

These are appendices to augment Finklea 2014 Room Radiation Dose Coefficients for External Exposure as utilized in <http://epa-bprg.ornl.gov/> and <http://epa-bdcc.ornl.gov/> .”

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APPENDIX C

Drywall

Table 1: Drywall Surface Contamination for 10x10x10 ft and 50x50x10 ft rooms

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ac-223	0.5603	0.3204	0.4861	0.5702	0.4549	0.3146	0.5259	0.5970
Ac-224	3.4691	2.2922	3.1122	3.5164	3.3796	2.7734	3.7228	3.9523
Ac-225	0.7984	0.4689	0.6968	0.8107	0.6616	0.4705	0.7582	0.8506
Ac-226	1.4831	0.9935	1.3362	1.5037	1.4737	1.2253	1.6178	1.7037
Ac-227	0.2339	0.1233	0.1994	0.2386	0.1712	0.1041	0.2042	0.2410
Ac-228	2.2598	1.4780	2.0273	2.2852	2.2649	1.8754	2.4815	2.5974
Ac-230	1.0357	0.6657	0.9251	1.0468	1.0213	0.8349	1.1230	1.1805
Ac-231	2.8029	1.9454	2.5487	2.8400	2.9446	2.5394	3.1936	3.3072
Ac-232	1.5447	1.0018	1.3834	1.5598	1.5646	1.2979	1.7113	1.7812
Ac-233	1.0912	0.7440	0.9898	1.1047	1.1871	1.0305	1.2833	1.3158
Ag-100m	1.7181	1.2305	1.5811	1.7297	2.0588	1.8792	2.1808	2.1474
Ag-101	1.6854	1.2157	1.5505	1.7011	1.9488	1.7683	2.0718	2.0695
Ag-102m	1.2104	0.8501	1.1072	1.2186	1.4119	1.2720	1.5007	1.4915
Ag-102	2.7282	1.9497	2.5080	2.7472	3.2342	2.9438	3.4285	3.3896
Ag-103	2.2308	1.5974	2.0467	2.2494	2.5037	2.2534	2.6671	2.6894
Ag-104	3.7194	2.6372	3.4103	3.7452	4.3191	3.9018	4.5870	4.5613
Ag-104m	1.5461	1.0971	1.4169	1.5569	1.7885	1.6153	1.9001	1.8940
Ag-105	2.5307	1.7886	2.3139	2.5515	2.8143	2.5131	3.0011	3.0328
Ag-105m	0.0888	0.0437	0.0747	0.0910	0.0612	0.0334	0.0749	0.0912
Ag-106	0.6027	0.4145	0.5469	0.6063	0.6514	0.5727	0.6965	0.7078
Ag-106m	4.5378	3.2319	4.1642	4.5719	5.2660	4.7643	5.5931	5.5702
Ag-108	0.0511	0.0356	0.0465	0.0514	0.0567	0.0504	0.0605	0.0610
Ag-108m	3.5546	2.5318	3.2600	3.5824	4.0852	3.6859	4.3447	4.3415
Ag-109m	0.5873	0.3894	0.5277	0.5908	0.6019	0.5134	0.6486	0.6719
Ag-110	0.0450	0.0324	0.0414	0.0453	0.0533	0.0487	0.0566	0.0560
Ag-110m	2.9427	2.1155	2.7115	2.9639	3.5378	3.2347	3.7459	3.6857
Ag-111	0.0846	0.0628	0.0785	0.0856	0.0995	0.0913	0.1057	0.1058
Ag-111m	0.3536	0.2263	0.3150	0.3565	0.3472	0.2865	0.3785	0.3991
Ag-112	0.6718	0.4840	0.6190	0.6766	0.8072	0.7388	0.8549	0.8423
Ag-113m	0.7058	0.5016	0.6471	0.7142	0.7909	0.7053	0.8473	0.8603
Ag-113	0.1865	0.1380	0.1729	0.1887	0.2196	0.2013	0.2332	0.2331
Ag-114	0.2822	0.2042	0.2602	0.2844	0.3383	0.3098	0.3583	0.3539
Ag-115	0.6696	0.4912	0.6191	0.6764	0.7922	0.7257	0.8400	0.8356
Ag-116	1.6678	1.1991	1.5357	1.6797	2.0033	1.8327	2.1200	2.0902
Ag-117	1.3512	0.9858	1.2484	1.3631	1.5988	1.4636	1.6946	1.6841
Ag-99	1.9127	1.3867	1.7639	1.9308	2.2543	2.0569	2.3922	2.3755

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Al-26	0.9151	0.6461	0.8396	0.9197	1.1106	1.0122	1.1745	1.1500
Al-28	0.8887	0.6283	0.8158	0.8930	1.0807	0.9859	1.1426	1.1177
Al-29	0.9228	0.6546	0.8469	0.9274	1.1189	1.0289	1.1829	1.1579
Am-237	3.6786	2.4419	3.3053	3.7248	3.6381	3.0206	3.9902	4.2066
Am-238	3.4415	2.2775	3.0919	3.4792	3.4539	2.8824	3.7758	3.9506
Am-239	4.8921	3.1614	4.3645	4.9556	4.6392	3.7396	5.1341	5.4895
Am-240	4.0186	2.6076	3.5938	4.0630	3.9417	3.2315	4.3309	4.5629
Am-241	1.0120	0.7550	0.9398	1.0240	1.1976	1.1083	1.2517	1.2451
Am-242	0.9500	0.5853	0.8381	0.9617	0.8483	0.6513	0.9510	1.0346
Am-242m	0.7864	0.4579	0.6851	0.7973	0.6548	0.4693	0.7482	0.8348
Am-243	1.3555	0.9155	1.2215	1.3705	1.3757	1.1634	1.4972	1.5582
Am-244	3.8522	2.4532	3.4304	3.8961	3.7041	2.9909	4.0903	4.3360
Am-244m	0.3864	0.2327	0.3392	0.3911	0.3382	0.2545	0.3811	0.4171
Am-245	0.4834	0.3191	0.4338	0.4895	0.4739	0.3919	0.5206	0.5506
Am-246	5.4048	3.4648	4.8189	5.4694	5.1907	4.2000	5.7324	6.0879
Am-246m	1.7558	1.1660	1.5820	1.7724	1.8463	1.5731	2.0024	2.0583
Am-247	1.6438	1.1038	1.4815	1.6642	1.6487	1.3853	1.8021	1.8926
Ar-37	0.1050	0.0499	0.0877	0.1078	0.0691	0.0347	0.0859	0.1065
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	0.9074	0.6438	0.8330	0.9119	1.0999	1.0117	1.1631	1.1385
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	1.1057	0.7894	1.0172	1.1127	1.3365	1.2222	1.4133	1.3871
Ar-44	1.7863	1.3054	1.6514	1.8027	2.1349	1.9554	2.2627	2.2376
As-68	2.1810	1.5543	2.0052	2.1955	2.6215	2.3908	2.7757	2.7301
As-69	0.5160	0.3343	0.4616	0.5246	0.5133	0.4215	0.5667	0.6008
As-70	2.9965	2.1034	2.7433	3.0198	3.5189	3.1712	3.7441	3.7155
As-71	2.5685	1.5416	2.2554	2.6212	2.2799	1.7049	2.5926	2.8705
As-72	1.1272	0.7505	1.0177	1.1401	1.2238	1.0521	1.3250	1.3534
As-73	3.8708	1.8808	3.2466	3.9709	2.6148	1.3791	3.2197	3.9512
As-74	1.3286	0.8062	1.1707	1.3511	1.2456	0.9675	1.3972	1.5123
As-76	0.5622	0.4078	0.5187	0.5668	0.6723	0.6158	0.7124	0.7046
As-77	0.0337	0.0246	0.0311	0.0342	0.0382	0.0344	0.0409	0.0414
As-78	1.2603	0.9066	1.1609	1.2693	1.5148	1.3868	1.6042	1.5798
As-79	0.0581	0.0425	0.0537	0.0587	0.0691	0.0633	0.0733	0.0727
At-204	4.9413	3.4068	4.4914	4.9973	5.3770	4.6855	5.8018	5.9273
At-205	3.1289	2.0634	2.8085	3.1680	3.1558	2.6238	3.4584	3.6221
At-206	5.0986	3.5263	4.6379	5.1560	5.5665	4.8622	6.0004	6.1210
At-207	4.4756	2.9926	4.0338	4.5281	4.6487	3.9344	5.0629	5.2477
At-208	6.4167	4.3682	5.8125	6.4894	6.8509	5.8978	7.4211	7.6201
At-209	6.2400	4.1910	5.6303	6.3148	6.4939	5.5072	7.0690	7.3247

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
At-210	5.3737	3.5909	4.8439	5.4366	5.6020	4.7539	6.0981	6.3108
At-211	1.0631	0.6617	0.9391	1.0789	0.9600	0.7381	1.0780	1.1746
At-215	0.0006	0.0004	0.0005	0.0006	0.0006	0.0005	0.0007	0.0007
At-216	0.0480	0.0308	0.0427	0.0487	0.0453	0.0362	0.0504	0.0541
At-217	0.0015	0.0010	0.0013	0.0015	0.0015	0.0013	0.0017	0.0018
At-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-220	1.7454	1.2543	1.6031	1.7691	1.9474	1.7367	2.0897	2.1235
Au-186	3.1402	2.1337	2.8424	3.1851	3.3090	2.8328	3.5944	3.7271
Au-187	3.3023	2.0552	2.9238	3.3555	3.1269	2.4698	3.4813	3.7467
Au-190	3.6846	2.4795	3.3284	3.7339	3.8942	3.3288	4.2280	4.3756
Au-191	3.9161	2.4973	3.4868	3.9804	3.7807	3.0436	4.1882	4.4815
Au-192	3.5356	2.3560	3.1860	3.5836	3.6898	3.1268	4.0170	4.1761
Au-193	2.8816	1.7912	2.5481	2.9320	2.6647	2.0779	2.9795	3.2384
Au-193m	2.1698	1.3261	1.9122	2.2107	1.9542	1.4876	2.2058	2.4230
Au-194	3.0606	2.0096	2.7468	3.1056	3.1053	2.5868	3.4010	3.5735
Au-195	3.0620	1.7926	2.6695	3.1203	2.6152	1.8954	2.9856	3.3415
Au-195m	2.1936	1.3416	1.9337	2.2347	1.9770	1.5059	2.2307	2.4496
Au-196	2.8791	1.9001	2.5863	2.9241	2.9060	2.4195	3.1854	3.3581
Au-196m	5.2509	3.1458	4.6051	5.3497	4.5878	3.4003	5.2147	5.7900
Au-198	0.9852	0.7165	0.9087	0.9970	1.1470	1.0425	1.2207	1.2228
Au-198m	5.9667	3.9166	5.3453	6.0664	5.8689	4.8141	6.4733	6.8890
Au-199	1.2423	0.8180	1.1149	1.2630	1.2180	0.9969	1.3462	1.4309
Au-200	0.3652	0.2620	0.3359	0.3687	0.4277	0.3886	0.4549	0.4535
Au-200m	5.2659	3.7420	4.8264	5.3325	5.9104	5.2602	6.3402	6.4286
Au-201	0.2327	0.1365	0.2032	0.2371	0.2020	0.1478	0.2304	0.2564
Au-202	0.2267	0.1628	0.2086	0.2288	0.2674	0.2433	0.2840	0.2822
Ba-124	1.8261	1.2554	1.6579	1.8406	1.9979	1.7640	2.1366	2.1661
Ba-126	2.1202	1.4715	1.9302	2.1372	2.3564	2.0965	2.5145	2.5377
Ba-127	1.0839	0.7407	0.9821	1.0919	1.1732	1.0318	1.2556	1.2771
Ba-128	1.2275	0.8181	1.1051	1.2354	1.2998	1.1287	1.3942	1.4247
Ba-129	1.2703	0.8529	1.1460	1.2798	1.3504	1.1743	1.4499	1.4835
Ba-129m	3.8403	2.6704	3.4999	3.8764	4.2818	3.7996	4.5812	4.6309
Ba-131	2.6982	1.8836	2.4596	2.7204	2.9891	2.6635	3.1898	3.2297
Ba-131m	1.4822	1.0021	1.3372	1.4979	1.5477	1.3348	1.6730	1.7304
Ba-133	3.1194	2.1597	2.8355	3.1455	3.4195	3.0270	3.6565	3.7092
Ba-133m	1.2744	0.7955	1.1289	1.2896	1.2305	0.9965	1.3553	1.4381
Ba-135m	0.9518	0.6315	0.8558	0.9593	1.0004	0.8636	1.0771	1.1041
Ba-137m	0.9145	0.6546	0.8407	0.9214	1.0788	0.9811	1.1452	1.1344
Ba-139	0.3465	0.2559	0.3206	0.3508	0.3963	0.3600	0.4229	0.4246

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ba-140	1.0164	0.6311	0.9000	1.0318	0.9676	0.7688	1.0756	1.1552
Ba-141	1.9979	1.4674	1.8478	2.0201	2.3455	2.1444	2.4909	2.4861
Ba-142	1.8138	1.2997	1.6665	1.8302	2.1116	1.9166	2.2435	2.2343
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.0964	0.0707	0.0892	0.0974	0.1148	0.1053	0.1216	0.1209
Bi-197	3.5317	2.2988	3.1619	3.5766	3.5589	2.9442	3.9035	4.0921
Bi-200	6.0482	4.1422	5.4863	6.1233	6.4889	5.6118	7.0191	7.2131
Bi-201	3.5321	2.3127	3.1671	3.5757	3.5925	2.9909	3.9315	4.1063
Bi-202	5.4763	3.7388	4.9657	5.5392	5.9137	5.1208	6.3901	6.5427
Bi-203	4.1021	2.7165	3.6899	4.1506	4.2609	3.5934	4.6427	4.8129
Bi-204	5.6590	3.8281	5.1198	5.7247	6.0475	5.1977	6.5490	6.7278
Bi-205	3.3714	2.1890	3.0168	3.4143	3.3941	2.8026	3.7243	3.9060
Bi-206	6.4907	4.4009	5.8756	6.5660	6.9473	5.9787	7.5220	7.7232
Bi-207	3.6187	2.3960	3.2540	3.6627	3.7383	3.1462	4.0777	4.2396
Bi-208	2.3393	1.4750	2.0781	2.3689	2.2982	1.8553	2.5359	2.6818
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.1958	0.8460	1.0938	1.2132	1.3081	1.1521	1.4103	1.4453
Bi-211	0.1889	0.1324	0.1724	0.1915	0.2060	0.1807	0.2222	0.2280
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	0.3965	0.2283	0.3450	0.4033	0.3379	0.2421	0.3868	0.4320
Bi-213	0.3597	0.2537	0.3288	0.3640	0.3999	0.3541	0.4293	0.4363
Bi-214	1.2505	0.8918	1.1493	1.2591	1.4934	1.3605	1.5833	1.5617
Bi-215	0.9580	0.6614	0.8704	0.9706	1.0186	0.8802	1.1040	1.1391
Bi-216	1.4572	1.0521	1.3418	1.4720	1.6987	1.5402	1.8079	1.8070
Bk-245	3.7575	2.4996	3.3776	3.8036	3.7133	3.0921	4.0698	4.2925
Bk-246	3.8792	2.5135	3.4682	3.9231	3.7996	3.1168	4.1769	4.4059
Bk-247	1.5475	1.0843	1.4083	1.5658	1.6391	1.4280	1.7715	1.8239
Bk-248m	0.9675	0.6200	0.8619	0.9790	0.9166	0.7385	1.0137	1.0826
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	1.4276	0.9556	1.2896	1.4399	1.5355	1.3235	1.6571	1.6897
Bk-251	2.1561	1.3961	1.9262	2.1827	2.0629	1.6780	2.2780	2.4284
Br-72	1.9129	1.3386	1.7496	1.9288	2.2196	1.9899	2.3661	2.3575
Br-73	1.3574	0.9375	1.2346	1.3740	1.4695	1.2807	1.5826	1.6221
Br-74	2.1631	1.5134	1.9765	2.1803	2.5087	2.2478	2.6744	2.6664
Br-74m	2.6421	1.8555	2.4176	2.6632	3.0752	2.7629	3.2775	3.2630
Br-75	1.7840	1.2218	1.6192	1.8107	1.8804	1.6131	2.0448	2.1239
Br-76	2.4493	1.6093	2.2016	2.4771	2.5717	2.1719	2.8001	2.8956
Br-76m	2.7733	1.6261	2.4192	2.8161	2.3093	1.6402	2.6326	2.9518
Br-77	2.4565	1.4444	2.1465	2.5011	2.1002	1.5186	2.4004	2.6828
Br-77m	1.3825	0.7915	1.1995	1.4052	1.0927	0.7356	1.2673	1.4506

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Br-78	0.2540	0.1581	0.2251	0.2577	0.2417	0.1908	0.2692	0.2887
Br-80	0.1790	0.1087	0.1577	0.1818	0.1640	0.1256	0.1843	0.2005
Br-80m	2.7067	1.5522	2.3498	2.7464	2.1820	1.5012	2.5117	2.8465
Br-82m	1.2839	0.7055	1.1043	1.3059	0.9570	0.5986	1.1283	1.3187
Br-82	2.9989	2.1625	2.7647	3.0218	3.5997	3.2937	3.8124	3.7566
Br-83	0.0123	0.0089	0.0113	0.0124	0.0144	0.0131	0.0153	0.0153
Br-84m	2.7800	2.0040	2.5632	2.8021	3.3396	3.0573	3.5357	3.4847
Br-84	0.9986	0.7114	0.9181	1.0046	1.2084	1.1036	1.2775	1.2526
Br-85	0.0663	0.0476	0.0611	0.0668	0.0798	0.0729	0.0844	0.0830
C-10	0.8972	0.6479	0.8275	0.9042	1.0771	0.9851	1.1410	1.1237
C-11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-41	0.1874	0.0892	0.1566	0.1924	0.1233	0.0619	0.1534	0.1902
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	0.8008	0.5701	0.7358	0.8053	0.9690	0.8905	1.0249	1.0046
Ca-49	0.8613	0.6058	0.7889	0.8645	1.0507	0.9588	1.1078	1.0816
Cd-101	2.3617	1.6860	2.1653	2.3778	2.7230	2.4647	2.8895	2.8818
Cd-102	2.2437	1.5824	2.0512	2.2597	2.5193	2.2562	2.6807	2.7016
Cd-103	2.1404	1.4865	1.9507	2.1517	2.4207	2.1626	2.5739	2.5790
Cd-104	2.2280	1.5527	2.0266	2.2407	2.4292	2.1520	2.5903	2.6265
Cd-105	1.5573	1.0791	1.4181	1.5657	1.7459	1.5549	1.8580	1.8673
Cd-107	1.6990	1.1373	1.5304	1.7071	1.7654	1.5214	1.8936	1.9500
Cd-109	1.5986	1.0669	1.4389	1.6063	1.6553	1.4231	1.7770	1.8322
Cd-111m	1.9208	1.3950	1.7691	1.9425	2.1702	1.9605	2.3128	2.3359
Cd-113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0010	0.0007	0.0009	0.0010	0.0011	0.0010	0.0012	0.0012
Cd-115	0.4070	0.2950	0.3752	0.4106	0.4779	0.4358	0.5068	0.5051
Cd-115m	0.0311	0.0223	0.0286	0.0313	0.0375	0.0343	0.0397	0.0390
Cd-117	1.3517	0.9802	1.2471	1.3637	1.6041	1.4679	1.7003	1.6858
Cd-117m	1.4811	1.0586	1.3622	1.4905	1.7878	1.6353	1.8907	1.8575
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	1.5955	1.1567	1.4725	1.6091	1.9032	1.7422	2.0162	1.9963
Cd-119m	1.7686	1.2648	1.6267	1.7800	2.1289	1.9470	2.2518	2.2144
Ce-130	2.6812	1.8629	2.4405	2.7048	2.9446	2.6125	3.1501	3.1984
Ce-131	2.8032	1.9354	2.5496	2.8309	3.0925	2.7281	3.3173	3.3674
Ce-132	2.4813	1.7504	2.2668	2.5070	2.7430	2.4421	2.9347	2.9747
Ce-133	2.4483	1.6729	2.2143	2.4668	2.6364	2.3159	2.8242	2.8732
Ce-133m	3.7953	2.6533	3.4627	3.8258	4.2889	3.8396	4.5689	4.5885
Ce-134	1.0812	0.7027	0.9667	1.0884	1.1159	0.9527	1.2037	1.2391
Ce-135	2.8416	1.9881	2.5925	2.8677	3.1813	2.8383	3.3978	3.4272

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ce-137	1.4073	0.8650	1.2416	1.4225	1.3457	1.0825	1.4828	1.5759
Ce-137m	0.9461	0.6218	0.8482	0.9543	0.9816	0.8398	1.0605	1.0939
Ce-139	2.1098	1.4665	1.9202	2.1312	2.2914	2.0197	2.4603	2.5036
Ce-141	0.7966	0.5804	0.7344	0.8055	0.8985	0.8131	0.9590	0.9691
Ce-143	1.6190	1.1224	1.4724	1.6346	1.7832	1.5796	1.9067	1.9347
Ce-144	0.2684	0.1898	0.2453	0.2710	0.2952	0.2637	0.3157	0.3216
Ce-145	2.4591	1.6957	2.2347	2.4794	2.7331	2.4240	2.9195	2.9471
Cf-244	0.2712	0.1611	0.2373	0.2746	0.2322	0.1713	0.2630	0.2900
Cf-246	0.1858	0.1105	0.1626	0.1881	0.1592	0.1176	0.1803	0.1988
Cf-247	3.4094	2.1360	3.0208	3.4529	3.1293	2.4589	3.4886	3.7698
Cf-248	0.2220	0.1321	0.1943	0.2248	0.1905	0.1408	0.2156	0.2376
Cf-249	1.5374	1.0461	1.3922	1.5564	1.6085	1.3792	1.7457	1.8077
Cf-250	0.1798	0.1083	0.1578	0.1820	0.1576	0.1186	0.1775	0.1942
Cf-251	2.3546	1.5424	2.1088	2.3842	2.2830	1.8722	2.5138	2.6674
Cf-252	0.6409	0.4434	0.5835	0.6470	0.7075	0.6223	0.7598	0.7700
Cf-253	0.5909	0.3469	0.5158	0.5988	0.5049	0.3713	0.5729	0.6335
Cf-254	17.3550	12.6090	16.0166	17.5014	20.6893	18.9482	21.9078	21.6691
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0001	0.0000	0.0001	0.0001	0.0000	0.0000	0.0001	0.0001
Cl-34m	1.0890	0.7942	1.0060	1.0980	1.2998	1.1919	1.3770	1.3620
Cl-36	0.0015	0.0007	0.0012	0.0015	0.0010	0.0005	0.0012	0.0015
Cl-38	0.6568	0.4640	0.6026	0.6600	0.7992	0.7291	0.8446	0.8261
Cl-39	1.3738	0.9948	1.2673	1.3856	1.6481	1.5142	1.7461	1.7216
Cl-40	1.7350	1.2284	1.5926	1.7435	2.1074	1.9264	2.2267	2.1787
Cm-238	1.9037	1.2546	1.7064	1.9265	1.8478	1.5204	2.0316	2.1539
Cm-239	3.4780	2.3782	3.1487	3.5218	3.5517	3.0211	3.8682	4.0384
Cm-240	0.3151	0.1864	0.2755	0.3190	0.2655	0.1932	0.3019	0.3345
Cm-241	4.5583	2.9414	4.0687	4.6157	4.3757	3.5467	4.8330	5.1460
Cm-242	0.2829	0.1674	0.2474	0.2865	0.2384	0.1734	0.2711	0.3004
Cm-243	2.5162	1.5977	2.2359	2.5512	2.3419	1.8556	2.6061	2.8077
Cm-244	0.2430	0.1437	0.2124	0.2460	0.2047	0.1489	0.2328	0.2580
Cm-245	2.5885	1.6812	2.3120	2.6208	2.4626	1.9927	2.7216	2.9044
Cm-246	0.1974	0.1173	0.1727	0.1998	0.1676	0.1228	0.1902	0.2102
Cm-247	0.8487	0.6195	0.7834	0.8589	0.9855	0.8964	1.0487	1.0512
Cm-248	1.5347	1.0905	1.4075	1.5484	1.7660	1.5885	1.8819	1.8822
Cm-249	0.3581	0.1808	0.3028	0.3669	0.2566	0.1486	0.3104	0.3725
Cm-250	13.7245	9.9657	12.6641	13.8405	16.3485	14.9665	17.3138	17.1296
Cm-251	0.4342	0.2940	0.3927	0.4391	0.4531	0.3878	0.4919	0.5093
Co-54m	2.7507	1.9776	2.5336	2.7714	3.3070	3.0323	3.5005	3.4481
Co-55	1.3834	0.9495	1.2589	1.3968	1.5677	1.3852	1.6805	1.6908

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Co-56	2.8928	1.9178	2.6087	2.9225	3.1670	2.7340	3.4224	3.4833
Co-57	2.6696	1.6143	2.3478	2.7194	2.3577	1.7768	2.6733	2.9697
Co-58	1.5387	0.9516	1.3636	1.5625	1.5050	1.2028	1.6706	1.7757
Co-58m	0.7509	0.3574	0.6273	0.7709	0.4943	0.2485	0.6147	0.7622
Co-60	1.8428	1.3088	1.6925	1.8525	2.2325	2.0503	2.3605	2.3117
Co-60m	0.8471	0.4089	0.7096	0.8693	0.5690	0.2969	0.7025	0.8644
Co-61	0.9862	0.7050	0.9028	0.9978	1.0983	0.9817	1.1698	1.1849
Co-62	1.0676	0.7583	0.9804	1.0733	1.2937	1.1862	1.3673	1.3394
Co-62m	1.8976	1.3486	1.7429	1.9079	2.2989	2.1079	2.4301	2.3808
Cr-48	2.5408	1.7986	2.3232	2.5771	2.7611	2.4331	2.9781	3.0694
Cr-49	1.1239	0.8377	1.0395	1.1373	1.2877	1.1755	1.3698	1.3756
Cr-51	0.5256	0.2771	0.4485	0.5382	0.3983	0.2494	0.4738	0.5576
Cr-55	0.0004	0.0003	0.0004	0.0004	0.0005	0.0004	0.0005	0.0005
Cr-56	1.9082	1.3038	1.7246	1.9270	2.0062	1.7341	2.1651	2.2363
Cs-121	0.8853	0.6413	0.8153	0.8941	1.0162	0.9216	1.0811	1.0836
Cs-121m	1.6604	1.2006	1.5280	1.6780	1.8982	1.7171	2.0207	2.0310
Cs-123	1.4200	1.0012	1.2967	1.4303	1.5965	1.4330	1.6983	1.7076
Cs-124	0.4437	0.3188	0.4082	0.4478	0.5149	0.4671	0.5468	0.5468
Cs-125	1.2574	0.8718	1.1445	1.2656	1.4001	1.2476	1.4910	1.5037
Cs-126	0.7665	0.5472	0.7036	0.7734	0.8836	0.7994	0.9387	0.9393
Cs-127	2.0105	1.4008	1.8323	2.0255	2.2366	1.9956	2.3824	2.4068
Cs-128	0.6414	0.4459	0.5843	0.6460	0.7179	0.6407	0.7643	0.7700
Cs-129	2.0958	1.4337	1.9005	2.1093	2.2892	2.0225	2.4422	2.4765
Cs-130m	1.9376	1.2844	1.7401	1.9544	2.0112	1.7221	2.1718	2.2401
Cs-130	0.6325	0.4212	0.5695	0.6354	0.6734	0.5865	0.7199	0.7339
Cs-131	1.0347	0.6826	0.9293	1.0393	1.0871	0.9405	1.1638	1.1910
Cs-132	1.9581	1.3522	1.7815	1.9698	2.1957	1.9564	2.3382	2.3487
Cs-134	2.0191	1.4600	1.8625	2.0352	2.4197	2.2136	2.5636	2.5284
Cs-134m	0.9626	0.5794	0.8456	0.9764	0.8780	0.6793	0.9819	1.0692
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	1.8074	1.2963	1.6651	1.8210	2.1677	1.9776	2.2953	2.2580
Cs-136	2.8888	2.0860	2.6630	2.9136	3.4295	3.1307	3.6354	3.5975
Cs-137	1.1115	0.8042	1.0258	1.1223	1.3335	1.2237	1.4069	1.3849
Cs-138m	1.2430	0.8485	1.1268	1.2536	1.3562	1.1914	1.4539	1.4778
Cs-138	1.8212	1.3041	1.6762	1.8335	2.1931	2.0068	2.3206	2.2829
Cs-139	0.1843	0.1311	0.1693	0.1853	0.2231	0.2044	0.2360	0.2313
Cs-140	1.2218	0.8751	1.1242	1.2298	1.4734	1.3476	1.5590	1.5328
Cu-57	0.0960	0.0681	0.0881	0.0966	0.1154	0.1053	0.1221	0.1200
Cu-59	0.4790	0.3412	0.4400	0.4831	0.5651	0.5132	0.6006	0.5962
Cu-60	1.8840	1.3192	1.7240	1.8959	2.2386	2.0277	2.3769	2.3456

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Cu-61	0.7602	0.4541	0.6671	0.7746	0.6895	0.5227	0.7795	0.8554
Cu-62	0.0280	0.0146	0.0239	0.0287	0.0215	0.0135	0.0255	0.0298
Cu-64	0.4537	0.2169	0.3794	0.4657	0.3010	0.1534	0.3733	0.4616
Cu-66	0.0902	0.0644	0.0830	0.0908	0.1090	0.0996	0.1152	0.1131
Cu-67	1.0241	0.7187	0.9332	1.0402	1.0925	0.9497	1.1844	1.2253
Cu-69	0.5383	0.3863	0.4958	0.5421	0.6483	0.5927	0.6859	0.6746
Dy-148	2.0847	1.4089	1.8839	2.1095	2.2515	1.9522	2.4230	2.4800
Dy-149	3.2510	2.2051	2.9404	3.2886	3.5327	3.0747	3.7952	3.8734
Dy-150	1.3825	0.9417	1.2514	1.4014	1.4860	1.2898	1.5996	1.6438
Dy-151	3.1581	2.1070	2.8462	3.1990	3.3566	2.8755	3.6305	3.7414
Dy-152	2.1977	1.5110	1.9932	2.2307	2.3532	2.0451	2.5368	2.6125
Dy-153	4.1543	2.7925	3.7453	4.2103	4.3858	3.7648	4.7354	4.8910
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	2.7226	1.8660	2.4678	2.7595	2.9359	2.5549	3.1590	3.2418
Dy-157	2.2584	1.5416	2.0457	2.2899	2.4162	2.0932	2.6038	2.6848
Dy-159	1.4842	0.9435	1.3185	1.5066	1.4635	1.1989	1.5984	1.6903
Dy-165m	0.5859	0.3179	0.5025	0.5990	0.4626	0.3059	0.5412	0.6257
Dy-165	0.2262	0.1509	0.2033	0.2296	0.2341	0.1985	0.2536	0.2640
Dy-166	1.2376	0.7658	1.0923	1.2597	1.1648	0.9181	1.2912	1.3925
Dy-167	1.7178	1.2099	1.5700	1.7411	1.9136	1.6962	2.0517	2.0864
Dy-168	1.7941	1.2281	1.6264	1.8202	1.9208	1.6618	2.0742	2.1391
Er-154	1.9454	1.2018	1.7179	1.9751	1.8450	1.4661	2.0335	2.1844
Er-156	2.7538	1.6049	2.3988	2.8055	2.4149	1.7876	2.7293	3.0220
Er-159	2.5952	1.7460	2.3426	2.6308	2.7669	2.3778	2.9875	3.0768
Er-161	2.8290	1.8718	2.5435	2.8692	2.9647	2.5152	3.2126	3.3274
Er-163	1.2749	0.8028	1.1301	1.2970	1.2363	0.9971	1.3559	1.4450
Er-165	1.2436	0.7802	1.1014	1.2654	1.2001	0.9641	1.3180	1.4073
Er-167m	0.9717	0.6410	0.8720	0.9891	0.9759	0.8096	1.0699	1.1323
Er-169	0.0216	0.0103	0.0181	0.0222	0.0143	0.0072	0.0177	0.0220
Er-171	2.2854	1.5777	2.0767	2.3210	2.4426	2.1180	2.6386	2.7302
Er-172	2.1004	1.4122	1.8955	2.1322	2.2206	1.8995	2.4013	2.4847
Er-173	3.4018	2.3699	3.0979	3.4510	3.6930	3.2290	3.9749	4.0828
Es-249	3.0657	2.0581	2.7648	3.1013	3.1124	2.6329	3.3930	3.5466
Es-250	10.0847	6.5025	9.0041	10.2029	9.7530	7.9563	10.7458	11.3962
Es-250m	2.7731	1.8397	2.4937	2.8031	2.7905	2.3429	3.0469	3.1889
Es-251	2.9377	1.8673	2.6124	2.9742	2.7443	2.1910	3.0467	3.2720
Es-253	0.0734	0.0431	0.0640	0.0743	0.0622	0.0454	0.0708	0.0784
Es-254	2.7365	1.5646	2.3743	2.7781	2.2413	1.5755	2.5764	2.8986
Es-254m	1.4857	0.9748	1.3337	1.5005	1.5188	1.2768	1.6555	1.7199
Es-255	0.0007	0.0005	0.0007	0.0007	0.0008	0.0008	0.0009	0.0009

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Es-256	0.3432	0.2066	0.3013	0.3472	0.3042	0.2317	0.3412	0.3720
Eu-142	0.2645	0.1832	0.2410	0.2665	0.3032	0.2709	0.3232	0.3228
Eu-142m	3.4984	2.4297	3.1920	3.5316	3.9946	3.5532	4.2722	4.2876
Eu-143	0.5649	0.3814	0.5105	0.5697	0.6194	0.5425	0.6642	0.6741
Eu-144	0.2507	0.1685	0.2265	0.2527	0.2756	0.2410	0.2956	0.2995
Eu-145	2.2002	1.4963	1.9930	2.2194	2.4343	2.1396	2.6074	2.6389
Eu-146	3.5397	2.4695	3.2301	3.5692	4.0503	3.6240	4.3188	4.3229
Eu-147	2.3978	1.6365	2.1707	2.4228	2.5834	2.2567	2.7767	2.8455
Eu-148	4.1027	2.8857	3.7507	4.1395	4.6997	4.2166	5.0103	5.0225
Eu-149	1.4662	0.9153	1.2973	1.4853	1.4163	1.1460	1.5593	1.6608
Eu-150	3.9161	2.7703	3.5846	3.9568	4.4526	3.9924	4.7516	4.7875
Eu-150m	0.1962	0.1337	0.1776	0.1983	0.2121	0.1853	0.2280	0.2334
Eu-152	2.6720	1.8521	2.4320	2.6981	2.9727	2.6357	3.1815	3.2242
Eu-152m	0.7545	0.5157	0.6842	0.7617	0.8287	0.7283	0.8885	0.9031
Eu-152n	1.7096	1.0842	1.5161	1.7373	1.6264	1.3023	1.8063	1.9405
Eu-154	2.0876	1.4710	1.9099	2.1080	2.3765	2.1307	2.5360	2.5522
Eu-154m	2.1556	1.3123	1.8956	2.1917	1.9746	1.5287	2.2100	2.4076
Eu-155	1.0266	0.7097	0.9299	1.0397	1.0888	0.9463	1.1747	1.2116
Eu-156	1.2451	0.8614	1.1337	1.2559	1.4214	1.2659	1.5182	1.5213
Eu-157	2.0325	1.3284	1.8202	2.0620	2.0692	1.7323	2.2542	2.3621
Eu-158	1.7244	1.1777	1.5651	1.7414	1.9263	1.6933	2.0665	2.0875
Eu-159	2.2026	1.4787	1.9839	2.2299	2.3147	1.9865	2.4983	2.5798
F-17	0.0003	0.0002	0.0003	0.0003	0.0004	0.0003	0.0004	0.0004
F-18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-52	1.4327	1.0090	1.3092	1.4564	1.5319	1.3317	1.6642	1.7192
Fe-53	0.4354	0.3170	0.4019	0.4409	0.5066	0.4603	0.5395	0.5414
Fe-53m	2.6448	1.8911	2.4335	2.6617	3.1914	2.9209	3.3764	3.3156
Fe-55	0.6227	0.2963	0.5202	0.6393	0.4097	0.2058	0.5096	0.6320
Fe-59	0.9800	0.6993	0.9010	0.9858	1.1842	1.0866	1.2522	1.2286
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	1.3288	0.9579	1.2248	1.3388	1.5966	1.4637	1.6897	1.6656
Fe-62	0.9155	0.6696	0.8463	0.9242	1.0912	1.0005	1.1563	1.1483
Fm-251	2.5164	1.6099	2.2420	2.5499	2.3930	1.9317	2.6498	2.8383
Fm-252	0.1846	0.1109	0.1620	0.1868	0.1618	0.1221	0.1821	0.1991
Fm-253	2.5917	1.6082	2.2917	2.6244	2.3645	1.8491	2.6398	2.8568
Fm-254	0.1934	0.1170	0.1700	0.1956	0.1717	0.1309	0.1927	0.2097
Fm-255	2.1093	1.2372	1.8407	2.1376	1.7852	1.3022	2.0307	2.2513
Fm-256	12.9392	9.3971	11.9401	13.0482	15.4115	14.1097	16.3217	16.1479
Fm-257	2.7517	1.7767	2.4566	2.7856	2.6369	2.1438	2.9103	3.0993
Fr-212	3.5665	2.3350	3.1954	3.6123	3.5379	2.9172	3.8888	4.0978

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Fr-219	0.0142	0.0100	0.0130	0.0144	0.0154	0.0135	0.0166	0.0171
Fr-220	0.4286	0.2540	0.3747	0.4354	0.3612	0.2605	0.4126	0.4609
Fr-221	0.2353	0.1633	0.2139	0.2387	0.2464	0.2119	0.2676	0.2779
Fr-222	1.8675	1.2241	1.6732	1.8933	1.8063	1.4718	1.9932	2.1214
Fr-223	1.5961	1.0065	1.4157	1.6190	1.4829	1.1672	1.6437	1.7678
Fr-224	1.6353	1.1142	1.4814	1.6552	1.7073	1.4603	1.8548	1.9223
Fr-227	2.6521	1.8051	2.3972	2.6842	2.7336	2.3261	2.9734	3.0905
Ga-64	1.3600	0.9589	1.2469	1.3684	1.6290	1.4790	1.7256	1.6981
Ga-65	1.7655	1.1330	1.5743	1.7956	1.7088	1.3843	1.8928	2.0303
Ga-66	1.4809	0.9070	1.3088	1.5018	1.4560	1.1638	1.6134	1.7109
Ga-67	2.7770	1.5851	2.4078	2.8372	2.3102	1.6233	2.6712	3.0311
Ga-68	0.1862	0.0966	0.1584	0.1905	0.1412	0.0878	0.1680	0.1971
Ga-70	0.0157	0.0099	0.0140	0.0160	0.0155	0.0125	0.0172	0.0182
Ga-72	2.0238	1.4454	1.8617	2.0375	2.4371	2.2238	2.5794	2.5350
Ga-73	3.1428	1.8020	2.7315	3.2103	2.6593	1.8931	3.0611	3.4542
Ga-74	2.2401	1.6063	2.0614	2.2551	2.6993	2.4688	2.8565	2.8105
Gd-142	1.2440	0.8603	1.1310	1.2575	1.3751	1.2135	1.4737	1.4966
Gd-143m	3.1425	2.1956	2.8660	3.1772	3.5178	3.1261	3.7637	3.8077
Gd-144	0.9363	0.6245	0.8429	0.9462	0.9992	0.8619	1.0763	1.1049
Gd-145m	1.4157	0.9166	1.2676	1.4346	1.4570	1.2163	1.5935	1.6622
Gd-145	1.8458	1.2571	1.6736	1.8608	2.0778	1.8349	2.2202	2.2329
Gd-146	4.1860	2.8674	3.7902	4.2357	4.4479	3.8698	4.7902	4.9381
Gd-147	3.7368	2.6203	3.4107	3.7787	4.1910	3.7295	4.4810	4.5318
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	2.9899	2.0696	2.7181	3.0259	3.2515	2.8542	3.4939	3.5733
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	1.7438	1.0878	1.5428	1.7694	1.6706	1.3416	1.8446	1.9728
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	2.3584	1.5800	2.1206	2.3860	2.4552	2.1047	2.6517	2.7475
Gd-159	0.4298	0.2880	0.3873	0.4359	0.4512	0.3861	0.4873	0.5048
Gd-162	1.1695	0.8137	1.0660	1.1851	1.2920	1.1375	1.3906	1.4195
Ge-66	3.2128	1.9242	2.8189	3.2741	2.8932	2.1905	3.2685	3.5967
Ge-67	1.3729	0.9947	1.2649	1.3920	1.5481	1.3859	1.6618	1.6812
Ge-68	1.5285	0.7284	1.2772	1.5690	1.0071	0.5074	1.2518	1.5515
Ge-69	1.8735	1.0559	1.6232	1.9098	1.6050	1.1453	1.8437	2.0636
Ge-71	1.5502	0.7388	1.2954	1.5914	1.0215	0.5146	1.2696	1.5737
Ge-75	0.1394	0.1040	0.1294	0.1414	0.1627	0.1491	0.1732	0.1737
Ge-77	2.3753	1.7464	2.1969	2.4043	2.7832	2.5412	2.9594	2.9586
Ge-78	1.0295	0.7700	0.9566	1.0441	1.2092	1.1110	1.2856	1.2878
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Hf-167	1.6436	1.1000	1.4819	1.6708	1.6991	1.4368	1.8481	1.9339
Hf-169	2.4093	1.5930	2.1652	2.4471	2.4845	2.0916	2.7024	2.8246
Hf-170	3.7316	2.3806	3.3225	3.7975	3.6304	2.9363	4.0060	4.2787
Hf-172	3.7368	2.2326	3.2745	3.8076	3.3436	2.5254	3.7586	4.1401
Hf-173	3.8766	2.6291	3.5060	3.9377	4.0279	3.4399	4.3713	4.5695
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	2.6393	1.7310	2.3668	2.6842	2.6694	2.2207	2.9162	3.0732
Hf-177m	13.0290	8.9468	11.8239	13.2362	13.8098	11.9016	14.9712	15.5363
Hf-178m	9.0590	6.2406	8.2264	9.1930	9.7152	8.4191	10.5153	10.8555
Hf-179m	5.8306	3.8789	5.2488	5.9274	5.9558	5.0013	6.5090	6.8414
Hf-180m	4.7565	3.2667	4.3165	4.8295	5.0749	4.3851	5.4920	5.6826
Hf-181	2.3619	1.6047	2.1389	2.3967	2.4878	2.1348	2.7011	2.8094
Hf-182	1.2605	0.8953	1.1543	1.2803	1.3865	1.2260	1.4927	1.5282
Hf-182m	4.3897	2.9172	3.9503	4.4597	4.5101	3.7947	4.9207	5.1547
Hf-183	1.9069	1.3262	1.7369	1.9297	2.1126	1.8611	2.2669	2.3014
Hf-184	3.8933	2.2562	3.3905	3.9742	3.3204	2.3940	3.8061	4.2791
Hg-190	3.8331	2.4129	3.4011	3.8987	3.5711	2.8098	3.9890	4.3253
Hg-191m	5.2771	3.4429	4.7270	5.3587	5.2916	4.3738	5.8166	6.1362
Hg-192	3.8790	2.4139	3.4316	3.9471	3.5821	2.7901	4.0110	4.3619
Hg-193	3.6872	2.3097	3.2688	3.7468	3.4910	2.7621	3.8860	4.1816
Hg-193m	3.1253	2.0294	2.7964	3.1706	3.1347	2.5879	3.4430	3.6272
Hg-194	0.8589	0.4291	0.7244	0.8791	0.5896	0.3219	0.7198	0.8751
Hg-195	2.8702	1.6964	2.5085	2.9227	2.4870	1.8253	2.8290	3.1461
Hg-195m	3.5772	2.0358	3.1008	3.6484	2.9413	2.0454	3.3992	3.8590
Hg-197	2.7183	1.5964	2.3710	2.7688	2.3224	1.6845	2.6517	2.9641
Hg-197m	2.5206	1.4869	2.2028	2.5680	2.1553	1.5677	2.4626	2.7576
Hg-199m	2.7260	1.7182	2.4195	2.7730	2.5408	1.9956	2.8408	3.0748
Hg-203	1.1656	0.8274	1.0671	1.1828	1.2777	1.1274	1.3769	1.4105
Hg-205	0.0430	0.0299	0.0391	0.0436	0.0453	0.0391	0.0492	0.0511
Hg-206	0.5815	0.4026	0.5290	0.5898	0.6206	0.5373	0.6724	0.6952
Hg-207	2.9006	2.0294	2.6509	2.9285	3.3103	2.9486	3.5391	3.5548
Ho-150	1.4723	1.0404	1.3495	1.4857	1.7161	1.5453	1.8254	1.8162
Ho-153	2.1308	1.4792	1.9393	2.1593	2.3379	2.0542	2.5097	2.5626
Ho-153m	2.5830	1.7786	2.3445	2.6191	2.7848	2.4242	3.0000	3.0819
Ho-154m	4.6225	3.3062	4.2450	4.6764	5.3133	4.7859	5.6623	5.6924
Ho-154	2.4307	1.7274	2.2289	2.4586	2.7819	2.4965	2.9672	2.9859
Ho-155	2.4641	1.6235	2.2108	2.5018	2.5208	2.1175	2.7439	2.8720
Ho-156	3.6621	2.5616	3.3415	3.7079	4.0702	3.6029	4.3622	4.4322
Ho-157	3.6398	2.4260	3.2750	3.6942	3.7777	3.2059	4.0946	4.2610
Ho-159	3.9959	2.6956	3.6060	4.0548	4.1715	3.5688	4.5128	4.6925

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ho-160	3.9315	2.6598	3.5559	3.9798	4.2603	3.6909	4.5881	4.6919
Ho-161	2.1140	1.3190	1.8708	2.1453	2.0263	1.6255	2.2284	2.3847
Ho-162	1.6921	1.0633	1.4992	1.7198	1.6388	1.3214	1.8014	1.9199
Ho-162m	3.0113	1.9085	2.6766	3.0611	2.9456	2.3881	3.2442	3.4513
Ho-163	0.0250	0.0119	0.0209	0.0256	0.0164	0.0083	0.0204	0.0254
Ho-164	0.9755	0.6086	0.8627	0.9920	0.9338	0.7465	1.0288	1.1015
Ho-164m	2.2842	1.3140	1.9837	2.3302	1.9648	1.4252	2.2329	2.4933
Ho-166	0.4289	0.2524	0.3743	0.4375	0.3769	0.2791	0.4270	0.4732
Ho-166m	4.0564	2.8285	3.6990	4.1100	4.4863	3.9463	4.8246	4.9116
Ho-167	1.5537	1.0911	1.4189	1.5764	1.7107	1.5071	1.8387	1.8819
Ho-168	1.5807	1.0688	1.4309	1.6002	1.7180	1.4863	1.8554	1.8960
Ho-168m	0.5673	0.3013	0.4843	0.5805	0.4368	0.2795	0.5142	0.5999
Ho-170	3.7339	2.5591	3.3894	3.7831	4.0752	3.5503	4.3905	4.4857
I-118m	3.9945	2.8786	3.6796	4.0250	4.7525	4.3418	5.0368	4.9819
I-118	1.3739	0.9879	1.2648	1.3841	1.6337	1.4917	1.7314	1.7127
I-119	1.6893	1.2136	1.5521	1.7063	1.9189	1.7336	2.0409	2.0550
I-120	1.8011	1.2767	1.6518	1.8124	2.1190	1.9229	2.2456	2.2264
I-120m	3.5205	2.5270	3.2392	3.5462	4.1753	3.8084	4.4251	4.3813
I-121	2.1212	1.5058	1.9417	2.1393	2.3716	2.1261	2.5226	2.5531
I-122	0.4433	0.3078	0.4039	0.4458	0.4982	0.4449	0.5295	0.5329
I-123	2.2048	1.5620	2.0184	2.2227	2.4431	2.1829	2.6043	2.6354
I-124	1.7021	1.1827	1.5518	1.7114	1.9275	1.7248	2.0480	2.0543
I-125	2.0434	1.3605	1.8403	2.0501	2.1625	1.8815	2.3058	2.3607
I-126	1.2582	0.8839	1.1500	1.2671	1.4257	1.2796	1.5151	1.5225
I-128	0.2068	0.1467	0.1895	0.2084	0.2361	0.2129	0.2508	0.2518
I-129	1.0598	0.7045	0.9535	1.0641	1.1245	0.9796	1.2011	1.2246
I-130m	0.5039	0.3254	0.4505	0.5089	0.5133	0.4302	0.5585	0.5831
I-130	3.0515	2.2146	2.8165	3.0774	3.6495	3.3415	3.8670	3.8220
I-131	1.2096	0.8922	1.1197	1.2243	1.4369	1.3181	1.5220	1.5235
I-132	2.6967	1.9465	2.4867	2.7176	3.2355	2.9600	3.4271	3.3774
I-132m	1.2611	0.8340	1.1342	1.2742	1.3146	1.1183	1.4258	1.4762
I-133	0.9653	0.7029	0.8915	0.9739	1.1522	1.0557	1.2208	1.2097
I-134m	2.0760	1.4569	1.8951	2.0932	2.3089	2.0634	2.4580	2.4853
I-134	2.8188	2.0283	2.5981	2.8401	3.3846	3.0938	3.5827	3.5280
I-135	1.2410	0.8867	1.1415	1.2488	1.4977	1.3722	1.5844	1.5562
In-103	2.1851	1.5849	2.0153	2.2042	2.5829	2.3572	2.7382	2.7169
In-105	2.1275	1.5391	1.9602	2.1452	2.4687	2.2473	2.6194	2.6189
In-106	3.4513	2.4780	3.1775	3.4767	4.1095	3.7471	4.3533	4.3006
In-106m	1.5795	1.1284	1.4519	1.5897	1.8835	1.7163	1.9953	1.9688
In-107	2.1559	1.5351	1.9768	2.1728	2.4618	2.2182	2.6154	2.6256

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
In-108	4.8759	3.4801	4.4798	4.9113	5.7248	5.1983	6.0707	6.0245
In-108m	1.8889	1.3309	1.7290	1.8997	2.1995	1.9862	2.3330	2.3186
In-109	2.4408	1.7361	2.2355	2.4606	2.7385	2.4556	2.9132	2.9432
In-109m	0.9084	0.6548	0.8368	0.9153	1.0789	0.9846	1.1439	1.1319
In-110	4.6153	3.2705	4.2327	4.6455	5.3824	4.8672	5.7093	5.6732
In-110m	1.4261	1.0085	1.3064	1.4352	1.6489	1.4878	1.7508	1.7453
In-111	3.2501	2.3526	2.9906	3.2839	3.6573	3.2964	3.8963	3.9359
In-111m	0.9255	0.6680	0.8523	0.9331	1.0866	0.9896	1.1522	1.1478
In-112	0.4260	0.2885	0.3853	0.4278	0.4547	0.3972	0.4853	0.4961
In-112m	0.9676	0.6613	0.8774	0.9721	1.0356	0.9080	1.1039	1.1302
In-113m	0.9767	0.6971	0.8962	0.9852	1.1111	1.0021	1.1802	1.1885
In-114	0.0072	0.0049	0.0065	0.0073	0.0079	0.0069	0.0084	0.0085
In-114m	0.7911	0.5424	0.7179	0.7966	0.8497	0.7440	0.9083	0.9311
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	0.9443	0.6663	0.8640	0.9514	1.0535	0.9421	1.1205	1.1364
In-116m	2.0089	1.4369	1.8480	2.0218	2.4227	2.2220	2.5627	2.5181
In-117	2.0658	1.5308	1.9155	2.0885	2.4228	2.2180	2.5749	2.5666
In-117m	0.6744	0.4834	0.6195	0.6803	0.7567	0.6799	0.8055	0.8150
In-118m	2.5179	1.8018	2.3166	2.5341	3.0372	2.7840	3.2129	3.1560
In-118	0.0617	0.0440	0.0567	0.0620	0.0746	0.0685	0.0789	0.0774
In-119	1.2188	0.8445	1.1115	1.2289	1.3807	1.2263	1.4750	1.4816
In-119m	0.2161	0.1423	0.1943	0.2179	0.2252	0.1919	0.2431	0.2519
In-121	1.0272	0.7386	0.9467	1.0350	1.2346	1.1279	1.3064	1.2857
In-121m	0.7559	0.5224	0.6873	0.7595	0.8291	0.7363	0.8772	0.8910
Ir-180	3.5132	2.3334	3.1635	3.5656	3.6174	3.0475	3.9510	4.1343
Ir-182	3.5252	2.3229	3.1671	3.5801	3.5727	2.9825	3.9149	4.1227
Ir-183	4.1775	2.6210	3.7065	4.2472	4.0022	3.1916	4.4423	4.7675
Ir-184	5.2332	3.4424	4.6998	5.3120	5.3427	4.4697	5.8456	6.1318
Ir-185	4.6330	2.7618	4.0601	4.7195	4.1311	3.1016	4.6703	5.1491
Ir-186	5.0299	3.3223	4.5225	5.1054	5.1489	4.3180	5.6298	5.9025
Ir-186m	2.9965	1.9466	2.6835	3.0403	3.0315	2.5138	3.3234	3.4937
Ir-187	3.1432	1.8819	2.7571	3.2018	2.8130	2.1209	3.1744	3.4955
Ir-188	3.7231	2.4158	3.3328	3.7765	3.7802	3.1371	4.1417	4.3446
Ir-189	2.5288	1.4629	2.1999	2.5798	2.1470	1.5428	2.4562	2.7596
Ir-190	5.2063	3.5160	4.7067	5.2817	5.4833	4.6858	5.9586	6.1837
Ir-190m	0.8540	0.4109	0.7149	0.8761	0.5673	0.2906	0.7026	0.8675
Ir-190n	1.9266	1.1394	1.6844	1.9635	1.6841	1.2467	1.9094	2.1209
Ir-191m	2.5764	1.4874	2.2407	2.6277	2.1624	1.5404	2.4831	2.8039
Ir-192	2.4794	1.7890	2.2827	2.5113	2.8279	2.5434	3.0234	3.0583
Ir-192m	0.9570	0.4715	0.8049	0.9804	0.6487	0.3459	0.7963	0.9739

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ir-192n	1.9947	0.9856	1.6786	2.0432	1.3567	0.7276	1.6632	2.0314
Ir-193m	0.8489	0.4106	0.7114	0.8707	0.5673	0.2939	0.7009	0.8633
Ir-194	0.2213	0.1606	0.2041	0.2240	0.2555	0.2311	0.2725	0.2743
Ir-194m	5.1851	3.7124	4.7645	5.2442	5.9460	5.3462	6.3512	6.3955
Ir-195	1.9417	1.1462	1.6959	1.9782	1.6756	1.2272	1.9076	2.1268
Ir-195m	2.3277	1.4969	2.0772	2.3658	2.2710	1.8429	2.5108	2.6785
Ir-196	0.4416	0.3182	0.4066	0.4465	0.5125	0.4636	0.5461	0.5471
Ir-196m	5.8731	4.1278	5.3682	5.9449	6.5695	5.8220	7.0525	7.1606
K-38	0.8775	0.6192	0.8041	0.8816	1.0685	0.9746	1.1282	1.1037
K-40	0.1093	0.0744	0.0994	0.1102	0.1255	0.1113	0.1343	0.1342
K-42	0.1673	0.1185	0.1538	0.1682	0.2030	0.1856	0.2149	0.2103
K-43	1.8520	1.3598	1.7137	1.8712	2.2039	2.0220	2.3370	2.3213
K-44	1.3776	0.9791	1.2654	1.3852	1.6695	1.5279	1.7645	1.7289
K-45	1.7691	1.2976	1.6370	1.7859	2.1105	1.9345	2.2381	2.2139
K-46	1.3572	0.9607	1.2453	1.3636	1.6483	1.5115	1.7422	1.7037
Kr-74	2.3113	1.5449	2.0810	2.3451	2.3103	1.9220	2.5338	2.6756
Kr-75	1.8229	1.2798	1.6648	1.8464	1.9334	1.6825	2.0929	2.1668
Kr-76	3.3894	2.1384	3.0112	3.4400	3.1447	2.4610	3.5060	3.7937
Kr-77	1.8904	1.3449	1.7327	1.9147	2.0249	1.7795	2.1859	2.2607
Kr-79	1.9395	1.1484	1.6971	1.9704	1.6335	1.1707	1.8661	2.0881
Kr-81	1.5506	0.8521	1.3338	1.5771	1.1550	0.7219	1.3619	1.5922
Kr-81m	1.2407	0.8585	1.1275	1.2575	1.2735	1.0810	1.3865	1.4479
Kr-83m	0.6920	0.3732	0.5928	0.7047	0.5077	0.3101	0.6025	0.7096
Kr-85	0.0040	0.0029	0.0037	0.0040	0.0048	0.0044	0.0051	0.0050
Kr-85m	1.1715	0.8635	1.0841	1.1869	1.3127	1.1808	1.4071	1.4267
Kr-87	0.7653	0.5562	0.7064	0.7725	0.9146	0.8377	0.9686	0.9586
Kr-88	1.4997	1.0602	1.3737	1.5114	1.7263	1.5466	1.8388	1.8365
Kr-89	1.6322	1.1779	1.5043	1.6455	1.9488	1.7801	2.0649	2.0405
La-128	3.1671	2.2926	2.9198	3.1968	3.7368	3.4102	3.9652	3.9402
La-129	1.6442	1.1637	1.5039	1.6595	1.8471	1.6576	1.9694	1.9850
La-130	2.3559	1.6918	2.1674	2.3768	2.7617	2.5109	2.9318	2.9178
La-131	2.2362	1.5658	2.0390	2.2555	2.4871	2.2200	2.6541	2.6803
La-132	2.2695	1.6003	2.0768	2.2870	2.6203	2.3630	2.7854	2.7787
La-132m	2.2699	1.5859	2.0707	2.2924	2.5127	2.2312	2.6914	2.7321
La-133	1.4119	0.8856	1.2522	1.4261	1.3837	1.1338	1.5159	1.5956
La-134	0.4656	0.3088	0.4187	0.4683	0.4957	0.4306	0.5318	0.5413
La-135	1.0923	0.7148	0.9786	1.0986	1.1400	0.9808	1.2258	1.2547
La-136	0.7259	0.4760	0.6507	0.7301	0.7608	0.6558	0.8176	0.8357
La-137	1.0453	0.6812	0.9354	1.0514	1.0851	0.9305	1.1680	1.1978
La-138	1.4811	1.0139	1.3459	1.4905	1.6799	1.4959	1.7919	1.7907

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
La-140	1.9933	1.4313	1.8369	2.0084	2.3913	2.1834	2.5333	2.4978
La-141	0.0174	0.0123	0.0160	0.0175	0.0211	0.0193	0.0223	0.0218
La-142	1.3860	0.9890	1.2740	1.3943	1.6746	1.5303	1.7710	1.7388
La-143	0.1992	0.1425	0.1833	0.2005	0.2403	0.2198	0.2542	0.2498
Lu-165	3.5445	2.3558	3.1887	3.5998	3.6610	3.0925	3.9784	4.1541
Lu-167	3.9671	2.5963	3.5571	4.0244	4.0841	3.4277	4.4457	4.6384
Lu-169m	0.6277	0.2989	0.5244	0.6444	0.4133	0.2079	0.5139	0.6371
Lu-169	3.6608	2.3916	3.2805	3.7173	3.7537	3.1381	4.0891	4.2740
Lu-170	3.3978	2.2144	3.0447	3.4443	3.5431	2.9824	3.8503	3.9940
Lu-171m	0.6648	0.3179	0.5559	0.6824	0.4403	0.2240	0.5463	0.6758
Lu-171	4.2002	2.5694	3.7024	4.2752	3.9238	3.0600	4.3703	4.7266
Lu-172	4.7703	3.1275	4.2806	4.8406	4.9374	4.1472	5.3773	5.6006
Lu-172m	0.5643	0.2687	0.4715	0.5794	0.3716	0.1869	0.4620	0.5728
Lu-173	3.2777	2.0879	2.9147	3.3376	3.1890	2.5793	3.5057	3.7394
Lu-174	1.8854	1.1373	1.6552	1.9225	1.7193	1.3155	1.9222	2.1007
Lu-174m	2.6888	1.5164	2.3254	2.7468	2.2370	1.5676	2.5706	2.9113
Lu-176	3.1637	2.1419	2.8600	3.2164	3.2818	2.7865	3.5784	3.7468
Lu-176m	0.5773	0.3272	0.4996	0.5897	0.4782	0.3345	0.5516	0.6258
Lu-177	0.3727	0.2490	0.3355	0.3790	0.3774	0.3164	0.4130	0.4360
Lu-177m	6.9518	4.7531	6.2994	7.0637	7.3071	6.2702	7.9289	8.2497
Lu-178	0.4316	0.2615	0.3795	0.4393	0.3979	0.3070	0.4463	0.4857
Lu-178m	5.4398	3.7762	4.9472	5.5209	5.8488	5.0885	6.3209	6.5199
Lu-179	0.1666	0.1219	0.1536	0.1691	0.1886	0.1699	0.2016	0.2046
Lu-180	2.6190	1.7858	2.3747	2.6521	2.8539	2.4844	3.0799	3.1515
Lu-181	2.6803	1.6895	2.3810	2.7267	2.5902	2.0767	2.8715	3.0755
Mg-27	0.9301	0.6672	0.8570	0.9368	1.1209	1.0239	1.1858	1.1649
Mg-28	2.0060	1.4316	1.8422	2.0146	2.3748	2.1776	2.5030	2.4638
Mn-50m	3.0673	2.1909	2.8223	3.0870	3.7016	3.3877	3.9168	3.8443
Mn-51	0.0196	0.0105	0.0168	0.0200	0.0155	0.0101	0.0182	0.0210
Mn-52	3.1002	2.1308	2.8233	3.1276	3.5458	3.1461	3.7956	3.8012
Mn-52m	0.9180	0.6488	0.8428	0.9230	1.1085	1.0132	1.1738	1.1507
Mn-53	0.5071	0.2412	0.4236	0.5206	0.3337	0.1676	0.4150	0.5147
Mn-54	1.4139	0.8922	1.2593	1.4342	1.4245	1.1636	1.5697	1.6496
Mn-56	1.2863	0.9191	1.1838	1.2948	1.5538	1.4187	1.6436	1.6128
Mn-57	1.1695	0.6670	1.0149	1.1917	0.9617	0.6717	1.1111	1.2609
Mn-58m	2.0503	1.4686	1.8877	2.0643	2.4727	2.2640	2.6166	2.5703
Mo-101	1.8697	1.3047	1.7068	1.8883	2.1203	1.8852	2.2706	2.2854
Mo-102	0.1173	0.0881	0.1090	0.1188	0.1359	0.1246	0.1446	0.1452
Mo-89	0.2314	0.1631	0.2119	0.2328	0.2688	0.2424	0.2859	0.2834
Mo-90	3.6025	2.5461	3.2936	3.6346	3.8665	3.4141	4.1574	4.2367

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Mo-91m	0.9429	0.6701	0.8657	0.9489	1.1119	1.0099	1.1808	1.1667
Mo-91	0.0845	0.0556	0.0758	0.0849	0.0823	0.0686	0.0899	0.0933
Mo-93	1.1728	0.7649	1.0495	1.1782	1.1110	0.9123	1.2194	1.2742
Mo-93m	2.8075	2.0053	2.5798	2.8298	3.2694	2.9614	3.4783	3.4552
Mo-99	0.3566	0.2583	0.3286	0.3599	0.4106	0.3721	0.4370	0.4366
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	0.6074	0.4276	0.5550	0.6081	0.7414	0.6746	0.7787	0.7584
Na-22	0.9153	0.6496	0.8402	0.9199	1.1094	1.0210	1.1730	1.1483
Na-24	1.7715	1.2514	1.6249	1.7797	2.1543	1.9716	2.2754	2.2248
Nb-87	2.2858	1.6318	2.0944	2.3094	2.4575	2.1690	2.6429	2.7009
Nb-88m	3.4569	2.4872	3.1843	3.4839	4.1270	3.7698	4.3721	4.3164
Nb-88	4.8256	3.4287	4.4261	4.8622	5.5530	5.0022	5.9135	5.8931
Nb-89	0.5982	0.4045	0.5414	0.6013	0.6359	0.5500	0.6855	0.6953
Nb-89m	1.0720	0.7612	0.9827	1.0809	1.2105	1.0834	1.2930	1.2989
Nb-90	3.6847	2.5923	3.3703	3.7097	4.1492	3.7055	4.4317	4.4411
Nb-91	1.2467	0.8030	1.1125	1.2530	1.1477	0.9220	1.2678	1.3384
Nb-91m	1.0256	0.6689	0.9179	1.0307	0.9745	0.8008	1.0694	1.1173
Nb-92	3.0554	2.1124	2.7818	3.0761	3.3302	2.9224	3.5766	3.6127
Nb-92m	2.2086	1.4911	1.9981	2.2215	2.3065	1.9794	2.4934	2.5424
Nb-93m	0.2444	0.1532	0.2166	0.2463	0.2214	0.1744	0.2463	0.2630
Nb-94m	0.8119	0.5275	0.7259	0.8160	0.7666	0.6272	0.8424	0.8820
Nb-94	1.7989	1.2951	1.6583	1.8124	2.1622	1.9761	2.2894	2.2526
Nb-95	0.8937	0.6438	0.8241	0.9006	1.0737	0.9812	1.1372	1.1186
Nb-95m	1.0731	0.7287	0.9703	1.0810	1.0811	0.9208	1.1748	1.2123
Nb-96	2.9184	2.1075	2.6914	2.9416	3.5012	3.2047	3.7075	3.6550
Nb-97	0.9044	0.6549	0.8343	0.9115	1.0834	0.9916	1.1483	1.1329
Nb-98m	2.8480	2.0478	2.6245	2.8691	3.4202	3.1262	3.6221	3.5646
Nb-99	2.2503	1.6361	2.0707	2.2714	2.4788	2.2284	2.6510	2.6881
Nb-99m	0.7167	0.5133	0.6583	0.7222	0.8335	0.7552	0.8856	0.8805
Nd-134	2.3841	1.6898	2.1807	2.4094	2.6492	2.3648	2.8338	2.8694
Nd-135	2.7659	1.9187	2.5155	2.7965	3.0269	2.6674	3.2484	3.3129
Nd-136	2.4671	1.6597	2.2240	2.4895	2.6101	2.2626	2.8110	2.8886
Nd-137	2.4743	1.7020	2.2462	2.4944	2.7375	2.4227	2.9273	2.9591
Nd-138	1.1299	0.7405	1.0120	1.1387	1.1729	1.0044	1.2650	1.3038
Nd-139	1.0331	0.6894	0.9300	1.0411	1.1018	0.9568	1.1839	1.2099
Nd-139m	3.5427	2.4678	3.2287	3.5711	3.9887	3.5604	4.2545	4.2789
Nd-140	1.0541	0.6851	0.9420	1.0621	1.0851	0.9242	1.1719	1.2105
Nd-141	1.0643	0.6941	0.9520	1.0722	1.1012	0.9409	1.1881	1.2250
Nd-141m	0.9075	0.6476	0.8343	0.9147	1.0743	0.9758	1.1399	1.1269
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Nd-147	1.1289	0.7801	1.0238	1.1398	1.2262	1.0797	1.3147	1.3403
Nd-149	1.8088	1.3031	1.6615	1.8302	2.0434	1.8397	2.1812	2.2059
Nd-151	1.9874	1.4427	1.8310	2.0073	2.2990	2.0921	2.4439	2.4478
Nd-152	0.8971	0.6183	0.8149	0.9099	0.9528	0.8254	1.0323	1.0658
Ne-19	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Ne-24	0.9982	0.7312	0.9231	1.0082	1.1894	1.0909	1.2603	1.2515
Ni-56	4.0869	2.7871	3.7084	4.1456	4.3804	3.7744	4.7575	4.8980
Ni-57	1.6010	1.0277	1.4315	1.6209	1.6555	1.3839	1.8123	1.8881
Ni-59	0.8792	0.4183	0.7344	0.9026	0.5785	0.2906	0.7195	0.8924
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.4191	0.2990	0.3856	0.4217	0.5066	0.4639	0.5360	0.5260
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	4.9429	3.2910	4.4489	5.0004	4.9866	4.1723	5.4499	5.6978
Np-233	2.0658	1.3504	1.8469	2.0914	1.9735	1.6018	2.1783	2.3203
Np-234	3.1768	2.0612	2.8403	3.2123	3.1065	2.5408	3.4175	3.6048
Np-235	1.1710	0.6681	1.0155	1.1884	0.9356	0.6416	1.0813	1.2257
Np-236	5.1944	3.2592	4.6026	5.2608	4.7078	3.6585	5.2638	5.7002
Np-236m	1.2272	0.7904	1.0934	1.2424	1.1506	0.9202	1.2755	1.3666
Np-237	2.1050	1.2798	1.8516	2.1305	1.8392	1.3831	2.0713	2.2692
Np-238	1.5026	0.9592	1.3399	1.5181	1.4729	1.1991	1.6199	1.7039
Np-239	3.1107	2.0169	2.7778	3.1524	2.9725	2.4071	3.2860	3.5080
Np-240	4.4290	2.8825	3.9648	4.4789	4.3623	3.5864	4.7916	5.0427
Np-240m	1.2850	0.8210	1.1454	1.2994	1.2404	1.0033	1.3691	1.4499
Np-241	0.7931	0.5184	0.7095	0.8029	0.7615	0.6204	0.8398	0.8933
Np-242	0.3562	0.2373	0.3213	0.3594	0.3783	0.3237	0.4097	0.4194
Np-242m	3.9915	2.5609	3.5614	4.0373	3.8573	3.1257	4.2555	4.5025
O-14	0.8685	0.6124	0.7957	0.8724	1.0583	0.9655	1.1170	1.0921
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	1.6229	1.2047	1.5043	1.6410	1.9222	1.7671	2.0379	2.0295
Os-180	2.8279	1.6458	2.4634	2.8830	2.4346	1.7730	2.7733	3.0967
Os-181	4.6827	3.0175	4.1828	4.7577	4.6596	3.8239	5.1250	5.4239
Os-182	3.4923	2.1808	3.0944	3.5553	3.2961	2.6022	3.6726	3.9698
Os-183	4.6595	2.9871	4.1547	4.7387	4.5521	3.6987	5.0226	5.3584
Os-183m	2.6425	1.6686	2.3495	2.6829	2.6024	2.1113	2.8688	3.0430
Os-185	2.5624	1.6304	2.2820	2.6025	2.5269	2.0550	2.7855	2.9554
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	0.8199	0.3932	0.6860	0.8413	0.5432	0.2767	0.6735	0.8327
Os-190m	5.0103	3.3736	4.5277	5.0838	5.2687	4.4904	5.7378	5.9636
Os-191	2.6588	1.5523	2.3183	2.7109	2.2646	1.6380	2.5894	2.9080
Os-191m	0.9596	0.4845	0.8111	0.9832	0.6809	0.3900	0.8243	0.9924

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Os-193	0.7069	0.4319	0.6229	0.7197	0.6432	0.4935	0.7235	0.7922
Os-194	0.7714	0.3902	0.6521	0.7896	0.5467	0.3132	0.6610	0.7949
Os-196	0.5853	0.3851	0.5253	0.5946	0.5863	0.4867	0.6434	0.6806
P-30	0.0007	0.0005	0.0006	0.0007	0.0008	0.0007	0.0009	0.0009
P-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pa-227	1.0370	0.6327	0.9127	1.0514	0.9062	0.6803	1.0223	1.1234
Pa-228	5.6405	3.6505	5.0405	5.7086	5.4709	4.4453	6.0327	6.3907
Pa-229	1.9908	1.2648	1.7677	2.0167	1.8285	1.4361	2.0382	2.2007
Pa-230	3.3286	2.1472	2.9709	3.3684	3.2015	2.5884	3.5349	3.7529
Pa-231	2.1437	1.2402	1.8654	2.1755	1.7575	1.2357	2.0177	2.2708
Pa-232	2.7205	1.7820	2.4413	2.7504	2.7317	2.2666	2.9905	3.1261
Pa-233	2.6387	1.6988	2.3537	2.6731	2.4987	2.0046	2.7687	2.9623
Pa-234	5.3403	3.5138	4.7940	5.4010	5.3271	4.4176	5.8368	6.1206
Pa-234m	0.0424	0.0278	0.0380	0.0429	0.0426	0.0353	0.0466	0.0487
Pa-235	0.2968	0.1415	0.2480	0.3046	0.1957	0.0987	0.2431	0.3013
Pa-236	1.8770	1.2273	1.6834	1.8964	1.8939	1.5744	2.0720	2.1610
Pa-237	1.0097	0.6788	0.9133	1.0214	1.0931	0.9422	1.1830	1.2109
Pb-194	3.8884	2.5412	3.4825	3.9435	3.8824	3.2034	4.2661	4.4976
Pb-195m	5.4872	3.5689	4.9122	5.5659	5.4676	4.4962	6.0137	6.3473
Pb-196	3.6605	2.3804	3.2726	3.7166	3.5836	2.9244	3.9544	4.2027
Pb-197	3.4468	2.2810	3.0986	3.4919	3.5483	2.9830	3.8734	4.0363
Pb-197m	4.8303	3.1499	4.3251	4.9009	4.8000	3.9467	5.2812	5.5808
Pb-198	3.5633	2.3146	3.1853	3.6187	3.4761	2.8297	3.8397	4.0872
Pb-199	3.0613	2.0044	2.7438	3.1038	3.0809	2.5538	3.3797	3.5526
Pb-200	3.5673	2.2546	3.1665	3.6253	3.3253	2.6183	3.7115	4.0143
Pb-201	3.4665	2.2856	3.1124	3.5165	3.4904	2.8999	3.8285	4.0296
Pb-201m	1.2866	0.8421	1.1529	1.3034	1.2935	1.0708	1.4196	1.4907
Pb-202	0.8286	0.4086	0.6970	0.8488	0.5621	0.3001	0.6897	0.8432
Pb-202m	3.4464	2.3938	3.1424	3.4830	3.8495	3.3937	4.1318	4.1809
Pb-203	3.0292	1.9711	2.7086	3.0772	2.9546	2.4074	3.2637	3.4755
Pb-204m	2.9053	2.0735	2.6701	2.9325	3.3967	3.0687	3.6131	3.5976
Pb-205	0.8387	0.4136	0.7055	0.8591	0.5689	0.3038	0.6981	0.8535
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	0.9158	0.4942	0.7847	0.9333	0.6829	0.4254	0.8075	0.9463
Pb-211	0.1282	0.0901	0.1172	0.1296	0.1441	0.1278	0.1544	0.1560
Pb-212	1.3787	0.9268	1.2423	1.3992	1.3892	1.1624	1.5221	1.6001
Pb-214	1.4176	0.9547	1.2797	1.4381	1.4508	1.2224	1.5851	1.6597
Pd-100	3.2252	2.2610	2.9339	3.2475	3.4896	3.0880	3.7320	3.7837
Pd-101	2.5205	1.7221	2.2815	2.5371	2.6766	2.3336	2.8735	2.9309

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pd-103	1.0998	0.7357	0.9893	1.1060	1.1302	0.9687	1.2185	1.2525
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.0460	0.7570	0.9616	1.0570	1.1699	1.0511	1.2481	1.2627
Pd-109	0.5912	0.3921	0.5312	0.5947	0.6061	0.5171	0.6530	0.6765
Pd-111	0.0747	0.0538	0.0687	0.0753	0.0877	0.0799	0.0930	0.0923
Pd-112	0.4998	0.3228	0.4459	0.5033	0.4794	0.3933	0.5258	0.5514
Pd-114	0.1527	0.1141	0.1418	0.1545	0.1771	0.1628	0.1880	0.1892
Pd-96	2.7458	1.9641	2.5207	2.7672	3.1224	2.8190	3.3227	3.3360
Pd-97	2.1986	1.5766	2.0209	2.2177	2.5597	2.3211	2.7201	2.7081
Pd-98	2.6391	1.8706	2.4108	2.6597	2.9005	2.5869	3.0969	3.1357
Pd-99	2.2750	1.6409	2.0924	2.2953	2.5788	2.3311	2.7469	2.7637
Pm-136	2.9358	2.1290	2.7087	2.9637	3.4791	3.1768	3.6904	3.6626
Pm-137m	3.7730	2.6998	3.4605	3.8127	4.2801	3.8534	4.5645	4.5980
Pm-139	0.7264	0.4999	0.6595	0.7330	0.8019	0.7087	0.8582	0.8698
Pm-140m	3.2732	2.3355	3.0073	3.3007	3.8531	3.4977	4.0888	4.0564
Pm-140	0.2696	0.1858	0.2451	0.2718	0.3025	0.2688	0.3231	0.3251
Pm-141	0.7055	0.4691	0.6346	0.7111	0.7529	0.6525	0.8096	0.8276
Pm-142	0.2910	0.1913	0.2609	0.2933	0.3057	0.2626	0.3295	0.3385
Pm-143	1.4117	0.9402	1.2706	1.4234	1.5061	1.3043	1.6201	1.6566
Pm-144	3.3043	2.3149	3.0173	3.3320	3.7668	3.3742	4.0165	4.0267
Pm-145	1.1165	0.7194	0.9954	1.1266	1.1322	0.9532	1.2283	1.2785
Pm-146	1.8529	1.2925	1.6897	1.8696	2.0911	1.8657	2.2320	2.2464
Pm-147	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Pm-148	0.5371	0.3857	0.4947	0.5409	0.6462	0.5913	0.6841	0.6735
Pm-148m	3.1359	2.2694	2.8910	3.1637	3.7192	3.3945	3.9459	3.9135
Pm-149	0.0447	0.0316	0.0409	0.0453	0.0495	0.0438	0.0533	0.0544
Pm-150	1.7358	1.2589	1.6022	1.7513	2.0715	1.8970	2.1955	2.1743
Pm-151	1.4559	1.0355	1.3332	1.4732	1.6290	1.4549	1.7429	1.7672
Pm-152m	3.1624	2.2746	2.9075	3.1967	3.6336	3.2875	3.8713	3.8898
Pm-152	0.5978	0.4223	0.5470	0.6036	0.6751	0.6048	0.7207	0.7279
Pm-153	1.0316	0.7065	0.9347	1.0433	1.0915	0.9489	1.1781	1.2180
Pm-154	1.7865	1.2316	1.6250	1.8017	2.0275	1.8001	2.1672	2.1755
Pm-154m	3.0482	2.1530	2.7887	3.0799	3.4614	3.0975	3.6984	3.7223
Po-203	3.9760	2.6241	3.5711	4.0250	4.0422	3.3724	4.4212	4.6179
Po-204	6.5047	4.1124	5.7770	6.6015	6.1453	4.8701	6.8371	7.3459
Po-205	3.7442	2.4727	3.3639	3.7895	3.8289	3.2034	4.1834	4.3591
Po-206	5.1181	3.2696	4.5591	5.1902	4.9235	3.9514	5.4540	5.8192
Po-207	3.3921	2.2461	3.0492	3.4333	3.4745	2.9116	3.7943	3.9524
Po-208	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-209	0.0669	0.0367	0.0575	0.0684	0.0531	0.0353	0.0622	0.0717

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-211	0.0107	0.0077	0.0098	0.0108	0.0127	0.0115	0.0135	0.0133
Po-212m	0.0415	0.0296	0.0382	0.0418	0.0499	0.0455	0.0528	0.0520
Po-212	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-213	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0001	0.0001
Po-214	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-215	0.0004	0.0003	0.0004	0.0004	0.0005	0.0004	0.0005	0.0005
Po-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-134	4.1697	3.0191	3.8434	4.2096	4.9081	4.4748	5.2093	5.1821
Pr-134m	1.9141	1.3752	1.7607	1.9312	2.2528	2.0501	2.3903	2.3754
Pr-135	1.8376	1.2726	1.6703	1.8535	2.0231	1.7928	2.1639	2.1925
Pr-136	2.2053	1.5637	2.0213	2.2224	2.5677	2.3228	2.7281	2.7167
Pr-137	0.9112	0.6024	0.8183	0.9175	0.9618	0.8313	1.0341	1.0581
Pr-138	0.3062	0.2023	0.2750	0.3083	0.3240	0.2802	0.3482	0.3559
Pr-138m	3.8162	2.6989	3.4967	3.8482	4.4130	3.9798	4.6933	4.6821
Pr-139	0.9938	0.6494	0.8896	1.0005	1.0328	0.8856	1.1127	1.1436
Pr-140	0.5300	0.3463	0.4744	0.5335	0.5508	0.4722	0.5933	0.6098
Pr-142	0.0334	0.0236	0.0307	0.0336	0.0405	0.0370	0.0429	0.0420
Pr-142m	0.0399	0.0190	0.0333	0.0410	0.0263	0.0132	0.0327	0.0405
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0209	0.0149	0.0192	0.0210	0.0252	0.0230	0.0267	0.0262
Pr-144m	0.5686	0.3430	0.4992	0.5758	0.5287	0.4153	0.5875	0.6327
Pr-145	0.0342	0.0239	0.0312	0.0344	0.0390	0.0349	0.0415	0.0415
Pr-146	1.0046	0.7254	0.9263	1.0127	1.2043	1.1025	1.2754	1.2590
Pr-147	2.2843	1.5607	2.0685	2.3055	2.4798	2.1755	2.6604	2.7115
Pr-148	1.3173	0.9605	1.2172	1.3302	1.5658	1.4339	1.6607	1.6488
Pr-148m	1.9681	1.4467	1.8218	1.9900	2.3267	2.1311	2.4698	2.4618
Pt-184	7.2795	4.5427	6.4468	7.4081	6.8065	5.3447	7.5998	8.2335
Pt-186	3.4686	2.1897	3.0818	3.5249	3.3401	2.6761	3.7025	3.9633
Pt-187	4.5012	2.8063	3.9852	4.5789	4.2191	3.3187	4.7049	5.0914
Pt-188	3.3437	2.0496	2.9480	3.4053	3.0461	2.3412	3.4214	3.7444
Pt-189	4.3339	2.6615	3.8232	4.4104	3.9861	3.0845	4.4665	4.8661
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	3.9362	2.4127	3.4702	4.0066	3.6008	2.7767	4.0381	4.4089
Pt-193	0.8802	0.4304	0.7392	0.9022	0.5927	0.3120	0.7296	0.8952
Pt-193m	1.2114	0.6300	1.0299	1.2394	0.8879	0.5347	1.0626	1.2620
Pt-195m	3.5099	1.9764	3.0340	3.5813	2.8506	1.9577	3.3034	3.7699
Pt-197	0.9947	0.5632	0.8606	1.0144	0.8068	0.5538	0.9360	1.0672
Pt-197m	2.3650	1.3310	2.0448	2.4130	1.9185	1.3143	2.2242	2.5392

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pt-199	0.6261	0.4252	0.5669	0.6347	0.6634	0.5688	0.7205	0.7459
Pt-200	1.4952	0.8849	1.3069	1.5232	1.2909	0.9459	1.4710	1.6395
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pu-232	1.5340	1.0047	1.3722	1.5528	1.4704	1.1976	1.6214	1.7253
Pu-234	1.8050	1.1704	1.6108	1.8274	1.7082	1.3770	1.8894	2.0192
Pu-235	2.5044	1.6071	2.2297	2.5358	2.3418	1.8687	2.5973	2.7864
Pu-236	0.3512	0.2056	0.3063	0.3558	0.2895	0.2061	0.3311	0.3699
Pu-237	1.9132	1.1967	1.6934	1.9382	1.7310	1.3432	1.9355	2.1003
Pu-238	0.3247	0.1900	0.2832	0.3289	0.2675	0.1902	0.3060	0.3419
Pu-239	0.1956	0.1082	0.1685	0.1990	0.1516	0.0998	0.1772	0.2039
Pu-240	0.3052	0.1787	0.2662	0.3092	0.2515	0.1789	0.2877	0.3215
Pu-241	0.0001	0.0000	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001
Pu-242	0.2618	0.1532	0.2283	0.2652	0.2157	0.1534	0.2467	0.2757
Pu-243	0.6401	0.4189	0.5723	0.6476	0.6212	0.5092	0.6839	0.7231
Pu-244	0.2370	0.1416	0.2077	0.2400	0.2027	0.1491	0.2298	0.2536
Pu-245	1.4378	0.9990	1.3089	1.4538	1.5454	1.3482	1.6671	1.7101
Pu-246	2.4789	1.6467	2.2273	2.5084	2.4626	2.0536	2.6924	2.8309
Ra-219	0.9572	0.6599	0.8692	0.9699	1.0057	0.8644	1.0920	1.1325
Ra-220	0.0100	0.0073	0.0093	0.0101	0.0117	0.0107	0.0125	0.0125
Ra-221	1.0988	0.6699	0.9673	1.1158	0.9594	0.7168	1.0862	1.1980
Ra-222	0.0331	0.0241	0.0306	0.0336	0.0377	0.0339	0.0403	0.0408
Ra-223	1.8924	1.2226	1.6881	1.9204	1.8044	1.4508	2.0016	2.1426
Ra-224	0.0607	0.0432	0.0556	0.0616	0.0661	0.0582	0.0712	0.0730
Ra-225	0.7618	0.4761	0.6742	0.7692	0.7103	0.5643	0.7856	0.8405
Ra-226	0.9858	0.7086	0.9083	0.9931	1.1887	1.0894	1.2534	1.2392
Ra-227	2.2820	1.3934	2.0107	2.3131	2.0281	1.5395	2.2806	2.4950
Ra-228	1.0418	0.7500	0.9604	1.0503	1.2533	1.1489	1.3179	1.3054
Ra-230	0.9624	0.6217	0.8587	0.9760	0.9196	0.7412	1.0178	1.0874
Rb-77	1.7612	1.2533	1.6134	1.7801	1.9511	1.7307	2.0873	2.1157
Rb-78m	2.3901	1.7209	2.2008	2.4095	2.8383	2.5882	3.0097	2.9797
Rb-78	1.8893	1.3341	1.7306	1.9036	2.2043	1.9846	2.3444	2.3321
Rb-79	2.3731	1.6394	2.1583	2.4011	2.4842	2.1297	2.6954	2.7901
Rb-80	0.2864	0.2043	0.2630	0.2888	0.3327	0.3000	0.3545	0.3535
Rb-81	1.5080	0.9390	1.3355	1.5262	1.3475	1.0239	1.5101	1.6458
Rb-81m	1.1708	0.7206	1.0329	1.1821	0.9859	0.7189	1.1140	1.2309
Rb-82	0.2148	0.1450	0.1945	0.2168	0.2293	0.1963	0.2480	0.2537
Rb-82m	4.2131	2.8734	3.8240	4.2513	4.5648	3.9510	4.9232	5.0161
Rb-83	2.3896	1.5091	2.1240	2.4179	2.2079	1.7210	2.4583	2.6502
Rb-84	1.6916	1.0723	1.5062	1.7096	1.5992	1.2630	1.7711	1.8884
Rb-84m	1.7668	1.2549	1.6174	1.7888	1.9109	1.6763	2.0583	2.1079

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Rb-86m	0.9188	0.6670	0.8477	0.9270	1.0879	0.9929	1.1546	1.1468
Rb-86	0.0821	0.0585	0.0755	0.0826	0.0992	0.0908	0.1049	0.1029
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rb-88	0.3634	0.2581	0.3339	0.3654	0.4406	0.4021	0.4657	0.4563
Rb-89	1.5659	1.1154	1.4392	1.5751	1.8946	1.7344	2.0028	1.9641
Rb-90	0.8266	0.5881	0.7594	0.8312	1.0012	0.9142	1.0578	1.0360
Rb-90m	1.9193	1.3650	1.7637	1.9311	2.3088	2.1044	2.4432	2.3994
Re-178	3.4051	2.1792	3.0354	3.4608	3.3594	2.7390	3.7027	3.9321
Re-179	4.0124	2.6193	3.5957	4.0768	4.0529	3.3638	4.4422	4.6809
Re-180	3.6452	2.2911	3.2364	3.7043	3.5435	2.8480	3.9183	4.1787
Re-181	4.2811	2.7176	3.8094	4.3543	4.1665	3.3640	4.6047	4.9187
Re-182	8.0502	5.2188	7.1984	8.1828	8.0085	6.5891	8.8062	9.3274
Re-182m	4.2745	2.7124	3.8017	4.3429	4.1834	3.3924	4.6136	4.9074
Re-183	3.9928	2.3802	3.4974	4.0723	3.5362	2.6446	3.9988	4.4237
Re-184	3.2352	2.0451	2.8766	3.2875	3.1623	2.5546	3.4911	3.7161
Re-184m	3.4919	2.1145	3.0707	3.5586	3.1668	2.4169	3.5645	3.9100
Re-186	0.4079	0.2544	0.3613	0.4153	0.3788	0.2971	0.4234	0.4609
Re-186m	2.4996	1.2652	2.1135	2.5605	1.7850	1.0321	2.1557	2.5887
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	0.3975	0.2653	0.3583	0.4041	0.4026	0.3365	0.4420	0.4650
Re-188m	2.7775	1.5856	2.4087	2.8355	2.3209	1.6403	2.6680	3.0178
Re-189	0.5022	0.3210	0.4475	0.5114	0.4823	0.3871	0.5359	0.5762
Re-190	3.1665	2.2707	2.9095	3.2052	3.6145	3.2453	3.8636	3.8952
Re-190m	3.2584	2.1821	2.9396	3.3069	3.3964	2.8822	3.7006	3.8566
Rh-100m	1.6029	1.0773	1.4437	1.6126	1.6630	1.4321	1.7908	1.8365
Rh-100	3.2493	2.2770	2.9679	3.2708	3.6969	3.3100	3.9397	3.9358
Rh-101	3.0349	2.1797	2.7850	3.0638	3.3416	2.9902	3.5725	3.6303
Rh-101m	2.0151	1.4114	1.8376	2.0327	2.1831	1.9258	2.3423	2.3830
Rh-102	1.2866	0.8933	1.1707	1.2961	1.4025	1.2369	1.5028	1.5218
Rh-102m	4.0328	2.8559	3.6938	4.0635	4.6130	4.1477	4.9135	4.9085
Rh-103m	0.1771	0.1070	0.1555	0.1794	0.1600	0.1233	0.1790	0.1943
Rh-104	0.0246	0.0176	0.0226	0.0248	0.0284	0.0257	0.0302	0.0302
Rh-104m	1.6052	1.1046	1.4541	1.6190	1.7179	1.5038	1.8334	1.8651
Rh-105	0.2536	0.1887	0.2355	0.2567	0.2986	0.2740	0.3171	0.3178
Rh-106	0.3140	0.2285	0.2900	0.3168	0.3752	0.3437	0.3975	0.3936
Rh-106m	3.4663	2.5099	3.1982	3.4950	4.1531	3.8033	4.3984	4.3433
Rh-107	0.9812	0.7296	0.9109	0.9935	1.1557	1.0608	1.2274	1.2285
Rh-108	0.6035	0.4421	0.5580	0.6096	0.7179	0.6583	0.7609	0.7557
Rh-109	1.1785	0.8690	1.0907	1.1922	1.3675	1.2484	1.4536	1.4589
Rh-94	2.2072	1.5799	2.0318	2.2217	2.6576	2.4323	2.8128	2.7656

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Rh-95	1.7271	1.2178	1.5821	1.7378	2.0211	1.8268	2.1458	2.1239
Rh-95m	0.9983	0.7182	0.9185	1.0064	1.1727	1.0664	1.2448	1.2369
Rh-96	3.7724	2.6975	3.4688	3.7996	4.4665	4.0622	4.7385	4.6820
Rh-96m	1.2230	0.8483	1.1143	1.2309	1.3802	1.2284	1.4721	1.4730
Rh-97	1.6320	1.1592	1.4956	1.6458	1.8593	1.6716	1.9811	1.9837
Rh-97m	2.7392	1.9363	2.5061	2.7606	3.0987	2.7747	3.3045	3.3120
Rh-98	1.1281	0.8083	1.0374	1.1363	1.3319	1.2114	1.4139	1.3994
Rh-99	2.8919	2.0214	2.6334	2.9142	3.1370	2.7687	3.3627	3.4109
Rh-99m	2.1701	1.5204	1.9797	2.1878	2.3813	2.1100	2.5503	2.5816
Rn-207	2.8403	1.9272	2.5687	2.8751	2.9720	2.5363	3.2306	3.3448
Rn-209	3.2007	2.1602	2.8905	3.2395	3.3347	2.8362	3.6279	3.7590
Rn-210	0.2640	0.1722	0.2363	0.2676	0.2604	0.2134	0.2867	0.3029
Rn-211	3.8731	2.6071	3.4981	3.9163	4.0808	3.4845	4.4312	4.5673
Rn-212	0.0005	0.0003	0.0004	0.0005	0.0005	0.0005	0.0006	0.0006
Rn-215	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0012	0.0008	0.0011	0.0012	0.0014	0.0013	0.0015	0.0015
Rn-219	0.2325	0.1663	0.2133	0.2357	0.2584	0.2299	0.2776	0.2825
Rn-220	1.1176	0.8139	1.0322	1.1261	1.3377	1.2303	1.4130	1.4008
Rn-222	0.0007	0.0005	0.0007	0.0007	0.0009	0.0008	0.0009	0.0009
Rn-223	2.1285	1.3181	1.8816	2.1599	1.9467	1.5057	2.1817	2.3675
Ru-103	0.9231	0.6746	0.8530	0.9319	1.0978	1.0057	1.1634	1.1559
Ru-105	1.4319	1.0346	1.3191	1.4449	1.6728	1.5208	1.7772	1.7703
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	0.5591	0.4089	0.5167	0.5647	0.6623	0.6061	0.7022	0.6974
Ru-108	0.5836	0.4301	0.5395	0.5906	0.6593	0.5961	0.7046	0.7100
Ru-92	6.0210	4.3018	5.5193	6.0793	6.6686	5.9606	7.1272	7.2044
Ru-94	2.1514	1.4944	1.9584	2.1684	2.3211	2.0391	2.4929	2.5312
Ru-95	2.5353	1.7812	2.3165	2.5553	2.8167	2.5054	3.0134	3.0364
Ru-97	2.2770	1.6042	2.0782	2.2985	2.4476	2.1558	2.6298	2.6799
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	0.8048	0.5659	0.7371	0.8077	0.9817	0.8958	1.0350	1.0106
S-38	0.7687	0.5433	0.7049	0.7724	0.9356	0.8536	0.9884	0.9672
Sb-111	1.8095	1.3252	1.6725	1.8272	2.0998	1.9138	2.2304	2.2302
Sb-113	1.4220	1.0164	1.3060	1.4328	1.6408	1.4853	1.7402	1.7441
Sb-114	1.6407	1.1603	1.5046	1.6496	1.9509	1.7796	2.0648	2.0371
Sb-115	1.6397	1.1561	1.5004	1.6503	1.8620	1.6735	1.9755	1.9892
Sb-116	1.6707	1.1668	1.5265	1.6782	1.9492	1.7641	2.0638	2.0484
Sb-116m	4.8181	3.4221	4.4182	4.8490	5.5779	5.0540	5.9108	5.8999

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Sb-117	2.1643	1.5417	1.9847	2.1813	2.4044	2.1524	2.5591	2.5930
Sb-118	0.3144	0.2122	0.2844	0.3153	0.3388	0.2974	0.3600	0.3677
Sb-118m	4.9893	3.5205	4.5662	5.0203	5.7247	5.1721	6.0659	6.0678
Sb-119	1.3510	0.8870	1.2129	1.3566	1.3925	1.1900	1.4922	1.5500
Sb-120	0.6301	0.4226	0.5689	0.6317	0.6701	0.5848	0.7124	0.7312
Sb-120m	5.0714	3.6390	4.6573	5.1081	5.8587	5.3150	6.2085	6.2044
Sb-122m	1.9747	1.3441	1.7871	1.9900	2.1073	1.8387	2.2508	2.3092
Sb-122	0.7211	0.5234	0.6653	0.7272	0.8580	0.7849	0.9094	0.9014
Sb-124	1.7064	1.2278	1.5722	1.7184	2.0522	1.8772	2.1734	2.1403
Sb-124m	0.7945	0.5505	0.7239	0.8033	0.8905	0.7860	0.9570	0.9696
Sb-124n	0.1391	0.0662	0.1162	0.1428	0.0916	0.0460	0.1139	0.1412
Sb-125	1.5587	1.0962	1.4246	1.5693	1.7612	1.5810	1.8712	1.8819
Sb-126	3.9597	2.8748	3.6553	3.9939	4.7343	4.3342	5.0170	4.9576
Sb-126m	2.4082	1.7476	2.2222	2.4304	2.8651	2.6190	3.0390	3.0106
Sb-127	1.1641	0.8454	1.0743	1.1747	1.3808	1.2623	1.4639	1.4516
Sb-128	4.3907	3.1895	4.0548	4.4290	5.2472	4.8027	5.5610	5.4985
Sb-128m	2.8631	2.0837	2.6459	2.8897	3.4134	3.1224	3.6191	3.5843
Sb-129	1.5227	1.0965	1.4037	1.5343	1.8297	1.6728	1.9369	1.9073
Sb-130m	3.3361	2.4113	3.0776	3.3636	3.9872	3.6433	4.2233	4.1672
Sb-130	4.8613	3.5416	4.4922	4.9069	5.7824	5.2887	6.1299	6.0729
Sb-131	1.9201	1.3787	1.7685	1.9337	2.3089	2.1112	2.4435	2.4051
Sb-133	2.0009	1.4293	1.8408	2.0136	2.4170	2.2118	2.5563	2.5097
Sc-42m	2.7681	1.9877	2.5493	2.7879	3.3329	3.0564	3.5279	3.4725
Sc-43	0.2481	0.1759	0.2274	0.2516	0.2783	0.2475	0.2988	0.3040
Sc-44	0.9569	0.6776	0.8781	0.9626	1.1505	1.0518	1.2180	1.1966
Sc-44m	0.9587	0.7079	0.8875	0.9726	1.1104	1.0118	1.1842	1.1912
Sc-46	1.8648	1.3326	1.7161	1.8769	2.2521	2.0603	2.3814	2.3370
Sc-47	0.7921	0.6034	0.7397	0.8033	0.9264	0.8524	0.9872	0.9856
Sc-48	2.9129	2.0798	2.6797	2.9310	3.5200	3.2227	3.7217	3.6518
Sc-49	0.0005	0.0004	0.0005	0.0005	0.0006	0.0006	0.0007	0.0007
Sc-50	2.6721	1.9137	2.4603	2.6897	3.2235	2.9506	3.4111	3.3535
Se-70	3.9275	2.2152	3.3987	4.0092	3.2242	2.2298	3.7273	4.2400
Se-71	1.1786	0.8460	1.0841	1.1920	1.3431	1.2070	1.4368	1.4469
Se-72	3.0660	1.6506	2.6251	3.1315	2.3680	1.5284	2.7794	3.2303
Se-73	2.6265	1.7129	2.3524	2.6685	2.6143	2.1539	2.8743	3.0451
Se-73m	0.5771	0.3290	0.5006	0.5882	0.4749	0.3302	0.5486	0.6223
Se-75	3.8652	2.4108	3.4251	3.9369	3.5729	2.7876	4.0095	4.3752
Se-77m	1.3699	0.8611	1.2161	1.3944	1.2556	0.9727	1.4114	1.5370
Se-79m	1.4287	0.7672	1.2225	1.4575	1.0599	0.6544	1.2583	1.4809
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Se-81	0.0189	0.0140	0.0175	0.0192	0.0223	0.0205	0.0237	0.0237
Se-81m	1.4699	0.7990	1.2610	1.4992	1.1083	0.6995	1.3093	1.5321
Se-83m	0.9380	0.6750	0.8644	0.9451	1.1277	1.0311	1.1935	1.1760
Se-83	3.1793	2.3138	2.9362	3.2087	3.7950	3.4757	4.0216	3.9826
Se-84	0.9713	0.7159	0.8993	0.9826	1.1517	1.0573	1.2212	1.2160
Si-31	0.0006	0.0005	0.0006	0.0006	0.0008	0.0007	0.0008	0.0008
Si-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-139	1.8012	1.2852	1.6526	1.8208	2.0577	1.8519	2.1949	2.2081
Sm-140	1.5799	1.0714	1.4281	1.5955	1.6991	1.4819	1.8269	1.8697
Sm-141	1.6478	1.1576	1.5054	1.6635	1.8746	1.6800	1.9990	2.0093
Sm-141m	3.3822	2.3975	3.0968	3.4156	3.8579	3.4643	4.1121	4.1315
Sm-142	1.0173	0.6583	0.9078	1.0268	1.0373	0.8763	1.1238	1.1685
Sm-143	0.6370	0.4147	0.5694	0.6428	0.6564	0.5576	0.7100	0.7355
Sm-143m	0.9140	0.6506	0.8396	0.9214	1.0774	0.9764	1.1441	1.1331
Sm-145	2.0701	1.3495	1.8506	2.0897	2.1254	1.8044	2.2985	2.3846
Sm-146	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0038	0.0019	0.0032	0.0039	0.0027	0.0015	0.0033	0.0039
Sm-153	1.3003	0.8811	1.1726	1.3153	1.3686	1.1828	1.4748	1.5227
Sm-155	1.1667	0.8568	1.0738	1.1797	1.3178	1.1964	1.4019	1.4165
Sm-156	1.2785	0.8614	1.1526	1.2978	1.3131	1.1123	1.4328	1.4993
Sm-157	1.6473	1.1977	1.5169	1.6677	1.8805	1.6998	2.0035	2.0213
Sn-106	2.9590	2.1094	2.7144	2.9821	3.3726	3.0441	3.5793	3.5975
Sn-108	3.0033	2.1479	2.7561	3.0285	3.3984	3.0626	3.6108	3.6400
Sn-109	2.5752	1.8007	2.3530	2.5885	2.9626	2.6663	3.1410	3.1356
Sn-110	2.0425	1.4474	1.8701	2.0591	2.2771	2.0392	2.4222	2.4560
Sn-111	0.8597	0.5825	0.7781	0.8625	0.9275	0.8142	0.9865	1.0060
Sn-113	1.0580	0.7119	0.9555	1.0612	1.1204	0.9765	1.1929	1.2247
Sn-113m	0.7524	0.4967	0.6764	0.7552	0.7816	0.6716	0.8358	0.8657
Sn-117m	2.0002	1.4284	1.8354	2.0177	2.2205	1.9862	2.3672	2.4004
Sn-119m	0.9533	0.6113	0.8508	0.9591	0.9515	0.7940	1.0290	1.0826
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.3130	0.1948	0.2773	0.3157	0.3020	0.2451	0.3304	0.3517
Sn-123	0.0060	0.0043	0.0056	0.0061	0.0073	0.0067	0.0077	0.0076
Sn-123m	1.1453	0.8583	1.0647	1.1598	1.3233	1.2099	1.4098	1.4121
Sn-125m	1.0173	0.7549	0.9442	1.0296	1.1998	1.1009	1.2738	1.2751
Sn-125	0.3093	0.2217	0.2848	0.3115	0.3729	0.3411	0.3944	0.3877
Sn-126	1.2710	0.8674	1.1490	1.2828	1.3394	1.1606	1.4417	1.4869
Sn-127m	0.9144	0.6674	0.8449	0.9230	1.0902	0.9994	1.1551	1.1463

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Sn-127	2.0235	1.4577	1.8644	2.0390	2.4185	2.2116	2.5602	2.5276
Sn-128	3.4307	2.3905	3.1262	3.4498	3.8157	3.4055	4.0502	4.0931
Sn-129	1.1836	0.8548	1.0912	1.1925	1.4197	1.2999	1.5041	1.4829
Sn-130	3.0252	2.1899	2.7853	3.0526	3.4868	3.1646	3.6984	3.7041
Sn-130m	1.8638	1.3317	1.7112	1.8770	2.1483	1.9458	2.2775	2.2756
Sr-79	1.6570	1.1434	1.5039	1.6720	1.7129	1.4685	1.8523	1.9166
Sr-80	1.9580	1.2763	1.7535	1.9770	1.8525	1.4820	2.0449	2.1762
Sr-81	1.7918	1.3026	1.6521	1.8126	2.0090	1.7997	2.1513	2.1764
Sr-82	1.4083	0.8571	1.2394	1.4215	1.1591	0.8274	1.3162	1.4647
Sr-83	2.6366	1.6879	2.3510	2.6610	2.4366	1.9119	2.7016	2.8935
Sr-85	2.3142	1.5159	2.0755	2.3360	2.2283	1.8028	2.4510	2.5945
Sr-85m	1.3479	0.9686	1.2375	1.3668	1.4725	1.3018	1.5849	1.6216
Sr-87m	1.0309	0.7320	0.9446	1.0424	1.1394	1.0095	1.2222	1.2415
Sr-89	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Sr-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sr-91	0.7592	0.5456	0.6995	0.7646	0.9135	0.8351	0.9667	0.9510
Sr-92	0.9480	0.6745	0.8714	0.9534	1.1469	1.0519	1.2134	1.1894
Sr-93	2.6549	1.9039	2.4425	2.6762	3.1164	2.8272	3.3116	3.2854
Sr-94	0.9428	0.6691	0.8664	0.9478	1.1428	1.0470	1.2091	1.1837
Ta-170	1.8675	1.1775	1.6577	1.9002	1.7953	1.4369	1.9889	2.1330
Ta-172	3.6889	2.4095	3.3056	3.7457	3.7594	3.1344	4.1106	4.3114
Ta-173	3.5809	2.2074	3.1619	3.6469	3.3466	2.6171	3.7292	4.0394
Ta-174	3.2509	2.0782	2.8956	3.3073	3.1772	2.5763	3.5055	3.7390
Ta-175	4.0977	2.6635	3.6668	4.1636	4.1271	3.4183	4.5166	4.7589
Ta-176	3.8381	2.4626	3.4260	3.8942	3.8881	3.2137	4.2577	4.4680
Ta-177	1.7929	1.0977	1.5798	1.8271	1.6539	1.2823	1.8441	2.0081
Ta-178	1.9088	1.1556	1.6774	1.9456	1.7396	1.3331	1.9468	2.1288
Ta-178m	7.1491	4.8395	6.4596	7.2620	7.4627	6.3628	8.1108	8.4527
Ta-179	1.1244	0.6430	0.9755	1.1483	0.9505	0.6777	1.0868	1.2235
Ta-180	1.5872	0.9575	1.3935	1.6182	1.4368	1.0952	1.6103	1.7656
Ta-182	3.1912	2.1013	2.8652	3.2363	3.2901	2.7700	3.5890	3.7437
Ta-182m	4.4833	2.7644	3.9600	4.5708	4.1228	3.1907	4.6256	5.0508
Ta-183	4.1059	2.5331	3.6259	4.1846	3.7927	2.9466	4.2473	4.6288
Ta-184	4.7735	3.2140	4.3129	4.8449	5.0237	4.2879	5.4647	5.6745
Ta-185	2.3559	1.4434	2.0775	2.4020	2.1490	1.6510	2.4172	2.6469
Ta-186	4.0432	2.8513	3.6972	4.0966	4.4912	3.9748	4.8254	4.9175
Tb-146	2.1674	1.5165	1.9831	2.1825	2.5520	2.3027	2.7104	2.6831
Tb-147m	1.7501	1.1814	1.5831	1.7660	1.9423	1.7045	2.0811	2.1036
Tb-147	2.9690	2.0640	2.7058	2.9975	3.3522	2.9849	3.5804	3.6060
Tb-148m	4.7411	3.3607	4.3461	4.7871	5.4872	4.9411	5.8414	5.8355

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Tb-148	2.1213	1.4783	1.9360	2.1402	2.4354	2.1764	2.5956	2.5955
Tb-149m	2.3231	1.5970	2.1111	2.3473	2.5862	2.2783	2.7699	2.8004
Tb-149	2.8016	1.9477	2.5521	2.8335	3.1188	2.7576	3.3405	3.3852
Tb-150m	4.8992	3.4711	4.4877	4.9492	5.6212	5.0482	5.9932	6.0122
Tb-150	2.6133	1.8017	2.3765	2.6378	2.9474	2.6121	3.1501	3.1714
Tb-151	3.9051	2.7023	3.5493	3.9539	4.2658	3.7454	4.5813	4.6800
Tb-151m	1.5058	0.8245	1.2943	1.5391	1.2109	0.8156	1.4077	1.6151
Tb-152m	3.6358	2.4796	3.2930	3.6873	3.8864	3.3626	4.1958	4.3248
Tb-152	2.5149	1.7406	2.2883	2.5433	2.7950	2.4679	2.9938	3.0380
Tb-153	2.7882	1.8624	2.5088	2.8267	2.8939	2.4629	3.1378	3.2639
Tb-154	3.0639	2.0810	2.7737	3.0952	3.3640	2.9444	3.6093	3.6713
Tb-155	2.8110	1.8870	2.5304	2.8491	2.9145	2.4860	3.1581	3.2833
Tb-156	4.4757	3.0727	4.0615	4.5274	4.9085	4.3031	5.2726	5.3739
Tb-156m	0.8634	0.5985	0.7835	0.8770	0.9466	0.8312	1.0032	1.0199
Tb-156n	0.4987	0.2547	0.4223	0.5107	0.3630	0.2157	0.4358	0.5196
Tb-157	0.5015	0.2639	0.4273	0.5128	0.3824	0.2422	0.4518	0.5287
Tb-158	2.5515	1.6778	2.2894	2.5842	2.6551	2.2467	2.8819	2.9888
Tb-160	1.9557	1.3502	1.7793	1.9782	2.1764	1.9164	2.3364	2.3691
Tb-161	1.4535	0.8895	1.2807	1.4761	1.3553	1.0627	1.5024	1.6256
Tb-162	2.4538	1.7385	2.2474	2.4849	2.7731	2.4727	2.9694	2.9984
Tb-163	1.9934	1.4408	1.8358	2.0174	2.3044	2.0849	2.4555	2.4671
Tb-164	4.0239	2.8343	3.6810	4.0689	4.5692	4.0759	4.8885	4.9240
Tb-165	0.9888	0.6607	0.8928	1.0002	1.0750	0.9288	1.1621	1.1875
Tc-101	1.0747	0.7998	0.9980	1.0881	1.2649	1.1610	1.3436	1.3456
Tc-102m	2.3438	1.6908	2.1602	2.3618	2.8139	2.5760	2.9792	2.9391
Tc-102	0.1090	0.0793	0.1006	0.1100	0.1302	0.1194	0.1380	0.1366
Tc-104	2.2895	1.6649	2.1145	2.3102	2.7364	2.5062	2.8992	2.8702
Tc-105	2.0374	1.4877	1.8799	2.0583	2.3484	2.1346	2.4992	2.5035
Tc-91	0.8946	0.6312	0.8202	0.8997	1.0634	0.9646	1.1272	1.1101
Tc-91m	0.6509	0.4699	0.5997	0.6564	0.7674	0.6993	0.8144	0.8090
Tc-92	4.0831	2.9697	3.7701	4.1206	4.7876	4.3642	5.0874	5.0580
Tc-93	1.9856	1.3518	1.8001	1.9956	2.1477	1.8803	2.3076	2.3273
Tc-93m	1.2791	0.8995	1.1688	1.2894	1.4284	1.2726	1.5266	1.5354
Tc-94	3.9310	2.7604	3.5959	3.9578	4.4738	4.0014	4.7716	4.7578
Tc-94m	1.4194	0.9947	1.2982	1.4285	1.6274	1.4577	1.7335	1.7238
Tc-95	2.0943	1.4326	1.9002	2.1072	2.2379	1.9493	2.4086	2.4404
Tc-95m	2.5866	1.8143	2.3603	2.6081	2.8067	2.4744	3.0132	3.0551
Tc-96	3.9283	2.7507	3.5909	3.9550	4.4469	3.9682	4.7465	4.7377
Tc-96m	0.6557	0.4307	0.5877	0.6598	0.6472	0.5412	0.7054	0.7324
Tc-97	1.1369	0.7460	1.0186	1.1426	1.0987	0.9120	1.2008	1.2495

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Tc-97m	0.8579	0.5644	0.7689	0.8628	0.8422	0.7040	0.9177	0.9531
Tc-98	1.8182	1.3142	1.6771	1.8324	2.1804	1.9945	2.3103	2.2769
Tc-99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Tc-99m	1.1670	0.8721	1.0839	1.1806	1.3338	1.2208	1.4210	1.4338
Te-113	1.0956	0.7776	1.0058	1.1022	1.3066	1.1902	1.3828	1.3631
Te-114	2.7150	1.8726	2.4690	2.7323	3.0100	2.6686	3.2060	3.2446
Te-115	1.8201	1.2917	1.6699	1.8319	2.1368	1.9413	2.2645	2.2464
Te-115m	2.0701	1.4598	1.8968	2.0820	2.4322	2.2045	2.5766	2.5527
Te-116	2.0862	1.4279	1.8906	2.0957	2.2495	1.9810	2.3942	2.4437
Te-117	1.8123	1.2612	1.6539	1.8216	2.0722	1.8584	2.1983	2.1977
Te-118	1.0175	0.6783	0.9169	1.0205	1.0749	0.9343	1.1450	1.1759
Te-119	1.9451	1.3500	1.7726	1.9551	2.1879	1.9539	2.3242	2.3385
Te-119m	3.1790	2.2649	2.9172	3.2028	3.6401	3.2898	3.8659	3.8721
Te-121	1.9637	1.3661	1.7902	1.9747	2.2006	1.9647	2.3380	2.3587
Te-121m	1.7466	1.2317	1.5958	1.7640	1.9260	1.7121	2.0568	2.0952
Te-123	0.1223	0.0585	0.1023	0.1255	0.0812	0.0415	0.1006	0.1244
Te-123m	1.7258	1.2279	1.5817	1.7439	1.9037	1.6945	2.0381	2.0696
Te-125m	1.7425	1.1511	1.5661	1.7494	1.8249	1.5762	1.9516	2.0065
Te-127	0.0136	0.0099	0.0126	0.0137	0.0159	0.0145	0.0169	0.0169
Te-127m	0.5990	0.3845	0.5345	0.6028	0.6034	0.5065	0.6522	0.6814
Te-129	0.4561	0.2891	0.4059	0.4611	0.4503	0.3697	0.4929	0.5214
Te-129m	0.4626	0.3024	0.4148	0.4653	0.4783	0.4081	0.5145	0.5323
Te-131	1.4184	1.0473	1.3138	1.4335	1.6495	1.5086	1.7531	1.7528
Te-131m	2.2915	1.6464	2.1081	2.3101	2.6856	2.4422	2.8485	2.8303
Te-132	2.1620	1.5346	1.9783	2.1821	2.4168	2.1679	2.5696	2.5967
Te-133	1.6453	1.2008	1.5209	1.6613	1.9584	1.7941	2.0760	2.0607
Te-133m	2.5430	1.8249	2.3399	2.5634	2.9977	2.7269	3.1786	3.1523
Te-134	2.4443	1.7774	2.2530	2.4679	2.8385	2.5833	3.0141	3.0109
Th-223	1.9036	1.2078	1.6901	1.9300	1.7517	1.3748	1.9547	2.1127
Th-224	0.2357	0.1600	0.2131	0.2390	0.2386	0.2007	0.2610	0.2733
Th-226	0.3002	0.1829	0.2642	0.3044	0.2610	0.1952	0.2950	0.3250
Th-227	2.5014	1.5323	2.2050	2.5383	2.2105	1.6703	2.4907	2.7304
Th-228	0.3210	0.1861	0.2794	0.3257	0.2604	0.1817	0.2997	0.3377
Th-229	3.6535	2.2081	3.2083	3.7072	3.1542	2.3371	3.5759	3.9520
Th-230	1.0567	0.7950	0.9797	1.0710	1.2458	1.1533	1.3013	1.2908
Th-231	2.5564	1.5065	2.2332	2.5902	2.1390	1.5411	2.4372	2.7162
Th-232	0.8900	0.6413	0.8196	0.8986	1.0756	0.9891	1.1304	1.1143
Th-233	0.6593	0.3821	0.5738	0.6704	0.5524	0.3945	0.6332	0.7101
Th-234	0.4411	0.2725	0.3893	0.4470	0.3930	0.3003	0.4409	0.4809
Th-235	0.1201	0.0841	0.1097	0.1214	0.1332	0.1176	0.1430	0.1451

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Th-236	0.3682	0.2373	0.3285	0.3730	0.3487	0.2800	0.3863	0.4134
Ti-44	2.1809	1.5586	1.9929	2.2065	2.4036	2.1384	2.5741	2.6145
Ti-45	0.0446	0.0219	0.0375	0.0457	0.0310	0.0170	0.0378	0.0460
Ti-51	1.0165	0.7555	0.9441	1.0289	1.2023	1.1038	1.2764	1.2769
Ti-52	1.7054	1.1969	1.5569	1.7253	1.8029	1.5797	1.9479	2.0204
Tl-190	1.8593	1.2656	1.6840	1.8837	1.9856	1.7117	2.1509	2.2164
Tl-190m	4.3526	3.0222	3.9652	4.4035	4.8155	4.2341	5.1804	5.2679
Tl-194	2.2392	1.4813	2.0123	2.2710	2.2864	1.9151	2.5006	2.6181
Tl-194m	6.2573	4.2291	5.6579	6.3383	6.6302	5.6800	7.1973	7.4325
Tl-195	3.8571	2.3793	3.4075	3.9182	3.6023	2.8127	4.0254	4.3493
Tl-196	3.3974	2.2668	3.0616	3.4410	3.5600	3.0239	3.8728	4.0129
Tl-197	2.8755	1.8203	2.5543	2.9209	2.7375	2.1823	3.0412	3.2643
Tl-198	3.7593	2.5003	3.3849	3.8075	3.9274	3.3292	4.2751	4.4336
Tl-198m	4.7739	3.1166	4.2768	4.8441	4.7830	3.9503	5.2574	5.5435
Tl-199	2.8725	1.8122	2.5487	2.9201	2.7017	2.1365	3.0098	3.2473
Tl-200	3.6096	2.3953	3.2476	3.6588	3.7248	3.1394	4.0652	4.2385
Tl-201	2.6886	1.6261	2.3612	2.7361	2.3814	1.7898	2.6928	2.9689
Tl-202	2.7321	1.7707	2.4415	2.7739	2.6929	2.2032	2.9678	3.1484
Tl-204	0.0459	0.0271	0.0401	0.0467	0.0395	0.0289	0.0450	0.0502
Tl-206m	5.5605	3.9480	5.0948	5.6280	6.2662	5.5839	6.7140	6.7919
Tl-206	0.0019	0.0012	0.0017	0.0020	0.0018	0.0014	0.0020	0.0022
Tl-207	0.0026	0.0018	0.0024	0.0026	0.0031	0.0028	0.0032	0.0032
Tl-208	2.2383	1.5894	2.0533	2.2556	2.6410	2.3907	2.8045	2.7813
Tl-209	3.2874	2.3542	3.0198	3.3199	3.7595	3.3854	4.0111	4.0350
Tl-210	3.6553	2.5191	3.3266	3.6943	4.0462	3.5477	4.3530	4.4178
Tm-161	5.2249	3.4313	4.6836	5.3078	5.3403	4.4727	5.8058	6.0747
Tm-162	2.5084	1.6673	2.2576	2.5423	2.6587	2.2695	2.8756	2.9655
Tm-163	4.1440	2.7562	3.7278	4.2056	4.3351	3.6839	4.6927	4.8663
Tm-164	1.2922	0.8246	1.1501	1.3136	1.2830	1.0492	1.4047	1.4847
Tm-165	3.3259	2.2147	2.9926	3.3799	3.4486	2.9184	3.7409	3.8983
Tm-166	3.8124	2.5209	3.4273	3.8657	4.0067	3.4004	4.3449	4.4961
Tm-167	2.4610	1.5589	2.1858	2.5067	2.3767	1.9103	2.6199	2.8052
Tm-168	4.2482	2.8607	3.8357	4.3112	4.4903	3.8387	4.8639	5.0323
Tm-170	0.1563	0.0902	0.1358	0.1596	0.1330	0.0956	0.1521	0.1708
Tm-171	0.0220	0.0132	0.0193	0.0225	0.0199	0.0152	0.0223	0.0245
Tm-172	0.8595	0.5368	0.7623	0.8728	0.8425	0.6784	0.9320	0.9899
Tm-173	1.1113	0.7924	1.0193	1.1261	1.2617	1.1301	1.3482	1.3628
Tm-174	4.8915	3.4162	4.4626	4.9600	5.3874	4.7346	5.8006	5.9243
Tm-175	1.8898	1.3222	1.7262	1.9109	2.1435	1.9064	2.2923	2.3112
Tm-176	3.5404	2.4240	3.2128	3.5878	3.8506	3.3488	4.1553	4.2572

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
U-227	1.8185	1.1774	1.6234	1.8431	1.7231	1.3847	1.9091	2.0414
U-228	0.3348	0.2002	0.2934	0.3393	0.2834	0.2070	0.3222	0.3569
U-230	0.3809	0.2226	0.3321	0.3860	0.3121	0.2208	0.3577	0.4007
U-231	4.3672	2.6724	3.8463	4.4230	3.8242	2.8813	4.3072	4.7236
U-232	0.3627	0.2107	0.3158	0.3676	0.2944	0.2062	0.3382	0.3801
U-233	0.1933	0.1111	0.1679	0.1960	0.1550	0.1069	0.1788	0.2021
U-234	1.0268	0.7609	0.9479	1.0400	1.2156	1.1246	1.2725	1.2574
U-235	1.2805	0.9733	1.1936	1.3010	1.5015	1.3867	1.5965	1.5835
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	0.3008	0.1744	0.2618	0.3049	0.2434	0.1699	0.2799	0.3149
U-237	3.3276	2.1367	2.9647	3.3716	3.1423	2.5190	3.4771	3.7223
U-238	0.9222	0.6781	0.8515	0.9303	1.1036	1.0188	1.1605	1.1437
U-239	0.9766	0.6606	0.8804	0.9873	0.9941	0.8422	1.0813	1.1242
U-240	0.9467	0.5537	0.8255	0.9600	0.7848	0.5601	0.8975	1.0034
U-242	0.2976	0.2082	0.2711	0.3010	0.3208	0.2809	0.3443	0.3520
V-47	0.0180	0.0101	0.0156	0.0184	0.0152	0.0107	0.0176	0.0198
V-48	2.1219	1.4707	1.9364	2.1379	2.4729	2.2183	2.6353	2.6200
V-49	0.3435	0.1634	0.2870	0.3527	0.2261	0.1136	0.2811	0.3487
V-50	1.1819	0.7719	1.0630	1.1945	1.2749	1.0870	1.3840	1.4158
V-52	0.9130	0.6468	0.8388	0.9176	1.1079	1.0150	1.1719	1.1466
V-53	0.9713	0.6938	0.8938	0.9775	1.1735	1.0724	1.2403	1.2176
W-177	5.7544	3.6787	5.1270	5.8522	5.6151	4.5556	6.1960	6.6131
W-178	0.9994	0.5402	0.8566	1.0222	0.7822	0.5117	0.9165	1.0630
W-179	2.4300	1.4065	2.1142	2.4774	2.0929	1.5237	2.3794	2.6557
W-179m	1.4338	0.8550	1.2559	1.4622	1.2734	0.9545	1.4376	1.5890
W-181	1.5029	0.8841	1.3122	1.5333	1.3164	0.9731	1.4898	1.6544
W-185m	2.0471	1.0502	1.7359	2.0970	1.4853	0.8795	1.7866	2.1343
W-185	0.0011	0.0007	0.0010	0.0012	0.0011	0.0009	0.0012	0.0013
W-187	1.3976	0.9481	1.2649	1.4161	1.4905	1.2839	1.6136	1.6645
W-188	0.0153	0.0099	0.0137	0.0156	0.0150	0.0122	0.0166	0.0177
W-190	3.0362	1.9004	2.6909	3.0922	2.8464	2.2418	3.1731	3.4343
Xe-120	2.7965	1.9215	2.5389	2.8130	3.0541	2.6989	3.2544	3.3049
Xe-121	1.8035	1.2701	1.6489	1.8165	2.0440	1.8366	2.1727	2.1817
Xe-122	1.2519	0.8434	1.1308	1.2581	1.3399	1.1724	1.4302	1.4590
Xe-123	2.0578	1.4524	1.8822	2.0739	2.2940	2.0530	2.4439	2.4685
Xe-125	2.5548	1.7917	2.3311	2.5754	2.8254	2.5187	3.0091	3.0478
Xe-127	2.5359	1.8001	2.3211	2.5585	2.8274	2.5321	3.0110	3.0475
Xe-127m	2.0254	1.4531	1.8598	2.0443	2.2575	2.0326	2.4066	2.4427
Xe-129m	1.9269	1.2750	1.7317	1.9363	2.0278	1.7559	2.1717	2.2230
Xe-131m	0.8412	0.5484	0.7533	0.8462	0.8677	0.7408	0.9342	0.9639

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Xe-133	1.0983	0.7588	0.9959	1.1055	1.1947	1.0569	1.2766	1.2927
Xe-133m	0.9188	0.6113	0.8269	0.9245	0.9681	0.8382	1.0384	1.0645
Xe-135	1.0399	0.7742	0.9642	1.0546	1.2127	1.1122	1.2899	1.2916
Xe-135m	0.9225	0.6601	0.8474	0.9301	1.0726	0.9727	1.1390	1.1369
Xe-137	0.3274	0.2395	0.3026	0.3307	0.3894	0.3570	0.4127	0.4099
Xe-138	1.4407	0.9956	1.3113	1.4584	1.5964	1.4026	1.7186	1.7482
Y-81	2.0909	1.4362	1.8958	2.1126	2.1227	1.8048	2.3091	2.4095
Y-83	1.6005	1.0516	1.4363	1.6120	1.5697	1.2935	1.7156	1.7937
Y-83m	1.2627	0.8863	1.1526	1.2769	1.3471	1.1752	1.4539	1.4898
Y-84m	3.1214	2.2253	2.8702	3.1434	3.7173	3.3794	3.9402	3.8855
Y-85	1.1241	0.7670	1.0193	1.1340	1.1789	1.0097	1.2760	1.3126
Y-85m	1.2916	0.8737	1.1685	1.3028	1.3399	1.1390	1.4533	1.4973
Y-86	3.9092	2.7113	3.5639	3.9380	4.3669	3.8544	4.6771	4.7049
Y-86m	1.1958	0.8827	1.1054	1.2124	1.3606	1.2308	1.4523	1.4698
Y-87	2.2290	1.4717	2.0031	2.2489	2.1759	1.7855	2.3858	2.5081
Y-87m	1.0220	0.7270	0.9369	1.0329	1.1301	1.0035	1.2116	1.2290
Y-88	3.1523	2.1118	2.8476	3.1744	3.3123	2.8189	3.5848	3.6690
Y-89m	0.9341	0.6684	0.8601	0.9407	1.1229	1.0241	1.1882	1.1680
Y-90	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002
Y-90m	2.0970	1.5480	1.9402	2.1219	2.4311	2.2143	2.5855	2.5953
Y-91	0.0024	0.0017	0.0022	0.0024	0.0029	0.0027	0.0031	0.0030
Y-91m	0.9304	0.6721	0.8571	0.9385	1.0908	0.9915	1.1592	1.1540
Y-92	0.2469	0.1771	0.2274	0.2486	0.2973	0.2718	0.3145	0.3094
Y-93	0.1312	0.0963	0.1214	0.1326	0.1555	0.1425	0.1650	0.1639
Y-94	0.7279	0.5216	0.6703	0.7329	0.8774	0.8018	0.9281	0.9120
Y-95	0.5463	0.3879	0.5017	0.5492	0.6624	0.6052	0.6999	0.6857
Yb-162	2.7983	1.8520	2.5137	2.8460	2.8336	2.3677	3.0924	3.2544
Yb-163	2.2604	1.4040	2.0000	2.3010	2.1604	1.7139	2.3917	2.5678
Yb-164	1.4027	0.8756	1.2411	1.4294	1.3394	1.0651	1.4758	1.5841
Yb-165	3.9626	2.3919	3.4787	4.0399	3.6074	2.7569	4.0409	4.4184
Yb-166	2.5965	1.6305	2.3000	2.6451	2.4902	1.9892	2.7420	2.9379
Yb-167	5.3267	3.3917	4.7361	5.4241	5.1419	4.1442	5.6684	6.0718
Yb-169	5.5914	3.6458	5.0017	5.6899	5.5782	4.6055	6.0957	6.4482
Yb-175	0.1940	0.1345	0.1765	0.1969	0.2094	0.1826	0.2258	0.2325
Yb-177	0.6995	0.4849	0.6367	0.7095	0.7553	0.6588	0.8147	0.8370
Yb-178	0.1368	0.0938	0.1242	0.1389	0.1472	0.1275	0.1593	0.1643
Yb-179	1.9471	1.3841	1.7856	1.9683	2.2350	2.0065	2.3857	2.3968
Zn-60	1.2055	0.8543	1.1044	1.2191	1.3721	1.2277	1.4650	1.4753
Zn-61	0.4295	0.3045	0.3941	0.4331	0.5067	0.4587	0.5386	0.5346
Zn-62	2.1301	1.2284	1.8532	2.1706	1.8509	1.3506	2.1126	2.3534

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Zn-63	0.2408	0.1524	0.2146	0.2442	0.2432	0.1992	0.2679	0.2815
Zn-65	1.6400	0.8930	1.4100	1.6737	1.3421	0.9129	1.5616	1.7784
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zn-69m	0.9587	0.6870	0.8809	0.9703	1.1019	0.9923	1.1765	1.1845
Zn-71	0.4983	0.3632	0.4603	0.5029	0.5933	0.5435	0.6287	0.6239
Zn-71m	2.8213	2.0652	2.6085	2.8494	3.3556	3.0761	3.5578	3.5334
Zn-72	2.8665	1.7225	2.5175	2.9231	2.5239	1.8871	2.8711	3.1865
Zr-85	0.9440	0.6791	0.8685	0.9531	1.0903	0.9857	1.1609	1.1610
Zr-86	3.7200	2.4974	3.3548	3.7507	3.6683	3.0634	4.0041	4.1783
Zr-87	0.3043	0.1976	0.2723	0.3062	0.2908	0.2364	0.3196	0.3355
Zr-88	2.2582	1.5265	2.0413	2.2779	2.2785	1.9227	2.4801	2.5736
Zr-89	1.9555	1.3147	1.7676	1.9687	2.0303	1.7278	2.1991	2.2533
Zr-89m	0.9812	0.7026	0.9019	0.9890	1.1406	1.0317	1.2140	1.2090
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	0.8845	0.6379	0.8157	0.8913	1.0619	0.9707	1.1249	1.1073
Zr-97	1.0779	0.7766	0.9936	1.0864	1.2877	1.1757	1.3648	1.3459

Table 2: Drywall Surface Contamination for 100x100x10 ft and 200x200x20 ft rooms

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ac-223	0.4526	0.3464	0.5544	0.6225	0.3171	0.2959	0.5344	0.6201
Ac-224	3.6082	3.2280	4.0361	4.1532	3.0418	3.0842	4.0889	4.3196
Ac-225	0.6586	0.5127	0.7940	0.8834	0.4596	0.4302	0.7649	0.8797
Ac-226	1.5833	1.4349	1.7629	1.7953	1.3491	1.3745	1.7983	1.8592
Ac-227	0.1623	0.1090	0.2115	0.2504	0.0970	0.0823	0.1974	0.2431
Ac-228	2.4585	2.2249	2.7144	2.7519	2.0963	2.1529	2.7747	2.8548
Ac-230	1.1028	0.9859	1.2234	1.2498	0.9248	0.9424	1.2485	1.2930
Ac-231	3.2377	3.0346	3.5285	3.4952	2.8937	2.9999	3.6425	3.6941
Ac-232	1.7126	1.5554	1.8783	1.8931	1.4727	1.5177	1.9376	1.9681
Ac-233	1.3410	1.2716	1.4454	1.4112	1.2435	1.3053	1.5276	1.5254
Ag-100m	2.4009	2.3716	2.4876	2.3272	2.3283	2.5010	2.6864	2.5215
Ag-101	2.2178	2.1712	2.3274	2.2077	2.0796	2.1990	2.4523	2.3615
Ag-102m	1.6291	1.5916	1.6981	1.6041	1.5466	1.6466	1.8225	1.7345
Ag-102	3.7466	3.6870	3.8909	3.6555	3.5929	3.8405	4.1790	3.9643
Ag-103	2.7932	2.6997	2.9378	2.8259	2.5274	2.6402	3.0496	2.9860
Ag-104	4.9404	4.8208	5.1521	4.8781	4.6257	4.9163	5.4562	5.2346
Ag-104m	2.0408	1.9887	2.1297	2.0194	1.9038	2.0142	2.2558	2.1734
Ag-105	3.1254	3.0029	3.2956	3.1735	2.7818	2.8990	3.3844	3.3270
Ag-105m	0.0574	0.0356	0.0785	0.0954	0.0337	0.0277	0.0731	0.0925
Ag-106	0.7113	0.6710	0.7514	0.7322	0.6036	0.6192	0.7592	0.7620
Ag-106m	6.0173	5.8762	6.2861	5.9530	5.6386	5.9809	6.6523	6.3931
Ag-108	0.0630	0.0603	0.0663	0.0639	0.0557	0.0580	0.0681	0.0668
Ag-108m	4.6392	4.5122	4.8605	4.6185	4.3051	4.5534	5.1067	4.9215
Ag-109m	0.6422	0.5877	0.6903	0.6892	0.5177	0.5227	0.6793	0.7001
Ag-110	0.0618	0.0608	0.0642	0.0604	0.0594	0.0636	0.0688	0.0650
Ag-110m	4.1317	4.0874	4.2828	4.0057	4.0226	4.3325	4.6242	4.3432
Ag-111	0.1141	0.1131	0.1201	0.1129	0.1099	0.1171	0.1274	0.1217
Ag-111m	0.3663	0.3265	0.4021	0.4100	0.2877	0.2869	0.3933	0.4133
Ag-112	0.9423	0.9322	0.9765	0.9135	0.9177	0.9851	1.0566	0.9916
Ag-113m	0.8928	0.8632	0.9512	0.9143	0.8309	0.8768	0.9969	0.9722
Ag-113	0.2522	0.2498	0.2650	0.2494	0.2431	0.2592	0.2817	0.2692
Ag-114	0.3940	0.3898	0.4092	0.3831	0.3833	0.4104	0.4425	0.4193
Ag-115	0.9132	0.9046	0.9556	0.8980	0.8819	0.9391	1.0247	0.9724
Ag-116	2.3392	2.3149	2.4241	2.2659	2.2773	2.4411	2.6312	2.4853
Ag-117	1.8450	1.8240	1.9231	1.8083	1.7801	1.9010	2.0696	1.9524
Ag-99	2.5966	2.5620	2.7155	2.5546	2.4872	2.6495	2.8959	2.7568
Al-26	1.3090	1.2983	1.3498	1.2509	1.2834	1.3808	1.4776	1.3668
Al-28	1.2744	1.2651	1.3130	1.2158	1.2506	1.3455	1.4377	1.3295
Al-29	1.3160	1.3046	1.3538	1.2685	1.2873	1.3818	1.4789	1.3773

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Am-237	3.8968	3.5122	4.3248	4.4103	3.2769	3.3198	4.3589	4.6047
Am-238	3.7323	3.3837	4.1064	4.1616	3.1711	3.2395	4.1691	4.3519
Am-239	4.8793	4.2723	5.5031	5.7302	3.9400	3.9250	5.4736	5.9278
Am-240	4.2205	3.7670	4.6851	4.8019	3.4997	3.5508	4.7210	4.9669
Am-241	1.3656	1.3841	1.3858	1.3171	1.3244	1.3998	1.4766	1.3654
Am-242	0.8643	0.7189	0.9970	1.0711	0.6351	0.6106	0.9655	1.0758
Am-242m	0.6471	0.5035	0.7738	0.8619	0.4324	0.3974	0.7335	0.8444
Am-243	1.4880	1.3622	1.6204	1.6497	1.2884	1.3348	1.6519	1.7009
Am-244	3.9244	3.4525	4.3879	4.5422	3.1568	3.1708	4.3876	4.6280
Am-244m	0.3413	0.2784	0.3970	0.4312	0.2415	0.2290	0.3812	0.4267
Am-245	0.5049	0.4528	0.5619	0.5765	0.4197	0.4227	0.5639	0.5978
Am-246	5.4849	4.8312	6.1412	6.3635	4.4087	4.4124	6.1383	6.4790
Am-246m	2.0448	1.8996	2.2109	2.1947	1.8026	1.8777	2.2878	2.2940
Am-247	1.7731	1.6143	1.9551	1.9839	1.5070	1.5317	1.9772	2.0724
Ar-37	0.0634	0.0360	0.0897	0.1115	0.0344	0.0265	0.0825	0.1074
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	1.2932	1.2820	1.3304	1.2473	1.2648	1.3571	1.4522	1.3539
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	1.5676	1.5537	1.6206	1.5122	1.5318	1.6503	1.7604	1.6442
Ar-44	2.4778	2.4603	2.5808	2.4148	2.4135	2.5824	2.8029	2.6147
As-68	3.0685	3.0342	3.1794	2.9744	2.9906	3.2210	3.4438	3.2236
As-69	0.5620	0.5104	0.6295	0.6403	0.4971	0.5117	0.6509	0.6693
As-70	4.0912	4.0084	4.2757	4.0412	3.9470	4.2328	4.6075	4.3593
As-71	2.3911	2.0076	2.8292	3.0373	1.9435	1.9309	2.8592	3.0877
As-72	1.3902	1.3138	1.4964	1.4615	1.2909	1.3693	1.5833	1.5577
As-73	2.4299	1.4531	3.3689	4.1368	1.3838	1.1118	3.1262	3.9997
As-74	1.3445	1.1668	1.5420	1.6123	1.1398	1.1576	1.5753	1.6681
As-76	0.7818	0.7728	0.8130	0.7624	0.7596	0.8128	0.8773	0.8337
As-77	0.0433	0.0423	0.0462	0.0443	0.0411	0.0433	0.0489	0.0477
As-78	1.7693	1.7505	1.8333	1.7158	1.7236	1.8513	1.9843	1.8631
As-79	0.0801	0.0793	0.0838	0.0784	0.0777	0.0832	0.0897	0.0849
At-204	6.0485	5.7398	6.4988	6.3439	5.5803	5.8772	6.8301	6.7662
At-205	3.4488	3.1410	3.8016	3.8488	3.0227	3.1328	3.9180	4.0220
At-206	6.2662	5.9594	6.7254	6.5546	5.7919	6.1062	7.0695	6.9796
At-207	5.1434	4.7625	5.6062	5.5958	4.6030	4.8068	5.8291	5.8912
At-208	7.6549	7.1948	8.2670	8.1491	6.9767	7.3314	8.6680	8.6096
At-209	7.1831	6.6608	7.8291	7.8056	6.4331	6.7162	8.1419	8.2433
At-210	6.2108	5.7673	6.7659	6.7428	5.5685	5.7982	7.0485	7.0971
At-211	0.9990	0.8444	1.1535	1.2330	0.7959	0.7942	1.1477	1.2564
At-215	0.0007	0.0007	0.0008	0.0007	0.0006	0.0007	0.0008	0.0008

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
At-216	0.0481	0.0421	0.0544	0.0570	0.0401	0.0407	0.0549	0.0588
At-217	0.0017	0.0016	0.0019	0.0019	0.0015	0.0016	0.0019	0.0020
At-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-220	2.1942	2.1236	2.3523	2.2662	2.0525	2.1572	2.4693	2.4210
Au-186	3.6800	3.4516	4.0077	3.9806	3.3575	3.5080	4.1941	4.1979
Au-187	3.3627	2.9466	3.8152	3.9882	2.8581	2.9092	3.8907	4.1133
Au-190	4.3510	4.0789	4.7227	4.6820	3.9790	4.1694	4.9464	4.9479
Au-191	4.0823	3.6307	4.6012	4.7660	3.5195	3.5985	4.6989	4.9331
Au-192	4.1059	3.8217	4.4752	4.4641	3.7266	3.8967	4.6727	4.7037
Au-193	2.8272	2.4428	3.2404	3.4351	2.3617	2.3828	3.2713	3.5198
Au-193m	2.0519	1.7408	2.4021	2.5583	1.6651	1.6524	2.4024	2.6159
Au-194	3.4176	3.1328	3.7679	3.8115	3.0479	3.1646	3.8987	3.9864
Au-195	2.6914	2.1774	3.2053	3.5270	2.0928	2.0464	3.1651	3.5649
Au-195m	2.0760	1.7616	2.4282	2.5854	1.6842	1.6724	2.4287	2.6437
Au-196	3.1849	2.9147	3.5272	3.5733	2.8297	2.9314	3.6304	3.7254
Au-196m	4.7546	3.9292	5.6225	6.1000	3.7584	3.7019	5.6102	6.1768
Au-198	1.3167	1.2936	1.3945	1.3146	1.2639	1.3437	1.4774	1.4080
Au-198m	6.3520	5.7388	7.1223	7.2955	5.5484	5.6791	7.3076	7.6357
Au-199	1.3137	1.1834	1.4772	1.5164	1.1397	1.1696	1.5253	1.5621
Au-200	0.4939	0.4854	0.5182	0.4900	0.4756	0.5075	0.5544	0.5265
Au-200m	6.7063	6.4863	7.1580	6.8887	6.3229	6.6834	7.5811	7.3908
Au-201	0.2099	0.1719	0.2494	0.2707	0.1650	0.1622	0.2484	0.2752
Au-202	0.3097	0.3049	0.3243	0.3056	0.2991	0.3197	0.3478	0.3306
Ba-124	2.2315	2.1257	2.3810	2.3234	2.0259	2.1389	2.4643	2.4314
Ba-126	2.6500	2.5443	2.8161	2.7264	2.4338	2.5741	2.9265	2.8731
Ba-127	1.3037	1.2351	1.3930	1.3671	1.1735	1.2353	1.4347	1.4286
Ba-128	1.4309	1.3377	1.5398	1.5250	1.2556	1.3171	1.5607	1.5739
Ba-129	1.4912	1.3989	1.6042	1.5869	1.3216	1.3856	1.6394	1.6471
Ba-129m	4.8403	4.6543	5.1500	4.9776	4.4956	4.7596	5.4114	5.2745
Ba-131	3.3522	3.2165	3.5624	3.4572	3.0764	3.2456	3.7015	3.6593
Ba-131m	1.7027	1.5866	1.8482	1.8427	1.5225	1.5865	1.8886	1.9543
Ba-133	3.8195	3.6452	4.0738	3.9708	3.4804	3.6815	4.2024	4.1576
Ba-133m	1.3211	1.1707	1.4846	1.5348	1.1069	1.1353	1.4873	1.5680
Ba-135m	1.1018	1.0271	1.1920	1.1857	0.9713	1.0191	1.2121	1.2268
Ba-137m	1.2486	1.2261	1.3016	1.2279	1.2013	1.2882	1.3936	1.3211
Ba-139	0.4479	0.4389	0.4751	0.4547	0.4251	0.4522	0.5081	0.4797
Ba-140	1.0397	0.9132	1.1821	1.2273	0.8755	0.8905	1.1983	1.2654
Ba-141	2.6934	2.6618	2.8281	2.6695	2.5940	2.7650	3.0232	2.8794
Ba-142	2.4262	2.3801	2.5454	2.4165	2.3203	2.4797	2.7069	2.5901

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.1329	0.1315	0.1390	0.1302	0.1289	0.1373	0.1493	0.1434
Bi-197	3.9060	3.5536	4.3090	4.3659	3.4394	3.5700	4.4533	4.5643
Bi-200	7.2621	6.8557	7.8574	7.7213	6.6598	6.9909	8.2155	8.1816
Bi-201	3.9559	3.6187	4.3453	4.3842	3.5051	3.6465	4.5047	4.5903
Bi-202	6.6456	6.2839	7.1581	7.0187	6.1185	6.4492	7.5126	7.4311
Bi-203	4.7310	4.3791	5.1556	5.1473	4.2534	4.4484	5.3780	5.4190
Bi-204	6.7759	6.3719	7.3227	7.2139	6.1988	6.5264	7.6690	7.6204
Bi-205	3.7263	3.3876	4.1121	4.1651	3.2805	3.4025	4.2546	4.3552
Bi-206	7.7863	7.3272	8.4038	8.2730	7.1310	7.5053	8.8193	8.7838
Bi-207	4.1387	3.8189	4.5232	4.5326	3.7055	3.8656	4.7048	4.7684
Bi-208	2.5126	2.2480	2.7942	2.8578	2.1783	2.2457	2.9025	2.9853
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.4672	1.4073	1.5834	1.5409	1.3639	1.4322	1.6555	1.6393
Bi-211	0.2312	0.2209	0.2493	0.2428	0.2145	0.2260	0.2607	0.2573
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	0.3485	0.2798	0.4164	0.4547	0.2655	0.2590	0.4123	0.4602
Bi-213	0.4520	0.4344	0.4840	0.4669	0.4224	0.4455	0.5092	0.4995
Bi-214	1.7426	1.7193	1.8084	1.6961	1.6927	1.8164	1.9574	1.8398
Bi-215	1.1318	1.0665	1.2281	1.2117	1.0298	1.0782	1.2775	1.2815
Bi-216	1.9540	1.9152	2.0558	1.9446	1.8740	1.9936	2.1955	2.1134
Bk-245	3.9661	3.5749	4.3934	4.4915	3.3198	3.3525	4.4170	4.6781
Bk-246	4.0613	3.6232	4.5071	4.6260	3.3547	3.3956	4.5358	4.7756
Bk-247	1.8011	1.6947	1.9459	1.9277	1.6139	1.6765	2.0001	2.0423
Bk-248m	0.9606	0.8385	1.0798	1.1277	0.7621	0.7560	1.0687	1.1537
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	1.7165	1.6130	1.8415	1.8107	1.5370	1.6137	1.9145	1.8931
Bk-251	2.1726	1.9137	2.4360	2.5376	1.7546	1.7511	2.4271	2.5957
Br-72	2.5677	2.5035	2.6936	2.5564	2.4587	2.6314	2.8920	2.7578
Br-73	1.6482	1.5636	1.7673	1.7374	1.5219	1.6013	1.8529	1.8403
Br-74	2.9044	2.8319	3.0413	2.8860	2.7851	2.9743	3.2848	3.1160
Br-74m	3.5611	3.4752	3.7271	3.5333	3.4168	3.6529	4.0141	3.8111
Br-75	2.0875	1.9609	2.2850	2.2566	1.8947	1.9736	2.3751	2.3864
Br-76	2.8804	2.6753	3.1324	3.1023	2.6062	2.7237	3.2969	3.2949
Br-76m	2.3152	1.8135	2.7703	3.0638	1.6458	1.5718	2.7005	3.0644
Br-77	2.1566	1.7426	2.5822	2.8121	1.6417	1.5889	2.5526	2.8559
Br-77m	1.0669	0.7898	1.3209	1.4940	0.7056	0.6390	1.2614	1.4941
Br-78	0.2605	0.2280	0.2954	0.3061	0.2193	0.2229	0.3017	0.3170
Br-80	0.1741	0.1483	0.2009	0.2119	0.1419	0.1424	0.2031	0.2176
Br-80m	2.1509	1.6240	2.6226	2.9408	1.4486	1.3445	2.5128	2.9254

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Br-82m	0.9061	0.6202	1.1612	1.3529	0.5372	0.4570	1.0888	1.3276
Br-82	4.1988	4.1534	4.3563	4.0774	4.0865	4.3932	4.7047	4.4391
Br-83	0.0166	0.0163	0.0174	0.0165	0.0160	0.0171	0.0187	0.0181
Br-84m	3.8970	3.8605	4.0511	3.7826	3.7962	4.0756	4.3691	4.1046
Br-84	1.4194	1.4068	1.4659	1.3651	1.3886	1.4989	1.5958	1.4870
Br-85	0.0932	0.0923	0.0967	0.0903	0.0909	0.0981	0.1044	0.0981
C-10	1.2561	1.2420	1.3033	1.2189	1.2224	1.3170	1.4055	1.3234
C-11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-41	0.1131	0.0643	0.1601	0.1991	0.0615	0.0473	0.1474	0.1917
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	1.1375	1.1273	1.1722	1.0985	1.1115	1.1927	1.2772	1.1945
Ca-49	1.2445	1.2339	1.2729	1.1818	1.2260	1.3244	1.4097	1.2988
Cd-101	3.0985	3.0204	3.2330	3.0665	2.8949	3.0627	3.4056	3.3081
Cd-102	2.8199	2.7160	2.9658	2.8444	2.5448	2.6632	3.0715	3.0169
Cd-103	2.7297	2.6310	2.8548	2.7283	2.4738	2.6014	2.9799	2.8815
Cd-104	2.6664	2.5305	2.8090	2.7334	2.3153	2.4038	2.8466	2.8402
Cd-105	1.9573	1.8790	2.0517	1.9673	1.7535	1.8377	2.1264	2.0679
Cd-107	1.8872	1.7399	2.0130	1.9945	1.5214	1.5379	1.9792	2.0251
Cd-109	1.7675	1.6262	1.8878	1.8737	1.4205	1.4345	1.8545	1.8996
Cd-111m	2.4335	2.3694	2.5835	2.4725	2.2463	2.3542	2.6920	2.6148
Cd-113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0012	0.0011	0.0013	0.0013	0.0010	0.0010	0.0013	0.0013
Cd-115	0.5493	0.5400	0.5747	0.5418	0.5245	0.5573	0.6128	0.5923
Cd-115m	0.0439	0.0435	0.0455	0.0425	0.0428	0.0461	0.0492	0.0461
Cd-117	1.8562	1.8354	1.9363	1.8184	1.7920	1.9145	2.0733	1.9653
Cd-117m	2.0949	2.0758	2.1673	2.0220	2.0452	2.2008	2.3532	2.1984
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	2.2097	2.1890	2.2996	2.1536	2.1431	2.2949	2.4755	2.3335
Cd-119m	2.4901	2.4655	2.5780	2.4081	2.4256	2.6078	2.7924	2.6135
Ce-130	3.2973	3.1532	3.5109	3.4257	3.0278	3.2015	3.6525	3.6140
Ce-131	3.4867	3.3352	3.7232	3.6141	3.2253	3.4105	3.9032	3.8233
Ce-132	3.0714	2.9534	3.2770	3.1837	2.8353	2.9988	3.4329	3.3510
Ce-133	2.9276	2.7656	3.1268	3.0759	2.6453	2.7943	3.2086	3.2480
Ce-133m	4.8724	4.7090	5.1372	4.9435	4.5606	4.8525	5.4117	5.2739
Ce-134	1.2217	1.1247	1.3231	1.3284	1.0606	1.1143	1.3382	1.3677
Ce-135	3.5965	3.4671	3.8170	3.6823	3.3453	3.5499	3.9951	3.9145
Ce-137	1.4402	1.2651	1.6174	1.6820	1.1947	1.2284	1.6142	1.7124
Ce-137m	1.0792	0.9987	1.1696	1.1695	0.9498	0.9982	1.1917	1.2138
Ce-139	2.5501	2.4275	2.7361	2.6813	2.3255	2.4584	2.8549	2.7954

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ce-141	1.0116	0.9842	1.0708	1.0338	0.9528	1.0116	1.1360	1.0940
Ce-143	2.0035	1.9176	2.1284	2.0703	1.8478	1.9642	2.2183	2.1891
Ce-144	0.3302	0.3169	0.3503	0.3425	0.3058	0.3236	0.3665	0.3624
Ce-145	3.0898	2.9609	3.2680	3.1668	2.8655	3.0537	3.4241	3.3594
Cf-244	0.2313	0.1847	0.2720	0.2989	0.1577	0.1468	0.2586	0.2934
Cf-246	0.1588	0.1269	0.1865	0.2049	0.1084	0.1010	0.1774	0.2012
Cf-247	3.2379	2.7612	3.6943	3.9212	2.4913	2.4386	3.6236	3.9710
Cf-248	0.1900	0.1520	0.2231	0.2449	0.1299	0.1212	0.2123	0.2406
Cf-249	1.7667	1.6459	1.9277	1.9102	1.5551	1.6077	1.9752	1.9901
Cf-250	0.1591	0.1299	0.1850	0.2008	0.1127	0.1070	0.1778	0.1986
Cf-251	2.4186	2.1516	2.7002	2.7869	1.9829	1.9898	2.7054	2.8726
Cf-252	0.7970	0.7613	0.8488	0.8233	0.7315	0.7698	0.8926	0.8736
Cf-253	0.5051	0.4031	0.5959	0.6567	0.3491	0.3272	0.5671	0.6433
Cf-254	24.0000	23.7524	24.9738	23.4254	23.2750	24.9327	26.8947	25.3988
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0001
Cl-34m	1.5094	1.4962	1.5683	1.4717	1.4709	1.5766	1.7085	1.5905
Cl-36	0.0009	0.0005	0.0013	0.0016	0.0005	0.0004	0.0012	0.0015
Cl-38	0.9432	0.9364	0.9711	0.8990	0.9260	0.9970	1.0659	0.9839
Cl-39	1.9204	1.9065	1.9967	1.8710	1.8715	1.9985	2.1564	2.0301
Cl-40	2.4841	2.4640	2.5543	2.3761	2.4369	2.6233	2.8017	2.5982
Cm-238	1.9574	1.7415	2.1801	2.2474	1.6091	1.6145	2.1779	2.3406
Cm-239	3.8443	3.5430	4.2143	4.2414	3.3298	3.4072	4.3120	4.4471
Cm-240	0.2626	0.2064	0.3114	0.3449	0.1755	0.1619	0.2953	0.3379
Cm-241	4.6356	4.0875	5.2036	5.3886	3.7815	3.7895	5.2099	5.5658
Cm-242	0.2358	0.1852	0.2796	0.3097	0.1575	0.1453	0.2651	0.3034
Cm-243	2.4496	2.1167	2.7909	2.9324	1.9502	1.9310	2.7671	3.0125
Cm-244	0.2024	0.1590	0.2401	0.2659	0.1352	0.1247	0.2277	0.2606
Cm-245	2.5895	2.2713	2.9125	3.0294	2.0908	2.0846	2.8989	3.1344
Cm-246	0.1665	0.1319	0.1967	0.2170	0.1128	0.1048	0.1872	0.2131
Cm-247	1.1277	1.1075	1.1949	1.1271	1.0777	1.1438	1.2616	1.2055
Cm-248	2.0223	1.9705	2.1264	2.0250	1.9155	2.0368	2.2668	2.1748
Cm-249	0.2463	0.1626	0.3281	0.3910	0.1560	0.1352	0.3101	0.3828
Cm-250	18.9600	18.7582	19.7335	18.5162	18.3791	19.6852	21.2479	20.0721
Cm-251	0.4978	0.4623	0.5411	0.5389	0.4380	0.4522	0.5570	0.5681
Co-54m	3.8626	3.8271	4.0112	3.7518	3.7644	4.0366	4.3317	4.0571
Co-55	1.8030	1.7399	1.9106	1.8339	1.7110	1.8246	2.0397	1.9693
Co-56	3.6167	3.4298	3.8726	3.7745	3.3774	3.5804	4.1274	4.0265
Co-57	2.4552	2.0522	2.8874	3.1215	1.9697	1.9376	2.8824	3.1946
Co-58	1.6537	1.4748	1.8596	1.9039	1.4457	1.4979	1.9211	1.9896

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Co-58m	0.4536	0.2581	0.6417	0.7977	0.2466	0.1898	0.5907	0.7683
Co-60	2.6234	2.6004	2.7024	2.5319	2.5650	2.7561	2.9440	2.7454
Co-60m	0.5281	0.3129	0.7355	0.9058	0.2997	0.2394	0.6817	0.8753
Co-61	1.2372	1.1932	1.2999	1.2775	1.1700	1.2413	1.3672	1.3510
Co-62	1.5208	1.5077	1.5678	1.4663	1.4875	1.6013	1.7084	1.5900
Co-62m	2.7015	2.6781	2.7863	2.6057	2.6417	2.8434	3.0332	2.8244
Cr-48	3.0902	2.9556	3.3299	3.2537	2.8794	3.0181	3.4774	3.5100
Cr-49	1.4573	1.4286	1.5323	1.4704	1.3977	1.4859	1.6233	1.5891
Cr-51	0.3928	0.2811	0.5062	0.5860	0.2711	0.2481	0.4864	0.5803
Cr-55	0.0006	0.0006	0.0006	0.0005	0.0006	0.0006	0.0006	0.0006
Cr-56	2.2036	2.0592	2.3768	2.3659	1.9656	2.0578	2.4271	2.4696
Cs-121	1.1539	1.1281	1.2178	1.1617	1.0895	1.1573	1.2883	1.2359
Cs-121m	2.1523	2.1027	2.2763	2.1746	2.0290	2.1506	2.4077	2.3178
Cs-123	1.7993	1.7358	1.8987	1.8270	1.6646	1.7630	1.9741	1.9481
Cs-124	0.5894	0.5775	0.6199	0.5867	0.5597	0.5968	0.6551	0.6276
Cs-125	1.5736	1.5087	1.6654	1.6093	1.4385	1.5203	1.7271	1.7029
Cs-126	1.0085	0.9845	1.0642	1.0093	0.9519	1.0127	1.1191	1.0737
Cs-127	2.5098	2.4091	2.6650	2.5734	2.2942	2.4225	2.7552	2.7023
Cs-128	0.8089	0.7777	0.8573	0.8253	0.7427	0.7856	0.8904	0.8717
Cs-129	2.5482	2.4210	2.7156	2.6437	2.2845	2.4075	2.7791	2.7509
Cs-130m	2.2039	2.0410	2.3893	2.3965	1.9362	2.0294	2.4314	2.4715
Cs-130	0.7412	0.6932	0.7930	0.7826	0.6459	0.6771	0.8018	0.8063
Cs-131	1.1887	1.1036	1.2770	1.2681	1.0217	1.0679	1.2812	1.2976
Cs-132	2.4803	2.3812	2.6172	2.5225	2.2785	2.4188	2.7258	2.6560
Cs-134	2.8185	2.7863	2.9272	2.7400	2.7404	2.9466	3.1561	2.9835
Cs-134m	0.9237	0.7869	1.0651	1.1330	0.7437	0.7462	1.0562	1.1476
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	2.5294	2.4995	2.6246	2.4538	2.4583	2.6559	2.8288	2.6690
Cs-136	3.9752	3.9254	4.1441	3.8988	3.8468	4.1344	4.4477	4.2060
Cs-137	1.5539	1.5681	1.6240	1.5187	1.5110	1.6200	1.7547	1.6486
Cs-138m	1.5187	1.4441	1.6237	1.5855	1.3836	1.4577	1.6886	1.6693
Cs-138	2.5660	2.5421	2.6575	2.4829	2.5029	2.6869	2.8828	2.7030
Cs-139	0.2622	0.2599	0.2703	0.2523	0.2565	0.2756	0.2950	0.2747
Cs-140	1.7257	1.7089	1.7849	1.6659	1.6849	1.8112	1.9402	1.8147
Cu-57	0.1352	0.1336	0.1399	0.1313	0.1317	0.1419	0.1517	0.1419
Cu-59	0.6561	0.6454	0.6854	0.6464	0.6342	0.6789	0.7375	0.6994
Cu-60	2.6186	2.5757	2.7177	2.5556	2.5417	2.7256	2.9538	2.7736
Cu-61	0.7337	0.6240	0.8560	0.9097	0.6079	0.6106	0.8644	0.9324
Cu-62	0.0214	0.0154	0.0273	0.0315	0.0150	0.0138	0.0264	0.0312
Cu-64	0.2775	0.1603	0.3903	0.4833	0.1534	0.1198	0.3603	0.4662

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Cu-66	0.1278	0.1266	0.1323	0.1238	0.1248	0.1348	0.1430	0.1336
Cu-67	1.2131	1.1508	1.3207	1.3026	1.1199	1.1697	1.3866	1.3865
Cu-69	0.7580	0.7506	0.7860	0.7352	0.7390	0.7967	0.8490	0.7974
Dy-148	2.5325	2.3946	2.7088	2.6643	2.3345	2.4796	2.8553	2.8091
Dy-149	3.9828	3.7805	4.2496	4.1631	3.6882	3.9205	4.4846	4.4202
Dy-150	1.6640	1.5746	1.7936	1.7610	1.5299	1.6198	1.8759	1.8461
Dy-151	3.7606	3.5299	4.0620	4.0177	3.4402	3.6340	4.2694	4.2321
Dy-152	2.6247	2.4890	2.8376	2.7955	2.4109	2.5398	2.9635	2.9455
Dy-153	4.8814	4.5773	5.2681	5.2360	4.4456	4.6996	5.5125	5.5040
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	3.2878	3.1222	3.5317	3.4738	3.0316	3.2061	3.7156	3.6669
Dy-157	2.6979	2.5514	2.9041	2.8639	2.4745	2.6234	3.0400	3.0146
Dy-159	1.5914	1.4337	1.7536	1.8040	1.3842	1.4529	1.8082	1.8572
Dy-165m	0.4639	0.3479	0.5795	0.6599	0.3357	0.3178	0.5642	0.6580
Dy-165	0.2587	0.2402	0.2813	0.2826	0.2336	0.2458	0.2931	0.2966
Dy-166	1.2470	1.0913	1.4116	1.4858	1.0570	1.0895	1.4414	1.5172
Dy-167	2.1671	2.0906	2.3134	2.2387	2.0378	2.1582	2.4464	2.3902
Dy-168	2.1471	2.0313	2.3213	2.2898	1.9766	2.0803	2.4460	2.4200
Er-154	1.9708	1.7282	2.2169	2.3186	1.6416	1.6862	2.2423	2.3528
Er-156	2.5203	2.0866	2.9571	3.2109	2.0041	2.0106	2.9541	3.2331
Er-159	3.0989	2.9174	3.3407	3.3074	2.8449	3.0066	3.5219	3.4777
Er-161	3.3056	3.0829	3.5857	3.5778	3.0053	3.1730	3.7652	3.7523
Er-163	1.3375	1.1943	1.4886	1.5470	1.1554	1.2054	1.5367	1.5827
Er-165	1.2962	1.1537	1.4461	1.5061	1.1161	1.1627	1.4910	1.5396
Er-167m	1.0664	0.9783	1.1865	1.2057	0.9476	0.9791	1.2336	1.2573
Er-169	0.0131	0.0075	0.0185	0.0230	0.0071	0.0055	0.0170	0.0222
Er-171	2.7249	2.5823	2.9489	2.9121	2.5115	2.6413	3.0878	3.0834
Er-172	2.4782	2.3249	2.6875	2.6713	2.2677	2.3881	2.8215	2.7965
Er-173	4.1403	3.9532	4.4508	4.3702	3.8498	4.0562	4.7054	4.6392
Es-249	3.3659	3.0818	3.6903	3.7278	2.8801	2.9424	3.7445	3.8754
Es-250	10.3344	9.1511	11.5303	11.9252	8.3849	8.4184	11.5062	12.1909
Es-250m	3.0085	2.7354	3.3009	3.3531	2.5457	2.5944	3.3430	3.4762
Es-251	2.8598	2.4730	3.2380	3.4133	2.2450	2.2164	3.1962	3.4654
Es-253	0.0621	0.0492	0.0735	0.0811	0.0426	0.0397	0.0700	0.0797
Es-254	2.2092	1.6931	2.6728	3.0035	1.4709	1.3467	2.5306	2.9367
Es-254m	1.6557	1.5131	1.8071	1.8183	1.4149	1.4553	1.8421	1.8772
Es-255	0.0010	0.0010	0.0010	0.0010	0.0009	0.0010	0.0011	0.0010
Es-256	0.3081	0.2539	0.3560	0.3848	0.2196	0.2094	0.3405	0.3787
Eu-142	0.3491	0.3386	0.3655	0.3485	0.3318	0.3562	0.3910	0.3751
Eu-142m	4.5952	4.4505	4.8519	4.6406	4.3709	4.6698	5.1797	4.9959

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Eu-143	0.7012	0.6669	0.7426	0.7230	0.6498	0.6931	0.7832	0.7698
Eu-144	0.3127	0.2976	0.3308	0.3212	0.2902	0.3098	0.3499	0.3424
Eu-145	2.7635	2.6390	2.9239	2.8345	2.5732	2.7520	3.0871	3.0201
Eu-146	4.6502	4.5084	4.8789	4.6607	4.4139	4.7302	5.1998	5.0006
Eu-147	2.8894	2.7350	3.0834	3.0310	2.6500	2.8123	3.2251	3.2124
Eu-148	5.3888	5.2326	5.6624	5.4067	5.1185	5.4690	6.0301	5.8220
Eu-149	1.5285	1.3552	1.7004	1.7566	1.3009	1.3533	1.7253	1.8145
Eu-150	5.0798	4.9304	5.3643	5.1304	4.8071	5.1289	5.6793	5.5060
Eu-150m	0.2379	0.2254	0.2542	0.2487	0.2184	0.2323	0.2652	0.2630
Eu-152	3.3706	3.2375	3.5681	3.4555	3.1539	3.3594	3.7652	3.6879
Eu-152m	0.9363	0.8926	0.9935	0.9677	0.8689	0.9270	1.0447	1.0296
Eu-152n	1.7435	1.5366	1.9719	2.0545	1.4929	1.5287	1.9948	2.1468
Eu-154	2.7184	2.6394	2.8616	2.7500	2.5835	2.7523	3.0498	2.9514
Eu-154m	2.0915	1.7915	2.4026	2.5524	1.7318	1.7526	2.4080	2.6255
Eu-155	1.2073	1.1370	1.2996	1.2887	1.1075	1.1666	1.3482	1.3786
Eu-156	1.6360	1.5848	1.7209	1.6478	1.5573	1.6645	1.8433	1.7698
Eu-157	2.2781	2.0914	2.4965	2.5230	2.0312	2.1269	2.5831	2.6284
Eu-158	2.2008	2.1118	2.3353	2.2595	2.0720	2.2125	2.4831	2.4069
Eu-159	2.5678	2.3993	2.7634	2.7582	2.3270	2.4631	2.8802	2.8915
F-17	0.0004	0.0004	0.0005	0.0004	0.0004	0.0005	0.0005	0.0005
F-18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-52	1.7017	1.6164	1.8589	1.8326	1.5713	1.6465	1.9715	1.9170
Fe-53	0.5813	0.5717	0.6159	0.5807	0.5583	0.5943	0.6524	0.6213
Fe-53m	3.7384	3.7021	3.8665	3.6167	3.6483	3.9294	4.1902	3.9192
Fe-55	0.3759	0.2137	0.5320	0.6614	0.2042	0.1570	0.4897	0.6370
Fe-59	1.3884	1.3762	1.4337	1.3440	1.3559	1.4581	1.5574	1.4543
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	1.8633	1.8473	1.9325	1.8111	1.8161	1.9514	2.0880	1.9609
Fe-62	1.2646	1.2507	1.3197	1.2376	1.2269	1.3073	1.4226	1.3736
Fm-251	2.5263	2.2179	2.8460	2.9727	2.0536	2.0523	2.8399	3.0437
Fm-252	0.1628	0.1328	0.1891	0.2056	0.1140	0.1077	0.1804	0.2021
Fm-253	2.4380	2.0671	2.7889	2.9748	1.8513	1.8054	2.7228	2.9842
Fm-254	0.1741	0.1437	0.2010	0.2170	0.1245	0.1188	0.1930	0.2143
Fm-255	1.7762	1.4039	2.1058	2.3322	1.2101	1.1255	2.0002	2.2820
Fm-256	17.8707	17.6797	18.6008	17.4540	17.3188	18.5487	20.0241	18.9193
Fm-257	2.7781	2.4487	3.1131	3.2369	2.2373	2.2320	3.0975	3.3049
Fr-212	3.8338	3.4603	4.2570	4.3424	3.2993	3.3812	4.3629	4.5247
Fr-219	0.0172	0.0164	0.0186	0.0181	0.0159	0.0167	0.0194	0.0193
Fr-220	0.3642	0.2892	0.4356	0.4803	0.2654	0.2540	0.4244	0.4817
Fr-221	0.2709	0.2541	0.2962	0.2942	0.2433	0.2519	0.3075	0.3104

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Fr-222	1.9214	1.7106	2.1589	2.2275	1.5978	1.6097	2.1859	2.3032
Fr-223	1.5533	1.3400	1.7614	1.8611	1.2403	1.2484	1.7680	1.8833
Fr-224	1.8800	1.7519	2.0480	2.0399	1.6731	1.7333	2.1266	2.1451
Fr-227	2.9906	2.7634	3.2649	3.2728	2.6443	2.7368	3.3569	3.4567
Ga-64	1.9094	1.8842	1.9780	1.8524	1.8600	2.0041	2.1498	2.0105
Ga-65	1.8476	1.6503	2.0820	2.1539	1.6078	1.6418	2.1319	2.2545
Ga-66	1.6094	1.4391	1.8008	1.8406	1.4155	1.4659	1.8779	1.9226
Ga-67	2.3647	1.8747	2.8859	3.1950	1.8176	1.7559	2.8416	3.2410
Ga-68	0.1400	0.0999	0.1798	0.2083	0.0969	0.0890	0.1736	0.2061
Ga-70	0.0170	0.0153	0.0191	0.0196	0.0150	0.0155	0.0198	0.0203
Ga-72	2.8543	2.8245	2.9552	2.7576	2.7844	3.0026	3.2067	3.0013
Ga-73	2.7463	2.2111	3.3234	3.6464	2.1367	2.0853	3.2900	3.6875
Ga-74	3.1599	3.1289	3.2701	3.0525	3.0843	3.3135	3.5550	3.3286
Gd-142	1.5551	1.4902	1.6520	1.6038	1.4504	1.5432	1.7464	1.7068
Gd-143m	3.9955	3.8541	4.2368	4.0859	3.7547	3.9967	4.4779	4.3651
Gd-144	1.1192	1.0518	1.1977	1.1814	1.0216	1.0862	1.2557	1.2466
Gd-145m	1.6204	1.4906	1.7788	1.7808	1.4543	1.5228	1.8512	1.8698
Gd-145	2.3810	2.2914	2.5051	2.4071	2.2444	2.4020	2.6773	2.5772
Gd-146	4.9377	4.6503	5.2966	5.2463	4.5031	4.7625	5.5239	5.5484
Gd-147	4.7590	4.5958	5.0481	4.8629	4.4752	4.7654	5.3350	5.1864
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	3.6452	3.4722	3.8965	3.8120	3.3686	3.5791	4.0941	4.0291
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	1.7973	1.5877	2.0128	2.0897	1.5258	1.5803	2.0477	2.1500
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	2.7106	2.5198	2.9220	2.9166	2.4390	2.5761	3.0179	3.0934
Gd-159	0.5010	0.4685	0.5419	0.5398	0.4543	0.4804	0.5652	0.5639
Gd-162	1.4625	1.4019	1.5756	1.5214	1.3684	1.4431	1.6546	1.6197
Ge-66	3.0584	2.5902	3.5745	3.8106	2.5095	2.5154	3.5951	3.9009
Ge-67	1.7522	1.7041	1.8721	1.8018	1.6622	1.7628	2.0077	1.9076
Ge-68	0.9244	0.5267	1.3066	1.6234	0.5027	0.3871	1.2029	1.5639
Ge-69	1.6791	1.3590	2.0120	2.1965	1.3256	1.3064	2.0121	2.2285
Ge-71	0.9375	0.5342	1.3252	1.6466	0.5098	0.3926	1.2200	1.5861
Ge-75	0.1859	0.1843	0.1971	0.1861	0.1791	0.1895	0.2088	0.2009
Ge-77	3.1962	3.1586	3.3683	3.1791	3.0816	3.2747	3.5966	3.4339
Ge-78	1.3848	1.3754	1.4638	1.3781	1.3372	1.4195	1.5513	1.4891
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	1.8780	1.7462	2.0552	2.0650	1.6980	1.7784	2.1412	2.1584
Hf-169	2.7507	2.5456	3.0094	3.0295	2.4830	2.5930	3.1442	3.1889
Hf-170	3.9358	3.5235	4.4148	4.5685	3.4281	3.5315	4.5519	4.7220

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Hf-172	3.5087	2.9560	4.0746	4.3920	2.8406	2.8465	4.0882	4.4414
Hf-173	4.4483	4.1530	4.8476	4.8734	4.0398	4.2168	5.0587	5.1127
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	2.9320	2.6896	3.2366	3.2854	2.6164	2.7267	3.3543	3.4133
Hf-177m	15.3678	14.5016	16.7381	16.5772	14.1040	14.7496	17.4991	17.5016
Hf-178m	10.8692	10.2973	11.7914	11.5991	10.0403	10.5197	12.3581	12.3515
Hf-179m	6.5568	6.0542	7.2393	7.3004	5.8908	6.1156	7.5218	7.6355
Hf-180m	5.6652	5.3568	6.1517	6.0715	5.2166	5.4655	6.4406	6.4317
Hf-181	2.7679	2.5957	3.0143	2.9991	2.5315	2.6414	3.1564	3.1811
Hf-182	1.5588	1.5013	1.6813	1.6344	1.4594	1.5332	1.7642	1.7382
Hf-182m	4.9813	4.6084	5.4771	5.5099	4.4903	4.6757	5.6976	5.7857
Hf-183	2.3939	2.2953	2.5469	2.4798	2.2501	2.3905	2.6934	2.6422
Hf-184	3.4316	2.7822	4.1201	4.5196	2.6901	2.6369	4.0975	4.5624
Hg-190	3.7907	3.2953	4.3360	4.5760	3.1760	3.2097	4.3972	4.6877
Hg-191m	5.7986	5.2811	6.4455	6.5461	5.1302	5.2965	6.6451	6.8382
Hg-192	3.7956	3.2773	4.3650	4.6171	3.1562	3.1796	4.3998	4.7330
Hg-193	3.7454	3.2839	4.2526	4.4436	3.1755	3.2326	4.3280	4.5777
Hg-193m	3.4382	3.1255	3.8099	3.8729	3.0388	3.1445	3.9331	4.0406
Hg-194	0.5470	0.3337	0.7477	0.9102	0.3067	0.2453	0.6923	0.8815
Hg-195	2.5736	2.1067	3.0428	3.3222	2.0198	1.9887	3.0196	3.3598
Hg-195m	2.9785	2.3236	3.6365	4.0563	2.2076	2.1087	3.5543	4.0675
Hg-197	2.3865	1.9304	2.8411	3.1261	1.8490	1.8110	2.8054	3.1496
Hg-197m	2.2139	1.7947	2.6423	2.8988	1.7118	1.6680	2.6145	2.9282
Hg-199m	2.6958	2.3424	3.0915	3.2531	2.2521	2.2792	3.1391	3.3227
Hg-203	1.4334	1.3771	1.5465	1.5036	1.3344	1.4012	1.6168	1.6005
Hg-205	0.0501	0.0472	0.0546	0.0542	0.0456	0.0474	0.0572	0.0573
Hg-206	0.6912	0.6535	0.7498	0.7389	0.6334	0.6645	0.7810	0.7818
Hg-207	3.8003	3.6885	4.0137	3.8339	3.6137	3.8516	4.2810	4.1098
Ho-150	1.9837	1.9392	2.0756	1.9674	1.9045	2.0474	2.2262	2.1235
Ho-153	2.6351	2.5227	2.8163	2.7476	2.4559	2.6063	2.9689	2.9126
Ho-153m	3.1182	2.9600	3.3569	3.2996	2.8805	3.0424	3.5284	3.4914
Ho-154m	6.0840	5.9405	6.4269	6.1195	5.8041	6.1871	6.8353	6.5783
Ho-154	3.1838	3.1026	3.3615	3.2098	3.0315	3.2366	3.5769	3.4393
Ho-155	2.7774	2.5627	3.0436	3.0687	2.4862	2.6048	3.1663	3.2024
Ho-156	4.6102	4.4396	4.9090	4.7617	4.3303	4.5948	5.2055	5.0620
Ho-157	4.1786	3.8869	4.5465	4.5579	3.7695	3.9679	4.7453	4.7603
Ho-159	4.6146	4.3123	5.0038	5.0098	4.1830	4.4004	5.2269	5.2499
Ho-160	4.8036	4.5524	5.1475	5.0530	4.4475	4.7250	5.4343	5.3435
Ho-161	2.1729	1.9193	2.4310	2.5278	1.8274	1.8841	2.4650	2.5792
Ho-162	1.7732	1.5803	1.9760	2.0512	1.5299	1.5939	2.0333	2.1051

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ho-162m	3.2037	2.8749	3.5789	3.6882	2.7900	2.8929	3.6947	3.8071
Ho-163	0.0151	0.0086	0.0213	0.0265	0.0082	0.0063	0.0196	0.0256
Ho-164	1.0058	0.8899	1.1263	1.1758	0.8606	0.8939	1.1554	1.2041
Ho-164m	2.0380	1.6614	2.4144	2.6481	1.6022	1.5979	2.4100	2.6595
Ho-166	0.3943	0.3276	0.4633	0.5033	0.3181	0.3193	0.4654	0.5086
Ho-166m	5.0778	4.8748	5.4354	5.2767	4.7628	5.0477	5.7646	5.6173
Ho-167	1.9281	1.8526	2.0702	2.0113	1.8033	1.9088	2.1787	2.1329
Ho-168	1.9435	1.8427	2.0880	2.0434	1.8064	1.9163	2.2086	2.1711
Ho-168m	0.4333	0.3156	0.5485	0.6334	0.3039	0.2844	0.5315	0.6249
Ho-170	4.6018	4.3861	4.9422	4.8337	4.2874	4.5412	5.2232	5.1213
I-118m	5.5146	5.4381	5.7362	5.3915	5.3284	5.7097	6.1631	5.8289
I-118	1.8959	1.8686	1.9714	1.8527	1.8305	1.9598	2.1188	2.0064
I-119	2.1656	2.1090	2.2959	2.1927	2.0140	2.1232	2.3891	2.3258
I-120	2.4498	2.4026	2.5494	2.4027	2.3411	2.5008	2.7319	2.5973
I-120m	4.8394	4.7644	5.0351	4.7362	4.6617	4.9865	5.4060	5.1302
I-121	2.6535	2.5634	2.8132	2.7087	2.4261	2.5493	2.9204	2.8555
I-122	0.5616	0.5398	0.5917	0.5683	0.5132	0.5424	0.6150	0.6010
I-123	2.7185	2.6101	2.8899	2.7961	2.4633	2.5967	3.0016	2.9012
I-124	2.1836	2.1053	2.2941	2.1966	2.0105	2.1307	2.3967	2.3227
I-125	2.3596	2.1972	2.5204	2.4849	2.0089	2.0905	2.5152	2.5366
I-126	1.6126	1.5585	1.7012	1.6259	1.4886	1.5772	1.7708	1.7141
I-128	0.2679	0.2602	0.2827	0.2692	0.2495	0.2642	0.2958	0.2869
I-129	1.2343	1.1523	1.3191	1.3038	1.0700	1.1231	1.3284	1.3392
I-130m	0.5621	0.5135	0.6168	0.6204	0.4872	0.5043	0.6281	0.6448
I-130	4.2431	4.1951	4.4158	4.1357	4.1215	4.4201	4.7534	4.5034
I-131	1.6544	1.6508	1.7292	1.6121	1.6049	1.7079	1.8407	1.7551
I-132	3.7722	3.7305	3.9152	3.6639	3.6698	3.9479	4.2234	3.9800
I-132m	1.4499	1.3437	1.5767	1.5686	1.2785	1.3305	1.6199	1.6356
I-133	1.3372	1.3222	1.3932	1.3066	1.2977	1.3863	1.5015	1.4381
I-134m	2.5838	2.4859	2.7434	2.6481	2.3548	2.4833	2.8291	2.7806
I-134	3.9491	3.9078	4.0992	3.8344	3.8431	4.1407	4.4212	4.1609
I-135	1.7548	1.7392	1.8144	1.6965	1.7130	1.8405	1.9696	1.8422
In-103	2.9802	2.9420	3.1080	2.9247	2.8659	3.0617	3.3408	3.1536
In-105	2.8162	2.7607	2.9439	2.7950	2.6600	2.8214	3.1213	2.9944
In-106	4.7711	4.7047	4.9601	4.6564	4.6028	4.9412	5.3228	5.0288
In-106m	2.1915	2.1602	2.2720	2.1289	2.1161	2.2686	2.4499	2.3001
In-107	2.7848	2.7088	2.9231	2.7844	2.5749	2.7155	3.0711	2.9631
In-108	6.5935	6.4705	6.8743	6.4848	6.2702	6.6948	7.3180	6.9550
In-108m	2.5257	2.4647	2.6282	2.4839	2.3762	2.5294	2.7957	2.6561
In-109	3.0607	2.9575	3.2273	3.0986	2.7763	2.9076	3.3514	3.2667

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
In-109m	1.2502	1.2310	1.3000	1.2219	1.2045	1.2906	1.3934	1.3157
In-110	6.1786	6.0361	6.4428	6.0919	5.8246	6.2183	6.8278	6.5130
In-110m	1.8833	1.8328	1.9658	1.8645	1.7596	1.8697	2.0760	1.9858
In-111	4.0856	3.9661	4.3314	4.1523	3.7375	3.9156	4.5106	4.3672
In-111m	1.2496	1.2268	1.3056	1.2312	1.1916	1.2668	1.3928	1.3439
In-112	0.4945	0.4625	0.5242	0.5130	0.4150	0.4265	0.5236	0.5255
In-112m	1.1281	1.0588	1.1996	1.1727	0.9591	0.9914	1.2041	1.1987
In-113m	1.2539	1.2172	1.3259	1.2597	1.1564	1.2197	1.3749	1.3251
In-114	0.0087	0.0082	0.0091	0.0089	0.0075	0.0078	0.0093	0.0092
In-114m	0.9321	0.8785	0.9945	0.9719	0.8088	0.8381	1.0098	1.0054
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	1.1756	1.1310	1.2427	1.1924	1.0588	1.1121	1.2762	1.2499
In-116m	2.8366	2.8107	2.9344	2.7459	2.7673	2.9721	3.1825	2.9751
In-117	2.7724	2.7350	2.9126	2.7532	2.6622	2.8386	3.1311	2.9526
In-117m	0.8454	0.8172	0.8941	0.8579	0.7699	0.8111	0.9288	0.8983
In-118m	3.5559	3.5219	3.6779	3.4452	3.4685	3.7315	3.9848	3.7295
In-118	0.0875	0.0867	0.0903	0.0846	0.0855	0.0918	0.0982	0.0919
In-119	1.5747	1.5183	1.6606	1.5888	1.4688	1.5638	1.7532	1.6974
In-119m	0.2466	0.2281	0.2666	0.2646	0.2120	0.2191	0.2703	0.2731
In-121	1.4413	1.4271	1.4969	1.4002	1.4029	1.5138	1.6116	1.5145
In-121m	0.9169	0.8719	0.9637	0.9375	0.8090	0.8477	0.9798	0.9684
Ir-180	4.0022	3.7023	4.3966	4.4178	3.6087	3.7532	4.5678	4.6399
Ir-182	3.9285	3.6055	4.3435	4.3983	3.5096	3.6307	4.4932	4.6069
Ir-183	4.3254	3.8248	4.8861	5.0833	3.7242	3.8039	4.9939	5.2586
Ir-184	5.8999	5.4295	6.5033	6.5578	5.2940	5.4917	6.7429	6.8819
Ir-185	4.3471	3.6490	5.0786	5.4659	3.5389	3.5271	5.0981	5.5745
Ir-186	5.6874	5.2425	6.2580	6.3060	5.1115	5.3106	6.4990	6.6127
Ir-186m	3.3426	3.0544	3.6873	3.7395	2.9831	3.0976	3.8270	3.9099
Ir-187	2.9620	2.4931	3.4502	3.7143	2.4197	2.4175	3.4623	3.7823
Ir-188	4.1777	3.8237	4.6014	4.6554	3.7388	3.8845	4.7975	4.8685
Ir-189	2.2113	1.7817	2.6446	2.9219	1.7222	1.6811	2.6143	2.9436
Ir-190	6.1091	5.7195	6.6596	6.6155	5.5796	5.8270	6.9639	6.9875
Ir-190m	0.5218	0.3016	0.7326	0.9065	0.2855	0.2216	0.6752	0.8743
Ir-190n	1.7537	1.4489	2.0615	2.2495	1.4024	1.3875	2.0530	2.2769
Ir-191m	2.2124	1.7642	2.6639	2.9556	1.6960	1.6416	2.6258	2.9760
Ir-192	3.2222	3.1446	3.4195	3.2665	3.0652	3.2545	3.6213	3.5179
Ir-192m	0.5998	0.3587	0.8283	1.0145	0.3332	0.2636	0.7658	0.9813
Ir-192n	1.2564	0.7559	1.7305	2.1160	0.7021	0.5581	1.6013	2.0479
Ir-193m	0.5232	0.3058	0.7311	0.9021	0.2891	0.2265	0.6749	0.8708
Ir-194	0.2924	0.2868	0.3089	0.2934	0.2797	0.2981	0.3278	0.3155

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ir-194m	6.8050	6.6336	7.1997	6.8611	6.4858	6.8936	7.6531	7.4069
Ir-195	1.7310	1.4136	2.0515	2.2450	1.3588	1.3339	2.0307	2.2763
Ir-195m	2.4610	2.2048	2.7666	2.8455	2.1362	2.1893	2.8303	2.9567
Ir-196	0.5889	0.5774	0.6209	0.5880	0.5647	0.6028	0.6607	0.6331
Ir-196m	7.4642	7.1912	7.9774	7.6774	7.0247	7.4256	8.4240	8.2317
K-38	1.2621	1.2531	1.2996	1.2017	1.2399	1.3367	1.4306	1.3152
K-40	0.1455	0.1410	0.1527	0.1458	0.1391	0.1481	0.1649	0.1573
K-42	0.2390	0.2372	0.2461	0.2289	0.2342	0.2515	0.2687	0.2501
K-43	2.5499	2.5248	2.6693	2.5002	2.4730	2.6446	2.8537	2.6957
K-44	1.9630	1.9465	2.0245	1.8883	1.9214	2.0698	2.2081	2.0526
K-45	2.4454	2.4273	2.5489	2.3899	2.3804	2.5479	2.7717	2.5805
K-46	1.9422	1.9262	1.9957	1.8632	1.9037	2.0467	2.1860	2.0308
Kr-74	2.5055	2.2822	2.7810	2.8229	2.1874	2.2449	2.8553	2.9631
Kr-75	2.1350	2.0141	2.3124	2.2909	1.9369	2.0157	2.4224	2.4151
Kr-76	3.3144	2.8607	3.7964	3.9712	2.6825	2.6876	3.8157	4.0848
Kr-77	2.2410	2.1289	2.4166	2.3875	2.0505	2.1357	2.5358	2.5263
Kr-79	1.6502	1.3092	1.9803	2.1682	1.1970	1.1392	1.9353	2.1842
Kr-81	1.0928	0.7472	1.4011	1.6330	0.6463	0.5489	1.3131	1.6021
Kr-81m	1.3838	1.2826	1.5215	1.5206	1.2117	1.2448	1.5812	1.5935
Kr-83m	0.4787	0.3211	0.6210	0.7302	0.2806	0.2360	0.5805	0.7140
Kr-85	0.0055	0.0055	0.0058	0.0054	0.0053	0.0057	0.0062	0.0060
Kr-85m	1.4720	1.4294	1.5709	1.5160	1.3797	1.4570	1.6733	1.6010
Kr-87	1.0630	1.0531	1.1112	1.0364	1.0334	1.1067	1.1937	1.1187
Kr-88	1.9814	1.9301	2.0792	1.9739	1.8767	1.9958	2.2373	2.1268
Kr-89	2.2675	2.2432	2.3580	2.2092	2.2025	2.3594	2.5491	2.4021
La-128	4.3155	4.2564	4.5166	4.2549	4.1592	4.4445	4.8272	4.6041
La-129	2.0844	2.0159	2.2112	2.1297	1.9410	2.0556	2.3079	2.2678
La-130	3.1829	3.1279	3.3351	3.1486	3.0521	3.2638	3.5541	3.3916
La-131	2.7963	2.6884	2.9724	2.8757	2.5821	2.7322	3.0881	3.0507
La-132	3.0055	2.9290	3.1569	3.0021	2.8489	3.0373	3.3529	3.2301
La-132m	2.8298	2.7157	3.0148	2.9296	2.6262	2.7771	3.1617	3.1075
La-133	1.4921	1.3324	1.6607	1.7067	1.2568	1.2972	1.6659	1.7436
La-134	0.5490	0.5139	0.5889	0.5828	0.4866	0.5131	0.6015	0.6040
La-135	1.2506	1.1583	1.3503	1.3494	1.0882	1.1431	1.3646	1.3873
La-136	0.8363	0.7763	0.9016	0.8992	0.7304	0.7683	0.9131	0.9257
La-137	1.1882	1.0970	1.2854	1.2879	1.0297	1.0805	1.2967	1.3217
La-138	1.9218	1.8541	2.0212	1.9410	1.8010	1.9202	2.1411	2.0686
La-140	2.7915	2.7638	2.8966	2.7046	2.7187	2.9169	3.1343	2.9555
La-141	0.0248	0.0246	0.0255	0.0239	0.0243	0.0261	0.0279	0.0260
La-142	1.9651	1.9467	2.0296	1.8915	1.9211	2.0682	2.2120	2.0587

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
La-143	0.2815	0.2788	0.2912	0.2718	0.2748	0.2955	0.3161	0.2955
Lu-165	4.0500	3.7581	4.4230	4.4513	3.6605	3.8313	4.6244	4.6538
Lu-167	4.5229	4.1787	4.9500	4.9769	4.0610	4.2447	5.1639	5.1942
Lu-169m	0.3793	0.2158	0.5364	0.6667	0.2061	0.1586	0.4938	0.6422
Lu-169	4.1562	3.8336	4.5515	4.5963	3.7412	3.9175	4.7649	4.7910
Lu-170	3.9620	3.6790	4.3058	4.3088	3.6042	3.7893	4.5390	4.5194
Lu-171m	0.4054	0.2335	0.5707	0.7075	0.2232	0.1737	0.5264	0.6821
Lu-171	4.1960	3.6450	4.7786	5.0393	3.5183	3.5891	4.8662	5.1452
Lu-172	5.4911	5.0857	6.0040	6.0269	4.9705	5.2156	6.2881	6.3061
Lu-172m	0.3410	0.1940	0.4823	0.5995	0.1853	0.1426	0.4439	0.5774
Lu-173	3.4540	3.0955	3.8592	4.0053	3.0072	3.1153	3.9811	4.1148
Lu-174	1.8235	1.5606	2.0975	2.2452	1.5149	1.5411	2.1335	2.2757
Lu-174m	2.2912	1.8133	2.7690	3.0887	1.7544	1.7137	2.7402	3.0884
Lu-176	3.6261	3.3853	3.9867	3.9848	3.2882	3.4210	4.1521	4.1989
Lu-176m	0.4884	0.3850	0.5934	0.6620	0.3735	0.3623	0.5840	0.6666
Lu-177	0.4132	0.3807	0.4575	0.4633	0.3698	0.3815	0.4741	0.4878
Lu-177m	8.1039	7.6144	8.8455	8.8040	7.4052	7.7285	9.2422	9.2708
Lu-178	0.4252	0.3660	0.4890	0.5176	0.3570	0.3610	0.4966	0.5341
Lu-178m	6.5374	6.2087	7.0790	6.9580	6.0505	6.3508	7.4059	7.3961
Lu-179	0.2132	0.2087	0.2273	0.2184	0.2026	0.2132	0.2416	0.2343
Lu-180	3.2266	3.0703	3.4700	3.3930	3.0052	3.1671	3.6640	3.6039
Lu-181	2.8097	2.5008	3.1713	3.2792	2.4351	2.4989	3.2577	3.4025
Mg-27	1.3110	1.2982	1.3592	1.2697	1.2782	1.3819	1.4671	1.3773
Mg-28	2.7341	2.6909	2.8355	2.6695	2.5944	2.7792	3.0014	2.8437
Mn-50m	4.3373	4.2952	4.4838	4.1926	4.2332	4.5594	4.8633	4.5525
Mn-51	0.0157	0.0117	0.0196	0.0222	0.0114	0.0108	0.0192	0.0222
Mn-52	4.0946	3.9645	4.3167	4.1269	3.9033	4.1703	4.6277	4.4364
Mn-52m	1.3027	1.2898	1.3431	1.2555	1.2730	1.3658	1.4649	1.3668
Mn-53	0.3061	0.1740	0.4332	0.5386	0.1663	0.1279	0.3987	0.5188
Mn-54	1.5810	1.4353	1.7553	1.7732	1.4081	1.4705	1.8255	1.8623
Mn-56	1.8218	1.8049	1.8850	1.7552	1.7795	1.9217	2.0449	1.9122
Mn-57	0.9707	0.7558	1.1836	1.3217	0.7098	0.6731	1.1545	1.3240
Mn-58m	2.8949	2.8673	2.9953	2.7980	2.8247	3.0402	3.2476	3.0488
Mo-101	2.4256	2.3471	2.5672	2.4629	2.2923	2.4327	2.7387	2.6428
Mo-102	0.1540	0.1522	0.1626	0.1547	0.1470	0.1553	0.1735	0.1655
Mo-89	0.3088	0.3008	0.3221	0.3065	0.2910	0.3103	0.3438	0.3275
Mo-90	4.2275	3.9940	4.5263	4.4772	3.6914	3.8074	4.6312	4.6502
Mo-91m	1.2871	1.2625	1.3376	1.2637	1.2310	1.3152	1.4366	1.3584
Mo-91	0.0853	0.0750	0.0934	0.0974	0.0637	0.0627	0.0909	0.0960
Mo-93	1.1279	0.9715	1.2481	1.3236	0.7995	0.7702	1.1915	1.2851

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Mo-93m	3.7527	3.6727	3.9240	3.7203	3.5534	3.7756	4.1800	3.9903
Mo-99	0.4662	0.4554	0.4891	0.4662	0.4373	0.4643	0.5187	0.4971
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	0.8790	0.8707	0.8984	0.8288	0.8690	0.9427	0.9948	0.9185
Na-22	1.3042	1.2927	1.3416	1.2587	1.2753	1.3682	1.4644	1.3654
Na-24	2.5421	2.5219	2.6103	2.4307	2.4947	2.6852	2.8703	2.6577
Nb-87	2.6902	2.5525	2.8876	2.8527	2.3759	2.4544	2.9898	2.9737
Nb-88m	4.8007	4.7430	4.9980	4.6876	4.6515	4.9912	5.3744	5.0614
Nb-88	6.3423	6.1675	6.6574	6.3618	5.9558	6.3342	7.0582	6.7824
Nb-89	0.6996	0.6513	0.7469	0.7413	0.6033	0.6251	0.7717	0.7671
Nb-89m	1.3678	1.3186	1.4449	1.3907	1.2621	1.3281	1.5246	1.5009
Nb-90	4.6906	4.5177	4.9377	4.7679	4.3193	4.5604	5.2335	5.0397
Nb-91	1.1523	0.9699	1.2940	1.3919	0.7949	0.7570	1.2303	1.3469
Nb-91m	0.9928	0.8575	1.0982	1.1622	0.7115	0.6883	1.0526	1.1324
Nb-92	3.7031	3.4995	3.9412	3.8640	3.2881	3.4415	4.0900	4.0446
Nb-92m	2.5080	2.3118	2.6997	2.7062	2.1155	2.1849	2.7463	2.7680
Nb-93m	0.2225	0.1855	0.2527	0.2735	0.1542	0.1463	0.2402	0.2652
Nb-94m	0.7783	0.6689	0.8632	0.9166	0.5523	0.5320	0.8246	0.8907
Nb-94	2.5243	2.4971	2.6185	2.4480	2.4576	2.6516	2.8242	2.6565
Nb-95	1.2532	1.2394	1.2998	1.2141	1.2198	1.3168	1.4024	1.3222
Nb-95m	1.1401	1.0332	1.2431	1.2708	0.9067	0.9079	1.2312	1.2760
Nb-96	4.0810	4.0385	4.2390	3.9671	3.9699	4.2683	4.5719	4.3178
Nb-97	1.2613	1.2464	1.3097	1.2273	1.2260	1.3171	1.4110	1.3271
Nb-98m	3.9920	3.9491	4.1392	3.8696	3.8840	4.1830	4.4716	4.2056
Nb-99	2.7372	2.6279	2.9000	2.8314	2.4698	2.5706	3.0044	2.9970
Nb-99m	0.9557	0.9349	0.9986	0.9461	0.9050	0.9620	1.0646	1.0210
Nd-134	2.9767	2.8679	3.1661	3.0668	2.7682	2.9398	3.3290	3.2431
Nd-135	3.3969	3.2455	3.6316	3.5385	3.1374	3.3164	3.8049	3.7607
Nd-136	2.8925	2.7078	3.1061	3.0769	2.6019	2.7471	3.2007	3.2455
Nd-137	3.0893	2.9549	3.2717	3.1769	2.8581	3.0449	3.4248	3.3693
Nd-138	1.2902	1.1928	1.3905	1.3905	1.1352	1.1995	1.4186	1.4448
Nd-139	1.2261	1.1501	1.3120	1.2947	1.1025	1.1689	1.3531	1.3559
Nd-139m	4.5331	4.3711	4.7778	4.6004	4.2457	4.5316	5.0313	4.9183
Nd-140	1.1902	1.0945	1.2856	1.2909	1.0402	1.0980	1.3078	1.3381
Nd-141	1.2102	1.1162	1.3048	1.3071	1.0617	1.1218	1.3297	1.3565
Nd-141m	1.2473	1.2263	1.2982	1.2208	1.2043	1.2976	1.3943	1.3234
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	1.3717	1.3030	1.4591	1.4279	1.2627	1.3411	1.5179	1.5262
Nd-149	2.3129	2.2497	2.4510	2.3548	2.1847	2.3157	2.5878	2.5278
Nd-151	2.6290	2.5780	2.7580	2.6263	2.5164	2.6807	2.9344	2.8363

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Nd-152	1.0558	0.9960	1.1499	1.1354	0.9543	0.9939	1.1899	1.1936
Ne-19	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0003	0.0003
Ne-24	1.3775	1.3634	1.4410	1.3492	1.3364	1.4256	1.5470	1.4818
Ni-56	4.9151	4.6428	5.3444	5.2529	4.5387	4.7765	5.6437	5.5538
Ni-57	1.8538	1.7107	2.0280	2.0314	1.6801	1.7500	2.1353	2.1436
Ni-59	0.5308	0.3017	0.7511	0.9339	0.2883	0.2217	0.6913	0.8995
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.5942	0.5892	0.6140	0.5733	0.5807	0.6240	0.6668	0.6226
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	5.4049	4.9212	5.9488	6.0071	4.6322	4.7533	6.0586	6.2878
Np-233	2.0807	1.8303	2.3364	2.4219	1.6963	1.6976	2.3277	2.5275
Np-234	3.3286	2.9663	3.6989	3.7921	2.7728	2.8090	3.7414	3.9482
Np-235	0.9092	0.6768	1.1147	1.2659	0.5807	0.5203	1.0506	1.2367
Np-236	4.8408	4.0833	5.5632	5.9277	3.6769	3.5873	5.4591	6.0010
Np-236m	1.2029	1.0430	1.3608	1.4241	0.9580	0.9507	1.3473	1.4737
Np-237	1.8602	1.5171	2.1707	2.3571	1.3426	1.2873	2.0980	2.3504
Np-238	1.5814	1.4072	1.7554	1.8009	1.3036	1.3264	1.7733	1.8424
Np-239	3.1416	2.7680	3.5366	3.6685	2.5690	2.5707	3.5316	3.8042
Np-240	4.6755	4.1849	5.1867	5.3055	3.8821	3.9385	5.2410	5.4729
Np-240m	1.3191	1.1629	1.4742	1.5227	1.0700	1.0762	1.4813	1.5605
Np-241	0.8037	0.7096	0.9005	0.9324	0.6548	0.6553	0.8989	0.9673
Np-242	0.4214	0.3932	0.4537	0.4478	0.3751	0.3918	0.4730	0.4704
Np-242m	4.0991	3.6205	4.5811	4.7287	3.3295	3.3576	4.5999	4.8345
O-14	1.2510	1.2425	1.2862	1.1899	1.2296	1.3261	1.4196	1.3049
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	2.2119	2.1989	2.3127	2.1798	2.1455	2.2805	2.4987	2.3620
Os-180	2.5162	2.0502	2.9833	3.2726	1.9635	1.9237	2.9519	3.2956
Os-181	5.1037	4.6265	5.6764	5.8030	4.5128	4.6615	5.8597	6.0472
Os-182	3.5373	3.1016	4.0313	4.2251	3.0148	3.0619	4.1150	4.3638
Os-183	4.9425	4.4336	5.5399	5.7155	4.3179	4.4355	5.6761	5.9173
Os-183m	2.8496	2.5597	3.1745	3.2674	2.5023	2.5855	3.2756	3.3883
Os-185	2.7636	2.4846	3.0787	3.1641	2.4280	2.5075	3.1741	3.2836
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	0.4992	0.2872	0.7025	0.8705	0.2726	0.2110	0.6473	0.8392
Os-190m	5.8728	5.4928	6.4246	6.3699	5.3560	5.5887	6.7261	6.7471
Os-191	2.3305	1.8839	2.7835	3.0679	1.8136	1.7679	2.7545	3.0976
Os-191m	0.6483	0.4215	0.8671	1.0408	0.4025	0.3446	0.8156	1.0152
Os-193	0.6800	0.5803	0.7878	0.8393	0.5614	0.5629	0.7935	0.8595
Os-194	0.5185	0.3353	0.6928	0.8305	0.3152	0.2688	0.6501	0.8096
Os-196	0.6406	0.5842	0.7106	0.7245	0.5677	0.5853	0.7318	0.7557

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
P-30	0.0010	0.0009	0.0010	0.0010	0.0009	0.0010	0.0011	0.0010
P-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pa-227	0.9216	0.7542	1.0774	1.1706	0.6830	0.6590	1.0503	1.1785
Pa-228	5.8466	5.1863	6.5387	6.7308	4.8551	4.9228	6.6050	6.9685
Pa-229	1.8993	1.6220	2.1707	2.2955	1.4937	1.4766	2.1444	2.3623
Pa-230	3.4055	3.0023	3.8185	3.9478	2.8006	2.8298	3.8401	4.0839
Pa-231	1.7378	1.3346	2.1052	2.3555	1.1768	1.0889	2.0090	2.3226
Pa-232	2.9623	2.6821	3.2661	3.3093	2.5177	2.5835	3.3351	3.4277
Pa-233	2.6316	2.3005	2.9738	3.0956	2.1240	2.1250	2.9649	3.1860
Pa-234	5.7505	5.1940	6.3521	6.4574	4.8691	4.9748	6.4645	6.7095
Pa-234m	0.0462	0.0419	0.0509	0.0516	0.0395	0.0405	0.0520	0.0537
Pa-235	0.1796	0.1024	0.2538	0.3152	0.0977	0.0753	0.2336	0.3037
Pa-236	2.0617	1.8702	2.2646	2.2881	1.7614	1.8086	2.3204	2.3773
Pa-237	1.2357	1.1673	1.3318	1.3029	1.1413	1.2049	1.4043	1.3926
Pb-194	4.2369	3.8444	4.6977	4.7857	3.7195	3.8416	4.8414	4.9925
Pb-195m	5.9676	5.4012	6.6447	6.7484	5.2133	5.3802	6.8228	7.0202
Pb-196	3.8739	3.4778	4.3375	4.4594	3.3531	3.4386	4.4349	4.6372
Pb-197	3.9235	3.6190	4.3003	4.3128	3.5153	3.6647	4.4634	4.5182
Pb-197m	5.2272	4.7285	5.8252	5.9287	4.5606	4.6993	5.9770	6.1675
Pb-198	3.7513	3.3610	4.2086	4.3318	3.2374	3.3202	4.2976	4.4868
Pb-199	3.3753	3.0752	3.7318	3.7843	2.9791	3.0876	3.8482	3.9468
Pb-200	3.5223	3.0593	4.0248	4.2394	2.9309	2.9615	4.0683	4.3456
Pb-201	3.8179	3.4843	4.2240	4.2822	3.3700	3.4938	4.3478	4.4688
Pb-201m	1.4158	1.2862	1.5635	1.5867	1.2439	1.2882	1.6127	1.6543
Pb-202	0.5198	0.3111	0.7173	0.8783	0.2888	0.2285	0.6632	0.8495
Pb-202m	4.3795	4.2059	4.6693	4.4999	4.1040	4.3549	4.9374	4.8037
Pb-203	3.1872	2.8581	3.5779	3.6830	2.7515	2.8187	3.6459	3.8189
Pb-204m	3.9234	3.8469	4.1194	3.8923	3.7699	4.0431	4.3981	4.1843
Pb-205	0.5261	0.3150	0.7260	0.8889	0.2923	0.2313	0.6712	0.8598
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	0.6524	0.4493	0.8383	0.9798	0.4012	0.3488	0.7899	0.9593
Pb-211	0.1639	0.1581	0.1746	0.1676	0.1542	0.1636	0.1844	0.1791
Pb-212	1.5104	1.3837	1.6743	1.6950	1.3273	1.3670	1.7179	1.7713
Pb-214	1.5905	1.4677	1.7534	1.7584	1.4115	1.4636	1.8063	1.8421
Pd-100	3.8027	3.6031	4.0037	3.9240	3.2700	3.3764	4.0503	4.0684
Pd-101	2.8890	2.7030	3.0634	3.0100	2.3867	2.4233	3.0611	3.0930
Pd-103	1.1936	1.0940	1.2720	1.2688	0.9291	0.9225	1.2421	1.2820
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.2999	1.2596	1.3754	1.3239	1.1773	1.2274	1.4352	1.3936

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Pd-109	0.6468	0.5920	0.6952	0.6939	0.5216	0.5268	0.6842	0.7050
Pd-111	0.1008	0.0991	0.1050	0.0992	0.0961	0.1025	0.1119	0.1068
Pd-112	0.4927	0.4305	0.5427	0.5661	0.3605	0.3494	0.5223	0.5592
Pd-114	0.2009	0.1985	0.2112	0.2009	0.1915	0.2020	0.2236	0.2160
Pd-96	3.5177	3.4149	3.6797	3.5257	3.2332	3.3995	3.8551	3.7594
Pd-97	2.9297	2.8727	3.0655	2.8973	2.7632	2.9292	3.2526	3.1145
Pd-98	3.1942	3.0530	3.3626	3.2622	2.8113	2.9072	3.4371	3.4477
Pd-99	2.8954	2.8138	3.0398	2.9159	2.6595	2.7901	3.1849	3.0903
Pm-136	4.0274	3.9754	4.2105	3.9531	3.8946	4.1774	4.5038	4.2701
Pm-137m	4.8586	4.7226	5.1349	4.9231	4.5888	4.8770	5.4259	5.2875
Pm-139	0.9048	0.8649	0.9615	0.9318	0.8375	0.8910	1.0054	0.9883
Pm-140m	4.4601	4.3822	4.6629	4.3947	4.2941	4.6120	4.9851	4.7336
Pm-140	0.3442	0.3310	0.3631	0.3501	0.3219	0.3439	0.3837	0.3733
Pm-141	0.8403	0.7884	0.8974	0.8857	0.7591	0.8063	0.9314	0.9305
Pm-142	0.3391	0.3155	0.3637	0.3613	0.3028	0.3210	0.3751	0.3782
Pm-143	1.6804	1.5756	1.7960	1.7717	1.5177	1.6138	1.8612	1.8629
Pm-144	4.3070	4.1708	4.5294	4.3347	4.0678	4.3465	4.8026	4.6468
Pm-145	1.2380	1.1294	1.3451	1.3601	1.0784	1.1362	1.3698	1.4103
Pm-146	2.3805	2.2972	2.5146	2.4139	2.2346	2.3841	2.6537	2.5855
Pm-147	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Pm-148	0.7553	0.7478	0.7824	0.7316	0.7363	0.7903	0.8476	0.7989
Pm-148m	4.3104	4.2501	4.4972	4.2287	4.1716	4.4681	4.8276	4.5902
Pm-149	0.0559	0.0539	0.0600	0.0580	0.0523	0.0552	0.0630	0.0619
Pm-150	2.4068	2.3835	2.5064	2.3492	2.3378	2.5088	2.6953	2.5434
Pm-151	1.8413	1.7801	1.9565	1.8861	1.7299	1.8374	2.0625	2.0151
Pm-152m	4.1533	4.0626	4.3766	4.1762	3.9634	4.2145	4.6493	4.4950
Pm-152	0.7684	0.7441	0.8099	0.7802	0.7266	0.7734	0.8586	0.8383
Pm-153	1.2080	1.1359	1.3022	1.2935	1.0954	1.1491	1.3496	1.3648
Pm-154	2.3278	2.2497	2.4518	2.3517	2.2078	2.3612	2.6203	2.5206
Pm-154m	3.9510	3.8353	4.1719	4.0012	3.7485	3.9907	4.4424	4.2933
Po-203	4.4371	4.0611	4.8773	4.9189	3.9149	4.0675	5.0453	5.1466
Po-204	6.5548	5.7318	7.4399	7.7677	5.4818	5.5672	7.5347	8.0067
Po-205	4.2163	3.8697	4.6221	4.6500	3.7402	3.8985	4.7878	4.8725
Po-206	5.2885	4.6770	5.9560	6.1560	4.4700	4.5629	6.0614	6.3795
Po-207	3.8266	3.5160	4.1945	4.2172	3.3982	3.5440	4.3409	4.4137
Po-208	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-209	0.0533	0.0402	0.0667	0.0756	0.0386	0.0364	0.0648	0.0754
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-211	0.0147	0.0145	0.0154	0.0144	0.0143	0.0153	0.0165	0.0157
Po-212m	0.0585	0.0578	0.0605	0.0565	0.0571	0.0613	0.0661	0.0619

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Po-212	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-214	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-215	0.0005	0.0005	0.0006	0.0005	0.0005	0.0006	0.0006	0.0006
Po-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-134	5.6619	5.5783	5.9324	5.5888	5.4521	5.8323	6.3327	6.0141
Pr-134m	2.6030	2.5616	2.7283	2.5656	2.5056	2.6790	2.9138	2.7623
Pr-135	2.2706	2.1717	2.4135	2.3483	2.0891	2.2178	2.5113	2.4830
Pr-136	2.9579	2.8917	3.0950	2.9344	2.8250	3.0177	3.3072	3.1806
Pr-137	1.0640	0.9921	1.1419	1.1332	0.9443	0.9988	1.1690	1.1793
Pr-138	0.3590	0.3350	0.3848	0.3814	0.3192	0.3379	0.3944	0.3974
Pr-138m	5.0677	4.9470	5.3176	5.0557	4.8200	5.1669	5.6444	5.4203
Pr-139	1.1349	1.0490	1.2231	1.2232	0.9937	1.0485	1.2430	1.2661
Pr-140	0.6052	0.5593	0.6522	0.6522	0.5298	0.5591	0.6627	0.6751
Pr-142	0.0477	0.0474	0.0492	0.0457	0.0468	0.0503	0.0537	0.0500
Pr-142m	0.0241	0.0137	0.0341	0.0424	0.0131	0.0101	0.0314	0.0408
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0295	0.0292	0.0305	0.0284	0.0288	0.0310	0.0332	0.0310
Pr-144m	0.5620	0.4845	0.6379	0.6717	0.4609	0.4722	0.6365	0.6844
Pr-145	0.0446	0.0432	0.0468	0.0449	0.0422	0.0452	0.0496	0.0479
Pr-146	1.4036	1.3897	1.4597	1.3639	1.3662	1.4638	1.5760	1.4872
Pr-147	2.7783	2.6362	2.9583	2.8999	2.5482	2.7088	3.0845	3.0631
Pr-148	1.8137	1.7963	1.8931	1.7771	1.7585	1.8840	2.0308	1.9249
Pr-148m	2.6829	2.6554	2.8129	2.6428	2.5941	2.7724	3.0019	2.8634
Pt-184	7.2644	6.3267	8.3038	8.7442	6.1329	6.2101	8.4324	8.9875
Pt-186	3.6127	3.2026	4.0678	4.2249	3.1160	3.1901	4.1598	4.3694
Pt-187	4.5102	3.9324	5.1416	5.4099	3.8148	3.8661	5.2142	5.5750
Pt-188	3.2180	2.7514	3.7213	3.9697	2.6613	2.6687	3.7519	4.0566
Pt-189	4.2330	3.6386	4.8656	5.1677	3.5281	3.5552	4.9116	5.3010
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	3.8133	3.2658	4.3923	4.6809	3.1654	3.1835	4.4246	4.7905
Pt-193	0.5471	0.3236	0.7595	0.9334	0.3023	0.2376	0.7014	0.9020
Pt-193m	0.8562	0.5830	1.1193	1.3225	0.5535	0.4883	1.0611	1.2971
Pt-195m	2.8750	2.2158	3.5247	3.9674	2.1201	2.0185	3.4345	3.9732
Pt-197	0.8108	0.6238	0.9959	1.1201	0.5921	0.5634	0.9703	1.1183
Pt-197m	1.9332	1.4876	2.3731	2.6697	1.4180	1.3483	2.3128	2.6675
Pt-199	0.7401	0.6949	0.8056	0.7965	0.6762	0.7069	0.8439	0.8471
Pt-200	1.3327	1.0892	1.5819	1.7286	1.0434	1.0250	1.5682	1.7476
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Pu-232	1.5513	1.3679	1.7386	1.8000	1.2657	1.2663	1.7318	1.8791
Pu-234	1.7927	1.5659	2.0203	2.1048	1.4428	1.4362	2.0049	2.1867
Pu-235	2.4454	2.1164	2.7695	2.9034	1.9407	1.9229	2.7397	2.9984
Pu-236	0.2838	0.2180	0.3408	0.3815	0.1851	0.1685	0.3223	0.3731
Pu-237	1.7826	1.5025	2.0491	2.1846	1.3622	1.3292	2.0072	2.2278
Pu-238	0.2621	0.2012	0.3148	0.3526	0.1708	0.1553	0.2976	0.3448
Pu-239	0.1462	0.1053	0.1831	0.2112	0.0916	0.0807	0.1720	0.2057
Pu-240	0.2465	0.1893	0.2961	0.3315	0.1607	0.1462	0.2799	0.3242
Pu-241	0.0001	0.0000	0.0001	0.0001	0.0000	0.0000	0.0001	0.0001
Pu-242	0.2114	0.1623	0.2539	0.2843	0.1378	0.1254	0.2401	0.2780
Pu-243	0.6592	0.5860	0.7334	0.7590	0.5445	0.5526	0.7344	0.7790
Pu-244	0.2029	0.1620	0.2393	0.2627	0.1411	0.1328	0.2301	0.2598
Pu-245	1.7160	1.6220	1.8466	1.8116	1.5485	1.6163	1.9137	1.9249
Pu-246	2.6377	2.3843	2.9111	2.9686	2.2167	2.2556	2.9416	3.0803
Ra-219	1.1099	1.0395	1.2079	1.1977	0.9985	1.0428	1.2496	1.2657
Ra-220	0.0135	0.0133	0.0142	0.0134	0.0130	0.0138	0.0152	0.0146
Ra-221	0.9807	0.8050	1.1539	1.2504	0.7417	0.7208	1.1373	1.2611
Ra-222	0.0428	0.0417	0.0454	0.0434	0.0405	0.0430	0.0479	0.0465
Ra-223	1.9197	1.6922	2.1714	2.2567	1.6076	1.6304	2.1926	2.3333
Ra-224	0.0736	0.0706	0.0797	0.0777	0.0678	0.0707	0.0831	0.0826
Ra-225	0.7446	0.6404	0.8357	0.8777	0.5878	0.5958	0.8290	0.8930
Ra-226	1.3897	1.3783	1.4428	1.3250	1.3561	1.4579	1.5560	1.4381
Ra-227	2.0837	1.7304	2.4249	2.6034	1.5730	1.5332	2.3749	2.6228
Ra-228	1.4635	1.4876	1.5335	1.4110	1.4254	1.5303	1.6256	1.5364
Ra-230	0.9773	0.8614	1.1016	1.1450	0.8128	0.8210	1.1105	1.1847
Rb-77	2.1928	2.1055	2.3263	2.2629	2.0370	2.1498	2.4527	2.3994
Rb-78m	3.2958	3.2500	3.4345	3.2226	3.1903	3.4138	3.6979	3.5051
Rb-78	2.5515	2.4940	2.6676	2.5192	2.4452	2.6101	2.8786	2.7356
Rb-79	2.7314	2.5473	2.9734	2.9475	2.4277	2.5194	3.1004	3.0988
Rb-80	0.3831	0.3737	0.4016	0.3810	0.3656	0.3899	0.4297	0.4102
Rb-81	1.3862	1.1535	1.6056	1.7052	1.0451	1.0186	1.5897	1.7410
Rb-81m	0.9689	0.7588	1.1443	1.2555	0.6407	0.5917	1.0957	1.2509
Rb-82	0.2563	0.2398	0.2759	0.2705	0.2305	0.2424	0.2892	0.2874
Rb-82m	5.1300	4.8408	5.4970	5.3622	4.6686	4.9117	5.7868	5.7096
Rb-83	2.3129	1.9767	2.6389	2.7618	1.8222	1.8074	2.6498	2.8577
Rb-84	1.6962	1.4722	1.9127	1.9798	1.3662	1.3789	1.9329	2.0416
Rb-84m	2.1204	2.0188	2.2918	2.2332	1.9211	1.9957	2.3872	2.3741
Rb-86m	1.2589	1.2401	1.3143	1.2365	1.2154	1.2966	1.4132	1.3547
Rb-86	0.1163	0.1153	0.1204	0.1127	0.1136	0.1226	0.1302	0.1216
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Rb-88	0.5183	0.5140	0.5350	0.4969	0.5075	0.5473	0.5834	0.5418
Rb-89	2.2243	2.2047	2.2973	2.1467	2.1741	2.3428	2.4973	2.3270
Rb-90	1.1775	1.1667	1.2134	1.1299	1.1534	1.2465	1.3243	1.2340
Rb-90m	2.7054	2.6745	2.7967	2.6120	2.6365	2.8427	3.0400	2.8457
Re-178	3.6708	3.3110	4.0993	4.2027	3.2304	3.3270	4.2273	4.3870
Re-179	4.4588	4.0804	4.9365	5.0038	3.9784	4.1235	5.1117	5.2308
Re-180	3.8587	3.4402	4.3285	4.4725	3.3608	3.4635	4.4461	4.6478
Re-181	4.5271	4.0479	5.0856	5.2513	3.9440	4.0559	5.2158	5.4327
Re-182	8.7551	7.9469	9.7424	9.9678	7.7428	7.9905	10.0642	10.3757
Re-182m	4.5586	4.0855	5.0874	5.2567	3.9906	4.1119	5.2380	5.4523
Re-183	3.7049	3.0993	4.3410	4.6991	3.0067	2.9999	4.3591	4.7651
Re-184	3.4481	3.0861	3.8568	3.9775	3.0139	3.1108	3.9677	4.1333
Re-184m	3.3520	2.8560	3.8913	4.1543	2.7752	2.7854	3.9228	4.2561
Re-186	0.4030	0.3500	0.4616	0.4888	0.3394	0.3427	0.4688	0.5012
Re-186m	1.7057	1.1201	2.2705	2.7158	1.0700	0.9256	2.1411	2.6524
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	0.4409	0.4049	0.4894	0.4956	0.3937	0.4082	0.5106	0.5141
Re-188m	2.3779	1.8887	2.8699	3.1934	1.8304	1.7753	2.8268	3.2175
Re-189	0.5193	0.4622	0.5903	0.6116	0.4473	0.4546	0.6039	0.6335
Re-190	4.1254	4.0206	4.3767	4.1831	3.9283	4.1666	4.6594	4.4897
Re-190m	3.7733	3.5138	4.1322	4.1229	3.4282	3.5734	4.3113	4.3461
Rh-100m	1.7728	1.6354	1.8884	1.8789	1.4213	1.4301	1.8635	1.9103
Rh-100	4.1865	4.0473	4.3823	4.1887	3.8366	4.0399	4.6153	4.4669
Rh-101	3.6841	3.5395	3.8977	3.7945	3.2808	3.3964	4.0285	3.9860
Rh-101m	2.3903	2.2679	2.5398	2.4797	2.0661	2.1317	2.5833	2.5789
Rh-102	1.5444	1.4640	1.6359	1.5935	1.3416	1.3852	1.6747	1.6692
Rh-102m	5.2327	5.0746	5.4862	5.2349	4.8341	5.1064	5.7708	5.5797
Rh-103m	0.1636	0.1375	0.1869	0.1989	0.1190	0.1139	0.1797	0.1981
Rh-104	0.0324	0.0315	0.0339	0.0322	0.0303	0.0320	0.0359	0.0348
Rh-104m	1.8657	1.7574	1.9665	1.9384	1.5807	1.6315	1.9960	1.9889
Rh-105	0.3425	0.3396	0.3596	0.3382	0.3300	0.3526	0.3819	0.3655
Rh-106	0.4357	0.4308	0.4536	0.4253	0.4229	0.4521	0.4889	0.4667
Rh-106m	4.8348	4.7856	5.0282	4.7059	4.7010	5.0410	5.4209	5.1299
Rh-107	1.3259	1.3149	1.3944	1.3109	1.2783	1.3633	1.4802	1.4153
Rh-108	0.8306	0.8217	0.8700	0.8145	0.8046	0.8588	0.9306	0.8838
Rh-109	1.5551	1.5316	1.6370	1.5493	1.4742	1.5634	1.7274	1.6627
Rh-94	3.1088	3.0790	3.2151	3.0066	3.0297	3.2552	3.4856	3.2686
Rh-95	2.3279	2.2771	2.4214	2.2904	2.1999	2.3472	2.5841	2.4536
Rh-95m	1.3498	1.3249	1.4075	1.3276	1.2856	1.3674	1.5055	1.4471
Rh-96	5.1721	5.0851	5.3759	5.0572	4.9584	5.3130	5.7638	5.4542

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Rh-96m	1.5564	1.4983	1.6301	1.5612	1.4100	1.4844	1.7045	1.6529
Rh-97	2.1025	2.0388	2.2133	2.1102	1.9361	2.0401	2.3176	2.2385
Rh-97m	3.4899	3.3757	3.6659	3.5124	3.1870	3.3473	3.8540	3.7214
Rh-98	1.5393	1.5118	1.6011	1.5087	1.4726	1.5740	1.7145	1.6224
Rh-99	3.4390	3.2581	3.6448	3.5602	2.9797	3.0761	3.7126	3.7202
Rh-99m	2.6309	2.5080	2.7851	2.7044	2.3112	2.3994	2.8561	2.8236
Rn-207	3.2871	3.0612	3.5800	3.5578	2.9521	3.0845	3.7115	3.7461
Rn-209	3.6849	3.4217	4.0197	4.0016	3.2998	3.4431	4.1653	4.2080
Rn-210	0.2817	0.2532	0.3139	0.3208	0.2420	0.2484	0.3209	0.3340
Rn-211	4.5393	4.2333	4.9229	4.8813	4.0927	4.2834	5.1359	5.1464
Rn-212	0.0006	0.0006	0.0007	0.0006	0.0006	0.0007	0.0007	0.0007
Rn-215	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0016	0.0016	0.0017	0.0016	0.0016	0.0017	0.0018	0.0017
Rn-219	0.2911	0.2811	0.3128	0.3016	0.2722	0.2864	0.3276	0.3210
Rn-220	1.5514	1.5782	1.6122	1.5074	1.5064	1.6201	1.7312	1.6558
Rn-222	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0011	0.0011
Rn-223	2.0422	1.7394	2.3512	2.4904	1.6339	1.6277	2.3521	2.5465
Ru-103	1.2703	1.2553	1.3262	1.2446	1.2290	1.3090	1.4268	1.3766
Ru-105	1.9172	1.8816	2.0052	1.8948	1.8193	1.9364	2.1301	2.0394
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	0.7641	0.7560	0.7987	0.7510	0.7375	0.7873	0.8567	0.8120
Ru-108	0.7376	0.7184	0.7819	0.7516	0.6845	0.7212	0.8281	0.7903
Ru-92	7.4013	7.1168	7.8396	7.6117	6.6514	6.9321	8.1357	7.9896
Ru-94	2.5439	2.4007	2.7110	2.6568	2.1958	2.2690	2.7601	2.7467
Ru-95	3.1430	3.0113	3.3210	3.2142	2.8171	2.9491	3.4429	3.3716
Ru-97	2.6680	2.5260	2.8511	2.8037	2.3035	2.3644	2.9105	2.9083
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	1.1630	1.1528	1.1894	1.1042	1.1456	1.2376	1.3174	1.2136
S-38	1.1042	1.0962	1.1383	1.0522	1.0841	1.1678	1.2487	1.1496
Sb-111	2.3911	2.3467	2.5136	2.3847	2.2686	2.4133	2.6773	2.5453
Sb-113	1.8693	1.8228	1.9607	1.8597	1.7520	1.8566	2.0662	2.0086
Sb-114	2.2685	2.2333	2.3487	2.2103	2.1811	2.3348	2.5286	2.3812
Sb-115	2.1037	2.0339	2.2122	2.1108	1.9342	2.0390	2.3087	2.2630
Sb-116	2.2442	2.1902	2.3316	2.2081	2.1151	2.2542	2.4815	2.3570
Sb-116m	6.3750	6.2195	6.6623	6.3225	5.9927	6.3703	7.0310	6.7628
Sb-117	2.6711	2.5671	2.8332	2.7316	2.4087	2.5331	2.9369	2.8298
Sb-118	0.3720	0.3494	0.3941	0.3840	0.3191	0.3317	0.3956	0.3941
Sb-118m	6.5076	6.3282	6.8145	6.4876	6.0459	6.4151	7.1367	6.8730

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Sb-119	1.4995	1.3743	1.6150	1.6051	1.2343	1.2643	1.5917	1.6259
Sb-120	0.7295	0.6803	0.7755	0.7593	0.6143	0.6355	0.7702	0.7735
Sb-120m	6.6729	6.5218	6.9804	6.6379	6.2791	6.6745	7.3623	7.0943
Sb-122m	2.3200	2.1792	2.4711	2.4464	2.0505	2.1437	2.5165	2.5272
Sb-122	0.9944	0.9812	1.0357	0.9727	0.9614	1.0273	1.1133	1.0624
Sb-124	2.3975	2.3727	2.4842	2.3208	2.3366	2.5080	2.6900	2.5254
Sb-124m	1.0168	0.9772	1.0829	1.0440	0.9588	1.0152	1.1517	1.1250
Sb-124n	0.0840	0.0478	0.1189	0.1478	0.0457	0.0351	0.1094	0.1423
Sb-125	1.9870	1.9186	2.0960	2.0073	1.8282	1.9340	2.1810	2.1189
Sb-126	5.5031	5.4418	5.7312	5.3650	5.3446	5.7380	6.1576	5.8052
Sb-126m	3.3235	3.2815	3.4714	3.2541	3.2208	3.4514	3.7207	3.5129
Sb-127	1.5975	1.5767	1.6683	1.5666	1.5426	1.6503	1.7857	1.6992
Sb-128	6.0972	6.0316	6.3435	5.9423	5.9202	6.3612	6.8219	6.4554
Sb-128m	3.9602	3.9184	4.1253	3.8654	3.8410	4.1309	4.4275	4.1947
Sb-129	2.1355	2.1141	2.2162	2.0715	2.0794	2.2392	2.3928	2.2519
Sb-130m	4.6358	4.5853	4.8214	4.5179	4.4991	4.8431	5.1956	4.8937
Sb-130	6.6960	6.6250	6.9852	6.5534	6.4848	6.9610	7.5044	7.0947
Sb-131	2.6974	2.6706	2.7968	2.6154	2.6274	2.8286	3.0221	2.8330
Sb-133	2.8338	2.8087	2.9299	2.7354	2.7681	2.9801	3.1816	2.9715
Sc-42m	3.8968	3.8620	4.0395	3.7754	3.8010	4.0721	4.3747	4.1040
Sc-43	0.3160	0.3058	0.3393	0.3252	0.2983	0.3156	0.3567	0.3457
Sc-44	1.3484	1.3328	1.3946	1.3105	1.3138	1.4129	1.5130	1.4159
Sc-44m	1.2677	1.2512	1.3471	1.2763	1.2167	1.2876	1.4242	1.3749
Sc-46	2.6388	2.6140	2.7307	2.5540	2.5753	2.7803	2.9541	2.7653
Sc-47	1.0532	1.0441	1.1137	1.0558	1.0171	1.0859	1.2065	1.1151
Sc-48	4.1262	4.0897	4.2676	3.9946	4.0292	4.3440	4.6238	4.3170
Sc-49	0.0008	0.0008	0.0008	0.0007	0.0008	0.0008	0.0009	0.0008
Sc-50	3.7744	3.7402	3.9050	3.6484	3.6846	3.9545	4.2386	3.9868
Se-70	3.2723	2.5515	4.0052	4.4639	2.4321	2.3323	3.9327	4.4708
Se-71	1.5314	1.4912	1.6214	1.5558	1.4581	1.5507	1.7368	1.6591
Se-72	2.3364	1.7006	2.9446	3.3885	1.6050	1.4908	2.8392	3.3470
Se-73	2.8531	2.5882	3.1775	3.2404	2.5121	2.5917	3.2602	3.3671
Se-73m	0.4808	0.3748	0.5870	0.6526	0.3542	0.3378	0.5739	0.6553
Se-75	3.7917	3.2845	4.3861	4.6177	3.1616	3.1692	4.4320	4.7563
Se-77m	1.3196	1.1332	1.5320	1.6172	1.0780	1.0796	1.5576	1.6440
Se-79m	1.0148	0.6969	1.3124	1.5344	0.6345	0.5520	1.2378	1.5143
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0257	0.0255	0.0270	0.0254	0.0248	0.0265	0.0288	0.0276
Se-81m	1.0698	0.7515	1.3699	1.5882	0.6878	0.6077	1.2981	1.5762
Se-83m	1.3170	1.3047	1.3679	1.2783	1.2834	1.3820	1.4757	1.3820

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Se-83	4.4064	4.3651	4.5948	4.3029	4.2811	4.5844	4.9461	4.6775
Se-84	1.3289	1.3159	1.4003	1.3087	1.2866	1.3715	1.4881	1.4058
Si-31	0.0009	0.0009	0.0009	0.0009	0.0009	0.0010	0.0010	0.0010
Si-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-139	2.3479	2.2881	2.4798	2.3676	2.2275	2.3735	2.6260	2.5424
Sm-140	1.8994	1.7944	2.0294	1.9955	1.7346	1.8402	2.1159	2.1077
Sm-141	2.1410	2.0763	2.2611	2.1598	2.0238	2.1580	2.3920	2.3088
Sm-141m	4.4022	4.2823	4.6392	4.4363	4.1708	4.4479	4.9335	4.7579
Sm-142	1.1376	1.0413	1.2310	1.2409	0.9976	1.0553	1.2593	1.2916
Sm-143	0.7231	0.6659	0.7800	0.7824	0.6393	0.6772	0.8012	0.8165
Sm-143m	1.2494	1.2263	1.3018	1.2265	1.2046	1.2975	1.3975	1.3287
Sm-145	2.3357	2.1475	2.5201	2.5351	2.0604	2.1806	2.5837	2.6415
Sm-146	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0025	0.0016	0.0034	0.0041	0.0015	0.0013	0.0032	0.0040
Sm-153	1.5157	1.4182	1.6277	1.6169	1.3742	1.4523	1.6849	1.7216
Sm-155	1.4856	1.4454	1.5659	1.5016	1.4091	1.4887	1.6375	1.6595
Sm-156	1.4418	1.3363	1.5847	1.5918	1.2938	1.3456	1.6409	1.6735
Sm-157	2.1348	2.0897	2.2561	2.1595	2.0303	2.1541	2.4035	2.3160
Sn-106	3.8097	3.7010	4.0068	3.8184	3.5178	3.7127	4.1777	4.0493
Sn-108	3.8190	3.7016	4.0327	3.8485	3.5038	3.6877	4.1817	4.0624
Sn-109	3.3777	3.2803	3.5263	3.3485	3.1332	3.3247	3.7105	3.5553
Sn-110	2.5371	2.4439	2.6866	2.5795	2.2840	2.3911	2.7554	2.7064
Sn-111	1.0164	0.9557	1.0749	1.0461	0.8671	0.8985	1.0794	1.0746
Sn-113	1.2125	1.1288	1.2884	1.2636	1.0066	1.0338	1.2741	1.2851
Sn-113m	0.8441	0.7771	0.9062	0.8974	0.6996	0.7188	0.8949	0.9103
Sn-117m	2.4690	2.3741	2.6245	2.5329	2.2375	2.3545	2.7313	2.6269
Sn-119m	1.0151	0.9128	1.1097	1.1203	0.8195	0.8313	1.0883	1.1301
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.3209	0.2827	0.3575	0.3680	0.2586	0.2622	0.3515	0.3712
Sn-123	0.0086	0.0085	0.0089	0.0083	0.0084	0.0090	0.0096	0.0090
Sn-123m	1.4968	1.4737	1.5840	1.5078	1.4244	1.5159	1.6990	1.5865
Sn-125m	1.3783	1.3665	1.4478	1.3600	1.3301	1.4219	1.5380	1.4672
Sn-125	0.4363	0.4323	0.4522	0.4227	0.4255	0.4589	0.4887	0.4579
Sn-126	1.4697	1.3738	1.5809	1.5692	1.3011	1.3560	1.6081	1.6422
Sn-127m	1.2639	1.2502	1.3189	1.2361	1.2258	1.3067	1.4206	1.3658
Sn-127	2.8136	2.7827	2.9246	2.7423	2.7292	2.9298	3.1500	2.9703
Sn-128	4.2616	4.0818	4.4931	4.3354	3.8409	4.0477	4.6238	4.5434
Sn-129	1.6549	1.6366	1.7172	1.6085	1.6099	1.7292	1.8524	1.7402

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Sn-130	3.9612	3.8759	4.1568	3.9573	3.7317	3.9638	4.3882	4.2205
Sn-130m	2.4464	2.3856	2.5582	2.4360	2.2977	2.4470	2.6985	2.5943
Sr-79	1.8615	1.7207	2.0168	2.0070	1.6117	1.6676	2.0651	2.1150
Sr-80	1.9406	1.6861	2.1829	2.2606	1.5283	1.5223	2.1896	2.3208
Sr-81	2.2596	2.1876	2.4061	2.3177	2.1088	2.2249	2.5561	2.4613
Sr-82	1.1229	0.8565	1.3407	1.4873	0.7056	0.6345	1.2709	1.4714
Sr-83	2.5265	2.1530	2.8655	2.9982	1.9296	1.9050	2.8470	3.0567
Sr-85	2.3575	2.0722	2.6323	2.7033	1.8953	1.9003	2.6592	2.8149
Sr-85m	1.6395	1.5742	1.7702	1.7213	1.5073	1.5708	1.8549	1.8273
Sr-87m	1.2775	1.2242	1.3710	1.3212	1.1713	1.2297	1.4279	1.3915
Sr-89	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Sr-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sr-91	1.0673	1.0565	1.1070	1.0356	1.0398	1.1213	1.1943	1.1208
Sr-92	1.3466	1.3351	1.3886	1.2986	1.3163	1.4122	1.5124	1.4118
Sr-93	3.5969	3.5293	3.7577	3.5503	3.4446	3.6815	4.0336	3.8270
Sr-94	1.3439	1.3326	1.3839	1.2917	1.3152	1.4124	1.5098	1.4072
Ta-170	1.9414	1.7233	2.1917	2.2748	1.6787	1.7198	2.2430	2.3658
Ta-172	4.1537	3.8192	4.5738	4.6223	3.7280	3.8779	4.7630	4.8439
Ta-173	3.5817	3.1187	4.0847	4.3122	3.0337	3.0925	4.1693	4.4122
Ta-174	3.4524	3.1020	3.8696	3.9911	3.0183	3.1037	3.9911	4.1424
Ta-175	4.5354	4.1444	5.0071	5.0987	4.0412	4.1989	5.1995	5.3075
Ta-176	4.3029	3.9324	4.7365	4.8028	3.8491	4.0080	4.9445	5.0202
Ta-177	1.7594	1.5187	2.0122	2.1429	1.4756	1.4990	2.0439	2.1858
Ta-178	1.8437	1.5765	2.1215	2.2713	1.5321	1.5507	2.1488	2.3120
Ta-178m	8.2693	7.7285	9.0406	9.0223	7.5277	7.8635	9.4090	9.5085
Ta-179	0.9795	0.7869	1.1728	1.2999	0.7624	0.7488	1.1652	1.3033
Ta-180	1.5183	1.2920	1.7526	1.8827	1.2549	1.2674	1.7715	1.9135
Ta-182	3.6497	3.3734	3.9922	4.0216	3.3001	3.4400	4.1628	4.2223
Ta-182m	4.3754	3.7745	5.0551	5.3652	3.6619	3.6965	5.1436	5.4738
Ta-183	4.0350	3.4902	4.6484	4.9183	3.3871	3.4203	4.7077	5.0476
Ta-184	5.6023	5.2469	6.1276	6.0742	5.1193	5.3487	6.3898	6.4201
Ta-185	2.2744	1.9497	2.6392	2.8100	1.8912	1.9011	2.6761	2.8678
Ta-186	5.0813	4.8961	5.4343	5.2661	4.7787	5.0397	5.7568	5.6424
Tb-146	2.9706	2.9142	3.0890	2.9141	2.8683	3.0775	3.3390	3.1516
Tb-147m	2.2151	2.1185	2.3402	2.2715	2.0734	2.2103	2.4954	2.4188
Tb-147	3.8287	3.6984	4.0349	3.8905	3.6175	3.8619	4.3022	4.1513
Tb-148m	6.3152	6.1644	6.6339	6.3005	6.0396	6.4717	7.0783	6.7629
Tb-148	2.8034	2.7227	2.9416	2.8059	2.6705	2.8638	3.1498	3.0216
Tb-149m	2.9410	2.8195	3.1153	3.0153	2.7553	2.9474	3.3047	3.2133
Tb-149	3.5373	3.4008	3.7581	3.6358	3.3166	3.5351	3.9848	3.8611

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Tb-150m	6.4433	6.2692	6.7848	6.4740	6.1348	6.5520	7.2320	6.9559
Tb-150	3.3723	3.2504	3.5546	3.4206	3.1837	3.4012	3.7939	3.6597
Tb-151	4.7980	4.5789	5.1315	5.0074	4.4530	4.7181	5.3940	5.3250
Tb-151m	1.2233	0.9348	1.5114	1.7065	0.8980	0.8602	1.4796	1.6966
Tb-152m	4.3422	4.1029	4.6914	4.6260	3.9863	4.2078	4.9151	4.8744
Tb-152	3.1712	3.0465	3.3688	3.2599	2.9700	3.1643	3.5638	3.4687
Tb-153	3.1978	2.9738	3.4760	3.4785	2.8817	3.0314	3.6163	3.6530
Tb-154	3.8118	3.6338	4.0485	3.9479	3.5496	3.7767	4.2949	4.1986
Tb-155	3.2142	2.9874	3.4888	3.4954	2.8968	3.0496	3.6197	3.6782
Tb-156	5.5445	5.2924	5.9149	5.7695	5.1608	5.4733	6.2530	6.1446
Tb-156m	1.0622	1.0189	1.1203	1.1054	0.9880	1.0635	1.1978	1.1475
Tb-156n	0.3508	0.2374	0.4610	0.5461	0.2281	0.2030	0.4380	0.5352
Tb-157	0.3775	0.2713	0.4804	0.5566	0.2606	0.2422	0.4624	0.5494
Tb-158	2.9519	2.7391	3.2053	3.2047	2.6666	2.8176	3.3440	3.3583
Tb-160	2.4762	2.3788	2.6371	2.5554	2.3286	2.4773	2.7959	2.7240
Tb-161	1.4383	1.2460	1.6325	1.7199	1.1822	1.2044	1.6402	1.7418
Tb-162	3.1591	3.0659	3.3617	3.2282	2.9944	3.1822	3.5643	3.4552
Tb-163	2.6402	2.5868	2.7918	2.6484	2.5273	2.6889	2.9671	2.8543
Tb-164	5.2243	5.0674	5.5308	5.3067	4.9622	5.2817	5.9036	5.6841
Tb-165	1.2203	1.1562	1.3101	1.2833	1.1349	1.1975	1.3936	1.3656
Tc-101	1.4505	1.4383	1.5238	1.4346	1.3980	1.4914	1.6199	1.5516
Tc-102m	3.2824	3.2497	3.4089	3.1862	3.1960	3.4254	3.6868	3.4760
Tc-102	0.1513	0.1497	0.1577	0.1477	0.1469	0.1571	0.1698	0.1616
Tc-104	3.1796	3.1507	3.3132	3.0977	3.0900	3.3114	3.5673	3.3614
Tc-105	2.6666	2.6119	2.8022	2.6679	2.5153	2.6636	2.9674	2.8600
Tc-91	1.2383	1.2185	1.2822	1.2030	1.1914	1.2761	1.3891	1.3039
Tc-91m	0.8854	0.8706	0.9242	0.8716	0.8485	0.9025	0.9919	0.9564
Tc-92	5.4992	5.4130	5.7474	5.4333	5.2614	5.6148	6.1510	5.8421
Tc-93	2.3718	2.2307	2.5102	2.4710	2.0560	2.1286	2.5895	2.5612
Tc-93m	1.6008	1.5369	1.6944	1.6323	1.4474	1.5170	1.7639	1.7119
Tc-94	5.0765	4.9020	5.3273	5.1066	4.6795	4.9668	5.6083	5.4176
Tc-94m	1.8558	1.7976	1.9426	1.8554	1.7228	1.8336	2.0550	1.9740
Tc-95	2.4492	2.2895	2.6085	2.5787	2.0929	2.1661	2.6614	2.6620
Tc-95m	3.0883	2.9279	3.2891	3.2272	2.7071	2.8054	3.3896	3.3629
Tc-96	5.0318	4.8465	5.2858	5.0780	4.6108	4.8879	5.5520	5.3830
Tc-96m	0.6747	0.6013	0.7345	0.7546	0.5119	0.5046	0.7153	0.7522
Tc-97	1.1264	0.9866	1.2341	1.2889	0.8178	0.7937	1.1849	1.2642
Tc-97m	0.8713	0.7733	0.9480	0.9771	0.6471	0.6322	0.9153	0.9683
Tc-98	2.5408	2.5114	2.6370	2.4681	2.4708	2.6592	2.8426	2.6762
Tc-99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Tc-99m	1.5014	1.4729	1.5819	1.5211	1.4184	1.4966	1.6826	1.6161
Te-113	1.5217	1.5001	1.5777	1.4796	1.4690	1.5775	1.7001	1.5982
Te-114	3.3753	3.2273	3.5706	3.4480	3.0588	3.2239	3.6953	3.6223
Te-115	2.4648	2.4176	2.5672	2.4245	2.3480	2.5066	2.7392	2.6013
Te-115m	2.8099	2.7528	2.9228	2.7562	2.6749	2.8621	3.1207	2.9596
Te-116	2.4720	2.3298	2.6263	2.5634	2.1550	2.2471	2.6449	2.6634
Te-117	2.3589	2.2830	2.4692	2.3511	2.1850	2.3238	2.5912	2.4926
Te-118	1.1689	1.0866	1.2475	1.2278	0.9848	1.0200	1.2389	1.2499
Te-119	2.4655	2.3687	2.5926	2.4872	2.2458	2.3743	2.6890	2.6119
Te-119m	4.1305	4.0195	4.3400	4.1426	3.8527	4.0884	4.5745	4.3758
Te-121	2.4730	2.3737	2.6061	2.5035	2.2456	2.3665	2.6989	2.6452
Te-121m	2.1470	2.0630	2.2915	2.2203	1.9553	2.0475	2.3776	2.3375
Te-123	0.0748	0.0433	0.1052	0.1302	0.0412	0.0322	0.0969	0.1255
Te-123m	2.1200	2.0349	2.2669	2.2000	1.9375	2.0426	2.3735	2.2860
Te-125m	1.9861	1.8391	2.1315	2.1121	1.6829	1.7474	2.1246	2.1538
Te-127	0.0182	0.0180	0.0192	0.0181	0.0175	0.0186	0.0204	0.0194
Te-127m	0.6496	0.5882	0.7099	0.7167	0.5387	0.5536	0.7033	0.7267
Te-129	0.4863	0.4361	0.5408	0.5510	0.4095	0.4191	0.5432	0.5656
Te-129m	0.5203	0.4784	0.5629	0.5612	0.4412	0.4569	0.5630	0.5735
Te-131	1.8799	1.8504	1.9773	1.8786	1.7963	1.9127	2.1136	2.0025
Te-131m	3.0909	3.0359	3.2299	3.0509	2.9556	3.1622	3.4412	3.2871
Te-132	2.7061	2.6159	2.8702	2.7685	2.4833	2.6164	2.9803	2.9143
Te-133	2.2687	2.2475	2.3689	2.2198	2.1993	2.3572	2.5384	2.4013
Te-133m	3.4630	3.4073	3.6154	3.4062	3.3251	3.5636	3.8627	3.6681
Te-134	3.2411	3.1823	3.4042	3.2302	3.0848	3.2854	3.6108	3.4651
Th-223	1.8269	1.5650	2.0908	2.2104	1.4560	1.4477	2.0782	2.2705
Th-224	0.2582	0.2369	0.2857	0.2885	0.2241	0.2301	0.2945	0.2993
Th-226	0.2646	0.2156	0.3108	0.3381	0.1942	0.1862	0.3024	0.3402
Th-227	2.2654	1.8763	2.6460	2.8518	1.7093	1.6627	2.5997	2.8720
Th-228	0.2550	0.1933	0.3102	0.3498	0.1681	0.1534	0.2948	0.3435
Th-229	3.1992	2.5938	3.7749	4.1178	2.3599	2.2700	3.6798	4.1453
Th-230	1.4208	1.4148	1.4516	1.3831	1.3777	1.4609	1.5567	1.4523
Th-231	2.1227	1.6604	2.5339	2.8095	1.4473	1.3478	2.4180	2.7710
Th-232	1.2562	1.2726	1.2802	1.1947	1.2305	1.3215	1.4508	1.2928
Th-233	0.5580	0.4407	0.6715	0.7428	0.4058	0.3867	0.6519	0.7429
Th-234	0.4029	0.3352	0.4659	0.5017	0.3046	0.2966	0.4562	0.5069
Th-235	0.1504	0.1441	0.1606	0.1552	0.1397	0.1475	0.1689	0.1661
Th-236	0.3676	0.3213	0.4152	0.4325	0.2980	0.2979	0.4152	0.4465
Ti-44	2.6951	2.5894	2.8512	2.8107	2.5402	2.7017	2.9907	2.9639
Ti-45	0.0293	0.0184	0.0399	0.0483	0.0177	0.0149	0.0374	0.0470

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ti-51	1.3833	1.3733	1.4508	1.3624	1.3386	1.4335	1.5450	1.4739
Ti-52	1.9782	1.8637	2.1316	2.1295	1.7721	1.8295	2.2037	2.2427
Tl-190	2.2218	2.0920	2.4103	2.3737	2.0385	2.1380	2.5174	2.5042
Tl-190m	5.4569	5.2244	5.8359	5.6588	5.1053	5.3997	6.1592	6.0267
Tl-194	2.5185	2.3142	2.7749	2.7942	2.2488	2.3358	2.8687	2.9229
Tl-194m	7.4043	6.9381	8.0416	7.9510	6.7582	7.0807	8.4023	8.4118
Tl-195	3.8508	3.3388	4.3965	4.6186	3.2234	3.2680	4.4633	4.7538
Tl-196	3.9664	3.6939	4.3209	4.2963	3.6009	3.7655	4.5111	4.5255
Tl-197	2.9362	2.5844	3.3210	3.4661	2.4978	2.5482	3.3786	3.5717
Tl-198	4.3724	4.0650	4.7676	4.7484	3.9624	4.1415	4.9750	4.9929
Tl-198m	5.2344	4.7563	5.8159	5.9012	4.6072	4.7567	5.9906	6.1601
Tl-199	2.8804	2.5179	3.2795	3.4417	2.4271	2.4627	3.3230	3.5394
Tl-200	4.1225	3.8108	4.5179	4.5298	3.7063	3.8633	4.6905	4.7475
Tl-201	2.4797	2.0696	2.8994	3.1350	1.9849	1.9733	2.8920	3.1797
Tl-202	2.9263	2.6346	3.2700	3.3492	2.5521	2.6250	3.3500	3.4840
Tl-204	0.0407	0.0331	0.0482	0.0529	0.0317	0.0311	0.0477	0.0534
Tl-206m	7.1234	6.9004	7.5894	7.2929	6.7255	7.1152	8.0348	7.8158
Tl-206	0.0019	0.0016	0.0021	0.0023	0.0015	0.0015	0.0022	0.0023
Tl-207	0.0036	0.0035	0.0037	0.0035	0.0035	0.0037	0.0040	0.0038
Tl-208	3.0703	3.0167	3.1980	3.0110	2.9685	3.1780	3.4666	3.2826
Tl-209	4.2954	4.1845	4.5236	4.3233	4.0928	4.3350	4.8179	4.6959
Tl-210	4.5934	4.3954	4.9030	4.7438	4.2827	4.5351	5.1917	5.0731
Tm-161	5.8870	5.4290	6.4396	6.5147	5.2785	5.5398	6.7313	6.7738
Tm-162	2.9809	2.7951	3.2192	3.1936	2.7336	2.8844	3.3962	3.3723
Tm-163	4.8230	4.5007	5.2303	5.2328	4.3868	4.6191	5.4917	5.4831
Tm-164	1.4040	1.2711	1.5535	1.5933	1.2371	1.2912	1.6150	1.6482
Tm-165	3.8177	3.5525	4.1672	4.1819	3.4519	3.6251	4.3569	4.3648
Tm-166	4.4786	4.1816	4.8574	4.8406	4.0864	4.3073	5.1196	5.0794
Tm-167	2.5672	2.2920	2.8843	2.9965	2.2200	2.2920	2.9764	3.0789
Tm-168	5.0099	4.7033	5.4372	5.3994	4.5852	4.8279	5.7200	5.6845
Tm-170	0.1374	0.1111	0.1643	0.1812	0.1078	0.1064	0.1633	0.1825
Tm-171	0.0211	0.0180	0.0243	0.0261	0.0174	0.0177	0.0247	0.0265
Tm-172	0.9234	0.8272	1.0329	1.0620	0.8097	0.8368	1.0709	1.1025
Tm-173	1.4380	1.3978	1.5347	1.4650	1.3652	1.4476	1.6193	1.5555
Tm-174	6.0848	5.8394	6.5445	6.3601	5.6975	6.0209	6.9086	6.7432
Tm-175	2.4536	2.3752	2.5990	2.4951	2.3283	2.4777	2.7708	2.6879
Tm-176	4.3441	4.1356	4.6773	4.5776	4.0429	4.2653	4.9459	4.8524
U-227	1.8158	1.5903	2.0547	2.1387	1.4763	1.4774	2.0540	2.2064
U-228	0.2821	0.2232	0.3350	0.3701	0.1949	0.1825	0.3210	0.3663
U-230	0.3056	0.2335	0.3688	0.4144	0.1998	0.1820	0.3493	0.4053

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
U-231	3.8774	3.1729	4.5245	4.8989	2.8327	2.7196	4.3862	4.9299
U-232	0.2869	0.2168	0.3479	0.3927	0.1844	0.1664	0.3284	0.3833
U-233	0.1506	0.1125	0.1841	0.2088	0.0962	0.0864	0.1737	0.2040
U-234	1.3879	1.3881	1.4164	1.3338	1.3406	1.4437	1.5047	1.3814
U-235	1.7101	1.7025	1.7973	1.7146	1.6528	1.7515	1.8841	1.7969
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	0.2368	0.1783	0.2877	0.3252	0.1514	0.1363	0.2713	0.3173
U-237	3.3034	2.8831	3.7265	3.8974	2.6638	2.6595	3.7169	4.0031
U-238	1.2779	1.2699	1.2907	1.2234	1.2426	1.3299	1.4180	1.2596
U-239	1.0768	0.9875	1.1714	1.1908	0.9349	0.9694	1.1955	1.2288
U-240	0.7753	0.6010	0.9305	1.0378	0.5216	0.4812	0.8858	1.0220
U-242	0.3559	0.3372	0.3796	0.3756	0.3233	0.3391	0.3956	0.3943
V-47	0.0158	0.0126	0.0191	0.0210	0.0123	0.0120	0.0191	0.0212
V-48	2.8734	2.8042	3.0075	2.8589	2.7625	2.9600	3.2388	3.0728
V-49	0.2074	0.1179	0.2935	0.3649	0.1127	0.0866	0.2702	0.3515
V-50	1.4511	1.3664	1.5616	1.5284	1.3459	1.4185	1.6614	1.6314
V-52	1.3039	1.2933	1.3417	1.2519	1.2768	1.3708	1.4654	1.3643
V-53	1.3752	1.3629	1.4246	1.3324	1.3424	1.4505	1.5385	1.4374
W-177	6.0972	5.4665	6.8318	7.0558	5.3246	5.4741	7.0205	7.3237
W-178	0.7807	0.5795	0.9786	1.1232	0.5595	0.5253	0.9502	1.1128
W-179	2.1681	1.7680	2.5699	2.8212	1.7022	1.6809	2.5494	2.8342
W-179m	1.3360	1.1202	1.5611	1.6899	1.0874	1.0852	1.5669	1.7144
W-181	1.3746	1.1389	1.6139	1.7609	1.1054	1.1012	1.6164	1.7775
W-185m	1.4309	0.9638	1.8882	2.2409	0.9246	0.8120	1.7917	2.1956
W-185	0.0012	0.0010	0.0013	0.0014	0.0010	0.0010	0.0013	0.0014
W-187	1.6689	1.5704	1.8027	1.7860	1.5368	1.6138	1.8915	1.8918
W-188	0.0163	0.0147	0.0183	0.0188	0.0142	0.0146	0.0188	0.0196
W-190	3.0400	2.6553	3.4679	3.6579	2.5815	2.6239	3.5366	3.7383
Xe-120	3.3901	3.2195	3.6004	3.5059	3.0219	3.1761	3.6833	3.6474
Xe-121	2.3140	2.2410	2.4373	2.3357	2.1482	2.2772	2.5536	2.4772
Xe-122	1.4736	1.3836	1.5745	1.5473	1.2844	1.3441	1.5902	1.5922
Xe-123	2.5683	2.4725	2.7221	2.6309	2.3503	2.4830	2.8356	2.7531
Xe-125	3.1497	3.0229	3.3478	3.2439	2.8561	3.0041	3.4595	3.3940
Xe-127	3.1616	3.0512	3.3574	3.2412	2.8960	3.0492	3.4936	3.4060
Xe-127m	2.5262	2.4416	2.6766	2.5977	2.3381	2.4624	2.7982	2.7463
Xe-129m	2.2207	2.0650	2.3847	2.3662	1.9184	2.0075	2.4003	2.4279
Xe-131m	0.9444	0.8683	1.0239	1.0256	0.8058	0.8385	1.0264	1.0474
Xe-133	1.3267	1.2604	1.4101	1.3857	1.2009	1.2727	1.4472	1.4443
Xe-133m	1.0617	0.9895	1.1436	1.1337	0.9228	0.9636	1.1547	1.1666
Xe-135	1.3840	1.3711	1.4686	1.3872	1.3292	1.4038	1.5501	1.4935

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Xe-135m	1.2304	1.2032	1.2902	1.2232	1.1694	1.2433	1.3728	1.3322
Xe-137	0.4507	0.4459	0.4721	0.4420	0.4368	0.4659	0.5057	0.4822
Xe-138	1.8133	1.7409	1.9465	1.8794	1.7008	1.7943	2.0602	2.0049
Y-81	2.2868	2.0958	2.4997	2.5287	1.9589	2.0056	2.5494	2.6324
Y-83	1.6663	1.4806	1.8375	1.8812	1.3426	1.3602	1.8454	1.9258
Y-83m	1.4821	1.3972	1.6054	1.5786	1.3124	1.3573	1.6526	1.6560
Y-84m	4.3286	4.2648	4.4997	4.2256	4.1865	4.5068	4.8457	4.5694
Y-85	1.2950	1.2012	1.4017	1.3896	1.1297	1.1676	1.4510	1.4733
Y-85m	1.4657	1.3524	1.5910	1.5846	1.2658	1.3056	1.6425	1.6559
Y-86	4.9507	4.7405	5.2405	5.0546	4.5655	4.8296	5.5447	5.3748
Y-86m	1.5357	1.5065	1.6333	1.5642	1.4532	1.5274	1.7372	1.6792
Y-87	2.3066	2.0454	2.5604	2.6239	1.8606	1.8701	2.5790	2.7124
Y-87m	1.2642	1.2116	1.3539	1.3073	1.1532	1.2099	1.4071	1.3733
Y-88	3.6593	3.3897	3.9442	3.9009	3.1950	3.3250	4.0994	4.0856
Y-89m	1.3124	1.2980	1.3616	1.2736	1.2769	1.3800	1.4677	1.3786
Y-90	0.0001	0.0001	0.0002	0.0002	0.0001	0.0001	0.0001	0.0002
Y-90m	2.7688	2.7262	2.9207	2.7724	2.6399	2.7896	3.1190	3.0059
Y-91	0.0034	0.0034	0.0035	0.0033	0.0033	0.0036	0.0038	0.0036
Y-91m	1.2564	1.2322	1.3146	1.2426	1.2024	1.2797	1.4082	1.3555
Y-92	0.3476	0.3442	0.3604	0.3369	0.3387	0.3649	0.3894	0.3658
Y-93	0.1796	0.1781	0.1884	0.1768	0.1739	0.1854	0.2014	0.1912
Y-94	1.0267	1.0169	1.0642	0.9943	1.0013	1.0808	1.1498	1.0781
Y-95	0.7795	0.7731	0.8038	0.7480	0.7636	0.8233	0.8781	0.8151
Yb-162	3.1055	2.8545	3.4225	3.4788	2.7742	2.8929	3.5706	3.6122
Yb-163	2.3351	2.0636	2.6346	2.7494	2.0077	2.0690	2.7124	2.8223
Yb-164	1.4423	1.2763	1.6206	1.6989	1.2374	1.2819	1.6714	1.7309
Yb-165	3.8228	3.2679	4.4085	4.7163	3.1728	3.2269	4.4772	4.7853
Yb-166	2.6842	2.3827	3.0104	3.1502	2.3123	2.3978	3.1049	3.2151
Yb-167	5.5495	4.9511	6.2301	6.4777	4.8078	4.9545	6.4113	6.6920
Yb-169	6.0857	5.5447	6.7294	6.9012	5.3853	5.6007	6.9884	7.1383
Yb-175	0.2345	0.2231	0.2536	0.2488	0.2174	0.2284	0.2654	0.2629
Yb-177	0.8459	0.8042	0.9105	0.8985	0.7846	0.8274	0.9642	0.9441
Yb-178	0.1651	0.1565	0.1795	0.1756	0.1525	0.1603	0.1874	0.1850
Yb-179	2.5631	2.4954	2.7045	2.5828	2.4461	2.6043	2.8861	2.7762
Zn-60	1.5681	1.5222	1.6549	1.5902	1.4919	1.5872	1.7584	1.7004
Zn-61	0.5892	0.5791	0.6154	0.5790	0.5699	0.6092	0.6648	0.6308
Zn-62	1.9365	1.5881	2.2990	2.4925	1.5407	1.5273	2.2955	2.5424
Zn-63	0.2701	0.2456	0.2995	0.3027	0.2410	0.2510	0.3118	0.3168
Zn-65	1.3789	1.0698	1.6929	1.8904	1.0425	1.0058	1.6727	1.8976
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Zn-69m	1.2622	1.2319	1.3415	1.2732	1.2052	1.2777	1.4232	1.3730
Zn-71	0.6878	0.6801	0.7175	0.6735	0.6673	0.7131	0.7718	0.7391
Zn-71m	3.8842	3.8422	4.0635	3.8094	3.7663	4.0234	4.3546	4.1375
Zn-72	2.6276	2.1902	3.1097	3.3628	2.1050	2.0782	3.1187	3.4067
Zr-85	1.2466	1.2171	1.3150	1.2473	1.1796	1.2509	1.3948	1.3406
Zr-86	3.8643	3.4580	4.2671	4.3740	3.0816	3.0872	4.2427	4.4334
Zr-87	0.3029	0.2634	0.3364	0.3511	0.2314	0.2293	0.3328	0.3522
Zr-88	2.4376	2.2110	2.6770	2.7057	2.0106	2.0424	2.6914	2.7570
Zr-89	2.2143	2.0359	2.3935	2.3936	1.8839	1.9498	2.4495	2.4717
Zr-89m	1.3096	1.2783	1.3712	1.3020	1.2428	1.3218	1.4638	1.4046
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	1.2387	1.2248	1.2851	1.2013	1.2053	1.2998	1.3861	1.3062
Zr-97	1.4980	1.4789	1.5565	1.4586	1.4516	1.5615	1.6756	1.5836

Table 3: Drywall Surface Contamination for 400x400x40 ft room

Nuclide	avg400	ctr400	mid400	cnr400
Ac-223	0.2256	0.2920	0.5370	0.6507
Ac-224	2.6197	3.1305	4.1887	4.7472
Ac-225	0.3205	0.4179	0.7675	0.9174
Ac-226	1.1624	1.3860	1.8543	2.0150
Ac-227	0.0545	0.0789	0.1957	0.2491
Ac-228	1.7886	2.1799	2.8476	3.1188
Ac-230	0.7769	0.9530	1.2801	1.4018
Ac-231	2.5806	3.0356	3.7490	4.0791
Ac-232	1.2683	1.5511	1.9981	2.1554
Ac-233	1.1431	1.3450	1.5748	1.6886
Ag-100m	2.2057	2.6205	2.8148	2.8721
Ag-101	1.8978	2.2318	2.5369	2.6476
Ag-102m	1.4379	1.7077	1.9049	1.9540
Ag-102	3.3614	3.9885	4.3583	4.4788
Ag-103	2.2382	2.6469	3.1452	3.3209
Ag-104	4.2101	5.0349	5.6489	5.8635
Ag-104m	1.7257	2.0450	2.3291	2.4173
Ag-105	2.3773	2.8265	3.4464	3.6297
Ag-105m	0.0196	0.0280	0.0728	0.0957
Ag-106	0.4833	0.5858	0.7620	0.8157
Ag-106m	5.1360	6.0985	6.8816	7.1455
Ag-108	0.0472	0.0566	0.0693	0.0729
Ag-108m	3.8801	4.6040	5.2663	5.4780
Ag-109m	0.3882	0.4770	0.6746	0.7471
Ag-110	0.0556	0.0658	0.0716	0.0735
Ag-110m	3.8240	4.5507	4.8470	4.9626
Ag-111	0.1030	0.1191	0.1325	0.1374
Ag-111m	0.2104	0.2619	0.3897	0.4374
Ag-112	0.8730	1.0288	1.1060	1.1274
Ag-113m	0.7582	0.8883	1.0326	1.0868
Ag-113	0.2280	0.2648	0.2931	0.3047
Ag-114	0.3639	0.4271	0.4617	0.4741
Ag-115	0.8323	0.9738	1.0675	1.1077
Ag-116	2.1674	2.5551	2.7583	2.8195
Ag-117	1.6966	1.9881	2.1859	2.2305
Ag-99	2.3218	2.7395	3.0172	3.1220
Al-26	1.2350	1.4651	1.5668	1.5717
Al-28	1.2039	1.4278	1.5240	1.5287
Al-29	1.2344	1.4645	1.5671	1.5774

Nuclide	avg400	ctr400	mid400	cnr400
Am-237	2.7503	3.3014	4.4260	4.9884
Am-238	2.6886	3.2486	4.2504	4.7378
Am-239	3.1822	3.8704	5.5223	6.3583
Am-240	2.8924	3.5337	4.8038	5.3774
Am-241	1.2544	1.4268	1.4537	1.5089
Am-242	0.4519	0.5765	0.9624	1.1240
Am-242m	0.2676	0.3631	0.7256	0.8657
Am-243	1.1488	1.3548	1.7138	1.8870
Am-244	2.5076	3.1253	4.4554	4.9423
Am-244m	0.1614	0.2119	0.3788	0.4417
Am-245	0.3488	0.4204	0.5719	0.6501
Am-246	3.4998	4.3300	6.2201	6.9191
Am-246m	1.5752	1.9129	2.3598	2.5345
Am-247	1.2810	1.5323	2.0118	2.2688
Ar-37	0.0179	0.0272	0.0820	0.1105
Ar-39	0.0000	0.0000	0.0000	0.0000
Ar-41	1.2121	1.4375	1.5377	1.5497
Ar-42	0.0000	0.0000	0.0000	0.0000
Ar-43	1.4648	1.7373	1.8568	1.8860
Ar-44	2.3122	2.7108	2.9624	2.9697
As-68	2.8529	3.3830	3.6253	3.6949
As-69	0.4487	0.5325	0.6757	0.7430
As-70	3.7427	4.4375	4.8426	4.9751
As-71	1.6548	2.0008	2.9631	3.3132
As-72	1.1936	1.4499	1.6520	1.7563
As-73	0.7760	1.1346	3.1077	4.1202
As-74	0.9886	1.1968	1.6151	1.8182
As-76	0.7200	0.8435	0.9134	0.9409
As-77	0.0384	0.0444	0.0507	0.0536
As-78	1.6409	1.9393	2.0805	2.1213
As-79	0.0734	0.0860	0.0937	0.0962
At-204	5.1428	6.0734	7.0961	7.5742
At-205	2.7168	3.2391	4.0756	4.4828
At-206	5.3497	6.3191	7.3594	7.8373
At-207	4.1837	4.9856	6.0696	6.5920
At-208	6.4049	7.6129	9.0411	9.6463
At-209	5.8357	6.9765	8.4545	9.2103
At-210	5.0519	6.0089	7.3389	7.9378
At-211	0.6721	0.8099	1.1854	1.3791
At-215	0.0006	0.0007	0.0008	0.0009

Nuclide	avg400	ctr400	mid400	cnr400
At-216	0.0351	0.0418	0.0568	0.0651
At-217	0.0014	0.0016	0.0020	0.0022
At-218	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000
At-220	1.8922	2.2049	2.5547	2.7165
Au-186	3.0755	3.6331	4.3432	4.6515
Au-187	2.5037	3.0129	4.0029	4.4656
Au-190	3.6551	4.3170	5.1398	5.4915
Au-191	3.1123	3.7056	4.8334	5.3629
Au-192	3.4083	4.0331	4.8500	5.2063
Au-193	2.0509	2.4548	3.3519	3.7898
Au-193m	1.3921	1.6854	2.4501	2.8250
Au-194	2.7554	3.2630	4.0317	4.3817
Au-195	1.7136	2.0989	3.2158	3.7846
Au-195m	1.4077	1.7049	2.4773	2.8540
Au-196	2.5468	3.0015	3.7474	4.0814
Au-196m	3.1277	3.8146	5.7635	6.6197
Au-198	1.1873	1.3765	1.5432	1.5838
Au-198m	4.9412	5.8354	7.5048	8.3713
Au-199	1.0260	1.2101	1.6075	1.6868
Au-200	0.4493	0.5262	0.5819	0.5967
Au-200m	5.8954	6.9087	7.8871	8.2747
Au-201	0.1350	0.1662	0.2536	0.2949
Au-202	0.2830	0.3320	0.3642	0.3745
Ba-124	1.7917	2.0996	2.5262	2.6848
Ba-126	2.1695	2.5435	2.9953	3.1974
Ba-127	1.0307	1.2071	1.4655	1.5778
Ba-128	1.0587	1.2436	1.5744	1.7195
Ba-129	1.1371	1.3371	1.6621	1.8160
Ba-129m	4.0947	4.8148	5.5953	5.8906
Ba-131	2.7592	3.2223	3.7878	4.0938
Ba-131m	1.3513	1.5757	1.9232	2.1652
Ba-133	3.1043	3.6085	4.3164	4.6336
Ba-133m	0.9142	1.0909	1.5024	1.6943
Ba-135m	0.8294	0.9736	1.2272	1.3400
Ba-137m	1.1273	1.3317	1.4488	1.4934
Ba-139	0.4032	0.4649	0.5439	0.5256
Ba-140	0.7437	0.8915	1.2249	1.3696
Ba-141	2.4408	2.8458	3.1501	3.2532
Ba-142	2.1751	2.5496	2.8248	2.9416

Nuclide	avg400	ctr400	mid400	cnr400
Be-10	0.0000	0.0000	0.0000	0.0000
Be-7	0.1217	0.1413	0.1549	0.1607
Bi-197	3.0979	3.7081	4.6306	5.0822
Bi-200	6.1261	7.1994	8.5440	9.1577
Bi-201	3.1739	3.7946	4.6922	5.1180
Bi-202	5.6519	6.6803	7.8351	8.3465
Bi-203	3.8856	4.6463	5.6091	6.0662
Bi-204	5.7049	6.7741	8.0011	8.5623
Bi-205	2.9545	3.5355	4.4229	4.8427
Bi-206	6.5685	7.8218	9.1886	9.8456
Bi-207	3.3683	3.9965	4.8874	5.3128
Bi-208	1.9476	2.3572	3.0340	3.3086
Bi-210	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.2583	1.4641	1.7159	1.8364
Bi-211	0.1980	0.2307	0.2713	0.2878
Bi-212n	0.0000	0.0000	0.0000	0.0000
Bi-212	0.2088	0.2665	0.4193	0.4914
Bi-213	0.3920	0.4571	0.5300	0.5594
Bi-214	1.6118	1.9049	2.0568	2.0982
Bi-215	0.9425	1.1053	1.3282	1.4373
Bi-216	1.7610	2.0528	2.2811	2.3719
Bk-245	2.7849	3.3461	4.4837	5.1055
Bk-246	2.7602	3.3982	4.6115	5.1778
Bk-247	1.4592	1.7018	2.0672	2.2882
Bk-248m	0.5992	0.7372	1.0761	1.2361
Bk-249	0.0000	0.0000	0.0000	0.0000
Bk-250	1.3590	1.6349	1.9805	2.1082
Bk-251	1.4241	1.7365	2.4633	2.8169
Br-72	2.3186	2.7676	3.0353	3.1369
Br-73	1.4032	1.6594	1.9163	2.0353
Br-74	2.6340	3.1264	3.4564	3.5385
Br-74m	3.2253	3.8326	4.2084	4.3223
Br-75	1.7150	2.0183	2.4562	2.6514
Br-76	2.3645	2.8375	3.4250	3.6564
Br-76m	1.1719	1.5454	2.6896	3.1702
Br-77	1.2849	1.6107	2.5851	3.0379
Br-77m	0.4631	0.6269	1.2580	1.5463
Br-78	0.1878	0.2288	0.3090	0.3443
Br-80	0.1183	0.1459	0.2073	0.2347
Br-80m	0.9542	1.3000	2.5051	3.0225

Nuclide	avg400	ctr400	mid400	cnr400
Br-82m	0.2940	0.4382	1.0788	1.3515
Br-82	3.8831	4.6120	4.9231	5.0544
Br-83	0.0151	0.0176	0.0194	0.0203
Br-84m	3.6127	4.2654	4.5905	4.6806
Br-84	1.3305	1.5877	1.6885	1.7097
Br-85	0.0866	0.1037	0.1098	0.1126
C-10	1.1605	1.3881	1.4698	1.5088
C-11	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0319	0.0485	0.1465	0.1974
Ca-45	0.0000	0.0000	0.0000	0.0000
Ca-47	1.0635	1.2614	1.3492	1.3652
Ca-49	1.1897	1.4222	1.5162	1.4963
Cd-101	2.6353	3.1078	3.5212	3.6975
Cd-102	2.2159	2.6276	3.1330	3.3280
Cd-103	2.1685	2.6000	3.0670	3.2031
Cd-104	1.9420	2.3143	2.8925	3.1291
Cd-105	1.5122	1.8159	2.1777	2.2855
Cd-107	1.1270	1.3893	1.9586	2.1537
Cd-109	1.0487	1.2945	1.8350	2.0197
Cd-111m	2.0217	2.3580	2.7792	2.9127
Cd-113	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0008	0.0010	0.0013	0.0014
Cd-115	0.4867	0.5680	0.6319	0.6619
Cd-115m	0.0408	0.0484	0.0518	0.0529
Cd-117	1.6891	1.9802	2.1687	2.2339
Cd-117m	1.9542	2.3126	2.4813	2.5186
Cd-118	0.0000	0.0000	0.0000	0.0000
Cd-119	2.0346	2.3888	2.5998	2.6654
Cd-119m	2.3123	2.7347	2.9417	2.9921
Ce-130	2.7404	3.2187	3.7624	4.0545
Ce-131	2.9405	3.4623	4.0475	4.2637
Ce-132	2.5723	3.0043	3.5557	3.6980
Ce-133	2.3416	2.7370	3.2724	3.5792
Ce-133m	4.1801	4.9174	5.5866	5.8883
Ce-134	0.8911	1.0609	1.3509	1.4839
Ce-135	3.0339	3.5642	4.1083	4.3616
Ce-137	0.9742	1.1761	1.6263	1.8417
Ce-137m	0.8154	0.9754	1.2103	1.3245
Ce-139	2.1006	2.4529	2.9831	3.0467

Nuclide	avg400	ctr400	mid400	cnr400
Ce-141	0.9041	1.0523	1.2069	1.2305
Ce-143	1.6638	1.9707	2.2738	2.4169
Ce-144	0.2850	0.3350	0.3823	0.4144
Ce-145	2.5982	3.1030	3.5249	3.7254
Cf-244	0.0990	0.1331	0.2556	0.3009
Cf-246	0.0682	0.0916	0.1754	0.2064
Cf-247	1.9015	2.3683	3.6416	4.2376
Cf-248	0.0820	0.1099	0.2099	0.2468
Cf-249	1.3528	1.6061	2.0297	2.1805
Cf-250	0.0754	0.0990	0.1767	0.2054
Cf-251	1.6273	1.9724	2.7473	3.1015
Cf-252	0.6631	0.7890	0.9264	0.9733
Cf-253	0.2248	0.2976	0.5609	0.6644
Cf-254	22.1087	25.9581	28.2045	28.8929
Cf-255	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0000	0.0000	0.0000	0.0001
Cl-34m	1.4275	1.6740	1.8312	1.8205
Cl-36	0.0003	0.0004	0.0012	0.0016
Cl-38	0.8925	1.0598	1.1321	1.1322
Cl-39	1.7829	2.0933	2.2654	2.3172
Cl-40	2.3466	2.7888	2.9771	2.9833
Cm-238	1.3261	1.6016	2.2022	2.5338
Cm-239	2.8940	3.4400	4.4196	4.8667
Cm-240	0.1078	0.1469	0.2919	0.3457
Cm-241	3.0833	3.7520	5.2776	5.9843
Cm-242	0.0967	0.1318	0.2621	0.3104
Cm-243	1.5538	1.9019	2.7900	3.2218
Cm-244	0.0830	0.1131	0.2251	0.2666
Cm-245	1.6916	2.0569	2.9305	3.3593
Cm-246	0.0709	0.0958	0.1854	0.2186
Cm-247	1.0069	1.1675	1.3158	1.3550
Cm-248	1.7854	2.1080	2.3669	2.4517
Cm-249	0.1022	0.1387	0.3108	0.3996
Cm-250	17.4529	20.4931	22.2811	22.8290
Cm-251	0.3834	0.4567	0.5703	0.6248
Co-54m	3.5871	4.2160	4.5623	4.6289
Co-55	1.6049	1.9105	2.1352	2.2333
Co-56	3.1461	3.7911	4.3333	4.5507
Co-57	1.6817	2.0463	2.9555	3.5541
Co-58	1.2846	1.5913	1.9885	2.2049

Nuclide	avg400	ctr400	mid400	cnr400
Co-58m	0.1282	0.1948	0.5871	0.7909
Co-60	2.4563	2.9098	3.1141	3.1474
Co-60m	0.1680	0.2457	0.6783	0.9022
Co-61	1.1097	1.2859	1.4145	1.4768
Co-62	1.4256	1.6886	1.8088	1.8268
Co-62m	2.5304	2.9968	3.2093	3.2445
Cr-48	2.6850	3.1171	3.5984	3.9747
Cr-49	1.3485	1.5401	1.7138	1.7792
Cr-51	0.1963	0.2533	0.4908	0.6120
Cr-55	0.0005	0.0006	0.0007	0.0007
Cr-56	1.7789	2.0608	2.5187	2.8140
Cs-121	1.0112	1.1748	1.3465	1.3806
Cs-121m	1.8702	2.1787	2.4949	2.5919
Cs-123	1.4986	1.7465	2.0226	2.1701
Cs-124	0.5170	0.6037	0.6803	0.7062
Cs-125	1.2742	1.4937	1.7626	1.8906
Cs-126	0.8733	1.0191	1.1596	1.2041
Cs-127	2.0342	2.3773	2.8198	3.0103
Cs-128	0.6597	0.7718	0.9112	0.9662
Cs-129	1.9699	2.3101	2.8228	3.0306
Cs-130m	1.6868	1.9710	2.4856	2.7360
Cs-130	0.5368	0.6335	0.8057	0.8808
Cs-131	0.8337	0.9851	1.2821	1.4122
Cs-132	2.0260	2.3947	2.7893	2.9553
Cs-134	2.5988	3.0924	3.2950	3.3902
Cs-134m	0.6052	0.7324	1.0681	1.2504
Cs-135	0.0000	0.0000	0.0000	0.0000
Cs-135m	2.3318	2.8210	2.9661	3.0568
Cs-136	3.6457	4.3087	4.6708	4.7892
Cs-137	1.4340	1.6808	1.8666	1.9527
Cs-138m	1.2314	1.4469	1.7311	1.8491
Cs-138	2.3895	2.8173	3.0351	3.0867
Cs-139	0.2458	0.2914	0.3120	0.3146
Cs-140	1.6096	1.9019	2.0419	2.0711
Cu-57	0.1257	0.1490	0.1601	0.1630
Cu-59	0.6007	0.7102	0.7741	0.7952
Cu-60	2.4262	2.8878	3.1219	3.1714
Cu-61	0.5196	0.6307	0.8860	1.0127
Cu-62	0.0111	0.0144	0.0268	0.0331
Cu-64	0.0823	0.1233	0.3586	0.4806

Nuclide	avg400	ctr400	mid400	cnr400
Cu-66	0.1191	0.1405	0.1507	0.1540
Cu-67	1.0419	1.2091	1.4453	1.5419
Cu-69	0.7039	0.8335	0.8918	0.9136
Dy-148	2.1291	2.5397	2.9221	3.0906
Dy-149	3.3826	4.0433	4.6075	4.8898
Dy-150	1.3907	1.6468	1.9246	2.0278
Dy-151	3.1318	3.7404	4.3942	4.6669
Dy-152	2.1878	2.5834	3.0259	3.2433
Dy-153	4.0306	4.8022	5.6333	6.0416
Dy-154	0.0000	0.0000	0.0000	0.0000
Dy-155	2.7649	3.2832	3.8009	4.0483
Dy-157	2.2442	2.6592	3.1107	3.3107
Dy-159	1.2050	1.4669	1.8170	1.9869
Dy-165m	0.2546	0.3242	0.5659	0.6928
Dy-165	0.2111	0.2495	0.2972	0.3224
Dy-166	0.9186	1.1040	1.4554	1.6317
Dy-167	1.8889	2.2113	2.5206	2.6605
Dy-168	1.8105	2.1337	2.5105	2.6648
Er-154	1.3620	1.6542	2.2358	2.5082
Er-156	1.6292	2.0094	2.9585	3.4228
Er-159	2.5981	3.0851	3.6045	3.8193
Er-161	2.7266	3.2738	3.8493	4.1228
Er-163	1.0058	1.2132	1.5359	1.6813
Er-165	0.9693	1.1703	1.4900	1.6348
Er-167m	0.8449	1.0023	1.2508	1.3794
Er-169	0.0037	0.0057	0.0169	0.0228
Er-171	2.3086	2.6996	3.1667	3.4229
Er-172	2.0682	2.4363	2.8800	3.0533
Er-173	3.5699	4.2066	4.8340	5.1960
Es-249	2.4646	2.9557	3.8276	4.2682
Es-250	6.7508	8.2937	11.6582	13.1738
Es-250m	2.1552	2.6033	3.4128	3.8245
Es-251	1.7609	2.1728	3.2264	3.7295
Es-253	0.0273	0.0364	0.0693	0.0821
Es-254	0.9165	1.2406	2.5054	3.0191
Es-254m	1.1895	1.4491	1.8768	2.0432
Es-255	0.0009	0.0011	0.0011	0.0012
Es-256	0.1452	0.1892	0.3366	0.3929
Eu-142	0.3100	0.3745	0.4082	0.4235
Eu-142m	4.0932	4.8767	5.4012	5.6492

Nuclide	avg400	ctr400	mid400	cnr400
Eu-143	0.5945	0.7181	0.8114	0.8579
Eu-144	0.2659	0.3223	0.3629	0.3816
Eu-145	2.3606	2.8559	3.1982	3.3748
Eu-146	4.1106	4.9306	5.4065	5.6255
Eu-147	2.4081	2.9034	3.3170	3.5819
Eu-148	4.7644	5.6509	6.2510	6.5209
Eu-149	1.1060	1.3726	1.7526	1.9591
Eu-150	4.4559	5.2651	5.8884	6.1568
Eu-150m	0.1974	0.2371	0.2732	0.2906
Eu-152	2.9193	3.4874	3.9076	4.1573
Eu-152m	0.7981	0.9632	1.0816	1.1569
Eu-152n	1.3251	1.5683	2.0514	2.3652
Eu-154	2.4391	2.8917	3.1818	3.3779
Eu-154m	1.4694	1.7765	2.4428	2.8172
Eu-155	1.0265	1.1972	1.3893	1.5407
Eu-156	1.4660	1.7446	1.9307	2.0058
Eu-157	1.8107	2.1697	2.6346	2.8478
Eu-158	1.9380	2.3102	2.5957	2.7263
Eu-159	2.1087	2.5207	2.9494	3.1684
F-17	0.0004	0.0005	0.0005	0.0005
F-18	0.0000	0.0000	0.0000	0.0000
Fe-52	1.4776	1.7142	2.1071	2.0901
Fe-53	0.5242	0.6077	0.6820	0.7003
Fe-53m	3.4817	4.1286	4.4110	4.4913
Fe-55	0.1060	0.1613	0.4867	0.6557
Fe-59	1.2970	1.5330	1.6453	1.6688
Fe-60	0.0000	0.0000	0.0000	0.0000
Fe-61	1.7340	2.0398	2.1991	2.2509
Fe-62	1.1593	1.3478	1.4719	1.5360
Fm-251	1.6881	2.0541	2.8862	3.3265
Fm-252	0.0738	0.0974	0.1784	0.2084
Fm-253	1.3820	1.7323	2.7315	3.1757
Fm-254	0.0835	0.1088	0.1915	0.2221
Fm-255	0.7668	1.0248	1.9793	2.3501
Fm-256	16.4398	19.3067	20.9958	21.5169
Fm-257	1.7942	2.1933	3.1340	3.5668
Fr-212	2.8941	3.4695	4.5055	4.9952
Fr-219	0.0146	0.0170	0.0203	0.0215
Fr-220	0.2002	0.2532	0.4308	0.5111
Fr-221	0.2191	0.2577	0.3161	0.3464

Nuclide	avg400	ctr400	mid400	cnr400
Fr-222	1.3360	1.6187	2.2181	2.5046
Fr-223	1.0010	1.2288	1.7741	1.9961
Fr-224	1.4960	1.7870	2.1951	2.3920
Fr-227	2.3632	2.7845	3.4584	3.8056
Ga-64	1.7791	2.1170	2.2752	2.3098
Ga-65	1.4457	1.7188	2.1947	2.4979
Ga-66	1.2721	1.5461	1.9624	2.1378
Ga-67	1.4740	1.8039	2.8938	3.4764
Ga-68	0.0708	0.0924	0.1758	0.2182
Ga-70	0.0134	0.0161	0.0207	0.0224
Ga-72	2.6581	3.1786	3.3777	3.4407
Ga-73	1.7280	2.1276	3.3434	3.9512
Ga-74	2.9456	3.4772	3.7382	3.7944
Gd-142	1.3345	1.5908	1.8068	1.8951
Gd-143m	3.4709	4.1254	4.6335	4.8870
Gd-144	0.9229	1.1166	1.2916	1.3738
Gd-145m	1.3063	1.5839	1.9097	2.0725
Gd-145	2.0885	2.5100	2.7930	2.8951
Gd-146	4.1132	4.9129	5.6977	6.1413
Gd-147	4.1325	4.9095	5.5144	5.8012
Gd-148	0.0000	0.0000	0.0000	0.0000
Gd-149	3.0922	3.6814	4.2484	4.4520
Gd-150	0.0000	0.0000	0.0000	0.0000
Gd-151	1.3039	1.6058	2.0823	2.3128
Gd-152	0.0000	0.0000	0.0000	0.0000
Gd-153	2.1787	2.6194	3.0698	3.3738
Gd-159	0.4085	0.4870	0.5753	0.6135
Gd-162	1.2631	1.4773	1.7186	1.8049
Ge-66	2.1201	2.5784	3.6676	4.2104
Ge-67	1.5848	1.8414	2.1497	2.1055
Ge-68	0.2611	0.3972	1.1956	1.6095
Ge-69	1.0931	1.3612	2.0614	2.4095
Ge-71	0.2649	0.4028	1.2126	1.6324
Ge-75	0.1681	0.1940	0.2164	0.2272
Ge-77	2.9008	3.3819	3.7356	3.8915
Ge-78	1.2566	1.4490	1.6109	1.6856
H-3	0.0000	0.0000	0.0000	0.0000
Hf-167	1.5357	1.8069	2.1872	2.3457
Hf-169	2.2454	2.6504	3.1981	3.4512
Hf-170	3.0460	3.6228	4.6431	5.0840

Nuclide	avg400	ctr400	mid400	cnr400
Hf-172	2.3634	2.8749	4.1033	4.7140
Hf-173	3.7258	4.3796	5.1963	5.6919
Hf-174	0.0000	0.0000	0.0000	0.0000
Hf-175	2.3442	2.7687	3.4134	3.6880
Hf-177m	12.9104	15.1216	17.9966	19.3401
Hf-178m	9.2361	10.7972	12.7320	13.7199
Hf-179m	5.3441	6.2937	7.7412	8.3676
Hf-180m	4.7741	5.5902	6.6117	7.0889
Hf-181	2.3394	2.7470	3.2659	3.5436
Hf-182	1.3522	1.5701	1.8261	1.9328
Hf-182m	4.0701	4.8055	5.8456	6.3312
Hf-183	2.1113	2.4979	2.8006	2.9550
Hf-184	2.2190	2.7269	4.1862	4.8941
Hg-190	2.7972	3.3395	4.5622	5.1117
Hg-191m	4.6106	5.4650	6.8608	7.5335
Hg-192	2.7274	3.2649	4.5198	5.1281
Hg-193	2.7815	3.3428	4.4596	4.9906
Hg-193m	2.7360	3.2527	4.0695	4.4486
Hg-194	0.1621	0.2448	0.6873	0.9040
Hg-195	1.6677	2.0451	3.0807	3.5916
Hg-195m	1.7134	2.1484	3.6019	4.3149
Hg-197	1.5237	1.8626	2.8691	3.3799
Hg-197m	1.4062	1.7293	2.6774	3.1659
Hg-199m	1.9724	2.3510	3.2773	3.5797
Hg-203	1.2321	1.4317	1.6758	1.7939
Hg-205	0.0416	0.0489	0.0587	0.0641
Hg-206	0.5810	0.6788	0.8104	0.8727
Hg-207	3.4008	4.0038	4.4913	4.6631
Ho-150	1.7919	2.1539	2.3182	2.4034
Ho-153	2.2617	2.6660	3.0533	3.2271
Ho-153m	2.6466	3.1186	3.6309	3.8498
Ho-154m	5.4239	6.3499	7.0888	7.3621
Ho-154	2.8319	3.3259	3.7129	3.8567
Ho-155	2.2298	2.6602	3.2285	3.4968
Ho-156	4.0424	4.7669	5.4049	5.6817
Ho-157	3.3948	4.0404	4.8348	5.1867
Ho-159	3.8105	4.5206	5.3394	5.7921
Ho-160	4.0892	4.8848	5.5959	5.9401
Ho-161	1.5328	1.8634	2.4675	2.7617
Ho-162	1.3366	1.6159	2.0509	2.2614

Nuclide	avg400	ctr400	mid400	cnr400
Ho-162m	2.4604	2.9588	3.7658	4.1259
Ho-163	0.0043	0.0065	0.0195	0.0263
Ho-164	0.7451	0.9029	1.1602	1.2853
Ho-164m	1.2976	1.6104	2.4085	2.8004
Ho-166	0.2703	0.3270	0.4728	0.5484
Ho-166m	4.4352	5.2503	5.9882	6.2826
Ho-167	1.6663	1.9431	2.2488	2.3731
Ho-168	1.6748	2.0134	2.2946	2.4367
Ho-168m	0.2227	0.2881	0.5296	0.6515
Ho-170	3.9797	4.7075	5.4175	5.7308
I-118m	5.0226	5.9081	6.4271	6.6000
I-118	1.7233	2.0268	2.2067	2.2701
I-119	1.8111	2.1091	2.4482	2.6048
I-120	2.1812	2.5728	2.8443	2.9338
I-120m	4.3774	5.1436	5.6243	5.7960
I-121	2.1365	2.5051	2.9635	3.1898
I-122	0.4520	0.5337	0.6271	0.6680
I-123	2.1887	2.5481	3.1344	3.1656
I-124	1.7892	2.1155	2.4552	2.5940
I-125	1.6046	1.9112	2.5040	2.7706
I-126	1.3277	1.5631	1.8167	1.9141
I-128	0.2250	0.2628	0.3038	0.3196
I-129	0.8816	1.0451	1.3320	1.4596
I-130m	0.4137	0.4922	0.6364	0.7045
I-130	3.9035	4.6046	4.9556	5.0992
I-131	1.5145	1.7576	1.8828	1.9911
I-132	3.4841	4.1431	4.4174	4.5329
I-132m	1.1091	1.3258	1.6567	1.7959
I-133	1.2272	1.4341	1.5586	1.6166
I-134m	2.0676	2.4195	2.8789	3.0862
I-134	3.6551	4.3527	4.6399	4.7633
I-135	1.6364	1.9345	2.0765	2.1088
In-103	2.6951	3.1838	3.4944	3.5767
In-105	2.4717	2.9134	3.2491	3.4190
In-106	4.3302	5.1261	5.5547	5.7207
In-106m	1.9957	2.3604	2.5642	2.6137
In-107	2.3048	2.7302	3.1536	3.3183
In-108	5.8050	6.8807	7.6099	7.8780
In-108m	2.1765	2.5864	2.9066	2.9916
In-109	2.4271	2.8758	3.4096	3.6385

Nuclide	avg400	ctr400	mid400	cnr400
In-109m	1.1303	1.3339	1.4483	1.4890
In-110	5.3366	6.3651	7.0765	7.3549
In-110m	1.5951	1.8979	2.1426	2.2268
In-111	3.3290	3.8938	4.6623	4.8192
In-111m	1.1041	1.2914	1.4359	1.5020
In-112	0.3251	0.3950	0.5220	0.5690
In-112m	0.7709	0.9241	1.2142	1.3031
In-113m	1.0294	1.2056	1.4144	1.4778
In-114	0.0061	0.0074	0.0094	0.0101
In-114m	0.6698	0.8015	1.0175	1.1040
In-115	0.0000	0.0000	0.0000	0.0000
In-115m	0.9138	1.0773	1.2994	1.3867
In-116m	2.6436	3.1241	3.3595	3.4061
In-117	2.5320	2.9289	3.3275	3.2631
In-117m	0.6824	0.7986	0.9636	0.9891
In-118m	3.3083	3.9135	4.1953	4.2711
In-118	0.0817	0.0967	0.1037	0.1051
In-119	1.3395	1.6254	1.8162	1.9126
In-119m	0.1760	0.2124	0.2741	0.3000
In-121	1.3332	1.5834	1.6913	1.7393
In-121m	0.6779	0.8057	0.9793	1.0535
Ir-180	3.2893	3.9039	4.7223	5.1435
Ir-182	3.1835	3.7766	4.6370	5.1033
Ir-183	3.2812	3.9334	5.1193	5.6823
Ir-184	4.7986	5.6941	6.9571	7.5863
Ir-185	2.9893	3.6375	5.1942	5.9414
Ir-186	4.6468	5.5088	6.7208	7.2790
Ir-186m	2.7033	3.2335	3.9570	4.2977
Ir-187	2.0502	2.4890	3.5223	4.0184
Ir-188	3.3986	4.0497	4.9835	5.3145
Ir-189	1.4030	1.7253	2.6423	3.0938
Ir-190	5.0980	6.0068	7.1871	7.6786
Ir-190m	0.1488	0.2260	0.6710	0.8991
Ir-190n	1.1685	1.4249	2.0783	2.3977
Ir-191m	1.3785	1.7043	2.6688	3.1796
Ir-192	2.8609	3.3251	3.7594	3.9437
Ir-192m	0.1753	0.2654	0.7605	1.0073
Ir-192n	0.3732	0.5619	1.5908	2.1027
Ir-193m	0.1533	0.2309	0.6709	0.8958
Ir-194	0.2621	0.3050	0.3416	0.3557

Nuclide	avg400	ctr400	mid400	cnr400
Ir-194m	6.0694	7.0911	7.9507	8.3118
Ir-195	1.1198	1.3667	2.0636	2.4228
Ir-195m	1.8913	2.2479	2.9117	3.2247
Ir-196	0.5308	0.6235	0.6898	0.7147
Ir-196m	6.5226	7.6346	8.7444	9.1928
K-38	1.1973	1.4237	1.5246	1.5163
K-40	0.1316	0.1568	0.1737	0.1787
K-42	0.2248	0.2663	0.2839	0.2867
K-43	2.3368	2.7193	2.9771	3.0487
K-44	1.8432	2.1854	2.3390	2.3586
K-45	2.2888	2.6770	2.9485	2.9140
K-46	1.8310	2.1745	2.3230	2.3293
Kr-74	1.9452	2.3065	2.9384	3.2711
Kr-75	1.8055	2.1253	2.5528	2.7357
Kr-76	2.1993	2.7011	3.8805	4.3806
Kr-77	1.9338	2.2685	2.6714	2.9062
Kr-79	0.8787	1.1338	1.9506	2.2950
Kr-81	0.3520	0.5258	1.3009	1.6305
Kr-81m	1.0640	1.2706	1.6260	1.7416
Kr-83m	0.1520	0.2272	0.5752	0.7279
Kr-85	0.0050	0.0059	0.0064	0.0067
Kr-85m	1.3115	1.5189	1.7953	1.7730
Kr-87	0.9816	1.1503	1.2558	1.2715
Kr-88	1.7541	2.0897	2.3466	2.4060
Kr-89	2.0928	2.4699	2.6731	2.7369
La-128	3.9088	4.5689	5.0267	5.2069
La-129	1.7643	2.0526	2.3737	2.5316
La-130	2.8542	3.3411	3.7015	3.8272
La-131	2.3245	2.7054	3.1668	3.3891
La-132	2.6341	3.0886	3.4751	3.6191
La-132m	2.4166	2.8335	3.2801	3.4991
La-133	1.0368	1.2364	1.6804	1.8834
La-134	0.4169	0.4907	0.6096	0.6602
La-135	0.9109	1.0724	1.3744	1.5058
La-136	0.6143	0.7245	0.9210	1.0067
La-137	0.8585	1.0115	1.3051	1.4332
La-138	1.6519	1.9683	2.2239	2.3234
La-140	2.5886	3.0572	3.2877	3.3649
La-141	0.0233	0.0276	0.0295	0.0297
La-142	1.8399	2.1803	2.3362	2.3573

Nuclide	avg400	ctr400	mid400	cnr400
La-143	0.2624	0.3107	0.3328	0.3378
Lu-165	3.3333	3.9431	4.7275	5.1002
Lu-167	3.6516	4.3395	5.2839	5.6809
Lu-169m	0.1071	0.1628	0.4908	0.6610
Lu-169	3.3873	4.0287	4.8709	5.2204
Lu-170	3.2969	3.9324	4.6807	4.9760
Lu-171m	0.1187	0.1783	0.5235	0.7025
Lu-171	3.0074	3.6557	4.9147	5.4962
Lu-172	4.5255	5.3885	6.4698	6.9422
Lu-172m	0.0963	0.1464	0.4413	0.5943
Lu-173	2.6582	3.1574	4.0104	4.3947
Lu-174	1.2945	1.5627	2.1394	2.4061
Lu-174m	1.4006	1.7412	2.7418	3.2321
Lu-176	2.9820	3.5028	4.2581	4.6480
Lu-176m	0.3024	0.3712	0.5906	0.7084
Lu-177	0.3342	0.3938	0.4836	0.5392
Lu-177m	6.7796	7.9462	9.5000	10.2206
Lu-178	0.3098	0.3732	0.5077	0.5778
Lu-178m	5.5846	6.5043	7.6401	8.2279
Lu-179	0.1889	0.2200	0.2481	0.2648
Lu-180	2.7848	3.2833	3.8078	4.0301
Lu-181	2.1466	2.5755	3.3282	3.7009
Mg-27	1.2173	1.4581	1.5424	1.5830
Mg-28	2.3775	2.7889	3.1111	3.2070
Mn-50m	4.0420	4.8172	5.1249	5.2163
Mn-51	0.0088	0.0113	0.0195	0.0237
Mn-52	3.6738	4.3990	4.8540	5.0434
Mn-52m	1.2199	1.4461	1.5484	1.5645
Mn-53	0.0863	0.1313	0.3963	0.5340
Mn-54	1.2674	1.5584	1.8943	2.0756
Mn-56	1.6999	2.0401	2.1553	2.1972
Mn-57	0.5421	0.6894	1.1693	1.4190
Mn-58m	2.6945	3.2188	3.4182	3.4866
Mo-101	2.1391	2.5306	2.8576	2.9803
Mo-102	0.1388	0.1608	0.1819	0.1868
Mo-89	0.2689	0.3219	0.3591	0.3694
Mo-90	3.1792	3.7922	4.7399	5.1449
Mo-91m	1.1525	1.3680	1.5019	1.5367
Mo-91	0.0441	0.0567	0.0906	0.0996
Mo-93	0.5044	0.6664	1.1737	1.3118

Nuclide	avg400	ctr400	mid400	cnr400
Mo-93m	3.2904	3.9013	4.3521	4.4938
Mo-99	0.4039	0.4809	0.5419	0.5574
N-13	0.0000	0.0000	0.0000	0.0000
N-16	0.8488	1.0211	1.0755	1.0636
Na-22	1.2219	1.4492	1.5508	1.5628
Na-24	2.4045	2.8608	3.0558	3.0529
Nb-87	2.0688	2.4643	3.0507	3.2940
Nb-88m	4.4052	5.1873	5.6369	5.7675
Nb-88	5.4974	6.4978	7.3554	7.6444
Nb-89	0.5117	0.6264	0.7955	0.8377
Nb-89m	1.1399	1.3473	1.5670	1.6542
Nb-90	3.9566	4.7187	5.4945	5.6701
Nb-91	0.4870	0.6550	1.2118	1.3721
Nb-91m	0.4592	0.6025	1.0395	1.1604
Nb-92	2.8637	3.4540	4.2026	4.4488
Nb-92m	1.7442	2.1509	2.8062	3.0082
Nb-93m	0.0960	0.1280	0.2369	0.2710
Nb-94m	0.3502	0.4623	0.8129	0.9102
Nb-94	2.3353	2.7952	2.9592	3.0389
Nb-95	1.1585	1.4005	1.4693	1.5118
Nb-95m	0.6865	0.8492	1.2332	1.3500
Nb-96	3.7694	4.4800	4.7861	4.9194
Nb-97	1.1624	1.3724	1.4717	1.5068
Nb-98m	3.6924	4.4196	4.6940	4.8041
Nb-99	2.2317	2.6152	3.1197	3.3507
Nb-99m	0.8408	0.9935	1.1116	1.1495
Nd-134	2.5456	2.9853	3.4778	3.5783
Nd-135	2.8458	3.3713	3.9078	4.1772
Nd-136	2.3075	2.7601	3.2753	3.5742
Nd-137	2.5972	3.0902	3.5351	3.7558
Nd-138	0.9742	1.1785	1.4402	1.5733
Nd-139	0.9689	1.1639	1.3834	1.4894
Nd-139m	3.9056	4.6567	5.2073	5.5353
Nd-140	0.8863	1.0758	1.3257	1.4531
Nd-141	0.9081	1.1011	1.3494	1.4752
Nd-141m	1.1357	1.3715	1.4568	1.5059
Nd-144	0.0000	0.0000	0.0000	0.0000
Nd-147	1.1512	1.3644	1.5620	1.6944
Nd-149	2.0321	2.3810	2.6768	2.8426
Nd-151	2.3826	2.7944	3.0652	3.2343

Nuclide	avg400	ctr400	mid400	cnr400
Nd-152	0.8522	1.0037	1.2213	1.3192
Ne-19	0.0002	0.0003	0.0003	0.0003
Ne-24	1.2629	1.4694	1.6074	1.6640
Ni-56	4.2192	5.0046	5.9508	6.1431
Ni-57	1.5469	1.8566	2.2341	2.4159
Ni-59	0.1497	0.2277	0.6872	0.9258
Ni-63	0.0000	0.0000	0.0000	0.0000
Ni-65	0.5554	0.6558	0.7035	0.7131
Ni-66	0.0000	0.0000	0.0000	0.0000
Np-232	3.9626	4.7870	6.1949	6.8553
Np-233	1.3899	1.6777	2.3523	2.7118
Np-234	2.3175	2.8218	3.8148	4.2691
Np-235	0.3428	0.4799	1.0396	1.2640
Np-236	2.7782	3.4714	5.5119	6.2988
Np-236m	0.7646	0.9329	1.3579	1.5715
Np-237	0.9463	1.2146	2.0974	2.4589
Np-238	1.0666	1.3171	1.8105	1.9940
Np-239	2.1044	2.5469	3.5695	4.0942
Np-240	3.2045	3.9135	5.3385	5.8991
Np-240m	0.8585	1.0609	1.5010	1.6679
Np-241	0.5346	0.6480	0.9098	1.0388
Np-242	0.3312	0.4031	0.4894	0.5203
Np-242m	2.6850	3.3333	4.6872	5.1770
O-14	1.1886	1.4151	1.5144	1.5042
O-15	0.0000	0.0000	0.0000	0.0000
O-19	2.0335	2.3773	2.5973	2.6910
Os-180	1.5840	1.9525	2.9761	3.4604
Os-181	4.0481	4.8349	6.0180	6.5992
Os-182	2.6354	3.1513	4.2046	4.6834
Os-183	3.8419	4.5614	5.8138	6.3875
Os-183m	2.2352	2.6784	3.3681	3.6841
Os-185	2.1646	2.5930	3.2504	3.5563
Os-186	0.0000	0.0000	0.0000	0.0000
Os-189m	0.1419	0.2157	0.6432	0.8633
Os-190m	4.8840	5.7548	6.9541	7.4511
Os-191	1.4943	1.8372	2.8033	3.3183
Os-191m	0.2571	0.3527	0.8145	1.0494
Os-193	0.4825	0.5809	0.8133	0.9271
Os-194	0.1920	0.2717	0.6475	0.8366
Os-196	0.5127	0.6061	0.7530	0.8315

Nuclide	avg400	ctr400	mid400	cnr400
P-30	0.0009	0.0011	0.0012	0.0012
P-32	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000
Pa-227	0.5087	0.6431	1.0551	1.2372
Pa-228	4.0628	4.9476	6.7468	7.5543
Pa-229	1.1925	1.4580	2.1701	2.5262
Pa-230	2.3221	2.8304	3.9142	4.4148
Pa-231	0.7681	1.0263	1.9991	2.4058
Pa-232	2.1377	2.6059	3.4242	3.7302
Pa-233	1.7152	2.0909	3.0044	3.4122
Pa-234	4.1288	5.0217	6.6152	7.3064
Pa-234m	0.0337	0.0410	0.0533	0.0587
Pa-235	0.0508	0.0772	0.2322	0.3125
Pa-236	1.5012	1.8289	2.3787	2.5886
Pa-237	1.0481	1.2590	1.4575	1.5583
Pb-194	3.3459	3.9732	5.0144	5.5264
Pb-195m	4.6324	5.5324	7.0594	7.7373
Pb-196	2.9875	3.5373	4.5805	5.1075
Pb-197	3.2015	3.8007	4.6479	5.0311
Pb-197m	4.0572	4.8322	6.1807	6.8034
Pb-198	2.8793	3.4113	4.4508	4.9343
Pb-199	2.6889	3.1911	3.9977	4.3764
Pb-200	2.5599	3.0565	4.2177	4.7457
Pb-201	3.0352	3.5913	4.5082	4.9503
Pb-201m	1.1166	1.3282	1.6692	1.8319
Pb-202	0.1518	0.2299	0.6586	0.8720
Pb-202m	3.8085	4.5190	5.1473	5.4073
Pb-203	2.4437	2.8889	3.7654	4.2076
Pb-204m	3.5554	4.2101	4.6097	4.7673
Pb-205	0.1536	0.2327	0.6666	0.8826
Pb-209	0.0000	0.0000	0.0000	0.0000
Pb-210	0.2377	0.3392	0.7838	0.9833
Pb-211	0.1435	0.1699	0.1925	0.2017
Pb-212	1.1922	1.4018	1.7768	1.9734
Pb-214	1.2666	1.4925	1.8696	2.0430
Pd-100	2.7457	3.2686	4.1352	4.4450
Pd-101	1.8449	2.2620	3.0661	3.2740
Pd-103	0.6530	0.8231	1.2269	1.3247
Pd-107	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.0359	1.2220	1.4728	1.5316

Nuclide	avg400	ctr400	mid400	cnr400
Pd-109	0.3914	0.4810	0.6796	0.7524
Pd-111	0.0895	0.1053	0.1163	0.1202
Pd-112	0.2378	0.3086	0.5154	0.5725
Pd-114	0.1810	0.2102	0.2325	0.2504
Pd-96	2.9247	3.4903	3.9836	4.2567
Pd-97	2.5386	3.0003	3.3786	3.4964
Pd-98	2.4010	2.8612	3.4944	3.7701
Pd-99	2.4148	2.8535	3.3136	3.4800
Pm-136	3.6739	4.3313	4.7041	4.8420
Pm-137m	4.2601	4.9985	5.6275	5.9183
Pm-139	0.7597	0.9043	1.0373	1.0968
Pm-140m	4.0408	4.7933	5.2128	5.3758
Pm-140	0.2955	0.3542	0.3982	0.4166
Pm-141	0.6731	0.8146	0.9554	1.0245
Pm-142	0.2652	0.3223	0.3832	0.4141
Pm-143	1.3442	1.6349	1.9061	2.0507
Pm-144	3.7580	4.4683	4.9674	5.1972
Pm-145	0.9237	1.1291	1.3909	1.5302
Pm-146	2.0526	2.4470	2.7436	2.8837
Pm-147	0.0001	0.0001	0.0001	0.0001
Pm-148	0.7013	0.8277	0.8883	0.9091
Pm-148m	3.9410	4.6272	5.0257	5.1883
Pm-149	0.0482	0.0563	0.0652	0.0694
Pm-150	2.2173	2.6076	2.8282	2.8955
Pm-151	1.6020	1.8856	2.1416	2.2412
Pm-152m	3.7299	4.3849	4.8412	5.1258
Pm-152	0.6843	0.8128	0.8947	0.9620
Pm-153	1.0010	1.1840	1.3946	1.5435
Pm-154	2.0758	2.4743	2.7505	2.8621
Pm-154m	3.5153	4.1507	4.6389	4.8339
Po-203	3.5274	4.2151	5.2479	5.7439
Po-204	4.7567	5.7261	7.7781	8.7999
Po-205	3.3894	4.0535	4.9888	5.4553
Po-206	3.8853	4.6782	6.2539	7.0081
Po-207	3.0814	3.6684	4.5230	4.9429
Po-208	0.0001	0.0001	0.0001	0.0002
Po-209	0.0296	0.0375	0.0658	0.0804
Po-210	0.0000	0.0000	0.0000	0.0000
Po-211	0.0135	0.0160	0.0172	0.0178
Po-212m	0.0546	0.0646	0.0698	0.0705

Nuclide	avg400	ctr400	mid400	cnr400
Po-212	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0001	0.0001	0.0001
Po-214	0.0001	0.0001	0.0002	0.0002
Po-215	0.0005	0.0006	0.0006	0.0007
Po-216	0.0000	0.0000	0.0000	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000
Pr-134	5.1230	6.0043	6.6033	6.8030
Pr-134m	2.3554	2.7600	3.0456	3.1230
Pr-135	1.8827	2.2181	2.5815	2.7643
Pr-136	2.6349	3.0989	3.4317	3.5700
Pr-137	0.8154	0.9770	1.1898	1.2886
Pr-138	0.2760	0.3319	0.4014	0.4350
Pr-138m	4.4771	5.3129	5.8734	6.1270
Pr-139	0.8441	1.0146	1.2587	1.3766
Pr-140	0.4500	0.5409	0.6710	0.7340
Pr-142	0.0449	0.0532	0.0567	0.0573
Pr-142m	0.0068	0.0103	0.0312	0.0420
Pr-143	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0275	0.0327	0.0349	0.0354
Pr-144m	0.3763	0.4646	0.6429	0.7344
Pr-145	0.0392	0.0467	0.0516	0.0540
Pr-146	1.2989	1.5286	1.6517	1.6879
Pr-147	2.3099	2.7498	3.1779	3.4078
Pr-148	1.6638	1.9495	2.1250	2.1881
Pr-148m	2.4437	2.8484	3.1268	3.2370
Pt-184	5.3546	6.4102	8.6595	9.6732
Pt-186	2.7510	3.3012	4.2659	4.7300
Pt-187	3.3255	3.9895	5.3330	6.0099
Pt-188	2.2808	2.7478	3.8288	4.3400
Pt-189	3.0450	3.6663	5.0180	5.6878
Pt-190	0.0000	0.0000	0.0000	0.0000
Pt-191	2.7263	3.2771	4.5177	5.1226
Pt-193	0.1584	0.2402	0.6968	0.9264
Pt-193m	0.3729	0.4988	1.0642	1.3488
Pt-195m	1.6508	2.0651	3.4740	4.1928
Pt-197	0.4623	0.5780	0.9903	1.1985
Pt-197m	1.0940	1.3763	2.3399	2.8115
Pt-199	0.6186	0.7287	0.8729	0.9392
Pt-200	0.8639	1.0544	1.6046	1.8813
Pt-202	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Pu-232	1.0351	1.2503	1.7478	2.0166
Pu-234	1.1632	1.4131	2.0207	2.3387
Pu-235	1.5398	1.8841	2.7566	3.1939
Pu-236	0.1108	0.1535	0.3186	0.3809
Pu-237	1.0357	1.2898	2.0124	2.3506
Pu-238	0.1020	0.1415	0.2943	0.3519
Pu-239	0.0534	0.0753	0.1703	0.2105
Pu-240	0.0960	0.1331	0.2767	0.3309
Pu-241	0.0000	0.0000	0.0001	0.0001
Pu-242	0.0824	0.1142	0.2373	0.2838
Pu-243	0.4606	0.5503	0.7551	0.8551
Pu-244	0.0939	0.1247	0.2294	0.2687
Pu-245	1.3848	1.6393	1.9691	2.1352
Pu-246	1.8532	2.2400	2.9797	3.3321
Ra-219	0.9031	1.0586	1.2949	1.4103
Ra-220	0.0122	0.0141	0.0157	0.0164
Ra-221	0.5797	0.7220	1.1626	1.3387
Ra-222	0.0376	0.0436	0.0498	0.0523
Ra-223	1.3951	1.6600	2.2660	2.5624
Ra-224	0.0619	0.0722	0.0856	0.0924
Ra-225	0.4577	0.5886	0.8359	0.9453
Ra-226	1.2957	1.5204	1.7947	1.6656
Ra-227	1.1802	1.4834	2.3880	2.7750
Ra-228	1.3587	1.5960	1.7908	1.7417
Ra-230	0.6897	0.8280	1.1341	1.2821
Rb-77	1.8857	2.2184	2.5489	2.6389
Rb-78m	3.0226	3.5585	3.8708	3.9726
Rb-78	2.3072	2.7350	3.0292	3.0931
Rb-79	2.1809	2.5982	3.2321	3.4101
Rb-80	0.3421	0.4036	0.4464	0.4614
Rb-81	0.7888	1.0076	1.6049	1.8301
Rb-81m	0.3993	0.5536	1.0892	1.2793
Rb-82	0.2064	0.2546	0.2997	0.3193
Rb-82m	4.2210	5.1012	5.9987	6.3492
Rb-83	1.4440	1.8071	2.6818	3.0292
Rb-84	1.1091	1.4051	1.9749	2.1984
Rb-84m	1.7171	2.0256	2.4497	2.6257
Rb-86m	1.1451	1.3384	1.4650	1.5198
Rb-86	0.1085	0.1281	0.1374	0.1401
Rb-87	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Rb-88	0.4870	0.5797	0.6175	0.6233
Rb-89	2.0809	2.4628	2.6393	2.6743
Rb-90	1.1079	1.3279	1.4068	1.4196
Rb-90m	2.5183	3.0206	3.2130	3.2635
Re-178	2.8855	3.4409	4.3348	4.7833
Re-179	3.5811	4.2427	5.2485	5.7022
Re-180	2.9802	3.5895	4.5520	5.0477
Re-181	3.4911	4.1623	5.3341	5.8678
Re-182	6.9555	8.2485	10.3457	11.2898
Re-182m	3.5644	4.2515	5.3731	5.8956
Re-183	2.5373	3.0750	4.4247	5.0301
Re-184	2.6809	3.2334	4.0616	4.4922
Re-184m	2.3740	2.8668	3.9917	4.5573
Re-186	0.2991	0.3582	0.4823	0.5452
Re-186m	0.6894	0.9442	2.1352	2.7426
Re-187	0.0000	0.0000	0.0000	0.0000
Re-188	0.3620	0.4252	0.5400	0.5564
Re-188m	1.4780	1.8220	2.8505	3.3783
Re-189	0.3931	0.4682	0.6190	0.6904
Re-190	3.6805	4.3106	4.8461	5.0364
Re-190m	3.1265	3.6902	4.4504	4.7914
Rh-100m	1.0565	1.3072	1.8560	2.0024
Rh-100	3.4237	4.0957	4.7691	4.9437
Rh-101	2.8698	3.4105	4.1186	4.4565
Rh-101m	1.7126	2.0528	2.6226	2.7836
Rh-102	1.1201	1.3472	1.7000	1.7982
Rh-102m	4.3446	5.1729	5.9548	6.1909
Rh-103m	0.0802	0.1037	0.1779	0.2045
Rh-104	0.0276	0.0325	0.0370	0.0385
Rh-104m	1.2725	1.5399	1.9819	2.0886
Rh-105	0.3092	0.3577	0.3976	0.4127
Rh-106	0.4001	0.4674	0.5077	0.5253
Rh-106m	4.4603	5.2588	5.6660	5.8236
Rh-107	1.1990	1.3872	1.5405	1.5991
Rh-108	0.7594	0.8830	0.9693	0.9952
Rh-109	1.3626	1.5825	1.7927	1.8663
Rh-94	2.8912	3.4295	3.6710	3.7425
Rh-95	2.0315	2.4265	2.7004	2.7726
Rh-95m	1.1932	1.4057	1.5600	1.6169
Rh-96	4.6401	5.5426	6.0156	6.1786

Nuclide	avg400	ctr400	mid400	cnr400
Rh-96m	1.2397	1.5042	1.7586	1.8299
Rh-97	1.7339	2.0586	2.3963	2.4805
Rh-97m	2.8379	3.3858	3.9866	4.1176
Rh-98	1.3746	1.6288	1.7846	1.8304
Rh-99	2.4938	2.9835	3.7755	4.0244
Rh-99m	1.9574	2.3433	2.9154	3.0683
Rn-207	2.6805	3.1698	3.8586	4.1883
Rn-209	2.9944	3.5467	4.3354	4.7048
Rn-210	0.2126	0.2545	0.3314	0.3685
Rn-211	3.7236	4.4340	5.3481	5.7535
Rn-212	0.0006	0.0007	0.0007	0.0008
Rn-215	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0015	0.0017	0.0019	0.0019
Rn-219	0.2518	0.2926	0.3404	0.3607
Rn-220	1.4267	1.6570	1.7975	1.9590
Rn-222	0.0009	0.0011	0.0012	0.0012
Rn-223	1.3403	1.6449	2.4026	2.7408
Ru-103	1.1580	1.3471	1.4761	1.5384
Ru-105	1.6856	1.9945	2.2132	2.2964
Ru-106	0.0000	0.0000	0.0000	0.0000
Ru-107	0.6949	0.8162	0.8932	0.9204
Ru-108	0.6360	0.7376	0.8826	0.8622
Ru-92	5.8447	6.9391	8.3325	8.8261
Ru-94	1.8278	2.2045	2.8132	2.9708
Ru-95	2.4538	2.9315	3.5399	3.7059
Ru-97	1.9158	2.2998	2.9421	3.1539
S-35	0.0000	0.0000	0.0000	0.0000
S-37	1.1118	1.3295	1.4171	1.3982
S-38	1.0452	1.2407	1.3277	1.3247
Sb-111	2.1270	2.4731	2.8280	2.8329
Sb-113	1.5907	1.8627	2.1215	2.2443
Sb-114	2.0475	2.4314	2.6532	2.7135
Sb-115	1.7129	2.0144	2.3513	2.5132
Sb-116	1.9391	2.3092	2.5846	2.6731
Sb-116m	5.4866	6.4678	7.2842	7.6497
Sb-117	2.1245	2.4841	3.0663	3.0921
Sb-118	0.2567	0.3087	0.3953	0.4347
Sb-118m	5.4302	6.4278	7.3495	7.7424

Nuclide	avg400	ctr400	mid400	cnr400
Sb-119	0.9427	1.1451	1.5739	1.7719
Sb-120	0.4800	0.5786	0.7635	0.8495
Sb-120m	5.7685	6.7606	7.6178	8.0586
Sb-122m	1.7610	2.0781	2.5369	2.7458
Sb-122	0.9054	1.0594	1.1546	1.1954
Sb-124	2.2247	2.6222	2.8166	2.8723
Sb-124m	0.8919	1.0503	1.1927	1.2573
Sb-124n	0.0237	0.0361	0.1088	0.1465
Sb-125	1.6250	1.9066	2.2333	2.3559
Sb-126	5.0617	5.9799	6.4313	6.5934
Sb-126m	3.0449	3.5837	3.8844	3.9806
Sb-127	1.4511	1.7092	1.8573	1.9198
Sb-128	5.6051	6.6433	7.1231	7.3372
Sb-128m	3.6317	4.3169	4.6269	4.7745
Sb-129	1.9780	2.3527	2.5105	2.5735
Sb-130m	4.2695	5.0960	5.4541	5.5845
Sb-130	6.1368	7.2705	7.8614	8.0621
Sb-131	2.5026	2.9620	3.1770	3.2452
Sb-133	2.6464	3.1378	3.3574	3.4072
Sc-42m	3.6257	4.2654	4.6044	4.6738
Sc-43	0.2771	0.3222	0.3718	0.3876
Sc-44	1.2546	1.4850	1.5982	1.6245
Sc-44m	1.1397	1.3168	1.4779	1.5543
Sc-46	2.4570	2.9230	3.1122	3.1801
Sc-47	0.9914	1.1338	1.3195	1.2147
Sc-48	3.8510	4.5488	4.8805	4.9624
Sc-49	0.0007	0.0009	0.0009	0.0009
Sc-50	3.5169	4.1423	4.4512	4.5442
Se-70	1.8797	2.3646	3.9633	4.7294
Se-71	1.3938	1.6358	1.8490	1.8772
Se-72	1.1342	1.4984	2.8303	3.4815
Se-73	2.2433	2.6539	3.3570	3.6666
Se-73m	0.2716	0.3434	0.5817	0.6945
Se-75	2.7385	3.2885	4.5622	5.2345
Se-77m	0.9228	1.1117	1.6364	1.7416
Se-79m	0.3941	0.5468	1.2339	1.5634
Se-79	0.0000	0.0000	0.0000	0.0000
Se-81	0.0234	0.0272	0.0299	0.0312
Se-81m	0.4438	0.6040	1.2946	1.6322
Se-83m	1.2223	1.4397	1.5520	1.5835

Nuclide	avg400	ctr400	mid400	cnr400
Se-83	4.0602	4.7725	5.1733	5.3169
Se-84	1.2137	1.4043	1.5562	1.5853
Si-31	0.0009	0.0010	0.0011	0.0011
Si-32	0.0000	0.0000	0.0000	0.0000
Sm-139	2.0674	2.4356	2.7228	2.8548
Sm-140	1.5645	1.8813	2.1787	2.3361
Sm-141	1.8742	2.2159	2.4866	2.5840
Sm-141m	3.8718	4.5991	5.1127	5.3503
Sm-142	0.8611	1.0606	1.2801	1.4019
Sm-143	0.5564	0.6828	0.8165	0.8895
Sm-143m	1.1355	1.3722	1.4596	1.5103
Sm-145	1.7888	2.1939	2.6253	2.8607
Sm-146	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0009	0.0012	0.0031	0.0041
Sm-153	1.2366	1.4795	1.7160	1.8835
Sm-155	1.3195	1.5246	1.6793	1.8563
Sm-156	1.1742	1.3810	1.6968	1.8530
Sm-157	1.8948	2.2239	2.4805	2.6111
Sn-106	3.1439	3.7086	4.2857	4.5427
Sn-108	3.1071	3.6458	4.2917	4.5208
Sn-109	2.8158	3.3490	3.8356	4.0025
Sn-110	1.9687	2.3179	2.7985	3.0051
Sn-111	0.6935	0.8381	1.0798	1.1783
Sn-113	0.7708	0.9355	1.2605	1.3972
Sn-113m	0.5386	0.6520	0.8857	0.9949
Sn-117m	1.9952	2.3274	2.8670	2.8668
Sn-119m	0.6166	0.7547	1.0759	1.2251
Sn-121	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.1985	0.2423	0.3495	0.4012
Sn-123	0.0080	0.0094	0.0101	0.0103
Sn-123m	1.3595	1.5616	1.8370	1.7309
Sn-125m	1.2485	1.4445	1.6031	1.6582
Sn-125	0.4057	0.4809	0.5145	0.5257
Sn-126	1.1445	1.3365	1.6449	1.8276
Sn-127m	1.1584	1.3484	1.4735	1.5309
Sn-127	2.5887	3.0550	3.3048	3.3908
Sn-128	3.3367	3.9283	4.7000	5.0445
Sn-129	1.5285	1.8029	1.9368	1.9796

Nuclide	avg400	ctr400	mid400	cnr400
Sn-130	3.4279	4.0345	4.5288	4.7482
Sn-130m	2.1137	2.4909	2.8031	2.9273
Sr-79	1.3884	1.6787	2.1130	2.3040
Sr-80	1.1990	1.5033	2.2204	2.4553
Sr-81	1.9738	2.3082	2.7034	2.7337
Sr-82	0.3978	0.5802	1.2553	1.4867
Sr-83	1.4599	1.8787	2.8792	3.2227
Sr-85	1.5162	1.8839	2.6912	2.9868
Sr-85m	1.3723	1.6073	1.9157	2.0349
Sr-87m	1.0566	1.2418	1.4810	1.5415
Sr-89	0.0001	0.0001	0.0001	0.0002
Sr-90	0.0000	0.0000	0.0000	0.0000
Sr-91	0.9894	1.1739	1.2534	1.2845
Sr-92	1.2601	1.4917	1.5976	1.6157
Sr-93	3.2377	3.8339	4.2256	4.3214
Sr-94	1.2608	1.4955	1.5953	1.6114
Ta-170	1.4761	1.7642	2.2794	2.5552
Ta-172	3.3676	4.0043	4.8845	5.3101
Ta-173	2.6402	3.1719	4.2401	4.7000
Ta-174	2.6777	3.1918	4.0629	4.4972
Ta-175	3.6404	4.3241	5.3149	5.7697
Ta-176	3.4814	4.1604	5.0892	5.4933
Ta-177	1.2695	1.5273	2.0535	2.3072
Ta-178	1.3090	1.5790	2.1599	2.4360
Ta-178m	6.8680	8.0410	9.6591	10.4633
Ta-179	0.6174	0.7614	1.1658	1.3604
Ta-180	1.0673	1.2886	1.7778	2.0112
Ta-182	3.0172	3.5722	4.3097	4.6423
Ta-182m	3.1833	3.8148	5.2884	5.8492
Ta-183	2.9264	3.5052	4.7971	5.4081
Ta-184	4.6784	5.5225	6.6058	7.1273
Ta-185	1.6325	1.9600	2.7472	3.0614
Ta-186	4.4507	5.2326	5.9522	6.3438
Tb-146	2.7207	3.2290	3.5065	3.5838
Tb-147m	1.9202	2.3039	2.5920	2.6994
Tb-147	3.3852	4.0262	4.4843	4.6760
Tb-148m	5.6640	6.7409	7.3714	7.6341
Tb-148	2.5004	3.0031	3.2804	3.4053
Tb-149m	2.5469	3.0785	3.4214	3.5853
Tb-149	3.0742	3.6527	4.1434	4.2905

Nuclide	avg400	ctr400	mid400	cnr400
Tb-150m	5.7293	6.7669	7.4980	7.7833
Tb-150	2.9618	3.5323	3.9371	4.0937
Tb-151	4.0832	4.8359	5.5465	5.8971
Tb-151m	0.6851	0.8690	1.4807	1.7837
Tb-152m	3.6319	4.2951	5.0540	5.3560
Tb-152	2.7402	3.2541	3.6868	3.8645
Tb-153	2.5919	3.1009	3.6952	4.0102
Tb-154	3.2865	3.9372	4.4527	4.7087
Tb-155	2.6215	3.1157	3.7101	4.0361
Tb-156	4.7539	5.6445	6.4519	6.8409
Tb-156m	0.9047	1.0625	1.1905	1.2260
Tb-156n	0.1543	0.2071	0.4376	0.5577
Tb-157	0.1869	0.2464	0.4624	0.5743
Tb-158	2.4126	2.9026	3.4417	3.7120
Tb-160	2.1709	2.5705	2.9088	3.0711
Tb-161	0.9762	1.1864	1.6439	1.8688
Tb-162	2.8003	3.3083	3.7073	3.9001
Tb-163	2.3686	2.7556	3.0830	3.2010
Tb-164	4.6570	5.5051	6.1590	6.3926
Tb-165	1.0528	1.2530	1.4527	1.5270
Tc-101	1.3131	1.5202	1.6861	1.7551
Tc-102m	3.0401	3.5707	3.8623	3.9460
Tc-102	0.1391	0.1628	0.1771	0.1824
Tc-104	2.9341	3.4393	3.7452	3.8175
Tc-105	2.3411	2.7342	3.1013	3.2107
Tc-91	1.1248	1.3413	1.4642	1.4843
Tc-91m	0.7934	0.9298	1.0281	1.0695
Tc-92	4.9647	5.8515	6.4759	6.6115
Tc-93	1.7358	2.1167	2.6595	2.7881
Tc-93m	1.2767	1.5200	1.8255	1.8877
Tc-94	4.2153	5.1055	5.8103	6.0563
Tc-94m	1.5651	1.8937	2.1386	2.2184
Tc-95	1.7312	2.1436	2.7121	2.8840
Tc-95m	2.3041	2.7821	3.4490	3.6758
Tc-96	4.1275	5.0358	5.7485	6.0065
Tc-96m	0.3568	0.4558	0.7100	0.7783
Tc-97	0.5312	0.6928	1.1681	1.2921
Tc-97m	0.4326	0.5574	0.9032	0.9927
Tc-98	2.3438	2.7927	2.9695	3.0462
Tc-99	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Tc-99m	1.3611	1.5781	1.7929	1.8532
Te-113	1.3852	1.6469	1.7843	1.8253
Te-114	2.6851	3.1809	3.7778	4.0433
Te-115	2.1782	2.5791	2.8516	2.9504
Te-115m	2.4804	2.9525	3.2526	3.3609
Te-116	1.7899	2.1130	2.6542	2.9394
Te-117	1.9588	2.3389	2.6685	2.8058
Te-118	0.7726	0.9263	1.2288	1.3675
Te-119	1.9683	2.3361	2.7417	2.9143
Te-119m	3.5193	4.1308	4.7795	4.8993
Te-121	1.9595	2.3127	2.7416	2.9354
Te-121m	1.7226	2.0228	2.4128	2.6116
Te-123	0.0219	0.0328	0.0964	0.1293
Te-123m	1.7597	2.0419	2.5089	2.4874
Te-125m	1.3413	1.6002	2.1156	2.3496
Te-127	0.0163	0.0189	0.0211	0.0218
Te-127m	0.4232	0.5080	0.6999	0.7887
Te-129	0.3368	0.4039	0.5478	0.6159
Te-129m	0.3556	0.4257	0.5631	0.6264
Te-131	1.7092	1.9790	2.2463	2.2466
Te-131m	2.7611	3.2725	3.5854	3.7312
Te-132	2.2003	2.5684	3.0232	3.2420
Te-133	2.0792	2.4343	2.6573	2.7283
Te-133m	3.1181	3.6821	4.0334	4.1668
Te-134	2.8760	3.3614	3.7499	3.9238
Th-223	1.1945	1.4497	2.1221	2.4489
Th-224	0.1970	0.2338	0.3060	0.3248
Th-226	0.1429	0.1818	0.3037	0.3593
Th-227	1.2942	1.6272	2.6154	3.0332
Th-228	0.1062	0.1444	0.2935	0.3544
Th-229	1.7672	2.2290	3.7137	4.3837
Th-230	1.3043	1.5503	1.5421	1.6030
Th-231	0.9430	1.2569	2.4041	2.8713
Th-232	1.1763	1.3887	1.5835	1.5627
Th-233	0.2991	0.3801	0.6566	0.7835
Th-234	0.2309	0.2894	0.4582	0.5308
Th-235	0.1283	0.1520	0.1751	0.1855
Th-236	0.2438	0.2973	0.4212	0.4815
Ti-44	2.4623	2.8182	3.1558	3.3822
Ti-45	0.0110	0.0154	0.0375	0.0488

Nuclide	avg400	ctr400	mid400	cnr400
Ti-51	1.2606	1.4602	1.6114	1.6688
Ti-52	1.6308	1.9269	2.2841	2.6067
Tl-190	1.8754	2.2030	2.6174	2.7881
Tl-190m	4.7455	5.5932	6.4089	6.7555
Tl-194	2.0389	2.4053	2.9726	3.2306
Tl-194m	6.1887	7.3322	8.7085	9.3602
Tl-195	2.7955	3.3817	4.5990	5.1877
Tl-196	3.3024	3.9045	4.6945	5.0350
Tl-197	2.2094	2.6341	3.4949	3.9085
Tl-198	3.6316	4.2985	5.1814	5.5568
Tl-198m	4.1195	4.8907	6.1841	6.7846
Tl-199	2.1273	2.5357	3.4243	3.8614
Tl-200	3.3762	3.9947	4.8746	5.2698
Tl-201	1.6819	2.0320	2.9742	3.4314
Tl-202	2.2823	2.6989	3.4616	3.8245
Tl-204	0.0262	0.0320	0.0488	0.0574
Tl-206m	6.2660	7.3436	8.3424	8.8022
Tl-206	0.0013	0.0016	0.0022	0.0026
Tl-207	0.0033	0.0039	0.0042	0.0043
Tl-208	2.8236	3.3366	3.6445	3.7279
Tl-209	3.8850	4.5422	5.0320	5.3664
Tl-210	3.9616	4.7360	5.4184	5.7094
Tm-161	4.7617	5.6564	6.8419	7.3528
Tm-162	2.5034	2.9806	3.4868	3.7149
Tm-163	3.9898	4.7263	5.5952	5.9821
Tm-164	1.1014	1.3170	1.6349	1.7795
Tm-165	3.1147	3.6882	4.4222	4.7491
Tm-166	3.7384	4.4601	5.2668	5.6006
Tm-167	1.9413	2.3237	2.9892	3.3046
Tm-168	4.1911	4.9877	5.8650	6.2774
Tm-170	0.0895	0.1089	0.1653	0.1952
Tm-171	0.0148	0.0179	0.0247	0.0278
Tm-172	0.7277	0.8725	1.1081	1.2157
Tm-173	1.2727	1.4793	1.6833	1.7355
Tm-174	5.2972	6.1935	7.1930	7.5278
Tm-175	2.1757	2.5623	2.8710	3.0054
Tm-176	3.7489	4.4152	5.1372	5.4214
U-227	1.2120	1.4681	2.0871	2.3733
U-228	0.1299	0.1715	0.3200	0.3790
U-230	0.1218	0.1678	0.3464	0.4149

Nuclide	avg400	ctr400	mid400	cnr400
U-231	2.0433	2.6038	4.3898	5.1730
U-232	0.1089	0.1524	0.3248	0.3912
U-233	0.0568	0.0797	0.1720	0.2084
U-234	1.2627	1.4425	1.5227	1.5063
U-235	1.5523	1.7985	1.9215	2.1559
U-235m	0.0000	0.0000	0.0000	0.0000
U-236	0.0887	0.1246	0.2682	0.3236
U-237	2.1470	2.6213	3.7406	4.2517
U-238	1.1800	1.3754	1.6585	3.6325
U-239	0.8352	0.9847	1.2407	1.3641
U-240	0.3325	0.4482	0.8789	1.0517
U-242	0.2929	0.3443	0.4058	0.4275
V-47	0.0101	0.0126	0.0196	0.0228
V-48	2.6166	3.1070	3.4107	3.5116
V-49	0.0585	0.0890	0.2685	0.3618
V-50	1.2495	1.5026	1.7392	1.8359
V-52	1.2251	1.4523	1.5496	1.5631
V-53	1.2811	1.5101	1.6209	1.6573
W-177	4.7462	5.6475	7.1762	7.9577
W-178	0.4212	0.5359	0.9505	1.1569
W-179	1.3770	1.6884	2.5558	2.9732
W-179m	0.9159	1.1109	1.5802	1.8089
W-181	0.9211	1.1227	1.6228	1.8610
W-185m	0.6262	0.8362	1.7979	2.2872
W-185	0.0009	0.0010	0.0014	0.0015
W-187	1.4211	1.6775	1.9559	2.0940
W-188	0.0126	0.0149	0.0192	0.0213
W-190	2.2707	2.7060	3.6448	3.9560
Xe-120	2.5972	3.0618	3.7411	4.0371
Xe-121	1.9463	2.2837	2.6378	2.7861
Xe-122	1.0666	1.2573	1.5999	1.7443
Xe-123	2.1094	2.4634	2.9435	3.0567
Xe-125	2.5009	2.9262	3.5209	3.7552
Xe-127	2.5716	3.0041	3.5714	3.7868
Xe-127m	2.1590	2.5132	2.9065	3.1391
Xe-129m	1.5789	1.8698	2.4069	2.6458
Xe-131m	0.6574	0.7785	1.0297	1.1372
Xe-133	1.0805	1.2470	1.4943	1.6307
Xe-133m	0.7676	0.9050	1.1605	1.2754
Xe-135	1.2417	1.4316	1.6033	1.6881

Nuclide	avg400	ctr400	mid400	cnr400
Xe-135m	1.0809	1.2613	1.4135	1.4850
Xe-137	0.4125	0.4796	0.5267	0.5425
Xe-138	1.5811	1.8588	2.1524	2.2517
Y-81	1.7197	2.0538	2.6322	2.9512
Y-83	1.0621	1.3282	1.8694	2.0529
Y-83m	1.1437	1.3565	1.6933	1.8147
Y-84m	3.9630	4.7301	5.0856	5.2247
Y-85	0.9752	1.1749	1.4829	1.5994
Y-85m	1.0853	1.3229	1.6870	1.8096
Y-86	4.1590	4.9874	5.7721	6.0150
Y-86m	1.3445	1.5698	1.7812	1.8975
Y-87	1.4820	1.8331	2.6088	2.8793
Y-87m	1.0327	1.2150	1.4566	1.5187
Y-88	2.7759	3.4052	4.2406	4.4984
Y-89m	1.2139	1.4504	1.5426	1.5849
Y-90	0.0001	0.0001	0.0001	0.0002
Y-90m	2.4557	2.8642	3.2093	3.3811
Y-91	0.0032	0.0038	0.0041	0.0041
Y-91m	1.1241	1.3167	1.4577	1.5160
Y-92	0.3226	0.3822	0.4090	0.4188
Y-93	0.1642	0.1918	0.2104	0.2176
Y-94	0.9542	1.1344	1.2093	1.2380
Y-95	0.7337	0.8710	0.9317	0.9373
Yb-162	2.5208	2.9734	3.6606	3.9277
Yb-163	1.7593	2.1173	2.7460	3.0337
Yb-164	1.0768	1.2897	1.6666	1.8290
Yb-165	2.7307	3.2843	4.5213	5.1261
Yb-166	2.0293	2.4191	3.1094	3.4206
Yb-167	4.2531	5.0544	6.4746	7.2102
Yb-169	4.8138	5.7021	7.0569	7.6672
Yb-175	0.2005	0.2340	0.2734	0.2910
Yb-177	0.7364	0.8627	1.0110	1.0444
Yb-178	0.1396	0.1635	0.1941	0.2053
Yb-179	2.2948	2.6876	2.9942	3.1074
Zn-60	1.3950	1.6422	1.8191	1.8891
Zn-61	0.5411	0.6378	0.6976	0.7155
Zn-62	1.2661	1.5698	2.3335	2.7284
Zn-63	0.2172	0.2621	0.3233	0.3523
Zn-65	0.8298	1.0478	1.7095	2.0388
Zn-69	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Zn-69m	1.1278	1.3110	1.4807	1.5374
Zn-71	0.6332	0.7402	0.8035	0.8368
Zn-71m	3.5647	4.1512	4.5405	4.6717
Zn-72	1.7878	2.1657	3.2350	3.6917
Zr-85	1.0928	1.2818	1.4508	1.5002
Zr-86	2.3797	2.9397	4.2657	4.7137
Zr-87	0.1708	0.2189	0.3355	0.3705
Zr-88	1.6254	1.9834	2.7401	2.9523
Zr-89	1.5802	1.9533	2.5114	2.6967
Zr-89m	1.1540	1.3591	1.5168	1.5722
Zr-93	0.0000	0.0000	0.0000	0.0000
Zr-95	1.1443	1.3763	1.4508	1.4911
Zr-97	1.3730	1.6451	1.7522	1.8031

Table 4: Drywall 1 cm Contamination Thickness 10x10x10 ft and 50x50x10 ft rooms

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ac-223	0.2908	0.2351	0.2803	0.3066	0.2464	0.2109	0.2692	0.2931
Ac-224	2.8208	2.4175	2.7688	2.9244	2.8213	2.6894	3.0091	3.0309
Ac-225	0.3980	0.3300	0.3851	0.4175	0.3359	0.2877	0.3633	0.3972
Ac-226	1.2628	1.0779	1.2398	1.3090	1.2831	1.2262	1.3623	1.3751
Ac-227	0.0880	0.0670	0.0833	0.0945	0.0599	0.0424	0.0680	0.0818
Ac-228	1.9048	1.5575	1.8558	1.9818	1.9838	1.8850	2.1268	2.1562
Ac-230	0.8146	0.6575	0.7908	0.8483	0.8424	0.7923	0.9092	0.9272
Ac-231	2.7642	2.3504	2.7171	2.8629	2.9063	2.8202	3.0859	3.1048
Ac-232	1.3044	1.0397	1.2641	1.3581	1.3819	1.3053	1.4962	1.5157
Ac-233	1.2133	0.9817	1.1847	1.2636	1.3255	1.2763	1.4212	1.4242
Ag-100m	2.2034	1.7546	2.1460	2.2888	2.5150	2.4583	2.7056	2.6576
Ag-101	1.8744	1.5634	1.8391	1.9393	2.0665	2.0320	2.1946	2.1878
Ag-102m	1.3628	1.0845	1.3240	1.4138	1.5396	1.4952	1.6642	1.6452
Ag-102	3.3100	2.6585	3.2273	3.4352	3.7485	3.6650	4.0240	3.9648
Ag-103	2.0825	1.8008	2.0515	2.1453	2.2192	2.1892	2.3459	2.3362
Ag-104	4.0950	3.3409	4.0013	4.2444	4.5680	4.4829	4.8751	4.8065
Ag-104m	1.6534	1.3549	1.6159	1.7122	1.8364	1.7943	1.9635	1.9520
Ag-105	2.1965	1.9012	2.1635	2.2622	2.3216	2.2943	2.4423	2.4729
Ag-105m	0.0353	0.0251	0.0331	0.0384	0.0238	0.0165	0.0278	0.0331
Ag-106	0.4059	0.3581	0.3999	0.4166	0.4126	0.4066	0.4311	0.4408
Ag-106m	4.9940	4.0967	4.8850	5.1745	5.5532	5.4497	5.9292	5.8580
Ag-108	0.0432	0.0368	0.0424	0.0446	0.0460	0.0452	0.0486	0.0489
Ag-108m	3.7950	3.1511	3.7202	3.9288	4.1798	4.1065	4.4512	4.3981
Ag-109m	0.2824	0.2623	0.2790	0.2881	0.2576	0.2507	0.2647	0.2793
Ag-110	0.0575	0.0466	0.0562	0.0597	0.0649	0.0635	0.0694	0.0684
Ag-110m	3.8867	3.1007	3.7893	4.0395	4.4379	4.3491	4.7612	4.6597
Ag-111	0.1080	0.0906	0.1062	0.1118	0.1195	0.1179	0.1269	0.1274
Ag-111m	0.1618	0.1465	0.1588	0.1662	0.1425	0.1350	0.1478	0.1592
Ag-112	0.8826	0.7052	0.8604	0.9168	1.0066	0.9824	1.0828	1.0680
Ag-113m	0.7833	0.6548	0.7689	0.8120	0.8518	0.8340	0.9061	0.9118
Ag-113	0.2400	0.2002	0.2358	0.2487	0.2666	0.2625	0.2827	0.2849
Ag-114	0.3675	0.2956	0.3588	0.3816	0.4174	0.4074	0.4482	0.4429
Ag-115	0.8433	0.6954	0.8261	0.8735	0.9431	0.9254	1.0095	0.9965
Ag-116	2.1185	1.6868	2.0622	2.1995	2.4186	2.3563	2.6071	2.5679
Ag-117	1.6461	1.3510	1.6094	1.7043	1.8446	1.8043	1.9824	1.9542
Ag-99	2.3337	1.9105	2.2833	2.4188	2.6161	2.5695	2.7908	2.7629
Al-26	1.1406	0.8774	1.1016	1.1849	1.3259	1.2839	1.4497	1.4282
Al-28	1.1111	0.8549	1.0732	1.1541	1.2923	1.2516	1.4123	1.3917
Al-29	1.1821	0.9204	1.1460	1.2291	1.3661	1.3432	1.4837	1.4540

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Am-237	2.9254	2.5015	2.8702	3.0309	2.9392	2.8081	3.1208	3.1755
Am-238	2.7935	2.3437	2.7319	2.8974	2.8613	2.7329	3.0533	3.0811
Am-239	3.4320	2.9506	3.3633	3.5585	3.3166	3.1254	3.5260	3.6151
Am-240	3.0164	2.5155	2.9435	3.1326	3.0419	2.8803	3.2508	3.3079
Am-241	0.9724	0.8935	0.9745	0.9953	1.0277	1.0307	1.0455	1.0383
Am-242	0.4877	0.4206	0.4755	0.5066	0.4261	0.3851	0.4530	0.4860
Am-242m	0.3126	0.2627	0.3014	0.3276	0.2376	0.1966	0.2558	0.2946
Am-243	1.0625	0.9430	1.0489	1.0935	1.0556	1.0265	1.1139	1.1063
Am-244	2.6271	2.1922	2.5607	2.7306	2.5860	2.4372	2.7566	2.8264
Am-244m	0.1735	0.1479	0.1683	0.1807	0.1440	0.1266	0.1537	0.1701
Am-245	0.3674	0.3163	0.3606	0.3804	0.3640	0.3469	0.3864	0.3946
Am-246	3.6986	3.1265	3.6131	3.8399	3.6130	3.4089	3.8495	3.9562
Am-246m	1.5979	1.2913	1.5549	1.6617	1.7128	1.6492	1.8384	1.8398
Am-247	1.3453	1.1581	1.3218	1.3923	1.3580	1.3041	1.4414	1.4639
Ar-37	0.0386	0.0264	0.0358	0.0423	0.0236	0.0145	0.0285	0.0350
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	1.1653	0.9084	1.1302	1.2119	1.3459	1.3245	1.4605	1.4322
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	1.4217	1.1178	1.3808	1.4775	1.6356	1.5971	1.7678	1.7335
Ar-44	2.2839	1.8547	2.2294	2.3669	2.5809	2.5252	2.7821	2.7222
As-68	2.8103	2.2162	2.7319	2.9215	3.2233	3.1466	3.4784	3.4160
As-69	0.4901	0.4001	0.4778	0.5112	0.5106	0.4874	0.5501	0.5524
As-70	3.7193	2.9339	3.6149	3.8693	4.2313	4.1215	4.5688	4.5022
As-71	1.9935	1.6125	1.9349	2.0935	1.9363	1.7890	2.1011	2.1462
As-72	1.2637	0.9958	1.2274	1.3188	1.3984	1.3539	1.5050	1.4768
As-73	1.4804	1.0442	1.3822	1.6144	0.9526	0.6264	1.1266	1.3600
As-74	1.1510	0.9038	1.1143	1.2089	1.1810	1.1008	1.2829	1.3117
As-76	0.7380	0.5964	0.7214	0.7664	0.8358	0.8164	0.8954	0.8857
As-77	0.0408	0.0344	0.0401	0.0422	0.0445	0.0436	0.0471	0.0470
As-78	1.6549	1.3196	1.6128	1.7194	1.8891	1.8477	2.0324	1.9992
As-79	0.0753	0.0615	0.0737	0.0781	0.0847	0.0833	0.0907	0.0891
At-204	5.3494	4.3919	5.2336	5.5579	5.8149	5.6391	6.2246	6.1710
At-205	2.8178	2.3370	2.7543	2.9285	2.9346	2.8143	3.1454	3.1378
At-206	5.5190	4.5368	5.3998	5.7318	6.0040	5.8337	6.4307	6.3555
At-207	4.3046	3.5394	4.2042	4.4734	4.5744	4.4075	4.9066	4.8791
At-208	6.6563	5.4620	6.5050	6.9160	7.1817	6.9481	7.6963	7.6193
At-209	6.1020	5.0349	5.9660	6.3410	6.4863	6.2634	6.9390	6.8729
At-210	5.1570	4.2082	5.0286	5.3608	5.5074	5.3018	5.9224	5.9250
At-211	0.7121	0.6071	0.6963	0.7409	0.6695	0.6228	0.7182	0.7323
At-215	0.0006	0.0005	0.0006	0.0006	0.0007	0.0006	0.0007	0.0007

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
At-216	0.0365	0.0313	0.0358	0.0379	0.0357	0.0338	0.0381	0.0385
At-217	0.0015	0.0012	0.0014	0.0015	0.0015	0.0015	0.0016	0.0016
At-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-220	2.0169	1.6957	1.9827	2.0896	2.1914	2.1428	2.3263	2.3284
Au-186	3.2276	2.6895	3.1612	3.3514	3.4258	3.3215	3.6649	3.6428
Au-187	2.6281	2.1521	2.5571	2.7428	2.6289	2.4733	2.8360	2.8795
Au-190	3.7106	3.0484	3.6225	3.8544	3.9649	3.8245	4.2523	4.2782
Au-191	3.2891	2.7429	3.2146	3.4253	3.3093	3.1414	3.5448	3.5909
Au-192	3.4654	2.8468	3.3823	3.6016	3.6779	3.5419	3.9463	3.9797
Au-193	2.1523	1.8179	2.1038	2.2418	2.0737	1.9470	2.2199	2.2637
Au-193m	1.6251	1.3339	1.5818	1.7012	1.5765	1.4598	1.6932	1.7649
Au-194	2.8389	2.3518	2.7740	2.9519	2.9545	2.8372	3.1646	3.2021
Au-195	1.8975	1.5744	1.8428	1.9891	1.7036	1.5393	1.8416	1.9245
Au-195m	1.6398	1.3466	1.5961	1.7163	1.5907	1.4732	1.7081	1.7818
Au-196	2.6583	2.2287	2.6041	2.7628	2.7424	2.6397	2.9308	2.9627
Au-196m	3.5930	2.9687	3.4936	3.7642	3.3606	3.0741	3.6332	3.7574
Au-198	1.2099	1.0004	1.1872	1.2552	1.3432	1.3198	1.4430	1.4098
Au-198m	5.3870	4.5546	5.2807	5.5992	5.4714	5.2491	5.8531	5.8502
Au-199	1.1007	0.9330	1.0794	1.1439	1.1156	1.0640	1.1892	1.1876
Au-200	0.4524	0.3667	0.4420	0.4697	0.5078	0.4991	0.5463	0.5395
Au-200m	6.2001	5.1374	6.0798	6.4342	6.7923	6.6291	7.2435	7.1846
Au-201	0.1598	0.1276	0.1545	0.1681	0.1516	0.1374	0.1650	0.1720
Au-202	0.2836	0.2291	0.2770	0.2946	0.3197	0.3133	0.3438	0.3377
Ba-124	1.5154	1.3227	1.4910	1.5595	1.5713	1.5251	1.6477	1.6573
Ba-126	1.9077	1.6401	1.8747	1.9667	2.0183	1.9641	2.1237	2.1368
Ba-127	0.8366	0.7419	0.8242	0.8590	0.8509	0.8238	0.8900	0.8972
Ba-128	0.7737	0.7046	0.7631	0.7913	0.7501	0.7180	0.7705	0.8024
Ba-129	0.8992	0.8018	0.8853	0.9230	0.8957	0.8609	0.9337	0.9541
Ba-129m	3.8629	3.2368	3.7848	3.9977	4.1676	4.0566	4.4359	4.4032
Ba-131	2.4185	2.1034	2.3815	2.4910	2.5385	2.4687	2.6737	2.6852
Ba-131m	1.2007	1.0614	1.1832	1.2367	1.2058	1.1663	1.2679	1.2687
Ba-133	2.6409	2.3209	2.6033	2.7164	2.7336	2.6684	2.8658	2.8910
Ba-133m	0.7798	0.6785	0.7624	0.8072	0.7278	0.6756	0.7627	0.8061
Ba-135m	0.6393	0.5753	0.6297	0.6555	0.6247	0.5982	0.6448	0.6688
Ba-137m	1.1472	0.9323	1.1217	1.1907	1.2902	1.2606	1.3779	1.3595
Ba-139	0.3954	0.3432	0.3904	0.4078	0.4255	0.4181	0.4485	0.4378
Ba-140	0.7700	0.6315	0.7491	0.8042	0.7645	0.7129	0.8205	0.8454
Ba-141	2.5057	2.0901	2.4599	2.5946	2.7779	2.7327	2.9593	2.9307
Ba-142	2.1028	1.7400	2.0597	2.1775	2.3301	2.2869	2.4831	2.4554

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.1242	0.1019	0.1218	0.1289	0.1394	0.1364	0.1490	0.1473
Bi-197	3.1866	2.6020	3.1055	3.3175	3.3379	3.1945	3.5911	3.5865
Bi-200	6.2732	5.1791	6.1394	6.5159	6.7499	6.5402	7.2324	7.1853
Bi-201	3.2230	2.6328	3.1411	3.3531	3.3915	3.2508	3.6499	3.6378
Bi-202	5.7689	4.7204	5.6367	5.9951	6.2542	6.0604	6.7117	6.6475
Bi-203	3.9314	3.1983	3.8306	4.0887	4.1935	4.0334	4.5135	4.4821
Bi-204	5.8182	4.7459	5.6792	6.0490	6.2869	6.0845	6.7508	6.6921
Bi-205	3.0244	2.4614	2.9448	3.1487	3.1700	3.0234	3.4171	3.4222
Bi-206	6.7392	5.5076	6.5813	7.0048	7.2842	7.0539	7.8069	7.7233
Bi-207	3.4559	2.8263	3.3723	3.5953	3.6667	3.5185	3.9396	3.9401
Bi-208	1.9083	1.5099	1.8423	1.9893	1.9904	1.8618	2.1760	2.1840
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.3414	1.1290	1.3184	1.3906	1.4440	1.4093	1.5301	1.5479
Bi-211	0.2076	0.1737	0.2037	0.2153	0.2234	0.2182	0.2384	0.2393
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	0.2524	0.1970	0.2428	0.2662	0.2374	0.2119	0.2594	0.2726
Bi-213	0.4011	0.3326	0.3933	0.4162	0.4374	0.4265	0.4687	0.4623
Bi-214	1.5933	1.2631	1.5502	1.6556	1.8197	1.7752	1.9640	1.9346
Bi-215	0.9891	0.8289	0.9703	1.0259	1.0537	1.0240	1.1214	1.1291
Bi-216	1.8120	1.4848	1.7752	1.8808	2.0221	1.9744	2.1641	2.1391
Bk-245	2.9015	2.5092	2.8506	3.0020	2.8848	2.7584	3.0629	3.1090
Bk-246	2.8819	2.4164	2.8145	2.9920	2.8884	2.7461	3.0815	3.1237
Bk-247	1.4650	1.2736	1.4448	1.5118	1.5229	1.4894	1.6109	1.5993
Bk-248m	0.6219	0.5362	0.6089	0.6444	0.5904	0.5539	0.6278	0.6498
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	1.3422	1.0781	1.3052	1.3958	1.4568	1.4034	1.5661	1.5694
Bk-251	1.4864	1.2843	1.4572	1.5398	1.4305	1.3486	1.5241	1.5639
Br-72	2.3228	1.8413	2.2594	2.4161	2.6283	2.5642	2.8317	2.7780
Br-73	1.4028	1.1757	1.3758	1.4535	1.5016	1.4602	1.5994	1.5913
Br-74	2.5887	2.0421	2.5112	2.6889	2.9366	2.8430	3.1844	3.1282
Br-74m	3.2537	2.5799	3.1640	3.3824	3.6868	3.5831	3.9791	3.9174
Br-75	1.8789	1.5579	1.8405	1.9533	2.0062	1.9390	2.1374	2.1735
Br-76	2.4530	1.9350	2.3785	2.5585	2.6719	2.5468	2.8957	2.9025
Br-76m	1.2862	1.0878	1.2457	1.3451	1.0529	0.8883	1.1294	1.2572
Br-77	1.6006	1.2788	1.5474	1.6846	1.5020	1.3454	1.6310	1.7294
Br-77m	0.6277	0.5103	0.6041	0.6623	0.5055	0.4109	0.5518	0.6219
Br-78	0.2151	0.1710	0.2087	0.2253	0.2218	0.2070	0.2399	0.2457
Br-80	0.1391	0.1101	0.1347	0.1460	0.1400	0.1290	0.1518	0.1568
Br-80m	1.1044	0.9183	1.0629	1.1609	0.8458	0.6708	0.9120	1.0587

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Br-82m	0.4652	0.3655	0.4424	0.4959	0.3235	0.2261	0.3603	0.4407
Br-82	3.9651	3.1761	3.8690	4.1201	4.5168	4.4279	4.8411	4.7419
Br-83	0.0156	0.0127	0.0153	0.0162	0.0175	0.0170	0.0187	0.0186
Br-84m	3.5805	2.8610	3.4903	3.7195	4.0816	4.0018	4.3963	4.3006
Br-84	1.2798	1.0009	1.2409	1.3295	1.4773	1.4407	1.5997	1.5582
Br-85	0.0874	0.0696	0.0851	0.0908	0.0999	0.0981	0.1071	0.1042
C-10	1.2100	0.9713	1.1815	1.2574	1.3779	1.3530	1.4731	1.4357
C-11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0689	0.0472	0.0639	0.0756	0.0422	0.0259	0.0508	0.0625
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	1.0323	0.8092	1.0024	1.0733	1.1889	1.1694	1.2871	1.2616
Ca-49	1.0459	0.7909	1.0031	1.0836	1.2290	1.1841	1.3560	1.3057
Cd-101	2.4394	2.0302	2.3879	2.5201	2.6848	2.6385	2.8670	2.8238
Cd-102	2.0088	1.7119	1.9739	2.0722	2.1519	2.1108	2.2789	2.2801
Cd-103	1.8871	1.5583	1.8409	1.9488	2.0596	2.0104	2.2038	2.2004
Cd-104	1.5766	1.4165	1.5588	1.6141	1.6009	1.5866	1.6706	1.6713
Cd-105	1.3079	1.0920	1.2781	1.3495	1.4117	1.3801	1.5044	1.5100
Cd-107	0.7824	0.7373	0.7744	0.7951	0.7117	0.6973	0.7255	0.7702
Cd-109	0.7253	0.6838	0.7177	0.7371	0.6557	0.6413	0.6682	0.7116
Cd-111m	1.9692	1.7025	1.9429	2.0310	2.1111	2.0737	2.2200	2.2236
Cd-113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0007	0.0006	0.0006	0.0007	0.0006	0.0006	0.0007	0.0007
Cd-115	0.4845	0.4001	0.4751	0.5022	0.5395	0.5266	0.5744	0.5720
Cd-115m	0.0403	0.0319	0.0392	0.0419	0.0462	0.0453	0.0497	0.0487
Cd-117	1.6744	1.3635	1.6368	1.7363	1.8846	1.8507	2.0183	2.0007
Cd-117m	1.8920	1.4903	1.8379	1.9656	2.1735	2.1219	2.3515	2.3104
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	2.0029	1.6194	1.9545	2.0772	2.2656	2.2178	2.4345	2.4173
Cd-119m	2.2349	1.7674	2.1725	2.3214	2.5609	2.5027	2.7682	2.7180
Ce-130	2.4056	2.1014	2.3691	2.4766	2.5069	2.4420	2.6384	2.6442
Ce-131	2.7645	2.3172	2.7082	2.8616	2.9663	2.8818	3.1583	3.1423
Ce-132	2.3544	2.0630	2.3220	2.4242	2.4649	2.4102	2.5911	2.5717
Ce-133	1.8720	1.6893	1.8494	1.9177	1.8755	1.8291	1.9475	1.9497
Ce-133m	3.7534	3.1731	3.6812	3.8752	4.0459	3.9458	4.2904	4.2704
Ce-134	0.6160	0.5706	0.6073	0.6286	0.5701	0.5416	0.5817	0.6083
Ce-135	2.8188	2.3997	2.7692	2.9110	3.0176	2.9437	3.1818	3.1966
Ce-137	0.7511	0.6680	0.7342	0.7750	0.6651	0.6102	0.6916	0.7368
Ce-137m	0.6341	0.5709	0.6244	0.6503	0.6129	0.5880	0.6334	0.6531
Ce-139	1.8415	1.6288	1.8168	1.8941	1.8941	1.8422	1.9801	1.9702

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ce-141	0.8499	0.7451	0.8396	0.8753	0.9024	0.8851	0.9519	0.9355
Ce-143	1.4713	1.2835	1.4492	1.5144	1.5346	1.5011	1.6067	1.6251
Ce-144	0.2529	0.2242	0.2498	0.2599	0.2623	0.2567	0.2766	0.2743
Ce-145	2.3133	1.9745	2.2709	2.3862	2.4564	2.4005	2.5896	2.5772
Cf-244	0.1085	0.0930	0.1050	0.1131	0.0841	0.0715	0.0896	0.1024
Cf-246	0.0746	0.0640	0.0722	0.0777	0.0579	0.0493	0.0617	0.0704
Cf-247	2.0156	1.7338	1.9693	2.0928	1.8489	1.7078	1.9724	2.0685
Cf-248	0.0894	0.0767	0.0866	0.0932	0.0696	0.0594	0.0741	0.0845
Cf-249	1.4085	1.1813	1.3806	1.4611	1.4788	1.4319	1.5813	1.5892
Cf-250	0.0809	0.0689	0.0785	0.0843	0.0674	0.0593	0.0719	0.0796
Cf-251	1.7102	1.4765	1.6780	1.7710	1.6731	1.5894	1.7782	1.8130
Cf-252	0.6610	0.5405	0.6452	0.6857	0.7221	0.7005	0.7744	0.7704
Cf-253	0.2410	0.2045	0.2329	0.2518	0.1866	0.1583	0.1999	0.2271
Cf-254	21.8142	17.7355	21.3115	22.6135	24.6162	24.1114	26.4160	25.9766
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34m	1.3601	1.1021	1.3257	1.4084	1.5385	1.5003	1.6629	1.6234
Cl-36	0.0005	0.0004	0.0005	0.0006	0.0003	0.0002	0.0004	0.0005
Cl-38	0.8156	0.6258	0.7870	0.8470	0.9500	0.9186	1.0397	1.0227
Cl-39	1.7662	1.4172	1.7223	1.8331	2.0092	1.9721	2.1593	2.1361
Cl-40	2.1681	1.6726	2.0940	2.2510	2.5201	2.4463	2.7475	2.6874
Cm-238	1.3854	1.2038	1.3608	1.4330	1.3539	1.2877	1.4372	1.4595
Cm-239	3.0500	2.6357	3.0007	3.1540	3.1171	3.0108	3.3125	3.3049
Cm-240	0.1244	0.1061	0.1203	0.1299	0.0954	0.0792	0.1019	0.1176
Cm-241	3.2845	2.7829	3.2128	3.4104	3.2274	3.0409	3.4450	3.5297
Cm-242	0.1117	0.0952	0.1080	0.1166	0.0856	0.0711	0.0915	0.1055
Cm-243	1.7130	1.4585	1.6750	1.7802	1.6381	1.5312	1.7462	1.8060
Cm-244	0.0959	0.0818	0.0927	0.1001	0.0735	0.0610	0.0785	0.0906
Cm-245	1.8039	1.5595	1.7692	1.8684	1.7407	1.6416	1.8489	1.8889
Cm-246	0.0811	0.0690	0.0785	0.0846	0.0639	0.0538	0.0683	0.0778
Cm-247	1.0299	0.8564	1.0115	1.0678	1.1397	1.1211	1.2225	1.1965
Cm-248	1.7723	1.4438	1.7307	1.8377	1.9739	1.9252	2.1179	2.0927
Cm-249	0.1657	0.1207	0.1564	0.1787	0.1260	0.0972	0.1441	0.1634
Cm-250	17.2172	13.9977	16.8200	17.8482	19.4239	19.0236	20.8453	20.5002
Cm-251	0.3971	0.3323	0.3890	0.4120	0.4170	0.4014	0.4452	0.4480
Co-54m	3.5120	2.7957	3.4206	3.6489	4.0094	3.9343	4.3326	4.2479
Co-55	1.6272	1.2862	1.5818	1.6950	1.8255	1.7734	1.9685	1.9416
Co-56	3.1805	2.4701	3.0774	3.3185	3.5469	3.4239	3.8515	3.7957
Co-57	1.9520	1.6111	1.8988	2.0452	1.8552	1.7043	2.0208	2.0836
Co-58	1.4491	1.1295	1.4022	1.5200	1.5328	1.4577	1.6567	1.6432

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Co-58m	0.2760	0.1891	0.2562	0.3027	0.1691	0.1037	0.2036	0.2506
Co-60	2.3668	1.8485	2.2965	2.4614	2.7310	2.6827	2.9601	2.9055
Co-60m	0.3259	0.2282	0.3039	0.3558	0.2098	0.1379	0.2488	0.2999
Co-61	0.9819	0.8745	0.9726	1.0078	1.0244	1.0152	1.0741	1.0517
Co-62	1.3636	1.0635	1.3222	1.4177	1.5747	1.5418	1.7084	1.6761
Co-62m	2.4316	1.8988	2.3588	2.5283	2.8062	2.7494	3.0429	2.9870
Cr-48	2.8509	2.4183	2.8036	2.9543	3.0439	2.9748	3.2401	3.2480
Cr-49	1.2960	1.1400	1.2830	1.3337	1.3868	1.3764	1.4619	1.4127
Cr-51	0.2888	0.2180	0.2753	0.3087	0.2426	0.2037	0.2710	0.3003
Cr-55	0.0005	0.0004	0.0005	0.0005	0.0006	0.0006	0.0006	0.0006
Cr-56	1.5345	1.3611	1.5155	1.5793	1.5487	1.5151	1.6348	1.6095
Cs-121	0.9680	0.8252	0.9526	0.9996	1.0512	1.0307	1.1127	1.1000
Cs-121m	1.8285	1.5588	1.7993	1.8889	1.9821	1.9452	2.1020	2.0756
Cs-123	1.3186	1.1406	1.2981	1.3579	1.4011	1.3716	1.4745	1.4671
Cs-124	0.4995	0.4157	0.4897	0.5170	0.5508	0.5400	0.5869	0.5858
Cs-125	1.0802	0.9315	1.0617	1.1126	1.1399	1.1061	1.1999	1.2070
Cs-126	0.8226	0.6878	0.8070	0.8512	0.9021	0.8837	0.9625	0.9508
Cs-127	1.7325	1.5030	1.7052	1.7842	1.8218	1.7736	1.9220	1.9247
Cs-128	0.5673	0.4853	0.5572	0.5850	0.6032	0.5861	0.6375	0.6386
Cs-129	1.5545	1.3763	1.5315	1.5958	1.5864	1.5370	1.6562	1.6840
Cs-130m	1.3108	1.1836	1.2929	1.3447	1.2721	1.2241	1.3245	1.3422
Cs-130	0.3679	0.3369	0.3628	0.3755	0.3543	0.3377	0.3633	0.3790
Cs-131	0.5336	0.5015	0.5272	0.5426	0.4924	0.4659	0.4987	0.5283
Cs-132	1.7773	1.5044	1.7427	1.8346	1.9054	1.8493	2.0108	2.0146
Cs-134	2.6941	2.1689	2.6319	2.7990	3.0612	3.0023	3.2727	3.2012
Cs-134m	0.5541	0.4727	0.5392	0.5773	0.4978	0.4503	0.5317	0.5637
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	2.3908	1.9100	2.3317	2.4851	2.7279	2.6866	2.9135	2.8151
Cs-136	3.6444	2.9623	3.5622	3.7815	4.1065	4.0373	4.3889	4.3069
Cs-137	1.3552	1.0923	1.3231	1.4125	1.5371	1.5129	1.6409	1.5954
Cs-138m	1.0834	0.9243	1.0623	1.1183	1.1385	1.1025	1.2060	1.2097
Cs-138	2.3075	1.8260	2.2435	2.3967	2.6429	2.5804	2.8570	2.8104
Cs-139	0.2348	0.1833	0.2276	0.2439	0.2710	0.2647	0.2942	0.2887
Cs-140	1.5728	1.2424	1.5286	1.6336	1.8047	1.7573	1.9510	1.9188
Cu-57	0.1226	0.0963	0.1191	0.1276	0.1409	0.1379	0.1523	0.1494
Cu-59	0.6046	0.4833	0.5893	0.6284	0.6848	0.6715	0.7369	0.7257
Cu-60	2.3298	1.8116	2.2565	2.4229	2.6772	2.6095	2.9092	2.8560
Cu-61	0.6081	0.4819	0.5887	0.6390	0.6050	0.5615	0.6567	0.6777
Cu-62	0.0153	0.0112	0.0145	0.0164	0.0132	0.0110	0.0149	0.0161
Cu-64	0.1707	0.1175	0.1586	0.1869	0.1075	0.0683	0.1288	0.1568

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Cu-66	0.1164	0.0917	0.1132	0.1211	0.1337	0.1307	0.1442	0.1419
Cu-67	1.1163	0.9528	1.0984	1.1566	1.1792	1.1524	1.2573	1.2306
Cu-69	0.7022	0.5581	0.6840	0.7299	0.8031	0.7860	0.8631	0.8470
Dy-148	2.0135	1.6967	1.9735	2.0836	2.1281	2.0637	2.2624	2.2582
Dy-149	3.1228	2.6245	3.0570	3.2293	3.3133	3.2252	3.5284	3.4940
Dy-150	1.2928	1.1056	1.2703	1.3363	1.3501	1.3169	1.4384	1.4217
Dy-151	3.0096	2.4981	2.9412	3.1218	3.1837	3.0789	3.4047	3.3916
Dy-152	2.1027	1.8174	2.0704	2.1712	2.1860	2.1298	2.3004	2.3213
Dy-153	3.6853	3.1801	3.6212	3.8042	3.7856	3.6799	4.0074	3.9980
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	2.6295	2.2520	2.5838	2.7164	2.7550	2.6870	2.9206	2.9069
Dy-157	2.1351	1.8386	2.0996	2.2056	2.2177	2.1640	2.3428	2.3750
Dy-159	0.9969	0.8923	0.9805	1.0257	0.9338	0.8926	0.9791	0.9955
Dy-165m	0.3113	0.2463	0.2986	0.3302	0.2575	0.2191	0.2847	0.3082
Dy-165	0.1948	0.1696	0.1917	0.2011	0.1970	0.1912	0.2084	0.2074
Dy-166	0.8477	0.7355	0.8302	0.8789	0.7929	0.7475	0.8444	0.8580
Dy-167	1.9213	1.6113	1.8863	1.9905	2.0786	2.0281	2.2072	2.2135
Dy-168	1.8113	1.5324	1.7781	1.8764	1.9112	1.8562	2.0386	2.0217
Er-154	1.1454	1.0079	1.1215	1.1845	1.0378	0.9652	1.0959	1.1397
Er-156	1.5667	1.3254	1.5214	1.6365	1.3643	1.2282	1.4647	1.5469
Er-159	2.5098	2.1074	2.4582	2.5999	2.6455	2.5622	2.8218	2.8108
Er-161	2.6291	2.1988	2.5716	2.7260	2.7497	2.6623	2.9324	2.9083
Er-163	0.8685	0.7690	0.8532	0.8961	0.8136	0.7731	0.8589	0.8728
Er-165	0.8408	0.7433	0.8255	0.8679	0.7852	0.7447	0.8294	0.8439
Er-167m	0.9050	0.7671	0.8873	0.9397	0.9244	0.8906	0.9899	0.9876
Er-169	0.0080	0.0055	0.0074	0.0088	0.0049	0.0030	0.0059	0.0073
Er-171	2.3563	2.0054	2.3160	2.4403	2.4809	2.4165	2.6345	2.6606
Er-172	2.0158	1.7000	1.9768	2.0889	2.1119	2.0446	2.2556	2.2431
Er-173	3.6385	3.0847	3.5740	3.7673	3.8715	3.7820	4.1340	4.0625
Es-249	2.5217	2.1559	2.4748	2.6107	2.5658	2.4683	2.7356	2.7558
Es-250	6.9601	5.9259	6.8078	7.2182	6.7924	6.4269	7.2329	7.4282
Es-250m	2.1753	1.8491	2.1306	2.2528	2.2016	2.1072	2.3495	2.3769
Es-251	1.8568	1.6015	1.8172	1.9256	1.7402	1.6212	1.8556	1.9272
Es-253	0.0304	0.0257	0.0294	0.0318	0.0237	0.0201	0.0255	0.0289
Es-254	1.0986	0.9081	1.0562	1.1559	0.8271	0.6754	0.8980	1.0342
Es-254m	1.2167	1.0042	1.1873	1.2639	1.2634	1.2081	1.3486	1.3660
Es-255	0.0009	0.0007	0.0009	0.0009	0.0010	0.0010	0.0011	0.0011
Es-256	0.1411	0.1226	0.1370	0.1466	0.1123	0.0980	0.1189	0.1338
Eu-142	0.2910	0.2358	0.2835	0.3016	0.3231	0.3155	0.3461	0.3395
Eu-142m	4.1704	3.3395	4.0645	4.3386	4.6645	4.5402	5.0046	4.9361

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Eu-143	0.5170	0.4329	0.5050	0.5339	0.5495	0.5342	0.5858	0.5830
Eu-144	0.2289	0.1899	0.2231	0.2365	0.2448	0.2371	0.2616	0.2607
Eu-145	2.1375	1.7802	2.0891	2.2106	2.2957	2.2362	2.4423	2.4194
Eu-146	3.9782	3.2580	3.8871	4.1236	4.3950	4.2952	4.6908	4.6223
Eu-147	2.1646	1.8809	2.1290	2.2305	2.2373	2.1856	2.3625	2.3481
Eu-148	4.6467	3.8306	4.5479	4.8154	5.1190	4.9948	5.4599	5.4148
Eu-149	0.9380	0.8263	0.9190	0.9683	0.8695	0.8229	0.9117	0.9437
Eu-150	4.3570	3.6413	4.2737	4.5109	4.7510	4.6545	5.0540	5.0354
Eu-150m	0.1778	0.1533	0.1747	0.1834	0.1848	0.1806	0.1951	0.1958
Eu-152	2.7265	2.2917	2.6718	2.8194	2.9297	2.8646	3.1185	3.0974
Eu-152m	0.7295	0.6158	0.7148	0.7539	0.7757	0.7573	0.8231	0.8153
Eu-152n	1.3321	1.1418	1.3056	1.3834	1.2945	1.2359	1.3820	1.3795
Eu-154	2.3863	1.9665	2.3344	2.4736	2.6267	2.5692	2.8147	2.7737
Eu-154m	1.4384	1.2275	1.4042	1.4970	1.3341	1.2428	1.4228	1.4608
Eu-155	0.9516	0.8399	0.9396	0.9800	0.9732	0.9563	1.0275	1.0053
Eu-156	1.4149	1.1344	1.3769	1.4693	1.5788	1.5394	1.7021	1.6739
Eu-157	1.6858	1.4463	1.6538	1.7444	1.6976	1.6350	1.8017	1.8123
Eu-158	1.8889	1.5234	1.8402	1.9628	2.0831	2.0268	2.2385	2.2061
Eu-159	1.8498	1.6248	1.8216	1.9044	1.8691	1.8216	1.9680	1.9563
F-17	0.0004	0.0003	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005
F-18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-52	1.5847	1.3466	1.5585	1.6431	1.6813	1.6340	1.7881	1.7543
Fe-53	0.5418	0.4480	0.5316	0.5622	0.6012	0.5912	0.6450	0.6361
Fe-53m	3.4468	2.7228	3.3528	3.5833	3.9552	3.8726	4.2636	4.1831
Fe-55	0.2288	0.1568	0.2124	0.2510	0.1401	0.0859	0.1688	0.2078
Fe-59	1.2617	0.9930	1.2261	1.3118	1.4500	1.4236	1.5680	1.5393
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	1.7110	1.3670	1.6670	1.7770	1.9501	1.9119	2.0999	2.0744
Fe-62	1.1858	0.9694	1.1618	1.2307	1.3337	1.3012	1.4233	1.4135
Fm-251	1.7677	1.5097	1.7298	1.8355	1.7062	1.6054	1.8262	1.8731
Fm-252	0.0756	0.0655	0.0734	0.0786	0.0598	0.0520	0.0635	0.0716
Fm-253	1.4461	1.2433	1.4111	1.5021	1.3006	1.1917	1.3874	1.4698
Fm-254	0.0852	0.0733	0.0827	0.0886	0.0704	0.0622	0.0748	0.0828
Fm-255	0.8594	0.7275	0.8303	0.8987	0.6638	0.5584	0.7122	0.8114
Fm-256	16.2345	13.2019	15.8610	16.8295	18.3134	17.9371	19.6494	19.3253
Fm-257	1.8549	1.6006	1.8176	1.9216	1.7813	1.6804	1.8948	1.9520
Fr-212	3.0595	2.5365	2.9878	3.1810	3.1532	3.0109	3.3847	3.4065
Fr-219	0.0153	0.0128	0.0150	0.0158	0.0164	0.0160	0.0175	0.0175
Fr-220	0.2352	0.1959	0.2282	0.2463	0.2059	0.1814	0.2224	0.2372
Fr-221	0.2379	0.2027	0.2339	0.2464	0.2498	0.2427	0.2662	0.2647

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Fr-222	1.5015	1.2731	1.4707	1.5589	1.5037	1.4264	1.6082	1.6301
Fr-223	0.9876	0.8616	0.9678	1.0221	0.9150	0.8493	0.9706	1.0063
Fr-224	1.5859	1.3228	1.5525	1.6455	1.6781	1.6193	1.7973	1.7932
Fr-227	2.4213	2.0655	2.3789	2.5063	2.5093	2.4256	2.6695	2.6557
Ga-64	1.7006	1.3245	1.6472	1.7676	1.9590	1.9060	2.1256	2.0793
Ga-65	1.5517	1.2972	1.5169	1.6162	1.5656	1.4893	1.6838	1.6886
Ga-66	1.3140	0.9976	1.2616	1.3777	1.4008	1.3111	1.5398	1.5451
Ga-67	1.8536	1.4825	1.7911	1.9560	1.6971	1.5291	1.8567	1.9351
Ga-68	0.0996	0.0727	0.0944	0.1068	0.0845	0.0702	0.0955	0.1042
Ga-70	0.0147	0.0116	0.0142	0.0153	0.0154	0.0146	0.0167	0.0168
Ga-72	2.6294	2.0745	2.5559	2.7327	3.0188	2.9507	3.2533	3.1732
Ga-73	2.1764	1.7209	2.1010	2.2971	2.0406	1.8447	2.2236	2.3651
Ga-74	2.8859	2.2833	2.8058	2.9972	3.3081	3.2198	3.5747	3.5195
Gd-142	1.2508	1.0570	1.2266	1.2927	1.3359	1.3045	1.4185	1.4114
Gd-143m	3.3389	2.7994	3.2734	3.4543	3.6093	3.5289	3.8319	3.8221
Gd-144	0.8019	0.6840	0.7851	0.8273	0.8297	0.8042	0.8801	0.8826
Gd-145m	1.3807	1.1103	1.3436	1.4405	1.4706	1.4111	1.5788	1.5734
Gd-145	1.8580	1.5059	1.8060	1.9232	2.0404	1.9769	2.1987	2.1776
Gd-146	3.6382	3.2320	3.5906	3.7411	3.6829	3.5961	3.8707	3.8437
Gd-147	3.9997	3.3637	3.9243	4.1378	4.3208	4.2333	4.5921	4.5460
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	2.8803	2.4896	2.8347	2.9718	3.0128	2.9445	3.1771	3.1710
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	1.1553	1.0102	1.1316	1.1949	1.0787	1.0190	1.1370	1.1686
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	1.8546	1.6634	1.8302	1.9042	1.8294	1.7859	1.9117	1.9035
Gd-159	0.3687	0.3210	0.3627	0.3803	0.3744	0.3641	0.3956	0.3971
Gd-162	1.2995	1.0698	1.2726	1.3506	1.4144	1.3774	1.5199	1.5010
Ge-66	2.3828	1.9348	2.3127	2.4985	2.3011	2.1308	2.4915	2.5702
Ge-67	1.6459	1.3853	1.6172	1.7050	1.7932	1.7536	1.9085	1.8641
Ge-68	0.5615	0.3853	0.5214	0.6159	0.3444	0.2114	0.4144	0.5101
Ge-69	1.3217	1.0015	1.2670	1.3990	1.2794	1.1549	1.4116	1.4682
Ge-71	0.5695	0.3908	0.5288	0.6247	0.3493	0.2144	0.4203	0.5174
Ge-75	0.1795	0.1517	0.1768	0.1858	0.1978	0.1947	0.2091	0.2096
Ge-77	3.0531	2.5358	2.9969	3.1643	3.3930	3.3356	3.6192	3.5754
Ge-78	1.3430	1.1318	1.3224	1.3903	1.4838	1.4616	1.5671	1.5827
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	1.5516	1.3199	1.5231	1.6082	1.6013	1.5497	1.6994	1.7302
Hf-169	2.2040	1.8575	2.1599	2.2861	2.2774	2.1894	2.4280	2.4385
Hf-170	3.0870	2.6095	3.0212	3.2086	3.0743	2.9215	3.2856	3.3159

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Hf-172	2.3480	1.9892	2.2876	2.4495	2.1305	1.9551	2.2886	2.3798
Hf-173	3.6878	3.1748	3.6272	3.8162	3.7965	3.6749	4.0428	4.0526
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	2.3361	1.9844	2.2909	2.4232	2.3766	2.2880	2.5305	2.5644
Hf-177m	13.5710	11.4585	13.3253	14.0754	14.3224	13.9170	15.2504	15.3115
Hf-178m	9.7230	8.1266	9.5363	10.0932	10.3796	10.0891	11.0864	11.0500
Hf-179m	5.5512	4.6720	5.4416	5.7659	5.7462	5.5328	6.1428	6.1584
Hf-180m	4.9624	4.1755	4.8704	5.1474	5.2580	5.1131	5.6082	5.6068
Hf-181	2.4073	2.0153	2.3600	2.4997	2.5425	2.4536	2.7215	2.7205
Hf-182	1.4245	1.2057	1.4013	1.4757	1.5299	1.4942	1.6182	1.6313
Hf-182m	4.1942	3.5165	4.1087	4.3561	4.3612	4.2042	4.6574	4.6659
Hf-183	2.0822	1.7375	2.0418	2.1574	2.2538	2.2083	2.4002	2.3477
Hf-184	2.6086	2.1120	2.5254	2.7448	2.4042	2.1742	2.6194	2.7402
Hg-190	2.9673	2.5084	2.9023	3.0903	2.8896	2.7155	3.0992	3.1425
Hg-191m	4.8717	4.0229	4.7597	5.0717	5.0566	4.8390	5.4182	5.4637
Hg-192	2.9481	2.4710	2.8793	3.0743	2.8632	2.6849	3.0669	3.1463
Hg-193	2.9461	2.4312	2.8712	3.0728	2.9401	2.7732	3.1646	3.2040
Hg-193m	2.8247	2.3251	2.7570	2.9405	2.9317	2.8053	3.1515	3.1588
Hg-194	0.3137	0.2251	0.2935	0.3411	0.2001	0.1285	0.2348	0.2885
Hg-195	1.8462	1.5239	1.7929	1.9344	1.6956	1.5428	1.8331	1.9054
Hg-195m	2.1042	1.6892	2.0308	2.2198	1.8619	1.6374	2.0316	2.1726
Hg-197	1.6805	1.3965	1.6327	1.7610	1.5105	1.3670	1.6350	1.7032
Hg-197m	1.6290	1.3402	1.5811	1.7095	1.4915	1.3468	1.6204	1.6940
Hg-199m	2.1232	1.7855	2.0756	2.2126	2.0789	1.9536	2.2264	2.2530
Hg-203	1.3133	1.1077	1.2913	1.3611	1.4133	1.3805	1.4964	1.5147
Hg-205	0.0451	0.0384	0.0443	0.0467	0.0475	0.0463	0.0508	0.0501
Hg-206	0.6172	0.5185	0.6059	0.6403	0.6572	0.6396	0.6983	0.7091
Hg-207	3.3631	2.7033	3.2765	3.4937	3.7551	3.6521	4.0478	4.0204
Ho-150	1.8165	1.4690	1.7739	1.8866	2.0388	1.9998	2.1767	2.1215
Ho-153	2.2073	1.8705	2.1679	2.2834	2.3519	2.2988	2.4935	2.5006
Ho-153m	2.5757	2.1959	2.5311	2.6641	2.7126	2.6430	2.8800	2.8604
Ho-154m	5.4541	4.5219	5.3482	5.6541	6.0081	5.8896	6.4142	6.3612
Ho-154	2.8352	2.3454	2.7775	2.9390	3.1205	3.0567	3.3306	3.3208
Ho-155	2.1185	1.8163	2.0785	2.1922	2.1479	2.0706	2.2816	2.2916
Ho-156	3.9450	3.3058	3.8677	4.0840	4.2596	4.1556	4.5415	4.5116
Ho-157	3.1734	2.7410	3.1185	3.2787	3.2294	3.1280	3.4185	3.4312
Ho-159	3.5435	3.0921	3.4887	3.6565	3.6017	3.4959	3.8128	3.8105
Ho-160	3.9752	3.2980	3.8881	4.1221	4.2564	4.1371	4.5425	4.4907
Ho-161	1.2967	1.1431	1.2711	1.3398	1.1916	1.1177	1.2571	1.2974
Ho-162	1.1755	1.0286	1.1527	1.2149	1.1127	1.0577	1.1786	1.1956

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ho-162m	2.4011	2.0249	2.3462	2.4942	2.3858	2.2720	2.5506	2.5766
Ho-163	0.0092	0.0063	0.0085	0.0101	0.0056	0.0034	0.0068	0.0083
Ho-164	0.6535	0.5753	0.6411	0.6753	0.6083	0.5756	0.6431	0.6554
Ho-164m	1.2895	1.0834	1.2506	1.3496	1.1098	0.9925	1.1968	1.2657
Ho-166	0.2783	0.2321	0.2705	0.2911	0.2539	0.2331	0.2749	0.2828
Ho-166m	4.6070	3.8151	4.5129	4.7814	5.0102	4.8929	5.3475	5.2608
Ho-167	1.7119	1.4420	1.6816	1.7741	1.8382	1.7988	1.9569	1.9653
Ho-168	1.7310	1.4039	1.6889	1.8008	1.8872	1.8360	2.0214	1.9806
Ho-168m	0.2724	0.2144	0.2603	0.2898	0.2118	0.1737	0.2358	0.2607
Ho-170	4.0030	3.3024	3.9153	4.1555	4.3277	4.2109	4.6264	4.5758
I-118m	5.0724	4.1038	4.9566	5.2660	5.7324	5.6054	6.1385	6.0645
I-118	1.7279	1.3957	1.6877	1.7937	1.9535	1.9078	2.0938	2.0711
I-119	1.7084	1.4660	1.6829	1.7627	1.8392	1.7994	1.9319	1.9529
I-120	2.0484	1.6512	1.9959	2.1234	2.3072	2.2423	2.4795	2.4559
I-120m	4.3481	3.5171	4.2469	4.5125	4.9074	4.7875	5.2595	5.2074
I-121	1.9353	1.6893	1.9082	1.9923	2.0422	1.9982	2.1515	2.1489
I-122	0.3901	0.3306	0.3827	0.4026	0.4183	0.4053	0.4419	0.4448
I-123	1.8508	1.6439	1.8288	1.9010	1.9215	1.8701	2.0041	1.9970
I-124	1.5655	1.3095	1.5324	1.6171	1.6984	1.6462	1.8026	1.8083
I-125	0.9919	0.9376	0.9812	1.0070	0.9144	0.8654	0.9250	0.9860
I-126	1.1942	1.0091	1.1722	1.2336	1.2907	1.2589	1.3686	1.3630
I-128	0.2061	0.1738	0.2024	0.2130	0.2239	0.2185	0.2380	0.2366
I-129	0.5642	0.5322	0.5581	0.5730	0.5253	0.5011	0.5315	0.5592
I-130m	0.3677	0.3097	0.3592	0.3813	0.3708	0.3501	0.3933	0.4047
I-130	4.0272	3.2587	3.9379	4.1825	4.5604	4.4677	4.8790	4.7917
I-131	1.3464	1.1121	1.3219	1.3953	1.5036	1.4884	1.5995	1.5592
I-132	3.5836	2.8761	3.4983	3.7234	4.0786	3.9992	4.3672	4.2745
I-132m	1.0556	0.8835	1.0321	1.0948	1.0964	1.0528	1.1651	1.1730
I-133	1.2547	1.0205	1.2280	1.3026	1.4156	1.3828	1.5128	1.4980
I-134m	1.7780	1.5608	1.7536	1.8281	1.8587	1.8130	1.9382	1.9771
I-134	3.6836	2.9456	3.5921	3.8276	4.1995	4.1195	4.5032	4.3966
I-135	1.5890	1.2526	1.5443	1.6513	1.8245	1.7865	1.9725	1.9395
In-103	2.6904	2.1997	2.6303	2.7882	3.0200	2.9644	3.2384	3.1669
In-105	2.3858	1.9934	2.3400	2.4674	2.6314	2.5800	2.8084	2.7755
In-106	4.3491	3.5003	4.2455	4.5167	4.9293	4.8229	5.2803	5.1970
In-106m	1.9585	1.5622	1.9067	2.0329	2.2299	2.1715	2.4033	2.3703
In-107	2.1683	1.8187	2.1253	2.2402	2.3661	2.3201	2.5231	2.5052
In-108	5.6733	4.6067	5.5412	5.8840	6.3704	6.2377	6.8138	6.7367
In-108m	2.0230	1.6333	1.9699	2.0952	2.2690	2.2068	2.4410	2.4160
In-109	2.2574	1.9454	2.2220	2.3266	2.4067	2.3677	2.5494	2.5328

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
In-109m	1.1633	0.9430	1.1376	1.2078	1.3137	1.2838	1.4049	1.3873
In-110	5.1764	4.2101	5.0568	5.3683	5.7928	5.6692	6.1848	6.0997
In-110m	1.5350	1.2582	1.5008	1.5902	1.7054	1.6649	1.8202	1.8054
In-111	3.1667	2.7578	3.1262	3.2624	3.3713	3.3145	3.5426	3.5308
In-111m	1.0976	0.9025	1.0755	1.1380	1.2247	1.1941	1.3052	1.2993
In-112	0.2382	0.2155	0.2349	0.2434	0.2329	0.2262	0.2410	0.2509
In-112m	0.5520	0.5073	0.5461	0.5634	0.5367	0.5182	0.5526	0.5714
In-113m	0.9477	0.8043	0.9320	0.9792	1.0253	1.0067	1.0925	1.0810
In-114	0.0048	0.0042	0.0047	0.0049	0.0050	0.0048	0.0052	0.0053
In-114m	0.5542	0.4904	0.5462	0.5695	0.5613	0.5446	0.5883	0.5969
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	0.8140	0.7043	0.8017	0.8388	0.8608	0.8432	0.9053	0.9262
In-116m	2.5654	2.0262	2.4942	2.6659	2.9422	2.8863	3.1824	3.1203
In-117	2.5471	2.1458	2.5057	2.6352	2.8123	2.7545	2.9821	2.9292
In-117m	0.6222	0.5418	0.6137	0.6409	0.6597	0.6465	0.6921	0.6987
In-118m	3.2696	2.5866	3.1814	3.3990	3.7480	3.6762	4.0420	3.9682
In-118	0.0795	0.0624	0.0772	0.0827	0.0915	0.0899	0.0989	0.0971
In-119	1.3434	1.0866	1.3110	1.3958	1.4917	1.4593	1.5908	1.5552
In-119m	0.1523	0.1282	0.1487	0.1576	0.1555	0.1491	0.1652	0.1699
In-121	1.3391	1.0691	1.3056	1.3918	1.5281	1.4977	1.6378	1.6049
In-121m	0.4753	0.4378	0.4710	0.4842	0.4717	0.4586	0.4856	0.4974
Ir-180	3.4602	2.8634	3.3839	3.5991	3.6399	3.5022	3.8946	3.9097
Ir-182	3.3460	2.7808	3.2727	3.4803	3.4800	3.3399	3.7264	3.7518
Ir-183	3.4274	2.8255	3.3400	3.5735	3.4401	3.2505	3.6982	3.7526
Ir-184	4.9892	4.1134	4.8734	5.1911	5.2262	5.0162	5.6032	5.6300
Ir-185	3.2534	2.6580	3.1572	3.4074	3.0916	2.8440	3.3429	3.4569
Ir-186	4.8271	3.9951	4.7184	5.0204	5.0539	4.8556	5.4137	5.4435
Ir-186m	2.7887	2.2869	2.7199	2.9033	2.9126	2.7868	3.1270	3.1326
Ir-187	2.2058	1.8197	2.1448	2.3079	2.0877	1.9273	2.2499	2.3208
Ir-188	3.4199	2.7894	3.3300	3.5592	3.5819	3.4172	3.8590	3.8670
Ir-189	1.5621	1.2874	1.5148	1.6397	1.3951	1.2546	1.5088	1.5883
Ir-190	5.3459	4.4333	5.2338	5.5560	5.6791	5.4872	6.0775	6.0622
Ir-190m	0.3133	0.2169	0.2913	0.3430	0.1936	0.1199	0.2318	0.2853
Ir-190n	1.2380	1.0362	1.2045	1.2947	1.1254	1.0272	1.2101	1.2615
Ir-191m	1.5916	1.3032	1.5417	1.6734	1.4220	1.2704	1.5486	1.6313
Ir-192	3.0277	2.5216	2.9724	3.1400	3.3248	3.2585	3.5352	3.5678
Ir-192m	0.3501	0.2478	0.3267	0.3816	0.2207	0.1398	0.2609	0.3209
Ir-192n	0.7343	0.5218	0.6859	0.7998	0.4665	0.2985	0.5501	0.6745
Ir-193m	0.3143	0.2191	0.2927	0.3437	0.1967	0.1239	0.2344	0.2872
Ir-194	0.2762	0.2291	0.2709	0.2864	0.3052	0.2998	0.3249	0.3276

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ir-194m	6.3523	5.2233	6.2240	6.5948	7.0347	6.8735	7.5140	7.4919
Ir-195	1.2355	1.0276	1.2009	1.2940	1.1219	1.0199	1.2112	1.2603
Ir-195m	2.0274	1.6858	1.9816	2.1118	2.0607	1.9626	2.2086	2.2359
Ir-196	0.5497	0.4511	0.5384	0.5705	0.6119	0.6010	0.6539	0.6467
Ir-196m	6.8126	5.5928	6.6705	7.0781	7.4790	7.2848	8.0141	7.9480
K-38	1.0807	0.8255	1.0412	1.1219	1.2617	1.2176	1.3857	1.3592
K-40	0.1269	0.0980	0.1227	0.1322	0.1444	0.1399	0.1573	0.1558
K-42	0.2113	0.1639	0.2046	0.2196	0.2448	0.2382	0.2660	0.2626
K-43	2.4272	1.9929	2.3795	2.5184	2.7248	2.6752	2.9169	2.8800
K-44	1.7500	1.3633	1.6955	1.8184	2.0228	1.9731	2.1970	2.1532
K-45	2.2559	1.8420	2.2041	2.3369	2.5420	2.4879	2.7329	2.6706
K-46	1.7117	1.3230	1.6549	1.7781	1.9871	1.9416	2.1655	2.1145
Kr-74	2.0895	1.7725	2.0502	2.1685	2.1434	2.0568	2.2874	2.3002
Kr-75	1.8630	1.5916	1.8324	1.9287	1.9665	1.9027	2.0992	2.0837
Kr-76	2.4759	2.0561	2.4142	2.5817	2.4360	2.2620	2.6059	2.7280
Kr-77	1.9937	1.7159	1.9639	2.0622	2.1066	2.0426	2.2496	2.2346
Kr-79	1.1047	0.8941	1.0681	1.1608	1.0015	0.8768	1.0851	1.1742
Kr-81	0.5598	0.4399	0.5324	0.5967	0.3882	0.2704	0.4324	0.5301
Kr-81m	1.1854	1.0122	1.1652	1.2279	1.2367	1.1922	1.3187	1.3136
Kr-83m	0.2502	0.1932	0.2371	0.2677	0.1703	0.1169	0.1917	0.2350
Kr-85	0.0052	0.0042	0.0051	0.0054	0.0058	0.0057	0.0062	0.0062
Kr-85m	1.3512	1.1634	1.3330	1.3961	1.4559	1.4234	1.5405	1.5181
Kr-87	0.9678	0.7818	0.9449	1.0042	1.0961	1.0741	1.1834	1.1532
Kr-88	1.7082	1.3692	1.6611	1.7715	1.9210	1.8629	2.0781	2.0452
Kr-89	2.0837	1.6712	2.0308	2.1626	2.3682	2.3149	2.5504	2.5050
La-128	3.9171	3.2099	3.8343	4.0617	4.3853	4.2943	4.6796	4.6568
La-129	1.6174	1.3945	1.5922	1.6677	1.7229	1.6845	1.8143	1.8194
La-130	2.8014	2.2991	2.7413	2.9039	3.1241	3.0586	3.3386	3.3136
La-131	2.0562	1.7864	2.0249	2.1179	2.1649	2.1134	2.2776	2.2798
La-132	2.4553	2.0226	2.4007	2.5422	2.7124	2.6400	2.8972	2.8756
La-132m	2.2674	1.9301	2.2274	2.3435	2.4183	2.3518	2.5664	2.5577
La-133	0.8196	0.7234	0.8020	0.8455	0.7580	0.7038	0.7896	0.8339
La-134	0.3079	0.2758	0.3028	0.3154	0.3035	0.2905	0.3142	0.3235
La-135	0.6152	0.5717	0.6069	0.6272	0.5731	0.5439	0.5832	0.6114
La-136	0.4223	0.3890	0.4162	0.4309	0.3986	0.3794	0.4071	0.4241
La-137	0.5742	0.5354	0.5664	0.5852	0.5295	0.5012	0.5379	0.5661
La-138	1.4817	1.2051	1.4429	1.5348	1.6318	1.5877	1.7453	1.7285
La-140	2.5360	2.0198	2.4690	2.6334	2.8933	2.8235	3.1157	3.0750
La-141	0.0222	0.0172	0.0215	0.0230	0.0256	0.0251	0.0278	0.0273
La-142	1.7691	1.3877	1.7161	1.8372	2.0377	1.9809	2.2095	2.1683

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
La-143	0.2572	0.2031	0.2501	0.2673	0.2952	0.2882	0.3189	0.3133
Lu-165	3.2286	2.7429	3.1659	3.3443	3.3246	3.2080	3.5490	3.5432
Lu-167	3.5082	2.9202	3.4260	3.6409	3.6383	3.4903	3.8990	3.9127
Lu-169m	0.2306	0.1581	0.2141	0.2530	0.1413	0.0867	0.1702	0.2095
Lu-169	3.2877	2.7432	3.2127	3.4122	3.4019	3.2710	3.6447	3.6394
Lu-170	3.1446	2.5541	3.0577	3.2680	3.3312	3.1960	3.5981	3.5858
Lu-171m	0.2475	0.1709	0.2301	0.2711	0.1539	0.0965	0.1844	0.2256
Lu-171	3.0453	2.5378	2.9666	3.1746	2.9405	2.7585	3.1545	3.2118
Lu-172	4.5141	3.7135	4.4051	4.6934	4.7471	4.5702	5.0943	5.0737
Lu-172m	0.2074	0.1422	0.1925	0.2275	0.1271	0.0779	0.1530	0.1884
Lu-173	2.5093	2.1755	2.4628	2.5981	2.4347	2.3214	2.5849	2.6149
Lu-174	1.2540	1.0679	1.2236	1.3053	1.1584	1.0761	1.2415	1.2756
Lu-174m	1.5219	1.2505	1.4712	1.6007	1.3024	1.1489	1.4168	1.5067
Lu-176	3.2434	2.7276	3.1812	3.3687	3.3985	3.2956	3.6289	3.6513
Lu-176m	0.3472	0.2831	0.3358	0.3656	0.3044	0.2713	0.3322	0.3482
Lu-177	0.3566	0.3032	0.3500	0.3701	0.3662	0.3536	0.3918	0.3902
Lu-177m	7.0172	5.9634	6.8943	7.2732	7.3425	7.1294	7.8261	7.8008
Lu-178	0.3300	0.2678	0.3203	0.3453	0.3243	0.3034	0.3516	0.3573
Lu-178m	5.7952	4.8983	5.6936	6.0071	6.1544	6.0090	6.5629	6.5240
Lu-179	0.2029	0.1730	0.1999	0.2099	0.2199	0.2164	0.2342	0.2304
Lu-180	2.8341	2.3064	2.7658	2.9466	3.0836	2.9980	3.3201	3.2912
Lu-181	2.3154	1.9025	2.2571	2.4160	2.3484	2.2259	2.5244	2.5528
Mg-27	1.2299	0.9774	1.1983	1.2788	1.4079	1.3826	1.5091	1.4679
Mg-28	2.0429	1.7015	1.9993	2.1082	2.2654	2.2231	2.4109	2.3832
Mn-50m	4.0015	3.1569	3.8913	4.1601	4.5951	4.5080	4.9515	4.8390
Mn-51	0.0117	0.0087	0.0111	0.0125	0.0105	0.0091	0.0117	0.0125
Mn-52	3.7171	2.9216	3.6098	3.8719	4.1970	4.0841	4.5291	4.4533
Mn-52m	1.1586	0.9001	1.1224	1.2045	1.3385	1.3075	1.4542	1.4317
Mn-53	0.1863	0.1277	0.1730	0.2044	0.1141	0.0699	0.1375	0.1692
Mn-54	1.3988	1.0934	1.3550	1.4651	1.5007	1.4351	1.6201	1.6026
Mn-56	1.6816	1.3247	1.6344	1.7479	1.9341	1.8937	2.0834	2.0263
Mn-57	0.6882	0.5484	0.6632	0.7265	0.6121	0.5354	0.6724	0.7184
Mn-58m	2.6793	2.1207	2.6071	2.7848	3.0722	3.0172	3.3070	3.2223
Mo-101	2.1748	1.7527	2.1205	2.2602	2.4194	2.3550	2.6044	2.5723
Mo-102	0.1449	0.1247	0.1430	0.1496	0.1577	0.1556	0.1674	0.1639
Mo-89	0.2670	0.2135	0.2599	0.2771	0.3009	0.2937	0.3235	0.3187
Mo-90	3.2325	2.8047	3.1853	3.3305	3.3749	3.2806	3.5638	3.5993
Mo-91m	1.1513	0.9190	1.1213	1.1955	1.3057	1.2747	1.4051	1.3876
Mo-91	0.0427	0.0380	0.0418	0.0436	0.0391	0.0362	0.0408	0.0436
Mo-93	0.4977	0.4631	0.4903	0.5066	0.4162	0.3781	0.4257	0.4725

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Mo-93m	3.3050	2.6806	3.2271	3.4273	3.7056	3.6226	3.9669	3.9361
Mo-99	0.4090	0.3430	0.4016	0.4231	0.4496	0.4426	0.4777	0.4670
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	0.7149	0.5350	0.6808	0.7379	0.8516	0.8183	0.9167	0.8793
Na-22	1.1772	0.9182	1.1420	1.2243	1.3593	1.3388	1.4748	1.4454
Na-24	2.2054	1.6950	2.1284	2.2902	2.5674	2.4945	2.8056	2.7417
Nb-87	2.2148	1.9230	2.1835	2.2838	2.3233	2.2654	2.4681	2.4497
Nb-88m	4.3927	3.5200	4.2841	4.5628	4.9915	4.8854	5.3696	5.2810
Nb-88	5.4957	4.4740	5.3698	5.6997	6.1239	5.9756	6.5581	6.4970
Nb-89	0.4934	0.4011	0.4792	0.5101	0.5287	0.5039	0.5693	0.5735
Nb-89m	1.1701	0.9651	1.1462	1.2128	1.2863	1.2476	1.3698	1.3693
Nb-90	3.8155	3.1116	3.7191	3.9495	4.2112	4.0771	4.5360	4.4946
Nb-91	0.5160	0.4748	0.5070	0.5268	0.4232	0.3709	0.4349	0.4905
Nb-91m	0.4556	0.4190	0.4483	0.4647	0.3895	0.3557	0.4008	0.4402
Nb-92	2.9274	2.4079	2.8609	3.0329	3.1719	3.0596	3.3810	3.3890
Nb-92m	1.7683	1.4669	1.7263	1.8291	1.8581	1.7759	1.9763	1.9985
Nb-93m	0.1017	0.0915	0.0995	0.1046	0.0822	0.0723	0.0855	0.0960
Nb-94m	0.3482	0.3220	0.3427	0.3550	0.2920	0.2650	0.2996	0.3318
Nb-94	2.4039	1.9218	2.3452	2.4988	2.7432	2.6934	2.9357	2.8594
Nb-95	1.2058	0.9649	1.1767	1.2534	1.3759	1.3553	1.4692	1.4202
Nb-95m	0.7087	0.6292	0.6984	0.7275	0.6916	0.6605	0.7224	0.7498
Nb-96	3.8443	3.0853	3.7524	3.9943	4.3744	4.2951	4.6859	4.5805
Nb-97	1.2155	0.9801	1.1879	1.2628	1.3799	1.3498	1.4772	1.4544
Nb-98m	3.7518	2.9939	3.6572	3.8986	4.2830	4.2063	4.5926	4.4755
Nb-99	2.1952	1.9367	2.1706	2.2578	2.3041	2.2649	2.4333	2.3986
Nb-99m	0.8191	0.6672	0.7993	0.8481	0.9157	0.8940	0.9834	0.9692
Nd-134	2.3408	2.0435	2.3083	2.4109	2.4640	2.4135	2.5890	2.5678
Nd-135	2.6883	2.3086	2.6432	2.7757	2.8323	2.7649	2.9985	2.9837
Nd-136	1.9233	1.7101	1.8950	1.9758	1.9240	1.8674	2.0102	2.0224
Nd-137	2.2748	1.9479	2.2331	2.3452	2.4037	2.3467	2.5355	2.5296
Nd-138	0.7164	0.6567	0.7065	0.7323	0.6787	0.6534	0.6977	0.7187
Nd-139	0.7722	0.6819	0.7593	0.7931	0.7753	0.7512	0.8097	0.8186
Nd-139m	3.5840	3.0178	3.5131	3.7031	3.8686	3.7841	4.1021	4.0508
Nd-140	0.6321	0.5838	0.6234	0.6453	0.5875	0.5634	0.6016	0.6224
Nd-141	0.6527	0.6003	0.6435	0.6666	0.6127	0.5886	0.6286	0.6484
Nd-141m	1.1596	0.9350	1.1323	1.2044	1.3112	1.2895	1.3983	1.3571
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	1.0031	0.8856	0.9896	1.0311	1.0315	1.0127	1.0819	1.0718
Nd-149	2.0101	1.7243	1.9799	2.0757	2.1607	2.1238	2.2885	2.2662
Nd-151	2.3339	1.9659	2.2929	2.4132	2.5592	2.5165	2.7249	2.6797

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Nd-152	0.8991	0.7594	0.8830	0.9318	0.9492	0.9199	1.0042	1.0224
Ne-19	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0003	0.0002
Ne-24	1.2878	1.0544	1.2620	1.3364	1.4474	1.4169	1.5480	1.5265
Ni-56	4.5061	3.6845	4.4038	4.6895	4.8753	4.7207	5.2098	5.1420
Ni-57	1.5787	1.2313	1.5264	1.6496	1.7097	1.6325	1.8679	1.8692
Ni-59	0.3231	0.2214	0.2999	0.3544	0.1979	0.1213	0.2383	0.2934
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.5352	0.4204	0.5197	0.5562	0.6156	0.6021	0.6665	0.6566
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	4.2188	3.5334	4.1282	4.3778	4.3572	4.1781	4.6387	4.6850
Np-233	1.4827	1.2839	1.4554	1.5349	1.4410	1.3638	1.5284	1.5525
Np-234	2.4148	2.0079	2.3546	2.5074	2.4420	2.3085	2.6171	2.6581
Np-235	0.4525	0.3720	0.4344	0.4768	0.3335	0.2606	0.3631	0.4267
Np-236	3.0662	2.6339	2.9959	3.1841	2.8135	2.5777	2.9904	3.1349
Np-236m	0.8226	0.7108	0.8063	0.8523	0.7849	0.7360	0.8332	0.8540
Np-237	1.0145	0.8725	0.9872	1.0551	0.8626	0.7562	0.9174	1.0015
Np-238	1.1028	0.8953	1.0709	1.1483	1.1241	1.0572	1.2079	1.2392
Np-239	2.2735	1.9477	2.2280	2.3583	2.2201	2.0999	2.3615	2.4158
Np-240	3.3786	2.8175	3.2987	3.5092	3.4194	3.2403	3.6509	3.7229
Np-240m	0.9184	0.7587	0.8946	0.9554	0.9180	0.8603	0.9816	1.0151
Np-241	0.5675	0.4906	0.5568	0.5876	0.5523	0.5227	0.5865	0.5973
Np-242	0.3361	0.2690	0.3266	0.3496	0.3645	0.3505	0.3924	0.3917
Np-242m	2.8568	2.3771	2.7855	2.9694	2.8480	2.6858	3.0353	3.1031
O-14	1.0614	0.8091	1.0218	1.1017	1.2409	1.1954	1.3626	1.3347
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	2.1220	1.7677	2.0820	2.1969	2.3625	2.3331	2.5346	2.4707
Os-180	1.7210	1.4225	1.6693	1.8047	1.5396	1.3936	1.6636	1.7489
Os-181	4.1879	3.4643	4.0887	4.3589	4.3054	4.1146	4.6119	4.6368
Os-182	2.8189	2.3427	2.7508	2.9405	2.7892	2.6247	2.9926	3.0467
Os-183	3.9380	3.3112	3.8534	4.0956	3.9553	3.7725	4.2341	4.2677
Os-183m	2.2607	1.8416	2.1996	2.3570	2.3196	2.2049	2.4978	2.5199
Os-185	2.2581	1.8568	2.2026	2.3529	2.3156	2.2025	2.4828	2.5037
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	0.3009	0.2077	0.2797	0.3297	0.1855	0.1145	0.2225	0.2738
Os-190m	5.2880	4.3349	5.1692	5.5057	5.6569	5.4513	6.0697	6.0771
Os-191	1.6938	1.3951	1.6434	1.7779	1.5330	1.3817	1.6650	1.7441
Os-191m	0.4091	0.3026	0.3862	0.4414	0.2914	0.2160	0.3341	0.3867
Os-193	0.5290	0.4375	0.5152	0.5530	0.5112	0.4757	0.5510	0.5656
Os-194	0.3061	0.2262	0.2882	0.3305	0.2085	0.1478	0.2400	0.2843
Os-196	0.5325	0.4492	0.5220	0.5532	0.5450	0.5230	0.5829	0.5865

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
P-30	0.0008	0.0006	0.0008	0.0009	0.0009	0.0009	0.0010	0.0010
P-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pa-227	0.5709	0.4866	0.5563	0.5946	0.5058	0.4526	0.5404	0.5754
Pa-228	4.3585	3.6273	4.2542	4.5308	4.3983	4.1520	4.7066	4.7888
Pa-229	1.2986	1.1176	1.2715	1.3475	1.2237	1.1374	1.3025	1.3396
Pa-230	2.4835	2.0779	2.4252	2.5807	2.4801	2.3358	2.6508	2.6976
Pa-231	0.9425	0.7766	0.9083	0.9908	0.7535	0.6209	0.8155	0.9270
Pa-232	2.2529	1.8492	2.1963	2.3429	2.3396	2.2241	2.5054	2.5335
Pa-233	1.8896	1.6036	1.8487	1.9625	1.8461	1.7353	1.9639	2.0405
Pa-234	4.3765	3.6434	4.2754	4.5450	4.4964	4.2817	4.8029	4.8546
Pa-234m	0.0353	0.0290	0.0344	0.0367	0.0366	0.0349	0.0392	0.0396
Pa-235	0.1090	0.0749	0.1012	0.1196	0.0669	0.0411	0.0805	0.0991
Pa-236	1.5761	1.2828	1.5339	1.6391	1.6493	1.5653	1.7724	1.7971
Pa-237	1.1103	0.8869	1.0811	1.1575	1.2189	1.1783	1.3086	1.2953
Pb-194	3.4657	2.8832	3.3879	3.6032	3.5739	3.4224	3.8344	3.8391
Pb-195m	4.9188	4.0411	4.8012	5.1243	5.1072	4.8794	5.4931	5.5084
Pb-196	3.1312	2.6370	3.0669	3.2545	3.1700	3.0261	3.3870	3.4143
Pb-197	3.2542	2.6747	3.1769	3.3839	3.4335	3.3071	3.6938	3.6727
Pb-197m	4.2986	3.5594	4.2007	4.4745	4.4377	4.2436	4.7662	4.7786
Pb-198	3.0371	2.5583	2.9744	3.1574	3.0686	2.9297	3.2796	3.3115
Pb-199	2.7574	2.2824	2.6937	2.8675	2.8623	2.7459	3.0747	3.0792
Pb-200	2.7139	2.2985	2.6555	2.8245	2.6429	2.4860	2.8299	2.8717
Pb-201	3.1758	2.6506	3.1082	3.3013	3.2874	3.1611	3.5157	3.5467
Pb-201m	1.1794	0.9732	1.1523	1.2271	1.2296	1.1747	1.3189	1.3241
Pb-202	0.3028	0.2145	0.2827	0.3301	0.1910	0.1209	0.2256	0.2776
Pb-202m	3.9208	3.1754	3.8284	4.0768	4.3343	4.2164	4.6519	4.5829
Pb-203	2.5855	2.1846	2.5338	2.6870	2.6083	2.4916	2.7803	2.8256
Pb-204m	3.6148	2.9187	3.5302	3.7559	4.0673	3.9863	4.3606	4.2761
Pb-205	0.3065	0.2172	0.2861	0.3341	0.1933	0.1224	0.2284	0.2810
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	0.3542	0.2761	0.3367	0.3781	0.2507	0.1827	0.2806	0.3340
Pb-211	0.1477	0.1208	0.1445	0.1534	0.1629	0.1593	0.1747	0.1709
Pb-212	1.2594	1.0730	1.2373	1.3058	1.2942	1.2472	1.3766	1.3828
Pb-214	1.3516	1.1339	1.3251	1.4037	1.4116	1.3616	1.5056	1.5241
Pd-100	2.2667	2.0806	2.2487	2.3140	2.2611	2.2740	2.3518	2.3369
Pd-101	1.5584	1.3990	1.5372	1.5955	1.5412	1.5349	1.6011	1.6521
Pd-103	0.4859	0.4629	0.4813	0.4928	0.4316	0.4357	0.4381	0.4660
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.0198	0.8914	1.0068	1.0503	1.0803	1.0698	1.1420	1.1244

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pd-109	0.2853	0.2648	0.2818	0.2911	0.2605	0.2536	0.2678	0.2825
Pd-111	0.0870	0.0716	0.0851	0.0901	0.0970	0.0952	0.1036	0.1022
Pd-112	0.2140	0.1978	0.2105	0.2186	0.1806	0.1710	0.1856	0.2030
Pd-114	0.1836	0.1581	0.1812	0.1896	0.1998	0.1970	0.2124	0.2100
Pd-96	2.8126	2.3768	2.7620	2.9054	3.0569	3.0137	3.2535	3.2129
Pd-97	2.4866	2.0386	2.4313	2.5754	2.7709	2.7182	2.9604	2.9407
Pd-98	2.1882	1.9360	2.1610	2.2470	2.2706	2.2572	2.3861	2.3702
Pd-99	2.3118	1.9771	2.2744	2.3851	2.4942	2.4580	2.6511	2.6256
Pm-136	3.7519	3.0630	3.6724	3.8937	4.2164	4.1431	4.5064	4.4317
Pm-137m	4.1128	3.5030	4.0452	4.2482	4.4404	4.3582	4.7039	4.6549
Pm-139	0.6745	0.5760	0.6621	0.6959	0.7130	0.6963	0.7553	0.7504
Pm-140m	3.9794	3.2278	3.8875	4.1300	4.4710	4.3853	4.7878	4.6864
Pm-140	0.2687	0.2243	0.2629	0.2779	0.2906	0.2838	0.3086	0.3053
Pm-141	0.5443	0.4741	0.5339	0.5597	0.5521	0.5354	0.5800	0.5843
Pm-142	0.2046	0.1813	0.2009	0.2099	0.2017	0.1945	0.2105	0.2140
Pm-143	1.1212	0.9762	1.1009	1.1540	1.1410	1.1084	1.1939	1.1961
Pm-144	3.6263	3.0080	3.5516	3.7553	3.9733	3.8772	4.2243	4.1874
Pm-145	0.6883	0.6292	0.6780	0.7046	0.6396	0.6129	0.6592	0.6792
Pm-146	1.9341	1.6189	1.8960	2.0011	2.0975	2.0509	2.2263	2.1986
Pm-147	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Pm-148	0.6947	0.5525	0.6766	0.7218	0.7939	0.7756	0.8546	0.8422
Pm-148m	4.0441	3.2905	3.9569	4.1981	4.5533	4.4533	4.8685	4.8104
Pm-149	0.0512	0.0428	0.0502	0.0531	0.0554	0.0541	0.0587	0.0596
Pm-150	2.2391	1.8114	2.1871	2.3242	2.5320	2.4887	2.7154	2.6910
Pm-151	1.5702	1.3417	1.5451	1.6223	1.6825	1.6517	1.7801	1.7683
Pm-152m	3.7035	3.0940	3.6333	3.8336	4.0664	3.9885	4.3335	4.2999
Pm-152	0.6585	0.5517	0.6456	0.6814	0.7160	0.7003	0.7647	0.7539
Pm-153	0.9155	0.8033	0.9022	0.9438	0.9351	0.9085	0.9898	0.9869
Pm-154	1.9570	1.5771	1.9046	2.0304	2.1710	2.1131	2.3392	2.3037
Pm-154m	3.4313	2.8461	3.3595	3.5534	3.7593	3.6801	4.0166	3.9620
Po-203	3.6296	2.9897	3.5433	3.7736	3.8087	3.6559	4.0895	4.0736
Po-204	5.0903	4.2263	4.9667	5.3046	5.0714	4.7768	5.4459	5.5283
Po-205	3.4662	2.8481	3.3831	3.6040	3.6527	3.5112	3.9198	3.8947
Po-206	4.1663	3.4363	4.0635	4.3414	4.2239	3.9909	4.5338	4.6069
Po-207	3.1466	2.5923	3.0730	3.2711	3.3136	3.1858	3.5554	3.5381
Po-208	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-209	0.0388	0.0301	0.0372	0.0412	0.0339	0.0293	0.0374	0.0401
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-211	0.0138	0.0111	0.0135	0.0143	0.0156	0.0153	0.0167	0.0164
Po-212m	0.0518	0.0407	0.0502	0.0538	0.0595	0.0576	0.0646	0.0635

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Po-212	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-214	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	0.0001
Po-215	0.0005	0.0004	0.0005	0.0005	0.0006	0.0005	0.0006	0.0006
Po-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-134	5.1517	4.2354	5.0458	5.3415	5.7537	5.6459	6.1525	6.0672
Pr-134m	2.2858	1.8654	2.2345	2.3700	2.5598	2.5050	2.7512	2.7024
Pr-135	1.6429	1.4332	1.6176	1.6907	1.7132	1.6742	1.7977	1.8067
Pr-136	2.5281	2.0689	2.4713	2.6201	2.8134	2.7398	3.0061	2.9855
Pr-137	0.6086	0.5485	0.5991	0.6231	0.5936	0.5717	0.6137	0.6279
Pr-138	0.2077	0.1860	0.2043	0.2128	0.2040	0.1967	0.2112	0.2152
Pr-138m	4.3227	3.5585	4.2285	4.4789	4.7852	4.6899	5.0897	5.0472
Pr-139	0.5914	0.5465	0.5832	0.6034	0.5535	0.5301	0.5659	0.5869
Pr-140	0.3149	0.2912	0.3106	0.3213	0.2945	0.2821	0.3011	0.3123
Pr-142	0.0419	0.0324	0.0405	0.0435	0.0485	0.0471	0.0528	0.0521
Pr-142m	0.0147	0.0100	0.0136	0.0161	0.0090	0.0055	0.0108	0.0133
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0272	0.0215	0.0264	0.0282	0.0312	0.0304	0.0337	0.0330
Pr-144m	0.3068	0.2697	0.2992	0.3175	0.2678	0.2450	0.2806	0.2983
Pr-145	0.0367	0.0304	0.0359	0.0379	0.0401	0.0393	0.0427	0.0421
Pr-146	1.2865	1.0317	1.2548	1.3359	1.4630	1.4314	1.5750	1.5461
Pr-147	2.0067	1.7463	1.9741	2.0663	2.0772	2.0282	2.1861	2.1887
Pr-148	1.6982	1.3860	1.6613	1.7615	1.9103	1.8765	2.0409	2.0365
Pr-148m	2.5425	2.1031	2.4946	2.6359	2.8373	2.7895	3.0196	3.0161
Pt-184	5.7321	4.7895	5.5970	5.9768	5.6242	5.2915	6.0321	6.1298
Pt-186	2.9055	2.4051	2.8354	3.0281	2.9273	2.7742	3.1376	3.1724
Pt-187	3.5268	2.9435	3.4425	3.6766	3.4637	3.2627	3.7142	3.7794
Pt-188	2.4704	2.0667	2.4099	2.5787	2.3672	2.2093	2.5451	2.6010
Pt-189	3.2458	2.7009	3.1645	3.3877	3.1420	2.9369	3.3736	3.4518
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	2.8743	2.4073	2.8043	2.9986	2.7523	2.5689	2.9535	3.0259
Pt-193	0.3221	0.2264	0.3002	0.3516	0.2017	0.1267	0.2394	0.2946
Pt-193m	0.5456	0.4149	0.5182	0.5848	0.4088	0.3184	0.4618	0.5234
Pt-195m	1.9673	1.5936	1.8987	2.0754	1.6858	1.4710	1.8426	1.9674
Pt-197	0.5635	0.4557	0.5440	0.5946	0.4873	0.4266	0.5343	0.5668
Pt-197m	1.3288	1.0692	1.2813	1.4028	1.1454	0.9975	1.2530	1.3462
Pt-199	0.6589	0.5431	0.6447	0.6852	0.7056	0.6814	0.7549	0.7557
Pt-200	0.9716	0.8037	0.9441	1.0183	0.8912	0.8112	0.9646	1.0026
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pu-232	1.0994	0.9537	1.0795	1.1378	1.0684	1.0123	1.1330	1.1506
Pu-234	1.2449	1.0777	1.2212	1.2894	1.1967	1.1273	1.2700	1.2969
Pu-235	1.6526	1.4282	1.6194	1.7126	1.5688	1.4682	1.6659	1.7123
Pu-236	0.1366	0.1152	0.1317	0.1430	0.1030	0.0830	0.1106	0.1290
Pu-237	1.1365	0.9765	1.1104	1.1804	1.0411	0.9554	1.1082	1.1599
Pu-238	0.1260	0.1063	0.1216	0.1319	0.0949	0.0764	0.1020	0.1190
Pu-239	0.0751	0.0599	0.0716	0.0797	0.0537	0.0408	0.0594	0.0702
Pu-240	0.1185	0.1000	0.1144	0.1241	0.0893	0.0719	0.0959	0.1120
Pu-241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pu-242	0.1017	0.0857	0.0981	0.1065	0.0766	0.0617	0.0823	0.0961
Pu-243	0.4530	0.3963	0.4454	0.4680	0.4387	0.4202	0.4652	0.4681
Pu-244	0.1096	0.0916	0.1060	0.1145	0.0921	0.0791	0.0989	0.1098
Pu-245	1.4407	1.2098	1.4132	1.4928	1.5370	1.4942	1.6359	1.6411
Pu-246	1.8584	1.6203	1.8269	1.9194	1.8355	1.7570	1.9414	1.9696
Ra-219	0.9610	0.8118	0.9437	0.9963	1.0136	0.9848	1.0769	1.0935
Ra-220	0.0124	0.0102	0.0122	0.0129	0.0139	0.0135	0.0148	0.0146
Ra-221	0.6717	0.5633	0.6539	0.7016	0.6154	0.5552	0.6615	0.6935
Ra-222	0.0402	0.0337	0.0395	0.0416	0.0440	0.0432	0.0467	0.0474
Ra-223	1.4930	1.2682	1.4628	1.5513	1.4782	1.4017	1.5784	1.5983
Ra-224	0.0667	0.0566	0.0656	0.0691	0.0715	0.0697	0.0757	0.0759
Ra-225	0.3968	0.3563	0.3889	0.4083	0.3472	0.3185	0.3608	0.3859
Ra-226	1.2380	0.9837	1.2070	1.2890	1.4214	1.3960	1.5202	1.4733
Ra-227	1.3084	1.0958	1.2722	1.3652	1.1931	1.0724	1.2764	1.3676
Ra-228	1.2596	1.0052	1.2292	1.3115	1.4376	1.4119	1.5364	1.4985
Ra-230	0.7355	0.6261	0.7205	0.7636	0.7249	0.6858	0.7732	0.7848
Rb-77	1.8423	1.5702	1.8123	1.9025	1.9797	1.9351	2.0994	2.0736
Rb-78m	3.0132	2.4238	2.9397	3.1281	3.4136	3.3368	3.6733	3.6095
Rb-78	2.2313	1.7670	2.1662	2.3159	2.5337	2.4554	2.7458	2.6927
Rb-79	2.3157	1.9450	2.2712	2.4012	2.4567	2.3619	2.6200	2.6209
Rb-80	0.3595	0.2907	0.3513	0.3735	0.4039	0.3930	0.4326	0.4292
Rb-81	0.9143	0.7544	0.8887	0.9542	0.8715	0.7820	0.9354	0.9948
Rb-81m	0.4814	0.4190	0.4684	0.4995	0.3919	0.3207	0.4137	0.4765
Rb-82	0.2203	0.1767	0.2145	0.2293	0.2414	0.2332	0.2582	0.2544
Rb-82m	4.4190	3.5521	4.3053	4.5969	4.8606	4.6873	5.2130	5.1869
Rb-83	1.6417	1.3457	1.5971	1.7124	1.6253	1.4849	1.7415	1.8289
Rb-84	1.2278	0.9896	1.1914	1.2810	1.2504	1.1589	1.3421	1.3787
Rb-84m	1.8491	1.5623	1.8179	1.9146	1.9858	1.9259	2.1059	2.1186
Rb-86m	1.1848	0.9646	1.1598	1.2301	1.3336	1.3002	1.4252	1.4146
Rb-86	0.1057	0.0832	0.1028	0.1099	0.1215	0.1189	0.1312	0.1291
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Rb-88	0.4620	0.3592	0.4475	0.4801	0.5347	0.5202	0.5809	0.5692
Rb-89	2.0053	1.5711	1.9462	2.0845	2.3106	2.2578	2.5016	2.4569
Rb-90	1.0532	0.8198	1.0190	1.0931	1.2202	1.1900	1.3210	1.2748
Rb-90m	2.4494	1.9205	2.3762	2.5446	2.8205	2.7562	3.0474	2.9601
Re-178	2.9872	2.4618	2.9124	3.1103	3.0592	2.9129	3.2877	3.3095
Re-179	3.6901	3.0641	3.6071	3.8382	3.8173	3.6591	4.0892	4.1183
Re-180	3.0874	2.5275	3.0063	3.2199	3.1391	2.9801	3.3722	3.3887
Re-181	3.6251	3.0110	3.5397	3.7761	3.6576	3.4782	3.9225	3.9741
Re-182	7.1764	5.9957	7.0174	7.4625	7.3332	7.0221	7.8488	7.8982
Re-182m	3.5639	2.9604	3.4774	3.7083	3.5984	3.4285	3.8609	3.8867
Re-183	2.7056	2.2610	2.6338	2.8289	2.5042	2.3033	2.6934	2.7839
Re-184	2.7690	2.2786	2.6992	2.8857	2.8182	2.6826	3.0214	3.0302
Re-184m	2.5980	2.1435	2.5283	2.7172	2.4997	2.3256	2.6922	2.7613
Re-186	0.3163	0.2668	0.3092	0.3297	0.3067	0.2875	0.3296	0.3356
Re-186m	1.0634	0.7905	1.0043	1.1462	0.7570	0.5629	0.8661	1.0020
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	0.3812	0.3208	0.3737	0.3961	0.3946	0.3784	0.4206	0.4185
Re-188m	1.6771	1.3737	1.6236	1.7639	1.4768	1.3177	1.6039	1.6908
Re-189	0.4399	0.3662	0.4300	0.4587	0.4437	0.4212	0.4761	0.4819
Re-190	3.8571	3.1916	3.7819	4.0018	4.2524	4.1627	4.5465	4.4781
Re-190m	3.3005	2.7294	3.2289	3.4328	3.4936	3.3689	3.7448	3.7397
Rh-100m	0.8066	0.7545	0.7982	0.8207	0.7454	0.7458	0.7637	0.7966
Rh-100	3.2489	2.6545	3.1698	3.3630	3.5870	3.5040	3.8427	3.8208
Rh-101	2.8196	2.4771	2.7842	2.9016	2.9554	2.9201	3.1309	3.1124
Rh-101m	1.6578	1.4441	1.6334	1.7069	1.7218	1.6998	1.8052	1.8576
Rh-102	1.0543	0.9015	1.0356	1.0871	1.1089	1.0879	1.1722	1.1814
Rh-102m	4.3014	3.5425	4.2098	4.4561	4.7482	4.6547	5.0640	5.0181
Rh-103m	0.0740	0.0646	0.0719	0.0768	0.0597	0.0550	0.0632	0.0699
Rh-104	0.0277	0.0228	0.0272	0.0287	0.0307	0.0300	0.0327	0.0326
Rh-104m	0.9785	0.9171	0.9715	0.9946	0.9416	0.9449	0.9693	0.9813
Rh-105	0.3295	0.2763	0.3240	0.3413	0.3647	0.3599	0.3863	0.3930
Rh-106	0.4103	0.3331	0.4014	0.4260	0.4634	0.4524	0.4956	0.4911
Rh-106m	4.5148	3.6361	4.4091	4.6890	5.1248	5.0217	5.4960	5.3978
Rh-107	1.2689	1.0633	1.2478	1.3142	1.4056	1.3863	1.4905	1.5048
Rh-108	0.7769	0.6371	0.7615	0.8062	0.8723	0.8553	0.9347	0.9189
Rh-109	1.3987	1.1861	1.3771	1.4463	1.5316	1.5119	1.6225	1.6283
Rh-94	2.8289	2.2387	2.7510	2.9389	3.2412	3.1738	3.4974	3.4352
Rh-95	1.9548	1.5627	1.9022	2.0283	2.2076	2.1604	2.3750	2.3386
Rh-95m	1.1949	0.9742	1.1684	1.2390	1.3396	1.3086	1.4320	1.4165
Rh-96	4.7060	3.7832	4.5918	4.8867	5.3294	5.2252	5.7081	5.5944

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Rh-96m	1.1602	0.9500	1.1317	1.2008	1.2739	1.2520	1.3602	1.3434
Rh-97	1.6927	1.4041	1.6581	1.7521	1.8578	1.8265	1.9857	1.9573
Rh-97m	2.7174	2.2577	2.6575	2.8084	2.9696	2.9108	3.1780	3.1448
Rh-98	1.4029	1.1331	1.3701	1.4563	1.5836	1.5483	1.6967	1.6747
Rh-99	2.3311	2.0335	2.2967	2.3980	2.4189	2.3883	2.5448	2.5616
Rh-99m	1.8896	1.6168	1.8572	1.9491	1.9987	1.9705	2.1118	2.1399
Rn-207	2.7940	2.3257	2.7364	2.9008	2.9630	2.8678	3.1680	3.1575
Rn-209	3.0847	2.5602	3.0185	3.2031	3.2671	3.1575	3.5020	3.4738
Rn-210	0.2259	0.1877	0.2208	0.2350	0.2318	0.2209	0.2484	0.2498
Rn-211	3.8379	3.1375	3.7464	3.9895	4.1195	3.9750	4.4226	4.3940
Rn-212	0.0006	0.0005	0.0006	0.0006	0.0007	0.0007	0.0007	0.0007
Rn-215	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0015	0.0012	0.0015	0.0016	0.0017	0.0017	0.0019	0.0018
Rn-219	0.2648	0.2224	0.2602	0.2744	0.2872	0.2809	0.3055	0.3052
Rn-220	1.3257	1.0782	1.2997	1.3727	1.4918	1.4806	1.5947	1.5516
Rn-222	0.0009	0.0008	0.0009	0.0010	0.0010	0.0010	0.0011	0.0011
Rn-223	1.5082	1.2416	1.4674	1.5751	1.4666	1.3561	1.5792	1.6268
Ru-103	1.1807	0.9670	1.1570	1.2251	1.3257	1.2944	1.4147	1.4043
Ru-105	1.7147	1.4134	1.6802	1.7773	1.9096	1.8773	2.0347	2.0091
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	0.7109	0.5846	0.6964	0.7370	0.7963	0.7836	0.8522	0.8354
Ru-108	0.6308	0.5498	0.6232	0.6502	0.6748	0.6654	0.7113	0.6949
Ru-92	5.7365	4.9587	5.6511	5.9103	6.0861	5.9824	6.4330	6.4257
Ru-94	1.7791	1.5240	1.7481	1.8348	1.8630	1.8264	1.9706	1.9879
Ru-95	2.4294	2.0341	2.3808	2.5117	2.6231	2.5709	2.7875	2.8092
Ru-97	1.9358	1.6949	1.9091	1.9923	2.0041	1.9708	2.1115	2.1239
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	0.9780	0.7394	0.9380	1.0133	1.1492	1.1071	1.2685	1.2219
S-38	0.9574	0.7341	0.9237	0.9942	1.1155	1.0792	1.2236	1.2030
Sb-111	2.0552	1.7401	2.0217	2.1242	2.2527	2.2069	2.3883	2.3473
Sb-113	1.4942	1.2476	1.4659	1.5460	1.6411	1.5999	1.7428	1.7449
Sb-114	1.9301	1.5317	1.8765	2.0039	2.1980	2.1550	2.3717	2.3366
Sb-115	1.5253	1.2875	1.4976	1.5756	1.6506	1.6017	1.7466	1.7577
Sb-116	1.7290	1.3862	1.6814	1.7920	1.9438	1.8986	2.0933	2.0711
Sb-116m	5.0406	4.1644	4.9318	5.2164	5.5736	5.4536	5.9549	5.8892
Sb-117	1.7974	1.5951	1.7766	1.8462	1.8714	1.8224	1.9537	1.9457
Sb-118	0.1725	0.1555	0.1699	0.1762	0.1696	0.1622	0.1756	0.1832
Sb-118m	4.7908	4.0101	4.6934	4.9476	5.2329	5.1182	5.5521	5.5584

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Sb-119	0.5909	0.5519	0.5831	0.6021	0.5297	0.4942	0.5402	0.5860
Sb-120	0.2949	0.2760	0.2916	0.2997	0.2753	0.2605	0.2804	0.2996
Sb-120m	5.3473	4.4926	5.2463	5.5246	5.8617	5.7624	6.2481	6.1451
Sb-122m	1.3307	1.2148	1.3171	1.3605	1.3085	1.2699	1.3552	1.3762
Sb-122	0.9266	0.7542	0.9069	0.9618	1.0442	1.0192	1.1159	1.1061
Sb-124	2.2286	1.7761	2.1713	2.3150	2.5450	2.4812	2.7404	2.7045
Sb-124m	0.9443	0.7616	0.9220	0.9829	1.0462	1.0127	1.1221	1.1178
Sb-124n	0.0511	0.0350	0.0475	0.0561	0.0313	0.0192	0.0377	0.0464
Sb-125	1.4334	1.2241	1.4089	1.4786	1.5369	1.4966	1.6247	1.6243
Sb-126	5.2378	4.2405	5.1220	5.4399	5.9310	5.8183	6.3485	6.2185
Sb-126m	3.1495	2.5574	3.0815	3.2707	3.5552	3.4863	3.8090	3.7318
Sb-127	1.4821	1.2116	1.4513	1.5377	1.6658	1.6335	1.7772	1.7487
Sb-128	5.8247	4.7196	5.6957	6.0485	6.5918	6.4737	7.0386	6.9240
Sb-128m	3.7995	3.0893	3.7171	3.9447	4.2900	4.2236	4.5712	4.5037
Sb-129	1.9931	1.5927	1.9433	2.0709	2.2733	2.2286	2.4388	2.3852
Sb-130m	4.3420	3.5033	4.2403	4.5088	4.9243	4.8429	5.2667	5.1206
Sb-130	6.2999	5.1425	6.1648	6.5363	7.0940	6.9810	7.5714	7.4162
Sb-131	2.4824	1.9757	2.4176	2.5791	2.8363	2.7742	3.0522	3.0000
Sb-133	2.5692	2.0221	2.4958	2.6699	2.9537	2.8880	3.1925	3.1318
Sc-42m	3.5320	2.8034	3.4376	3.6693	4.0393	3.9579	4.3667	4.2901
Sc-43	0.2922	0.2412	0.2864	0.3036	0.3200	0.3132	0.3434	0.3410
Sc-44	1.2199	0.9556	1.1845	1.2690	1.4023	1.3754	1.5174	1.4911
Sc-44m	1.2188	1.0239	1.1991	1.2624	1.3422	1.3189	1.4190	1.4312
Sc-46	2.4342	1.9221	2.3682	2.5315	2.7945	2.7416	3.0078	2.9413
Sc-47	1.0108	0.8727	0.9985	1.0435	1.1030	1.0858	1.1634	1.1277
Sc-48	3.7552	2.9587	3.6506	3.9046	4.3139	4.2247	4.6566	4.5760
Sc-49	0.0007	0.0005	0.0006	0.0007	0.0008	0.0008	0.0008	0.0008
Sc-50	3.4268	2.7091	3.3328	3.5608	3.9284	3.8334	4.2398	4.1852
Se-70	2.2996	1.8310	2.2153	2.4293	2.0312	1.7793	2.2296	2.3794
Se-71	1.4148	1.1711	1.3862	1.4672	1.5597	1.5244	1.6681	1.6345
Se-72	1.3960	1.1070	1.3346	1.4831	1.0699	0.8630	1.1862	1.3317
Se-73	2.3431	1.9604	2.2935	2.4369	2.3981	2.2989	2.5661	2.5953
Se-73m	0.3412	0.2709	0.3288	0.3602	0.3056	0.2682	0.3344	0.3573
Se-75	3.1601	2.6017	3.0803	3.3048	3.1334	2.9301	3.3777	3.4749
Se-77m	1.0615	0.8837	1.0358	1.1086	1.0406	0.9668	1.1151	1.1349
Se-79m	0.6027	0.4658	0.5735	0.6440	0.4479	0.3410	0.5019	0.5795
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0247	0.0205	0.0243	0.0256	0.0276	0.0271	0.0292	0.0293
Se-81m	0.6550	0.5113	0.6252	0.6978	0.5047	0.3971	0.5619	0.6380
Se-83m	1.2125	0.9663	1.1812	1.2598	1.3841	1.3534	1.4907	1.4695

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Se-83	4.1249	3.3443	4.0314	4.2809	4.6624	4.5739	4.9999	4.9260
Se-84	1.2345	1.0204	1.2118	1.2804	1.3793	1.3583	1.4819	1.4447
Si-31	0.0008	0.0006	0.0008	0.0009	0.0010	0.0009	0.0010	0.0010
Si-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-139	2.0553	1.7198	2.0168	2.1275	2.2473	2.2025	2.3839	2.3858
Sm-140	1.3668	1.1872	1.3434	1.4079	1.4077	1.3722	1.4829	1.4845
Sm-141	1.7597	1.4642	1.7235	1.8213	1.9209	1.8801	2.0537	2.0260
Sm-141m	3.7627	3.1474	3.6888	3.8929	4.1083	4.0302	4.3796	4.3033
Sm-142	0.6453	0.5903	0.6360	0.6602	0.6033	0.5814	0.6221	0.6376
Sm-143	0.4272	0.3851	0.4205	0.4378	0.4092	0.3951	0.4246	0.4329
Sm-143m	1.1588	0.9355	1.1316	1.2035	1.3073	1.2854	1.3942	1.3541
Sm-145	1.3501	1.2363	1.3319	1.3808	1.2726	1.2302	1.3123	1.3401
Sm-146	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0014	0.0010	0.0013	0.0016	0.0009	0.0006	0.0011	0.0013
Sm-153	1.0655	0.9544	1.0521	1.0940	1.0626	1.0401	1.1115	1.1029
Sm-155	1.2698	1.1195	1.2561	1.3061	1.3458	1.3336	1.4177	1.3785
Sm-156	1.1947	1.0248	1.1742	1.2374	1.2260	1.1897	1.3042	1.2933
Sm-157	1.9202	1.6404	1.8904	1.9838	2.0789	2.0500	2.2143	2.1679
Sn-106	2.8901	2.4503	2.8400	2.9842	3.1327	3.0710	3.3204	3.3085
Sn-108	2.8530	2.4501	2.8095	2.9426	3.0616	3.0029	3.2347	3.2261
Sn-109	2.4870	2.0325	2.4253	2.5731	2.7532	2.6828	2.9494	2.9395
Sn-110	1.7593	1.5322	1.7348	1.8112	1.8550	1.8156	1.9410	1.9901
Sn-111	0.4840	0.4340	0.4764	0.4947	0.4795	0.4621	0.4982	0.5173
Sn-113	0.4849	0.4583	0.4802	0.4921	0.4474	0.4285	0.4540	0.4861
Sn-113m	0.3344	0.3132	0.3303	0.3404	0.3024	0.2831	0.3080	0.3328
Sn-117m	1.7393	1.5358	1.7185	1.7887	1.8190	1.7720	1.9028	1.8887
Sn-119m	0.4090	0.3746	0.4018	0.4191	0.3577	0.3283	0.3682	0.4029
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.1415	0.1268	0.1384	0.1458	0.1221	0.1102	0.1268	0.1385
Sn-123	0.0078	0.0061	0.0076	0.0081	0.0089	0.0088	0.0097	0.0095
Sn-123m	1.3399	1.1625	1.3236	1.3820	1.4503	1.4254	1.5274	1.4873
Sn-125m	1.3150	1.0992	1.2924	1.3624	1.4584	1.4387	1.5491	1.5653
Sn-125	0.4012	0.3180	0.3905	0.4170	0.4595	0.4502	0.4947	0.4853
Sn-126	0.9677	0.8638	0.9559	0.9945	0.9694	0.9462	1.0173	1.0116
Sn-127m	1.1722	0.9560	1.1477	1.2165	1.3198	1.2889	1.4112	1.3984
Sn-127	2.5549	2.0538	2.4922	2.6524	2.8999	2.8413	3.1145	3.0601
Sn-128	2.6701	2.3487	2.6326	2.7418	2.7787	2.7031	2.9096	2.9315
Sn-129	1.5683	1.2593	1.5310	1.6293	1.7840	1.7452	1.9140	1.8858

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Sn-130	3.2823	2.7954	3.2299	3.3886	3.5733	3.5196	3.7851	3.7122
Sn-130m	1.9266	1.6232	1.8908	1.9895	2.1062	2.0641	2.2352	2.2057
Sr-79	1.3586	1.1883	1.3384	1.3994	1.3895	1.3373	1.4622	1.4822
Sr-80	1.3371	1.1247	1.3066	1.3875	1.3289	1.2255	1.4133	1.4782
Sr-81	2.0376	1.7257	2.0044	2.1081	2.2144	2.1606	2.3544	2.3185
Sr-82	0.5100	0.4443	0.4948	0.5300	0.3883	0.2974	0.4089	0.4944
Sr-83	1.6269	1.3597	1.5851	1.6897	1.5835	1.4427	1.6869	1.7754
Sr-85	1.6580	1.3827	1.6193	1.7214	1.6761	1.5523	1.7834	1.8610
Sr-85m	1.4881	1.2670	1.4651	1.5400	1.5970	1.5570	1.6928	1.6905
Sr-87m	1.0957	0.9134	1.0752	1.1359	1.1910	1.1613	1.2765	1.2640
Sr-89	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Sr-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sr-91	0.9991	0.7961	0.9739	1.0386	1.1415	1.1181	1.2251	1.2013
Sr-92	1.2100	0.9466	1.1741	1.2577	1.3947	1.3667	1.5119	1.4864
Sr-93	3.2781	2.6468	3.2000	3.4027	3.6961	3.6097	3.9631	3.9026
Sr-94	1.2040	0.9377	1.1672	1.2516	1.3916	1.3607	1.5098	1.4846
Ta-170	1.5449	1.2866	1.5081	1.6093	1.5438	1.4652	1.6551	1.6681
Ta-172	3.4419	2.8419	3.3601	3.5795	3.5876	3.4488	3.8516	3.8510
Ta-173	2.6744	2.2452	2.6094	2.7858	2.5842	2.4256	2.7703	2.8183
Ta-174	2.7820	2.3283	2.7185	2.8939	2.8037	2.6751	3.0097	3.0235
Ta-175	3.6029	3.0233	3.5240	3.7406	3.6833	3.5311	3.9411	3.9593
Ta-176	3.4394	2.7940	3.3448	3.5805	3.5914	3.4291	3.8772	3.8867
Ta-177	1.2451	1.0657	1.2173	1.2946	1.1654	1.0891	1.2443	1.2755
Ta-178	1.2960	1.1012	1.2649	1.3495	1.2050	1.1203	1.2896	1.3256
Ta-178m	7.0559	5.9747	6.9272	7.3170	7.3634	7.1490	7.8511	7.8457
Ta-179	0.6602	0.5469	0.6397	0.6929	0.5750	0.5131	0.6228	0.6580
Ta-180	1.0581	0.9018	1.0330	1.1019	0.9746	0.9036	1.0424	1.0740
Ta-182	3.0246	2.4964	2.9534	3.1438	3.1739	3.0624	3.4060	3.3939
Ta-182m	3.4589	2.8921	3.3751	3.6107	3.3460	3.1297	3.5951	3.6589
Ta-183	3.1545	2.6365	3.0784	3.2918	3.0568	2.8651	3.2773	3.3565
Ta-184	4.9506	4.0743	4.8411	5.1506	5.2809	5.1052	5.6572	5.6455
Ta-185	1.8025	1.4997	1.7573	1.8835	1.7401	1.6241	1.8720	1.9069
Ta-186	4.7035	3.9109	4.6121	4.8805	5.1179	4.9965	5.4708	5.4073
Tb-146	2.5457	2.0129	2.4712	2.6429	2.8907	2.8117	3.1276	3.0866
Tb-147m	1.7228	1.4029	1.6765	1.7844	1.8744	1.8211	2.0170	2.0014
Tb-147	3.2036	2.6434	3.1315	3.3183	3.5036	3.4222	3.7502	3.7027
Tb-148m	5.6550	4.6263	5.5316	5.8668	6.2897	6.1659	6.7227	6.5818
Tb-148	2.4220	1.9637	2.3623	2.5124	2.6940	2.6325	2.8840	2.8254
Tb-149m	2.4608	2.0398	2.4078	2.5495	2.6701	2.6120	2.8375	2.7802
Tb-149	2.9428	2.4647	2.8838	3.0455	3.1743	3.1016	3.3809	3.3398

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Tb-150m	5.7338	4.7326	5.6167	5.9447	6.3257	6.1816	6.7473	6.6709
Tb-150	2.8018	2.2904	2.7334	2.9032	3.0760	2.9890	3.2979	3.2638
Tb-151	3.9062	3.3303	3.8384	4.0372	4.1338	4.0354	4.3812	4.3620
Tb-151m	0.8035	0.6381	0.7715	0.8508	0.6726	0.5776	0.7417	0.7998
Tb-152m	3.5279	3.0031	3.4649	3.6506	3.6969	3.5947	3.9192	3.9339
Tb-152	2.6105	2.1802	2.5562	2.7019	2.8150	2.7480	3.0004	2.9945
Tb-153	2.4116	2.0945	2.3712	2.4898	2.4445	2.3723	2.5853	2.5804
Tb-154	3.0016	2.4872	2.9301	3.1061	3.2251	3.1302	3.4587	3.4277
Tb-155	2.3704	2.0898	2.3360	2.4423	2.3770	2.3136	2.5041	2.4884
Tb-156	4.5632	3.8161	4.4687	4.7249	4.8889	4.7665	5.2181	5.1762
Tb-156m	0.7115	0.6553	0.7061	0.7259	0.7109	0.7023	0.7411	0.7294
Tb-156n	0.2196	0.1657	0.2080	0.2359	0.1601	0.1229	0.1819	0.2071
Tb-157	0.2302	0.1800	0.2195	0.2454	0.1743	0.1402	0.1945	0.2179
Tb-158	2.2520	1.8945	2.2028	2.3331	2.3299	2.2511	2.4811	2.4702
Tb-160	2.1744	1.7772	2.1240	2.2579	2.3811	2.3236	2.5500	2.5248
Tb-161	0.8529	0.7412	0.8336	0.8846	0.7708	0.7130	0.8187	0.8519
Tb-162	2.8924	2.3928	2.8345	3.0003	3.1761	3.1105	3.3785	3.3376
Tb-163	2.4331	2.0175	2.3875	2.5233	2.6887	2.6354	2.8712	2.8494
Tb-164	4.7438	3.8851	4.6391	4.9236	5.2400	5.1188	5.6078	5.5251
Tb-165	1.0582	0.8401	1.0278	1.1024	1.1629	1.1239	1.2586	1.2498
Tc-101	1.3954	1.1706	1.3723	1.4452	1.5446	1.5229	1.6367	1.6572
Tc-102m	3.0136	2.4101	2.9377	3.1296	3.4326	3.3506	3.6975	3.6445
Tc-102	0.1406	0.1139	0.1374	0.1459	0.1589	0.1554	0.1703	0.1679
Tc-104	2.9337	2.3727	2.8646	3.0439	3.3202	3.2524	3.5685	3.5258
Tc-105	2.3404	1.9766	2.3009	2.4193	2.5627	2.5219	2.7242	2.6924
Tc-91	1.0574	0.8281	1.0243	1.0974	1.2122	1.1771	1.3154	1.2935
Tc-91m	0.7989	0.6498	0.7813	0.8289	0.8974	0.8754	0.9598	0.9528
Tc-92	4.9867	4.1066	4.8824	5.1657	5.5656	5.4651	5.9438	5.8572
Tc-93	1.6311	1.3399	1.5884	1.6853	1.7472	1.6937	1.8726	1.8863
Tc-93m	1.2320	1.0225	1.2050	1.2738	1.3396	1.3076	1.4374	1.4230
Tc-94	4.2668	3.4707	4.1667	4.4249	4.7370	4.6358	5.0506	4.9623
Tc-94m	1.5488	1.2471	1.5090	1.6067	1.7320	1.6926	1.8542	1.8199
Tc-95	1.7289	1.4526	1.6925	1.7857	1.8243	1.7762	1.9284	1.9232
Tc-95m	2.3665	2.0180	2.3251	2.4426	2.5057	2.4497	2.6560	2.6444
Tc-96	4.1842	3.4084	4.0861	4.3384	4.6327	4.5423	4.9320	4.8295
Tc-96m	0.3200	0.2908	0.3148	0.3272	0.2891	0.2778	0.2991	0.3180
Tc-97	0.4876	0.4565	0.4811	0.4960	0.4139	0.3882	0.4226	0.4636
Tc-97m	0.3735	0.3502	0.3687	0.3799	0.3214	0.3091	0.3282	0.3561
Tc-98	2.4480	1.9687	2.3912	2.5437	2.7843	2.7308	2.9774	2.9110
Tc-99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Tc-99m	1.3569	1.1812	1.3407	1.3992	1.4605	1.4358	1.5507	1.5197
Te-113	1.3221	1.0495	1.2857	1.3728	1.5077	1.4735	1.6251	1.5956
Te-114	2.2692	1.9303	2.2248	2.3400	2.4087	2.3372	2.5504	2.5595
Te-115	2.0653	1.6721	2.0148	2.1413	2.3201	2.2703	2.4877	2.4586
Te-115m	2.3184	1.8631	2.2580	2.4044	2.6139	2.5524	2.8063	2.7667
Te-116	1.2925	1.1828	1.2786	1.3200	1.2727	1.2306	1.3143	1.3429
Te-117	1.7275	1.4229	1.6869	1.7866	1.8998	1.8466	2.0240	2.0104
Te-118	0.4695	0.4441	0.4645	0.4766	0.4303	0.4058	0.4357	0.4677
Te-119	1.7085	1.4423	1.6751	1.7636	1.8381	1.7821	1.9441	1.9544
Te-119m	3.1907	2.6864	3.1299	3.2959	3.4783	3.4011	3.6923	3.6650
Te-121	1.6820	1.4333	1.6517	1.7349	1.7951	1.7376	1.8933	1.9136
Te-121m	1.6136	1.4028	1.5900	1.6634	1.6968	1.6581	1.7926	1.7886
Te-123	0.0451	0.0311	0.0419	0.0494	0.0279	0.0173	0.0334	0.0410
Te-123m	1.5957	1.3994	1.5751	1.6436	1.6725	1.6282	1.7536	1.7349
Te-125m	0.8441	0.7929	0.8339	0.8585	0.7734	0.7286	0.7847	0.8379
Te-127	0.0162	0.0135	0.0159	0.0167	0.0179	0.0176	0.0191	0.0187
Te-127m	0.2825	0.2595	0.2778	0.2892	0.2521	0.2329	0.2586	0.2789
Te-129	0.2945	0.2496	0.2874	0.3056	0.2864	0.2676	0.3040	0.3161
Te-129m	0.2512	0.2263	0.2469	0.2575	0.2378	0.2238	0.2458	0.2585
Te-131	1.6705	1.4217	1.6448	1.7261	1.8284	1.7934	1.9403	1.9030
Te-131m	2.7125	2.2294	2.6547	2.8107	3.0268	2.9747	3.2264	3.1607
Te-132	1.9440	1.7143	1.9197	1.9981	2.0369	1.9944	2.1339	2.1407
Te-133	2.1147	1.7257	2.0689	2.1938	2.3800	2.3387	2.5464	2.5311
Te-133m	3.0663	2.4969	2.9969	3.1802	3.4431	3.3727	3.6803	3.6239
Te-134	2.8293	2.3862	2.7815	2.9254	3.1065	3.0570	3.2990	3.2413
Th-223	1.2989	1.1115	1.2714	1.3493	1.2367	1.1526	1.3198	1.3510
Th-224	0.2136	0.1823	0.2098	0.2213	0.2197	0.2111	0.2339	0.2334
Th-226	0.1681	0.1419	0.1636	0.1754	0.1501	0.1338	0.1611	0.1720
Th-227	1.4957	1.2560	1.4561	1.5601	1.3717	1.2392	1.4678	1.5636
Th-228	0.1373	0.1137	0.1323	0.1442	0.1077	0.0877	0.1167	0.1328
Th-229	2.0520	1.7280	1.9957	2.1428	1.8248	1.6284	1.9608	2.0803
Th-230	1.0241	0.9322	1.0280	1.0514	1.0918	1.0874	1.1134	1.1271
Th-231	1.0859	0.9159	1.0500	1.1361	0.8623	0.7171	0.9261	1.0488
Th-232	1.1675	0.9252	1.1337	1.2177	1.3446	1.3233	1.4261	1.3944
Th-233	0.3562	0.2900	0.3440	0.3746	0.3098	0.2708	0.3367	0.3617
Th-234	0.2505	0.2153	0.2446	0.2603	0.2252	0.2043	0.2395	0.2531
Th-235	0.1338	0.1100	0.1310	0.1389	0.1465	0.1427	0.1566	0.1544
Th-236	0.2673	0.2268	0.2615	0.2776	0.2618	0.2457	0.2795	0.2866
Ti-44	2.2083	1.9645	2.1878	2.2692	2.3008	2.2873	2.4272	2.3489
Ti-45	0.0192	0.0136	0.0180	0.0208	0.0138	0.0101	0.0161	0.0186

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ti-51	1.3422	1.1192	1.3187	1.3910	1.4919	1.4716	1.5831	1.6051
Ti-52	1.6563	1.4379	1.6322	1.7111	1.7204	1.6681	1.8410	1.8361
Tl-190	1.9215	1.5859	1.8805	1.9968	2.0609	1.9979	2.2135	2.1903
Tl-190m	4.9124	4.0254	4.8057	5.1037	5.3757	5.2328	5.7595	5.6949
Tl-194	2.1038	1.7458	2.0583	2.1876	2.1987	2.1144	2.3600	2.3523
Tl-194m	6.4895	5.3323	6.3454	6.7478	6.9614	6.7312	7.4590	7.4070
Tl-195	2.9797	2.4237	2.8949	3.1136	2.9659	2.7743	3.2058	3.2659
Tl-196	3.3339	2.7284	3.2536	3.4663	3.5548	3.4244	3.8288	3.8065
Tl-197	2.2919	1.9186	2.2395	2.3861	2.2765	2.1555	2.4430	2.4652
Tl-198	3.6587	2.9899	3.5691	3.8047	3.8975	3.7544	4.2016	4.1744
Tl-198m	4.4021	3.6270	4.3005	4.5845	4.5792	4.3752	4.9146	4.9473
Tl-199	2.2422	1.8889	2.1928	2.3343	2.2010	2.0792	2.3585	2.3888
Tl-200	3.4685	2.8590	3.3891	3.6070	3.6580	3.5293	3.9284	3.9235
Tl-201	1.8064	1.5176	1.7610	1.8865	1.6797	1.5493	1.8081	1.8579
Tl-202	2.3612	1.9723	2.3102	2.4565	2.4058	2.2976	2.5821	2.5878
Tl-204	0.0287	0.0239	0.0279	0.0301	0.0259	0.0236	0.0280	0.0291
Tl-206m	6.5459	5.4034	6.4143	6.7934	7.1953	7.0240	7.6851	7.6227
Tl-206	0.0014	0.0012	0.0013	0.0014	0.0013	0.0012	0.0014	0.0014
Tl-207	0.0033	0.0026	0.0032	0.0034	0.0038	0.0037	0.0040	0.0039
Tl-208	2.7413	2.1775	2.6645	2.8457	3.1163	3.0211	3.3673	3.3163
Tl-209	3.8336	3.1680	3.7534	3.9718	4.2311	4.1283	4.5444	4.4798
Tl-210	4.0966	3.2995	3.9927	4.2600	4.5267	4.4002	4.8570	4.8230
Tm-161	4.4010	3.7835	4.3176	4.5502	4.4442	4.2806	4.7293	4.7292
Tm-162	2.3900	1.9731	2.3319	2.4788	2.5335	2.4475	2.7199	2.6967
Tm-163	3.7400	3.1724	3.6651	3.8701	3.8694	3.7452	4.1247	4.1127
Tm-164	1.0241	0.8695	1.0015	1.0614	1.0198	0.9741	1.0900	1.0947
Tm-165	2.9938	2.5624	2.9397	3.0979	3.0702	2.9698	3.2581	3.2697
Tm-166	3.6286	2.9955	3.5416	3.7665	3.8332	3.7015	4.1145	4.0822
Tm-167	1.9022	1.6357	1.8641	1.9729	1.8494	1.7591	1.9733	1.9929
Tm-168	4.2362	3.5473	4.1497	4.3945	4.4697	4.3403	4.7738	4.7090
Tm-170	0.0970	0.0803	0.0941	0.1018	0.0864	0.0781	0.0938	0.0974
Tm-171	0.0144	0.0123	0.0140	0.0149	0.0131	0.0121	0.0140	0.0145
Tm-172	0.7421	0.5934	0.7195	0.7752	0.7676	0.7270	0.8335	0.8386
Tm-173	1.2839	1.0669	1.2599	1.3317	1.4065	1.3792	1.5108	1.4782
Tm-174	5.4877	4.5522	5.3774	5.6964	5.9495	5.7964	6.3544	6.3271
Tm-175	2.1949	1.7886	2.1454	2.2799	2.4266	2.3626	2.5980	2.5735
Tm-176	3.8142	3.1313	3.7268	3.9618	4.1288	4.0104	4.4354	4.3967
U-227	1.3285	1.1345	1.3017	1.3786	1.2993	1.2224	1.3806	1.4175
U-228	0.1563	0.1323	0.1516	0.1632	0.1298	0.1112	0.1390	0.1538
U-230	0.1542	0.1294	0.1488	0.1616	0.1184	0.0956	0.1275	0.1473

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
U-231	2.2746	1.9455	2.2155	2.3675	1.9909	1.7701	2.1234	2.2799
U-232	0.1411	0.1179	0.1359	0.1480	0.1056	0.0834	0.1140	0.1336
U-233	0.0752	0.0622	0.0723	0.0791	0.0559	0.0437	0.0606	0.0712
U-234	1.0027	0.9346	1.0039	1.0262	1.0499	1.0531	1.0689	1.0708
U-235	1.5284	1.3209	1.5131	1.5841	1.6708	1.6634	1.7789	1.7263
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	0.1158	0.0966	0.1115	0.1215	0.0861	0.0675	0.0930	0.1094
U-237	2.2552	1.9485	2.2104	2.3365	2.1554	2.0243	2.2878	2.3519
U-238	0.9468	0.7856	0.9282	0.9807	1.0637	1.0563	1.1306	1.0802
U-239	0.7738	0.6855	0.7638	0.7965	0.7717	0.7508	0.8145	0.8083
U-240	0.4023	0.3372	0.3885	0.4215	0.3166	0.2632	0.3411	0.3869
U-242	0.2764	0.2416	0.2727	0.2846	0.2875	0.2810	0.3028	0.3015
V-47	0.0122	0.0092	0.0116	0.0129	0.0116	0.0103	0.0128	0.0134
V-48	2.5770	2.0161	2.5006	2.6836	2.9329	2.8592	3.1743	3.1292
V-49	0.1262	0.0865	0.1172	0.1385	0.0773	0.0474	0.0931	0.1146
V-50	1.2476	0.9608	1.2046	1.3027	1.3862	1.3268	1.5105	1.5041
V-52	1.1602	0.9006	1.1238	1.2061	1.3430	1.3125	1.4592	1.4359
V-53	1.2526	0.9882	1.2183	1.3027	1.4381	1.4051	1.5502	1.5269
W-177	4.8684	4.0846	4.7604	5.0642	4.8917	4.6574	5.2421	5.2825
W-178	0.5154	0.4092	0.4945	0.5468	0.4183	0.3525	0.4621	0.5040
W-179	1.4069	1.1754	1.3649	1.4736	1.2301	1.1013	1.3254	1.4028
W-179m	0.9660	0.8096	0.9407	1.0093	0.8924	0.8219	0.9591	0.9933
W-181	0.9469	0.7963	0.9213	0.9896	0.8517	0.7768	0.9157	0.9548
W-185m	0.9468	0.7109	0.8978	1.0173	0.7143	0.5572	0.8110	0.9152
W-185	0.0009	0.0008	0.0009	0.0009	0.0009	0.0008	0.0009	0.0009
W-187	1.4416	1.1994	1.4121	1.4964	1.5362	1.4878	1.6406	1.6297
W-188	0.0138	0.0115	0.0135	0.0143	0.0140	0.0134	0.0150	0.0153
W-190	2.3382	1.9842	2.2877	2.4333	2.2646	2.1320	2.4153	2.4500
Xe-120	2.0465	1.8147	2.0173	2.1001	2.0904	2.0262	2.1810	2.2075
Xe-121	1.7102	1.4500	1.6773	1.7639	1.8448	1.7966	1.9572	1.9527
Xe-122	0.7503	0.6873	0.7410	0.7662	0.7291	0.6989	0.7496	0.7789
Xe-123	1.8185	1.5897	1.7920	1.8709	1.9117	1.8620	2.0092	2.0057
Xe-125	2.1330	1.8874	2.1052	2.1912	2.2119	2.1569	2.3141	2.3244
Xe-127	2.3157	2.0323	2.2848	2.3829	2.4321	2.3807	2.5610	2.5464
Xe-127m	1.9596	1.7269	1.9356	2.0166	2.0588	2.0122	2.1761	2.1585
Xe-129m	1.0484	0.9781	1.0356	1.0676	0.9801	0.9321	0.9977	1.0476
Xe-131m	0.4440	0.4106	0.4376	0.4534	0.4091	0.3848	0.4178	0.4419
Xe-133	0.8307	0.7578	0.8227	0.8494	0.8331	0.8177	0.8659	0.8595
Xe-133m	0.5549	0.5065	0.5474	0.5675	0.5339	0.5095	0.5490	0.5717
Xe-135	1.2973	1.1009	1.2786	1.3415	1.4253	1.4013	1.5017	1.5061

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Xe-135m	1.0504	0.8693	1.0296	1.0882	1.1627	1.1318	1.2365	1.2334
Xe-137	0.4169	0.3415	0.4085	0.4325	0.4682	0.4587	0.5017	0.4936
Xe-138	1.6002	1.2966	1.5606	1.6629	1.7589	1.7026	1.8930	1.8859
Y-81	1.7587	1.5296	1.7320	1.8157	1.7925	1.7202	1.9081	1.9163
Y-83	1.0476	0.8938	1.0244	1.0819	1.0391	0.9689	1.0978	1.1414
Y-83m	1.2172	1.0312	1.1964	1.2593	1.2929	1.2493	1.3674	1.3884
Y-84m	3.9811	3.1637	3.8771	4.1387	4.5415	4.4456	4.8774	4.7734
Y-85	1.0228	0.8454	1.0003	1.0609	1.0906	1.0405	1.1619	1.1787
Y-85m	1.1283	0.9277	1.1006	1.1698	1.1999	1.1438	1.2844	1.2995
Y-86	4.1987	3.3693	4.0884	4.3609	4.6695	4.5190	5.0221	4.9916
Y-86m	1.4714	1.2548	1.4495	1.5218	1.5990	1.5759	1.7051	1.6717
Y-87	1.5970	1.3431	1.5619	1.6552	1.6109	1.5015	1.7118	1.7774
Y-87m	1.0717	0.8974	1.0523	1.1101	1.1614	1.1331	1.2417	1.2355
Y-88	2.7810	2.2272	2.6992	2.8874	3.0119	2.8643	3.2473	3.2673
Y-89m	1.2192	0.9676	1.1874	1.2678	1.3953	1.3679	1.4969	1.4605
Y-90	0.0001	0.0001	0.0001	0.0001	0.0000	0.0000	0.0001	0.0001
Y-90m	2.6101	2.1967	2.5669	2.7017	2.8722	2.8230	3.0660	3.0125
Y-91	0.0031	0.0024	0.0030	0.0032	0.0036	0.0035	0.0039	0.0038
Y-91m	1.1634	0.9491	1.1390	1.2076	1.3043	1.2702	1.3933	1.3849
Y-92	0.3205	0.2546	0.3121	0.3331	0.3666	0.3589	0.3943	0.3866
Y-93	0.1682	0.1380	0.1647	0.1743	0.1887	0.1850	0.2012	0.2006
Y-94	0.9492	0.7525	0.9241	0.9868	1.0874	1.0649	1.1692	1.1438
Y-95	0.6874	0.5336	0.6651	0.7139	0.7963	0.7739	0.8668	0.8475
Yb-162	2.4586	2.1194	2.4158	2.5453	2.4827	2.3888	2.6416	2.6344
Yb-163	1.7377	1.4513	1.6944	1.8087	1.7085	1.6114	1.8344	1.8600
Yb-164	0.9751	0.8523	0.9564	1.0090	0.9168	0.8666	0.9735	0.9896
Yb-165	2.6976	2.2838	2.6311	2.8108	2.5125	2.3376	2.7004	2.7617
Yb-166	1.8415	1.6122	1.8075	1.9048	1.7407	1.6518	1.8486	1.8698
Yb-167	4.1465	3.5772	4.0667	4.2993	4.0316	3.8344	4.3002	4.3301
Yb-169	4.5924	3.9922	4.5139	4.7495	4.5458	4.3681	4.8272	4.8410
Yb-175	0.2018	0.1709	0.1983	0.2090	0.2140	0.2087	0.2284	0.2267
Yb-177	0.7245	0.6140	0.7114	0.7501	0.7685	0.7473	0.8190	0.8087
Yb-178	0.1457	0.1207	0.1427	0.1514	0.1562	0.1520	0.1677	0.1672
Yb-179	2.3648	1.9394	2.3156	2.4549	2.6213	2.5554	2.8033	2.7811
Zn-60	1.4190	1.1758	1.3911	1.4710	1.5595	1.5250	1.6599	1.6470
Zn-61	0.5305	0.4209	0.5160	0.5513	0.6028	0.5861	0.6515	0.6426
Zn-62	1.4534	1.1533	1.4031	1.5306	1.3712	1.2417	1.4926	1.5627
Zn-63	0.2364	0.1849	0.2290	0.2475	0.2534	0.2408	0.2747	0.2755
Zn-65	1.0419	0.7754	0.9937	1.1080	0.9688	0.8534	1.0793	1.1390
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Zn-69m	1.1623	0.9540	1.1389	1.2073	1.2883	1.2593	1.3833	1.3611
Zn-71	0.6430	0.5242	0.6293	0.6673	0.7241	0.7082	0.7747	0.7647
Zn-71m	3.6597	2.9979	3.5861	3.7977	4.1114	4.0289	4.4023	4.3397
Zn-72	2.1029	1.7250	2.0439	2.2056	1.9999	1.8370	2.1695	2.2272
Zr-85	1.1092	0.9096	1.0861	1.1505	1.2340	1.2059	1.3232	1.3051
Zr-86	2.4761	2.1695	2.4354	2.5499	2.4281	2.2807	2.5416	2.6636
Zr-87	0.1788	0.1515	0.1743	0.1846	0.1729	0.1590	0.1836	0.1935
Zr-88	1.7078	1.4551	1.6754	1.7655	1.7407	1.6554	1.8535	1.8860
Zr-89	1.6295	1.3376	1.5889	1.6891	1.7278	1.6488	1.8417	1.8564
Zr-89m	1.1947	0.9714	1.1683	1.2400	1.3381	1.3016	1.4314	1.4230
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	1.1926	0.9561	1.1643	1.2396	1.3593	1.3369	1.4523	1.4096
Zr-97	1.4209	1.1415	1.3872	1.4763	1.6150	1.5866	1.7263	1.6822

Table 5: Drywall 1 cm Contamination Thickness 100x100x10 ft and 200x200x20 ft rooms

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ac-223	0.2451	0.2203	0.2842	0.3114	0.1999	0.2000	0.2288	0.2712
Ac-224	2.9180	2.8867	3.1376	3.1491	2.7137	2.7589	2.9959	2.9233
Ac-225	0.3304	0.2963	0.3817	0.4183	0.2662	0.2628	0.3065	0.3606
Ac-226	1.3353	1.3300	1.4340	1.4268	1.2468	1.2693	1.4040	1.3427
Ac-227	0.0556	0.0410	0.0728	0.0893	0.0343	0.0324	0.0426	0.0704
Ac-228	2.1129	2.1316	2.2749	2.2130	1.9773	2.0247	2.3532	2.1969
Ac-230	0.9006	0.9047	0.9731	0.9550	0.8361	0.8623	0.9943	0.9410
Ac-231	3.0635	3.0978	3.2579	3.1887	2.9146	2.9933	3.2770	3.0901
Ac-232	1.4946	1.5178	1.6109	1.5426	1.4049	1.4511	1.7016	1.5467
Ac-233	1.4338	1.4624	1.5044	1.4948	1.3804	1.4500	1.5797	1.5144
Ag-100m	2.7728	2.8899	2.9128	2.6939	2.7136	2.8183	3.2884	2.8445
Ag-101	2.2264	2.2920	2.3387	2.2288	2.1555	2.2237	2.5115	2.3149
Ag-102m	1.6974	1.7599	1.7945	1.6922	1.6533	1.7343	1.9600	1.7392
Ag-102	4.1145	4.2755	4.3186	4.0588	4.0157	4.1816	4.7971	4.2370
Ag-103	2.3438	2.3870	2.4628	2.3852	2.2432	2.2882	2.5590	2.3361
Ag-104	4.9699	5.1444	5.2166	4.9254	4.8178	4.9773	5.7830	5.1440
Ag-104m	1.9959	2.0538	2.0899	2.0120	1.9307	2.0116	2.2610	2.0635
Ag-105	2.4480	2.4821	2.5757	2.5139	2.3182	2.3677	2.6461	2.4868
Ag-105m	0.0226	0.0165	0.0301	0.0370	0.0145	0.0143	0.0175	0.0294
Ag-106	0.4280	0.4263	0.4488	0.4558	0.3941	0.3994	0.4497	0.4438
Ag-106m	6.0281	6.2269	6.3181	6.0321	5.8400	6.0541	6.8653	6.2279
Ag-108	0.0489	0.0495	0.0512	0.0497	0.0462	0.0471	0.0543	0.0504
Ag-108m	4.5107	4.6284	4.7138	4.5273	4.3489	4.4945	5.0785	4.6722
Ag-109m	0.2529	0.2394	0.2704	0.2859	0.2178	0.2085	0.2442	0.2588
Ag-110	0.0709	0.0733	0.0740	0.0694	0.0691	0.0715	0.0834	0.0735
Ag-110m	4.8840	5.0934	5.1261	4.7413	4.7853	4.9534	5.8263	5.0490
Ag-111	0.1285	0.1326	0.1352	0.1295	0.1249	0.1299	0.1418	0.1298
Ag-111m	0.1393	0.1289	0.1522	0.1640	0.1164	0.1109	0.1323	0.1467
Ag-112	1.1087	1.1512	1.1608	1.0829	1.0850	1.1295	1.3012	1.1382
Ag-113m	0.9129	0.9346	0.9636	0.9297	0.8787	0.9103	1.0090	0.9260
Ag-113	0.2874	0.2968	0.3025	0.2872	0.2796	0.2900	0.3247	0.2922
Ag-114	0.4581	0.4749	0.4783	0.4558	0.4481	0.4693	0.5267	0.4739
Ag-115	1.0234	1.0602	1.0770	1.0178	0.9991	1.0360	1.1525	1.0320
Ag-116	2.6682	2.7750	2.8028	2.6531	2.6149	2.7486	3.0821	2.7536
Ag-117	2.0082	2.0831	2.1179	1.9958	1.9628	2.0460	2.2754	1.9880
Ag-99	2.8457	2.9530	2.9988	2.8151	2.7738	2.8711	3.2778	2.9521
Al-26	1.4870	1.5708	1.5811	1.4352	1.4635	1.5427	1.7608	1.4793
Al-28	1.4493	1.5323	1.5411	1.3972	1.4267	1.5035	1.7146	1.4386
Al-29	1.5240	1.5981	1.6077	1.4689	1.4995	1.5646	1.8336	1.5392

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Am-237	3.0506	3.0243	3.2773	3.2826	2.8281	2.8751	3.1793	3.1490
Am-238	3.0090	3.0131	3.2277	3.1760	2.8108	2.8605	3.2582	3.1048
Am-239	3.3913	3.3008	3.6838	3.7571	3.0745	3.0948	3.4342	3.4985
Am-240	3.1898	3.1759	3.4497	3.4057	2.9443	2.9809	3.4627	3.3222
Am-241	1.0573	1.0876	1.0855	1.0686	1.0467	1.0764	1.0836	1.0564
Am-242	0.4201	0.3863	0.4722	0.5074	0.3482	0.3405	0.4003	0.4483
Am-242m	0.2234	0.1848	0.2686	0.3110	0.1567	0.1461	0.1921	0.2564
Am-243	1.0788	1.0661	1.1409	1.1530	1.0135	1.0291	1.0711	1.0596
Am-244	2.6921	2.6446	2.9265	2.9272	2.4321	2.4516	2.9301	2.8282
Am-244m	0.1401	0.1246	0.1613	0.1774	0.1092	0.1047	0.1317	0.1539
Am-245	0.3753	0.3698	0.4044	0.4071	0.3455	0.3490	0.3871	0.3890
Am-246	3.7362	3.6508	4.0580	4.0944	3.3684	3.3900	3.9561	3.8429
Am-246m	1.8480	1.8884	1.9763	1.8812	1.7555	1.7980	2.1329	1.9256
Am-247	1.4087	1.4003	1.5097	1.5052	1.3122	1.3316	1.4711	1.4345
Ar-37	0.0219	0.0141	0.0310	0.0400	0.0119	0.0116	0.0147	0.0304
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	1.5003	1.5740	1.5820	1.4454	1.4761	1.5385	1.8041	1.5122
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	1.8140	1.9010	1.9164	1.7631	1.7826	1.8577	2.1565	1.8565
Ar-44	2.8239	2.9468	2.9841	2.7783	2.7679	2.8812	3.2233	2.7339
As-68	3.5673	3.7322	3.7638	3.4643	3.5015	3.6382	4.2493	3.6575
As-69	0.5437	0.5474	0.5855	0.5732	0.5151	0.5314	0.5896	0.5583
As-70	4.6718	4.8754	4.9374	4.5701	4.5718	4.7484	5.5314	4.7946
As-71	2.0203	1.9648	2.2299	2.2740	1.8437	1.8900	2.1030	2.0308
As-72	1.5296	1.5796	1.6274	1.5247	1.4780	1.5265	1.8213	1.6118
As-73	0.8920	0.6152	1.2185	1.5347	0.5340	0.5247	0.6360	1.1900
As-74	1.2673	1.2559	1.3683	1.3627	1.1798	1.2223	1.4019	1.3610
As-76	0.9146	0.9462	0.9526	0.9116	0.8939	0.9345	1.0493	0.9494
As-77	0.0475	0.0487	0.0500	0.0483	0.0461	0.0475	0.0518	0.0493
As-78	2.0819	2.1656	2.1825	2.0322	2.0390	2.1215	2.4545	2.1389
As-79	0.0922	0.0956	0.0966	0.0923	0.0899	0.0939	0.1033	0.0951
At-204	6.2586	6.3898	6.5858	6.4073	6.0244	6.2625	6.9391	6.4961
At-205	3.1094	3.1286	3.3160	3.2509	2.9441	3.0337	3.3836	3.1852
At-206	6.4628	6.6107	6.8128	6.5912	6.2272	6.4632	7.1645	6.6755
At-207	4.8914	4.9663	5.2024	5.0385	4.6689	4.8237	5.4245	5.0202
At-208	7.7171	7.8722	8.1741	7.8374	7.4112	7.6430	8.6997	7.8685
At-209	6.9215	7.0265	7.3451	7.1411	6.6080	6.8179	7.6852	7.1367
At-210	5.9165	6.0329	6.3207	6.0659	5.6543	5.8388	6.5848	6.0744
At-211	0.6783	0.6504	0.7413	0.7721	0.6113	0.6227	0.6593	0.6946
At-215	0.0007	0.0007	0.0008	0.0007	0.0007	0.0007	0.0007	0.0007

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
At-216	0.0366	0.0358	0.0395	0.0402	0.0338	0.0346	0.0365	0.0370
At-217	0.0016	0.0016	0.0017	0.0017	0.0015	0.0016	0.0017	0.0017
At-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-220	2.3404	2.3951	2.4705	2.3849	2.2587	2.3316	2.5573	2.4274
Au-186	3.6471	3.7015	3.8763	3.7647	3.4957	3.5965	3.9525	3.6330
Au-187	2.7661	2.7356	2.9982	2.9982	2.5760	2.6441	2.8902	2.8500
Au-190	4.2553	4.3276	4.5413	4.3843	4.0831	4.2341	4.6732	4.3303
Au-191	3.4638	3.4287	3.7248	3.7462	3.2422	3.3260	3.5679	3.5665
Au-192	3.9389	4.0010	4.2077	4.0681	3.7692	3.9037	4.3132	3.9796
Au-193	2.1302	2.0680	2.3143	2.3742	1.9620	1.9927	2.0923	2.1703
Au-193m	1.6360	1.5911	1.7997	1.8355	1.4889	1.5202	1.6749	1.7808
Au-194	3.1354	3.1588	3.3556	3.2871	2.9787	3.0725	3.3584	3.1708
Au-195	1.7172	1.6029	1.9190	2.0425	1.5126	1.5250	1.5998	1.8054
Au-195m	1.6505	1.6053	1.8153	1.8512	1.5018	1.5339	1.6904	1.7905
Au-196	2.8900	2.8960	3.0873	3.0670	2.7356	2.8232	3.0011	2.9298
Au-196m	3.4383	3.2827	3.8119	3.9656	3.0812	3.1310	3.3958	3.5081
Au-198	1.4534	1.4960	1.5212	1.4848	1.4100	1.4787	1.5342	1.5032
Au-198m	5.7137	5.6886	6.1340	6.1116	5.3870	5.5050	5.9022	5.6590
Au-199	1.1620	1.1555	1.2488	1.2467	1.0927	1.1186	1.2192	1.1218
Au-200	0.5548	0.5753	0.5843	0.5519	0.5408	0.5639	0.6275	0.5624
Au-200m	7.3043	7.4910	7.6849	7.4295	7.0706	7.3353	8.0918	7.4921
Au-201	0.1577	0.1512	0.1747	0.1821	0.1411	0.1453	0.1608	0.1697
Au-202	0.3497	0.3629	0.3669	0.3496	0.3414	0.3567	0.3948	0.3607
Ba-124	1.6442	1.6543	1.7376	1.7043	1.5677	1.5887	1.7677	1.6409
Ba-126	2.1339	2.1639	2.2516	2.1861	2.0462	2.0838	2.3350	2.1838
Ba-127	0.8812	0.8796	0.9319	0.9227	0.8362	0.8425	0.9256	0.8657
Ba-128	0.7592	0.7405	0.8078	0.8210	0.7035	0.6968	0.7735	0.7761
Ba-129	0.9204	0.9095	0.9779	0.9797	0.8633	0.8644	0.9536	0.9185
Ba-129m	4.4614	4.5589	4.7097	4.5395	4.3008	4.4227	4.9370	4.4869
Ba-131	2.6663	2.6918	2.8007	2.7729	2.5549	2.6130	2.8256	2.6904
Ba-131m	1.2415	1.2318	1.3172	1.3173	1.1778	1.1900	1.2718	1.2430
Ba-133	2.8517	2.8659	3.0058	2.9716	2.7202	2.7768	2.9929	2.8572
Ba-133m	0.7368	0.7033	0.8059	0.8358	0.6641	0.6632	0.7385	0.7789
Ba-135m	0.6363	0.6228	0.6785	0.6860	0.5925	0.5912	0.6527	0.6566
Ba-137m	1.4082	1.4521	1.4699	1.3798	1.3722	1.4173	1.6517	1.4588
Ba-139	0.4490	0.4586	0.4719	0.4561	0.4361	0.4472	0.4906	0.4166
Ba-140	0.8020	0.7868	0.8689	0.8892	0.7390	0.7613	0.8410	0.8447
Ba-141	2.9954	3.0924	3.1495	2.9958	2.9186	3.0202	3.3549	2.9807
Ba-142	2.5204	2.6057	2.6533	2.5068	2.4577	2.5341	2.8662	2.5839

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.1514	0.1563	0.1573	0.1554	0.1477	0.1559	0.1649	0.1584
Bi-197	3.5616	3.6009	3.8148	3.7054	3.3808	3.4823	3.9297	3.6639
Bi-200	7.2330	7.3766	7.6533	7.4659	6.9510	7.2090	7.8426	7.4854
Bi-201	3.6248	3.6739	3.8789	3.7548	3.4493	3.5569	4.0008	3.7082
Bi-202	6.7370	6.8924	7.1319	6.8586	6.4889	6.7136	7.5004	6.9315
Bi-203	4.5060	4.5938	4.8101	4.6172	4.3109	4.4545	5.0363	4.6084
Bi-204	6.7714	6.9316	7.1954	6.8919	6.5126	6.7271	7.5876	6.9580
Bi-205	3.3887	3.4257	3.6322	3.5278	3.2146	3.3203	3.7266	3.4775
Bi-206	7.8380	8.0193	8.3063	7.9937	7.5401	7.8036	8.7970	8.0637
Bi-207	3.9256	3.9782	4.1730	4.0688	3.7473	3.8741	4.3249	4.0498
Bi-208	2.1539	2.1608	2.3518	2.2799	2.0304	2.1272	2.3661	2.2307
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.5372	1.5685	1.6282	1.5739	1.4801	1.5281	1.6818	1.5919
Bi-211	0.2386	0.2434	0.2525	0.2458	0.2293	0.2385	0.2564	0.2404
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	0.2483	0.2379	0.2788	0.2855	0.2188	0.2234	0.2648	0.2731
Bi-213	0.4700	0.4806	0.4931	0.4864	0.4533	0.4747	0.4991	0.4866
Bi-214	2.0101	2.0961	2.1152	1.9618	1.9691	2.0525	2.3657	2.0519
Bi-215	1.1201	1.1389	1.1890	1.1544	1.0730	1.1088	1.2250	1.1445
Bi-216	2.1944	2.2585	2.2868	2.2316	2.1340	2.2372	2.4188	2.2839
Bk-245	2.9733	2.9351	3.1939	3.2111	2.7488	2.7774	3.0591	3.0430
Bk-246	3.0179	2.9935	3.2593	3.2311	2.7747	2.8064	3.2782	3.1443
Bk-247	1.5885	1.6005	1.6781	1.6532	1.5165	1.5510	1.6650	1.6060
Bk-248m	0.6004	0.5788	0.6538	0.6747	0.5353	0.5360	0.6048	0.6210
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	1.5803	1.6249	1.6891	1.5948	1.5116	1.5471	1.8364	1.6424
Bk-251	1.4596	1.4178	1.5847	1.6195	1.3191	1.3225	1.4810	1.4729
Br-72	2.8923	3.0138	3.0571	2.8434	2.8235	2.9325	3.4116	2.9861
Br-73	1.6006	1.6308	1.6896	1.6335	1.5422	1.5841	1.7397	1.6225
Br-74	3.2479	3.3579	3.4525	3.2358	3.1736	3.3258	3.7811	3.3356
Br-74m	4.0644	4.2093	4.2893	4.0041	3.9660	4.1315	4.7795	4.1890
Br-75	2.1403	2.1756	2.2814	2.2165	2.0438	2.1139	2.3498	2.2192
Br-76	2.9176	2.9786	3.1149	2.9987	2.7936	2.9207	3.3186	3.0470
Br-76m	1.0184	0.8957	1.1767	1.3115	0.8076	0.7943	0.8909	1.1351
Br-77	1.5549	1.4833	1.7378	1.8153	1.3692	1.4031	1.5828	1.7111
Br-77m	0.4898	0.4243	0.5817	0.6528	0.3749	0.3688	0.4321	0.5582
Br-78	0.2374	0.2359	0.2556	0.2527	0.2207	0.2278	0.2638	0.2535
Br-80	0.1489	0.1464	0.1619	0.1617	0.1365	0.1404	0.1638	0.1604
Br-80m	0.7989	0.6645	0.9610	1.1085	0.5798	0.5539	0.6694	0.9327

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Br-82m	0.2970	0.2238	0.3838	0.4651	0.1812	0.1699	0.2253	0.3719
Br-82	4.9611	5.1648	5.1964	4.8532	4.8583	5.0435	5.8643	5.1392
Br-83	0.0190	0.0196	0.0198	0.0194	0.0185	0.0195	0.0212	0.0199
Br-84m	4.4922	4.6945	4.7273	4.4177	4.4002	4.5892	5.1817	4.6031
Br-84	1.6427	1.7209	1.7426	1.6026	1.6164	1.6897	1.9626	1.6901
Br-85	0.1099	0.1151	0.1158	0.1066	0.1079	0.1116	0.1320	0.1139
C-10	1.5116	1.5716	1.5813	1.4676	1.4789	1.5288	1.8097	1.5754
C-11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0391	0.0251	0.0554	0.0714	0.0213	0.0208	0.0263	0.0543
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	1.3214	1.3846	1.3914	1.2795	1.2989	1.3543	1.5798	1.3394
Ca-49	1.3941	1.4425	1.5106	1.4287	1.3810	1.4876	1.6267	1.4289
Cd-101	2.8996	2.9940	3.0516	2.8857	2.8142	2.9033	3.2717	2.9125
Cd-102	2.2879	2.3297	2.3948	2.3589	2.1839	2.2471	2.4753	2.3480
Cd-103	2.2300	2.2951	2.3602	2.2336	2.1376	2.2007	2.5379	2.2609
Cd-104	1.6477	1.6444	1.7231	1.7176	1.5414	1.5469	1.7232	1.6491
Cd-105	1.5186	1.5565	1.6056	1.5292	1.4473	1.4833	1.7167	1.5422
Cd-107	0.6949	0.6574	0.7397	0.7829	0.5940	0.5619	0.6712	0.7099
Cd-109	0.6385	0.6019	0.6809	0.7233	0.5428	0.5122	0.6137	0.6531
Cd-111m	2.2283	2.2720	2.3460	2.2735	2.1434	2.1862	2.4162	2.2872
Cd-113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0007	0.0007	0.0007	0.0007	0.0006	0.0006	0.0007	0.0007
Cd-115	0.5837	0.6006	0.6067	0.5972	0.5677	0.5948	0.6450	0.6107
Cd-115m	0.0510	0.0534	0.0537	0.0496	0.0501	0.0519	0.0608	0.0525
Cd-117	2.0568	2.1394	2.1670	2.0322	2.0094	2.0875	2.3561	2.0939
Cd-117m	2.4095	2.5229	2.5426	2.3454	2.3666	2.4704	2.8523	2.4580
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	2.4827	2.5882	2.6225	2.4441	2.4290	2.5315	2.8636	2.5021
Cd-119m	2.8342	2.9659	2.9911	2.7595	2.7821	2.8993	3.3429	2.8862
Ce-130	2.6256	2.6482	2.7686	2.7103	2.5175	2.5584	2.8092	2.6168
Ce-131	3.1713	3.2330	3.3506	3.2416	3.0515	3.1418	3.4868	3.2144
Ce-132	2.5794	2.6050	2.7200	2.6637	2.4768	2.5192	2.7452	2.4746
Ce-133	1.9223	1.9059	2.0209	2.0270	1.8281	1.8405	1.9632	1.9288
Ce-133m	4.3251	4.4195	4.5412	4.3987	4.1830	4.3121	4.7539	4.4001
Ce-134	0.5661	0.5394	0.6050	0.6296	0.5168	0.5052	0.5532	0.5778
Ce-135	3.2089	3.2650	3.3761	3.2737	3.0905	3.1708	3.5394	3.3090
Ce-137	0.6579	0.6097	0.7237	0.7734	0.5794	0.5680	0.6264	0.6955
Ce-137m	0.6230	0.6072	0.6635	0.6751	0.5794	0.5765	0.6310	0.6503
Ce-139	1.9656	1.9706	2.0769	2.0507	1.8774	1.9029	2.0865	1.8714

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ce-141	0.9465	0.9622	0.9931	0.9662	0.9178	0.9377	1.0185	0.8955
Ce-143	1.6107	1.6251	1.6951	1.6593	1.5442	1.5736	1.7273	1.6433
Ce-144	0.2727	0.2747	0.2862	0.2815	0.2628	0.2668	0.2856	0.2644
Ce-145	2.6095	2.6505	2.7410	2.6513	2.5126	2.5641	2.8827	2.6846
Cf-244	0.0792	0.0667	0.0937	0.1074	0.0566	0.0526	0.0693	0.0893
Cf-246	0.0546	0.0460	0.0645	0.0739	0.0391	0.0364	0.0478	0.0615
Cf-247	1.8586	1.7593	2.0527	2.1510	1.6167	1.6052	1.8296	1.9332
Cf-248	0.0657	0.0555	0.0775	0.0886	0.0472	0.0440	0.0577	0.0739
Cf-249	1.5685	1.5823	1.6694	1.6513	1.4780	1.5283	1.6445	1.6178
Cf-250	0.0657	0.0585	0.0756	0.0831	0.0513	0.0494	0.0618	0.0722
Cf-251	1.7164	1.6809	1.8551	1.8796	1.5674	1.5785	1.7560	1.7290
Cf-252	0.7812	0.8016	0.8283	0.7914	0.7515	0.7785	0.8814	0.7984
Cf-253	0.1768	0.1486	0.2093	0.2405	0.1283	0.1195	0.1554	0.1997
Cf-254	26.9031	27.9402	28.3038	26.6356	26.3313	27.4162	30.8095	27.3022
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34m	1.6869	1.7530	1.7861	1.6707	1.6571	1.7338	1.9400	1.6532
Cl-36	0.0003	0.0002	0.0004	0.0006	0.0002	0.0002	0.0002	0.0004
Cl-38	1.0677	1.1266	1.1368	1.0301	1.0512	1.1100	1.2662	1.0668
Cl-39	2.2092	2.3080	2.3316	2.1589	2.1664	2.2506	2.5728	2.2690
Cl-40	2.8261	2.9617	3.0123	2.7617	2.7843	2.9366	3.3492	2.8549
Cm-238	1.3850	1.3564	1.4927	1.5138	1.2688	1.2769	1.4045	1.4076
Cm-239	3.2410	3.2395	3.4577	3.4267	3.0487	3.0947	3.3894	3.1606
Cm-240	0.0894	0.0745	0.1068	0.1230	0.0627	0.0580	0.0775	0.1017
Cm-241	3.3372	3.2685	3.6062	3.6912	3.0401	3.0954	3.4128	3.4727
Cm-242	0.0802	0.0668	0.0958	0.1104	0.0562	0.0520	0.0695	0.0912
Cm-243	1.6745	1.6202	1.8314	1.8778	1.5042	1.5144	1.6931	1.7461
Cm-244	0.0689	0.0574	0.0823	0.0948	0.0482	0.0446	0.0597	0.0783
Cm-245	1.7755	1.7273	1.9258	1.9658	1.6097	1.6179	1.7929	1.8093
Cm-246	0.0607	0.0518	0.0717	0.0813	0.0441	0.0415	0.0542	0.0683
Cm-247	1.2303	1.2658	1.2896	1.2546	1.1922	1.2467	1.2993	1.2690
Cm-248	2.1487	2.2209	2.2679	2.1472	2.0887	2.1705	2.4464	2.1869
Cm-249	0.1251	0.1031	0.1552	0.1795	0.0933	0.0944	0.1112	0.1522
Cm-250	21.2276	22.0441	22.3348	21.0213	20.7740	21.6305	24.3031	21.5422
Cm-251	0.4422	0.4456	0.4685	0.4652	0.4182	0.4314	0.4753	0.4576
Co-54m	4.4242	4.6228	4.6589	4.3442	4.3363	4.5253	5.0965	4.5037
Co-55	2.0047	2.0829	2.1241	1.9914	1.9517	2.0252	2.3486	2.0799
Co-56	3.9149	4.0511	4.1850	3.9071	3.7948	3.9500	4.6392	4.0642
Co-57	1.9098	1.8391	2.1076	2.1723	1.7308	1.7602	1.9174	1.9619
Co-58	1.6595	1.6836	1.7925	1.7178	1.5694	1.6156	1.9478	1.7846

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Co-58m	0.1566	0.1007	0.2219	0.2859	0.0855	0.0834	0.1055	0.2176
Co-60	3.0399	3.1906	3.2076	2.9320	2.9909	3.1124	3.6499	3.0745
Co-60m	0.1971	0.1361	0.2696	0.3391	0.1186	0.1167	0.1414	0.2631
Co-61	1.0638	1.0757	1.1058	1.0850	1.0376	1.0521	1.0684	1.0251
Co-62	1.7540	1.8397	1.8543	1.6963	1.7263	1.7990	2.1045	1.7847
Co-62m	3.1232	3.2778	3.2988	3.0179	3.0733	3.2001	3.7470	3.1727
Cr-48	3.2262	3.2846	3.4151	3.3127	3.1134	3.2108	3.4934	3.2164
Cr-49	1.4541	1.4838	1.5155	1.4724	1.4235	1.4603	1.5337	1.3903
Cr-51	0.2468	0.2203	0.2924	0.3206	0.2022	0.2074	0.2378	0.2796
Cr-55	0.0006	0.0007	0.0007	0.0006	0.0006	0.0007	0.0008	0.0006
Cr-56	1.5914	1.5831	1.6737	1.6850	1.5142	1.5403	1.6075	1.5671
Cs-121	1.1200	1.1471	1.1760	1.1339	1.0860	1.1172	1.2316	1.1084
Cs-121m	2.1107	2.1601	2.2189	2.1433	2.0441	2.1001	2.3017	2.0684
Cs-123	1.4797	1.5020	1.5504	1.5088	1.4262	1.4567	1.6087	1.4980
Cs-124	0.5945	0.6125	0.6258	0.5994	0.5764	0.5989	0.6594	0.6020
Cs-125	1.2038	1.2170	1.2624	1.2458	1.1522	1.1793	1.2986	1.2316
Cs-126	0.9711	0.9972	1.0193	0.9882	0.9392	0.9758	1.0481	0.9971
Cs-127	1.9187	1.9377	2.0154	1.9948	1.8321	1.8760	2.0101	1.9550
Cs-128	0.6400	0.6488	0.6711	0.6652	0.6128	0.6316	0.6798	0.6598
Cs-129	1.6474	1.6438	1.7365	1.7374	1.5541	1.5732	1.7050	1.6761
Cs-130m	1.2883	1.2575	1.3673	1.3959	1.2032	1.2069	1.2862	1.2792
Cs-130	0.3575	0.3474	0.3788	0.3885	0.3291	0.3240	0.3633	0.3631
Cs-131	0.4849	0.4609	0.5166	0.5406	0.4373	0.4209	0.4735	0.4899
Cs-132	2.0336	2.0640	2.1318	2.0505	1.9509	1.9881	2.3015	2.0959
Cs-134	3.3537	3.4825	3.5040	3.2852	3.2801	3.4021	3.9639	3.4954
Cs-134m	0.4995	0.4662	0.5559	0.5897	0.4392	0.4369	0.4836	0.5226
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	2.9950	3.1325	3.1480	2.8992	2.9350	3.0276	3.6345	3.1357
Cs-136	4.4796	4.6629	4.7161	4.3982	4.3840	4.5302	5.2438	4.5677
Cs-137	1.6904	1.7542	1.7816	1.6472	1.6534	1.7231	1.8254	1.6750
Cs-138m	1.2051	1.2193	1.2755	1.2484	1.1515	1.1790	1.2985	1.2029
Cs-138	2.9241	3.0598	3.0851	2.8670	2.8698	3.0012	3.4057	2.9716
Cs-139	0.3019	0.3162	0.3192	0.2931	0.2968	0.3108	0.3589	0.3060
Cs-140	1.9994	2.0832	2.1062	1.9589	1.9616	2.0533	2.3502	2.0490
Cu-57	0.1562	0.1637	0.1651	0.1516	0.1536	0.1593	0.1873	0.1602
Cu-59	0.7524	0.7836	0.7928	0.7421	0.7354	0.7661	0.8758	0.7697
Cu-60	2.9813	3.1245	3.1614	2.9040	2.9255	3.0616	3.5456	3.0197
Cu-61	0.6412	0.6300	0.7027	0.7048	0.5902	0.6080	0.6904	0.6874
Cu-62	0.0137	0.0124	0.0161	0.0173	0.0114	0.0117	0.0140	0.0157
Cu-64	0.1008	0.0677	0.1403	0.1780	0.0581	0.0572	0.0716	0.1374

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Cu-66	0.1479	0.1553	0.1563	0.1434	0.1455	0.1504	0.1771	0.1522
Cu-67	1.2427	1.2589	1.3170	1.2863	1.1966	1.2274	1.3205	1.1864
Cu-69	0.8849	0.9256	0.9313	0.8629	0.8687	0.9000	1.0510	0.9137
Dy-148	2.2671	2.2876	2.3774	2.3155	2.1759	2.2380	2.4882	2.3407
Dy-149	3.5363	3.5993	3.7322	3.5953	3.4090	3.5074	3.8965	3.6195
Dy-150	1.4268	1.4376	1.5016	1.4935	1.3637	1.4121	1.4536	1.4709
Dy-151	3.4035	3.4530	3.6061	3.5088	3.2611	3.3688	3.7218	3.4959
Dy-152	2.2931	2.3100	2.4235	2.3831	2.1953	2.2473	2.4200	2.4237
Dy-153	3.9684	3.9808	4.1891	4.1423	3.7909	3.8857	4.1618	4.0450
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	2.9085	2.9414	3.0704	2.9979	2.7935	2.8614	3.1053	2.9489
Dy-157	2.3324	2.3501	2.4659	2.4258	2.2293	2.2978	2.4759	2.3422
Dy-159	0.9422	0.9057	1.0031	1.0425	0.8715	0.8794	0.8997	0.9700
Dy-165m	0.2571	0.2273	0.2999	0.3339	0.2122	0.2151	0.2330	0.2904
Dy-165	0.2047	0.2038	0.2160	0.2159	0.1949	0.1999	0.2095	0.2077
Dy-166	0.8041	0.7705	0.8679	0.9051	0.7377	0.7523	0.7688	0.8266
Dy-167	2.2231	2.2695	2.3379	2.2661	2.1487	2.2248	2.4456	2.3001
Dy-168	2.0258	2.0475	2.1353	2.1094	1.9433	2.0090	2.1441	2.0304
Er-154	1.0378	0.9772	1.1261	1.1945	0.9303	0.9320	0.9738	1.0802
Er-156	1.3617	1.2497	1.5217	1.6452	1.1850	1.1934	1.2558	1.4615
Er-159	2.8155	2.8459	2.9707	2.8916	2.7004	2.7834	3.0641	2.8674
Er-161	2.9213	2.9540	3.0992	3.0101	2.7941	2.8710	3.2070	3.0007
Er-163	0.8224	0.7900	0.8789	0.9141	0.7593	0.7721	0.7808	0.8413
Er-165	0.7931	0.7605	0.8490	0.8845	0.7308	0.7430	0.7516	0.8127
Er-167m	0.9685	0.9669	1.0368	1.0284	0.9163	0.9369	1.0025	0.9489
Er-169	0.0045	0.0029	0.0064	0.0083	0.0025	0.0024	0.0031	0.0063
Er-171	2.6207	2.6537	2.7764	2.7107	2.5151	2.5965	2.8115	2.6305
Er-172	2.2389	2.2542	2.3587	2.3317	2.1413	2.2178	2.3501	2.2955
Er-173	4.1063	4.1789	4.3397	4.1963	3.9632	4.0639	4.4401	4.0204
Es-249	2.6775	2.6701	2.8618	2.8488	2.4991	2.5438	2.8056	2.7153
Es-250	7.0048	6.8552	7.5988	7.6816	6.3435	6.3838	7.3408	7.2391
Es-250m	2.2988	2.2907	2.4672	2.4417	2.1381	2.1641	2.4563	2.3338
Es-251	1.7609	1.6868	1.9297	1.9992	1.5587	1.5533	1.7601	1.8032
Es-253	0.0226	0.0191	0.0267	0.0305	0.0165	0.0156	0.0199	0.0255
Es-254	0.7804	0.6397	0.9457	1.1014	0.5477	0.5132	0.6665	0.9041
Es-254m	1.3433	1.3448	1.4320	1.3997	1.2529	1.2763	1.5090	1.4093
Es-255	0.0011	0.0011	0.0012	0.0011	0.0011	0.0011	0.0013	0.0011
Es-256	0.1067	0.0918	0.1238	0.1404	0.0797	0.0740	0.0957	0.1181
Eu-142	0.3528	0.3655	0.3724	0.3476	0.3435	0.3551	0.4120	0.3633
Eu-142m	5.0993	5.2787	5.3724	5.0702	4.9627	5.1413	5.9581	5.3192

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Eu-143	0.5894	0.6015	0.6238	0.5970	0.5684	0.5835	0.6537	0.6008
Eu-144	0.2639	0.2706	0.2802	0.2661	0.2546	0.2624	0.2940	0.2676
Eu-145	2.4672	2.5248	2.6037	2.4836	2.3835	2.4436	2.7878	2.5492
Eu-146	4.7732	4.9143	5.0089	4.7254	4.6379	4.7812	5.5235	4.9425
Eu-147	2.3467	2.3609	2.4712	2.4244	2.2489	2.2820	2.4972	2.3601
Eu-148	5.5418	5.6876	5.7940	5.5682	5.3806	5.5759	6.2499	5.7457
Eu-149	0.8793	0.8395	0.9483	0.9901	0.8010	0.7992	0.8572	0.9330
Eu-150	5.1078	5.2331	5.3575	5.1879	4.9454	5.1311	5.6245	5.2424
Eu-150m	0.1948	0.1963	0.2053	0.2024	0.1862	0.1909	0.2057	0.1997
Eu-152	3.1359	3.2073	3.3061	3.1710	3.0334	3.1143	3.4793	3.1956
Eu-152m	0.8269	0.8431	0.8723	0.8380	0.7979	0.8144	0.9222	0.8509
Eu-152n	1.3291	1.2972	1.4307	1.4632	1.2394	1.2651	1.3221	1.3601
Eu-154	2.8409	2.9294	2.9917	2.8275	2.7667	2.8507	3.2377	2.8865
Eu-154m	1.3532	1.2888	1.4800	1.5471	1.2286	1.2373	1.3014	1.4117
Eu-155	1.0080	1.0096	1.0583	1.0525	0.9701	0.9913	1.0273	1.0030
Eu-156	1.7297	1.7924	1.8284	1.7086	1.6865	1.7503	2.0147	1.7682
Eu-157	1.7716	1.7577	1.8805	1.8927	1.6727	1.7130	1.7985	1.8243
Eu-158	2.2680	2.3428	2.4021	2.2589	2.2039	2.2753	2.6288	2.3355
Eu-159	1.9394	1.9321	2.0406	2.0322	1.8493	1.8815	1.9993	1.9578
F-17	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0006	0.0005
F-18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-52	1.7752	1.8008	1.8850	1.8374	1.7076	1.7550	1.9275	1.6605
Fe-53	0.6506	0.6703	0.6838	0.6610	0.6309	0.6605	0.6978	0.6646
Fe-53m	4.3753	4.5765	4.6073	4.2377	4.2961	4.4567	5.2308	4.4881
Fe-55	0.1298	0.0834	0.1839	0.2371	0.0708	0.0691	0.0874	0.1804
Fe-59	1.6076	1.6850	1.6960	1.5559	1.5811	1.6407	1.9215	1.6285
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	2.1470	2.2444	2.2661	2.0951	2.1076	2.1872	2.5278	2.1774
Fe-62	1.4495	1.4964	1.5029	1.4897	1.4156	1.4955	1.5987	1.5215
Fm-251	1.7499	1.7016	1.9023	1.9431	1.5874	1.5984	1.7826	1.7833
Fm-252	0.0567	0.0486	0.0662	0.0751	0.0418	0.0389	0.0507	0.0631
Fm-253	1.2995	1.2160	1.4453	1.5305	1.1104	1.0940	1.2717	1.3594
Fm-254	0.0682	0.0604	0.0783	0.0866	0.0529	0.0504	0.0636	0.0747
Fm-255	0.6278	0.5266	0.7464	0.8578	0.4517	0.4212	0.5507	0.7104
Fm-256	20.0110	20.7792	21.0531	19.8146	19.5814	20.3840	22.9223	20.3127
Fm-257	1.8180	1.7640	1.9761	2.0212	1.6369	1.6395	1.8463	1.8548
Fr-212	3.3329	3.3425	3.5801	3.5159	3.1327	3.2135	3.6020	3.4075
Fr-219	0.0175	0.0178	0.0184	0.0181	0.0168	0.0174	0.0188	0.0176
Fr-220	0.2048	0.1882	0.2322	0.2503	0.1727	0.1733	0.1930	0.2187
Fr-221	0.2630	0.2657	0.2797	0.2737	0.2508	0.2565	0.2781	0.2603

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Fr-222	1.5622	1.5458	1.6891	1.6889	1.4428	1.4620	1.6210	1.5537
Fr-223	0.9198	0.8766	1.0017	1.0464	0.8179	0.8256	0.8878	0.9482
Fr-224	1.7844	1.8110	1.9033	1.8422	1.6982	1.7408	1.9534	1.7870
Fr-227	2.6320	2.6426	2.7887	2.7626	2.4988	2.5640	2.7650	2.6611
Ga-64	2.1806	2.2830	2.3183	2.1335	2.1443	2.2415	2.5984	2.2364
Ga-65	1.6385	1.6268	1.7638	1.7582	1.5428	1.5774	1.7147	1.6576
Ga-66	1.5399	1.5598	1.6854	1.6167	1.4617	1.5298	1.7686	1.6279
Ga-67	1.7430	1.6426	1.9642	2.0680	1.5402	1.5755	1.7200	1.8535
Ga-68	0.0874	0.0788	0.1038	0.1119	0.0721	0.0736	0.0881	0.1012
Ga-70	0.0166	0.0167	0.0179	0.0173	0.0157	0.0161	0.0186	0.0169
Ga-72	3.3410	3.4951	3.5245	3.2384	3.2783	3.4104	4.0060	3.4503
Ga-73	2.1225	2.0270	2.3842	2.4705	1.8866	1.9422	2.1861	2.3003
Ga-74	3.6625	3.8133	3.8537	3.5906	3.5912	3.7614	4.2937	3.7589
Gd-142	1.4254	1.4521	1.5011	1.4514	1.3756	1.4151	1.5656	1.4454
Gd-143m	3.8686	3.9612	4.0775	3.9057	3.7436	3.8539	4.3116	4.0042
Gd-144	0.8786	0.8840	0.9305	0.9091	0.8395	0.8609	0.9453	0.9024
Gd-145m	1.5850	1.6065	1.6891	1.6263	1.5091	1.5538	1.8157	1.6736
Gd-145	2.2283	2.3021	2.3669	2.2234	2.1651	2.2517	2.5377	2.2598
Gd-146	3.8068	3.7971	4.0039	3.9898	3.6396	3.6895	3.9113	3.7727
Gd-147	4.6252	4.7316	4.8673	4.6839	4.4743	4.6035	5.0920	4.7511
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	3.1704	3.2034	3.3388	3.2721	3.0450	3.1188	3.4029	3.1814
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	1.0939	1.0478	1.1817	1.2290	0.9990	1.0028	1.0707	1.1432
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	1.8728	1.8474	1.9711	1.9916	1.7774	1.7926	1.8706	1.9079
Gd-159	0.3904	0.3895	0.4120	0.4119	0.3711	0.3810	0.3979	0.3970
Gd-162	1.5241	1.5566	1.6044	1.5829	1.4667	1.5365	1.6069	1.5893
Ge-66	2.4009	2.3285	2.6379	2.7111	2.1872	2.2484	2.4474	2.5507
Ge-67	1.9157	1.9661	2.0236	1.9378	1.8608	1.9186	2.1362	1.8196
Ge-68	0.3189	0.2052	0.4515	0.5816	0.1742	0.1698	0.2150	0.4428
Ge-69	1.3642	1.3259	1.5260	1.5413	1.2307	1.2688	1.4915	1.4916
Ge-71	0.3234	0.2081	0.4579	0.5899	0.1767	0.1722	0.2181	0.4491
Ge-75	0.2117	0.2179	0.2229	0.2132	0.2059	0.2124	0.2334	0.2211
Ge-77	3.6631	3.7814	3.8503	3.6681	3.5685	3.6925	4.0821	3.7250
Ge-78	1.5908	1.6403	1.6759	1.5984	1.5479	1.6011	1.7709	1.6540
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	1.6826	1.6896	1.7911	1.7660	1.6014	1.6509	1.7774	1.6764
Hf-169	2.4010	2.4050	2.5353	2.5605	2.2863	2.3744	2.4753	2.4789
Hf-170	3.2003	3.1551	3.4304	3.4621	3.0009	3.0757	3.2761	3.2398

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Hf-172	2.1498	2.0222	2.3689	2.5070	1.9197	1.9380	2.0158	2.2374
Hf-173	3.9686	3.9814	4.2072	4.1570	3.7931	3.8862	4.1267	3.9259
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	2.4892	2.4820	2.6543	2.6479	2.3546	2.4270	2.5601	2.5166
Hf-177m	15.1641	15.3495	16.0979	15.7337	14.5307	14.9635	16.1884	15.2211
Hf-178m	11.0577	11.2264	11.6875	11.4776	10.6261	11.0112	11.8317	11.2415
Hf-179m	6.0559	6.0759	6.4505	6.4100	5.7561	5.9347	6.3112	6.1102
Hf-180m	5.5815	5.6557	5.9081	5.8094	5.3536	5.5376	5.9048	5.6247
Hf-181	2.6984	2.7275	2.8516	2.8366	2.5856	2.6831	2.8516	2.7399
Hf-182	1.6252	1.6574	1.7199	1.6643	1.5680	1.6148	1.7663	1.6854
Hf-182m	4.6089	4.6357	4.9037	4.8460	4.3908	4.5236	4.8742	4.6833
Hf-183	2.4126	2.4702	2.5343	2.4412	2.3394	2.4147	2.6695	2.4656
Hf-184	2.4693	2.3373	2.7640	2.8986	2.1934	2.2389	2.4418	2.5873
Hg-190	2.9755	2.9038	3.2282	3.2911	2.7508	2.8016	2.9899	2.9659
Hg-191m	5.3610	5.3840	5.7372	5.6602	5.0776	5.2328	5.7206	5.5821
Hg-192	2.9549	2.8793	3.2178	3.2837	2.7187	2.7730	2.9711	3.0537
Hg-193	3.0805	3.0444	3.3376	3.3430	2.8666	2.9360	3.2056	3.1643
Hg-193m	3.1138	3.1284	3.3291	3.2853	2.9497	3.0442	3.3133	3.1999
Hg-194	0.1846	0.1254	0.2539	0.3212	0.1045	0.1003	0.1295	0.2480
Hg-195	1.7261	1.6325	1.9177	2.0129	1.5348	1.5547	1.6687	1.8132
Hg-195m	1.8872	1.7429	2.1488	2.3034	1.6177	1.6402	1.8052	2.0819
Hg-197	1.5214	1.4210	1.6985	1.8094	1.3390	1.3553	1.4213	1.5928
Hg-197m	1.5168	1.4311	1.6946	1.7833	1.3407	1.3603	1.4731	1.5844
Hg-199m	2.1476	2.1004	2.3319	2.3744	1.9831	2.0283	2.1830	2.1373
Hg-203	1.5033	1.5344	1.5926	1.5396	1.4481	1.4947	1.6418	1.5578
Hg-205	0.0500	0.0506	0.0531	0.0519	0.0479	0.0490	0.0526	0.0479
Hg-206	0.6982	0.7095	0.7415	0.7202	0.6691	0.6922	0.7618	0.7039
Hg-207	4.1059	4.2640	4.3556	4.0861	3.9964	4.1614	4.6825	4.1471
Ho-150	2.2245	2.3076	2.3347	2.1825	2.1705	2.2412	2.6342	2.3213
Ho-153	2.5008	2.5446	2.6371	2.5539	2.4107	2.4862	2.7301	2.5461
Ho-153m	2.8682	2.9025	3.0237	2.9632	2.7569	2.8395	3.0614	2.9091
Ho-154m	6.4837	6.6669	6.7978	6.5834	6.2926	6.5657	7.1163	6.6549
Ho-154	3.3707	3.4712	3.5481	3.3913	3.2720	3.4014	3.7696	3.4198
Ho-155	2.2448	2.2370	2.3870	2.3782	2.1268	2.1800	2.3309	2.2870
Ho-156	4.5610	4.6675	4.8140	4.6159	4.4155	4.5566	5.0457	4.6343
Ho-157	3.3717	3.3667	3.5707	3.5507	3.2048	3.2854	3.5043	3.4186
Ho-159	3.7442	3.7386	3.9571	3.9337	3.5699	3.6482	3.8631	3.7472
Ho-160	4.5614	4.6506	4.8170	4.6247	4.3970	4.5220	5.1128	4.6897
Ho-161	1.1970	1.1365	1.2921	1.3601	1.0833	1.0865	1.1369	1.2420
Ho-162	1.1329	1.0939	1.2138	1.2535	1.0479	1.0660	1.1012	1.1634

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ho-162m	2.4903	2.4588	2.6776	2.6835	2.3314	2.3853	2.5902	2.5387
Ho-163	0.0052	0.0033	0.0074	0.0095	0.0028	0.0028	0.0035	0.0072
Ho-164	0.6145	0.5879	0.6600	0.6889	0.5643	0.5723	0.5842	0.6336
Ho-164m	1.1053	1.0070	1.2410	1.3507	0.9555	0.9646	1.0033	1.1940
Ho-166	0.2580	0.2434	0.2851	0.3008	0.2312	0.2368	0.2467	0.2701
Ho-166m	5.3815	5.5133	5.6783	5.4374	5.2051	5.3707	6.0489	5.4505
Ho-167	1.9598	1.9981	2.0703	2.0133	1.8875	1.9607	2.1105	1.9693
Ho-168	2.0409	2.0949	2.1601	2.0497	1.9710	2.0331	2.3592	2.1148
Ho-168m	0.2071	0.1749	0.2478	0.2844	0.1626	0.1637	0.1757	0.2397
Ho-170	4.6496	4.7632	4.9253	4.7067	4.4946	4.6303	5.2238	4.7658
I-118m	6.2718	6.4918	6.5550	6.1765	6.1250	6.3547	7.3018	6.4610
I-118	2.1393	2.2140	2.2353	2.1106	2.0887	2.1714	2.4831	2.2058
I-119	1.9503	1.9908	2.0533	1.9840	1.8790	1.9195	2.1347	2.0539
I-120	2.5306	2.6197	2.6610	2.5191	2.4678	2.5759	2.9114	2.5964
I-120m	5.3705	5.5529	5.6115	5.3217	5.2410	5.4546	6.2010	5.5431
I-121	2.1441	2.1717	2.2573	2.2058	2.0526	2.0779	2.2842	2.0979
I-122	0.4461	0.4531	0.4667	0.4565	0.4273	0.4379	0.4951	0.4610
I-123	1.9945	2.0075	2.0981	2.0701	1.9028	1.9229	2.1382	1.8857
I-124	1.8255	1.8642	1.9149	1.8383	1.7554	1.7996	2.0643	1.8717
I-125	0.8975	0.8530	0.9515	1.0022	0.8014	0.7610	0.8741	0.9086
I-126	1.3802	1.4070	1.4464	1.4020	1.3255	1.3608	1.5164	1.4209
I-128	0.2397	0.2449	0.2504	0.2477	0.2309	0.2399	0.2555	0.2485
I-129	0.5190	0.4962	0.5498	0.5723	0.4721	0.4555	0.5087	0.5239
I-130m	0.3887	0.3843	0.4146	0.4219	0.3618	0.3701	0.4114	0.4093
I-130	4.9863	5.1654	5.2021	4.9352	4.8722	5.0718	5.7691	5.1890
I-131	1.6275	1.6827	1.6892	1.6084	1.5886	1.6535	1.7157	1.6465
I-132	4.4761	4.6543	4.6854	4.3678	4.3806	4.5396	5.3076	4.6465
I-132m	1.1607	1.1641	1.2341	1.2104	1.0949	1.1159	1.2835	1.1970
I-133	1.5432	1.5956	1.6047	1.5600	1.5078	1.5827	1.7402	1.6114
I-134m	1.9443	1.9632	2.0493	2.0067	1.8555	1.8805	2.0893	2.0120
I-134	4.6146	4.8197	4.8513	4.4984	4.5239	4.6837	5.4824	4.7739
I-135	2.0218	2.1190	2.1334	1.9648	1.9860	2.0692	2.3924	2.0515
In-103	3.2895	3.4124	3.4652	3.2508	3.2129	3.3243	3.7826	3.2762
In-105	2.8347	2.9215	2.9773	2.8263	2.7547	2.8362	3.2020	2.8521
In-106	5.4016	5.6144	5.6648	5.2922	5.2804	5.4612	6.3580	5.5885
In-106m	2.4590	2.5519	2.5850	2.4065	2.4038	2.5033	2.8873	2.5195
In-107	2.5420	2.6115	2.6792	2.5616	2.4508	2.5193	2.8302	2.5237
In-108	6.9533	7.2135	7.3124	6.8351	6.7720	6.9847	8.1246	7.1645
In-108m	2.4875	2.5681	2.6246	2.4670	2.4165	2.5103	2.8846	2.5452
In-109	2.5458	2.5909	2.6785	2.5937	2.4345	2.4725	2.7597	2.4871

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
In-109m	1.4363	1.4818	1.4972	1.4047	1.4000	1.4470	1.6853	1.4871
In-110	6.3124	6.5352	6.6253	6.2080	6.1326	6.3075	7.4186	6.5430
In-110m	1.8535	1.9051	1.9402	1.8316	1.7928	1.8460	2.1539	1.9145
In-111	3.5447	3.6051	3.7304	3.6276	3.3991	3.4571	3.8282	3.5187
In-111m	1.3277	1.3660	1.3790	1.3529	1.2909	1.3516	1.4797	1.3870
In-112	0.2369	0.2318	0.2496	0.2540	0.2139	0.2092	0.2470	0.2433
In-112m	0.5405	0.5286	0.5702	0.5842	0.4920	0.4794	0.5522	0.5296
In-113m	1.0951	1.1179	1.1480	1.1272	1.0493	1.0856	1.1452	1.1249
In-114	0.0052	0.0052	0.0055	0.0054	0.0048	0.0049	0.0057	0.0053
In-114m	0.5800	0.5774	0.6129	0.6127	0.5402	0.5384	0.6092	0.5703
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	0.9076	0.9207	0.9566	0.9365	0.8620	0.8807	0.9807	0.9096
In-116m	3.2583	3.4108	3.4350	3.1716	3.1996	3.3337	3.8420	3.3103
In-117	3.0155	3.0994	3.1480	3.0476	2.9392	3.0493	3.3635	2.9587
In-117m	0.6935	0.7045	0.7303	0.7117	0.6632	0.6765	0.7581	0.6698
In-118m	4.1443	4.3321	4.3610	4.0220	4.0697	4.2217	4.9399	4.2424
In-118	0.1015	0.1063	0.1069	0.0985	0.0998	0.1040	0.1213	0.1033
In-119	1.6223	1.6765	1.7088	1.6013	1.5697	1.6125	1.9309	1.7023
In-119m	0.1639	0.1640	0.1755	0.1727	0.1524	0.1539	0.1802	0.1689
In-121	1.6796	1.7573	1.7700	1.6329	1.6483	1.7006	2.0060	1.7461
In-121m	0.4789	0.4737	0.4993	0.5042	0.4486	0.4397	0.4793	0.4735
Ir-180	3.8720	3.9119	4.1261	4.0233	3.6947	3.7962	4.2174	3.9845
Ir-182	3.6847	3.7083	3.9402	3.8642	3.5036	3.5943	3.9481	3.7806
Ir-183	3.6160	3.5827	3.9086	3.9031	3.3827	3.4644	3.7566	3.7232
Ir-184	5.5624	5.6145	5.9437	5.8121	5.2986	5.4516	5.9936	5.7467
Ir-185	3.2015	3.0871	3.5309	3.6266	2.9075	2.9608	3.2011	3.3503
Ir-186	5.3723	5.4190	5.7340	5.6158	5.1179	5.2717	5.7812	5.4761
Ir-186m	3.1033	3.1284	3.3202	3.2325	2.9524	3.0313	3.3905	3.1773
Ir-187	2.1510	2.0679	2.3629	2.4426	1.9548	1.9837	2.1161	2.2444
Ir-188	3.8317	3.8679	4.1057	3.9950	3.6493	3.7684	4.1651	3.8771
Ir-189	1.4083	1.3102	1.5794	1.6834	1.2377	1.2440	1.3061	1.4926
Ir-190	6.0574	6.1310	6.4125	6.3031	5.7996	5.9956	6.4952	6.1612
Ir-190m	0.1791	0.1165	0.2522	0.3237	0.0985	0.0957	0.1217	0.2471
Ir-190n	1.1378	1.0704	1.2610	1.3314	1.0159	1.0200	1.0598	1.1809
Ir-191m	1.4374	1.3371	1.6185	1.7245	1.2572	1.2677	1.3525	1.5149
Ir-192	3.5743	3.6723	3.7643	3.6315	3.4630	3.6066	3.9612	3.6095
Ir-192m	0.2038	0.1363	0.2828	0.3597	0.1142	0.1102	0.1412	0.2766
Ir-192n	0.4317	0.2919	0.5957	0.7549	0.2454	0.2371	0.3018	0.5820
Ir-193m	0.1825	0.1209	0.2546	0.3249	0.1027	0.1000	0.1258	0.2491
Ir-194	0.3293	0.3396	0.3474	0.3309	0.3197	0.3324	0.3703	0.3307

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ir-194m	7.6108	7.8253	7.9803	7.7066	7.3842	7.7033	8.4841	7.8127
Ir-195	1.1345	1.0661	1.2627	1.3355	1.0065	1.0159	1.0689	1.1873
Ir-195m	2.1658	2.1540	2.3276	2.3292	2.0327	2.0913	2.2524	2.2241
Ir-196	0.6634	0.6858	0.6980	0.6649	0.6450	0.6713	0.7460	0.6778
Ir-196m	8.0776	8.2752	8.4871	8.2614	7.8046	8.1461	8.8258	8.3590
K-38	1.4221	1.4960	1.5153	1.3751	1.4006	1.4848	1.6940	1.4345
K-40	0.1608	0.1685	0.1713	0.1570	0.1570	0.1641	0.1896	0.1610
K-42	0.2734	0.2891	0.2903	0.2632	0.2689	0.2817	0.3231	0.2706
K-43	2.9629	3.0580	3.0966	2.9569	2.8865	3.0080	3.3086	3.0390
K-44	2.2553	2.3644	2.3902	2.1904	2.2196	2.3216	2.6897	2.2965
K-45	2.7743	2.8891	2.9308	2.7351	2.7195	2.8285	3.1724	2.6770
K-46	2.2252	2.3336	2.3642	2.1670	2.1938	2.3046	2.6545	2.2502
Kr-74	2.2426	2.2433	2.3991	2.3767	2.1164	2.1659	2.3490	2.2431
Kr-75	2.0711	2.0992	2.1952	2.1384	1.9856	2.0348	2.2322	2.0050
Kr-76	2.5332	2.4827	2.7652	2.8040	2.3017	2.3597	2.6274	2.6750
Kr-77	2.2139	2.2446	2.3409	2.2827	2.1285	2.1796	2.3666	2.1318
Kr-79	1.0197	0.9552	1.1545	1.2189	0.8662	0.8774	1.0079	1.1291
Kr-81	0.3558	0.2673	0.4607	0.5592	0.2158	0.2020	0.2685	0.4463
Kr-81m	1.2974	1.3075	1.3854	1.3576	1.2267	1.2502	1.3725	1.2287
Kr-83m	0.1562	0.1149	0.2048	0.2510	0.0932	0.0875	0.1162	0.1985
Kr-85	0.0063	0.0065	0.0066	0.0065	0.0062	0.0065	0.0070	0.0066
Kr-85m	1.5383	1.5718	1.6205	1.5662	1.4893	1.5321	1.6859	1.4505
Kr-87	1.2025	1.2482	1.2656	1.2004	1.1741	1.2323	1.3345	1.2379
Kr-88	2.1102	2.1925	2.2429	2.0848	2.0538	2.1409	2.4349	2.1027
Kr-89	2.6033	2.7098	2.7460	2.5717	2.5499	2.6600	3.0104	2.6501
La-128	4.7670	4.9347	5.0044	4.7551	4.6501	4.8326	5.4266	4.9163
La-129	1.8217	1.8519	1.9164	1.8663	1.7558	1.8006	1.9690	1.8557
La-130	3.3941	3.5088	3.5662	3.3988	3.3046	3.4389	3.8289	3.4694
La-131	2.2780	2.3039	2.3956	2.3541	2.1872	2.2396	2.4192	2.3083
La-132	2.9397	3.0246	3.0850	2.9787	2.8546	2.9748	3.2779	3.0293
La-132m	2.5667	2.6086	2.7021	2.6344	2.4731	2.5403	2.7940	2.5873
La-133	0.7627	0.7244	0.8310	0.8653	0.6860	0.6802	0.7611	0.7965
La-134	0.3114	0.3058	0.3302	0.3319	0.2911	0.2910	0.3253	0.3167
La-135	0.5692	0.5438	0.6077	0.6307	0.5202	0.5089	0.5604	0.5769
La-136	0.3990	0.3842	0.4257	0.4369	0.3668	0.3601	0.4016	0.4051
La-137	0.5235	0.4973	0.5602	0.5837	0.4760	0.4637	0.5114	0.5304
La-138	1.7765	1.8375	1.8822	1.7596	1.7225	1.7762	2.0666	1.8046
La-140	3.1891	3.3398	3.3640	3.1354	3.1249	3.2695	3.6933	3.2308
La-141	0.0286	0.0301	0.0302	0.0276	0.0281	0.0294	0.0342	0.0287
La-142	2.2664	2.3645	2.3966	2.2107	2.2257	2.3324	2.6813	2.3173

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
La-143	0.3270	0.3416	0.3444	0.3182	0.3208	0.3347	0.3868	0.3343
Lu-165	3.4969	3.5087	3.7119	3.6645	3.3342	3.4299	3.6593	3.5131
Lu-167	3.8631	3.8890	4.1226	4.0373	3.6742	3.7887	4.1380	3.9298
Lu-169m	0.1309	0.0842	0.1854	0.2389	0.0715	0.0697	0.0882	0.1819
Lu-169	3.6055	3.6293	3.8437	3.7593	3.4362	3.5359	3.8605	3.6393
Lu-170	3.5900	3.6457	3.8398	3.6976	3.4419	3.5728	3.9636	3.6574
Lu-171m	0.1431	0.0941	0.2005	0.2567	0.0805	0.0788	0.0982	0.1964
Lu-171	3.0487	2.9641	3.3071	3.3637	2.8009	2.8597	3.1330	3.1944
Lu-172	5.0701	5.1354	5.4045	5.2423	4.8479	4.9945	5.5692	5.1851
Lu-172m	0.1177	0.0757	0.1667	0.2148	0.0643	0.0627	0.0793	0.1635
Lu-173	2.4972	2.4381	2.6717	2.7272	2.3326	2.3839	2.4500	2.5383
Lu-174	1.1763	1.1189	1.2831	1.3430	1.0678	1.0882	1.1174	1.2160
Lu-174m	1.3005	1.1790	1.4768	1.6112	1.1144	1.1248	1.1720	1.4073
Lu-176	3.5934	3.6274	3.8344	3.7536	3.4284	3.5272	3.8339	3.5425
Lu-176m	0.3065	0.2818	0.3467	0.3740	0.2663	0.2704	0.2839	0.3292
Lu-177	0.3836	0.3840	0.4096	0.4052	0.3647	0.3724	0.3973	0.3776
Lu-177m	7.7402	7.8089	8.2132	8.0764	7.4083	7.6135	8.1173	7.7023
Lu-178	0.3407	0.3344	0.3722	0.3740	0.3153	0.3238	0.3555	0.3533
Lu-178m	6.5264	6.6224	6.9010	6.7629	6.2761	6.4898	6.9058	6.5359
Lu-179	0.2337	0.2392	0.2465	0.2371	0.2267	0.2323	0.2513	0.2269
Lu-180	3.3357	3.4212	3.5398	3.3869	3.2215	3.3384	3.7087	3.3880
Lu-181	2.4785	2.4610	2.6682	2.6580	2.3236	2.3876	2.6389	2.5679
Mg-27	1.5502	1.6245	1.6329	1.5009	1.5221	1.5707	1.8718	1.6122
Mg-28	2.4550	2.5413	2.5782	2.4288	2.3904	2.4613	2.7891	2.4844
Mn-50m	5.0848	5.3281	5.3586	4.9180	4.9939	5.1820	6.1035	5.2079
Mn-51	0.0110	0.0103	0.0127	0.0133	0.0095	0.0097	0.0116	0.0125
Mn-52	4.6266	4.8206	4.9035	4.5381	4.5105	4.6754	5.5072	4.7710
Mn-52m	1.4934	1.5732	1.5819	1.4403	1.4682	1.5351	1.7739	1.4900
Mn-53	0.1057	0.0679	0.1498	0.1931	0.0577	0.0562	0.0712	0.1469
Mn-54	1.6301	1.6642	1.7531	1.6674	1.5528	1.5991	1.9224	1.7419
Mn-56	2.1407	2.2468	2.2598	2.0698	2.1025	2.1850	2.5800	2.2085
Mn-57	0.6235	0.5778	0.7114	0.7567	0.5323	0.5384	0.6155	0.6775
Mn-58m	3.3944	3.5540	3.5732	3.3001	3.3313	3.4653	4.0492	3.4927
Mo-101	2.6392	2.7279	2.7878	2.6384	2.5632	2.6619	3.0232	2.6786
Mo-102	0.1673	0.1717	0.1758	0.1689	0.1627	0.1669	0.1817	0.1597
Mo-89	0.3306	0.3434	0.3487	0.3238	0.3213	0.3324	0.3920	0.3398
Mo-90	3.5342	3.5677	3.7462	3.6660	3.3320	3.3790	3.8031	3.5916
Mo-91m	1.4373	1.4942	1.5113	1.4018	1.4016	1.4534	1.6958	1.4664
Mo-91	0.0390	0.0371	0.0430	0.0445	0.0325	0.0313	0.0405	0.0400
Mo-93	0.3930	0.3518	0.4405	0.4824	0.2959	0.2661	0.3775	0.4081

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Mo-93m	4.0462	4.1986	4.2657	3.9832	3.9318	4.0690	4.6973	4.1548
Mo-99	0.4828	0.4971	0.5069	0.4806	0.4677	0.4800	0.5515	0.4823
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	0.9685	1.0048	1.0567	0.9517	0.9602	1.0231	1.1901	0.9381
Na-22	1.5148	1.5882	1.5963	1.4596	1.4903	1.5527	1.8240	1.5291
Na-24	2.8857	3.0220	3.0773	2.8187	2.8439	3.0032	3.4326	2.9208
Nb-87	2.4342	2.4610	2.5813	2.5192	2.3068	2.3358	2.5866	2.3015
Nb-88m	5.4839	5.7141	5.7681	5.3964	5.3668	5.5774	6.3615	5.6475
Nb-88	6.6628	6.8942	7.0161	6.6386	6.4665	6.6867	7.6564	6.8649
Nb-89	0.5724	0.5835	0.6160	0.5880	0.5389	0.5560	0.6532	0.5834
Nb-89m	1.3870	1.4212	1.4477	1.4355	1.3354	1.3980	1.5317	1.4546
Nb-90	4.5812	4.7288	4.8678	4.5692	4.4235	4.5772	5.2691	4.5764
Nb-91	0.3970	0.3501	0.4516	0.5000	0.2908	0.2592	0.3765	0.4179
Nb-91m	0.3732	0.3394	0.4163	0.4496	0.2895	0.2657	0.3663	0.3872
Nb-92	3.4141	3.4920	3.6098	3.4723	3.2499	3.3358	3.9072	3.5551
Nb-92m	1.9792	2.0095	2.1213	2.0335	1.8453	1.8631	2.2790	2.0586
Nb-93m	0.0775	0.0675	0.0890	0.0995	0.0568	0.0514	0.0723	0.0830
Nb-94m	0.2768	0.2483	0.3106	0.3394	0.2097	0.1898	0.2671	0.2885
Nb-94	3.0138	3.1435	3.1618	2.9229	2.9527	3.0499	3.6211	3.1400
Nb-95	1.5101	1.5763	1.5835	1.4618	1.4789	1.5271	1.8287	1.5812
Nb-95m	0.7040	0.6893	0.7589	0.7666	0.6275	0.6192	0.7343	0.7229
Nb-96	4.7991	4.9998	5.0311	4.7075	4.6999	4.8784	5.6547	4.9826
Nb-97	1.5124	1.5642	1.5772	1.4743	1.4775	1.5293	1.7841	1.5671
Nb-98m	4.7121	4.9217	4.9527	4.5755	4.6165	4.7842	5.6364	4.8651
Nb-99	2.4017	2.4316	2.5237	2.4673	2.2999	2.3375	2.5499	2.3141
Nb-99m	0.9992	1.0337	1.0557	0.9956	0.9722	1.0123	1.1402	1.0200
Nd-134	2.5862	2.6194	2.7210	2.6582	2.4924	2.5430	2.7783	2.5210
Nd-135	2.9916	3.0270	3.1517	3.0971	2.8724	2.9420	3.1806	3.0004
Nd-136	1.9841	1.9663	2.0934	2.0984	1.8804	1.8938	2.0461	2.0159
Nd-137	2.5482	2.5855	2.6798	2.6034	2.4523	2.5083	2.7923	2.6058
Nd-138	0.6829	0.6599	0.7244	0.7452	0.6329	0.6251	0.6754	0.7007
Nd-139	0.8042	0.7985	0.8492	0.8478	0.7604	0.7663	0.8390	0.8275
Nd-139m	4.1411	4.2393	4.3557	4.1567	4.0106	4.1023	4.6728	4.2458
Nd-140	0.5862	0.5609	0.6229	0.6473	0.5391	0.5287	0.5701	0.6058
Nd-141	0.6144	0.5911	0.6521	0.6734	0.5675	0.5582	0.6045	0.6336
Nd-141m	1.4340	1.4913	1.5037	1.3958	1.4012	1.4448	1.7206	1.4998
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	1.0737	1.0769	1.1232	1.1186	1.0315	1.0519	1.1130	1.0905
Nd-149	2.2921	2.3385	2.4069	2.3326	2.2208	2.2796	2.4723	2.2929
Nd-151	2.7452	2.8258	2.8803	2.7458	2.6774	2.7567	3.0585	2.7617

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Nd-152	1.0049	1.0171	1.0691	1.0436	0.9572	0.9828	1.0908	1.0604
Ne-19	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0002
Ne-24	1.5732	1.6259	1.6368	1.6068	1.5352	1.6167	1.7242	1.6439
Ni-56	5.2405	5.3593	5.5666	5.3508	5.0443	5.2140	5.9479	5.3225
Ni-57	1.8722	1.9207	2.0149	1.9054	1.7951	1.8682	2.1464	1.9012
Ni-59	0.1832	0.1177	0.2597	0.3347	0.1000	0.0975	0.1234	0.2547
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.6834	0.7182	0.7227	0.6626	0.6715	0.7003	0.8060	0.6875
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	4.5922	4.6147	4.9228	4.8218	4.3042	4.3956	5.0218	4.7431
Np-233	1.4718	1.4372	1.5904	1.6192	1.3445	1.3559	1.4836	1.5096
Np-234	2.5676	2.5617	2.7775	2.7370	2.3761	2.4242	2.7559	2.6346
Np-235	0.3110	0.2496	0.3834	0.4510	0.2083	0.1935	0.2590	0.3665
Np-236	2.8242	2.6731	3.1269	3.2758	2.4487	2.4372	2.7909	2.9221
Np-236m	0.7973	0.7711	0.8674	0.8910	0.7174	0.7205	0.7972	0.8239
Np-237	0.8411	0.7591	0.9572	1.0450	0.6801	0.6615	0.7825	0.9054
Np-238	1.1938	1.1953	1.2976	1.2660	1.0993	1.1147	1.3393	1.2588
Np-239	2.2809	2.2311	2.4720	2.5080	2.0831	2.1039	2.3275	2.3512
Np-240	3.5900	3.5689	3.8679	3.8460	3.3099	3.3682	3.8807	3.7366
Np-240m	0.9635	0.9498	1.0414	1.0485	0.8761	0.8939	1.0396	1.0229
Np-241	0.5650	0.5520	0.6110	0.6213	0.5151	0.5188	0.5739	0.5747
Np-242	0.3960	0.4061	0.4228	0.3996	0.3774	0.3891	0.4603	0.4102
Np-242m	2.9768	2.9449	3.2323	3.2095	2.7123	2.7416	3.2618	3.1249
O-14	1.4012	1.4718	1.4965	1.3544	1.3802	1.4643	1.6711	1.4216
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	2.5529	2.6439	2.6883	2.5329	2.4962	2.5724	2.8487	2.4261
Os-180	1.5558	1.4492	1.7403	1.8527	1.3645	1.3732	1.4571	1.6490
Os-181	4.5528	4.5632	4.8854	4.8017	4.3115	4.4128	4.8635	4.6938
Os-182	2.9076	2.8547	3.1414	3.2057	2.7035	2.7735	2.9523	2.9845
Os-183	4.1328	4.0930	4.4355	4.4615	3.8821	3.9764	4.1716	4.2112
Os-183m	2.4660	2.4714	2.6556	2.6021	2.3319	2.3863	2.6617	2.5413
Os-185	2.4530	2.4440	2.6223	2.5858	2.3149	2.3690	2.6393	2.5426
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	0.1717	0.1113	0.2421	0.3112	0.0942	0.0916	0.1163	0.2373
Os-190m	6.0639	6.1471	6.4271	6.3189	5.7996	6.0255	6.5942	6.1984
Os-191	1.5537	1.4566	1.7380	1.8394	1.3725	1.3850	1.4727	1.6242
Os-191m	0.2799	0.2175	0.3574	0.4281	0.1959	0.1938	0.2202	0.3445
Os-193	0.5294	0.5139	0.5781	0.5946	0.4850	0.4963	0.5291	0.5487
Os-194	0.1968	0.1457	0.2573	0.3155	0.1282	0.1254	0.1493	0.2517
Os-196	0.5717	0.5707	0.6104	0.6079	0.5412	0.5546	0.5889	0.5777

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
P-30	0.0011	0.0011	0.0011	0.0010	0.0010	0.0011	0.0013	0.0011
P-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pa-227	0.5023	0.4655	0.5632	0.6018	0.4260	0.4220	0.4750	0.5320
Pa-228	4.6120	4.5848	4.9836	4.9562	4.2605	4.3481	4.9347	4.7944
Pa-229	1.2382	1.1895	1.3540	1.4019	1.1064	1.1128	1.2221	1.2821
Pa-230	2.5868	2.5592	2.7980	2.8011	2.3785	2.4198	2.7420	2.7003
Pa-231	0.7279	0.6273	0.8628	0.9721	0.5491	0.5308	0.6564	0.8261
Pa-232	2.4865	2.5031	2.6716	2.6152	2.3230	2.3765	2.7577	2.5946
Pa-233	1.9030	1.8616	2.0711	2.1001	1.7254	1.7524	1.9679	1.9638
Pa-234	4.7419	4.7512	5.0944	5.0038	4.4219	4.5071	5.1877	4.9044
Pa-234m	0.0389	0.0392	0.0419	0.0407	0.0365	0.0372	0.0434	0.0406
Pa-235	0.0619	0.0399	0.0877	0.1129	0.0338	0.0330	0.0418	0.0860
Pa-236	1.7647	1.7778	1.8925	1.8354	1.6519	1.6961	1.9768	1.8350
Pa-237	1.3250	1.3620	1.4040	1.3430	1.2773	1.3240	1.5341	1.3954
Pb-194	3.7734	3.7836	4.0362	3.9860	3.5694	3.6738	4.0017	3.8222
Pb-195m	5.4244	5.4466	5.8097	5.7412	5.1121	5.2834	5.7736	5.6337
Pb-196	3.3108	3.2893	3.5463	3.5662	3.1100	3.1971	3.4133	3.4039
Pb-197	3.6674	3.7149	3.9115	3.8103	3.4963	3.6171	3.9675	3.7523
Pb-197m	4.6928	4.7018	5.0262	4.9830	4.4209	4.5612	4.9467	4.8416
Pb-198	3.2033	3.1812	3.4403	3.4446	3.0036	3.0845	3.3135	3.2569
Pb-199	3.0347	3.0534	3.2468	3.1916	2.8753	2.9688	3.2338	3.0919
Pb-200	2.7187	2.6534	2.9475	3.0090	2.5071	2.5586	2.7293	2.7451
Pb-201	3.4705	3.4857	3.7105	3.6585	3.2856	3.3887	3.6997	3.5216
Pb-201m	1.3062	1.3083	1.3882	1.3622	1.2359	1.2718	1.4247	1.3484
Pb-202	0.1763	0.1179	0.2446	0.3110	0.0986	0.0951	0.1221	0.2392
Pb-202m	4.7065	4.8511	4.9669	4.7400	4.5557	4.7245	5.3303	4.8971
Pb-203	2.7181	2.6981	2.9210	2.9238	2.5485	2.6142	2.8101	2.8029
Pb-204m	4.4414	4.6187	4.6823	4.3899	4.3339	4.4885	5.1407	4.5882
Pb-205	0.1784	0.1193	0.2475	0.3148	0.0999	0.0963	0.1236	0.2421
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	0.2343	0.1804	0.2983	0.3586	0.1534	0.1471	0.1829	0.2890
Pb-211	0.1763	0.1815	0.1857	0.1782	0.1707	0.1773	0.1962	0.1831
Pb-212	1.3523	1.3538	1.4437	1.4314	1.2792	1.3108	1.4100	1.3889
Pb-214	1.4912	1.5025	1.5915	1.5679	1.4132	1.4609	1.5863	1.5243
Pd-100	2.2964	2.2788	2.4007	2.4113	2.1385	2.1465	2.3118	2.2446
Pd-101	1.5773	1.5566	1.6711	1.6769	1.4233	1.4186	1.6571	1.6161
Pd-103	0.4164	0.3894	0.4463	0.4737	0.3425	0.3233	0.3972	0.4257
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.1339	1.1515	1.1943	1.1611	1.0837	1.1002	1.2098	1.0620

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Pd-109	0.2560	0.2425	0.2737	0.2892	0.2207	0.2114	0.2475	0.2619
Pd-111	0.1053	0.1088	0.1101	0.1047	0.1025	0.1063	0.1193	0.1074
Pd-112	0.1721	0.1552	0.1913	0.2086	0.1332	0.1234	0.1623	0.1801
Pd-114	0.2120	0.2175	0.2224	0.2140	0.2062	0.2115	0.2289	0.2093
Pd-96	3.2688	3.3540	3.4297	3.2783	3.1501	3.2294	3.6755	3.3024
Pd-97	3.0115	3.1184	3.1763	3.0020	2.9236	3.0328	3.4323	3.1096
Pd-98	2.3632	2.3819	2.4796	2.4277	2.2355	2.2595	2.5143	2.3514
Pd-99	2.6523	2.7139	2.7885	2.6767	2.5532	2.6174	2.9229	2.6269
Pm-136	4.5917	4.7578	4.8141	4.5537	4.4789	4.6513	5.2533	4.7368
Pm-137m	4.7295	4.8335	4.9626	4.8031	4.5855	4.7174	5.1624	4.7671
Pm-139	0.7572	0.7677	0.7963	0.7800	0.7272	0.7477	0.8073	0.7796
Pm-140m	4.8805	5.0684	5.1294	4.8284	4.7652	4.9348	5.6243	5.0611
Pm-140	0.3124	0.3199	0.3287	0.3144	0.3022	0.3104	0.3536	0.3211
Pm-141	0.5778	0.5775	0.6115	0.6018	0.5489	0.5547	0.6171	0.5909
Pm-142	0.2083	0.2058	0.2210	0.2208	0.1960	0.1968	0.2154	0.2135
Pm-143	1.1927	1.1914	1.2577	1.2379	1.1326	1.1422	1.2932	1.2422
Pm-144	4.2880	4.3877	4.4805	4.2988	4.1544	4.2857	4.8655	4.4558
Pm-145	0.6402	0.6127	0.6815	0.7093	0.5889	0.5803	0.6199	0.6650
Pm-146	2.2511	2.3013	2.3572	2.2886	2.1759	2.2480	2.4936	2.3458
Pm-147	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Pm-148	0.8755	0.9144	0.9195	0.8596	0.8584	0.8960	1.0229	0.8964
Pm-148m	4.9657	5.1314	5.1833	4.9320	4.8468	5.0399	5.6976	5.1486
Pm-149	0.0593	0.0606	0.0628	0.0604	0.0571	0.0590	0.0658	0.0614
Pm-150	2.7718	2.8856	2.9202	2.7306	2.7102	2.8216	3.2103	2.8059
Pm-151	1.7863	1.8208	1.8784	1.8219	1.7267	1.7756	1.9377	1.7921
Pm-152m	4.3750	4.5069	4.6072	4.3804	4.2583	4.3881	4.8912	4.4714
Pm-152	0.7682	0.7888	0.8085	0.7701	0.7468	0.7668	0.8608	0.7775
Pm-153	0.9709	0.9710	1.0259	1.0180	0.9270	0.9409	1.0068	0.9581
Pm-154	2.3730	2.4569	2.5140	2.3545	2.3115	2.3979	2.7413	2.4176
Pm-154m	4.0545	4.1752	4.2740	4.0673	3.9412	4.0732	4.5386	4.0677
Po-203	4.0539	4.1025	4.3348	4.2097	3.8523	3.9622	4.4543	4.1402
Po-204	5.2933	5.2257	5.7309	5.7546	4.9049	5.0242	5.5445	5.4883
Po-205	3.8951	3.9501	4.1600	4.0244	3.7099	3.8168	4.3187	4.0000
Po-206	4.4430	4.4202	4.7922	4.7830	4.1391	4.2594	4.7355	4.6243
Po-207	3.5299	3.5765	3.7666	3.6544	3.3626	3.4594	3.8854	3.6264
Po-208	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-209	0.0346	0.0317	0.0400	0.0429	0.0293	0.0299	0.0339	0.0390
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-211	0.0171	0.0178	0.0179	0.0169	0.0167	0.0174	0.0200	0.0178
Po-212m	0.0662	0.0688	0.0701	0.0655	0.0650	0.0686	0.0772	0.0683

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Po-212	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-214	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Po-215	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
Po-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-134	6.2481	6.4559	6.5543	6.2285	6.0872	6.3173	7.0413	6.3833
Pr-134m	2.7913	2.8899	2.9321	2.7980	2.7198	2.8409	3.0958	2.8662
Pr-135	1.7973	1.8129	1.8920	1.8554	1.7232	1.7567	1.9234	1.8145
Pr-136	3.0590	3.1526	3.2003	3.0833	2.9783	3.1055	3.4543	3.1673
Pr-137	0.6062	0.5941	0.6424	0.6495	0.5670	0.5651	0.6223	0.6208
Pr-138	0.2093	0.2059	0.2218	0.2223	0.1962	0.1955	0.2189	0.2154
Pr-138m	5.1831	5.3606	5.4646	5.1422	5.0429	5.1931	6.0053	5.3307
Pr-139	0.5531	0.5310	0.5880	0.6078	0.5093	0.4996	0.5442	0.5674
Pr-140	0.2942	0.2824	0.3128	0.3235	0.2709	0.2656	0.2892	0.3016
Pr-142	0.0543	0.0575	0.0577	0.0522	0.0534	0.0560	0.0639	0.0535
Pr-142m	0.0083	0.0053	0.0118	0.0152	0.0045	0.0044	0.0056	0.0116
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0346	0.0361	0.0364	0.0335	0.0339	0.0353	0.0411	0.0354
Pr-144m	0.2650	0.2438	0.2928	0.3153	0.2320	0.2276	0.2487	0.2852
Pr-145	0.0433	0.0445	0.0455	0.0431	0.0421	0.0432	0.0496	0.0446
Pr-146	1.6080	1.6750	1.6879	1.5960	1.5738	1.6487	1.8347	1.6517
Pr-147	2.1788	2.1908	2.2902	2.2550	2.0870	2.1290	2.3204	2.2098
Pr-148	2.0823	2.1623	2.1941	2.0588	2.0340	2.1145	2.4039	2.1160
Pr-148m	3.0711	3.1745	3.2233	3.0740	2.9917	3.1137	3.4618	3.1397
Pt-184	5.8343	5.7095	6.3233	6.4291	5.4061	5.5141	5.8972	5.9294
Pt-186	3.0743	3.0432	3.3055	3.2963	2.8795	2.9410	3.2328	3.1729
Pt-187	3.5970	3.5248	3.8983	3.9482	3.3367	3.3981	3.6473	3.6896
Pt-188	2.4359	2.3569	2.6612	2.7368	2.2308	2.2640	2.3891	2.4644
Pt-189	3.2508	3.1604	3.5374	3.6144	2.9918	3.0442	3.2604	3.3601
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	2.8312	2.7378	3.0838	3.1818	2.5962	2.6399	2.7660	2.9146
Pt-193	0.1863	0.1234	0.2598	0.3315	0.1036	0.1002	0.1281	0.2543
Pt-193m	0.3964	0.3233	0.4905	0.5731	0.2937	0.2922	0.3264	0.4699
Pt-195m	1.6840	1.5254	1.9305	2.1050	1.4267	1.4345	1.5312	1.8260
Pt-197	0.4881	0.4445	0.5588	0.6073	0.4135	0.4193	0.4524	0.5241
Pt-197m	1.1496	1.0452	1.3190	1.4333	0.9721	0.9814	1.0592	1.2522
Pt-199	0.7549	0.7667	0.7987	0.7857	0.7235	0.7516	0.8224	0.7752
Pt-200	0.9057	0.8557	1.0076	1.0608	0.8047	0.8172	0.8715	0.9477
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Pu-232	1.0908	1.0652	1.1783	1.1991	0.9964	1.0033	1.0999	1.1171
Pu-234	1.2181	1.1828	1.3215	1.3523	1.1031	1.1087	1.2215	1.2531
Pu-235	1.5912	1.5351	1.7343	1.7857	1.4266	1.4304	1.5866	1.6459
Pu-236	0.0961	0.0788	0.1163	0.1351	0.0656	0.0606	0.0819	0.1107
Pu-237	1.0447	0.9881	1.1552	1.2116	0.9095	0.9051	1.0192	1.0961
Pu-238	0.0885	0.0725	0.1072	0.1246	0.0604	0.0557	0.0754	0.1021
Pu-239	0.0500	0.0390	0.0630	0.0753	0.0326	0.0305	0.0405	0.0605
Pu-240	0.0833	0.0683	0.1009	0.1172	0.0568	0.0524	0.0710	0.0960
Pu-241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pu-242	0.0715	0.0586	0.0865	0.1006	0.0488	0.0450	0.0609	0.0824
Pu-243	0.4463	0.4352	0.4792	0.4907	0.4090	0.4144	0.4441	0.4495
Pu-244	0.0905	0.0810	0.1046	0.1143	0.0710	0.0691	0.0863	0.1000
Pu-245	1.6353	1.6635	1.7326	1.6807	1.5625	1.6081	1.7976	1.6634
Pu-246	1.8859	1.8567	2.0229	2.0393	1.7407	1.7536	1.9277	1.9046
Ra-219	1.0718	1.0856	1.1401	1.1131	1.0217	1.0565	1.1630	1.0707
Ra-220	0.0150	0.0154	0.0156	0.0154	0.0146	0.0154	0.0162	0.0157
Ra-221	0.6214	0.5868	0.6930	0.7282	0.5415	0.5456	0.6121	0.6417
Ra-222	0.0471	0.0485	0.0498	0.0478	0.0456	0.0474	0.0524	0.0468
Ra-223	1.5276	1.5033	1.6488	1.6682	1.4152	1.4481	1.5635	1.5575
Ra-224	0.0757	0.0771	0.0802	0.0778	0.0728	0.0746	0.0818	0.0792
Ra-225	0.3407	0.3147	0.3741	0.4018	0.2919	0.2823	0.3194	0.3669
Ra-226	1.5733	1.6322	1.6364	1.5206	1.5441	1.6353	1.7351	1.5831
Ra-227	1.2064	1.1358	1.3474	1.4212	1.0370	1.0393	1.1966	1.2984
Ra-228	1.5874	1.6486	1.6770	1.5691	1.5549	1.6371	1.7462	1.6011
Ra-230	0.7482	0.7346	0.8072	0.8206	0.6900	0.7027	0.7576	0.7635
Rb-77	2.1018	2.1461	2.2086	2.1307	2.0325	2.0830	2.2673	2.0785
Rb-78m	3.7453	3.8907	3.9319	3.7135	3.6617	3.8261	4.2905	3.8481
Rb-78	2.7992	2.8968	2.9697	2.8259	2.7346	2.8864	3.1918	2.8955
Rb-79	2.6055	2.6397	2.7648	2.6986	2.4780	2.5501	2.8428	2.5954
Rb-80	0.4412	0.4541	0.4606	0.4356	0.4288	0.4445	0.5127	0.4577
Rb-81	0.8971	0.8639	0.9890	1.0311	0.7838	0.8014	0.9037	0.9748
Rb-81m	0.3703	0.3240	0.4316	0.4806	0.2730	0.2593	0.3272	0.4104
Rb-82	0.2619	0.2695	0.2782	0.2617	0.2508	0.2579	0.3105	0.2764
Rb-82m	5.2818	5.4309	5.5921	5.3049	5.0743	5.2450	6.1334	5.5117
Rb-83	1.6978	1.6623	1.8413	1.9001	1.5285	1.5780	1.7733	1.8358
Rb-84	1.3254	1.3254	1.4444	1.4088	1.2132	1.2345	1.4970	1.4197
Rb-84m	2.1091	2.1482	2.2315	2.1777	2.0164	2.0761	2.2696	2.1991
Rb-86m	1.4529	1.4982	1.5100	1.4651	1.4167	1.4841	1.6415	1.5163
Rb-86	0.1346	0.1412	0.1422	0.1303	0.1324	0.1370	0.1613	0.1380
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Rb-88	0.5964	0.6275	0.6325	0.5773	0.5867	0.6145	0.7114	0.6047
Rb-89	2.5675	2.6907	2.7145	2.4884	2.5253	2.6284	3.0693	2.6243
Rb-90	1.3605	1.4207	1.4479	1.3384	1.3413	1.4074	1.6306	1.4136
Rb-90m	3.1311	3.2752	3.3194	3.0594	3.0771	3.2134	3.7523	3.2309
Re-178	3.2380	3.2344	3.4891	3.4474	3.0611	3.1458	3.4335	3.3460
Re-179	4.0416	4.0567	4.3186	4.2794	3.8334	3.9560	4.2452	4.1437
Re-180	3.3193	3.3134	3.5789	3.5254	3.1263	3.1951	3.5759	3.4533
Re-181	3.8432	3.8133	4.1336	4.1371	3.6061	3.7036	3.9710	3.9533
Re-182	7.7188	7.7128	8.2781	8.1823	7.3059	7.4787	8.1233	7.8066
Re-182m	3.7849	3.7641	4.0684	4.0350	3.5695	3.6487	3.9659	3.8535
Re-183	2.5508	2.4241	2.8134	2.9430	2.3002	2.3298	2.4503	2.6278
Re-184	2.9757	2.9710	3.2007	3.1533	2.8055	2.8655	3.2040	3.0933
Re-184m	2.5889	2.5111	2.8353	2.8996	2.3730	2.4162	2.6097	2.6986
Re-186	0.3160	0.3077	0.3432	0.3502	0.2922	0.2969	0.3155	0.3165
Re-186m	0.7264	0.5643	0.9257	1.1095	0.5091	0.5038	0.5728	0.8966
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	0.4150	0.4164	0.4433	0.4377	0.3946	0.4051	0.4447	0.4035
Re-188m	1.4867	1.3712	1.6780	1.8023	1.2960	1.3035	1.3671	1.5844
Re-189	0.4647	0.4607	0.5023	0.5028	0.4348	0.4445	0.4820	0.4723
Re-190	4.5866	4.7137	4.8187	4.6304	4.4518	4.6135	5.0813	4.6306
Re-190m	3.7257	3.7666	3.9544	3.8847	3.5602	3.6797	4.0029	3.7967
Rh-100m	0.7349	0.7022	0.7823	0.8140	0.6347	0.6150	0.7201	0.7444
Rh-100	3.9002	4.0206	4.1120	3.9152	3.7532	3.8986	4.4475	4.0048
Rh-101	3.0883	3.1245	3.2551	3.1775	2.9343	2.9747	3.2700	2.9500
Rh-101m	1.8017	1.8160	1.9102	1.8720	1.6832	1.7155	1.9554	1.8125
Rh-102	1.1722	1.1835	1.2311	1.2277	1.0996	1.1316	1.2577	1.2174
Rh-102m	5.1390	5.2849	5.3860	5.1574	4.9532	5.1218	5.8481	5.3297
Rh-103m	0.0571	0.0498	0.0655	0.0735	0.0436	0.0414	0.0510	0.0630
Rh-104	0.0333	0.0341	0.0347	0.0337	0.0322	0.0335	0.0374	0.0346
Rh-104m	0.9422	0.9207	0.9840	1.0039	0.8593	0.8554	0.9191	0.9322
Rh-105	0.3922	0.4049	0.4135	0.3937	0.3810	0.3966	0.4414	0.3887
Rh-106	0.5058	0.5228	0.5260	0.5087	0.4941	0.5177	0.5733	0.5271
Rh-106m	5.6160	5.8415	5.8811	5.5605	5.4959	5.7294	6.4842	5.8048
Rh-107	1.5122	1.5605	1.5919	1.5191	1.4700	1.5283	1.6881	1.5247
Rh-108	0.9485	0.9790	0.9885	0.9591	0.9242	0.9687	1.0398	0.9850
Rh-109	1.6374	1.6831	1.7224	1.6546	1.5861	1.6419	1.8025	1.6324
Rh-94	3.5846	3.7544	3.7835	3.4878	3.5181	3.6644	4.2405	3.6367
Rh-95	2.4267	2.5285	2.5669	2.3786	2.3639	2.4462	2.8658	2.4866
Rh-95m	1.4589	1.5033	1.5230	1.4777	1.4195	1.4872	1.6490	1.5230
Rh-96	5.8434	6.0694	6.1296	5.7006	5.6997	5.8947	6.9354	6.0492

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Rh-96m	1.3815	1.4266	1.4620	1.3708	1.3256	1.3621	1.6141	1.4231
Rh-97	2.0048	2.0611	2.1077	2.0325	1.9273	1.9998	2.2074	2.0683
Rh-97m	3.2041	3.2942	3.3908	3.2240	3.0789	3.1785	3.5989	3.1884
Rh-98	1.7340	1.7922	1.8134	1.6966	1.6883	1.7475	2.0371	1.7896
Rh-99	2.5298	2.5457	2.6632	2.6379	2.3706	2.4194	2.6935	2.5647
Rh-99m	2.1163	2.1464	2.2360	2.1742	1.9951	2.0442	2.3210	2.1426
Rn-207	3.1535	3.1964	3.3461	3.2613	3.0086	3.1095	3.4378	3.2233
Rn-209	3.4803	3.5272	3.6970	3.6092	3.3181	3.4330	3.7679	3.5693
Rn-210	0.2442	0.2441	0.2616	0.2599	0.2291	0.2358	0.2608	0.2524
Rn-211	4.4267	4.5114	4.7018	4.5229	4.2372	4.3747	4.9600	4.5496
Rn-212	0.0008	0.0008	0.0008	0.0007	0.0007	0.0008	0.0009	0.0008
Rn-215	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0019	0.0019	0.0020	0.0019	0.0018	0.0019	0.0022	0.0020
Rn-219	0.3068	0.3138	0.3239	0.3142	0.2958	0.3066	0.3303	0.3193
Rn-220	1.6348	1.7038	1.7063	1.6046	1.5967	1.6676	1.7339	1.6240
Rn-222	0.0011	0.0012	0.0012	0.0012	0.0011	0.0012	0.0012	0.0012
Rn-223	1.5240	1.4830	1.6660	1.6982	1.3794	1.4079	1.5869	1.6013
Ru-103	1.4398	1.4856	1.4936	1.4781	1.4050	1.4825	1.5857	1.5091
Ru-105	2.0685	2.1352	2.1667	2.0588	2.0087	2.0794	2.3675	2.1304
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	0.8647	0.8962	0.9081	0.8592	0.8441	0.8744	0.9794	0.8698
Ru-108	0.7095	0.7233	0.7455	0.7230	0.6851	0.7017	0.7709	0.6609
Ru-92	6.4192	6.5277	6.7732	6.5592	6.1204	6.2376	6.9530	6.4288
Ru-94	1.9657	1.9867	2.0835	2.0413	1.8377	1.8771	2.1238	2.0108
Ru-95	2.8110	2.8757	2.9734	2.8465	2.6779	2.7529	3.1670	2.8528
Ru-97	2.0893	2.1017	2.2163	2.1754	1.9554	1.9740	2.2170	2.0549
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	1.3039	1.3477	1.4135	1.3413	1.2915	1.3929	1.5184	1.3344
S-38	1.2538	1.3223	1.3327	1.2119	1.2347	1.3060	1.4891	1.2532
Sb-111	2.4084	2.4751	2.5215	2.4371	2.3422	2.4185	2.6748	2.3646
Sb-113	1.7647	1.8108	1.8399	1.8153	1.7075	1.7796	1.9351	1.8271
Sb-114	2.4285	2.5366	2.5619	2.3635	2.3773	2.4674	2.8830	2.4602
Sb-115	1.7627	1.7969	1.8341	1.8386	1.6936	1.7584	1.9035	1.8401
Sb-116	2.1371	2.2223	2.2571	2.0953	2.0812	2.1504	2.5197	2.1694
Sb-116m	6.0344	6.2315	6.3396	6.0189	5.8626	6.0354	6.8580	6.1384
Sb-117	1.9436	1.9593	2.0421	2.0145	1.8520	1.8677	2.0890	1.8324
Sb-118	0.1732	0.1704	0.1827	0.1852	0.1585	0.1543	0.1819	0.1766
Sb-118m	5.6310	5.7943	5.9289	5.6273	5.4459	5.5590	6.3981	5.8263

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Sb-119	0.5156	0.4821	0.5517	0.5951	0.4435	0.4126	0.4921	0.5334
Sb-120	0.2722	0.2607	0.2875	0.3022	0.2415	0.2276	0.2699	0.2777
Sb-120m	6.2962	6.4895	6.6190	6.2806	6.1244	6.2679	7.0661	6.2349
Sb-122m	1.3256	1.3043	1.3899	1.4118	1.2454	1.2319	1.2963	1.3028
Sb-122	1.1386	1.1747	1.1837	1.1410	1.1109	1.1606	1.2958	1.1855
Sb-124	2.8061	2.9214	2.9422	2.7433	2.7477	2.8657	3.2832	2.8699
Sb-124m	1.1383	1.1662	1.1922	1.1537	1.1017	1.1491	1.2924	1.1923
Sb-124n	0.0290	0.0186	0.0411	0.0530	0.0158	0.0154	0.0195	0.0403
Sb-125	1.6345	1.6601	1.7093	1.6761	1.5678	1.6087	1.7712	1.6705
Sb-126	6.4859	6.7214	6.7790	6.3752	6.3350	6.5720	7.5336	6.7306
Sb-126m	3.8825	4.0158	4.0561	3.8394	3.7868	3.9359	4.4425	4.0283
Sb-127	1.8125	1.8746	1.8934	1.8025	1.7680	1.8366	2.0744	1.8895
Sb-128	7.2020	7.4757	7.5414	7.0700	7.0381	7.2973	8.4631	7.4364
Sb-128m	4.6780	4.8616	4.9124	4.5852	4.5692	4.7307	5.5239	4.8058
Sb-129	2.4993	2.6107	2.6276	2.4396	2.4501	2.5413	2.9619	2.5788
Sb-130m	5.3878	5.6200	5.6660	5.2578	5.2772	5.4480	6.3954	5.5197
Sb-130	7.7230	8.0289	8.1178	7.6032	7.5484	7.8094	9.0026	7.8434
Sb-131	3.1267	3.2666	3.2933	3.0434	3.0668	3.1823	3.7048	3.2068
Sb-133	3.2751	3.4319	3.4608	3.1825	3.2178	3.3532	3.8906	3.3414
Sc-42m	4.4638	4.6690	4.6998	4.3849	4.3766	4.5803	5.1463	4.5256
Sc-43	0.3451	0.3538	0.3642	0.3541	0.3328	0.3480	0.3691	0.3533
Sc-44	1.5567	1.6316	1.6434	1.5066	1.5304	1.5880	1.8686	1.5871
Sc-44m	1.4388	1.4817	1.5180	1.4495	1.3981	1.4443	1.5996	1.5112
Sc-46	3.0886	3.2388	3.2570	2.9884	3.0360	3.1392	3.7189	3.1862
Sc-47	1.1684	1.1996	1.2257	1.1786	1.1411	1.1756	1.2932	1.0723
Sc-48	4.7761	5.0111	5.0436	4.6258	4.6981	4.8652	5.7105	4.8717
Sc-49	0.0009	0.0009	0.0009	0.0008	0.0009	0.0009	0.0010	0.0009
Sc-50	4.3448	4.5508	4.5740	4.2628	4.2656	4.4603	5.0715	4.4212
Se-70	2.0681	1.9075	2.3573	2.5395	1.7680	1.8093	1.9690	2.2828
Se-71	1.6815	1.7347	1.7743	1.6806	1.6377	1.6902	1.9163	1.6543
Se-72	1.0360	0.8637	1.2486	1.4433	0.7907	0.7868	0.8696	1.2132
Se-73	2.5230	2.5189	2.7017	2.6955	2.3788	2.4511	2.5953	2.5709
Se-73m	0.3122	0.2904	0.3553	0.3782	0.2677	0.2727	0.3048	0.3450
Se-75	3.2726	3.2174	3.5719	3.6048	3.0215	3.0973	3.4047	3.4252
Se-77m	1.0773	1.0535	1.1790	1.1964	0.9865	1.0082	1.1267	1.0537
Se-79m	0.4286	0.3466	0.5338	0.6255	0.3041	0.2991	0.3539	0.5161
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0297	0.0307	0.0313	0.0297	0.0290	0.0300	0.0337	0.0308
Se-81m	0.4885	0.4082	0.5965	0.6856	0.3630	0.3591	0.4182	0.5759
Se-83m	1.5249	1.5935	1.6081	1.4900	1.4955	1.5536	1.7905	1.5596

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Se-83	5.0968	5.2976	5.3545	5.0515	4.9835	5.1933	5.8395	5.2081
Se-84	1.4954	1.5429	1.5629	1.5219	1.4539	1.5262	1.5805	1.5464
Si-31	0.0011	0.0011	0.0011	0.0010	0.0010	0.0011	0.0013	0.0011
Si-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-139	2.4146	2.4793	2.5409	2.4334	2.3414	2.4188	2.7037	2.4826
Sm-140	1.4763	1.4837	1.5579	1.5310	1.4111	1.4336	1.5717	1.4994
Sm-141	2.0716	2.1261	2.1760	2.1065	2.0059	2.0847	2.2446	2.1316
Sm-141m	4.4170	4.5390	4.6459	4.4402	4.2878	4.4127	4.9154	4.4243
Sm-142	0.6059	0.5822	0.6422	0.6660	0.5603	0.5532	0.5886	0.6314
Sm-143	0.4164	0.4053	0.4412	0.4502	0.3885	0.3865	0.4171	0.4325
Sm-143m	1.4287	1.4845	1.4982	1.3928	1.3954	1.4387	1.7098	1.4946
Sm-145	1.2800	1.2353	1.3529	1.3974	1.1902	1.1767	1.2410	1.3226
Sm-146	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0009	0.0006	0.0012	0.0015	0.0005	0.0005	0.0006	0.0011
Sm-153	1.0914	1.0819	1.1464	1.1518	1.0407	1.0514	1.0971	1.1053
Sm-155	1.4086	1.4325	1.4703	1.4326	1.3740	1.4030	1.4773	1.4004
Sm-156	1.2808	1.2821	1.3631	1.3513	1.2189	1.2457	1.3347	1.2608
Sm-157	2.2129	2.2659	2.3263	2.2393	2.1488	2.2042	2.3838	2.1283
Sn-106	3.3453	3.4250	3.5102	3.3932	3.2204	3.3026	3.6793	3.4378
Sn-108	3.2466	3.3079	3.4068	3.3183	3.1134	3.1864	3.4982	3.3085
Sn-109	2.9971	3.1008	3.1662	2.9800	2.8991	2.9878	3.4483	3.0450
Sn-110	1.9480	1.9741	2.0537	2.0070	1.8514	1.8792	2.1109	2.0063
Sn-111	0.4920	0.4864	0.5198	0.5226	0.4498	0.4411	0.5194	0.5011
Sn-113	0.4386	0.4176	0.4635	0.4905	0.3833	0.3596	0.4276	0.4492
Sn-113m	0.2951	0.2773	0.3145	0.3376	0.2560	0.2388	0.2830	0.3036
Sn-117m	1.8938	1.9122	1.9914	1.9598	1.8092	1.8309	2.0418	1.7792
Sn-119m	0.3471	0.3193	0.3773	0.4124	0.2923	0.2720	0.3262	0.3653
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.1189	0.1083	0.1312	0.1437	0.1005	0.0952	0.1109	0.1267
Sn-123	0.0099	0.0104	0.0105	0.0096	0.0097	0.0101	0.0119	0.0101
Sn-123m	1.5313	1.5675	1.6070	1.5516	1.4898	1.5295	1.6853	1.4119
Sn-125m	1.5714	1.6226	1.6549	1.5793	1.5272	1.5917	1.7532	1.5636
Sn-125	0.5072	0.5313	0.5349	0.4933	0.4981	0.5165	0.6042	0.5216
Sn-126	0.9929	0.9847	1.0454	1.0536	0.9394	0.9471	0.9989	0.9844
Sn-127m	1.4367	1.4858	1.4935	1.4694	1.4032	1.4808	1.5856	1.4996
Sn-127	3.1819	3.3171	3.3492	3.1263	3.1177	3.2356	3.7160	3.2599
Sn-128	2.9033	2.9198	3.0288	3.0298	2.7609	2.8040	3.0603	2.9517
Sn-129	1.9595	2.0325	2.0495	1.9104	1.9165	1.9869	2.3081	2.0200

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Sn-130	3.8101	3.9094	3.9928	3.8256	3.6959	3.7802	4.2171	3.7737
Sn-130m	2.2587	2.3238	2.3694	2.2541	2.1930	2.2475	2.5520	2.2651
Sr-79	1.4424	1.4430	1.5300	1.5168	1.3536	1.3738	1.5071	1.4583
Sr-80	1.3794	1.3552	1.4925	1.5083	1.2407	1.2620	1.4549	1.4464
Sr-81	2.3594	2.4164	2.4829	2.3979	2.2814	2.3533	2.5958	2.2976
Sr-82	0.3545	0.2928	0.4280	0.4939	0.2318	0.2101	0.2929	0.4079
Sr-83	1.6362	1.5984	1.7932	1.8086	1.4432	1.4573	1.7324	1.7475
Sr-85	1.7534	1.7353	1.8800	1.9296	1.5955	1.6482	1.8401	1.8756
Sr-85m	1.6915	1.7243	1.7918	1.7334	1.6250	1.6643	1.8283	1.7111
Sr-87m	1.2782	1.3065	1.3479	1.3189	1.2228	1.2746	1.3434	1.3179
Sr-89	0.0001	0.0002	0.0002	0.0001	0.0001	0.0002	0.0002	0.0002
Sr-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sr-91	1.2565	1.3122	1.3212	1.2204	1.2325	1.2739	1.4998	1.3008
Sr-92	1.5517	1.6304	1.6394	1.4998	1.5254	1.5916	1.8432	1.5601
Sr-93	4.0431	4.1952	4.2505	3.9886	3.9427	4.0915	4.7103	4.1381
Sr-94	1.5513	1.6332	1.6408	1.4948	1.5255	1.5935	1.8478	1.5534
Ta-170	1.6153	1.5981	1.7428	1.7417	1.5137	1.5461	1.6807	1.6657
Ta-172	3.8165	3.8490	4.0812	3.9798	3.6364	3.7370	4.1211	3.8746
Ta-173	2.6711	2.5998	2.8987	2.9542	2.4690	2.5167	2.6773	2.7204
Ta-174	2.9390	2.9181	3.1624	3.1492	2.7655	2.8293	3.0418	2.9453
Ta-175	3.8785	3.8806	4.1452	4.0957	3.6786	3.7759	4.0590	3.9221
Ta-176	3.8486	3.8864	4.1292	4.0098	3.6642	3.7866	4.1947	3.9225
Ta-177	1.1848	1.1347	1.2872	1.3383	1.0844	1.0981	1.1240	1.2122
Ta-178	1.2253	1.1693	1.3372	1.3941	1.1157	1.1307	1.1631	1.2622
Ta-178m	7.7670	7.8257	8.2416	8.1390	7.4227	7.6581	8.1158	7.8002
Ta-179	0.5758	0.5280	0.6480	0.7004	0.5005	0.5047	0.5210	0.6139
Ta-180	0.9866	0.9364	1.0786	1.1316	0.8944	0.9049	0.9236	1.0176
Ta-182	3.3832	3.4220	3.6089	3.5015	3.2387	3.3243	3.6817	3.4200
Ta-182m	3.4553	3.3597	3.7695	3.8514	3.1823	3.2439	3.4818	3.4417
Ta-183	3.1602	3.0757	3.4431	3.5160	2.9128	2.9704	3.1701	3.2691
Ta-184	5.6502	5.7419	6.0097	5.8543	5.4121	5.5945	6.1460	5.8673
Ta-185	1.7980	1.7457	1.9659	2.0114	1.6518	1.6824	1.8083	1.8044
Ta-186	5.4903	5.6186	5.7860	5.5785	5.3123	5.4839	6.0584	5.5167
Tb-146	3.1967	3.3459	3.3911	3.1338	3.1318	3.2682	3.7175	3.2165
Tb-147m	2.0390	2.0998	2.1626	2.0399	1.9761	2.0487	2.3102	2.0579
Tb-147	3.7884	3.8955	3.9907	3.7841	3.6816	3.7979	4.3033	3.8418
Tb-148m	6.8324	7.0560	7.1678	6.7834	6.6490	6.8797	7.8205	7.0808
Tb-148	2.9372	3.0387	3.0934	2.9121	2.8608	2.9645	3.4169	3.0443
Tb-149m	2.8728	2.9451	3.0213	2.8706	2.7800	2.8552	3.3035	2.9795
Tb-149	3.4023	3.4788	3.5854	3.4477	3.2895	3.3960	3.7665	3.4397

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Tb-150m	6.8413	7.0214	7.1513	6.8702	6.6422	6.8902	7.7016	7.0702
Tb-150	3.3421	3.4292	3.5209	3.3519	3.2432	3.3665	3.7944	3.4387
Tb-151	4.3816	4.4413	4.6084	4.5092	4.2170	4.3404	4.7026	4.5008
Tb-151m	0.6745	0.6017	0.7813	0.8633	0.5605	0.5701	0.6186	0.7593
Tb-152m	3.9072	3.9450	4.1288	4.0626	3.7407	3.8567	4.1609	4.0024
Tb-152	3.0222	3.0900	3.1905	3.0686	2.9189	3.0221	3.3370	3.0815
Tb-153	2.5451	2.5373	2.6956	2.6845	2.4188	2.4648	2.6347	2.5655
Tb-154	3.4738	3.5487	3.6770	3.5165	3.3577	3.4708	3.8746	3.5376
Tb-155	2.4537	2.4357	2.5912	2.5994	2.3338	2.3757	2.4915	2.4618
Tb-156	5.2330	5.3352	5.5165	5.3444	5.0506	5.2133	5.7381	5.3056
Tb-156m	0.7259	0.7219	0.7489	0.7523	0.6994	0.7189	0.7083	0.7103
Tb-156n	0.1546	0.1231	0.1935	0.2294	0.1124	0.1123	0.1256	0.1883
Tb-157	0.1693	0.1397	0.2055	0.2391	0.1292	0.1286	0.1417	0.2009
Tb-158	2.4652	2.4838	2.6210	2.5584	2.3524	2.4046	2.6846	2.5361
Tb-160	2.5757	2.6527	2.7269	2.5822	2.4986	2.5787	2.9402	2.6324
Tb-161	0.7718	0.7250	0.8426	0.8964	0.6881	0.6897	0.7252	0.8058
Tb-162	3.4199	3.5228	3.6104	3.4261	3.3206	3.4202	3.8877	3.5583
Tb-163	2.9016	2.9833	3.0393	2.9554	2.8164	2.9443	3.1591	2.9835
Tb-164	5.6773	5.8481	5.9800	5.6712	5.5165	5.7079	6.4752	5.7696
Tb-165	1.2714	1.3099	1.3524	1.2815	1.2290	1.2790	1.4575	1.2944
Tc-101	1.6606	1.7137	1.7485	1.6671	1.6147	1.6780	1.8656	1.6609
Tc-102m	3.7780	3.9315	3.9620	3.7421	3.6992	3.8746	4.3418	3.8846
Tc-102	0.1736	0.1799	0.1812	0.1746	0.1697	0.1780	0.1954	0.1804
Tc-104	3.6372	3.7814	3.8310	3.6140	3.5557	3.7210	4.1407	3.6918
Tc-105	2.7438	2.8206	2.8808	2.7608	2.6622	2.7494	3.0438	2.7314
Tc-91	1.3480	1.4111	1.4332	1.3177	1.3196	1.3832	1.5898	1.3661
Tc-91m	0.9776	1.0111	1.0190	0.9948	0.9527	1.0016	1.0946	1.0177
Tc-92	6.0367	6.2647	6.3619	5.9713	5.8838	6.0950	6.9330	6.0120
Tc-93	1.8858	1.9324	2.0140	1.9039	1.7771	1.8200	2.1624	1.8961
Tc-93m	1.4451	1.4775	1.5317	1.4811	1.3793	1.4344	1.5674	1.4827
Tc-94	5.1473	5.3245	5.4267	5.0790	4.9673	5.0971	6.0996	5.3608
Tc-94m	1.8924	1.9664	2.0033	1.8622	1.8327	1.8864	2.2517	1.9618
Tc-95	1.9386	1.9673	2.0578	1.9735	1.8131	1.8344	2.2417	2.0221
Tc-95m	2.6516	2.6902	2.8060	2.7178	2.5052	2.5443	2.9300	2.6436
Tc-96	5.0268	5.2017	5.3064	4.9617	4.8427	4.9627	5.9872	5.2472
Tc-96m	0.2851	0.2687	0.3110	0.3255	0.2368	0.2268	0.2881	0.2959
Tc-97	0.3930	0.3560	0.4355	0.4730	0.3028	0.2765	0.3766	0.4064
Tc-97m	0.3072	0.2811	0.3372	0.3636	0.2422	0.2246	0.2934	0.3172
Tc-98	3.0529	3.1681	3.1900	2.9681	2.9851	3.0869	3.6377	3.1767
Tc-99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Tc-99m	1.5389	1.5728	1.6136	1.5594	1.4954	1.5319	1.6654	1.4485
Te-113	1.6647	1.7392	1.7568	1.6215	1.6304	1.6931	1.9741	1.7041
Te-114	2.5595	2.6027	2.6990	2.6150	2.4462	2.4927	2.8217	2.5994
Te-115	2.5380	2.6352	2.6724	2.4948	2.4743	2.5567	2.9596	2.5871
Te-115m	2.8683	2.9849	3.0232	2.8105	2.7974	2.8939	3.3778	2.9345
Te-116	1.2895	1.2682	1.3543	1.3776	1.1986	1.1795	1.3084	1.2947
Te-117	2.0581	2.1202	2.1680	2.0433	1.9875	2.0372	2.3876	2.1150
Te-118	0.4210	0.3989	0.4460	0.4736	0.3715	0.3489	0.4080	0.4282
Te-119	1.9653	1.9968	2.0571	1.9784	1.8806	1.9121	2.2268	2.0236
Te-119m	3.7292	3.8321	3.9274	3.7399	3.6110	3.6981	4.2210	3.7022
Te-121	1.9074	1.9315	1.9901	1.9687	1.8216	1.8656	2.0895	1.9769
Te-121m	1.7808	1.8016	1.8815	1.8381	1.7022	1.7223	1.8905	1.7339
Te-123	0.0259	0.0168	0.0364	0.0467	0.0144	0.0140	0.0176	0.0357
Te-123m	1.7458	1.7637	1.8406	1.8063	1.6731	1.7019	1.8868	1.6373
Te-125m	0.7589	0.7186	0.8081	0.8540	0.6748	0.6415	0.7365	0.7720
Te-127	0.0192	0.0198	0.0201	0.0196	0.0187	0.0195	0.0204	0.0197
Te-127m	0.2467	0.2297	0.2672	0.2866	0.2149	0.2044	0.2355	0.2554
Te-129	0.2961	0.2882	0.3197	0.3309	0.2699	0.2733	0.3024	0.3141
Te-129m	0.2395	0.2305	0.2561	0.2646	0.2161	0.2105	0.2445	0.2475
Te-131	1.9509	2.0042	2.0440	1.9693	1.9005	1.9609	2.1560	1.8916
Te-131m	3.2838	3.4031	3.4513	3.2403	3.2027	3.3003	3.8115	3.3553
Te-132	2.1280	2.1506	2.2381	2.1906	2.0390	2.0642	2.2503	2.1328
Te-133	2.5946	2.6948	2.7320	2.5727	2.5329	2.6385	2.9670	2.6293
Te-133m	3.7525	3.8968	3.9477	3.6998	3.6638	3.7863	4.3609	3.8442
Te-134	3.3291	3.4219	3.4860	3.3461	3.2368	3.3373	3.6966	3.3451
Th-223	1.2579	1.2145	1.3727	1.4151	1.1345	1.1476	1.2522	1.2901
Th-224	0.2297	0.2300	0.2457	0.2432	0.2161	0.2207	0.2428	0.2220
Th-226	0.1500	0.1396	0.1687	0.1793	0.1271	0.1262	0.1451	0.1599
Th-227	1.3875	1.3117	1.5478	1.6217	1.2008	1.2059	1.3739	1.4867
Th-228	0.1028	0.0872	0.1228	0.1397	0.0754	0.0722	0.0904	0.1163
Th-229	1.8213	1.6907	2.0492	2.1864	1.5484	1.5455	1.7438	1.9282
Th-230	1.1316	1.1453	1.1465	1.1455	1.1190	1.1340	1.1597	1.1125
Th-231	0.8228	0.7056	0.9698	1.0991	0.6134	0.5839	0.7272	0.9230
Th-232	1.4889	1.5556	1.5556	1.4483	1.4621	1.5488	1.6550	1.4969
Th-233	0.3109	0.2842	0.3552	0.3843	0.2600	0.2607	0.2983	0.3406
Th-234	0.2243	0.2098	0.2492	0.2642	0.1930	0.1912	0.2127	0.2351
Th-235	0.1579	0.1619	0.1663	0.1600	0.1523	0.1578	0.1767	0.1637
Th-236	0.2700	0.2642	0.2929	0.2971	0.2459	0.2492	0.2778	0.2784
Ti-44	2.3854	2.4089	2.4803	2.4495	2.3258	2.3830	2.4012	2.2885
Ti-45	0.0136	0.0107	0.0175	0.0206	0.0096	0.0096	0.0117	0.0171

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ti-51	1.6089	1.6638	1.6961	1.6101	1.5656	1.6301	1.8205	1.5966
Ti-52	1.7961	1.8089	1.9013	1.8687	1.7135	1.7430	1.8868	1.7489
Tl-190	2.2086	2.2450	2.3339	2.2882	2.1182	2.2018	2.3548	2.2781
Tl-190m	5.8046	5.9443	6.1105	5.8798	5.6078	5.8161	6.4648	5.9869
Tl-194	2.3336	2.3463	2.4787	2.4612	2.2170	2.2958	2.4480	2.4074
Tl-194m	7.4653	7.5857	7.8967	7.6741	7.1555	7.4028	8.2141	7.7296
Tl-195	3.1210	3.0792	3.3971	3.4019	2.8894	2.9696	3.2918	3.2523
Tl-196	3.8156	3.8779	4.0565	3.9509	3.6522	3.7944	4.1202	3.9061
Tl-197	2.3698	2.3350	2.5552	2.5810	2.2079	2.2635	2.4195	2.4161
Tl-198	4.1852	4.2525	4.4550	4.3300	4.0042	4.1570	4.5282	4.2814
Tl-198m	4.8617	4.8728	5.1858	5.1381	4.5940	4.7471	5.1890	5.0586
Tl-199	2.2761	2.2295	2.4611	2.5068	2.1096	2.1569	2.2826	2.3219
Tl-200	3.9029	3.9490	4.1571	4.0611	3.7217	3.8498	4.2088	3.9845
Tl-201	1.7059	1.6250	1.8779	1.9643	1.5356	1.5587	1.6404	1.7469
Tl-202	2.5269	2.5144	2.6986	2.7310	2.3770	2.4608	2.5657	2.6098
Tl-204	0.0262	0.0245	0.0291	0.0309	0.0231	0.0234	0.0245	0.0273
Tl-206m	7.7564	7.9709	8.1712	7.8438	7.5173	7.7805	8.6322	7.9951
Tl-206	0.0013	0.0013	0.0014	0.0015	0.0012	0.0012	0.0013	0.0014
Tl-207	0.0041	0.0043	0.0044	0.0040	0.0041	0.0042	0.0050	0.0043
Tl-208	3.4413	3.5646	3.6345	3.4220	3.3657	3.5386	3.9790	3.5565
Tl-209	4.5718	4.7238	4.8110	4.6046	4.4541	4.6362	5.0265	4.5764
Tl-210	4.9260	5.0863	5.2314	4.9240	4.7641	4.9378	5.7150	5.0826
Tm-161	4.6382	4.6212	4.9264	4.9027	4.4014	4.5239	4.7760	4.6564
Tm-162	2.7162	2.7598	2.8877	2.7845	2.6108	2.7023	2.9914	2.7725
Tm-163	4.0846	4.1113	4.3259	4.2461	3.9058	4.0256	4.3252	4.1418
Tm-164	1.0646	1.0538	1.1384	1.1379	1.0023	1.0309	1.0977	1.0852
Tm-165	3.2190	3.2229	3.4106	3.3822	3.0639	3.1525	3.3619	3.3057
Tm-166	4.1025	4.1605	4.3579	4.2119	3.9323	4.0655	4.5252	4.1736
Tm-167	1.9039	1.8595	2.0459	2.0846	1.7719	1.8096	1.8853	1.9114
Tm-168	4.7504	4.8119	5.0306	4.8939	4.5546	4.6869	5.1759	4.7908
Tm-170	0.0871	0.0809	0.0974	0.1043	0.0768	0.0783	0.0812	0.0923
Tm-171	0.0132	0.0125	0.0145	0.0153	0.0120	0.0121	0.0123	0.0137
Tm-172	0.8234	0.8294	0.8906	0.8666	0.7781	0.8055	0.9020	0.8410
Tm-173	1.5152	1.5526	1.5899	1.5566	1.4646	1.5326	1.5809	1.5643
Tm-174	6.3824	6.5356	6.7588	6.5072	6.1655	6.3759	7.0319	6.4729
Tm-175	2.6320	2.7107	2.7637	2.6662	2.5566	2.6645	2.9564	2.7291
Tm-176	4.4477	4.5504	4.7224	4.5348	4.2933	4.4468	4.9207	4.4860
U-227	1.3355	1.3068	1.4493	1.4703	1.2178	1.2331	1.3658	1.3920
U-228	0.1260	0.1118	0.1458	0.1610	0.0985	0.0953	0.1163	0.1382
U-230	0.1116	0.0930	0.1342	0.1544	0.0786	0.0736	0.0968	0.1272

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
U-231	1.9654	1.8080	2.2148	2.3819	1.6370	1.6113	1.8612	2.1037
U-232	0.0984	0.0802	0.1201	0.1400	0.0667	0.0615	0.0834	0.1142
U-233	0.0522	0.0422	0.0640	0.0749	0.0352	0.0327	0.0438	0.0610
U-234	1.0730	1.0827	1.1392	1.0824	1.0613	1.0715	1.0750	1.0637
U-235	1.7746	1.8195	1.8346	1.8104	1.7349	1.7797	1.8274	1.7610
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	0.0800	0.0647	0.0980	0.1147	0.0536	0.0493	0.0674	0.0933
U-237	2.1935	2.1235	2.3840	2.4451	1.9801	1.9858	2.1800	2.2349
U-238	1.1551	1.1924	1.1564	1.1595	1.1327	1.1900	1.2524	1.1645
U-239	0.7901	0.7821	0.8352	0.8421	0.7434	0.7553	0.7885	0.7770
U-240	0.3020	0.2573	0.3583	0.4069	0.2226	0.2118	0.2667	0.3411
U-242	0.3002	0.3023	0.3148	0.3103	0.2876	0.2933	0.3112	0.2963
V-47	0.0123	0.0118	0.0139	0.0141	0.0110	0.0114	0.0130	0.0131
V-48	3.2467	3.3939	3.4414	3.1694	3.1784	3.2950	3.8746	3.3272
V-49	0.0716	0.0460	0.1015	0.1308	0.0391	0.0381	0.0482	0.0995
V-50	1.5330	1.5951	1.6472	1.5270	1.4813	1.5465	1.7881	1.5530
V-52	1.4995	1.5810	1.5880	1.4433	1.4754	1.5426	1.7853	1.4949
V-53	1.5899	1.6688	1.6801	1.5423	1.5643	1.6160	1.8998	1.6361
W-177	5.1160	5.0700	5.4928	5.5020	4.8112	4.9237	5.2653	5.2081
W-178	0.4135	0.3607	0.4856	0.5446	0.3373	0.3383	0.3586	0.4626
W-179	1.2301	1.1305	1.3810	1.4891	1.0710	1.0737	1.1209	1.3060
W-179m	0.9078	0.8620	1.0001	1.0468	0.8190	0.8272	0.8606	0.9411
W-181	0.8583	0.8031	0.9505	1.0097	0.7647	0.7709	0.7904	0.8961
W-185m	0.6985	0.5732	0.8648	1.0055	0.5230	0.5234	0.5896	0.8239
W-185	0.0009	0.0009	0.0009	0.0010	0.0008	0.0008	0.0009	0.0009
W-187	1.6387	1.6614	1.7269	1.6889	1.5760	1.6264	1.7801	1.6774
W-188	0.0147	0.0147	0.0158	0.0158	0.0138	0.0142	0.0154	0.0151
W-190	2.3284	2.2670	2.5226	2.5767	2.1582	2.1903	2.3126	2.3101
Xe-120	2.1665	2.1651	2.2792	2.2658	2.0461	2.0537	2.2939	2.1717
Xe-121	1.9709	2.0148	2.0796	1.9981	1.9026	1.9537	2.1810	1.9894
Xe-122	0.7368	0.7195	0.7799	0.7964	0.6797	0.6695	0.7463	0.7383
Xe-123	2.0047	2.0301	2.1122	2.0589	1.9220	1.9515	2.1737	1.9346
Xe-125	2.3018	2.3157	2.4250	2.3876	2.1933	2.2112	2.4303	2.2624
Xe-127	2.5459	2.5743	2.6819	2.6251	2.4379	2.4700	2.6939	2.4348
Xe-127m	2.1500	2.1759	2.2592	2.2084	2.0724	2.1047	2.2792	2.0558
Xe-129m	0.9724	0.9312	1.0344	1.0744	0.8843	0.8572	0.9575	0.9778
Xe-131m	0.4047	0.3841	0.4341	0.4547	0.3639	0.3525	0.3964	0.4095
Xe-133	0.8494	0.8431	0.8890	0.8931	0.8101	0.8178	0.8581	0.8297
Xe-133m	0.5383	0.5229	0.5732	0.5861	0.4954	0.4872	0.5431	0.5476
Xe-135	1.5221	1.5653	1.6017	1.5335	1.4804	1.5222	1.6746	1.6291

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Xe-135m	1.2558	1.2888	1.3055	1.2885	1.2196	1.2768	1.3873	1.3116
Xe-137	0.5091	0.5262	0.5309	0.5186	0.4964	0.5224	0.5546	0.5292
Xe-138	1.9102	1.9662	2.0295	1.9377	1.8469	1.9252	2.1312	1.9754
Y-81	1.8573	1.8545	1.9757	1.9677	1.7412	1.7723	1.9161	1.8417
Y-83	1.0776	1.0633	1.1644	1.1652	0.9729	0.9799	1.1543	1.1306
Y-83m	1.3687	1.3880	1.4517	1.4240	1.2966	1.3326	1.4717	1.4522
Y-84m	5.0006	5.2277	5.2693	4.8650	4.8985	5.0657	5.9802	5.1778
Y-85	1.1643	1.1801	1.2290	1.2296	1.0997	1.1447	1.2681	1.2288
Y-85m	1.2851	1.3065	1.3751	1.3235	1.2106	1.2439	1.4410	1.3273
Y-86	5.1010	5.2741	5.4016	5.0728	4.9251	5.0960	5.9411	5.2555
Y-86m	1.7010	1.7431	1.7943	1.7228	1.6484	1.6867	1.8333	1.6204
Y-87	1.6817	1.6641	1.8019	1.8515	1.5285	1.5738	1.7521	1.7885
Y-87m	1.2439	1.2706	1.3126	1.2828	1.1881	1.2356	1.3171	1.2757
Y-88	3.2708	3.3626	3.5104	3.3075	3.1012	3.1992	3.7879	3.3672
Y-89m	1.5370	1.6110	1.6207	1.4895	1.5090	1.5566	1.8524	1.5978
Y-90	0.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000
Y-90m	3.0792	3.1644	3.2258	3.1373	2.9906	3.0988	3.3270	3.0273
Y-91	0.0040	0.0042	0.0042	0.0038	0.0039	0.0041	0.0048	0.0040
Y-91m	1.4188	1.4610	1.4758	1.4343	1.3803	1.4445	1.6002	1.4809
Y-92	0.4041	0.4229	0.4255	0.3946	0.3966	0.4117	0.4780	0.4167
Y-93	0.2051	0.2130	0.2164	0.2031	0.2003	0.2076	0.2346	0.2133
Y-94	1.1996	1.2565	1.2646	1.1663	1.1781	1.2200	1.4330	1.2406
Y-95	0.8896	0.9321	0.9462	0.8703	0.8762	0.9208	1.0546	0.9078
Yb-162	2.5806	2.5654	2.7429	2.7421	2.4474	2.5096	2.6548	2.5465
Yb-163	1.7820	1.7513	1.9243	1.9379	1.6588	1.7028	1.8358	1.8374
Yb-164	0.9301	0.8942	0.9980	1.0366	0.8578	0.8765	0.8834	0.9478
Yb-165	2.5607	2.4458	2.7943	2.9150	2.3302	2.3841	2.4691	2.6482
Yb-166	1.7667	1.7035	1.8923	1.9607	1.6360	1.6730	1.6819	1.7905
Yb-167	4.1411	4.0460	4.4425	4.5286	3.8664	3.9506	4.0963	4.1682
Yb-169	4.6876	4.6216	4.9914	5.0364	4.4195	4.5117	4.6670	4.6379
Yb-175	0.2270	0.2302	0.2397	0.2354	0.2182	0.2258	0.2371	0.2315
Yb-177	0.8145	0.8277	0.8611	0.8344	0.7862	0.8077	0.8855	0.7943
Yb-178	0.1674	0.1702	0.1774	0.1741	0.1603	0.1671	0.1767	0.1720
Yb-179	2.8413	2.9166	2.9704	2.8550	2.7597	2.8696	3.1958	2.9262
Zn-60	1.6814	1.7246	1.7622	1.6782	1.6332	1.6833	1.8942	1.7233
Zn-61	0.6648	0.6923	0.7012	0.6621	0.6501	0.6830	0.7619	0.6815
Zn-62	1.4316	1.3669	1.5853	1.6599	1.2815	1.3190	1.4686	1.5791
Zn-63	0.2756	0.2802	0.2960	0.2832	0.2625	0.2711	0.3185	0.2912
Zn-65	1.0265	0.9783	1.1712	1.2013	0.9037	0.9282	1.1040	1.1386
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Zn-69m	1.3952	1.4341	1.4599	1.4368	1.3522	1.4221	1.4875	1.4549
Zn-71	0.7884	0.8165	0.8223	0.7956	0.7708	0.8072	0.8860	0.8184
Zn-71m	4.4720	4.6185	4.6649	4.4999	4.3611	4.5619	4.9692	4.6194
Zn-72	2.0628	1.9858	2.2827	2.3538	1.8660	1.9031	2.1029	2.0813
Zr-85	1.3390	1.3811	1.4038	1.3610	1.2974	1.3574	1.4660	1.3874
Zr-86	2.4809	2.4320	2.6819	2.7065	2.2228	2.2109	2.5853	2.6164
Zr-87	0.1785	0.1742	0.1956	0.1959	0.1561	0.1552	0.1940	0.1863
Zr-88	1.8212	1.8139	1.9502	1.9600	1.6665	1.7043	1.8674	1.8944
Zr-89	1.8484	1.8829	1.9803	1.8898	1.7330	1.7591	2.1398	1.9334
Zr-89m	1.4581	1.5012	1.5216	1.4560	1.4154	1.4725	1.6702	1.5118
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	1.4914	1.5536	1.5620	1.4460	1.4598	1.5081	1.7959	1.5582
Zr-97	1.7702	1.8426	1.8552	1.7254	1.7310	1.7908	2.1124	1.8444

Table 6: Drywall 1 cm Contamination Thickness for 400x400x40 ft room

Nuclide	avg400	ctr400	mid400	cnr400
Ac-223	0.1659	0.1776	0.2902	0.3242
Ac-224	2.5109	2.6765	3.1523	3.2605
Ac-225	0.2160	0.2307	0.3798	0.4375
Ac-226	1.1528	1.2188	1.4710	1.4168
Ac-227	0.0199	0.0209	0.0764	0.0911
Ac-228	1.8276	1.9335	2.3424	2.5453
Ac-230	0.7682	0.8325	1.0150	1.1028
Ac-231	2.7395	2.9224	3.2843	3.2989
Ac-232	1.3044	1.3965	1.6955	1.8239
Ac-233	1.3086	1.4332	1.6433	1.6706
Ag-100m	2.6017	2.7674	3.1366	3.3188
Ag-101	2.0417	2.1866	2.4245	2.5243
Ag-102m	1.5800	1.7053	1.9578	1.9613
Ag-102	3.8375	4.1205	4.6422	4.8727
Ag-103	2.0940	2.2004	2.5048	2.5352
Ag-104	4.5632	4.8347	5.4932	5.8981
Ag-104m	1.8262	1.9721	2.2471	2.3175
Ag-105	2.1409	2.2213	2.5468	2.6595
Ag-105m	0.0095	0.0100	0.0338	0.0371
Ag-106	0.3495	0.3690	0.4458	0.4847
Ag-106m	5.5314	5.9035	6.6620	7.0371
Ag-108	0.0425	0.0444	0.0532	0.0571
Ag-108m	4.1008	4.3019	4.9862	5.1849
Ag-109m	0.1776	0.1767	0.2378	0.3004
Ag-110	0.0659	0.0697	0.0804	0.0853
Ag-110m	4.5895	4.8619	5.4840	5.9303
Ag-111	0.1193	0.1253	0.1369	0.1339
Ag-111m	0.0923	0.0905	0.1374	0.1712
Ag-112	1.0407	1.1181	1.2670	1.3275
Ag-113m	0.8315	0.8701	0.9854	0.9816
Ag-113	0.2670	0.2830	0.3070	0.3096
Ag-114	0.4295	0.4669	0.5213	0.5375
Ag-115	0.9568	1.0194	1.1339	1.1172
Ag-116	2.5148	2.7400	3.0774	3.0913
Ag-117	1.8830	1.9830	2.2517	2.1433
Ag-99	2.6489	2.8280	3.1289	3.2352
Al-26	1.4140	1.5240	1.6967	1.7065
Al-28	1.3788	1.4850	1.6553	1.6622
Al-29	1.4457	1.6534	1.6960	1.9637

Nuclide	avg400	ctr400	mid400	cnr400
Am-237	2.5957	2.8138	3.2656	3.4788
Am-238	2.5921	2.8053	3.2746	3.6235
Am-239	2.7692	3.0235	3.6336	3.9609
Am-240	2.6821	2.8799	3.4851	3.9389
Am-241	1.0242	1.0511	1.0812	1.0805
Am-242	0.2838	0.3040	0.4522	0.5211
Am-242m	0.1017	0.1020	0.2556	0.3069
Am-243	0.9488	0.9671	1.0802	1.2006
Am-244	2.1649	2.2428	2.9803	3.2191
Am-244m	0.0817	0.0839	0.1539	0.1814
Am-245	0.3146	0.3377	0.4022	0.4249
Am-246	2.9934	3.1049	4.1378	4.2977
Am-246m	1.6376	1.7461	2.0485	2.3007
Am-247	1.2079	1.2935	1.5007	1.5697
Ar-37	0.0062	0.0066	0.0359	0.0397
Ar-39	0.0000	0.0000	0.0000	0.0000
Ar-41	1.4223	1.6300	1.6601	1.9483
Ar-42	0.0000	0.0000	0.0000	0.0000
Ar-43	1.7162	1.8516	2.0606	2.1936
Ar-44	2.6623	2.8202	3.1875	3.0050
As-68	3.3649	3.6091	4.0398	4.3534
As-69	0.4852	0.5154	0.6173	0.6079
As-70	4.3835	4.7266	5.2700	5.7347
As-71	1.6921	1.7605	2.4201	2.1853
As-72	1.4070	1.4691	1.7298	1.8682
As-73	0.3233	0.3424	1.3816	1.5405
As-74	1.0957	1.1746	1.5128	1.5944
As-76	0.8557	0.9308	1.0373	1.0821
As-77	0.0439	0.0472	0.0520	0.0504
As-78	1.9567	2.1114	2.3579	2.5133
As-79	0.0861	0.0903	0.1019	0.1023
At-204	5.7172	6.0764	6.9843	7.2547
At-205	2.7681	2.9258	3.4178	3.6765
At-206	5.9168	6.2626	7.1679	7.4490
At-207	4.4125	4.6790	5.3961	5.7804
At-208	7.0237	7.4129	8.6173	9.0470
At-209	6.2419	6.5992	7.6199	8.1197
At-210	5.3453	5.8264	6.5252	7.1283
At-211	0.5569	0.5853	0.7266	0.8150
At-215	0.0007	0.0007	0.0008	0.0008

Nuclide	avg400	ctr400	mid400	cnr400
At-216	0.0314	0.0330	0.0389	0.0425
At-217	0.0014	0.0015	0.0017	0.0018
At-218	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000
At-220	2.1452	2.2853	2.5418	2.5178
Au-186	3.3197	3.4696	3.9978	4.0326
Au-187	2.4097	2.5261	3.0689	3.3444
Au-190	3.8881	4.1022	4.6950	4.8090
Au-191	3.0406	3.1525	3.7967	4.0100
Au-192	3.5832	3.7701	4.3000	4.4914
Au-193	1.8282	1.8670	2.2945	2.4954
Au-193m	1.3634	1.4496	1.8447	1.9301
Au-194	2.8192	2.9473	3.3823	3.6029
Au-195	1.3700	1.4017	1.8960	2.1770
Au-195m	1.3751	1.4600	1.8559	1.9480
Au-196	2.5838	2.6598	3.0924	3.2045
Au-196m	2.8006	2.8716	3.9435	3.9747
Au-198	1.3475	1.3975	1.6140	1.5296
Au-198m	5.0680	5.3615	6.2598	6.2437
Au-199	1.0230	1.0471	1.3214	1.1644
Au-200	0.5182	0.5604	0.6074	0.6420
Au-200m	6.7353	7.1306	8.0999	8.0166
Au-201	0.1277	0.1352	0.1866	0.1957
Au-202	0.3271	0.3528	0.3893	0.4079
Ba-124	1.4635	1.5053	1.7422	1.7771
Ba-126	1.9203	2.0072	2.2705	2.3837
Ba-127	0.7775	0.7938	0.9203	0.9424
Ba-128	0.6356	0.6323	0.7559	0.8236
Ba-129	0.7926	0.8003	0.9533	0.9939
Ba-129m	4.0692	4.2623	4.9053	4.9579
Ba-131	2.3982	2.4921	2.8409	2.8738
Ba-131m	1.1038	1.1766	1.2910	1.3792
Ba-133	2.5486	2.6030	2.9305	3.0186
Ba-133m	0.5935	0.5996	0.7858	0.8375
Ba-135m	0.5403	0.5434	0.6475	0.6846
Ba-137m	1.3096	1.3795	1.5934	1.6894
Ba-139	0.4152	0.4234	0.5051	0.4049
Ba-140	0.6780	0.7162	0.9220	0.9297
Ba-141	2.7902	2.9543	3.2761	3.2118
Ba-142	2.3479	2.5045	2.7411	2.9217

Nuclide	avg400	ctr400	mid400	cnr400
Be-10	0.0000	0.0000	0.0000	0.0000
Be-7	0.1413	0.1536	0.1702	0.1673
Bi-197	3.1869	3.3865	3.9272	4.3503
Bi-200	6.5966	6.9973	7.9742	8.3181
Bi-201	3.2589	3.4569	3.9952	4.3847
Bi-202	6.1667	6.5035	7.4710	7.9333
Bi-203	4.0870	4.3173	4.9769	5.3737
Bi-204	6.1847	6.5106	7.4675	8.0366
Bi-205	3.0307	3.2077	3.7690	4.0827
Bi-206	7.1641	7.5522	8.6567	9.1908
Bi-207	3.5409	3.7912	4.3677	4.7775
Bi-208	1.9229	2.0505	2.6267	2.4740
Bi-210	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.4059	1.4929	1.6441	1.6591
Bi-211	0.2179	0.2266	0.2554	0.2540
Bi-212n	0.0000	0.0000	0.0000	0.0000
Bi-212	0.1950	0.2056	0.2968	0.3308
Bi-213	0.4313	0.4564	0.5205	0.5129
Bi-214	1.8911	2.0461	2.2781	2.4200
Bi-215	1.0159	1.0799	1.1998	1.2491
Bi-216	2.0374	2.1883	2.4719	2.4767
Bk-245	2.5129	2.6999	3.1699	3.3605
Bk-246	2.5188	2.6562	3.2836	3.6170
Bk-247	1.4300	1.5358	1.6561	1.7375
Bk-248m	0.4715	0.5032	0.6455	0.7033
Bk-249	0.0000	0.0000	0.0000	0.0000
Bk-250	1.4147	1.5056	1.7594	2.0028
Bk-251	1.1787	1.2316	1.5788	1.6288
Br-72	2.7053	2.8948	3.2454	3.5015
Br-73	1.4706	1.5181	1.7161	1.8462
Br-74	3.0477	3.2744	3.8044	3.8174
Br-74m	3.7996	4.0729	4.6765	4.8889
Br-75	1.9282	2.0465	2.3394	2.3498
Br-76	2.6446	2.8698	3.4056	3.5293
Br-76m	0.6536	0.6810	1.1551	1.4694
Br-77	1.2181	1.3125	1.8397	1.9644
Br-77m	0.2916	0.3250	0.5847	0.7371
Br-78	0.2042	0.2185	0.2798	0.3018
Br-80	0.1250	0.1334	0.1768	0.1928
Br-80m	0.4186	0.4344	0.9439	1.2546

Nuclide	avg400	ctr400	mid400	cnr400
Br-82m	0.1015	0.1121	0.3891	0.5328
Br-82	4.6589	4.9756	5.5642	5.9630
Br-83	0.0177	0.0194	0.0216	0.0219
Br-84m	4.2266	4.5064	5.0212	5.2437
Br-84	1.5583	1.6570	1.8789	1.9490
Br-85	0.1036	0.1088	0.1221	0.1320
C-10	1.4174	1.4822	1.6958	1.8105
C-11	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0110	0.0118	0.0642	0.0709
Ca-45	0.0000	0.0000	0.0000	0.0000
Ca-47	1.2507	1.4175	1.4642	1.6863
Ca-49	1.3466	1.4470	1.7766	1.5475
Cd-101	2.6749	2.9188	3.1382	3.3837
Cd-102	2.0330	2.1672	2.4573	2.6015
Cd-103	2.0003	2.1307	2.4522	2.6214
Cd-104	1.4013	1.4447	1.6394	1.8701
Cd-105	1.3441	1.4258	1.6414	1.7892
Cd-107	0.4741	0.4652	0.6358	0.8251
Cd-109	0.4300	0.4187	0.5833	0.7598
Cd-111m	2.0166	2.1237	2.3938	2.3066
Cd-113	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0005	0.0006	0.0007	0.0008
Cd-115	0.5403	0.5894	0.6527	0.6630
Cd-115m	0.0481	0.0522	0.0568	0.0635
Cd-117	1.9249	2.0787	2.2495	2.3682
Cd-117m	2.2771	2.4669	2.7181	2.8887
Cd-118	0.0000	0.0000	0.0000	0.0000
Cd-119	2.3318	2.4956	2.7472	2.7989
Cd-119m	2.6757	2.8969	3.1883	3.4025
Ce-130	2.3686	2.4324	2.7865	2.8291
Ce-131	2.8862	3.0235	3.4930	3.5310
Ce-132	2.3340	2.3879	2.7936	2.5475
Ce-133	1.7101	1.7914	1.9403	2.1318
Ce-133m	3.9706	4.1835	4.6847	4.8983
Ce-134	0.4618	0.4477	0.5599	0.6299
Ce-135	2.9194	3.0644	3.4537	3.5737
Ce-137	0.5064	0.4948	0.6930	0.7763
Ce-137m	0.5305	0.5363	0.6399	0.7026
Ce-139	1.7592	1.7720	2.1482	1.8764

Nuclide	avg400	ctr400	mid400	cnr400
Ce-141	0.8732	0.8838	1.0435	0.9063
Ce-143	1.4571	1.5085	1.6778	1.7825
Ce-144	0.2490	0.2518	0.2898	0.2838
Ce-145	2.3782	2.4628	2.7917	3.0362
Cf-244	0.0371	0.0368	0.0873	0.1051
Cf-246	0.0258	0.0256	0.0601	0.0723
Cf-247	1.3917	1.4651	2.0123	2.1937
Cf-248	0.0313	0.0311	0.0723	0.0868
Cf-249	1.3751	1.4259	1.7096	1.6843
Cf-250	0.0385	0.0393	0.0726	0.0840
Cf-251	1.4159	1.5004	1.8542	1.9048
Cf-252	0.7106	0.7568	0.8726	0.8964
Cf-253	0.0869	0.0857	0.1972	0.2317
Cf-254	25.2749	26.9821	30.0854	30.5477
Cf-255	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0000	0.0000	0.0000	0.0000
Cl-34m	1.5975	1.6910	1.9445	1.7845
Cl-36	0.0001	0.0001	0.0005	0.0006
Cl-38	1.0179	1.0968	1.2446	1.2068
Cl-39	2.0823	2.3112	2.4415	2.6409
Cl-40	2.6971	2.9397	3.3349	3.3190
Cm-238	1.1519	1.2542	1.4656	1.6017
Cm-239	2.8319	3.0047	3.5167	3.4322
Cm-240	0.0401	0.0403	0.0995	0.1224
Cm-241	2.7446	2.9534	3.6644	3.8654
Cm-242	0.0360	0.0361	0.0893	0.1099
Cm-243	1.3450	1.4586	1.8182	1.9631
Cm-244	0.0309	0.0310	0.0767	0.0944
Cm-245	1.4489	1.5776	1.9005	2.0571
Cm-246	0.0300	0.0305	0.0676	0.0818
Cm-247	1.1376	1.1796	1.3560	1.2858
Cm-248	1.9933	2.1264	2.4025	2.4519
Cm-249	0.0731	0.0780	0.1742	0.1879
Cm-250	19.9392	21.2867	23.7408	24.1037
Cm-251	0.3895	0.4176	0.4896	0.5055
Co-54m	4.1670	4.5420	4.9331	5.3006
Co-55	1.8650	2.0039	2.2568	2.4677
Co-56	3.6259	3.9232	4.4917	4.8510
Co-57	1.5809	1.6348	2.2047	2.2250
Co-58	1.4750	1.5259	1.9016	2.0625

Nuclide	avg400	ctr400	mid400	cnr400
Co-58m	0.0442	0.0476	0.2570	0.2843
Co-60	2.8799	3.2561	3.3741	3.9221
Co-60m	0.0727	0.0767	0.3066	0.3403
Co-61	1.0083	1.0071	1.0329	1.1886
Co-62	1.6634	1.8542	1.9746	2.2168
Co-62m	2.9588	3.2959	3.4843	3.9599
Cr-48	2.9672	3.1729	3.4351	3.4835
Cr-49	1.3745	1.4516	1.5240	1.4869
Cr-51	0.1719	0.1814	0.3114	0.3251
Cr-55	0.0006	0.0007	0.0007	0.0008
Cr-56	1.4269	1.4907	1.5975	1.7850
Cs-121	1.0319	1.0775	1.2261	1.1643
Cs-121m	1.9412	2.0285	2.3063	2.1851
Cs-123	1.3470	1.4367	1.5544	1.6830
Cs-124	0.5485	0.5738	0.6422	0.6448
Cs-125	1.0784	1.1321	1.2848	1.3603
Cs-126	0.8917	0.9235	1.0597	1.0497
Cs-127	1.7138	1.7504	2.0350	2.0660
Cs-128	0.5744	0.5988	0.6889	0.7065
Cs-129	1.4332	1.4451	1.6958	1.7824
Cs-130m	1.1082	1.1097	1.2989	1.3947
Cs-130	0.2939	0.2909	0.3528	0.4055
Cs-131	0.3805	0.3629	0.4571	0.5462
Cs-132	1.8293	1.8943	2.2147	2.4072
Cs-134	3.1424	3.3190	3.7677	3.9883
Cs-134m	0.3867	0.3836	0.5569	0.5902
Cs-135	0.0000	0.0000	0.0000	0.0000
Cs-135m	2.8162	2.9145	3.3044	3.5838
Cs-136	4.2015	4.4412	4.9105	5.2353
Cs-137	1.5850	1.6883	1.7114	1.9164
Cs-138m	1.0802	1.1345	1.3037	1.3297
Cs-138	2.7617	3.0051	3.3149	3.4670
Cs-139	0.2863	0.3164	0.3439	0.3673
Cs-140	1.8877	2.0365	2.3083	2.3620
Cu-57	0.1476	0.1618	0.1752	0.1983
Cu-59	0.7052	0.7647	0.8327	0.8970
Cu-60	2.8174	3.0980	3.3764	3.6375
Cu-61	0.5457	0.5800	0.7440	0.7883
Cu-62	0.0098	0.0107	0.0178	0.0198
Cu-64	0.0332	0.0361	0.1618	0.1792

Nuclide	avg400	ctr400	mid400	cnr400
Cu-66	0.1397	0.1506	0.1653	0.1884
Cu-67	1.1393	1.2056	1.3722	1.2556
Cu-69	0.8335	0.8914	0.9903	1.0880
Dy-148	2.0649	2.1763	2.5166	2.7066
Dy-149	3.2501	3.4580	3.8399	4.1798
Dy-150	1.2940	1.3277	1.5483	1.5446
Dy-151	3.0934	3.2700	3.7708	3.9718
Dy-152	2.0805	2.2060	2.4449	2.5155
Dy-153	3.5960	3.7886	4.2493	4.5152
Dy-154	0.0000	0.0000	0.0000	0.0000
Dy-155	2.6544	2.8012	3.1425	3.2475
Dy-157	2.1131	2.1993	2.4481	2.5327
Dy-159	0.8131	0.8319	0.9816	1.1097
Dy-165m	0.1825	0.1934	0.3183	0.3449
Dy-165	0.1853	0.1965	0.2163	0.2328
Dy-166	0.6870	0.7099	0.8612	0.9385
Dy-167	2.0468	2.1792	2.4283	2.4709
Dy-168	1.8453	1.9399	2.2471	2.1893
Er-154	0.8428	0.8559	1.0934	1.2559
Er-156	1.0575	1.0788	1.5365	1.6886
Er-159	2.5670	2.7096	3.1105	3.2554
Er-161	2.6535	2.7752	3.1865	3.4268
Er-163	0.7108	0.7290	0.8644	0.9520
Er-165	0.6832	0.7006	0.8357	0.9206
Er-167m	0.8638	0.9048	1.0725	1.0258
Er-169	0.0013	0.0014	0.0074	0.0082
Er-171	2.3924	2.5187	2.7794	2.8253
Er-172	2.0361	2.1203	2.4611	2.5182
Er-173	3.7810	3.9464	4.4824	4.4451
Es-249	2.3014	2.4061	2.8858	2.9627
Es-250	5.6672	5.8941	7.5640	8.0746
Es-250m	1.9585	2.0712	2.4862	2.6722
Es-251	1.3647	1.4270	1.9042	2.0161
Es-253	0.0114	0.0114	0.0254	0.0299
Es-254	0.3616	0.3617	0.9157	1.0818
Es-254m	1.1485	1.2019	1.5041	1.6276
Es-255	0.0010	0.0011	0.0012	0.0012
Es-256	0.0553	0.0541	0.1138	0.1367
Eu-142	0.3289	0.3463	0.3930	0.4193
Eu-142m	4.7377	5.0448	5.7382	6.2057

Nuclide	avg400	ctr400	mid400	cnr400
Eu-143	0.5408	0.5767	0.6432	0.7129
Eu-144	0.2426	0.2558	0.2923	0.3123
Eu-145	2.2667	2.3733	2.7018	2.9810
Eu-146	4.4269	4.6646	5.3197	5.7450
Eu-147	2.1279	2.2098	2.5142	2.6978
Eu-148	5.1296	5.4742	6.2026	6.5664
Eu-149	0.7318	0.7493	0.9359	1.0849
Eu-150	4.7104	4.9712	5.5702	5.7436
Eu-150m	0.1760	0.1824	0.2069	0.2200
Eu-152	2.8883	3.0517	3.3951	3.6821
Eu-152m	0.7579	0.7889	0.8936	0.9908
Eu-152n	1.1624	1.2587	1.4220	1.5587
Eu-154	2.6468	2.8230	3.1229	3.3823
Eu-154m	1.1308	1.1849	1.4606	1.6538
Eu-155	0.9279	1.0007	1.0385	1.1311
Eu-156	1.6167	1.7520	1.9271	2.1028
Eu-157	1.5774	1.6217	1.9013	2.0307
Eu-158	2.1055	2.2409	2.5219	2.7805
Eu-159	1.7543	1.8182	2.0304	2.2305
F-17	0.0005	0.0005	0.0006	0.0006
F-18	0.0000	0.0000	0.0000	0.0000
Fe-52	1.6197	1.6608	2.0431	1.6327
Fe-53	0.6028	0.6240	0.7143	0.6777
Fe-53m	4.1279	4.4730	4.9187	5.4334
Fe-55	0.0366	0.0394	0.2132	0.2357
Fe-59	1.5205	1.6962	1.7845	2.0511
Fe-60	0.0000	0.0000	0.0000	0.0000
Fe-61	2.0245	2.2061	2.3736	2.6073
Fe-62	1.3538	1.4934	1.6378	1.6372
Fm-251	1.4278	1.4874	1.9139	1.9833
Fm-252	0.0285	0.0281	0.0611	0.0728
Fm-253	0.9347	0.9651	1.4108	1.5222
Fm-254	0.0390	0.0393	0.0739	0.0859
Fm-255	0.3030	0.3011	0.7036	0.8293
Fm-256	18.7910	20.0576	22.3725	22.7289
Fm-257	1.4553	1.5224	1.9623	2.0422
Fr-212	2.9236	3.1839	3.6535	3.9974
Fr-219	0.0159	0.0168	0.0190	0.0187
Fr-220	0.1478	0.1562	0.2320	0.2627
Fr-221	0.2365	0.2504	0.2862	0.2781

Nuclide	avg400	ctr400	mid400	cnr400
Fr-222	1.3232	1.4046	1.7184	1.7319
Fr-223	0.7318	0.7639	0.9749	1.0858
Fr-224	1.5956	1.6906	1.9661	2.0022
Fr-227	2.3522	2.5262	2.8208	3.0024
Ga-64	2.0664	2.2203	2.5093	2.6348
Ga-65	1.4515	1.5284	1.8235	1.8716
Ga-66	1.3819	1.4897	1.8660	1.9175
Ga-67	1.3898	1.4959	2.0639	2.1047
Ga-68	0.0615	0.0670	0.1142	0.1285
Ga-70	0.0147	0.0157	0.0192	0.0200
Ga-72	3.1555	3.3382	3.8039	3.9537
Ga-73	1.7033	1.8008	2.4791	2.5623
Ga-74	3.4560	3.7329	4.2418	4.2940
Gd-142	1.3085	1.3877	1.5558	1.6243
Gd-143m	3.5663	3.7840	4.1987	4.4408
Gd-144	0.7957	0.8350	0.9614	1.0259
Gd-145m	1.4223	1.4823	1.7969	1.9245
Gd-145	2.0739	2.2040	2.4984	2.6084
Gd-146	3.4468	3.5739	4.0384	4.1587
Gd-147	4.2614	4.4753	5.0359	5.2386
Gd-148	0.0000	0.0000	0.0000	0.0000
Gd-149	2.8873	2.9851	3.4187	3.4191
Gd-150	0.0000	0.0000	0.0000	0.0000
Gd-151	0.9166	0.9395	1.1876	1.2967
Gd-152	0.0000	0.0000	0.0000	0.0000
Gd-153	1.6793	1.7922	1.9219	2.1964
Gd-159	0.3513	0.3618	0.4118	0.4317
Gd-162	1.3937	1.4576	1.7062	1.6415
Ge-66	2.0092	2.1146	2.7691	2.8341
Ge-67	1.7759	1.8355	2.1855	1.8547
Ge-68	0.0900	0.0969	0.5225	0.5790
Ge-69	1.1211	1.2191	1.6528	1.8366
Ge-71	0.0913	0.0983	0.5300	0.5872
Ge-75	0.1967	0.2104	0.2280	0.2224
Ge-77	3.4124	3.6287	4.0332	3.9744
Ge-78	1.4782	1.5788	1.6955	1.6711
H-3	0.0000	0.0000	0.0000	0.0000
Hf-167	1.5188	1.5741	1.7733	1.8250
Hf-169	2.1692	2.2967	2.6251	2.7276
Hf-170	2.8227	2.9293	3.5388	3.6117

Nuclide	avg400	ctr400	mid400	cnr400
Hf-172	1.7520	1.7755	2.3511	2.6167
Hf-173	3.6064	3.7072	4.2432	4.2927
Hf-174	0.0000	0.0000	0.0000	0.0000
Hf-175	2.2285	2.2983	2.6458	2.7485
Hf-177m	13.7989	14.4546	16.4130	16.2340
Hf-178m	10.1020	10.7428	12.1418	12.0989
Hf-179m	5.4449	5.6514	6.6656	6.5293
Hf-180m	5.0899	5.3492	6.0508	6.0228
Hf-181	2.4537	2.5764	2.9959	2.9533
Hf-182	1.4925	1.5818	1.7487	1.7225
Hf-182m	4.1608	4.3576	5.0382	5.1461
Hf-183	2.2427	2.3183	2.5933	2.7562
Hf-184	1.9837	2.0368	2.9106	2.8979
Hg-190	2.5582	2.5991	3.2977	3.3091
Hg-191m	4.7870	5.0557	5.9139	6.2138
Hg-192	2.5215	2.6123	3.2226	3.4267
Hg-193	2.6774	2.7822	3.3996	3.6635
Hg-193m	2.7843	2.9245	3.4321	3.6701
Hg-194	0.0551	0.0599	0.2821	0.3333
Hg-195	1.3944	1.4264	1.9194	2.1699
Hg-195m	1.4226	1.4895	2.2131	2.4398
Hg-197	1.2102	1.2321	1.6809	1.9075
Hg-197m	1.2067	1.2363	1.7407	1.8359
Hg-199m	1.8394	1.8781	2.4185	2.3150
Hg-203	1.3759	1.4621	1.6025	1.6124
Hg-205	0.0454	0.0475	0.0546	0.0521
Hg-206	0.6345	0.6669	0.7402	0.7587
Hg-207	3.8266	4.0631	4.5603	4.7499
Ho-150	2.0784	2.1672	2.4668	2.6557
Ho-153	2.2965	2.4234	2.6713	2.7940
Ho-153m	2.6224	2.7605	3.1198	3.1463
Ho-154m	6.0102	6.3595	7.1015	7.1545
Ho-154	3.1261	3.3023	3.6669	3.7694
Ho-155	2.0076	2.1006	2.4355	2.5105
Ho-156	4.2149	4.4459	5.0023	5.0819
Ho-157	3.0328	3.1640	3.6056	3.7536
Ho-159	3.3855	3.5093	3.9894	4.0996
Ho-160	4.1860	4.3924	5.0220	5.4216
Ho-161	0.9885	1.0134	1.2587	1.4467
Ho-162	0.9793	1.0145	1.2040	1.3352

Nuclide	avg400	ctr400	mid400	cnr400
Ho-162m	2.1854	2.2994	2.7444	2.8964
Ho-163	0.0015	0.0016	0.0086	0.0095
Ho-164	0.5254	0.5410	0.6511	0.7233
Ho-164m	0.8536	0.8742	1.2580	1.3968
Ho-166	0.2122	0.2212	0.2893	0.3124
Ho-166m	4.9631	5.1849	5.9632	5.9679
Ho-167	1.7975	1.8773	2.0966	2.0717
Ho-168	1.8786	1.9561	2.2702	2.4068
Ho-168m	0.1349	0.1394	0.2625	0.2896
Ho-170	4.2849	4.5309	5.1213	5.3931
I-118m	5.8552	6.2849	7.0645	7.5261
I-118	1.9968	2.1513	2.4171	2.5635
I-119	1.7718	1.8790	2.0650	2.1298
I-120	2.3587	2.5425	2.8820	2.9672
I-120m	5.0080	5.4053	6.0824	6.4117
I-121	1.9221	1.9994	2.2670	2.2703
I-122	0.3996	0.4217	0.4841	0.5262
I-123	1.7711	1.7797	2.1617	1.9044
I-124	1.6495	1.7384	2.0015	2.1763
I-125	0.6848	0.6552	0.8189	1.0766
I-126	1.2462	1.2858	1.4938	1.5679
I-128	0.2179	0.2292	0.2615	0.2638
I-129	0.4151	0.3985	0.4883	0.5867
I-130m	0.3318	0.3505	0.4293	0.4629
I-130	4.6642	4.9646	5.6161	5.8481
I-131	1.5209	1.6200	1.6121	1.8772
I-132	4.1985	4.4426	5.0263	5.3624
I-132m	1.0164	1.0583	1.2852	1.3579
I-133	1.4425	1.5747	1.7423	1.7847
I-134m	1.7315	1.8027	2.0011	2.1134
I-134	4.3402	4.5794	5.1427	5.5357
I-135	1.9106	2.1016	2.2589	2.4819
In-103	3.0750	3.2544	3.6775	3.6848
In-105	2.6205	2.7564	3.1132	3.1846
In-106	5.0473	5.3591	6.0588	6.5468
In-106m	2.3026	2.4551	2.8234	2.9202
In-107	2.3121	2.4493	2.7652	2.8242
In-108	6.4490	6.8716	7.6986	8.3580
In-108m	2.2967	2.4432	2.8253	2.9511
In-109	2.2746	2.3787	2.7123	2.7782

Nuclide	avg400	ctr400	mid400	cnr400
In-109m	1.3359	1.4131	1.6318	1.7343
In-110	5.8200	6.1201	6.9972	7.6850
In-110m	1.6958	1.7874	2.0797	2.2270
In-111	3.1846	3.3168	3.8203	3.5684
In-111m	1.2281	1.3375	1.4926	1.5334
In-112	0.1848	0.1873	0.2344	0.2902
In-112m	0.4307	0.4257	0.5350	0.6017
In-113m	0.9865	1.0087	1.1769	1.1668
In-114	0.0044	0.0047	0.0053	0.0065
In-114m	0.4896	0.5008	0.6019	0.6482
In-115	0.0000	0.0000	0.0000	0.0000
In-115m	0.8000	0.8263	0.9279	0.9889
In-116m	3.0776	3.3935	3.6304	4.0107
In-117	2.8045	2.9468	3.4264	3.0568
In-117m	0.6196	0.6359	0.7335	0.7001
In-118m	3.9087	4.2923	4.6234	5.2141
In-118	0.0960	0.1086	0.1125	0.1300
In-119	1.4894	1.5398	1.7892	1.9520
In-119m	0.1387	0.1474	0.1731	0.2054
In-121	1.5805	1.6675	1.8664	2.0549
In-121m	0.4107	0.4072	0.4451	0.5800
Ir-180	3.4981	3.6425	4.2646	4.4627
Ir-182	3.3123	3.4557	4.0379	4.2261
Ir-183	3.1780	3.2943	3.9758	4.2935
Ir-184	5.0170	5.2755	6.1208	6.4783
Ir-185	2.6824	2.7765	3.5949	3.9272
Ir-186	4.8477	5.0493	5.9056	6.1279
Ir-186m	2.7959	2.8954	3.4420	3.6669
Ir-187	1.8071	1.8380	2.3775	2.6550
Ir-188	3.4629	3.6225	4.3017	4.4268
Ir-189	1.1218	1.1290	1.5665	1.7874
Ir-190	5.5029	5.7671	6.7271	6.7953
Ir-190m	0.0511	0.0552	0.2896	0.3252
Ir-190n	0.9317	0.9291	1.2340	1.4189
Ir-191m	1.1298	1.1397	1.6439	1.8038
Ir-192	3.3024	3.4967	3.8401	3.8406
Ir-192m	0.0600	0.0651	0.3182	0.3698
Ir-192n	0.1326	0.1432	0.6682	0.7771
Ir-193m	0.0557	0.0597	0.2905	0.3277
Ir-194	0.3052	0.3222	0.3523	0.3571

Nuclide	avg400	ctr400	mid400	cnr400
Ir-194m	7.0442	7.4873	8.4172	8.5140
Ir-195	0.9151	0.9428	1.2509	1.4211
Ir-195m	1.9069	1.9863	2.3796	2.4624
Ir-196	0.6168	0.6446	0.7229	0.7318
Ir-196m	7.4312	7.8653	9.0091	9.0246
K-38	1.3584	1.4638	1.6790	1.5727
K-40	0.1509	0.1670	0.1830	0.1986
K-42	0.2597	0.2834	0.3110	0.3262
K-43	2.7605	2.9015	3.3043	3.2947
K-44	2.1410	2.3429	2.5779	2.7455
K-45	2.6162	2.7721	3.1646	2.9064
K-46	2.1192	2.3727	2.5281	2.7706
Kr-74	1.9862	2.0993	2.4345	2.4940
Kr-75	1.8772	1.9275	2.3048	2.1429
Kr-76	2.0920	2.2174	2.8084	3.0121
Kr-77	2.0169	2.0569	2.4448	2.2668
Kr-79	0.7437	0.7927	1.1929	1.3508
Kr-81	0.1193	0.1322	0.4665	0.6402
Kr-81m	1.1464	1.1964	1.4442	1.3295
Kr-83m	0.0507	0.0558	0.2112	0.2800
Kr-85	0.0059	0.0065	0.0071	0.0072
Kr-85m	1.4158	1.4483	1.7243	1.4376
Kr-87	1.1286	1.1810	1.3700	1.2991
Kr-88	1.9686	2.1017	2.4292	2.3418
Kr-89	2.4493	2.6284	2.9445	3.0025
La-128	4.4442	4.7719	5.2553	5.4583
La-129	1.6599	1.7441	1.9337	1.9619
La-130	3.1553	3.3435	3.7408	3.8312
La-131	2.0606	2.1506	2.4087	2.4454
La-132	2.7173	2.8988	3.2799	3.3337
La-132m	2.3396	2.4269	2.8110	2.8009
La-133	0.6093	0.6048	0.8025	0.8752
La-134	0.2658	0.2668	0.3214	0.3482
La-135	0.4629	0.4459	0.5579	0.6148
La-136	0.3286	0.3184	0.3944	0.4362
La-137	0.4215	0.4029	0.5102	0.5656
La-138	1.6382	1.7496	1.9507	2.1325
La-140	3.0048	3.2135	3.5911	3.6588
La-141	0.0271	0.0305	0.0320	0.0359
La-142	2.1464	2.3036	2.6487	2.6498

Nuclide	avg400	ctr400	mid400	cnr400
La-143	0.3086	0.3332	0.3718	0.3921
Lu-165	3.1679	3.3031	3.7950	3.9114
Lu-167	3.4769	3.6655	4.2489	4.4428
Lu-169m	0.0369	0.0398	0.2147	0.2377
Lu-169	3.2637	3.4392	3.9510	4.2120
Lu-170	3.2827	3.5180	4.0318	4.2906
Lu-171m	0.0441	0.0471	0.2310	0.2557
Lu-171	2.5969	2.6726	3.3792	3.6823
Lu-172	4.6024	4.8542	5.6064	6.0147
Lu-172m	0.0332	0.0358	0.1931	0.2137
Lu-173	2.2005	2.2706	2.6421	2.8299
Lu-174	0.9914	1.0200	1.2766	1.4123
Lu-174m	0.9936	1.0099	1.4976	1.6732
Lu-176	3.2463	3.4092	3.8946	3.8201
Lu-176m	0.2394	0.2517	0.3528	0.3897
Lu-177	0.3452	0.3632	0.4189	0.4146
Lu-177m	7.0379	7.3303	8.4091	8.2127
Lu-178	0.2943	0.3213	0.3826	0.4260
Lu-178m	5.9788	6.3051	7.0231	6.9985
Lu-179	0.2165	0.2278	0.2548	0.2388
Lu-180	3.0722	3.3159	3.6853	3.9158
Lu-181	2.1779	2.2854	2.7934	2.9020
Mg-27	1.4610	1.5311	1.7204	1.8947
Mg-28	2.2716	2.4139	2.6415	2.8796
Mn-50m	4.8017	5.1974	5.6768	6.2810
Mn-51	0.0083	0.0089	0.0139	0.0152
Mn-52	4.3178	4.6311	5.2114	5.7187
Mn-52m	1.4160	1.5748	1.6820	1.8432
Mn-53	0.0298	0.0321	0.1736	0.1919
Mn-54	1.4652	1.5213	1.8581	2.0262
Mn-56	2.0232	2.1260	2.3988	2.5371
Mn-57	0.4623	0.4826	0.7499	0.7995
Mn-58m	3.2039	3.4514	3.7834	4.1019
Mo-101	2.4451	2.6278	2.9696	3.0824
Mo-102	0.1552	0.1613	0.1841	0.1622
Mo-89	0.3058	0.3294	0.3702	0.4021
Mo-90	3.0725	3.2275	3.7338	3.7514
Mo-91m	1.3386	1.4499	1.6204	1.7557
Mo-91	0.0256	0.0262	0.0395	0.0426
Mo-93	0.1953	0.1893	0.3620	0.4174

Nuclide	avg400	ctr400	mid400	cnr400
Mo-93m	3.7438	4.0232	4.4964	4.7317
Mo-99	0.4437	0.4577	0.5315	0.5231
N-13	0.0000	0.0000	0.0000	0.0000
N-16	0.9447	1.0174	1.1572	1.2144
Na-22	1.4358	1.6517	1.6722	1.9797
Na-24	2.7589	3.0452	3.4468	3.4016
Nb-87	2.1445	2.2264	2.6228	2.4347
Nb-88m	5.1415	5.5128	6.1315	6.5553
Nb-88	6.1418	6.6044	7.3538	7.9786
Nb-89	0.4976	0.5355	0.6472	0.6649
Nb-89m	1.2589	1.3782	1.5491	1.5781
Nb-90	4.1918	4.4772	5.1844	5.1479
Nb-91	0.1858	0.1826	0.3717	0.4485
Nb-91m	0.2027	0.2027	0.3519	0.4065
Nb-92	3.0236	3.2184	3.7700	4.0859
Nb-92m	1.6771	1.7560	2.1346	2.4137
Nb-93m	0.0369	0.0360	0.0766	0.0878
Nb-94m	0.1407	0.1369	0.2585	0.2975
Nb-94	2.8313	2.9619	3.3666	3.6420
Nb-95	1.4190	1.4697	1.6742	1.7969
Nb-95m	0.5412	0.5647	0.7212	0.7338
Nb-96	4.5068	4.8017	5.3461	5.7278
Nb-97	1.4136	1.4954	1.7214	1.8233
Nb-98m	4.4314	4.6744	5.2476	5.6091
Nb-99	2.1576	2.2584	2.5471	2.4364
Nb-99m	0.9289	0.9994	1.1266	1.1247
Nd-134	2.3592	2.4321	2.8072	2.6199
Nd-135	2.7164	2.8471	3.2488	3.2480
Nd-136	1.7584	1.8276	2.0767	2.2658
Nd-137	2.3202	2.4201	2.7201	2.9369
Nd-138	0.5783	0.5761	0.6869	0.7885
Nd-139	0.7077	0.7247	0.8434	0.9360
Nd-139m	3.8119	3.9893	4.4812	4.8758
Nd-140	0.4891	0.4834	0.5854	0.6880
Nd-141	0.5167	0.5142	0.6162	0.7224
Nd-141m	1.3420	1.3908	1.5884	1.7086
Nd-144	0.0000	0.0000	0.0000	0.0000
Nd-147	0.9790	1.0420	1.1174	1.2257
Nd-149	2.1168	2.2307	2.4742	2.4480
Nd-151	2.5635	2.7206	2.9831	3.0757

Nuclide	avg400	ctr400	mid400	cnr400
Nd-152	0.8993	0.9585	1.0843	1.0915
Ne-19	0.0002	0.0003	0.0003	0.0003
Ne-24	1.4688	1.5863	1.7654	1.7449
Ni-56	4.7885	4.9858	5.9632	5.6686
Ni-57	1.7050	1.8779	2.1430	2.3223
Ni-59	0.0517	0.0556	0.3010	0.3327
Ni-63	0.0000	0.0000	0.0000	0.0000
Ni-65	0.6465	0.7082	0.7657	0.8339
Ni-66	0.0000	0.0000	0.0000	0.0000
Np-232	3.9880	4.2628	4.9481	5.3787
Np-233	1.2225	1.3592	1.5521	1.7458
Np-234	2.1813	2.3904	2.8142	3.1202
Np-235	0.1286	0.1329	0.3707	0.4622
Np-236	2.1083	2.2612	3.0886	3.3189
Np-236m	0.6429	0.7126	0.8453	0.9589
Np-237	0.5429	0.5690	0.9086	1.0848
Np-238	0.9955	1.0562	1.3322	1.5348
Np-239	1.8905	2.0577	2.4492	2.6398
Np-240	3.0102	3.2051	3.9738	4.2804
Np-240m	0.7860	0.8394	1.0826	1.1752
Np-241	0.4659	0.5072	0.6045	0.6513
Np-242	0.3539	0.3772	0.4436	0.4836
Np-242m	2.4381	2.5427	3.2881	3.5447
O-14	1.3427	1.4481	1.7087	1.5296
O-15	0.0000	0.0000	0.0000	0.0000
O-19	2.3955	2.5724	2.8175	2.7309
Os-180	1.2279	1.2357	1.7332	1.9569
Os-181	4.0756	4.2427	4.9855	5.3597
Os-182	2.5264	2.6328	3.2499	3.3368
Os-183	3.6610	3.7391	4.4678	4.6999
Os-183m	2.2025	2.3260	2.7085	3.1051
Os-185	2.1831	2.2583	2.7297	2.9962
Os-186	0.0000	0.0000	0.0000	0.0000
Os-189m	0.0488	0.0527	0.2788	0.3117
Os-190m	5.4860	5.8175	6.8620	6.7664
Os-191	1.2425	1.2524	1.7586	1.9254
Os-191m	0.1453	0.1484	0.3865	0.4398
Os-193	0.4490	0.4633	0.5914	0.6222
Os-194	0.0860	0.0904	0.2825	0.3265
Os-196	0.5115	0.5256	0.6183	0.6418

Nuclide	avg400	ctr400	mid400	cnr400
P-30	0.0010	0.0011	0.0013	0.0012
P-32	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000
Pa-227	0.3633	0.3859	0.5431	0.6395
Pa-228	3.9052	4.1830	5.0600	5.5404
Pa-229	0.9894	1.0899	1.3174	1.5052
Pa-230	2.1708	2.3416	2.8249	3.1591
Pa-231	0.4086	0.4270	0.8429	1.0158
Pa-232	2.1394	2.2560	2.7749	2.9879
Pa-233	1.5554	1.6715	2.0340	2.2054
Pa-234	4.0734	4.3273	5.2204	5.6281
Pa-234m	0.0337	0.0362	0.0429	0.0481
Pa-235	0.0175	0.0188	0.1014	0.1125
Pa-236	1.5267	1.6325	1.9868	2.1524
Pa-237	1.2122	1.2862	1.4949	1.5968
Pb-194	3.3641	3.5393	4.1345	4.3846
Pb-195m	4.7961	4.9890	6.0155	6.2969
Pb-196	2.9181	3.0678	3.5923	3.7811
Pb-197	3.3116	3.4805	4.0243	4.2793
Pb-197m	4.1490	4.3252	5.1729	5.3904
Pb-198	2.8148	2.9259	3.4675	3.6012
Pb-199	2.7137	2.8445	3.3067	3.5282
Pb-200	2.3249	2.3961	2.9784	3.0772
Pb-201	3.0968	3.2325	3.7305	3.9605
Pb-201m	1.1618	1.2247	1.4636	1.5840
Pb-202	0.0517	0.0561	0.2750	0.3199
Pb-202m	4.3373	4.5555	5.2535	5.5301
Pb-203	2.3884	2.5024	2.9072	3.0768
Pb-204m	4.1473	4.3338	4.9020	5.2058
Pb-205	0.0523	0.0568	0.2783	0.3238
Pb-209	0.0000	0.0000	0.0000	0.0000
Pb-210	0.0989	0.1055	0.3086	0.3881
Pb-211	0.1627	0.1692	0.1950	0.1993
Pb-212	1.2030	1.2740	1.4516	1.4953
Pb-214	1.3295	1.3961	1.6041	1.6402
Pd-100	1.9360	1.9699	2.2305	2.4238
Pd-101	1.2289	1.2627	1.5905	1.7324
Pd-103	0.2547	0.2427	0.3836	0.4442
Pd-107	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.0120	1.0443	1.2265	1.1041

Nuclide	avg400	ctr400	mid400	cnr400
Pd-109	0.1802	0.1794	0.2410	0.3039
Pd-111	0.0979	0.1044	0.1159	0.1226
Pd-112	0.0924	0.0889	0.1649	0.1864
Pd-114	0.1967	0.2043	0.2285	0.2180
Pd-96	2.9648	3.0868	3.5387	3.7000
Pd-97	2.7785	2.9779	3.3258	3.4119
Pd-98	2.0599	2.1706	2.4456	2.5963
Pd-99	2.4019	2.4886	2.8857	2.8182
Pm-136	4.2857	4.4909	5.0700	5.2296
Pm-137m	4.3684	4.6347	5.1325	5.1761
Pm-139	0.6882	0.7151	0.8168	0.8533
Pm-140m	4.5595	4.7922	5.4055	5.7557
Pm-140	0.2871	0.3030	0.3417	0.3702
Pm-141	0.5141	0.5367	0.6119	0.6927
Pm-142	0.1823	0.1865	0.2188	0.2475
Pm-143	1.0602	1.0810	1.2642	1.4247
Pm-144	3.9502	4.1643	4.7823	5.0812
Pm-145	0.5377	0.5368	0.6486	0.7669
Pm-146	2.0669	2.1617	2.4715	2.5825
Pm-147	0.0001	0.0001	0.0001	0.0001
Pm-148	0.8244	0.8956	0.9879	1.0513
Pm-148m	4.6352	4.9491	5.5923	5.8313
Pm-149	0.0542	0.0576	0.0637	0.0641
Pm-150	2.5994	2.7860	3.0316	3.1932
Pm-151	1.6441	1.7217	1.9259	1.9143
Pm-152m	4.0706	4.3385	4.7619	4.9495
Pm-152	0.7136	0.7487	0.8394	0.8910
Pm-153	0.8744	0.8983	1.0355	1.0527
Pm-154	2.2150	2.3718	2.6502	2.8304
Pm-154m	3.7694	4.0160	4.4605	4.5783
Po-203	3.6301	3.8441	4.4509	4.8558
Po-204	4.5488	4.7802	5.8217	6.3660
Po-205	3.5028	3.6892	4.2705	4.6920
Po-206	3.8451	4.0755	4.9036	5.3512
Po-207	3.1738	3.3417	3.8663	4.2582
Po-208	0.0001	0.0001	0.0001	0.0001
Po-209	0.0256	0.0271	0.0423	0.0458
Po-210	0.0000	0.0000	0.0000	0.0000
Po-211	0.0160	0.0170	0.0192	0.0205
Po-212m	0.0629	0.0679	0.0803	0.0742

Nuclide	avg400	ctr400	mid400	cnr400
Po-212	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0001	0.0001	0.0001
Po-214	0.0001	0.0002	0.0002	0.0002
Po-215	0.0006	0.0006	0.0007	0.0006
Po-216	0.0000	0.0000	0.0000	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000
Pr-134	5.8181	6.1251	6.9213	7.0331
Pr-134m	2.6029	2.7409	3.1195	3.0988
Pr-135	1.6235	1.6867	1.8860	1.9731
Pr-136	2.8415	3.0673	3.4407	3.5696
Pr-137	0.5208	0.5231	0.6214	0.6930
Pr-138	0.1806	0.1809	0.2152	0.2423
Pr-138m	4.8068	5.0455	5.6213	6.0662
Pr-139	0.4604	0.4531	0.5496	0.6342
Pr-140	0.2448	0.2405	0.2922	0.3367
Pr-142	0.0516	0.0557	0.0622	0.0636
Pr-142m	0.0023	0.0025	0.0137	0.0151
Pr-143	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0326	0.0347	0.0396	0.0406
Pr-144m	0.2038	0.2024	0.2855	0.3315
Pr-145	0.0401	0.0421	0.0472	0.0522
Pr-146	1.5114	1.6244	1.8132	1.8469
Pr-147	1.9714	2.0535	2.3001	2.4920
Pr-148	1.9488	2.0885	2.2707	2.3605
Pr-148m	2.8603	3.0309	3.3380	3.3601
Pt-184	5.0451	5.1802	6.4452	6.7162
Pt-186	2.7042	2.7841	3.3862	3.6933
Pt-187	3.1194	3.2211	3.9124	4.2786
Pt-188	2.0696	2.1062	2.6804	2.8307
Pt-189	2.7845	2.8648	3.5584	3.9270
Pt-190	0.0000	0.0000	0.0000	0.0000
Pt-191	2.4145	2.4613	3.0721	3.3897
Pt-193	0.0541	0.0586	0.2943	0.3383
Pt-193m	0.2300	0.2353	0.5188	0.5951
Pt-195m	1.2537	1.2897	1.9474	2.2265
Pt-197	0.3615	0.3744	0.5723	0.6267
Pt-197m	0.8508	0.8696	1.3368	1.5110
Pt-199	0.6852	0.7306	0.8430	0.8490
Pt-200	0.7294	0.7511	1.0173	1.1029
Pt-202	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Pu-232	0.9048	1.0049	1.1505	1.2892
Pu-234	0.9940	1.1025	1.2894	1.4503
Pu-235	1.2733	1.4065	1.6905	1.9102
Pu-236	0.0408	0.0416	0.1091	0.1368
Pu-237	0.7897	0.8655	1.1212	1.2858
Pu-238	0.0374	0.0381	0.1006	0.1264
Pu-239	0.0197	0.0203	0.0630	0.0760
Pu-240	0.0353	0.0359	0.0947	0.1188
Pu-241	0.0000	0.0000	0.0000	0.0000
Pu-242	0.0303	0.0308	0.0813	0.1020
Pu-243	0.3731	0.3932	0.4610	0.5068
Pu-244	0.0545	0.0569	0.1023	0.1200
Pu-245	1.4700	1.5659	1.7614	1.8439
Pu-246	1.5897	1.6906	2.0063	2.1112
Ra-219	0.9639	1.0209	1.1283	1.1668
Ra-220	0.0139	0.0150	0.0168	0.0165
Ra-221	0.4750	0.4979	0.7081	0.7340
Ra-222	0.0434	0.0456	0.0496	0.0495
Ra-223	1.3105	1.3927	1.6530	1.7300
Ra-224	0.0689	0.0739	0.0821	0.0809
Ra-225	0.2487	0.2524	0.3537	0.4483
Ra-226	1.4880	1.6129	1.6820	1.7189
Ra-227	0.8900	0.9433	1.3353	1.5027
Ra-228	1.4971	1.6033	1.6553	1.8514
Ra-230	0.6357	0.6774	0.8068	0.8628
Rb-77	1.9411	2.0048	2.2436	2.3434
Rb-78m	3.5125	3.7819	4.2169	4.3561
Rb-78	2.6261	2.8259	3.2646	3.2065
Rb-79	2.3248	2.4266	2.9273	2.8331
Rb-80	0.4086	0.4363	0.5042	0.5339
Rb-81	0.6845	0.7366	1.0195	1.1704
Rb-81m	0.1937	0.2098	0.3948	0.5664
Rb-82	0.2366	0.2460	0.2913	0.3215
Rb-82m	4.7957	5.1239	5.9374	6.5135
Rb-83	1.3697	1.5017	1.9454	2.1789
Rb-84	1.1020	1.1587	1.4879	1.7580
Rb-84m	1.8974	2.0346	2.3056	2.2924
Rb-86m	1.3531	1.4705	1.6509	1.6915
Rb-86	0.1272	0.1388	0.1501	0.1725
Rb-87	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Rb-88	0.5660	0.6044	0.6789	0.6987
Rb-89	2.4314	2.6619	2.9088	3.1886
Rb-90	1.2955	1.3762	1.5611	1.6282
Rb-90m	2.9653	3.1542	3.5760	3.7300
Re-178	2.8917	3.0622	3.6003	3.8087
Re-179	3.6260	3.7830	4.4316	4.5790
Re-180	2.9459	3.0716	3.6578	4.0850
Re-181	3.3931	3.4968	4.2012	4.4602
Re-182	6.9047	7.2644	8.4237	8.8870
Re-182m	3.3750	3.5657	4.0951	4.6212
Re-183	2.1181	2.1534	2.8412	3.0184
Re-184	2.6465	2.7309	3.2609	3.6152
Re-184m	2.2009	2.2881	2.8872	3.0986
Re-186	0.2725	0.2751	0.3509	0.3556
Re-186m	0.3776	0.3895	1.0043	1.1394
Re-187	0.0000	0.0000	0.0000	0.0000
Re-188	0.3724	0.3808	0.4737	0.4208
Re-188m	1.1693	1.1939	1.6777	1.9108
Re-189	0.4065	0.4253	0.5217	0.5105
Re-190	4.2505	4.4712	5.1068	5.0166
Re-190m	3.3736	3.5358	4.1512	4.1903
Rh-100m	0.5149	0.5043	0.6990	0.7908
Rh-100	3.5327	3.8009	4.3699	4.4994
Rh-101	2.7226	2.7916	3.2764	3.1198
Rh-101m	1.5304	1.5932	1.8461	1.8867
Rh-102	1.0029	1.0673	1.2659	1.3041
Rh-102m	4.6647	4.9574	5.6963	6.0134
Rh-103m	0.0310	0.0300	0.0616	0.0703
Rh-104	0.0304	0.0329	0.0373	0.0386
Rh-104m	0.7610	0.7674	0.8993	0.9966
Rh-105	0.3637	0.3827	0.4108	0.4076
Rh-106	0.4726	0.5142	0.5735	0.5898
Rh-106m	5.2685	5.6561	6.2902	6.5914
Rh-107	1.4033	1.4796	1.6044	1.5840
Rh-108	0.8838	0.9375	1.0653	1.0490
Rh-109	1.5074	1.5833	1.7404	1.6954
Rh-94	3.3837	3.6675	4.0167	4.3183
Rh-95	2.2507	2.4145	2.7116	2.9545
Rh-95m	1.3514	1.4621	1.6518	1.6834
Rh-96	5.4423	5.7458	6.5507	7.0115

Nuclide	avg400	ctr400	mid400	cnr400
Rh-96m	1.2412	1.3014	1.5156	1.6315
Rh-97	1.8142	1.8986	2.2024	2.2162
Rh-97m	2.8946	3.0626	3.5647	3.4942
Rh-98	1.6092	1.7080	1.9670	2.0813
Rh-99	2.1631	2.2822	2.6380	2.7441
Rh-99m	1.8339	1.9233	2.2254	2.3114
Rn-207	2.8412	2.9915	3.4323	3.6045
Rn-209	3.1339	3.3015	3.8128	3.9873
Rn-210	0.2137	0.2268	0.2691	0.2880
Rn-211	4.0059	4.2846	4.9128	5.3141
Rn-212	0.0007	0.0007	0.0009	0.0009
Rn-215	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0018	0.0019	0.0022	0.0023
Rn-219	0.2812	0.2967	0.3322	0.3268
Rn-220	1.5290	1.6241	1.6418	1.8468
Rn-222	0.0011	0.0012	0.0013	0.0013
Rn-223	1.2496	1.3319	1.7279	1.8621
Ru-103	1.3427	1.4753	1.6235	1.6218
Ru-105	1.9101	2.0063	2.2815	2.3483
Ru-106	0.0000	0.0000	0.0000	0.0000
Ru-107	0.8078	0.8567	0.9567	0.9645
Ru-108	0.6476	0.6618	0.7911	0.6453
Ru-92	5.7082	5.9796	6.8479	6.7582
Ru-94	1.6752	1.7245	2.0742	2.1175
Ru-95	2.4926	2.6359	3.0110	3.1708
Ru-97	1.7845	1.8622	2.2011	2.1276
S-35	0.0000	0.0000	0.0000	0.0000
S-37	1.2598	1.3521	1.6742	1.4380
S-38	1.1934	1.2848	1.4285	1.4143
Sb-111	2.2288	2.3332	2.6859	2.4898
Sb-113	1.6162	1.7492	1.9282	2.0110
Sb-114	2.2782	2.5302	2.6764	3.0516
Sb-115	1.5888	1.7226	1.9181	2.0387
Sb-116	1.9824	2.1948	2.3454	2.7070
Sb-116m	5.5696	6.0226	6.5523	7.2899
Sb-117	1.7199	1.7315	2.1037	1.8833
Sb-118	0.1396	0.1442	0.1665	0.2256
Sb-118m	5.1412	5.5723	5.9993	6.9017

Nuclide	avg400	ctr400	mid400	cnr400
Sb-119	0.3617	0.3489	0.4662	0.6867
Sb-120	0.2038	0.2004	0.2451	0.3584
Sb-120m	5.8285	6.2730	6.7414	7.4069
Sb-122m	1.1561	1.1391	1.2527	1.5473
Sb-122	1.0612	1.1487	1.2910	1.3356
Sb-124	2.6369	2.8289	3.1986	3.3266
Sb-124m	1.0480	1.1294	1.3062	1.3528
Sb-124n	0.0082	0.0088	0.0476	0.0527
Sb-125	1.4706	1.5307	1.7705	1.8347
Sb-126	6.0649	6.3715	7.2873	7.5853
Sb-126m	3.6231	3.8001	4.3706	4.4793
Sb-127	1.6903	1.7894	2.0188	2.0838
Sb-128	6.7399	7.1072	7.9917	8.4063
Sb-128m	4.3758	4.5715	5.1111	5.3647
Sb-129	2.3513	2.4896	2.7891	2.9772
Sb-130m	5.0603	5.2967	5.9720	6.3036
Sb-130	7.2305	7.5678	8.4959	8.7106
Sb-131	2.9443	3.1448	3.5090	3.7697
Sb-133	3.0979	3.3562	3.7013	3.9621
Sc-42m	4.2093	4.6203	4.9979	5.3200
Sc-43	0.3168	0.3281	0.3789	0.3619
Sc-44	1.4711	1.6453	1.7289	2.0169
Sc-44m	1.3339	1.4300	1.5453	1.5325
Sc-46	2.9159	3.1400	3.4312	3.8833
Sc-47	1.0916	1.1106	1.3389	1.0035
Sc-48	4.5142	4.9330	5.3273	6.0474
Sc-49	0.0008	0.0009	0.0010	0.0010
Sc-50	4.1012	4.4960	4.9070	5.2475
Se-70	1.5512	1.6271	2.4973	2.6158
Se-71	1.5656	1.6376	1.8907	1.8161
Se-72	0.6319	0.6567	1.3104	1.5111
Se-73	2.2425	2.2992	2.7124	2.8272
Se-73m	0.2346	0.2476	0.3718	0.4068
Se-75	2.7926	2.9289	3.7308	3.6840
Se-77m	0.9033	0.9250	1.2800	1.0910
Se-79m	0.2215	0.2473	0.5585	0.6808
Se-79	0.0000	0.0000	0.0000	0.0000
Se-81	0.0277	0.0295	0.0322	0.0325
Se-81m	0.2782	0.3120	0.6218	0.7481
Se-83m	1.4352	1.5285	1.7042	1.8211

Nuclide	avg400	ctr400	mid400	cnr400
Se-83	4.7793	5.1089	5.6623	5.7866
Se-84	1.3911	1.4414	1.6614	1.5613
Si-31	0.0010	0.0012	0.0012	0.0014
Si-32	0.0000	0.0000	0.0000	0.0000
Sm-139	2.2307	2.3630	2.6179	2.6943
Sm-140	1.3311	1.3903	1.5731	1.6992
Sm-141	1.9118	2.0110	2.2786	2.3246
Sm-141m	4.0898	4.2953	4.8551	4.9462
Sm-142	0.5151	0.5190	0.6157	0.7371
Sm-143	0.3596	0.3671	0.4290	0.5079
Sm-143m	1.3364	1.3860	1.5831	1.7050
Sm-145	1.1010	1.1048	1.2885	1.5429
Sm-146	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0003	0.0003	0.0013	0.0015
Sm-153	0.9867	1.0544	1.1187	1.2685
Sm-155	1.3216	1.4649	1.4562	1.5684
Sm-156	1.1517	1.2125	1.3930	1.3629
Sm-157	2.0530	2.1487	2.4107	2.3024
Sn-106	3.0320	3.1935	3.5744	3.7942
Sn-108	2.9213	3.0452	3.4594	3.5284
Sn-109	2.7402	2.9413	3.2771	3.6290
Sn-110	1.7171	1.8004	1.9937	2.1405
Sn-111	0.3954	0.4034	0.4825	0.6139
Sn-113	0.3158	0.3074	0.3912	0.5565
Sn-113m	0.2110	0.2038	0.2653	0.3905
Sn-117m	1.6870	1.7008	2.0732	1.8015
Sn-119m	0.2344	0.2268	0.3259	0.4715
Sn-121	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.0827	0.0802	0.1188	0.1571
Sn-123	0.0094	0.0102	0.0110	0.0127
Sn-123m	1.4187	1.4418	1.7369	1.3449
Sn-125m	1.4586	1.5292	1.6608	1.6373
Sn-125	0.4783	0.5135	0.5639	0.6226
Sn-126	0.8785	0.9216	0.9870	1.1334
Sn-127m	1.3428	1.4750	1.6187	1.6205
Sn-127	2.9904	3.2131	3.5443	3.7873
Sn-128	2.5632	2.6578	3.0041	3.3183
Sn-129	1.8358	1.9608	2.2197	2.3688

Nuclide	avg400	ctr400	mid400	cnr400
Sn-130	3.5165	3.6361	4.0802	4.1431
Sn-130m	2.0845	2.1801	2.4327	2.5882
Sr-79	1.2543	1.3300	1.5208	1.6474
Sr-80	1.1049	1.1796	1.5392	1.7144
Sr-81	2.1663	2.2508	2.6462	2.3985
Sr-82	0.1332	0.1456	0.3811	0.5947
Sr-83	1.2626	1.3302	1.7963	2.1352
Sr-85	1.4354	1.5786	1.9626	2.1862
Sr-85m	1.5363	1.6287	1.8525	1.7546
Sr-87m	1.1537	1.1889	1.4023	1.3510
Sr-89	0.0001	0.0001	0.0002	0.0002
Sr-90	0.0000	0.0000	0.0000	0.0000
Sr-91	1.1819	1.2548	1.4063	1.5443
Sr-92	1.4698	1.6437	1.7340	1.9344
Sr-93	3.7679	4.0232	4.5522	4.7258
Sr-94	1.4711	1.6314	1.7459	1.9162
Ta-170	1.4231	1.5096	1.7735	1.9240
Ta-172	3.4479	3.6739	4.1975	4.4967
Ta-173	2.3085	2.3724	2.9396	3.1266
Ta-174	2.6072	2.7386	3.2316	3.3565
Ta-175	3.4871	3.6338	4.2083	4.4673
Ta-176	3.4786	3.7163	4.2953	4.6472
Ta-177	1.0124	1.0278	1.2631	1.4126
Ta-178	1.0383	1.0612	1.3158	1.4848
Ta-178m	7.0540	7.3967	8.3355	8.4445
Ta-179	0.4517	0.4555	0.6478	0.7316
Ta-180	0.8306	0.8439	1.0573	1.1932
Ta-182	3.0811	3.3143	3.6786	4.0918
Ta-182m	2.9560	3.0134	3.9260	3.7596
Ta-183	2.7101	2.8187	3.4992	3.6258
Ta-184	5.1319	5.4085	6.2567	6.3880
Ta-185	1.5319	1.5703	2.0456	1.9892
Ta-186	5.0648	5.3413	6.0771	6.0541
Tb-146	3.0130	3.2542	3.6260	3.8330
Tb-147m	1.8903	2.0620	2.2576	2.4912
Tb-147	3.5188	3.7712	4.1864	4.5273
Tb-148m	6.3571	6.6258	7.5816	7.9432
Tb-148	2.7393	2.8879	3.2738	3.4793
Tb-149m	2.6505	2.7428	3.1530	3.3870
Tb-149	3.1357	3.2758	3.7467	3.7932

Nuclide	avg400	ctr400	mid400	cnr400
Tb-150m	6.3377	6.7002	7.6476	7.9031
Tb-150	3.0998	3.3012	3.7786	3.9611
Tb-151	4.0084	4.2398	4.7519	4.9115
Tb-151m	0.4838	0.5024	0.8258	0.8899
Tb-152m	3.5465	3.7218	4.2304	4.2863
Tb-152	2.7822	2.9342	3.2930	3.4195
Tb-153	2.2845	2.3913	2.7311	2.8466
Tb-154	3.2062	3.4120	3.8597	4.0836
Tb-155	2.2098	2.3262	2.5842	2.7303
Tb-156	4.8094	5.1637	5.7330	6.0785
Tb-156m	0.6744	0.6953	0.7236	0.7689
Tb-156n	0.0866	0.0909	0.2105	0.2336
Tb-157	0.1039	0.1073	0.2192	0.2470
Tb-158	2.2252	2.3272	2.6895	2.9587
Tb-160	2.3856	2.5480	2.8205	3.0621
Tb-161	0.6207	0.6318	0.8205	0.9475
Tb-162	3.1703	3.3386	3.7420	3.8535
Tb-163	2.6892	2.8429	3.1945	3.1361
Tb-164	5.2721	5.5886	6.3371	6.4861
Tb-165	1.1720	1.2885	1.4372	1.5504
Tc-101	1.5414	1.6286	1.7582	1.7408
Tc-102m	3.5512	3.8437	4.2909	4.4051
Tc-102	0.1625	0.1758	0.1956	0.1989
Tc-104	3.4128	3.6290	4.0654	4.0433
Tc-105	2.5322	2.6718	2.9931	2.9209
Tc-91	1.2692	1.3663	1.5627	1.5583
Tc-91m	0.9088	1.0006	1.0991	1.1253
Tc-92	5.6249	5.9129	6.6479	6.5969
Tc-93	1.6345	1.7977	2.0459	2.2775
Tc-93m	1.2928	1.3444	1.6168	1.5360
Tc-94	4.6855	4.8818	5.6625	6.1554
Tc-94m	1.7352	1.8175	2.0944	2.2682
Tc-95	1.6518	1.6991	2.0734	2.2569
Tc-95m	2.3120	2.4149	2.8594	2.8780
Tc-96	4.5613	4.7290	5.4784	5.9705
Tc-96m	0.1836	0.1835	0.2802	0.3155
Tc-97	0.2065	0.1989	0.3630	0.4145
Tc-97m	0.1711	0.1650	0.2863	0.3259
Tc-98	2.8590	2.9993	3.4408	3.6608
Tc-99	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Tc-99m	1.4238	1.4443	1.6992	1.4683
Te-113	1.5641	1.6847	1.8664	2.0184
Te-114	2.2879	2.4047	2.7125	3.0052
Te-115	2.3611	2.5584	2.7997	3.0779
Te-115m	2.6703	2.8614	3.1776	3.4817
Te-116	1.0829	1.1258	1.2404	1.5360
Te-117	1.8765	1.9635	2.2557	2.4749
Te-118	0.3119	0.2991	0.3767	0.5313
Te-119	1.7561	1.8314	2.1355	2.3922
Te-119m	3.4167	3.6309	4.0571	4.2023
Te-121	1.6969	1.7999	2.0617	2.2630
Te-121m	1.5948	1.6610	1.8952	1.8740
Te-123	0.0076	0.0081	0.0419	0.0465
Te-123m	1.5693	1.5828	1.9401	1.6138
Te-125m	0.5757	0.5519	0.7009	0.9155
Te-127	0.0178	0.0185	0.0211	0.0202
Te-127m	0.1809	0.1737	0.2366	0.3056
Te-129	0.2430	0.2525	0.3225	0.3549
Te-129m	0.1892	0.1870	0.2380	0.2931
Te-131	1.8130	1.8768	2.1798	1.9590
Te-131m	3.0600	3.2260	3.5834	3.8043
Te-132	1.9134	1.9929	2.2207	2.2412
Te-133	2.4265	2.5740	2.8330	2.8965
Te-133m	3.5017	3.6962	4.1439	4.3864
Te-134	3.0864	3.2313	3.6185	3.6103
Th-223	1.0253	1.1072	1.3573	1.4876
Th-224	0.2012	0.2096	0.2564	0.2325
Th-226	0.1078	0.1156	0.1666	0.1878
Th-227	1.0414	1.1067	1.5366	1.6910
Th-228	0.0540	0.0566	0.1192	0.1445
Th-229	1.3254	1.4218	2.0258	2.2860
Th-230	1.0920	1.0961	1.0910	1.2691
Th-231	0.4439	0.4607	0.9219	1.1518
Th-232	1.4107	1.5343	1.6388	1.7113
Th-233	0.2199	0.2334	0.3638	0.4011
Th-234	0.1669	0.1759	0.2375	0.2820
Th-235	0.1447	0.1531	0.1752	0.1815
Th-236	0.2228	0.2394	0.2947	0.3177
Ti-44	2.2562	2.2896	2.3525	2.5738
Ti-45	0.0071	0.0076	0.0198	0.0217

Nuclide	avg400	ctr400	mid400	cnr400
Ti-51	1.4963	1.5738	1.6954	1.6945
Ti-52	1.6099	1.6430	1.9359	1.9016
Tl-190	2.0119	2.1036	2.4458	2.4952
Tl-190m	5.3420	5.6189	6.4558	6.6965
Tl-194	2.0952	2.1850	2.5752	2.6751
Tl-194m	6.7859	7.1334	8.3097	8.6645
Tl-195	2.6865	2.8349	3.5039	3.8228
Tl-196	3.4689	3.6511	4.2399	4.3922
Tl-197	2.0661	2.1400	2.5817	2.7758
Tl-198	3.8032	4.0106	4.6466	4.8512
Tl-198m	4.3177	4.5429	5.4321	5.6653
Tl-199	1.9673	2.0358	2.4717	2.6271
Tl-200	3.5254	3.7190	4.2595	4.5419
Tl-201	1.4071	1.4359	1.8687	2.0401
Tl-202	2.2354	2.3275	2.7691	2.8758
Tl-204	0.0209	0.0214	0.0287	0.0327
Tl-206m	7.1645	7.6195	8.5763	8.7539
Tl-206	0.0011	0.0012	0.0014	0.0016
Tl-207	0.0039	0.0041	0.0046	0.0051
Tl-208	3.2428	3.4909	4.0820	3.8971
Tl-209	4.2712	4.5717	5.0577	5.1182
Tl-210	4.5386	4.8371	5.4507	5.7835
Tm-161	4.1755	4.3584	5.0023	5.1836
Tm-162	2.4911	2.6724	3.0061	3.2029
Tm-163	3.7193	3.9586	4.4013	4.7222
Tm-164	0.9476	1.0000	1.1564	1.2469
Tm-165	2.9055	3.0483	3.4613	3.5891
Tm-166	3.7423	3.9667	4.5394	4.7896
Tm-167	1.6615	1.7241	2.0737	2.1170
Tm-168	4.3298	4.5152	5.2283	5.3231
Tm-170	0.0697	0.0727	0.0987	0.1074
Tm-171	0.0111	0.0112	0.0143	0.0158
Tm-172	0.7342	0.7891	0.9352	1.0051
Tm-173	1.3983	1.4399	1.6759	1.5916
Tm-174	5.8708	6.1741	7.0354	6.9866
Tm-175	2.4418	2.6161	2.9366	3.0705
Tm-176	4.0939	4.3554	4.9555	5.0259
U-227	1.1057	1.1987	1.4399	1.5467
U-228	0.0758	0.0806	0.1402	0.1650
U-230	0.0522	0.0536	0.1274	0.1571

Nuclide	avg400	ctr400	mid400	cnr400
U-231	1.3585	1.4749	2.1275	2.5409
U-232	0.0414	0.0425	0.1135	0.1432
U-233	0.0220	0.0228	0.0614	0.0775
U-234	1.0350	1.0646	1.0756	1.0816
U-235	1.6625	1.7478	1.8040	1.8893
U-235m	0.0000	0.0000	0.0000	0.0000
U-236	0.0326	0.0335	0.0927	0.1174
U-237	1.7833	1.8994	2.3277	2.5672
U-238	1.0917	1.1594	1.2666	1.3077
U-239	0.6966	0.7107	0.7929	0.8807
U-240	0.1584	0.1656	0.3448	0.4162
U-242	0.2732	0.2812	0.3093	0.3326
V-47	0.0099	0.0107	0.0152	0.0151
V-48	3.0474	3.3497	3.6389	4.1522
V-49	0.0202	0.0217	0.1176	0.1300
V-50	1.4150	1.5224	1.7724	1.8525
V-52	1.4236	1.5853	1.6886	1.8555
V-53	1.5012	1.6149	1.7776	2.0183
W-177	4.5339	4.7115	5.5953	5.9252
W-178	0.2898	0.2927	0.4993	0.5652
W-179	0.9618	0.9615	1.3646	1.5526
W-179m	0.7561	0.7652	0.9917	1.1002
W-181	0.7023	0.7046	0.9348	1.0648
W-185m	0.4141	0.4252	0.9404	1.0131
W-185	0.0008	0.0008	0.0009	0.0010
W-187	1.5013	1.5672	1.8025	1.8952
W-188	0.0130	0.0136	0.0160	0.0164
W-190	2.0205	2.0293	2.5604	2.5643
Xe-120	1.8860	1.9191	2.2178	2.4430
Xe-121	1.7996	1.8875	2.1414	2.1813
Xe-122	0.6085	0.5997	0.7212	0.8167
Xe-123	1.8009	1.8333	2.1540	2.0516
Xe-125	2.0433	2.0976	2.4089	2.4037
Xe-127	2.2856	2.3421	2.7077	2.5774
Xe-127m	1.9577	1.9846	2.3013	2.1765
Xe-129m	0.7792	0.7530	0.9337	1.0901
Xe-131m	0.3176	0.3053	0.3950	0.4542
Xe-133	0.7594	0.7684	0.8328	0.9044
Xe-133m	0.4438	0.4409	0.5348	0.5943
Xe-135	1.4115	1.5175	1.6434	1.6146

Nuclide	avg400	ctr400	mid400	cnr400
Xe-135m	1.1593	1.2609	1.4054	1.4339
Xe-137	0.4751	0.5087	0.5706	0.5579
Xe-138	1.7600	1.8745	2.1482	2.1036
Y-81	1.6144	1.6737	1.9737	2.0433
Y-83	0.8637	0.9116	1.1558	1.3345
Y-83m	1.2076	1.2903	1.4783	1.4927
Y-84m	4.6941	4.9826	5.5779	6.1401
Y-85	1.0209	1.1163	1.2996	1.3744
Y-85m	1.1232	1.2068	1.4268	1.5214
Y-86	4.6651	5.0168	5.7037	6.2350
Y-86m	1.5702	1.6541	1.8616	1.7129
Y-87	1.3691	1.4891	1.8575	2.0100
Y-87m	1.1177	1.1536	1.3520	1.3077
Y-88	2.8926	3.0722	3.6473	3.9869
Y-89m	1.4474	1.5206	1.7085	1.8955
Y-90	0.0000	0.0000	0.0000	0.0001
Y-90m	2.8512	3.0397	3.4053	3.2092
Y-91	0.0038	0.0043	0.0044	0.0052
Y-91m	1.3152	1.4288	1.6093	1.6507
Y-92	0.3807	0.4077	0.4519	0.4924
Y-93	0.1918	0.2057	0.2246	0.2288
Y-94	1.1312	1.2009	1.3416	1.4682
Y-95	0.8463	0.9130	1.0335	1.0495
Yb-162	2.3171	2.3936	2.8287	2.7461
Yb-163	1.5556	1.6171	1.9696	2.1085
Yb-164	0.8049	0.8254	0.9864	1.0682
Yb-165	2.1618	2.2368	2.8113	3.0370
Yb-166	1.5393	1.5821	1.8620	2.0165
Yb-167	3.6383	3.8058	4.4755	4.6611
Yb-169	4.1860	4.3094	4.9815	5.1482
Yb-175	0.2079	0.2160	0.2455	0.2431
Yb-177	0.7499	0.7793	0.9001	0.8713
Yb-178	0.1521	0.1572	0.1840	0.1784
Yb-179	2.6346	2.7976	3.1988	3.2782
Zn-60	1.5630	1.6319	1.8393	1.9540
Zn-61	0.6245	0.6761	0.7602	0.7663
Zn-62	1.1603	1.2424	1.7190	1.8261
Zn-63	0.2474	0.2629	0.3202	0.3475
Zn-65	0.8097	0.8924	1.2702	1.4504
Zn-69	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Zn-69m	1.2901	1.3645	1.5656	1.5029
Zn-71	0.7380	0.7980	0.8837	0.9042
Zn-71m	4.1723	4.4377	5.0159	5.0007
Zn-72	1.7001	1.7439	2.4506	2.2322
Zr-85	1.2346	1.3137	1.4889	1.4833
Zr-86	1.9467	2.0576	2.5882	2.7911
Zr-87	0.1332	0.1449	0.1895	0.2280
Zr-88	1.5011	1.5414	1.9608	1.9857
Zr-89	1.5907	1.6666	2.0147	2.2982
Zr-89m	1.3460	1.4494	1.6564	1.7266
Zr-93	0.0000	0.0000	0.0000	0.0000
Zr-95	1.3998	1.4564	1.6633	1.7797
Zr-97	1.6581	1.7390	1.9716	2.1047

Table 7: Drywall 5 cm Contamination Thickness for 10x10x10 ft and 50x50x10 ft rooms

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ac-223	0.2759	0.2303	0.2779	0.2521	0.2504	0.1790	0.2250	0.2729
Ac-224	2.6056	2.4118	2.5711	2.4406	2.6953	2.0305	2.3020	2.8649
Ac-225	0.3627	0.3096	0.3670	0.3366	0.3320	0.2324	0.2939	0.3383
Ac-226	1.2800	1.1387	1.2408	1.1639	1.3094	1.0289	1.0559	1.3190
Ac-227	0.0816	0.0618	0.0866	0.0749	0.0642	0.0408	0.0622	0.0672
Ac-228	2.1580	1.8949	1.9713	1.9734	2.2242	1.9402	2.1140	3.0358
Ac-230	0.9399	0.8151	0.8608	0.8545	0.9652	0.8350	0.9115	1.3657
Ac-231	3.0012	2.6620	2.8471	2.6707	3.0806	2.4854	2.5462	3.3179
Ac-232	1.4959	1.2876	1.3711	1.3770	1.5603	1.3936	1.5114	2.4231
Ac-233	1.5788	1.3926	1.4145	1.3945	1.6131	1.4188	1.5683	2.1939
Ag-100m	2.6844	2.3713	2.3951	2.4599	2.9078	2.7086	2.9077	4.7351
Ag-101	2.2576	1.9908	2.0851	2.0077	2.3685	2.0902	2.1715	3.0307
Ag-102m	1.6747	1.4498	1.4947	1.5164	1.7926	1.6228	1.7327	2.8476
Ag-102	4.1000	3.6241	3.6458	3.7225	4.3948	4.0248	4.3385	6.8223
Ag-103	2.2176	2.0544	2.0887	2.0414	2.3428	1.9311	2.1583	2.6246
Ag-104	5.0120	4.4769	4.4572	4.5875	5.3330	4.8981	5.3104	8.0332
Ag-104m	2.0695	1.8384	1.8588	1.8684	2.1806	1.9459	2.1143	3.1221
Ag-105	2.5972	2.3082	2.3900	2.2857	2.6385	2.2292	2.3332	2.8737
Ag-105m	0.0337	0.0240	0.0355	0.0299	0.0255	0.0161	0.0260	0.0317
Ag-106	0.4845	0.4442	0.4531	0.4470	0.4914	0.4095	0.4684	0.5335
Ag-106m	6.1911	5.5360	5.5177	5.6046	6.5271	5.8966	6.3576	9.3261
Ag-108	0.0515	0.0471	0.0478	0.0476	0.0538	0.0472	0.0525	0.0697
Ag-108m	4.6912	4.2426	4.2310	4.2480	4.9213	4.4189	4.7946	6.8155
Ag-109m	0.2839	0.2679	0.2842	0.2751	0.2765	0.2091	0.2702	0.2325
Ag-110	0.0707	0.0636	0.0638	0.0648	0.0760	0.0704	0.0764	0.1172
Ag-110m	4.7493	4.2264	4.1789	4.3602	5.1380	4.8396	5.2098	8.3381
Ag-111	0.1367	0.1179	0.1229	0.1151	0.1386	0.1183	0.1160	0.1547
Ag-111m	0.1674	0.1531	0.1691	0.1608	0.1579	0.1212	0.1562	0.1346
Ag-112	1.0867	0.9630	0.9746	0.9891	1.1737	1.0795	1.1609	1.8512
Ag-113m	0.9669	0.8411	0.8722	0.8304	0.9818	0.8400	0.8611	1.1502
Ag-113	0.3000	0.2568	0.2710	0.2542	0.3070	0.2654	0.2621	0.3592
Ag-114	0.4689	0.4148	0.4166	0.4200	0.4969	0.4506	0.4850	0.7429
Ag-115	0.9905	0.8817	0.9241	0.9006	1.0544	0.9317	0.9457	1.3880
Ag-116	2.6854	2.3432	2.3637	2.4026	2.8731	2.6002	2.7659	4.4259
Ag-117	1.8939	1.6700	1.7021	1.6894	2.0114	1.7485	1.8476	2.7788
Ag-99	2.8410	2.4824	2.6010	2.5361	3.0111	2.7146	2.7904	4.1623
Al-26	1.3655	1.1444	1.2259	1.2456	1.4838	1.3790	1.4418	2.6596
Al-28	1.3298	1.1164	1.1989	1.2143	1.4511	1.3435	1.4130	2.5913
Al-29	1.3925	1.2022	1.1870	1.2420	1.5425	1.4032	1.4270	2.5879

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Am-237	3.0011	2.7209	2.9404	2.7773	3.0763	2.3686	2.6902	3.3186
Am-238	2.8846	2.6274	2.7389	2.7323	3.0195	2.4646	2.8557	3.9171
Am-239	3.2472	2.9919	3.2890	3.1091	3.3208	2.4164	2.8944	3.4438
Am-240	3.1204	2.8133	2.9359	2.9675	3.2336	2.6839	3.1088	4.2388
Am-241	0.8358	0.8316	0.8441	0.8385	0.8530	0.8590	0.8319	0.8420
Am-242	0.4592	0.4139	0.4719	0.4430	0.4477	0.3107	0.3917	0.4050
Am-242m	0.3032	0.2561	0.3152	0.2874	0.2716	0.1836	0.2383	0.2133
Am-243	0.8286	0.7665	0.7361	0.6966	0.8470	0.6022	0.7079	0.8716
Am-244	2.8521	2.5314	2.6838	2.6585	2.9056	2.4302	2.7434	3.6587
Am-244m	0.1726	0.1505	0.1747	0.1644	0.1633	0.1179	0.1456	0.1443
Am-245	0.3644	0.3358	0.3670	0.3420	0.3754	0.2852	0.3344	0.3758
Am-246	3.8878	3.4966	3.7664	3.6570	3.9630	3.2020	3.5595	4.4533
Am-246m	1.8348	1.6194	1.6359	1.7003	1.9365	1.7548	1.9202	2.9013
Am-247	1.3483	1.2423	1.3348	1.2550	1.3960	1.0666	1.2303	1.4283
Ar-37	0.0354	0.0238	0.0382	0.0314	0.0248	0.0142	0.0265	0.0325
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	1.3698	1.1865	1.1698	1.2222	1.5192	1.3792	1.4114	2.5374
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	1.7216	1.4984	1.4948	1.5718	1.8732	1.7506	1.8544	3.1084
Ar-44	2.5614	2.2523	2.3508	2.3631	2.7733	2.4458	2.4535	4.0066
As-68	3.3886	2.9674	2.9551	3.1116	3.6777	3.4593	3.6981	6.1049
As-69	0.5293	0.4605	0.5020	0.4757	0.5426	0.4526	0.4823	0.6779
As-70	4.4644	3.8981	3.8978	4.0837	4.8057	4.4948	4.8018	7.8571
As-71	2.0237	1.7182	1.9353	1.8307	1.9759	1.5431	1.6415	2.2016
As-72	1.5226	1.3358	1.3400	1.3985	1.6158	1.5251	1.6571	2.6810
As-73	1.3328	0.9245	1.4318	1.1877	0.9574	0.5667	1.0071	1.2226
As-74	1.3696	1.1822	1.2728	1.2371	1.3802	1.2111	1.3851	2.0280
As-76	0.9450	0.8415	0.8398	0.8459	0.9984	0.9049	0.9783	1.4631
As-77	0.0475	0.0420	0.0458	0.0422	0.0494	0.0422	0.0420	0.0541
As-78	2.0327	1.7971	1.8014	1.8442	2.1946	2.0248	2.1605	3.4827
As-79	0.0973	0.0864	0.0854	0.0855	0.1007	0.0910	0.0949	0.1368
At-204	6.3384	5.6528	5.6648	5.6275	6.5698	5.7708	6.3132	9.1435
At-205	2.8647	2.5428	2.5775	2.5417	2.9596	2.4690	2.7853	4.1282
At-206	6.4207	5.7291	5.7375	5.7148	6.6786	5.8710	6.3557	9.2970
At-207	4.5904	4.0564	4.1118	4.0893	4.7838	4.1063	4.5389	6.8843
At-208	7.2503	6.4634	6.5307	6.5759	7.6466	6.7046	7.2844	11.0645
At-209	6.5913	5.8868	5.9404	5.9272	6.8735	5.9401	6.5406	9.7612
At-210	5.5103	4.8008	5.0364	4.9113	5.7983	4.9576	5.3197	8.1573
At-211	0.5691	0.5046	0.5265	0.4902	0.5527	0.3775	0.4841	0.6400
At-215	0.0008	0.0007	0.0007	0.0007	0.0008	0.0007	0.0007	0.0009

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
At-216	0.0306	0.0275	0.0284	0.0264	0.0304	0.0219	0.0268	0.0346
At-217	0.0015	0.0014	0.0015	0.0013	0.0016	0.0013	0.0014	0.0018
At-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-220	2.3897	2.0997	2.2660	2.0969	2.4650	2.1114	2.1074	2.7569
Au-186	3.3922	3.0157	3.1328	3.0391	3.5038	2.9794	3.0513	4.3663
Au-187	2.5566	2.1979	2.3419	2.2251	2.5260	2.0933	2.3418	3.4050
Au-190	4.0731	3.4665	3.6647	3.4878	4.1619	3.5519	3.6902	5.5297
Au-191	3.2781	2.8558	3.0151	2.8164	3.2212	2.6375	2.9092	3.8649
Au-192	3.7416	3.1795	3.3442	3.1916	3.7949	3.2263	3.3778	5.0776
Au-193	1.8438	1.6038	1.7216	1.5646	1.7606	1.3494	1.5417	1.9478
Au-193m	1.7198	1.4415	1.6920	1.4889	1.6524	1.3403	1.4416	1.7782
Au-194	2.9709	2.5399	2.6601	2.5140	2.9660	2.4790	2.6297	3.7689
Au-195	1.5176	1.2807	1.4473	1.2891	1.3665	0.9739	1.2496	1.5739
Au-195m	1.7336	1.4512	1.6963	1.4954	1.6625	1.3460	1.4490	1.7945
Au-196	2.8439	2.4558	2.5411	2.3707	2.7865	2.2929	2.4094	3.1901
Au-196m	3.2174	2.7565	3.0811	2.8330	3.0414	2.2688	2.6378	3.2985
Au-198	1.5887	1.4302	1.4080	1.3794	1.6149	1.4250	1.4766	1.9915
Au-198m	5.0830	4.5860	4.9544	4.6838	5.2004	4.0536	4.2487	5.7102
Au-199	1.0385	0.9037	0.9505	0.9067	1.0373	0.7931	0.8175	1.0579
Au-200	0.5566	0.4864	0.4852	0.4829	0.5829	0.5158	0.5254	0.8073
Au-200m	7.4158	6.5727	6.7654	6.5593	7.6773	6.6956	6.9709	9.7007
Au-201	0.1700	0.1438	0.1597	0.1500	0.1616	0.1308	0.1551	0.2087
Au-202	0.3570	0.3166	0.3111	0.3164	0.3744	0.3386	0.3572	0.5375
Ba-124	1.5815	1.4401	1.4962	1.4694	1.6036	1.3511	1.6659	1.8726
Ba-126	2.1199	1.9120	2.0082	1.9518	2.1706	1.8880	2.2228	2.6502
Ba-127	0.8079	0.7544	0.7835	0.7681	0.8180	0.6640	0.8874	0.9183
Ba-128	0.7774	0.7103	0.7707	0.7287	0.7427	0.6064	0.8993	0.7457
Ba-129	0.8869	0.8274	0.8800	0.8500	0.8813	0.7235	1.0018	0.9486
Ba-129m	4.3653	3.9365	4.0211	4.0178	4.5439	3.9771	4.4527	5.9708
Ba-131	2.6318	2.4458	2.5024	2.4304	2.6829	2.2500	2.8037	3.0502
Ba-131m	1.0584	1.0199	1.0701	1.0337	1.0940	0.8013	1.1595	1.2203
Ba-133	2.8112	2.5235	2.5890	2.4711	2.7921	2.2826	2.7934	3.0604
Ba-133m	0.7823	0.6824	0.7790	0.7172	0.7299	0.5794	0.8296	0.7590
Ba-135m	0.6437	0.5809	0.6384	0.5966	0.6204	0.5051	0.7222	0.6248
Ba-137m	1.3973	1.2592	1.2640	1.2835	1.4971	1.3862	1.5309	2.3120
Ba-139	0.3951	0.3533	0.3584	0.3532	0.4122	0.3250	0.3233	0.4029
Ba-140	0.8827	0.7621	0.8235	0.7861	0.8570	0.7117	0.8468	1.0564
Ba-141	2.9361	2.6039	2.6966	2.6257	3.0837	2.6747	2.6879	3.8029
Ba-142	2.4185	2.1437	2.1743	2.1752	2.5549	2.2861	2.4411	3.5043

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.1683	0.1501	0.1485	0.1468	0.1723	0.1522	0.1636	0.2235
Bi-197	3.2680	2.8657	2.9048	2.9143	3.3793	2.9049	3.2570	4.9891
Bi-200	7.1664	6.3557	6.4004	6.3153	7.3495	6.3909	6.8967	9.6843
Bi-201	3.2875	2.8797	2.9208	2.9267	3.4131	2.9342	3.2721	5.0730
Bi-202	6.4859	5.7554	5.7419	5.7915	6.7501	5.9829	6.5154	9.6579
Bi-203	4.1278	3.6120	3.6828	3.6914	4.3125	3.7685	4.1558	6.5503
Bi-204	6.4373	5.6745	5.6694	5.7511	6.6992	5.9552	6.4701	9.7686
Bi-205	3.1218	2.7188	2.8078	2.7828	3.2199	2.7693	3.1063	4.8086
Bi-206	7.5230	6.6487	6.6718	6.7146	7.8422	6.9336	7.5652	11.4676
Bi-207	3.7130	3.2758	3.2951	3.3058	3.8356	3.3274	3.7275	5.5330
Bi-208	1.9656	1.6330	1.7700	1.7452	2.0819	1.7353	1.8818	3.3043
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.5679	1.3429	1.4628	1.3262	1.5886	1.3394	1.3332	1.7280
Bi-211	0.2473	0.2140	0.2189	0.2069	0.2474	0.2076	0.2106	0.2841
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	0.2714	0.2269	0.2576	0.2474	0.2614	0.2222	0.2627	0.3884
Bi-213	0.4981	0.4459	0.4421	0.4329	0.5068	0.4376	0.4676	0.6360
Bi-214	1.9290	1.6893	1.7081	1.7516	2.0863	1.9210	2.0473	3.3720
Bi-215	1.0991	0.9505	0.9976	0.9378	1.1200	0.9316	0.9682	1.3354
Bi-216	2.3485	2.1013	2.0898	2.0711	2.4284	2.1559	2.3240	3.2656
Bk-245	2.7862	2.6167	2.8072	2.6503	2.8996	2.1619	2.6183	2.9462
Bk-246	3.0013	2.7328	2.8582	2.8379	3.1160	2.5645	2.9887	3.9810
Bk-247	1.3943	1.2836	1.3356	1.2531	1.4667	1.1103	1.2534	1.5754
Bk-248m	0.6029	0.5599	0.6050	0.5773	0.6136	0.4509	0.5618	0.6164
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	1.5512	1.3650	1.3539	1.4500	1.6391	1.5210	1.6749	2.5056
Bk-251	1.3974	1.3183	1.4063	1.3389	1.4408	1.0484	1.3143	1.3569
Br-72	2.8099	2.4637	2.4458	2.5522	3.0141	2.8065	2.9893	4.8675
Br-73	1.4759	1.3215	1.3188	1.2915	1.5135	1.3263	1.4354	1.9964
Br-74	3.0871	2.6747	2.7714	2.8266	3.3530	3.0652	3.2232	5.5102
Br-74m	3.9356	3.4547	3.5171	3.5942	4.2528	3.9243	4.1941	6.9158
Br-75	2.2587	1.9333	2.0940	1.9360	2.2725	1.9311	1.9659	2.5920
Br-76	2.9650	2.5561	2.6663	2.6714	3.0957	2.7781	3.0243	4.8276
Br-76m	1.0477	0.8901	1.0820	0.9884	0.8866	0.6298	0.8414	0.9297
Br-77	1.7582	1.4743	1.7077	1.5691	1.6575	1.3602	1.5479	2.0307
Br-77m	0.5407	0.4546	0.5646	0.5111	0.4591	0.3195	0.4536	0.5505
Br-78	0.2518	0.2194	0.2341	0.2290	0.2549	0.2259	0.2565	0.3776
Br-80	0.1596	0.1380	0.1495	0.1454	0.1594	0.1402	0.1611	0.2365
Br-80m	0.9404	0.7782	0.9831	0.8874	0.7659	0.5386	0.8001	0.8247

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Br-82m	0.3998	0.3102	0.4228	0.3702	0.2954	0.2036	0.3105	0.3584
Br-82	4.9132	4.3728	4.3301	4.4693	5.2808	4.9155	5.2768	8.3344
Br-83	0.0207	0.0184	0.0184	0.0183	0.0214	0.0191	0.0208	0.0293
Br-84m	4.4717	3.9503	3.9239	4.0210	4.7737	4.3852	4.6467	7.3038
Br-84	1.5509	1.3396	1.3447	1.4218	1.6868	1.5964	1.6834	2.9238
Br-85	0.1061	0.0940	0.0921	0.0976	0.1146	0.1092	0.1165	0.1889
C-10	1.4958	1.3420	1.3261	1.3726	1.6140	1.5250	1.6418	2.6084
C-11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0631	0.0425	0.0683	0.0560	0.0443	0.0254	0.0473	0.0580
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	1.2326	1.0727	1.0577	1.1008	1.3555	1.2336	1.2734	2.2264
Ca-49	1.2519	1.0284	1.0699	1.1383	1.4018	1.2819	1.3607	2.7135
Cd-101	2.6719	2.4004	2.4582	2.4857	2.8822	2.4653	2.6999	4.1986
Cd-102	2.4146	2.2001	2.2097	2.1977	2.4883	2.1420	2.3880	3.0592
Cd-103	2.2037	1.9495	2.0067	2.0357	2.3442	2.0856	2.2831	3.4442
Cd-104	1.5539	1.4635	1.4518	1.4348	1.6088	1.2769	1.5238	1.7916
Cd-105	1.5342	1.3603	1.4010	1.4136	1.6129	1.4287	1.5633	2.2796
Cd-107	0.8096	0.7709	0.8152	0.7938	0.7891	0.6066	0.7802	0.6337
Cd-109	0.7501	0.7132	0.7551	0.7343	0.7280	0.5592	0.7218	0.5759
Cd-111m	2.2343	1.9914	2.1764	1.9957	2.3075	1.9410	1.9680	2.2846
Cd-113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0007	0.0007	0.0007	0.0007	0.0007	0.0006	0.0007	0.0007
Cd-115	0.6378	0.5687	0.5718	0.5635	0.6569	0.5807	0.6331	0.8613
Cd-115m	0.0487	0.0429	0.0417	0.0445	0.0526	0.0496	0.0528	0.0856
Cd-117	2.0333	1.7700	1.8218	1.7922	2.1516	1.9130	1.9717	2.9974
Cd-117m	2.2909	1.9848	1.9959	2.0805	2.4697	2.3007	2.4130	4.0812
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	2.4218	2.0887	2.1644	2.1366	2.5681	2.2877	2.3620	3.6868
Cd-119m	2.6849	2.3382	2.3458	2.4426	2.9021	2.6884	2.8297	4.7375
Ce-130	2.4169	2.2554	2.3163	2.2528	2.5006	2.0510	2.5661	2.7843
Ce-131	3.1207	2.7956	2.8651	2.8328	3.2309	2.7904	3.1434	4.1895
Ce-132	2.3584	2.1654	2.2633	2.2039	2.4411	1.9721	2.1716	2.4612
Ce-133	1.6661	1.5742	1.6274	1.5868	1.7015	1.2756	1.8100	1.8853
Ce-133m	4.1981	3.7899	3.8334	3.8125	4.3585	3.7822	4.4075	5.7964
Ce-134	0.5438	0.5083	0.5508	0.5307	0.5163	0.3934	0.6630	0.4871
Ce-135	3.2462	2.8906	3.0316	2.9195	3.3349	2.8870	3.2585	4.0909
Ce-137	0.6774	0.6065	0.6891	0.6497	0.6203	0.4640	0.7745	0.6224
Ce-137m	0.6078	0.5522	0.6089	0.5717	0.6006	0.4715	0.6364	0.5794
Ce-139	1.7739	1.6032	1.6615	1.6243	1.8013	1.4045	1.6365	1.7353

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ce-141	0.8023	0.7522	0.7465	0.7295	0.8468	0.6522	0.7521	0.8116
Ce-143	1.5723	1.3952	1.4764	1.3984	1.5979	1.3219	1.4676	1.7382
Ce-144	0.2239	0.2199	0.2174	0.2108	0.2384	0.1810	0.2375	0.2316
Ce-145	2.5062	2.2663	2.3049	2.2969	2.6135	2.2766	2.5863	3.4457
Cf-244	0.1066	0.0918	0.1104	0.1017	0.0976	0.0667	0.0845	0.0722
Cf-246	0.0732	0.0631	0.0758	0.0699	0.0671	0.0459	0.0581	0.0498
Cf-247	1.8985	1.7550	1.9349	1.8236	1.9010	1.3547	1.7389	1.7746
Cf-248	0.0878	0.0757	0.0909	0.0838	0.0806	0.0552	0.0698	0.0602
Cf-249	1.7176	1.5257	1.5719	1.5043	1.7263	1.4511	1.5204	1.9355
Cf-250	0.0822	0.0712	0.0829	0.0776	0.0777	0.0566	0.0685	0.0693
Cf-251	1.6306	1.5158	1.6316	1.5539	1.6799	1.2457	1.4634	1.6489
Cf-252	0.7748	0.6830	0.7018	0.7015	0.8165	0.7195	0.7674	1.1457
Cf-253	0.2418	0.2067	0.2506	0.2300	0.2220	0.1511	0.1952	0.1666
Cf-254	26.0351	22.9927	23.2639	23.4487	27.7730	24.9129	26.2600	40.4676
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34m	1.4929	1.3009	1.3223	1.3457	1.6122	1.4083	1.4704	2.4135
Cl-36	0.0005	0.0003	0.0005	0.0004	0.0004	0.0002	0.0004	0.0005
Cl-38	0.9803	0.8181	0.8777	0.8928	1.0762	0.9931	1.0278	1.9202
Cl-39	2.1108	1.8257	1.9244	1.8767	2.2875	2.0490	2.0850	3.3282
Cl-40	2.5980	2.2016	2.2892	2.3634	2.8971	2.6387	2.7684	5.0687
Cm-238	1.2564	1.1974	1.2776	1.2244	1.3118	0.9328	1.1825	1.3590
Cm-239	2.8975	2.7294	2.8754	2.7863	3.0628	2.3238	2.5630	3.1153
Cm-240	0.1209	0.1035	0.1254	0.1152	0.1097	0.0748	0.0945	0.0823
Cm-241	3.4536	3.1419	3.3438	3.2092	3.4905	2.7076	3.1868	3.8371
Cm-242	0.1085	0.0929	0.1125	0.1034	0.0984	0.0671	0.0848	0.0738
Cm-243	1.6721	1.5083	1.6884	1.5775	1.6829	1.2474	1.4578	1.7266
Cm-244	0.0931	0.0798	0.0966	0.0888	0.0845	0.0577	0.0728	0.0634
Cm-245	1.6545	1.5443	1.6733	1.6001	1.7022	1.2133	1.4863	1.7531
Cm-246	0.0798	0.0685	0.0820	0.0758	0.0733	0.0513	0.0637	0.0592
Cm-247	1.3349	1.2025	1.1952	1.1628	1.3599	1.1894	1.2247	1.6345
Cm-248	2.0994	1.8523	1.8860	1.8945	2.2284	1.9854	2.1018	3.2019
Cm-249	0.1654	0.1255	0.1691	0.1482	0.1374	0.0979	0.1405	0.1834
Cm-250	20.5408	18.1381	18.3557	18.4999	21.9100	19.6489	20.7114	31.9228
Cm-251	0.4572	0.4151	0.4259	0.4166	0.4720	0.3944	0.4470	0.5782
Co-54m	4.3288	3.8086	3.7651	3.8668	4.6393	4.2228	4.4125	7.0638
Co-55	1.9695	1.7250	1.7112	1.7946	2.0939	1.9486	2.1074	3.3377
Co-56	3.7647	3.2327	3.2841	3.4263	4.0366	3.7398	3.9909	6.8384
Co-57	1.7549	1.6412	1.7861	1.6578	1.7500	1.2785	1.7941	1.8720
Co-58	1.7148	1.4844	1.5332	1.5709	1.7729	1.6493	1.8302	2.9279

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Co-58m	0.2530	0.1706	0.2736	0.2245	0.1775	0.1018	0.1897	0.2324
Co-60	2.7890	2.4217	2.3801	2.5104	3.0779	2.8268	2.9303	5.1370
Co-60m	0.2953	0.2037	0.3161	0.2614	0.2127	0.1266	0.2236	0.2750
Co-61	0.7384	0.6840	0.6296	0.5894	0.7467	0.5999	0.6439	0.8316
Co-62	1.6158	1.3959	1.3742	1.4630	1.7735	1.6480	1.7063	2.9916
Co-62m	2.8796	2.4918	2.4534	2.6088	3.1471	2.9342	3.0459	5.3155
Cr-48	3.0307	2.7302	2.8584	2.6887	3.1391	2.4763	2.7492	3.4883
Cr-49	1.1170	1.0438	1.0169	0.9910	1.1933	0.8801	0.9707	1.3073
Cr-51	0.3122	0.2384	0.3030	0.2651	0.2700	0.2002	0.2444	0.3187
Cr-55	0.0006	0.0005	0.0005	0.0005	0.0007	0.0006	0.0006	0.0011
Cr-56	1.2731	1.1925	1.1589	1.1163	1.3076	0.9317	1.2053	1.4905
Cs-121	1.0753	0.9657	0.9881	0.9651	1.1173	0.9455	1.0152	1.3064
Cs-121m	2.0226	1.8403	1.9011	1.8628	2.1156	1.8001	1.8741	2.4263
Cs-123	1.4001	1.2843	1.3102	1.2930	1.4534	1.2130	1.4669	1.8646
Cs-124	0.6231	0.5447	0.5539	0.5408	0.6357	0.5571	0.5892	0.8097
Cs-125	1.2302	1.1256	1.1443	1.1322	1.2496	1.0751	1.3396	1.5871
Cs-126	1.0363	0.9292	0.9268	0.9155	1.0545	0.9338	1.0176	1.3415
Cs-127	2.0050	1.8465	1.8624	1.8188	2.0106	1.7235	2.1023	2.3393
Cs-128	0.6882	0.6235	0.6281	0.6199	0.6905	0.6023	0.7183	0.8566
Cs-129	1.7529	1.5997	1.6455	1.5959	1.7169	1.4539	1.8624	1.9091
Cs-130m	1.1245	1.0479	1.0746	1.0339	1.0955	0.8207	1.2493	1.1510
Cs-130	0.3730	0.3477	0.3663	0.3583	0.3554	0.2958	0.4582	0.3923
Cs-131	0.5072	0.4798	0.5130	0.4976	0.4672	0.3766	0.6533	0.4559
Cs-132	2.0467	1.8641	1.8955	1.9064	2.1242	1.9190	2.3237	3.0446
Cs-134	3.3742	3.0213	2.9906	3.0716	3.6130	3.3731	3.6399	5.6652
Cs-134m	0.5042	0.4578	0.5156	0.4791	0.4678	0.3495	0.5657	0.4907
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	2.9393	2.6252	2.5513	2.7077	3.1734	3.0526	3.2761	5.3116
Cs-136	4.3161	3.8075	3.7564	3.8840	4.5888	4.2117	4.4376	6.8347
Cs-137	1.3087	1.2019	1.3074	1.3296	1.3941	1.3981	1.4484	1.3857
Cs-138m	1.1796	1.0686	1.1121	1.0948	1.2115	1.0281	1.2249	1.5135
Cs-138	2.8196	2.4566	2.4767	2.5446	3.0484	2.7802	2.9452	4.8191
Cs-139	0.2818	0.2426	0.2460	0.2541	0.3093	0.2833	0.2942	0.5198
Cs-140	1.9324	1.6830	1.7097	1.7545	2.0927	1.9285	2.0483	3.4135
Cu-57	0.1458	0.1273	0.1237	0.1333	0.1588	0.1497	0.1584	0.2651
Cu-59	0.7467	0.6522	0.6494	0.6621	0.7933	0.7208	0.7513	1.1968
Cu-60	2.7795	2.3847	2.4304	2.5155	3.0368	2.7960	2.9312	5.1896
Cu-61	0.6827	0.5723	0.6387	0.5985	0.6692	0.5663	0.6286	0.8925
Cu-62	0.0160	0.0124	0.0154	0.0144	0.0145	0.0116	0.0147	0.0224
Cu-64	0.1579	0.1076	0.1693	0.1401	0.1134	0.0674	0.1202	0.1512

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Cu-66	0.1384	0.1216	0.1166	0.1283	0.1496	0.1438	0.1548	0.2479
Cu-67	1.0705	0.9854	1.0342	1.0064	1.1360	0.8834	0.8855	1.2191
Cu-69	0.8553	0.7560	0.7367	0.7850	0.9197	0.8705	0.9369	1.4834
Dy-148	2.1385	1.9353	2.0022	1.9856	2.2360	1.9244	2.1438	3.0183
Dy-149	3.1830	2.8575	2.9669	2.9750	3.3581	2.8566	3.1527	4.6714
Dy-150	1.4349	1.3020	1.3246	1.2863	1.4437	1.2052	1.2845	1.6271
Dy-151	3.2705	2.8999	3.0005	2.9888	3.3814	2.9101	3.1684	4.5585
Dy-152	2.2294	1.9581	2.2020	1.9889	2.2670	1.8643	1.9055	2.2502
Dy-153	3.5576	3.2173	3.3996	3.2922	3.6643	2.9404	3.2251	4.2124
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	2.6527	2.3994	2.5671	2.4747	2.7672	2.2998	2.3847	3.1508
Dy-157	2.2843	1.9829	2.1019	1.9808	2.2802	1.8291	1.8812	2.3888
Dy-159	0.7777	0.7140	0.7901	0.7524	0.7598	0.5331	0.6458	0.6796
Dy-165m	0.2798	0.2272	0.2873	0.2572	0.2440	0.1672	0.2330	0.2821
Dy-165	0.1741	0.1594	0.1683	0.1625	0.1769	0.1356	0.1562	0.2028
Dy-166	0.6692	0.5978	0.6597	0.6181	0.6367	0.4463	0.5621	0.6554
Dy-167	2.2375	1.9637	2.0790	1.9673	2.2957	1.9721	2.0606	2.7562
Dy-168	1.9367	1.7604	1.8245	1.7825	1.9932	1.6630	1.7571	2.3221
Er-154	0.9514	0.8543	0.9688	0.9106	0.8748	0.6375	0.8553	0.8481
Er-156	1.3069	1.1203	1.3391	1.2284	1.1725	0.8227	1.1364	1.1923
Er-159	2.5977	2.3309	2.4397	2.4020	2.6939	2.2980	2.5033	3.5553
Er-161	2.6734	2.3930	2.4813	2.4877	2.7650	2.3921	2.6160	3.8015
Er-163	0.6663	0.6060	0.6745	0.6379	0.6320	0.4496	0.5515	0.5944
Er-165	0.6451	0.5854	0.6538	0.6174	0.6103	0.4331	0.5331	0.5745
Er-167m	0.8732	0.8007	0.8853	0.8431	0.9020	0.7300	0.7213	0.9340
Er-169	0.0073	0.0049	0.0079	0.0065	0.0051	0.0029	0.0055	0.0067
Er-171	2.5075	2.2023	2.3415	2.1834	2.5264	2.0409	2.1685	2.7361
Er-172	2.1464	1.9347	1.9856	1.9324	2.1643	1.8415	2.0221	2.7031
Er-173	3.5634	3.3323	3.4335	3.4163	3.7855	3.1742	3.3710	4.5665
Es-249	2.6173	2.4395	2.5180	2.4328	2.7146	2.1414	2.5130	2.9470
Es-250	7.1916	6.5554	6.9744	6.7268	7.3390	5.7689	6.7999	7.9790
Es-250m	2.1680	2.0249	2.0921	2.0656	2.2810	1.8128	2.1872	2.6547
Es-251	1.7497	1.6373	1.7746	1.6802	1.7824	1.2797	1.6284	1.6421
Es-253	0.0301	0.0257	0.0310	0.0285	0.0275	0.0189	0.0242	0.0217
Es-254	1.0694	0.8882	1.1121	1.0046	0.9475	0.6360	0.8406	0.7719
Es-254m	1.4203	1.2714	1.3242	1.3161	1.4787	1.2961	1.4542	2.0288
Es-255	0.0011	0.0009	0.0009	0.0010	0.0011	0.0010	0.0011	0.0016
Es-256	0.1438	0.1258	0.1483	0.1378	0.1340	0.0936	0.1204	0.0991
Eu-142	0.3334	0.2939	0.2997	0.3077	0.3610	0.3282	0.3517	0.5730
Eu-142m	5.0816	4.4983	4.4660	4.6416	5.3899	5.0057	5.4382	8.3826

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Eu-143	0.5301	0.4708	0.4914	0.4965	0.5697	0.4821	0.5282	0.8043
Eu-144	0.2395	0.2099	0.2247	0.2240	0.2593	0.2206	0.2424	0.3800
Eu-145	2.3052	2.0591	2.1018	2.1546	2.4603	2.1708	2.3781	3.5693
Eu-146	4.6108	4.1267	4.1676	4.2487	4.9499	4.4861	4.8573	7.4901
Eu-147	2.0675	1.9376	2.0026	1.9844	2.2099	1.7791	1.9740	2.5029
Eu-148	5.5603	4.9819	5.0310	5.0492	5.8750	5.2234	5.6827	8.2758
Eu-149	0.8356	0.7443	0.8370	0.7865	0.8310	0.5952	0.7007	0.7577
Eu-150	5.2701	4.6582	4.7303	4.6337	5.4378	4.6970	4.9270	6.8415
Eu-150m	0.1931	0.1719	0.1783	0.1724	0.1978	0.1614	0.1702	0.2190
Eu-152	2.9186	2.6396	2.6788	2.6775	3.1000	2.6442	2.9068	4.0459
Eu-152m	0.7582	0.6920	0.6951	0.7110	0.8081	0.6982	0.7841	1.0929
Eu-152n	1.0985	0.9964	1.0660	1.0079	1.1182	0.7544	0.9567	1.2955
Eu-154	2.5791	2.3605	2.3447	2.3900	2.7833	2.4536	2.7509	3.9756
Eu-154m	1.1908	1.0515	1.1773	1.0876	1.1420	0.8020	1.0499	1.2537
Eu-155	0.7767	0.7401	0.7523	0.7286	0.8275	0.5763	0.7067	0.9267
Eu-156	1.5998	1.4004	1.4113	1.4618	1.7207	1.5594	1.6579	2.7580
Eu-157	1.6745	1.4963	1.5649	1.4947	1.6647	1.3481	1.4819	1.8656
Eu-158	2.1111	1.8609	1.8448	1.9395	2.2516	2.0598	2.2357	3.5290
Eu-159	1.6164	1.4878	1.5325	1.4946	1.6718	1.2921	1.4675	1.8758
F-17	0.0005	0.0004	0.0004	0.0005	0.0005	0.0005	0.0006	0.0009
F-18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-52	1.5925	1.4058	1.4610	1.4248	1.6477	1.2937	1.2402	1.6360
Fe-53	0.7087	0.6259	0.6274	0.6065	0.7179	0.6271	0.6341	0.8640
Fe-53m	4.1475	3.6479	3.5962	3.7937	4.5165	4.2351	4.5041	7.4400
Fe-55	0.2097	0.1413	0.2268	0.1861	0.1471	0.0843	0.1572	0.1927
Fe-59	1.4784	1.2931	1.2611	1.3429	1.6204	1.4996	1.5619	2.6498
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	2.0248	1.7654	1.7591	1.8220	2.1784	1.9944	2.0873	3.3466
Fe-62	1.6096	1.4300	1.4195	1.4083	1.6539	1.4614	1.5929	2.1965
Fm-251	1.6925	1.5877	1.6921	1.6090	1.7331	1.2859	1.6426	1.7340
Fm-252	0.0760	0.0663	0.0785	0.0728	0.0710	0.0490	0.0618	0.0517
Fm-253	1.4040	1.2830	1.4292	1.3398	1.3947	0.9966	1.2680	1.2170
Fm-254	0.0873	0.0762	0.0887	0.0830	0.0829	0.0596	0.0730	0.0686
Fm-255	0.8531	0.7273	0.8827	0.8086	0.7830	0.5301	0.6763	0.5871
Fm-256	19.3833	17.1223	17.3238	17.4608	20.6740	18.5467	19.5557	30.0975
Fm-257	1.8011	1.6708	1.8096	1.7116	1.8410	1.3704	1.6521	1.7435
Fr-212	3.0944	2.7445	2.8816	2.7991	3.2085	2.6248	2.8600	4.1559
Fr-219	0.0178	0.0156	0.0159	0.0153	0.0180	0.0150	0.0156	0.0211
Fr-220	0.2026	0.1735	0.1984	0.1822	0.1866	0.1291	0.1665	0.2037
Fr-221	0.2413	0.2208	0.2386	0.2253	0.2536	0.2071	0.2037	0.2668

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Fr-222	1.4820	1.3642	1.4920	1.4274	1.5377	1.2188	1.2668	1.6077
Fr-223	0.8363	0.7535	0.8304	0.7833	0.8026	0.5822	0.6957	0.7863
Fr-224	1.6719	1.5208	1.5930	1.5569	1.7681	1.4885	1.5830	2.1883
Fr-227	2.3771	2.1708	2.2177	2.1519	2.4678	1.9422	2.1931	3.0111
Ga-64	2.0364	1.7527	1.7566	1.8692	2.2214	2.0915	2.2187	3.8465
Ga-65	1.4407	1.3295	1.4024	1.3428	1.4789	1.1465	1.4164	1.7785
Ga-66	1.5131	1.2538	1.3448	1.3815	1.5836	1.4314	1.5696	2.7147
Ga-67	1.7876	1.4958	1.7694	1.6148	1.6869	1.2250	1.4713	1.9784
Ga-68	0.1032	0.0800	0.0994	0.0932	0.0923	0.0741	0.0954	0.1408
Ga-70	0.0160	0.0138	0.0144	0.0147	0.0165	0.0145	0.0157	0.0236
Ga-72	3.2121	2.8100	2.8098	2.9423	3.4930	3.2933	3.4822	5.8612
Ga-73	2.4295	1.9548	2.3153	2.0716	2.2545	1.7901	1.9861	2.6025
Ga-74	3.5705	3.1102	3.1655	3.2321	3.8614	3.5420	3.7485	6.2079
Gd-142	1.3437	1.1972	1.2491	1.2268	1.4132	1.1918	1.2504	1.7674
Gd-143m	3.7535	3.3098	3.4938	3.3769	3.9358	3.4009	3.5661	5.0167
Gd-144	0.8107	0.7170	0.7601	0.7474	0.8506	0.6952	0.7488	1.0656
Gd-145m	1.6186	1.4247	1.4730	1.4775	1.6790	1.5191	1.6820	2.5452
Gd-145	2.0329	1.7532	1.8520	1.8789	2.1824	1.9344	2.0641	3.4518
Gd-146	3.1445	2.9932	3.0935	2.9992	3.3217	2.4200	2.8754	3.1874
Gd-147	4.4970	4.0344	4.1699	4.1018	4.7167	4.0985	4.2601	5.9318
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	2.9728	2.6576	2.7594	2.6640	3.0671	2.4688	2.6170	3.3022
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	1.0107	0.8995	1.0137	0.9524	0.9990	0.7169	0.8341	0.9158
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	1.5250	1.4430	1.5376	1.4885	1.6052	1.1141	1.3340	1.6029
Gd-159	0.3659	0.3280	0.3441	0.3287	0.3651	0.2906	0.3123	0.3815
Gd-162	1.6861	1.5026	1.5078	1.4683	1.7011	1.4835	1.5622	2.0908
Ge-66	2.5404	2.1678	2.4318	2.2620	2.4530	1.9586	2.2143	2.8850
Ge-67	1.7284	1.5255	1.5547	1.5470	1.8181	1.4971	1.4688	2.0869
Ge-68	0.5143	0.3471	0.5561	0.4565	0.3609	0.2072	0.3856	0.4724
Ge-69	1.4731	1.2133	1.3575	1.3305	1.4372	1.2413	1.4486	2.2207
Ge-71	0.5216	0.3521	0.5641	0.4630	0.3661	0.2101	0.3911	0.4791
Ge-75	0.2175	0.1890	0.2095	0.1888	0.2247	0.1936	0.1866	0.2358
Ge-77	3.6455	3.2532	3.4104	3.2856	3.8402	3.3800	3.3694	4.7330
Ge-78	1.6716	1.4264	1.5709	1.4123	1.7074	1.4635	1.4089	1.7993
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	1.6117	1.3788	1.4704	1.3635	1.5761	1.2737	1.3097	1.6818
Hf-169	2.3474	2.0879	2.1493	2.0663	2.3206	1.9383	2.1678	2.7955
Hf-170	2.8759	2.5575	2.7352	2.5941	2.8338	2.2464	2.5632	3.2519

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Hf-172	1.9078	1.6696	1.8943	1.7253	1.7355	1.2665	1.6471	1.8143
Hf-173	3.4000	3.1558	3.2569	3.0663	3.4602	2.7197	3.2094	3.6152
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	2.3759	2.0605	2.1842	2.0385	2.3066	1.8717	1.9829	2.5294
Hf-177m	14.6226	12.8977	13.7860	12.8923	14.8391	12.2939	12.5168	16.2091
Hf-178m	10.9698	9.7569	10.1985	9.7487	11.2276	9.4340	9.8411	13.3358
Hf-179m	5.8204	5.1802	5.4424	5.1448	5.8281	4.7824	5.1252	6.4620
Hf-180m	5.4988	4.8696	5.1016	4.8419	5.5608	4.6535	4.7642	6.3149
Hf-181	2.6418	2.3955	2.4258	2.3361	2.6818	2.2270	2.5393	3.1497
Hf-182	1.6306	1.4047	1.5496	1.3955	1.6549	1.3934	1.3804	1.7244
Hf-182m	4.3857	3.8858	4.0733	3.8988	4.4175	3.6817	3.9557	5.2772
Hf-183	2.2210	1.9933	1.9551	1.9546	2.3117	2.0407	2.2122	3.2802
Hf-184	2.5183	2.1295	2.4466	2.2351	2.3540	1.7682	2.1354	2.5679
Hg-190	2.5569	2.2745	2.3877	2.2193	2.4964	1.8600	2.2351	2.6601
Hg-191m	5.2331	4.5424	4.8396	4.5465	5.2717	4.4573	4.7956	6.6228
Hg-192	2.7396	2.3447	2.5734	2.3231	2.6313	2.0350	2.2863	2.8864
Hg-193	2.8323	2.4563	2.5982	2.4748	2.8017	2.3008	2.5683	3.6375
Hg-193m	2.9605	2.5940	2.6615	2.5786	2.9892	2.5355	2.7870	4.0079
Hg-194	0.2824	0.1992	0.3034	0.2539	0.2018	0.1226	0.2135	0.2553
Hg-195	1.5683	1.3283	1.4703	1.3397	1.4478	1.0933	1.3394	1.7649
Hg-195m	1.9975	1.6347	1.9534	1.7307	1.8006	1.3650	1.6636	2.0939
Hg-197	1.3304	1.1224	1.2456	1.1126	1.2038	0.8440	1.0919	1.3890
Hg-197m	1.4233	1.2364	1.3840	1.2557	1.3320	0.9707	1.2649	1.4663
Hg-199m	1.9457	1.6704	1.7675	1.6560	1.8821	1.4161	1.5651	2.0204
Hg-203	1.5339	1.3113	1.4352	1.2935	1.5524	1.3047	1.2902	1.6536
Hg-205	0.0436	0.0407	0.0432	0.0417	0.0463	0.0378	0.0363	0.0492
Hg-206	0.7016	0.5968	0.6306	0.5830	0.7024	0.5799	0.5864	0.7901
Hg-207	3.9565	3.4139	3.4828	3.5082	4.1639	3.7352	3.9441	6.2060
Ho-150	2.1760	1.9483	1.9228	2.0016	2.3294	2.1858	2.3598	3.7151
Ho-153	2.4058	2.1074	2.2168	2.1163	2.4602	2.0688	2.1502	2.9137
Ho-153m	2.6826	2.4162	2.5214	2.4386	2.7617	2.2732	2.4446	3.2172
Ho-154m	6.7804	5.9884	6.0302	5.9137	6.9429	6.0671	6.3280	8.8228
Ho-154	3.4066	2.9716	3.0317	2.9750	3.5098	3.0641	3.1727	4.5719
Ho-155	2.0545	1.8429	1.9851	1.8957	2.0800	1.6616	1.8174	2.2966
Ho-156	4.2558	3.7955	3.9533	3.8396	4.4581	3.8089	4.0840	5.6242
Ho-157	3.0614	2.7398	2.9230	2.7910	3.0881	2.4644	2.6634	3.3518
Ho-159	3.2007	2.9747	3.1290	2.9856	3.2814	2.5331	2.9338	3.3691
Ho-160	4.2297	3.7996	3.8568	3.9368	4.4435	3.9343	4.3096	6.3696
Ho-161	1.0803	0.9771	1.0955	1.0347	1.0201	0.7355	0.9490	0.9871
Ho-162	0.9444	0.8513	0.9356	0.8899	0.9189	0.6618	0.8010	0.9413

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ho-162m	2.2629	1.9955	2.1668	2.0909	2.2649	1.8073	1.9904	2.6580
Ho-163	0.0084	0.0057	0.0091	0.0075	0.0059	0.0034	0.0063	0.0077
Ho-164	0.5096	0.4605	0.5145	0.4851	0.4875	0.3414	0.4229	0.4663
Ho-164m	1.0402	0.8814	1.0698	0.9736	0.9207	0.6304	0.8529	0.9348
Ho-166	0.2264	0.1937	0.2198	0.2024	0.2107	0.1469	0.1911	0.2451
Ho-166m	5.1561	4.6113	4.7231	4.6970	5.4134	4.7575	4.9596	7.2697
Ho-167	2.0011	1.7375	1.8103	1.7095	2.0086	1.6802	1.6917	2.2451
Ho-168	1.9581	1.7438	1.7534	1.7961	2.0700	1.8866	2.0438	3.1916
Ho-168m	0.2288	0.1792	0.2401	0.2104	0.1867	0.1209	0.1797	0.2072
Ho-170	4.3438	3.8531	3.9479	3.9662	4.5481	4.0168	4.2899	6.2705
I-118m	6.2579	5.5823	5.5688	5.6706	6.6727	6.1155	6.6159	10.0633
I-118	2.1470	1.9124	1.9190	1.9438	2.2887	2.0917	2.2715	3.4651
I-119	2.0379	1.7911	1.9696	1.7997	2.0783	1.8035	1.9080	2.2552
I-120	2.5249	2.2193	2.2626	2.2893	2.6904	2.4365	2.6733	4.1467
I-120m	5.4215	4.8278	4.8476	4.9058	5.7639	5.2512	5.7296	8.6657
I-121	2.0727	1.9347	2.0564	1.9891	2.1556	1.8299	1.9715	2.2931
I-122	0.4708	0.4263	0.4330	0.4322	0.4822	0.4299	0.5110	0.6591
I-123	1.8850	1.6967	1.7278	1.6974	1.8906	1.5021	1.7228	1.8344
I-124	1.8585	1.6739	1.7127	1.7175	1.9362	1.7441	2.0430	2.8042
I-125	1.0011	0.9530	1.0107	0.9841	0.9240	0.7593	1.2223	0.8905
I-126	1.4602	1.3239	1.3318	1.3224	1.4930	1.3344	1.5173	1.9751
I-128	0.2646	0.2391	0.2383	0.2349	0.2671	0.2349	0.2634	0.3321
I-129	0.5286	0.5027	0.5341	0.5196	0.4963	0.3954	0.6645	0.4718
I-130m	0.4291	0.3814	0.4023	0.3917	0.4211	0.3607	0.4561	0.5407
I-130	5.1202	4.5838	4.5459	4.6140	5.4251	4.9872	5.3737	8.1028
I-131	1.5239	1.4294	1.5192	1.5438	1.6066	1.6002	1.6524	1.6259
I-132	4.4362	3.9600	3.9255	4.0476	4.7682	4.4615	4.7969	7.5573
I-132m	1.1810	1.0592	1.1043	1.0944	1.2077	1.0488	1.2273	1.6353
I-133	1.6496	1.4680	1.4588	1.4617	1.7189	1.5424	1.6750	2.4056
I-134m	2.0196	1.7909	1.9484	1.8028	2.0206	1.7142	1.9558	2.1079
I-134	4.4953	3.9967	3.9174	4.1196	4.8329	4.5603	4.8970	7.7552
I-135	1.9077	1.6589	1.6615	1.7237	2.0742	1.9087	1.9992	3.3607
In-103	3.0948	2.7714	2.8088	2.8690	3.3388	3.0043	3.0771	4.8201
In-105	2.6710	2.4458	2.4683	2.4552	2.8556	2.5003	2.7679	3.8065
In-106	5.3199	4.7467	4.6911	4.8869	5.6972	5.3334	5.7730	8.8914
In-106m	2.3854	2.1001	2.1449	2.1852	2.5778	2.3812	2.5631	4.1689
In-107	2.4895	2.2457	2.3265	2.3157	2.6325	2.3036	2.3830	3.4104
In-108	6.8324	6.0618	6.1102	6.2485	7.2972	6.7323	7.2049	10.9876
In-108m	2.4317	2.1401	2.1985	2.2364	2.6067	2.3843	2.5903	4.1439
In-109	2.4473	2.2792	2.3683	2.3425	2.5887	2.2130	2.2888	2.9807

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
In-109m	1.4326	1.2914	1.2970	1.3144	1.5380	1.4239	1.5539	2.3682
In-110	6.2737	5.6282	5.5654	5.8012	6.6912	6.2598	6.8597	10.3851
In-110m	1.8616	1.6744	1.6934	1.7172	1.9856	1.8209	2.0019	3.0070
In-111	3.4736	3.1227	3.3474	3.1502	3.5930	2.9763	2.9823	3.5083
In-111m	1.4423	1.2897	1.2881	1.2819	1.4920	1.3285	1.4622	2.0280
In-112	0.2681	0.2505	0.2604	0.2568	0.2667	0.2248	0.2778	0.2907
In-112m	0.5837	0.5430	0.5631	0.5510	0.5671	0.4558	0.5681	0.5187
In-113m	1.2196	1.1049	1.1007	1.0738	1.2254	1.0714	1.1395	1.4297
In-114	0.0055	0.0050	0.0051	0.0052	0.0057	0.0049	0.0057	0.0072
In-114m	0.5968	0.5573	0.5842	0.5741	0.6049	0.5061	0.5720	0.6400
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	1.0041	0.8797	0.9126	0.8673	0.9942	0.8388	0.8917	1.0687
In-116m	3.0829	2.6939	2.6609	2.7729	3.3442	3.0709	3.2005	5.3665
In-117	2.9388	2.6061	2.6025	2.5839	3.0564	2.5785	2.6773	3.6572
In-117m	0.7058	0.6165	0.6367	0.6103	0.7074	0.5761	0.5973	0.7149
In-118m	3.9172	3.4474	3.3734	3.5645	4.2577	3.9699	4.1841	6.9108
In-118	0.0951	0.0828	0.0811	0.0851	0.1039	0.0953	0.0985	0.1700
In-119	1.6373	1.4662	1.4563	1.5100	1.7428	1.6415	1.7904	2.7959
In-119m	0.1750	0.1539	0.1609	0.1597	0.1755	0.1519	0.1733	0.2268
In-121	1.6206	1.4338	1.4016	1.4937	1.7401	1.6648	1.7851	2.7984
In-121m	0.4495	0.4244	0.4272	0.4153	0.4333	0.3676	0.4613	0.4509
Ir-180	3.7019	3.2766	3.4112	3.2696	3.7765	3.2466	3.5706	4.8332
Ir-182	3.4653	3.0742	3.2369	3.0607	3.5195	2.9659	3.2815	4.3017
Ir-183	3.3488	2.8869	3.0949	2.9091	3.2948	2.7471	3.0396	4.2701
Ir-184	5.3110	4.6572	4.8977	4.6772	5.3934	4.6261	5.0310	6.9725
Ir-185	2.9999	2.5260	2.8466	2.6035	2.8387	2.2599	2.6188	3.5664
Ir-186	5.1279	4.4875	4.6728	4.4613	5.1818	4.3968	4.7727	6.5697
Ir-186m	2.8650	2.5173	2.5985	2.5419	2.9248	2.5403	2.8246	4.0953
Ir-187	1.9790	1.6847	1.8385	1.6922	1.8485	1.4805	1.7248	2.2637
Ir-188	3.5017	3.0060	3.1554	3.0698	3.5594	3.0577	3.2939	5.0624
Ir-189	1.2870	1.0679	1.2383	1.0848	1.1392	0.8499	1.0406	1.2647
Ir-190	5.9718	5.3047	5.4536	5.2800	6.0795	5.2287	5.5278	7.6456
Ir-190m	0.2857	0.1945	0.3086	0.2542	0.2010	0.1167	0.2146	0.2619
Ir-190n	0.9814	0.8317	0.9310	0.8234	0.8784	0.6563	0.8058	0.9614
Ir-191m	1.3269	1.1394	1.2984	1.1582	1.2029	0.8744	1.1708	1.3336
Ir-192	3.7713	3.2349	3.3578	3.1706	3.8110	3.2503	3.2640	4.4510
Ir-192m	0.3159	0.2197	0.3401	0.2828	0.2236	0.1338	0.2384	0.2883
Ir-192n	0.6611	0.4615	0.7105	0.5915	0.4699	0.2826	0.4995	0.6040
Ir-193m	0.2855	0.1956	0.3074	0.2538	0.2020	0.1184	0.2148	0.2620
Ir-194	0.3424	0.2921	0.3028	0.2876	0.3481	0.2992	0.2975	0.4187

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ir-194m	8.0093	7.0425	7.1292	6.9612	8.2318	7.2289	7.6120	10.7584
Ir-195	1.0034	0.8556	0.9631	0.8645	0.9177	0.6588	0.8358	1.0547
Ir-195m	2.1212	1.8467	1.9545	1.8339	2.0939	1.7187	1.8645	2.4864
Ir-196	0.6888	0.6033	0.6060	0.5965	0.7099	0.6311	0.6497	0.9461
Ir-196m	8.5557	7.5959	7.6536	7.4980	8.7616	7.6937	8.1797	11.4696
K-38	1.3074	1.0763	1.1529	1.1841	1.4215	1.3259	1.3246	2.5869
K-40	0.1490	0.1272	0.1334	0.1351	0.1643	0.1478	0.1586	0.2779
K-42	0.2512	0.2150	0.2269	0.2289	0.2800	0.2530	0.2725	0.4753
K-43	3.1010	2.7652	2.7748	2.7323	3.2253	2.8836	3.0079	4.2989
K-44	2.0942	1.7986	1.8066	1.9029	2.2934	2.1334	2.2199	3.9103
K-45	2.4980	2.1870	2.2609	2.2777	2.7092	2.3498	2.3471	3.7956
K-46	2.0289	1.7316	1.7558	1.8271	2.2522	2.0587	2.1260	3.9337
Kr-74	2.0364	1.8448	1.9540	1.8500	2.0816	1.6504	1.8015	2.3376
Kr-75	1.7865	1.6859	1.6875	1.6389	1.8828	1.4899	1.7612	2.0347
Kr-76	2.7260	2.3268	2.5779	2.3854	2.6193	2.1479	2.3183	2.9668
Kr-77	1.8678	1.8103	1.7933	1.7273	1.9818	1.5470	1.9081	2.0123
Kr-79	1.1632	0.9783	1.1368	1.0435	1.0670	0.8725	1.0045	1.2899
Kr-81	0.4810	0.3728	0.5092	0.4450	0.3543	0.2435	0.3719	0.4267
Kr-81m	1.1706	1.0848	1.1573	1.1292	1.2277	1.0047	0.9468	1.2615
Kr-83m	0.2178	0.1657	0.2314	0.2005	0.1602	0.1069	0.1674	0.1919
Kr-85	0.0070	0.0062	0.0062	0.0061	0.0072	0.0064	0.0069	0.0096
Kr-85m	1.3747	1.2293	1.2365	1.1988	1.4253	1.1222	1.1510	1.4069
Kr-87	1.2460	1.1021	1.0991	1.1011	1.3077	1.1783	1.2127	1.8476
Kr-88	1.9564	1.7030	1.7804	1.8091	2.1280	1.9087	1.9223	3.2714
Kr-89	2.5217	2.2153	2.2613	2.2918	2.7132	2.4685	2.5741	4.1301
La-128	4.8646	4.2626	4.3625	4.2985	5.0818	4.5491	4.8108	6.9215
La-129	1.8019	1.6235	1.6985	1.6210	1.8429	1.5480	1.8001	2.1208
La-130	3.4879	3.0692	3.0871	3.0797	3.6221	3.2349	3.4685	4.9762
La-131	2.2480	2.0526	2.1172	2.0478	2.2853	1.9008	2.3066	2.6427
La-132	3.0227	2.6847	2.7075	2.7180	3.1358	2.8006	3.1521	4.4261
La-132m	2.4595	2.2631	2.2837	2.2477	2.5497	2.1594	2.5780	3.0920
La-133	0.7916	0.7063	0.7864	0.7452	0.7367	0.5861	0.9159	0.8073
La-134	0.3063	0.2819	0.2976	0.2919	0.3002	0.2506	0.3756	0.3602
La-135	0.5602	0.5249	0.5638	0.5454	0.5231	0.4129	0.7284	0.5208
La-136	0.3901	0.3642	0.3886	0.3791	0.3693	0.2977	0.5045	0.3952
La-137	0.5135	0.4817	0.5206	0.5025	0.4758	0.3720	0.6756	0.4638
La-138	1.6848	1.4853	1.5203	1.5515	1.8059	1.6325	1.8830	2.8697
La-140	3.1501	2.7391	2.8133	2.8266	3.3824	3.0581	3.2798	5.2185
La-141	0.0262	0.0226	0.0228	0.0236	0.0291	0.0264	0.0275	0.0490
La-142	2.1492	1.8554	1.9001	1.9594	2.3485	2.1715	2.2849	3.9440

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
La-143	0.3134	0.2736	0.2757	0.2850	0.3397	0.3151	0.3336	0.5572
Lu-165	3.0813	2.7906	2.9233	2.8142	3.1307	2.5504	2.8705	3.7429
Lu-167	3.5796	3.1432	3.3555	3.2524	3.6301	3.0736	3.3964	4.8069
Lu-169m	0.2113	0.1425	0.2285	0.1875	0.1483	0.0850	0.1584	0.1941
Lu-169	3.1818	2.8195	2.9572	2.9212	3.2459	2.7418	3.0041	4.3357
Lu-170	3.2096	2.7734	2.9101	2.9176	3.3354	2.8933	3.1540	5.0543
Lu-171m	0.2257	0.1533	0.2434	0.2002	0.1596	0.0922	0.1696	0.2077
Lu-171	2.8302	2.4734	2.6963	2.5836	2.7426	2.2368	2.6278	3.5484
Lu-172	4.6634	4.1132	4.2359	4.2568	4.7929	4.1749	4.5689	6.7339
Lu-172m	0.1900	0.1281	0.2055	0.1686	0.1333	0.0764	0.1424	0.1746
Lu-173	2.0858	1.8545	2.0290	1.8794	1.9947	1.5118	1.7406	2.0656
Lu-174	0.9917	0.8627	0.9732	0.8989	0.9093	0.6672	0.8245	0.9910
Lu-174m	1.2300	1.0147	1.2374	1.1008	1.0600	0.7439	0.9866	1.1476
Lu-176	3.4472	3.0345	3.2793	3.0799	3.5083	2.8692	2.8275	3.7778
Lu-176m	0.2851	0.2376	0.2823	0.2529	0.2558	0.1735	0.2345	0.3000
Lu-177	0.3347	0.3112	0.3355	0.3183	0.3479	0.2756	0.2945	0.3712
Lu-177m	7.1681	6.4641	6.8355	6.4557	7.3103	5.9773	6.2087	7.8630
Lu-178	0.3102	0.2665	0.2938	0.2802	0.3095	0.2432	0.2835	0.4268
Lu-178m	6.2577	5.5772	5.7989	5.5173	6.3881	5.2382	5.4055	7.2738
Lu-179	0.2116	0.1966	0.2112	0.2015	0.2266	0.1909	0.1808	0.2371
Lu-180	3.1998	2.8182	2.8794	2.8656	3.3467	2.9214	3.0571	4.6308
Lu-181	2.4179	2.1222	2.2864	2.1917	2.4238	2.0314	2.2518	3.1116
Mg-27	1.4933	1.3259	1.2803	1.3809	1.6121	1.5542	1.6685	2.6868
Mg-28	2.3909	2.1479	2.1271	2.1854	2.5198	2.2844	2.6256	3.6827
Mn-50m	4.8108	4.2262	4.1701	4.3898	5.2527	4.9195	5.2134	8.7423
Mn-51	0.0126	0.0101	0.0120	0.0114	0.0117	0.0098	0.0120	0.0183
Mn-52	4.4501	3.8916	3.9021	4.0741	4.8061	4.4876	4.8348	7.9662
Mn-52m	1.3717	1.1799	1.2134	1.2399	1.5243	1.3792	1.4580	2.5675
Mn-53	0.1708	0.1151	0.1847	0.1515	0.1198	0.0686	0.1280	0.1569
Mn-54	1.6608	1.4434	1.4722	1.5251	1.7297	1.6211	1.7899	2.8605
Mn-56	2.0503	1.7924	1.7853	1.8844	2.2184	2.1193	2.2457	3.8037
Mn-57	0.6711	0.5782	0.6719	0.6189	0.6314	0.4765	0.6278	0.7477
Mn-58m	3.2835	2.8875	2.8545	2.9749	3.5614	3.3205	3.5045	5.8421
Mo-101	2.5624	2.2645	2.3022	2.3393	2.7291	2.4514	2.5888	4.0344
Mo-102	0.1497	0.1388	0.1442	0.1390	0.1602	0.1310	0.1286	0.1604
Mo-89	0.3215	0.2836	0.2832	0.2945	0.3495	0.3217	0.3403	0.5522
Mo-90	3.5271	3.2577	3.4347	3.2377	3.7472	3.0201	3.2547	3.6057
Mo-91m	1.3886	1.2282	1.2413	1.2687	1.5142	1.3840	1.4821	2.3931
Mo-91	0.0476	0.0432	0.0469	0.0458	0.0512	0.0381	0.0401	0.0409
Mo-93	0.5423	0.5052	0.5521	0.5311	0.5752	0.3928	0.4105	0.2552

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Mo-93m	3.9909	3.5039	3.6591	3.6042	4.3020	3.8613	4.0594	6.2412
Mo-99	0.4587	0.4192	0.4179	0.4234	0.4924	0.4324	0.4557	0.6522
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	0.8480	0.7052	0.7572	0.8353	0.9942	0.8929	0.9615	1.9912
Na-22	1.3827	1.1988	1.1752	1.2314	1.5326	1.3918	1.4179	2.5547
Na-24	2.6327	2.2197	2.2879	2.3757	2.9567	2.6745	2.7602	5.1676
Nb-87	2.2367	2.1408	2.2464	2.1951	2.4351	1.9584	1.9029	2.2706
Nb-88m	5.4214	4.7910	4.7317	4.9029	5.7731	5.3432	5.6621	8.7784
Nb-88	6.6044	5.8581	5.7975	5.9666	7.0212	6.3610	6.7688	10.1008
Nb-89	0.5782	0.5019	0.5268	0.5343	0.6292	0.5434	0.5704	0.9036
Nb-89m	1.5446	1.3767	1.3770	1.3683	1.5970	1.3966	1.5152	2.0658
Nb-90	4.2645	3.7670	3.8199	3.9065	4.6408	4.0397	4.2671	6.6207
Nb-91	0.5563	0.5137	0.5678	0.5435	0.5818	0.3976	0.4157	0.2675
Nb-91m	0.4961	0.4600	0.5004	0.4834	0.5265	0.3670	0.3851	0.2794
Nb-92	3.5815	3.2034	3.2034	3.2951	3.7966	3.4052	3.6785	5.2398
Nb-92m	2.0656	1.8486	1.8524	1.9452	2.2088	1.9713	2.1147	2.9748
Nb-93m	0.1086	0.0981	0.1113	0.1053	0.1110	0.0749	0.0821	0.0564
Nb-94m	0.3792	0.3518	0.3852	0.3705	0.4007	0.2756	0.2897	0.1907
Nb-94	2.9526	2.6384	2.5832	2.7187	3.1861	3.0369	3.2684	5.2167
Nb-95	1.4928	1.3369	1.3080	1.3712	1.6132	1.5421	1.6502	2.6754
Nb-95m	0.7927	0.7237	0.7971	0.7471	0.8394	0.6534	0.6425	0.6378
Nb-96	4.7850	4.2565	4.1874	4.3379	5.1169	4.7702	5.0825	7.9673
Nb-97	1.5003	1.3496	1.3511	1.3747	1.6159	1.5027	1.6297	2.5212
Nb-98m	4.5954	4.0689	4.0345	4.1906	4.9641	4.6621	4.9538	8.0739
Nb-99	2.0458	1.9895	1.9823	1.9354	2.2235	1.6521	1.9583	2.1466
Nb-99m	0.9651	0.8471	0.8725	0.8751	1.0390	0.9128	0.9586	1.5153
Nd-134	2.3658	2.1356	2.2107	2.1494	2.4537	1.9563	2.1119	2.5189
Nd-135	2.8724	2.6290	2.7564	2.6809	2.9982	2.4910	2.6632	3.3551
Nd-136	1.7780	1.6668	1.7453	1.7005	1.8437	1.4047	1.7965	1.9546
Nd-137	2.4149	2.1718	2.2212	2.2019	2.5168	2.1413	2.4622	3.2541
Nd-138	0.6337	0.5887	0.6346	0.6108	0.6318	0.4691	0.6538	0.5710
Nd-139	0.7673	0.7040	0.7322	0.7229	0.7844	0.6372	0.7976	0.8942
Nd-139m	3.8561	3.5265	3.5380	3.6127	4.1076	3.6066	4.1566	5.7879
Nd-140	0.5389	0.5042	0.5470	0.5272	0.5341	0.3883	0.5708	0.4679
Nd-141	0.5636	0.5262	0.5674	0.5495	0.5621	0.4145	0.5972	0.5136
Nd-141m	1.4135	1.2680	1.2478	1.3007	1.5235	1.4420	1.5549	2.4779
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	0.9411	0.8741	0.8943	0.8725	0.9905	0.7505	0.8799	1.1063
Nd-149	2.1442	1.9625	2.0539	1.9669	2.2612	1.8691	1.9522	2.4925
Nd-151	2.5012	2.2977	2.3137	2.2933	2.6803	2.2795	2.5110	3.4390

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Nd-152	1.0618	0.9138	1.0212	0.9225	1.0784	0.9048	0.9070	1.1153
Ne-19	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0003
Ne-24	1.7303	1.5435	1.5239	1.5149	1.7773	1.5804	1.6934	2.3446
Ni-56	5.1807	4.5066	4.6421	4.5971	5.3664	4.6687	4.8910	7.1837
Ni-57	1.7489	1.5088	1.5912	1.5872	1.8673	1.6309	1.8123	2.9718
Ni-59	0.2961	0.1996	0.3203	0.2627	0.2077	0.1190	0.2220	0.2721
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.6420	0.5563	0.5622	0.5799	0.7017	0.6415	0.6782	1.1397
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	4.5577	4.0534	4.2513	4.1639	4.6987	3.8866	4.2696	5.9606
Np-233	1.3293	1.2389	1.3397	1.2822	1.3723	0.9619	1.1859	1.5034
Np-234	2.4415	2.1817	2.3499	2.2982	2.5579	2.0354	2.3531	3.4195
Np-235	0.4279	0.3530	0.4474	0.4031	0.3692	0.2480	0.3300	0.3158
Np-236	2.8688	2.5661	2.8595	2.7076	2.8327	2.0029	2.3757	2.7239
Np-236m	0.7405	0.6859	0.7487	0.7151	0.7567	0.5298	0.6570	0.8170
Np-237	0.9309	0.8206	0.9420	0.8776	0.8703	0.6107	0.8002	0.8092
Np-238	1.2298	1.0758	1.1092	1.1526	1.2649	1.1267	1.2606	1.7938
Np-239	2.1935	2.0055	2.2058	2.0769	2.2405	1.6569	1.9444	2.3438
Np-240	3.7003	3.3040	3.4699	3.4345	3.7954	3.1706	3.5440	4.7446
Np-240m	1.0638	0.9361	0.9979	0.9730	1.0773	0.9109	1.0199	1.3614
Np-241	0.5253	0.4906	0.5286	0.5067	0.5423	0.3902	0.4743	0.5654
Np-242	0.3932	0.3439	0.3542	0.3620	0.4176	0.3792	0.4100	0.6538
Np-242m	3.1164	2.7480	2.9130	2.8852	3.1789	2.6823	2.9639	4.0257
O-14	1.2888	1.0604	1.1346	1.1664	1.4328	1.3134	1.3077	2.5552
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	2.2490	2.0782	2.1558	2.1564	2.4790	2.1276	2.0256	3.1016
Os-180	1.4637	1.2259	1.4076	1.2583	1.3115	0.9843	1.2092	1.4685
Os-181	4.1884	3.6641	3.8889	3.7130	4.2227	3.6092	3.9333	5.5168
Os-182	2.7835	2.4207	2.6099	2.4389	2.7035	2.1838	2.4234	3.1176
Os-183	3.8273	3.3729	3.5200	3.2947	3.7295	3.0424	3.3546	4.3092
Os-183m	2.2184	1.9181	1.9738	1.9615	2.2303	1.9455	2.1608	3.2099
Os-185	2.2865	2.0095	2.0971	2.0287	2.3010	2.0017	2.2473	3.2329
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	0.2748	0.1865	0.2970	0.2443	0.1932	0.1118	0.2063	0.2521
Os-190m	6.2801	5.5372	5.7432	5.5760	6.4033	5.5099	5.8219	8.1040
Os-191	1.4070	1.2192	1.3701	1.2266	1.2889	0.9430	1.2500	1.4203
Os-191m	0.3555	0.2587	0.3694	0.3097	0.2691	0.1716	0.2729	0.3322
Os-193	0.5063	0.4373	0.4729	0.4357	0.4839	0.3802	0.4426	0.5599
Os-194	0.2711	0.1975	0.2895	0.2457	0.2044	0.1257	0.2077	0.2454
Os-196	0.5240	0.4706	0.4887	0.4568	0.5240	0.4290	0.4759	0.5945

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
P-30	0.0010	0.0008	0.0009	0.0009	0.0011	0.0010	0.0010	0.0019
P-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pa-227	0.4986	0.4412	0.4980	0.4614	0.4738	0.3320	0.4155	0.4750
Pa-228	4.5875	4.0792	4.2976	4.2208	4.6830	3.8434	4.3352	6.0040
Pa-229	1.1334	1.0369	1.1311	1.0728	1.1397	0.7862	0.9838	1.2415
Pa-230	2.5351	2.2729	2.3823	2.3578	2.5887	2.0923	2.4147	3.3166
Pa-231	0.9256	0.7686	0.9420	0.8521	0.8170	0.5859	0.7521	0.7832
Pa-232	2.5592	2.2674	2.3236	2.3539	2.6335	2.3014	2.5417	3.5682
Pa-233	1.9739	1.7256	1.8889	1.7670	1.9570	1.4929	1.6522	2.0642
Pa-234	4.6860	4.2103	4.3945	4.3593	4.8609	4.0871	4.5730	6.3081
Pa-234m	0.0381	0.0338	0.0350	0.0356	0.0397	0.0343	0.0385	0.0561
Pa-235	0.0998	0.0674	0.1079	0.0886	0.0701	0.0402	0.0749	0.0917
Pa-236	1.7880	1.5738	1.6595	1.6491	1.8639	1.6249	1.7924	2.6823
Pa-237	1.3617	1.1988	1.2051	1.2352	1.4232	1.3073	1.4297	2.1811
Pb-194	3.4273	3.0305	3.1316	3.0230	3.4979	2.8821	3.1778	4.5676
Pb-195m	5.4585	4.7948	4.9051	4.7730	5.4718	4.6828	5.1136	7.2185
Pb-196	3.0730	2.7020	2.8385	2.6497	3.0623	2.4511	2.7106	3.5816
Pb-197	3.4549	3.0325	3.0650	3.0160	3.5359	3.0227	3.2873	4.9155
Pb-197m	4.6051	4.0602	4.1867	4.0329	4.6241	3.8878	4.2276	5.8871
Pb-198	2.9767	2.5951	2.7231	2.5399	2.9482	2.3398	2.5518	3.3869
Pb-199	2.8332	2.4738	2.5289	2.4458	2.8664	2.3869	2.6189	3.8117
Pb-200	2.3728	2.0871	2.1996	2.0374	2.3157	1.7243	2.0248	2.5386
Pb-201	3.3159	2.8693	2.9515	2.8108	3.3115	2.7208	2.9306	4.0928
Pb-201m	1.2246	1.0912	1.1182	1.0925	1.2628	1.0762	1.2239	1.7902
Pb-202	0.2733	0.1902	0.2942	0.2448	0.1935	0.1158	0.2062	0.2491
Pb-202m	4.7603	4.2356	4.1870	4.2828	4.9648	4.5425	4.8927	7.2814
Pb-203	2.5511	2.1989	2.3677	2.1476	2.5158	1.9912	2.1489	2.7732
Pb-204m	4.4220	3.9144	3.8309	3.9785	4.6546	4.3259	4.5839	6.9825
Pb-205	0.2766	0.1925	0.2978	0.2477	0.1959	0.1172	0.2087	0.2521
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	0.3088	0.2384	0.3270	0.2853	0.2376	0.1567	0.2381	0.2686
Pb-211	0.1806	0.1616	0.1594	0.1604	0.1873	0.1688	0.1796	0.2636
Pb-212	1.2412	1.1004	1.1896	1.0874	1.2637	1.0086	1.0625	1.3623
Pb-214	1.5040	1.2995	1.3696	1.2759	1.5000	1.2320	1.2809	1.7031
Pd-100	1.9464	1.8699	1.8172	1.7688	2.0444	1.4696	1.7556	1.8506
Pd-101	1.7329	1.5812	1.6618	1.6078	1.7687	1.4236	1.5696	1.6896
Pd-103	0.4874	0.4645	0.4932	0.4800	0.4889	0.3550	0.4252	0.3067
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.0345	0.9725	1.0157	0.9994	1.1046	0.8971	0.8582	1.0638

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pd-109	0.2872	0.2709	0.2872	0.2781	0.2798	0.2119	0.2734	0.2364
Pd-111	0.1036	0.0925	0.0922	0.0926	0.1096	0.0980	0.1054	0.1566
Pd-112	0.2208	0.2044	0.2251	0.2156	0.2249	0.1555	0.1757	0.1222
Pd-114	0.1929	0.1828	0.1884	0.1780	0.2059	0.1702	0.1866	0.2112
Pd-96	3.0736	2.8902	2.8435	2.8708	3.3065	2.8663	3.3160	4.3516
Pd-97	3.0271	2.6438	2.7617	2.7081	3.1994	2.8562	2.9654	4.4028
Pd-98	2.1351	2.0520	2.0713	2.0482	2.2866	1.7922	2.1135	2.5128
Pd-99	2.4545	2.2848	2.2949	2.2552	2.6178	2.1851	2.4591	3.0589
Pm-136	4.7122	4.1821	4.1598	4.1887	4.9365	4.4920	4.7247	6.9991
Pm-137m	4.4953	4.0730	4.2000	4.0969	4.7276	3.9585	4.2356	5.6247
Pm-139	0.7540	0.6810	0.6940	0.6846	0.7782	0.6584	0.7346	0.9593
Pm-140m	4.8667	4.3439	4.2554	4.4210	5.1494	4.7696	5.1138	7.7188
Pm-140	0.2994	0.2678	0.2701	0.2753	0.3174	0.2796	0.3101	0.4505
Pm-141	0.5273	0.4781	0.5024	0.5000	0.5522	0.4489	0.5327	0.6753
Pm-142	0.1893	0.1725	0.1860	0.1816	0.1967	0.1531	0.1931	0.2232
Pm-143	1.1265	1.0302	1.0670	1.0670	1.1752	0.9856	1.1764	1.4916
Pm-144	4.2923	3.8725	3.9098	3.9294	4.5372	4.0613	4.5123	6.4732
Pm-145	0.5759	0.5345	0.5822	0.5582	0.5757	0.4102	0.5617	0.5014
Pm-146	2.3035	2.0774	2.0829	2.0871	2.3986	2.1188	2.3408	3.2413
Pm-147	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001
Pm-148	0.8613	0.7575	0.7606	0.7790	0.9278	0.8496	0.9158	1.4560
Pm-148m	5.0631	4.5233	4.5237	4.5603	5.3501	4.8664	5.2457	7.7620
Pm-149	0.0624	0.0531	0.0580	0.0531	0.0633	0.0539	0.0534	0.0701
Pm-150	2.7688	2.3962	2.4168	2.4179	2.9133	2.6113	2.6689	4.1599
Pm-151	1.7182	1.5328	1.5922	1.5313	1.7829	1.4741	1.5128	2.0076
Pm-152m	4.1479	3.7285	3.8734	3.7519	4.4081	3.8088	4.0539	5.5482
Pm-152	0.6854	0.6386	0.6355	0.6429	0.7404	0.6375	0.7352	1.0022
Pm-153	0.8218	0.7949	0.8096	0.7801	0.8658	0.6557	0.8436	0.8796
Pm-154	2.1774	1.8975	1.9246	1.9897	2.3396	2.1053	2.2393	3.6935
Pm-154m	3.7751	3.3570	3.4561	3.4250	4.0255	3.4657	3.6219	5.4236
Po-203	3.6804	3.2584	3.2956	3.3107	3.8210	3.2716	3.6127	5.4541
Po-204	4.9139	4.2999	4.5022	4.3211	4.8912	3.9533	4.5588	6.3235
Po-205	3.5342	3.1257	3.1351	3.1684	3.6777	3.1800	3.5600	5.4240
Po-206	4.3248	3.7597	3.9110	3.7929	4.3159	3.5859	4.0392	5.7028
Po-207	3.2182	2.8499	2.8384	2.8752	3.3300	2.8763	3.2239	4.8150
Po-208	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-209	0.0383	0.0307	0.0375	0.0337	0.0346	0.0265	0.0331	0.0443
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-211	0.0171	0.0153	0.0150	0.0156	0.0182	0.0170	0.0184	0.0281
Po-212m	0.0646	0.0554	0.0571	0.0581	0.0709	0.0637	0.0666	0.1141

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Po-212	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-214	0.0002	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	0.0003
Po-215	0.0007	0.0006	0.0006	0.0006	0.0007	0.0006	0.0006	0.0008
Po-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
Po-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-134	6.3289	5.6405	5.6617	5.6619	6.6312	5.9504	6.2482	9.0447
Pr-134m	2.8680	2.5476	2.5522	2.5585	2.9885	2.6884	2.8484	4.1755
Pr-135	1.7134	1.5449	1.6159	1.5549	1.7600	1.4459	1.6793	1.9942
Pr-136	3.1312	2.7807	2.7975	2.8198	3.2841	2.9390	3.2557	4.7064
Pr-137	0.5763	0.5310	0.5613	0.5500	0.5761	0.4579	0.6367	0.6223
Pr-138	0.1982	0.1828	0.1927	0.1902	0.2002	0.1626	0.2239	0.2328
Pr-138m	5.1147	4.4998	4.5239	4.6048	5.3698	4.8816	5.2743	7.7117
Pr-139	0.5179	0.4843	0.5228	0.5053	0.5072	0.3809	0.5895	0.4732
Pr-140	0.2756	0.2578	0.2783	0.2690	0.2698	0.2024	0.3139	0.2508
Pr-142	0.0498	0.0425	0.0456	0.0457	0.0557	0.0503	0.0550	0.0955
Pr-142m	0.0134	0.0091	0.0145	0.0119	0.0094	0.0054	0.0101	0.0123
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0332	0.0290	0.0296	0.0303	0.0361	0.0336	0.0355	0.0602
Pr-144m	0.2658	0.2350	0.2728	0.2551	0.2487	0.1758	0.2655	0.2357
Pr-145	0.0406	0.0365	0.0362	0.0373	0.0433	0.0391	0.0432	0.0641
Pr-146	1.6332	1.4398	1.4432	1.4576	1.7329	1.5696	1.6671	2.5855
Pr-147	2.0050	1.8225	1.8700	1.8273	2.0810	1.6813	1.9487	2.4287
Pr-148	2.0946	1.8005	1.8586	1.8168	2.1917	1.9444	1.9707	2.9758
Pr-148m	3.2215	2.7980	2.8833	2.7713	3.3179	2.9091	2.9615	4.1661
Pt-184	5.3050	4.6164	4.9460	4.5975	5.1485	4.0820	4.5517	5.9379
Pt-186	2.8349	2.4810	2.6072	2.4782	2.8144	2.3747	2.6589	3.7305
Pt-187	3.2376	2.8213	3.0182	2.8062	3.1482	2.5233	2.8524	3.7957
Pt-188	2.1744	1.8943	2.0651	1.8980	2.0753	1.6137	1.7917	2.2838
Pt-189	2.9391	2.5390	2.7364	2.5236	2.8186	2.2427	2.5892	3.4321
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	2.5317	2.1859	2.3423	2.1370	2.3863	1.8606	2.1602	2.7556
Pt-193	0.2917	0.2014	0.3144	0.2606	0.2061	0.1220	0.2198	0.2665
Pt-193m	0.4652	0.3500	0.4745	0.4034	0.3650	0.2382	0.3625	0.4446
Pt-195m	1.6171	1.3279	1.5837	1.3962	1.4086	0.9804	1.3279	1.6489
Pt-197	0.4729	0.3906	0.4582	0.4103	0.4224	0.2903	0.3837	0.4947
Pt-197m	1.1684	0.9467	1.1271	0.9933	1.0159	0.7397	0.9419	1.1803
Pt-199	0.7711	0.6791	0.7013	0.6799	0.7871	0.6757	0.7188	0.9989
Pt-200	0.8336	0.7096	0.7956	0.7179	0.7744	0.5639	0.6967	0.8725
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pu-232	0.9852	0.9261	1.0010	0.9597	1.0222	0.7148	0.8921	1.1042
Pu-234	1.1190	1.0460	1.1385	1.0884	1.1521	0.8044	1.0060	1.2321
Pu-235	1.4923	1.3852	1.5183	1.4484	1.5215	1.0655	1.3318	1.6089
Pu-236	0.1308	0.1108	0.1361	0.1243	0.1166	0.0793	0.1009	0.0907
Pu-237	1.0297	0.9387	1.0509	0.9916	1.0224	0.7118	0.8955	1.0402
Pu-238	0.1207	0.1022	0.1256	0.1147	0.1075	0.0731	0.0931	0.0837
Pu-239	0.0709	0.0567	0.0746	0.0661	0.0595	0.0390	0.0544	0.0539
Pu-240	0.1136	0.0962	0.1182	0.1079	0.1012	0.0688	0.0876	0.0787
Pu-241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pu-242	0.0975	0.0825	0.1014	0.0926	0.0868	0.0590	0.0752	0.0676
Pu-243	0.3836	0.3520	0.3594	0.3421	0.3923	0.2712	0.3303	0.4089
Pu-244	0.1110	0.0951	0.1110	0.1039	0.1042	0.0779	0.0928	0.1031
Pu-245	1.6276	1.4560	1.4989	1.4621	1.6867	1.4080	1.5331	2.0781
Pu-246	1.7557	1.6377	1.7693	1.6873	1.8199	1.3657	1.5567	1.7877
Ra-219	1.0653	0.9131	0.9552	0.8941	1.0701	0.8572	0.8826	1.2010
Ra-220	0.0165	0.0148	0.0146	0.0144	0.0169	0.0148	0.0159	0.0216
Ra-221	0.6106	0.5315	0.5930	0.5541	0.5828	0.4188	0.5050	0.6052
Ra-222	0.0499	0.0422	0.0440	0.0411	0.0500	0.0418	0.0409	0.0556
Ra-223	1.3959	1.2341	1.3117	1.2251	1.3965	1.0381	1.1934	1.5507
Ra-224	0.0753	0.0665	0.0744	0.0672	0.0781	0.0660	0.0647	0.0806
Ra-225	0.3430	0.3112	0.3512	0.3328	0.3403	0.2342	0.2780	0.2673
Ra-226	1.2239	1.1057	1.2247	1.2411	1.3214	1.3284	1.3578	1.3423
Ra-227	1.3664	1.1749	1.3364	1.2371	1.2949	1.0001	1.1783	1.3666
Ra-228	1.2241	1.1104	1.2219	1.2547	1.3186	1.3217	1.3561	1.3275
Ra-230	0.6949	0.6246	0.6648	0.6283	0.6976	0.5306	0.6021	0.7741
Rb-77	1.8353	1.6583	1.6409	1.6156	1.9036	1.6406	1.7065	2.3998
Rb-78m	3.7329	3.3004	3.3104	3.3575	3.9657	3.5951	3.8251	5.9900
Rb-78	2.7896	2.4136	2.4538	2.4990	2.9714	2.6956	2.8457	4.7273
Rb-79	2.5043	2.2610	2.3072	2.2652	2.5823	2.1760	2.3415	3.1218
Rb-80	0.4441	0.3986	0.4019	0.4048	0.4736	0.4348	0.4738	0.7183
Rb-81	1.0179	0.8873	0.9534	0.9159	0.9605	0.8165	0.9289	1.2207
Rb-81m	0.4114	0.3636	0.4170	0.3907	0.3567	0.2655	0.3322	0.3610
Rb-82	0.2624	0.2330	0.2330	0.2414	0.2773	0.2616	0.2831	0.4542
Rb-82m	5.2874	4.6815	4.7123	4.8281	5.5740	5.1403	5.5765	8.6816
Rb-83	1.9140	1.6726	1.7726	1.7179	1.8540	1.5945	1.8210	2.4511
Rb-84	1.3530	1.1825	1.2202	1.2583	1.3610	1.2591	1.4098	2.1460
Rb-84m	2.1790	1.9386	2.1060	1.9544	2.2416	1.9313	1.9209	2.4417
Rb-86m	1.5451	1.3800	1.3789	1.3765	1.6146	1.4510	1.5817	2.2731
Rb-86	0.1253	0.1098	0.1056	0.1154	0.1360	0.1295	0.1382	0.2255
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Rb-88	0.5569	0.4759	0.4892	0.5102	0.6044	0.5697	0.5992	1.0593
Rb-89	2.3932	2.0751	2.0505	2.1825	2.6130	2.4464	2.5648	4.3671
Rb-90	1.2774	1.1022	1.1020	1.1753	1.4020	1.3293	1.4029	2.5163
Rb-90m	2.9692	2.5792	2.5747	2.7172	3.2441	3.0556	3.2326	5.6074
Re-178	2.9795	2.5943	2.8105	2.6746	3.0149	2.5203	2.7645	3.9591
Re-179	3.9306	3.4264	3.6147	3.4203	3.9139	3.2924	3.5390	4.8000
Re-180	3.0329	2.6531	2.7688	2.7424	3.0471	2.6283	2.9915	4.3780
Re-181	3.6913	3.2021	3.3791	3.1929	3.6040	3.0027	3.2841	4.4057
Re-182	6.9579	6.0991	6.4963	6.1520	6.9976	5.7391	6.1544	8.4073
Re-182m	3.2675	2.8490	2.9699	2.8659	3.2613	2.6897	3.0042	4.3566
Re-183	2.2803	1.9377	2.1926	1.9846	2.0976	1.5594	1.8409	2.2446
Re-184	2.7167	2.3900	2.4846	2.4427	2.7283	2.3609	2.6802	3.8623
Re-184m	2.4246	2.0850	2.3201	2.1450	2.3270	1.8437	2.1156	2.7717
Re-186	0.2712	0.2453	0.2606	0.2408	0.2641	0.1994	0.2487	0.2760
Re-186m	0.9278	0.6804	0.9743	0.8230	0.7088	0.4483	0.7139	0.8587
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	0.3765	0.3281	0.3390	0.3272	0.3791	0.3010	0.3177	0.4163
Re-188m	1.3629	1.1331	1.3325	1.1755	1.2026	0.8616	1.1142	1.3698
Re-189	0.4463	0.3928	0.4367	0.4040	0.4473	0.3643	0.3766	0.4816
Re-190	4.5576	4.0937	4.1656	4.1073	4.7703	4.1983	4.3133	6.1553
Re-190m	3.6751	3.2679	3.3733	3.2666	3.7441	3.2044	3.4340	4.7224
Rh-100m	0.7875	0.7450	0.7777	0.7572	0.7933	0.5894	0.7227	0.6072
Rh-100	3.9677	3.4996	3.5659	3.6045	4.2301	3.7533	4.0142	6.1017
Rh-101	2.7849	2.7101	2.7659	2.6934	3.0061	2.3877	2.6043	2.8179
Rh-101m	1.9706	1.7170	1.8202	1.7089	1.9955	1.6180	1.6336	1.9230
Rh-102	1.3032	1.1796	1.1914	1.1795	1.3431	1.1395	1.2412	1.5590
Rh-102m	5.3238	4.7806	4.7593	4.8372	5.6169	5.0601	5.4635	7.8941
Rh-103m	0.0722	0.0632	0.0745	0.0692	0.0664	0.0461	0.0605	0.0513
Rh-104	0.0355	0.0318	0.0318	0.0318	0.0371	0.0329	0.0359	0.0506
Rh-104m	0.8378	0.8079	0.8346	0.8163	0.8449	0.6211	0.7262	0.6518
Rh-105	0.4184	0.3516	0.3688	0.3428	0.4203	0.3535	0.3398	0.4606
Rh-106	0.5345	0.4764	0.4744	0.4763	0.5596	0.5045	0.5486	0.7951
Rh-106m	5.6925	5.0561	5.0159	5.1197	6.0409	5.5352	5.9080	9.0277
Rh-107	1.6059	1.3700	1.4407	1.3409	1.6266	1.3860	1.3516	1.8126
Rh-108	1.0237	0.9187	0.9092	0.9015	1.0572	0.9450	1.0024	1.4013
Rh-109	1.6855	1.4704	1.5325	1.4443	1.7215	1.4448	1.4363	1.8723
Rh-94	3.4023	2.9713	2.9870	3.0787	3.7054	3.3991	3.6076	5.9841
Rh-95	2.3222	2.0421	2.0322	2.1400	2.5181	2.3352	2.4935	4.0257
Rh-95m	1.5424	1.3722	1.3730	1.3794	1.6170	1.4504	1.5757	2.3078
Rh-96	5.7496	5.1302	5.1059	5.2759	6.2033	5.7921	6.2235	9.8742

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Rh-96m	1.3636	1.2111	1.2192	1.2661	1.4626	1.3368	1.4431	2.2402
Rh-97	2.1255	1.9074	1.8986	1.9031	2.2106	1.9607	2.0655	2.9053
Rh-97m	3.0959	2.7613	2.8549	2.8724	3.3198	2.8866	2.9582	4.4494
Rh-98	1.7150	1.5353	1.5468	1.5728	1.8474	1.7046	1.8426	2.8665
Rh-99	2.6173	2.3779	2.4221	2.3650	2.7139	2.1912	2.3743	2.9312
Rh-99m	2.2675	2.0037	2.0614	1.9984	2.3313	1.9540	2.0190	2.6111
Rn-207	3.0565	2.7052	2.7391	2.6784	3.1412	2.6460	2.8745	4.1329
Rn-209	3.3463	2.9776	2.9999	2.9544	3.4506	2.9140	3.1888	4.6418
Rn-210	0.2347	0.2081	0.2148	0.2092	0.2388	0.1976	0.2211	0.3121
Rn-211	4.1987	3.7223	3.7606	3.7802	4.4092	3.8415	4.2135	6.4128
Rn-212	0.0007	0.0007	0.0007	0.0007	0.0008	0.0007	0.0008	0.0013
Rn-215	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0019	0.0017	0.0017	0.0017	0.0020	0.0019	0.0020	0.0030
Rn-219	0.3196	0.2798	0.2964	0.2743	0.3252	0.2776	0.2800	0.3623
Rn-220	1.3571	1.2538	1.3541	1.3833	1.4401	1.4453	1.4851	1.4423
Rn-222	0.0012	0.0011	0.0011	0.0011	0.0013	0.0011	0.0012	0.0017
Rn-223	1.5408	1.3503	1.4579	1.3993	1.5282	1.2237	1.4222	1.9298
Ru-103	1.5933	1.4173	1.4073	1.3954	1.6375	1.4464	1.5729	2.1658
Ru-105	2.1058	1.8841	1.8897	1.8882	2.2170	1.9932	2.1285	3.0742
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	0.8419	0.7570	0.7629	0.7693	0.8964	0.8021	0.8206	1.2207
Ru-108	0.6236	0.5621	0.5653	0.5559	0.6536	0.5066	0.5007	0.6230
Ru-92	6.1777	5.6708	5.9867	5.7267	6.5581	5.4368	5.6163	6.8330
Ru-94	2.1636	1.9366	1.9697	1.9343	2.2269	1.8805	1.9527	2.4561
Ru-95	2.9382	2.5790	2.6381	2.6051	3.0642	2.6441	2.7306	3.8069
Ru-97	2.0920	1.9344	2.0809	1.9879	2.2212	1.8021	1.7393	2.0268
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	1.1689	0.9594	0.9968	1.0627	1.3084	1.1945	1.2763	2.5396
S-38	1.1512	0.9534	1.0226	1.0458	1.2305	1.1618	1.1807	2.2649
Sb-111	2.3182	2.0753	2.0591	2.0617	2.4101	2.0359	2.1669	2.8946
Sb-113	1.9304	1.7183	1.7232	1.7033	1.9665	1.7232	1.9040	2.5309
Sb-114	2.2931	1.9988	1.9906	2.0650	2.4923	2.2762	2.3892	4.0252
Sb-115	1.9862	1.7870	1.7931	1.7739	2.0050	1.7567	2.0050	2.5402
Sb-116	2.0322	1.7798	1.7777	1.8519	2.1944	2.0051	2.1496	3.5323
Sb-116m	5.8524	5.2813	5.2246	5.3686	6.2004	5.5303	6.1369	8.9335
Sb-117	1.8617	1.6749	1.7001	1.6730	1.8716	1.4894	1.6294	1.7970
Sb-118	0.1942	0.1806	0.1866	0.1858	0.1894	0.1640	0.2130	0.2248
Sb-118m	5.5668	4.9415	5.0933	5.0727	5.8469	5.2399	5.6505	7.8866

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Sb-119	0.6406	0.6034	0.6483	0.6274	0.5869	0.4834	0.6976	0.5558
Sb-120	0.3250	0.3083	0.3234	0.3177	0.3046	0.2582	0.3633	0.3105
Sb-120m	5.6759	5.2010	5.1747	5.3417	6.0968	5.3186	5.7232	8.3710
Sb-122m	1.1301	1.0591	1.0583	1.0020	1.0814	0.8719	1.1215	1.0861
Sb-122	1.1960	1.0699	1.0690	1.0710	1.2559	1.1346	1.2384	1.7978
Sb-124	2.7533	2.4281	2.4756	2.5049	2.9676	2.7269	2.9431	4.7064
Sb-124m	1.1976	1.0642	1.0789	1.0753	1.2504	1.1265	1.2377	1.8114
Sb-124n	0.0469	0.0316	0.0507	0.0416	0.0329	0.0188	0.0351	0.0431
Sb-125	1.7213	1.5681	1.5844	1.5666	1.7546	1.5393	1.7758	2.2132
Sb-126	6.5684	5.8938	5.8503	5.9471	6.9858	6.4657	6.9159	10.5184
Sb-126m	3.9901	3.5875	3.5602	3.5923	4.2147	3.8706	4.1327	6.1723
Sb-127	1.8715	1.6718	1.6781	1.6761	1.9677	1.7947	1.9192	2.8096
Sb-128	7.2650	6.4387	6.4320	6.5164	7.7124	7.0991	7.5240	11.5661
Sb-128m	4.7313	4.1499	4.1643	4.1913	4.9920	4.5763	4.7662	7.3502
Sb-129	2.4446	2.1629	2.1384	2.2313	2.6245	2.4624	2.6298	4.1890
Sb-130m	5.1871	4.6320	4.5487	4.7754	5.5847	5.2327	5.5218	8.7531
Sb-130	7.6028	6.7373	6.7323	6.8515	8.0678	7.3556	7.6278	11.6836
Sb-131	3.0017	2.6378	2.6239	2.7396	3.2338	3.0253	3.2239	5.1905
Sb-133	3.1011	2.6935	2.6934	2.8157	3.3741	3.1344	3.2977	5.5545
Sc-42m	4.3680	3.8242	3.8353	3.8927	4.7032	4.2389	4.4528	7.2163
Sc-43	0.3790	0.3322	0.3366	0.3229	0.3807	0.3296	0.3340	0.4503
Sc-44	1.4387	1.2545	1.2168	1.3052	1.5737	1.4672	1.5350	2.6135
Sc-44m	1.5047	1.2880	1.4280	1.2838	1.5422	1.3299	1.2906	1.6490
Sc-46	2.9196	2.5732	2.4826	2.6851	3.1671	3.0226	3.2211	5.2757
Sc-47	1.0209	0.8953	0.8932	0.8817	1.0636	0.8281	0.7812	1.0185
Sc-48	4.4344	3.8851	3.7685	4.0711	4.8254	4.5502	4.8280	7.9425
Sc-49	0.0008	0.0007	0.0007	0.0007	0.0009	0.0008	0.0009	0.0016
Sc-50	4.2254	3.6892	3.7153	3.8161	4.5667	4.1661	4.4828	7.2250
Se-70	2.3093	1.9182	2.2822	2.0774	2.0831	1.5958	1.9642	2.4354
Se-71	1.5244	1.3681	1.3529	1.3744	1.6235	1.3972	1.5014	2.1555
Se-72	1.1799	0.9304	1.2425	1.0945	0.9610	0.6258	0.9273	1.0575
Se-73	2.4814	2.1479	2.2271	2.0788	2.4191	2.0006	2.1178	2.7939
Se-73m	0.3439	0.2836	0.3328	0.3030	0.3133	0.2460	0.2958	0.3888
Se-75	3.3083	2.8940	3.2322	2.9423	3.2630	2.5948	2.9833	3.5091
Se-77m	1.0365	0.8784	0.9607	0.9133	1.0053	0.7624	0.7959	1.0187
Se-79m	0.5254	0.4093	0.5524	0.4836	0.4182	0.2733	0.4176	0.5228
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0310	0.0268	0.0284	0.0267	0.0320	0.0282	0.0283	0.0390
Se-81m	0.5748	0.4594	0.6053	0.5356	0.4738	0.3140	0.4690	0.5880
Se-83m	1.4790	1.2924	1.2829	1.3401	1.5754	1.4725	1.5542	2.4712

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Se-83	5.1239	4.5087	4.5613	4.5671	5.4113	4.8846	5.0512	7.7171
Se-84	1.6479	1.4855	1.4591	1.4313	1.6773	1.4857	1.5315	2.0633
Si-31	0.0010	0.0008	0.0008	0.0009	0.0011	0.0010	0.0010	0.0018
Si-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-139	2.4439	2.1355	2.2416	2.1501	2.5354	2.1979	2.2677	3.1375
Sm-140	1.3490	1.2302	1.2891	1.2586	1.4172	1.1409	1.2758	1.6029
Sm-141	2.1186	1.8941	1.9055	1.8905	2.1971	1.9152	2.0400	2.8632
Sm-141m	4.1718	3.7958	3.8706	3.9029	4.4558	3.9000	4.0532	5.8729
Sm-142	0.5361	0.4991	0.5435	0.5233	0.5472	0.3852	0.4896	0.4646
Sm-143	0.3714	0.3424	0.3685	0.3589	0.3827	0.2828	0.3476	0.3705
Sm-143m	1.4057	1.2610	1.2432	1.2937	1.5154	1.4292	1.5361	2.4494
Sm-145	1.1026	1.0283	1.1081	1.0625	1.1211	0.7966	0.9978	0.9490
Sm-146	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0013	0.0010	0.0014	0.0012	0.0010	0.0006	0.0010	0.0012
Sm-153	0.8798	0.8376	0.8836	0.8561	0.9312	0.6524	0.7820	0.9456
Sm-155	1.1177	1.0902	1.1228	1.0961	1.2284	0.8825	1.0676	1.4097
Sm-156	1.1246	1.0224	1.0880	1.0382	1.1685	0.8978	0.9456	1.2364
Sm-157	1.9801	1.8508	1.9192	1.8919	2.1311	1.7846	1.7390	2.3686
Sn-106	3.4440	3.1177	3.1844	3.1186	3.5606	3.1265	3.4013	4.4282
Sn-108	3.3839	3.0575	3.1544	3.0409	3.4588	2.9661	3.1796	3.9693
Sn-109	2.9636	2.6094	2.6438	2.7107	3.1342	2.8441	3.1063	4.7252
Sn-110	2.1220	1.8596	2.0150	1.8570	2.1217	1.7974	1.8962	2.1670
Sn-111	0.5465	0.5052	0.5255	0.5232	0.5408	0.4665	0.5829	0.6421
Sn-113	0.5315	0.5053	0.5350	0.5192	0.5019	0.4134	0.5623	0.4510
Sn-113m	0.3613	0.3415	0.3644	0.3534	0.3319	0.2744	0.3973	0.3171
Sn-117m	1.7912	1.6029	1.6269	1.5989	1.8067	1.4288	1.5336	1.7272
Sn-119m	0.4397	0.4069	0.4469	0.4282	0.3978	0.3221	0.4638	0.3800
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.1425	0.1290	0.1456	0.1378	0.1271	0.0999	0.1550	0.1265
Sn-123	0.0092	0.0081	0.0078	0.0085	0.0100	0.0095	0.0101	0.0166
Sn-123m	1.3569	1.1982	1.2012	1.1848	1.4066	1.1011	1.0705	1.3500
Sn-125m	1.6827	1.4301	1.4794	1.3917	1.6934	1.4379	1.4026	1.9107
Sn-125	0.4859	0.4258	0.4163	0.4432	0.5221	0.4936	0.5231	0.8482
Sn-126	0.8281	0.7789	0.7815	0.7520	0.8416	0.6161	0.7970	0.9352
Sn-127m	1.5748	1.3974	1.3891	1.3790	1.6242	1.4361	1.5550	2.1779
Sn-127	3.0799	2.7180	2.6968	2.7952	3.2964	3.0375	3.2169	5.0399
Sn-128	2.9997	2.7628	2.7721	2.7320	3.0067	2.5617	3.1160	3.5744
Sn-129	1.9251	1.7169	1.7210	1.7551	2.0746	1.9211	2.0658	3.2393

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Sn-130	3.5678	3.2802	3.3160	3.2990	3.7682	3.3023	3.4596	4.7674
Sn-130m	2.1105	1.9142	1.8999	1.9273	2.2284	1.9613	2.2047	3.0925
Sr-79	1.3523	1.2492	1.3020	1.2539	1.3954	1.1007	1.2170	1.4878
Sr-80	1.4693	1.3078	1.3841	1.3440	1.4539	1.2418	1.3567	1.8009
Sr-81	2.2068	1.9947	2.0006	1.9780	2.3075	1.9253	2.0021	2.6517
Sr-82	0.4377	0.3823	0.4538	0.4215	0.3606	0.2696	0.3418	0.3383
Sr-83	1.7606	1.5576	1.6421	1.6192	1.7239	1.5035	1.6613	2.3024
Sr-85	1.9813	1.7548	1.8188	1.7767	1.9491	1.6761	1.8758	2.4652
Sr-85m	1.6384	1.4698	1.6168	1.4944	1.7117	1.4432	1.3912	1.7417
Sr-87m	1.4146	1.2658	1.2643	1.2277	1.4269	1.2437	1.2715	1.6795
Sr-89	0.0001	0.0001	0.0001	0.0001	0.0002	0.0001	0.0002	0.0003
Sr-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sr-91	1.2127	1.0760	1.0533	1.1161	1.3075	1.2417	1.3352	2.1169
Sr-92	1.4358	1.2429	1.2578	1.2925	1.5857	1.4389	1.5024	2.6100
Sr-93	3.9709	3.5103	3.5258	3.5992	4.2506	3.8747	4.0963	6.3899
Sr-94	1.4298	1.2348	1.2627	1.2946	1.5873	1.4433	1.5265	2.6745
Ta-170	1.4563	1.2883	1.3976	1.3414	1.4566	1.1787	1.3344	1.8517
Ta-172	3.4755	3.0681	3.2442	3.1690	3.5745	3.0334	3.2445	4.7518
Ta-173	2.3365	2.0260	2.2108	2.0750	2.2402	1.7591	2.0106	2.6408
Ta-174	2.6000	2.3163	2.5145	2.3995	2.6250	2.1308	2.2637	3.1330
Ta-175	3.4492	3.0469	3.2248	3.0819	3.4605	2.8685	3.1531	4.3096
Ta-176	3.4799	3.0093	3.1815	3.1331	3.5774	3.0709	3.3747	5.2556
Ta-177	0.9778	0.8612	0.9528	0.8692	0.9028	0.6739	0.8201	0.9538
Ta-178	1.0254	0.8893	0.9937	0.9062	0.9415	0.7014	0.8514	1.0371
Ta-178m	7.3475	6.5164	6.8242	6.4531	7.4002	6.0227	6.2952	8.3492
Ta-179	0.5226	0.4344	0.5186	0.4597	0.4506	0.3232	0.4183	0.4862
Ta-180	0.8217	0.7128	0.8015	0.7256	0.7454	0.5468	0.6721	0.7911
Ta-182	2.9651	2.6071	2.6690	2.6329	3.0666	2.5899	2.7974	4.2153
Ta-182m	3.1369	2.7176	2.9947	2.7882	3.0224	2.3048	2.5436	3.1412
Ta-183	2.9657	2.5510	2.8632	2.6034	2.8490	2.2151	2.4673	3.0746
Ta-184	5.6976	5.0164	5.2386	5.0514	5.8120	5.0369	5.3487	7.3837
Ta-185	1.6500	1.4239	1.5813	1.4686	1.5911	1.2247	1.3337	1.6972
Ta-186	5.2725	4.7850	4.9313	4.8328	5.5491	4.8134	5.0263	7.0324
Tb-146	2.9639	2.5680	2.6487	2.7174	3.2428	2.9358	3.1791	5.2924
Tb-147m	1.8289	1.5946	1.6674	1.6832	1.9780	1.7108	1.8413	3.0279
Tb-147	3.4572	3.1043	3.1081	3.1804	3.7080	3.2486	3.5399	5.3174
Tb-148m	6.7888	6.0989	6.0527	6.1757	7.1806	6.5619	7.0377	10.5592
Tb-148	2.8344	2.5112	2.5220	2.6006	3.0298	2.7768	2.9851	4.7442
Tb-149m	2.7286	2.4544	2.4677	2.5284	2.9014	2.6157	2.8380	4.3183
Tb-149	3.2458	2.8839	2.9417	2.9351	3.3916	2.9170	3.0633	4.4285

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Tb-150m	6.9032	6.1879	6.2333	6.2276	7.2417	6.4521	6.9489	10.0593
Tb-150	3.1840	2.8165	2.8949	2.9241	3.3977	3.0203	3.2743	5.1036
Tb-151	4.2056	3.7852	3.9655	3.8242	4.3604	3.6274	3.8840	5.1304
Tb-151m	0.7452	0.6051	0.7523	0.6810	0.6483	0.4689	0.6235	0.7631
Tb-152m	3.8404	3.3766	3.5771	3.3936	3.8869	3.2129	3.3563	4.3327
Tb-152	2.9612	2.5907	2.6865	2.6305	3.0675	2.6282	2.7437	3.9582
Tb-153	2.2533	2.0651	2.2043	2.1272	2.3331	1.8198	1.9750	2.4810
Tb-154	3.1243	2.7889	2.8763	2.9015	3.3344	2.8668	3.1569	4.7935
Tb-155	2.0450	1.8926	1.9967	1.9171	2.1163	1.5387	1.7657	2.1571
Tb-156	4.9135	4.4079	4.5319	4.5149	5.1709	4.3969	4.6722	6.7545
Tb-156m	0.5153	0.4986	0.5188	0.5095	0.5094	0.3735	0.4360	0.4580
Tb-156n	0.1916	0.1437	0.2024	0.1739	0.1517	0.0941	0.1492	0.1787
Tb-157	0.1981	0.1537	0.2091	0.1828	0.1629	0.1033	0.1552	0.1774
Tb-158	2.2217	1.9900	2.0435	2.0794	2.3104	1.9566	2.1847	3.1020
Tb-160	2.4308	2.1389	2.1633	2.2006	2.5623	2.2812	2.4166	3.6777
Tb-161	0.7171	0.6368	0.7175	0.6695	0.6597	0.4771	0.6356	0.6673
Tb-162	3.3441	2.9473	3.0852	3.0045	3.5115	3.1360	3.2364	4.6548
Tb-163	3.1005	2.7385	2.7692	2.6831	3.1624	2.7542	2.8582	3.8951
Tb-164	5.4512	4.8436	4.9390	4.9462	5.7835	5.1434	5.4000	8.1772
Tb-165	1.2164	1.0560	1.0875	1.1009	1.2928	1.1472	1.2237	1.9828
Tc-101	1.7446	1.4853	1.5623	1.4554	1.7700	1.4980	1.4651	1.9651
Tc-102m	3.8076	3.3477	3.3631	3.4124	4.0470	3.6816	3.9197	6.1259
Tc-102	0.1831	0.1626	0.1611	0.1623	0.1913	0.1724	0.1843	0.2698
Tc-104	3.6850	3.2012	3.2509	3.2339	3.8696	3.4565	3.5688	5.4975
Tc-105	2.6150	2.3500	2.3882	2.3358	2.7546	2.3183	2.4492	3.3388
Tc-91	1.2750	1.0906	1.1324	1.1610	1.4030	1.2775	1.3402	2.3358
Tc-91m	1.0514	0.9312	0.9283	0.9291	1.0949	0.9714	1.0524	1.5087
Tc-92	5.7790	5.0906	5.1731	5.1352	6.1655	5.3773	5.6296	8.4514
Tc-93	1.8727	1.6490	1.7135	1.7287	2.0541	1.7509	1.8497	2.8549
Tc-93m	1.5408	1.3672	1.3850	1.3728	1.6103	1.3948	1.4360	2.0408
Tc-94	5.1632	4.6286	4.5691	4.7827	5.5554	5.1693	5.5571	8.5339
Tc-94m	1.8604	1.6491	1.6293	1.7255	2.0102	1.8812	2.0132	3.1903
Tc-95	2.0471	1.8546	1.8680	1.9148	2.1953	1.9465	2.0848	2.9646
Tc-95m	2.6514	2.4483	2.5341	2.5280	2.8507	2.4319	2.4588	3.2913
Tc-96	5.0665	4.5395	4.4721	4.6863	5.4541	5.0774	5.4226	8.4036
Tc-96m	0.3425	0.3164	0.3382	0.3305	0.3550	0.2652	0.2935	0.2707
Tc-97	0.5185	0.4856	0.5272	0.5084	0.5438	0.3751	0.4037	0.2604
Tc-97m	0.3871	0.3635	0.3933	0.3797	0.3996	0.2790	0.3117	0.2132
Tc-98	3.0263	2.7183	2.6985	2.7754	3.2634	3.0669	3.3096	5.2128
Tc-99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Tc-99m	1.2858	1.2379	1.2069	1.1777	1.3823	1.0699	1.2490	1.3281
Te-113	1.5914	1.3921	1.3915	1.4530	1.7213	1.6034	1.7067	2.8189
Te-114	2.5500	2.2968	2.3633	2.3516	2.6210	2.2942	2.6635	3.5413
Te-115	2.4550	2.1711	2.1967	2.2374	2.6364	2.4019	2.5718	4.0128
Te-115m	2.7820	2.4510	2.4612	2.5473	2.9843	2.7645	3.0032	4.7862
Te-116	1.2770	1.2174	1.2603	1.2349	1.2623	0.9987	1.3874	1.3782
Te-117	2.0513	1.8325	1.8573	1.9058	2.1658	1.9993	2.2656	3.3549
Te-118	0.4952	0.4717	0.4998	0.4868	0.4559	0.3790	0.5797	0.4377
Te-119	2.0216	1.8417	1.8765	1.8847	2.1010	1.9049	2.2348	3.0077
Te-119m	3.5441	3.1499	3.1778	3.1941	3.7090	3.2146	3.4821	4.8068
Te-121	2.0689	1.8797	1.9066	1.8921	2.1025	1.8606	2.2000	2.7606
Te-121m	1.6965	1.5843	1.7031	1.6398	1.7722	1.4935	1.5608	1.8385
Te-123	0.0415	0.0282	0.0448	0.0369	0.0293	0.0170	0.0314	0.0381
Te-123m	1.6111	1.4312	1.4574	1.4295	1.6288	1.2776	1.3824	1.5683
Te-125m	0.8484	0.8033	0.8578	0.8324	0.7806	0.6377	1.0270	0.7564
Te-127	0.0207	0.0186	0.0186	0.0181	0.0211	0.0185	0.0192	0.0253
Te-127m	0.2825	0.2617	0.2867	0.2747	0.2547	0.2053	0.3322	0.2530
Te-129	0.3388	0.2999	0.3223	0.3090	0.3237	0.2722	0.3457	0.3848
Te-129m	0.2648	0.2449	0.2609	0.2548	0.2508	0.2120	0.3089	0.2889
Te-131	1.8078	1.6387	1.6182	1.6108	1.8914	1.5735	1.7049	2.1772
Te-131m	3.1678	2.8384	2.8349	2.8974	3.3761	3.0702	3.2996	4.9841
Te-132	2.0438	1.8874	2.0456	1.9265	2.1000	1.7642	1.9581	2.1236
Te-133	2.6511	2.2935	2.3306	2.2975	2.7572	2.4524	2.5000	3.7451
Te-133m	3.6690	3.2533	3.2512	3.3383	3.8928	3.5770	3.8451	5.8105
Te-134	3.2186	2.9217	2.9580	2.9215	3.3871	2.9556	3.1326	4.3200
Th-223	1.1374	1.0289	1.1092	1.0477	1.1369	0.7972	0.9826	1.2392
Th-224	0.2137	0.1923	0.2034	0.1965	0.2206	0.1731	0.1729	0.2231
Th-226	0.1570	0.1401	0.1602	0.1486	0.1520	0.1090	0.1354	0.1501
Th-227	1.5001	1.2906	1.4914	1.3622	1.4342	1.0953	1.2279	1.4329
Th-228	0.1272	0.1069	0.1306	0.1187	0.1133	0.0775	0.0995	0.1025
Th-229	1.8335	1.6096	1.8342	1.7051	1.7490	1.2237	1.5273	1.8207
Th-230	0.8839	0.8794	0.8867	0.8834	0.9018	0.9007	0.8886	0.8981
Th-231	1.0147	0.8672	1.0400	0.9534	0.9068	0.6294	0.8280	0.8178
Th-232	1.0909	0.9765	1.0890	1.1237	1.1907	1.1993	1.2266	1.2092
Th-233	0.3472	0.2938	0.3443	0.3184	0.3215	0.2363	0.3017	0.3648
Th-234	0.2158	0.1915	0.2131	0.1974	0.2058	0.1460	0.1779	0.2052
Th-235	0.1598	0.1436	0.1443	0.1444	0.1672	0.1478	0.1598	0.2334
Th-236	0.2638	0.2409	0.2592	0.2475	0.2681	0.2052	0.2415	0.2993
Ti-44	1.6174	1.5113	1.3543	1.2779	1.6829	1.2250	1.4056	1.8798
Ti-45	0.0188	0.0136	0.0194	0.0167	0.0150	0.0104	0.0156	0.0213

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ti-51	1.7053	1.4374	1.4931	1.4067	1.7202	1.4629	1.4202	1.9682
Ti-52	1.4982	1.5246	1.5045	1.4447	1.6308	1.2376	1.6668	1.5815
Tl-190	2.2273	1.9856	1.9836	1.9429	2.2671	1.9658	2.1164	2.9674
Tl-190m	5.8008	5.1647	5.1873	5.1426	6.0293	5.3606	5.7458	8.4116
Tl-194	2.2862	2.0313	2.0480	1.9834	2.3009	1.9488	2.1458	2.9651
Tl-194m	7.3811	6.5710	6.6884	6.5674	7.6219	6.6720	7.2627	10.5309
Tl-195	2.9448	2.5196	2.6993	2.5808	2.9201	2.4117	2.7502	4.0422
Tl-196	3.6762	3.2272	3.2875	3.2183	3.7697	3.2504	3.5352	5.2590
Tl-197	2.1108	1.8480	1.9102	1.8039	2.0792	1.6413	1.8897	2.5823
Tl-198	3.9945	3.5027	3.5640	3.4975	4.1035	3.5387	3.8333	5.7718
Tl-198m	4.8638	4.2770	4.4523	4.2625	4.9038	4.1692	4.5738	6.3558
Tl-199	2.0299	1.7772	1.8796	1.7415	1.9819	1.5352	1.7355	2.2709
Tl-200	3.7444	3.2741	3.3234	3.2284	3.8066	3.2305	3.4719	5.0597
Tl-201	1.4612	1.2577	1.3562	1.2334	1.3669	0.9779	1.2090	1.5374
Tl-202	2.4625	2.1773	2.2104	2.1038	2.4278	1.9865	2.2206	2.9530
Tl-204	0.0227	0.0192	0.0212	0.0190	0.0207	0.0145	0.0187	0.0238
Tl-206m	7.7452	6.8807	7.1048	6.9340	8.0824	7.1535	7.4233	10.4851
Tl-206	0.0011	0.0010	0.0010	0.0009	0.0011	0.0008	0.0009	0.0013
Tl-207	0.0040	0.0035	0.0034	0.0037	0.0043	0.0041	0.0044	0.0071
Tl-208	3.3839	2.9281	3.0017	3.0358	3.6643	3.2912	3.4686	5.7125
Tl-209	4.2368	3.8696	3.9136	3.8548	4.5419	3.8404	4.3879	6.2162
Tl-210	4.8727	4.2119	4.3297	4.3254	5.1206	4.6130	4.8109	7.6061
Tm-161	3.9554	3.5650	3.8161	3.6757	3.9849	3.1455	3.5574	4.6449
Tm-162	2.4294	2.1462	2.2524	2.2541	2.5407	2.1736	2.3889	3.7022
Tm-163	3.5845	3.2047	3.3806	3.2893	3.6655	3.0078	3.3302	4.6543
Tm-164	0.9102	0.8089	0.8739	0.8491	0.9085	0.7214	0.8315	1.1535
Tm-165	2.9809	2.6504	2.8571	2.7012	2.9881	2.4536	2.6331	3.3580
Tm-166	3.7234	3.2884	3.4283	3.4212	3.8622	3.3339	3.6116	5.5242
Tm-167	1.6481	1.4922	1.6656	1.5730	1.6190	1.2461	1.3624	1.6461
Tm-168	4.3695	3.9593	4.0976	4.0791	4.5454	3.9001	4.1446	5.9489
Tm-170	0.0780	0.0659	0.0767	0.0694	0.0707	0.0479	0.0643	0.0805
Tm-171	0.0111	0.0096	0.0109	0.0100	0.0099	0.0072	0.0090	0.0103
Tm-172	0.7595	0.6500	0.6954	0.6845	0.7829	0.6619	0.7441	1.1677
Tm-173	1.6316	1.4698	1.4565	1.4208	1.6478	1.4448	1.4975	1.9955
Tm-174	6.2958	5.5111	5.7135	5.5602	6.4651	5.5958	5.7318	7.9314
Tm-175	2.6787	2.3717	2.3701	2.3938	2.7795	2.4959	2.7010	3.9367
Tm-176	4.2197	3.7175	3.8417	3.8093	4.4059	3.8200	3.9617	5.8902
U-227	1.3030	1.1615	1.2892	1.1959	1.3127	0.9943	1.1097	1.3724
U-228	0.1480	0.1281	0.1512	0.1395	0.1387	0.0963	0.1175	0.1227
U-230	0.1466	0.1237	0.1512	0.1378	0.1312	0.0897	0.1126	0.1061

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
U-231	2.0638	1.8379	2.0966	1.9610	1.9709	1.3704	1.7485	1.9685
U-232	0.1343	0.1128	0.1398	0.1271	0.1187	0.0805	0.1029	0.0946
U-233	0.0709	0.0589	0.0739	0.0668	0.0615	0.0417	0.0544	0.0521
U-234	0.7091	0.7075	0.7086	0.7158	0.7279	0.7267	0.7166	0.7059
U-235	1.3956	1.3372	1.3978	1.4069	1.4390	1.4378	1.4673	1.4392
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	0.1103	0.0924	0.1150	0.1045	0.0971	0.0657	0.0843	0.0775
U-237	2.0442	1.8710	2.0479	1.9342	2.0499	1.5156	1.7510	2.0744
U-238	1.0051	0.9329	1.0130	1.0251	1.0779	1.0747	1.0871	1.0586
U-239	0.6104	0.5638	0.5413	0.5139	0.6250	0.4494	0.5256	0.6563
U-240	0.3797	0.3233	0.3936	0.3601	0.3430	0.2341	0.3014	0.2956
U-242	0.2547	0.2319	0.2315	0.2211	0.2595	0.2110	0.2251	0.2884
V-47	0.0130	0.0104	0.0125	0.0117	0.0126	0.0103	0.0118	0.0184
V-48	3.0407	2.6451	2.6002	2.7792	3.2977	3.0875	3.2870	5.4825
V-49	0.1157	0.0780	0.1251	0.1027	0.0812	0.0465	0.0867	0.1063
V-50	1.4644	1.2445	1.3400	1.3393	1.5886	1.4292	1.5785	2.6859
V-52	1.3717	1.1799	1.2125	1.2412	1.5282	1.3843	1.4635	2.5885
V-53	1.4907	1.3098	1.2584	1.3822	1.6085	1.5464	1.6673	2.6513
W-177	4.5948	4.1065	4.3270	4.1191	4.5671	3.6938	4.2366	5.4819
W-178	0.4232	0.3338	0.4270	0.3694	0.3473	0.2390	0.3331	0.3954
W-179	1.1357	0.9532	1.1218	0.9994	0.9841	0.7176	0.9745	1.0636
W-179m	0.7984	0.6824	0.7751	0.6931	0.7303	0.5554	0.6499	0.7837
W-181	0.7381	0.6252	0.7169	0.6383	0.6514	0.4787	0.5953	0.6962
W-185m	0.8418	0.6377	0.8697	0.7455	0.6751	0.4458	0.6670	0.8036
W-185	0.0007	0.0007	0.0007	0.0006	0.0007	0.0005	0.0007	0.0007
W-187	1.5447	1.3874	1.3937	1.3646	1.5886	1.3772	1.5316	2.1395
W-188	0.0145	0.0124	0.0138	0.0125	0.0143	0.0117	0.0120	0.0153
W-190	1.9872	1.7064	1.8275	1.6817	1.8820	1.4304	1.5762	1.9435
Xe-120	2.1570	1.9945	2.0388	2.0094	2.1562	1.8219	2.3132	2.5196
Xe-121	1.9021	1.7070	1.7624	1.7363	1.9820	1.7128	1.9722	2.5920
Xe-122	0.7760	0.7211	0.7559	0.7320	0.7393	0.6092	0.8842	0.7553
Xe-123	1.8733	1.7111	1.7399	1.7178	1.9147	1.5766	1.8712	2.1137
Xe-125	2.2175	2.0533	2.1786	2.0967	2.2586	1.8874	2.1792	2.3258
Xe-127	2.3934	2.2392	2.3412	2.2872	2.4780	2.0587	2.2521	2.5487
Xe-127m	1.8330	1.7967	1.7906	1.7428	1.9363	1.5243	1.9701	1.9356
Xe-129m	0.9928	0.9390	1.0037	0.9743	0.9335	0.7482	1.2232	0.9055
Xe-131m	0.4231	0.3942	0.4256	0.4107	0.3900	0.3111	0.5213	0.3841
Xe-133	0.6847	0.6503	0.6323	0.6146	0.6914	0.5088	0.7573	0.7482
Xe-133m	0.5544	0.5142	0.5587	0.5318	0.5307	0.4354	0.6399	0.5285
Xe-135	1.5723	1.3694	1.5471	1.3734	1.6278	1.4151	1.3918	1.6880

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Xe-135m	1.3658	1.2213	1.2218	1.2130	1.4028	1.2411	1.3978	1.8762
Xe-137	0.5555	0.4956	0.4904	0.4860	0.5707	0.5068	0.5381	0.7487
Xe-138	1.9352	1.6644	1.7828	1.7111	1.9989	1.7681	1.8303	2.7238
Y-81	1.6281	1.5709	1.5657	1.5072	1.7076	1.3065	1.5989	1.7655
Y-83	1.1407	1.0222	1.0688	1.0612	1.1570	0.9837	1.1112	1.4295
Y-83m	1.4896	1.3068	1.4183	1.3051	1.5188	1.2964	1.3049	1.6019
Y-84m	4.8279	4.2726	4.1729	4.4429	5.2072	4.9498	5.3107	8.5412
Y-85	1.2951	1.1506	1.1632	1.1556	1.3182	1.1511	1.2605	1.7064
Y-85m	1.2938	1.1385	1.2042	1.1887	1.3562	1.1952	1.2448	1.8578
Y-86	5.0123	4.4090	4.4302	4.5784	5.3348	4.9090	5.2235	8.2756
Y-86m	1.5347	1.4417	1.5440	1.4949	1.6647	1.4019	1.2843	1.7294
Y-87	1.9445	1.7311	1.7886	1.7436	1.9352	1.6331	1.7935	2.2614
Y-87m	1.3793	1.2279	1.2342	1.1934	1.3950	1.2037	1.2212	1.5980
Y-88	3.2124	2.7825	2.8894	2.9760	3.3882	3.1136	3.3327	5.4285
Y-89m	1.4760	1.3086	1.2611	1.3684	1.5917	1.5382	1.6577	2.6516
Y-90	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000	0.0000	0.0000
Y-90m	3.0276	2.7936	2.8722	2.8253	3.2086	2.7543	2.7171	3.6924
Y-91	0.0037	0.0032	0.0031	0.0033	0.0040	0.0037	0.0038	0.0067
Y-91m	1.5140	1.3528	1.3534	1.3502	1.5820	1.4172	1.5441	2.2071
Y-92	0.3928	0.3466	0.3395	0.3588	0.4222	0.3972	0.4260	0.6778
Y-93	0.2057	0.1772	0.1902	0.1808	0.2157	0.1931	0.1938	0.2820
Y-94	1.1541	1.0180	0.9912	1.0617	1.2437	1.1856	1.2711	2.0437
Y-95	0.8293	0.7070	0.7194	0.7561	0.9061	0.8457	0.8842	1.5760
Yb-162	2.1902	2.0040	2.1071	2.0223	2.2031	1.6915	1.9464	2.3246
Yb-163	1.6048	1.4052	1.5295	1.4713	1.5671	1.2751	1.4787	1.9998
Yb-164	0.7532	0.6766	0.7528	0.7062	0.6997	0.5114	0.6253	0.7010
Yb-165	2.1925	1.9112	2.1321	1.9859	2.0487	1.4902	1.8680	2.3071
Yb-166	1.3950	1.2583	1.3814	1.2953	1.3072	0.9372	1.1578	1.3189
Yb-167	3.4217	3.1439	3.4173	3.2310	3.3628	2.4607	3.0306	3.5473
Yb-169	3.8414	3.5120	3.7681	3.5613	3.7836	2.8994	3.2468	3.8533
Yb-175	0.2223	0.1999	0.2060	0.1953	0.2245	0.1876	0.1999	0.2535
Yb-177	0.6985	0.6314	0.6337	0.6281	0.7257	0.5937	0.6504	0.8583
Yb-178	0.1810	0.1586	0.1623	0.1551	0.1805	0.1546	0.1589	0.2117
Yb-179	2.8813	2.5750	2.5952	2.5749	3.0093	2.6868	2.9040	4.1835
Zn-60	1.6178	1.4379	1.4595	1.4305	1.6882	1.5179	1.6073	2.3484
Zn-61	0.6657	0.5782	0.5898	0.5956	0.7078	0.6402	0.6810	1.0899
Zn-62	1.6088	1.3558	1.5420	1.4458	1.5449	1.2545	1.4861	1.9921
Zn-63	0.2786	0.2414	0.2500	0.2553	0.2898	0.2661	0.2961	0.4616
Zn-65	1.1186	0.8999	1.0370	1.0122	1.0670	0.9047	1.0831	1.6746
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Zn-69m	1.5506	1.3860	1.3754	1.3495	1.5747	1.3878	1.4641	1.9825
Zn-71	0.8243	0.7379	0.7278	0.7342	0.8607	0.7716	0.8413	1.1968
Zn-71m	4.7265	4.2299	4.2022	4.1740	4.9095	4.3847	4.6698	6.6067
Zn-72	1.9930	1.7405	1.9350	1.8053	1.9441	1.4300	1.7267	2.0032
Zr-85	1.4401	1.2834	1.2787	1.2676	1.4864	1.3200	1.3848	1.9546
Zr-86	2.7458	2.4627	2.7452	2.5347	2.8035	2.2710	2.3494	2.4778
Zr-87	0.1954	0.1738	0.1833	0.1834	0.2037	0.1678	0.1783	0.2379
Zr-88	2.0986	1.8926	1.9319	1.8717	2.1158	1.7728	1.8344	2.2260
Zr-89	1.8909	1.6855	1.6850	1.7717	2.0019	1.8278	1.9750	2.9008
Zr-89m	1.5078	1.3494	1.3605	1.3628	1.5987	1.4427	1.5696	2.3141
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	1.4759	1.3231	1.3013	1.3548	1.5937	1.5144	1.6253	2.6086
Zr-97	1.7608	1.5727	1.5537	1.6075	1.8938	1.7810	1.9043	3.0226

Table 8: Drywall 5 cm Contamination Thickness for 100x100x10 ft and 200x200x20 ft rooms

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ac-223	0.2233	0.1906	0.2447	0.2222	0.1830	0.1614	0.3205	0.2423
Ac-224	2.4935	2.3571	2.7667	2.5227	2.3156	2.0987	3.5855	1.9984
Ac-225	0.2910	0.2571	0.3075	0.2622	0.2331	0.2125	0.3561	0.2819
Ac-226	1.2245	1.2009	1.3264	1.2488	1.1544	1.0233	1.9959	1.1800
Ac-227	0.0528	0.0414	0.0522	0.0470	0.0331	0.0310	0.0506	0.0665
Ac-228	2.1878	1.7875	2.6303	2.6595	2.0855	1.5728	5.8128	3.4386
Ac-230	0.9629	0.7482	1.0491	1.1915	0.9112	0.6236	2.6782	1.5840
Ac-231	2.9064	2.6862	3.6175	3.1612	2.8310	2.5973	5.0442	2.7781
Ac-232	1.5675	1.2516	1.7201	1.9122	1.4992	1.0421	4.5089	2.5066
Ac-233	1.6511	1.1569	1.7556	2.2959	1.6257	0.9639	5.0985	3.2505
Ag-100m	3.0061	2.3202	3.4901	4.0630	2.9904	1.9437	9.7945	5.5831
Ag-101	2.3811	2.0378	2.7387	2.9517	2.3363	1.8069	6.0185	3.5697
Ag-102m	1.8553	1.4265	1.9533	2.3812	1.8336	1.2034	5.5786	3.1064
Ag-102	4.5399	3.4372	5.0908	6.1359	4.4991	2.8909	14.3855	8.4142
Ag-103	2.2976	2.0329	2.4439	2.5953	2.2092	1.8365	4.5060	2.6327
Ag-104	5.4712	4.1994	6.3432	7.4517	5.3672	3.5488	17.1238	10.2528
Ag-104m	2.2411	1.6539	2.3856	3.0002	2.2004	1.3948	6.6746	4.0499
Ag-105	2.5811	2.1029	3.1542	3.0587	2.4890	2.0716	5.2772	3.2519
Ag-105m	0.0217	0.0160	0.0231	0.0228	0.0143	0.0130	0.0253	0.0295
Ag-106	0.4891	0.3579	0.4617	0.6133	0.4502	0.3107	1.0907	0.7621
Ag-106m	6.7072	5.0393	7.5823	9.0946	6.5818	4.2608	20.5481	12.3989
Ag-108	0.0544	0.0404	0.0591	0.0716	0.0519	0.0343	0.1486	0.0949
Ag-108m	5.0295	3.7065	5.8215	6.9223	4.9151	3.1141	15.4917	9.5030
Ag-109m	0.2620	0.2089	0.2130	0.2743	0.2190	0.1911	0.2156	0.2291
Ag-110	0.0780	0.0585	0.0935	0.1097	0.0776	0.0487	0.2565	0.1555
Ag-110m	5.3205	4.1108	6.4648	7.3859	5.2944	3.4404	17.8955	10.4621
Ag-111	0.1342	0.1125	0.1872	0.1603	0.1356	0.1198	0.2857	0.1566
Ag-111m	0.1494	0.1186	0.1221	0.1600	0.1231	0.1063	0.1380	0.1508
Ag-112	1.2153	0.9143	1.3827	1.6522	1.2129	0.7640	3.9172	2.2811
Ag-113m	0.9562	0.7791	1.2757	1.1669	0.9529	0.7989	2.1584	1.2386
Ag-113	0.2971	0.2594	0.4108	0.3494	0.3004	0.2739	0.6169	0.3408
Ag-114	0.5145	0.3764	0.5659	0.7080	0.5131	0.3147	1.6384	0.9815
Ag-115	1.0537	0.9165	1.1894	1.2914	1.0458	0.8064	2.6358	1.4574
Ag-116	2.9861	2.2313	3.2138	3.9797	2.9773	1.8761	9.3430	5.3802
Ag-117	2.0190	1.6887	2.2930	2.3793	2.0159	1.5439	5.0457	2.5968
Ag-99	3.0373	2.6356	3.5802	3.8071	3.0055	2.3352	8.1614	4.6581
Al-26	1.5478	1.2501	1.5452	1.8196	1.5434	1.0574	4.6709	2.1709
Al-28	1.5115	1.2164	1.4894	1.7633	1.5068	1.0315	4.5410	2.1109
Al-29	1.6449	1.2757	1.8565	2.2774	1.6497	1.0743	5.2096	2.9226

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Am-237	2.8597	2.6611	3.2568	2.9509	2.6781	2.4851	4.6185	2.6559
Am-238	2.9081	2.5187	3.2544	3.2696	2.7352	2.2165	6.5037	3.7631
Am-239	3.0007	2.9067	3.2127	2.8424	2.7111	2.6491	3.7656	2.1916
Am-240	3.1214	2.6858	3.5412	3.4787	2.8935	2.3308	7.2103	4.2554
Am-241	0.8585	0.8560	0.8470	0.8707	0.8533	0.8639	0.8408	0.8265
Am-242	0.3895	0.3541	0.3861	0.3408	0.3156	0.3098	0.3894	0.3119
Am-242m	0.2274	0.1876	0.2132	0.1914	0.1579	0.1519	0.1937	0.2377
Am-243	0.8140	0.6463	0.9881	0.7817	0.7378	0.5618	1.1172	0.7058
Am-244	2.7786	2.3022	3.1654	3.3206	2.5282	1.9304	6.7545	4.3377
Am-244m	0.1430	0.1192	0.1399	0.1321	0.1102	0.0999	0.1782	0.1585
Am-245	0.3463	0.3372	0.3703	0.3392	0.3183	0.3078	0.4803	0.2837
Am-246	3.7196	3.1946	4.0615	4.2323	3.3709	2.7072	7.5758	4.9512
Am-246m	1.9636	1.5747	2.3291	2.5183	1.8856	1.3321	5.8536	3.4645
Am-247	1.2869	1.2292	1.4684	1.2826	1.2077	1.1782	1.7822	0.9927
Ar-37	0.0203	0.0144	0.0201	0.0208	0.0113	0.0101	0.0202	0.0301
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	1.6194	1.2504	1.8238	2.2525	1.6235	1.0547	5.1337	2.9119
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	1.9630	1.5346	2.2441	2.5671	1.9558	1.2935	6.3419	3.4911
Ar-44	2.7842	2.4140	2.9156	3.2581	2.7731	2.0371	7.1651	3.6045
As-68	3.8454	3.0018	4.4765	5.0785	3.8284	2.5235	12.5686	7.0315
As-69	0.5299	0.4759	0.5944	0.6115	0.5096	0.4134	1.1649	0.6630
As-70	5.0212	3.9271	5.8260	6.6191	4.9873	3.3043	16.1799	9.1031
As-71	1.8550	1.6962	1.9968	2.0448	1.7301	1.3980	3.4362	2.1500
As-72	1.6539	1.3087	2.0922	2.3282	1.6222	1.0902	5.6290	3.3144
As-73	0.8022	0.5861	0.7919	0.8191	0.4773	0.4185	0.8153	1.1552
As-74	1.3910	1.0097	1.5791	1.9041	1.3333	0.8274	4.2483	2.7153
As-76	1.0332	0.7473	1.1526	1.4457	1.0305	0.6236	3.3186	2.0342
As-77	0.0484	0.0463	0.0535	0.0561	0.0476	0.0403	0.1017	0.0603
As-78	2.2778	1.7291	2.6436	3.1297	2.2734	1.4514	7.3887	4.3047
As-79	0.1031	0.0764	0.1286	0.1408	0.1027	0.0679	0.3226	0.1890
At-204	6.6733	4.9354	7.8319	8.9915	6.5339	4.1844	20.0370	12.1642
At-205	2.9394	2.3068	3.5286	3.6008	2.8051	1.9872	7.5201	4.3957
At-206	6.7826	5.1410	8.0502	8.9995	6.6322	4.3620	20.0797	11.9412
At-207	4.7953	3.7730	5.7473	6.0118	4.6299	3.2636	12.9833	7.5105
At-208	7.6871	6.1436	9.1476	9.8484	7.4873	5.1774	21.6921	12.6930
At-209	6.8596	5.4439	8.2342	8.9074	6.6180	4.6136	19.0509	11.3759
At-210	5.8520	4.9208	6.5437	6.9857	5.6510	4.2233	14.6982	8.2881
At-211	0.5171	0.4138	0.6156	0.4963	0.4491	0.3593	0.7084	0.4205
At-215	0.0008	0.0006	0.0009	0.0011	0.0008	0.0005	0.0024	0.0014

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
At-216	0.0288	0.0242	0.0349	0.0286	0.0262	0.0220	0.0414	0.0236
At-217	0.0015	0.0014	0.0018	0.0017	0.0015	0.0013	0.0030	0.0018
At-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-220	2.4084	2.2100	2.8868	2.8254	2.3697	2.0213	5.1992	3.0264
Au-186	3.4484	2.9491	4.1747	4.1673	3.3694	2.6029	7.8372	4.6299
Au-187	2.5381	2.0233	2.9649	2.9801	2.3926	1.7011	5.9052	3.6835
Au-190	4.1378	3.4535	5.1928	4.7528	4.0775	3.3035	9.2364	5.1546
Au-191	3.1978	2.5844	3.8668	3.7346	3.0388	2.2456	6.9916	4.5015
Au-192	3.7650	3.0805	4.8150	4.3111	3.7065	2.9974	8.3184	4.6097
Au-193	1.7225	1.4602	2.0847	1.7805	1.5850	1.2429	2.7328	1.9309
Au-193m	1.5826	1.5114	1.8242	1.6896	1.4643	1.3313	2.7319	1.7885
Au-194	2.9313	2.3693	3.8293	3.3593	2.8620	2.3083	6.2239	3.6325
Au-195	1.3129	1.0716	1.5793	1.2792	1.1344	0.8912	1.7502	1.4182
Au-195m	1.5901	1.5038	1.8658	1.6963	1.4739	1.3444	2.7219	1.7758
Au-196	2.7405	2.1396	3.7276	3.2125	2.6721	2.1222	5.8187	3.5044
Au-196m	2.8616	2.5246	3.2421	2.9125	2.5759	2.1280	4.2853	2.9099
Au-198	1.6741	1.1625	1.9976	2.3231	1.6515	0.9675	5.4317	3.1999
Au-198m	4.9017	4.6158	5.6293	5.2798	4.6663	4.0552	7.7006	4.4887
Au-199	0.9867	0.9358	1.0598	0.9847	0.9427	0.7614	1.6481	0.9726
Au-200	0.5987	0.4549	0.7492	0.7966	0.5986	0.4189	1.7376	0.9870
Au-200m	7.6658	6.2895	9.0554	9.8082	7.5778	5.5397	20.2888	12.1407
Au-201	0.1581	0.1188	0.1767	0.1960	0.1450	0.0988	0.3880	0.2591
Au-202	0.3906	0.2861	0.4537	0.5376	0.3877	0.2403	1.2566	0.7410
Ba-124	1.6071	1.3740	1.6560	1.8575	1.5402	1.2720	3.1474	2.1047
Ba-126	2.1881	1.8735	2.3582	2.6345	2.1147	1.7271	4.7958	3.1075
Ba-127	0.8140	0.7051	0.7789	0.8849	0.7705	0.6687	1.2859	0.8944
Ba-128	0.7451	0.6357	0.6885	0.7894	0.6851	0.6584	0.9067	0.8262
Ba-129	0.8773	0.7534	0.8167	0.9677	0.8180	0.7323	1.2907	0.9912
Ba-129m	4.5946	3.7196	5.0551	5.8068	4.4860	3.2586	11.8600	7.2137
Ba-131	2.6878	2.1802	2.7596	3.2380	2.5943	2.0510	5.5980	3.6842
Ba-131m	1.0435	0.9823	1.0316	1.0224	0.9810	0.9667	1.2128	0.7319
Ba-133	2.7650	2.2086	3.2903	3.1578	2.6657	2.2932	4.9868	3.2167
Ba-133m	0.7139	0.6153	0.7114	0.7507	0.6434	0.6223	0.9316	0.7999
Ba-135m	0.6191	0.5440	0.5936	0.6514	0.5723	0.5534	0.8164	0.6886
Ba-137m	1.5399	1.1572	1.8389	2.1623	1.5300	0.9701	5.0330	3.0718
Ba-139	0.3951	0.3887	0.4013	0.4016	0.3918	0.3214	0.6859	0.3840
Ba-140	0.8492	0.6470	0.9034	1.0635	0.8021	0.5694	2.0487	1.3759
Ba-141	3.0340	2.6109	3.6979	3.7221	3.0310	2.4410	7.0978	4.0296
Ba-142	2.6084	2.1836	3.0732	3.2754	2.5736	1.9305	7.0322	4.1018

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.1781	0.1226	0.1914	0.2499	0.1770	0.1025	0.5634	0.3517
Bi-197	3.4172	2.6894	4.0956	4.2153	3.2719	2.2956	9.2288	5.3657
Bi-200	7.4936	5.7795	8.7685	9.5254	7.2924	4.9220	20.9993	12.4693
Bi-201	3.4598	2.7304	4.0835	4.2212	3.3180	2.3170	9.3027	5.3219
Bi-202	6.9041	5.2984	8.2862	8.9032	6.7387	4.4991	20.2985	11.8948
Bi-203	4.3705	3.4855	5.1508	5.3963	4.2198	2.9638	12.0823	6.7961
Bi-204	6.8276	5.3492	8.3957	8.6715	6.6529	4.6297	19.7112	11.3533
Bi-205	3.2533	2.5548	3.7637	3.9290	3.1153	2.1672	8.6912	4.9418
Bi-206	7.9426	6.1937	9.5620	10.3181	7.7436	5.3026	23.0361	13.5349
Bi-207	3.9172	2.9589	4.5341	4.9634	3.7861	2.4913	11.0093	6.6120
Bi-208	2.1128	1.6994	2.2139	2.2810	2.0177	1.4370	5.2153	2.5656
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.5320	1.4234	1.9947	1.7022	1.5174	1.4144	2.8292	1.6098
Bi-211	0.2416	0.1885	0.3377	0.2925	0.2407	0.1976	0.5443	0.3044
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	0.2551	0.1982	0.2958	0.3249	0.2312	0.1628	0.6999	0.4468
Bi-213	0.5190	0.3673	0.5993	0.7004	0.5087	0.3104	1.5677	0.9417
Bi-214	2.1712	1.6655	2.4461	2.8781	2.1634	1.4010	6.9000	3.8760
Bi-215	1.0848	0.9343	1.4237	1.2414	1.0653	0.9285	2.1983	1.2332
Bi-216	2.5023	1.7616	2.7967	3.4803	2.4804	1.4705	7.9164	4.8723
Bk-245	2.6657	2.5725	2.8446	2.5848	2.4550	2.3754	3.5709	2.0121
Bk-246	2.9707	2.5534	3.4246	3.4778	2.7401	2.2321	6.7777	4.1305
Bk-247	1.3831	1.3043	1.6025	1.3854	1.3150	1.2128	2.0668	1.0819
Bk-248m	0.5578	0.4983	0.5732	0.5510	0.4929	0.4502	0.7794	0.5096
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	1.6898	1.3361	1.9908	2.1049	1.6292	1.1271	5.1703	3.0194
Bk-251	1.2973	1.2112	1.3486	1.2190	1.1606	1.1114	1.5518	0.9596
Br-72	3.1324	2.4345	3.7364	4.2386	3.1036	2.0516	10.2461	5.8368
Br-73	1.5378	1.2304	1.9385	1.8966	1.5115	1.0976	3.9556	2.4039
Br-74	3.4651	2.7914	3.8376	4.5084	3.4430	2.3577	10.4251	5.8386
Br-74m	4.3997	3.4099	5.0666	5.9559	4.3739	2.8546	14.0607	8.1102
Br-75	2.1961	1.9508	2.8524	2.5409	2.1702	1.9448	4.5025	2.5805
Br-76	3.1847	2.4042	3.4804	4.2026	3.1182	2.0057	9.7455	5.7015
Br-76m	0.8151	0.6838	0.7613	0.8092	0.6356	0.5230	0.9512	0.9475
Br-77	1.5958	1.3308	1.7686	1.9053	1.4528	1.1324	3.5512	2.3679
Br-77m	0.4090	0.3643	0.4197	0.3705	0.3150	0.3035	0.4701	0.3695
Br-78	0.2575	0.1891	0.2945	0.3491	0.2469	0.1548	0.7863	0.4970
Br-80	0.1600	0.1182	0.1841	0.2156	0.1515	0.0963	0.4813	0.3072
Br-80m	0.6876	0.5472	0.6269	0.6524	0.4992	0.4364	0.7536	0.7911

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Br-82m	0.2567	0.2024	0.2542	0.2280	0.1607	0.1467	0.2880	0.3197
Br-82	5.4567	4.1673	6.5198	7.6556	5.4332	3.4889	18.1281	10.7602
Br-83	0.0221	0.0154	0.0235	0.0310	0.0219	0.0129	0.0695	0.0439
Br-84m	4.9700	3.7422	5.7517	6.7006	4.9359	3.1490	16.2298	9.2152
Br-84	1.7607	1.4170	2.0483	2.3150	1.7534	1.1961	5.7346	3.1145
Br-85	0.1184	0.0947	0.1480	0.1632	0.1176	0.0797	0.4006	0.2296
C-10	1.6563	1.2793	2.0844	2.3878	1.6483	1.0645	5.7045	3.4106
C-11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0363	0.0257	0.0359	0.0371	0.0201	0.0180	0.0360	0.0537
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	1.4365	1.1028	1.6276	2.0042	1.4381	0.9292	4.5898	2.6311
Ca-49	1.4701	1.2384	1.5271	1.8556	1.4685	1.0580	4.3983	2.4445
Cd-101	2.9020	2.4328	3.0914	3.4692	2.8422	2.1318	7.2423	3.9107
Cd-102	2.5168	1.8945	2.6322	3.2463	2.4273	1.6493	6.4677	4.0872
Cd-103	2.4022	1.8921	2.4683	2.9492	2.3215	1.6328	6.3676	3.6019
Cd-104	1.5752	1.2428	1.6295	1.8050	1.4447	1.1124	2.7226	1.8187
Cd-105	1.6414	1.2881	1.7260	2.0204	1.5789	1.1339	4.1979	2.4310
Cd-107	0.7498	0.5960	0.5819	0.7921	0.6245	0.5475	0.5876	0.6701
Cd-109	0.6917	0.5449	0.5323	0.7307	0.5727	0.5001	0.5257	0.6209
Cd-111m	2.2419	2.2413	2.3660	2.4269	2.1772	1.9627	3.9078	2.3716
Cd-113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0007	0.0006	0.0007	0.0008	0.0007	0.0006	0.0010	0.0007
Cd-115	0.6735	0.4848	0.7104	0.9264	0.6676	0.4110	2.0071	1.2766
Cd-115m	0.0554	0.0430	0.0661	0.0752	0.0551	0.0362	0.1833	0.1056
Cd-117	2.1836	1.7941	2.6044	2.7393	2.1784	1.6480	5.8633	3.2743
Cd-117m	2.5842	2.0301	2.9426	3.3684	2.5781	1.7184	8.1966	4.4418
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	2.5923	2.1424	3.1019	3.1300	2.5979	2.0232	6.7629	3.5521
Cd-119m	3.0334	2.3857	3.4598	3.9444	3.0229	2.0238	9.5483	5.1928
Ce-130	2.4600	2.1404	2.6233	2.7705	2.3709	2.0519	4.4501	2.7972
Ce-131	3.2651	2.6268	3.5797	4.0679	3.1844	2.3035	8.3929	5.0445
Ce-132	2.3517	2.1802	2.4150	2.5839	2.2804	1.9431	3.8777	2.4468
Ce-133	1.6648	1.4299	1.5999	1.7406	1.5569	1.3765	2.3158	1.6219
Ce-133m	4.4531	3.4567	4.7842	5.6271	4.3524	3.0837	11.5921	7.1471
Ce-134	0.5145	0.4124	0.4017	0.5325	0.4547	0.4220	0.5170	0.5721
Ce-135	3.3249	2.7793	3.8079	4.0980	3.2528	2.6025	7.7297	4.8662
Ce-137	0.6080	0.4758	0.4957	0.6425	0.5215	0.4701	0.6895	0.7330
Ce-137m	0.5856	0.5117	0.5328	0.6313	0.5377	0.4802	0.8140	0.6593
Ce-139	1.7409	1.6330	1.6604	1.7725	1.6752	1.4190	2.6661	1.7468

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ce-141	0.8101	0.7738	0.8221	0.8094	0.7963	0.6846	1.2674	0.6889
Ce-143	1.5533	1.3285	1.8467	1.7959	1.5169	1.3143	2.8661	1.8381
Ce-144	0.2280	0.2059	0.2327	0.2338	0.2194	0.1962	0.3126	0.1764
Ce-145	2.6329	2.0849	3.0040	3.4119	2.5616	1.8327	6.8980	4.3657
Cf-244	0.0821	0.0679	0.0757	0.0689	0.0578	0.0558	0.0677	0.0830
Cf-246	0.0565	0.0468	0.0521	0.0475	0.0399	0.0384	0.0468	0.0570
Cf-247	1.6898	1.5395	1.7272	1.5593	1.4454	1.4018	1.8765	1.3085
Cf-248	0.0680	0.0563	0.0628	0.0575	0.0482	0.0463	0.0573	0.0688
Cf-249	1.7002	1.3015	2.1128	2.1230	1.6392	1.2045	4.3516	2.5623
Cf-250	0.0683	0.0562	0.0669	0.0649	0.0531	0.0469	0.0906	0.0790
Cf-251	1.5296	1.4580	1.6091	1.4794	1.3911	1.3128	1.9843	1.1862
Cf-252	0.8231	0.6627	0.9376	1.0315	0.8046	0.5781	2.2566	1.2992
Cf-253	0.1862	0.1530	0.1700	0.1621	0.1336	0.1264	0.1508	0.1959
Cf-254	28.3721	22.7953	32.7024	36.3139	28.2501	19.9583	81.3931	45.8220
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34m	1.6395	1.4379	1.7337	1.8803	1.6385	1.2277	4.1980	2.0673
Cl-36	0.0003	0.0002	0.0003	0.0003	0.0002	0.0001	0.0003	0.0004
Cl-38	1.1236	0.9078	1.1147	1.2996	1.1217	0.7682	3.3576	1.5292
Cl-39	2.3598	2.0366	2.5788	2.9510	2.3471	1.7518	6.4620	3.6027
Cl-40	3.0352	2.4269	3.1601	3.7640	3.0313	2.0677	9.2076	4.7569
Cm-238	1.1835	1.1469	1.2425	1.0897	1.0738	1.0626	1.3696	0.7352
Cm-239	2.8171	2.7520	2.9979	2.8405	2.6624	2.4452	3.9644	2.1545
Cm-240	0.0912	0.0763	0.0862	0.0738	0.0634	0.0616	0.0774	0.0938
Cm-241	3.2953	2.7502	3.4801	3.6820	3.0262	2.4113	6.5424	4.1305
Cm-242	0.0818	0.0685	0.0774	0.0662	0.0569	0.0552	0.0694	0.0842
Cm-243	1.5245	1.4607	1.6573	1.4796	1.3708	1.3276	2.0078	1.2375
Cm-244	0.0702	0.0588	0.0664	0.0569	0.0488	0.0474	0.0597	0.0723
Cm-245	1.5303	1.4835	1.5985	1.4101	1.3774	1.3377	1.8314	1.0412
Cm-246	0.0621	0.0517	0.0600	0.0532	0.0450	0.0421	0.0651	0.0675
Cm-247	1.3949	1.0090	1.6928	1.8873	1.3758	0.8651	4.3156	2.5034
Cm-248	2.2643	1.8211	2.5995	2.8738	2.2388	1.5915	6.3898	3.6268
Cm-249	0.1244	0.0918	0.1334	0.1459	0.0964	0.0724	0.2428	0.2002
Cm-250	22.3826	17.9808	25.7816	28.6315	22.2830	15.7397	64.1791	36.1215
Cm-251	0.4648	0.3634	0.5090	0.5784	0.4463	0.3186	1.1722	0.7236
Co-54m	4.8827	3.6528	5.5830	6.5783	4.8595	3.0751	15.7033	8.8855
Co-55	2.1810	1.6780	2.5736	2.9302	2.1532	1.4100	7.1240	4.1289
Co-56	4.1973	3.3250	4.9400	5.6567	4.1334	2.7856	13.5471	7.6715
Co-57	1.6110	1.4684	1.7425	1.6104	1.4615	1.4039	2.0650	1.1807
Co-58	1.7862	1.4186	2.3101	2.5564	1.7185	1.1733	6.0387	3.6606

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Co-58m	0.1456	0.1029	0.1438	0.1488	0.0808	0.0722	0.1444	0.2152
Co-60	3.2763	2.5374	3.7216	4.4739	3.2785	2.1415	10.4704	5.9121
Co-60m	0.1788	0.1295	0.1803	0.1840	0.1076	0.0928	0.1919	0.2617
Co-61	0.7802	0.6394	1.0297	0.7909	0.7625	0.5431	1.3057	0.9170
Co-62	1.8868	1.4783	2.1594	2.5160	1.8867	1.2452	6.0460	3.3337
Co-62m	3.3458	2.6217	3.8442	4.4871	3.3445	2.2064	10.7723	5.9579
Cr-48	2.9371	2.7095	3.9007	3.1049	2.9293	2.9185	4.3895	2.1089
Cr-49	1.1484	1.0969	1.2944	1.1084	1.1310	0.9619	1.7391	0.8598
Cr-51	0.2418	0.1921	0.3310	0.2658	0.2100	0.2038	0.3570	0.2615
Cr-55	0.0007	0.0005	0.0007	0.0008	0.0007	0.0005	0.0020	0.0010
Cr-56	1.2627	1.0152	1.4046	1.2966	1.1681	0.9357	1.6123	0.9492
Cs-121	1.1091	0.9676	1.2208	1.3055	1.0932	0.8544	2.4880	1.4778
Cs-121m	2.0783	1.8251	2.3011	2.5074	2.0457	1.6137	4.5133	2.7054
Cs-123	1.4542	1.2035	1.5867	1.7467	1.4137	1.1211	3.1689	1.9734
Cs-124	0.6372	0.4927	0.8130	0.8037	0.6357	0.4905	1.6332	0.9343
Cs-125	1.2747	0.9708	1.3033	1.6119	1.2326	0.8923	3.0765	2.0308
Cs-126	1.0860	0.7904	1.2797	1.4485	1.0680	0.7026	3.2092	1.9143
Cs-127	2.0559	1.5393	2.2127	2.6104	1.9826	1.4211	5.0487	3.2545
Cs-128	0.7142	0.5139	0.7467	0.9403	0.6918	0.4565	1.9338	1.2561
Cs-129	1.7442	1.3187	1.8454	2.1330	1.6616	1.2914	3.6577	2.5451
Cs-130m	1.0903	0.8795	1.0377	1.1163	0.9870	0.8615	1.2802	1.0698
Cs-130	0.3645	0.2810	0.3012	0.4150	0.3327	0.2823	0.5333	0.4866
Cs-131	0.4773	0.3758	0.3511	0.5040	0.4211	0.3981	0.4062	0.5394
Cs-132	2.1825	1.6563	2.4130	2.9225	2.1216	1.4620	6.1153	3.9870
Cs-134	3.7135	2.8155	4.5229	5.3186	3.6961	2.3466	12.5515	7.5725
Cs-134m	0.4483	0.3745	0.4145	0.4592	0.3892	0.3722	0.4889	0.4404
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	3.2577	2.6015	4.2546	4.7246	3.2307	2.1775	11.4913	6.7659
Cs-136	4.6865	3.8122	5.9223	6.1606	4.6693	3.3999	14.0017	8.0397
Cs-137	1.4457	1.4757	1.4717	1.4569	1.4272	1.4308	1.4897	1.4272
Cs-138m	1.2221	0.9835	1.2337	1.4874	1.1780	0.8908	2.7391	1.7443
Cs-138	3.1865	2.4434	3.4757	4.1214	3.1738	2.0713	9.9169	5.4723
Cs-139	0.3254	0.2543	0.3571	0.4281	0.3253	0.2146	1.0180	0.5517
Cs-140	2.1796	1.6751	2.4181	2.8709	2.1753	1.4060	6.9156	3.8634
Cu-57	0.1683	0.1317	0.1996	0.2259	0.1677	0.1109	0.5532	0.3141
Cu-59	0.8189	0.6296	0.9958	1.1089	0.8175	0.5591	2.5257	1.4489
Cu-60	3.1859	2.5102	3.5005	4.1716	3.1743	2.1187	10.0236	5.4054
Cu-61	0.6570	0.5335	0.8065	0.8144	0.6226	0.4793	1.6129	1.0160
Cu-62	0.0140	0.0107	0.0158	0.0176	0.0121	0.0086	0.0361	0.0244
Cu-64	0.0947	0.0675	0.0944	0.0993	0.0560	0.0482	0.1104	0.1421

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Cu-66	0.1589	0.1244	0.1913	0.2070	0.1580	0.1049	0.5297	0.2995
Cu-67	1.0639	1.0395	1.1688	1.1421	1.0372	0.8966	1.6999	0.8969
Cu-69	0.9624	0.7447	1.1523	1.2963	0.9571	0.6261	3.2039	1.8516
Dy-148	2.2550	1.7359	2.4508	2.9975	2.1948	1.4229	6.1792	3.9829
Dy-149	3.3675	2.8151	3.6328	4.1923	3.2694	2.3712	8.5198	5.0697
Dy-150	1.4629	1.0807	1.6433	1.9333	1.4118	0.8891	4.0162	2.4889
Dy-151	3.4135	2.6960	3.7548	4.3881	3.3127	2.2629	9.1908	5.6258
Dy-152	2.1981	2.1663	2.3589	2.4283	2.1187	1.9039	3.7878	2.4476
Dy-153	3.5909	3.0902	3.7670	4.2570	3.4412	2.6375	7.2679	4.6553
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	2.7085	2.4553	2.8717	3.2232	2.6181	2.0793	5.5289	3.4707
Dy-157	2.1617	1.8194	2.8672	2.4802	2.1376	1.9348	3.5833	2.1720
Dy-159	0.7211	0.6258	0.6133	0.8047	0.6480	0.4961	0.8456	0.7977
Dy-165m	0.2226	0.1831	0.2198	0.2437	0.1820	0.1493	0.3166	0.2762
Dy-165	0.1723	0.1514	0.1824	0.1969	0.1639	0.1307	0.3059	0.2035
Dy-166	0.6111	0.5220	0.5982	0.6602	0.5437	0.4267	0.7717	0.6589
Dy-167	2.2725	1.9422	2.6920	2.7866	2.2468	1.7907	5.2826	3.2355
Dy-168	1.9717	1.6157	2.1084	2.4962	1.9184	1.3485	4.6830	2.9588
Er-154	0.8449	0.7185	0.7127	0.9369	0.7389	0.5951	0.8842	0.9794
Er-156	1.1059	0.9320	0.9988	1.2013	0.9352	0.7680	1.2944	1.3212
Er-159	2.7044	2.2193	2.9422	3.4344	2.6268	1.8498	6.7822	4.2850
Er-161	2.7705	2.3231	3.1758	3.5873	2.6707	1.9422	7.1676	4.5259
Er-163	0.6126	0.5451	0.5389	0.6772	0.5494	0.4303	0.7082	0.7090
Er-165	0.5907	0.5253	0.5193	0.6522	0.5284	0.4144	0.6779	0.6833
Er-167m	0.8493	0.8214	0.9117	0.9850	0.8102	0.6984	1.3366	0.8577
Er-169	0.0042	0.0030	0.0042	0.0043	0.0024	0.0021	0.0042	0.0062
Er-171	2.4013	2.1645	3.1830	2.6353	2.3813	2.2829	3.7751	2.1558
Er-172	2.2081	1.6901	2.4745	2.8824	2.1400	1.3943	5.9050	3.8125
Er-173	3.6750	3.3662	4.1594	4.3949	3.5813	2.9202	7.5595	4.4471
Es-249	2.5708	2.2099	2.9327	2.8468	2.4146	2.0476	4.9363	2.8706
Es-250	6.8175	5.9171	7.7106	7.3805	6.1841	5.4045	12.2972	7.7903
Es-250m	2.1647	1.9084	2.3622	2.3140	2.0117	1.7305	4.0824	2.3766
Es-251	1.5856	1.4641	1.6360	1.4604	1.3832	1.3390	1.7944	1.1932
Es-253	0.0233	0.0191	0.0220	0.0206	0.0169	0.0158	0.0221	0.0249
Es-254	0.7920	0.6474	0.7536	0.6822	0.5521	0.5226	0.6899	0.8645
Es-254m	1.4612	1.1246	1.6769	1.9165	1.3845	0.9420	4.1248	2.6360
Es-255	0.0012	0.0009	0.0013	0.0015	0.0011	0.0008	0.0033	0.0019
Es-256	0.1145	0.0936	0.1012	0.1028	0.0846	0.0792	0.0900	0.1172
Eu-142	0.3677	0.2925	0.4192	0.4875	0.3622	0.2446	1.1340	0.6389
Eu-142m	5.5667	4.2505	6.6183	7.6486	5.5016	3.5539	18.2188	10.8658

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Eu-143	0.5711	0.4613	0.5785	0.6911	0.5541	0.3881	1.4431	0.8083
Eu-144	0.2593	0.2072	0.2486	0.3044	0.2515	0.1740	0.6642	0.3565
Eu-145	2.4764	1.9687	2.7466	3.1936	2.4114	1.6422	7.0388	4.1272
Eu-146	5.0404	3.8913	5.8795	6.9001	4.9719	3.2376	15.7346	9.3808
Eu-147	2.1223	1.8150	2.2288	2.5561	2.0406	1.5620	4.2829	2.6248
Eu-148	5.9955	4.4461	6.6828	8.1597	5.9221	3.7132	18.2260	11.1581
Eu-149	0.7631	0.6257	0.7202	0.8619	0.6885	0.5366	1.0537	0.8177
Eu-150	5.4262	4.1125	6.6263	7.0991	5.3870	3.8350	14.5766	8.7003
Eu-150m	0.1921	0.1499	0.2279	0.2384	0.1872	0.1406	0.4313	0.2610
Eu-152	3.0860	2.5243	3.5469	3.8325	3.0250	2.2718	7.6734	4.4393
Eu-152m	0.8039	0.6558	0.9232	1.0189	0.7812	0.5690	2.1105	1.2508
Eu-152n	1.0353	0.9224	1.1316	1.0256	0.9439	0.8184	1.3338	0.7357
Eu-154	2.8279	2.3321	3.2626	3.6144	2.7876	2.0446	7.7198	4.4331
Eu-154m	1.0771	0.9352	1.1367	1.0847	0.9616	0.8125	1.3385	1.0205
Eu-155	0.7781	0.7189	0.8353	0.7781	0.7388	0.6489	1.0077	0.5175
Eu-156	1.7810	1.4195	2.0426	2.3322	1.7599	1.1936	5.3960	3.0079
Eu-157	1.6543	1.2859	1.8595	2.0422	1.5786	1.0918	3.7404	2.4953
Eu-158	2.3270	1.8400	2.7546	3.0380	2.2834	1.5435	7.1625	4.1263
Eu-159	1.6297	1.3714	1.7107	1.8816	1.5441	1.1433	3.0442	2.0301
F-17	0.0006	0.0005	0.0007	0.0008	0.0006	0.0004	0.0020	0.0011
F-18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-52	1.5600	1.5462	1.6265	1.6025	1.5365	1.2585	2.7311	1.5069
Fe-53	0.7270	0.5314	0.9403	0.9635	0.7242	0.4981	2.1137	1.2021
Fe-53m	4.7372	3.6742	5.5925	6.4141	4.7231	3.0860	15.5970	8.8958
Fe-55	0.1206	0.0853	0.1192	0.1232	0.0669	0.0598	0.1197	0.1784
Fe-59	1.7176	1.3467	1.9925	2.3165	1.7161	1.1378	5.4626	3.0970
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	2.2554	1.8261	2.7138	2.8765	2.2568	1.6409	6.5900	3.6406
Fe-62	1.7062	1.1756	1.7724	2.3981	1.6988	0.9846	5.3373	3.3982
Fm-251	1.5852	1.4305	1.6789	1.5788	1.4293	1.3259	2.1907	1.3545
Fm-252	0.0601	0.0496	0.0545	0.0520	0.0436	0.0414	0.0490	0.0605
Fm-253	1.2274	1.0996	1.2365	1.1275	1.0306	0.9922	1.3136	1.0269
Fm-254	0.0722	0.0593	0.0683	0.0673	0.0555	0.0499	0.0825	0.0798
Fm-255	0.6512	0.5397	0.6138	0.5482	0.4628	0.4415	0.5444	0.6811
Fm-256	21.1120	16.9685	24.3656	27.0423	21.0181	14.8623	60.5643	34.1378
Fm-257	1.6724	1.5537	1.7342	1.6220	1.4928	1.4034	2.1523	1.3980
Fr-212	3.1476	2.7043	3.5969	3.6918	2.9887	2.3427	6.9754	4.0587
Fr-219	0.0177	0.0139	0.0223	0.0215	0.0174	0.0134	0.0415	0.0239
Fr-220	0.1686	0.1427	0.1856	0.1575	0.1392	0.1194	0.2179	0.1550
Fr-221	0.2396	0.2323	0.2698	0.2677	0.2305	0.2023	0.4054	0.2317

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Fr-222	1.4145	1.3521	1.5567	1.5309	1.3171	1.1743	2.2293	1.3357
Fr-223	0.7472	0.6670	0.7566	0.7493	0.6479	0.5530	0.9433	0.7696
Fr-224	1.7130	1.5286	1.9467	2.0105	1.6516	1.3414	3.7591	2.1342
Fr-227	2.3923	2.0139	2.7448	2.7040	2.2870	1.7675	5.0151	2.9116
Ga-64	2.3327	1.8664	2.6614	3.0092	2.3211	1.5772	7.4997	4.0749
Ga-65	1.4146	1.2893	1.5853	1.5316	1.3433	1.1667	2.4981	1.4323
Ga-66	1.6366	1.3063	1.8133	2.0414	1.5799	1.0950	4.9122	2.7219
Ga-67	1.5429	1.3758	1.7806	1.6352	1.3774	1.2357	2.3287	1.4873
Ga-68	0.0893	0.0676	0.1002	0.1092	0.0759	0.0540	0.2266	0.1549
Ga-70	0.0166	0.0139	0.0191	0.0202	0.0160	0.0115	0.0454	0.0265
Ga-72	3.6212	2.8650	4.3222	4.8690	3.6050	2.4033	12.0145	6.6517
Ga-73	2.0965	1.7906	2.8036	2.3506	1.9489	1.8388	3.5670	2.3215
Ga-74	4.0176	3.0667	4.4289	5.2800	4.0113	2.5713	12.6897	7.0700
Gd-142	1.3973	1.1675	1.5246	1.7252	1.3684	1.0106	3.3232	1.9865
Gd-143m	3.9025	3.3659	4.5039	4.7815	3.8353	3.0111	9.4355	5.5367
Gd-144	0.8357	0.6772	0.8813	0.9994	0.8071	0.5916	1.8613	1.0992
Gd-145m	1.6901	1.3075	2.0827	2.3542	1.6420	1.1051	5.2766	3.2495
Gd-145	2.2259	1.8049	2.2811	2.6755	2.1840	1.5228	6.1273	3.1931
Gd-146	3.1119	2.8774	3.0146	3.2439	2.9699	2.5214	4.2551	2.5594
Gd-147	4.7002	3.9163	5.4412	5.9956	4.6070	3.3808	12.1679	7.2682
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	2.9478	2.5549	3.3685	3.4124	2.8835	2.3330	5.8037	3.5003
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	0.9246	0.8044	0.8457	1.0146	0.8339	0.6583	1.2530	0.9753
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	1.4858	1.3612	1.3963	1.5590	1.3904	1.1737	1.8364	1.1851
Gd-159	0.3568	0.2889	0.4099	0.4301	0.3435	0.2629	0.7079	0.4664
Gd-162	1.7458	1.2218	2.0441	2.4012	1.7132	1.0321	5.4506	3.2708
Ge-66	2.3599	1.9254	2.7139	2.8300	2.1972	1.7018	5.0680	3.2730
Ge-67	1.7668	1.6648	1.9012	1.9404	1.7548	1.3676	3.8086	2.0874
Ge-68	0.2961	0.2096	0.2926	0.3021	0.1644	0.1470	0.2940	0.4371
Ge-69	1.4426	1.0986	1.6649	1.8763	1.3364	0.9087	4.1679	2.6160
Ge-71	0.3003	0.2126	0.2968	0.3064	0.1668	0.1491	0.2982	0.4433
Ge-75	0.2183	0.2160	0.2616	0.2450	0.2166	0.2008	0.4187	0.2406
Ge-77	3.8143	3.3327	4.4907	4.7846	3.7846	2.9430	9.5176	5.5173
Ge-78	1.6436	1.5860	2.1432	1.8222	1.6489	1.5947	2.9944	1.6655
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	1.5046	1.3034	2.0889	1.6499	1.4896	1.3968	2.2857	1.4317
Hf-169	2.3622	1.7807	2.5303	3.0256	2.2842	1.4913	5.8945	4.0095
Hf-170	2.7851	2.3989	3.0237	3.1771	2.6385	2.0151	5.3401	3.6715

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Hf-172	1.6806	1.4392	1.7465	1.7532	1.4738	1.1979	2.0107	1.9054
Hf-173	3.3385	3.0420	3.9370	3.5298	3.2394	2.9385	4.9320	3.0026
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	2.2576	1.8627	2.9364	2.6078	2.1954	1.8326	4.1950	2.7411
Hf-177m	14.3061	12.8864	17.8542	16.3312	14.0749	12.3284	26.4914	15.7384
Hf-178m	11.0529	9.1355	13.0435	13.6686	10.8424	8.2614	25.6676	15.4869
Hf-179m	5.7266	4.8538	6.6782	6.7389	5.5515	4.3309	12.0465	7.4917
Hf-180m	5.4525	4.5507	6.6863	6.6133	5.3605	4.2442	11.8159	7.1837
Hf-181	2.6760	2.1000	2.9816	3.3046	2.6142	1.8793	6.3952	3.9602
Hf-182	1.6033	1.5651	1.9580	1.7413	1.5834	1.4774	2.8694	1.6836
Hf-182m	4.3635	3.6746	5.1686	5.2250	4.2364	3.2771	9.6372	6.0253
Hf-183	2.3589	1.8369	2.9354	3.1269	2.3096	1.5484	6.8193	4.1661
Hf-184	2.1990	1.8822	2.5319	2.3721	1.9884	1.6993	3.5178	2.4072
Hg-190	2.3944	2.1036	2.7334	2.3713	2.2157	1.8172	3.5778	2.2759
Hg-191m	5.2624	4.3822	6.2053	6.2901	5.0606	3.8148	12.4481	7.6208
Hg-192	2.5306	2.2203	3.1135	2.6135	2.3475	2.0092	3.9766	2.6172
Hg-193	2.7816	2.2592	3.3345	3.2257	2.6101	1.9166	6.2319	3.8704
Hg-193m	3.0314	2.3162	3.6064	3.7710	2.9125	1.9711	7.9405	4.8402
Hg-194	0.1679	0.1234	0.1659	0.1629	0.0967	0.0876	0.1701	0.2342
Hg-195	1.4064	1.1192	1.7031	1.4983	1.2397	0.9244	2.4475	1.7849
Hg-195m	1.7033	1.4291	1.9658	1.8214	1.4728	1.2113	2.8896	2.1329
Hg-197	1.1524	0.8979	1.4024	1.1304	0.9837	0.7455	1.5713	1.2135
Hg-197m	1.2490	1.0698	1.4271	1.2450	1.0998	0.9491	1.7386	1.1857
Hg-199m	1.8077	1.5781	2.0579	1.8341	1.6844	1.3063	3.1378	1.9555
Hg-203	1.4928	1.4081	1.9458	1.6345	1.4789	1.4049	2.6436	1.4945
Hg-205	0.0436	0.0415	0.0496	0.0503	0.0422	0.0358	0.0718	0.0412
Hg-206	0.6688	0.5727	0.9587	0.7461	0.6671	0.6254	1.1741	0.6468
Hg-207	4.2517	3.3462	5.0880	5.1601	4.2211	3.0689	11.9063	6.3506
Ho-150	2.3851	1.8743	2.9831	3.3994	2.3593	1.5594	8.0187	4.8125
Ho-153	2.4083	2.0743	2.9997	2.8712	2.3781	1.9976	5.0419	3.0410
Ho-153m	2.7163	2.3484	3.0253	3.2517	2.6452	2.0482	5.9737	3.6542
Ho-154m	7.0151	5.2697	8.5989	9.3134	6.9768	4.8510	19.7101	11.7739
Ho-154	3.5006	2.7563	4.4783	4.4389	3.4979	2.6790	9.0310	5.2075
Ho-155	2.0193	1.7843	2.1462	2.3420	1.9259	1.5448	3.7868	2.4612
Ho-156	4.4403	3.8896	5.0320	5.2806	4.3626	3.4598	10.3177	5.9516
Ho-157	2.9998	2.6301	3.3094	3.4835	2.8781	2.3317	5.4905	3.6436
Ho-159	3.1485	2.8896	3.3430	3.4450	3.0117	2.6052	4.7888	3.1005
Ho-160	4.4939	3.6378	5.2238	5.8903	4.3746	3.0350	12.6710	7.7585
Ho-161	0.9730	0.8342	0.8398	1.0758	0.8614	0.6881	1.0679	1.0627
Ho-162	0.8865	0.7572	0.8251	0.9987	0.8010	0.6091	1.2483	1.0359

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ho-162m	2.2100	1.9227	2.3587	2.6059	2.0804	1.6192	4.2857	2.8757
Ho-163	0.0048	0.0034	0.0048	0.0049	0.0027	0.0024	0.0048	0.0072
Ho-164	0.4653	0.4071	0.4180	0.5095	0.4148	0.3253	0.5461	0.5122
Ho-164m	0.8633	0.7318	0.7824	0.9350	0.7203	0.5751	0.9728	1.0450
Ho-166	0.2012	0.1644	0.2105	0.2156	0.1745	0.1349	0.2878	0.2234
Ho-166m	5.3769	4.5456	6.4669	6.9743	5.2883	3.9025	14.3879	8.5901
Ho-167	1.9476	1.5976	2.6409	2.3368	1.9430	1.6592	4.0547	2.3289
Ho-168	2.0944	1.6840	2.5987	2.8902	2.0482	1.4040	6.5418	3.9222
Ho-168m	0.1681	0.1368	0.1555	0.1799	0.1267	0.1036	0.1822	0.2170
Ho-170	4.5899	3.9376	5.3949	5.7240	4.4862	3.3640	12.1543	7.1930
I-118m	6.8939	5.1697	8.0433	9.5039	6.8698	4.3778	21.9209	13.2092
I-118	2.3678	1.7569	2.6977	3.2619	2.3584	1.4816	7.5232	4.5265
I-119	2.0540	1.9560	2.2855	2.3370	2.0066	1.7974	3.9723	2.4888
I-120	2.7900	2.1027	2.9621	3.6682	2.7667	1.7891	8.4078	4.9073
I-120m	5.9710	4.4043	6.6761	8.1994	5.9408	3.6998	18.8617	11.4029
I-121	2.0889	1.9163	2.1569	2.4724	2.0199	1.7219	3.5353	2.3269
I-122	0.4952	0.3652	0.5134	0.6620	0.4821	0.3199	1.3428	0.8855
I-123	1.8432	1.7144	1.7170	1.8871	1.7859	1.4685	2.8407	1.8963
I-124	1.9926	1.4987	2.0989	2.6221	1.9469	1.3053	5.5329	3.4832
I-125	0.9329	0.7243	0.6684	1.0335	0.8281	0.7387	0.7440	1.0317
I-126	1.5304	1.1309	1.7560	2.0637	1.4955	0.9990	4.3572	2.7365
I-128	0.2759	0.1941	0.2987	0.3761	0.2701	0.1668	0.8081	0.5109
I-129	0.5022	0.3966	0.3718	0.5341	0.4464	0.4121	0.4467	0.5585
I-130m	0.4280	0.3105	0.4194	0.5551	0.4054	0.2758	1.0531	0.7410
I-130	5.5925	4.1274	6.5969	7.9286	5.5662	3.4410	18.5126	11.2385
I-131	1.6499	1.6708	1.6852	1.6475	1.6146	1.6393	1.6705	1.5053
I-132	4.9132	3.7667	5.9903	6.9366	4.8918	3.1529	16.4732	9.7983
I-132m	1.2068	0.9614	1.3326	1.5555	1.1552	0.8327	3.0914	1.9975
I-133	1.7749	1.2621	1.9306	2.4880	1.7677	1.0576	5.6330	3.5152
I-134m	1.9837	1.8276	2.2039	2.2070	1.9205	1.7913	3.2330	2.1807
I-134	5.0040	3.9204	6.1335	6.8885	4.9716	3.3006	16.7163	9.6959
I-135	2.1759	1.7019	2.4597	2.8689	2.1715	1.4500	6.8118	3.7783
In-103	3.3683	2.8246	3.8643	4.3441	3.3418	2.3981	9.3787	5.3009
In-105	2.8642	2.4196	3.2240	3.5304	2.8219	2.1579	7.1391	4.0751
In-106	5.9018	4.5315	7.0266	8.0569	5.8582	3.8012	19.2663	11.4112
In-106m	2.6677	2.0465	2.9988	3.5440	2.6547	1.7153	8.4386	4.8090
In-107	2.6146	2.1928	2.8769	3.2455	2.5596	1.9495	6.1237	3.5487
In-108	7.5019	5.9988	8.8205	9.8971	7.4175	5.1558	22.5963	13.2334
In-108m	2.6893	2.0900	2.9275	3.5110	2.6529	1.7737	7.9913	4.6039
In-109	2.5188	2.1978	2.7030	3.0811	2.4316	1.9290	5.0108	3.0925

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
In-109m	1.5817	1.1796	1.8810	2.2251	1.5746	0.9810	5.1845	3.1584
In-110	6.9028	5.3138	8.2353	9.4544	6.7997	4.4745	22.1342	13.2867
In-110m	2.0353	1.5417	2.3371	2.7834	2.0040	1.2960	6.2729	3.8136
In-111	3.4644	3.4075	3.5680	3.7451	3.3585	2.9344	5.7999	3.5551
In-111m	1.5357	1.0801	1.6275	2.1427	1.5231	0.9070	4.7256	3.0071
In-112	0.2640	0.2004	0.2374	0.3225	0.2395	0.1789	0.4577	0.3620
In-112m	0.5503	0.4679	0.4505	0.5962	0.5049	0.4151	0.6061	0.5477
In-113m	1.2549	0.8931	1.4771	1.6894	1.2249	0.7832	3.6120	2.1801
In-114	0.0058	0.0044	0.0055	0.0074	0.0054	0.0038	0.0127	0.0087
In-114m	0.5852	0.5003	0.5619	0.6997	0.5506	0.4398	0.9424	0.6850
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	0.9583	0.7652	1.2609	1.1348	0.9467	0.8436	1.6972	1.0403
In-116m	3.5262	2.7216	4.0456	4.7522	3.5186	2.2985	11.2419	6.2997
In-117	3.0508	2.5488	3.2102	3.7065	3.0437	2.0879	7.7881	4.6861
In-117m	0.6732	0.5985	0.8174	0.7236	0.6677	0.6053	1.0278	0.6128
In-118m	4.4864	3.4703	5.2982	6.1445	4.4770	2.9158	14.6402	8.4451
In-118	0.1104	0.0847	0.1267	0.1540	0.1105	0.0712	0.3549	0.2046
In-119	1.7735	1.3970	2.2384	2.5569	1.7409	1.1702	5.9190	3.5870
In-119m	0.1754	0.1385	0.1955	0.2164	0.1667	0.1305	0.3761	0.2456
In-121	1.8097	1.4555	2.2513	2.4198	1.7965	1.2341	5.9869	3.4502
In-121m	0.4443	0.3584	0.4238	0.5029	0.4189	0.3227	0.5699	0.5408
Ir-180	3.7606	3.1682	4.6072	4.5458	3.6603	2.8463	9.0047	5.4726
Ir-182	3.4829	3.0232	4.1995	4.0386	3.3702	2.7374	7.5421	4.5559
Ir-183	3.3012	2.7091	3.9306	3.8040	3.1346	2.3181	7.3679	4.6786
Ir-184	5.4205	4.5514	6.4261	6.4820	5.2518	3.9873	13.0688	7.8990
Ir-185	2.7969	2.3430	3.2097	3.0325	2.5645	1.9585	5.3672	3.6626
Ir-186	5.1664	4.2498	6.3355	6.1481	5.0354	3.8649	12.0469	7.2680
Ir-186m	2.9541	2.4046	3.5703	3.6031	2.8595	2.0690	7.6001	4.6161
Ir-187	1.8452	1.4663	2.2384	2.0670	1.6906	1.2066	3.7212	2.7021
Ir-188	3.6245	2.9541	4.0783	4.2386	3.5150	2.4559	9.1266	5.3033
Ir-189	1.1098	0.9254	1.3349	1.1106	0.9680	0.7543	1.5512	1.3660
Ir-190	6.1109	4.7847	7.1705	7.8073	5.9788	4.0916	15.9842	9.9515
Ir-190m	0.1655	0.1179	0.1635	0.1673	0.0925	0.0829	0.1652	0.2417
Ir-190n	0.8662	0.7125	1.0533	0.8565	0.7666	0.5833	1.1788	1.0495
Ir-191m	1.1431	0.9553	1.3279	1.1331	0.9914	0.8262	1.5159	1.1991
Ir-192	3.6973	2.9964	5.1007	4.4727	3.7356	3.2106	7.9862	4.5592
Ir-192m	0.1858	0.1348	0.1836	0.1837	0.1058	0.0953	0.1881	0.2640
Ir-192n	0.3918	0.2853	0.3887	0.3867	0.2258	0.2023	0.4002	0.5539
Ir-193m	0.1672	0.1198	0.1665	0.1685	0.0952	0.0847	0.1689	0.2423
Ir-194	0.3374	0.2776	0.4828	0.4034	0.3422	0.3033	0.7247	0.3965

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ir-194m	8.2656	6.2069	10.3238	10.9194	8.2600	5.8563	23.0291	13.7530
Ir-195	0.8786	0.7338	1.0435	0.8627	0.7675	0.6178	1.1781	0.9172
Ir-195m	2.0560	1.6709	2.5536	2.4269	1.9721	1.5217	4.4857	2.7821
Ir-196	0.7122	0.5493	0.9426	0.9391	0.7120	0.5256	2.0147	1.1585
Ir-196m	8.9116	6.5161	10.6924	12.0171	8.8145	5.7395	26.5765	15.9506
K-38	1.4921	1.2284	1.5285	1.7366	1.4935	1.0296	4.4792	1.9530
K-40	0.1716	0.1332	0.1748	0.2139	0.1701	0.1134	0.5182	0.2739
K-42	0.2911	0.2273	0.2879	0.3474	0.2900	0.1965	0.8672	0.4388
K-43	3.2854	2.4294	4.0658	4.4558	3.2807	2.1690	9.9731	5.8818
K-44	2.4200	1.9156	2.7165	3.1318	2.4173	1.6207	7.6521	4.0978
K-45	2.7167	2.3868	2.8260	3.1178	2.7112	1.9994	6.8164	3.4683
K-46	2.3870	1.8913	2.5712	3.1727	2.3892	1.6066	7.3935	4.0154
Kr-74	1.9780	1.8099	2.3512	2.1421	1.8969	1.6734	3.3203	1.8748
Kr-75	1.8082	1.6854	1.9622	1.8838	1.7611	1.5302	3.1537	1.6431
Kr-76	2.5019	2.1227	3.1260	2.8522	2.3643	2.0544	4.8783	3.0075
Kr-77	1.8864	1.7795	2.0777	1.9109	1.8429	1.6914	2.8659	1.4142
Kr-79	1.0213	0.8463	1.1715	1.1736	0.9048	0.7228	2.1953	1.4562
Kr-81	0.3071	0.2430	0.3042	0.2696	0.1912	0.1767	0.3327	0.3762
Kr-81m	1.1462	1.1214	1.2474	1.2824	1.1062	0.9461	1.8828	1.0711
Kr-83m	0.1370	0.1068	0.1352	0.1217	0.0837	0.0772	0.1438	0.1725
Kr-85	0.0074	0.0051	0.0078	0.0104	0.0074	0.0043	0.0232	0.0147
Kr-85m	1.3583	1.3192	1.5113	1.3521	1.3536	1.1708	2.3109	1.2021
Kr-87	1.3606	0.9986	1.5899	1.8219	1.3495	0.8351	4.4037	2.4470
Kr-88	2.1603	1.8218	2.3312	2.5860	2.1401	1.5471	5.8808	2.9506
Kr-89	2.7830	2.2360	3.1486	3.6191	2.7698	1.9169	8.2667	4.6542
La-128	5.1646	4.1322	6.1260	6.6358	5.1456	3.7662	14.3073	8.4183
La-129	1.8259	1.5772	2.0667	2.1207	1.7842	1.5230	3.7226	2.2874
La-130	3.6919	2.8042	4.4769	4.8209	3.6761	2.6012	10.5659	6.1785
La-131	2.2818	1.8777	2.5068	2.7004	2.2124	1.8008	4.8201	3.0295
La-132	3.2490	2.3977	3.4856	4.3003	3.1990	2.0692	9.6380	5.8335
La-132m	2.5525	2.0888	2.7811	3.0892	2.4882	1.9038	5.9738	3.6514
La-133	0.7348	0.5897	0.6784	0.7960	0.6547	0.5995	1.0277	0.9284
La-134	0.3086	0.2396	0.2781	0.3553	0.2858	0.2360	0.5644	0.4431
La-135	0.5355	0.4243	0.4176	0.5558	0.4744	0.4513	0.5695	0.6384
La-136	0.3784	0.3018	0.3137	0.4057	0.3385	0.3150	0.4830	0.4778
La-137	0.4865	0.3880	0.3693	0.4936	0.4270	0.4173	0.4506	0.5564
La-138	1.8732	1.4726	2.0286	2.4291	1.8334	1.2915	5.4670	3.1935
La-140	3.4661	2.6647	3.8127	4.3821	3.4537	2.3543	10.4053	5.7003
La-141	0.0307	0.0239	0.0332	0.0406	0.0307	0.0202	0.0957	0.0521
La-142	2.4476	1.9202	2.7124	3.1418	2.4438	1.6156	7.7002	4.1371

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
La-143	0.3545	0.2740	0.4022	0.4706	0.3536	0.2300	1.1404	0.6344
Lu-165	3.1085	2.6751	3.3960	3.6169	2.9899	2.3181	6.3364	4.0093
Lu-167	3.6601	3.0674	3.9321	4.3809	3.5201	2.6189	8.4537	5.2131
Lu-169m	0.1216	0.0860	0.1202	0.1242	0.0675	0.0603	0.1207	0.1797
Lu-169	3.2831	2.7671	3.5920	3.9559	3.1559	2.3011	7.6735	4.8463
Lu-170	3.4390	2.8056	3.7092	4.1981	3.3328	2.3393	8.9971	5.2680
Lu-171m	0.1317	0.0937	0.1309	0.1344	0.0747	0.0662	0.1322	0.1930
Lu-171	2.7171	2.2297	3.0586	3.3415	2.4969	1.8115	6.0626	4.3387
Lu-172	4.8702	3.9936	5.6202	6.1103	4.7081	3.3495	12.8597	7.8990
Lu-172m	0.1093	0.0773	0.1081	0.1117	0.0607	0.0542	0.1085	0.1616
Lu-173	1.9622	1.7762	2.0938	2.1044	1.8190	1.4956	2.7316	2.2319
Lu-174	0.8975	0.7716	0.9179	0.9803	0.7982	0.6144	1.2447	1.1395
Lu-174m	1.0087	0.8452	1.0454	1.0562	0.8415	0.6627	1.2301	1.2783
Lu-176	3.2998	3.0147	4.2826	3.7298	3.2456	2.9967	5.3058	3.0537
Lu-176m	0.2387	0.2019	0.2640	0.2393	0.2017	0.1679	0.2968	0.2450
Lu-177	0.3288	0.3170	0.3650	0.3612	0.3154	0.2808	0.4971	0.2966
Lu-177m	7.0893	6.4054	8.3135	8.0896	6.9085	5.7766	13.2796	8.0250
Lu-178	0.3057	0.2567	0.3351	0.3536	0.2850	0.2176	0.6447	0.4003
Lu-178m	6.2089	5.2486	7.7555	7.3506	6.1011	4.9760	12.8393	7.4257
Lu-179	0.2156	0.2128	0.2423	0.2503	0.2120	0.1862	0.3761	0.2155
Lu-180	3.4120	2.7348	4.0143	4.3688	3.3562	2.3857	9.2980	5.3830
Lu-181	2.3825	1.9800	2.7761	2.9538	2.2753	1.7059	5.6189	3.5997
Mg-27	1.6750	1.3323	2.1299	2.3238	1.6629	1.1171	5.7970	3.3531
Mg-28	2.6508	2.0207	2.9116	3.4588	2.6041	1.7861	7.6865	4.5949
Mn-50m	5.4898	4.3022	6.5190	7.5196	5.4707	3.6175	18.1507	10.3357
Mn-51	0.0114	0.0088	0.0133	0.0149	0.0101	0.0071	0.0316	0.0207
Mn-52	4.9893	3.8995	5.9067	6.7428	4.9359	3.2795	16.3901	9.3622
Mn-52m	1.6007	1.2416	1.6672	2.0388	1.5975	1.0592	4.9057	2.6107
Mn-53	0.0982	0.0694	0.0971	0.1004	0.0545	0.0487	0.0974	0.1453
Mn-54	1.7553	1.3929	2.2579	2.4856	1.6988	1.1554	5.9527	3.5727
Mn-56	2.2973	1.8435	2.7893	3.1117	2.2839	1.5460	7.7534	4.2693
Mn-57	0.5807	0.4863	0.6462	0.6285	0.5030	0.4325	1.0247	0.6927
Mn-58m	3.7047	2.8836	4.4128	5.1587	3.6892	2.4222	12.3225	7.0581
Mo-101	2.7844	2.1993	3.1437	3.6296	2.7478	1.8597	8.1835	4.7030
Mo-102	0.1523	0.1503	0.1666	0.1660	0.1504	0.1312	0.2614	0.1422
Mo-89	0.3595	0.2813	0.4222	0.4805	0.3546	0.2356	1.1458	0.6602
Mo-90	3.4981	3.3059	3.9186	3.6188	3.3091	3.0278	6.0090	3.5774
Mo-91m	1.5641	1.1955	1.7746	2.0934	1.5514	1.0030	4.9577	2.8698
Mo-91	0.0433	0.0378	0.0428	0.0357	0.0355	0.0316	0.0641	0.0481
Mo-93	0.4457	0.4052	0.4419	0.2912	0.3268	0.3345	0.3302	0.4146

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Mo-93m	4.3535	3.5913	4.9268	5.4918	4.2943	3.1125	12.3471	7.0556
Mo-99	0.4854	0.4135	0.5787	0.6224	0.4765	0.3528	1.3104	0.7688
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	1.0498	0.9273	1.2075	1.3185	1.0495	0.8148	3.2561	1.3918
Na-22	1.6368	1.2628	1.8628	2.3023	1.6418	1.0637	5.2105	2.9796
Na-24	3.1150	2.4818	3.2558	3.8900	3.1170	2.1068	9.4320	4.8891
Nb-87	2.2140	2.1559	2.4339	2.3952	2.1107	1.8838	3.3408	1.9528
Nb-88m	6.0206	4.6012	7.0898	8.0516	5.9795	3.8814	19.4168	11.1764
Nb-88	7.2035	5.5936	8.4687	9.3472	7.0834	4.7627	21.8417	12.8747
Nb-89	0.6173	0.5055	0.6506	0.7027	0.5864	0.4258	1.6397	0.9222
Nb-89m	1.6157	1.1482	1.7107	2.2066	1.5845	0.9590	4.8904	3.1327
Nb-90	4.6620	3.9302	5.0598	5.3399	4.5611	3.3708	12.1659	6.3282
Nb-91	0.4432	0.4085	0.4529	0.2733	0.3215	0.3307	0.3395	0.4277
Nb-91m	0.4181	0.3764	0.4212	0.2998	0.3169	0.3117	0.3971	0.4174
Nb-92	3.7915	2.9174	4.3862	4.8828	3.6565	2.4319	11.4651	7.0649
Nb-92m	2.1485	1.7566	2.5776	2.5588	2.0138	1.4641	6.1681	3.7596
Nb-93m	0.0864	0.0771	0.0856	0.0589	0.0621	0.0631	0.0657	0.0840
Nb-94m	0.3128	0.2829	0.3125	0.2119	0.2312	0.2334	0.2557	0.3016
Nb-94	3.2860	2.5664	4.1551	4.6653	3.2665	2.1423	11.3545	6.7008
Nb-95	1.6502	1.3054	2.1482	2.4195	1.6390	1.0881	5.8217	3.4550
Nb-95m	0.7369	0.7204	0.7848	0.6913	0.6508	0.6168	1.0325	0.7453
Nb-96	5.2874	4.0682	6.4196	7.4328	5.2593	3.4200	17.5683	10.4182
Nb-97	1.6631	1.2463	2.0036	2.3500	1.6588	1.0345	5.5488	3.3535
Nb-98m	5.1016	4.0214	6.3203	7.1182	5.0771	3.4105	17.0008	9.8173
Nb-99	2.0573	1.9988	2.1823	1.9456	1.9678	1.8414	2.7824	1.3799
Nb-99m	1.0494	0.8669	1.1739	1.2771	1.0353	0.7562	2.8666	1.5545
Nd-134	2.3615	2.1679	2.4925	2.5579	2.3075	1.9228	4.1793	2.5032
Nd-135	2.9232	2.4757	3.1005	3.5887	2.8366	2.1588	6.2791	3.9062
Nd-136	1.7691	1.5096	1.7033	1.9638	1.6689	1.3735	2.8870	1.9178
Nd-137	2.5192	1.9996	2.7853	3.1357	2.4421	1.7958	6.1107	3.7908
Nd-138	0.6033	0.4891	0.5262	0.6566	0.5486	0.4655	0.7247	0.6338
Nd-139	0.7799	0.6058	0.7646	0.9473	0.7352	0.5383	1.6602	1.1314
Nd-139m	4.1351	3.3723	4.7384	5.2971	4.0368	2.9608	11.1800	6.6609
Nd-140	0.5104	0.4087	0.4042	0.5498	0.4555	0.3802	0.5644	0.5439
Nd-141	0.5404	0.4327	0.4392	0.5901	0.4861	0.4005	0.6613	0.5968
Nd-141m	1.5555	1.2255	1.9908	2.2582	1.5414	1.0230	5.3612	3.2024
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	0.9526	0.7882	0.9876	1.0949	0.9128	0.7005	1.7697	1.0837
Nd-149	2.1852	1.9740	2.4760	2.5545	2.1492	1.7874	4.3489	2.5229
Nd-151	2.6647	2.3064	3.0524	3.2219	2.6328	2.0641	6.3832	3.5884

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Nd-152	1.0320	0.9873	1.2382	1.1396	1.0039	0.9299	1.8971	1.1492
Ne-19	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0004	0.0002
Ne-24	1.8378	1.2798	2.0192	2.5773	1.8256	1.0701	5.8738	3.6297
Ni-56	5.3268	4.5803	6.2181	6.6646	5.2338	3.8361	14.5016	8.5336
Ni-57	1.9181	1.5277	2.0417	2.3981	1.8718	1.3200	5.3423	2.8979
Ni-59	0.1703	0.1204	0.1683	0.1740	0.0945	0.0844	0.1690	0.2519
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.7345	0.5691	0.8131	0.9386	0.7330	0.4927	2.2668	1.2282
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	4.4833	3.9077	5.5963	5.1705	4.2796	3.6542	9.8635	5.6821
Np-233	1.2362	1.2048	1.3264	1.1280	1.1204	1.0956	1.4846	0.7816
Np-234	2.4489	2.1224	2.5743	2.6278	2.2811	1.8506	5.2010	2.8769
Np-235	0.3045	0.2534	0.2975	0.2470	0.2051	0.1984	0.2761	0.3340
Np-236	2.5092	2.3696	2.5714	2.2211	2.1577	2.0227	3.0438	2.0435
Np-236m	0.6781	0.6522	0.7188	0.6168	0.6035	0.5851	0.8191	0.4632
Np-237	0.7640	0.6599	0.7671	0.6682	0.6055	0.5666	0.7945	0.7114
Np-238	1.2638	1.0089	1.4621	1.5062	1.1750	0.8440	3.5401	2.1487
Np-239	2.0392	1.9675	2.2381	1.9780	1.8652	1.8131	2.6852	1.5537
Np-240	3.6762	3.0335	4.1092	4.3338	3.4300	2.5862	8.8873	5.5081
Np-240m	1.0491	0.8084	1.1462	1.2978	0.9727	0.6787	2.7242	1.7711
Np-241	0.4903	0.4724	0.5150	0.4602	0.4448	0.4264	0.6217	0.3510
Np-242	0.4233	0.3354	0.4884	0.5498	0.4093	0.2808	1.2925	0.7443
Np-242m	3.0455	2.6035	3.5358	3.5836	2.8026	2.1960	7.4224	4.6484
O-14	1.5039	1.2269	1.5170	1.7078	1.5063	1.0332	4.4434	1.9254
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	2.4206	2.2054	2.6645	2.9860	2.4072	1.8952	5.3006	2.8956
Os-180	1.2764	1.0292	1.4976	1.3404	1.1094	0.8457	1.9601	1.6679
Os-181	4.2359	3.6473	5.0229	4.9973	4.0618	3.1002	9.8203	6.1621
Os-182	2.6674	2.2009	2.9642	3.1097	2.5203	1.8370	5.5063	3.7973
Os-183	3.7356	3.0004	4.5865	4.3458	3.5650	2.6094	8.0940	5.2685
Os-183m	2.3095	1.8404	2.7591	2.8066	2.2131	1.5294	6.0186	3.8083
Os-185	2.3418	1.8175	2.8261	2.9828	2.2510	1.4947	6.2992	4.1291
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	0.1588	0.1130	0.1570	0.1611	0.0886	0.0793	0.1583	0.2328
Os-190m	6.3786	4.9378	7.4432	8.2897	6.2637	4.3378	16.9918	10.4288
Os-191	1.2304	1.0327	1.4363	1.2198	1.0789	0.8977	1.6442	1.2760
Os-191m	0.2373	0.1783	0.2577	0.2371	0.1624	0.1333	0.2701	0.3266
Os-193	0.4728	0.3822	0.5621	0.5297	0.4391	0.3344	0.9200	0.6147
Os-194	0.1737	0.1302	0.1657	0.1777	0.1117	0.0949	0.1832	0.2336
Os-196	0.5177	0.4305	0.6326	0.5937	0.4980	0.3895	1.0444	0.6538

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
P-30	0.0011	0.0009	0.0011	0.0013	0.0011	0.0008	0.0033	0.0015
P-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pa-227	0.4227	0.3766	0.4615	0.3731	0.3519	0.3205	0.4885	0.3753
Pa-228	4.5088	3.7813	5.2396	5.1699	4.2177	3.3175	10.4238	6.1588
Pa-229	1.0219	0.9592	1.1083	0.9182	0.8983	0.8521	1.2127	0.6944
Pa-230	2.4855	2.0910	2.8382	2.8033	2.3006	1.7988	5.6635	3.3808
Pa-231	0.7073	0.5947	0.7590	0.6491	0.5459	0.5192	0.8029	0.7649
Pa-232	2.6128	2.0893	3.0344	3.2367	2.4768	1.7551	7.2915	4.4221
Pa-233	1.7820	1.5879	2.2664	1.7982	1.6563	1.6055	2.5888	1.5138
Pa-234	4.7096	4.0128	5.4268	5.5484	4.4438	3.4708	11.3684	6.7825
Pa-234m	0.0392	0.0328	0.0456	0.0465	0.0371	0.0281	0.1033	0.0603
Pa-235	0.0575	0.0407	0.0568	0.0586	0.0319	0.0286	0.0571	0.0848
Pa-236	1.8502	1.4664	2.0825	2.2969	1.7636	1.2357	5.1371	3.0366
Pa-237	1.4521	1.1136	1.7526	2.0111	1.4243	0.9386	4.6989	2.8403
Pb-194	3.4721	2.7882	4.0771	4.1001	3.3124	2.4045	7.9980	4.7645
Pb-195m	5.5063	4.1409	6.8419	7.0455	5.2852	3.5963	15.2520	9.1184
Pb-196	3.0051	2.4979	3.5315	3.4105	2.8394	2.1778	6.0904	3.7942
Pb-197	3.5905	2.7524	4.3683	4.4869	3.4657	2.3749	9.7346	5.6229
Pb-197m	4.6142	3.5860	5.6506	5.7355	4.4117	3.1117	11.8434	7.0836
Pb-198	2.8603	2.3935	3.5902	3.1640	2.7156	2.1969	5.4630	3.2776
Pb-199	2.8689	2.2247	3.5545	3.4353	2.7552	1.9961	7.0078	4.0616
Pb-200	2.2203	1.9150	2.5856	2.2320	2.0405	1.6553	3.4812	2.1669
Pb-201	3.2354	2.5729	4.3554	3.7703	3.1366	2.5392	6.8973	4.0130
Pb-201m	1.2701	0.9555	1.5082	1.6215	1.2196	0.7991	3.4720	2.1396
Pb-202	0.1607	0.1167	0.1587	0.1586	0.0915	0.0825	0.1626	0.2281
Pb-202m	5.1207	3.8514	6.2164	6.9662	5.0327	3.2242	16.5541	9.7885
Pb-203	2.4232	2.1334	3.0827	2.5684	2.3000	2.0188	4.0591	2.4464
Pb-204m	4.7919	3.7119	6.1293	6.4437	4.7517	3.2475	15.4023	8.8529
Pb-205	0.1627	0.1181	0.1607	0.1605	0.0926	0.0835	0.1645	0.2309
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	0.2040	0.1619	0.1971	0.1893	0.1333	0.1192	0.2128	0.2555
Pb-211	0.1922	0.1431	0.2375	0.2654	0.1888	0.1200	0.6200	0.3653
Pb-212	1.2150	1.1407	1.4139	1.2931	1.1515	1.0090	2.0555	1.1993
Pb-214	1.4474	1.2078	1.9276	1.6649	1.4111	1.2105	2.9089	1.6570
Pd-100	1.9564	1.5991	2.0314	1.9133	1.7253	1.4591	2.2512	1.4489
Pd-101	1.7011	1.3893	1.7558	1.8925	1.5155	1.3021	2.7920	1.9346
Pd-103	0.4538	0.3636	0.3572	0.4336	0.3487	0.3291	0.3318	0.3605
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.0381	0.9962	1.0795	1.1598	0.9979	0.8545	1.5973	0.9437

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Pd-109	0.2652	0.2115	0.2167	0.2783	0.2221	0.1936	0.2224	0.2335
Pd-111	0.1127	0.0850	0.1293	0.1497	0.1115	0.0729	0.3338	0.1993
Pd-112	0.1892	0.1611	0.1700	0.1512	0.1392	0.1379	0.1412	0.1647
Pd-114	0.1982	0.1883	0.2253	0.2196	0.1952	0.1773	0.3424	0.1842
Pd-96	3.3002	2.6979	3.7642	4.1511	3.1957	2.4325	8.3744	4.8903
Pd-97	3.2413	2.7220	3.6546	4.0081	3.1871	2.3993	8.6624	4.9211
Pd-98	2.1967	1.9502	2.3132	2.3741	2.0524	1.7843	3.7254	2.1608
Pd-99	2.5782	2.2472	2.8236	2.9423	2.4974	2.0356	5.4878	3.0538
Pm-136	5.0260	3.8350	6.3640	6.8607	5.0084	3.4275	15.5778	9.1417
Pm-137m	4.6525	3.9989	5.1861	5.6206	4.5769	3.5560	10.5632	6.2353
Pm-139	0.7833	0.5917	0.8599	1.0080	0.7596	0.5131	2.0785	1.2624
Pm-140m	5.3378	4.0641	6.4645	7.3231	5.2776	3.4121	17.5250	10.2775
Pm-140	0.3224	0.2529	0.3581	0.4256	0.3152	0.2138	0.9216	0.5585
Pm-141	0.5461	0.4387	0.5291	0.6576	0.5180	0.3803	1.1613	0.7478
Pm-142	0.1913	0.1521	0.1661	0.2160	0.1782	0.1333	0.3470	0.2340
Pm-143	1.1573	0.9167	1.2331	1.4965	1.0993	0.7862	2.8200	1.8694
Pm-144	4.6204	3.4448	5.2554	6.3708	4.5510	2.8889	14.1448	8.7956
Pm-145	0.5419	0.4353	0.4467	0.5905	0.4844	0.3851	0.6300	0.5694
Pm-146	2.4373	1.8102	2.7684	3.3570	2.3866	1.5243	7.3590	4.5662
Pm-147	0.0001	0.0000	0.0001	0.0001	0.0001	0.0000	0.0001	0.0000
Pm-148	0.9648	0.7257	1.0627	1.2896	0.9611	0.6118	3.0784	1.7776
Pm-148m	5.4929	4.0909	6.4255	7.5611	5.4691	3.4757	17.3689	10.5190
Pm-149	0.0608	0.0556	0.0804	0.0694	0.0606	0.0567	0.1164	0.0662
Pm-150	2.9453	2.3284	3.8065	3.8081	2.9633	2.2434	8.2005	4.5536
Pm-151	1.7252	1.4985	2.0676	2.0379	1.7052	1.3891	3.6350	2.1108
Pm-152m	4.3829	3.8698	5.0712	5.2544	4.3294	3.5105	10.3083	5.8097
Pm-152	0.7381	0.6229	0.8439	0.9033	0.7246	0.5578	1.8449	1.0318
Pm-153	0.8224	0.7397	0.8489	0.8657	0.7841	0.6975	1.1570	0.6713
Pm-154	2.4070	1.9333	2.7094	3.0269	2.3698	1.6322	7.0359	3.8072
Pm-154m	4.0239	3.3657	4.5009	4.9494	3.9681	2.9188	10.2086	5.7648
Po-203	3.8356	3.1063	4.5807	4.6622	3.6688	2.6397	9.9679	5.7397
Po-204	4.7889	3.9035	5.7898	5.4666	4.4592	3.4119	10.4739	6.3266
Po-205	3.7062	2.9643	4.5031	4.5634	3.5496	2.5229	10.0552	5.7897
Po-206	4.2566	3.3614	5.1939	5.0843	4.0251	3.0033	10.1919	6.1479
Po-207	3.3683	2.6518	4.1232	4.1234	3.2277	2.2669	9.1453	5.2894
Po-208	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	0.0001
Po-209	0.0325	0.0272	0.0378	0.0364	0.0279	0.0229	0.0630	0.0441
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000
Po-211	0.0188	0.0142	0.0225	0.0261	0.0187	0.0119	0.0624	0.0373
Po-212m	0.0737	0.0565	0.0774	0.0922	0.0736	0.0476	0.2239	0.1196

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Po-212	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0003	0.0002
Po-214	0.0002	0.0001	0.0002	0.0003	0.0002	0.0001	0.0006	0.0004
Po-215	0.0007	0.0005	0.0008	0.0010	0.0007	0.0004	0.0022	0.0013
Po-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0001
Po-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-134	6.7499	5.2050	8.2120	8.9688	6.7109	4.6157	19.8954	11.6355
Pr-134m	3.0982	2.2897	3.5277	4.1227	3.0630	1.9306	9.6922	5.5394
Pr-135	1.7217	1.4454	1.9252	1.9966	1.6651	1.3940	3.2571	2.0615
Pr-136	3.3921	2.4863	3.6355	4.5604	3.3563	2.1086	10.2936	6.2764
Pr-137	0.5712	0.4532	0.5177	0.6526	0.5277	0.4255	0.9738	0.7445
Pr-138	0.1989	0.1582	0.1867	0.2346	0.1842	0.1469	0.3739	0.2769
Pr-138m	5.4276	4.4082	6.8817	7.0189	5.3817	4.1058	15.2513	8.9164
Pr-139	0.4962	0.3967	0.3941	0.5292	0.4438	0.3855	0.5670	0.5499
Pr-140	0.2636	0.2105	0.2093	0.2799	0.2357	0.2054	0.2968	0.2895
Pr-142	0.0577	0.0450	0.0544	0.0663	0.0573	0.0387	0.1709	0.0841
Pr-142m	0.0077	0.0055	0.0076	0.0079	0.0043	0.0038	0.0077	0.0114
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0373	0.0292	0.0430	0.0497	0.0372	0.0244	0.1212	0.0665
Pr-144m	0.2330	0.1838	0.1917	0.2501	0.1983	0.1659	0.2606	0.2630
Pr-145	0.0443	0.0346	0.0526	0.0589	0.0435	0.0295	0.1320	0.0794
Pr-146	1.7985	1.3312	2.0031	2.4271	1.7882	1.1190	5.7488	3.3090
Pr-147	2.0405	1.6301	2.2477	2.4481	1.9673	1.5045	4.2272	2.6651
Pr-148	2.1837	1.8129	2.8437	2.7096	2.2004	1.7937	5.5014	3.0448
Pr-148m	3.2817	2.6540	4.2932	4.1438	3.3012	2.6373	8.2569	4.7525
Pt-184	5.0435	4.2486	5.9422	5.5772	4.7244	3.5784	9.5745	6.4506
Pt-186	2.8224	2.2512	3.4634	3.4362	2.6845	1.8895	6.8121	4.4737
Pt-187	3.1014	2.5980	3.7950	3.4535	2.9073	2.2524	5.9547	3.9912
Pt-188	2.0148	1.7137	2.3945	2.1665	1.8555	1.4321	3.3366	2.3779
Pt-189	2.7869	2.2762	3.3798	3.0973	2.5872	1.9355	5.4136	3.7492
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	2.3670	1.8892	2.8845	2.5731	2.1825	1.5973	4.3395	3.1155
Pt-193	0.1706	0.1231	0.1685	0.1698	0.0965	0.0868	0.1718	0.2447
Pt-193m	0.3273	0.2480	0.3643	0.3235	0.2356	0.1903	0.3895	0.4204
Pt-195m	1.3236	1.0745	1.5410	1.2936	1.0973	0.8871	1.7002	1.4599
Pt-197	0.3894	0.3079	0.4501	0.3923	0.3201	0.2546	0.5298	0.3967
Pt-197m	0.9589	0.7561	1.1764	0.9890	0.8109	0.6522	1.4292	1.1536
Pt-199	0.7842	0.6147	0.9126	1.0063	0.7690	0.5440	2.0363	1.2534
Pt-200	0.7345	0.6118	0.8641	0.7455	0.6451	0.5232	1.0731	0.7629
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Pu-232	0.9181	0.9029	0.9689	0.8312	0.8311	0.8229	1.0630	0.5568
Pu-234	1.0313	1.0082	1.0848	0.9299	0.9245	0.9148	1.1832	0.6443
Pu-235	1.3598	1.3144	1.4235	1.2317	1.2053	1.1828	1.5800	0.9170
Pu-236	0.0960	0.0808	0.0930	0.0756	0.0656	0.0640	0.0842	0.1015
Pu-237	0.9051	0.8573	0.9411	0.8040	0.7767	0.7596	0.9994	0.6592
Pu-238	0.0885	0.0745	0.0857	0.0696	0.0604	0.0589	0.0776	0.0936
Pu-239	0.0490	0.0397	0.0478	0.0414	0.0321	0.0308	0.0447	0.0566
Pu-240	0.0832	0.0701	0.0807	0.0655	0.0569	0.0555	0.0730	0.0881
Pu-241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pu-242	0.0714	0.0602	0.0693	0.0563	0.0488	0.0476	0.0629	0.0757
Pu-243	0.3616	0.3027	0.4123	0.3426	0.3191	0.2688	0.4725	0.2783
Pu-244	0.0922	0.0763	0.0954	0.0888	0.0733	0.0626	0.1469	0.1160
Pu-245	1.6285	1.3717	2.0572	1.9181	1.5946	1.3426	3.6074	2.0419
Pu-246	1.6695	1.5988	1.7221	1.6763	1.5341	1.4165	2.2257	1.3759
Ra-219	1.0013	0.8501	1.4538	1.0891	0.9935	0.9548	1.6197	0.8424
Ra-220	0.0174	0.0121	0.0191	0.0242	0.0173	0.0101	0.0548	0.0338
Ra-221	0.5299	0.4802	0.5647	0.4963	0.4616	0.4023	0.7401	0.4830
Ra-222	0.0472	0.0393	0.0720	0.0540	0.0481	0.0464	0.0846	0.0439
Ra-223	1.3102	1.1601	1.5588	1.3250	1.2150	1.0635	2.0478	1.1535
Ra-224	0.0754	0.0766	0.0842	0.0827	0.0732	0.0670	0.1381	0.0810
Ra-225	0.2969	0.2432	0.2596	0.2991	0.2483	0.1937	0.3431	0.2998
Ra-226	1.3820	1.4120	1.4431	1.4386	1.3717	1.3839	1.4362	1.3556
Ra-227	1.1904	1.0087	1.3462	1.2480	1.0469	0.9223	1.9313	1.3769
Ra-228	1.3728	1.3964	1.4100	1.3672	1.3569	1.3684	1.3864	1.4682
Ra-230	0.6590	0.5745	0.7475	0.6961	0.6091	0.5019	1.1310	0.6997
Rb-77	1.9317	1.6133	2.3040	2.2798	1.8983	1.3582	4.6625	2.8138
Rb-78m	4.1052	3.1029	4.6548	5.5195	4.0821	2.6154	12.9501	7.4342
Rb-78	3.0928	2.3670	3.3776	4.1031	3.0699	1.9934	9.6315	5.4740
Rb-79	2.5369	2.1599	2.8548	3.0197	2.4733	1.8566	6.0426	3.5308
Rb-80	0.4875	0.3591	0.5699	0.6823	0.4849	0.2977	1.5896	0.9713
Rb-81	0.9536	0.7021	1.0468	1.1960	0.8705	0.5711	2.5733	1.6638
Rb-81m	0.3160	0.2726	0.3277	0.2560	0.2353	0.2144	0.3846	0.3161
Rb-82	0.2817	0.2241	0.3609	0.4021	0.2749	0.1859	0.9579	0.5711
Rb-82m	5.7210	4.4027	6.7922	7.8442	5.6125	3.6676	18.4326	11.0078
Rb-83	1.8572	1.3371	1.9569	2.4240	1.7401	1.0911	5.2241	3.4333
Rb-84	1.3755	1.1003	1.6930	1.7895	1.2929	0.9043	4.2823	2.5770
Rb-84m	2.1982	2.0370	2.4287	2.5985	2.1376	1.7559	4.8388	2.9207
Rb-86m	1.6638	1.1794	1.8213	2.3330	1.6568	0.9831	5.3008	3.3154
Rb-86	0.1447	0.1129	0.1726	0.1910	0.1441	0.0952	0.4784	0.2711
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Rb-88	0.6308	0.5077	0.6962	0.7908	0.6283	0.4281	2.0053	1.0230
Rb-89	2.7627	2.1735	3.1890	3.6154	2.7576	1.8358	8.8703	4.8803
Rb-90	1.4653	1.1988	1.7258	1.9950	1.4594	1.0177	4.7998	2.6753
Rb-90m	3.3716	2.7103	3.9985	4.5620	3.3550	2.2890	11.1012	6.2054
Re-178	3.0018	2.6494	3.4045	3.4550	2.8705	2.2677	6.5197	4.0397
Re-179	3.9137	3.1660	4.6537	4.7063	3.7880	2.8096	9.1407	5.6977
Re-180	3.0775	2.5435	3.7301	3.7565	2.9288	2.1301	7.9099	4.9842
Re-181	3.6016	2.8608	4.4937	4.3152	3.4515	2.5554	8.2313	5.3216
Re-182	6.9287	6.1158	8.0874	7.8330	6.6567	5.3161	13.7799	8.6921
Re-182m	3.3212	2.7446	3.8875	3.8603	3.1630	2.2930	7.3646	4.7814
Re-183	2.0267	1.7813	2.2805	2.0578	1.8249	1.4589	2.8583	2.3285
Re-184	2.7510	2.2769	3.3814	3.4115	2.6212	1.9086	7.0721	4.5265
Re-184m	2.2627	1.9755	2.6563	2.4944	2.0947	1.6932	4.1650	2.8589
Re-186	0.2543	0.2277	0.2857	0.2545	0.2364	0.2007	0.3616	0.2449
Re-186m	0.6203	0.4743	0.6397	0.6301	0.4254	0.3540	0.6865	0.8431
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	0.3690	0.3372	0.3998	0.3901	0.3585	0.2754	0.7386	0.4416
Re-188m	1.1530	0.9701	1.3502	1.1363	0.9924	0.7970	1.4903	1.3329
Re-189	0.4284	0.4010	0.4806	0.4802	0.4067	0.3430	0.7659	0.4862
Re-190	4.7862	3.8501	5.6468	6.2690	4.7400	3.3059	13.2008	7.8529
Re-190m	3.7454	2.9645	4.4194	4.7497	3.6571	2.5749	9.6497	5.9301
Rh-100m	0.7526	0.5976	0.6486	0.7507	0.6124	0.5440	0.7736	0.6881
Rh-100	4.3196	3.2885	4.6025	5.5196	4.2005	2.7863	12.5416	7.2570
Rh-101	2.8029	2.6078	3.0575	3.0052	2.6592	2.4460	3.9434	2.2123
Rh-101m	1.8588	1.5968	2.4616	1.9933	1.7801	1.7392	2.8014	1.6671
Rh-102	1.3422	0.9782	1.3991	1.7259	1.2660	0.8293	3.5741	2.3071
Rh-102m	5.7425	4.2804	6.5906	7.7881	5.6048	3.5951	17.7452	10.8372
Rh-103m	0.0601	0.0471	0.0496	0.0583	0.0438	0.0409	0.0471	0.0557
Rh-104	0.0379	0.0272	0.0412	0.0521	0.0373	0.0229	0.1158	0.0729
Rh-104m	0.8175	0.7101	0.6983	0.8324	0.7029	0.6103	0.7772	0.7533
Rh-105	0.3950	0.3357	0.6125	0.4471	0.4062	0.4052	0.6698	0.3415
Rh-106	0.5782	0.4121	0.6334	0.8072	0.5761	0.3442	1.8453	1.1450
Rh-106m	6.2494	4.6884	7.2296	8.6209	6.2166	3.9455	20.1859	11.9719
Rh-107	1.5599	1.3361	2.2363	1.8191	1.5844	1.4731	3.0679	1.6585
Rh-108	1.0941	0.7683	1.2558	1.5297	1.0857	0.6402	3.5435	2.1435
Rh-109	1.6515	1.4269	2.2244	1.9077	1.6576	1.5015	3.1702	1.7381
Rh-94	3.8441	3.0146	4.4149	5.0455	3.8345	2.6166	11.9362	6.6238
Rh-95	2.6149	2.0661	3.0141	3.3994	2.5719	1.7472	8.1920	4.6380
Rh-95m	1.6630	1.2062	1.8093	2.3090	1.6453	1.0123	5.1862	3.2237
Rh-96	6.3798	4.9282	7.7298	8.8851	6.3190	4.1198	21.1337	12.4593

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Rh-96m	1.4917	1.1872	1.7123	1.9391	1.4365	1.0073	4.4660	2.5720
Rh-97	2.2588	1.6700	2.6169	3.0212	2.1948	1.4094	6.8896	4.0799
Rh-97m	3.3101	2.7662	3.5379	3.9727	3.2054	2.3582	8.3140	4.6124
Rh-98	1.8991	1.4347	2.2341	2.6206	1.8837	1.1952	6.1550	3.6698
Rh-99	2.6193	2.0828	2.9573	3.0373	2.4568	1.9360	5.4400	3.3643
Rh-99m	2.2566	1.7974	2.8435	2.6909	2.1696	1.7956	4.8839	2.9227
Rn-207	3.1016	2.4305	3.9486	3.8412	3.0122	2.2435	7.8583	4.5300
Rn-209	3.4479	2.6665	4.2061	4.3176	3.3254	2.3315	9.2437	5.3114
Rn-210	0.2350	0.1870	0.2780	0.2852	0.2227	0.1614	0.5762	0.3463
Rn-211	4.4637	3.5048	5.2527	5.7030	4.3276	2.9634	12.6948	7.4082
Rn-212	0.0008	0.0006	0.0010	0.0012	0.0008	0.0005	0.0028	0.0017
Rn-215	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0021	0.0015	0.0024	0.0029	0.0021	0.0013	0.0068	0.0042
Rn-219	0.3214	0.2785	0.3963	0.3842	0.3161	0.2574	0.7463	0.4294
Rn-220	1.4902	1.5202	1.4935	1.4848	1.4669	1.4872	1.5031	1.5052
Rn-222	0.0013	0.0009	0.0014	0.0018	0.0013	0.0008	0.0041	0.0026
Rn-223	1.4686	1.1888	1.6545	1.7107	1.3482	0.9998	3.3524	2.1126
Ru-103	1.6885	1.1679	1.7694	2.3668	1.6794	0.9793	5.2676	3.3419
Ru-105	2.2371	1.7516	2.7412	2.9991	2.2139	1.5618	6.5636	3.9105
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	0.9047	0.7390	1.0665	1.1847	0.8980	0.6376	2.5481	1.4726
Ru-108	0.6220	0.6097	0.6385	0.6169	0.6096	0.5049	1.0357	0.5628
Ru-92	6.2840	5.8700	6.8375	6.9248	6.0057	5.2095	11.6849	6.9154
Ru-94	2.1585	1.6824	2.6592	2.6087	2.0428	1.5688	5.2538	3.1854
Ru-95	3.0005	2.4022	3.7926	3.6365	2.9208	2.3301	7.2860	4.2485
Ru-97	2.0505	1.9536	2.2568	2.2191	1.9178	1.7451	3.1498	1.9656
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	1.3702	1.1551	1.4264	1.7299	1.3682	0.9859	4.1043	2.3148
S-38	1.2887	1.0628	1.3236	1.5320	1.2878	0.8902	3.9196	1.7509
Sb-111	2.4079	2.0393	2.5566	2.8781	2.3885	1.7103	5.9006	3.4976
Sb-113	2.0035	1.4450	2.1587	2.6906	1.9816	1.2943	5.5359	3.5213
Sb-114	2.6159	2.0384	2.9910	3.5339	2.6084	1.7616	7.9949	4.5479
Sb-115	2.0568	1.4422	2.0353	2.8136	2.0151	1.2379	5.6848	3.7888
Sb-116	2.3106	1.8008	2.5320	3.0870	2.2874	1.5371	6.8506	3.9454
Sb-116m	6.3992	5.0212	7.1151	8.3436	6.3085	4.3497	17.9769	10.6430
Sb-117	1.8117	1.6946	1.6815	1.8684	1.7614	1.4188	2.7511	1.8117
Sb-118	0.1921	0.1467	0.1652	0.2416	0.1789	0.1344	0.3139	0.2616
Sb-118m	5.9994	5.0878	6.5347	7.5230	5.8761	4.4352	15.0329	9.1730

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Sb-119	0.5754	0.4377	0.4064	0.6707	0.5040	0.4145	0.4234	0.6179
Sb-120	0.3040	0.2318	0.2261	0.3642	0.2745	0.2196	0.3019	0.3522
Sb-120m	6.1522	5.2007	6.8944	7.5828	6.0419	4.5297	14.8784	8.5758
Sb-122m	1.1075	0.8937	1.1449	1.1675	1.0345	0.8050	1.2732	1.2352
Sb-122	1.2952	0.9271	1.4349	1.8170	1.2900	0.7740	4.1307	2.5732
Sb-124	3.0693	2.3136	3.4052	4.0954	3.0604	1.9396	9.8038	5.6132
Sb-124m	1.2836	0.9235	1.4431	1.7957	1.2704	0.7672	4.0983	2.5540
Sb-124n	0.0270	0.0191	0.0266	0.0275	0.0150	0.0134	0.0267	0.0399
Sb-125	1.7930	1.3328	1.9167	2.3685	1.7476	1.1634	4.7922	3.0954
Sb-126	7.1887	5.4033	8.7881	10.1425	7.1510	4.5253	23.9164	14.2907
Sb-126m	4.3469	3.1974	5.2626	6.1426	4.3187	2.6589	14.5014	8.6750
Sb-127	2.0147	1.5429	2.3881	2.7905	2.0005	1.3091	6.3379	3.8471
Sb-128	7.8189	6.0854	9.9566	10.8161	7.8193	5.4430	24.4241	14.4749
Sb-128m	4.9817	4.0077	6.7818	6.7611	5.0031	3.8141	14.6924	8.5245
Sb-129	2.7102	2.1234	3.2813	3.6995	2.6959	1.7992	8.9082	5.1380
Sb-130m	5.7093	4.6398	7.1173	7.8535	5.6710	3.9112	18.4641	10.7278
Sb-130	8.1073	6.6437	10.3134	10.8043	8.0919	5.9571	23.8018	13.7239
Sb-131	3.3592	2.6428	4.0016	4.4394	3.3473	2.2631	10.7385	6.0499
Sb-133	3.5296	2.7755	4.0661	4.6200	3.5204	2.3659	11.2267	6.1718
Sc-42m	4.9297	3.6811	5.4087	6.5746	4.9112	3.1127	15.5297	8.7433
Sc-43	0.3818	0.2817	0.5039	0.5005	0.3796	0.2714	1.0649	0.6085
Sc-44	1.6772	1.3022	1.9643	2.2829	1.6747	1.0968	5.4541	3.1106
Sc-44m	1.4969	1.4619	1.8705	1.6681	1.4909	1.4108	2.8580	1.6215
Sc-46	3.3334	2.6207	4.0924	4.5492	3.3173	2.2031	11.2571	6.4567
Sc-47	1.0186	1.0259	1.0400	0.9910	1.0225	0.8219	1.8428	0.9742
Sc-48	5.1101	4.0132	6.0146	6.7333	5.0921	3.3837	16.6212	9.3762
Sc-49	0.0009	0.0007	0.0009	0.0011	0.0009	0.0006	0.0027	0.0013
Sc-50	4.7742	3.5962	5.0987	6.2264	4.7568	3.0440	14.9842	8.4794
Se-70	1.9803	1.5854	2.1461	2.3268	1.7268	1.3249	3.9464	2.8458
Se-71	1.6250	1.4180	1.8526	1.9407	1.6121	1.2131	4.1579	2.3087
Se-72	0.8552	0.6885	0.7794	0.8978	0.6313	0.5190	0.9304	1.0725
Se-73	2.3994	1.8566	3.2002	2.8436	2.3253	1.7753	5.3272	3.2769
Se-73m	0.2997	0.2409	0.3467	0.3440	0.2632	0.2034	0.6262	0.4274
Se-75	3.0942	2.8740	3.5737	3.3188	2.9161	2.6717	5.2761	3.1350
Se-77m	0.9425	0.9114	0.9626	0.9235	0.8852	0.7240	1.5851	0.9532
Se-79m	0.3643	0.3031	0.3727	0.3410	0.2573	0.2399	0.4053	0.3893
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0315	0.0277	0.0404	0.0384	0.0315	0.0269	0.0739	0.0428
Se-81m	0.4152	0.3604	0.4245	0.3891	0.3084	0.2955	0.4663	0.4091
Se-83m	1.6359	1.2797	1.9881	2.1202	1.6324	1.1221	5.1400	2.8509

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Se-83	5.5108	4.3460	6.5928	7.2736	5.5000	3.8593	16.1867	9.2528
Se-84	1.7417	1.2053	2.0811	2.4304	1.7218	1.0027	5.7181	3.3567
Si-31	0.0011	0.0009	0.0013	0.0016	0.0012	0.0007	0.0037	0.0021
Si-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-139	2.4955	2.1149	3.0808	3.0692	2.4807	2.0159	5.8950	3.4486
Sm-140	1.3753	1.1635	1.4315	1.6276	1.3210	1.0240	2.7580	1.7117
Sm-141	2.2512	1.6491	2.5247	2.9964	2.2100	1.3939	6.6946	3.9346
Sm-141m	4.4375	3.6630	4.9923	5.7378	4.3612	3.1002	11.7382	6.8866
Sm-142	0.5076	0.4104	0.4158	0.5673	0.4574	0.3468	0.6268	0.5321
Sm-143	0.3624	0.2923	0.3168	0.4147	0.3325	0.2477	0.5636	0.4207
Sm-143m	1.5447	1.2169	1.9707	2.2384	1.5302	1.0131	5.2972	3.1646
Sm-145	1.0507	0.8561	0.8974	1.1567	0.9540	0.7219	1.2801	1.1048
Sm-146	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0008	0.0006	0.0008	0.0009	0.0005	0.0005	0.0008	0.0011
Sm-153	0.8658	0.8004	0.8345	0.9009	0.8166	0.6986	1.0865	0.6734
Sm-155	1.1447	1.1617	1.2077	1.1224	1.1207	1.0794	1.4994	0.6442
Sm-156	1.0993	1.0316	1.2081	1.1822	1.0506	0.9007	1.7005	0.9785
Sm-157	2.0484	1.8583	2.2897	2.4832	2.0164	1.6099	4.1196	2.3591
Sn-106	3.5892	2.9275	4.0339	4.5791	3.5059	2.6033	8.9639	5.5056
Sn-108	3.4435	2.8619	3.8748	4.2425	3.3584	2.5619	7.9562	4.8661
Sn-109	3.2411	2.5260	3.5351	4.1222	3.1832	2.2186	9.0280	5.1938
Sn-110	2.0438	1.8564	2.4458	2.2872	1.9960	1.8848	3.1773	2.0352
Sn-111	0.5428	0.4203	0.4760	0.6551	0.5009	0.3806	0.9287	0.7044
Sn-113	0.4909	0.3857	0.3622	0.5614	0.4321	0.3625	0.3975	0.5056
Sn-113m	0.3267	0.2484	0.2321	0.3815	0.2883	0.2364	0.2439	0.3508
Sn-117m	1.7440	1.6519	1.6404	1.7768	1.7017	1.3724	2.7009	1.7219
Sn-119m	0.3858	0.2926	0.2773	0.4472	0.3318	0.2725	0.2865	0.4171
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.1234	0.0943	0.0919	0.1388	0.1052	0.0899	0.1014	0.1396
Sn-123	0.0106	0.0083	0.0127	0.0141	0.0106	0.0070	0.0351	0.0199
Sn-123m	1.3493	1.3417	1.3594	1.3320	1.3464	1.0871	2.3662	1.2992
Sn-125m	1.6200	1.3205	2.4244	1.9150	1.6563	1.5299	3.2266	1.7100
Sn-125	0.5461	0.4296	0.6659	0.7295	0.5442	0.3684	1.7834	1.0079
Sn-126	0.8149	0.6918	0.8640	0.8286	0.7568	0.6382	0.9779	0.6447
Sn-127m	1.6790	1.1672	1.7593	2.3377	1.6705	0.9794	5.2504	3.2775
Sn-127	3.4151	2.7087	4.0132	4.5080	3.3970	2.3202	10.5426	6.0312
Sn-128	3.0576	2.2707	3.0364	3.8917	2.9352	2.0172	6.8525	4.7794
Sn-129	2.1439	1.6243	2.5474	2.9651	2.1391	1.3649	6.9907	4.1437

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Sn-130	3.7353	3.2036	4.3595	4.7527	3.6701	2.7739	8.9631	5.4614
Sn-130m	2.2573	1.8495	2.5657	2.8149	2.2208	1.6295	5.8045	3.4435
Sr-79	1.3190	1.1768	1.4876	1.4282	1.2614	1.0857	2.3245	1.3280
Sr-80	1.4216	1.1303	1.5764	1.7199	1.3256	0.9342	3.5969	2.2901
Sr-81	2.2676	1.9993	2.4920	2.6250	2.2405	1.6898	5.2573	2.9949
Sr-82	0.3102	0.2688	0.3090	0.2253	0.2097	0.2024	0.3226	0.3199
Sr-83	1.6888	1.3345	2.0019	2.0694	1.5442	1.1050	4.5867	2.8456
Sr-85	1.9476	1.4032	2.0241	2.5218	1.8383	1.1513	5.4473	3.5756
Sr-85m	1.6402	1.6621	1.8071	1.8065	1.5991	1.4410	2.9465	1.7064
Sr-87m	1.4483	1.0394	1.8054	1.9325	1.4186	0.9126	4.3829	2.5541
Sr-89	0.0002	0.0001	0.0002	0.0002	0.0002	0.0001	0.0006	0.0003
Sr-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sr-91	1.3617	1.0640	1.6709	1.8545	1.3545	0.8958	4.5569	2.6470
Sr-92	1.6697	1.3022	1.8088	2.1949	1.6677	1.1055	5.1608	2.8355
Sr-93	4.3539	3.4301	5.0536	5.7696	4.3215	2.8897	13.4502	7.8071
Sr-94	1.6659	1.2924	1.7645	2.1521	1.6633	1.0981	5.1727	2.7881
Ta-170	1.4269	1.2734	1.6272	1.6280	1.3472	1.0849	2.8770	1.8466
Ta-172	3.5777	3.0666	4.0915	4.3220	3.4546	2.6195	8.3155	5.0870
Ta-173	2.2166	1.9085	2.4552	2.4395	2.0550	1.5547	4.0081	2.9113
Ta-174	2.5617	2.2916	2.8642	2.9453	2.4307	1.9380	4.7717	3.0851
Ta-175	3.4657	2.9475	3.9449	4.0003	3.3247	2.5401	7.2883	4.6567
Ta-176	3.6620	2.9645	4.0096	4.4337	3.5317	2.4767	9.3376	5.5820
Ta-177	0.8930	0.7816	0.9818	0.9234	0.8085	0.6399	1.1676	1.0586
Ta-178	0.9330	0.8037	1.0250	0.9749	0.8395	0.6499	1.2953	1.1510
Ta-178m	7.2068	6.0902	8.9840	8.4213	7.0338	5.7407	14.3061	8.6156
Ta-179	0.4370	0.3677	0.4735	0.4496	0.3713	0.2887	0.5351	0.5612
Ta-180	0.7353	0.6384	0.8073	0.7522	0.6562	0.5147	0.9236	0.8802
Ta-182	3.1266	2.6193	3.6469	3.7548	3.0329	2.2204	7.5050	4.5499
Ta-182m	2.8793	2.6480	3.1620	2.9812	2.6828	2.2091	4.3910	3.0438
Ta-183	2.7401	2.5014	3.1637	2.8974	2.5543	2.1854	4.3591	3.0143
Ta-184	5.8151	4.8198	6.9935	7.2826	5.6748	4.2463	15.0868	9.0035
Ta-185	1.5191	1.3888	1.6739	1.6002	1.4103	1.1394	2.4408	1.6869
Ta-186	5.4820	4.6247	6.4326	6.9830	5.4054	4.0621	13.6217	8.1194
Tb-146	3.3705	2.6325	3.4978	4.1468	3.3389	2.2395	10.1182	5.4492
Tb-147m	2.0321	1.6176	2.0505	2.5396	1.9900	1.3552	5.5168	3.0981
Tb-147	3.7876	3.0516	4.2345	4.8702	3.7299	2.5938	10.5043	6.1388
Tb-148m	7.3526	5.6266	8.9490	10.2009	7.2617	4.7124	23.6868	14.0932
Tb-148	3.1019	2.4414	3.6368	4.2404	3.0597	2.0354	9.8195	5.7580
Tb-149m	2.9197	2.3514	3.5165	4.0341	2.8571	1.9431	8.9328	5.4502
Tb-149	3.3878	2.7587	3.9115	4.2840	3.3306	2.3831	8.8922	5.2329

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Tb-150m	7.3676	5.5321	8.5524	10.0770	7.2922	4.6805	22.3708	13.6992
Tb-150	3.4748	2.6918	3.7884	4.5641	3.4214	2.2425	10.2151	6.0264
Tb-151	4.2950	3.6265	4.7519	5.2775	4.1879	3.1679	9.8892	6.0638
Tb-151m	0.6069	0.4798	0.6160	0.7112	0.5026	0.3837	1.0454	0.8870
Tb-152m	3.8058	3.2370	4.4306	4.5542	3.7166	2.9543	8.1210	5.0455
Tb-152	3.0480	2.4528	3.6789	3.7893	3.0111	2.2947	7.5146	4.3432
Tb-153	2.2242	1.9916	2.3129	2.5602	2.1169	1.7046	3.8652	2.4822
Tb-154	3.3745	2.7658	3.5826	4.1660	3.2932	2.3548	8.6998	4.9028
Tb-155	1.9956	1.8209	2.0225	2.1188	1.8847	1.5751	2.8217	1.7775
Tb-156	5.1774	4.1882	5.6682	6.6030	5.0623	3.5804	13.0843	7.8926
Tb-156m	0.5129	0.4849	0.4253	0.5768	0.4820	0.3846	0.5706	0.5802
Tb-156n	0.1318	0.1024	0.1264	0.1380	0.0926	0.0777	0.1429	0.1674
Tb-157	0.1429	0.1120	0.1295	0.1538	0.1054	0.0846	0.1568	0.1807
Tb-158	2.3021	1.8975	2.5683	2.8459	2.2014	1.5772	5.7662	3.5483
Tb-160	2.5913	2.1417	3.1918	3.2910	2.5551	1.9175	7.0637	4.0784
Tb-161	0.6329	0.5225	0.5738	0.6954	0.5506	0.4349	0.6914	0.7058
Tb-162	3.5002	3.1407	4.2419	4.3815	3.4423	2.7379	9.1146	5.3541
Tb-163	3.1899	2.3877	3.8928	4.2151	3.1757	2.1985	8.9290	5.3223
Tb-164	5.8376	4.7860	6.8396	7.6076	5.7741	4.0904	16.4706	9.6550
Tb-165	1.3355	1.0450	1.4534	1.7507	1.3136	0.8760	3.9250	2.2740
Tc-101	1.6810	1.4555	2.4459	1.9235	1.7143	1.6475	3.0575	1.6287
Tc-102m	4.2107	3.1212	4.6411	5.6412	4.1942	2.6181	13.3761	7.7024
Tc-102	0.1984	0.1426	0.2210	0.2745	0.1973	0.1194	0.6358	0.3837
Tc-104	3.9330	3.0490	4.7572	5.0379	3.9386	2.8143	11.2549	6.2312
Tc-105	2.7082	2.3326	3.1584	3.1713	2.6743	2.1344	6.1557	3.4422
Tc-91	1.4511	1.1566	1.5421	1.7720	1.4393	0.9880	4.3612	2.2503
Tc-91m	1.1284	0.8016	1.1851	1.5506	1.1190	0.6731	3.4949	2.1690
Tc-92	6.1178	5.1420	7.3729	7.4255	6.0895	4.7294	15.7841	8.6288
Tc-93	2.0395	1.6270	2.0972	2.3992	1.9306	1.3815	5.3211	3.0559
Tc-93m	1.6233	1.2230	1.8708	2.0384	1.5681	1.0520	4.6469	2.6492
Tc-94	5.6182	4.4488	6.9855	7.6714	5.4751	3.7216	18.3160	10.9456
Tc-94m	2.0485	1.6441	2.5022	2.7185	1.9998	1.3811	6.6324	3.8342
Tc-95	2.1270	1.7244	2.5915	2.7616	1.9955	1.4428	6.1890	3.8699
Tc-95m	2.7115	2.3581	3.0843	3.3002	2.5737	2.0057	6.2520	3.8677
Tc-96	5.4803	4.4043	6.9706	7.5731	5.3268	3.7055	17.9083	10.7129
Tc-96m	0.3139	0.2620	0.3066	0.2989	0.2524	0.2243	0.4345	0.3557
Tc-97	0.4402	0.3880	0.4136	0.3197	0.3250	0.3275	0.3251	0.3896
Tc-97m	0.3384	0.2894	0.3017	0.2720	0.2528	0.2498	0.2515	0.2870
Tc-98	3.3502	2.5622	4.1613	4.8065	3.3362	2.1299	11.4271	6.8617
Tc-99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Tc-99m	1.3146	1.2686	1.3931	1.2981	1.2949	1.1551	2.0203	0.9993
Te-113	1.7982	1.4115	2.0706	2.3865	1.7870	1.1950	5.7136	3.1961
Te-114	2.6586	2.1309	2.7879	3.3018	2.5713	1.9004	6.2670	3.9068
Te-115	2.7267	2.1684	3.0882	3.6103	2.7020	1.8682	8.0145	4.6723
Te-115m	3.1002	2.4205	3.5317	4.1328	3.0692	2.0691	9.5851	5.5037
Te-116	1.2381	1.0381	1.0899	1.3627	1.1477	0.9911	1.4203	1.1970
Te-117	2.2300	1.7393	2.4774	2.9464	2.1840	1.4976	6.5165	3.8968
Te-118	0.4560	0.3502	0.3212	0.5216	0.4052	0.3467	0.3457	0.4982
Te-119	2.1513	1.6201	2.3349	2.8947	2.0967	1.4027	5.9467	3.8604
Te-119m	3.7574	3.2384	4.0710	4.5064	3.7030	2.8240	8.8709	5.2609
Te-121	2.1534	1.5568	2.1827	2.8997	2.0957	1.3549	5.7282	3.8675
Te-121m	1.6983	1.6104	1.7643	1.9788	1.6392	1.4345	2.6815	1.7351
Te-123	0.0241	0.0171	0.0236	0.0248	0.0137	0.0122	0.0238	0.0354
Te-123m	1.5739	1.5099	1.5113	1.5708	1.5377	1.2601	2.5236	1.5596
Te-125m	0.7854	0.6102	0.5670	0.8685	0.6945	0.6198	0.6319	0.8697
Te-127	0.0216	0.0157	0.0255	0.0292	0.0213	0.0136	0.0644	0.0383
Te-127m	0.2542	0.1967	0.1877	0.2802	0.2210	0.1969	0.2061	0.2873
Te-129	0.3250	0.2415	0.3198	0.4104	0.3019	0.2168	0.7098	0.5174
Te-129m	0.2526	0.1951	0.2197	0.3019	0.2291	0.1873	0.3826	0.3466
Te-131	1.8784	1.6358	2.0169	2.1601	1.8648	1.4005	4.3232	2.4835
Te-131m	3.4226	2.8184	4.1741	4.5535	3.3878	2.4668	9.9862	5.8368
Te-132	2.0487	1.9707	2.0727	2.3000	1.9706	1.7830	3.1664	2.1536
Te-133	2.7619	2.1942	3.6219	3.5054	2.7802	2.1639	7.3676	4.0815
Te-133m	3.9841	3.1972	4.7973	5.2170	3.9519	2.7970	11.9379	6.9106
Te-134	3.3766	2.8011	3.9416	4.3286	3.3269	2.4587	8.5995	5.1541
Th-223	1.0347	0.9480	1.1445	0.9585	0.9212	0.8380	1.3414	0.7685
Th-224	0.2061	0.1964	0.2237	0.2169	0.1969	0.1651	0.3532	0.2036
Th-226	0.1340	0.1245	0.1421	0.1218	0.1130	0.1086	0.1626	0.1144
Th-227	1.3033	1.1954	1.4779	1.2964	1.1425	1.0633	1.8876	1.3325
Th-228	0.0951	0.0811	0.0986	0.0791	0.0692	0.0647	0.0999	0.0989
Th-229	1.5539	1.3917	1.6721	1.4242	1.3011	1.1873	1.9015	1.3352
Th-230	0.9081	0.8874	0.8964	0.9754	0.9029	0.8788	0.8805	0.8949
Th-231	0.7769	0.6487	0.7649	0.6722	0.5751	0.5308	0.7533	0.7942
Th-232	1.2499	1.2910	1.2684	1.2609	1.2412	1.2639	1.3535	1.2118
Th-233	0.2939	0.2413	0.3124	0.3105	0.2469	0.2028	0.4980	0.3682
Th-234	0.1864	0.1657	0.2074	0.1647	0.1574	0.1402	0.2185	0.1708
Th-235	0.1688	0.1307	0.2023	0.2262	0.1656	0.1113	0.5088	0.3019
Th-236	0.2486	0.2219	0.2781	0.2616	0.2284	0.2003	0.4287	0.2561
Ti-44	1.6958	1.3259	2.2114	1.6780	1.6183	1.1670	2.5399	1.4938
Ti-45	0.0134	0.0098	0.0142	0.0155	0.0098	0.0075	0.0254	0.0218

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ti-51	1.6310	1.3616	2.5092	1.8875	1.6759	1.6181	3.0432	1.5766
Ti-52	1.5184	1.4151	1.6621	1.5013	1.4477	1.4098	1.9442	0.9384
Tl-190	2.3283	1.6837	2.7698	3.0854	2.2675	1.4063	6.9340	4.1618
Tl-190m	6.1514	4.6312	7.4635	8.2638	6.0552	3.9613	18.5101	11.1010
Tl-194	2.3431	1.7086	2.7870	3.0103	2.2559	1.4283	6.5086	3.9903
Tl-194m	7.7105	5.9180	9.2467	10.1762	7.5190	5.0191	22.2722	13.4795
Tl-195	2.9100	2.3085	3.3906	3.4159	2.7215	1.9607	6.8923	4.1978
Tl-196	3.8563	2.8867	4.4506	4.8579	3.7418	2.4348	10.8427	6.2858
Tl-197	2.0612	1.6189	2.4766	2.3310	1.9255	1.3828	4.3469	2.7291
Tl-198	4.2068	3.1682	4.8875	5.3017	4.0784	2.6647	11.8302	6.8261
Tl-198m	4.9178	3.7742	5.8510	6.2400	4.7354	3.2427	13.0131	8.0335
Tl-199	1.9333	1.5988	2.3056	2.1027	1.7905	1.3685	3.5195	2.2767
Tl-200	3.8437	2.9413	4.8023	4.8186	3.7347	2.6425	9.9919	5.9056
Tl-201	1.3112	1.0673	1.5673	1.2882	1.1570	0.8939	1.8593	1.3203
Tl-202	2.4534	1.7787	2.8837	3.0587	2.3312	1.4894	6.2936	3.9449
Tl-204	0.0198	0.0155	0.0241	0.0193	0.0169	0.0129	0.0269	0.0204
Tl-206m	8.1340	6.7585	9.5646	10.3530	8.0152	5.8659	21.8342	12.9494
Tl-206	0.0010	0.0008	0.0013	0.0010	0.0009	0.0007	0.0016	0.0010
Tl-207	0.0045	0.0035	0.0056	0.0061	0.0044	0.0030	0.0153	0.0088
Tl-208	3.7893	2.9120	4.1066	4.8261	3.7738	2.4655	11.4417	6.3273
Tl-209	4.5751	3.6381	4.8242	5.4722	4.5097	3.2428	11.7266	6.3524
Tl-210	5.1546	4.2460	6.5189	6.6388	5.1034	3.8847	14.5442	8.1674
Tm-161	3.9305	3.4653	3.9635	4.4413	3.7284	2.9102	7.1625	4.7527
Tm-162	2.5756	2.1747	2.7778	3.1737	2.4981	1.8275	6.5132	3.8452
Tm-163	3.6822	3.1450	3.9094	4.3987	3.5427	2.6688	7.9769	5.0970
Tm-164	0.9060	0.7775	0.9186	1.0586	0.8502	0.6402	1.7925	1.2123
Tm-165	2.9474	2.6194	3.2561	3.4957	2.8310	2.2798	5.8365	3.9147
Tm-166	3.9112	3.2296	4.3367	4.9761	3.7876	2.6784	10.2033	6.1591
Tm-167	1.5504	1.4421	1.5553	1.7586	1.4344	1.1876	2.1936	1.7165
Tm-168	4.4982	3.8195	5.1777	5.8009	4.3568	3.1884	11.2388	6.9920
Tm-170	0.0665	0.0556	0.0716	0.0683	0.0566	0.0458	0.0824	0.0693
Tm-171	0.0098	0.0085	0.0101	0.0103	0.0086	0.0067	0.0118	0.0120
Tm-172	0.7940	0.6312	0.8513	0.9537	0.7576	0.5294	2.0450	1.1888
Tm-173	1.7071	1.2000	2.0423	2.3486	1.6773	0.9943	5.4245	3.2160
Tm-174	6.4305	5.4904	7.8330	7.7343	6.3475	4.9803	15.5713	9.0254
Tm-175	2.8605	2.1373	3.2786	3.8630	2.8281	1.8211	8.7339	5.3313
Tm-176	4.4283	3.6928	5.1619	5.4755	4.3493	3.2292	11.2461	6.4889
U-227	1.2097	1.1677	1.3426	1.1863	1.1069	1.0380	1.7733	1.0605
U-228	0.1177	0.1053	0.1215	0.0987	0.0910	0.0868	0.1273	0.1123
U-230	0.1082	0.0924	0.1094	0.0853	0.0762	0.0728	0.1044	0.1161

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
U-231	1.7299	1.5635	1.7841	1.5230	1.4188	1.3486	1.8673	1.4168
U-232	0.0968	0.0822	0.0963	0.0747	0.0660	0.0643	0.0877	0.1052
U-233	0.0506	0.0426	0.0503	0.0402	0.0344	0.0333	0.0473	0.0555
U-234	0.7263	0.7180	0.7256	0.9051	0.7236	0.7531	0.7086	0.7163
U-235	1.4657	1.4693	1.4864	1.4473	1.4430	1.4411	1.4924	1.4563
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	0.0789	0.0669	0.0782	0.0607	0.0533	0.0521	0.0709	0.0861
U-237	1.8785	1.7696	2.0283	1.8100	1.6869	1.5480	2.3834	1.6083
U-238	1.1078	1.1218	1.0623	1.1013	1.1011	1.1171	1.1124	1.0485
U-239	0.6025	0.4774	0.7336	0.5886	0.5483	0.4144	0.8734	0.5481
U-240	0.2890	0.2485	0.2836	0.2432	0.2109	0.2024	0.2769	0.2898
U-242	0.2585	0.2169	0.3078	0.2855	0.2500	0.1884	0.4979	0.3303
V-47	0.0123	0.0103	0.0125	0.0138	0.0112	0.0085	0.0287	0.0165
V-48	3.4878	2.7194	4.0773	4.6365	3.4633	2.2907	11.3317	6.4128
V-49	0.0666	0.0470	0.0658	0.0680	0.0369	0.0330	0.0660	0.0984
V-50	1.6302	1.2731	1.6635	1.9822	1.5970	1.0821	4.9117	2.5907
V-52	1.6065	1.2474	1.6667	2.0461	1.6041	1.0625	4.9327	2.6216
V-53	1.7068	1.3382	2.0518	2.2065	1.6970	1.1311	5.6629	3.1957
W-177	4.5245	3.8305	5.2240	5.1844	4.3008	3.3155	9.2095	5.9766
W-178	0.3257	0.2631	0.3564	0.3313	0.2585	0.2036	0.3914	0.4293
W-179	0.9618	0.7946	1.0319	0.9803	0.8202	0.6539	1.1559	1.2170
W-179m	0.7148	0.6206	0.8270	0.7406	0.6416	0.5077	1.0001	0.8639
W-181	0.6427	0.5412	0.7268	0.6539	0.5631	0.4303	0.8185	0.8130
W-185m	0.5996	0.4800	0.6371	0.6087	0.4444	0.3768	0.7299	0.7507
W-185	0.0007	0.0006	0.0008	0.0007	0.0006	0.0005	0.0009	0.0007
W-187	1.6167	1.2415	1.8987	2.0892	1.5800	1.0474	4.4204	2.7822
W-188	0.0137	0.0127	0.0174	0.0150	0.0132	0.0121	0.0228	0.0144
W-190	1.8450	1.6572	2.0943	1.8150	1.7249	1.3326	2.8198	2.0881
Xe-120	2.1635	1.7453	2.1819	2.5793	2.0548	1.6242	4.0483	2.8992
Xe-121	2.0010	1.6847	2.1426	2.3515	1.9541	1.5463	4.5132	2.6500
Xe-122	0.7432	0.5935	0.6773	0.8290	0.6866	0.6066	0.9564	0.8620
Xe-123	1.8875	1.6806	1.9231	2.0521	1.8334	1.5363	3.3317	2.0798
Xe-125	2.2120	2.0345	2.1900	2.4951	2.1195	1.8432	3.4755	2.4264
Xe-127	2.3944	2.1826	2.4842	2.7566	2.3172	1.9737	3.8938	2.5252
Xe-127m	1.8647	1.7340	1.9051	1.9287	1.8078	1.6632	2.5675	1.4722
Xe-129m	0.9406	0.7557	0.7232	1.0056	0.8388	0.7767	0.8798	1.0405
Xe-131m	0.3941	0.3159	0.3010	0.4141	0.3482	0.3249	0.3643	0.4433
Xe-133	0.6899	0.5446	0.7055	0.6977	0.6338	0.5396	0.8317	0.6044
Xe-133m	0.5313	0.4570	0.4544	0.5731	0.4840	0.4518	0.6166	0.5916
Xe-135	1.6014	1.6432	1.7741	1.7765	1.5725	1.4472	3.1503	1.8755

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Xe-135m	1.4460	1.0157	1.5063	2.0008	1.4303	0.8647	4.3571	2.8059
Xe-137	0.5911	0.4137	0.6593	0.8208	0.5866	0.3467	1.8861	1.1418
Xe-138	2.0243	1.7178	2.2397	2.4463	1.9899	1.4846	5.3621	2.9319
Y-81	1.6101	1.4111	1.8212	1.6533	1.5086	1.3069	2.6435	1.4309
Y-83	1.1229	0.9005	1.2267	1.3184	1.0322	0.7596	2.7750	1.7855
Y-83m	1.4792	1.3388	1.6947	1.7082	1.4265	1.1828	3.3018	2.0188
Y-84m	5.4207	4.2459	6.6480	7.4077	5.3794	3.5611	18.2921	10.5548
Y-85	1.3284	0.9572	1.4119	1.7693	1.2849	0.7952	3.9281	2.5172
Y-85m	1.3436	1.1391	1.4911	1.6195	1.2894	0.9589	3.5273	2.0345
Y-86	5.4916	4.2860	6.4236	7.2103	5.3984	3.6071	17.1895	9.8793
Y-86m	1.5648	1.5477	1.7485	1.8387	1.5381	1.3417	2.6959	1.5179
Y-87	1.8991	1.3808	1.9988	2.3995	1.7788	1.1354	5.1691	3.4065
Y-87m	1.3940	1.0241	1.7770	1.8110	1.3662	0.9384	3.9685	2.3090
Y-88	3.4290	2.7837	3.8541	4.1631	3.3027	2.3212	10.2837	5.5711
Y-89m	1.6603	1.3159	2.0947	2.2669	1.6471	1.1047	5.7227	3.2954
Y-90	0.0001	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001
Y-90m	3.1405	2.6373	3.4364	4.0468	3.1022	2.2516	7.5266	4.5331
Y-91	0.0043	0.0033	0.0050	0.0060	0.0043	0.0028	0.0139	0.0079
Y-91m	1.6249	1.1547	1.7768	2.2666	1.6141	0.9622	5.1398	3.2226
Y-92	0.4414	0.3399	0.5229	0.5951	0.4389	0.2859	1.4645	0.8416
Y-93	0.2158	0.1965	0.2569	0.2547	0.2147	0.1791	0.5272	0.2898
Y-94	1.2998	1.0187	1.5867	1.7526	1.2920	0.8584	4.3708	2.4960
Y-95	0.9525	0.7624	1.0467	1.2047	0.9502	0.6443	2.9936	1.5698
Yb-162	2.1343	1.9719	2.1992	2.3030	2.0345	1.6738	3.4504	2.2922
Yb-163	1.5615	1.3173	1.6914	1.8501	1.4585	1.0952	3.2876	2.2622
Yb-164	0.6917	0.6181	0.6521	0.7617	0.6231	0.4892	0.8673	0.8533
Yb-165	1.9950	1.6887	2.0766	2.1776	1.7740	1.3803	2.9307	2.3894
Yb-166	1.2875	1.1470	1.2431	1.3834	1.1586	0.9185	1.5219	1.4669
Yb-167	3.2260	3.0245	3.2537	3.3688	2.9878	2.5927	4.1346	3.0683
Yb-169	3.6810	3.4101	3.9072	3.9655	3.4678	2.8953	5.0259	3.8547
Yb-175	0.2242	0.1842	0.2696	0.2732	0.2193	0.1660	0.5307	0.3165
Yb-177	0.7219	0.6508	0.7889	0.8017	0.7074	0.5523	1.5097	0.8888
Yb-178	0.1808	0.1342	0.2339	0.2350	0.1782	0.1268	0.4911	0.2869
Yb-179	3.0751	2.2862	3.5911	4.1706	3.0553	1.9611	9.2883	5.6925
Zn-60	1.7165	1.3629	2.1528	2.2461	1.7073	1.2011	4.8401	2.9718
Zn-61	0.7348	0.5542	0.7873	0.9566	0.7302	0.4676	2.2782	1.2765
Zn-62	1.5046	1.1173	1.5927	1.9458	1.3820	0.9145	3.8318	2.6115
Zn-63	0.2972	0.2275	0.3544	0.3996	0.2886	0.1888	0.9543	0.5704
Zn-65	1.0692	0.8164	1.2213	1.3616	0.9668	0.6654	2.9941	1.9082
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Zn-69m	1.6282	1.1245	1.8610	2.2724	1.6074	0.9363	5.2335	3.1646
Zn-71	0.8874	0.6456	0.9853	1.2179	0.8824	0.5491	2.7682	1.6863
Zn-71m	5.0476	3.6410	5.8663	6.9442	5.0238	3.1199	15.8149	9.5158
Zn-72	1.7917	1.6682	1.8801	1.7824	1.6367	1.4321	2.6591	1.6440
Zr-85	1.5285	1.1055	1.7517	2.0786	1.5072	0.9298	4.7942	2.8525
Zr-86	2.5647	2.5016	2.7394	2.5283	2.3169	2.1554	4.0873	2.8348
Zr-87	0.1898	0.1578	0.2100	0.2054	0.1688	0.1296	0.4396	0.2843
Zr-88	2.0546	1.5270	2.4557	2.5303	1.9218	1.2887	5.6248	3.4545
Zr-89	1.9849	1.6097	2.4240	2.4805	1.8825	1.3388	6.0235	3.6191
Zr-89m	1.6366	1.1924	1.8337	2.2497	1.6221	0.9926	5.1821	3.1888
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	1.6323	1.2759	2.0903	2.3750	1.6227	1.0625	5.6913	3.3915
Zr-97	1.9392	1.5138	2.4364	2.7704	1.9267	1.2715	6.5712	3.9066

Table 9: Drywall 5 cm Contamination Thickness for 400x400x40 ft room

Nuclide	avg400	ctr400	mid400	cnr400
Ac-223	0.1530	0.1289	0.2651	0.2483
Ac-224	2.1734	1.6191	2.4636	1.7729
Ac-225	0.1888	0.1661	0.3191	0.2996
Ac-226	1.0870	0.8169	1.3976	0.8291
Ac-227	0.0193	0.0257	0.0649	0.0805
Ac-228	1.9603	1.1823	3.5086	2.8537
Ac-230	0.8565	0.5013	1.6201	1.2792
Ac-231	2.6960	1.8569	3.9675	2.2883
Ac-232	1.4265	0.8434	2.6197	2.0582
Ac-233	1.5668	0.7922	2.9403	2.2514
Ag-100m	2.9177	1.5897	5.1359	4.3065
Ag-101	2.2411	1.5013	3.5555	2.7648
Ag-102m	1.7876	0.9874	3.2496	2.3949
Ag-102	4.3710	2.3601	7.9222	6.3978
Ag-103	2.0924	1.3077	3.1565	2.1213
Ag-104	5.1608	2.8450	9.2239	8.0030
Ag-104m	2.1175	1.1365	3.8113	3.0103
Ag-105	2.3201	1.4214	3.9084	2.5963
Ag-105m	0.0096	0.0105	0.0316	0.0377
Ag-106	0.4075	0.2462	0.7203	0.5912
Ag-106m	6.3375	3.4388	11.2700	9.3044
Ag-108	0.0486	0.0277	0.0788	0.0717
Ag-108m	4.7178	2.5164	7.8743	6.8219
Ag-109m	0.1774	0.1578	0.2354	0.2700
Ag-110	0.0751	0.0397	0.1249	0.1158
Ag-110m	5.1523	2.7843	9.1047	8.2406
Ag-111	0.1306	0.0745	0.2333	0.1190
Ag-111m	0.0978	0.0877	0.1454	0.1618
Ag-112	1.1835	0.6296	2.0601	1.7193
Ag-113m	0.9108	0.5026	1.6444	0.9531
Ag-113	0.2883	0.1760	0.5197	0.2844
Ag-114	0.4999	0.2583	0.9063	0.7159
Ag-115	1.0195	0.6459	1.5476	1.0269
Ag-116	2.9096	1.5360	5.3821	4.0691
Ag-117	1.9729	1.0564	3.3986	1.9396
Ag-99	2.9078	1.9172	4.7847	3.6188
Al-26	1.5368	0.8843	2.8716	1.6803
Al-28	1.5006	0.8675	2.8197	1.5913
Al-29	1.6113	0.8716	3.2288	2.7879

Nuclide	avg400	ctr400	mid400	cnr400
Am-237	2.4906	1.8409	3.5871	2.6343
Am-238	2.5653	1.7005	4.0484	3.5933
Am-239	2.4680	1.9922	3.1746	2.6224
Am-240	2.6792	1.7969	4.3888	4.1567
Am-241	0.8411	0.8129	0.8410	0.7819
Am-242	0.2571	0.2288	0.3979	0.3854
Am-242m	0.1041	0.1135	0.2422	0.2623
Am-243	0.6852	0.4911	0.5773	0.6223
Am-244	2.2899	1.4532	4.0232	3.6560
Am-244m	0.0837	0.0739	0.1648	0.1660
Am-245	0.2928	0.2344	0.3737	0.2773
Am-246	3.0472	2.0067	4.7928	3.9214
Am-246m	1.7869	1.0525	3.2598	3.0311
Am-247	1.1228	0.8206	1.5463	1.0025
Ar-37	0.0058	0.0096	0.0282	0.0410
Ar-39	0.0000	0.0000	0.0000	0.0000
Ar-41	1.5845	0.8589	3.2066	2.7503
Ar-42	0.0000	0.0000	0.0000	0.0000
Ar-43	1.9154	1.0542	3.5268	2.9057
Ar-44	2.7418	1.5876	4.4231	2.3940
As-68	3.7425	2.0577	6.7745	5.7978
As-69	0.4890	0.3324	0.7334	0.5066
As-70	4.8659	2.6922	8.8812	7.5914
As-71	1.6268	0.9966	2.5712	1.4850
As-72	1.5655	0.8688	2.8376	2.6953
As-73	0.2780	0.3855	1.0391	1.4952
As-74	1.2634	0.6892	2.2596	2.0661
As-76	1.0015	0.5111	1.8052	1.4783
As-77	0.0460	0.0354	0.0603	0.0397
As-78	2.2165	1.1799	3.9551	3.3659
As-79	0.1000	0.0505	0.1754	0.1321
At-204	6.3057	3.3964	10.6235	8.8486
At-205	2.6779	1.6216	4.1533	3.6705
At-206	6.4121	3.5577	10.5132	8.7889
At-207	4.4444	2.6398	7.2374	6.1766
At-208	7.2186	4.1709	11.4815	9.9825
At-209	6.3438	3.7801	10.1375	8.9972
At-210	5.4297	3.6493	8.8971	7.1389
At-211	0.4089	0.3189	0.4341	0.4859
At-215	0.0007	0.0004	0.0011	0.0009

Nuclide	avg400	ctr400	mid400	cnr400
At-216	0.0245	0.0180	0.0270	0.0245
At-217	0.0014	0.0011	0.0018	0.0014
At-218	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000
At-220	2.2798	1.6523	3.2403	2.1088
Au-186	3.2380	1.9733	4.6638	3.3056
Au-187	2.2504	1.4225	3.3959	2.9778
Au-190	3.9084	2.3923	6.5434	4.3031
Au-191	2.8606	1.8134	4.0354	3.3288
Au-192	3.5450	2.0856	6.1178	3.9331
Au-193	1.4605	1.0479	1.5726	1.5022
Au-193m	1.3510	1.1853	1.8226	1.4263
Au-194	2.7169	1.6024	4.5478	3.0369
Au-195	0.9981	0.7852	1.0595	1.3778
Au-195m	1.3586	1.1663	1.8903	1.4403
Au-196	2.5328	1.4166	4.0807	2.6302
Au-196m	2.3511	1.5857	3.1838	2.2707
Au-198	1.6178	0.7840	2.5935	1.9046
Au-198m	4.4515	3.2092	4.9503	3.4302
Au-199	0.9021	0.5342	1.2688	0.5771
Au-200	0.5820	0.3020	1.0746	0.7885
Au-200m	7.3280	4.2941	11.8473	8.4165
Au-201	0.1335	0.0795	0.2373	0.2025
Au-202	0.3780	0.1944	0.6788	0.5498
Ba-124	1.4608	0.9964	1.9994	1.7768
Ba-126	2.0121	1.4246	2.8411	2.5754
Ba-127	0.7270	0.5117	0.8783	0.8180
Ba-128	0.6237	0.5367	0.7193	0.8714
Ba-129	0.7608	0.5797	0.8709	0.9052
Ba-129m	4.3259	2.5616	6.7323	5.3911
Ba-131	2.4726	1.5473	3.5124	2.7887
Ba-131m	0.9348	0.7222	0.9609	1.0169
Ba-133	2.5249	1.6392	3.6515	2.8405
Ba-133m	0.5814	0.4999	0.7709	0.8406
Ba-135m	0.5279	0.4563	0.6109	0.6975
Ba-137m	1.4828	0.7931	2.4385	2.3053
Ba-139	0.3844	0.2131	0.5434	0.1897
Ba-140	0.7506	0.4392	1.3360	1.0524
Ba-141	2.9410	1.7484	4.7128	2.9136
Ba-142	2.4931	1.5766	4.0016	3.3732

Nuclide	avg400	ctr400	mid400	cnr400
Be-10	0.0000	0.0000	0.0000	0.0000
Be-7	0.1723	0.0836	0.3170	0.2269
Bi-197	3.1267	1.8974	5.1358	4.6786
Bi-200	7.0396	4.1107	11.2163	9.2096
Bi-201	3.1807	1.9304	5.1882	4.5648
Bi-202	6.5113	3.6663	10.6229	9.2150
Bi-203	4.0650	2.4509	6.6853	5.6447
Bi-204	6.4156	3.6841	10.6695	9.2424
Bi-205	2.9860	1.8181	4.8544	4.1109
Bi-206	7.4645	4.2484	12.5768	10.5828
Bi-207	3.6299	2.0848	6.0212	5.4068
Bi-208	1.9446	1.2081	3.1858	2.3917
Bi-210	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.4492	1.0527	2.2420	1.2820
Bi-211	0.2312	0.1213	0.4094	0.2285
Bi-212n	0.0000	0.0000	0.0000	0.0000
Bi-212	0.2108	0.1337	0.4083	0.3794
Bi-213	0.4944	0.2526	0.8200	0.6088
Bi-214	2.1159	1.1506	3.8166	3.0757
Bi-215	1.0169	0.6624	1.6745	1.0726
Bi-216	2.4116	1.2050	4.2130	3.2458
Bk-245	2.2688	1.7256	2.8535	2.1143
Bk-246	2.5204	1.6406	4.1260	3.7761
Bk-247	1.2545	0.9758	1.4460	1.1014
Bk-248m	0.4377	0.3175	0.6372	0.5223
Bk-249	0.0000	0.0000	0.0000	0.0000
Bk-250	1.5501	0.9018	2.8342	2.7104
Bk-251	1.0429	0.7131	1.4235	0.9296
Br-72	3.0208	1.6490	5.5472	4.7693
Br-73	1.4472	0.8181	2.1942	1.7832
Br-74	3.3678	1.9443	5.7582	4.6304
Br-74m	4.2626	2.3405	7.4480	6.3596
Br-75	2.0677	1.3541	3.5426	2.0421
Br-76	3.0111	1.6479	5.5729	4.4395
Br-76m	0.5054	0.4387	0.7682	0.8450
Br-77	1.3222	0.9445	2.3229	1.8720
Br-77m	0.2454	0.2391	0.4609	0.4915
Br-78	0.2335	0.1285	0.4111	0.3781
Br-80	0.1420	0.0799	0.2530	0.2387
Br-80m	0.3591	0.3833	0.7408	0.8628

Nuclide	avg400	ctr400	mid400	cnr400
Br-82m	0.0897	0.1236	0.3182	0.3786
Br-82	5.2834	2.8209	9.4575	8.3174
Br-83	0.0213	0.0106	0.0396	0.0299
Br-84m	4.8322	2.5686	8.7330	6.7934
Br-84	1.7208	0.9663	3.1213	2.5893
Br-85	0.1145	0.0634	0.2049	0.1861
C-10	1.6003	0.8533	2.7518	2.6042
C-11	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0103	0.0171	0.0504	0.0733
Ca-45	0.0000	0.0000	0.0000	0.0000
Ca-47	1.4027	0.7551	2.7981	2.3808
Ca-49	1.4561	0.8663	2.6813	1.9156
Cd-101	2.7533	1.7356	4.5048	3.5500
Cd-102	2.2956	1.3062	3.8961	3.0442
Cd-103	2.2116	1.3269	3.9171	3.0074
Cd-104	1.3152	0.9314	1.6869	1.7114
Cd-105	1.4910	0.9022	2.6446	2.0631
Cd-107	0.4978	0.4475	0.6809	0.7750
Cd-109	0.4530	0.4093	0.6231	0.7136
Cd-111m	2.0732	1.6828	2.5780	1.5617
Cd-113	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0006	0.0005	0.0008	0.0007
Cd-115	0.6446	0.3403	1.1682	0.8692
Cd-115m	0.0537	0.0291	0.1003	0.0905
Cd-117	2.1152	1.2667	3.7680	2.6313
Cd-117m	2.5281	1.3855	4.6277	3.7361
Cd-118	0.0000	0.0000	0.0000	0.0000
Cd-119	2.5319	1.4562	4.6207	2.8863
Cd-119m	2.9621	1.6349	5.3822	4.3589
Ce-130	2.2642	1.4629	3.0475	2.3110
Ce-131	3.0715	1.8059	4.8885	3.7718
Ce-132	2.1972	1.4359	2.6822	1.5675
Ce-133	1.4785	1.1694	1.5080	1.8556
Ce-133m	4.1987	2.4370	6.7852	5.4880
Ce-134	0.4101	0.3596	0.3942	0.6342
Ce-135	3.1128	2.0467	4.8018	3.8254
Ce-137	0.4601	0.4050	0.5289	0.8026
Ce-137m	0.4981	0.4302	0.5544	0.5976
Ce-139	1.6105	1.0098	2.1104	1.1658

Nuclide	avg400	ctr400	mid400	cnr400
Ce-141	0.7763	0.4118	1.0691	0.3802
Ce-143	1.4418	0.9673	2.1632	1.4943
Ce-144	0.2114	0.1214	0.2511	0.1247
Ce-145	2.4545	1.4953	3.7585	3.3943
Cf-244	0.0386	0.0411	0.0852	0.0905
Cf-246	0.0268	0.0284	0.0587	0.0622
Cf-247	1.2457	0.9465	1.8060	1.4510
Cf-248	0.0325	0.0342	0.0708	0.0750
Cf-249	1.5588	0.8497	2.5954	1.7322
Cf-250	0.0407	0.0351	0.0813	0.0775
Cf-251	1.2710	0.9200	1.6620	1.1274
Cf-252	0.7745	0.4475	1.3371	1.0094
Cf-253	0.0915	0.0964	0.1936	0.2122
Cf-254	27.5838	15.5046	47.2033	34.9846
Cf-255	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0000	0.0000	0.0000	0.0000
Cl-34m	1.6204	0.8724	2.7430	1.6143
Cl-36	0.0001	0.0001	0.0004	0.0006
Cl-38	1.1172	0.6408	2.0601	1.2146
Cl-39	2.2885	1.5309	3.9757	2.9832
Cl-40	2.9925	1.7176	5.6238	3.9106
Cm-238	0.9846	0.7518	1.2063	0.9885
Cm-239	2.5198	1.7141	3.0211	1.7387
Cm-240	0.0414	0.0454	0.0962	0.0999
Cm-241	2.7828	1.7950	4.4203	3.4225
Cm-242	0.0371	0.0407	0.0863	0.0897
Cm-243	1.2383	1.0097	1.6800	1.3415
Cm-244	0.0318	0.0349	0.0742	0.0770
Cm-245	1.2538	0.9740	1.5945	1.2961
Cm-246	0.0313	0.0312	0.0692	0.0689
Cm-247	1.3458	0.6824	2.1148	1.5107
Cm-248	2.1741	1.2348	3.7352	2.7856
Cm-249	0.0776	0.0610	0.1832	0.2035
Cm-250	21.7567	12.2313	37.2320	27.5737
Cm-251	0.4231	0.2391	0.7095	0.5390
Co-54m	4.7587	2.5143	8.7620	6.9658
Co-55	2.0906	1.1432	3.8825	3.4026
Co-56	4.0117	2.2504	7.5953	6.6911
Co-57	1.3464	0.7984	1.8887	1.1171
Co-58	1.6367	0.9309	3.0421	3.0120

Nuclide	avg400	ctr400	mid400	cnr400
Co-58m	0.0415	0.0686	0.2021	0.2937
Co-60	3.2004	1.7453	6.3554	5.4886
Co-60m	0.0637	0.0864	0.2363	0.3381
Co-61	0.7257	0.4758	0.5054	0.6256
Co-62	1.8454	1.0093	3.5470	3.1034
Co-62m	3.2713	1.7887	6.3063	5.5039
Cr-48	2.8161	1.7206	4.5442	2.2801
Cr-49	1.1137	0.7268	1.2000	0.7687
Cr-51	0.1805	0.1192	0.4397	0.2995
Cr-55	0.0007	0.0004	0.0013	0.0008
Cr-56	1.1022	0.8487	0.9880	1.1461
Cs-121	1.0584	0.6418	1.5880	1.0344
Cs-121m	1.9801	1.2256	2.7527	1.7787
Cs-123	1.3532	0.9037	1.9316	1.8108
Cs-124	0.6136	0.3278	1.1016	0.7142
Cs-125	1.1713	0.7120	1.8332	1.6319
Cs-126	1.0358	0.5455	1.6937	1.2974
Cs-127	1.8906	1.1049	2.7777	2.3399
Cs-128	0.6613	0.3760	1.0624	0.9057
Cs-129	1.5570	1.0022	2.2474	2.0433
Cs-130m	0.9136	0.7165	0.8540	1.1657
Cs-130	0.2993	0.2386	0.3716	0.4910
Cs-131	0.3659	0.3388	0.3554	0.6421
Cs-132	2.0179	1.2060	3.1257	3.2057
Cs-134	3.5886	1.8895	6.2816	5.6809
Cs-134m	0.3439	0.2576	0.4477	0.4815
Cs-135	0.0000	0.0000	0.0000	0.0000
Cs-135m	3.1345	1.7135	5.5943	5.4045
Cs-136	4.5320	2.5217	8.0450	6.6883
Cs-137	1.3782	1.4010	1.4919	1.7114
Cs-138m	1.1266	0.7114	1.7012	1.3556
Cs-138	3.1121	1.6979	5.7799	4.3092
Cs-139	0.3193	0.1758	0.6043	0.4747
Cs-140	2.1316	1.1544	3.8107	3.0278
Cu-57	0.1635	0.0896	0.3086	0.2835
Cu-59	0.7949	0.4213	1.5077	1.1856
Cu-60	3.1152	1.7380	5.9912	4.6023
Cu-61	0.5824	0.3726	1.0268	0.8547
Cu-62	0.0107	0.0072	0.0239	0.0250
Cu-64	0.0323	0.0451	0.1360	0.1878

Nuclide	avg400	ctr400	mid400	cnr400
Cu-66	0.1540	0.0849	0.2835	0.2681
Cu-67	1.0124	0.6717	1.1431	0.5967
Cu-69	0.9322	0.5053	1.6969	1.5264
Dy-148	2.1161	1.1844	3.1454	2.8633
Dy-149	3.1712	1.9535	4.8081	4.0804
Dy-150	1.3725	0.7271	1.9317	1.4745
Dy-151	3.1988	1.8122	5.2040	4.1523
Dy-152	2.0279	1.6955	2.3883	1.6602
Dy-153	3.3140	2.1639	4.3532	3.4075
Dy-154	0.0000	0.0000	0.0000	0.0000
Dy-155	2.5262	1.7514	3.1614	2.3702
Dy-157	2.0381	1.1439	3.4831	1.7602
Dy-159	0.6080	0.4252	0.5270	0.5261
Dy-165m	0.1566	0.1216	0.2586	0.2758
Dy-165	0.1579	0.1043	0.1800	0.1655
Dy-166	0.5077	0.3552	0.4564	0.5236
Dy-167	2.1627	1.3674	3.4209	2.3536
Dy-168	1.8575	1.0449	2.6196	1.8230
Er-154	0.6614	0.4987	0.6287	0.7975
Er-156	0.8306	0.6349	0.9435	1.1432
Er-159	2.5368	1.4854	3.6743	3.0882
Er-161	2.5685	1.5364	3.8229	3.4915
Er-163	0.5156	0.3462	0.4020	0.4647
Er-165	0.4950	0.3337	0.3877	0.4511
Er-167m	0.7773	0.5538	0.7541	0.4620
Er-169	0.0012	0.0020	0.0058	0.0085
Er-171	2.2755	1.3730	3.6704	1.8988
Er-172	2.0676	1.1073	2.9274	2.4894
Er-173	3.4754	2.1299	4.2163	3.0493
Es-249	2.2565	1.3656	3.3578	2.3415
Es-250	5.5768	3.6950	8.9382	7.0138
Es-250m	1.8647	1.1901	2.8354	2.2459
Es-251	1.2129	0.8707	1.7125	1.2264
Es-253	0.0118	0.0118	0.0251	0.0263
Es-254	0.3671	0.4001	0.8566	0.9529
Es-254m	1.2898	0.7516	2.1909	2.0593
Es-255	0.0011	0.0006	0.0019	0.0014
Es-256	0.0595	0.0611	0.1160	0.1273
Eu-142	0.3529	0.2024	0.6156	0.5015
Eu-142m	5.3303	2.8826	9.5651	8.5900

Nuclide	avg400	ctr400	mid400	cnr400
Eu-143	0.5381	0.3334	0.8832	0.6621
Eu-144	0.2454	0.1530	0.4163	0.2586
Eu-145	2.3338	1.3855	3.8387	3.2456
Eu-146	4.8213	2.6825	8.0830	7.1565
Eu-147	1.9626	1.2409	2.5407	1.8796
Eu-148	5.7407	3.0903	9.7512	8.0456
Eu-149	0.6335	0.4753	0.8411	0.6351
Eu-150	5.2054	2.7567	9.1529	6.2720
Eu-150m	0.1797	0.1032	0.2904	0.1868
Eu-152	2.9227	1.7079	4.7754	3.5741
Eu-152m	0.7528	0.4436	1.1944	1.0144
Eu-152n	0.8977	0.7176	0.9094	0.9930
Eu-154	2.7051	1.5206	4.4417	3.6823
Eu-154m	0.8807	0.7102	0.9187	1.1000
Eu-155	0.7201	0.5388	0.6596	0.6361
Eu-156	1.7170	0.9747	3.0177	2.6177
Eu-157	1.5034	0.8798	2.0679	1.6601
Eu-158	2.2160	1.2596	3.8383	3.5246
Eu-159	1.4795	0.9642	1.7033	1.5209
F-17	0.0005	0.0003	0.0010	0.0009
F-18	0.0000	0.0000	0.0000	0.0000
Fe-52	1.5018	0.8312	2.1516	0.7051
Fe-53	0.7063	0.3467	1.2006	0.7619
Fe-53m	4.6067	2.5071	8.4547	7.5279
Fe-55	0.0343	0.0568	0.1675	0.2435
Fe-59	1.6739	0.9156	3.2122	2.8465
Fe-60	0.0000	0.0000	0.0000	0.0000
Fe-61	2.1982	1.2357	4.0825	3.2504
Fe-62	1.6486	0.8058	3.1504	2.2657
Fm-251	1.2941	0.8467	1.8459	1.2754
Fm-252	0.0302	0.0311	0.0616	0.0655
Fm-253	0.8653	0.6666	1.3314	1.0516
Fm-254	0.0417	0.0376	0.0814	0.0804
Fm-255	0.3130	0.3325	0.6814	0.7303
Fm-256	20.5158	11.5359	35.1169	26.0858
Fm-257	1.3356	0.9750	1.8234	1.2882
Fr-212	2.8314	1.9143	4.3636	3.6903
Fr-219	0.0168	0.0091	0.0288	0.0173
Fr-220	0.1187	0.0976	0.1739	0.1685
Fr-221	0.2212	0.1684	0.2329	0.1433

Nuclide	avg400	ctr400	mid400	cnr400
Fr-222	1.2282	0.9058	1.4316	0.9398
Fr-223	0.5786	0.4312	0.6317	0.6240
Fr-224	1.5789	1.0146	2.3025	1.5958
Fr-227	2.1850	1.4259	2.9499	2.4942
Ga-64	2.2767	1.2838	4.1969	3.4790
Ga-65	1.2793	0.7977	1.7139	1.2886
Ga-66	1.5230	0.9002	2.8853	2.4693
Ga-67	1.2600	0.9511	1.9200	1.5827
Ga-68	0.0665	0.0458	0.1499	0.1600
Ga-70	0.0153	0.0089	0.0268	0.0226
Ga-72	3.5254	1.9331	6.2868	5.3968
Ga-73	1.7724	1.1927	3.5163	2.2491
Ga-74	3.9304	2.1103	6.9968	5.5049
Gd-142	1.3237	0.8063	2.0749	1.4568
Gd-143m	3.7020	2.4337	5.8219	4.2567
Gd-144	0.7771	0.4762	1.2034	0.8615
Gd-145m	1.5698	0.8759	2.7164	2.5341
Gd-145	2.1429	1.2741	3.6989	2.5249
Gd-146	2.8652	1.8242	3.3179	1.8534
Gd-147	4.4595	2.7681	6.6754	5.1771
Gd-148	0.0000	0.0000	0.0000	0.0000
Gd-149	2.7754	1.6304	4.2833	2.4420
Gd-150	0.0000	0.0000	0.0000	0.0000
Gd-151	0.7730	0.5696	0.9436	0.6988
Gd-152	0.0000	0.0000	0.0000	0.0000
Gd-153	1.3352	1.0279	1.2950	1.1756
Gd-159	0.3292	0.1902	0.4567	0.3091
Gd-162	1.6673	0.8258	2.7849	2.0198
Ge-66	2.0518	1.3071	3.3554	2.5384
Ge-67	1.7211	0.9387	2.6616	1.2339
Ge-68	0.0843	0.1395	0.4107	0.5960
Ge-69	1.2420	0.7445	2.5098	2.3985
Ge-71	0.0855	0.1415	0.4166	0.6045
Ge-75	0.2088	0.1674	0.2826	0.1651
Ge-77	3.6768	2.3780	5.4012	3.7505
Ge-78	1.5830	1.1855	2.4795	1.2882
H-3	0.0000	0.0000	0.0000	0.0000
Hf-167	1.4088	0.7929	2.3705	1.2089
Hf-169	2.1848	1.1788	3.3952	2.6615
Hf-170	2.5008	1.5020	3.2610	2.5927

Nuclide	avg400	ctr400	mid400	cnr400
Hf-172	1.3164	0.9277	1.3203	1.5441
Hf-173	3.0935	1.7797	4.0023	2.1927
Hf-174	0.0000	0.0000	0.0000	0.0000
Hf-175	2.0811	1.1750	3.1712	2.0308
Hf-177m	13.4814	8.6270	19.4566	11.1977
Hf-178m	10.4534	6.3309	15.7335	10.8135
Hf-179m	5.3159	3.1075	7.6431	4.8861
Hf-180m	5.1517	3.0558	7.7072	4.8856
Hf-181	2.5132	1.2886	4.0766	2.6247
Hf-182	1.5170	1.1613	2.1438	1.2247
Hf-182m	4.0526	2.4366	5.9453	4.3601
Hf-183	2.2307	1.2532	3.3970	3.0782
Hf-184	1.8136	1.1150	2.9766	1.9654
Hg-190	2.0666	1.2762	2.5892	1.7120
Hg-191m	4.8168	3.2253	7.1716	5.7517
Hg-192	2.1703	1.6042	2.8181	2.2112
Hg-193	2.4529	1.5882	3.5085	3.1069
Hg-193m	2.7795	1.6238	4.3442	3.6749
Hg-194	0.0507	0.0796	0.2242	0.3078
Hg-195	1.1092	0.8039	1.3926	1.5762
Hg-195m	1.2937	1.0551	1.9790	1.9225
Hg-197	0.8666	0.6709	0.9239	1.1753
Hg-197m	0.9870	0.6680	1.3772	1.0699
Hg-199m	1.5824	0.9585	2.2529	1.3939
Hg-203	1.4121	1.0489	2.1618	1.1964
Hg-205	0.0407	0.0284	0.0390	0.0218
Hg-206	0.6338	0.3819	1.1285	0.5861
Hg-207	4.1141	2.2907	7.4671	5.0880
Ho-150	2.2873	1.2426	3.9471	3.7277
Ho-153	2.2835	1.4052	3.6483	2.4156
Ho-153m	2.5585	1.5712	3.6147	2.5896
Ho-154m	6.7651	3.4705	11.8997	8.2532
Ho-154	3.3832	1.7904	6.1065	4.0047
Ho-155	1.8444	1.2057	2.3959	1.7359
Ho-156	4.2268	2.6106	6.4725	4.4766
Ho-157	2.7544	1.7527	3.6502	2.5891
Ho-159	2.8903	1.8239	3.4125	2.1863
Ho-160	4.2262	2.4465	6.5318	6.0653
Ho-161	0.7807	0.5852	0.7694	0.8649
Ho-162	0.7535	0.5104	0.7557	0.7704

Nuclide	avg400	ctr400	mid400	cnr400
Ho-162m	1.9746	1.2696	2.7185	2.2426
Ho-163	0.0014	0.0023	0.0067	0.0098
Ho-164	0.3874	0.2717	0.3336	0.3692
Ho-164m	0.6359	0.4819	0.6926	0.8720
Ho-166	0.1602	0.1149	0.1812	0.2059
Ho-166m	5.1209	2.9871	7.8836	6.1840
Ho-167	1.8684	1.0196	3.2036	1.7259
Ho-168	1.9787	1.1148	3.2799	3.0621
Ho-168m	0.1022	0.0884	0.1615	0.2160
Ho-170	4.3389	2.6919	6.7209	5.7734
I-118m	6.6654	3.5180	11.6518	10.1126
I-118	2.2898	1.2094	4.0228	3.4195
I-119	1.9061	1.5706	2.5518	1.8906
I-120	2.6892	1.4831	4.8036	3.7429
I-120m	5.7664	3.0480	10.1435	8.5486
I-121	1.9145	1.4143	2.1291	1.5673
I-122	0.4565	0.2675	0.7598	0.6851
I-123	1.6933	1.0283	2.4480	1.2770
I-124	1.8556	1.0944	3.0685	2.7324
I-125	0.6996	0.6538	0.7538	1.1878
I-126	1.4289	0.8019	2.2684	1.9913
I-128	0.2598	0.1374	0.4343	0.3406
I-129	0.3920	0.3557	0.3794	0.6392
I-130m	0.3775	0.2316	0.6439	0.5904
I-130	5.4097	2.7899	9.4601	8.1367
I-131	1.5688	1.5627	1.5835	1.7762
I-132	4.7541	2.5380	8.3139	7.5175
I-132m	1.0889	0.6663	1.7249	1.6111
I-133	1.7161	0.8636	3.1780	2.4613
I-134m	1.8011	1.4444	2.4661	1.8633
I-134	4.8396	2.6277	8.6116	7.7177
I-135	2.1243	1.1782	4.0157	3.2163
In-103	3.2582	1.8717	5.2205	3.9448
In-105	2.7228	1.5847	4.2916	3.1192
In-106	5.6832	3.0908	9.8876	8.9709
In-106m	2.5906	1.4161	4.4504	3.6682
In-107	2.4521	1.5115	3.7981	2.6587
In-108	7.1624	4.1949	12.3038	10.7023
In-108m	2.5670	1.4622	4.4171	3.6100
In-109	2.3023	1.5333	2.9586	2.1635

Nuclide	avg400	ctr400	mid400	cnr400
In-109m	1.5253	0.8065	2.5153	2.3416
In-110	6.5409	3.6290	11.2976	10.6277
In-110m	1.9235	1.0652	3.1953	2.9276
In-111	3.1935	2.3950	4.0334	2.2173
In-111m	1.4700	0.7475	2.6889	2.0765
In-112	0.2082	0.1514	0.3164	0.3243
In-112m	0.4405	0.3285	0.6216	0.4809
In-113m	1.1767	0.6159	1.8536	1.3704
In-114	0.0049	0.0032	0.0087	0.0080
In-114m	0.5017	0.3550	0.6505	0.5168
In-115	0.0000	0.0000	0.0000	0.0000
In-115m	0.8804	0.5088	1.6293	0.9073
In-116m	3.4408	1.8533	6.4982	5.4068
In-117	2.9693	1.5060	5.0196	2.9361
In-117m	0.6281	0.3593	1.1149	0.4953
In-118m	4.3612	2.3619	8.1083	7.3557
In-118	0.1077	0.0576	0.2123	0.1873
In-119	1.6693	0.9332	2.9271	2.8367
In-119m	0.1524	0.0983	0.2816	0.2399
In-121	1.7461	0.9967	3.0695	2.8781
In-121m	0.3707	0.2834	0.3876	0.4633
Ir-180	3.4895	2.1254	5.3626	4.1889
Ir-182	3.2048	2.0503	4.7025	3.5169
Ir-183	2.9489	1.9016	4.2269	3.6071
Ir-184	5.0124	3.1925	7.5879	6.0897
Ir-185	2.3555	1.6583	3.2848	2.9910
Ir-186	4.8012	2.8087	7.6338	5.5048
Ir-186m	2.7247	1.5885	4.2523	3.6108
Ir-187	1.5421	1.0175	2.0158	2.1179
Ir-188	3.3744	1.9606	5.3545	4.0788
Ir-189	0.8462	0.6668	0.9039	1.1409
Ir-190	5.7437	3.2053	8.8186	6.6992
Ir-190m	0.0476	0.0781	0.2279	0.3274
Ir-190n	0.6762	0.4996	0.6515	0.8434
Ir-191m	0.8711	0.6027	1.1022	1.0609
Ir-192	3.5827	1.9322	6.7603	3.6011
Ir-192m	0.0551	0.0879	0.2514	0.3516
Ir-192n	0.1201	0.1861	0.5255	0.7323
Ir-193m	0.0506	0.0794	0.2268	0.3248
Ir-194	0.3285	0.1771	0.6295	0.3370

Nuclide	avg400	ctr400	mid400	cnr400
Ir-194m	7.9811	4.0840	14.4148	9.9506
Ir-195	0.6825	0.5359	0.7261	0.8968
Ir-195m	1.8649	1.1407	2.8238	2.0873
Ir-196	0.6895	0.3569	1.2440	0.8549
Ir-196m	8.5439	4.3759	14.6512	10.9043
K-38	1.4904	0.8394	2.6466	1.7200
K-40	0.1669	0.0958	0.3334	0.2224
K-42	0.2866	0.1661	0.5648	0.3256
K-43	3.1937	1.6230	5.3520	4.0037
K-44	2.3734	1.3165	4.4365	3.6191
K-45	2.6779	1.5174	4.4041	2.3584
K-46	2.3472	1.3237	4.6156	3.6159
Kr-74	1.8033	1.2188	2.3550	1.5214
Kr-75	1.6994	0.8956	2.4606	1.0668
Kr-76	2.1836	1.4168	3.8915	2.4408
Kr-77	1.7782	0.9002	2.4604	0.8599
Kr-79	0.8002	0.5809	1.4426	1.1763
Kr-81	0.1053	0.1486	0.3798	0.4498
Kr-81m	1.0606	0.6933	1.1917	0.4919
Kr-83m	0.0452	0.0657	0.1710	0.2105
Kr-85	0.0071	0.0035	0.0135	0.0099
Kr-85m	1.3190	0.6790	2.0870	0.6529
Kr-87	1.3271	0.6761	2.2057	1.6375
Kr-88	2.0987	1.2251	3.4584	2.3070
Kr-89	2.7080	1.5513	4.6818	3.5182
La-128	4.9836	2.9076	8.7368	6.5041
La-129	1.7110	1.1523	2.5034	1.8775
La-130	3.5646	1.8946	6.3927	4.6882
La-131	2.1217	1.3703	3.0221	2.4684
La-132	3.1047	1.6903	5.3883	4.2960
La-132m	2.3950	1.3608	3.6678	2.7133
La-133	0.5889	0.4835	0.7564	0.9907
La-134	0.2656	0.1959	0.3399	0.4244
La-135	0.4269	0.3749	0.4108	0.7296
La-136	0.3069	0.2606	0.3206	0.5310
La-137	0.3816	0.3471	0.3427	0.6660
La-138	1.7743	1.0621	3.2098	2.7074
La-140	3.3833	1.8610	6.3968	4.0905
La-141	0.0301	0.0167	0.0598	0.0460
La-142	2.4018	1.3226	4.2370	3.3257

Nuclide	avg400	ctr400	mid400	cnr400
La-143	0.3463	0.1881	0.6263	0.5104
Lu-165	2.8743	1.7124	3.8014	2.8312
Lu-167	3.3780	2.0991	5.0064	3.9566
Lu-169m	0.0346	0.0573	0.1688	0.2451
Lu-169	3.0331	1.8208	4.3505	3.7215
Lu-170	3.2256	1.9004	5.2587	4.4024
Lu-171m	0.0400	0.0625	0.1793	0.2600
Lu-171	2.3208	1.4498	3.1677	3.4010
Lu-172	4.5272	2.6535	7.0729	6.3190
Lu-172m	0.0311	0.0515	0.1518	0.2204
Lu-173	1.7125	1.1835	1.6034	1.5886
Lu-174	0.7331	0.4945	0.7021	0.8788
Lu-174m	0.7290	0.5551	0.8162	1.0880
Lu-176	3.0990	1.9852	4.4733	2.2709
Lu-176m	0.1787	0.1452	0.2075	0.2697
Lu-177	0.3025	0.2121	0.3080	0.2001
Lu-177m	6.6432	4.2178	8.5197	5.1776
Lu-178	0.2686	0.1818	0.4176	0.3923
Lu-178m	5.8875	3.5779	8.5113	5.4164
Lu-179	0.2060	0.1488	0.2107	0.1117
Lu-180	3.2513	1.8684	5.4587	4.3294
Lu-181	2.1570	1.3208	3.2436	2.7272
Mg-27	1.6171	0.8867	2.9094	2.7808
Mg-28	2.5188	1.4593	4.2858	3.8174
Mn-50m	5.3367	2.9234	9.9850	8.7004
Mn-51	0.0091	0.0059	0.0191	0.0194
Mn-52	4.7993	2.6648	8.9543	7.7324
Mn-52m	1.5707	0.8862	3.1212	2.1578
Mn-53	0.0279	0.0463	0.1364	0.1983
Mn-54	1.6246	0.9181	3.0012	2.9587
Mn-56	2.2353	1.2380	4.0381	3.4586
Mn-57	0.4421	0.2896	0.7891	0.6395
Mn-58m	3.5992	1.9494	6.7326	5.7348
Mo-101	2.6705	1.4892	4.6212	3.6148
Mo-102	0.1466	0.0939	0.1768	0.0711
Mo-89	0.3425	0.1892	0.6239	0.5485
Mo-90	3.0785	2.2078	4.3349	2.6000
Mo-91m	1.5066	0.8238	2.7249	2.2636
Mo-91	0.0284	0.0229	0.0549	0.0375
Mo-93	0.2193	0.2246	0.4308	0.3366

Nuclide	avg400	ctr400	mid400	cnr400
Mo-93m	4.1532	2.5802	7.1759	5.3722
Mo-99	0.4596	0.2543	0.7254	0.5483
N-13	0.0000	0.0000	0.0000	0.0000
N-16	1.0398	0.6708	2.0003	1.4578
Na-22	1.6007	0.8627	3.2461	2.8550
Na-24	3.0743	1.7356	5.8393	4.2493
Nb-87	1.9938	1.3312	2.1439	0.9100
Nb-88m	5.8290	3.1484	10.3506	8.7796
Nb-88	6.8281	3.8403	12.0609	10.3500
Nb-89	0.5518	0.3383	1.0432	0.7432
Nb-89m	1.5170	0.7732	2.8885	2.1390
Nb-90	4.4060	2.4572	7.7012	5.3549
Nb-91	0.2093	0.2238	0.4393	0.3321
Nb-91m	0.2247	0.2132	0.4375	0.3518
Nb-92	3.4550	1.9294	6.2708	5.4591
Nb-92m	1.8564	1.1321	3.4103	3.1692
Nb-93m	0.0411	0.0433	0.0863	0.0738
Nb-94m	0.1575	0.1578	0.3098	0.2471
Nb-94	3.1730	1.7115	5.5553	5.2895
Nb-95	1.5903	0.8586	2.8036	2.6874
Nb-95m	0.5657	0.4976	0.7470	0.4972
Nb-96	5.1119	2.7390	9.1759	8.1071
Nb-97	1.6113	0.8460	2.6814	2.4911
Nb-98m	4.9416	2.6854	8.8924	7.7495
Nb-99	1.8764	1.1457	2.3740	1.1630
Nb-99m	1.0071	0.6014	1.6979	1.2577
Nd-134	2.2308	1.3966	3.1125	1.7034
Nd-135	2.7340	1.7535	3.6822	2.5598
Nd-136	1.5861	1.1136	1.9665	1.6983
Nd-137	2.3433	1.4655	3.6137	3.0461
Nd-138	0.5060	0.4002	0.5669	0.5812
Nd-139	0.6965	0.4648	0.9658	0.9137
Nd-139m	3.8970	2.3407	6.0809	5.5467
Nd-140	0.4166	0.3480	0.4225	0.5115
Nd-141	0.4469	0.3636	0.4800	0.5586
Nd-141m	1.4939	0.8142	2.5951	2.4851
Nd-144	0.0000	0.0000	0.0000	0.0000
Nd-147	0.8808	0.6011	1.1137	0.9301
Nd-149	2.0817	1.3737	2.7588	1.7189
Nd-151	2.5614	1.5383	3.8684	2.8367

Nuclide	avg400	ctr400	mid400	cnr400
Nd-152	0.9506	0.7474	1.4019	0.8597
Ne-19	0.0002	0.0001	0.0003	0.0002
Ne-24	1.7776	0.8701	3.2353	2.3745
Ni-56	5.0637	2.8610	8.7241	6.1190
Ni-57	1.8134	1.0245	3.4943	2.5458
Ni-59	0.0484	0.0802	0.2365	0.3438
Ni-63	0.0000	0.0000	0.0000	0.0000
Ni-65	0.7188	0.3985	1.3860	1.0113
Ni-66	0.0000	0.0000	0.0000	0.0000
Np-232	4.0163	2.6138	6.7166	5.3250
Np-233	1.0311	0.8526	1.2355	1.1669
Np-234	2.1363	1.4892	3.5314	2.7514
Np-235	0.1283	0.1512	0.3397	0.3678
Np-236	1.8751	1.4885	2.8106	2.2045
Np-236m	0.5461	0.4568	0.6771	0.6594
Np-237	0.4793	0.4476	0.7508	0.8046
Np-238	1.0846	0.6680	2.0248	1.9483
Np-239	1.7114	1.3574	2.2469	1.7668
Np-240	3.1784	1.9950	5.3668	4.5774
Np-240m	0.8914	0.5394	1.6332	1.3727
Np-241	0.4073	0.3104	0.5242	0.4199
Np-242	0.3910	0.2256	0.7207	0.6124
Np-242m	2.5622	1.6751	4.4727	3.9288
O-14	1.5007	0.8451	2.6474	1.7250
O-15	0.0000	0.0000	0.0000	0.0000
O-19	2.3602	1.4638	3.1612	1.8888
Os-180	0.9705	0.7082	1.1769	1.4007
Os-181	3.8524	2.5683	5.3941	4.7867
Os-182	2.3634	1.4672	3.3695	2.6242
Os-183	3.3677	1.9986	4.4839	3.6710
Os-183m	2.0930	1.2670	3.3140	3.3110
Os-185	2.1283	1.2446	3.0960	3.1213
Os-186	0.0000	0.0000	0.0000	0.0000
Os-189m	0.0455	0.0749	0.2193	0.3161
Os-190m	6.0261	3.2383	10.1181	7.1263
Os-191	0.9561	0.6509	1.1712	1.1037
Os-191m	0.1131	0.1219	0.2654	0.3797
Os-193	0.4069	0.2554	0.5893	0.4715
Os-194	0.0729	0.0879	0.2145	0.2845
Os-196	0.4720	0.2875	0.6216	0.4526

Nuclide	avg400	ctr400	mid400	cnr400
P-30	0.0011	0.0006	0.0020	0.0013
P-32	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000
Pa-227	0.2955	0.2538	0.3998	0.4137
Pa-228	3.9334	2.5618	6.4754	5.4387
Pa-229	0.8086	0.6859	0.9768	0.9875
Pa-230	2.1355	1.4386	3.3919	3.1456
Pa-231	0.4102	0.3855	0.8848	0.8148
Pa-232	2.3260	1.3518	4.1302	3.5614
Pa-233	1.5055	1.0407	2.6056	1.6508
Pa-234	4.1623	2.6453	6.7942	5.7462
Pa-234m	0.0349	0.0224	0.0590	0.0546
Pa-235	0.0164	0.0271	0.0797	0.1156
Pa-236	1.6645	0.9917	2.9097	2.4518
Pa-237	1.3711	0.7451	2.5135	2.2278
Pb-194	3.1583	1.9833	4.5541	3.7188
Pb-195m	5.0448	2.8216	8.1487	6.7482
Pb-196	2.6840	1.8485	3.5827	2.9130
Pb-197	3.3320	1.9158	5.3180	4.4416
Pb-197m	4.2071	2.4976	6.3780	5.2168
Pb-198	2.5635	1.6785	3.6085	2.6178
Pb-199	2.6315	1.5540	4.1550	3.2806
Pb-200	1.9009	1.2907	2.3562	1.7773
Pb-201	2.9738	1.7333	4.9219	3.4483
Pb-201m	1.1626	0.6771	1.7324	1.6706
Pb-202	0.0475	0.0761	0.2173	0.3038
Pb-202m	4.8770	2.6028	8.3518	7.2955
Pb-203	2.1600	1.5980	2.9290	2.0948
Pb-204m	4.6171	2.4696	8.1136	6.9529
Pb-205	0.0481	0.0770	0.2199	0.3074
Pb-209	0.0000	0.0000	0.0000	0.0000
Pb-210	0.0839	0.1009	0.2382	0.2926
Pb-211	0.1834	0.0965	0.3038	0.2570
Pb-212	1.0945	0.8897	1.2240	0.9226
Pb-214	1.3409	0.8322	2.2026	1.3303
Pd-100	1.5582	1.1456	1.5646	1.5514
Pd-101	1.3316	0.9305	2.2202	1.7866
Pd-103	0.2648	0.2318	0.3999	0.4299
Pd-107	0.0000	0.0000	0.0000	0.0000
Pd-109m	0.9517	0.6225	1.0660	0.4814

Nuclide	avg400	ctr400	mid400	cnr400
Pd-109	0.1803	0.1596	0.2401	0.2738
Pd-111	0.1079	0.0588	0.1848	0.1485
Pd-112	0.0984	0.0938	0.1776	0.1677
Pd-114	0.1888	0.1220	0.2345	0.1125
Pd-96	3.0500	1.6578	4.9271	3.8572
Pd-97	3.0777	1.9598	5.2177	3.8030
Pd-98	1.9162	1.2700	2.5104	2.0984
Pd-99	2.3907	1.3603	3.6493	2.2630
Pm-136	4.8637	2.5481	8.4951	6.7511
Pm-137m	4.4362	2.7804	6.5292	4.5891
Pm-139	0.7343	0.4249	1.1339	0.8926
Pm-140m	5.1362	2.7579	8.8771	7.8623
Pm-140	0.3044	0.1758	0.5154	0.4423
Pm-141	0.4934	0.3315	0.7250	0.6315
Pm-142	0.1686	0.1212	0.2317	0.1845
Pm-143	1.0435	0.6777	1.5139	1.4878
Pm-144	4.3975	2.4014	7.2267	6.4342
Pm-145	0.4451	0.3602	0.4606	0.4920
Pm-146	2.3068	1.2588	3.8269	3.2305
Pm-147	0.0000	0.0000	0.0001	0.0000
Pm-148	0.9386	0.5047	1.7560	1.3537
Pm-148m	5.3114	2.7958	9.1511	7.6711
Pm-149	0.0578	0.0399	0.0974	0.0539
Pm-150	2.8762	1.5262	5.4788	3.7988
Pm-151	1.6473	1.0044	2.5039	1.5091
Pm-152m	4.1952	2.7280	6.4264	4.5246
Pm-152	0.7030	0.4010	1.0800	0.8384
Pm-153	0.7504	0.4680	0.8796	0.5339
Pm-154	2.3153	1.3434	3.9956	3.2610
Pm-154m	3.8634	2.3301	6.1897	4.3136
Po-203	3.5101	2.1862	5.4479	4.9205
Po-204	4.1759	2.7814	6.1780	5.5688
Po-205	3.3991	2.0892	5.3835	4.9998
Po-206	3.7860	2.3477	6.2988	5.2604
Po-207	3.0911	1.8734	4.8396	4.5672
Po-208	0.0001	0.0001	0.0001	0.0001
Po-209	0.0246	0.0200	0.0425	0.0433
Po-210	0.0000	0.0000	0.0000	0.0000
Po-211	0.0182	0.0096	0.0323	0.0287
Po-212m	0.0724	0.0391	0.1277	0.0936

Nuclide	avg400	ctr400	mid400	cnr400
Po-212	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0000	0.0001	0.0001
Po-214	0.0002	0.0001	0.0003	0.0003
Po-215	0.0007	0.0003	0.0011	0.0008
Po-216	0.0000	0.0000	0.0001	0.0001
Po-218	0.0000	0.0000	0.0000	0.0000
Pr-134	6.5255	3.5126	10.8863	8.4341
Pr-134m	2.9993	1.5777	5.0217	3.7983
Pr-135	1.5892	1.0811	2.2435	1.7103
Pr-136	3.2570	1.7415	5.8024	4.6345
Pr-137	0.4921	0.3638	0.6276	0.6742
Pr-138	0.1720	0.1266	0.2236	0.2499
Pr-138m	5.1880	3.0074	9.1951	7.5635
Pr-139	0.4053	0.3422	0.4176	0.5554
Pr-140	0.2151	0.1816	0.2214	0.2920
Pr-142	0.0569	0.0335	0.1112	0.0572
Pr-142m	0.0022	0.0036	0.0107	0.0156
Pr-143	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0365	0.0199	0.0640	0.0521
Pr-144m	0.1749	0.1521	0.2118	0.2646
Pr-145	0.0421	0.0242	0.0688	0.0644
Pr-146	1.7501	0.9166	3.1807	2.3596
Pr-147	1.8828	1.1730	2.7488	2.1510
Pr-148	2.1280	1.2208	3.9571	2.5840
Pr-148m	3.1878	1.7822	5.7593	3.5900
Pt-184	4.4075	2.8528	5.6971	4.7070
Pt-186	2.5206	1.5599	3.5104	3.4090
Pt-187	2.7031	1.8137	3.4857	3.2171
Pt-188	1.7097	1.1613	1.9070	1.6804
Pt-189	2.3877	1.6049	3.0773	3.0033
Pt-190	0.0000	0.0000	0.0000	0.0000
Pt-191	2.0040	1.3284	2.4361	2.3886
Pt-193	0.0500	0.0806	0.2322	0.3278
Pt-193m	0.1746	0.1727	0.3454	0.4774
Pt-195m	0.9345	0.7725	1.1832	1.5251
Pt-197	0.2765	0.2232	0.3693	0.4115
Pt-197m	0.6948	0.5260	1.0612	1.0955
Pt-199	0.7385	0.4164	1.2423	0.8881
Pt-200	0.5801	0.4344	0.7152	0.6925
Pt-202	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Pu-232	0.7637	0.6279	0.9081	0.8480
Pu-234	0.8418	0.6978	1.0244	0.9626
Pu-235	1.0851	0.9018	1.3620	1.2924
Pu-236	0.0415	0.0474	0.1035	0.1068
Pu-237	0.6759	0.5800	0.9036	0.8807
Pu-238	0.0381	0.0437	0.0956	0.0986
Pu-239	0.0197	0.0240	0.0564	0.0647
Pu-240	0.0359	0.0411	0.0899	0.0927
Pu-241	0.0000	0.0000	0.0000	0.0000
Pu-242	0.0309	0.0353	0.0773	0.0796
Pu-243	0.2914	0.2260	0.3131	0.3195
Pu-244	0.0576	0.0472	0.1190	0.1067
Pu-245	1.5189	0.8909	2.5911	1.7789
Pu-246	1.4180	1.0782	1.6743	1.2161
Ra-219	0.9413	0.5497	1.7289	0.8715
Ra-220	0.0168	0.0082	0.0300	0.0216
Ra-221	0.4097	0.2912	0.6295	0.4398
Ra-222	0.0460	0.0240	0.0923	0.0405
Ra-223	1.1384	0.8245	1.5308	1.1365
Ra-224	0.0702	0.0607	0.0805	0.0537
Ra-225	0.2110	0.1804	0.2944	0.2346
Ra-226	1.3319	1.3571	1.4106	1.5250
Ra-227	0.9095	0.6938	1.5997	1.2756
Ra-228	1.3148	1.3334	1.3274	1.5377
Ra-230	0.5662	0.4043	0.7314	0.6040
Rb-77	1.8274	1.0762	2.4817	1.9376
Rb-78m	3.9905	2.1239	7.0547	5.5564
Rb-78	3.0056	1.6293	5.4286	4.0893
Rb-79	2.3731	1.2818	3.8102	2.3468
Rb-80	0.4697	0.2449	0.7901	0.7118
Rb-81	0.7885	0.4595	1.5103	1.2018
Rb-81m	0.1661	0.1678	0.3354	0.3143
Rb-82	0.2632	0.1468	0.4762	0.4524
Rb-82m	5.3952	2.9599	9.7709	8.6425
Rb-83	1.6053	0.8907	3.1428	2.4830
Rb-84	1.2006	0.7190	2.2671	2.1935
Rb-84m	2.0462	1.5389	2.7557	1.8353
Rb-86m	1.6072	0.8073	2.8988	2.2964
Rb-86	0.1404	0.0771	0.2633	0.2465
Rb-87	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Rb-88	0.6203	0.3502	1.1371	0.8321
Rb-89	2.6974	1.4886	5.0221	4.3698
Rb-90	1.4308	0.8216	2.6128	2.2652
Rb-90m	3.2822	1.8386	6.0302	5.1084
Re-178	2.7309	1.8989	3.8026	3.2828
Re-179	3.6121	2.1597	5.5382	4.0354
Re-180	2.7705	1.7334	4.1668	4.2703
Re-181	3.2577	1.9022	4.8868	3.9563
Re-182	6.3194	4.1690	8.7016	6.9130
Re-182m	2.9868	1.8937	4.2187	4.1761
Re-183	1.6577	1.1575	1.8945	1.7988
Re-184	2.4764	1.5311	3.6473	3.7126
Re-184m	1.9392	1.3636	2.5669	2.3716
Re-186	0.2198	0.1303	0.2684	0.1753
Re-186m	0.2997	0.3215	0.7015	0.9799
Re-187	0.0000	0.0000	0.0000	0.0000
Re-188	0.3451	0.1865	0.5320	0.2757
Re-188m	0.8650	0.6801	0.9570	1.2564
Re-189	0.3847	0.2810	0.4679	0.3160
Re-190	4.6052	2.5683	7.1351	5.2283
Re-190m	3.5125	1.9597	5.4542	4.1006
Rh-100m	0.5005	0.4046	0.6894	0.7439
Rh-100	4.0313	2.2366	7.3666	5.6292
Rh-101	2.5020	1.5275	2.9990	1.3551
Rh-101m	1.6281	1.0089	3.0833	1.5776
Rh-102	1.1811	0.6496	2.1133	1.6521
Rh-102m	5.3714	2.8736	9.4292	8.1310
Rh-103m	0.0317	0.0303	0.0588	0.0692
Rh-104	0.0359	0.0185	0.0647	0.0518
Rh-104m	0.6181	0.4461	0.5694	0.6367
Rh-105	0.3878	0.2050	0.7939	0.3271
Rh-106	0.5595	0.2823	1.0181	0.8060
Rh-106m	6.0542	3.1953	10.8978	8.8824
Rh-107	1.5203	0.8761	2.8268	1.3635
Rh-108	1.0595	0.5214	1.8041	1.3831
Rh-109	1.5896	0.9239	2.7637	1.3598
Rh-94	3.7473	2.0639	7.0736	5.4175
Rh-95	2.4903	1.4108	4.5506	3.9248
Rh-95m	1.5911	0.8233	2.8999	2.2939
Rh-96	6.1246	3.3148	10.6866	9.7034

Nuclide	avg400	ctr400	mid400	cnr400
Rh-96m	1.3692	0.7956	2.4607	2.1508
Rh-97	2.1126	1.1137	3.6028	2.8340
Rh-97m	3.0809	1.8310	4.9827	3.4463
Rh-98	1.8255	0.9749	3.0809	2.7729
Rh-99	2.2770	1.3873	3.7645	2.7668
Rh-99m	2.0207	1.1432	3.7274	2.4423
Rn-207	2.8869	1.6645	4.6898	3.6550
Rn-209	3.1990	1.8592	5.0273	4.1454
Rn-210	0.2110	0.1320	0.3252	0.2808
Rn-211	4.1626	2.4401	6.9078	6.0704
Rn-212	0.0008	0.0004	0.0013	0.0013
Rn-215	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0020	0.0010	0.0034	0.0030
Rn-219	0.3049	0.2058	0.4533	0.2922
Rn-220	1.4158	1.4441	1.4828	1.6767
Rn-222	0.0013	0.0006	0.0024	0.0017
Rn-223	1.2432	0.7971	2.0261	1.7684
Ru-103	1.6294	0.7993	3.0785	2.2241
Ru-105	2.1349	1.1557	3.6825	2.9111
Ru-106	0.0000	0.0000	0.0000	0.0000
Ru-107	0.8746	0.4954	1.4024	1.0597
Ru-108	0.5925	0.3264	0.8464	0.2904
Ru-92	5.6798	3.9916	7.5752	4.7421
Ru-94	1.8975	1.0656	3.3479	2.3796
Ru-95	2.7531	1.5440	5.1467	3.5670
Ru-97	1.7746	1.3273	2.1498	1.2411
S-35	0.0000	0.0000	0.0000	0.0000
S-37	1.3567	0.8062	2.5001	1.7736
S-38	1.2863	0.7298	2.3321	1.4553
Sb-111	2.3192	1.2244	3.8697	2.3636
Sb-113	1.8975	1.0087	3.5169	2.5331
Sb-114	2.5317	1.4057	4.9042	4.1091
Sb-115	1.9125	1.0392	3.4986	2.6681
Sb-116	2.2044	1.2684	4.1802	3.6507
Sb-116m	6.0730	3.4806	10.5033	9.0531
Sb-117	1.6601	0.9971	2.4724	1.1552
Sb-118	0.1564	0.1204	0.2434	0.2613
Sb-118m	5.5925	3.8631	9.1228	8.1123

Nuclide	avg400	ctr400	mid400	cnr400
Sb-119	0.4042	0.3860	0.5287	0.6838
Sb-120	0.2278	0.2036	0.3047	0.3753
Sb-120m	5.8275	3.6927	8.6299	7.6247
Sb-122m	0.9267	0.7147	0.7451	1.0440
Sb-122	1.2509	0.6364	2.2261	1.8172
Sb-124	2.9931	1.6076	5.2987	4.1217
Sb-124m	1.2282	0.6314	2.1733	1.8255
Sb-124n	0.0077	0.0127	0.0374	0.0544
Sb-125	1.6667	0.9515	2.6038	2.2065
Sb-126	6.9562	3.6421	11.7228	10.3811
Sb-126m	4.2065	2.1567	6.9984	6.0748
Sb-127	1.9399	1.0674	3.2824	2.7554
Sb-128	7.5742	4.0251	13.5250	11.1702
Sb-128m	4.8312	2.5884	8.8963	6.8628
Sb-129	2.6262	1.4304	4.7131	4.0510
Sb-130m	5.5155	3.0415	9.5430	8.4577
Sb-130	7.8536	4.3126	13.7012	10.5718
Sb-131	3.2654	1.7955	5.8535	4.9654
Sb-133	3.4458	1.9049	6.4047	5.1935
Sc-42m	4.8135	2.5637	9.0914	6.7034
Sc-43	0.3684	0.1821	0.6398	0.3966
Sc-44	1.6315	0.8881	3.1724	2.9060
Sc-44m	1.4323	1.1222	2.1324	1.2269
Sc-46	3.2293	1.7676	5.9923	5.6498
Sc-47	1.0112	0.5083	1.5610	0.4136
Sc-48	4.9682	2.7344	9.3206	8.3952
Sc-49	0.0009	0.0005	0.0017	0.0009
Sc-50	4.6555	2.5270	8.9202	6.5753
Se-70	1.5463	1.0386	2.6157	2.2754
Se-71	1.5726	0.8237	2.6496	1.7420
Se-72	0.4928	0.4526	0.8737	1.0953
Se-73	2.2004	1.2367	3.4349	2.3738
Se-73m	0.2344	0.1685	0.4064	0.3698
Se-75	2.7324	1.8996	4.1173	2.4611
Se-77m	0.8351	0.4751	1.3747	0.5677
Se-79m	0.1853	0.2077	0.4271	0.5351
Se-79	0.0000	0.0000	0.0000	0.0000
Se-81	0.0304	0.0198	0.0512	0.0328
Se-81m	0.2358	0.2455	0.4840	0.5760
Se-83m	1.5937	0.8627	2.8703	2.3507

Nuclide	avg400	ctr400	mid400	cnr400
Se-83	5.3574	2.9484	9.4268	6.9461
Se-84	1.6896	0.8104	2.7147	1.9749
Si-31	0.0011	0.0006	0.0023	0.0020
Si-32	0.0000	0.0000	0.0000	0.0000
Sm-139	2.3891	1.4899	3.9990	2.6612
Sm-140	1.2657	0.8342	1.7875	1.3103
Sm-141	2.1540	1.1484	3.5740	2.6515
Sm-141m	4.2414	2.4976	6.3292	4.8019
Sm-142	0.4241	0.3319	0.4554	0.4138
Sm-143	0.3114	0.2311	0.3828	0.3369
Sm-143m	1.4831	0.8088	2.5685	2.4456
Sm-145	0.8854	0.6851	0.8835	0.8263
Sm-146	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0003	0.0004	0.0011	0.0015
Sm-153	0.7867	0.5967	0.7616	0.6783
Sm-155	1.1032	0.8446	1.1121	0.9414
Sm-156	1.0104	0.7161	1.1381	0.7267
Sm-157	1.9670	1.2309	2.3263	1.3342
Sn-106	3.3393	2.0936	5.2288	4.1373
Sn-108	3.1961	2.0439	4.7428	3.4685
Sn-109	3.0506	1.7868	5.5422	4.4398
Sn-110	1.8508	1.3997	2.9182	1.7666
Sn-111	0.4408	0.3306	0.6902	0.6697
Sn-113	0.3517	0.3283	0.4542	0.5392
Sn-113m	0.2330	0.2210	0.2969	0.3868
Sn-117m	1.6149	0.9444	2.4244	1.0431
Sn-119m	0.2624	0.2535	0.3643	0.4664
Sn-121	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.0855	0.0824	0.1129	0.1593
Sn-123	0.0103	0.0057	0.0194	0.0181
Sn-123m	1.3213	0.6913	2.0014	0.6029
Sn-125m	1.5894	0.8105	3.1544	1.4435
Sn-125	0.5304	0.2896	0.9792	0.8646
Sn-126	0.7048	0.5622	0.6491	0.7805
Sn-127m	1.6242	0.8027	3.0784	2.1893
Sn-127	3.3083	1.8458	5.8831	4.9176
Sn-128	2.7433	1.7090	4.1105	3.6490
Sn-129	2.0809	1.1105	3.5706	3.1722

Nuclide	avg400	ctr400	mid400	cnr400
Sn-130	3.5306	2.2041	4.7769	3.8120
Sn-130m	2.1349	1.2470	3.4261	2.7912
Sr-79	1.1898	0.7882	1.7013	1.0635
Sr-80	1.2142	0.7288	2.1176	1.6264
Sr-81	2.1789	1.1557	3.4145	1.8415
Sr-82	0.1214	0.1523	0.3384	0.3107
Sr-83	1.3921	0.8529	2.5919	2.2036
Sr-85	1.7002	0.9290	3.3305	2.4963
Sr-85m	1.5378	1.2166	1.7927	0.9919
Sr-87m	1.3732	0.6812	2.2527	1.5481
Sr-89	0.0002	0.0001	0.0003	0.0003
Sr-90	0.0000	0.0000	0.0000	0.0000
Sr-91	1.3177	0.7218	2.3346	2.1722
Sr-92	1.6340	0.9189	3.1984	2.4352
Sr-93	4.1995	2.2985	7.3872	5.9765
Sr-94	1.6337	0.9168	3.2152	2.3067
Ta-170	1.2754	0.8900	1.6361	1.6089
Ta-172	3.3094	2.1182	4.8162	4.1090
Ta-173	1.9171	1.2375	2.3542	2.1922
Ta-174	2.3098	1.5637	2.7300	2.2788
Ta-175	3.1691	1.9768	4.3188	3.4554
Ta-176	3.3921	2.0390	5.4888	4.5664
Ta-177	0.7396	0.5108	0.6336	0.7863
Ta-178	0.7657	0.5385	0.7120	0.9051
Ta-178m	6.7481	4.1152	9.5556	6.3138
Ta-179	0.3233	0.2414	0.3217	0.4561
Ta-180	0.5946	0.4260	0.4969	0.6812
Ta-182	2.9036	1.8104	4.4359	4.0581
Ta-182m	2.5095	1.5561	3.2675	2.0077
Ta-183	2.3778	1.7278	2.9989	2.3567
Ta-184	5.4580	3.3537	8.5549	6.6245
Ta-185	1.3163	0.8658	1.6565	1.1411
Ta-186	5.2297	3.0851	7.6962	5.5796
Tb-146	3.2810	1.8832	6.1351	4.1684
Tb-147m	1.9413	1.1452	3.4799	2.5446
Tb-147	3.6225	2.0080	6.1105	5.0403
Tb-148m	7.0592	3.7601	11.7435	10.2946
Tb-148	2.9748	1.6492	5.1720	4.4742
Tb-149m	2.7614	1.5604	4.4891	4.1407
Tb-149	3.2336	1.7939	5.2371	3.7724

Nuclide	avg400	ctr400	mid400	cnr400
Tb-150m	7.0727	3.7263	11.7979	9.6801
Tb-150	3.3290	1.8615	5.5672	4.5465
Tb-151	4.0450	2.5486	5.8675	4.3017
Tb-151m	0.4363	0.3105	0.7267	0.7808
Tb-152m	3.5698	2.2025	5.4735	3.5490
Tb-152	2.9107	1.6479	4.9715	3.3500
Tb-153	2.0319	1.3825	2.3961	1.7472
Tb-154	3.2026	1.8553	5.1418	4.0073
Tb-155	1.8147	1.2786	1.9355	1.4605
Tb-156	4.9018	2.8836	7.7357	6.0049
Tb-156m	0.4729	0.2837	0.2452	0.2953
Tb-156n	0.0694	0.0703	0.1480	0.1969
Tb-157	0.0830	0.0776	0.1528	0.1896
Tb-158	2.1148	1.3036	3.1449	2.9147
Tb-160	2.4707	1.4576	4.2056	3.5206
Tb-161	0.4889	0.3758	0.4983	0.6145
Tb-162	3.3263	2.2663	5.0219	4.0881
Tb-163	3.0815	1.5942	5.3439	3.5575
Tb-164	5.6072	3.2020	9.1828	7.2524
Tb-165	1.2751	0.7106	2.3764	1.8674
Tc-101	1.6412	0.9281	3.1451	1.4248
Tc-102m	4.1014	2.1478	7.4329	5.6967
Tc-102	0.1922	0.0972	0.3491	0.2702
Tc-104	3.8436	2.0295	7.0264	4.6386
Tc-105	2.5865	1.4997	4.1400	2.5806
Tc-91	1.4122	0.8063	2.6186	1.8062
Tc-91m	1.0841	0.5497	2.0763	1.5194
Tc-92	5.9135	3.2889	10.5359	6.5238
Tc-93	1.8090	1.1034	3.5739	2.6156
Tc-93m	1.5051	0.8097	2.5237	1.8007
Tc-94	5.2343	2.9275	9.2650	8.7349
Tc-94m	1.9210	1.0903	3.4765	3.1611
Tc-95	1.8426	1.0992	3.2701	3.0805
Tc-95m	2.4125	1.5425	3.4696	2.6828
Tc-96	5.0772	2.8624	9.1361	8.6379
Tc-96m	0.1996	0.1585	0.3571	0.3295
Tc-97	0.2254	0.2202	0.4146	0.3527
Tc-97m	0.1816	0.1703	0.3122	0.2903
Tc-98	3.2391	1.7177	5.5064	5.1830
Tc-99	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Tc-99m	1.2602	0.6233	1.7396	0.5135
Te-113	1.7417	0.9724	3.1736	2.6929
Te-114	2.4299	1.5789	3.8346	3.2863
Te-115	2.6135	1.5329	4.6211	3.8861
Te-115m	2.9730	1.6854	5.3840	4.5784
Te-116	1.0293	0.8699	1.1506	1.4117
Te-117	2.0881	1.2411	3.5512	3.1958
Te-118	0.3346	0.3160	0.3907	0.5617
Te-119	1.9792	1.1830	3.1376	3.0585
Te-119m	3.5524	2.1387	5.9658	4.4391
Te-121	1.9737	1.1457	3.3148	2.9082
Te-121m	1.5555	1.1820	1.6101	1.1122
Te-123	0.0072	0.0115	0.0331	0.0481
Te-123m	1.4767	0.8448	2.1970	0.9325
Te-125m	0.5859	0.5483	0.6406	1.0037
Te-127	0.0208	0.0106	0.0327	0.0232
Te-127m	0.1839	0.1743	0.2129	0.3345
Te-129	0.2757	0.1836	0.4532	0.4220
Te-129m	0.2005	0.1623	0.2679	0.3476
Te-131	1.8194	0.9367	2.9007	1.6080
Te-131m	3.2795	1.9174	5.4678	4.7324
Te-132	1.8690	1.5232	1.9175	1.5283
Te-133	2.6950	1.4375	5.0330	3.2746
Te-133m	3.8334	2.1822	6.5945	5.5251
Te-134	3.2209	1.9502	4.7143	3.6395
Th-223	0.8398	0.6593	1.0491	0.9306
Th-224	0.1877	0.1188	0.2509	0.1212
Th-226	0.0962	0.0809	0.1427	0.1211
Th-227	0.9992	0.8264	1.5456	1.1766
Th-228	0.0491	0.0503	0.1029	0.1034
Th-229	1.1140	0.9448	1.5733	1.4973
Th-230	0.8891	0.8536	0.8689	0.9512
Th-231	0.4120	0.4236	0.8098	0.8715
Th-232	1.2049	1.2363	1.2890	1.3986
Th-233	0.2115	0.1638	0.3651	0.3591
Th-234	0.1333	0.1140	0.1659	0.1815
Th-235	0.1602	0.0885	0.2639	0.2234
Th-236	0.2099	0.1458	0.3050	0.2386
Ti-44	1.5668	1.0586	1.0332	1.2256
Ti-45	0.0075	0.0066	0.0207	0.0240

Nuclide	avg400	ctr400	mid400	cnr400
Ti-51	1.6043	0.8256	3.2852	1.4707
Ti-52	1.3729	0.7232	1.7061	0.6817
Tl-190	2.1941	1.1629	3.4548	2.8274
Tl-190m	5.8578	3.1655	9.5842	8.0153
Tl-194	2.1647	1.1962	3.2671	2.7869
Tl-194m	7.2390	4.0987	11.4544	9.8286
Tl-195	2.5542	1.6486	4.0474	3.5908
Tl-196	3.6168	2.0253	5.8202	4.5568
Tl-197	1.8093	1.1398	2.4707	2.1869
Tl-198	3.9412	2.2215	6.3224	5.0815
Tl-198m	4.5159	2.6607	7.0108	5.8418
Tl-199	1.6726	1.1609	2.0143	1.7762
Tl-200	3.5783	2.0174	5.8929	4.6705
Tl-201	1.0470	0.7595	1.1419	1.1908
Tl-202	2.2208	1.2599	3.2667	2.7172
Tl-204	0.0150	0.0116	0.0158	0.0200
Tl-206m	7.7549	4.8311	11.9669	9.3167
Tl-206	0.0008	0.0006	0.0009	0.0010
Tl-207	0.0043	0.0024	0.0077	0.0074
Tl-208	3.6929	2.0191	6.4541	4.8858
Tl-209	4.4140	2.4640	7.2857	4.4810
Tl-210	4.9223	2.8710	8.9830	6.9325
Tm-161	3.5890	2.2475	4.3654	3.3078
Tm-162	2.4238	1.4780	3.7297	3.1985
Tm-163	3.4169	2.1308	4.7254	3.9405
Tm-164	0.8139	0.5137	1.0376	0.9600
Tm-165	2.7119	1.8009	3.5005	2.7297
Tm-166	3.6639	2.1340	5.6442	4.8326
Tm-167	1.3580	0.9389	1.2328	1.0476
Tm-168	4.2074	2.4936	5.8195	4.9360
Tm-170	0.0509	0.0391	0.0539	0.0698
Tm-171	0.0078	0.0054	0.0064	0.0088
Tm-172	0.7273	0.4402	1.2634	0.9906
Tm-173	1.6417	0.8022	2.5346	1.8867
Tm-174	6.1363	3.6831	9.7982	6.6529
Tm-175	2.7406	1.4389	4.8775	3.9288
Tm-176	4.2160	2.4856	6.6826	4.9780
U-227	1.0171	0.8518	1.3130	1.0380
U-228	0.0698	0.0674	0.1246	0.1186
U-230	0.0506	0.0547	0.1177	0.1165

Nuclide	avg400	ctr400	mid400	cnr400
U-231	1.1724	1.0712	1.7320	1.7795
U-232	0.0413	0.0478	0.1061	0.1081
U-233	0.0217	0.0252	0.0566	0.0586
U-234	0.7112	0.7113	0.7681	0.6790
U-235	1.3969	1.3959	1.3907	1.6498
U-235m	0.0000	0.0000	0.0000	0.0000
U-236	0.0329	0.0389	0.0870	0.0892
U-237	1.5200	1.1964	1.7642	1.5624
U-238	1.0688	1.0968	1.1505	1.3378
U-239	0.5103	0.3622	0.4475	0.4791
U-240	0.1499	0.1530	0.3103	0.3178
U-242	0.2368	0.1468	0.2828	0.2291
V-47	0.0105	0.0070	0.0201	0.0143
V-48	3.3712	1.8630	6.4507	5.7937
V-49	0.0189	0.0314	0.0924	0.1343
V-50	1.5616	0.9197	3.0625	1.9281
V-52	1.5778	0.8915	3.1424	2.1766
V-53	1.6543	0.9161	3.0304	2.8438
W-177	4.0716	2.5041	5.3920	4.5823
W-178	0.2116	0.1760	0.2830	0.4041
W-179	0.7109	0.5536	0.7164	1.0620
W-179m	0.5782	0.4320	0.5515	0.6465
W-181	0.4989	0.3626	0.4438	0.6279
W-185m	0.3427	0.3060	0.7043	0.8194
W-185	0.0006	0.0004	0.0006	0.0005
W-187	1.5169	0.8321	2.3192	1.9864
W-188	0.0124	0.0091	0.0176	0.0110
W-190	1.6044	1.0050	1.9002	1.3758
Xe-120	1.9040	1.3146	2.5853	2.5051
Xe-121	1.8744	1.2066	2.8736	2.2047
Xe-122	0.6162	0.4773	0.7788	0.8624
Xe-123	1.7463	1.0602	2.5489	1.6115
Xe-125	1.9979	1.5072	2.2351	1.7798
Xe-127	2.2088	1.5004	2.4903	1.6253
Xe-127m	1.7345	1.0082	2.0818	1.0472
Xe-129m	0.7395	0.6599	0.7241	1.1620
Xe-131m	0.3042	0.2719	0.3203	0.5087
Xe-133	0.5981	0.4716	0.4837	0.7077
Xe-133m	0.4358	0.3897	0.4482	0.5992
Xe-135	1.5151	1.3522	1.8166	1.2571

Nuclide	avg400	ctr400	mid400	cnr400
Xe-135m	1.3803	0.7111	2.5159	1.9515
Xe-137	0.5726	0.2817	1.0135	0.7357
Xe-138	1.9378	1.2376	3.1468	2.1191
Y-81	1.4173	0.8504	1.7995	1.0745
Y-83	0.9366	0.6069	1.6581	1.4201
Y-83m	1.3485	1.0076	2.0048	1.3475
Y-84m	5.2301	2.8593	9.4790	8.7112
Y-85	1.2163	0.6402	2.3362	1.7594
Y-85m	1.2207	0.7882	2.0595	1.5693
Y-86	5.2072	2.8858	9.4496	8.0550
Y-86m	1.4955	1.0616	1.4805	0.7132
Y-87	1.6367	0.9024	3.1516	2.3062
Y-87m	1.3146	0.6616	2.2202	1.4446
Y-88	3.1560	1.8672	5.8711	4.5601
Y-89m	1.6016	0.8812	2.8850	2.7673
Y-90	0.0000	0.0000	0.0001	0.0000
Y-90m	3.0169	1.7709	4.2020	2.5891
Y-91	0.0042	0.0023	0.0083	0.0075
Y-91m	1.5622	0.7885	2.8214	2.2322
Y-92	0.4279	0.2315	0.7847	0.6818
Y-93	0.2082	0.1465	0.3314	0.2272
Y-94	1.2591	0.6879	2.2845	2.0767
Y-95	0.9363	0.5268	1.7165	1.3257
Yb-162	1.9560	1.1387	2.3430	1.5000
Yb-163	1.3784	0.8435	1.8933	1.7354
Yb-164	0.5836	0.3780	0.4532	0.5641
Yb-165	1.6438	1.1125	1.7185	1.9621
Yb-166	1.0889	0.7232	0.7852	1.0234
Yb-167	2.8350	1.8665	2.7780	2.4389
Yb-169	3.2963	2.1263	3.0472	2.4666
Yb-175	0.2122	0.1232	0.3004	0.2068
Yb-177	0.6860	0.3712	1.0164	0.6438
Yb-178	0.1723	0.0871	0.2913	0.1874
Yb-179	2.9617	1.5245	4.9805	4.0125
Zn-60	1.6446	0.9316	2.5750	2.1873
Zn-61	0.7155	0.3849	1.3217	0.9380
Zn-62	1.2777	0.7899	2.3249	2.0260
Zn-63	0.2768	0.1545	0.4997	0.4694
Zn-65	0.8845	0.5544	1.8777	1.9061
Zn-69	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Zn-69m	1.5684	0.7605	2.6865	1.9538
Zn-71	0.8581	0.4340	1.5614	1.1952
Zn-71m	4.8945	2.4402	8.4650	6.3985
Zn-72	1.5186	0.8993	2.3628	1.2253
Zr-85	1.4646	0.7495	2.5524	1.8887
Zr-86	2.0535	1.8430	2.7502	2.0076
Zr-87	0.1468	0.0988	0.2934	0.2514
Zr-88	1.7840	0.9736	2.9685	2.1257
Zr-89	1.7553	1.0452	3.2278	3.0305
Zr-89m	1.5681	0.8152	2.7470	2.2698
Zr-93	0.0000	0.0000	0.0000	0.0000
Zr-95	1.5749	0.8448	2.7413	2.6112
Zr-97	1.8688	1.0090	3.2862	3.0118

APPENDIX D

Glass

Table 10: Glass Surface Contamination for 10x10x10 ft and 50x50x10 ft rooms

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ac-223	0.5685	0.3258	0.4926	0.5776	0.4627	0.3203	0.5332	0.6052
Ac-224	3.5769	2.3845	3.2131	3.6259	3.4919	2.8712	3.8389	4.0752
Ac-225	0.8106	0.4771	0.7066	0.8218	0.6733	0.4792	0.7692	0.8629
Ac-226	1.5207	1.0253	1.3713	1.5418	1.5127	1.2592	1.6568	1.7463
Ac-227	0.2357	0.1239	0.2004	0.2399	0.1727	0.1047	0.2053	0.2423
Ac-228	2.2860	1.4982	2.0500	2.3100	2.2909	1.8958	2.5072	2.6271
Ac-230	1.0442	0.6716	0.9320	1.0546	1.0295	0.8403	1.1304	1.1895
Ac-231	2.8772	2.0108	2.6188	2.9154	3.0225	2.6077	3.2719	3.3962
Ac-232	1.5551	1.0088	1.3917	1.5692	1.5747	1.3046	1.7203	1.7920
Ac-233	1.1022	0.7538	1.0002	1.1154	1.1982	1.0399	1.2936	1.3273
Ag-100m	1.7288	1.2411	1.5923	1.7410	2.0706	1.8887	2.1924	2.1623
Ag-101	1.7106	1.2391	1.5752	1.7278	1.9757	1.7905	2.0984	2.1024
Ag-102m	1.2180	0.8570	1.1144	1.2263	1.4199	1.2786	1.5084	1.5003
Ag-102	2.7474	1.9684	2.5276	2.7672	3.2548	2.9607	3.4489	3.4145
Ag-103	2.2838	1.6450	2.0971	2.3049	2.5602	2.3004	2.7317	2.7528
Ag-104	3.7489	2.6646	3.4394	3.7754	4.3501	3.9277	4.6202	4.6004
Ag-104m	1.5588	1.1089	1.4293	1.5699	1.8020	1.6265	1.9132	1.9096
Ag-105	2.5693	1.8225	2.3497	2.5906	2.8549	2.5483	3.0439	3.0843
Ag-105m	0.0896	0.0439	0.0751	0.0916	0.0618	0.0336	0.0753	0.0918
Ag-106	0.6085	0.4192	0.5520	0.6121	0.6573	0.5775	0.7028	0.7149
Ag-106m	4.5797	3.2709	4.2055	4.6153	5.3102	4.8014	5.6391	5.6245
Ag-108	0.0516	0.0360	0.0470	0.0519	0.0572	0.0508	0.0610	0.0616
Ag-108m	3.5928	2.5671	3.2978	3.6221	4.1261	3.7216	4.3881	4.3923
Ag-109m	0.5958	0.3960	0.5351	0.5992	0.6106	0.5205	0.6577	0.6821
Ag-110	0.0453	0.0327	0.0418	0.0457	0.0537	0.0490	0.0570	0.0565
Ag-110m	2.9623	2.1351	2.7321	2.9842	3.5589	3.2518	3.7677	3.7137
Ag-111	0.0861	0.0643	0.0800	0.0872	0.1012	0.0928	0.1074	0.1079
Ag-111m	0.3576	0.2291	0.3183	0.3603	0.3512	0.2895	0.3827	0.4038
Ag-112	0.6764	0.4887	0.6239	0.6815	0.8124	0.7429	0.8596	0.8486
Ag-113m	0.7173	0.5121	0.6578	0.7257	0.8030	0.7158	0.8601	0.8749
Ag-113	0.1897	0.1411	0.1760	0.1920	0.2230	0.2043	0.2367	0.2374
Ag-114	0.2844	0.2065	0.2626	0.2868	0.3407	0.3119	0.3605	0.3566
Ag-115	0.6815	0.5025	0.6310	0.6893	0.8050	0.7370	0.8534	0.8499
Ag-116	1.6794	1.2110	1.5476	1.6920	2.0159	1.8432	2.1320	2.1038
Ag-117	1.3784	1.0112	1.2746	1.3917	1.6282	1.4894	1.7288	1.7157

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ag-99	1.9369	1.4097	1.7879	1.9566	2.2801	2.0780	2.4184	2.4077
Al-26	0.9179	0.6488	0.8424	0.9228	1.1137	1.0151	1.1774	1.1528
Al-28	0.8914	0.6309	0.8185	0.8960	1.0837	0.9888	1.1454	1.1205
Al-29	0.9265	0.6582	0.8506	0.9318	1.1230	1.0271	1.1848	1.1641
Am-237	3.7706	2.5196	3.3901	3.8164	3.7336	3.0990	4.0891	4.3157
Am-238	3.5143	2.3381	3.1587	3.5510	3.5290	2.9434	3.8535	4.0363
Am-239	5.0181	3.2653	4.4794	5.0799	4.7690	3.8451	5.2683	5.6359
Am-240	4.0881	2.6627	3.6555	4.1301	4.0119	3.2871	4.4023	4.6432
Am-241	1.0914	0.8271	1.0141	1.1066	1.2827	1.1844	1.3518	1.3296
Am-242	0.9649	0.5961	0.8506	0.9756	0.8630	0.6623	0.9657	1.0511
Am-242m	0.7925	0.4605	0.6890	0.8021	0.6601	0.4720	0.7527	0.8404
Am-243	1.4170	0.9698	1.2800	1.4338	1.4406	1.2246	1.5633	1.6329
Am-244	3.8954	2.4840	3.4667	3.9362	3.7465	3.0226	4.1338	4.3842
Am-244m	0.3898	0.2345	0.3417	0.3940	0.3413	0.2563	0.3840	0.4205
Am-245	0.4957	0.3295	0.4451	0.5019	0.4867	0.4021	0.5344	0.5650
Am-246	5.4789	3.5203	4.8831	5.5405	5.2648	4.2580	5.8082	6.1693
Am-246m	1.7709	1.1775	1.5951	1.7867	1.8611	1.5834	2.0171	2.0763
Am-247	1.6884	1.1422	1.5229	1.7092	1.6954	1.4236	1.8527	1.9451
Ar-37	0.1058	0.0501	0.0881	0.1083	0.0697	0.0348	0.0864	0.1071
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	0.9112	0.6475	0.8367	0.9164	1.1040	1.0098	1.1649	1.1449
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	1.1116	0.7952	1.0230	1.1188	1.3426	1.2267	1.4191	1.3949
Ar-44	1.8183	1.3348	1.6831	1.8366	2.1691	1.9879	2.2979	2.2732
As-68	2.1932	1.5660	2.0174	2.2080	2.6343	2.4004	2.7876	2.7465
As-69	0.5271	0.3435	0.4717	0.5357	0.5246	0.4309	0.5782	0.6131
As-70	3.0154	2.1205	2.7614	3.0390	3.5382	3.1847	3.7615	3.7399
As-71	2.6187	1.5787	2.2989	2.6688	2.3290	1.7457	2.6416	2.9205
As-72	1.1347	0.7566	1.0248	1.1470	1.2312	1.0578	1.3335	1.3629
As-73	3.9091	1.8934	3.2690	3.9978	2.6442	1.3918	3.2442	3.9802
As-74	1.3398	0.8132	1.1795	1.3606	1.2558	0.9739	1.4058	1.5234
As-76	0.5670	0.4127	0.5237	0.5719	0.6775	0.6200	0.7171	0.7105
As-77	0.0346	0.0254	0.0319	0.0351	0.0391	0.0352	0.0418	0.0424
As-78	1.2689	0.9152	1.1698	1.2784	1.5242	1.3935	1.6128	1.5916
As-79	0.0587	0.0431	0.0544	0.0593	0.0698	0.0640	0.0741	0.0736
At-204	5.0299	3.4862	4.5768	5.0876	5.4698	4.7694	5.8949	6.0331
At-205	3.2102	2.1334	2.8848	3.2503	3.2402	2.7001	3.5422	3.7166
At-206	5.1967	3.6141	4.7324	5.2566	5.6692	4.9552	6.1047	6.2392
At-207	4.5773	3.0809	4.1297	4.6312	4.7545	4.0295	5.1682	5.3671
At-208	6.5488	4.4835	5.9383	6.6240	6.9889	6.0217	7.5584	7.7748

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
At-209	6.3809	4.3140	5.7644	6.4579	6.6403	5.6397	7.2166	7.4890
At-210	5.4811	3.6827	4.9441	5.5464	5.7128	4.8456	6.2037	6.4371
At-211	1.0992	0.6920	0.9724	1.1153	0.9972	0.7718	1.1146	1.2155
At-215	0.0006	0.0004	0.0005	0.0006	0.0006	0.0006	0.0007	0.0007
At-216	0.0498	0.0324	0.0444	0.0505	0.0472	0.0379	0.0522	0.0562
At-217	0.0015	0.0011	0.0014	0.0016	0.0016	0.0014	0.0017	0.0018
At-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-220	1.7835	1.2892	1.6401	1.8090	1.9877	1.7717	2.1296	2.1709
Au-186	3.2257	2.2079	2.9232	3.2718	3.3979	2.9138	3.6861	3.8298
Au-187	3.3900	2.1266	3.0032	3.4416	3.2161	2.5476	3.5726	3.8521
Au-190	3.7734	2.5564	3.4106	3.8226	3.9866	3.4114	4.3223	4.4864
Au-191	4.0327	2.5949	3.5941	4.0962	3.9005	3.1504	4.3124	4.6233
Au-192	3.6236	2.4315	3.2669	3.6708	3.7809	3.2087	4.1103	4.2855
Au-193	2.9864	1.8785	2.6444	3.0361	2.7725	2.1748	3.0914	3.3656
Au-193m	2.2134	1.3599	1.9505	2.2531	1.9975	1.5222	2.2478	2.4731
Au-194	3.1454	2.0818	2.8246	3.1896	3.1928	2.6654	3.4910	3.6790
Au-195	3.1605	1.8710	2.7576	3.2159	2.7146	1.9823	3.0876	3.4586
Au-195m	2.2379	1.3760	1.9725	2.2776	2.0210	1.5412	2.2736	2.5005
Au-196	2.9636	1.9725	2.6642	3.0080	2.9934	2.4990	3.2768	3.4643
Au-196m	5.3902	3.2553	4.7288	5.4851	4.7279	3.5208	5.3589	5.9448
Au-198	0.9999	0.7305	0.9234	1.0126	1.1627	1.0572	1.2387	1.2429
Au-198m	6.1681	4.0882	5.5344	6.2694	6.0771	5.0014	6.6841	7.1236
Au-199	1.2828	0.8522	1.1526	1.3039	1.2601	1.0351	1.3897	1.4763
Au-200	0.3698	0.2664	0.3403	0.3735	0.4326	0.3923	0.4598	0.4599
Au-200m	5.3691	3.8362	4.9265	5.4390	6.0194	5.3575	6.4531	6.5535
Au-201	0.2365	0.1391	0.2063	0.2405	0.2056	0.1506	0.2339	0.2603
Au-202	0.2292	0.1652	0.2111	0.2314	0.2700	0.2454	0.2866	0.2854
Ba-124	1.8689	1.2915	1.6982	1.8840	2.0427	1.8037	2.1837	2.2183
Ba-126	2.1622	1.5074	1.9699	2.1802	2.4003	2.1345	2.5599	2.5902
Ba-127	1.1139	0.7661	1.0103	1.1224	1.2047	1.0595	1.2895	1.3134
Ba-128	1.2543	0.8397	1.1298	1.2621	1.3276	1.1528	1.4233	1.4583
Ba-129	1.3001	0.8775	1.1736	1.3099	1.3815	1.2013	1.4833	1.5195
Ba-129m	3.9109	2.7314	3.5672	3.9486	4.3556	3.8648	4.6588	4.7155
Ba-131	2.7651	1.9421	2.5231	2.7892	3.0598	2.7250	3.2686	3.3096
Ba-131m	1.5401	1.0521	1.3919	1.5565	1.6086	1.3870	1.7388	1.8004
Ba-133	3.2043	2.2335	2.9157	3.2319	3.5089	3.1089	3.7493	3.8155
Ba-133m	1.2991	0.8140	1.1506	1.3133	1.2553	1.0170	1.3804	1.4677
Ba-135m	0.9736	0.6491	0.8758	0.9810	1.0229	0.8831	1.1004	1.1314
Ba-137m	0.9233	0.6629	0.8497	0.9305	1.0884	0.9892	1.1546	1.1465

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ba-139	0.3594	0.2674	0.3331	0.3642	0.4101	0.3730	0.4375	0.4392
Ba-140	1.0311	0.6419	0.9126	1.0455	0.9820	0.7803	1.0900	1.1710
Ba-141	2.0384	1.5051	1.8874	2.0623	2.3886	2.1836	2.5348	2.5355
Ba-142	1.8483	1.3311	1.6999	1.8662	2.1480	1.9480	2.2801	2.2782
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.0975	0.0718	0.0903	0.0985	0.1159	0.1064	0.1228	0.1221
Bi-197	3.6137	2.3680	3.2379	3.6588	3.6431	3.0186	3.9872	4.1885
Bi-200	6.1806	4.2589	5.6119	6.2588	6.6265	5.7358	7.1585	7.3730
Bi-201	3.6165	2.3843	3.2456	3.6606	3.6794	3.0684	4.0184	4.2057
Bi-202	5.5872	3.8360	5.0708	5.6519	6.0289	5.2248	6.5070	6.6772
Bi-203	4.1936	2.7948	3.7756	4.2429	4.3554	3.6783	4.7384	4.9212
Bi-204	5.7729	3.9268	5.2267	5.8397	6.1651	5.3036	6.6686	6.8655
Bi-205	3.4471	2.2526	3.0867	3.4899	3.4717	2.8721	3.8015	3.9942
Bi-206	6.6242	4.5179	6.0024	6.7009	7.0859	6.1050	7.6639	7.8826
Bi-207	3.6982	2.4639	3.3281	3.7426	3.8202	3.2188	4.1578	4.3328
Bi-208	2.3818	1.5092	2.1159	2.4106	2.3414	1.8934	2.5786	2.7282
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.2252	0.8727	1.1218	1.2435	1.3391	1.1792	1.4410	1.4825
Bi-211	0.1933	0.1363	0.1765	0.1959	0.2106	0.1849	0.2269	0.2336
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	0.4001	0.2302	0.3476	0.4063	0.3411	0.2440	0.3897	0.4354
Bi-213	0.3666	0.2601	0.3356	0.3712	0.4071	0.3608	0.4370	0.4447
Bi-214	1.2594	0.9004	1.1582	1.2685	1.5030	1.3676	1.5920	1.5733
Bi-215	0.9825	0.6832	0.8935	0.9955	1.0443	0.9032	1.1293	1.1688
Bi-216	1.4758	1.0700	1.3604	1.4914	1.7185	1.5583	1.8279	1.8296
Bk-245	3.8644	2.5908	3.4766	3.9114	3.8249	3.1827	4.1919	4.4174
Bk-246	3.9460	2.5670	3.5279	3.9881	3.8676	3.1698	4.2509	4.4830
Bk-247	1.6094	1.1398	1.4678	1.6298	1.7046	1.4864	1.8390	1.8984
Bk-248m	0.9878	0.6363	0.8800	0.9989	0.9374	0.7549	1.0361	1.1056
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	1.4376	0.9628	1.2978	1.4492	1.5449	1.3302	1.6657	1.7015
Bk-251	2.2089	1.4398	1.9740	2.2355	2.1177	1.7216	2.3398	2.4875
Br-72	1.9270	1.3516	1.7633	1.9431	2.2341	2.0009	2.3811	2.3760
Br-73	1.3992	0.9744	1.2741	1.4162	1.5134	1.3203	1.6308	1.6758
Br-74	2.1789	1.5276	1.9918	2.1966	2.5255	2.2613	2.6896	2.6850
Br-74m	2.6596	1.8717	2.4349	2.6811	3.0939	2.7767	3.2945	3.2856
Br-75	1.8148	1.2486	1.6474	1.8414	1.9122	1.6393	2.0768	2.1614
Br-76	2.4662	1.6220	2.2160	2.4927	2.5881	2.1829	2.8143	2.9129
Br-76m	2.8215	1.6598	2.4583	2.8604	2.3567	1.6779	2.6778	3.0053
Br-77	2.4839	1.4615	2.1676	2.5251	2.1252	1.5354	2.4227	2.7089

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Br-77m	1.4013	0.8032	1.2139	1.4216	1.1103	0.7475	1.2838	1.4688
Br-78	0.2560	0.1593	0.2267	0.2594	0.2436	0.1920	0.2708	0.2908
Br-80	0.1804	0.1095	0.1588	0.1829	0.1653	0.1263	0.1854	0.2018
Br-80m	2.7380	1.5699	2.3723	2.7730	2.2106	1.5207	2.5372	2.8764
Br-82m	1.2931	0.7082	1.1093	1.3123	0.9643	0.6013	1.1335	1.3249
Br-82	3.0214	2.1853	2.7885	3.0453	3.6241	3.3133	3.8373	3.7874
Br-83	0.0124	0.0090	0.0114	0.0125	0.0145	0.0132	0.0154	0.0154
Br-84m	2.8016	2.0253	2.5853	2.8251	3.3625	3.0764	3.5607	3.5146
Br-84	1.0033	0.7161	0.9229	1.0095	1.2134	1.1080	1.2830	1.2588
Br-85	0.0668	0.0481	0.0616	0.0673	0.0803	0.0734	0.0851	0.0837
C-10	0.9037	0.6546	0.8346	0.9109	1.0842	0.9913	1.1491	1.1333
C-11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-41	0.1890	0.0895	0.1573	0.1934	0.1244	0.0622	0.1542	0.1912
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	0.8047	0.5740	0.7397	0.8097	0.9731	0.8902	1.0275	1.0107
Ca-49	0.8630	0.6074	0.7906	0.8663	1.0526	0.9611	1.1100	1.0829
Cd-101	2.4133	1.7323	2.2151	2.4307	2.7776	2.5114	2.9449	2.9462
Cd-102	2.2763	1.6114	2.0820	2.2932	2.5537	2.2854	2.7178	2.7413
Cd-103	2.1590	1.5022	1.9676	2.1706	2.4401	2.1776	2.5946	2.6019
Cd-104	2.2843	1.6022	2.0801	2.2990	2.4888	2.2063	2.6522	2.6955
Cd-105	1.5708	1.0903	1.4301	1.5793	1.7599	1.5658	1.8726	1.8843
Cd-107	1.7197	1.1532	1.5483	1.7275	1.7866	1.5383	1.9165	1.9754
Cd-109	1.6176	1.0813	1.4552	1.6250	1.6747	1.4386	1.7979	1.8554
Cd-111m	1.9671	1.4370	1.8140	1.9918	2.2197	2.0027	2.3648	2.3920
Cd-113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0011	0.0007	0.0010	0.0011	0.0011	0.0010	0.0012	0.0012
Cd-115	0.4117	0.2996	0.3799	0.4155	0.4830	0.4404	0.5117	0.5106
Cd-115m	0.0313	0.0225	0.0288	0.0315	0.0377	0.0345	0.0399	0.0393
Cd-117	1.3698	0.9973	1.2647	1.3827	1.6233	1.4834	1.7193	1.7098
Cd-117m	1.4902	1.0675	1.3712	1.5001	1.7975	1.6423	1.8998	1.8694
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	1.6155	1.1758	1.4918	1.6300	1.9247	1.7603	2.0387	2.0219
Cd-119m	1.7818	1.2774	1.6397	1.7939	2.1429	1.9573	2.2654	2.2318
Ce-130	2.7599	1.9315	2.5147	2.7857	3.0279	2.6846	3.2433	3.2929
Ce-131	2.8586	1.9833	2.6019	2.8873	3.1505	2.7785	3.3790	3.4343
Ce-132	2.5557	1.8149	2.3378	2.5834	2.8213	2.5146	3.0163	3.0618
Ce-133	2.5390	1.7510	2.3002	2.5587	2.7317	2.4020	2.9219	2.9858
Ce-133m	3.8799	2.7277	3.5431	3.9121	4.3782	3.9185	4.6643	4.6942
Ce-134	1.1085	0.7245	0.9915	1.1154	1.1441	0.9776	1.2330	1.2730

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ce-135	2.8987	2.0381	2.6466	2.9258	3.2414	2.8910	3.4591	3.4994
Ce-137	1.4375	0.8876	1.2679	1.4514	1.3760	1.1082	1.5138	1.6119
Ce-137m	0.9706	0.6418	0.8706	0.9787	1.0070	0.8620	1.0864	1.1243
Ce-139	2.1765	1.5234	1.9831	2.1992	2.3617	2.0842	2.5341	2.5814
Ce-141	0.8300	0.6104	0.7664	0.8404	0.9344	0.8450	1.0003	1.0073
Ce-143	1.6636	1.1613	1.5139	1.6795	1.8303	1.6221	1.9548	1.9921
Ce-144	0.2798	0.2001	0.2562	0.2829	0.3075	0.2743	0.3300	0.3350
Ce-145	2.5169	1.7458	2.2889	2.5376	2.7939	2.4785	2.9829	3.0215
Cf-244	0.2732	0.1620	0.2387	0.2762	0.2339	0.1723	0.2645	0.2919
Cf-246	0.1872	0.1111	0.1635	0.1893	0.1605	0.1183	0.1814	0.2001
Cf-247	3.4766	2.1883	3.0794	3.5181	3.1973	2.5111	3.5628	3.8444
Cf-248	0.2237	0.1328	0.1955	0.2262	0.1920	0.1416	0.2169	0.2392
Cf-249	1.5601	1.0654	1.4130	1.5790	1.6320	1.3989	1.7711	1.8364
Cf-250	0.1812	0.1090	0.1588	0.1832	0.1589	0.1194	0.1787	0.1956
Cf-251	2.4137	1.5915	2.1628	2.4432	2.3441	1.9224	2.5796	2.7347
Cf-252	0.6493	0.4507	0.5913	0.6555	0.7162	0.6296	0.7687	0.7801
Cf-253	0.5959	0.3493	0.5192	0.6029	0.5093	0.3738	0.5769	0.6383
Cf-254	17.6154	12.8550	16.2735	17.7745	20.9687	19.1935	22.2004	21.9942
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0001	0.0000	0.0001	0.0001	0.0000	0.0000	0.0001	0.0001
Cl-34m	1.1129	0.8162	1.0290	1.1233	1.3257	1.2145	1.4069	1.3885
Cl-36	0.0015	0.0007	0.0012	0.0015	0.0010	0.0005	0.0012	0.0015
Cl-38	0.6587	0.4659	0.6044	0.6620	0.8013	0.7311	0.8466	0.8277
Cl-39	1.3888	1.0091	1.2822	1.4022	1.6641	1.5238	1.7601	1.7421
Cl-40	1.7410	1.2344	1.5985	1.7501	2.1140	1.9305	2.2322	2.1859
Cm-238	1.9613	1.3034	1.7596	1.9841	1.9078	1.5696	2.0963	2.2211
Cm-239	3.5862	2.4718	3.2507	3.6320	3.6652	3.1189	3.9897	4.1620
Cm-240	0.3174	0.1874	0.2769	0.3209	0.2675	0.1942	0.3036	0.3367
Cm-241	4.6484	3.0143	4.1496	4.7040	4.4677	3.6203	4.9299	5.2480
Cm-242	0.2850	0.1683	0.2487	0.2881	0.2402	0.1744	0.2726	0.3023
Cm-243	2.5722	1.6426	2.2861	2.6059	2.3989	1.9012	2.6643	2.8719
Cm-244	0.2448	0.1445	0.2136	0.2474	0.2062	0.1497	0.2340	0.2596
Cm-245	2.6592	1.7399	2.3768	2.6909	2.5358	2.0527	2.7981	2.9863
Cm-246	0.1988	0.1179	0.1737	0.2010	0.1689	0.1235	0.1913	0.2116
Cm-247	0.8626	0.6326	0.7971	0.8735	1.0003	0.9099	1.0656	1.0700
Cm-248	1.5563	1.1102	1.4284	1.5707	1.7889	1.6082	1.9057	1.9087
Cm-249	0.3615	0.1820	0.3048	0.3693	0.2592	0.1498	0.3126	0.3750
Cm-250	13.9307	10.1603	12.8673	14.0567	16.5697	15.1607	17.5454	17.3868
Cm-251	0.4421	0.3008	0.4000	0.4470	0.4614	0.3945	0.5008	0.5185
Co-54m	2.7712	1.9974	2.5540	2.7937	3.3287	3.0458	3.5214	3.4775

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Co-55	1.3935	0.9582	1.2683	1.4067	1.5776	1.3925	1.6902	1.7033
Co-56	2.9087	1.9297	2.6223	2.9372	3.1820	2.7412	3.4366	3.5023
Co-57	2.7444	1.6752	2.4143	2.7937	2.4343	1.8353	2.7655	3.0488
Co-58	1.5498	0.9588	1.3728	1.5717	1.5150	1.2096	1.6821	1.7879
Co-58m	0.7572	0.3586	0.6304	0.7748	0.4987	0.2496	0.6180	0.7661
Co-60	1.8509	1.3166	1.7004	1.8617	2.2410	2.0488	2.3651	2.3247
Co-60m	0.8555	0.4116	0.7145	0.8751	0.5754	0.2995	0.7078	0.8707
Co-61	1.0522	0.7641	0.9662	1.0654	1.1682	1.0481	1.2446	1.2710
Co-62	1.0722	0.7627	0.9847	1.0784	1.2985	1.1866	1.3704	1.3462
Co-62m	1.9060	1.3566	1.7510	1.9172	2.3077	2.1088	2.4358	2.3934
Cr-48	2.6320	1.8811	2.4095	2.6698	2.8578	2.5153	3.0849	3.1794
Cr-49	1.1934	0.9008	1.1071	1.2093	1.3620	1.2443	1.4477	1.4606
Cr-51	0.5309	0.2795	0.4519	0.5421	0.4027	0.2518	0.4776	0.5623
Cr-55	0.0004	0.0003	0.0004	0.0004	0.0005	0.0004	0.0005	0.0005
Cr-56	1.9948	1.3810	1.8079	2.0168	2.0977	1.8199	2.2580	2.3388
Cs-121	0.9082	0.6619	0.8375	0.9180	1.0407	0.9437	1.1070	1.1109
Cs-121m	1.7010	1.2369	1.5675	1.7203	1.9412	1.7567	2.0653	2.0786
Cs-123	1.4600	1.0365	1.3352	1.4711	1.6389	1.4704	1.7418	1.7577
Cs-124	0.4502	0.3247	0.4143	0.4544	0.5218	0.4733	0.5542	0.5554
Cs-125	1.2823	0.8932	1.1680	1.2908	1.4263	1.2704	1.5191	1.5342
Cs-126	0.7777	0.5573	0.7144	0.7850	0.8954	0.8102	0.9519	0.9542
Cs-127	2.0509	1.4357	1.8705	2.0669	2.2792	2.0328	2.4304	2.4574
Cs-128	0.6517	0.4547	0.5941	0.6564	0.7287	0.6503	0.7760	0.7830
Cs-129	2.1362	1.4674	1.9380	2.1498	2.3315	2.0598	2.4875	2.5278
Cs-130m	2.0023	1.3393	1.8009	2.0203	2.0789	1.7841	2.2421	2.3184
Cs-130	0.6448	0.4310	0.5808	0.6476	0.6862	0.5976	0.7334	0.7491
Cs-131	1.0559	0.6992	0.9485	1.0602	1.1089	0.9594	1.1871	1.2171
Cs-132	1.9864	1.3761	1.8084	1.9983	2.2256	1.9820	2.3693	2.3851
Cs-134	2.0348	1.4761	1.8795	2.0515	2.4370	2.2285	2.5821	2.5502
Cs-134m	0.9833	0.5950	0.8636	0.9963	0.8987	0.6955	1.0053	1.0920
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	1.8198	1.3090	1.6787	1.8335	2.1809	1.9898	2.3129	2.2766
Cs-136	2.9301	2.1245	2.7034	2.9560	3.4731	3.1688	3.6815	3.6515
Cs-137	1.1242	0.8154	1.0417	1.1292	1.3451	1.2348	1.4356	1.3894
Cs-138m	1.2677	0.8692	1.1500	1.2786	1.3818	1.2138	1.4805	1.5073
Cs-138	1.8339	1.3165	1.6888	1.8471	2.2066	2.0168	2.3334	2.2991
Cs-139	0.1852	0.1320	0.1702	0.1863	0.2241	0.2048	0.2367	0.2325
Cs-140	1.2289	0.8822	1.1314	1.2372	1.4812	1.3537	1.5660	1.5417
Cu-57	0.0965	0.0685	0.0886	0.0971	0.1159	0.1055	0.1225	0.1207
Cu-59	0.4829	0.3450	0.4439	0.4872	0.5693	0.5160	0.6047	0.6017

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Cu-60	1.8923	1.3269	1.7321	1.9048	2.2473	2.0310	2.3842	2.3568
Cu-61	0.7710	0.4617	0.6760	0.7844	0.6997	0.5302	0.7893	0.8673
Cu-62	0.0283	0.0147	0.0240	0.0288	0.0216	0.0135	0.0256	0.0299
Cu-64	0.4575	0.2176	0.3813	0.4681	0.3036	0.1540	0.3753	0.4639
Cu-66	0.0907	0.0648	0.0835	0.0913	0.1095	0.1000	0.1156	0.1138
Cu-67	1.0641	0.7540	0.9717	1.0813	1.1344	0.9884	1.2271	1.2709
Cu-69	0.5419	0.3897	0.4994	0.5458	0.6520	0.5957	0.6895	0.6794
Dy-148	2.1370	1.4543	1.9326	2.1620	2.3071	2.0018	2.4781	2.5469
Dy-149	3.3431	2.2855	3.0265	3.3815	3.6302	3.1614	3.8945	3.9906
Dy-150	1.4205	0.9749	1.2868	1.4399	1.5262	1.3266	1.6420	1.6933
Dy-151	3.2283	2.1669	2.9109	3.2690	3.4300	2.9405	3.7048	3.8290
Dy-152	2.2660	1.5712	2.0573	2.3008	2.4255	2.1084	2.6091	2.6999
Dy-153	4.2952	2.9152	3.8767	4.3529	4.5347	3.8995	4.8865	5.0677
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	2.8060	1.9392	2.5463	2.8448	3.0241	2.6345	3.2478	3.3458
Dy-157	2.3256	1.6005	2.1073	2.3567	2.4872	2.1582	2.6757	2.7711
Dy-159	1.5410	0.9916	1.3702	1.5631	1.5233	1.2531	1.6589	1.7622
Dy-165m	0.5975	0.3258	0.5119	0.6095	0.4737	0.3144	0.5522	0.6382
Dy-165	0.2355	0.1590	0.2121	0.2390	0.2440	0.2074	0.2637	0.2758
Dy-166	1.2848	0.8055	1.1355	1.3067	1.2140	0.9627	1.3410	1.4507
Dy-167	1.7582	1.2465	1.6084	1.7824	1.9566	1.7340	2.0951	2.1379
Dy-168	1.8442	1.2721	1.6738	1.8713	1.9737	1.7102	2.1288	2.1994
Er-154	2.0038	1.2495	1.7703	2.0325	1.9057	1.5197	2.0956	2.2569
Er-156	2.8272	1.6615	2.4626	2.8757	2.4892	1.8511	2.8040	3.1098
Er-159	2.6659	1.8074	2.4087	2.7022	2.8418	2.4448	3.0631	3.1662
Er-161	2.9052	1.9373	2.6143	2.9455	3.0448	2.5870	3.2951	3.4242
Er-163	1.3256	0.8456	1.1764	1.3475	1.2897	1.0455	1.4103	1.5097
Er-165	1.2925	0.8214	1.1460	1.3140	1.2515	1.0107	1.3704	1.4696
Er-167m	1.0005	0.6654	0.8990	1.0184	1.0058	0.8369	1.0999	1.1658
Er-169	0.0218	0.0103	0.0182	0.0223	0.0144	0.0072	0.0178	0.0221
Er-171	2.3600	1.6441	2.1462	2.3961	2.5217	2.1876	2.7225	2.8241
Er-172	2.1619	1.4658	1.9531	2.1943	2.2857	1.9585	2.4693	2.5643
Er-173	3.5173	2.4725	3.2084	3.5701	3.8153	3.3398	4.1067	4.2206
Es-249	3.1400	2.1218	2.8334	3.1764	3.1902	2.6962	3.4818	3.6332
Es-250	10.2647	6.6461	9.1634	10.3789	9.9368	8.0999	10.9486	11.6011
Es-250m	2.8364	1.8930	2.5516	2.8669	2.8564	2.3953	3.1214	3.2615
Es-251	3.0014	1.9185	2.6690	3.0370	2.8098	2.2419	3.1197	3.3429
Es-253	0.0740	0.0434	0.0644	0.0748	0.0628	0.0458	0.0712	0.0790
Es-254	2.7595	1.5747	2.3893	2.7962	2.2611	1.5860	2.5937	2.9197
Es-254m	1.4991	0.9849	1.3454	1.5132	1.5323	1.2866	1.6689	1.7357

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Es-255	0.0007	0.0005	0.0007	0.0007	0.0009	0.0008	0.0009	0.0009
Es-256	0.3461	0.2082	0.3034	0.3496	0.3068	0.2333	0.3437	0.3750
Eu-142	0.2682	0.1866	0.2446	0.2703	0.3072	0.2744	0.3274	0.3277
Eu-142m	3.5299	2.4579	3.2222	3.5627	4.0268	3.5801	4.3044	4.3270
Eu-143	0.5783	0.3929	0.5228	0.5831	0.6335	0.5549	0.6783	0.6908
Eu-144	0.2560	0.1730	0.2312	0.2580	0.2811	0.2460	0.3011	0.3060
Eu-145	2.2461	1.5358	2.0352	2.2651	2.4822	2.1829	2.6563	2.6963
Eu-146	3.5934	2.5176	3.2813	3.6234	4.1074	3.6739	4.3766	4.3926
Eu-147	2.4754	1.7043	2.2429	2.5017	2.6653	2.3301	2.8631	2.9391
Eu-148	4.1675	2.9442	3.8125	4.2051	4.7685	4.2773	5.0776	5.1040
Eu-149	1.5079	0.9492	1.3342	1.5260	1.4592	1.1839	1.6021	1.7114
Eu-150	3.9895	2.8369	3.6535	4.0308	4.5303	4.0626	4.8307	4.8818
Eu-150m	0.2013	0.1381	0.1823	0.2034	0.2175	0.1902	0.2335	0.2399
Eu-152	2.7392	1.9116	2.4946	2.7666	3.0437	2.6967	3.2578	3.3072
Eu-152m	0.7740	0.5327	0.7022	0.7813	0.8492	0.7463	0.9105	0.9271
Eu-152n	1.7815	1.1457	1.5833	1.8095	1.7010	1.3692	1.8809	2.0258
Eu-154	2.1369	1.5158	1.9568	2.1593	2.4292	2.1733	2.5959	2.6121
Eu-154m	2.2304	1.3734	1.9634	2.2650	2.0511	1.5957	2.2881	2.4980
Eu-155	1.0814	0.7585	0.9823	1.0958	1.1469	0.9992	1.2344	1.2787
Eu-156	1.2639	0.8781	1.1516	1.2751	1.4412	1.2820	1.5376	1.5450
Eu-157	2.0972	1.3834	1.8796	2.1263	2.1367	1.7935	2.3244	2.4445
Eu-158	1.7526	1.2023	1.5915	1.7698	1.9555	1.7188	2.0955	2.1223
Eu-159	2.2914	1.5562	2.0671	2.3199	2.4087	2.0729	2.5946	2.6914
F-17	0.0003	0.0002	0.0003	0.0003	0.0004	0.0003	0.0004	0.0004
F-18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-52	1.4808	1.0508	1.3552	1.5060	1.5828	1.3788	1.7174	1.7715
Fe-53	0.4417	0.3230	0.4079	0.4473	0.5132	0.4664	0.5470	0.5501
Fe-53m	2.6596	1.9055	2.4485	2.6774	3.2070	2.9300	3.3901	3.3369
Fe-55	0.6279	0.2973	0.5228	0.6426	0.4134	0.2067	0.5123	0.6353
Fe-59	0.9862	0.7051	0.9070	0.9926	1.1906	1.0886	1.2570	1.2374
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	1.3426	0.9709	1.2380	1.3532	1.6112	1.4739	1.7038	1.6837
Fe-62	0.9249	0.6795	0.8561	0.9340	1.1013	1.0100	1.1660	1.1585
Fm-251	2.5772	1.6600	2.2968	2.6106	2.4559	1.9811	2.7222	2.9061
Fm-252	0.1861	0.1116	0.1630	0.1880	0.1631	0.1228	0.1833	0.2006
Fm-253	2.6352	1.6407	2.3288	2.6660	2.4081	1.8815	2.6876	2.9041
Fm-254	0.1950	0.1179	0.1711	0.1970	0.1731	0.1318	0.1940	0.2114
Fm-255	2.1269	1.2456	1.8526	2.1519	1.8007	1.3110	2.0445	2.2681
Fm-256	13.1319	9.5791	12.1302	13.2504	15.6183	14.2908	16.5383	16.3883
Fm-257	2.8116	1.8253	2.5103	2.8450	2.6984	2.1927	2.9782	3.1668

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Fr-212	3.6481	2.4035	3.2708	3.6948	3.6220	2.9869	3.9712	4.1915
Fr-219	0.0145	0.0103	0.0133	0.0147	0.0158	0.0138	0.0170	0.0175
Fr-220	0.4376	0.2608	0.3824	0.4440	0.3701	0.2679	0.4212	0.4705
Fr-221	0.2421	0.1693	0.2204	0.2458	0.2535	0.2184	0.2747	0.2856
Fr-222	1.9085	1.2579	1.7110	1.9345	1.8483	1.5077	2.0355	2.1662
Fr-223	1.6400	1.0426	1.4553	1.6625	1.5286	1.2075	1.6891	1.8208
Fr-224	1.6707	1.1448	1.5146	1.6915	1.7443	1.4915	1.8942	1.9622
Fr-227	2.7427	1.8845	2.4833	2.7761	2.8286	2.4112	3.0699	3.1996
Ga-64	1.3662	0.9647	1.2528	1.3747	1.6353	1.4838	1.7317	1.7059
Ga-65	1.8268	1.1852	1.6310	1.8572	1.7726	1.4375	1.9645	2.1016
Ga-66	1.4893	0.9113	1.3145	1.5084	1.4630	1.1673	1.6192	1.7182
Ga-67	2.8386	1.6307	2.4608	2.8948	2.3702	1.6716	2.7295	3.0970
Ga-68	0.1876	0.0970	0.1592	0.1914	0.1422	0.0881	0.1688	0.1981
Ga-70	0.0160	0.0101	0.0142	0.0162	0.0157	0.0127	0.0174	0.0185
Ga-72	2.0350	1.4568	1.8734	2.0490	2.4492	2.2342	2.5932	2.5503
Ga-73	3.1856	1.8299	2.7646	3.2472	2.6988	1.9212	3.0980	3.4994
Ga-74	2.2535	1.6199	2.0751	2.2693	2.7141	2.4807	2.8699	2.8271
Gd-142	1.2753	0.8878	1.1603	1.2893	1.4082	1.2431	1.5069	1.5353
Gd-143m	3.2139	2.2592	2.9331	3.2501	3.5933	3.1920	3.8402	3.8986
Gd-144	0.9613	0.6459	0.8657	0.9711	1.0255	0.8856	1.1028	1.1363
Gd-145m	1.4323	0.9298	1.2826	1.4502	1.4737	1.2298	1.6108	1.6825
Gd-145	1.8775	1.2845	1.7026	1.8926	2.1112	1.8652	2.2537	2.2721
Gd-146	4.3646	3.0244	3.9572	4.4178	4.6378	4.0385	4.9949	5.1540
Gd-147	3.8222	2.6964	3.4917	3.8662	4.2812	3.8106	4.5730	4.6399
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	3.0841	2.1524	2.8058	3.1213	3.3514	2.9446	3.5987	3.6888
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	1.7960	1.1304	1.5893	1.8207	1.7245	1.3892	1.8987	2.0356
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	2.4617	1.6697	2.2169	2.4899	2.5641	2.2028	2.7624	2.8762
Gd-159	0.4443	0.3005	0.4006	0.4504	0.4665	0.4001	0.5030	0.5235
Gd-162	1.1859	0.8284	1.0816	1.2017	1.3090	1.1527	1.4093	1.4405
Ge-66	3.2746	1.9708	2.8719	3.3323	2.9541	2.2397	3.3297	3.6663
Ge-67	1.4149	1.0320	1.3055	1.4355	1.5928	1.4275	1.7089	1.7278
Ge-68	1.5413	0.7309	1.2836	1.5771	1.0160	0.5096	1.2585	1.5595
Ge-69	1.8878	1.0621	1.6325	1.9207	1.6164	1.1498	1.8529	2.0758
Ge-71	1.5633	0.7413	1.3019	1.5996	1.0305	0.5169	1.2765	1.5818
Ge-75	0.1426	0.1071	0.1326	0.1449	0.1662	0.1521	0.1766	0.1779
Ge-77	2.4199	1.7883	2.2414	2.4518	2.8307	2.5833	3.0072	3.0135
Ge-78	1.0514	0.7910	0.9779	1.0671	1.2326	1.1309	1.3086	1.3167

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	1.6969	1.1462	1.5308	1.7234	1.7550	1.4875	1.9060	2.0025
Hf-169	2.4833	1.6570	2.2340	2.5210	2.5620	2.1617	2.7835	2.9179
Hf-170	3.8582	2.4872	3.4390	3.9235	3.7623	3.0531	4.1448	4.4341
Hf-172	3.8583	2.3309	3.3832	3.9263	3.4684	2.6337	3.8902	4.2889
Hf-173	4.0366	2.7705	3.6559	4.1013	4.1980	3.5879	4.5644	4.7652
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	2.7256	1.8049	2.4460	2.7697	2.7596	2.3024	3.0103	3.1848
Hf-177m	13.4125	9.2835	12.1840	13.6245	14.2122	12.2603	15.3912	16.0104
Hf-178m	9.2949	6.4493	8.4508	9.4328	9.9618	8.6418	10.7652	11.1413
Hf-179m	6.0058	4.0297	5.4116	6.1037	6.1387	5.1632	6.7058	7.0546
Hf-180m	4.8897	3.3839	4.4421	4.9640	5.2144	4.5120	5.6361	5.8489
Hf-181	2.4301	1.6650	2.2029	2.4662	2.5596	2.1968	2.7830	2.8895
Hf-182	1.2959	0.9271	1.1879	1.3168	1.4239	1.2583	1.5309	1.5732
Hf-182m	4.5206	3.0298	4.0721	4.5907	4.6465	3.9164	5.0638	5.3167
Hf-183	1.9675	1.3807	1.7954	1.9917	2.1767	1.9211	2.3354	2.3789
Hf-184	3.9791	2.3203	3.4636	4.0552	3.4052	2.4620	3.8963	4.3726
Hg-190	3.9691	2.5271	3.5262	4.0352	3.7119	2.9339	4.1409	4.4828
Hg-191m	5.4083	3.5538	4.8484	5.4901	5.4264	4.4915	5.9529	6.2954
Hg-192	4.0002	2.5140	3.5421	4.0671	3.7060	2.8995	4.1377	4.5061
Hg-193	3.7893	2.3936	3.3620	3.8477	3.5950	2.8545	3.9924	4.3029
Hg-193m	3.2056	2.0971	2.8707	3.2507	3.2173	2.6613	3.5277	3.7249
Hg-194	0.8657	0.4306	0.7278	0.8835	0.5945	0.3233	0.7235	0.8795
Hg-195	2.9536	1.7625	2.5829	3.0037	2.5710	1.8989	2.9145	3.2440
Hg-195m	3.6466	2.0854	3.1589	3.7128	3.0083	2.0987	3.4645	3.9348
Hg-197	2.8051	1.6659	2.4490	2.8537	2.4101	1.7624	2.7404	3.0650
Hg-197m	2.5871	1.5391	2.2613	2.6327	2.2222	1.6230	2.5345	2.8307
Hg-199m	2.8123	1.7896	2.4986	2.8589	2.6296	2.0755	2.9321	3.1737
Hg-203	1.1952	0.8542	1.0952	1.2133	1.3088	1.1546	1.4078	1.4479
Hg-205	0.0444	0.0311	0.0404	0.0451	0.0468	0.0405	0.0507	0.0527
Hg-206	0.5966	0.4160	0.5430	0.6049	0.6364	0.5517	0.6882	0.7140
Hg-207	2.9413	2.0659	2.6891	2.9697	3.3526	2.9870	3.5817	3.6056
Ho-150	1.4903	1.0572	1.3675	1.5038	1.7353	1.5627	1.8467	1.8407
Ho-153	2.1910	1.5328	1.9956	2.2201	2.4018	2.1114	2.5745	2.6403
Ho-153m	2.6653	1.8513	2.4222	2.7029	2.8721	2.5025	3.0906	3.1845
Ho-154m	4.7042	3.3820	4.3232	4.7596	5.4003	4.8647	5.7529	5.7995
Ho-154	2.4753	1.7682	2.2709	2.5034	2.8293	2.5392	3.0155	3.0445
Ho-155	2.5429	1.6911	2.2836	2.5811	2.6036	2.1916	2.8290	2.9696
Ho-156	3.7611	2.6502	3.4350	3.8100	4.1757	3.6942	4.4758	4.5548
Ho-157	3.7633	2.5330	3.3896	3.8186	3.9081	3.3239	4.2279	4.4166

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ho-159	4.1545	2.8349	3.7541	4.2164	4.3401	3.7185	4.6946	4.8881
Ho-160	4.0254	2.7414	3.6439	4.0742	4.3589	3.7801	4.6886	4.8103
Ho-161	2.1805	1.3739	1.9308	2.2110	2.0957	1.6870	2.2991	2.4670
Ho-162	1.7549	1.1163	1.5566	1.7824	1.7046	1.3809	1.8680	1.9986
Ho-162m	3.0982	1.9805	2.7554	3.1472	3.0356	2.4672	3.3347	3.5572
Ho-163	0.0252	0.0119	0.0210	0.0258	0.0166	0.0083	0.0206	0.0255
Ho-164	1.0125	0.6397	0.8964	1.0288	0.9726	0.7815	1.0681	1.1480
Ho-164m	2.3482	1.3635	2.0392	2.3914	2.0296	1.4809	2.2978	2.5703
Ho-166	0.4429	0.2637	0.3868	0.4512	0.3911	0.2917	0.4412	0.4896
Ho-166m	4.1472	2.9096	3.7866	4.2029	4.5821	4.0339	4.9242	5.0221
Ho-167	1.5924	1.1259	1.4551	1.6153	1.7516	1.5446	1.8808	1.9318
Ho-168	1.6085	1.0931	1.4575	1.6281	1.7470	1.5123	1.8862	1.9306
Ho-168m	0.5785	0.3087	0.4933	0.5905	0.4475	0.2878	0.5246	0.6122
Ho-170	3.8220	2.6364	3.4727	3.8728	4.1675	3.6319	4.4852	4.5949
I-118m	4.0310	2.9138	3.7166	4.0630	4.7921	4.3733	5.0739	5.0300
I-118	1.3856	0.9992	1.2767	1.3962	1.6464	1.5017	1.7431	1.7279
I-119	1.7231	1.2441	1.5847	1.7419	1.9547	1.7635	2.0773	2.0984
I-120	1.8164	1.2909	1.6668	1.8282	2.1355	1.9366	2.2616	2.2449
I-120m	3.5510	2.5564	3.2700	3.5779	4.2084	3.8348	4.4556	4.4201
I-121	2.1689	1.5477	1.9878	2.1891	2.4220	2.1718	2.5746	2.6086
I-122	0.4491	0.3127	0.4094	0.4516	0.5043	0.4501	0.5359	0.5399
I-123	2.2668	1.6156	2.0772	2.2864	2.5091	2.2430	2.6751	2.7064
I-124	1.7224	1.2001	1.5710	1.7320	1.9491	1.7429	2.0702	2.0795
I-125	2.0795	1.3891	1.8728	2.0860	2.2001	1.9134	2.3465	2.4045
I-126	1.2755	0.8990	1.1665	1.2846	1.4440	1.2955	1.5351	1.5449
I-128	0.2096	0.1493	0.1922	0.2114	0.2392	0.2156	0.2541	0.2554
I-129	1.0831	0.7232	0.9747	1.0873	1.1488	1.0009	1.2269	1.2536
I-130m	0.5108	0.3307	0.4566	0.5155	0.5202	0.4358	0.5655	0.5909
I-130	3.0783	2.2417	2.8447	3.1054	3.6786	3.3669	3.8970	3.8576
I-131	1.2307	0.9110	1.1426	1.2383	1.4554	1.3415	1.5281	1.5161
I-132	2.7171	1.9671	2.5084	2.7388	3.2578	2.9786	3.4506	3.4061
I-132m	1.2808	0.8500	1.1522	1.2936	1.3348	1.1352	1.4467	1.4995
I-133	0.9746	0.7124	0.9011	0.9836	1.1621	1.0646	1.2303	1.2205
I-134m	2.1206	1.4958	1.9371	2.1390	2.3561	2.1041	2.5066	2.5423
I-134	2.8416	2.0508	2.6215	2.8636	3.4087	3.1146	3.6100	3.5589
I-135	1.2486	0.8940	1.1490	1.2570	1.5057	1.3763	1.5912	1.5667
In-103	2.2184	1.6157	2.0484	2.2393	2.6184	2.3894	2.7748	2.7560
In-105	2.1728	1.5811	2.0040	2.1932	2.5176	2.2879	2.6769	2.6724
In-106	3.4787	2.5043	3.2051	3.5049	4.1385	3.7716	4.3821	4.3370
In-106m	1.5897	1.1383	1.4623	1.6004	1.8949	1.7257	2.0058	1.9824

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
In-107	2.1880	1.5638	2.0076	2.2062	2.4957	2.2484	2.6501	2.6632
In-108	4.9214	3.5222	4.5244	4.9585	5.7730	5.2365	6.1186	6.0847
In-108m	1.9029	1.3435	1.7425	1.9141	2.2146	1.9986	2.3478	2.3363
In-109	2.4876	1.7775	2.2806	2.5096	2.7879	2.5004	2.9640	2.9976
In-109m	0.9159	0.6622	0.8446	0.9230	1.0872	0.9914	1.1517	1.1423
In-110	4.6524	3.3046	4.2692	4.6832	5.4216	4.8998	5.7507	5.7229
In-110m	1.4382	1.0195	1.3182	1.4475	1.6620	1.4984	1.7640	1.7613
In-111	3.3295	2.4234	3.0672	3.3675	3.7418	3.3716	3.9842	4.0293
In-111m	0.9349	0.6773	0.8619	0.9428	1.0967	0.9987	1.1620	1.1586
In-112	0.4308	0.2922	0.3894	0.4325	0.4596	0.4011	0.4906	0.5019
In-112m	0.9844	0.6753	0.8927	0.9892	1.0534	0.9232	1.1235	1.1496
In-113m	0.9901	0.7092	0.9090	0.9991	1.1254	1.0148	1.1966	1.2064
In-114	0.0073	0.0050	0.0066	0.0073	0.0079	0.0070	0.0085	0.0086
In-114m	0.8047	0.5537	0.7304	0.8103	0.8639	0.7564	0.9233	0.9464
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	0.9582	0.6787	0.8766	0.9652	1.0683	0.9550	1.1362	1.1543
In-116m	2.0223	1.4498	1.8612	2.0365	2.4370	2.2287	2.5757	2.5372
In-117	2.1192	1.5797	1.9679	2.1441	2.4804	2.2715	2.6352	2.6268
In-117m	0.6895	0.4967	0.6337	0.6956	0.7728	0.6945	0.8225	0.8329
In-118m	2.5332	1.8165	2.3318	2.5505	3.0533	2.7913	3.2259	3.1782
In-118	0.0620	0.0443	0.0570	0.0624	0.0749	0.0685	0.0791	0.0778
In-119	1.2284	0.8532	1.1211	1.2383	1.3908	1.2347	1.4872	1.4946
In-119m	0.2184	0.1441	0.1962	0.2201	0.2274	0.1936	0.2455	0.2546
In-121	1.0351	0.7461	0.9546	1.0430	1.2427	1.1349	1.3149	1.2965
In-121m	0.7781	0.5416	0.7081	0.7820	0.8527	0.7575	0.9030	0.9198
Ir-180	3.6049	2.4122	3.2486	3.6576	3.7126	3.1291	4.0554	4.2464
Ir-182	3.6255	2.4088	3.2599	3.6810	3.6769	3.0711	4.0295	4.2446
Ir-183	4.2989	2.7208	3.8170	4.3663	4.1263	3.3007	4.5722	4.9175
Ir-184	5.3690	3.5578	4.8253	5.4478	5.4829	4.5899	5.9952	6.2997
Ir-185	4.7603	2.8619	4.1729	4.8419	4.2590	3.2112	4.8026	5.3021
Ir-186	5.1655	3.4380	4.6478	5.2406	5.2895	4.4406	5.7816	6.0697
Ir-186m	3.0756	2.0131	2.7564	3.1187	3.1132	2.5851	3.4120	3.5912
Ir-187	3.2391	1.9585	2.8429	3.2946	2.9099	2.2058	3.2758	3.6130
Ir-188	3.8201	2.4968	3.4218	3.8725	3.8803	3.2257	4.2470	4.4633
Ir-189	2.6071	1.5242	2.2691	2.6549	2.2255	1.6108	2.5378	2.8546
Ir-190	5.3337	3.6260	4.8264	5.4095	5.6155	4.8051	6.0962	6.3399
Ir-190m	0.8611	0.4123	0.7185	0.8806	0.5722	0.2919	0.7063	0.8719
Ir-190n	1.9941	1.1936	1.7450	2.0290	1.7527	1.3071	1.9816	2.2042
Ir-191m	2.6495	1.5443	2.3048	2.6982	2.2357	1.6013	2.5627	2.8877
Ir-192	2.5265	1.8329	2.3270	2.5582	2.8777	2.5887	3.0735	3.1190

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ir-192m	0.9648	0.4732	0.8088	0.9854	0.6543	0.3474	0.8004	0.9788
Ir-192n	2.0113	0.9896	1.6872	2.0541	1.3687	0.7313	1.6724	2.0422
Ir-193m	0.8562	0.4123	0.7152	0.8755	0.5725	0.2955	0.7050	0.8682
Ir-194	0.2252	0.1642	0.2078	0.2279	0.2596	0.2348	0.2767	0.2795
Ir-194m	5.2628	3.7854	4.8394	5.3226	6.0284	5.4201	6.4354	6.4944
Ir-195	2.0044	1.1963	1.7522	2.0391	1.7390	1.2826	1.9726	2.2013
Ir-195m	2.3904	1.5493	2.1347	2.4278	2.3352	1.8997	2.5773	2.7543
Ir-196	0.4482	0.3244	0.4130	0.4532	0.5195	0.4700	0.5537	0.5560
Ir-196m	5.9638	4.2104	5.4554	6.0367	6.6647	5.9065	7.1523	7.2755
K-38	0.8796	0.6215	0.8060	0.8839	1.0710	0.9770	1.1309	1.1053
K-40	0.1098	0.0748	0.0998	0.1106	0.1259	0.1115	0.1346	0.1348
K-42	0.1680	0.1192	0.1545	0.1689	0.2037	0.1860	0.2154	0.2111
K-43	1.8750	1.3823	1.7367	1.8952	2.2288	2.0444	2.3629	2.3527
K-44	1.3836	0.9849	1.2711	1.3916	1.6758	1.5310	1.7696	1.7370
K-45	1.8055	1.3308	1.6728	1.8244	2.1495	1.9709	2.2784	2.2544
K-46	1.3620	0.9653	1.2499	1.3691	1.6535	1.5112	1.7450	1.7108
Kr-74	2.3835	1.6072	2.1486	2.4182	2.3855	1.9881	2.6123	2.7595
Kr-75	1.8874	1.3375	1.7258	1.9137	2.0024	1.7405	2.1755	2.2381
Kr-76	3.4399	2.1768	3.0536	3.4875	3.1949	2.5006	3.5545	3.8504
Kr-77	1.9653	1.4129	1.8037	1.9936	2.1055	1.8466	2.2858	2.3436
Kr-79	1.9580	1.1590	1.7105	1.9862	1.6503	1.1811	1.8807	2.1053
Kr-81	1.5617	0.8553	1.3396	1.5849	1.1637	0.7251	1.3681	1.5995
Kr-81m	1.2704	0.8840	1.1557	1.2881	1.3045	1.1096	1.4174	1.4793
Kr-83m	0.6970	0.3746	0.5955	0.7082	0.5116	0.3115	0.6054	0.7129
Kr-85	0.0041	0.0030	0.0037	0.0041	0.0048	0.0044	0.0051	0.0051
Kr-85m	1.2146	0.9024	1.1255	1.2318	1.3591	1.2225	1.4589	1.4751
Kr-87	0.7729	0.5637	0.7141	0.7807	0.9228	0.8453	0.9783	0.9692
Kr-88	1.5164	1.0753	1.3897	1.5289	1.7440	1.5626	1.8568	1.8547
Kr-89	1.6485	1.1934	1.5206	1.6627	1.9661	1.7951	2.0820	2.0605
La-128	3.2081	2.3314	2.9599	3.2393	3.7804	3.4470	4.0079	3.9935
La-129	1.6864	1.2010	1.5442	1.7027	1.8917	1.6965	2.0168	2.0379
La-130	2.3858	1.7195	2.1962	2.4072	2.7933	2.5389	2.9645	2.9570
La-131	2.2950	1.6170	2.0949	2.3153	2.5490	2.2746	2.7200	2.7538
La-132	2.2990	1.6267	2.1053	2.3170	2.6513	2.3905	2.8173	2.8152
La-132m	2.3281	1.6374	2.1258	2.3524	2.5744	2.2842	2.7619	2.8007
La-133	1.4398	0.9065	1.2768	1.4529	1.4118	1.1575	1.5447	1.6292
La-134	0.4755	0.3167	0.4278	0.4782	0.5060	0.4396	0.5424	0.5537
La-135	1.1179	0.7350	1.0019	1.1239	1.1664	1.0041	1.2535	1.2868
La-136	0.7426	0.4892	0.6660	0.7465	0.7780	0.6709	0.8356	0.8566
La-137	1.0699	0.7005	0.9578	1.0757	1.1105	0.9527	1.1946	1.2285

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
La-138	1.4985	1.0284	1.3624	1.5080	1.6980	1.5100	1.8105	1.8134
La-140	2.0089	1.4466	1.8526	2.0245	2.4079	2.1990	2.5504	2.5172
La-141	0.0175	0.0124	0.0160	0.0176	0.0212	0.0193	0.0223	0.0219
La-142	1.3931	0.9961	1.2813	1.4019	1.6825	1.5367	1.7784	1.7478
La-143	0.2003	0.1436	0.1844	0.2017	0.2415	0.2207	0.2554	0.2513
Lu-165	3.6689	2.4638	3.3048	3.7257	3.7924	3.2093	4.1190	4.3094
Lu-167	4.0707	2.6837	3.6525	4.1279	4.1922	3.5228	4.5570	4.7679
Lu-169m	0.6330	0.2999	0.5271	0.6477	0.4170	0.2088	0.5167	0.6404
Lu-169	3.7714	2.4857	3.3828	3.8280	3.8695	3.2413	4.2079	4.4135
Lu-170	3.4790	2.2827	3.1190	3.5251	3.6277	3.0558	3.9359	4.0964
Lu-171m	0.6707	0.3193	0.5590	0.6863	0.4446	0.2253	0.5497	0.6798
Lu-171	4.3161	2.6633	3.8065	4.3881	4.0429	3.1644	4.4929	4.8711
Lu-172	4.8903	3.2291	4.3913	4.9602	5.0619	4.2574	5.5046	5.7502
Lu-172m	0.5691	0.2696	0.4739	0.5823	0.3748	0.1877	0.4645	0.5758
Lu-173	3.4115	2.2020	3.0384	3.4715	3.3296	2.7066	3.6505	3.9100
Lu-174	1.9534	1.1933	1.7168	1.9895	1.7898	1.3782	1.9946	2.1862
Lu-174m	2.7643	1.5740	2.3908	2.8183	2.3126	1.6320	2.6475	3.0020
Lu-176	3.2512	2.2177	2.9417	3.3042	3.3725	2.8689	3.6698	3.8510
Lu-176m	0.5944	0.3405	0.5146	0.6060	0.4953	0.3491	0.5688	0.6457
Lu-177	0.3861	0.2606	0.3481	0.3926	0.3914	0.3287	0.4279	0.4518
Lu-177m	7.1848	4.9572	6.5193	7.3010	7.5521	6.4896	8.1897	8.5347
Lu-178	0.4432	0.2708	0.3900	0.4506	0.4096	0.3167	0.4580	0.4996
Lu-178m	5.6133	3.9305	5.1123	5.6975	6.0310	5.2554	6.5078	6.7340
Lu-179	0.1718	0.1266	0.1588	0.1746	0.1941	0.1750	0.2073	0.2107
Lu-180	2.6695	1.8295	2.4219	2.7033	2.9062	2.5275	3.1326	3.2147
Lu-181	2.7434	1.7409	2.4380	2.7882	2.6546	2.1319	2.9377	3.1509
Mg-27	0.9361	0.6732	0.8632	0.9428	1.1270	1.0294	1.1931	1.1735
Mg-28	2.0327	1.4551	1.8680	2.0424	2.4031	2.2007	2.5328	2.4999
Mn-50m	3.0846	2.2080	2.8401	3.1053	3.7199	3.3981	3.9345	3.8697
Mn-51	0.0197	0.0105	0.0169	0.0201	0.0156	0.0102	0.0183	0.0211
Mn-52	3.1184	2.1465	2.8406	3.1454	3.5639	3.1577	3.8134	3.8252
Mn-52m	0.9218	0.6523	0.8465	0.9272	1.1125	1.0140	1.1763	1.1560
Mn-53	0.5113	0.2421	0.4257	0.5232	0.3366	0.1683	0.4172	0.5173
Mn-54	1.4239	0.8990	1.2678	1.4427	1.4336	1.1699	1.5801	1.6610
Mn-56	1.2930	0.9260	1.1910	1.3017	1.5610	1.4254	1.6526	1.6223
Mn-57	1.1876	0.6793	1.0294	1.2081	0.9790	0.6834	1.1301	1.2786
Mn-58m	2.0625	1.4811	1.9006	2.0773	2.4858	2.2725	2.6307	2.5881
Mo-101	1.8924	1.3249	1.7287	1.9116	2.1439	1.9052	2.2935	2.3119
Mo-102	0.1214	0.0919	0.1130	0.1232	0.1403	0.1286	0.1494	0.1499
Mo-89	0.2327	0.1643	0.2132	0.2342	0.2702	0.2433	0.2872	0.2852

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Mo-90	3.6822	2.6173	3.3689	3.7179	3.9518	3.4828	4.2531	4.3314
Mo-91m	0.9486	0.6755	0.8715	0.9550	1.1182	1.0138	1.1860	1.1747
Mo-91	0.0850	0.0559	0.0762	0.0854	0.0828	0.0689	0.0904	0.0938
Mo-93	1.1802	0.7691	1.0550	1.1848	1.1185	0.9167	1.2256	1.2826
Mo-93m	2.8341	2.0302	2.6062	2.8579	3.2980	2.9830	3.5053	3.4908
Mo-99	0.3639	0.2650	0.3358	0.3675	0.4184	0.3792	0.4459	0.4453
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	0.6081	0.4283	0.5557	0.6089	0.7420	0.6754	0.7793	0.7594
Na-22	0.9192	0.6533	0.8440	0.9245	1.1136	1.0187	1.1748	1.1549
Na-24	1.7768	1.2568	1.6300	1.7857	2.1603	1.9732	2.2798	2.2313
Nb-87	2.3424	1.6819	2.1490	2.3688	2.5176	2.2230	2.7066	2.7629
Nb-88m	3.4846	2.5138	3.2117	3.5129	4.1561	3.7927	4.4007	4.3540
Nb-88	4.8804	3.4787	4.4789	4.9188	5.6105	5.0495	5.9681	5.9625
Nb-89	0.6012	0.4067	0.5439	0.6042	0.6390	0.5520	0.6882	0.6986
Nb-89m	1.0817	0.7705	0.9922	1.0907	1.2207	1.0923	1.3026	1.3096
Nb-90	3.7381	2.6398	3.4201	3.7653	4.2065	3.7507	4.4961	4.5012
Nb-91	1.2543	0.8070	1.1178	1.2595	1.1552	0.9262	1.2737	1.3463
Nb-91m	1.0325	0.6730	0.9231	1.0368	0.9813	0.8049	1.0752	1.1251
Nb-92	3.0769	2.1302	2.8013	3.0968	3.3523	2.9395	3.5967	3.6383
Nb-92m	2.2218	1.5005	2.0090	2.2336	2.3196	1.9886	2.5053	2.5582
Nb-93m	0.2460	0.1540	0.2177	0.2476	0.2229	0.1753	0.2476	0.2647
Nb-94m	0.8171	0.5304	0.7297	0.8206	0.7717	0.6303	0.8467	0.8879
Nb-94	1.8110	1.3075	1.6715	1.8249	2.1754	1.9877	2.3045	2.2704
Nb-95	0.8998	0.6502	0.8310	0.9068	1.0804	0.9872	1.1459	1.1279
Nb-95m	1.0858	0.7387	0.9816	1.0937	1.0942	0.9310	1.1871	1.2273
Nb-96	2.9416	2.1309	2.7158	2.9659	3.5261	3.2250	3.7342	3.6868
Nb-97	0.9114	0.6620	0.8418	0.9189	1.0913	0.9980	1.1557	1.1429
Nb-98m	2.8684	2.0685	2.6462	2.8903	3.4423	3.1447	3.6473	3.5939
Nb-99	2.3408	1.7180	2.1576	2.3658	2.5761	2.3118	2.7622	2.7941
Nb-99m	0.7276	0.5233	0.6689	0.7334	0.8451	0.7651	0.8975	0.8940
Nd-134	2.4621	1.7582	2.2546	2.4893	2.7318	2.4404	2.9200	2.9620
Nd-135	2.8378	1.9814	2.5834	2.8699	3.1022	2.7361	3.3251	3.3986
Nd-136	2.5492	1.7300	2.3002	2.5722	2.6963	2.3389	2.9014	2.9889
Nd-137	2.5364	1.7560	2.3044	2.5572	2.8028	2.4820	2.9939	3.0366
Nd-138	1.1626	0.7675	1.0416	1.1711	1.2069	1.0349	1.2997	1.3444
Nd-139	1.0595	0.7114	0.9542	1.0674	1.1293	0.9813	1.2121	1.2428
Nd-139m	3.6262	2.5413	3.3078	3.6559	4.0768	3.6374	4.3496	4.3829
Nd-140	1.0847	0.7102	0.9696	1.0924	1.1169	0.9527	1.2043	1.2485
Nd-141	1.0950	0.7193	0.9797	1.1026	1.1331	0.9694	1.2206	1.2631
Nd-141m	0.9159	0.6558	0.8431	0.9232	1.0834	0.9839	1.1507	1.1388

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	1.1741	0.8200	1.0665	1.1857	1.2739	1.1234	1.3629	1.3959
Nd-149	1.8664	1.3551	1.7168	1.8899	2.1046	1.8945	2.2457	2.2755
Nd-151	2.0483	1.4986	1.8898	2.0709	2.3642	2.1480	2.5163	2.5216
Nd-152	0.9149	0.6340	0.8316	0.9282	0.9715	0.8408	1.0505	1.0883
Ne-19	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Ne-24	1.0092	0.7424	0.9344	1.0198	1.2011	1.1020	1.2726	1.2648
Ni-56	4.1636	2.8530	3.7809	4.2226	4.4601	3.8447	4.8423	4.9849
Ni-57	1.6191	1.0417	1.4471	1.6388	1.6735	1.3942	1.8318	1.9075
Ni-59	0.8866	0.4197	0.7381	0.9072	0.5836	0.2919	0.7234	0.8970
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.4215	0.3012	0.3879	0.4242	0.5090	0.4652	0.5380	0.5293
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	5.0416	3.3737	4.5392	5.0971	5.0882	4.2568	5.5531	5.8160
Np-233	2.1303	1.4048	1.9067	2.1554	2.0404	1.6581	2.2462	2.3965
Np-234	3.2398	2.1123	2.8973	3.2739	3.1709	2.5927	3.4814	3.6778
Np-235	1.1797	0.6715	1.0208	1.1950	0.9430	0.6450	1.0871	1.2329
Np-236	5.2967	3.3379	4.6922	5.3590	4.8111	3.7413	5.3664	5.8139
Np-236m	1.2613	0.8185	1.1246	1.2759	1.1857	0.9493	1.3109	1.4064
Np-237	2.1366	1.3020	1.8778	2.1599	1.8702	1.4070	2.1009	2.3031
Np-238	1.5133	0.9656	1.3479	1.5273	1.4827	1.2053	1.6284	1.7153
Np-239	3.1917	2.0840	2.8518	3.2324	3.0558	2.4753	3.3723	3.6025
Np-240	4.4914	2.9310	4.0196	4.5389	4.4250	3.6357	4.8541	5.1132
Np-240m	1.2959	0.8283	1.1542	1.3092	1.2509	1.0104	1.3784	1.4614
Np-241	0.8151	0.5368	0.7298	0.8248	0.7843	0.6392	0.8637	0.9189
Np-242	0.3586	0.2391	0.3234	0.3616	0.3806	0.3252	0.4120	0.4222
Np-242m	4.0390	2.5957	3.6019	4.0818	3.9042	3.1615	4.3026	4.5556
O-14	0.8704	0.6146	0.7974	0.8745	1.0606	0.9678	1.1195	1.0933
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	1.6627	1.2413	1.5441	1.6837	1.9645	1.8057	2.0800	2.0742
Os-180	2.9080	1.7079	2.5338	2.9595	2.5148	1.8420	2.8566	3.1941
Os-181	4.8186	3.1315	4.3081	4.8927	4.7996	3.9464	5.2728	5.5932
Os-182	3.5939	2.2641	3.1868	3.6550	3.3999	2.6936	3.7806	4.0914
Os-183	4.8179	3.1205	4.3005	4.8958	4.7159	3.8447	5.1983	5.5579
Os-183m	2.7130	1.7262	2.4133	2.7519	2.6743	2.1729	2.9431	3.1318
Os-185	2.6316	1.6876	2.3454	2.6703	2.5980	2.1176	2.8596	3.0428
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	0.8267	0.3946	0.6894	0.8456	0.5479	0.2779	0.6771	0.8369
Os-190m	5.0958	3.4466	4.6073	5.1686	5.3565	4.5676	5.8259	6.0620
Os-191	2.7384	1.6152	2.3887	2.7881	2.3449	1.7054	2.6769	3.0001

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Os-191m	0.9734	0.4919	0.8210	0.9944	0.6929	0.3979	0.8357	1.0057
Os-193	0.7271	0.4483	0.6411	0.7395	0.6637	0.5112	0.7451	0.8160
Os-194	0.7800	0.3939	0.6576	0.7961	0.5538	0.3171	0.6672	0.8021
Os-196	0.6052	0.4022	0.5439	0.6147	0.6071	0.5051	0.6660	0.7050
P-30	0.0007	0.0005	0.0006	0.0007	0.0008	0.0007	0.0009	0.0009
P-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pa-227	1.0595	0.6499	0.9323	1.0729	0.9288	0.6988	1.0448	1.1489
Pa-228	5.7447	3.7346	5.1342	5.8101	5.5769	4.5328	6.1383	6.5102
Pa-229	2.0473	1.3113	1.8193	2.0725	1.8866	1.4853	2.0959	2.2659
Pa-230	3.3962	2.2019	3.0319	3.4343	3.2703	2.6457	3.6029	3.8306
Pa-231	2.1640	1.2506	1.8794	2.1922	1.7757	1.2465	2.0334	2.2894
Pa-232	2.7516	1.8058	2.4683	2.7799	2.7626	2.2908	3.0218	3.1609
Pa-233	2.6912	1.7411	2.4003	2.7237	2.5522	2.0484	2.8215	3.0235
Pa-234	5.4322	3.5887	4.8771	5.4913	5.4212	4.4936	5.9343	6.2262
Pa-234m	0.0431	0.0283	0.0386	0.0435	0.0433	0.0359	0.0473	0.0495
Pa-235	0.2993	0.1420	0.2493	0.3062	0.1974	0.0991	0.2444	0.3028
Pa-236	1.8963	1.2418	1.7000	1.9146	1.9132	1.5887	2.0901	2.1830
Pa-237	1.0187	0.6865	0.9217	1.0300	1.1021	0.9496	1.1924	1.2216
Pb-194	4.0012	2.6375	3.5879	4.0574	3.9991	3.3093	4.3836	4.6307
Pb-195m	5.5993	3.6623	5.0149	5.6770	5.5820	4.5973	6.1313	6.4818
Pb-196	3.7764	2.4796	3.3809	3.8338	3.7036	3.0331	4.0755	4.3399
Pb-197	3.5321	2.3543	3.1784	3.5780	3.6366	3.0622	3.9639	4.1400
Pb-197m	4.9446	3.2464	4.4309	5.0153	4.9174	4.0516	5.4011	5.7171
Pb-198	3.6747	2.4096	3.2889	3.7308	3.5914	2.9342	3.9568	4.2196
Pb-199	3.1447	2.0756	2.8213	3.1875	3.1670	2.6316	3.4673	3.6530
Pb-200	3.6892	2.3572	3.2791	3.7479	3.4513	2.7311	3.8419	4.1554
Pb-201	3.5635	2.3690	3.2022	3.6134	3.5908	2.9911	3.9302	4.1472
Pb-201m	1.3177	0.8685	1.1819	1.3346	1.3257	1.0995	1.4512	1.5275
Pb-202	0.8353	0.4101	0.7004	0.8531	0.5668	0.3014	0.6933	0.8475
Pb-202m	3.4896	2.4323	3.1838	3.5266	3.8940	3.4334	4.1792	4.2352
Pb-203	3.1257	2.0537	2.7983	3.1745	3.0545	2.4971	3.3640	3.5916
Pb-204m	2.9378	2.1039	2.7019	2.9656	3.4305	3.0996	3.6503	3.6413
Pb-205	0.8454	0.4151	0.7089	0.8635	0.5737	0.3051	0.7017	0.8577
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	0.9247	0.4981	0.7903	0.9402	0.6904	0.4295	0.8138	0.9538
Pb-211	0.1302	0.0919	0.1192	0.1317	0.1462	0.1298	0.1567	0.1586
Pb-212	1.4238	0.9662	1.2851	1.4457	1.4363	1.2049	1.5688	1.6533
Pb-214	1.4522	0.9848	1.3117	1.4728	1.4866	1.2546	1.6211	1.7015
Pd-100	3.3310	2.3545	3.0347	3.3575	3.6013	3.1916	3.8487	3.9148

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pd-101	2.5452	1.7411	2.3029	2.5616	2.7016	2.3531	2.8996	2.9640
Pd-103	1.1091	0.7420	0.9969	1.1151	1.1394	0.9756	1.2284	1.2651
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.0722	0.7801	0.9870	1.0844	1.1975	1.0771	1.2767	1.2922
Pd-109	0.5997	0.3987	0.5386	0.6031	0.6148	0.5242	0.6622	0.6867
Pd-111	0.0759	0.0549	0.0699	0.0765	0.0890	0.0810	0.0943	0.0939
Pd-112	0.5034	0.3249	0.4486	0.5066	0.4828	0.3956	0.5291	0.5558
Pd-114	0.1581	0.1192	0.1470	0.1603	0.1829	0.1678	0.1949	0.1954
Pd-96	2.8028	2.0165	2.5754	2.8273	3.1836	2.8687	3.3991	3.4040
Pd-97	2.2230	1.5993	2.0446	2.2435	2.5856	2.3423	2.7459	2.7400
Pd-98	2.7134	1.9363	2.4814	2.7362	2.9792	2.6541	3.1844	3.2278
Pd-99	2.3315	1.6924	2.1463	2.3551	2.6396	2.3817	2.8200	2.8302
Pm-136	2.9702	2.1623	2.7430	2.9990	3.5159	3.2101	3.7304	3.7099
Pm-137m	3.8802	2.7962	3.5633	3.9232	4.3938	3.9550	4.6823	4.7287
Pm-139	0.7432	0.5145	0.6752	0.7500	0.8195	0.7247	0.8765	0.8912
Pm-140m	3.3103	2.3700	3.0436	3.3387	3.8919	3.5321	4.1311	4.1063
Pm-140	0.2747	0.1903	0.2499	0.2769	0.3079	0.2735	0.3287	0.3316
Pm-141	0.7236	0.4842	0.6511	0.7292	0.7718	0.6692	0.8286	0.8501
Pm-142	0.2990	0.1979	0.2681	0.3012	0.3140	0.2701	0.3379	0.3483
Pm-143	1.4470	0.9699	1.3029	1.4585	1.5430	1.3375	1.6580	1.7009
Pm-144	3.3567	2.3617	3.0676	3.3849	3.8226	3.4235	4.0723	4.0937
Pm-145	1.1511	0.7480	1.0266	1.1609	1.1682	0.9856	1.2647	1.3213
Pm-146	1.8861	1.3221	1.7213	1.9032	2.1261	1.8974	2.2689	2.2886
Pm-147	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Pm-148	0.5407	0.3892	0.4984	0.5446	0.6500	0.5943	0.6876	0.6780
Pm-148m	3.1708	2.3032	2.9262	3.1998	3.7568	3.4275	3.9825	3.9586
Pm-149	0.0455	0.0324	0.0417	0.0462	0.0504	0.0446	0.0541	0.0555
Pm-150	1.7545	1.2770	1.6201	1.7703	2.0915	1.9132	2.2154	2.2002
Pm-151	1.4989	1.0740	1.3740	1.5171	1.6746	1.4964	1.7900	1.8204
Pm-152m	3.2403	2.3460	2.9822	3.2784	3.7167	3.3568	3.9619	3.9857
Pm-152	0.6152	0.4381	0.5635	0.6217	0.6937	0.6205	0.7423	0.7487
Pm-153	1.0719	0.7421	0.9726	1.0848	1.1343	0.9858	1.2267	1.2652
Pm-154	1.8166	1.2580	1.6531	1.8323	2.0588	1.8277	2.1985	2.2120
Pm-154m	3.1202	2.2176	2.8576	3.1541	3.5375	3.1657	3.7756	3.8097
Po-203	4.0726	2.7066	3.6613	4.1228	4.1419	3.4619	4.5202	4.7302
Po-204	6.6757	4.2543	5.9335	6.7719	6.3201	5.0247	7.0123	7.5425
Po-205	3.8361	2.5517	3.4502	3.8825	3.9239	3.2894	4.2790	4.4670
Po-206	5.2302	3.3620	4.6608	5.3009	5.0374	4.0515	5.5659	5.9472
Po-207	3.4771	2.3191	3.1288	3.5193	3.5623	2.9915	3.8820	4.0525
Po-208	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Po-209	0.0680	0.0373	0.0584	0.0693	0.0541	0.0360	0.0631	0.0728
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-211	0.0108	0.0078	0.0099	0.0109	0.0128	0.0116	0.0136	0.0134
Po-212m	0.0418	0.0299	0.0384	0.0421	0.0502	0.0458	0.0531	0.0523
Po-212	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-213	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0001	0.0001
Po-214	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-215	0.0004	0.0003	0.0004	0.0004	0.0005	0.0004	0.0005	0.0005
Po-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-134	4.2281	3.0739	3.9008	4.2702	4.9704	4.5307	5.2742	5.2586
Pr-134m	1.9375	1.3971	1.7837	1.9558	2.2777	2.0728	2.4174	2.4062
Pr-135	1.8884	1.3168	1.7181	1.9052	2.0766	1.8415	2.2182	2.2554
Pr-136	2.2324	1.5887	2.0476	2.2501	2.5964	2.3480	2.7560	2.7496
Pr-137	0.9345	0.6215	0.8395	0.9406	0.9860	0.8529	1.0590	1.0871
Pr-138	0.3138	0.2085	0.2819	0.3158	0.3318	0.2872	0.3564	0.3654
Pr-138m	3.8714	2.7484	3.5489	3.9034	4.4706	4.0305	4.7531	4.7547
Pr-139	1.0208	0.6713	0.9140	1.0271	1.0608	0.9105	1.1413	1.1771
Pr-140	0.5444	0.3580	0.4874	0.5478	0.5657	0.4856	0.6086	0.6277
Pr-142	0.0335	0.0237	0.0308	0.0337	0.0407	0.0371	0.0430	0.0421
Pr-142m	0.0402	0.0190	0.0335	0.0412	0.0265	0.0132	0.0328	0.0407
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0210	0.0151	0.0193	0.0211	0.0253	0.0231	0.0268	0.0263
Pr-144m	0.5819	0.3531	0.5108	0.5885	0.5421	0.4267	0.6009	0.6485
Pr-145	0.0349	0.0245	0.0318	0.0351	0.0397	0.0356	0.0423	0.0424
Pr-146	1.0129	0.7338	0.9348	1.0216	1.2133	1.1102	1.2848	1.2698
Pr-147	2.3544	1.6218	2.1339	2.3766	2.5538	2.2425	2.7362	2.7982
Pr-148	1.3344	0.9770	1.2336	1.3476	1.5841	1.4492	1.6785	1.6718
Pr-148m	1.9977	1.4755	1.8506	2.0203	2.3585	2.1596	2.5020	2.5013
Pt-184	7.5135	4.7358	6.6608	7.6391	7.0462	5.5580	7.8498	8.5142
Pt-186	3.5706	2.2742	3.1753	3.6253	3.4447	2.7689	3.8116	4.0894
Pt-187	4.6488	2.9284	4.1202	4.7244	4.3703	3.4523	4.8631	5.2718
Pt-188	3.4529	2.1386	3.0473	3.5126	3.1573	2.4403	3.5373	3.8754
Pt-189	4.4739	2.7761	3.9504	4.5476	4.1289	3.2106	4.6153	5.0368
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	4.0718	2.5243	3.5938	4.1398	3.7395	2.9003	4.1833	4.5753
Pt-193	0.8874	0.4319	0.7428	0.9067	0.5978	0.3133	0.7334	0.8997
Pt-193m	1.2313	0.6420	1.0451	1.2565	0.9059	0.5478	1.0800	1.2821
Pt-195m	3.6015	2.0452	3.1132	3.6679	2.9410	2.0334	3.3950	3.8746
Pt-197	1.0182	0.5808	0.8810	1.0369	0.8299	0.5735	0.9585	1.0923

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pt-197m	2.4186	1.3701	2.0901	2.4629	1.9708	1.3575	2.2766	2.5998
Pt-199	0.6384	0.4359	0.5785	0.6471	0.6761	0.5802	0.7332	0.7601
Pt-200	1.5384	0.9193	1.3455	1.5654	1.3345	0.9837	1.5153	1.6888
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pu-232	1.5818	1.0449	1.4164	1.6002	1.5200	1.2388	1.6725	1.7817
Pu-234	1.8577	1.2143	1.6592	1.8794	1.7626	1.4220	1.9453	2.0809
Pu-235	2.5717	1.6625	2.2910	2.6019	2.4111	1.9256	2.6681	2.8650
Pu-236	0.3537	0.2066	0.3079	0.3577	0.2917	0.2071	0.3329	0.3721
Pu-237	1.9566	1.2309	1.7318	1.9800	1.7750	1.3784	1.9799	2.1500
Pu-238	0.3270	0.1910	0.2846	0.3307	0.2694	0.1912	0.3075	0.3439
Pu-239	0.1971	0.1087	0.1694	0.2001	0.1528	0.1003	0.1782	0.2050
Pu-240	0.3074	0.1795	0.2676	0.3109	0.2534	0.1798	0.2892	0.3234
Pu-241	0.0001	0.0000	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001
Pu-242	0.2636	0.1540	0.2295	0.2666	0.2173	0.1542	0.2480	0.2773
Pu-243	0.6621	0.4378	0.5929	0.6700	0.6442	0.5301	0.7067	0.7489
Pu-244	0.2389	0.1425	0.2090	0.2415	0.2043	0.1500	0.2312	0.2553
Pu-245	1.4694	1.0270	1.3386	1.4855	1.5786	1.3763	1.7024	1.7488
Pu-246	2.5469	1.7042	2.2901	2.5768	2.5336	2.1139	2.7666	2.9110
Ra-219	0.9828	0.6826	0.8930	0.9954	1.0325	0.8887	1.1184	1.1635
Ra-220	0.0102	0.0074	0.0094	0.0103	0.0119	0.0108	0.0126	0.0126
Ra-221	1.1221	0.6878	0.9877	1.1383	0.9829	0.7361	1.1097	1.2227
Ra-222	0.0338	0.0247	0.0311	0.0342	0.0384	0.0345	0.0410	0.0416
Ra-223	1.9522	1.2735	1.7436	1.9806	1.8663	1.5057	2.0636	2.2114
Ra-224	0.0622	0.0446	0.0570	0.0632	0.0677	0.0596	0.0728	0.0748
Ra-225	0.7778	0.4885	0.6880	0.7846	0.7267	0.5782	0.8015	0.8593
Ra-226	0.9980	0.7188	0.9191	0.9985	1.1984	1.1028	1.2628	1.2333
Ra-227	2.3125	1.4146	2.0356	2.3410	2.0577	1.5615	2.3085	2.5274
Ra-228	1.0531	0.7593	0.9718	1.0567	1.2611	1.1559	1.3394	1.2993
Ra-230	0.9908	0.6456	0.8850	1.0043	0.9489	0.7670	1.0474	1.1207
Rb-77	1.8242	1.3094	1.6737	1.8446	2.0178	1.7927	2.1579	2.1953
Rb-78m	2.4152	1.7450	2.2259	2.4357	2.8652	2.6107	3.0371	3.0119
Rb-78	1.9018	1.3460	1.7428	1.9165	2.2176	1.9961	2.3577	2.3468
Rb-79	2.4235	1.6832	2.2054	2.4526	2.5373	2.1753	2.7535	2.8456
Rb-80	0.2887	0.2065	0.2654	0.2912	0.3352	0.3020	0.3567	0.3565
Rb-81	1.5199	0.9461	1.3442	1.5364	1.3585	1.0311	1.5197	1.6567
Rb-81m	1.1823	0.7276	1.0414	1.1923	0.9969	0.7265	1.1233	1.2417
Rb-82	0.2162	0.1462	0.1958	0.2181	0.2307	0.1974	0.2496	0.2554
Rb-82m	4.2440	2.8992	3.8525	4.2811	4.5962	3.9739	4.9532	5.0528
Rb-83	2.4081	1.5210	2.1381	2.4340	2.2253	1.7328	2.4726	2.6665
Rb-84	1.7024	1.0786	1.5140	1.7185	1.6090	1.2691	1.7800	1.8988

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Rb-84m	1.7985	1.2833	1.6480	1.8223	1.9443	1.7045	2.0907	2.1456
Rb-86m	0.9274	0.6757	0.8566	0.9359	1.0973	1.0011	1.1631	1.1569
Rb-86	0.0825	0.0589	0.0759	0.0830	0.0996	0.0910	0.1052	0.1035
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rb-88	0.3648	0.2596	0.3353	0.3669	0.4421	0.4036	0.4674	0.4581
Rb-89	1.5737	1.1228	1.4466	1.5833	1.9026	1.7381	2.0090	1.9748
Rb-90	0.8301	0.5917	0.7631	0.8348	1.0049	0.9176	1.0621	1.0409
Rb-90m	1.9287	1.3744	1.7736	1.9408	2.3189	2.1126	2.4548	2.4125
Re-178	3.5016	2.2596	3.1240	3.5563	3.4586	2.8246	3.8055	4.0508
Re-179	4.1221	2.7121	3.6968	4.1857	4.1663	3.4645	4.5613	4.8182
Re-180	3.7460	2.3739	3.3281	3.8025	3.6464	2.9377	4.0264	4.3042
Re-181	4.4042	2.8197	3.9214	4.4748	4.2929	3.4758	4.7376	5.0738
Re-182	8.3071	5.4355	7.4357	8.4392	8.2743	6.8212	9.0830	9.6441
Re-182m	4.4184	2.8328	3.9340	4.4854	4.3319	3.5221	4.7676	5.0884
Re-183	4.1250	2.4864	3.6159	4.2008	3.6708	2.7626	4.1389	4.5844
Re-184	3.3280	2.1221	2.9615	3.3786	3.2576	2.6382	3.5930	3.8325
Re-184m	3.5941	2.1967	3.1625	3.6578	3.2704	2.5059	3.6722	4.0333
Re-186	0.4227	0.2668	0.3748	0.4301	0.3942	0.3102	0.4406	0.4783
Re-186m	2.5350	1.2840	2.1388	2.5894	1.8159	1.0523	2.1846	2.6228
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	0.4105	0.2764	0.3704	0.4171	0.4161	0.3486	0.4565	0.4798
Re-188m	2.8631	1.6521	2.4841	2.9171	2.4066	1.7134	2.7571	3.1207
Re-189	0.5153	0.3317	0.4595	0.5245	0.4956	0.3987	0.5495	0.5912
Re-190	3.2279	2.3269	2.9698	3.2689	3.6796	3.3049	3.9312	3.9700
Re-190m	3.3360	2.2487	3.0120	3.3846	3.4768	2.9533	3.7856	3.9507
Rh-100m	1.6241	1.0935	1.4623	1.6336	1.6845	1.4502	1.8135	1.8640
Rh-100	3.2722	2.2972	2.9895	3.2941	3.7209	3.3288	3.9633	3.9646
Rh-101	3.1172	2.2537	2.8636	3.1506	3.4294	3.0659	3.6755	3.7243
Rh-101m	2.0407	1.4334	1.8604	2.0578	2.2097	1.9483	2.3692	2.4170
Rh-102	1.2982	0.9030	1.1813	1.3077	1.4144	1.2467	1.5150	1.5364
Rh-102m	4.0667	2.8867	3.7268	4.0981	4.6487	4.1769	4.9496	4.9535
Rh-103m	0.1786	0.1078	0.1566	0.1807	0.1614	0.1241	0.1804	0.1960
Rh-104	0.0248	0.0178	0.0228	0.0250	0.0286	0.0259	0.0304	0.0304
Rh-104m	1.6494	1.1426	1.4951	1.6640	1.7649	1.5464	1.8825	1.9240
Rh-105	0.2581	0.1930	0.2397	0.2612	0.3034	0.2784	0.3220	0.3240
Rh-106	0.3169	0.2315	0.2930	0.3198	0.3783	0.3465	0.4004	0.3970
Rh-106m	3.4965	2.5400	3.2293	3.5267	4.1854	3.8307	4.4313	4.3824
Rh-107	0.9990	0.7468	0.9278	1.0116	1.1748	1.0780	1.2467	1.2525
Rh-108	0.6103	0.4489	0.5650	0.6169	0.7253	0.6651	0.7689	0.7648
Rh-109	1.2041	0.8929	1.1152	1.2185	1.3948	1.2731	1.4823	1.4915

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Rh-94	2.2228	1.5951	2.0474	2.2383	2.6743	2.4436	2.8295	2.7867
Rh-95	1.7375	1.2271	1.5920	1.7485	2.0318	1.8344	2.1561	2.1382
Rh-95m	1.0070	0.7268	0.9274	1.0154	1.1820	1.0747	1.2538	1.2473
Rh-96	3.7984	2.7229	3.4959	3.8264	4.4947	4.0850	4.7682	4.7192
Rh-96m	1.2312	0.8551	1.1218	1.2390	1.3884	1.2349	1.4814	1.4842
Rh-97	1.6480	1.1738	1.5111	1.6624	1.8761	1.6862	1.9999	2.0055
Rh-97m	2.7735	1.9663	2.5388	2.7962	3.1347	2.8065	3.3413	3.3525
Rh-98	1.1364	0.8163	1.0459	1.1449	1.3410	1.2186	1.4224	1.4109
Rh-99	2.9429	2.0657	2.6812	2.9659	3.1904	2.8157	3.4171	3.4752
Rh-99m	2.1947	1.5415	2.0018	2.2121	2.4069	2.1311	2.5762	2.6147
Rn-207	2.9092	1.9878	2.6339	2.9449	3.0439	2.6017	3.3028	3.4274
Rn-209	3.2783	2.2280	2.9639	3.3185	3.4156	2.9095	3.7096	3.8514
Rn-210	0.2703	0.1774	0.2421	0.2738	0.2668	0.2191	0.2930	0.3101
Rn-211	3.9484	2.6720	3.5689	3.9926	4.1589	3.5521	4.5078	4.6562
Rn-212	0.0005	0.0003	0.0004	0.0005	0.0005	0.0005	0.0006	0.0006
Rn-215	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0012	0.0009	0.0011	0.0012	0.0014	0.0013	0.0015	0.0015
Rn-219	0.2376	0.1710	0.2183	0.2411	0.2639	0.2347	0.2831	0.2891
Rn-220	1.1327	0.8262	1.0501	1.1372	1.3490	1.2393	1.4332	1.4084
Rn-222	0.0007	0.0005	0.0007	0.0008	0.0009	0.0008	0.0009	0.0009
Rn-223	2.1676	1.3482	1.9159	2.1973	1.9858	1.5375	2.2200	2.4102
Ru-103	0.9330	0.6848	0.8632	0.9422	1.1083	1.0156	1.1737	1.1669
Ru-105	1.4503	1.0521	1.3373	1.4639	1.6925	1.5379	1.7991	1.7943
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	0.5681	0.4174	0.5257	0.5742	0.6718	0.6148	0.7121	0.7085
Ru-108	0.6048	0.4491	0.5600	0.6127	0.6820	0.6172	0.7289	0.7341
Ru-92	6.1560	4.4225	5.6483	6.2209	6.8124	6.0843	7.2822	7.3685
Ru-94	2.1729	1.5123	1.9776	2.1895	2.3432	2.0576	2.5163	2.5600
Ru-95	2.5604	1.8030	2.3391	2.5800	2.8428	2.5264	3.0391	3.0701
Ru-97	2.3161	1.6378	2.1152	2.3390	2.4884	2.1918	2.6704	2.7260
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	0.8063	0.5673	0.7387	0.8094	0.9835	0.8979	1.0371	1.0117
S-38	0.7708	0.5455	0.7069	0.7748	0.9381	0.8559	0.9909	0.9692
Sb-111	1.8568	1.3682	1.7183	1.8765	2.1505	1.9599	2.2855	2.2842
Sb-113	1.4407	1.0339	1.3241	1.4519	1.6606	1.5030	1.7604	1.7659
Sb-114	1.6513	1.1701	1.5147	1.6609	1.9622	1.7839	2.0744	2.0521
Sb-115	1.6594	1.1742	1.5192	1.6704	1.8828	1.6918	1.9972	2.0113
Sb-116	1.6828	1.1773	1.5377	1.6909	1.9619	1.7702	2.0755	2.0643

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Sb-116m	4.8950	3.4915	4.4917	4.9287	5.6595	5.1184	5.9979	5.9950
Sb-117	2.2229	1.5927	2.0402	2.2416	2.4670	2.2093	2.6267	2.6589
Sb-118	0.3185	0.2155	0.2880	0.3193	0.3431	0.3007	0.3646	0.3725
Sb-118m	5.0608	3.5837	4.6333	5.0950	5.8003	5.2293	6.1406	6.1593
Sb-119	1.3689	0.9007	1.2283	1.3741	1.4109	1.2047	1.5125	1.5704
Sb-120	0.6388	0.4295	0.5765	0.6403	0.6792	0.5921	0.7224	0.7413
Sb-120m	5.1943	3.7497	4.7764	5.2363	5.9886	5.4301	6.3391	6.3515
Sb-122m	2.0497	1.4090	1.8575	2.0659	2.1864	1.9114	2.3358	2.4053
Sb-122	0.7278	0.5301	0.6723	0.7342	0.8653	0.7912	0.9162	0.9096
Sb-124	1.7178	1.2392	1.5841	1.7305	2.0648	1.8877	2.1849	2.1552
Sb-124m	0.8016	0.5569	0.7309	0.8103	0.8979	0.7920	0.9638	0.9779
Sb-124n	0.1403	0.0664	0.1168	0.1436	0.0924	0.0462	0.1145	0.1419
Sb-125	1.5835	1.1180	1.4483	1.5948	1.7876	1.6043	1.8992	1.9126
Sb-126	3.9957	2.9108	3.6931	4.0317	4.7737	4.3686	5.0592	5.0083
Sb-126m	2.4313	1.7705	2.2463	2.4547	2.8904	2.6412	3.0662	3.0430
Sb-127	1.1776	0.8587	1.0882	1.1889	1.3955	1.2752	1.4794	1.4697
Sb-128	4.4334	3.2322	4.0986	4.4725	5.2936	4.8435	5.6100	5.5573
Sb-128m	2.8937	2.1141	2.6766	2.9203	3.4464	3.1523	3.6553	3.6273
Sb-129	1.5346	1.1083	1.4160	1.5466	1.8423	1.6839	1.9506	1.9233
Sb-130m	3.3731	2.4467	3.1154	3.4019	4.0265	3.6789	4.2674	4.2148
Sb-130	4.9279	3.6053	4.5588	4.9755	5.8535	5.3542	6.2073	6.1578
Sb-131	1.9346	1.3927	1.7829	1.9487	2.3242	2.1234	2.4589	2.4245
Sb-133	2.0123	1.4404	1.8521	2.0257	2.4290	2.2196	2.5676	2.5253
Sc-42m	2.7874	2.0067	2.5688	2.8090	3.3535	3.0690	3.5470	3.4992
Sc-43	0.2517	0.1792	0.2307	0.2552	0.2820	0.2509	0.3029	0.3088
Sc-44	0.9616	0.6819	0.8825	0.9676	1.1552	1.0521	1.2208	1.2037
Sc-44m	0.9786	0.7268	0.9070	0.9938	1.1317	1.0295	1.2050	1.2174
Sc-46	1.8752	1.3426	1.7265	1.8876	2.2626	2.0668	2.3915	2.3522
Sc-47	0.8256	0.6335	0.7723	0.8383	0.9625	0.8864	1.0257	1.0229
Sc-48	2.9306	2.0962	2.6966	2.9496	3.5378	3.2324	3.7361	3.6761
Sc-49	0.0005	0.0004	0.0005	0.0005	0.0007	0.0006	0.0007	0.0007
Sc-50	2.6881	1.9296	2.4764	2.7068	3.2403	2.9627	3.4252	3.3734
Se-70	3.9897	2.2567	3.4485	4.0651	3.2832	2.2741	3.7853	4.3057
Se-71	1.2093	0.8738	1.1136	1.2240	1.3759	1.2351	1.4744	1.4818
Se-72	3.1180	1.6838	2.6654	3.1772	2.4169	1.5651	2.8256	3.2851
Se-73	2.7028	1.7775	2.4225	2.7439	2.6930	2.2249	2.9572	3.1414
Se-73m	0.5857	0.3346	0.5074	0.5960	0.4830	0.3362	0.5563	0.6311
Se-75	3.9514	2.4803	3.5015	4.0220	3.6603	2.8553	4.1067	4.4691
Se-77m	1.4012	0.8856	1.2440	1.4250	1.2874	1.0002	1.4439	1.5692
Se-79m	1.4461	0.7764	1.2348	1.4717	1.0752	0.6638	1.2716	1.4964

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0193	0.0143	0.0179	0.0195	0.0227	0.0208	0.0241	0.0241
Se-81m	1.4897	0.8103	1.2756	1.5159	1.1261	0.7110	1.3256	1.5506
Se-83m	0.9451	0.6818	0.8712	0.9524	1.1351	1.0374	1.2007	1.1856
Se-83	3.2154	2.3490	2.9724	3.2466	3.8336	3.5094	4.0611	4.0291
Se-84	0.9844	0.7287	0.9126	0.9967	1.1657	1.0705	1.2378	1.2343
Si-31	0.0006	0.0005	0.0006	0.0006	0.0008	0.0007	0.0008	0.0008
Si-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-139	1.8362	1.3170	1.6857	1.8564	2.0947	1.8846	2.2319	2.2529
Sm-140	1.6264	1.1114	1.4710	1.6424	1.7479	1.5253	1.8772	1.9266
Sm-141	1.6770	1.1837	1.5331	1.6935	1.9054	1.7076	2.0314	2.0471
Sm-141m	3.4547	2.4622	3.1665	3.4903	3.9342	3.5349	4.1903	4.2187
Sm-142	1.0504	0.6859	0.9376	1.0596	1.0718	0.9075	1.1586	1.2094
Sm-143	0.6568	0.4312	0.5873	0.6624	0.6770	0.5762	0.7307	0.7600
Sm-143m	0.9233	0.6594	0.8491	0.9308	1.0873	0.9854	1.1556	1.1460
Sm-145	2.1427	1.4105	1.9165	2.1618	2.2013	1.8733	2.3757	2.4755
Sm-146	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0038	0.0019	0.0032	0.0039	0.0027	0.0015	0.0033	0.0039
Sm-153	1.3597	0.9331	1.2283	1.3753	1.4314	1.2392	1.5392	1.5968
Sm-155	1.2337	0.9175	1.1386	1.2484	1.3892	1.2591	1.4772	1.4993
Sm-156	1.3250	0.9018	1.1966	1.3452	1.3617	1.1566	1.4819	1.5536
Sm-157	1.6983	1.2439	1.5666	1.7211	1.9347	1.7507	2.0594	2.0809
Sn-106	3.0085	2.1543	2.7619	3.0339	3.4254	3.0885	3.6374	3.6595
Sn-108	3.0606	2.1994	2.8110	3.0881	3.4595	3.1159	3.6765	3.7117
Sn-109	2.5976	1.8202	2.3736	2.6115	2.9862	2.6841	3.1651	3.1637
Sn-110	2.0766	1.4777	1.9017	2.0940	2.3132	2.0695	2.4595	2.4992
Sn-111	0.8698	0.5905	0.7869	0.8725	0.9380	0.8226	0.9980	1.0179
Sn-113	1.0717	0.7227	0.9675	1.0748	1.1347	0.9881	1.2088	1.2409
Sn-113m	0.7629	0.5049	0.6856	0.7656	0.7925	0.6805	0.8478	0.8777
Sn-117m	2.0572	1.4782	1.8895	2.0766	2.2815	2.0418	2.4330	2.4644
Sn-119m	0.9652	0.6200	0.8607	0.9705	0.9636	0.8033	1.0422	1.0958
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.3177	0.1983	0.2813	0.3202	0.3067	0.2489	0.3353	0.3570
Sn-123	0.0061	0.0043	0.0056	0.0061	0.0073	0.0067	0.0077	0.0076
Sn-123m	1.1894	0.8978	1.1074	1.2058	1.3708	1.2544	1.4604	1.4614
Sn-125m	1.0346	0.7716	0.9603	1.0467	1.2183	1.1180	1.2927	1.2986
Sn-125	0.3113	0.2236	0.2868	0.3135	0.3749	0.3426	0.3964	0.3905
Sn-126	1.3234	0.9135	1.1990	1.3364	1.3946	1.2111	1.4986	1.5506

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Sn-127m	0.9238	0.6770	0.8546	0.9328	1.1002	1.0086	1.1648	1.1568
Sn-127	2.0448	1.4779	1.8854	2.0614	2.4410	2.2299	2.5833	2.5549
Sn-128	3.5048	2.4554	3.1964	3.5258	3.8944	3.4765	4.1337	4.1831
Sn-129	1.1926	0.8638	1.1006	1.2020	1.4297	1.3075	1.5132	1.4957
Sn-130	3.1042	2.2616	2.8627	3.1350	3.5709	3.2434	3.7877	3.8003
Sn-130m	1.9077	1.3713	1.7535	1.9224	2.1952	1.9875	2.3288	2.3294
Sr-79	1.7015	1.1820	1.5452	1.7170	1.7599	1.5091	1.9011	1.9697
Sr-80	1.9766	1.2895	1.7687	1.9944	1.8710	1.4958	2.0613	2.1948
Sr-81	1.8412	1.3471	1.6997	1.8641	2.0619	1.8472	2.2096	2.2319
Sr-82	1.4170	0.8605	1.2444	1.4282	1.1668	0.8311	1.3215	1.4711
Sr-83	2.6559	1.6999	2.3655	2.6780	2.4552	1.9241	2.7181	2.9128
Sr-85	2.3320	1.5287	2.0899	2.3521	2.2457	1.8154	2.4655	2.6108
Sr-85m	1.3811	0.9985	1.2698	1.4020	1.5077	1.3325	1.6204	1.6603
Sr-87m	1.0438	0.7437	0.9568	1.0556	1.1530	1.0216	1.2374	1.2588
Sr-89	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Sr-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sr-91	0.7643	0.5506	0.7047	0.7699	0.9189	0.8395	0.9721	0.9582
Sr-92	0.9528	0.6791	0.8762	0.9588	1.1520	1.0530	1.2170	1.1964
Sr-93	2.6815	1.9291	2.4691	2.7039	3.1450	2.8511	3.3401	3.3188
Sr-94	0.9467	0.6729	0.8704	0.9522	1.1470	1.0480	1.2119	1.1894
Ta-170	1.9268	1.2268	1.7121	1.9586	1.8563	1.4899	2.0515	2.2059
Ta-172	3.7893	2.4942	3.3986	3.8459	3.8632	3.2247	4.2162	4.4358
Ta-173	3.7021	2.3072	3.2721	3.7661	3.4716	2.7280	3.8590	4.1896
Ta-174	3.3535	2.1641	2.9903	3.4096	3.2832	2.6707	3.6138	3.8637
Ta-175	4.2329	2.7786	3.7919	4.2988	4.2681	3.5438	4.6649	4.9290
Ta-176	3.9328	2.5410	3.5122	3.9877	3.9855	3.2977	4.3571	4.5861
Ta-177	1.8637	1.1565	1.6443	1.8969	1.7274	1.3477	1.9214	2.0978
Ta-178	1.9809	1.2150	1.7429	2.0164	1.8141	1.3993	2.0242	2.2199
Ta-178m	7.3864	5.0470	6.6828	7.5013	7.7112	6.5891	8.3669	8.7488
Ta-179	1.1592	0.6702	1.0061	1.1817	0.9858	0.7081	1.1232	1.2664
Ta-180	1.6481	1.0076	1.4488	1.6780	1.4998	1.1512	1.6758	1.8426
Ta-182	3.2891	2.1847	2.9563	3.3345	3.3916	2.8570	3.6931	3.8660
Ta-182m	4.6235	2.8783	4.0868	4.7086	4.2664	3.3168	4.7767	5.2144
Ta-183	4.2335	2.6373	3.7414	4.3097	3.9232	3.0598	4.3823	4.7835
Ta-184	4.8744	3.3011	4.4073	4.9463	5.1279	4.3774	5.5746	5.7990
Ta-185	2.4269	1.5006	2.1417	2.4715	2.2212	1.7145	2.4920	2.7296
Ta-186	4.1388	2.9374	3.7896	4.1953	4.5920	4.0649	4.9325	5.0307
Tb-146	2.1881	1.5349	2.0026	2.2037	2.5736	2.3210	2.7309	2.7093
Tb-147m	1.7835	1.2100	1.6137	1.7997	1.9775	1.7336	2.1152	2.1461
Tb-147	3.0348	2.1224	2.7675	3.0650	3.4221	3.0432	3.6540	3.6877

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Tb-148m	4.8116	3.4257	4.4150	4.8593	5.5625	5.0087	5.9234	5.9294
Tb-148	2.1518	1.5059	1.9653	2.1710	2.4677	2.2054	2.6298	2.6351
Tb-149m	2.3713	1.6397	2.1569	2.3958	2.6373	2.3248	2.8240	2.8625
Tb-149	2.8684	2.0067	2.6149	2.9012	3.1895	2.8220	3.4137	3.4687
Tb-150m	4.9811	3.5462	4.5669	5.0327	5.7089	5.1270	6.0820	6.1173
Tb-150	2.6583	1.8414	2.4187	2.6832	2.9952	2.6544	3.1973	3.2285
Tb-151	4.0177	2.8020	3.6552	4.0685	4.3851	3.8518	4.7035	4.8211
Tb-151m	1.5334	0.8432	1.3166	1.5639	1.2374	0.8362	1.4335	1.6456
Tb-152m	3.7367	2.5678	3.3868	3.7890	3.9929	3.4581	4.3041	4.4522
Tb-152	2.5697	1.7891	2.3391	2.5984	2.8530	2.5199	3.0525	3.1086
Tb-153	2.8850	1.9461	2.5990	2.9246	2.9957	2.5552	3.2415	3.3821
Tb-154	3.1383	2.1461	2.8427	3.1709	3.4430	3.0123	3.6931	3.7629
Tb-155	2.9302	1.9910	2.6422	2.9700	3.0404	2.6004	3.2869	3.4297
Tb-156	4.5857	3.1693	4.1648	4.6392	5.0242	4.4056	5.3877	5.5090
Tb-156m	0.9105	0.6405	0.8280	0.9252	0.9976	0.8790	1.0556	1.0825
Tb-156n	0.5062	0.2590	0.4279	0.5171	0.3698	0.2203	0.4421	0.5270
Tb-157	0.5102	0.2694	0.4340	0.5204	0.3904	0.2481	0.4594	0.5377
Tb-158	2.6221	1.7378	2.3543	2.6547	2.7286	2.3131	2.9560	3.0755
Tb-160	1.9943	1.3843	1.8156	2.0172	2.2167	1.9513	2.3765	2.4175
Tb-161	1.4961	0.9241	1.3188	1.5180	1.3993	1.1015	1.5472	1.6773
Tb-162	2.5044	1.7846	2.2966	2.5375	2.8265	2.5198	3.0243	3.0623
Tb-163	2.0269	1.4723	1.8682	2.0518	2.3399	2.1175	2.4928	2.5104
Tb-164	4.0975	2.9008	3.7522	4.1446	4.6473	4.1444	4.9685	5.0146
Tb-165	1.0005	0.6703	0.9034	1.0118	1.0869	0.9372	1.1731	1.2014
Tc-101	1.0954	0.8197	1.0175	1.1089	1.2871	1.1809	1.3661	1.3727
Tc-102m	2.3615	1.7086	2.1782	2.3806	2.8330	2.5919	2.9975	2.9613
Tc-102	0.1100	0.0803	0.1017	0.1110	0.1313	0.1203	0.1391	0.1379
Tc-104	2.3142	1.6889	2.1386	2.3357	2.7628	2.5301	2.9268	2.9025
Tc-105	2.0907	1.5366	1.9315	2.1138	2.4054	2.1851	2.5610	2.5678
Tc-91	0.8987	0.6351	0.8241	0.9039	1.0678	0.9682	1.1315	1.1150
Tc-91m	0.6568	0.4758	0.6056	0.6625	0.7735	0.7047	0.8202	0.8155
Tc-92	4.1599	3.0412	3.8449	4.2004	4.8701	4.4375	5.1780	5.1518
Tc-93	1.9965	1.3596	1.8092	2.0063	2.1587	1.8851	2.3164	2.3414
Tc-93m	1.2910	0.9099	1.1799	1.3016	1.4409	1.2835	1.5405	1.5513
Tc-94	3.9577	2.7844	3.6222	3.9841	4.5017	4.0245	4.8026	4.7948
Tc-94m	1.4279	1.0022	1.3063	1.4368	1.6361	1.4649	1.7432	1.7353
Tc-95	2.1086	1.4439	1.9132	2.1209	2.2526	1.9605	2.4245	2.4595
Tc-95m	2.6224	1.8452	2.3945	2.6449	2.8442	2.5076	3.0506	3.0969
Tc-96	3.9545	2.7743	3.6169	3.9807	4.4743	3.9906	4.7789	4.7748
Tc-96m	0.6605	0.4337	0.5914	0.6642	0.6519	0.5443	0.7099	0.7383

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Tc-97	1.1446	0.7505	1.0243	1.1496	1.1063	0.9168	1.2077	1.2588
Tc-97m	0.8644	0.5684	0.7739	0.8688	0.8486	0.7084	0.9239	0.9612
Tc-98	1.8317	1.3280	1.6918	1.8464	2.1954	2.0072	2.3263	2.2966
Tc-99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Tc-99m	1.2188	0.9197	1.1338	1.2354	1.3899	1.2691	1.4892	1.4918
Te-113	1.1028	0.7843	1.0129	1.1097	1.3142	1.1955	1.3904	1.3728
Te-114	2.7625	1.9135	2.5135	2.7807	3.0601	2.7118	3.2587	3.3025
Te-115	1.8379	1.3079	1.6872	1.8506	2.1557	1.9547	2.2828	2.2696
Te-115m	2.0864	1.4745	1.9126	2.0987	2.4494	2.2173	2.5943	2.5740
Te-116	2.1394	1.4735	1.9404	2.1497	2.3057	2.0300	2.4533	2.5081
Te-117	1.8303	1.2769	1.6710	1.8398	2.0913	1.8745	2.2191	2.2203
Te-118	1.0333	0.6908	0.9310	1.0362	1.0914	0.9480	1.1631	1.1946
Te-119	1.9681	1.3696	1.7943	1.9783	2.2124	1.9741	2.3496	2.3672
Te-119m	3.2420	2.3206	2.9770	3.2683	3.7073	3.3455	3.9372	3.9470
Te-121	1.9888	1.3880	1.8139	2.0001	2.2272	1.9873	2.3656	2.3886
Te-121m	1.7873	1.2672	1.6350	1.8065	1.9688	1.7510	2.1007	2.1419
Te-123	0.1234	0.0588	0.1028	0.1262	0.0819	0.0417	0.1012	0.1251
Te-123m	1.7793	1.2744	1.6326	1.7989	1.9607	1.7468	2.0990	2.1300
Te-125m	1.7731	1.1752	1.5936	1.7797	1.8567	1.6031	1.9859	2.0434
Te-127	0.0138	0.0102	0.0128	0.0140	0.0162	0.0148	0.0172	0.0172
Te-127m	0.6090	0.3920	0.5433	0.6125	0.6135	0.5149	0.6631	0.6931
Te-129	0.4624	0.2937	0.4113	0.4671	0.4565	0.3746	0.4993	0.5284
Te-129m	0.4699	0.3080	0.4213	0.4724	0.4858	0.4143	0.5225	0.5410
Te-131	1.4626	1.0875	1.3566	1.4798	1.6971	1.5512	1.8068	1.8033
Te-131m	2.3290	1.6811	2.1452	2.3490	2.7255	2.4772	2.8915	2.8781
Te-132	2.2194	1.5852	2.0335	2.2420	2.4777	2.2223	2.6326	2.6672
Te-133	1.6654	1.2202	1.5402	1.6817	1.9799	1.8130	2.0981	2.0881
Te-133m	2.5754	1.8549	2.3717	2.5967	3.0320	2.7573	3.2145	3.1938
Te-134	2.5025	1.8310	2.3105	2.5291	2.9006	2.6413	3.0784	3.0812
Th-223	1.9598	1.2544	1.7416	1.9858	1.8096	1.4246	2.0128	2.1768
Th-224	0.2420	0.1654	0.2190	0.2454	0.2451	0.2067	0.2676	0.2803
Th-226	0.3055	0.1868	0.2687	0.3094	0.2662	0.1992	0.3003	0.3306
Th-227	2.5409	1.5612	2.2382	2.5755	2.2495	1.7006	2.5275	2.7737
Th-228	0.3244	0.1880	0.2818	0.3285	0.2635	0.1837	0.3023	0.3408
Th-229	3.7273	2.2638	3.2722	3.7777	3.2278	2.3969	3.6471	4.0319
Th-230	1.1430	0.8710	1.0633	1.1615	1.3376	1.2472	1.4062	1.3948
Th-231	2.5842	1.5229	2.2539	2.6144	2.1649	1.5585	2.4606	2.7431
Th-232	0.9003	0.6484	0.8335	0.9071	1.0823	0.9937	1.1390	1.1027
Th-233	0.6692	0.3887	0.5818	0.6793	0.5618	0.4015	0.6421	0.7202
Th-234	0.4517	0.2809	0.3987	0.4572	0.4037	0.3093	0.4517	0.4934

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Th-235	0.1222	0.0859	0.1116	0.1235	0.1353	0.1194	0.1453	0.1476
Th-236	0.3766	0.2442	0.3361	0.3812	0.3573	0.2869	0.3953	0.4229
Ti-44	2.3311	1.6947	2.1385	2.3628	2.5633	2.2922	2.7395	2.8013
Ti-45	0.0450	0.0220	0.0377	0.0460	0.0312	0.0171	0.0380	0.0462
Ti-51	1.0338	0.7723	0.9601	1.0458	1.2207	1.1209	1.2948	1.3002
Ti-52	1.7735	1.2587	1.6212	1.7970	1.8761	1.6385	2.0413	2.0964
Tl-190	1.9005	1.3017	1.7231	1.9256	2.0285	1.7505	2.1958	2.2678
Tl-190m	4.4324	3.0936	4.0420	4.4848	4.8992	4.3091	5.2668	5.3685
Tl-194	2.2981	1.5319	2.0675	2.3304	2.3474	1.9704	2.5635	2.6899
Tl-194m	6.3883	4.3432	5.7821	6.4703	6.7665	5.8012	7.3376	7.5930
Tl-195	3.9472	2.4516	3.4883	4.0062	3.6932	2.8913	4.1162	4.4538
Tl-196	3.4755	2.3341	3.1348	3.5199	3.6410	3.0971	3.9562	4.1081
Tl-197	2.9702	1.9000	2.6418	3.0156	2.8350	2.2704	3.1414	3.3771
Tl-198	3.8458	2.5747	3.4658	3.8950	4.0170	3.4094	4.3673	4.5394
Tl-198m	4.8784	3.2046	4.3734	4.9482	4.8904	4.0446	5.3652	5.6683
Tl-199	2.9694	1.8936	2.6383	3.0171	2.8014	2.2268	3.1113	3.3621
Tl-200	3.6993	2.4724	3.3311	3.7489	3.8176	3.2216	4.1600	4.3491
Tl-201	2.7803	1.7012	2.4447	2.8269	2.4750	1.8738	2.7883	3.0760
Tl-202	2.8122	1.8389	2.5161	2.8543	2.7756	2.2785	3.0531	3.2449
Tl-204	0.0474	0.0283	0.0414	0.0482	0.0410	0.0302	0.0465	0.0519
Tl-206m	5.6637	4.0420	5.1951	5.7353	6.3745	5.6799	6.8225	6.9183
Tl-206	0.0020	0.0013	0.0018	0.0021	0.0019	0.0014	0.0021	0.0023
Tl-207	0.0026	0.0018	0.0024	0.0026	0.0031	0.0028	0.0033	0.0032
Tl-208	2.2584	1.6089	2.0731	2.2764	2.6627	2.4104	2.8258	2.8044
Tl-209	3.3772	2.4370	3.1068	3.4138	3.8554	3.4688	4.1198	4.1407
Tl-210	3.6987	2.5575	3.3671	3.7373	4.0910	3.5839	4.3985	4.4725
Tm-161	5.4173	3.5974	4.8624	5.5020	5.5439	4.6570	6.0164	6.3168
Tm-162	2.5761	1.7256	2.3206	2.6102	2.7299	2.3318	2.9479	3.0512
Tm-163	4.2845	2.8781	3.8589	4.3475	4.4838	3.8164	4.8445	5.0461
Tm-164	1.3364	0.8621	1.1908	1.3577	1.3294	1.0908	1.4519	1.5406
Tm-165	3.4350	2.3094	3.0942	3.4900	3.5639	3.0220	3.8586	4.0379
Tm-166	3.9096	2.6043	3.5176	3.9635	4.1089	3.4908	4.4487	4.6178
Tm-167	2.5465	1.6308	2.2643	2.5921	2.4660	1.9909	2.7106	2.9107
Tm-168	4.3660	2.9631	3.9471	4.4305	4.6141	3.9521	4.9915	5.1769
Tm-170	0.1613	0.0942	0.1403	0.1645	0.1381	0.1000	0.1572	0.1767
Tm-171	0.0229	0.0139	0.0201	0.0233	0.0208	0.0159	0.0232	0.0255
Tm-172	0.8770	0.5509	0.7780	0.8900	0.8602	0.6934	0.9494	1.0104
Tm-173	1.1319	0.8112	1.0393	1.1475	1.2835	1.1502	1.3729	1.3908
Tm-174	4.9996	3.5119	4.5647	5.0702	5.5005	4.8360	5.9162	6.0573
Tm-175	1.9189	1.3487	1.7541	1.9403	2.1741	1.9337	2.3234	2.3477

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Tm-176	3.6171	2.4909	3.2849	3.6657	3.9305	3.4193	4.2360	4.3503
U-227	1.8632	1.2144	1.6643	1.8875	1.7692	1.4232	1.9545	2.0933
U-228	0.3389	0.2028	0.2966	0.3429	0.2873	0.2098	0.3257	0.3611
U-230	0.3841	0.2241	0.3343	0.3886	0.3150	0.2224	0.3601	0.4035
U-231	4.4455	2.7305	3.9132	4.4969	3.9022	2.9423	4.3826	4.8093
U-232	0.3654	0.2117	0.3175	0.3697	0.2967	0.2073	0.3401	0.3824
U-233	0.1947	0.1117	0.1688	0.1971	0.1563	0.1075	0.1798	0.2033
U-234	1.1003	0.8251	1.0209	1.1135	1.2967	1.1941	1.3618	1.3430
U-235	1.3385	1.0221	1.2449	1.3489	1.5588	1.4390	1.6416	1.6286
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	0.3029	0.1752	0.2631	0.3065	0.2452	0.1707	0.2813	0.3166
U-237	3.4175	2.2105	3.0466	3.4602	3.2349	2.5976	3.5721	3.8295
U-238	0.9590	0.7084	0.8876	0.9675	1.1338	1.0420	1.2068	1.1676
U-239	1.0206	0.6995	0.9224	1.0327	1.0406	0.8861	1.1287	1.1777
U-240	0.9562	0.5589	0.8323	0.9680	0.7934	0.5655	0.9052	1.0125
U-242	0.3102	0.2193	0.2831	0.3138	0.3341	0.2933	0.3583	0.3681
V-47	0.0182	0.0102	0.0157	0.0186	0.0154	0.0108	0.0177	0.0199
V-48	2.1330	1.4801	1.9464	2.1491	2.4836	2.2220	2.6433	2.6350
V-49	0.3464	0.1640	0.2884	0.3545	0.2281	0.1141	0.2827	0.3505
V-50	1.1879	0.7760	1.0680	1.1999	1.2804	1.0907	1.3890	1.4219
V-52	0.9165	0.6502	0.8423	0.9216	1.1116	1.0156	1.1742	1.1517
V-53	0.9768	0.6988	0.8990	0.9831	1.1788	1.0763	1.2447	1.2250
W-177	5.9481	3.8420	5.3053	6.0449	5.8159	4.7313	6.4115	6.8514
W-178	1.0230	0.5571	0.8763	1.0439	0.8051	0.5303	0.9398	1.0903
W-179	2.5023	1.4627	2.1778	2.5466	2.1659	1.5866	2.4550	2.7443
W-179m	1.4830	0.8947	1.3002	1.5102	1.3236	0.9988	1.4900	1.6500
W-181	1.5561	0.9269	1.3598	1.5849	1.3707	1.0210	1.5465	1.7210
W-185m	2.0781	1.0678	1.7589	2.1231	1.5129	0.8981	1.8136	2.1640
W-185	0.0012	0.0008	0.0011	0.0012	0.0011	0.0009	0.0013	0.0014
W-187	1.4386	0.9842	1.3038	1.4576	1.5335	1.3226	1.6598	1.7155
W-188	0.0157	0.0102	0.0140	0.0160	0.0154	0.0126	0.0170	0.0182
W-190	3.1527	1.9971	2.7978	3.2074	2.9668	2.3502	3.3002	3.5770
Xe-120	2.8589	1.9747	2.5974	2.8764	3.1198	2.7574	3.3246	3.3807
Xe-121	1.8411	1.3032	1.6846	1.8552	2.0839	1.8712	2.2159	2.2272
Xe-122	1.2771	0.8638	1.1538	1.2833	1.3662	1.1952	1.4586	1.4899
Xe-123	2.1125	1.4999	1.9340	2.1302	2.3522	2.1046	2.5082	2.5321
Xe-125	2.6178	1.8460	2.3911	2.6404	2.8918	2.5785	3.0786	3.1232
Xe-127	2.6009	1.8569	2.3837	2.6260	2.8961	2.5955	3.0832	3.1231
Xe-127m	2.1024	1.5223	1.9334	2.1251	2.3402	2.1034	2.5056	2.5309
Xe-129m	1.9681	1.3079	1.7692	1.9773	2.0705	1.7932	2.2170	2.2737

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Xe-131m	0.8583	0.5617	0.7687	0.8630	0.8852	0.7558	0.9528	0.9846
Xe-133	1.1441	0.7991	1.0399	1.1530	1.2432	1.1025	1.3262	1.3483
Xe-133m	0.9379	0.6266	0.8445	0.9436	0.9879	0.8553	1.0592	1.0879
Xe-135	1.0641	0.7970	0.9884	1.0810	1.2387	1.1335	1.3154	1.3231
Xe-135m	0.9337	0.6707	0.8585	0.9416	1.0845	0.9834	1.1507	1.1499
Xe-137	0.3311	0.2433	0.3064	0.3346	0.3934	0.3607	0.4170	0.4147
Xe-138	1.4605	1.0131	1.3300	1.4789	1.6171	1.4199	1.7398	1.7721
Y-81	2.1594	1.4970	1.9604	2.1837	2.1956	1.8670	2.3919	2.4874
Y-83	1.6168	1.0635	1.4500	1.6274	1.5862	1.3060	1.7310	1.8121
Y-83m	1.2814	0.9029	1.1703	1.2964	1.3669	1.1910	1.4730	1.5132
Y-84m	3.1406	2.2438	2.8895	3.1628	3.7371	3.3951	3.9611	3.9122
Y-85	1.1334	0.7748	1.0277	1.1430	1.1884	1.0173	1.2845	1.3221
Y-85m	1.3036	0.8832	1.1792	1.3146	1.3521	1.1483	1.4645	1.5106
Y-86	3.9353	2.7336	3.5879	3.9639	4.3938	3.8730	4.7015	4.7373
Y-86m	1.2295	0.9134	1.1389	1.2483	1.3962	1.2646	1.4879	1.5073
Y-87	2.2467	1.4847	2.0177	2.2653	2.1935	1.7985	2.4012	2.5255
Y-87m	1.0348	0.7387	0.9490	1.0459	1.1437	1.0155	1.2265	1.2462
Y-88	3.1688	2.1233	2.8608	3.1893	3.3285	2.8304	3.5995	3.6862
Y-89m	0.9398	0.6738	0.8658	0.9463	1.1286	1.0292	1.1947	1.1760
Y-90	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002
Y-90m	2.1424	1.5903	1.9857	2.1702	2.4792	2.2603	2.6339	2.6456
Y-91	0.0024	0.0017	0.0022	0.0024	0.0029	0.0027	0.0031	0.0030
Y-91m	0.9389	0.6806	0.8659	0.9473	1.1001	0.9996	1.1677	1.1640
Y-92	0.2485	0.1787	0.2290	0.2503	0.2989	0.2731	0.3162	0.3115
Y-93	0.1332	0.0981	0.1233	0.1347	0.1576	0.1442	0.1671	0.1665
Y-94	0.7323	0.5259	0.6748	0.7375	0.8820	0.8056	0.9329	0.9182
Y-95	0.5485	0.3901	0.5038	0.5516	0.6648	0.6071	0.7021	0.6884
Yb-162	2.9090	1.9479	2.6170	2.9581	2.9508	2.4721	3.2181	3.3893
Yb-163	2.3282	1.4600	2.0614	2.3677	2.2307	1.7759	2.4645	2.6526
Yb-164	1.4592	0.9234	1.2929	1.4857	1.3989	1.1190	1.5369	1.6566
Yb-165	4.1014	2.5064	3.6047	4.1772	3.7510	2.8852	4.1868	4.5886
Yb-166	2.7067	1.7244	2.4017	2.7555	2.6064	2.0951	2.8611	3.0783
Yb-167	5.5425	3.5757	4.9356	5.6404	5.3686	4.3444	5.9081	6.3385
Yb-169	5.8260	3.8476	5.2201	5.9260	5.8255	4.8298	6.3551	6.7439
Yb-175	0.2000	0.1399	0.1822	0.2031	0.2158	0.1883	0.2328	0.2402
Yb-177	0.7252	0.5075	0.6609	0.7358	0.7826	0.6828	0.8448	0.8679
Yb-178	0.1393	0.0959	0.1265	0.1413	0.1497	0.1298	0.1620	0.1675
Yb-179	1.9782	1.4129	1.8159	2.0001	2.2684	2.0360	2.4196	2.4366
Zn-60	1.2345	0.8805	1.1323	1.2485	1.4029	1.2555	1.4974	1.5143
Zn-61	0.4327	0.3075	0.3972	0.4363	0.5100	0.4615	0.5418	0.5382

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Zn-62	2.1589	1.2473	1.8760	2.1960	1.8777	1.3703	2.1374	2.3829
Zn-63	0.2426	0.1535	0.2160	0.2457	0.2448	0.2003	0.2693	0.2834
Zn-65	1.6521	0.8972	1.4171	1.6824	1.3513	0.9153	1.5683	1.7880
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zn-69m	0.9704	0.6982	0.8926	0.9826	1.1142	1.0036	1.1902	1.1995
Zn-71	0.5047	0.3695	0.4667	0.5095	0.6001	0.5494	0.6360	0.6313
Zn-71m	2.8562	2.0997	2.6439	2.8862	3.3934	3.1101	3.5982	3.5783
Zn-72	2.9368	1.7773	2.5793	2.9916	2.5947	1.9441	2.9494	3.2593
Zr-85	0.9541	0.6887	0.8785	0.9637	1.1010	0.9951	1.1724	1.1740
Zr-86	3.7659	2.5335	3.3954	3.7965	3.7158	3.0994	4.0481	4.2314
Zr-87	0.3060	0.1986	0.2735	0.3077	0.2925	0.2372	0.3208	0.3373
Zr-88	2.2794	1.5431	2.0598	2.2986	2.3004	1.9401	2.5025	2.5998
Zr-89	1.9673	1.3232	1.7774	1.9794	2.0419	1.7360	2.2100	2.2670
Zr-89m	0.9893	0.7105	0.9102	0.9974	1.1495	1.0390	1.2218	1.2190
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	0.8907	0.6444	0.8226	0.8977	1.0688	0.9768	1.1332	1.1166
Zr-97	1.0860	0.7849	1.0023	1.0947	1.2965	1.1832	1.3749	1.3576

Table 11: Glass Surface Contamination for 100x100x10 ft and 200x200x20 ft rooms

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ac-223	0.4605	0.3527	0.5623	0.6307	0.3237	0.3011	0.5412	0.6318
Ac-224	3.7256	3.3372	4.1650	4.2727	3.1519	3.1814	4.1949	4.5006
Ac-225	0.6705	0.5226	0.8059	0.8956	0.4696	0.4385	0.7753	0.8970
Ac-226	1.6240	1.4734	1.8073	1.8365	1.3875	1.4096	1.8261	1.9223
Ac-227	0.1636	0.1095	0.2126	0.2519	0.0978	0.0827	0.1983	0.2447
Ac-228	2.4857	2.2472	2.7398	2.7819	2.1206	2.1717	2.7985	2.8895
Ac-230	1.1112	0.9927	1.2310	1.2588	0.9318	0.9482	1.2559	1.2989
Ac-231	3.3197	3.1103	3.6140	3.5852	2.9724	3.0720	3.7127	3.8107
Ac-232	1.7228	1.5633	1.8870	1.9048	1.4810	1.5249	1.9481	1.9837
Ac-233	1.3528	1.2839	1.4582	1.4235	1.2548	1.3149	1.5343	1.5023
Ag-100m	2.4136	2.3832	2.5003	2.3434	2.3407	2.5112	2.7043	2.5422
Ag-101	2.2469	2.1980	2.3577	2.2381	2.1077	2.2230	2.4753	2.4051
Ag-102m	1.6376	1.6000	1.7067	1.6137	1.5544	1.6561	1.8300	1.7349
Ag-102	3.7688	3.7087	3.9141	3.6820	3.6142	3.8586	4.2016	3.9656
Ag-103	2.8523	2.7562	3.0035	2.8876	2.5838	2.6930	3.1011	3.0518
Ag-104	4.9738	4.8522	5.1851	4.9200	4.6567	4.9354	5.4849	5.2509
Ag-104m	2.0552	2.0036	2.1452	2.0358	1.9172	2.0259	2.2673	2.1679
Ag-105	3.1685	3.0467	3.3371	3.2248	2.8214	2.9315	3.4208	3.3824
Ag-105m	0.0579	0.0358	0.0790	0.0960	0.0340	0.0278	0.0735	0.0931
Ag-106	0.7176	0.6773	0.7579	0.7400	0.6088	0.6223	0.7631	0.7629
Ag-106m	6.0646	5.9226	6.3328	6.0081	5.6832	6.0133	6.6920	6.4056
Ag-108	0.0636	0.0608	0.0668	0.0645	0.0562	0.0583	0.0687	0.0677
Ag-108m	4.6828	4.5541	4.9027	4.6699	4.3459	4.5829	5.1506	4.9734
Ag-109m	0.6512	0.5963	0.6996	0.6996	0.5251	0.5275	0.6873	0.7143
Ag-110	0.0622	0.0612	0.0647	0.0609	0.0598	0.0639	0.0694	0.0659
Ag-110m	4.1547	4.1074	4.3051	4.0339	4.0454	4.3467	4.6537	4.3783
Ag-111	0.1159	0.1147	0.1217	0.1152	0.1117	0.1187	0.1287	0.1239
Ag-111m	0.3704	0.3303	0.4062	0.4149	0.2909	0.2889	0.3968	0.4187
Ag-112	0.9479	0.9376	0.9826	0.9198	0.9233	0.9904	1.0648	0.9994
Ag-113m	0.9056	0.8748	0.9626	0.9299	0.8433	0.8875	1.0069	0.9863
Ag-113	0.2559	0.2532	0.2684	0.2539	0.2468	0.2625	0.2843	0.2738
Ag-114	0.3967	0.3926	0.4121	0.3858	0.3859	0.4129	0.4448	0.4169
Ag-115	0.9269	0.9177	0.9702	0.9128	0.8954	0.9520	1.0346	0.9889
Ag-116	2.3527	2.3292	2.4387	2.2798	2.2906	2.4548	2.6409	2.4673
Ag-117	1.8756	1.8537	1.9551	1.8402	1.8100	1.9314	2.0939	1.9834
Ag-99	2.6246	2.5870	2.7437	2.5859	2.5148	2.6749	2.9179	2.7949
Al-26	1.3122	1.3015	1.3515	1.2561	1.2862	1.3863	1.4824	1.3711
Al-28	1.2775	1.2682	1.3149	1.2211	1.2532	1.3511	1.4429	1.3329
Al-29	1.3201	1.3091	1.3594	1.2702	1.2918	1.3863	1.4861	1.3801

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Am-237	3.9966	3.6012	4.4310	4.5227	3.3709	3.4129	4.4681	4.7181
Am-238	3.8106	3.4530	4.1901	4.2494	3.2442	3.3097	4.2600	4.4416
Am-239	5.0142	4.3923	5.6491	5.8821	4.0658	4.0504	5.6252	6.0841
Am-240	4.2936	3.8292	4.7611	4.8827	3.5663	3.6108	4.8028	5.0606
Am-241	1.4613	1.4536	1.5179	1.3896	1.4160	1.5088	1.6052	1.4804
Am-242	0.8794	0.7315	1.0126	1.0886	0.6481	0.6225	0.9815	1.0942
Am-242m	0.6522	0.5067	0.7783	0.8680	0.4357	0.3991	0.7371	0.8517
Am-243	1.5563	1.4356	1.6957	1.7108	1.3512	1.3820	1.7091	1.8412
Am-244	3.9679	3.4885	4.4312	4.5934	3.1938	3.1981	4.4224	4.6846
Am-244m	0.3444	0.2806	0.3999	0.4349	0.2438	0.2304	0.3837	0.4310
Am-245	0.5183	0.4647	0.5765	0.5909	0.4322	0.4352	0.5782	0.6133
Am-246	5.5611	4.8979	6.2212	6.4500	4.4756	4.4679	6.1960	6.5805
Am-246m	2.0604	1.9118	2.2256	2.2116	1.8163	1.8861	2.3027	2.3166
Am-247	1.8219	1.6581	2.0080	2.0376	1.5532	1.5776	2.0293	2.1269
Ar-37	0.0639	0.0362	0.0901	0.1121	0.0347	0.0266	0.0830	0.1080
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	1.2974	1.2865	1.3362	1.2492	1.2693	1.3618	1.4600	1.3559
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	1.5743	1.5594	1.6269	1.5189	1.5384	1.6553	1.7680	1.6527
Ar-44	2.5133	2.4968	2.6197	2.4537	2.4483	2.6177	2.8219	2.6625
As-68	3.0824	3.0459	3.1925	2.9886	3.0043	3.2307	3.4616	3.2499
As-69	0.5737	0.5211	0.6422	0.6523	0.5082	0.5217	0.6597	0.6869
As-70	4.1120	4.0262	4.2955	4.0613	3.9673	4.2469	4.6312	4.3933
As-71	2.4408	2.0537	2.8838	3.0888	1.9895	1.9720	2.8810	3.1522
As-72	1.3980	1.3194	1.5029	1.4724	1.2979	1.3720	1.5903	1.5654
As-73	2.4579	1.4674	3.3943	4.1686	1.4022	1.1235	3.1475	4.0294
As-74	1.3549	1.1748	1.5528	1.6239	1.1487	1.1645	1.5872	1.6772
As-76	0.7874	0.7788	0.8193	0.7683	0.7653	0.8177	0.8826	0.8292
As-77	0.0443	0.0432	0.0473	0.0452	0.0420	0.0442	0.0495	0.0490
As-78	1.7794	1.7602	1.8441	1.7269	1.7338	1.8601	1.9979	1.8746
As-79	0.0808	0.0800	0.0844	0.0794	0.0784	0.0838	0.0904	0.0854
At-204	6.1468	5.8349	6.6001	6.4420	5.6728	5.9448	6.9133	6.8954
At-205	3.5376	3.2257	3.8963	3.9322	3.1043	3.1898	3.9914	4.2011
At-206	6.3750	6.0641	6.8364	6.6625	5.8943	6.1815	7.1622	7.1495
At-207	5.2550	4.8686	5.7239	5.7027	4.7059	4.8795	5.9219	6.1046
At-208	7.8000	7.3334	8.4227	8.2908	7.1125	7.4309	8.7858	8.8896
At-209	7.3375	6.8082	7.9936	7.9577	6.5762	6.8162	8.2626	8.5041
At-210	6.3279	5.8764	6.8922	6.8500	5.6773	5.8834	7.1476	7.3239
At-211	1.0379	0.8815	1.1954	1.2681	0.8311	0.8182	1.1790	1.3412
At-215	0.0007	0.0007	0.0008	0.0007	0.0007	0.0007	0.0008	0.0008

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
At-216	0.0500	0.0440	0.0566	0.0588	0.0419	0.0420	0.0566	0.0626
At-217	0.0017	0.0016	0.0019	0.0019	0.0016	0.0016	0.0020	0.0021
At-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-220	2.2375	2.1631	2.3968	2.3115	2.0948	2.1959	2.5014	2.4875
Au-186	3.7732	3.5548	4.1096	4.0741	3.4456	3.5871	4.2695	4.3305
Au-187	3.4556	3.0538	3.9168	4.0746	2.9427	2.9856	3.9815	4.2511
Au-190	4.4481	4.1875	4.8250	4.7782	4.0700	4.2547	5.0363	5.0899
Au-191	4.2076	3.7742	4.7377	4.8840	3.6353	3.7033	4.8183	5.1151
Au-192	4.2014	3.9302	4.5754	4.5595	3.8155	3.9774	4.7625	4.8411
Au-193	2.9396	2.5750	3.3655	3.5387	2.4651	2.4771	3.3800	3.6915
Au-193m	2.0975	1.7840	2.4500	2.6020	1.7067	1.6895	2.4394	2.6888
Au-194	3.5093	3.2381	3.8649	3.9015	3.1330	3.2411	3.9867	4.1203
Au-195	2.7947	2.2961	3.3194	3.6233	2.1861	2.1309	3.2706	3.7216
Au-195m	2.1222	1.8058	2.4765	2.6301	1.7264	1.7099	2.4664	2.7172
Au-196	3.2765	3.0191	3.6212	3.6644	2.9150	3.0076	3.7188	3.8596
Au-196m	4.8990	4.0806	5.7807	6.2365	3.8898	3.8166	5.7245	6.3961
Au-198	1.3333	1.3098	1.4069	1.3328	1.2802	1.3584	1.4956	1.4278
Au-198m	6.5695	5.9624	7.3645	7.5196	5.7537	5.8668	7.4951	7.9603
Au-199	1.3570	1.2291	1.5255	1.5574	1.1807	1.2065	1.5498	1.6297
Au-200	0.4991	0.4904	0.5227	0.4955	0.4807	0.5119	0.5598	0.5334
Au-200m	6.8216	6.6011	7.2783	7.0102	6.4352	6.7838	7.6643	7.5035
Au-201	0.2136	0.1754	0.2532	0.2742	0.1682	0.1647	0.2514	0.2794
Au-202	0.3125	0.3076	0.3268	0.3083	0.3018	0.3219	0.3504	0.3319
Ba-124	2.2784	2.1713	2.4288	2.3721	2.0696	2.1785	2.5002	2.4888
Ba-126	2.6965	2.5882	2.8628	2.7749	2.4773	2.6131	2.9641	2.9297
Ba-127	1.3365	1.2676	1.4273	1.4009	1.2040	1.2640	1.4631	1.4670
Ba-128	1.4601	1.3653	1.5679	1.5557	1.2819	1.3407	1.5850	1.6085
Ba-129	1.5236	1.4299	1.6372	1.6206	1.3513	1.4128	1.6664	1.6837
Ba-129m	4.9176	4.7292	5.2290	5.0596	4.5687	4.8247	5.4695	5.3592
Ba-131	3.4263	3.2879	3.6396	3.5333	3.1463	3.3110	3.7655	3.7169
Ba-131m	1.7662	1.6459	1.9170	1.9118	1.5828	1.6471	1.9599	2.0250
Ba-133	3.9137	3.7356	4.1658	4.0680	3.5677	3.7519	4.2790	4.3076
Ba-133m	1.3468	1.1937	1.5094	1.5622	1.1299	1.1559	1.5083	1.5994
Ba-135m	1.1254	1.0492	1.2151	1.2105	0.9930	1.0389	1.2315	1.2560
Ba-137m	1.2589	1.2358	1.3125	1.2400	1.2114	1.2965	1.4076	1.3394
Ba-139	0.4620	0.4537	0.4910	0.4687	0.4390	0.4656	0.5138	0.4993
Ba-140	1.0545	0.9266	1.1967	1.2429	0.8887	0.9018	1.2083	1.2736
Ba-141	2.7390	2.7061	2.8754	2.7208	2.6391	2.8062	3.0524	2.9335
Ba-142	2.4650	2.4168	2.5855	2.4543	2.3578	2.5104	2.7385	2.6542

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.1341	0.1329	0.1402	0.1315	0.1301	0.1384	0.1499	0.1407
Bi-197	3.9945	3.6413	4.4032	4.4477	3.5203	3.6280	4.5307	4.7347
Bi-200	7.4078	7.0011	8.0066	7.8575	6.7969	7.0972	8.3394	8.4112
Bi-201	4.0472	3.7110	4.4429	4.4681	3.5887	3.7077	4.5843	4.7662
Bi-202	6.7675	6.4050	7.2834	7.1336	6.2325	6.5339	7.6223	7.6524
Bi-203	4.8304	4.4794	5.2610	5.2415	4.3445	4.5163	5.4646	5.6053
Bi-204	6.9002	6.4942	7.4493	7.3323	6.3143	6.6091	7.7780	7.8550
Bi-205	3.8078	3.4696	4.1989	4.2410	3.3548	3.4579	4.3268	4.5118
Bi-206	7.9325	7.4746	8.5569	8.4169	7.2669	7.6043	8.9388	9.0086
Bi-207	4.2250	3.9067	4.6163	4.6099	3.7851	3.9237	4.7803	4.9178
Bi-208	2.5575	2.2917	2.8424	2.8978	2.2179	2.2796	2.9398	3.0756
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.5004	1.4390	1.6172	1.5752	1.3961	1.4606	1.6806	1.6927
Bi-211	0.2361	0.2257	0.2538	0.2482	0.2191	0.2298	0.2648	0.2648
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	0.3516	0.2819	0.4192	0.4583	0.2680	0.2607	0.4152	0.4641
Bi-213	0.4597	0.4420	0.4913	0.4746	0.4298	0.4513	0.5157	0.5079
Bi-214	1.7529	1.7292	1.8191	1.7069	1.7027	1.8253	1.9705	1.8540
Bi-215	1.1591	1.0919	1.2559	1.2392	1.0556	1.0979	1.2981	1.3308
Bi-216	1.9752	1.9370	2.0767	1.9665	1.8948	2.0112	2.2132	2.1107
Bk-245	4.0825	3.6793	4.5211	4.6180	3.4296	3.4629	4.5470	4.8073
Bk-246	4.1318	3.6839	4.5813	4.7065	3.4187	3.4530	4.6112	4.8525
Bk-247	1.8703	1.7599	2.0216	1.9973	1.6795	1.7329	2.0657	2.1611
Bk-248m	0.9821	0.8574	1.1031	1.1515	0.7816	0.7748	1.0922	1.1762
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	1.7266	1.6202	1.8503	1.8197	1.5457	1.6168	1.9239	1.9154
Bk-251	2.2291	1.9644	2.4982	2.5976	1.8069	1.8024	2.4852	2.6559
Br-72	2.5832	2.5172	2.7077	2.5735	2.4736	2.6407	2.9071	2.7736
Br-73	1.6943	1.6196	1.8174	1.7817	1.5654	1.6436	1.9027	1.8954
Br-74	2.9222	2.8482	3.0615	2.9040	2.8022	2.9968	3.3042	3.1477
Br-74m	3.5811	3.4933	3.7486	3.5555	3.4361	3.6727	4.0412	3.8453
Br-75	2.1213	1.9902	2.3171	2.2946	1.9275	2.0035	2.3996	2.4265
Br-76	2.8974	2.6900	3.1493	3.1199	2.6213	2.7392	3.3129	3.2959
Br-76m	2.3639	1.8558	2.8169	3.1165	1.6876	1.6108	2.7369	3.1191
Br-77	2.1822	1.7618	2.6067	2.8387	1.6634	1.6064	2.5697	2.8778
Br-77m	1.0847	0.8031	1.3379	1.5128	0.7204	0.6524	1.2802	1.5129
Br-78	0.2624	0.2294	0.2973	0.3082	0.2210	0.2242	0.3041	0.3194
Br-80	0.1754	0.1492	0.2021	0.2133	0.1430	0.1431	0.2046	0.2193
Br-80m	2.1795	1.6450	2.6482	2.9700	1.4710	1.3628	2.5370	2.9625

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Br-82m	0.9130	0.6231	1.1658	1.3595	0.5412	0.4589	1.0936	1.3345
Br-82	4.2251	4.1783	4.3832	4.1091	4.1128	4.4115	4.7328	4.4506
Br-83	0.0168	0.0165	0.0176	0.0166	0.0162	0.0172	0.0188	0.0178
Br-84m	3.9216	3.8832	4.0712	3.8115	3.8205	4.0962	4.3979	4.1218
Br-84	1.4249	1.4113	1.4705	1.3714	1.3938	1.5038	1.6009	1.4951
Br-85	0.0938	0.0928	0.0972	0.0910	0.0914	0.0984	0.1049	0.0988
C-10	1.2639	1.2489	1.3108	1.2297	1.2301	1.3216	1.4151	1.3338
C-11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-41	0.1141	0.0646	0.1610	0.2002	0.0620	0.0475	0.1481	0.1928
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	1.1418	1.1319	1.1777	1.1015	1.1161	1.1970	1.2837	1.1940
Ca-49	1.2465	1.2356	1.2764	1.1816	1.2276	1.3473	1.4120	1.3020
Cd-101	3.1560	3.0753	3.2954	3.1324	2.9495	3.1162	3.4720	3.3800
Cd-102	2.8562	2.7521	3.0032	2.8845	2.5782	2.6911	3.1031	3.0321
Cd-103	2.7501	2.6503	2.8750	2.7520	2.4913	2.6160	3.0000	2.9064
Cd-104	2.7293	2.5927	2.8766	2.7973	2.3718	2.4427	2.9009	2.9612
Cd-105	1.9720	1.8929	2.0657	1.9851	1.7660	1.8468	2.1404	2.0872
Cd-107	1.9093	1.7609	2.0352	2.0213	1.5389	1.5490	1.9990	2.0566
Cd-109	1.7877	1.6453	1.9080	1.8981	1.4364	1.4439	1.8719	1.9293
Cd-111m	2.4860	2.4192	2.6408	2.5250	2.2973	2.4031	2.7264	2.6912
Cd-113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0012	0.0011	0.0013	0.0013	0.0010	0.0010	0.0013	0.0013
Cd-115	0.5548	0.5459	0.5805	0.5474	0.5299	0.5619	0.6160	0.5841
Cd-115m	0.0441	0.0437	0.0457	0.0427	0.0430	0.0462	0.0494	0.0464
Cd-117	1.8768	1.8545	1.9563	1.8411	1.8124	1.9330	2.0922	1.9912
Cd-117m	2.1053	2.0854	2.1767	2.0324	2.0554	2.2090	2.3641	2.2114
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	2.2326	2.2099	2.3211	2.1800	2.1656	2.3165	2.4954	2.3589
Cd-119m	2.5050	2.4792	2.5921	2.4235	2.4403	2.6203	2.8098	2.6349
Ce-130	3.3842	3.2356	3.6035	3.5149	3.1104	3.2805	3.7303	3.7128
Ce-131	3.5473	3.3931	3.7850	3.6775	3.2827	3.4637	3.9542	3.8950
Ce-132	3.1527	3.0347	3.3652	3.2689	2.9132	3.0721	3.4822	3.4583
Ce-133	3.0274	2.8621	3.2330	3.1814	2.7389	2.8807	3.3083	3.3905
Ce-133m	4.9663	4.8043	5.2347	5.0412	4.6491	4.9365	5.4972	5.3557
Ce-134	1.2510	1.1525	1.3524	1.3594	1.0871	1.1389	1.3641	1.4053
Ce-135	3.6600	3.5268	3.8813	3.7514	3.4057	3.6052	4.0473	3.9868
Ce-137	1.4715	1.2937	1.6484	1.7152	1.2224	1.2536	1.6417	1.7517
Ce-137m	1.1057	1.0234	1.1970	1.1975	0.9741	1.0215	1.2151	1.2513
Ce-139	2.6224	2.5004	2.8143	2.7545	2.3946	2.5241	2.8961	2.8932

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ce-141	1.0486	1.0209	1.1126	1.0698	0.9889	1.0475	1.1627	1.1380
Ce-143	2.0529	1.9665	2.1792	2.1248	1.8946	2.0093	2.2615	2.2536
Ce-144	0.3429	0.3291	0.3645	0.3549	0.3179	0.3354	0.3782	0.3779
Ce-145	3.1535	3.0261	3.3348	3.2354	2.9253	3.1102	3.4862	3.4418
Cf-244	0.2331	0.1858	0.2735	0.3010	0.1589	0.1474	0.2598	0.2960
Cf-246	0.1600	0.1277	0.1876	0.2064	0.1092	0.1014	0.1782	0.2030
Cf-247	3.3081	2.8216	3.7696	3.9981	2.5542	2.4986	3.6984	4.0477
Cf-248	0.1915	0.1530	0.2244	0.2467	0.1309	0.1216	0.2133	0.2427
Cf-249	1.7912	1.6674	1.9483	1.9391	1.5780	1.6282	1.9997	2.0227
Cf-250	0.1604	0.1308	0.1862	0.2023	0.1136	0.1075	0.1787	0.2004
Cf-251	2.4820	2.2094	2.7697	2.8558	2.0420	2.0474	2.7680	2.9460
Cf-252	0.8062	0.7698	0.8580	0.8333	0.7401	0.7776	0.9004	0.8838
Cf-253	0.5095	0.4061	0.5999	0.6621	0.3521	0.3289	0.5703	0.6495
Cf-254	24.2963	24.0398	25.2782	23.7418	23.5654	25.2091	27.1522	25.7158
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0001
Cl-34m	1.5360	1.5229	1.5980	1.4966	1.4970	1.6058	1.7260	1.6232
Cl-36	0.0009	0.0005	0.0013	0.0016	0.0005	0.0004	0.0012	0.0015
Cl-38	0.9453	0.9384	0.9724	0.9023	0.9278	1.0006	1.0688	0.9872
Cl-39	1.9378	1.9225	2.0164	1.8871	1.8892	2.0175	2.1736	2.0544
Cl-40	2.4911	2.4703	2.5625	2.3832	2.4434	2.6395	2.8128	2.6052
Cm-238	2.0198	1.7977	2.2487	2.3167	1.6678	1.6739	2.2512	2.4087
Cm-239	3.9621	3.6542	4.3460	4.3693	3.4423	3.5183	4.4202	4.5857
Cm-240	0.2646	0.2076	0.3130	0.3472	0.1768	0.1625	0.2966	0.3408
Cm-241	4.7310	4.1726	5.3046	5.4941	3.8691	3.8738	5.3091	5.6469
Cm-242	0.2375	0.1863	0.2810	0.3117	0.1586	0.1458	0.2663	0.3060
Cm-243	2.5088	2.1685	2.8542	2.9990	2.0048	1.9844	2.8301	3.0829
Cm-244	0.2039	0.1599	0.2413	0.2677	0.1362	0.1252	0.2287	0.2627
Cm-245	2.6653	2.3397	2.9952	3.1141	2.1617	2.1556	2.9836	3.2213
Cm-246	0.1678	0.1327	0.1978	0.2185	0.1136	0.1052	0.1881	0.2149
Cm-247	1.1434	1.1220	1.2070	1.1450	1.0932	1.1584	1.2795	1.2267
Cm-248	2.0465	1.9936	2.1510	2.0510	1.9388	2.0587	2.2876	2.2011
Cm-249	0.2488	0.1639	0.3305	0.3938	0.1577	0.1363	0.3124	0.3854
Cm-250	19.1945	18.9858	19.9744	18.7665	18.6087	19.9039	21.4516	20.3235
Cm-251	0.5064	0.4702	0.5502	0.5482	0.4461	0.4599	0.5657	0.5729
Co-54m	3.8857	3.8488	4.0312	3.7738	3.7876	4.0578	4.3627	4.0840
Co-55	1.8137	1.7488	1.9204	1.8447	1.7212	1.8304	2.0499	1.9774
Co-56	3.6323	3.4414	3.8871	3.7911	3.3914	3.5921	4.1435	4.0446
Co-57	2.5339	2.1206	2.9752	3.1997	2.0432	2.0108	2.9665	3.2646
Co-58	1.6639	1.4812	1.8678	1.9191	1.4542	1.5002	1.9290	1.9965

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Co-58m	0.4576	0.2592	0.6451	0.8023	0.2488	0.1905	0.5938	0.7727
Co-60	2.6324	2.6094	2.7137	2.5363	2.5744	2.7644	2.9591	2.7550
Co-60m	0.5341	0.3162	0.7411	0.9125	0.3036	0.2419	0.6868	0.8819
Co-61	1.3108	1.2889	1.3838	1.3432	1.2389	1.3072	1.4450	1.4622
Co-62	1.5259	1.5124	1.5734	1.4687	1.4928	1.6053	1.7153	1.5993
Co-62m	2.7108	2.6868	2.7961	2.6106	2.6513	2.8504	3.0460	2.8407
Cr-48	3.1915	3.0481	3.4379	3.3684	2.9784	3.1169	3.5862	3.6123
Cr-49	1.5350	1.5111	1.6199	1.5472	1.4725	1.5556	1.6956	1.7094
Cr-51	0.3971	0.2835	0.5097	0.5914	0.2744	0.2502	0.4894	0.5846
Cr-55	0.0006	0.0006	0.0006	0.0005	0.0006	0.0006	0.0006	0.0006
Cr-56	2.3002	2.1536	2.4818	2.4553	2.0546	2.1203	2.5087	2.6744
Cs-121	1.1794	1.1536	1.2451	1.1876	1.1143	1.1802	1.3050	1.2681
Cs-121m	2.1973	2.1477	2.3246	2.2225	2.0726	2.1905	2.4345	2.3714
Cs-123	1.8440	1.7789	1.9455	1.8751	1.7067	1.8015	2.0201	2.0050
Cs-124	0.5967	0.5843	0.6258	0.5955	0.5667	0.6029	0.6613	0.6350
Cs-125	1.6011	1.5354	1.6929	1.6385	1.4639	1.5435	1.7529	1.7218
Cs-126	1.0210	0.9963	1.0741	1.0233	0.9638	1.0231	1.1315	1.0875
Cs-127	2.5545	2.4518	2.7067	2.6204	2.3356	2.4603	2.7983	2.7474
Cs-128	0.8203	0.7888	0.8676	0.8373	0.7532	0.7947	0.9004	0.8785
Cs-129	2.5925	2.4633	2.7557	2.6915	2.3246	2.4428	2.8192	2.8014
Cs-130m	2.2752	2.1099	2.4632	2.4657	2.0011	2.0807	2.4874	2.5918
Cs-130	0.7545	0.7061	0.8058	0.7965	0.6576	0.6873	0.8134	0.8198
Cs-131	1.2116	1.1255	1.2986	1.2919	1.0416	1.0851	1.3012	1.3231
Cs-132	2.5119	2.4112	2.6481	2.5569	2.3072	2.4429	2.7587	2.6970
Cs-134	2.8372	2.8040	2.9459	2.7642	2.7590	2.9590	3.1760	2.9912
Cs-134m	0.9450	0.8057	1.0871	1.1546	0.7627	0.7637	1.0762	1.1689
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	2.5439	2.5113	2.6363	2.4761	2.4723	2.6601	2.8405	2.6786
Cs-136	4.0216	3.9696	4.1893	3.9490	3.8923	4.1682	4.4837	4.2702
Cs-137	1.5648	1.5556	1.6557	1.5012	1.5235	1.6212	1.7407	1.6294
Cs-138m	1.5455	1.4703	1.6511	1.6140	1.4084	1.4805	1.7096	1.6950
Cs-138	2.5804	2.5560	2.6718	2.4974	2.5171	2.7010	2.8985	2.7082
Cs-139	0.2632	0.2609	0.2714	0.2532	0.2574	0.2768	0.2964	0.2757
Cs-140	1.7341	1.7170	1.7936	1.6747	1.6931	1.8205	1.9505	1.8228
Cu-57	0.1357	0.1341	0.1405	0.1316	0.1323	0.1422	0.1523	0.1430
Cu-59	0.6605	0.6495	0.6894	0.6514	0.6386	0.6824	0.7418	0.7018
Cu-60	2.6277	2.5843	2.7271	2.5650	2.5505	2.7370	2.9666	2.7800
Cu-61	0.7443	0.6337	0.8667	0.9209	0.6174	0.6185	0.8743	0.9472
Cu-62	0.0215	0.0155	0.0274	0.0316	0.0150	0.0139	0.0266	0.0314
Cu-64	0.2799	0.1610	0.3924	0.4861	0.1547	0.1203	0.3622	0.4688

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Cu-66	0.1283	0.1270	0.1328	0.1241	0.1253	0.1349	0.1436	0.1351
Cu-67	1.2568	1.1939	1.3701	1.3488	1.1622	1.2085	1.4183	1.4519
Cu-69	0.7621	0.7541	0.7898	0.7390	0.7430	0.7987	0.8529	0.8021
Dy-148	2.5911	2.4496	2.7702	2.7310	2.3896	2.5335	2.9052	2.8834
Dy-149	4.0854	3.8761	4.3566	4.2811	3.7850	4.0164	4.5739	4.5416
Dy-150	1.7063	1.6140	1.8333	1.8095	1.5698	1.6589	1.9115	1.9004
Dy-151	3.8378	3.6017	4.1400	4.1054	3.5125	3.7027	4.3271	4.3151
Dy-152	2.7018	2.5594	2.9179	2.8796	2.4846	2.6138	3.0187	3.0494
Dy-153	5.0382	4.7250	5.4324	5.4105	4.5933	4.8423	5.6333	5.7031
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	3.3810	3.2107	3.6308	3.5771	3.1201	3.2925	3.7812	3.7853
Dy-157	2.7727	2.6209	2.9768	2.9538	2.5454	2.6909	3.0931	3.1005
Dy-159	1.6541	1.4927	1.8185	1.8757	1.4423	1.5110	1.8545	1.9317
Dy-165m	0.4753	0.3573	0.5911	0.6729	0.3456	0.3271	0.5736	0.6699
Dy-165	0.2691	0.2502	0.2922	0.2943	0.2434	0.2554	0.3018	0.3091
Dy-166	1.2988	1.1406	1.4652	1.5421	1.1046	1.1331	1.4787	1.5872
Dy-167	2.2130	2.1340	2.3603	2.2897	2.0821	2.2009	2.4797	2.4357
Dy-168	2.2026	2.0858	2.3800	2.3514	2.0295	2.1312	2.4820	2.4715
Er-154	2.0346	1.7884	2.2810	2.3910	1.6992	1.7421	2.2882	2.4205
Er-156	2.5976	2.1572	3.0352	3.2983	2.0736	2.0775	3.0103	3.3192
Er-159	3.1779	2.9934	3.4229	3.3968	2.9193	3.0794	3.5806	3.5673
Er-161	3.3903	3.1629	3.6718	3.6756	3.0843	3.2470	3.8247	3.8436
Er-163	1.3938	1.2482	1.5460	1.6116	1.2075	1.2575	1.5752	1.6422
Er-165	1.3505	1.2056	1.5014	1.5684	1.1662	1.2129	1.5280	1.5970
Er-167m	1.0979	1.0086	1.2207	1.2413	0.9773	1.0073	1.2518	1.2953
Er-169	0.0132	0.0075	0.0186	0.0231	0.0072	0.0055	0.0171	0.0223
Er-171	2.8084	2.6613	3.0333	3.0081	2.5915	2.7196	3.1557	3.1669
Er-172	2.5471	2.3947	2.7564	2.7478	2.3324	2.4519	2.8767	2.8671
Er-173	4.2689	4.0789	4.5911	4.5115	3.9729	4.1742	4.8012	4.7816
Es-249	3.4467	3.1546	3.7761	3.8154	2.9559	3.0162	3.8319	3.9613
Es-250	10.5246	9.3164	11.7295	12.1368	8.5562	8.5731	11.6958	12.4045
Es-250m	3.0769	2.7965	3.3758	3.4256	2.6095	2.6556	3.4176	3.5504
Es-251	2.9273	2.5322	3.3113	3.4856	2.3064	2.2759	3.2669	3.5376
Es-253	0.0626	0.0496	0.0740	0.0818	0.0429	0.0399	0.0704	0.0804
Es-254	2.2287	1.7060	2.6902	3.0263	1.4838	1.3544	2.5452	2.9634
Es-254m	1.6697	1.5249	1.8212	1.8351	1.4269	1.4640	1.8573	1.8980
Es-255	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0011	0.0010
Es-256	0.3108	0.2558	0.3584	0.3880	0.2214	0.2104	0.3425	0.3825
Eu-142	0.3533	0.3424	0.3698	0.3535	0.3358	0.3598	0.3951	0.3807
Eu-142m	4.6297	4.4812	4.8860	4.6785	4.4041	4.6916	5.2111	5.0202

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Eu-143	0.7158	0.6806	0.7584	0.7392	0.6635	0.7070	0.7979	0.7913
Eu-144	0.3185	0.3030	0.3369	0.3279	0.2955	0.3154	0.3556	0.3507
Eu-145	2.8135	2.6852	2.9766	2.8909	2.6202	2.7961	3.1349	3.0943
Eu-146	4.7101	4.5641	4.9421	4.7304	4.4710	4.7819	5.2638	5.0917
Eu-147	2.9745	2.8157	3.1776	3.1234	2.7309	2.8915	3.3031	3.3298
Eu-148	5.4611	5.3024	5.7398	5.4864	5.1881	5.5341	6.1021	5.8919
Eu-149	1.5728	1.3959	1.7479	1.8061	1.3417	1.3934	1.7656	1.8805
Eu-150	5.1614	5.0075	5.4432	5.2257	4.8860	5.2015	5.7516	5.5893
Eu-150m	0.2435	0.2306	0.2599	0.2552	0.2237	0.2374	0.2704	0.2711
Eu-152	3.4448	3.3061	3.6474	3.5353	3.2248	3.4280	3.8384	3.7831
Eu-152m	0.9576	0.9122	1.0163	0.9909	0.8891	0.9460	1.0654	1.0585
Eu-152n	1.8216	1.6099	2.0575	2.1355	1.5660	1.5914	2.0709	2.2825
Eu-154	2.7736	2.6902	2.9223	2.8062	2.6369	2.8035	3.1062	3.0105
Eu-154m	2.1710	1.8744	2.4896	2.6349	1.8052	1.8233	2.4908	2.7357
Eu-155	1.2683	1.1955	1.3667	1.3530	1.1655	1.2196	1.4083	1.4741
Eu-156	1.6568	1.6042	1.7426	1.6696	1.5771	1.6813	1.8631	1.8025
Eu-157	2.3488	2.1663	2.5702	2.5991	2.0971	2.1927	2.6478	2.7136
Eu-158	2.2317	2.1398	2.3669	2.2904	2.1010	2.2334	2.5083	2.4620
Eu-159	2.6664	2.4985	2.8696	2.8627	2.4194	2.5504	2.9642	3.0343
F-17	0.0004	0.0004	0.0005	0.0004	0.0004	0.0005	0.0005	0.0005
F-18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-52	1.7535	1.6700	1.9180	1.8840	1.6223	1.6951	1.9895	1.9892
Fe-53	0.5884	0.5781	0.6207	0.5894	0.5653	0.6006	0.6596	0.6310
Fe-53m	3.7554	3.7169	3.8837	3.6327	3.6654	3.9403	4.2134	3.9498
Fe-55	0.3792	0.2146	0.5348	0.6653	0.2060	0.1577	0.4922	0.6407
Fe-59	1.3952	1.3826	1.4416	1.3484	1.3630	1.4633	1.5657	1.4650
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	1.8789	1.8613	1.9481	1.8258	1.8317	1.9644	2.1034	1.9830
Fe-62	1.2755	1.2635	1.3319	1.2487	1.2379	1.3168	1.4257	1.3355
Fm-251	2.5912	2.2754	2.9172	3.0411	2.1136	2.1107	2.9085	3.1092
Fm-252	0.1642	0.1337	0.1903	0.2072	0.1149	0.1082	0.1814	0.2041
Fm-253	2.4828	2.1050	2.8363	3.0236	1.8903	1.8413	2.7673	3.0343
Fm-254	0.1756	0.1447	0.2023	0.2188	0.1256	0.1194	0.1941	0.2164
Fm-255	1.7917	1.4144	2.1198	2.3505	1.2205	1.1315	2.0115	2.3049
Fm-256	18.0899	17.8920	18.8259	17.6884	17.5337	18.7527	20.2144	19.1529
Fm-257	2.8418	2.5059	3.1825	3.3052	2.2956	2.2879	3.1604	3.3770
Fr-212	3.9218	3.5416	4.3523	4.4271	3.3809	3.4471	4.4382	4.6771
Fr-219	0.0176	0.0168	0.0190	0.0185	0.0162	0.0169	0.0197	0.0198
Fr-220	0.3734	0.2973	0.4452	0.4891	0.2735	0.2600	0.4318	0.4987
Fr-221	0.2784	0.2613	0.3046	0.3019	0.2505	0.2580	0.3126	0.3232

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Fr-222	1.9652	1.7507	2.2069	2.2748	1.6386	1.6470	2.2200	2.3620
Fr-223	1.6014	1.3837	1.8096	1.9135	1.2838	1.2871	1.7998	1.9473
Fr-224	1.9186	1.7877	2.0902	2.0799	1.7097	1.7667	2.1580	2.1954
Fr-227	3.0904	2.8632	3.3738	3.3743	2.7383	2.8207	3.4574	3.6084
Ga-64	1.9162	1.8896	1.9843	1.8586	1.8666	2.0116	2.1573	2.0234
Ga-65	1.9138	1.7152	2.1559	2.2227	1.6706	1.7055	2.2024	2.3225
Ga-66	1.6165	1.4429	1.8073	1.8470	1.4209	1.4717	1.8843	1.9349
Ga-67	2.4263	1.9279	2.9514	3.2623	1.8734	1.8042	2.8973	3.3314
Ga-68	0.1410	0.1003	0.1807	0.2093	0.0975	0.0893	0.1744	0.2074
Ga-70	0.0172	0.0155	0.0193	0.0198	0.0152	0.0156	0.0199	0.0206
Ga-72	2.8674	2.8354	2.9664	2.7748	2.7971	3.0100	3.2200	3.0184
Ga-73	2.7869	2.2423	3.3601	3.6949	2.1720	2.1145	3.3184	3.7323
Ga-74	3.1757	3.1444	3.2867	3.0692	3.0999	3.3296	3.5733	3.3396
Gd-142	1.5897	1.5232	1.6890	1.6421	1.4834	1.5754	1.7734	1.7511
Gd-143m	4.0754	3.9273	4.3200	4.1747	3.8314	4.0710	4.5459	4.4733
Gd-144	1.1467	1.0773	1.2264	1.2125	1.0473	1.1117	1.2792	1.2851
Gd-145m	1.6379	1.5053	1.7955	1.8026	1.4702	1.5349	1.8680	1.8917
Gd-145	2.4158	2.3237	2.5406	2.4474	2.2766	2.4364	2.7086	2.6266
Gd-146	5.1348	4.8376	5.5140	5.4585	4.6915	4.9537	5.7039	5.7937
Gd-147	4.8542	4.6847	5.1461	4.9690	4.5665	4.8513	5.4135	5.3197
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	3.7491	3.5713	4.0066	3.9260	3.4681	3.6760	4.1722	4.1629
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	1.8531	1.6392	2.0723	2.1517	1.5774	1.6310	2.0926	2.2280
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	2.8243	2.6273	3.0459	3.0447	2.5468	2.6848	3.1321	3.2478
Gd-159	0.5171	0.4841	0.5579	0.5582	0.4694	0.4954	0.5778	0.5830
Gd-162	1.4804	1.4186	1.5897	1.5416	1.3857	1.4588	1.6722	1.6333
Ge-66	3.1212	2.6468	3.6383	3.8801	2.5666	2.5685	3.6490	3.9736
Ge-67	1.7979	1.7516	1.9239	1.8473	1.7074	1.8060	2.0245	1.9712
Ge-68	0.9325	0.5289	1.3135	1.6328	0.5071	0.3886	1.2091	1.5728
Ge-69	1.6904	1.3652	2.0224	2.2082	1.3341	1.3107	2.0224	2.2407
Ge-71	0.9458	0.5365	1.3322	1.6561	0.5143	0.3942	1.2264	1.5952
Ge-75	0.1897	0.1877	0.2010	0.1900	0.1829	0.1932	0.2113	0.2065
Ge-77	3.2470	3.2068	3.4217	3.2344	3.1323	3.3216	3.6315	3.5005
Ge-78	1.4103	1.3979	1.4888	1.4064	1.3630	1.4441	1.5681	1.5253
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	1.9369	1.8088	2.1144	2.1316	1.7535	1.8327	2.1868	2.2177
Hf-169	2.8325	2.6367	3.0956	3.1157	2.5594	2.6695	3.2096	3.2338
Hf-170	4.0737	3.6700	4.5630	4.7140	3.5570	3.6609	4.6658	4.8640

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Hf-172	3.6390	3.0955	4.2128	4.5283	2.9590	2.9638	4.2027	4.5813
Hf-173	4.6264	4.3361	5.0408	5.0577	4.2092	4.3891	5.2209	5.2845
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	3.0271	2.7919	3.3321	3.3908	2.7052	2.8147	3.4334	3.5129
Hf-177m	15.7915	14.9391	17.1838	17.0373	14.5099	15.1464	17.8394	17.9912
Hf-178m	11.1295	10.5605	12.0663	11.8786	10.2893	10.7476	12.5694	12.6406
Hf-179m	6.7481	6.2567	7.4417	7.4999	6.0720	6.2951	7.6800	7.8311
Hf-180m	5.8123	5.5132	6.3040	6.2321	5.3568	5.6004	6.5613	6.5828
Hf-181	2.8429	2.6745	3.0959	3.0737	2.6031	2.7123	3.2226	3.2232
Hf-182	1.5986	1.5411	1.7233	1.6757	1.4983	1.5719	1.7946	1.7913
Hf-182m	5.1244	4.7618	5.6290	5.6615	4.6254	4.8077	5.8213	5.9340
Hf-183	2.4616	2.3721	2.6195	2.5469	2.3135	2.4442	2.7542	2.7364
Hf-184	3.5183	2.8643	4.2116	4.6100	2.7686	2.7114	4.1687	4.6595
Hg-190	3.9366	3.4532	4.4988	4.7102	3.3115	3.3318	4.5239	4.9047
Hg-191m	5.9406	5.4335	6.5981	6.6805	5.2622	5.4121	6.7739	7.0590
Hg-192	3.9251	3.4186	4.5060	4.7384	3.2753	3.2834	4.5158	4.9434
Hg-193	3.8540	3.4042	4.3706	4.5447	3.2747	3.3166	4.4269	4.7573
Hg-193m	3.5248	3.2221	3.9025	3.9536	3.1185	3.2123	4.0161	4.1757
Hg-194	0.5515	0.3352	0.7513	0.9151	0.3092	0.2462	0.6957	0.8864
Hg-195	2.6609	2.2051	3.1383	3.4020	2.0982	2.0552	3.1022	3.5028
Hg-195m	3.0476	2.3922	3.7090	4.1216	2.2678	2.1585	3.6154	4.1762
Hg-197	2.4779	2.0307	2.9411	3.2080	1.9310	1.8766	2.8884	3.3151
Hg-197m	2.2829	1.8634	2.7176	2.9631	1.7743	1.7224	2.6769	3.0279
Hg-199m	2.7876	2.4406	3.1919	3.3380	2.3372	2.3522	3.2054	3.4763
Hg-203	1.4668	1.4089	1.5805	1.5380	1.3668	1.4299	1.6417	1.6541
Hg-205	0.0516	0.0488	0.0564	0.0558	0.0471	0.0486	0.0582	0.0598
Hg-206	0.7079	0.6702	0.7664	0.7568	0.6493	0.6775	0.7941	0.8083
Hg-207	3.8453	3.7322	4.0556	3.8811	3.6562	3.8868	4.3236	4.1859
Ho-150	2.0043	1.9578	2.0953	1.9939	1.9241	2.0616	2.2433	2.1421
Ho-153	2.7027	2.5876	2.8846	2.8245	2.5204	2.6677	3.0199	2.9932
Ho-153m	3.2100	3.0474	3.4528	3.4017	2.9682	3.1286	3.6004	3.5962
Ho-154m	6.1764	6.0286	6.5103	6.2282	5.8938	6.2684	6.9065	6.6386
Ho-154	3.2341	3.1494	3.4074	3.2706	3.0801	3.2805	3.6155	3.4894
Ho-155	2.8644	2.6446	3.1342	3.1662	2.5680	2.6852	3.2302	3.3036
Ho-156	4.7214	4.5438	5.0259	4.8805	4.4372	4.6999	5.2922	5.1913
Ho-157	4.3160	4.0188	4.6883	4.7123	3.8987	4.0941	4.8439	4.9205
Ho-159	4.7916	4.4807	5.1920	5.2034	4.3507	4.5679	5.3690	5.4445
Ho-160	4.9080	4.6500	5.2549	5.1705	4.5455	4.8122	5.5149	5.4785
Ho-161	2.2456	1.9877	2.5053	2.6099	1.8936	1.9482	2.5205	2.6630
Ho-162	1.8424	1.6458	2.0475	2.1286	1.5939	1.6552	2.0829	2.1920

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ho-162m	3.2980	2.9646	3.6772	3.7923	2.8775	2.9763	3.7597	3.9219
Ho-163	0.0152	0.0086	0.0215	0.0267	0.0083	0.0063	0.0197	0.0257
Ho-164	1.0465	0.9285	1.1683	1.2218	0.8982	0.9308	1.1851	1.2522
Ho-164m	2.1056	1.7242	2.4830	2.7247	1.6629	1.6573	2.4591	2.7332
Ho-166	0.4092	0.3416	0.4789	0.5188	0.3317	0.3306	0.4760	0.5321
Ho-166m	5.1788	4.9723	5.5412	5.3896	4.8597	5.1314	5.8292	5.7451
Ho-167	1.9714	1.8935	2.1103	2.0628	1.8449	1.9464	2.2095	2.1838
Ho-168	1.9741	1.8712	2.1190	2.0788	1.8351	1.9377	2.2312	2.2121
Ho-168m	0.4442	0.3248	0.5593	0.6460	0.3133	0.2931	0.5391	0.6365
Ho-170	4.6997	4.4781	5.0439	4.9375	4.3806	4.6227	5.2934	5.2553
I-118m	5.5570	5.4796	5.7812	5.4365	5.3704	5.7441	6.2116	5.8712
I-118	1.9095	1.8821	1.9860	1.8673	1.8439	1.9714	2.1351	2.0154
I-119	2.2044	2.1447	2.3353	2.2321	2.0512	2.1586	2.4196	2.3809
I-120	2.4673	2.4202	2.5675	2.4212	2.3574	2.5177	2.7496	2.6003
I-120m	4.8747	4.8002	5.0732	4.7732	4.6963	5.0175	5.4461	5.1439
I-121	2.7067	2.6158	2.8702	2.7661	2.4759	2.5938	2.9561	2.9209
I-122	0.5681	0.5462	0.5980	0.5752	0.5190	0.5472	0.6210	0.6041
I-123	2.7863	2.6801	2.9626	2.8628	2.5274	2.6562	3.0364	2.9884
I-124	2.2063	2.1275	2.3165	2.2212	2.0309	2.1483	2.4212	2.3453
I-125	2.3989	2.2353	2.5573	2.5259	2.0421	2.1180	2.5517	2.5798
I-126	1.6319	1.5769	1.7180	1.6475	1.5062	1.5920	1.7914	1.7383
I-128	0.2711	0.2634	0.2855	0.2726	0.2525	0.2668	0.2986	0.2875
I-129	1.2596	1.1767	1.3437	1.3304	1.0924	1.1430	1.3511	1.3694
I-130m	0.5693	0.5204	0.6238	0.6280	0.4935	0.5095	0.6341	0.6470
I-130	4.2746	4.2262	4.4471	4.1728	4.1530	4.4444	4.7858	4.5068
I-131	1.6754	1.6593	1.7485	1.6398	1.6278	1.7266	1.8526	1.7393
I-132	3.7963	3.7527	3.9391	3.6942	3.6938	3.9641	4.2513	4.0038
I-132m	1.4710	1.3633	1.5983	1.5921	1.2976	1.3465	1.6386	1.6609
I-133	1.3480	1.3340	1.4050	1.3177	1.3085	1.3954	1.5077	1.4156
I-134m	2.6341	2.5326	2.7927	2.7020	2.4018	2.5265	2.8685	2.8450
I-134	3.9753	3.9308	4.1232	3.8651	3.8689	4.1560	4.4462	4.1878
I-135	1.7634	1.7473	1.8232	1.7044	1.7216	1.8482	1.9800	1.8507
In-103	3.0174	2.9791	3.1486	2.9659	2.9022	3.0942	3.3643	3.2028
In-105	2.8675	2.8094	3.0004	2.8468	2.7095	2.8687	3.1695	3.0477
In-106	4.8027	4.7332	4.9915	4.6906	4.6337	4.9610	5.3573	5.0716
In-106m	2.2036	2.1717	2.2847	2.1429	2.1278	2.2812	2.4679	2.3242
In-107	2.8206	2.7440	2.9606	2.8253	2.6082	2.7441	3.0954	3.0031
In-108	6.6456	6.5172	6.9260	6.5413	6.3200	6.7318	7.3712	7.0376
In-108m	2.5417	2.4800	2.6447	2.5020	2.3907	2.5448	2.8158	2.6834
In-109	3.1128	3.0093	3.2841	3.1566	2.8246	2.9477	3.3874	3.3398

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
In-109m	1.2591	1.2395	1.3097	1.2324	1.2133	1.2978	1.4071	1.3337
In-110	6.2210	6.0739	6.4831	6.1410	5.8638	6.2409	6.8753	6.5771
In-110m	1.8973	1.8460	1.9802	1.8810	1.7724	1.8798	2.0942	2.0100
In-111	4.1743	4.0539	4.4289	4.2430	3.8227	3.9950	4.5589	4.4958
In-111m	1.2605	1.2387	1.3174	1.2426	1.2022	1.2758	1.3998	1.3253
In-112	0.4996	0.4675	0.5292	0.5190	0.4191	0.4292	0.5287	0.5320
In-112m	1.1465	1.0774	1.2184	1.1919	0.9751	1.0045	1.2177	1.2216
In-113m	1.2689	1.2313	1.3370	1.2769	1.1703	1.2316	1.3915	1.3462
In-114	0.0088	0.0083	0.0092	0.0090	0.0076	0.0078	0.0094	0.0093
In-114m	0.9468	0.8931	1.0099	0.9881	0.8219	0.8487	1.0204	1.0232
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	1.1912	1.1456	1.2557	1.2118	1.0730	1.1233	1.2892	1.2668
In-116m	2.8517	2.8252	2.9495	2.7588	2.7826	2.9852	3.2015	2.9920
In-117	2.8315	2.7982	2.9795	2.8107	2.7210	2.8944	3.1551	3.0049
In-117m	0.8620	0.8339	0.9109	0.8761	0.7857	0.8250	0.9378	0.9188
In-118m	3.5732	3.5378	3.6963	3.4589	3.4862	3.7432	4.0070	3.7571
In-118	0.0878	0.0871	0.0907	0.0848	0.0858	0.0921	0.0987	0.0920
In-119	1.5855	1.5275	1.6701	1.6042	1.4785	1.5683	1.7635	1.7068
In-119m	0.2490	0.2302	0.2688	0.2672	0.2140	0.2204	0.2725	0.2760
In-121	1.4503	1.4342	1.5048	1.4095	1.4118	1.5178	1.6197	1.5314
In-121m	0.9418	0.9021	0.9900	0.9621	0.8313	0.8696	1.0060	0.9953
Ir-180	4.1019	3.8115	4.5052	4.5157	3.7029	3.8439	4.6676	4.7578
Ir-182	4.0375	3.7244	4.4631	4.5042	3.6124	3.7316	4.6030	4.7351
Ir-183	4.4547	3.9806	5.0281	5.2076	3.8432	3.9207	5.1296	5.4241
Ir-184	6.0469	5.5949	6.6631	6.7006	5.4321	5.6270	6.8945	7.0595
Ir-185	4.4797	3.8061	5.2247	5.5934	3.6591	3.6463	5.2362	5.7415
Ir-186	5.8342	5.4103	6.4168	6.4505	5.2494	5.4454	6.6449	6.7820
Ir-186m	3.4277	3.1542	3.7811	3.8217	3.0622	3.1744	3.9158	4.0142
Ir-187	3.0627	2.6176	3.5616	3.8086	2.5111	2.5068	3.5690	3.9103
Ir-188	4.2815	3.9502	4.7162	4.7537	3.8351	3.9808	4.8992	4.9988
Ir-189	2.2928	1.8819	2.7351	2.9981	1.7956	1.7535	2.7005	3.0486
Ir-190	6.2474	5.8804	6.8095	6.7540	5.7103	5.9522	7.0913	7.1329
Ir-190m	0.5263	0.3028	0.7364	0.9117	0.2879	0.2225	0.6787	0.8792
Ir-190n	1.8248	1.5382	2.1412	2.3158	1.4671	1.4521	2.1294	2.3671
Ir-191m	2.2880	1.8486	2.7478	3.0261	1.7643	1.7068	2.7040	3.0702
Ir-192	3.2751	3.1975	3.4684	3.3297	3.1171	3.2999	3.6599	3.5601
Ir-192m	0.6049	0.3603	0.8325	1.0201	0.3360	0.2646	0.7696	0.9867
Ir-192n	1.2675	0.7599	1.7397	2.1282	0.7084	0.5608	1.6099	2.0601
Ir-193m	0.5280	0.3076	0.7353	0.9075	0.2919	0.2277	0.6787	0.8763
Ir-194	0.2967	0.2909	0.3127	0.2989	0.2840	0.3018	0.3312	0.3207

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ir-194m	6.8925	6.7211	7.2824	6.9622	6.5717	6.9682	7.7300	7.4534
Ir-195	1.7969	1.4883	2.1243	2.3072	1.4185	1.3883	2.0981	2.3749
Ir-195m	2.5282	2.2783	2.8378	2.9123	2.1986	2.2459	2.8936	3.0494
Ir-196	0.5964	0.5847	0.6272	0.5971	0.5720	0.6088	0.6673	0.6407
Ir-196m	7.5647	7.2916	8.0708	7.7891	7.1221	7.5130	8.5250	8.3068
K-38	1.2646	1.2555	1.3002	1.2047	1.2419	1.3402	1.4316	1.3227
K-40	0.1460	0.1414	0.1533	0.1464	0.1395	0.1487	0.1659	0.1574
K-42	0.2398	0.2378	0.2469	0.2301	0.2349	0.2528	0.2704	0.2501
K-43	2.5765	2.5498	2.6920	2.5315	2.4996	2.6683	2.8835	2.7324
K-44	1.9698	1.9525	2.0311	1.8935	1.9281	2.0765	2.2165	2.0650
K-45	2.4856	2.4691	2.5943	2.4315	2.4201	2.5880	2.7903	2.6344
K-46	1.9474	1.9318	2.0030	1.8667	1.9091	2.0553	2.1953	2.0335
Kr-74	2.5841	2.3598	2.8668	2.9030	2.2617	2.3125	2.9258	3.0739
Kr-75	2.2061	2.0820	2.3928	2.3589	2.0058	2.0839	2.4818	2.4893
Kr-76	3.3666	2.9038	3.8438	4.0295	2.7296	2.7294	3.8548	4.1412
Kr-77	2.3243	2.2076	2.5112	2.4666	2.1315	2.2173	2.6109	2.6043
Kr-79	1.6671	1.3207	1.9943	2.1854	1.2106	1.1497	1.9482	2.2045
Kr-81	1.1010	0.7505	1.4066	1.6407	0.6511	0.5511	1.3188	1.6104
Kr-81m	1.4158	1.3143	1.5575	1.5547	1.2424	1.2728	1.5953	1.6366
Kr-83m	0.4824	0.3225	0.6236	0.7338	0.2827	0.2369	0.5831	0.7178
Kr-85	0.0056	0.0055	0.0058	0.0055	0.0054	0.0057	0.0062	0.0058
Kr-85m	1.5195	1.4775	1.6240	1.5620	1.4266	1.5029	1.6980	1.6595
Kr-87	1.0718	1.0611	1.1171	1.0464	1.0421	1.1149	1.2038	1.1313
Kr-88	1.9999	1.9478	2.0983	1.9943	1.8942	2.0124	2.2482	2.1523
Kr-89	2.2860	2.2609	2.3774	2.2297	2.2208	2.3779	2.5645	2.4189
La-128	4.3625	4.3004	4.5622	4.3056	4.2057	4.4852	4.8648	4.6393
La-129	2.1315	2.0602	2.2592	2.1804	1.9861	2.0989	2.3508	2.3189
La-130	3.2165	3.1595	3.3645	3.1872	3.0849	3.2919	3.5836	3.4173
La-131	2.8613	2.7501	3.0378	2.9463	2.6438	2.7911	3.1502	3.1211
La-132	3.0383	2.9616	3.1883	3.0367	2.8800	3.0659	3.3798	3.2370
La-132m	2.8941	2.7770	3.0835	2.9941	2.6878	2.8358	3.2180	3.1675
La-133	1.5212	1.3590	1.6887	1.7376	1.2826	1.3201	1.6905	1.7777
La-134	0.5597	0.5242	0.5994	0.5941	0.4963	0.5219	0.6110	0.6164
La-135	1.2782	1.1845	1.3770	1.3783	1.1129	1.1654	1.3880	1.4190
La-136	0.8543	0.7933	0.9189	0.9181	0.7465	0.7827	0.9284	0.9467
La-137	1.2146	1.1221	1.3109	1.3155	1.0534	1.1019	1.3193	1.3528
La-138	1.9407	1.8718	2.0399	1.9625	1.8183	1.9361	2.1605	2.0863
La-140	2.8095	2.7808	2.9133	2.7286	2.7360	2.9345	3.1522	2.9500
La-141	0.0249	0.0247	0.0256	0.0239	0.0243	0.0262	0.0280	0.0260
La-142	1.9736	1.9543	2.0381	1.9005	1.9293	2.0785	2.2231	2.0752

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
La-143	0.2828	0.2800	0.2925	0.2732	0.2761	0.2967	0.3178	0.2972
Lu-165	4.1881	3.8992	4.5690	4.6000	3.7905	3.9617	4.7382	4.7965
Lu-167	4.6367	4.2947	5.0671	5.1007	4.1665	4.3492	5.2532	5.3153
Lu-169m	0.3826	0.2167	0.5393	0.6706	0.2079	0.1593	0.4964	0.6459
Lu-169	4.2781	3.9603	4.6793	4.7283	3.8547	4.0294	4.8589	4.9232
Lu-170	4.0510	3.7704	4.3982	4.4036	3.6864	3.8728	4.6107	4.6207
Lu-171m	0.4093	0.2350	0.5742	0.7119	0.2255	0.1748	0.5295	0.6865
Lu-171	4.3210	3.7728	4.9077	5.1773	3.6319	3.6971	4.9648	5.2832
Lu-172	5.6225	5.2182	6.1401	6.1670	5.0928	5.3275	6.3885	6.4635
Lu-172m	0.3440	0.1948	0.4848	0.6029	0.1869	0.1432	0.4463	0.5807
Lu-173	3.6024	3.2502	4.0141	4.1657	3.1449	3.2513	4.0947	4.2824
Lu-174	1.8977	1.6379	2.1746	2.3253	1.5827	1.6080	2.1903	2.3563
Lu-174m	2.3698	1.8960	2.8513	3.1725	1.8248	1.7833	2.8067	3.1737
Lu-176	3.7215	3.4813	4.0873	4.0920	3.3791	3.5041	4.2196	4.3205
Lu-176m	0.5062	0.4029	0.6125	0.6802	0.3895	0.3767	0.6005	0.6922
Lu-177	0.4279	0.3957	0.4739	0.4790	0.3837	0.3954	0.4871	0.5045
Lu-177m	8.3609	7.8840	9.1218	9.0765	7.6507	7.9726	9.4548	9.5640
Lu-178	0.4374	0.3784	0.5023	0.5304	0.3683	0.3718	0.5089	0.5498
Lu-178m	6.7295	6.4030	7.2793	7.1656	6.2340	6.5176	7.5712	7.6564
Lu-179	0.2191	0.2146	0.2340	0.2247	0.2083	0.2187	0.2453	0.2421
Lu-180	3.2816	3.1259	3.5269	3.4501	3.0576	3.2160	3.7162	3.6739
Lu-181	2.8769	2.5688	3.2426	3.3524	2.4975	2.5588	3.3162	3.4750
Mg-27	1.3179	1.3035	1.3647	1.2780	1.2849	1.3837	1.4728	1.3872
Mg-28	2.7641	2.7198	2.8627	2.7000	2.6223	2.8034	3.0320	2.8794
Mn-50m	4.3570	4.3127	4.5036	4.2143	4.2529	4.5728	4.8879	4.5753
Mn-51	0.0158	0.0118	0.0197	0.0224	0.0115	0.0108	0.0193	0.0223
Mn-52	4.1140	3.9799	4.3351	4.1501	3.9216	4.1816	4.6517	4.4596
Mn-52m	1.3068	1.2939	1.3482	1.2601	1.2771	1.3718	1.4735	1.3679
Mn-53	0.3088	0.1747	0.4355	0.5417	0.1678	0.1284	0.4008	0.5217
Mn-54	1.5904	1.4414	1.7628	1.7866	1.4162	1.4725	1.8329	1.8704
Mn-56	1.8297	1.8113	1.8907	1.7667	1.7870	1.9254	2.0516	1.9206
Mn-57	0.9881	0.7694	1.2018	1.3396	0.7249	0.6869	1.1721	1.3409
Mn-58m	2.9090	2.8803	3.0085	2.8156	2.8386	3.0499	3.2623	3.0507
Mo-101	2.4505	2.3711	2.5937	2.4892	2.3162	2.4524	2.7575	2.6692
Mo-102	0.1586	0.1568	0.1678	0.1593	0.1515	0.1597	0.1762	0.1714
Mo-89	0.3103	0.3021	0.3236	0.3082	0.2925	0.3112	0.3457	0.3299
Mo-90	4.3173	4.0748	4.6235	4.5692	3.7766	3.8916	4.7125	4.7552
Mo-91m	1.2937	1.2686	1.3449	1.2712	1.2374	1.3212	1.4472	1.3694
Mo-91	0.0858	0.0754	0.0938	0.0980	0.0640	0.0630	0.0913	0.0969
Mo-93	1.1355	0.9768	1.2545	1.3330	0.8043	0.7735	1.1963	1.2985

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Mo-93m	3.7836	3.7001	3.9564	3.7560	3.5832	3.8049	4.2131	4.0347
Mo-99	0.4744	0.4633	0.4979	0.4753	0.4452	0.4713	0.5244	0.5070
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	0.8799	0.8714	0.8995	0.8299	0.8697	0.9444	0.9968	0.9177
Na-22	1.3084	1.2974	1.3476	1.2602	1.2799	1.3728	1.4721	1.3676
Na-24	2.5482	2.5274	2.6184	2.4348	2.5005	2.7025	2.8800	2.6640
Nb-87	2.7528	2.6133	2.9587	2.9200	2.4356	2.5105	3.0284	3.0529
Nb-88m	4.8322	4.7712	5.0257	4.7184	4.6828	5.0143	5.4087	5.1037
Nb-88	6.4041	6.2252	6.7188	6.4183	6.0146	6.3754	7.1121	6.8741
Nb-89	0.7029	0.6538	0.7499	0.7448	0.6058	0.6288	0.7746	0.7714
Nb-89m	1.3788	1.3304	1.4565	1.4022	1.2726	1.3368	1.5289	1.4734
Nb-90	4.7497	4.5728	5.0012	4.8232	4.3753	4.6148	5.2813	5.1141
Nb-91	1.1599	0.9748	1.2999	1.4005	0.7995	0.7606	1.2352	1.3596
Nb-91m	0.9998	0.8625	1.1043	1.1707	0.7161	0.6917	1.0574	1.1444
Nb-92	3.7267	3.5195	3.9630	3.8888	3.3089	3.4548	4.1090	4.0582
Nb-92m	2.5219	2.3212	2.7106	2.7210	2.1264	2.1896	2.7572	2.7946
Nb-93m	0.2240	0.1865	0.2540	0.2754	0.1552	0.1470	0.2412	0.2678
Nb-94m	0.7836	0.6726	0.8677	0.9231	0.5556	0.5343	0.8280	0.8999
Nb-94	2.5387	2.5092	2.6314	2.4672	2.4719	2.6581	2.8401	2.6767
Nb-95	1.2605	1.2456	1.3060	1.2257	1.2269	1.3196	1.4092	1.3272
Nb-95m	1.1540	1.0450	1.2573	1.2862	0.9187	0.9188	1.2397	1.2986
Nb-96	4.1079	4.0636	4.2647	3.9992	3.9968	4.2855	4.5960	4.3259
Nb-97	1.2698	1.2543	1.3189	1.2375	1.2346	1.3240	1.4242	1.3444
Nb-98m	4.0159	3.9703	4.1609	3.9025	3.9075	4.1977	4.4957	4.2279
Nb-99	2.8383	2.7243	3.0142	2.9360	2.5674	2.6682	3.1035	3.1123
Nb-99m	0.9679	0.9463	1.0114	0.9598	0.9168	0.9743	1.0772	1.0358
Nd-134	3.0622	2.9525	3.2594	3.1559	2.8507	3.0193	3.3874	3.3606
Nd-135	3.4757	3.3218	3.7167	3.6246	3.2125	3.3879	3.8655	3.8554
Nd-136	2.9820	2.7925	3.2032	3.1738	2.6864	2.8310	3.2910	3.3617
Nd-137	3.1577	3.0218	3.3437	3.2486	2.9221	3.1015	3.4852	3.4697
Nd-138	1.3254	1.2261	1.4274	1.4287	1.1677	1.2308	1.4510	1.4953
Nd-139	1.2546	1.1772	1.3416	1.3255	1.1289	1.1942	1.3802	1.3962
Nd-139m	4.6253	4.4569	4.8757	4.7012	4.3334	4.6131	5.1266	5.0365
Nd-140	1.2231	1.1256	1.3202	1.3264	1.0704	1.1272	1.3384	1.3857
Nd-141	1.2433	1.1474	1.3395	1.3427	1.0920	1.1511	1.3605	1.4043
Nd-141m	1.2570	1.2348	1.3073	1.2345	1.2136	1.3032	1.4038	1.3333
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	1.4216	1.3510	1.5136	1.4812	1.3100	1.3850	1.5666	1.6012
Nd-149	2.3771	2.3118	2.5214	2.4238	2.2472	2.3766	2.6427	2.6105
Nd-151	2.6973	2.6431	2.8334	2.6970	2.5831	2.7457	3.0016	2.9175

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Nd-152	1.0758	1.0136	1.1702	1.1572	0.9736	1.0125	1.2040	1.2218
Ne-19	0.0002	0.0002	0.0003	0.0002	0.0002	0.0003	0.0003	0.0003
Ne-24	1.3902	1.3770	1.4529	1.3627	1.3491	1.4365	1.5545	1.4600
Ni-56	4.9972	4.7226	5.4319	5.3400	4.6184	4.8469	5.6816	5.6449
Ni-57	1.8722	1.7265	2.0485	2.0492	1.6970	1.7679	2.1575	2.1581
Ni-59	0.5355	0.3030	0.7551	0.9393	0.2909	0.2226	0.6950	0.9046
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.5968	0.5915	0.6165	0.5760	0.5833	0.6267	0.6707	0.6254
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	5.5113	5.0146	6.0568	6.1304	4.7314	4.8429	6.1692	6.4198
Np-233	2.1504	1.8935	2.4121	2.4999	1.7617	1.7620	2.4089	2.6161
Np-234	3.3956	3.0255	3.7703	3.8679	2.8342	2.8694	3.8197	4.0305
Np-235	0.9163	0.6806	1.1204	1.2738	0.5852	0.5228	1.0558	1.2460
Np-236	4.9470	4.1771	5.6752	6.0439	3.7725	3.6769	5.5591	6.1398
Np-236m	1.2394	1.0757	1.4003	1.4650	0.9920	0.9838	1.3895	1.5205
Np-237	1.8921	1.5439	2.2021	2.3900	1.3693	1.3082	2.1259	2.3998
Np-238	1.5915	1.4139	1.7640	1.8109	1.3116	1.3297	1.7818	1.8616
Np-239	3.2285	2.8458	3.6304	3.7662	2.6502	2.6516	3.6277	3.9053
Np-240	4.7406	4.2413	5.2534	5.3775	3.9406	3.9891	5.3017	5.5472
Np-240m	1.3299	1.1716	1.4846	1.5350	1.0789	1.0828	1.4901	1.5678
Np-241	0.8275	0.7310	0.9264	0.9589	0.6771	0.6776	0.9253	0.9942
Np-242	0.4238	0.3951	0.4559	0.4508	0.3771	0.3932	0.4755	0.4735
Np-242m	4.1475	3.6606	4.6285	4.7840	3.3715	3.3901	4.6368	4.8981
O-14	1.2533	1.2443	1.2874	1.1924	1.2315	1.3293	1.4206	1.3118
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	2.2562	2.2442	2.3649	2.2284	2.1893	2.3219	2.5239	2.4195
Os-180	2.5994	2.1498	3.0744	3.3537	2.0380	1.9963	3.0367	3.3993
Os-181	5.2503	4.7969	5.8376	5.9465	4.6492	4.7954	6.0054	6.2295
Os-182	3.6452	3.2277	4.1509	4.3308	3.1146	3.1602	4.2105	4.4700
Os-183	5.1134	4.6369	5.7240	5.8839	4.4769	4.5949	5.8544	6.1246
Os-183m	2.9246	2.6512	3.2572	3.3369	2.5713	2.6521	3.3553	3.4839
Os-185	2.8380	2.5750	3.1610	3.2366	2.4965	2.5749	3.2558	3.3801
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	0.5036	0.2884	0.7062	0.8755	0.2750	0.2119	0.6506	0.8439
Os-190m	5.9644	5.5870	6.5202	6.4686	5.4433	5.6676	6.7938	6.8147
Os-191	2.4134	1.9774	2.8758	3.1450	1.8888	1.8401	2.8406	3.2011
Os-191m	0.6603	0.4328	0.8794	1.0527	0.4119	0.3526	0.8274	1.0298
Os-193	0.7013	0.6042	0.8111	0.8595	0.5810	0.5810	0.8141	0.8874
Os-194	0.5254	0.3394	0.6992	0.8382	0.3202	0.2725	0.6555	0.8180
Os-196	0.6623	0.6092	0.7344	0.7452	0.5881	0.6050	0.7539	0.7832

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
P-30	0.0010	0.0010	0.0010	0.0010	0.0009	0.0010	0.0011	0.0010
P-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pa-227	0.9450	0.7770	1.1021	1.1944	0.7037	0.6779	1.0742	1.2116
Pa-228	5.9571	5.2834	6.6515	6.8496	4.9558	5.0097	6.7151	7.1206
Pa-229	1.9598	1.6767	2.2357	2.3599	1.5495	1.5270	2.2091	2.4535
Pa-230	3.4772	3.0657	3.8929	4.0240	2.8661	2.8860	3.9141	4.1864
Pa-231	1.7559	1.3467	2.1205	2.3750	1.1900	1.0983	2.0232	2.3455
Pa-232	2.9944	2.7091	3.2969	3.3435	2.5463	2.6054	3.3615	3.4638
Pa-233	2.6872	2.3489	3.0294	3.1596	2.1750	2.1715	3.0203	3.2567
Pa-234	5.8484	5.2805	6.4543	6.5641	4.9592	5.0555	6.5607	6.8272
Pa-234m	0.0469	0.0425	0.0516	0.0523	0.0401	0.0411	0.0527	0.0547
Pa-235	0.1812	0.1029	0.2551	0.3170	0.0986	0.0756	0.2349	0.3054
Pa-236	2.0817	1.8869	2.2843	2.3109	1.7790	1.8240	2.3429	2.4060
Pa-237	1.2452	1.1756	1.3409	1.3144	1.1502	1.2103	1.4117	1.3927
Pb-194	4.3593	3.9737	4.8312	4.9001	3.8325	3.9317	4.9464	5.2084
Pb-195m	6.0875	5.5209	6.7626	6.8662	5.3232	5.4654	6.9343	7.2290
Pb-196	4.0001	3.6107	4.4749	4.5758	3.4699	3.5325	4.5396	4.8526
Pb-197	4.0163	3.7160	4.3965	4.4000	3.6009	3.7315	4.5488	4.6887
Pb-197m	5.3504	4.8530	5.9511	6.0479	4.6742	4.7887	6.0862	6.3852
Pb-198	3.8723	3.4870	4.3377	4.4459	3.3493	3.4104	4.3980	4.7036
Pb-199	3.4658	3.1700	3.8267	3.8695	3.0624	3.1529	3.9298	4.1125
Pb-200	3.6536	3.1965	4.1689	4.3592	3.0520	3.0612	4.1764	4.5754
Pb-201	3.9234	3.5937	4.3331	4.3853	3.4678	3.5696	4.4384	4.6545
Pb-201m	1.4496	1.3205	1.6004	1.6180	1.2750	1.3117	1.6453	1.7235
Pb-202	0.5242	0.3125	0.7209	0.8831	0.2912	0.2294	0.6665	0.8543
Pb-202m	4.4270	4.2505	4.7124	4.5491	4.1490	4.3864	4.9822	4.8675
Pb-203	3.2925	2.9670	3.6904	3.7818	2.8492	2.8978	3.7345	4.0116
Pb-204m	3.9599	3.8791	4.1492	3.9329	3.8052	4.0648	4.4318	4.2445
Pb-205	0.5306	0.3163	0.7296	0.8938	0.2948	0.2322	0.6746	0.8646
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	0.6597	0.4537	0.8445	0.9877	0.4065	0.3526	0.7951	0.9674
Pb-211	0.1661	0.1602	0.1766	0.1700	0.1563	0.1652	0.1866	0.1823
Pb-212	1.5603	1.4322	1.7285	1.7416	1.3740	1.4040	1.7561	1.8687
Pb-214	1.6284	1.5036	1.7908	1.7974	1.4470	1.4915	1.8358	1.9076
Pd-100	3.9207	3.7232	4.1341	4.0411	3.3776	3.4533	4.1468	4.3049
Pd-101	2.9154	2.7270	3.0902	3.0461	2.4085	2.4357	3.0785	3.1322
Pd-103	1.2032	1.1027	1.2820	1.2830	0.9361	0.9249	1.2478	1.2986
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.3287	1.2889	1.4083	1.3559	1.2048	1.2517	1.4484	1.4339

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Pd-109	0.6558	0.6006	0.7045	0.7044	0.5291	0.5316	0.6922	0.7193
Pd-111	0.1022	0.1006	0.1065	0.1006	0.0974	0.1036	0.1133	0.1084
Pd-112	0.4963	0.4332	0.5461	0.5710	0.3629	0.3505	0.5243	0.5655
Pd-114	0.2070	0.2042	0.2180	0.2070	0.1975	0.2080	0.2291	0.2226
Pd-96	3.5819	3.4745	3.7512	3.5938	3.2944	3.4547	3.9203	3.8115
Pd-97	2.9577	2.8982	3.0936	2.9287	2.7902	2.9541	3.2736	3.1453
Pd-98	3.2766	3.1330	3.4550	3.3550	2.8891	2.9807	3.5265	3.5477
Pd-99	2.9587	2.8739	3.1103	2.9804	2.7204	2.8481	3.2401	3.1598
Pm-136	4.0669	4.0113	4.2440	4.0016	3.9336	4.2079	4.5421	4.3144
Pm-137m	4.9777	4.8375	5.2641	5.0512	4.7044	4.9886	5.5288	5.4333
Pm-139	0.9232	0.8823	0.9799	0.9523	0.8548	0.9076	1.0235	1.0135
Pm-140m	4.5016	4.4195	4.6994	4.4407	4.3344	4.6416	5.0263	4.7872
Pm-140	0.3498	0.3364	0.3690	0.3562	0.3272	0.3488	0.3887	0.3802
Pm-141	0.8599	0.8069	0.9183	0.9069	0.7773	0.8240	0.9497	0.9593
Pm-142	0.3477	0.3236	0.3728	0.3708	0.3107	0.3290	0.3833	0.3908
Pm-143	1.7186	1.6115	1.8364	1.8147	1.5532	1.6472	1.8973	1.9183
Pm-144	4.3656	4.2270	4.5914	4.4005	4.1237	4.3974	4.8637	4.7164
Pm-145	1.2752	1.1649	1.3848	1.4004	1.1127	1.1695	1.4045	1.4662
Pm-146	2.4172	2.3323	2.5513	2.4556	2.2695	2.4155	2.6874	2.6184
Pm-147	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Pm-148	0.7595	0.7519	0.7869	0.7362	0.7404	0.7940	0.8521	0.7969
Pm-148m	4.3508	4.2894	4.5389	4.2732	4.2118	4.5019	4.8695	4.6185
Pm-149	0.0568	0.0547	0.0610	0.0591	0.0533	0.0560	0.0636	0.0632
Pm-150	2.4281	2.4028	2.5243	2.3756	2.3591	2.5263	2.7142	2.5661
Pm-151	1.8890	1.8270	2.0070	1.9388	1.7761	1.8820	2.1022	2.0785
Pm-152m	4.2411	4.1432	4.4717	4.2670	4.0494	4.2989	4.7324	4.6052
Pm-152	0.7878	0.7620	0.8314	0.8002	0.7453	0.7917	0.8791	0.8600
Pm-153	1.2525	1.1779	1.3516	1.3386	1.1378	1.1902	1.3927	1.4192
Pm-154	2.3607	2.2805	2.4862	2.3849	2.2387	2.3867	2.6490	2.5807
Pm-154m	4.0308	3.9139	4.2588	4.0854	3.8251	4.0618	4.5080	4.4068
Po-203	4.5419	4.1631	4.9891	5.0157	4.0114	4.1353	5.1295	5.3551
Po-204	6.7382	5.9112	7.6351	7.9370	5.6488	5.6904	7.6874	8.3525
Po-205	4.3164	3.9670	4.7284	4.7427	3.8321	3.9614	4.8707	5.0751
Po-206	5.4081	4.7910	6.0799	6.2686	4.5787	4.6395	6.1561	6.5905
Po-207	3.9193	3.6060	4.2921	4.3014	3.4833	3.6017	4.4188	4.6079
Po-208	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002
Po-209	0.0543	0.0410	0.0677	0.0765	0.0395	0.0370	0.0656	0.0771
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-211	0.0148	0.0146	0.0155	0.0146	0.0144	0.0154	0.0166	0.0157
Po-212m	0.0588	0.0581	0.0608	0.0567	0.0573	0.0617	0.0663	0.0619

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Po-212	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-214	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-215	0.0005	0.0005	0.0006	0.0005	0.0005	0.0006	0.0006	0.0006
Po-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-134	5.7281	5.6406	5.9935	5.6637	5.5172	5.8882	6.3942	6.1020
Pr-134m	2.6294	2.5866	2.7501	2.5946	2.5312	2.7025	2.9407	2.7915
Pr-135	2.3268	2.2254	2.4720	2.4077	2.1418	2.2644	2.5578	2.5669
Pr-136	2.9883	2.9224	3.1271	2.9661	2.8543	3.0444	3.3325	3.1792
Pr-137	1.0891	1.0160	1.1677	1.1601	0.9673	1.0205	1.1918	1.2133
Pr-138	0.3671	0.3427	0.3931	0.3902	0.3266	0.3449	0.4019	0.4085
Pr-138m	5.1290	5.0019	5.3748	5.1265	4.8788	5.2125	5.6957	5.5005
Pr-139	1.1639	1.0764	1.2529	1.2541	1.0201	1.0736	1.2696	1.3063
Pr-140	0.6206	0.5740	0.6681	0.6688	0.5439	0.5725	0.6769	0.6965
Pr-142	0.0479	0.0475	0.0493	0.0459	0.0469	0.0505	0.0540	0.0499
Pr-142m	0.0243	0.0137	0.0343	0.0426	0.0132	0.0101	0.0315	0.0411
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0296	0.0293	0.0306	0.0286	0.0289	0.0311	0.0333	0.0312
Pr-144m	0.5758	0.4970	0.6522	0.6866	0.4732	0.4839	0.6492	0.7040
Pr-145	0.0454	0.0440	0.0476	0.0457	0.0429	0.0458	0.0504	0.0492
Pr-146	1.4133	1.3993	1.4684	1.3749	1.3757	1.4728	1.5854	1.4846
Pr-147	2.8557	2.7103	3.0406	2.9814	2.6208	2.7744	3.1527	3.1802
Pr-148	1.8333	1.8139	1.9110	1.8008	1.7782	1.9011	2.0460	1.9474
Pr-148m	2.7170	2.6868	2.8433	2.6848	2.6282	2.8021	3.0278	2.8925
Pt-184	7.5135	6.6183	8.5810	8.9795	6.3629	6.4262	8.6657	9.3298
Pt-186	3.7218	3.3338	4.1889	4.3286	3.2163	3.2845	4.2741	4.5228
Pt-187	4.6678	4.1186	5.3166	5.5600	3.9600	4.0044	5.3763	5.7886
Pt-188	3.3336	2.8893	3.8502	4.0792	2.7673	2.7695	3.8628	4.2156
Pt-189	4.3818	3.8162	5.0310	5.3074	3.6644	3.6842	5.0656	5.5061
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	3.9578	3.4413	4.5527	4.8149	3.2976	3.3090	4.5738	4.9888
Pt-193	0.5517	0.3249	0.7634	0.9386	0.3049	0.2386	0.7050	0.9070
Pt-193m	0.8745	0.6008	1.1383	1.3400	0.5684	0.5004	1.0784	1.3235
Pt-195m	2.9683	2.3180	3.6263	4.0559	2.2029	2.0924	3.5289	4.1107
Pt-197	0.8347	0.6464	1.0214	1.1418	0.6130	0.5777	0.9886	1.1663
Pt-197m	1.9871	1.5464	2.4303	2.7206	1.4651	1.3891	2.3645	2.7476
Pt-199	0.7535	0.7087	0.8199	0.8102	0.6889	0.7175	0.8533	0.8585
Pt-200	1.3780	1.1367	1.6312	1.7704	1.0842	1.0585	1.6079	1.8250
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Pu-232	1.6029	1.4145	1.7949	1.8581	1.3143	1.3152	1.7933	1.9403
Pu-234	1.8493	1.6168	2.0818	2.1687	1.4958	1.4892	2.0719	2.2539
Pu-235	2.5175	2.1806	2.8472	2.9848	2.0076	1.9893	2.8230	3.0840
Pu-236	0.2859	0.2192	0.3425	0.3839	0.1864	0.1692	0.3237	0.3760
Pu-237	1.8281	1.5432	2.0976	2.2355	1.4036	1.3697	2.0588	2.2821
Pu-238	0.2640	0.2023	0.3164	0.3548	0.1720	0.1560	0.2989	0.3474
Pu-239	0.1473	0.1059	0.1841	0.2125	0.0923	0.0811	0.1728	0.2071
Pu-240	0.2483	0.1903	0.2975	0.3336	0.1618	0.1468	0.2811	0.3267
Pu-241	0.0001	0.0000	0.0001	0.0001	0.0000	0.0000	0.0001	0.0001
Pu-242	0.2129	0.1632	0.2551	0.2860	0.1387	0.1259	0.2411	0.2802
Pu-243	0.6834	0.6090	0.7595	0.7821	0.5666	0.5686	0.7549	0.8290
Pu-244	0.2046	0.1631	0.2407	0.2645	0.1423	0.1335	0.2312	0.2620
Pu-245	1.7508	1.6535	1.8821	1.8520	1.5820	1.6477	1.9503	1.9607
Pu-246	2.7117	2.4522	2.9915	3.0505	2.2860	2.3238	3.0123	3.1702
Ra-219	1.1381	1.0656	1.2357	1.2287	1.0252	1.0635	1.2718	1.3117
Ra-220	0.0136	0.0134	0.0143	0.0136	0.0131	0.0139	0.0153	0.0145
Ra-221	1.0048	0.8266	1.1793	1.2739	0.7633	0.7390	1.1557	1.2982
Ra-222	0.0435	0.0424	0.0460	0.0443	0.0412	0.0436	0.0484	0.0474
Ra-223	1.9846	1.7527	2.2408	2.3199	1.6677	1.6780	2.2470	2.4529
Ra-224	0.0754	0.0722	0.0816	0.0794	0.0695	0.0723	0.0843	0.0855
Ra-225	0.7613	0.6553	0.8535	0.8959	0.6028	0.6103	0.8452	0.9201
Ra-226	1.4034	1.3863	1.4652	1.3323	1.3687	1.4592	1.5640	1.4495
Ra-227	2.1142	1.7552	2.4536	2.6361	1.5988	1.5541	2.4009	2.6620
Ra-228	1.4753	1.4697	1.5479	1.3947	1.4391	1.5274	1.6341	1.5174
Ra-230	1.0080	0.8924	1.1349	1.1758	0.8412	0.8462	1.1395	1.2303
Rb-77	2.2626	2.1909	2.4041	2.3280	2.1032	2.2132	2.5189	2.4973
Rb-78m	3.3243	3.2777	3.4622	3.2545	3.2185	3.4409	3.7294	3.5204
Rb-78	2.5656	2.5076	2.6810	2.5333	2.4586	2.6296	2.8909	2.7340
Rb-79	2.7862	2.6001	3.0322	3.0019	2.4803	2.5689	3.1373	3.1563
Rb-80	0.3858	0.3763	0.4046	0.3840	0.3683	0.3922	0.4336	0.4143
Rb-81	1.3974	1.1617	1.6138	1.7160	1.0539	1.0250	1.5977	1.7432
Rb-81m	0.9801	0.7670	1.1534	1.2656	0.6493	0.5976	1.1042	1.2674
Rb-82	0.2578	0.2409	0.2771	0.2727	0.2318	0.2429	0.2905	0.2884
Rb-82m	5.1632	4.8691	5.5280	5.3994	4.6992	4.9320	5.8189	5.7310
Rb-83	2.3307	1.9912	2.6544	2.7787	1.8366	1.8180	2.6601	2.8412
Rb-84	1.7062	1.4782	1.9195	1.9902	1.3739	1.3815	1.9404	2.0535
Rb-84m	2.1562	2.0515	2.3292	2.2694	1.9559	2.0291	2.4097	2.4157
Rb-86m	1.2689	1.2510	1.3255	1.2470	1.2255	1.3054	1.4210	1.3403
Rb-86	0.1168	0.1156	0.1208	0.1129	0.1141	0.1227	0.1308	0.1229
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Rb-88	0.5200	0.5154	0.5362	0.4992	0.5091	0.5490	0.5852	0.5445
Rb-89	2.2330	2.2121	2.3058	2.1525	2.1829	2.3488	2.5080	2.3455
Rb-90	1.1816	1.1701	1.2175	1.1348	1.1573	1.2508	1.3279	1.2384
Rb-90m	2.7162	2.6835	2.8066	2.6258	2.6470	2.8543	3.0506	2.8555
Re-178	3.7747	3.4254	4.2134	4.3079	3.3273	3.4274	4.3310	4.5122
Re-179	4.5777	4.2155	5.0619	5.1254	4.0894	4.2330	5.2236	5.3579
Re-180	3.9663	3.5615	4.4447	4.5825	3.4600	3.5592	4.5582	4.7750
Re-181	4.6592	4.2010	5.2246	5.3858	4.0662	4.1762	5.3471	5.5874
Re-182	9.0329	8.2611	10.0487	10.2431	8.0032	8.2482	10.3228	10.7216
Re-182m	4.7137	4.2696	5.2594	5.4061	4.1343	4.2535	5.3972	5.6492
Re-183	3.8447	3.2600	4.4938	4.8388	3.1348	3.1280	4.4879	4.9312
Re-184	3.5478	3.2002	3.9647	4.0792	3.1059	3.1998	4.0696	4.2469
Re-184m	3.4598	2.9766	4.0091	4.2629	2.8743	2.8832	4.0297	4.3849
Re-186	0.4188	0.3676	0.4794	0.5039	0.3542	0.3576	0.4842	0.5186
Re-186m	1.7365	1.1469	2.3016	2.7483	1.0943	0.9469	2.1697	2.6871
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	0.4548	0.4203	0.5051	0.5088	0.4071	0.4212	0.5196	0.5319
Re-188m	2.4666	1.9933	2.9680	3.2801	1.9105	1.8555	2.9227	3.3245
Re-189	0.5332	0.4769	0.6058	0.6256	0.4604	0.4670	0.6147	0.6519
Re-190	4.1939	4.0921	4.4487	4.2568	3.9952	4.2277	4.7120	4.5660
Re-190m	3.8574	3.6064	4.2222	4.2090	3.5077	3.6496	4.3894	4.4342
Rh-100m	1.7953	1.6574	1.9122	1.9065	1.4399	1.4409	1.8795	1.9499
Rh-100	4.2119	4.0717	4.4081	4.2199	3.8594	4.0576	4.6349	4.4706
Rh-101	3.7758	3.6270	4.0018	3.8927	3.3681	3.4778	4.1019	4.0871
Rh-101m	2.4186	2.2930	2.5656	2.5178	2.0919	2.1509	2.6002	2.6141
Rh-102	1.5571	1.4764	1.6484	1.6090	1.3527	1.3928	1.6826	1.6690
Rh-102m	5.2709	5.1108	5.5236	5.2800	4.8698	5.1309	5.8058	5.6042
Rh-103m	0.1650	0.1385	0.1883	0.2009	0.1200	0.1142	0.1806	0.2002
Rh-104	0.0326	0.0318	0.0342	0.0325	0.0305	0.0322	0.0361	0.0345
Rh-104m	1.9156	1.8066	2.0179	1.9981	1.6259	1.6724	2.0292	2.0473
Rh-105	0.3476	0.3443	0.3638	0.3454	0.3352	0.3570	0.3851	0.3705
Rh-106	0.4390	0.4344	0.4573	0.4288	0.4263	0.4549	0.4914	0.4616
Rh-106m	4.8697	4.8199	5.0623	4.7449	4.7358	5.0683	5.4514	5.1244
Rh-107	1.3465	1.3333	1.4119	1.3370	1.2989	1.3813	1.4944	1.4386
Rh-108	0.8385	0.8296	0.8768	0.8232	0.8125	0.8659	0.9385	0.8849
Rh-109	1.5841	1.5587	1.6648	1.5839	1.5027	1.5891	1.7483	1.6966
Rh-94	3.1266	3.0953	3.2333	3.0267	3.0473	3.2723	3.5074	3.2820
Rh-95	2.3395	2.2868	2.4326	2.3029	2.2106	2.3544	2.5962	2.4737
Rh-95m	1.3598	1.3356	1.4186	1.3388	1.2954	1.3760	1.5119	1.4326
Rh-96	5.2025	5.1123	5.4058	5.0970	4.9879	5.3322	5.8011	5.4995

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Rh-96m	1.5653	1.5059	1.6384	1.5737	1.4176	1.4879	1.7116	1.6651
Rh-97	2.1204	2.0554	2.2278	2.1320	1.9528	2.0531	2.3342	2.2563
Rh-97m	3.5276	3.4125	3.7062	3.5560	3.2220	3.3785	3.8760	3.7717
Rh-98	1.5491	1.5209	1.6116	1.5205	1.4821	1.5818	1.7289	1.6419
Rh-99	3.4954	3.3116	3.7033	3.6256	3.0312	3.1155	3.7595	3.7981
Rh-99m	2.6579	2.5323	2.8094	2.7400	2.3358	2.4173	2.8765	2.8595
Rn-207	3.3631	3.1320	3.6571	3.6343	3.0230	3.1358	3.7766	3.8905
Rn-209	3.7701	3.5015	4.1064	4.0852	3.3790	3.5008	4.2397	4.3736
Rn-210	0.2885	0.2595	0.3210	0.3273	0.2482	0.2529	0.3264	0.3461
Rn-211	4.6216	4.3100	5.0095	4.9601	4.1691	4.3389	5.2087	5.3028
Rn-212	0.0006	0.0006	0.0007	0.0006	0.0006	0.0007	0.0007	0.0007
Rn-215	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0016	0.0016	0.0017	0.0016	0.0016	0.0017	0.0018	0.0017
Rn-219	0.2970	0.2865	0.3184	0.3076	0.2779	0.2914	0.3323	0.3308
Rn-220	1.5658	1.5588	1.6278	1.5105	1.5218	1.6130	1.7368	1.6190
Rn-222	0.0010	0.0010	0.0011	0.0010	0.0010	0.0010	0.0011	0.0011
Rn-223	2.0826	1.7756	2.3933	2.5311	1.6701	1.6573	2.3884	2.6075
Ru-103	1.2817	1.2684	1.3386	1.2564	1.2405	1.3189	1.4311	1.3431
Ru-105	1.9383	1.9013	2.0260	1.9198	1.8398	1.9530	2.1488	2.0575
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	0.7743	0.7660	0.8093	0.7623	0.7476	0.7960	0.8638	0.8233
Ru-108	0.7608	0.7426	0.8084	0.7746	0.7072	0.7425	0.8389	0.8239
Ru-92	7.5534	7.2607	8.0052	7.7756	6.7960	7.0692	8.2452	8.1830
Ru-94	2.5673	2.4209	2.7299	2.6875	2.2165	2.2836	2.7786	2.7809
Ru-95	3.1707	3.0355	3.3452	3.2499	2.8427	2.9679	3.4648	3.4096
Ru-97	2.7111	2.5667	2.8984	2.8542	2.3436	2.3989	2.9339	2.9722
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	1.1648	1.1544	1.1926	1.1039	1.1472	1.2616	1.3196	1.2167
S-38	1.1066	1.0989	1.1386	1.0557	1.0862	1.1718	1.2505	1.1556
Sb-111	2.4434	2.4008	2.5712	2.4359	2.3198	2.4613	2.7061	2.5949
Sb-113	1.8904	1.8447	1.9817	1.8822	1.7718	1.8727	2.0802	1.9931
Sb-114	2.2804	2.2448	2.3611	2.2212	2.1925	2.3446	2.5439	2.3927
Sb-115	2.1259	2.0576	2.2345	2.1336	1.9542	2.0554	2.3234	2.2371
Sb-116	2.2575	2.2032	2.3452	2.2198	2.1270	2.2639	2.4977	2.3715
Sb-116m	6.4609	6.3017	6.7515	6.4095	6.0739	6.4428	7.1255	6.8474
Sb-117	2.7353	2.6339	2.9026	2.7944	2.4691	2.5889	2.9692	2.9146
Sb-118	0.3764	0.3538	0.3982	0.3885	0.3227	0.3344	0.4003	0.3987
Sb-118m	6.5882	6.4031	6.8975	6.5646	6.1210	6.4803	7.2128	6.9934

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Sb-119	1.5187	1.3927	1.6328	1.6255	1.2494	1.2752	1.6112	1.6470
Sb-120	0.7390	0.6896	0.7843	0.7692	0.6219	0.6411	0.7800	0.7838
Sb-120m	6.8101	6.6555	7.1302	6.7754	6.4089	6.7804	7.4839	7.3196
Sb-122m	2.4031	2.2808	2.5614	2.5251	2.1261	2.2153	2.6020	2.6370
Sb-122	1.0023	0.9896	1.0445	0.9810	0.9693	1.0341	1.1204	1.0558
Sb-124	2.4110	2.3860	2.4986	2.3370	2.3500	2.5214	2.7090	2.5372
Sb-124m	1.0247	0.9850	1.0915	1.0526	0.9665	1.0217	1.1596	1.1227
Sb-124n	0.0848	0.0480	0.1195	0.1486	0.0461	0.0353	0.1100	0.1431
Sb-125	2.0147	1.9461	2.1226	2.0368	1.8538	1.9564	2.2064	2.1450
Sb-126	5.5455	5.4811	5.7704	5.4169	5.3870	5.7705	6.2096	5.8631
Sb-126m	3.3505	3.3068	3.4951	3.2865	3.2478	3.4734	3.7553	3.5506
Sb-127	1.6133	1.5924	1.6838	1.5847	1.5582	1.6634	1.8005	1.7076
Sb-128	6.1471	6.0775	6.3903	6.0078	5.9700	6.3969	6.8688	6.4953
Sb-128m	3.9957	3.9497	4.1556	3.9161	3.8763	4.1547	4.4561	4.2281
Sb-129	2.1492	2.1264	2.2288	2.0881	2.0930	2.2477	2.4051	2.2629
Sb-130m	4.6776	4.6242	4.8625	4.5682	4.5402	4.8700	5.2235	4.9415
Sb-130	6.7714	6.6964	7.0579	6.6460	6.5593	7.0179	7.5527	7.1719
Sb-131	2.7140	2.6851	2.8123	2.6329	2.6438	2.8402	3.0402	2.8598
Sb-133	2.8467	2.8200	2.9421	2.7484	2.7809	2.9911	3.1966	2.9889
Sc-42m	3.9187	3.8839	4.0604	3.7979	3.8229	4.0951	4.4035	4.1077
Sc-43	0.3200	0.3093	0.3420	0.3301	0.3022	0.3190	0.3606	0.3509
Sc-44	1.3534	1.3373	1.4002	1.3126	1.3191	1.4159	1.5202	1.4250
Sc-44m	1.2909	1.2715	1.3705	1.3009	1.2400	1.3102	1.4399	1.4097
Sc-46	2.6504	2.6232	2.7411	2.5642	2.5870	2.7840	2.9666	2.7865
Sc-47	1.0898	1.0832	1.1556	1.0907	1.0537	1.1216	1.2176	1.1669
Sc-48	4.1457	4.1061	4.2872	4.0073	4.0490	4.3544	4.6454	4.3583
Sc-49	0.0008	0.0008	0.0008	0.0007	0.0008	0.0008	0.0009	0.0008
Sc-50	3.7927	3.7585	3.9249	3.6667	3.7027	3.9723	4.2587	3.9712
Se-70	3.3328	2.5996	4.0626	4.5318	2.4842	2.3786	3.9757	4.5319
Se-71	1.5652	1.5245	1.6592	1.5883	1.4914	1.5822	1.7594	1.6988
Se-72	2.3862	1.7397	2.9931	3.4453	1.6469	1.5286	2.8747	3.4035
Se-73	2.9354	2.6847	3.2625	3.3216	2.5885	2.6626	3.3437	3.4825
Se-73m	0.4891	0.3821	0.5951	0.6607	0.3613	0.3434	0.5811	0.6675
Se-75	3.8822	3.3631	4.4827	4.7089	3.2467	3.2513	4.5109	4.8577
Se-77m	1.3517	1.1645	1.5671	1.6483	1.1082	1.1078	1.5692	1.6878
Se-79m	1.0300	0.7071	1.3267	1.5505	0.6463	0.5612	1.2525	1.5334
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0261	0.0258	0.0274	0.0258	0.0252	0.0268	0.0290	0.0280
Se-81m	1.0876	0.7642	1.3872	1.6078	0.7023	0.6206	1.3171	1.5957
Se-83m	1.3250	1.3116	1.3744	1.2867	1.2914	1.3873	1.4841	1.3976

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Se-83	4.4478	4.4045	4.6338	4.3510	4.3223	4.6195	4.9781	4.7045
Se-84	1.3438	1.3301	1.4103	1.3256	1.3015	1.3853	1.5051	1.4225
Si-31	0.0009	0.0009	0.0009	0.0009	0.0009	0.0010	0.0010	0.0010
Si-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-139	2.3873	2.3244	2.5193	2.4125	2.2658	2.4090	2.6573	2.5913
Sm-140	1.9501	1.8425	2.0844	2.0502	1.7825	1.8870	2.1616	2.1801
Sm-141	2.1733	2.1069	2.2913	2.1956	2.0546	2.1877	2.4245	2.3479
Sm-141m	4.4822	4.3599	4.7253	4.5258	4.2477	4.5185	4.9945	4.8623
Sm-142	1.1733	1.0749	1.2694	1.2801	1.0307	1.0881	1.2926	1.3456
Sm-143	0.7445	0.6859	0.8030	0.8058	0.6591	0.6968	0.8212	0.8489
Sm-143m	1.2600	1.2357	1.3120	1.2412	1.2148	1.3041	1.4080	1.3404
Sm-145	2.4144	2.2259	2.6054	2.6201	2.1334	2.2540	2.6589	2.7562
Sm-146	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0026	0.0016	0.0034	0.0041	0.0015	0.0013	0.0032	0.0040
Sm-153	1.5812	1.4811	1.6995	1.6902	1.4365	1.5156	1.7523	1.8086
Sm-155	1.5604	1.5160	1.6497	1.5862	1.4821	1.5652	1.7270	1.7465
Sm-156	1.4926	1.3859	1.6410	1.6444	1.3420	1.3884	1.6805	1.7557
Sm-157	2.1915	2.1465	2.3195	2.2218	2.0854	2.2059	2.4414	2.3928
Sn-106	3.8659	3.7542	4.0623	3.8787	3.5704	3.7591	4.2291	4.1079
Sn-108	3.8834	3.7633	4.0959	3.9191	3.5645	3.7429	4.2405	4.1481
Sn-109	3.4026	3.3038	3.5493	3.3751	3.1551	3.3423	3.7368	3.5845
Sn-110	2.5757	2.4794	2.7233	2.6230	2.3197	2.4218	2.7856	2.7560
Sn-111	1.0274	0.9664	1.0852	1.0581	0.8759	0.9047	1.0904	1.0873
Sn-113	1.2275	1.1434	1.3026	1.2799	1.0185	1.0422	1.2888	1.3026
Sn-113m	0.8555	0.7882	0.9169	0.9094	0.7087	0.7254	0.9064	0.9233
Sn-117m	2.5314	2.4393	2.6926	2.5937	2.2968	2.4097	2.7607	2.7101
Sn-119m	1.0276	0.9245	1.1212	1.1337	0.8291	0.8380	1.1008	1.1439
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.3257	0.2871	0.3621	0.3732	0.2626	0.2654	0.3561	0.3768
Sn-123	0.0086	0.0085	0.0089	0.0083	0.0084	0.0090	0.0096	0.0090
Sn-123m	1.5451	1.5249	1.6387	1.5542	1.4721	1.5620	1.7155	1.6538
Sn-125m	1.3980	1.3843	1.4629	1.3867	1.3498	1.4384	1.5518	1.4871
Sn-125	0.4386	0.4342	0.4541	0.4248	0.4278	0.4600	0.4909	0.4613
Sn-126	1.5278	1.4334	1.6442	1.6262	1.3547	1.4003	1.6647	1.7432
Sn-127m	1.2747	1.2624	1.3303	1.2472	1.2366	1.3163	1.4252	1.3350
Sn-127	2.8377	2.8052	2.9486	2.7666	2.7530	2.9487	3.1711	2.9954
Sn-128	4.3446	4.1670	4.5772	4.4183	3.9156	4.1087	4.6939	4.6337
Sn-129	1.6656	1.6466	1.7287	1.6206	1.6207	1.7381	1.8682	1.7603

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Sn-130	4.0498	3.9712	4.2529	4.0497	3.8156	4.0361	4.4559	4.3426
Sn-130m	2.4956	2.4360	2.6107	2.4858	2.3441	2.4877	2.7432	2.6581
Sr-79	1.9103	1.7660	2.0683	2.0598	1.6580	1.7136	2.1141	2.1763
Sr-80	1.9596	1.7020	2.1999	2.2792	1.5446	1.5357	2.2028	2.3379
Sr-81	2.3141	2.2425	2.4662	2.3711	2.1624	2.2763	2.5870	2.5225
Sr-82	1.1303	0.8605	1.3449	1.4935	0.7101	0.6370	1.2757	1.4794
Sr-83	2.5454	2.1662	2.8783	3.0176	1.9443	1.9149	2.8626	3.0777
Sr-85	2.3755	2.0882	2.6481	2.7202	1.9103	1.9118	2.6680	2.7901
Sr-85m	1.6768	1.6094	1.8115	1.7592	1.5439	1.6062	1.8766	1.8816
Sr-87m	1.2917	1.2369	1.3803	1.3377	1.1850	1.2419	1.4434	1.4124
Sr-89	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Sr-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sr-91	1.0733	1.0614	1.1125	1.0419	1.0458	1.1243	1.2011	1.1322
Sr-92	1.3520	1.3404	1.3950	1.3034	1.3217	1.4186	1.5213	1.4152
Sr-93	3.6272	3.5584	3.7890	3.5829	3.4744	3.7067	4.0587	3.8582
Sr-94	1.3483	1.3369	1.3893	1.2966	1.3195	1.4183	1.5186	1.4087
Ta-170	2.0052	1.7903	2.2606	2.3436	1.7383	1.7794	2.3059	2.4384
Ta-172	4.2627	3.9361	4.6918	4.7367	3.8301	3.9776	4.8609	4.9728
Ta-173	3.7121	3.2656	4.2255	4.4457	3.1538	3.2122	4.2824	4.5628
Ta-174	3.5634	3.2223	3.9908	4.1076	3.1217	3.2046	4.0845	4.2773
Ta-175	4.6834	4.3092	5.1659	5.2517	4.1792	4.3373	5.3323	5.4726
Ta-176	4.4050	4.0454	4.8462	4.9077	3.9432	4.1028	5.0402	5.1360
Ta-177	1.8363	1.6068	2.0950	2.2225	1.5465	1.5721	2.1156	2.2664
Ta-178	1.9216	1.6655	2.2053	2.3519	1.6036	1.6237	2.2211	2.3971
Ta-178m	8.5309	8.0030	9.3143	9.3028	7.7752	8.0959	9.6372	9.8412
Ta-179	1.0162	0.8283	1.2118	1.3379	0.7954	0.7824	1.1985	1.3419
Ta-180	1.5842	1.3674	1.8234	1.9509	1.3154	1.3291	1.8326	1.9850
Ta-182	3.7558	3.4953	4.1110	4.1225	3.3997	3.5357	4.2702	4.3665
Ta-182m	4.5237	3.9367	5.2181	5.5147	3.7999	3.8326	5.2563	5.6485
Ta-183	4.1710	3.6382	4.7957	5.0575	3.5134	3.5458	4.8317	5.2129
Ta-184	5.7122	5.3567	6.2397	6.1903	5.2241	5.4470	6.4917	6.5471
Ta-185	2.3491	2.0328	2.7219	2.8843	1.9604	1.9685	2.7354	2.9614
Ta-186	5.1873	5.0046	5.5511	5.3800	4.8813	5.1356	5.8420	5.7497
Tb-146	2.9936	2.9350	3.1127	2.9406	2.8899	3.1040	3.3659	3.1767
Tb-147m	2.2519	2.1529	2.3792	2.3128	2.1077	2.2469	2.5288	2.4631
Tb-147	3.9018	3.7672	4.1137	3.9670	3.6876	3.9294	4.3671	4.2403
Tb-148m	6.3950	6.2374	6.7093	6.3952	6.1164	6.5367	7.1555	6.8656
Tb-148	2.8376	2.7543	2.9758	2.8473	2.7029	2.8924	3.1779	3.0536
Tb-149m	2.9947	2.8694	3.1703	3.0797	2.8060	2.9920	3.3474	3.2796
Tb-149	3.6112	3.4711	3.8335	3.7192	3.3873	3.6024	4.0391	3.9565

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Tb-150m	6.5360	6.3580	6.8793	6.5799	6.2244	6.6341	7.3147	7.0462
Tb-150	3.4227	3.2976	3.6075	3.4777	3.2312	3.4497	3.8399	3.7215
Tb-151	4.9235	4.6965	5.2631	5.1478	4.5731	4.8365	5.4997	5.4737
Tb-151m	1.2506	0.9569	1.5377	1.7385	0.9214	0.8814	1.4978	1.7244
Tb-152m	4.4543	4.2097	4.8051	4.7518	4.0930	4.3115	4.9961	5.0048
Tb-152	3.2323	3.1027	3.4283	3.3315	3.0281	3.2201	3.6129	3.5441
Tb-153	3.3045	3.0744	3.5905	3.5968	2.9824	3.1285	3.7005	3.7957
Tb-154	3.8943	3.7104	4.1360	4.0376	3.6274	3.8553	4.3680	4.2965
Tb-155	3.3461	3.1127	3.6312	3.6387	3.0214	3.1686	3.7329	3.8661
Tb-156	5.6661	5.4084	6.0448	5.9026	5.2764	5.5815	6.3483	6.2861
Tb-156m	1.1167	1.0702	1.1746	1.1696	1.0391	1.1149	1.2291	1.1992
Tb-156n	0.3576	0.2424	0.4678	0.5538	0.2336	0.2076	0.4434	0.5439
Tb-157	0.3857	0.2777	0.4886	0.5659	0.2675	0.2484	0.4687	0.5595
Tb-158	3.0290	2.8103	3.2859	3.2884	2.7385	2.8813	3.4043	3.4737
Tb-160	2.5190	2.4180	2.6806	2.6013	2.3694	2.5104	2.8297	2.7878
Tb-161	1.4844	1.2901	1.6796	1.7699	1.2236	1.2420	1.6749	1.8009
Tb-162	3.2163	3.1181	3.4209	3.2897	3.0499	3.2296	3.6034	3.5413
Tb-163	2.6781	2.6234	2.8257	2.6919	2.5645	2.7224	2.9973	2.8783
Tb-164	5.3065	5.1474	5.6181	5.3963	5.0417	5.3527	5.9654	5.7877
Tb-165	1.2327	1.1679	1.3234	1.2965	1.1466	1.2086	1.4033	1.3736
Tc-101	1.4742	1.4597	1.5449	1.4646	1.4217	1.5121	1.6351	1.5744
Tc-102m	3.3029	3.2705	3.4290	3.2078	3.2164	3.4440	3.7068	3.4705
Tc-102	0.1525	0.1509	0.1589	0.1489	0.1481	0.1581	0.1707	0.1603
Tc-104	3.2077	3.1772	3.3370	3.1318	3.1179	3.3381	3.5913	3.3836
Tc-105	2.7264	2.6702	2.8668	2.7310	2.5736	2.7177	3.0154	2.9328
Tc-91	1.2430	1.2225	1.2866	1.2089	1.1956	1.2818	1.3944	1.3083
Tc-91m	0.8920	0.8781	0.9316	0.8784	0.8551	0.9082	0.9947	0.9376
Tc-92	5.5856	5.4959	5.8373	5.5298	5.3458	5.6922	6.2158	5.9458
Tc-93	2.3832	2.2404	2.5222	2.4849	2.0649	2.1372	2.6022	2.5754
Tc-93m	1.6140	1.5485	1.7042	1.6480	1.4593	1.5290	1.7771	1.7335
Tc-94	5.1066	4.9265	5.3538	5.1471	4.7068	4.9787	5.6356	5.4587
Tc-94m	1.8652	1.8049	1.9504	1.8677	1.7312	1.8373	2.0627	1.9875
Tc-95	2.4647	2.3019	2.6224	2.6010	2.1055	2.1720	2.6731	2.6824
Tc-95m	3.1279	2.9652	3.3320	3.2742	2.7435	2.8349	3.4124	3.4144
Tc-96	5.0612	4.8701	5.3105	5.1211	4.6370	4.8975	5.5745	5.4127
Tc-96m	0.6795	0.6051	0.7391	0.7613	0.5153	0.5061	0.7182	0.7604
Tc-97	1.1342	0.9925	1.2412	1.2993	0.8230	0.7965	1.1895	1.2783
Tc-97m	0.8779	0.7785	0.9544	0.9863	0.6517	0.6344	0.9192	0.9799
Tc-98	2.5571	2.5262	2.6534	2.4898	2.4871	2.6700	2.8644	2.7015
Tc-99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Tc-99m	1.5592	1.5296	1.6483	1.5762	1.4751	1.5536	1.7280	1.6762
Te-113	1.5298	1.5074	1.5852	1.4882	1.4767	1.5833	1.7093	1.6090
Te-114	3.4280	3.2786	3.6231	3.5035	3.1062	3.2638	3.7440	3.6889
Te-115	2.4849	2.4367	2.5879	2.4454	2.3671	2.5230	2.7605	2.6259
Te-115m	2.8283	2.7699	2.9400	2.7766	2.6918	2.8750	3.1410	2.9791
Te-116	2.5309	2.3868	2.6870	2.6259	2.2079	2.2932	2.7070	2.7419
Te-117	2.3791	2.3020	2.4879	2.3742	2.2027	2.3370	2.6128	2.5171
Te-118	1.1861	1.1034	1.2635	1.2458	0.9989	1.0310	1.2557	1.2685
Te-119	2.4914	2.3937	2.6181	2.5154	2.2686	2.3928	2.7194	2.6482
Te-119m	4.2002	4.0890	4.4145	4.2092	3.9192	4.1488	4.6219	4.4659
Te-121	2.5011	2.4023	2.6342	2.5330	2.2707	2.3871	2.7249	2.6526
Te-121m	2.1921	2.1072	2.3406	2.2691	1.9977	2.0855	2.4067	2.3971
Te-123	0.0755	0.0435	0.1057	0.1310	0.0416	0.0323	0.0975	0.1262
Te-123m	2.1782	2.0954	2.3307	2.2566	1.9935	2.0955	2.3992	2.3640
Te-125m	2.0193	1.8710	2.1627	2.1468	1.7109	1.7706	2.1554	2.1904
Te-127	0.0185	0.0182	0.0194	0.0184	0.0177	0.0188	0.0206	0.0197
Te-127m	0.6601	0.5983	0.7198	0.7277	0.5475	0.5608	0.7131	0.7382
Te-129	0.4928	0.4420	0.5468	0.5578	0.4150	0.4235	0.5487	0.5700
Te-129m	0.5281	0.4858	0.5702	0.5695	0.4477	0.4622	0.5704	0.5820
Te-131	1.9289	1.9002	2.0316	1.9258	1.8445	1.9592	2.1435	2.0551
Te-131m	3.1333	3.0758	3.2729	3.0987	2.9964	3.1949	3.4780	3.3391
Te-132	2.7709	2.6778	2.9379	2.8378	2.5443	2.6739	3.0260	2.9955
Te-133	2.2917	2.2682	2.3876	2.2487	2.2222	2.3762	2.5572	2.4253
Te-133m	3.4996	3.4411	3.6509	3.4465	3.3605	3.5910	3.8944	3.7163
Te-134	3.3069	3.2471	3.4738	3.2985	3.1478	3.3360	3.6563	3.5602
Th-223	1.8872	1.6202	2.1557	2.2716	1.5115	1.4953	2.1360	2.3693
Th-224	0.2650	0.2435	0.2931	0.2954	0.2305	0.2360	0.2983	0.3093
Th-226	0.2700	0.2201	0.3164	0.3438	0.1990	0.1906	0.3079	0.3469
Th-227	2.3059	1.9100	2.6857	2.8951	1.7447	1.6932	2.6304	2.9291
Th-228	0.2581	0.1954	0.3130	0.3529	0.1704	0.1549	0.2971	0.3484
Th-229	3.2752	2.6600	3.8540	4.1953	2.4269	2.3254	3.7486	4.2675
Th-230	1.5206	1.5285	1.5832	1.4479	1.4754	1.5567	1.6663	1.5730
Th-231	2.1488	1.6802	2.5580	2.8364	1.4671	1.3614	2.4394	2.8113
Th-232	1.2683	1.2516	1.3300	1.1894	1.2405	1.3289	1.4513	1.2874
Th-233	0.5676	0.4485	0.6812	0.7529	0.4139	0.3931	0.6603	0.7566
Th-234	0.4140	0.3470	0.4778	0.5129	0.3146	0.3059	0.4680	0.5224
Th-235	0.1527	0.1462	0.1629	0.1578	0.1419	0.1494	0.1713	0.1687
Th-236	0.3765	0.3293	0.4247	0.4422	0.3063	0.3059	0.4247	0.4570
Ti-44	2.8638	2.7823	3.0405	2.9578	2.6975	2.8250	3.1400	3.3030
Ti-45	0.0296	0.0185	0.0401	0.0485	0.0179	0.0149	0.0376	0.0472

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ti-51	1.4029	1.3908	1.4661	1.3896	1.3584	1.4496	1.5573	1.4928
Ti-52	2.0542	1.9333	2.2184	2.2032	1.8453	1.9042	2.2866	2.3069
Tl-190	2.2670	2.1401	2.4554	2.4171	2.0808	2.1733	2.5621	2.5754
Tl-190m	5.5455	5.3165	5.9258	5.7485	5.1892	5.4685	6.2466	6.1605
Tl-194	2.5825	2.3837	2.8419	2.8540	2.3081	2.3845	2.9299	3.0280
Tl-194m	7.5478	7.0867	8.1919	8.0955	6.8928	7.1931	8.5427	8.6264
Tl-195	3.9456	3.4388	4.4984	4.7063	3.3088	3.3368	4.5491	4.9149
Tl-196	4.0514	3.7859	4.4093	4.3768	3.6795	3.8315	4.5929	4.6633
Tl-197	3.0382	2.6965	3.4324	3.5590	2.5913	2.6249	3.4705	3.7490
Tl-198	4.4665	4.1667	4.8655	4.8366	4.0493	4.2144	5.0665	5.1532
Tl-198m	5.3471	4.8727	5.9340	6.0098	4.7114	4.8425	6.0949	6.3425
Tl-199	2.9848	2.6319	3.3939	3.5374	2.5229	2.5417	3.4133	3.7208
Tl-200	4.2199	3.9153	4.6192	4.6227	3.7968	3.9372	4.7821	4.9117
Tl-201	2.5773	2.1764	3.0067	3.2231	2.0735	2.0455	2.9779	3.3541
Tl-202	3.0129	2.7297	3.3615	3.4292	2.6319	2.6905	3.4290	3.6187
Tl-204	0.0423	0.0348	0.0500	0.0543	0.0331	0.0323	0.0491	0.0563
Tl-206m	7.2392	7.0132	7.7104	7.4099	6.8379	7.2111	8.1249	7.9743
Tl-206	0.0019	0.0017	0.0022	0.0024	0.0016	0.0016	0.0022	0.0025
Tl-207	0.0036	0.0035	0.0037	0.0035	0.0035	0.0037	0.0040	0.0038
Tl-208	3.0935	3.0395	3.2232	3.0339	2.9907	3.2011	3.4860	3.2976
Tl-209	4.3962	4.2823	4.6348	4.4275	4.1900	4.4325	4.9280	4.7799
Tl-210	4.6410	4.4373	4.9472	4.7993	4.3280	4.5694	5.2305	5.1338
Tm-161	6.1015	5.6378	6.6619	6.7546	5.4791	5.7389	6.8853	7.0085
Tm-162	3.0560	2.8666	3.2968	3.2793	2.8040	2.9558	3.4579	3.4514
Tm-163	4.9801	4.6555	5.3931	5.4082	4.5341	4.7657	5.6132	5.6505
Tm-164	1.4530	1.3182	1.6037	1.6488	1.2825	1.3358	1.6505	1.7018
Tm-165	3.9400	3.6705	4.2917	4.3200	3.5668	3.7384	4.4405	4.4939
Tm-166	4.5863	4.2854	4.9679	4.9607	4.1867	4.4011	5.1947	5.2061
Tm-167	2.6613	2.3835	2.9820	3.1034	2.3074	2.3780	3.0372	3.1790
Tm-168	5.1405	4.8296	5.5735	5.5477	4.7081	4.9398	5.8065	5.8353
Tm-170	0.1427	0.1162	0.1699	0.1867	0.1126	0.1106	0.1676	0.1904
Tm-171	0.0220	0.0189	0.0253	0.0271	0.0182	0.0185	0.0254	0.0274
Tm-172	0.9420	0.8452	1.0526	1.0809	0.8265	0.8514	1.0859	1.1300
Tm-173	1.4611	1.4207	1.5532	1.4908	1.3875	1.4690	1.6432	1.5841
Tm-174	6.2043	5.9552	6.6647	6.4866	5.8131	6.1247	6.9891	6.9064
Tm-175	2.4861	2.4083	2.6316	2.5304	2.3595	2.5049	2.7949	2.6939
Tm-176	4.4283	4.2184	4.7649	4.6665	4.1231	4.3389	5.0074	4.9653
U-227	1.8640	1.6335	2.1059	2.1896	1.5210	1.5184	2.0997	2.2785
U-228	0.2861	0.2263	0.3388	0.3743	0.1981	0.1850	0.3244	0.3721
U-230	0.3085	0.2354	0.3712	0.4173	0.2017	0.1833	0.3513	0.4094

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
U-231	3.9578	3.2414	4.6067	4.9850	2.9028	2.7807	4.4684	5.0444
U-232	0.2891	0.2181	0.3497	0.3951	0.1858	0.1673	0.3300	0.3863
U-233	0.1518	0.1132	0.1851	0.2101	0.0970	0.0869	0.1746	0.2056
U-234	1.4779	1.4705	1.5237	1.4145	1.4265	1.5157	1.6146	1.4859
U-235	1.7750	1.7708	1.8554	1.7281	1.7155	1.8017	1.9343	1.8660
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	0.2386	0.1793	0.2890	0.3271	0.1525	0.1370	0.2725	0.3196
U-237	3.3997	2.9808	3.8309	4.0013	2.7526	2.7480	3.8169	4.1171
U-238	1.3087	1.3006	1.3295	1.2524	1.2807	1.3613	1.4506	1.3737
U-239	1.1258	1.0402	1.2254	1.2345	0.9799	1.0032	1.2365	1.3295
U-240	0.7840	0.6071	0.9385	1.0475	0.5281	0.4862	0.8931	1.0332
U-242	0.3699	0.3540	0.3952	0.3891	0.3365	0.3518	0.4090	0.4128
V-47	0.0160	0.0128	0.0193	0.0211	0.0124	0.0121	0.0192	0.0214
V-48	2.8849	2.8133	3.0190	2.8666	2.7739	2.9659	3.2538	3.0948
V-49	0.2092	0.1184	0.2951	0.3670	0.1137	0.0870	0.2716	0.3535
V-50	1.4568	1.3704	1.5672	1.5373	1.3505	1.4249	1.6709	1.6331
V-52	1.3078	1.2972	1.3467	1.2561	1.2806	1.3767	1.4738	1.3650
V-53	1.3812	1.3672	1.4298	1.3359	1.3485	1.4521	1.5451	1.4548
W-177	6.3070	5.6977	7.0599	7.2693	5.5206	5.6704	7.2259	7.5550
W-178	0.8043	0.6054	1.0037	1.1473	0.5802	0.5455	0.9724	1.1389
W-179	2.2439	1.8546	2.6507	2.8980	1.7703	1.7488	2.6211	2.9179
W-179m	1.3884	1.1828	1.6186	1.7415	1.1352	1.1335	1.6180	1.7759
W-181	1.4312	1.2059	1.6752	1.8179	1.1569	1.1537	1.6707	1.8402
W-185m	1.4585	0.9883	1.9168	2.2690	0.9470	0.8315	1.8164	2.2277
W-185	0.0012	0.0011	0.0014	0.0014	0.0010	0.0010	0.0014	0.0015
W-187	1.7140	1.6231	1.8528	1.8296	1.5793	1.6538	1.9365	1.9420
W-188	0.0167	0.0152	0.0188	0.0193	0.0147	0.0150	0.0192	0.0201
W-190	3.1647	2.8069	3.6074	3.7764	2.6975	2.7406	3.6481	3.8948
Xe-120	3.4591	3.2886	3.6701	3.5764	3.0841	3.2283	3.7427	3.7360
Xe-121	2.3559	2.2811	2.4803	2.3786	2.1875	2.3138	2.5901	2.5278
Xe-122	1.5011	1.4103	1.6006	1.5761	1.3086	1.3650	1.6141	1.6229
Xe-123	2.6284	2.5324	2.7858	2.6912	2.4071	2.5359	2.8764	2.8244
Xe-125	3.2195	3.0924	3.4208	3.3170	2.9211	3.0637	3.5079	3.4803
Xe-127	3.2334	3.1232	3.4339	3.3180	2.9636	3.1106	3.5394	3.4966
Xe-127m	2.6120	2.5242	2.7721	2.6821	2.4205	2.5438	2.8751	2.8320
Xe-129m	2.2653	2.1078	2.4279	2.4130	1.9577	2.0421	2.4391	2.4801
Xe-131m	0.9627	0.8858	1.0414	1.0446	0.8218	0.8524	1.0418	1.0681
Xe-133	1.3779	1.3106	1.4642	1.4333	1.2479	1.3071	1.4882	1.5453
Xe-133m	1.0824	1.0093	1.1638	1.1554	0.9412	0.9800	1.1720	1.1912
Xe-135	1.4125	1.3964	1.4991	1.4148	1.3577	1.4327	1.5702	1.5398

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Xe-135m	1.2431	1.2169	1.3036	1.2363	1.1816	1.2539	1.3805	1.3141
Xe-137	0.4550	0.4504	0.4758	0.4466	0.4411	0.4698	0.5091	0.4789
Xe-138	1.8352	1.7608	1.9672	1.9024	1.7219	1.8151	2.0767	2.0336
Y-81	2.3629	2.1664	2.5824	2.6009	2.0304	2.0694	2.6221	2.7386
Y-83	1.6833	1.4948	1.8526	1.8988	1.3569	1.3723	1.8595	1.9445
Y-83m	1.5033	1.4158	1.6259	1.6002	1.3327	1.3769	1.6680	1.6824
Y-84m	4.3504	4.2823	4.5185	4.2498	4.2078	4.5158	4.8680	4.6004
Y-85	1.3050	1.2110	1.4113	1.3995	1.1387	1.1747	1.4552	1.4546
Y-85m	1.4786	1.3634	1.6033	1.5980	1.2773	1.3159	1.6517	1.6711
Y-86	4.9792	4.7646	5.2657	5.0833	4.5920	4.8487	5.5743	5.4143
Y-86m	1.5733	1.5439	1.6768	1.6060	1.4901	1.5615	1.7564	1.7317
Y-87	2.3248	2.0615	2.5758	2.6419	1.8758	1.8823	2.5887	2.6949
Y-87m	1.2785	1.2242	1.3635	1.3243	1.1669	1.2220	1.4215	1.3935
Y-88	3.6760	3.4016	3.9551	3.9199	3.2081	3.3344	4.1138	4.1099
Y-89m	1.3188	1.3027	1.3665	1.2807	1.2831	1.3812	1.4734	1.3901
Y-90	0.0001	0.0001	0.0002	0.0002	0.0001	0.0001	0.0001	0.0002
Y-90m	2.8197	2.7784	2.9779	2.8286	2.6899	2.8350	3.1438	3.0364
Y-91	0.0034	0.0034	0.0035	0.0033	0.0034	0.0036	0.0039	0.0036
Y-91m	1.2664	1.2429	1.3256	1.2531	1.2124	1.2883	1.4159	1.3418
Y-92	0.3494	0.3458	0.3620	0.3388	0.3405	0.3659	0.3912	0.3673
Y-93	0.1819	0.1801	0.1907	0.1792	0.1762	0.1876	0.2031	0.1949
Y-94	1.0318	1.0209	1.0684	0.9996	1.0063	1.0829	1.1546	1.0857
Y-95	0.7820	0.7752	0.8060	0.7502	0.7661	0.8269	0.8808	0.8195
Yb-162	3.2280	2.9756	3.5531	3.6113	2.8902	3.0091	3.6595	3.7390
Yb-163	2.4091	2.1374	2.7102	2.8317	2.0756	2.1361	2.7675	2.8966
Yb-164	1.5052	1.3389	1.6844	1.7702	1.2955	1.3403	1.7143	1.7923
Yb-165	3.9740	3.4159	4.5649	4.8777	3.3109	3.3528	4.5855	4.9817
Yb-166	2.8070	2.5049	3.1364	3.2863	2.4257	2.5078	3.1900	3.3523
Yb-167	5.7875	5.1842	6.4816	6.7414	5.0308	5.1802	6.6073	6.9321
Yb-169	6.3458	5.8190	7.0055	7.1841	5.6289	5.8471	7.1907	7.4091
Yb-175	0.2413	0.2299	0.2603	0.2561	0.2238	0.2349	0.2718	0.2705
Yb-177	0.8742	0.8340	0.9419	0.9266	0.8119	0.8546	0.9853	0.9758
Yb-178	0.1677	0.1590	0.1817	0.1788	0.1550	0.1626	0.1899	0.1884
Yb-179	2.5985	2.5320	2.7412	2.6211	2.4805	2.6366	2.9205	2.8050
Zn-60	1.6008	1.5616	1.6902	1.6240	1.5231	1.6183	1.7948	1.7410
Zn-61	0.5927	0.5826	0.6187	0.5829	0.5733	0.6129	0.6679	0.6288
Zn-62	1.9637	1.6103	2.3272	2.5226	1.5643	1.5480	2.3191	2.5661
Zn-63	0.2717	0.2467	0.3011	0.3045	0.2424	0.2518	0.3137	0.3197
Zn-65	1.3878	1.0737	1.7009	1.8988	1.0485	1.0082	1.6809	1.9103
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Zn-69m	1.2754	1.2449	1.3518	1.2877	1.2181	1.2894	1.4351	1.3721
Zn-71	0.6951	0.6875	0.7251	0.6809	0.6746	0.7193	0.7772	0.7321
Zn-71m	3.9245	3.8823	4.1009	3.8535	3.8066	4.0595	4.3931	4.1472
Zn-72	2.6996	2.2558	3.1895	3.4342	2.1720	2.1415	3.1704	3.4918
Zr-85	1.2580	1.2281	1.3243	1.2598	1.1907	1.2608	1.4051	1.3424
Zr-86	3.9145	3.4999	4.3158	4.4247	3.1258	3.1282	4.2773	4.5089
Zr-87	0.3046	0.2646	0.3377	0.3528	0.2325	0.2302	0.3341	0.3547
Zr-88	2.4603	2.2295	2.6920	2.7311	2.0302	2.0594	2.7140	2.7914
Zr-89	2.2265	2.0441	2.4026	2.4068	1.8937	1.9536	2.4591	2.4918
Zr-89m	1.3191	1.2878	1.3816	1.3122	1.2521	1.3301	1.4744	1.4057
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	1.2462	1.2313	1.2919	1.2124	1.2127	1.3035	1.3943	1.3138
Zr-97	1.5076	1.4874	1.5654	1.4719	1.4610	1.5670	1.6853	1.5913

Table 12: Glass Surface Contamination for 400x400x40 ft room

Nuclide	avg400	ctr400	mid400	cnr400
Ac-223	0.2286	0.2950	0.5410	0.6541
Ac-224	2.6711	3.1838	4.2663	4.8107
Ac-225	0.3246	0.4233	0.7716	0.9243
Ac-226	1.1808	1.4246	1.8685	2.0669
Ac-227	0.0545	0.0789	0.1958	0.2492
Ac-228	1.8044	2.1961	2.8645	3.1400
Ac-230	0.7813	0.9572	1.2860	1.4040
Ac-231	2.6360	3.0969	3.8171	4.1508
Ac-232	1.2734	1.5552	2.0030	2.1639
Ac-233	1.1534	1.3580	1.5880	1.6725
Ag-100m	2.2173	2.6292	2.8199	2.8843
Ag-101	1.9186	2.2502	2.5533	2.6751
Ag-102m	1.4446	1.7146	1.9125	1.9534
Ag-102	3.3809	4.0070	4.3758	4.4788
Ag-103	2.2561	2.6847	3.1513	3.3707
Ag-104	4.2357	5.0599	5.6699	5.8744
Ag-104m	1.7367	2.0567	2.3413	2.4089
Ag-105	2.4082	2.8591	3.4761	3.6676
Ag-105m	0.0196	0.0280	0.0728	0.0957
Ag-106	0.4862	0.5891	0.7663	0.8132
Ag-106m	5.1734	6.1368	6.9247	7.1545
Ag-108	0.0475	0.0568	0.0695	0.0730
Ag-108m	3.9091	4.6322	5.2870	5.4949
Ag-109m	0.3913	0.4795	0.6791	0.7504
Ag-110	0.0560	0.0661	0.0716	0.0737
Ag-110m	3.8460	4.5673	4.8558	4.9867
Ag-111	0.1047	0.1209	0.1343	0.1392
Ag-111m	0.2120	0.2633	0.3919	0.4396
Ag-112	0.8782	1.0327	1.1086	1.1295
Ag-113m	0.7675	0.9003	1.0404	1.0975
Ag-113	0.2315	0.2684	0.2961	0.3083
Ag-114	0.3665	0.4298	0.4643	0.4720
Ag-115	0.8431	0.9849	1.0857	1.1203
Ag-116	2.1805	2.5697	2.7738	2.8082
Ag-117	1.7054	2.0154	2.1851	2.2632
Ag-99	2.3469	2.7620	3.0382	3.1595
Al-26	1.2379	1.4682	1.5730	1.5827
Al-28	1.2067	1.4309	1.5301	1.5394
Al-29	1.2388	1.4641	1.5789	1.5741

Nuclide	avg400	ctr400	mid400	cnr400
Am-237	2.8185	3.3633	4.4994	5.0669
Am-238	2.7404	3.2935	4.3070	4.7967
Am-239	3.2709	3.9487	5.6269	6.4595
Am-240	2.9378	3.5722	4.8528	5.4375
Am-241	1.3396	1.5219	1.6481	1.5480
Am-242	0.4595	0.5831	0.9711	1.1324
Am-242m	0.2679	0.3634	0.7260	0.8661
Am-243	1.1661	1.3726	1.7305	1.9164
Am-244	2.5220	3.1540	4.4552	4.9801
Am-244m	0.1620	0.2123	0.3795	0.4424
Am-245	0.3561	0.4267	0.5793	0.6595
Am-246	3.5286	4.3814	6.2528	6.9773
Am-246m	1.5841	1.9197	2.3682	2.5484
Am-247	1.3084	1.5570	2.0426	2.3007
Ar-37	0.0179	0.0272	0.0820	0.1105
Ar-39	0.0000	0.0000	0.0000	0.0000
Ar-41	1.2165	1.4370	1.5500	1.5462
Ar-42	0.0000	0.0000	0.0000	0.0000
Ar-43	1.4713	1.7423	1.8635	1.8949
Ar-44	2.3315	2.7615	2.9941	3.0330
As-68	2.8661	3.3923	3.6357	3.7161
As-69	0.4541	0.5410	0.6813	0.7550
As-70	3.7609	4.4522	4.8602	5.0043
As-71	1.6694	2.0715	2.9673	3.3958
As-72	1.2000	1.4556	1.6535	1.7648
As-73	0.7829	1.1409	3.1139	4.1308
As-74	0.9953	1.2025	1.6181	1.8167
As-76	0.7254	0.8491	0.9187	0.9361
As-77	0.0391	0.0453	0.0515	0.0547
As-78	1.6505	1.9466	2.0872	2.1250
As-79	0.0742	0.0868	0.0944	0.0969
At-204	5.1869	6.1201	7.1356	7.5859
At-205	2.7366	3.2612	4.0904	4.5075
At-206	5.3983	6.3687	7.4090	7.8749
At-207	4.2156	5.0169	6.0980	6.6251
At-208	6.4533	7.6843	9.0773	9.7317
At-209	5.8877	7.0302	8.5149	9.2467
At-210	5.0946	6.0417	7.3929	7.9984
At-211	0.6774	0.8147	1.1912	1.3857
At-215	0.0006	0.0007	0.0008	0.0009

Nuclide	avg400	ctr400	mid400	cnr400
At-216	0.0356	0.0422	0.0573	0.0657
At-217	0.0014	0.0016	0.0020	0.0022
At-218	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000
At-220	1.9257	2.2368	2.5922	2.7628
Au-186	3.1360	3.7095	4.4309	4.7452
Au-187	2.5556	3.0687	4.0562	4.5537
Au-190	3.7191	4.3838	5.1990	5.5843
Au-191	3.1835	3.7879	4.8993	5.4844
Au-192	3.4694	4.0981	4.9096	5.2943
Au-193	2.1123	2.5246	3.4128	3.9018
Au-193m	1.4194	1.7111	2.4730	2.8740
Au-194	2.8124	3.3237	4.0879	4.4669
Au-195	1.7698	2.1565	3.2708	3.8800
Au-195m	1.4352	1.7310	2.5002	2.9024
Au-196	2.6053	3.0652	3.8046	4.1693
Au-196m	3.1773	3.9186	5.7995	6.7640
Au-198	1.2018	1.3934	1.5589	1.6054
Au-198m	5.0797	5.9961	7.7184	8.5678
Au-199	1.0353	1.2649	1.5933	1.7602
Au-200	0.4536	0.5303	0.5874	0.6012
Au-200m	5.9721	7.0211	7.9585	8.3808
Au-201	0.1364	0.1684	0.2546	0.2967
Au-202	0.2854	0.3344	0.3672	0.3760
Ba-124	1.8209	2.1434	2.5573	2.7501
Ba-126	2.2053	2.5793	3.0408	3.2545
Ba-127	1.0497	1.2331	1.4881	1.6168
Ba-128	1.0794	1.2654	1.5974	1.7587
Ba-129	1.1573	1.3593	1.6915	1.8512
Ba-129m	4.1461	4.8893	5.6665	5.9823
Ba-131	2.8004	3.2678	3.8452	4.1435
Ba-131m	1.3926	1.6143	1.9703	2.2215
Ba-133	3.1538	3.6625	4.3702	4.7131
Ba-133m	0.9320	1.1097	1.5212	1.7273
Ba-135m	0.8466	0.9918	1.2454	1.3729
Ba-137m	1.1364	1.3388	1.4512	1.5012
Ba-139	0.4061	0.4900	0.5363	0.5583
Ba-140	0.7513	0.9066	1.2303	1.3821
Ba-141	2.4773	2.8956	3.2045	3.3021
Ba-142	2.2005	2.5748	2.8526	2.9839

Nuclide	avg400	ctr400	mid400	cnr400
Be-10	0.0000	0.0000	0.0000	0.0000
Be-7	0.1229	0.1429	0.1566	0.1594
Bi-197	3.1257	3.7337	4.6587	5.1224
Bi-200	6.1968	7.2725	8.6210	9.2468
Bi-201	3.2019	3.8229	4.7200	5.1644
Bi-202	5.7043	6.7358	7.8814	8.4266
Bi-203	3.9187	4.6792	5.6412	6.1202
Bi-204	5.7569	6.8264	8.0502	8.6480
Bi-205	2.9800	3.5600	4.4471	4.8823
Bi-206	6.6291	7.8914	9.2465	9.9143
Bi-207	3.3986	4.0255	4.9178	5.3412
Bi-208	1.9590	2.3691	3.0408	3.3258
Bi-210	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.2812	1.4866	1.7343	1.8696
Bi-211	0.2011	0.2342	0.2743	0.2913
Bi-212n	0.0000	0.0000	0.0000	0.0000
Bi-212	0.2101	0.2677	0.4202	0.4929
Bi-213	0.3961	0.4620	0.5349	0.5620
Bi-214	1.6200	1.9110	2.0644	2.1042
Bi-215	0.9546	1.1173	1.3392	1.4505
Bi-216	1.7777	2.0725	2.2995	2.3668
Bk-245	2.8461	3.3997	4.5492	5.1808
Bk-246	2.7944	3.4280	4.6454	5.2170
Bk-247	1.4889	1.7278	2.0975	2.3259
Bk-248m	0.6091	0.7460	1.0873	1.2460
Bk-249	0.0000	0.0000	0.0000	0.0000
Bk-250	1.3647	1.6388	1.9862	2.1236
Bk-251	1.4417	1.7600	2.4801	2.8468
Br-72	2.3313	2.7785	3.0470	3.1513
Br-73	1.4352	1.6932	1.9454	2.0879
Br-74	2.6497	3.1390	3.4747	3.5491
Br-74m	3.2431	3.8453	4.2190	4.3337
Br-75	1.7402	2.0474	2.4753	2.6863
Br-76	2.3770	2.8498	3.4377	3.6521
Br-76m	1.2034	1.5745	2.7201	3.2144
Br-77	1.2992	1.6265	2.6023	3.0505
Br-77m	0.4716	0.6343	1.2676	1.5558
Br-78	0.1890	0.2297	0.3093	0.3444
Br-80	0.1190	0.1464	0.2074	0.2348
Br-80m	0.9672	1.3138	2.5205	3.0416

Nuclide	avg400	ctr400	mid400	cnr400
Br-82m	0.2941	0.4384	1.0790	1.3517
Br-82	3.9085	4.6342	4.9406	5.0619
Br-83	0.0152	0.0178	0.0196	0.0200
Br-84m	3.6368	4.2895	4.6180	4.7114
Br-84	1.3358	1.5924	1.6922	1.7187
Br-85	0.0871	0.1042	0.1101	0.1135
C-10	1.1681	1.3942	1.4703	1.5148
C-11	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0319	0.0485	0.1465	0.1974
Ca-45	0.0000	0.0000	0.0000	0.0000
Ca-47	1.0680	1.2626	1.3596	1.3620
Ca-49	1.1913	1.4238	1.5191	1.4937
Cd-101	2.6798	3.1495	3.5738	3.7509
Cd-102	2.2387	2.6519	3.1645	3.3357
Cd-103	2.1789	2.6096	3.0806	3.2173
Cd-104	1.9593	2.3290	2.9125	3.1469
Cd-105	1.5207	1.8230	2.1887	2.2954
Cd-107	1.1356	1.3961	1.9712	2.1629
Cd-109	1.0557	1.2999	1.8456	2.0270
Cd-111m	2.0507	2.4091	2.7934	2.9967
Cd-113	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0008	0.0010	0.0013	0.0014
Cd-115	0.4917	0.5741	0.6384	0.6573
Cd-115m	0.0410	0.0486	0.0520	0.0531
Cd-117	1.7066	1.9966	2.1881	2.2554
Cd-117m	1.9640	2.3206	2.4928	2.5309
Cd-118	0.0000	0.0000	0.0000	0.0000
Cd-119	2.0513	2.4077	2.6160	2.6889
Cd-119m	2.3256	2.7456	2.9574	3.0114
Ce-130	2.7826	3.2741	3.8086	4.1345
Ce-131	2.9755	3.5189	4.0781	4.3398
Ce-132	2.6181	3.1023	3.6111	3.8218
Ce-133	2.4082	2.8027	3.3483	3.6747
Ce-133m	4.2441	4.9891	5.6565	5.9729
Ce-134	0.9117	1.0836	1.3748	1.5214
Ce-135	3.0849	3.6168	4.1626	4.4286
Ce-137	0.9954	1.1991	1.6510	1.8794
Ce-137m	0.8351	0.9963	1.2318	1.3580
Ce-139	2.1283	2.5559	2.9787	3.1875

Nuclide	avg400	ctr400	mid400	cnr400
Ce-141	0.9096	1.0916	1.1919	1.2833
Ce-143	1.7048	2.0129	2.3160	2.4740
Ce-144	0.2880	0.3412	0.3839	0.4229
Ce-145	2.6500	3.1565	3.5790	3.7986
Cf-244	0.0991	0.1331	0.2558	0.3010
Cf-246	0.0683	0.0916	0.1755	0.2064
Cf-247	1.9275	2.3918	3.6706	4.2679
Cf-248	0.0821	0.1100	0.2100	0.2469
Cf-249	1.3703	1.6251	2.0479	2.2053
Cf-250	0.0756	0.0992	0.1770	0.2056
Cf-251	1.6571	2.0107	2.7805	3.1498
Cf-252	0.6688	0.7961	0.9323	0.9810
Cf-253	0.2255	0.2982	0.5619	0.6653
Cf-254	22.3161	26.2163	28.4198	29.1739
Cf-255	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0000	0.0000	0.0000	0.0001
Cl-34m	1.4293	1.7049	1.8153	1.8635
Cl-36	0.0003	0.0004	0.0012	0.0016
Cl-38	0.8945	1.0620	1.1351	1.1391
Cl-39	1.7992	2.1045	2.2843	2.3419
Cl-40	2.3532	2.7935	2.9868	2.9888
Cm-238	1.3623	1.6329	2.2432	2.5742
Cm-239	2.9570	3.5327	4.5045	4.9746
Cm-240	0.1079	0.1469	0.2920	0.3458
Cm-241	3.1356	3.8061	5.3382	6.0311
Cm-242	0.0968	0.1318	0.2622	0.3105
Cm-243	1.5923	1.9360	2.8366	3.2663
Cm-244	0.0830	0.1131	0.2251	0.2666
Cm-245	1.7373	2.1041	2.9804	3.4194
Cm-246	0.0710	0.0959	0.1855	0.2187
Cm-247	1.0211	1.1830	1.3306	1.3778
Cm-248	1.8016	2.1282	2.3837	2.4736
Cm-249	0.1027	0.1392	0.3112	0.3999
Cm-250	17.6168	20.6969	22.4514	23.0513
Cm-251	0.3880	0.4616	0.5756	0.6267
Co-54m	3.6098	4.2344	4.5964	4.6573
Co-55	1.6140	1.9185	2.1452	2.2430
Co-56	3.1585	3.7988	4.3465	4.5641
Co-57	1.6921	2.0592	2.9646	3.5709
Co-58	1.2917	1.5979	1.9892	2.2133

Nuclide	avg400	ctr400	mid400	cnr400
Co-58m	0.1282	0.1949	0.5871	0.7909
Co-60	2.4656	2.9104	3.1362	3.1481
Co-60m	0.1695	0.2472	0.6797	0.9047
Co-61	1.1566	1.3351	1.4591	1.5610
Co-62	1.4307	1.6898	1.8187	1.8310
Co-62m	2.5398	2.9992	3.2281	3.2534
Cr-48	2.7475	3.1767	3.6651	4.0360
Cr-49	1.3842	1.6023	1.7333	1.8659
Cr-51	0.1983	0.2556	0.4928	0.6131
Cr-55	0.0005	0.0006	0.0007	0.0007
Cr-56	1.7990	2.0781	2.5435	2.8376
Cs-121	1.0229	1.2052	1.3510	1.4200
Cs-121m	1.9003	2.2302	2.5425	2.6490
Cs-123	1.5308	1.7771	2.0583	2.2105
Cs-124	0.5235	0.6109	0.6872	0.7138
Cs-125	1.2932	1.5137	1.7850	1.9117
Cs-126	0.8841	1.0311	1.1714	1.2207
Cs-127	2.0624	2.4081	2.8526	3.0563
Cs-128	0.6685	0.7818	0.9220	0.9768
Cs-129	2.0024	2.3453	2.8606	3.0857
Cs-130m	1.7130	2.0022	2.5124	2.7891
Cs-130	0.5458	0.6430	0.8166	0.8966
Cs-131	0.8488	1.0009	1.3004	1.4411
Cs-132	2.0493	2.4166	2.8086	2.9888
Cs-134	2.6170	3.1091	3.3022	3.3938
Cs-134m	0.6122	0.7406	1.0759	1.2651
Cs-135	0.0000	0.0000	0.0000	0.0000
Cs-135m	2.3461	2.8343	2.9688	3.0752
Cs-136	3.6777	4.3543	4.6931	4.8530
Cs-137	1.4460	1.6823	1.7732	1.8465
Cs-138m	1.2502	1.4702	1.7612	1.8768
Cs-138	2.4023	2.8298	3.0540	3.0972
Cs-139	0.2468	0.2919	0.3136	0.3149
Cs-140	1.6175	1.9085	2.0480	2.0746
Cu-57	0.1263	0.1493	0.1608	0.1638
Cu-59	0.6051	0.7142	0.7795	0.7976
Cu-60	2.4347	2.8924	3.1377	3.1786
Cu-61	0.5265	0.6373	0.8916	1.0219
Cu-62	0.0111	0.0144	0.0269	0.0331
Cu-64	0.0823	0.1233	0.3586	0.4806

Nuclide	avg400	ctr400	mid400	cnr400
Cu-66	0.1196	0.1408	0.1513	0.1554
Cu-67	1.0660	1.2522	1.4813	1.5902
Cu-69	0.7077	0.8368	0.8950	0.9188
Dy-148	2.1770	2.5824	2.9629	3.1463
Dy-149	3.4672	4.1191	4.6917	5.0009
Dy-150	1.4262	1.6815	1.9600	2.0808
Dy-151	3.1923	3.8039	4.4534	4.7497
Dy-152	2.2527	2.6418	3.0818	3.3444
Dy-153	4.1480	4.9152	5.7549	6.1996
Dy-154	0.0000	0.0000	0.0000	0.0000
Dy-155	2.8417	3.3569	3.8984	4.1514
Dy-157	2.3070	2.7221	3.1730	3.3833
Dy-159	1.2553	1.5130	1.8664	2.0554
Dy-165m	0.2618	0.3309	0.5729	0.7021
Dy-165	0.2192	0.2567	0.3050	0.3330
Dy-166	0.9514	1.1331	1.4861	1.6776
Dy-167	1.9264	2.2487	2.5515	2.7054
Dy-168	1.8517	2.1846	2.5644	2.7176
Er-154	1.4109	1.6977	2.2830	2.5777
Er-156	1.6856	2.0621	3.0133	3.5057
Er-159	2.6612	3.1461	3.6653	3.9050
Er-161	2.7952	3.3357	3.9191	4.2146
Er-163	1.0513	1.2536	1.5779	1.7456
Er-165	1.0131	1.2091	1.5304	1.6967
Er-167m	0.8717	1.0275	1.3025	1.4081
Er-169	0.0037	0.0057	0.0169	0.0228
Er-171	2.3696	2.7577	3.2243	3.4959
Er-172	2.1239	2.4885	2.9293	3.1313
Er-173	3.6575	4.2979	4.9745	5.3088
Es-249	2.4978	2.9902	3.8618	4.3126
Es-250	6.8210	8.3670	11.7260	13.2662
Es-250m	2.1800	2.6272	3.4389	3.8586
Es-251	1.7821	2.1963	3.2482	3.7597
Es-253	0.0273	0.0364	0.0694	0.0822
Es-254	0.9194	1.2435	2.5088	3.0236
Es-254m	1.1966	1.4549	1.8796	2.0483
Es-255	0.0009	0.0011	0.0012	0.0012
Es-256	0.1456	0.1896	0.3373	0.3935
Eu-142	0.3135	0.3779	0.4115	0.4280
Eu-142m	4.1239	4.9055	5.4267	5.6700

Nuclide	avg400	ctr400	mid400	cnr400
Eu-143	0.6060	0.7293	0.8251	0.8731
Eu-144	0.2705	0.3269	0.3683	0.3881
Eu-145	2.4008	2.8957	3.2407	3.4287
Eu-146	4.1612	4.9771	5.4481	5.6815
Eu-147	2.4659	2.9626	3.3974	3.6510
Eu-148	4.8265	5.7128	6.3117	6.5608
Eu-149	1.1400	1.4072	1.7911	2.0020
Eu-150	4.5277	5.3422	5.9653	6.2173
Eu-150m	0.2021	0.2420	0.2784	0.2963
Eu-152	2.9669	3.5336	3.9612	4.2167
Eu-152m	0.8121	0.9770	1.0964	1.1756
Eu-152n	1.3642	1.6033	2.0951	2.4107
Eu-154	2.4643	2.9126	3.2078	3.4090
Eu-154m	1.5244	1.8300	2.5014	2.8968
Eu-155	1.0615	1.2285	1.4274	1.5828
Eu-156	1.4806	1.7564	1.9472	2.0235
Eu-157	1.8682	2.2271	2.6919	2.9302
Eu-158	1.9555	2.3262	2.6127	2.7542
Eu-159	2.1738	2.5868	3.0126	3.2635
F-17	0.0004	0.0005	0.0005	0.0005
F-18	0.0000	0.0000	0.0000	0.0000
Fe-52	1.4870	1.8082	2.0815	2.2081
Fe-53	0.5309	0.6155	0.6889	0.7102
Fe-53m	3.4982	4.1380	4.4262	4.5106
Fe-55	0.1060	0.1613	0.4867	0.6557
Fe-59	1.3029	1.5362	1.6574	1.6748
Fe-60	0.0000	0.0000	0.0000	0.0000
Fe-61	1.7456	2.0496	2.2135	2.2672
Fe-62	1.1703	1.3631	1.4884	1.5132
Fm-251	1.7063	2.0750	2.9038	3.3532
Fm-252	0.0740	0.0975	0.1786	0.2086
Fm-253	1.3939	1.7451	2.7436	3.1927
Fm-254	0.0837	0.1090	0.1918	0.2224
Fm-255	0.7685	1.0263	1.9816	2.3523
Fm-256	16.5932	19.4983	21.1547	21.7245
Fm-257	1.8179	2.2215	3.1599	3.6043
Fr-212	2.9289	3.5017	4.5572	5.0348
Fr-219	0.0148	0.0173	0.0204	0.0217
Fr-220	0.2021	0.2560	0.4323	0.5148
Fr-221	0.2237	0.2623	0.3260	0.3513

Nuclide	avg400	ctr400	mid400	cnr400
Fr-222	1.3648	1.6464	2.2813	2.5307
Fr-223	1.0286	1.2526	1.8000	2.0341
Fr-224	1.5145	1.8080	2.2299	2.4156
Fr-227	2.4177	2.8403	3.5172	3.8731
Ga-64	1.7854	2.1217	2.2816	2.3220
Ga-65	1.4778	1.7566	2.2238	2.5513
Ga-66	1.2757	1.5487	1.9656	2.1441
Ga-67	1.5072	1.8434	2.9355	3.5223
Ga-68	0.0710	0.0925	0.1761	0.2186
Ga-70	0.0135	0.0163	0.0207	0.0228
Ga-72	2.6708	3.1896	3.3819	3.4580
Ga-73	1.7558	2.1562	3.3680	3.9818
Ga-74	2.9608	3.4906	3.7492	3.7974
Gd-142	1.3609	1.6228	1.8356	1.9328
Gd-143m	3.5362	4.1872	4.6959	4.9749
Gd-144	0.9451	1.1384	1.3150	1.4017
Gd-145m	1.3198	1.5961	1.9177	2.0868
Gd-145	2.1168	2.5375	2.8250	2.9376
Gd-146	4.2248	5.0643	5.7906	6.3416
Gd-147	4.2142	4.9893	5.6146	5.9076
Gd-148	0.0000	0.0000	0.0000	0.0000
Gd-149	3.1545	3.7845	4.2865	4.5808
Gd-150	0.0000	0.0000	0.0000	0.0000
Gd-151	1.3433	1.6522	2.1207	2.3749
Gd-152	0.0000	0.0000	0.0000	0.0000
Gd-153	2.2695	2.7043	3.1697	3.4858
Gd-159	0.4219	0.4998	0.5885	0.6317
Gd-162	1.2792	1.4962	1.7368	1.8224
Ge-66	2.1622	2.6259	3.7128	4.2684
Ge-67	1.5933	1.9253	2.1232	2.2128
Ge-68	0.2611	0.3972	1.1956	1.6095
Ge-69	1.0979	1.3646	2.0671	2.4133
Ge-71	0.2649	0.4028	1.2126	1.6324
Ge-75	0.1715	0.1973	0.2198	0.2327
Ge-77	2.9477	3.4288	3.8107	3.9456
Ge-78	1.2805	1.4721	1.6293	1.7204
H-3	0.0000	0.0000	0.0000	0.0000
Hf-167	1.5842	1.8587	2.2311	2.4134
Hf-169	2.3121	2.7176	3.2645	3.5247
Hf-170	3.1391	3.7387	4.7168	5.2525

Nuclide	avg400	ctr400	mid400	cnr400
Hf-172	2.4525	2.9588	4.1858	4.8546
Hf-173	3.8180	4.4817	5.2724	5.8463
Hf-174	0.0000	0.0000	0.0000	0.0000
Hf-175	2.4241	2.8471	3.4880	3.8025
Hf-177m	13.2390	15.4856	18.3859	19.8124
Hf-178m	9.4354	10.9984	13.0107	13.9089
Hf-179m	5.4691	6.4588	7.8609	8.5889
Hf-180m	4.8997	5.7184	6.7782	7.2342
Hf-181	2.3735	2.7978	3.2940	3.5884
Hf-182	1.3828	1.6068	1.8460	1.9925
Hf-182m	4.1777	4.9253	5.9577	6.4904
Hf-183	2.1502	2.5388	2.8338	3.0118
Hf-184	2.2553	2.7917	4.2094	4.9810
Hg-190	2.8386	3.4315	4.5720	5.2492
Hg-191m	4.6918	5.5463	6.9380	7.6596
Hg-192	2.7887	3.3383	4.5717	5.2445
Hg-193	2.8336	3.4018	4.5153	5.0836
Hg-193m	2.7810	3.2996	4.1165	4.5164
Hg-194	0.1621	0.2448	0.6873	0.9040
Hg-195	1.7074	2.0873	3.1191	3.6615
Hg-195m	1.7441	2.1796	3.6303	4.3666
Hg-197	1.5558	1.8964	2.9001	3.4373
Hg-197m	1.4221	1.7556	2.6862	3.2066
Hg-199m	1.9955	2.4347	3.2619	3.6982
Hg-203	1.2553	1.4544	1.6946	1.8281
Hg-205	0.0426	0.0499	0.0613	0.0650
Hg-206	0.5908	0.6894	0.8195	0.8831
Hg-207	3.4288	4.0328	4.5220	4.7094
Ho-150	1.8103	2.1705	2.3283	2.4233
Ho-153	2.3165	2.7190	3.1040	3.2979
Ho-153m	2.7129	3.1973	3.6887	3.9566
Ho-154m	5.5079	6.4391	7.1758	7.4327
Ho-154	2.8767	3.3721	3.7566	3.9030
Ho-155	2.2948	2.7268	3.2954	3.5910
Ho-156	4.1080	4.8477	5.4495	5.8055
Ho-157	3.4999	4.1480	4.9366	5.3391
Ho-159	3.9204	4.6354	5.4407	5.9597
Ho-160	4.1695	4.9576	5.6764	6.0454
Ho-161	1.5872	1.9130	2.5213	2.8371
Ho-162	1.3865	1.6608	2.0989	2.3301

Nuclide	avg400	ctr400	mid400	cnr400
Ho-162m	2.5285	3.0322	3.8383	4.2308
Ho-163	0.0043	0.0065	0.0195	0.0263
Ho-164	0.7761	0.9309	1.1898	1.3283
Ho-164m	1.3485	1.6566	2.4565	2.8734
Ho-166	0.2771	0.3330	0.4791	0.5582
Ho-166m	4.5015	5.3440	6.0575	6.3933
Ho-167	1.7018	1.9797	2.2869	2.4131
Ho-168	1.6939	2.0331	2.3098	2.4624
Ho-168m	0.2300	0.2946	0.5363	0.6618
Ho-170	4.0445	4.7801	5.4753	5.8464
I-118m	5.0587	5.9443	6.4493	6.6186
I-118	1.7357	2.0374	2.2163	2.2711
I-119	1.8435	2.1387	2.4753	2.6616
I-120	2.1958	2.5874	2.8602	2.9367
I-120m	4.4092	5.1723	5.6516	5.7943
I-121	2.1802	2.5482	3.0579	3.2365
I-122	0.4568	0.5385	0.6324	0.6711
I-123	2.2035	2.6556	3.0957	3.3129
I-124	1.8059	2.1307	2.4719	2.6113
I-125	1.6293	1.9354	2.5366	2.8130
I-126	1.3428	1.5782	1.8314	1.9356
I-128	0.2276	0.2659	0.3072	0.3216
I-129	0.8989	1.0633	1.3530	1.4909
I-130m	0.4186	0.4976	0.6425	0.7078
I-130	3.9339	4.6350	4.9764	5.0997
I-131	1.5364	1.7750	2.0863	1.9127
I-132	3.5071	4.1628	4.4263	4.5470
I-132m	1.1219	1.3436	1.6672	1.8179
I-133	1.2378	1.4471	1.5716	1.6024
I-134m	2.1075	2.4581	2.9176	3.1517
I-134	3.6769	4.3745	4.6528	4.7940
I-135	1.6447	1.9400	2.0902	2.1165
In-103	2.7220	3.2255	3.5417	3.6204
In-105	2.4884	2.9378	3.2625	3.4501
In-106	4.3585	5.1500	5.5738	5.7484
In-106m	2.0062	2.3681	2.5684	2.6233
In-107	2.3341	2.7589	3.2182	3.3397
In-108	5.8489	6.9156	7.6488	7.9357
In-108m	2.1879	2.5958	2.9145	3.0028
In-109	2.4660	2.9129	3.5028	3.6700

Nuclide	avg400	ctr400	mid400	cnr400
In-109m	1.1383	1.3394	1.4493	1.4937
In-110	5.3700	6.3913	7.0951	7.3933
In-110m	1.6056	1.9055	2.1468	2.2346
In-111	3.3723	4.0036	4.6858	4.9736
In-111m	1.1140	1.3033	1.4483	1.4890
In-112	0.3276	0.3969	0.5253	0.5712
In-112m	0.7765	0.9428	1.2139	1.3286
In-113m	1.0417	1.2189	1.4284	1.4979
In-114	0.0062	0.0074	0.0094	0.0101
In-114m	0.6786	0.8137	1.0345	1.1164
In-115	0.0000	0.0000	0.0000	0.0000
In-115m	0.9259	1.0902	1.3136	1.3973
In-116m	2.6565	3.1331	3.3801	3.4194
In-117	2.5434	3.0393	3.2784	3.3815
In-117m	0.6885	0.8227	0.9596	1.0174
In-118m	3.3253	3.9221	4.2187	4.2849
In-118	0.0821	0.0968	0.1045	0.1049
In-119	1.3482	1.6330	1.8189	1.9207
In-119m	0.1774	0.2136	0.2761	0.3014
In-121	1.3417	1.5904	1.6961	1.7567
In-121m	0.6975	0.8246	1.0004	1.0850
Ir-180	3.3474	3.9700	4.7669	5.2455
Ir-182	3.2461	3.8435	4.6940	5.2110
Ir-183	3.3734	4.0305	5.2105	5.8394
Ir-184	4.8992	5.7965	7.0523	7.7520
Ir-185	3.0806	3.7379	5.2806	6.1060
Ir-186	4.7386	5.6217	6.7964	7.4421
Ir-186m	2.7554	3.2959	3.9968	4.3976
Ir-187	2.1205	2.5647	3.5893	4.1423
Ir-188	3.4631	4.1470	5.0257	5.4643
Ir-189	1.4595	1.7842	2.6969	3.1941
Ir-190	5.2023	6.1364	7.3083	7.8253
Ir-190m	0.1488	0.2260	0.6710	0.8991
Ir-190n	1.2179	1.4775	2.1258	2.4863
Ir-191m	1.4119	1.7426	2.6986	3.2438
Ir-192	2.9076	3.3779	3.8084	3.9738
Ir-192m	0.1753	0.2654	0.7606	1.0074
Ir-192n	0.3736	0.5624	1.5911	2.1035
Ir-193m	0.1536	0.2311	0.6711	0.8963
Ir-194	0.2661	0.3093	0.3454	0.3591

Nuclide	avg400	ctr400	mid400	cnr400
Ir-194m	6.1442	7.1743	8.0234	8.3408
Ir-195	1.1566	1.4041	2.1013	2.4832
Ir-195m	1.9326	2.2954	2.9537	3.2887
Ir-196	0.5373	0.6308	0.6959	0.7215
Ir-196m	6.6075	7.7272	8.8298	9.2580
K-38	1.1996	1.4264	1.5269	1.5252
K-40	0.1320	0.1569	0.1747	0.1791
K-42	0.2255	0.2668	0.2854	0.2879
K-43	2.3623	2.7455	2.9995	3.0739
K-44	1.8498	2.1891	2.3484	2.3673
K-45	2.3033	2.7431	2.9539	2.9972
K-46	1.8365	2.1756	2.3364	2.3269
Kr-74	1.9862	2.3530	2.9944	3.3271
Kr-75	1.8088	2.1728	2.5281	2.7988
Kr-76	2.2345	2.7387	3.9139	4.4223
Kr-77	1.9353	2.3084	2.6481	2.9585
Kr-79	0.8866	1.1420	1.9585	2.3062
Kr-81	0.3521	0.5258	1.3010	1.6306
Kr-81m	1.0840	1.3084	1.6744	1.7778
Kr-83m	0.1520	0.2272	0.5752	0.7279
Kr-85	0.0051	0.0059	0.0065	0.0066
Kr-85m	1.3142	1.5895	1.7545	1.8647
Kr-87	0.9901	1.1597	1.2637	1.2860
Kr-88	1.7679	2.1089	2.3744	2.4275
Kr-89	2.1103	2.4867	2.7004	2.7506
La-128	3.9519	4.6122	5.0685	5.2450
La-129	1.7981	2.0893	2.4081	2.5831
La-130	2.8845	3.3742	3.7338	3.8554
La-131	2.3720	2.7564	3.2201	3.4596
La-132	2.6615	3.1200	3.5082	3.6391
La-132m	2.4411	2.8772	3.2961	3.5533
La-133	1.0564	1.2577	1.7023	1.9203
La-134	0.4244	0.4988	0.6180	0.6741
La-135	0.9300	1.0934	1.3966	1.5431
La-136	0.6268	0.7381	0.9353	1.0313
La-137	0.8767	1.0315	1.3262	1.4693
La-138	1.6664	1.9819	2.2414	2.3467
La-140	2.6053	3.0766	3.3079	3.3756
La-141	0.0234	0.0276	0.0297	0.0297
La-142	1.8477	2.1866	2.3400	2.3664

Nuclide	avg400	ctr400	mid400	cnr400
La-143	0.2637	0.3117	0.3339	0.3390
Lu-165	3.4275	4.0395	4.8167	5.2473
Lu-167	3.7393	4.4262	5.3730	5.8172
Lu-169m	0.1071	0.1628	0.4908	0.6610
Lu-169	3.4824	4.1236	4.9674	5.3701
Lu-170	3.3651	3.9929	4.7477	5.0781
Lu-171m	0.1190	0.1786	0.5237	0.7029
Lu-171	3.0999	3.7401	4.9932	5.6345
Lu-172	4.6205	5.4847	6.5625	7.0933
Lu-172m	0.0963	0.1464	0.4413	0.5943
Lu-173	2.7712	3.2632	4.1111	4.5692
Lu-174	1.3504	1.6133	2.1899	2.4914
Lu-174m	1.4592	1.7968	2.7957	3.3245
Lu-176	3.0595	3.5813	4.3901	4.7260
Lu-176m	0.3124	0.3805	0.6004	0.7231
Lu-177	0.3448	0.4040	0.5010	0.5520
Lu-177m	6.9637	8.1631	9.7223	10.5165
Lu-178	0.3182	0.3807	0.5171	0.5891
Lu-178m	5.7240	6.6434	7.8272	8.3874
Lu-179	0.1939	0.2249	0.2592	0.2700
Lu-180	2.8286	3.3241	3.8685	4.0857
Lu-181	2.1969	2.6276	3.3818	3.7695
Mg-27	1.2238	1.4641	1.5448	1.5958
Mg-28	2.4013	2.8116	3.1411	3.2498
Mn-50m	4.0606	4.8304	5.1430	5.2380
Mn-51	0.0088	0.0113	0.0195	0.0237
Mn-52	3.6911	4.4110	4.8689	5.0661
Mn-52m	1.2239	1.4477	1.5582	1.5676
Mn-53	0.0863	0.1313	0.3963	0.5340
Mn-54	1.2742	1.5646	1.8956	2.0851
Mn-56	1.7077	2.0473	2.1589	2.2116
Mn-57	0.5449	0.6927	1.1715	1.4229
Mn-58m	2.7088	3.2303	3.4329	3.4946
Mo-101	2.1563	2.5514	2.8867	2.9953
Mo-102	0.1408	0.1658	0.1846	0.1927
Mo-89	0.2701	0.3227	0.3600	0.3705
Mo-90	3.2134	3.8291	4.7704	5.2034
Mo-91m	1.1582	1.3713	1.5064	1.5405
Mo-91	0.0441	0.0567	0.0906	0.0996
Mo-93	0.5044	0.6664	1.1737	1.3118

Nuclide	avg400	ctr400	mid400	cnr400
Mo-93m	3.3164	3.9221	4.3716	4.5291
Mo-99	0.4070	0.4894	0.5429	0.5673
N-13	0.0000	0.0000	0.0000	0.0000
N-16	0.8496	1.0216	1.0786	1.0607
Na-22	1.2265	1.4485	1.5636	1.5584
Na-24	2.4105	2.8634	3.0659	3.0532
Nb-87	2.1056	2.5102	3.1532	3.3302
Nb-88m	4.4349	5.2135	5.6670	5.8074
Nb-88	5.5347	6.5310	7.3934	7.6830
Nb-89	0.5130	0.6276	0.7975	0.8390
Nb-89m	1.1494	1.3601	1.5805	1.6363
Nb-90	3.9644	4.7607	5.4801	5.7333
Nb-91	0.4870	0.6550	1.2118	1.3721
Nb-91m	0.4597	0.6029	1.0401	1.1608
Nb-92	2.8795	3.4696	4.2156	4.4526
Nb-92m	1.7503	2.1557	2.8098	3.0231
Nb-93m	0.0960	0.1280	0.2369	0.2710
Nb-94m	0.3503	0.4624	0.8130	0.9103
Nb-94	2.3494	2.8067	2.9616	3.0556
Nb-95	1.1658	1.4071	1.4697	1.5186
Nb-95m	0.6946	0.8568	1.2469	1.3614
Nb-96	3.7959	4.5047	4.8084	4.9321
Nb-97	1.1703	1.3780	1.4722	1.5115
Nb-98m	3.7145	4.4409	4.7043	4.8286
Nb-99	2.2624	2.6797	3.1301	3.4352
Nb-99m	0.8502	1.0029	1.1206	1.1608
Nd-134	2.5883	3.0910	3.4979	3.7150
Nd-135	2.9089	3.4417	4.0124	4.2478
Nd-136	2.3689	2.8282	3.3422	3.6636
Nd-137	2.6422	3.1375	3.5852	3.8152
Nd-138	1.0007	1.2067	1.4717	1.6125
Nd-139	0.9905	1.1869	1.4087	1.5216
Nd-139m	3.9689	4.7184	5.2733	5.6225
Nd-140	0.9109	1.1019	1.3546	1.4904
Nd-141	0.9328	1.1273	1.3783	1.5127
Nd-141m	1.1447	1.3797	1.4597	1.5151
Nd-144	0.0000	0.0000	0.0000	0.0000
Nd-147	1.1842	1.3967	1.5998	1.7312
Nd-149	2.0768	2.4323	2.7374	2.9029
Nd-151	2.4176	2.8377	3.0980	3.2917

Nuclide	avg400	ctr400	mid400	cnr400
Nd-152	0.8690	1.0196	1.2350	1.3447
Ne-19	0.0002	0.0003	0.0003	0.0003
Ne-24	1.2755	1.4859	1.6242	1.6556
Ni-56	4.2426	5.1397	5.8942	6.3126
Ni-57	1.5508	1.8583	2.2435	2.4191
Ni-59	0.1497	0.2277	0.6872	0.9258
Ni-63	0.0000	0.0000	0.0000	0.0000
Ni-65	0.5579	0.6576	0.7079	0.7165
Ni-66	0.0000	0.0000	0.0000	0.0000
Np-232	4.0375	4.8562	6.2717	6.9387
Np-233	1.4376	1.7191	2.4061	2.7648
Np-234	2.3612	2.8593	3.8659	4.3192
Np-235	0.3432	0.4802	1.0401	1.2645
Np-236	2.8278	3.5529	5.5446	6.4049
Np-236m	0.7888	0.9538	1.3852	1.5985
Np-237	0.9570	1.2253	2.1097	2.4742
Np-238	1.0707	1.3200	1.8144	2.0043
Np-239	2.1630	2.5989	3.6389	4.1615
Np-240	3.2402	3.9574	5.3727	5.9485
Np-240m	0.8639	1.0663	1.5057	1.6678
Np-241	0.5490	0.6630	0.9255	1.0577
Np-242	0.3327	0.4043	0.4905	0.5222
Np-242m	2.7049	3.3718	4.6895	5.2318
O-14	1.1908	1.4178	1.5142	1.5104
O-15	0.0000	0.0000	0.0000	0.0000
O-19	2.0714	2.4209	2.7022	2.7243
Os-180	1.6417	2.0116	3.0308	3.5594
Os-181	4.1552	4.9449	6.1229	6.7835
Os-182	2.7091	3.2473	4.2790	4.8070
Os-183	3.9658	4.6979	5.9297	6.6061
Os-183m	2.2916	2.7339	3.4238	3.7823
Os-185	2.2211	2.6491	3.2971	3.6475
Os-186	0.0000	0.0000	0.0000	0.0000
Os-189m	0.1419	0.2157	0.6432	0.8633
Os-190m	4.9510	5.8530	7.0405	7.5165
Os-191	1.5314	1.8797	2.8365	3.3896
Os-191m	0.2628	0.3586	0.8199	1.0596
Os-193	0.4934	0.5946	0.8227	0.9468
Os-194	0.1945	0.2742	0.6502	0.8400
Os-196	0.5253	0.6193	0.7668	0.8515

Nuclide	avg400	ctr400	mid400	cnr400
P-30	0.0009	0.0011	0.0012	0.0012
P-32	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000
Pa-227	0.5207	0.6544	1.0677	1.2540
Pa-228	4.1239	5.0054	6.8139	7.6257
Pa-229	1.2253	1.4865	2.2071	2.5629
Pa-230	2.3620	2.8658	3.9578	4.4597
Pa-231	0.7736	1.0317	2.0051	2.4127
Pa-232	2.1523	2.6300	3.4320	3.7604
Pa-233	1.7514	2.1252	3.0435	3.4484
Pa-234	4.1816	5.0807	6.6668	7.3819
Pa-234m	0.0341	0.0413	0.0537	0.0593
Pa-235	0.0508	0.0772	0.2322	0.3125
Pa-236	1.5134	1.8389	2.3889	2.6014
Pa-237	1.0559	1.2672	1.4638	1.5604
Pb-194	3.3951	4.0256	5.0786	5.5942
Pb-195m	4.6883	5.5913	7.1113	7.8238
Pb-196	3.0382	3.5924	4.6354	5.1802
Pb-197	3.2395	3.8392	4.6861	5.0924
Pb-197m	4.1130	4.8899	6.2436	6.8859
Pb-198	2.9256	3.4721	4.4908	5.0209
Pb-199	2.7246	3.2279	4.0336	4.4315
Pb-200	2.5941	3.1227	4.2312	4.8442
Pb-201	3.0806	3.6397	4.5522	5.0096
Pb-201m	1.1278	1.3379	1.6762	1.8448
Pb-202	0.1518	0.2299	0.6586	0.8720
Pb-202m	3.8404	4.5519	5.1744	5.4492
Pb-203	2.4884	2.9338	3.8051	4.2786
Pb-204m	3.5840	4.2388	4.6322	4.8161
Pb-205	0.1536	0.2327	0.6666	0.8826
Pb-209	0.0000	0.0000	0.0000	0.0000
Pb-210	0.2400	0.3413	0.7860	0.9864
Pb-211	0.1449	0.1714	0.1937	0.2036
Pb-212	1.2118	1.4201	1.8015	2.0031
Pb-214	1.2850	1.5118	1.8878	2.0651
Pd-100	2.7707	3.2947	4.1609	4.4836
Pd-101	1.8550	2.2715	3.0760	3.2826
Pd-103	0.6539	0.8237	1.2283	1.3256
Pd-107	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.0526	1.2555	1.5103	1.5650

Nuclide	avg400	ctr400	mid400	cnr400
Pd-109	0.3946	0.4835	0.6841	0.7558
Pd-111	0.0904	0.1063	0.1172	0.1210
Pd-112	0.2378	0.3086	0.5154	0.5725
Pd-114	0.1831	0.2127	0.2357	0.2537
Pd-96	2.9369	3.5016	3.9932	4.2630
Pd-97	2.5619	3.0223	3.4010	3.5264
Pd-98	2.4434	2.9032	3.5385	3.8258
Pd-99	2.4237	2.8872	3.3044	3.5274
Pm-136	3.7113	4.3701	4.7342	4.8815
Pm-137m	4.3433	5.1067	5.7215	6.0429
Pm-139	0.7745	0.9199	1.0541	1.1171
Pm-140m	4.0780	4.8306	5.2470	5.4305
Pm-140	0.2996	0.3594	0.4022	0.4229
Pm-141	0.6882	0.8302	0.9741	1.0457
Pm-142	0.2718	0.3291	0.3909	0.4235
Pm-143	1.3740	1.6654	1.9377	2.0915
Pm-144	3.8070	4.5165	5.0093	5.2380
Pm-145	0.9512	1.1579	1.4228	1.5697
Pm-146	2.0834	2.4803	2.7754	2.9132
Pm-147	0.0001	0.0001	0.0001	0.0001
Pm-148	0.7054	0.8315	0.8933	0.9090
Pm-148m	3.9779	4.6633	5.0542	5.2006
Pm-149	0.0490	0.0572	0.0659	0.0705
Pm-150	2.2381	2.6283	2.8509	2.9129
Pm-151	1.6363	1.9343	2.1742	2.2997
Pm-152m	3.7838	4.4343	4.9003	5.2009
Pm-152	0.6926	0.8204	0.9033	0.9728
Pm-153	1.0175	1.2050	1.4125	1.5712
Pm-154	2.0943	2.4929	2.7718	2.8913
Pm-154m	3.5658	4.2178	4.7012	4.9136
Po-203	3.5585	4.2468	5.2883	5.7911
Po-204	4.8080	5.7801	7.8255	8.8797
Po-205	3.4156	4.0791	5.0129	5.4983
Po-206	3.9220	4.7162	6.2899	7.0458
Po-207	3.1062	3.6919	4.5456	4.9850
Po-208	0.0001	0.0001	0.0001	0.0002
Po-209	0.0299	0.0378	0.0660	0.0809
Po-210	0.0000	0.0000	0.0000	0.0000
Po-211	0.0136	0.0161	0.0173	0.0179
Po-212m	0.0549	0.0649	0.0699	0.0704

Nuclide	avg400	ctr400	mid400	cnr400
Po-212	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0001	0.0001	0.0001
Po-214	0.0001	0.0001	0.0002	0.0002
Po-215	0.0005	0.0006	0.0006	0.0007
Po-216	0.0000	0.0000	0.0000	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000
Pr-134	5.1821	6.0685	6.6708	6.8752
Pr-134m	2.3793	2.7864	3.0733	3.1570
Pr-135	1.9198	2.2570	2.6287	2.8131
Pr-136	2.6613	3.1280	3.4624	3.5733
Pr-137	0.8336	0.9976	1.2105	1.3191
Pr-138	0.2821	0.3383	0.4082	0.4447
Pr-138m	4.5297	5.3663	5.9223	6.1999
Pr-139	0.8654	1.0374	1.2837	1.4114
Pr-140	0.4613	0.5531	0.6844	0.7525
Pr-142	0.0450	0.0534	0.0570	0.0576
Pr-142m	0.0068	0.0103	0.0312	0.0420
Pr-143	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0276	0.0328	0.0349	0.0355
Pr-144m	0.3860	0.4749	0.6542	0.7492
Pr-145	0.0397	0.0472	0.0521	0.0547
Pr-146	1.3082	1.5390	1.6630	1.6914
Pr-147	2.3568	2.7984	3.2301	3.4667
Pr-148	1.6826	1.9681	2.1429	2.2052
Pr-148m	2.4764	2.8836	3.1567	3.2623
Pt-184	5.4966	6.6040	8.7899	9.9574
Pt-186	2.8225	3.3769	4.3312	4.8495
Pt-187	3.4274	4.0971	5.4389	6.1774
Pt-188	2.3542	2.8348	3.9160	4.4701
Pt-189	3.1380	3.7659	5.1070	5.8455
Pt-190	0.0000	0.0000	0.0000	0.0000
Pt-191	2.8160	3.3751	4.6038	5.2778
Pt-193	0.1584	0.2402	0.6968	0.9264
Pt-193m	0.3801	0.5064	1.0710	1.3618
Pt-195m	1.6988	2.1144	3.5212	4.2737
Pt-197	0.4662	0.5829	0.9957	1.2054
Pt-197m	1.1209	1.4047	2.3656	2.8576
Pt-199	0.6268	0.7397	0.8837	0.9449
Pt-200	0.8798	1.0735	1.6198	1.9115
Pt-202	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Pu-232	1.0709	1.2812	1.7882	2.0564
Pu-234	1.2018	1.4466	2.0644	2.3818
Pu-235	1.5881	1.9260	2.8108	3.2483
Pu-236	0.1108	0.1535	0.3186	0.3809
Pu-237	1.0648	1.3153	2.0448	2.3845
Pu-238	0.1020	0.1415	0.2943	0.3520
Pu-239	0.0535	0.0754	0.1703	0.2105
Pu-240	0.0961	0.1332	0.2768	0.3310
Pu-241	0.0000	0.0000	0.0001	0.0001
Pu-242	0.0824	0.1142	0.2374	0.2838
Pu-243	0.4660	0.5551	0.7612	0.8613
Pu-244	0.0941	0.1250	0.2296	0.2690
Pu-245	1.4090	1.6626	1.9943	2.1581
Pu-246	1.9002	2.2881	3.0395	3.3940
Ra-219	0.9175	1.0738	1.3102	1.4207
Ra-220	0.0123	0.0143	0.0159	0.0163
Ra-221	0.5845	0.7381	1.1610	1.3596
Ra-222	0.0382	0.0443	0.0504	0.0527
Ra-223	1.4146	1.6865	2.2808	2.5968
Ra-224	0.0632	0.0733	0.0872	0.0945
Ra-225	0.4692	0.6008	0.8499	0.9597
Ra-226	1.3065	1.5356	1.6537	1.6096
Ra-227	1.1951	1.4980	2.4043	2.7916
Ra-228	1.3701	1.6066	1.6899	1.7531
Ra-230	0.7060	0.8450	1.1538	1.3033
Rb-77	1.9296	2.2801	2.5879	2.7317
Rb-78m	3.0489	3.5842	3.8991	3.9896
Rb-78	2.3201	2.7495	3.0438	3.0928
Rb-79	2.1942	2.6571	3.2246	3.4763
Rb-80	0.3445	0.4054	0.4470	0.4618
Rb-81	0.7940	1.0141	1.6113	1.8303
Rb-81m	0.4013	0.5553	1.0913	1.2817
Rb-82	0.2076	0.2556	0.2998	0.3204
Rb-82m	4.2465	5.1243	6.0171	6.3612
Rb-83	1.4535	1.8192	2.6940	3.0132
Rb-84	1.1136	1.4090	1.9765	2.2068
Rb-84m	1.7482	2.0555	2.4942	2.6642
Rb-86m	1.1548	1.3495	1.4748	1.5079
Rb-86	0.1089	0.1283	0.1380	0.1410
Rb-87	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Rb-88	0.4886	0.5812	0.6192	0.6276
Rb-89	2.0893	2.4670	2.6502	2.6869
Rb-90	1.1120	1.3315	1.4092	1.4228
Rb-90m	2.5289	3.0295	3.2199	3.2753
Re-178	2.9664	3.5183	4.4210	4.9082
Re-179	3.6724	4.3409	5.3396	5.8423
Re-180	3.0638	3.6701	4.6300	5.1830
Re-181	3.5939	4.2691	5.4310	6.0336
Re-182	7.1499	8.4767	10.5415	11.6399
Re-182m	3.6759	4.3665	5.4811	6.0844
Re-183	2.6328	3.1946	4.5029	5.2190
Re-184	2.7557	3.3064	4.1286	4.6143
Re-184m	2.4514	2.9499	4.0680	4.6875
Re-186	0.3058	0.3688	0.4862	0.5617
Re-186m	0.7058	0.9605	2.1512	2.7691
Re-187	0.0000	0.0000	0.0000	0.0000
Re-188	0.3655	0.4451	0.5329	0.5836
Re-188m	1.5412	1.8863	2.9115	3.4844
Re-189	0.4025	0.4802	0.6325	0.7064
Re-190	3.7345	4.3837	4.9215	5.1083
Re-190m	3.1858	3.7627	4.5174	4.8755
Rh-100m	1.0618	1.3124	1.8621	2.0106
Rh-100	3.4405	4.1134	4.7884	4.9406
Rh-101	2.8995	3.4478	4.1971	4.4851
Rh-101m	1.7310	2.0737	2.6401	2.7975
Rh-102	1.1273	1.3559	1.7093	1.7937
Rh-102m	4.3731	5.2010	5.9785	6.1979
Rh-103m	0.0803	0.1038	0.1780	0.2046
Rh-104	0.0278	0.0327	0.0372	0.0383
Rh-104m	1.3065	1.5694	2.0129	2.1371
Rh-105	0.3143	0.3635	0.4026	0.4157
Rh-106	0.4034	0.4712	0.5113	0.5215
Rh-106m	4.4943	5.2938	5.7044	5.8294
Rh-107	1.2184	1.4085	1.5586	1.6171
Rh-108	0.7671	0.8919	0.9774	0.9986
Rh-109	1.3842	1.6110	1.8153	1.8934
Rh-94	2.9054	3.4404	3.6889	3.7548
Rh-95	2.0403	2.4326	2.7098	2.7869
Rh-95m	1.2022	1.4164	1.5697	1.6052
Rh-96	4.6670	5.5632	6.0236	6.2023

Nuclide	avg400	ctr400	mid400	cnr400
Rh-96m	1.2445	1.5083	1.7617	1.8372
Rh-97	1.7477	2.0743	2.4112	2.4972
Rh-97m	2.8603	3.4224	4.0281	4.1554
Rh-98	1.3829	1.6346	1.7861	1.8358
Rh-99	2.5214	3.0127	3.8061	4.0438
Rh-99m	1.9749	2.3619	2.9332	3.0812
Rn-207	2.7084	3.1973	3.8845	4.2162
Rn-209	3.0231	3.5750	4.3636	4.7398
Rn-210	0.2148	0.2567	0.3339	0.3706
Rn-211	3.7517	4.4633	5.3724	5.7906
Rn-212	0.0006	0.0007	0.0007	0.0008
Rn-215	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0015	0.0017	0.0019	0.0019
Rn-219	0.2557	0.2965	0.3437	0.3670
Rn-220	1.4407	1.6754	1.8084	1.8014
Rn-222	0.0009	0.0011	0.0012	0.0012
Rn-223	1.3553	1.6645	2.4150	2.7626
Ru-103	1.1692	1.3624	1.4923	1.5190
Ru-105	1.6995	2.0110	2.2212	2.3084
Ru-106	0.0000	0.0000	0.0000	0.0000
Ru-107	0.7036	0.8265	0.9082	0.9300
Ru-108	0.6392	0.7742	0.8679	0.9096
Ru-92	5.9284	7.0368	8.4458	8.9644
Ru-94	1.8423	2.2208	2.8273	2.9896
Ru-95	2.4737	2.9518	3.5593	3.7228
Ru-97	1.9480	2.3317	3.0170	3.1838
S-35	0.0000	0.0000	0.0000	0.0000
S-37	1.1132	1.3309	1.4201	1.3960
S-38	1.0475	1.2433	1.3325	1.3347
Sb-111	2.1390	2.5540	2.7997	2.9266
Sb-113	1.6077	1.8829	2.1453	2.2352
Sb-114	2.0581	2.4365	2.6718	2.7185
Sb-115	1.7304	2.0352	2.3779	2.4994
Sb-116	1.9493	2.3142	2.6031	2.6805
Sb-116m	5.5426	6.5235	7.3512	7.7175
Sb-117	2.1348	2.5894	3.0207	3.2334
Sb-118	0.2594	0.3107	0.3994	0.4377
Sb-118m	5.4942	6.4781	7.4234	7.8389

Nuclide	avg400	ctr400	mid400	cnr400
Sb-119	0.9530	1.1535	1.5898	1.7846
Sb-120	0.4854	0.5830	0.7718	0.8563
Sb-120m	5.8546	6.8406	7.7777	8.1572
Sb-122m	1.8172	2.1346	2.5950	2.8418
Sb-122	0.9129	1.0674	1.1616	1.1887
Sb-124	2.2375	2.6331	2.8253	2.8778
Sb-124m	0.8989	1.0575	1.1981	1.2524
Sb-124n	0.0237	0.0361	0.1088	0.1465
Sb-125	1.6447	1.9315	2.2548	2.3829
Sb-126	5.1021	6.0168	6.4507	6.6310
Sb-126m	3.0707	3.6081	3.8988	4.0066
Sb-127	1.4659	1.7242	1.8681	1.9298
Sb-128	5.6530	6.6900	7.1520	7.3615
Sb-128m	3.6664	4.3524	4.6478	4.7995
Sb-129	1.9905	2.3658	2.5196	2.5881
Sb-130m	4.3007	5.1444	5.4791	5.6455
Sb-130	6.1950	7.3607	7.9151	8.1540
Sb-131	2.5166	2.9742	3.1868	3.2675
Sb-133	2.6588	3.1473	3.3715	3.4242
Sc-42m	3.6473	4.2841	4.6404	4.6865
Sc-43	0.2808	0.3265	0.3756	0.3926
Sc-44	1.2597	1.4859	1.6081	1.6286
Sc-44m	1.1612	1.3368	1.4938	1.5888
Sc-46	2.4685	2.9300	3.1234	3.1998
Sc-47	0.9920	1.2099	1.2734	1.3151
Sc-48	3.8677	4.5616	4.9038	4.9987
Sc-49	0.0007	0.0009	0.0009	0.0009
Sc-50	3.5348	4.1591	4.4800	4.5429
Se-70	1.9145	2.4000	3.9980	4.7789
Se-71	1.3970	1.6758	1.8278	1.9314
Se-72	1.1650	1.5261	2.8600	3.5232
Se-73	2.2999	2.7151	3.4120	3.7569
Se-73m	0.2752	0.3473	0.5849	0.7003
Se-75	2.7672	3.3363	4.5735	5.3064
Se-77m	0.9245	1.1685	1.6068	1.8156
Se-79m	0.4001	0.5521	1.2407	1.5701
Se-79	0.0000	0.0000	0.0000	0.0000
Se-81	0.0237	0.0276	0.0302	0.0316
Se-81m	0.4529	0.6119	1.3049	1.6424
Se-83m	1.2300	1.4466	1.5591	1.5970

Nuclide	avg400	ctr400	mid400	cnr400
Se-83	4.1002	4.8138	5.2269	5.3445
Se-84	1.2282	1.4214	1.5720	1.6074
Si-31	0.0009	0.0010	0.0011	0.0011
Si-32	0.0000	0.0000	0.0000	0.0000
Sm-139	2.1018	2.4712	2.7573	2.8938
Sm-140	1.5998	1.9206	2.2209	2.3859
Sm-141	1.9019	2.2457	2.5191	2.6197
Sm-141m	3.9386	4.6738	5.2295	5.4264
Sm-142	0.8887	1.0890	1.3121	1.4389
Sm-143	0.5730	0.6998	0.8358	0.9119
Sm-143m	1.1452	1.3812	1.4635	1.5202
Sm-145	1.8510	2.2578	2.6952	2.9478
Sm-146	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0009	0.0012	0.0031	0.0041
Sm-153	1.2882	1.5278	1.7727	1.9478
Sm-155	1.3784	1.5778	1.7446	1.9258
Sm-156	1.2015	1.4189	1.7343	1.8985
Sm-157	1.9394	2.2742	2.5765	2.6595
Sn-106	3.1825	3.7446	4.3313	4.5892
Sn-108	3.1515	3.7047	4.3314	4.6042
Sn-109	2.8338	3.3637	3.8610	4.0242
Sn-110	1.9988	2.3463	2.8282	3.0444
Sn-111	0.6995	0.8429	1.0888	1.1855
Sn-113	0.7786	0.9418	1.2723	1.4068
Sn-113m	0.5447	0.6571	0.8950	1.0026
Sn-117m	2.0035	2.4340	2.8166	3.0093
Sn-119m	0.6229	0.7598	1.0858	1.2326
Sn-121	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.2013	0.2450	0.3533	0.4055
Sn-123	0.0080	0.0094	0.0102	0.0104
Sn-123m	1.3626	1.6570	1.7849	1.8568
Sn-125m	1.2677	1.4668	1.6226	1.6719
Sn-125	0.4079	0.4826	0.5167	0.5291
Sn-126	1.1708	1.3607	1.6748	1.8632
Sn-127m	1.1691	1.3628	1.4898	1.5143
Sn-127	2.6077	3.0756	3.3256	3.4161
Sn-128	3.3809	3.9792	4.7502	5.0957
Sn-129	1.5386	1.8100	1.9407	1.9869

Nuclide	avg400	ctr400	mid400	cnr400
Sn-130	3.4873	4.1077	4.6237	4.8342
Sn-130m	2.1364	2.5274	2.8166	2.9785
Sr-79	1.4200	1.7152	2.1473	2.3479
Sr-80	1.2073	1.5187	2.2270	2.4662
Sr-81	1.9846	2.3829	2.6823	2.8240
Sr-82	0.3978	0.5802	1.2553	1.4867
Sr-83	1.4681	1.8871	2.8854	3.2333
Sr-85	1.5266	1.8979	2.7060	2.9666
Sr-85m	1.3984	1.6432	1.9535	2.0858
Sr-87m	1.0692	1.2562	1.4940	1.5626
Sr-89	0.0001	0.0001	0.0001	0.0002
Sr-90	0.0000	0.0000	0.0000	0.0000
Sr-91	0.9951	1.1781	1.2563	1.2934
Sr-92	1.2655	1.4939	1.6092	1.6185
Sr-93	3.2582	3.8683	4.2343	4.3561
Sr-94	1.2651	1.4972	1.6047	1.6142
Ta-170	1.5294	1.8136	2.3379	2.6311
Ta-172	3.4568	4.0873	4.9976	5.4334
Ta-173	2.7334	3.2810	4.3198	4.8733
Ta-174	2.7657	3.2758	4.1872	4.6163
Ta-175	3.7512	4.4357	5.4266	5.9474
Ta-176	3.5597	4.2344	5.1715	5.6126
Ta-177	1.3305	1.5857	2.1107	2.4047
Ta-178	1.3710	1.6382	2.2178	2.5350
Ta-178m	7.0649	8.2361	9.8981	10.7133
Ta-179	0.6461	0.7890	1.1921	1.4071
Ta-180	1.1199	1.3389	1.8266	2.0954
Ta-182	3.0890	3.6502	4.3845	4.7652
Ta-182m	3.2630	3.9676	5.3391	6.0665
Ta-183	3.0223	3.6176	4.8826	5.5827
Ta-184	4.7625	5.6109	6.6900	7.2531
Ta-185	1.6757	2.0361	2.7832	3.1692
Ta-186	4.5282	5.3152	6.0818	6.4167
Tb-146	2.7404	3.2463	3.5328	3.6145
Tb-147m	1.9502	2.3298	2.6284	2.7370
Tb-147	3.4288	4.0769	4.5220	4.7457
Tb-148m	5.7303	6.8065	7.4200	7.7235
Tb-148	2.5298	3.0311	3.3053	3.4368
Tb-149m	2.5885	3.1240	3.4509	3.6456
Tb-149	3.1260	3.7293	4.1827	4.3900

Nuclide	avg400	ctr400	mid400	cnr400
Tb-150m	5.8062	6.8516	7.5583	7.8550
Tb-150	3.0037	3.5706	3.9754	4.1382
Tb-151	4.1823	4.9377	5.6467	6.0265
Tb-151m	0.7032	0.8851	1.4974	1.8082
Tb-152m	3.7190	4.3973	5.1276	5.4903
Tb-152	2.7922	3.3053	3.7394	3.9269
Tb-153	2.6700	3.1818	3.7913	4.1140
Tb-154	3.3405	3.9862	4.5090	4.7782
Tb-155	2.7066	3.2091	3.7948	4.1626
Tb-156	4.8489	5.7368	6.5837	6.9351
Tb-156m	0.9503	1.1010	1.2303	1.2898
Tb-156n	0.1576	0.2102	0.4410	0.5622
Tb-157	0.1919	0.2511	0.4676	0.5810
Tb-158	2.4645	2.9553	3.4948	3.7898
Tb-160	2.2015	2.5980	2.9440	3.1104
Tb-161	1.0055	1.2125	1.6728	1.9102
Tb-162	2.8419	3.3528	3.7410	3.9733
Tb-163	2.4019	2.7940	3.1173	3.2274
Tb-164	4.7120	5.5817	6.2098	6.4825
Tb-165	1.0621	1.2630	1.4660	1.5363
Tc-101	1.3337	1.5441	1.7058	1.7706
Tc-102m	3.0600	3.5915	3.8851	3.9466
Tc-102	0.1403	0.1641	0.1785	0.1819
Tc-104	2.9594	3.4712	3.7702	3.8435
Tc-105	2.3671	2.7872	3.1133	3.2728
Tc-91	1.1287	1.3449	1.4684	1.4896
Tc-91m	0.7998	0.9381	1.0378	1.0584
Tc-92	4.9975	5.9400	6.4716	6.7184
Tc-93	1.7398	2.1179	2.6697	2.7901
Tc-93m	1.2863	1.5309	1.8351	1.9043
Tc-94	4.2373	5.1242	5.8157	6.0842
Tc-94m	1.5720	1.8996	2.1416	2.2308
Tc-95	1.7385	2.1501	2.7131	2.8912
Tc-95m	2.3338	2.8116	3.5192	3.6953
Tc-96	4.1491	5.0553	5.7537	6.0320
Tc-96m	0.3572	0.4562	0.7104	0.7786
Tc-97	0.5312	0.6928	1.1681	1.2921
Tc-97m	0.4329	0.5577	0.9037	0.9931
Tc-98	2.3594	2.8048	2.9702	3.0571
Tc-99	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Tc-99m	1.3610	1.6241	1.7632	1.9142
Te-113	1.3924	1.6523	1.7921	1.8350
Te-114	2.7178	3.2132	3.8180	4.0893
Te-115	2.1954	2.5921	2.8754	2.9681
Te-115m	2.4955	2.9645	3.2691	3.3787
Te-116	1.8269	2.1463	2.7000	2.9877
Te-117	1.9735	2.3516	2.6820	2.8264
Te-118	0.7829	0.9357	1.2433	1.3832
Te-119	1.9866	2.3510	2.7572	2.9349
Te-119m	3.5427	4.2151	4.7679	5.0198
Te-121	1.9801	2.3335	2.7663	2.9412
Te-121m	1.7601	2.0594	2.4986	2.6514
Te-123	0.0219	0.0329	0.0964	0.1293
Te-123m	1.7679	2.1437	2.4610	2.6254
Te-125m	1.3621	1.6206	2.1428	2.3851
Te-127	0.0165	0.0191	0.0215	0.0221
Te-127m	0.4296	0.5142	0.7082	0.7997
Te-129	0.3410	0.4083	0.5533	0.6204
Te-129m	0.3604	0.4303	0.5691	0.6344
Te-131	1.7161	2.0448	2.2171	2.3295
Te-131m	2.7915	3.3065	3.6169	3.7744
Te-132	2.2522	2.6173	3.1030	3.3166
Te-133	2.1014	2.4581	2.6794	2.7489
Te-133m	3.1457	3.7150	4.0566	4.2126
Te-134	2.9134	3.4091	3.8060	3.9707
Th-223	1.2182	1.4767	2.1446	2.4840
Th-224	0.1996	0.2419	0.3082	0.3345
Th-226	0.1452	0.1838	0.3064	0.3620
Th-227	1.3159	1.6472	2.6394	3.0621
Th-228	0.1066	0.1449	0.2940	0.3549
Th-229	1.7956	2.2596	3.7474	4.4223
Th-230	1.3968	1.6055	1.7340	1.6356
Th-231	0.9483	1.2617	2.4106	2.8780
Th-232	1.1865	1.3968	1.5389	1.4944
Th-233	0.3027	0.3843	0.6604	0.7885
Th-234	0.2376	0.2958	0.4651	0.5407
Th-235	0.1300	0.1537	0.1766	0.1872
Th-236	0.2487	0.3019	0.4270	0.4868
Ti-44	2.5145	2.8730	3.2054	3.4758
Ti-45	0.0110	0.0154	0.0375	0.0489

Nuclide	avg400	ctr400	mid400	cnr400
Ti-51	1.2800	1.4826	1.6306	1.6801
Ti-52	1.6355	1.9310	2.2894	2.6119
Tl-190	1.9002	2.2296	2.6421	2.8238
Tl-190m	4.8002	5.6487	6.4571	6.8187
Tl-194	2.0694	2.4378	3.0020	3.2745
Tl-194m	6.2714	7.4143	8.7845	9.4571
Tl-195	2.8343	3.4208	4.6376	5.2484
Tl-196	3.3435	3.9480	4.7363	5.0965
Tl-197	2.2471	2.6813	3.5265	3.9802
Tl-198	3.6765	4.3447	5.2275	5.6284
Tl-198m	4.1760	4.9482	6.2361	6.8556
Tl-199	2.1702	2.5857	3.4702	3.9359
Tl-200	3.4239	4.0436	4.9234	5.3379
Tl-201	1.7147	2.0760	3.0012	3.5013
Tl-202	2.3210	2.7416	3.5019	3.8775
Tl-204	0.0268	0.0326	0.0493	0.0583
Tl-206m	6.3526	7.4283	8.4556	8.9008
Tl-206	0.0013	0.0016	0.0022	0.0026
Tl-207	0.0033	0.0039	0.0042	0.0044
Tl-208	2.8404	3.3545	3.6548	3.7266
Tl-209	3.9278	4.5854	5.0857	5.4028
Tl-210	3.9972	4.7696	5.4485	5.7486
Tm-161	4.9176	5.8130	6.9849	7.5949
Tm-162	2.5659	3.0344	3.5493	3.7984
Tm-163	4.1146	4.8378	5.7158	6.1553
Tm-164	1.1395	1.3501	1.6709	1.8327
Tm-165	3.2156	3.7800	4.5182	4.8903
Tm-166	3.8159	4.5349	5.3431	5.7125
Tm-167	2.0186	2.3935	3.0863	3.4061
Tm-168	4.2898	5.0887	5.9928	6.4048
Tm-170	0.0922	0.1113	0.1679	0.1991
Tm-171	0.0155	0.0185	0.0253	0.0289
Tm-172	0.7367	0.8816	1.1180	1.2307
Tm-173	1.2937	1.5019	1.7044	1.7706
Tm-174	5.3784	6.3154	7.2617	7.6972
Tm-175	2.2042	2.5922	2.9000	3.0229
Tm-176	3.8088	4.4845	5.2166	5.5115
U-227	1.2400	1.4959	2.1163	2.4128
U-228	0.1313	0.1730	0.3214	0.3810
U-230	0.1220	0.1682	0.3465	0.4156

Nuclide	avg400	ctr400	mid400	cnr400
U-231	2.0821	2.6374	4.4344	5.2167
U-232	0.1091	0.1525	0.3249	0.3915
U-233	0.0569	0.0798	0.1721	0.2085
U-234	1.3400	1.5348	1.6542	1.5499
U-235	1.6144	1.8614	1.9930	2.0368
U-235m	0.0000	0.0000	0.0000	0.0000
U-236	0.0888	0.1246	0.2683	0.3237
U-237	2.2163	2.6878	3.8252	4.3444
U-238	1.2175	1.4120	1.5567	1.5409
U-239	0.8477	0.9975	1.2527	1.3853
U-240	0.3350	0.4507	0.8818	1.0549
U-242	0.3022	0.3549	0.4143	0.4434
V-47	0.0102	0.0127	0.0196	0.0230
V-48	2.6272	3.1112	3.4275	3.5277
V-49	0.0585	0.0890	0.2685	0.3618
V-50	1.2534	1.5060	1.7454	1.8439
V-52	1.2290	1.4536	1.5594	1.5659
V-53	1.2869	1.5136	1.6271	1.6730
W-177	4.8888	5.7979	7.3149	8.1897
W-178	0.4379	0.5523	0.9659	1.1847
W-179	1.4340	1.7447	2.6095	3.0696
W-179m	0.9560	1.1510	1.6214	1.8755
W-181	0.9654	1.1661	1.6637	1.9347
W-185m	0.6369	0.8511	1.8070	2.3101
W-185	0.0009	0.0011	0.0014	0.0016
W-187	1.4483	1.7082	1.9787	2.1322
W-188	0.0130	0.0153	0.0196	0.0218
W-190	2.3440	2.8365	3.6793	4.1571
Xe-120	2.6351	3.1093	3.7845	4.1054
Xe-121	1.9692	2.3127	2.6601	2.8293
Xe-122	1.0837	1.2777	1.6195	1.7776
Xe-123	2.1282	2.5314	2.9402	3.1517
Xe-125	2.5493	2.9909	3.5938	3.8454
Xe-127	2.6204	3.0762	3.6653	3.8718
Xe-127m	2.1779	2.5608	2.9200	3.2044
Xe-129m	1.6091	1.9019	2.4462	2.7005
Xe-131m	0.6687	0.7923	1.0425	1.1613
Xe-133	1.0947	1.2617	1.5108	1.6561
Xe-133m	0.7820	0.9199	1.1795	1.3016
Xe-135	1.2671	1.4541	1.6220	1.7374

Nuclide	avg400	ctr400	mid400	cnr400
Xe-135m	1.0921	1.2751	1.4280	1.4757
Xe-137	0.4167	0.4849	0.5321	0.5426
Xe-138	1.5969	1.8804	2.1637	2.2876
Y-81	1.7315	2.0681	2.6447	2.9697
Y-83	1.0718	1.3383	1.8802	2.0651
Y-83m	1.1611	1.3732	1.7072	1.8414
Y-84m	3.9836	4.7463	5.0987	5.2562
Y-85	0.9826	1.1848	1.4935	1.5870
Y-85m	1.0942	1.3312	1.7006	1.8195
Y-86	4.1810	5.0055	5.7936	6.0405
Y-86m	1.3792	1.6041	1.8743	1.9253
Y-87	1.4925	1.8473	2.6240	2.8652
Y-87m	1.0451	1.2293	1.4693	1.5374
Y-88	2.7845	3.4131	4.2490	4.5214
Y-89m	1.2201	1.4554	1.5455	1.5982
Y-90	0.0001	0.0001	0.0001	0.0002
Y-90m	2.5033	2.9158	3.3312	3.3948
Y-91	0.0032	0.0038	0.0041	0.0041
Y-91m	1.1335	1.3274	1.4673	1.5045
Y-92	0.3244	0.3837	0.4108	0.4209
Y-93	0.1664	0.1937	0.2120	0.2213
Y-94	0.9591	1.1385	1.2129	1.2465
Y-95	0.7361	0.8730	0.9344	0.9414
Yb-162	2.5909	3.0757	3.7035	4.0776
Yb-163	1.8156	2.1698	2.7959	3.1199
Yb-164	1.1280	1.3349	1.7120	1.9044
Yb-165	2.8233	3.3674	4.6040	5.2641
Yb-166	2.1201	2.4989	3.1900	3.5537
Yb-167	4.4203	5.2191	6.6290	7.4643
Yb-169	5.0137	5.9040	7.2629	7.9769
Yb-175	0.2055	0.2392	0.2780	0.2992
Yb-177	0.7475	0.8913	1.0097	1.0864
Yb-178	0.1420	0.1661	0.1965	0.2086
Yb-179	2.3228	2.7191	3.0133	3.1315
Zn-60	1.4243	1.6709	1.8418	1.9316
Zn-61	0.5444	0.6416	0.7019	0.7161
Zn-62	1.2840	1.5886	2.3529	2.7387
Zn-63	0.2183	0.2629	0.3238	0.3539
Zn-65	0.8324	1.0486	1.7138	2.0427
Zn-69	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Zn-69m	1.1404	1.3265	1.4958	1.5444
Zn-71	0.6386	0.7468	0.8103	0.8330
Zn-71m	3.5987	4.1927	4.5726	4.6860
Zn-72	1.7945	2.2294	3.2109	3.7743
Zr-85	1.1033	1.2941	1.4633	1.5071
Zr-86	2.4113	2.9686	4.3020	4.7674
Zr-87	0.1712	0.2190	0.3361	0.3708
Zr-88	1.6400	2.0001	2.7552	2.9782
Zr-89	1.5864	1.9584	2.5144	2.7101
Zr-89m	1.1624	1.3671	1.5226	1.5678
Zr-93	0.0000	0.0000	0.0000	0.0000
Zr-95	1.1516	1.3826	1.4511	1.4974
Zr-97	1.3823	1.6533	1.7553	1.8098

Table 13: Glass 1 cm Contamination Thickness for 10x10x10 ft and 50x50x10 ft rooms

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ac-223	0.3534	0.2851	0.3401	0.3736	0.2937	0.2480	0.3338	0.3794
Ac-224	3.1983	2.7416	3.1354	3.3200	3.1558	2.9852	3.4097	3.5355
Ac-225	0.4916	0.4073	0.4750	0.5167	0.4078	0.3467	0.4597	0.5203
Ac-226	1.4044	1.2009	1.3774	1.4574	1.4062	1.3362	1.5186	1.5658
Ac-227	0.1152	0.0879	0.1090	0.1237	0.0790	0.0562	0.0953	0.1200
Ac-228	2.0725	1.7021	2.0184	2.1575	2.1199	2.0024	2.3119	2.3675
Ac-230	0.8917	0.7236	0.8654	0.9293	0.9036	0.8449	0.9901	1.0198
Ac-231	2.9923	2.5511	2.9396	3.1012	3.1150	3.0089	3.3505	3.3910
Ac-232	1.4050	1.1261	1.3615	1.4638	1.4624	1.3769	1.6008	1.6322
Ac-233	1.2527	1.0139	1.2223	1.3056	1.3584	1.3150	1.4745	1.4764
Ag-100m	2.2286	1.7798	2.1713	2.3143	2.5433	2.4935	2.7494	2.6907
Ag-101	1.9672	1.6521	1.9311	2.0340	2.1578	2.1153	2.3103	2.2864
Ag-102m	1.4019	1.1216	1.3628	1.4539	1.5799	1.5377	1.7061	1.6782
Ag-102	3.3793	2.7266	3.2964	3.5055	3.8204	3.7426	4.1213	4.0420
Ag-103	2.2975	2.0042	2.2644	2.3644	2.4279	2.3704	2.5746	2.5779
Ag-104	4.2671	3.5077	4.1726	4.4188	4.7318	4.6273	5.0877	5.0185
Ag-104m	1.7301	1.4292	1.6922	1.7902	1.9105	1.8661	2.0514	2.0292
Ag-105	2.4361	2.1297	2.4014	2.5065	2.5486	2.4804	2.7045	2.7205
Ag-105m	0.0451	0.0320	0.0422	0.0491	0.0304	0.0207	0.0376	0.0483
Ag-106	0.4757	0.4251	0.4691	0.4874	0.4765	0.4578	0.5024	0.5140
Ag-106m	5.2069	4.3027	5.0968	5.3906	5.7590	5.6361	6.1853	6.1063
Ag-108	0.0478	0.0412	0.0470	0.0492	0.0502	0.0487	0.0535	0.0539
Ag-108m	3.9958	3.3441	3.9195	4.1330	4.3696	4.2765	4.6837	4.6490
Ag-109m	0.3699	0.3445	0.3654	0.3776	0.3371	0.3150	0.3518	0.3752
Ag-110	0.0585	0.0476	0.0572	0.0607	0.0659	0.0647	0.0711	0.0700
Ag-110m	3.9179	3.1327	3.8209	4.0707	4.4732	4.3936	4.8360	4.7278
Ag-111	0.1109	0.0933	0.1091	0.1148	0.1226	0.1210	0.1314	0.1296
Ag-111m	0.2122	0.1929	0.2084	0.2181	0.1869	0.1702	0.1980	0.2158
Ag-112	0.8900	0.7128	0.8679	0.9244	1.0156	0.9968	1.0976	1.0755
Ag-113m	0.8208	0.6889	0.8057	0.8508	0.8874	0.8661	0.9536	0.9513
Ag-113	0.2460	0.2059	0.2418	0.2548	0.2730	0.2690	0.2929	0.2886
Ag-114	0.3711	0.2992	0.3623	0.3852	0.4217	0.4144	0.4551	0.4459
Ag-115	0.8664	0.7175	0.8491	0.8973	0.9685	0.9523	1.0393	1.0220
Ag-116	2.1392	1.7076	2.0830	2.2205	2.4456	2.3974	2.6412	2.5803
Ag-117	1.7020	1.4037	1.6648	1.7616	1.9065	1.8709	2.0455	2.0098
Ag-99	2.3975	1.9721	2.3469	2.4840	2.6822	2.6329	2.8838	2.8335
Al-26	1.1446	0.8815	1.1058	1.1891	1.3367	1.3021	1.4498	1.4078
Al-28	1.1145	0.8586	1.0768	1.1578	1.3025	1.2693	1.4127	1.3709
Al-29	1.1871	0.9257	1.1513	1.2340	1.3763	1.3457	1.4929	1.4494

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Am-237	3.3092	2.8371	3.2437	3.4315	3.2762	3.0992	3.5370	3.6625
Am-238	3.1246	2.6337	3.0541	3.2423	3.1499	2.9829	3.4089	3.5048
Am-239	4.0035	3.4457	3.9183	4.1560	3.8101	3.5436	4.1291	4.3555
Am-240	3.4084	2.8574	3.3246	3.5414	3.3736	3.1604	3.6662	3.8038
Am-241	1.1493	1.0486	1.1471	1.1790	1.2180	1.2183	1.2486	1.2540
Am-242	0.6089	0.5260	0.5932	0.6332	0.5255	0.4642	0.5763	0.6374
Am-242m	0.4130	0.3483	0.3985	0.4331	0.3153	0.2551	0.3562	0.4205
Am-243	1.2615	1.1160	1.2439	1.3002	1.2474	1.1972	1.3253	1.3631
Am-244	3.0156	2.5325	2.9384	3.1353	2.9039	2.6867	3.1648	3.3306
Am-244m	0.2223	0.1904	0.2157	0.2317	0.1829	0.1563	0.2026	0.2298
Am-245	0.4210	0.3633	0.4128	0.4363	0.4112	0.3873	0.4433	0.4619
Am-246	4.2649	3.6238	4.1642	4.4299	4.0832	3.7843	4.4368	4.6808
Am-246m	1.7118	1.3916	1.6660	1.7802	1.8085	1.7262	1.9649	1.9841
Am-247	1.5206	1.3123	1.4927	1.5747	1.5148	1.4402	1.6293	1.6812
Ar-37	0.0502	0.0344	0.0466	0.0551	0.0313	0.0192	0.0401	0.0535
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	1.1704	0.9138	1.1355	1.2167	1.3560	1.3262	1.4709	1.4279
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	1.4298	1.1262	1.3892	1.4855	1.6483	1.6140	1.7839	1.7371
Ar-44	2.3354	1.9034	2.2806	2.4200	2.6425	2.5934	2.8412	2.7833
As-68	2.8295	2.2354	2.7514	2.9408	3.2491	3.1815	3.5170	3.4325
As-69	0.5270	0.4295	0.5131	0.5507	0.5422	0.5142	0.5913	0.6065
As-70	3.7637	2.9730	3.6585	3.9155	4.2792	4.1753	4.6387	4.5482
As-71	2.2158	1.7819	2.1450	2.3336	2.1094	1.9242	2.3386	2.5008
As-72	1.2991	1.0231	1.2609	1.3567	1.4252	1.3737	1.5558	1.5507
As-73	1.9177	1.3513	1.7898	2.0940	1.2515	0.8205	1.5670	2.0424
As-74	1.2314	0.9625	1.1896	1.2966	1.2381	1.1478	1.3737	1.4366
As-76	0.7455	0.6040	0.7288	0.7740	0.8443	0.8304	0.9108	0.8937
As-77	0.0425	0.0360	0.0418	0.0440	0.0462	0.0454	0.0495	0.0492
As-78	1.6680	1.3330	1.6260	1.7326	1.9053	1.8699	2.0599	2.0155
As-79	0.0763	0.0625	0.0748	0.0792	0.0858	0.0846	0.0924	0.0907
At-204	5.6208	4.6249	5.4971	5.8426	6.0601	5.8793	6.5522	6.5565
At-205	3.0976	2.5725	3.0253	3.2228	3.1830	3.0351	3.4527	3.5244
At-206	5.8084	4.7861	5.6812	6.0347	6.2698	6.0864	6.7731	6.7688
At-207	4.6484	3.8299	4.5375	4.8346	4.8824	4.6839	5.2924	5.3514
At-208	7.0741	5.8188	6.9105	7.3544	7.5573	7.2963	8.1799	8.2190
At-209	6.5723	5.4338	6.4221	6.8349	6.9037	6.6359	7.4788	7.5569
At-210	5.5355	4.5282	5.3955	5.7592	5.8460	5.5985	6.3464	6.4015
At-211	0.8488	0.7207	0.8284	0.8851	0.7883	0.7248	0.8609	0.9186
At-215	0.0006	0.0005	0.0006	0.0007	0.0007	0.0007	0.0007	0.0007

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
At-216	0.0424	0.0362	0.0415	0.0441	0.0410	0.0385	0.0444	0.0465
At-217	0.0016	0.0013	0.0016	0.0016	0.0016	0.0016	0.0018	0.0018
At-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-220	2.1090	1.7784	2.0729	2.1858	2.2794	2.2287	2.4482	2.4399
Au-186	3.4684	2.8911	3.3948	3.6053	3.6519	3.5236	3.9415	3.9815
Au-187	2.9601	2.4173	2.8760	3.0960	2.9205	2.7225	3.1971	3.3372
Au-190	3.9786	3.2703	3.8822	4.1375	4.2186	4.0574	4.5652	4.6018
Au-191	3.6875	3.0655	3.5983	3.8478	3.6658	3.4543	3.9881	4.1413
Au-192	3.7391	3.0721	3.6471	3.8907	3.9350	3.7740	4.2629	4.3112
Au-193	2.5097	2.1068	2.4483	2.6206	2.3960	2.2266	2.6097	2.7579
Au-193m	1.8260	1.4925	1.7735	1.9166	1.7376	1.5933	1.9188	2.0406
Au-194	3.1101	2.5738	3.0361	3.2386	3.2054	3.0586	3.4751	3.5460
Au-195	2.2951	1.8886	2.2236	2.4129	2.0448	1.8239	2.2662	2.4840
Au-195m	1.8438	1.5079	1.7909	1.9350	1.7546	1.6091	1.9373	2.0597
Au-196	2.9222	2.4455	2.8592	3.0417	2.9861	2.8533	3.2316	3.3080
Au-196m	4.1765	3.4312	4.0514	4.3872	3.8442	3.4766	4.2524	4.5944
Au-198	1.2376	1.0258	1.2144	1.2839	1.3721	1.3493	1.4749	1.4569
Au-198m	5.9864	5.0495	5.8595	6.2336	6.0162	5.7206	6.5103	6.7183
Au-199	1.2239	1.0355	1.1981	1.2740	1.2253	1.1630	1.3258	1.3710
Au-200	0.4616	0.3751	0.4510	0.4792	0.5179	0.5075	0.5588	0.5492
Au-200m	6.4424	5.3498	6.3159	6.6878	7.0242	6.8632	7.5643	7.5243
Au-201	0.1813	0.1442	0.1750	0.1913	0.1681	0.1508	0.1880	0.2033
Au-202	0.2883	0.2334	0.2816	0.2994	0.3248	0.3187	0.3504	0.3439
Ba-124	1.7342	1.5224	1.7067	1.7842	1.7834	1.7276	1.8885	1.9136
Ba-126	2.1255	1.8401	2.0898	2.1903	2.2299	2.1680	2.3699	2.3833
Ba-127	0.9841	0.8761	0.9695	1.0105	0.9945	0.9607	1.0485	1.0690
Ba-128	0.9612	0.8760	0.9481	0.9839	0.9293	0.8879	0.9737	1.0104
Ba-129	1.0770	0.9634	1.0605	1.1058	1.0660	1.0223	1.1239	1.1569
Ba-129m	4.1612	3.5068	4.0782	4.3055	4.4564	4.3339	4.7728	4.7745
Ba-131	2.7153	2.3752	2.6743	2.7955	2.8294	2.7547	2.9987	3.0212
Ba-131m	1.4096	1.2456	1.3876	1.4530	1.4088	1.3550	1.4939	1.5335
Ba-133	3.0247	2.6695	2.9818	3.1110	3.1101	3.0230	3.2890	3.3292
Ba-133m	0.9550	0.8302	0.9331	0.9896	0.8859	0.8182	0.9525	1.0172
Ba-135m	0.7802	0.7024	0.7685	0.8006	0.7594	0.7252	0.7997	0.8286
Ba-137m	1.1753	0.9589	1.1496	1.2195	1.3177	1.2935	1.4205	1.4011
Ba-139	0.4259	0.3711	0.4203	0.4392	0.4567	0.4493	0.4844	0.4831
Ba-140	0.8633	0.7082	0.8388	0.9031	0.8421	0.7813	0.9222	0.9703
Ba-141	2.5904	2.1695	2.5440	2.6819	2.8683	2.8231	3.0736	3.0315
Ba-142	2.2037	1.8322	2.1595	2.2811	2.4346	2.3879	2.6099	2.5746

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.1258	0.1035	0.1234	0.1305	0.1413	0.1393	0.1519	0.1492
Bi-197	3.4802	2.8445	3.3891	3.6274	3.5974	3.4199	3.9154	3.9907
Bi-200	6.6636	5.5106	6.5184	6.9259	7.1111	6.8802	7.6810	7.7105
Bi-201	3.5164	2.8762	3.4249	3.6626	3.6546	3.4817	3.9724	4.0372
Bi-202	6.1031	5.0033	5.9611	6.3460	6.5623	6.3484	7.0986	7.1102
Bi-203	4.2404	3.4555	4.1298	4.4144	4.4733	4.2818	4.8573	4.9052
Bi-204	6.1778	5.0484	6.0279	6.4269	6.6150	6.3808	7.1656	7.1880
Bi-205	3.3013	2.6894	3.2121	3.4414	3.4147	3.2415	3.7190	3.7935
Bi-206	7.1552	5.8582	6.9847	7.4419	7.6635	7.4005	8.2980	8.3192
Bi-207	3.7283	3.0528	3.6357	3.8825	3.9104	3.7433	4.2451	4.3016
Bi-208	2.0955	1.6608	2.0220	2.1884	2.1529	2.0092	2.3625	2.4261
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.4148	1.1927	1.3899	1.4676	1.5140	1.4753	1.6281	1.6296
Bi-211	0.2190	0.1835	0.2149	0.2273	0.2344	0.2281	0.2524	0.2529
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	0.2872	0.2237	0.2757	0.3038	0.2624	0.2310	0.2966	0.3231
Bi-213	0.4192	0.3484	0.4110	0.4351	0.4546	0.4435	0.4895	0.4878
Bi-214	1.6102	1.2793	1.5670	1.6729	1.8402	1.8014	1.9911	1.9477
Bi-215	1.0595	0.8896	1.0389	1.0998	1.1191	1.0832	1.2065	1.2143
Bi-216	1.8504	1.5204	1.8129	1.9205	2.0609	2.0243	2.2195	2.1903
Bk-245	3.3315	2.8872	3.2697	3.4493	3.2685	3.0903	3.5156	3.6518
Bk-246	3.2745	2.7596	3.1964	3.4008	3.2211	3.0166	3.4962	3.6369
Bk-247	1.6393	1.4277	1.6155	1.6926	1.6910	1.6405	1.8028	1.8253
Bk-248m	0.7387	0.6386	0.7226	0.7660	0.6905	0.6369	0.7476	0.7956
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	1.4255	1.1522	1.3867	1.4821	1.5282	1.4644	1.6576	1.6644
Bk-251	1.7447	1.5100	1.7086	1.8087	1.6550	1.5387	1.7872	1.8897
Br-72	2.3615	1.8752	2.2972	2.4564	2.6661	2.6000	2.8904	2.8377
Br-73	1.5165	1.2726	1.4867	1.5723	1.6128	1.5659	1.7336	1.7379
Br-74	2.6329	2.0809	2.5542	2.7355	2.9821	2.8974	3.2325	3.1811
Br-74m	3.3016	2.6225	3.2107	3.4328	3.7338	3.6397	4.0478	3.9838
Br-75	1.9759	1.6399	1.9342	2.0562	2.0900	2.0159	2.2641	2.2841
Br-76	2.5544	2.0161	2.4751	2.6672	2.7519	2.6257	3.0107	3.0302
Br-76m	1.6436	1.3832	1.5908	1.7237	1.3423	1.1403	1.5080	1.7055
Br-77	1.8136	1.4446	1.7493	1.9142	1.6552	1.4691	1.8611	2.0237
Br-77m	0.7833	0.6368	0.7528	0.8286	0.6190	0.5057	0.7135	0.8246
Br-78	0.2310	0.1834	0.2237	0.2424	0.2331	0.2171	0.2578	0.2680
Br-80	0.1516	0.1197	0.1465	0.1594	0.1487	0.1365	0.1655	0.1745
Br-80m	1.4415	1.1977	1.3874	1.5184	1.1046	0.8918	1.2649	1.4796

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Br-82m	0.6088	0.4805	0.5791	0.6499	0.4217	0.3057	0.5076	0.6257
Br-82	3.9998	3.2112	3.9038	4.1549	4.5557	4.4775	4.9223	4.8143
Br-83	0.0158	0.0129	0.0155	0.0164	0.0177	0.0174	0.0191	0.0188
Br-84m	3.6118	2.8926	3.5218	3.7510	4.1222	4.0472	4.4524	4.3468
Br-84	1.2864	1.0077	1.2476	1.3360	1.4879	1.4551	1.6108	1.5672
Br-85	0.0881	0.0703	0.0859	0.0915	0.1007	0.0990	0.1089	0.1062
C-10	1.2198	0.9814	1.1914	1.2673	1.3877	1.3652	1.4998	1.4684
C-11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0896	0.0615	0.0832	0.0984	0.0559	0.0343	0.0716	0.0956
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	1.0376	0.8148	1.0079	1.0785	1.1982	1.1730	1.2986	1.2620
Ca-49	1.0479	0.7930	1.0052	1.0857	1.2385	1.2000	1.3432	1.3007
Cd-101	2.6174	2.1972	2.5640	2.7023	2.8655	2.8011	3.0618	3.0289
Cd-102	2.2018	1.8964	2.1654	2.2690	2.3357	2.2752	2.4847	2.4874
Cd-103	2.0522	1.7169	2.0050	2.1169	2.2173	2.1471	2.3715	2.3613
Cd-104	1.8799	1.7016	1.8593	1.9238	1.8910	1.8330	1.9821	2.0192
Cd-105	1.4397	1.2187	1.4090	1.4837	1.5360	1.4857	1.6394	1.6398
Cd-107	1.0385	0.9811	1.0282	1.0564	0.9452	0.8861	0.9797	1.0427
Cd-109	0.9667	0.9133	0.9568	0.9834	0.8753	0.8186	0.9075	0.9684
Cd-111m	2.1251	1.8500	2.0971	2.1911	2.2630	2.2180	2.4040	2.4026
Cd-113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0008	0.0007	0.0008	0.0008	0.0008	0.0007	0.0008	0.0008
Cd-115	0.4990	0.4142	0.4895	0.5170	0.5542	0.5451	0.5948	0.5864
Cd-115m	0.0406	0.0322	0.0395	0.0422	0.0466	0.0457	0.0504	0.0491
Cd-117	1.7141	1.4015	1.6763	1.7769	1.9286	1.8937	2.0755	2.0348
Cd-117m	1.9065	1.5050	1.8527	1.9802	2.1948	2.1487	2.3740	2.3140
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	2.0419	1.6569	1.9934	2.1171	2.3115	2.2675	2.4900	2.4375
Cd-119m	2.2598	1.7919	2.1976	2.3465	2.5934	2.5394	2.8032	2.7343
Ce-130	2.7251	2.3894	2.6840	2.8054	2.8232	2.7445	2.9906	3.0195
Ce-131	2.9922	2.5205	2.9316	3.0972	3.1865	3.0918	3.4151	3.4260
Ce-132	2.6327	2.3152	2.5964	2.7111	2.7409	2.6732	2.9020	2.9269
Ce-133	2.2544	2.0319	2.2260	2.3116	2.2550	2.1840	2.3670	2.4182
Ce-133m	4.1001	3.4860	4.0234	4.2319	4.3949	4.2877	4.6864	4.6729
Ce-134	0.8016	0.7369	0.7902	0.8199	0.7488	0.7078	0.7823	0.8240
Ce-135	3.0723	2.6296	3.0193	3.1720	3.2668	3.1856	3.4844	3.4890
Ce-137	0.9726	0.8598	0.9506	1.0054	0.8685	0.7929	0.9284	1.0079
Ce-137m	0.7790	0.6994	0.7671	0.8002	0.7530	0.7171	0.7937	0.8253
Ce-139	2.1077	1.8687	2.0787	2.1686	2.1552	2.0917	2.2773	2.3142

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ce-141	0.9362	0.8229	0.9245	0.9641	0.9908	0.9728	1.0482	1.0490
Ce-143	1.6620	1.4531	1.6374	1.7115	1.7264	1.6803	1.8301	1.8448
Ce-144	0.2883	0.2558	0.2847	0.2964	0.2983	0.2913	0.3146	0.3173
Ce-145	2.5721	2.2047	2.5263	2.6535	2.7150	2.6418	2.8913	2.9004
Cf-244	0.1439	0.1238	0.1394	0.1502	0.1121	0.0926	0.1250	0.1458
Cf-246	0.0989	0.0851	0.0958	0.1031	0.0771	0.0638	0.0859	0.1001
Cf-247	2.4387	2.1005	2.3802	2.5344	2.2050	1.9976	2.4015	2.6001
Cf-248	0.1184	0.1019	0.1147	0.1235	0.0925	0.0766	0.1031	0.1200
Cf-249	1.5199	1.2801	1.4893	1.5771	1.5759	1.5127	1.7009	1.7293
Cf-250	0.1034	0.0884	0.1003	0.1078	0.0853	0.0728	0.0944	0.1071
Cf-251	1.9818	1.7146	1.9425	2.0539	1.9105	1.7902	2.0608	2.1606
Cf-252	0.6973	0.5732	0.6808	0.7232	0.7554	0.7312	0.8153	0.8136
Cf-253	0.3191	0.2716	0.3086	0.3337	0.2489	0.2054	0.2777	0.3252
Cf-254	22.3355	18.2289	21.8300	23.1467	25.2032	24.7561	27.1094	26.5705
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34m	1.4000	1.1391	1.3651	1.4493	1.5853	1.5531	1.7029	1.6684
Cl-36	0.0007	0.0005	0.0007	0.0008	0.0004	0.0003	0.0006	0.0008
Cl-38	0.8179	0.6284	0.7895	0.8495	0.9576	0.9323	1.0386	1.0078
Cl-39	1.7893	1.4398	1.7454	1.8568	2.0386	1.9998	2.2000	2.1473
Cl-40	2.1762	1.6812	2.1023	2.2592	2.5394	2.4741	2.7535	2.6723
Cm-238	1.6183	1.4080	1.5877	1.6754	1.5609	1.4664	1.6806	1.7582
Cm-239	3.4156	2.9589	3.3574	3.5341	3.4508	3.3059	3.7001	3.7927
Cm-240	0.1648	0.1410	0.1594	0.1722	0.1266	0.1034	0.1423	0.1669
Cm-241	3.7628	3.1973	3.6771	3.9104	3.6328	3.3855	3.9453	4.1416
Cm-242	0.1479	0.1265	0.1431	0.1545	0.1136	0.0927	0.1277	0.1498
Cm-243	1.9971	1.7018	1.9503	2.0783	1.8776	1.7302	2.0460	2.1750
Cm-244	0.1270	0.1086	0.1229	0.1327	0.0976	0.0796	0.1097	0.1286
Cm-245	2.1153	1.8307	2.0719	2.1935	2.0115	1.8734	2.1756	2.2935
Cm-246	0.1060	0.0905	0.1026	0.1107	0.0832	0.0688	0.0932	0.1082
Cm-247	1.0580	0.8825	1.0390	1.0967	1.1686	1.1492	1.2547	1.2406
Cm-248	1.8362	1.5024	1.7937	1.9037	2.0377	1.9894	2.1953	2.1675
Cm-249	0.2027	0.1467	0.1909	0.2193	0.1512	0.1136	0.1817	0.2216
Cm-250	17.6336	14.3911	17.2340	18.2743	19.8915	19.5359	21.3967	20.9743
Cm-251	0.4317	0.3627	0.4226	0.4479	0.4475	0.4291	0.4829	0.4910
Co-54m	3.5415	2.8253	3.4503	3.6785	4.0507	3.9728	4.3775	4.2716
Co-55	1.6596	1.3126	1.6131	1.7294	1.8548	1.8009	2.0152	1.9900
Co-56	3.2623	2.5320	3.1549	3.4067	3.6151	3.4731	3.9508	3.9259
Co-57	2.2358	1.8357	2.1696	2.3476	2.0906	1.9033	2.3071	2.4768
Co-58	1.5281	1.1868	1.4762	1.6058	1.5878	1.4917	1.7549	1.7981

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Co-58m	0.3592	0.2465	0.3334	0.3944	0.2243	0.1377	0.2868	0.3830
Co-60	2.3776	1.8600	2.3078	2.4717	2.7512	2.6918	2.9827	2.8974
Co-60m	0.4209	0.2944	0.3924	0.4602	0.2744	0.1791	0.3444	0.4497
Co-61	1.1368	1.0076	1.1248	1.1686	1.1889	1.1708	1.2512	1.2511
Co-62	1.3696	1.0700	1.3286	1.4235	1.5863	1.5512	1.7190	1.6707
Co-62m	2.4427	1.9106	2.3705	2.5390	2.8270	2.7654	3.0631	2.9776
Cr-48	3.0496	2.5895	2.9969	3.1620	3.2405	3.1568	3.4769	3.4894
Cr-49	1.4341	1.2621	1.4186	1.4765	1.5339	1.5170	1.6198	1.6100
Cr-51	0.3387	0.2532	0.3219	0.3635	0.2771	0.2260	0.3235	0.3756
Cr-55	0.0005	0.0004	0.0005	0.0005	0.0006	0.0006	0.0006	0.0006
Cr-56	1.8123	1.6067	1.7879	1.8673	1.8207	1.7612	1.9249	1.9689
Cs-121	1.0362	0.8884	1.0199	1.0697	1.1200	1.0995	1.1928	1.1860
Cs-121m	1.9519	1.6731	1.9212	2.0159	2.1062	2.0666	2.2444	2.2340
Cs-123	1.4750	1.2843	1.4525	1.5184	1.5566	1.5210	1.6500	1.6533
Cs-124	0.5227	0.4375	0.5127	0.5408	0.5744	0.5633	0.6156	0.6088
Cs-125	1.2153	1.0565	1.1951	1.2510	1.2711	1.2357	1.3484	1.3572
Cs-126	0.8680	0.7303	0.8519	0.8977	0.9474	0.9284	1.0136	1.0055
Cs-127	1.9454	1.7003	1.9155	2.0023	2.0288	1.9743	2.1501	2.1665
Cs-128	0.6285	0.5422	0.6177	0.6477	0.6625	0.6447	0.7043	0.7071
Cs-129	1.8201	1.6221	1.7940	1.8680	1.8421	1.7809	1.9416	1.9783
Cs-130m	1.6177	1.4567	1.5944	1.6616	1.5682	1.4989	1.6508	1.7132
Cs-130	0.4660	0.4275	0.4597	0.4760	0.4477	0.4270	0.4673	0.4859
Cs-131	0.7072	0.6616	0.6986	0.7205	0.6571	0.6221	0.6815	0.7183
Cs-132	1.9621	1.6760	1.9253	2.0238	2.0818	2.0240	2.2199	2.2286
Cs-134	2.7196	2.1947	2.6574	2.8247	3.0875	3.0378	3.3343	3.2664
Cs-134m	0.6844	0.5824	0.6653	0.7139	0.6115	0.5504	0.6665	0.7283
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	2.4154	1.9344	2.3564	2.5094	2.7519	2.7056	2.9749	2.9028
Cs-136	3.7340	3.0461	3.6512	3.8727	4.2025	4.1294	4.5240	4.4342
Cs-137	1.3685	1.1059	1.3400	1.4146	1.5486	1.5305	1.6611	1.6205
Cs-138m	1.2117	1.0405	1.1886	1.2505	1.2621	1.2199	1.3457	1.3595
Cs-138	2.3288	1.8473	2.2650	2.4183	2.6728	2.6176	2.8894	2.8169
Cs-139	0.2360	0.1846	0.2289	0.2452	0.2732	0.2670	0.2960	0.2880
Cs-140	1.5838	1.2537	1.5398	1.6447	1.8206	1.7826	1.9691	1.9231
Cu-57	0.1234	0.0970	0.1199	0.1283	0.1420	0.1390	0.1538	0.1499
Cu-59	0.6123	0.4903	0.5969	0.6364	0.6934	0.6789	0.7501	0.7349
Cu-60	2.3492	1.8288	2.2756	2.4431	2.7035	2.6334	2.9349	2.8626
Cu-61	0.6664	0.5253	0.6437	0.7022	0.6496	0.5954	0.7219	0.7639
Cu-62	0.0179	0.0130	0.0169	0.0192	0.0149	0.0121	0.0174	0.0201
Cu-64	0.2205	0.1518	0.2049	0.2418	0.1406	0.0886	0.1786	0.2360

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Cu-66	0.1171	0.0924	0.1139	0.1217	0.1347	0.1320	0.1457	0.1419
Cu-67	1.2063	1.0299	1.1859	1.2510	1.2668	1.2310	1.3574	1.3711
Cu-69	0.7072	0.5633	0.6891	0.7349	0.8094	0.7946	0.8749	0.8538
Dy-148	2.2200	1.8719	2.1761	2.2994	2.3331	2.2581	2.5017	2.5249
Dy-149	3.4549	2.9071	3.3831	3.5759	3.6488	3.5324	3.9086	3.9248
Dy-150	1.4342	1.2259	1.4091	1.4841	1.4917	1.4452	1.5942	1.6115
Dy-151	3.2876	2.7307	3.2127	3.4136	3.4536	3.3238	3.7217	3.7583
Dy-152	2.3382	2.0188	2.3016	2.4175	2.4210	2.3478	2.5825	2.6116
Dy-153	4.1971	3.6144	4.1234	4.3390	4.2981	4.1467	4.5846	4.6575
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	2.9174	2.4983	2.8667	3.0173	3.0446	2.9526	3.2509	3.2786
Dy-157	2.3794	2.0469	2.3397	2.4610	2.4631	2.3859	2.6310	2.6613
Dy-159	1.2434	1.0988	1.2221	1.2839	1.1772	1.1104	1.2503	1.3118
Dy-165m	0.3825	0.2998	0.3662	0.4070	0.3145	0.2629	0.3591	0.4130
Dy-165	0.2256	0.1955	0.2218	0.2333	0.2278	0.2192	0.2429	0.2481
Dy-166	1.0340	0.8878	1.0114	1.0753	0.9701	0.9029	1.0455	1.1083
Dy-167	2.0359	1.7101	1.9987	2.1104	2.1933	2.1411	2.3544	2.3497
Dy-168	1.9702	1.6667	1.9333	2.0431	2.0671	2.0025	2.2179	2.2391
Er-154	1.4451	1.2601	1.4139	1.4988	1.3192	1.2157	1.4160	1.5185
Er-156	1.9620	1.6432	1.9033	2.0555	1.7178	1.5282	1.8868	2.0809
Er-159	2.7609	2.3178	2.7038	2.8632	2.8931	2.7931	3.1088	3.1404
Er-161	2.9143	2.4356	2.8502	3.0255	3.0270	2.9091	3.2595	3.3014
Er-163	1.0748	0.9395	1.0548	1.1128	1.0157	0.9546	1.0846	1.1402
Er-165	1.0412	0.9087	1.0214	1.0786	0.9809	0.9200	1.0486	1.1044
Er-167m	0.9999	0.8452	0.9795	1.0403	1.0132	0.9677	1.0931	1.1232
Er-169	0.0104	0.0071	0.0096	0.0114	0.0065	0.0040	0.0083	0.0111
Er-171	2.5651	2.1817	2.5199	2.6592	2.6877	2.6071	2.8833	2.9073
Er-172	2.2202	1.8698	2.1763	2.3037	2.3128	2.2328	2.4855	2.5169
Er-173	3.9409	3.3426	3.8701	4.0836	4.1736	4.0604	4.4709	4.4887
Es-249	2.8358	2.4337	2.7814	2.9367	2.8470	2.7099	3.0616	3.1514
Es-250	8.0774	6.9066	7.8960	8.3805	7.7466	7.2053	8.3878	8.8297
Es-250m	2.4685	2.1082	2.4168	2.5570	2.4621	2.3302	2.6521	2.7386
Es-251	2.2171	1.9149	2.1674	2.3011	2.0474	1.8767	2.2207	2.3798
Es-253	0.0398	0.0338	0.0385	0.0417	0.0312	0.0258	0.0349	0.0407
Es-254	1.4463	1.1987	1.3911	1.5226	1.0951	0.8753	1.2458	1.4827
Es-254m	1.3400	1.1136	1.3074	1.3920	1.3663	1.2942	1.4816	1.5234
Es-255	0.0009	0.0007	0.0009	0.0009	0.0010	0.0010	0.0011	0.0011
Es-256	0.1876	0.1634	0.1823	0.1951	0.1503	0.1273	0.1651	0.1902
Eu-142	0.3066	0.2495	0.2989	0.3178	0.3392	0.3303	0.3653	0.3607
Eu-142m	4.2727	3.4268	4.1642	4.4458	4.7601	4.6384	5.1554	5.0945

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Eu-143	0.5761	0.4840	0.5632	0.5954	0.6098	0.5890	0.6521	0.6543
Eu-144	0.2539	0.2114	0.2478	0.2625	0.2703	0.2607	0.2897	0.2901
Eu-145	2.3406	1.9559	2.2893	2.4217	2.5007	2.4237	2.6792	2.6800
Eu-146	4.1875	3.4417	4.0936	4.3406	4.6065	4.4966	4.9561	4.9115
Eu-147	2.4614	2.1385	2.4214	2.5390	2.5368	2.4574	2.6947	2.7293
Eu-148	4.8803	4.0369	4.7783	5.0578	5.3567	5.2370	5.7559	5.7102
Eu-149	1.1615	1.0143	1.1376	1.2025	1.0830	1.0075	1.1583	1.2309
Eu-150	4.6065	3.8617	4.5199	4.7699	5.0063	4.8976	5.3668	5.3346
Eu-150m	0.1997	0.1723	0.1964	0.2062	0.2069	0.2004	0.2204	0.2229
Eu-152	2.9634	2.4981	2.9052	3.0653	3.1710	3.0854	3.3927	3.3885
Eu-152m	0.8053	0.6816	0.7895	0.8327	0.8521	0.8268	0.9107	0.9133
Eu-152n	1.5642	1.3327	1.5302	1.6282	1.5116	1.4207	1.6320	1.7125
Eu-154	2.5165	2.0801	2.4623	2.6084	2.7606	2.6960	2.9667	2.9375
Eu-154m	1.7417	1.4751	1.6975	1.8174	1.6117	1.4803	1.7516	1.8790
Eu-155	1.1003	0.9676	1.0853	1.1349	1.1244	1.0931	1.1913	1.2087
Eu-156	1.4738	1.1847	1.4347	1.5308	1.6394	1.5944	1.7716	1.7493
Eu-157	1.9355	1.6547	1.8976	2.0066	1.9408	1.8530	2.0811	2.1404
Eu-158	1.9844	1.6039	1.9336	2.0627	2.1771	2.1121	2.3531	2.3362
Eu-159	2.1660	1.8946	2.1322	2.2340	2.1877	2.1110	2.3212	2.3675
F-17	0.0004	0.0003	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005
F-18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-52	1.6918	1.4387	1.6621	1.7558	1.7825	1.7301	1.9128	1.9330
Fe-53	0.5531	0.4584	0.5426	0.5739	0.6131	0.6026	0.6595	0.6516
Fe-53m	3.4678	2.7447	3.3744	3.6040	3.9844	3.9061	4.3122	4.2051
Fe-55	0.2978	0.2043	0.2764	0.3270	0.1859	0.1140	0.2378	0.3176
Fe-59	1.2706	1.0020	1.2352	1.3205	1.4633	1.4333	1.5840	1.5414
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	1.7323	1.3877	1.6886	1.7986	1.9773	1.9396	2.1347	2.0837
Fe-62	1.2003	0.9839	1.1762	1.2454	1.3502	1.3308	1.4526	1.4252
Fm-251	2.0601	1.7614	2.0135	2.1409	1.9595	1.8182	2.1232	2.2470
Fm-252	0.1003	0.0871	0.0974	0.1043	0.0797	0.0670	0.0880	0.1016
Fm-253	1.7723	1.5264	1.7280	1.8423	1.5732	1.4107	1.7153	1.8770
Fm-254	0.1103	0.0953	0.1071	0.1147	0.0907	0.0777	0.0998	0.1134
Fm-255	1.1344	0.9628	1.0964	1.1868	0.8803	0.7224	0.9862	1.1566
Fm-256	16.6260	13.5727	16.2503	17.2299	18.7516	18.4171	20.1704	19.7734
Fm-257	2.1812	1.8867	2.1354	2.2612	2.0635	1.9153	2.2289	2.3600
Fr-212	3.3741	2.8024	3.2923	3.5121	3.4260	3.2442	3.7252	3.8222
Fr-219	0.0162	0.0136	0.0159	0.0168	0.0172	0.0168	0.0186	0.0186
Fr-220	0.2865	0.2381	0.2775	0.3008	0.2468	0.2155	0.2757	0.3061
Fr-221	0.2572	0.2195	0.2528	0.2667	0.2677	0.2588	0.2877	0.2913

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Fr-222	1.6801	1.4268	1.6441	1.7466	1.6547	1.5565	1.7962	1.8680
Fr-223	1.2050	1.0461	1.1796	1.2498	1.1089	1.0208	1.2010	1.2801
Fr-224	1.7081	1.4291	1.6715	1.7732	1.7868	1.7167	1.9306	1.9534
Fr-227	2.6959	2.3031	2.6464	2.7930	2.7657	2.6597	2.9721	3.0258
Ga-64	1.7122	1.3354	1.6589	1.7795	1.9758	1.9272	2.1415	2.0868
Ga-65	1.7348	1.4454	1.6929	1.8101	1.7316	1.6349	1.8807	1.9504
Ga-66	1.3863	1.0491	1.3293	1.4569	1.4549	1.3527	1.6118	1.6514
Ga-67	2.1403	1.6980	2.0619	2.2659	1.9221	1.6973	2.1588	2.3776
Ga-68	0.1168	0.0846	0.1103	0.1256	0.0961	0.0775	0.1129	0.1310
Ga-70	0.0156	0.0123	0.0151	0.0164	0.0161	0.0152	0.0177	0.0182
Ga-72	2.6467	2.0920	2.5734	2.7499	3.0413	2.9799	3.2918	3.2100
Ga-73	2.4508	1.9229	2.3594	2.5955	2.2448	1.9926	2.5266	2.7567
Ga-74	2.9060	2.3039	2.8261	3.0178	3.3370	3.2682	3.6087	3.5262
Gd-142	1.3657	1.1566	1.3397	1.4123	1.4525	1.4123	1.5529	1.5555
Gd-143m	3.5849	3.0136	3.5156	3.7102	3.8593	3.7620	4.1342	4.1213
Gd-144	0.9136	0.7795	0.8950	0.9438	0.9422	0.9062	1.0056	1.0198
Gd-145m	1.4685	1.1808	1.4278	1.5338	1.5439	1.4723	1.6850	1.7126
Gd-145	1.9955	1.6241	1.9415	2.0666	2.1840	2.1130	2.3496	2.3316
Gd-146	4.2383	3.7511	4.1805	4.3649	4.2911	4.1562	4.5364	4.6200
Gd-147	4.2893	3.6166	4.2099	4.4390	4.6151	4.5050	4.9399	4.9257
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	3.2090	2.7747	3.1580	3.3137	3.3445	3.2507	3.5603	3.5907
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	1.4124	1.2247	1.3825	1.4649	1.3225	1.2301	1.4193	1.5069
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	2.2315	1.9872	2.2007	2.2968	2.2101	2.1279	2.3327	2.3961
Gd-159	0.4237	0.3676	0.4168	0.4378	0.4297	0.4142	0.4577	0.4665
Gd-162	1.3495	1.1121	1.3209	1.4032	1.4610	1.4212	1.5773	1.5769
Ge-66	2.6916	2.1739	2.6071	2.8300	2.5562	2.3346	2.8260	3.0176
Ge-67	1.7281	1.4583	1.6972	1.7906	1.8752	1.8353	2.0089	2.0015
Ge-68	0.7309	0.5022	0.6786	0.8023	0.4567	0.2807	0.5838	0.7792
Ge-69	1.4603	1.0993	1.3963	1.5509	1.3756	1.2187	1.5578	1.6836
Ge-71	0.7413	0.5094	0.6883	0.8137	0.4632	0.2847	0.5921	0.7903
Ge-75	0.1851	0.1569	0.1823	0.1916	0.2036	0.2008	0.2179	0.2152
Ge-77	3.1302	2.6081	3.0733	3.2443	3.4750	3.4200	3.7303	3.6788
Ge-78	1.3788	1.1658	1.3578	1.4273	1.5223	1.5021	1.6301	1.6079
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	1.7205	1.4598	1.6877	1.7860	1.7657	1.6981	1.8991	1.9337
Hf-169	2.4504	2.0602	2.3995	2.5457	2.5159	2.4144	2.7091	2.7599
Hf-170	3.5225	2.9630	3.4425	3.6691	3.4812	3.2869	3.7675	3.9153

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Hf-172	2.8682	2.4080	2.7898	3.0007	2.6003	2.3585	2.8433	3.0803
Hf-173	4.1320	3.5476	4.0602	4.2813	4.2350	4.0851	4.5335	4.6120
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	2.6261	2.2222	2.5728	2.7290	2.6556	2.5376	2.8614	2.9348
Hf-177m	14.6273	12.3444	14.3526	15.1882	15.3398	14.8450	16.5033	16.6786
Hf-178m	10.3560	8.6576	10.1507	10.7607	10.9840	10.6488	11.8348	11.9166
Hf-179m	6.0845	5.1105	5.9579	6.3293	6.2471	5.9870	6.7428	6.8873
Hf-180m	5.3354	4.4881	5.2334	5.5403	5.6195	5.4440	6.0463	6.0987
Hf-181	2.5952	2.1718	2.5420	2.6973	2.7211	2.6264	2.9329	2.9668
Hf-182	1.5092	1.2786	1.4839	1.5646	1.6132	1.5741	1.7307	1.7323
Hf-182m	4.5983	3.8488	4.5002	4.7827	4.7431	4.5497	5.1203	5.2171
Hf-183	2.2389	1.8705	2.1949	2.3209	2.4111	2.3528	2.5881	2.5793
Hf-184	3.0231	2.4291	2.9194	3.1905	2.7409	2.4419	3.0578	3.3436
Hg-190	3.4183	2.8758	3.3366	3.5676	3.2915	3.0691	3.5819	3.7718
Hg-191m	5.3111	4.3801	5.1828	5.5379	5.4486	5.1853	5.9205	6.0627
Hg-192	3.3857	2.8240	3.3001	3.5389	3.2470	3.0141	3.5477	3.7456
Hg-193	3.3231	2.7348	3.2338	3.4732	3.2707	3.0551	3.5746	3.7316
Hg-193m	3.0971	2.5470	3.0197	3.2289	3.1774	3.0209	3.4532	3.5349
Hg-194	0.4094	0.2945	0.3830	0.4455	0.2642	0.1720	0.3311	0.4313
Hg-195	2.1964	1.8014	2.1285	2.3076	1.9927	1.7903	2.2069	2.3974
Hg-195m	2.4959	1.9914	2.4030	2.6409	2.1674	1.8793	2.4470	2.7285
Hg-197	2.0328	1.6761	1.9704	2.1362	1.8115	1.6172	2.0069	2.1982
Hg-197m	1.9177	1.5682	1.8569	2.0178	1.7286	1.5439	1.9217	2.0976
Hg-199m	2.4230	2.0296	2.3638	2.5304	2.3406	2.1813	2.5521	2.6861
Hg-203	1.3855	1.1705	1.3617	1.4369	1.4827	1.4459	1.5934	1.5942
Hg-205	0.0487	0.0415	0.0479	0.0505	0.0509	0.0493	0.0547	0.0553
Hg-206	0.6586	0.5537	0.6462	0.6839	0.6962	0.6748	0.7504	0.7555
Hg-207	3.4685	2.7944	3.3794	3.6040	3.8626	3.7600	4.1767	4.1226
Ho-150	1.8687	1.5149	1.8254	1.9405	2.0906	2.0486	2.2565	2.2194
Ho-153	2.3981	2.0338	2.3553	2.4826	2.5448	2.4771	2.7246	2.7302
Ho-153m	2.8310	2.4134	2.7811	2.9310	2.9675	2.8802	3.1747	3.1997
Ho-154m	5.6713	4.7135	5.5620	5.8798	6.2330	6.1117	6.6963	6.6276
Ho-154	2.9600	2.4546	2.9004	3.0689	3.2498	3.1807	3.4936	3.4594
Ho-155	2.4118	2.0615	2.3650	2.5001	2.4337	2.3284	2.6095	2.6751
Ho-156	4.2306	3.5517	4.1479	4.3817	4.5495	4.4317	4.8777	4.8663
Ho-157	3.6218	3.1185	3.5576	3.7484	3.6731	3.5312	3.9256	4.0073
Ho-159	4.0641	3.5333	3.9988	4.2003	4.1221	3.9757	4.3903	4.4756
Ho-160	4.3086	3.5786	4.2144	4.4712	4.5839	4.4371	4.9332	4.9513
Ho-161	1.6216	1.4171	1.5884	1.6804	1.4992	1.3910	1.6057	1.7110
Ho-162	1.4357	1.2437	1.4068	1.4883	1.3652	1.2813	1.4625	1.5367

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ho-162m	2.7560	2.3148	2.6909	2.8690	2.7190	2.5612	2.9412	3.0563
Ho-163	0.0119	0.0082	0.0111	0.0131	0.0075	0.0046	0.0095	0.0127
Ho-164	0.8082	0.7029	0.7920	0.8379	0.7580	0.7083	0.8120	0.8584
Ho-164m	1.6181	1.3436	1.5674	1.6990	1.4026	1.2385	1.5481	1.7169
Ho-166	0.3362	0.2777	0.3262	0.3527	0.3055	0.2762	0.3360	0.3644
Ho-166m	4.8512	4.0231	4.7511	5.0376	5.2459	5.1093	5.6510	5.6395
Ho-167	1.8189	1.5334	1.7863	1.8862	1.9451	1.8964	2.0888	2.0904
Ho-168	1.8216	1.4785	1.7767	1.8963	1.9705	1.9073	2.1351	2.1338
Ho-168m	0.3457	0.2695	0.3300	0.3688	0.2708	0.2191	0.3122	0.3676
Ho-170	4.2629	3.5206	4.1687	4.4282	4.5807	4.4424	4.9378	4.9383
I-118m	5.1624	4.1918	5.0462	5.3577	5.8265	5.7230	6.2825	6.1736
I-118	1.7593	1.4264	1.7189	1.8258	1.9865	1.9501	2.1423	2.1053
I-119	1.8431	1.5929	1.8163	1.9010	1.9710	1.9306	2.0969	2.0921
I-120	2.1170	1.7169	2.0640	2.1935	2.3782	2.3239	2.5608	2.5187
I-120m	4.4399	3.6063	4.3382	4.6061	5.0029	4.9088	5.3923	5.3024
I-121	2.1502	1.8913	2.1213	2.2129	2.2515	2.1984	2.3831	2.3970
I-122	0.4302	0.3684	0.4224	0.4436	0.4565	0.4439	0.4863	0.4877
I-123	2.1141	1.8903	2.0886	2.1709	2.1767	2.1208	2.2918	2.3200
I-124	1.7055	1.4417	1.6710	1.7604	1.8325	1.7821	1.9575	1.9560
I-125	1.3229	1.2479	1.3088	1.3458	1.2264	1.1613	1.2674	1.3366
I-126	1.2944	1.1037	1.2714	1.3361	1.3867	1.3532	1.4794	1.4787
I-128	0.2204	0.1873	0.2165	0.2277	0.2379	0.2328	0.2539	0.2528
I-129	0.7447	0.6986	0.7365	0.7580	0.6987	0.6652	0.7229	0.7576
I-130m	0.4210	0.3568	0.4112	0.4368	0.4185	0.3951	0.4507	0.4674
I-130	4.0707	3.3025	3.9813	4.2266	4.6071	4.5342	4.9696	4.8751
I-131	1.3703	1.1377	1.3448	1.4173	1.5256	1.5074	1.6231	1.6105
I-132	3.6165	2.9095	3.5313	3.7565	4.1139	4.0448	4.4443	4.3512
I-132m	1.1738	0.9883	1.1476	1.2177	1.2023	1.1478	1.2951	1.3256
I-133	1.2700	1.0358	1.2432	1.3181	1.4327	1.4108	1.5431	1.5140
I-134m	2.0091	1.7756	1.9824	2.0652	2.0840	2.0304	2.2027	2.2201
I-134	3.7222	2.9840	3.6310	3.8661	4.2428	4.1683	4.5827	4.4764
I-135	1.6008	1.2645	1.5563	1.6631	1.8420	1.8038	1.9932	1.9410
In-103	2.7684	2.2744	2.7080	2.8681	3.1029	3.0458	3.3342	3.2768
In-105	2.5178	2.1181	2.4709	2.6022	2.7652	2.7120	2.9565	2.9234
In-106	4.4218	3.5721	4.3182	4.5902	5.0042	4.9123	5.3985	5.2952
In-106m	1.9906	1.5939	1.9387	2.0656	2.2649	2.2169	2.4461	2.4001
In-107	2.3186	1.9625	2.2748	2.3940	2.5132	2.4539	2.6840	2.6681
In-108	5.8549	4.7828	5.7221	6.0687	6.5510	6.4156	7.0512	6.9384
In-108m	2.1109	1.7182	2.0573	2.1849	2.3557	2.2950	2.5347	2.5023
In-109	2.4798	2.1572	2.4430	2.5544	2.6212	2.5579	2.7825	2.7902

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
In-109m	1.1839	0.9633	1.1580	1.2287	1.3337	1.3104	1.4386	1.4174
In-110	5.3758	4.4035	5.2552	5.5708	5.9827	5.8541	6.4372	6.3491
In-110m	1.6089	1.3297	1.5742	1.6655	1.7752	1.7344	1.9075	1.8910
In-111	3.4601	3.0364	3.4166	3.5633	3.6559	3.5794	3.8738	3.8830
In-111m	1.1294	0.9335	1.1071	1.1705	1.2564	1.2347	1.3496	1.3311
In-112	0.2951	0.2700	0.2914	0.3015	0.2851	0.2714	0.2984	0.3101
In-112m	0.6872	0.6362	0.6800	0.7017	0.6627	0.6337	0.6906	0.7174
In-113m	1.0153	0.8691	0.9989	1.0482	1.0904	1.0669	1.1625	1.1601
In-114	0.0056	0.0050	0.0055	0.0058	0.0057	0.0055	0.0060	0.0062
In-114m	0.6483	0.5792	0.6393	0.6660	0.6488	0.6238	0.6848	0.7026
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	0.9005	0.7872	0.8875	0.9273	0.9431	0.9183	1.0012	1.0072
In-116m	2.5866	2.0475	2.5157	2.6870	2.9725	2.9120	3.2156	3.1322
In-117	2.6539	2.2467	2.6109	2.7450	2.9227	2.8805	3.1221	3.0880
In-117m	0.6859	0.6024	0.6768	0.7061	0.7214	0.7048	0.7644	0.7676
In-118m	3.2922	2.6099	3.2046	3.4213	3.7792	3.7056	4.0889	3.9870
In-118	0.0799	0.0629	0.0777	0.0831	0.0922	0.0903	0.0999	0.0971
In-119	1.3981	1.1369	1.3646	1.4520	1.5397	1.4995	1.6639	1.6485
In-119m	0.1742	0.1483	0.1703	0.1803	0.1751	0.1658	0.1880	0.1935
In-121	1.3520	1.0820	1.3186	1.4045	1.5428	1.5154	1.6663	1.6268
In-121m	0.5917	0.5460	0.5863	0.6036	0.5862	0.5681	0.6090	0.6220
Ir-180	3.7382	3.0911	3.6522	3.8930	3.8941	3.7327	4.2187	4.2881
Ir-182	3.6508	3.0300	3.5667	3.8027	3.7593	3.5903	4.0732	4.1597
Ir-183	3.8567	3.1683	3.7528	4.0299	3.8259	3.5851	4.1745	4.3446
Ir-184	5.4169	4.4615	5.2859	5.6442	5.6181	5.3669	6.0937	6.2070
Ir-185	3.7754	3.0666	3.6566	3.9652	3.5407	3.2202	3.9094	4.1892
Ir-186	5.2458	4.3370	5.1224	5.4632	5.4401	5.2037	5.8947	6.0029
Ir-186m	3.0472	2.4960	2.9690	3.1769	3.1484	2.9975	3.4207	3.4926
Ir-187	2.5790	2.1133	2.5025	2.7058	2.4140	2.2035	2.6571	2.8460
Ir-188	3.7396	3.0478	3.6380	3.8981	3.8776	3.6858	4.2134	4.2990
Ir-189	1.8874	1.5413	1.8261	1.9874	1.6745	1.4866	1.8602	2.0468
Ir-190	5.7205	4.7429	5.5960	5.9520	6.0273	5.8115	6.5148	6.5898
Ir-190m	0.4080	0.2829	0.3793	0.4470	0.2565	0.1595	0.3266	0.4339
Ir-190n	1.4975	1.2418	1.4538	1.5709	1.3554	1.2231	1.4917	1.6210
Ir-191m	1.9054	1.5476	1.8412	2.0091	1.6837	1.4864	1.8785	2.0732
Ir-192	3.1290	2.6118	3.0718	3.2458	3.4274	3.3604	3.6863	3.6556
Ir-192m	0.4563	0.3238	0.4259	0.4979	0.2917	0.1867	0.3678	0.4825
Ir-192n	0.9561	0.6807	0.8931	1.0424	0.6151	0.3974	0.7734	1.0111
Ir-193m	0.4087	0.2852	0.3805	0.4473	0.2597	0.1641	0.3291	0.4346
Ir-194	0.2840	0.2362	0.2787	0.2946	0.3134	0.3076	0.3372	0.3334

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ir-194m	6.5243	5.3765	6.3923	6.7745	7.2045	7.0585	7.7656	7.6903
Ir-195	1.4847	1.2252	1.4398	1.5594	1.3365	1.1994	1.4776	1.6110
Ir-195m	2.2433	1.8607	2.1893	2.3410	2.2519	2.1286	2.4503	2.5344
Ir-196	0.5632	0.4633	0.5517	0.5846	0.6257	0.6141	0.6742	0.6648
Ir-196m	7.0451	5.7929	6.8958	7.3227	7.6970	7.5065	8.3108	8.2748
K-38	1.0835	0.8286	1.0442	1.1249	1.2718	1.2368	1.3792	1.3390
K-40	0.1288	0.0995	0.1246	0.1343	0.1465	0.1416	0.1597	0.1567
K-42	0.2122	0.1648	0.2055	0.2205	0.2467	0.2409	0.2677	0.2596
K-43	2.4624	2.0276	2.4145	2.5545	2.7638	2.7231	2.9738	2.9272
K-44	1.7580	1.3718	1.7039	1.8263	2.0383	1.9916	2.2081	2.1469
K-45	2.3150	1.8977	2.2627	2.3978	2.6107	2.5634	2.8039	2.7493
K-46	1.7179	1.3296	1.6614	1.7843	2.0017	1.9521	2.1712	2.1061
Kr-74	2.3108	1.9600	2.2647	2.4013	2.3430	2.2370	2.5319	2.5951
Kr-75	2.0228	1.7320	1.9879	2.0947	2.1173	2.0514	2.2703	2.2904
Kr-76	2.7756	2.3058	2.7030	2.8997	2.6737	2.4714	2.9411	3.0912
Kr-77	2.1645	1.8667	2.1306	2.2392	2.2714	2.2087	2.4291	2.4454
Kr-79	1.2859	1.0413	1.2412	1.3547	1.1304	0.9852	1.2776	1.4061
Kr-81	0.7331	0.5788	0.6974	0.7826	0.5066	0.3664	0.6102	0.7529
Kr-81m	1.2822	1.0983	1.2597	1.3293	1.3209	1.2706	1.4235	1.4467
Kr-83m	0.3278	0.2542	0.3108	0.3513	0.2233	0.1583	0.2709	0.3383
Kr-85	0.0052	0.0043	0.0051	0.0054	0.0059	0.0058	0.0063	0.0062
Kr-85m	1.4395	1.2440	1.4194	1.4873	1.5433	1.5140	1.6457	1.6418
Kr-87	0.9793	0.7932	0.9563	1.0160	1.1104	1.0907	1.1966	1.1724
Kr-88	1.7592	1.4166	1.7115	1.8243	1.9728	1.9189	2.1315	2.0971
Kr-89	2.1116	1.6983	2.0587	2.1912	2.4015	2.3545	2.5915	2.5355
La-128	4.0191	3.3064	3.9356	4.1663	4.4936	4.4144	4.8319	4.7526
La-129	1.7789	1.5419	1.7515	1.8336	1.8836	1.8409	2.0015	2.0039
La-130	2.8941	2.3859	2.8332	2.9989	3.2206	3.1595	3.4613	3.4106
La-131	2.3024	2.0106	2.2676	2.3708	2.4085	2.3481	2.5537	2.5688
La-132	2.5868	2.1438	2.5305	2.6769	2.8447	2.7801	3.0513	3.0202
La-132m	2.4745	2.1156	2.4309	2.5571	2.6217	2.5522	2.7982	2.8081
La-133	1.0282	0.9063	1.0060	1.0619	0.9492	0.8786	1.0137	1.0826
La-134	0.3777	0.3391	0.3717	0.3871	0.3707	0.3545	0.3898	0.4025
La-135	0.8017	0.7406	0.7906	0.8186	0.7518	0.7126	0.7835	0.8231
La-136	0.5434	0.4988	0.5356	0.5553	0.5148	0.4889	0.5376	0.5624
La-137	0.7549	0.6988	0.7444	0.7708	0.7023	0.6639	0.7317	0.7716
La-138	1.5859	1.2995	1.5456	1.6419	1.7343	1.6823	1.8660	1.8496
La-140	2.5635	2.0467	2.4965	2.6615	2.9289	2.8708	3.1648	3.0882
La-141	0.0223	0.0173	0.0216	0.0231	0.0258	0.0252	0.0280	0.0272
La-142	1.7805	1.3993	1.7276	1.8488	2.0555	2.0095	2.2248	2.1703

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
La-143	0.2590	0.2049	0.2518	0.2690	0.2977	0.2916	0.3221	0.3143
Lu-165	3.6255	3.0725	3.5528	3.7612	3.7136	3.5653	3.9885	4.0636
Lu-167	3.9038	3.2485	3.8108	4.0571	4.0161	3.8331	4.3356	4.4207
Lu-169m	0.3002	0.2061	0.2787	0.3296	0.1875	0.1151	0.2397	0.3201
Lu-169	3.6703	3.0566	3.5849	3.8155	3.7719	3.6038	4.0710	4.1487
Lu-170	3.4417	2.7952	3.3462	3.5818	3.6187	3.4541	3.9222	3.9670
Lu-171m	0.3215	0.2221	0.2989	0.3525	0.2034	0.1273	0.2585	0.3429
Lu-171	3.5551	2.9474	3.4591	3.7147	3.4007	3.1486	3.7113	3.9212
Lu-172	4.9315	4.0534	4.8101	5.1343	5.1421	4.9214	5.5675	5.6490
Lu-172m	0.2699	0.1853	0.2506	0.2963	0.1686	0.1035	0.2155	0.2878
Lu-173	2.9772	2.5586	2.9183	3.0911	2.8877	2.7287	3.1022	3.2336
Lu-174	1.5255	1.2852	1.4864	1.5930	1.4112	1.2959	1.5356	1.6432
Lu-174m	1.8865	1.5328	1.8205	1.9907	1.6172	1.4079	1.8058	2.0211
Lu-176	3.4935	2.9348	3.4237	3.6335	3.6325	3.4984	3.9204	3.9832
Lu-176m	0.4214	0.3402	0.4066	0.4451	0.3671	0.3216	0.4105	0.4568
Lu-177	0.3942	0.3344	0.3865	0.4098	0.4018	0.3852	0.4328	0.4432
Lu-177m	7.6566	6.4997	7.5165	7.9458	7.9631	7.6968	8.5526	8.6686
Lu-178	0.3755	0.3034	0.3638	0.3939	0.3641	0.3357	0.4006	0.4224
Lu-178m	6.2386	5.2735	6.1255	6.4729	6.5896	6.4019	7.0768	7.1248
Lu-179	0.2136	0.1825	0.2104	0.2211	0.2308	0.2267	0.2466	0.2455
Lu-180	2.9800	2.4272	2.9073	3.1008	3.2236	3.1183	3.4889	3.4874
Lu-181	2.5598	2.0964	2.4918	2.6765	2.5629	2.4101	2.7986	2.9047
Mg-27	1.2383	0.9861	1.2069	1.2870	1.4176	1.3927	1.5328	1.4940
Mg-28	2.1912	1.8441	2.1473	2.2583	2.4179	2.3721	2.5766	2.5357
Mn-50m	4.0263	3.1826	3.9167	4.1845	4.6293	4.5383	5.0120	4.8811
Mn-51	0.0134	0.0099	0.0127	0.0143	0.0116	0.0098	0.0135	0.0152
Mn-52	3.7781	2.9713	3.6685	3.9366	4.2525	4.1311	4.6242	4.5536
Mn-52m	1.1644	0.9060	1.1283	1.2104	1.3496	1.3176	1.4645	1.4223
Mn-53	0.2425	0.1664	0.2251	0.2663	0.1514	0.0928	0.1936	0.2586
Mn-54	1.4635	1.1409	1.4158	1.5352	1.5466	1.4646	1.7027	1.7297
Mn-56	1.6912	1.3346	1.6442	1.7572	1.9470	1.9088	2.1074	2.0516
Mn-57	0.8086	0.6419	0.7775	0.8558	0.7025	0.6061	0.7953	0.8882
Mn-58m	2.6968	2.1388	2.6250	2.8020	3.0955	3.0369	3.3497	3.2622
Mo-101	2.2417	1.8111	2.1857	2.3302	2.4837	2.4167	2.6862	2.6603
Mo-102	0.1528	0.1321	0.1508	0.1578	0.1660	0.1638	0.1766	0.1752
Mo-89	0.2743	0.2205	0.2672	0.2845	0.3078	0.3000	0.3328	0.3275
Mo-90	3.5797	3.1271	3.5280	3.6858	3.6935	3.5692	3.9366	3.9882
Mo-91m	1.1726	0.9396	1.1426	1.2172	1.3273	1.2973	1.4353	1.4092
Mo-91	0.0536	0.0482	0.0526	0.0548	0.0482	0.0437	0.0515	0.0556
Mo-93	0.6648	0.6189	0.6552	0.6774	0.5551	0.4908	0.5909	0.6593

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Mo-93m	3.4018	2.7731	3.3231	3.5262	3.8008	3.7148	4.0983	4.0360
Mo-99	0.4309	0.3635	0.4233	0.4454	0.4710	0.4620	0.5040	0.4993
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	0.7157	0.5359	0.6817	0.7387	0.8521	0.8201	0.9232	0.8906
Na-22	1.1824	0.9237	1.1474	1.2293	1.3694	1.3395	1.4854	1.4421
Na-24	2.2123	1.7025	2.1357	2.2971	2.5871	2.5195	2.8069	2.7217
Nb-87	2.4200	2.1131	2.3863	2.4949	2.5128	2.4368	2.6797	2.7103
Nb-88m	4.4448	3.5715	4.3364	4.6154	5.0515	4.9560	5.4537	5.3379
Nb-88	5.6931	4.6587	5.5653	5.9013	6.3133	6.1645	6.8028	6.7161
Nb-89	0.5373	0.4418	0.5225	0.5551	0.5664	0.5378	0.6129	0.6186
Nb-89m	1.2173	1.0097	1.1928	1.2610	1.3286	1.2959	1.4302	1.4205
Nb-90	4.0274	3.3083	3.9283	4.1663	4.4141	4.2763	4.7526	4.7153
Nb-91	0.6876	0.6334	0.6760	0.7028	0.5620	0.4881	0.6057	0.6827
Nb-91m	0.5986	0.5521	0.5893	0.6108	0.5084	0.4522	0.5424	0.6005
Nb-92	3.1140	2.5824	3.0450	3.2237	3.3300	3.2114	3.5937	3.6036
Nb-92m	1.9485	1.6343	1.9039	2.0134	2.0073	1.9064	2.1684	2.2062
Nb-93m	0.1354	0.1220	0.1325	0.1393	0.1095	0.0940	0.1189	0.1356
Nb-94m	0.4629	0.4285	0.4558	0.4723	0.3871	0.3420	0.4131	0.4609
Nb-94	2.4224	1.9407	2.3639	2.5170	2.7624	2.7161	2.9862	2.9187
Nb-95	1.2152	0.9746	1.1862	1.2626	1.3848	1.3626	1.4974	1.4622
Nb-95m	0.8333	0.7455	0.8215	0.8550	0.7982	0.7498	0.8511	0.8914
Nb-96	3.8803	3.1216	3.7886	4.0302	4.4146	4.3406	4.7674	4.6603
Nb-97	1.2267	0.9916	1.1992	1.2742	1.3915	1.3686	1.5028	1.4768
Nb-98m	3.7861	3.0284	3.6917	3.9328	4.3211	4.2440	4.6715	4.5618
Nb-99	2.4521	2.1732	2.4237	2.5208	2.5564	2.4979	2.7044	2.7208
Nb-99m	0.8517	0.6978	0.8316	0.8816	0.9492	0.9271	1.0207	1.0057
Nd-134	2.6042	2.2797	2.5679	2.6830	2.7295	2.6663	2.8921	2.9080
Nd-135	2.9629	2.5508	2.9136	3.0607	3.1052	3.0187	3.3094	3.3346
Nd-136	2.2828	2.0263	2.2487	2.3481	2.2802	2.1952	2.4084	2.4690
Nd-137	2.5482	2.1909	2.5029	2.6275	2.6776	2.6024	2.8482	2.8616
Nd-138	0.9062	0.8244	0.8936	0.9285	0.8650	0.8235	0.9063	0.9455
Nd-139	0.9183	0.8113	0.9033	0.9440	0.9193	0.8835	0.9713	0.9947
Nd-139m	3.9076	3.3067	3.8324	4.0368	4.1939	4.0895	4.4788	4.4658
Nd-140	0.8154	0.7456	0.8040	0.8349	0.7672	0.7271	0.8024	0.8423
Nd-141	0.8352	0.7614	0.8234	0.8553	0.7918	0.7520	0.8287	0.8669
Nd-141m	1.1836	0.9573	1.1561	1.2289	1.3346	1.3108	1.4408	1.4127
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	1.1598	1.0228	1.1440	1.1936	1.1911	1.1592	1.2584	1.2734
Nd-149	2.1645	1.8619	2.1322	2.2357	2.3196	2.2751	2.4706	2.4643
Nd-151	2.4755	2.0933	2.4326	2.5591	2.7084	2.6615	2.8927	2.8613

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Nd-152	0.9654	0.8170	0.9477	1.0013	1.0101	0.9755	1.0869	1.0996
Ne-19	0.0002	0.0002	0.0002	0.0002	0.0003	0.0003	0.0003	0.0003
Ne-24	1.3043	1.0709	1.2784	1.3532	1.4663	1.4454	1.5771	1.5478
Ni-56	4.7170	3.8586	4.6059	4.9130	5.0595	4.8883	5.4825	5.5082
Ni-57	1.6567	1.2907	1.6003	1.7335	1.7761	1.6840	1.9484	1.9664
Ni-59	0.4205	0.2885	0.3903	0.4617	0.2624	0.1610	0.3357	0.4484
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.5384	0.4237	0.5230	0.5595	0.6211	0.6078	0.6725	0.6542
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	4.6558	3.9149	4.5533	4.8341	4.7339	4.5004	5.1284	5.2506
Np-233	1.7356	1.5036	1.7012	1.7991	1.6639	1.5573	1.7979	1.8858
Np-234	2.7257	2.2769	2.6564	2.8328	2.7082	2.5367	2.9473	3.0514
Np-235	0.5955	0.4911	0.5718	0.6280	0.4394	0.3429	0.5070	0.6085
Np-236	3.6921	3.1755	3.6030	3.8392	3.3295	3.0088	3.6415	3.9417
Np-236m	0.9736	0.8418	0.9530	1.0102	0.9154	0.8478	0.9927	1.0515
Np-237	1.2844	1.1056	1.2490	1.3378	1.0807	0.9395	1.1940	1.3351
Np-238	1.2279	1.0042	1.1925	1.2789	1.2240	1.1387	1.3391	1.3888
Np-239	2.6260	2.2519	2.5701	2.7272	2.5258	2.3590	2.7365	2.8741
Np-240	3.7856	3.1738	3.6945	3.9337	3.7580	3.5260	4.0846	4.2367
Np-240m	1.0331	0.8588	1.0060	1.0753	1.0094	0.9367	1.1035	1.1551
Np-241	0.6618	0.5729	0.6486	0.6860	0.6348	0.5937	0.6857	0.7198
Np-242	0.3562	0.2867	0.3461	0.3705	0.3812	0.3644	0.4149	0.4170
Np-242m	3.2369	2.7092	3.1548	3.3660	3.1569	2.9349	3.4423	3.5987
O-14	1.0639	0.8119	1.0245	1.1044	1.2507	1.2154	1.3568	1.3162
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	2.1872	1.8291	2.1471	2.2642	2.4361	2.4000	2.6091	2.5667
Os-180	2.0859	1.7108	2.0192	2.1934	1.8539	1.6490	2.0538	2.2570
Os-181	4.6365	3.8264	4.5214	4.8343	4.7175	4.4764	5.1220	5.2607
Os-182	3.1856	2.6348	3.1031	3.3308	3.1152	2.9103	3.3994	3.5625
Os-183	4.4496	3.7255	4.3474	4.6371	4.4307	4.1906	4.8007	4.9749
Os-183m	2.5141	2.0437	2.4437	2.6259	2.5510	2.4045	2.7809	2.8634
Os-185	2.5037	2.0534	2.4390	2.6136	2.5377	2.4007	2.7629	2.8502
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	0.3918	0.2709	0.3641	0.4296	0.2458	0.1523	0.3134	0.4170
Os-190m	5.5608	4.5572	5.4310	5.7965	5.8942	5.6742	6.3962	6.4688
Os-191	2.0198	1.6505	1.9550	2.1261	1.8086	1.6117	2.0088	2.2006
Os-191m	0.5209	0.3832	0.4910	0.5632	0.3721	0.2724	0.4485	0.5569
Os-193	0.6056	0.4981	0.5886	0.6346	0.5773	0.5319	0.6340	0.6731
Os-194	0.3964	0.2923	0.3731	0.4288	0.2732	0.1934	0.3322	0.4191
Os-196	0.5918	0.4979	0.5793	0.6158	0.6003	0.5728	0.6486	0.6660

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
P-30	0.0008	0.0006	0.0008	0.0009	0.0010	0.0009	0.0010	0.0010
P-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pa-227	0.7014	0.5968	0.6824	0.7319	0.6130	0.5436	0.6766	0.7435
Pa-228	4.8847	4.0789	4.7641	5.0828	4.8379	4.5326	5.2730	5.4709
Pa-229	1.5457	1.3293	1.5110	1.6067	1.4351	1.3196	1.5629	1.6657
Pa-230	2.8158	2.3635	2.7474	2.9289	2.7595	2.5779	3.0063	3.1320
Pa-231	1.1959	0.9874	1.1518	1.2589	0.9443	0.7752	1.0747	1.2473
Pa-232	2.4625	2.0316	2.3998	2.5619	2.5103	2.3713	2.7336	2.8032
Pa-233	2.1646	1.8407	2.1155	2.2508	2.0763	1.9294	2.2616	2.3788
Pa-234	4.8464	4.0528	4.7321	5.0358	4.8929	4.6245	5.3131	5.4643
Pa-234m	0.0388	0.0320	0.0378	0.0403	0.0396	0.0374	0.0430	0.0441
Pa-235	0.1419	0.0976	0.1318	0.1558	0.0887	0.0546	0.1134	0.1513
Pa-236	1.7153	1.4038	1.6691	1.7849	1.7629	1.6649	1.9226	1.9686
Pa-237	1.1481	0.9175	1.1172	1.1976	1.2493	1.2056	1.3601	1.3591
Pb-194	3.8343	3.1881	3.7444	3.9923	3.9080	3.7177	4.2379	4.3438
Pb-195m	5.3466	4.3917	5.2129	5.5775	5.4737	5.1955	5.9641	6.1132
Pb-196	3.5093	2.9497	3.4324	3.6537	3.5110	3.3291	3.8047	3.9288
Pb-197	3.5322	2.9048	3.4458	3.6770	3.6872	3.5284	3.9986	4.0566
Pb-197m	4.7072	3.8960	4.5946	4.9068	4.7945	4.5532	5.2140	5.3516
Pb-198	3.4033	2.8610	3.3283	3.5441	3.3973	3.2176	3.6840	3.8094
Pb-199	3.0332	2.5100	2.9603	3.1586	3.1125	2.9642	3.3773	3.4515
Pb-200	3.1326	2.6426	3.0594	3.2671	3.0132	2.8104	3.2792	3.4499
Pb-201	3.4893	2.9105	3.4115	3.6320	3.5717	3.4092	3.8705	3.9573
Pb-201m	1.2890	1.0642	1.2582	1.3430	1.3259	1.2631	1.4411	1.4755
Pb-202	0.3948	0.2804	0.3686	0.4308	0.2524	0.1616	0.3182	0.4174
Pb-202m	4.0513	3.2880	3.9552	4.2135	4.4518	4.3307	4.8187	4.7838
Pb-203	2.9004	2.4450	2.8382	3.0196	2.8920	2.7405	3.1341	3.2405
Pb-204m	3.6844	2.9821	3.5989	3.8276	4.1373	4.0548	4.4672	4.3892
Pb-205	0.3996	0.2838	0.3731	0.4360	0.2555	0.1636	0.3221	0.4224
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	0.4610	0.3596	0.4382	0.4929	0.3271	0.2422	0.3900	0.4788
Pb-211	0.1530	0.1255	0.1497	0.1590	0.1679	0.1638	0.1813	0.1798
Pb-212	1.3954	1.1884	1.3694	1.4489	1.4184	1.3587	1.5290	1.5642
Pb-214	1.4642	1.2291	1.4342	1.5224	1.5122	1.4507	1.6362	1.6649
Pd-100	2.7597	2.5386	2.7369	2.8173	2.7392	2.6588	2.8554	2.9164
Pd-101	1.8779	1.7046	1.8543	1.9202	1.8316	1.7472	1.9253	1.9906
Pd-103	0.6541	0.6235	0.6482	0.6636	0.5830	0.5426	0.6031	0.6470
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.1185	0.9851	1.1047	1.1513	1.1760	1.1506	1.2452	1.2507

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pd-109	0.3732	0.3474	0.3687	0.3810	0.3405	0.3182	0.3554	0.3788
Pd-111	0.0906	0.0750	0.0888	0.0938	0.1008	0.0990	0.1081	0.1065
Pd-112	0.2864	0.2650	0.2819	0.2926	0.2423	0.2164	0.2569	0.2848
Pd-114	0.1947	0.1684	0.1922	0.2009	0.2113	0.2085	0.2247	0.2226
Pd-96	3.0295	2.5815	2.9770	3.1257	3.2679	3.1957	3.4857	3.4653
Pd-97	2.5826	2.1311	2.5267	2.6733	2.8671	2.8053	3.0795	3.0350
Pd-98	2.5106	2.2382	2.4800	2.5758	2.5816	2.5117	2.7219	2.7508
Pd-99	2.5053	2.1593	2.4659	2.5821	2.6846	2.6262	2.8553	2.8460
Pm-136	3.8243	3.1315	3.7443	3.9676	4.2932	4.2230	4.6229	4.5423
Pm-137m	4.4286	3.7858	4.3565	4.5747	4.7640	4.6683	5.0788	5.0591
Pm-139	0.7492	0.6421	0.7358	0.7733	0.7880	0.7656	0.8395	0.8440
Pm-140m	4.0874	3.3268	3.9946	4.2406	4.5837	4.4961	4.9369	4.8503
Pm-140	0.2920	0.2449	0.2859	0.3019	0.3139	0.3053	0.3360	0.3350
Pm-141	0.6407	0.5586	0.6290	0.6596	0.6480	0.6222	0.6870	0.7009
Pm-142	0.2487	0.2199	0.2443	0.2556	0.2454	0.2344	0.2592	0.2670
Pm-143	1.3101	1.1419	1.2871	1.3496	1.3270	1.2768	1.4083	1.4365
Pm-144	3.8444	3.2027	3.7668	3.9807	4.1903	4.0946	4.4964	4.4728
Pm-145	0.8795	0.7956	0.8661	0.9030	0.8270	0.7814	0.8693	0.9143
Pm-146	2.0752	1.7444	2.0352	2.1469	2.2382	2.1848	2.3963	2.3878
Pm-147	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Pm-148	0.7003	0.5582	0.6822	0.7274	0.8013	0.7861	0.8662	0.8456
Pm-148m	4.1149	3.3574	4.0270	4.2708	4.6281	4.5506	4.9869	4.9057
Pm-149	0.0535	0.0449	0.0525	0.0555	0.0577	0.0562	0.0621	0.0620
Pm-150	2.2716	1.8427	2.2196	2.3573	2.5706	2.5252	2.7721	2.7140
Pm-151	1.6957	1.4524	1.6687	1.7527	1.8105	1.7711	1.9315	1.9307
Pm-152m	3.8955	3.2655	3.8228	4.0324	4.2669	4.1824	4.5709	4.5243
Pm-152	0.7061	0.5935	0.6924	0.7305	0.7649	0.7472	0.8186	0.8137
Pm-153	1.0487	0.9196	1.0328	1.0819	1.0668	1.0313	1.1326	1.1540
Pm-154	2.0584	1.6642	2.0042	2.1361	2.2755	2.2100	2.4544	2.4285
Pm-154m	3.6319	3.0220	3.5569	3.7621	3.9664	3.8738	4.2561	4.2224
Po-203	3.9637	3.2703	3.8671	4.1251	4.1061	3.9179	4.4564	4.5310
Po-204	5.7515	4.7696	5.6040	6.0044	5.6387	5.2672	6.1612	6.4311
Po-205	3.7788	3.1100	3.6859	3.9327	3.9323	3.7576	4.2671	4.3298
Po-206	4.6291	3.8186	4.5097	4.8312	4.6145	4.3320	5.0428	5.2239
Po-207	3.4311	2.8310	3.3488	3.5702	3.5692	3.4136	3.8700	3.9280
Po-208	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-209	0.0457	0.0352	0.0437	0.0486	0.0390	0.0330	0.0446	0.0505
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-211	0.0140	0.0113	0.0136	0.0145	0.0158	0.0155	0.0171	0.0167
Po-212m	0.0522	0.0411	0.0506	0.0542	0.0602	0.0587	0.0651	0.0636

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Po-212	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-214	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002
Po-215	0.0005	0.0004	0.0005	0.0005	0.0006	0.0006	0.0006	0.0006
Po-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-134	5.2961	4.3704	5.1890	5.4897	5.9057	5.8038	6.3470	6.2535
Pr-134m	2.3515	1.9264	2.2995	2.4374	2.6305	2.5801	2.8284	2.7837
Pr-135	1.8630	1.6305	1.8348	1.9177	1.9327	1.8800	2.0474	2.0658
Pr-136	2.6317	2.1639	2.5737	2.7266	2.9198	2.8582	3.1377	3.0976
Pr-137	0.7510	0.6756	0.7396	0.7700	0.7328	0.7006	0.7700	0.7961
Pr-138	0.2548	0.2281	0.2507	0.2613	0.2500	0.2391	0.2631	0.2714
Pr-138m	4.5338	3.7508	4.4376	4.6956	4.9981	4.8912	5.3676	5.3012
Pr-139	0.7624	0.6990	0.7519	0.7798	0.7203	0.6839	0.7523	0.7879
Pr-140	0.4063	0.3726	0.4007	0.4155	0.3837	0.3643	0.4006	0.4197
Pr-142	0.0420	0.0326	0.0407	0.0437	0.0489	0.0477	0.0531	0.0515
Pr-142m	0.0191	0.0131	0.0177	0.0210	0.0119	0.0073	0.0152	0.0204
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0274	0.0216	0.0266	0.0284	0.0314	0.0308	0.0340	0.0332
Pr-144m	0.3957	0.3449	0.3860	0.4106	0.3496	0.3162	0.3764	0.4116
Pr-145	0.0393	0.0327	0.0385	0.0406	0.0428	0.0418	0.0458	0.0455
Pr-146	1.2999	1.0450	1.2682	1.3495	1.4799	1.4531	1.5972	1.5615
Pr-147	2.2944	1.9989	2.2577	2.3643	2.3662	2.2945	2.5102	2.5400
Pr-148	1.7293	1.4158	1.6924	1.7934	1.9458	1.9126	2.0952	2.0553
Pr-148m	2.5965	2.1547	2.5483	2.6915	2.8962	2.8528	3.1121	3.0625
Pt-184	6.5437	5.4409	6.3773	6.8392	6.3461	5.9165	6.9234	7.2788
Pt-186	3.2623	2.6917	3.1787	3.4068	3.2465	3.0532	3.5382	3.6769
Pt-187	4.0374	3.3536	3.9339	4.2188	3.9212	3.6570	4.2773	4.4906
Pt-188	2.8648	2.3814	2.7888	2.9982	2.7158	2.5060	2.9719	3.1590
Pt-189	3.7508	3.1039	3.6498	3.9245	3.5898	3.3220	3.9282	4.1564
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	3.3562	2.7927	3.2678	3.5104	3.1834	2.9408	3.4797	3.6944
Pt-193	0.4198	0.2956	0.3913	0.4587	0.2668	0.1691	0.3375	0.4447
Pt-193m	0.6884	0.5202	0.6527	0.7398	0.5144	0.3954	0.6086	0.7361
Pt-195m	2.4051	1.9325	2.3157	2.5447	2.0432	1.7579	2.3037	2.5950
Pt-197	0.6820	0.5477	0.6568	0.7216	0.5815	0.5009	0.6565	0.7380
Pt-197m	1.6083	1.2847	1.5473	1.7031	1.3688	1.1752	1.5483	1.7428
Pt-199	0.6964	0.5743	0.6809	0.7248	0.7392	0.7134	0.8002	0.8068
Pt-200	1.1515	0.9462	1.1163	1.2101	1.0429	0.9367	1.1550	1.2566
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pu-232	1.2884	1.1182	1.2632	1.3350	1.2353	1.1567	1.3334	1.3986
Pu-234	1.4674	1.2709	1.4373	1.5217	1.3907	1.2939	1.5049	1.5879
Pu-235	1.9623	1.6965	1.9202	2.0364	1.8359	1.6961	1.9917	2.1149
Pu-236	0.1805	0.1527	0.1742	0.1891	0.1362	0.1092	0.1548	0.1830
Pu-237	1.3745	1.1811	1.3412	1.4298	1.2405	1.1224	1.3562	1.4670
Pu-238	0.1666	0.1409	0.1608	0.1746	0.1256	0.1005	0.1428	0.1689
Pu-239	0.0987	0.0790	0.0942	0.1048	0.0709	0.0536	0.0831	0.1016
Pu-240	0.1567	0.1326	0.1512	0.1642	0.1182	0.0946	0.1343	0.1589
Pu-241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pu-242	0.1344	0.1137	0.1297	0.1408	0.1014	0.0812	0.1152	0.1363
Pu-243	0.5396	0.4716	0.5299	0.5582	0.5175	0.4871	0.5552	0.5816
Pu-244	0.1373	0.1153	0.1328	0.1435	0.1132	0.0960	0.1269	0.1438
Pu-245	1.5481	1.3055	1.5182	1.6043	1.6357	1.5831	1.7602	1.7713
Pu-246	2.1581	1.8838	2.1199	2.2311	2.1077	1.9942	2.2602	2.3490
Ra-219	1.0372	0.8777	1.0179	1.0761	1.0841	1.0474	1.1683	1.1807
Ra-220	0.0127	0.0105	0.0124	0.0132	0.0141	0.0139	0.0152	0.0150
Ra-221	0.7958	0.6663	0.7732	0.8329	0.7148	0.6398	0.7911	0.8608
Ra-222	0.0416	0.0349	0.0409	0.0431	0.0454	0.0445	0.0488	0.0484
Ra-223	1.7029	1.4444	1.6658	1.7723	1.6628	1.5624	1.8047	1.8832
Ra-224	0.0706	0.0601	0.0695	0.0732	0.0752	0.0732	0.0807	0.0809
Ra-225	0.5117	0.4558	0.5015	0.5281	0.4511	0.4090	0.4847	0.5265
Ra-226	1.2531	0.9968	1.2206	1.3016	1.4313	1.4014	1.5407	1.5011
Ra-227	1.5600	1.3093	1.5153	1.6303	1.3925	1.2406	1.5403	1.6807
Ra-228	1.2724	1.0165	1.2409	1.3229	1.4503	1.4187	1.5525	1.5255
Ra-230	0.8437	0.7176	0.8254	0.8773	0.8202	0.7691	0.8896	0.9297
Rb-77	2.0039	1.7128	1.9711	2.0702	2.1420	2.0939	2.2881	2.2809
Rb-78m	3.0609	2.4692	2.9870	3.1770	3.4674	3.4009	3.7417	3.6671
Rb-78	2.2674	1.8004	2.2016	2.3535	2.5719	2.5038	2.7838	2.7311
Rb-79	2.4819	2.0927	2.4330	2.5747	2.6008	2.5063	2.8087	2.8363
Rb-80	0.3656	0.2965	0.3574	0.3799	0.4094	0.4009	0.4427	0.4375
Rb-81	1.0464	0.8678	1.0161	1.0938	0.9665	0.8703	1.0764	1.1491
Rb-81m	0.6188	0.5407	0.6020	0.6434	0.4937	0.4147	0.5566	0.6283
Rb-82	0.2296	0.1849	0.2235	0.2390	0.2483	0.2391	0.2707	0.2701
Rb-82m	4.5887	3.7022	4.4702	4.7747	4.9940	4.8207	5.4333	5.4140
Rb-83	1.8304	1.5073	1.7790	1.9121	1.7616	1.6179	1.9495	2.0469
Rb-84	1.3517	1.0961	1.3109	1.4117	1.3389	1.2387	1.4807	1.5335
Rb-84m	1.9512	1.6560	1.9181	2.0211	2.0757	2.0177	2.2332	2.2365
Rb-86m	1.2007	0.9803	1.1756	1.2464	1.3501	1.3280	1.4552	1.4315
Rb-86	0.1063	0.0838	0.1033	0.1105	0.1224	0.1199	0.1325	0.1290
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Rb-88	0.4640	0.3613	0.4495	0.4820	0.5387	0.5263	0.5836	0.5673
Rb-89	2.0158	1.5822	1.9572	2.0948	2.3283	2.2783	2.5210	2.4536
Rb-90	1.0581	0.8250	1.0241	1.0980	1.2279	1.1986	1.3294	1.2918
Rb-90m	2.4662	1.9375	2.3933	2.5614	2.8428	2.7800	3.0788	2.9968
Re-178	3.3131	2.7237	3.2264	3.4565	3.3574	3.1734	3.6508	3.7605
Re-179	4.0519	3.3574	3.9565	4.2215	4.1528	3.9586	4.5007	4.6062
Re-180	3.4497	2.8161	3.3549	3.6047	3.4659	3.2606	3.7804	3.9098
Re-181	4.0596	3.3591	3.9584	4.2374	4.0538	3.8225	4.4093	4.5707
Re-182	7.9921	6.6587	7.8054	8.3258	8.0927	7.6875	8.7657	9.0158
Re-182m	4.0420	3.3464	3.9392	4.2142	4.0456	3.8167	4.3911	4.5400
Re-183	3.2190	2.6662	3.1268	3.3757	2.9597	2.6902	3.2516	3.5093
Re-184	3.0965	2.5407	3.0148	3.2330	3.1159	2.9393	3.3927	3.5030
Re-184m	2.9887	2.4506	2.9026	3.1342	2.8405	2.6115	3.1208	3.3196
Re-186	0.3652	0.3061	0.3561	0.3814	0.3507	0.3264	0.3819	0.4029
Re-186m	1.3583	1.0042	1.2813	1.4673	0.9724	0.7150	1.1686	1.4489
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	0.4173	0.3507	0.4085	0.4343	0.4276	0.4090	0.4618	0.4730
Re-188m	2.0370	1.6522	1.9672	2.1491	1.7837	1.5691	1.9898	2.2067
Re-189	0.4852	0.4025	0.4734	0.5069	0.4830	0.4547	0.5263	0.5473
Re-190	3.9888	3.3081	3.9107	4.1394	4.3834	4.2941	4.7160	4.6780
Re-190m	3.5351	2.9216	3.4552	3.6812	3.7086	3.5657	4.0151	4.0718
Rh-100m	1.0498	0.9844	1.0391	1.0682	0.9679	0.9114	1.0061	1.0635
Rh-100	3.4349	2.8328	3.3545	3.5520	3.7624	3.6547	4.0436	4.0102
Rh-101	3.1353	2.7737	3.0970	3.2238	3.2589	3.1766	3.4497	3.4772
Rh-101m	1.8555	1.6322	1.8294	1.9083	1.9028	1.8386	2.0222	2.0516
Rh-102	1.1707	1.0125	1.1510	1.2055	1.2142	1.1722	1.2938	1.3087
Rh-102m	4.5106	3.7434	4.4175	4.6685	4.9422	4.8246	5.3095	5.2670
Rh-103m	0.0986	0.0864	0.0959	0.1024	0.0803	0.0691	0.0874	0.0998
Rh-104	0.0288	0.0239	0.0282	0.0298	0.0317	0.0311	0.0341	0.0338
Rh-104m	1.2415	1.1592	1.2324	1.2637	1.1978	1.1547	1.2420	1.2790
Rh-105	0.3376	0.2841	0.3321	0.3496	0.3736	0.3684	0.4007	0.3950
Rh-106	0.4149	0.3378	0.4060	0.4306	0.4686	0.4613	0.5049	0.4956
Rh-106m	4.5621	3.6837	4.4566	4.7368	5.1800	5.0930	5.5887	5.4688
Rh-107	1.3005	1.0937	1.2793	1.3468	1.4401	1.4202	1.5441	1.5221
Rh-108	0.7879	0.6480	0.7725	0.8174	0.8846	0.8717	0.9515	0.9357
Rh-109	1.4631	1.2471	1.4409	1.5123	1.5978	1.5730	1.7069	1.6901
Rh-94	2.8555	2.2652	2.7779	2.9656	3.2766	3.2101	3.5442	3.4537
Rh-95	2.0147	1.6207	1.9620	2.0889	2.2670	2.2110	2.4463	2.4017
Rh-95m	1.2256	1.0042	1.1989	1.2702	1.3701	1.3439	1.4742	1.4518
Rh-96	4.7943	3.8698	4.6799	4.9760	5.4155	5.3098	5.8473	5.7400

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Rh-96m	1.2424	1.0285	1.2133	1.2842	1.3498	1.3088	1.4495	1.4401
Rh-97	1.7832	1.4908	1.7479	1.8442	1.9431	1.8965	2.0838	2.0691
Rh-97m	2.9028	2.4341	2.8415	2.9974	3.1472	3.0595	3.3697	3.3529
Rh-98	1.4316	1.1612	1.3986	1.4854	1.6115	1.5798	1.7389	1.7128
Rh-99	2.6427	2.3270	2.6052	2.7158	2.7088	2.6195	2.8724	2.9136
Rh-99m	2.0793	1.7973	2.0452	2.1421	2.1727	2.1040	2.3171	2.3360
Rn-207	3.0132	2.5130	2.9493	3.1306	3.1613	3.0454	3.4170	3.4540
Rn-209	3.3361	2.7743	3.2625	3.4668	3.4943	3.3598	3.7792	3.8232
Rn-210	0.2497	0.2077	0.2438	0.2600	0.2523	0.2390	0.2744	0.2823
Rn-211	4.0998	3.3602	4.0004	4.2645	4.3521	4.1841	4.7195	4.7534
Rn-212	0.0006	0.0005	0.0006	0.0006	0.0007	0.0007	0.0007	0.0007
Rn-215	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0016	0.0013	0.0015	0.0016	0.0017	0.0017	0.0019	0.0019
Rn-219	0.2772	0.2334	0.2724	0.2874	0.2992	0.2924	0.3214	0.3206
Rn-220	1.3410	1.0934	1.3092	1.3869	1.5068	1.4937	1.6089	1.5807
Rn-222	0.0009	0.0008	0.0009	0.0010	0.0011	0.0010	0.0011	0.0011
Rn-223	1.7165	1.4133	1.6675	1.7957	1.6341	1.4982	1.8005	1.9105
Ru-103	1.1984	0.9846	1.1746	1.2431	1.3453	1.3257	1.4467	1.4205
Ru-105	1.7717	1.4682	1.7369	1.8354	1.9656	1.9301	2.1118	2.0834
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	0.7284	0.6013	0.7138	0.7549	0.8153	0.8022	0.8758	0.8607
Ru-108	0.6845	0.5997	0.6761	0.7054	0.7283	0.7153	0.7720	0.7719
Ru-92	6.2951	5.4800	6.2046	6.4818	6.6222	6.4500	7.0398	7.0661
Ru-94	1.9721	1.7069	1.9393	2.0314	2.0355	1.9607	2.1732	2.2034
Ru-95	2.6067	2.2026	2.5566	2.6923	2.7853	2.7015	2.9863	2.9884
Ru-97	2.1637	1.9100	2.1350	2.2252	2.2124	2.1378	2.3498	2.3890
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	0.9798	0.7413	0.9399	1.0152	1.1582	1.1223	1.2562	1.2164
S-38	0.9602	0.7371	0.9266	0.9971	1.1245	1.0949	1.2191	1.1840
Sb-111	2.1744	1.8524	2.1392	2.2464	2.3737	2.3342	2.5306	2.5075
Sb-113	1.5770	1.3271	1.5481	1.6307	1.7225	1.6882	1.8423	1.8254
Sb-114	1.9744	1.5749	1.9208	2.0489	2.2466	2.1953	2.4274	2.3717
Sb-115	1.6478	1.4052	1.6190	1.7009	1.7677	1.7260	1.8844	1.8795
Sb-116	1.8115	1.4658	1.7636	1.8761	2.0270	1.9732	2.1828	2.1454
Sb-116m	5.3433	4.4517	5.2320	5.5257	5.8766	5.7470	6.2934	6.2196
Sb-117	2.0454	1.8301	2.0216	2.1005	2.1105	2.0573	2.2218	2.2475
Sb-118	0.2151	0.1962	0.2121	0.2198	0.2093	0.1996	0.2188	0.2264
Sb-118m	5.1732	4.3732	5.0735	5.3387	5.6113	5.4768	5.9871	5.9405

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Sb-119	0.7939	0.7430	0.7836	0.8105	0.7151	0.6650	0.7441	0.7987
Sb-120	0.3890	0.3658	0.3849	0.3960	0.3628	0.3432	0.3754	0.3953
Sb-120m	5.7376	4.8580	5.6334	5.9248	6.2593	6.1366	6.6749	6.6085
Sb-122m	1.6459	1.4989	1.6278	1.6858	1.6193	1.5630	1.6938	1.7398
Sb-122	0.9408	0.7682	0.9210	0.9763	1.0591	1.0421	1.1409	1.1220
Sb-124	2.2466	1.7944	2.1893	2.3333	2.5679	2.5192	2.7758	2.7168
Sb-124m	0.9665	0.7801	0.9433	1.0065	1.0652	1.0364	1.1549	1.1498
Sb-124n	0.0665	0.0457	0.0618	0.0731	0.0415	0.0255	0.0531	0.0710
Sb-125	1.5718	1.3546	1.5459	1.6202	1.6706	1.6303	1.7766	1.7800
Sb-126	5.2967	4.2993	5.1807	5.4994	5.9930	5.8979	6.4651	6.3452
Sb-126m	3.1889	2.5960	3.1205	3.3109	3.5962	3.5381	3.8782	3.8126
Sb-127	1.5122	1.2406	1.4812	1.5684	1.6969	1.6700	1.8262	1.7951
Sb-128	5.8968	4.7912	5.7678	6.1215	6.6681	6.5623	7.1930	7.0521
Sb-128m	3.8525	3.1414	3.7702	3.9985	4.3456	4.2777	4.6862	4.5934
Sb-129	2.0122	1.6118	1.9624	2.0899	2.2954	2.2548	2.4796	2.4217
Sb-130m	4.4114	3.5707	4.3096	4.5788	4.9977	4.9136	5.3892	5.2717
Sb-130	6.4250	5.2631	6.2895	6.6638	7.2270	7.1117	7.7787	7.6280
Sb-131	2.5068	2.0000	2.4422	2.6036	2.8663	2.8116	3.0972	3.0253
Sb-133	2.5858	2.0391	2.5127	2.6863	2.9788	2.9168	3.2238	3.1391
Sc-42m	3.5597	2.8315	3.4655	3.6972	4.0801	3.9996	4.4114	4.3005
Sc-43	0.3005	0.2484	0.2945	0.3124	0.3279	0.3202	0.3539	0.3524
Sc-44	1.2274	0.9630	1.1922	1.2764	1.4135	1.3825	1.5320	1.4916
Sc-44m	1.2544	1.0569	1.2342	1.2996	1.3790	1.3570	1.4787	1.4622
Sc-46	2.4482	1.9368	2.3827	2.5449	2.8136	2.7601	3.0445	2.9647
Sc-47	1.0663	0.9242	1.0528	1.1006	1.1614	1.1479	1.2334	1.2232
Sc-48	3.7794	2.9837	3.6756	3.9282	4.3498	4.2624	4.7063	4.5822
Sc-49	0.0007	0.0005	0.0006	0.0007	0.0008	0.0008	0.0008	0.0008
Sc-50	3.4493	2.7326	3.3558	3.5835	3.9630	3.8836	4.2865	4.1765
Se-70	2.7141	2.1467	2.6086	2.8761	2.3515	2.0295	2.6625	2.9759
Se-71	1.4762	1.2256	1.4460	1.5308	1.6214	1.5860	1.7424	1.7263
Se-72	1.7860	1.4059	1.7061	1.9024	1.3783	1.1041	1.5927	1.8837
Se-73	2.5912	2.1628	2.5329	2.6994	2.6250	2.4971	2.8459	2.9263
Se-73m	0.3988	0.3153	0.3834	0.4224	0.3486	0.3018	0.3952	0.4394
Se-75	3.4955	2.8671	3.3999	3.6636	3.4063	3.1612	3.7428	3.9378
Se-77m	1.1879	0.9866	1.1566	1.2433	1.1419	1.0557	1.2536	1.3257
Se-79m	0.7638	0.5895	0.7259	0.8180	0.5620	0.4277	0.6673	0.8071
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0253	0.0210	0.0248	0.0262	0.0281	0.0277	0.0302	0.0297
Se-81m	0.8200	0.6387	0.7815	0.8759	0.6230	0.4882	0.7320	0.8710
Se-83m	1.2230	0.9768	1.1918	1.2703	1.3977	1.3712	1.5098	1.4752

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Se-83	4.1818	3.4000	4.0883	4.3392	4.7289	4.6491	5.0958	4.9923
Se-84	1.2542	1.0396	1.2312	1.3005	1.4015	1.3823	1.5051	1.4816
Si-31	0.0008	0.0006	0.0008	0.0009	0.0010	0.0009	0.0010	0.0010
Si-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-139	2.1649	1.8178	2.1250	2.2411	2.3592	2.3102	2.5284	2.5095
Sm-140	1.5643	1.3594	1.5379	1.6129	1.6056	1.5518	1.7054	1.7300
Sm-141	1.8696	1.5616	1.8319	1.9351	2.0339	1.9862	2.1794	2.1652
Sm-141m	3.9976	3.3568	3.9211	4.1362	4.3494	4.2552	4.6553	4.6224
Sm-142	0.8208	0.7423	0.8088	0.8425	0.7772	0.7369	0.8163	0.8551
Sm-143	0.5313	0.4752	0.5229	0.5459	0.5126	0.4876	0.5400	0.5613
Sm-143m	1.1856	0.9599	1.1581	1.2309	1.3336	1.3091	1.4396	1.4129
Sm-145	1.7093	1.5474	1.6857	1.7539	1.6307	1.5524	1.7110	1.7849
Sm-146	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0019	0.0014	0.0018	0.0020	0.0012	0.0008	0.0015	0.0020
Sm-153	1.2701	1.1306	1.2532	1.3070	1.2704	1.2280	1.3404	1.3704
Sm-155	1.4188	1.2517	1.4026	1.4604	1.5030	1.4810	1.5876	1.5839
Sm-156	1.3342	1.1430	1.3101	1.3839	1.3596	1.3071	1.4579	1.4914
Sm-157	2.0455	1.7525	2.0144	2.1137	2.2101	2.1717	2.3553	2.3423
Sn-106	3.1175	2.6671	3.0656	3.2165	3.3539	3.2805	3.5736	3.5579
Sn-108	3.1057	2.6908	3.0598	3.2013	3.3061	3.2337	3.5135	3.5139
Sn-109	2.6494	2.1889	2.5868	2.7387	2.9118	2.8323	3.1226	3.0895
Sn-110	1.9538	1.7184	1.9278	2.0103	2.0401	1.9878	2.1617	2.1756
Sn-111	0.5973	0.5426	0.5888	0.6104	0.5848	0.5578	0.6122	0.6320
Sn-113	0.6442	0.6108	0.6382	0.6547	0.5946	0.5616	0.6139	0.6488
Sn-113m	0.4482	0.4206	0.4428	0.4571	0.4070	0.3804	0.4226	0.4515
Sn-117m	1.9598	1.7435	1.9360	2.0150	2.0318	1.9816	2.1435	2.1658
Sn-119m	0.5485	0.5039	0.5392	0.5629	0.4826	0.4408	0.5080	0.5538
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.1879	0.1683	0.1838	0.1939	0.1635	0.1474	0.1742	0.1917
Sn-123	0.0078	0.0062	0.0076	0.0081	0.0090	0.0088	0.0098	0.0095
Sn-123m	1.4329	1.2493	1.4150	1.4777	1.5455	1.5239	1.6388	1.6308
Sn-125m	1.3456	1.1286	1.3230	1.3938	1.4922	1.4714	1.6012	1.5777
Sn-125	0.4041	0.3209	0.3934	0.4199	0.4633	0.4545	0.5010	0.4884
Sn-126	1.1545	1.0307	1.1393	1.1877	1.1516	1.1116	1.2151	1.2457
Sn-127m	1.1874	0.9713	1.1628	1.2320	1.3374	1.3172	1.4392	1.4112
Sn-127	2.5984	2.0959	2.5357	2.6965	2.9492	2.8946	3.1799	3.1104
Sn-128	3.0796	2.7324	3.0382	3.1611	3.1765	3.0908	3.3470	3.3806
Sn-129	1.5829	1.2741	1.5456	1.6441	1.8003	1.7690	1.9448	1.9075

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Sn-130	3.5234	3.0198	3.4688	3.6361	3.8168	3.7524	4.0630	4.0316
Sn-130m	2.0787	1.7648	2.0413	2.1452	2.2594	2.2143	2.4084	2.3872
Sr-79	1.5402	1.3522	1.5171	1.5876	1.5573	1.4966	1.6650	1.6947
Sr-80	1.5052	1.2754	1.4702	1.5633	1.4553	1.3493	1.5962	1.6654
Sr-81	2.1499	1.8289	2.1145	2.2241	2.3228	2.2739	2.4872	2.4757
Sr-82	0.6740	0.5899	0.6541	0.7017	0.5055	0.4061	0.5786	0.6710
Sr-83	1.8638	1.5711	1.8156	1.9374	1.7583	1.6054	1.9414	2.0436
Sr-85	1.8391	1.5452	1.7956	1.9107	1.8114	1.6911	1.9846	2.0529
Sr-85m	1.5731	1.3440	1.5483	1.6287	1.6759	1.6344	1.7972	1.7997
Sr-87m	1.1427	0.9569	1.1213	1.1845	1.2327	1.2005	1.3280	1.3255
Sr-89	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Sr-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sr-91	1.0067	0.8039	0.9816	1.0461	1.1504	1.1298	1.2434	1.2148
Sr-92	1.2169	0.9538	1.1812	1.2646	1.4068	1.3760	1.5247	1.4815
Sr-93	3.3452	2.7108	3.2664	3.4713	3.7633	3.6857	4.0617	3.9917
Sr-94	1.2093	0.9433	1.1726	1.2569	1.4022	1.3706	1.5208	1.4766
Ta-170	1.7494	1.4509	1.7052	1.8263	1.7307	1.6264	1.8825	1.9588
Ta-172	3.7739	3.1117	3.6814	3.9310	3.8988	3.7200	4.2251	4.3075
Ta-173	3.1221	2.6036	3.0415	3.2608	2.9956	2.7835	3.2613	3.4397
Ta-174	3.1301	2.6098	3.0552	3.2630	3.1267	2.9545	3.3905	3.5100
Ta-175	4.0479	3.3868	3.9557	4.2103	4.1089	3.9132	4.4374	4.5498
Ta-176	3.7833	3.0700	3.6770	3.9452	3.9134	3.7120	4.2560	4.3424
Ta-177	1.5026	1.2729	1.4664	1.5671	1.4066	1.3014	1.5260	1.6234
Ta-178	1.5665	1.3176	1.5263	1.6363	1.4558	1.3387	1.5850	1.6941
Ta-178m	7.7308	6.5366	7.5832	8.0277	8.0167	7.7345	8.6223	8.7520
Ta-179	0.8149	0.6674	0.7881	0.8580	0.7106	0.6265	0.7890	0.8743
Ta-180	1.2873	1.0851	1.2544	1.3449	1.1869	1.0885	1.2925	1.3865
Ta-182	3.3186	2.7372	3.2380	3.4541	3.4539	3.3053	3.7373	3.7953
Ta-182m	3.9647	3.2940	3.8605	4.1495	3.7930	3.5129	4.1456	4.3925
Ta-183	3.6211	3.0075	3.5267	3.7886	3.4719	3.2197	3.7937	4.0117
Ta-184	5.2544	4.3229	5.1338	5.4727	5.5565	5.3509	6.0191	6.0800
Ta-185	2.0630	1.7057	2.0069	2.1614	1.9674	1.8163	2.1554	2.2895
Ta-186	4.9295	4.1055	4.8326	5.1176	5.3379	5.2071	5.7449	5.7324
Tb-146	2.6128	2.0719	2.5376	2.7126	2.9677	2.8918	3.2091	3.1399
Tb-147m	1.8645	1.5234	1.8158	1.9323	2.0204	1.9518	2.1756	2.1651
Tb-147	3.4185	2.8296	3.3431	3.5415	3.7246	3.6277	4.0000	3.9715
Tb-148m	5.8643	4.8112	5.7379	6.0836	6.5020	6.3698	7.0001	6.9115
Tb-148	2.5307	2.0581	2.4694	2.6254	2.8048	2.7367	3.0233	2.9840
Tb-149m	2.6428	2.1961	2.5867	2.7389	2.8505	2.7745	3.0630	3.0526
Tb-149	3.1681	2.6595	3.1053	3.2802	3.4025	3.3131	3.6464	3.6407

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Tb-150m	5.9856	4.9543	5.8646	6.2063	6.5805	6.4436	7.0746	7.0146
Tb-150	2.9747	2.4391	2.9035	3.0835	3.2524	3.1613	3.5006	3.4793
Tb-151	4.2849	3.6566	4.2105	4.4322	4.5151	4.3906	4.8241	4.8496
Tb-151m	0.9859	0.7764	0.9450	1.0471	0.8200	0.6915	0.9322	1.0645
Tb-152m	3.8798	3.3018	3.8095	4.0191	4.0446	3.9144	4.3330	4.3796
Tb-152	2.8089	2.3511	2.7514	2.9088	3.0168	2.9339	3.2361	3.2310
Tb-153	2.7661	2.3954	2.7186	2.8606	2.7951	2.6871	2.9813	3.0494
Tb-154	3.2784	2.7234	3.2019	3.3947	3.5066	3.3912	3.7639	3.7661
Tb-155	2.7728	2.4326	2.7304	2.8624	2.7792	2.6764	2.9511	3.0231
Tb-156	4.9430	4.1412	4.8416	5.1216	5.2705	5.1152	5.6549	5.6649
Tb-156m	0.8693	0.7902	0.8623	0.8899	0.8785	0.8615	0.9165	0.9226
Tb-156n	0.2801	0.2099	0.2650	0.3016	0.2056	0.1555	0.2440	0.2986
Tb-157	0.2948	0.2285	0.2808	0.3150	0.2257	0.1790	0.2617	0.3124
Tb-158	2.5323	2.1294	2.4769	2.6269	2.6026	2.4937	2.7968	2.8469
Tb-160	2.2883	1.8737	2.2354	2.3773	2.4936	2.4239	2.6905	2.6757
Tb-161	1.0681	0.9213	1.0430	1.1108	0.9691	0.8869	1.0463	1.1286
Tb-162	3.0193	2.5031	2.9588	3.1329	3.3010	3.2270	3.5516	3.5234
Tb-163	2.5072	2.0841	2.4604	2.6003	2.7654	2.7159	2.9719	2.9399
Tb-164	4.9349	4.0507	4.8261	5.1233	5.4301	5.3013	5.8528	5.8026
Tb-165	1.1023	0.8755	1.0702	1.1493	1.2038	1.1584	1.3101	1.3070
Tc-101	1.4320	1.2056	1.4087	1.4827	1.5844	1.5625	1.6986	1.6746
Tc-102m	3.0410	2.4379	2.9652	3.1574	3.4683	3.4039	3.7446	3.6625
Tc-102	0.1422	0.1155	0.1390	0.1476	0.1608	0.1582	0.1732	0.1698
Tc-104	2.9737	2.4119	2.9046	3.0848	3.3690	3.3089	3.6309	3.5560
Tc-105	2.4747	2.1015	2.4336	2.5570	2.6994	2.6512	2.8827	2.8567
Tc-91	1.0747	0.8449	1.0416	1.1150	1.2325	1.1999	1.3342	1.3024
Tc-91m	0.8143	0.6649	0.7966	0.8446	0.9135	0.8969	0.9837	0.9663
Tc-92	5.1604	4.2696	5.0543	5.3434	5.7467	5.6403	6.1725	6.0727
Tc-93	1.7901	1.4897	1.7458	1.8474	1.8886	1.8036	2.0341	2.0469
Tc-93m	1.3121	1.0984	1.2842	1.3555	1.4136	1.3701	1.5170	1.5152
Tc-94	4.4523	3.6473	4.3506	4.6130	4.9005	4.7725	5.2846	5.2317
Tc-94m	1.6091	1.3045	1.5689	1.6677	1.7865	1.7384	1.9284	1.9022
Tc-95	1.9111	1.6243	1.8727	1.9710	1.9801	1.8975	2.1265	2.1547
Tc-95m	2.5843	2.2230	2.5408	2.6651	2.7011	2.6118	2.8880	2.9155
Tc-96	4.3829	3.5973	4.2831	4.5398	4.8061	4.6763	5.1828	5.1328
Tc-96m	0.4101	0.3752	0.4038	0.4192	0.3666	0.3354	0.3884	0.4191
Tc-97	0.6527	0.6113	0.6442	0.6643	0.5540	0.4966	0.5853	0.6466
Tc-97m	0.4997	0.4689	0.4935	0.5086	0.4305	0.3902	0.4525	0.4958
Tc-98	2.4694	1.9905	2.4126	2.5652	2.8056	2.7600	3.0314	2.9720
Tc-99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Tc-99m	1.4629	1.2787	1.4451	1.5077	1.5697	1.5460	1.6641	1.6566
Te-113	1.3476	1.0743	1.3111	1.3986	1.5357	1.5022	1.6589	1.6214
Te-114	2.5408	2.1833	2.4932	2.6188	2.6696	2.5862	2.8408	2.8571
Te-115	2.1406	1.7444	2.0897	2.2182	2.3969	2.3442	2.5801	2.5364
Te-115m	2.4019	1.9433	2.3411	2.4895	2.6983	2.6358	2.9074	2.8553
Te-116	1.6020	1.4725	1.5845	1.6372	1.5689	1.5104	1.6366	1.6866
Te-117	1.8568	1.5461	1.8151	1.9187	2.0237	1.9691	2.1679	2.1527
Te-118	0.6293	0.5952	0.6227	0.6401	0.5795	0.5469	0.5986	0.6336
Te-119	1.8804	1.6057	1.8453	1.9394	2.0001	1.9439	2.1326	2.1405
Te-119m	3.4365	2.9185	3.3731	3.5473	3.7215	3.6368	3.9690	3.9437
Te-121	1.8616	1.6040	1.8296	1.9186	1.9651	1.9109	2.0903	2.1008
Te-121m	1.7852	1.5622	1.7598	1.8404	1.8625	1.8136	1.9768	1.9941
Te-123	0.0587	0.0406	0.0546	0.0644	0.0370	0.0230	0.0471	0.0626
Te-123m	1.7814	1.5708	1.7575	1.8347	1.8523	1.8053	1.9607	1.9809
Te-125m	1.1240	1.0539	1.1105	1.1454	1.0359	0.9764	1.0742	1.1376
Te-127	0.0167	0.0141	0.0164	0.0173	0.0185	0.0182	0.0198	0.0195
Te-127m	0.3753	0.3445	0.3691	0.3848	0.3372	0.3118	0.3542	0.3816
Te-129	0.3463	0.2952	0.3379	0.3596	0.3319	0.3088	0.3583	0.3779
Te-129m	0.3180	0.2879	0.3128	0.3262	0.2994	0.2815	0.3152	0.3323
Te-131	1.7682	1.5125	1.7410	1.8262	1.9293	1.8998	2.0549	2.0360
Te-131m	2.8220	2.3322	2.7633	2.9227	3.1378	3.0802	3.3693	3.3162
Te-132	2.1887	1.9409	2.1620	2.2495	2.2791	2.2279	2.4054	2.4195
Te-133	2.1505	1.7606	2.1048	2.2304	2.4210	2.3808	2.6067	2.5567
Te-133m	3.1598	2.5854	3.0897	3.2756	3.5393	3.4723	3.8076	3.7422
Te-134	2.9883	2.5340	2.9389	3.0885	3.2685	3.2162	3.4897	3.4543
Th-223	1.5293	1.3069	1.4943	1.5914	1.4343	1.3237	1.5628	1.6597
Th-224	0.2349	0.2009	0.2306	0.2437	0.2386	0.2281	0.2571	0.2636
Th-226	0.2031	0.1715	0.1973	0.2122	0.1779	0.1571	0.1971	0.2168
Th-227	1.7705	1.4868	1.7214	1.8504	1.5904	1.4232	1.7589	1.9114
Th-228	0.1759	0.1460	0.1695	0.1850	0.1366	0.1110	0.1559	0.1821
Th-229	2.4899	2.0940	2.4178	2.6051	2.1767	1.9226	2.4146	2.6593
Th-230	1.1875	1.0728	1.1847	1.2234	1.2649	1.2576	1.3089	1.3078
Th-231	1.4054	1.1879	1.3588	1.4723	1.1097	0.9194	1.2500	1.4459
Th-232	1.1789	0.9376	1.1477	1.2301	1.3521	1.3300	1.4480	1.4144
Th-233	0.4312	0.3506	0.4158	0.4544	0.3681	0.3170	0.4140	0.4646
Th-234	0.3075	0.2637	0.2998	0.3201	0.2731	0.2451	0.2994	0.3260
Th-235	0.1399	0.1154	0.1369	0.1452	0.1520	0.1479	0.1641	0.1635
Th-236	0.3064	0.2605	0.2994	0.3186	0.2948	0.2744	0.3209	0.3371
Ti-44	2.5503	2.2586	2.5236	2.6242	2.6600	2.6188	2.8018	2.8086
Ti-45	0.0238	0.0168	0.0223	0.0259	0.0169	0.0120	0.0207	0.0260

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ti-51	1.3695	1.1456	1.3461	1.4191	1.5228	1.5017	1.6351	1.6094
Ti-52	1.8395	1.6001	1.8114	1.9000	1.8965	1.8352	2.0228	2.0518
Tl-190	2.0434	1.6877	1.9984	2.1251	2.1739	2.1014	2.3497	2.3653
Tl-190m	5.1314	4.2117	5.0184	5.3337	5.5810	5.4295	6.0294	6.0144
Tl-194	2.2919	1.9009	2.2400	2.3863	2.3699	2.2685	2.5671	2.6173
Tl-194m	6.8956	5.6707	6.7379	7.1764	7.3277	7.0690	7.9367	8.0001
Tl-195	3.3554	2.7237	3.2552	3.5136	3.2859	3.0445	3.6108	3.7849
Tl-196	3.5816	2.9330	3.4931	3.7279	3.7840	3.6331	4.1009	4.1428
Tl-197	2.6139	2.1811	2.5501	2.7267	2.5657	2.4069	2.7914	2.9119
Tl-198	3.9361	3.2185	3.8371	4.0976	4.1537	3.9836	4.5038	4.5525
Tl-198m	4.7772	3.9336	4.6615	4.9825	4.9050	4.6673	5.3369	5.4689
Tl-199	2.5734	2.1588	2.5122	2.6849	2.4971	2.3359	2.7169	2.8487
Tl-200	3.7546	3.0950	3.6657	3.9090	3.9202	3.7565	4.2494	4.3115
Tl-201	2.1500	1.7941	2.0914	2.2512	1.9794	1.8037	2.1731	2.3390
Tl-202	2.6271	2.1900	2.5667	2.7376	2.6457	2.5101	2.8705	2.9595
Tl-204	0.0347	0.0287	0.0336	0.0364	0.0311	0.0279	0.0344	0.0375
Tl-206m	6.7921	5.6198	6.6548	7.0510	7.4327	7.2620	8.0067	7.9524
Tl-206	0.0016	0.0014	0.0016	0.0017	0.0015	0.0014	0.0017	0.0018
Tl-207	0.0033	0.0027	0.0033	0.0035	0.0038	0.0037	0.0041	0.0040
Tl-208	2.7861	2.2183	2.7085	2.8922	3.1672	3.0921	3.4244	3.3586
Tl-209	4.0227	3.3357	3.9386	4.1678	4.4288	4.3331	4.7567	4.7011
Tl-210	4.2396	3.4219	4.1314	4.4103	4.6544	4.5117	5.0489	5.0122
Tm-161	5.0760	4.3450	4.9772	5.2587	5.1117	4.8904	5.4736	5.6065
Tm-162	2.6232	2.1661	2.5594	2.7241	2.7634	2.6559	2.9804	3.0047
Tm-163	4.2162	3.5692	4.1307	4.3698	4.3436	4.1775	4.6590	4.7272
Tm-164	1.1914	1.0066	1.1644	1.2376	1.1820	1.1190	1.2733	1.3154
Tm-165	3.3742	2.8793	3.3115	3.4975	3.4445	3.3121	3.6924	3.7618
Tm-166	3.9761	3.2817	3.8801	4.1324	4.1703	4.0034	4.5033	4.5526
Tm-167	2.2270	1.9007	2.1799	2.3158	2.1584	2.0322	2.3268	2.4318
Tm-168	4.6169	3.8643	4.5209	4.7948	4.8372	4.6692	5.2084	5.2628
Tm-170	0.1180	0.0966	0.1142	0.1242	0.1046	0.0931	0.1159	0.1275
Tm-171	0.0176	0.0149	0.0172	0.0184	0.0161	0.0148	0.0176	0.0189
Tm-172	0.8139	0.6496	0.7884	0.8519	0.8312	0.7800	0.9109	0.9375
Tm-173	1.3341	1.1105	1.3089	1.3842	1.4574	1.4273	1.5664	1.5566
Tm-174	5.7675	4.7899	5.6497	5.9907	6.2208	6.0518	6.7011	6.6973
Tm-175	2.2766	1.8583	2.2251	2.3653	2.5076	2.4472	2.7057	2.6805
Tm-176	4.0340	3.3147	3.9404	4.1935	4.3415	4.2028	4.6883	4.6941
U-227	1.5262	1.3045	1.4934	1.5860	1.4675	1.3687	1.5946	1.6737
U-228	0.1972	0.1671	0.1911	0.2062	0.1615	0.1370	0.1807	0.2054
U-230	0.2011	0.1691	0.1941	0.2110	0.1537	0.1240	0.1749	0.2057

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
U-231	2.8177	2.4115	2.7414	2.9374	2.4300	2.1395	2.6837	2.9662
U-232	0.1857	0.1557	0.1789	0.1950	0.1389	0.1100	0.1590	0.1890
U-233	0.0987	0.0819	0.0949	0.1039	0.0733	0.0576	0.0844	0.1007
U-234	1.2032	1.1092	1.2057	1.2310	1.2651	1.2684	1.2837	1.3058
U-235	1.6114	1.3970	1.5945	1.6715	1.7572	1.7504	1.8712	1.7978
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	0.1527	0.1279	0.1471	0.1605	0.1135	0.0895	0.1302	0.1552
U-237	2.6659	2.3021	2.6098	2.7663	2.5154	2.3344	2.7237	2.8809
U-238	0.9933	0.8274	0.9741	1.0262	1.1142	1.1059	1.1942	1.1499
U-239	0.9157	0.8088	0.9028	0.9439	0.9084	0.8726	0.9654	0.9916
U-240	0.5199	0.4367	0.5020	0.5454	0.4071	0.3344	0.4602	0.5355
U-242	0.3133	0.2739	0.3090	0.3229	0.3245	0.3159	0.3447	0.3475
V-47	0.0136	0.0103	0.0130	0.0145	0.0126	0.0111	0.0143	0.0156
V-48	2.6087	2.0426	2.5314	2.7166	2.9663	2.8865	3.2221	3.1580
V-49	0.1643	0.1127	0.1525	0.1804	0.1026	0.0629	0.1312	0.1752
V-50	1.2840	0.9878	1.2389	1.3423	1.4170	1.3537	1.5533	1.5473
V-52	1.1647	0.9055	1.1285	1.2106	1.3533	1.3219	1.4682	1.4243
V-53	1.2598	0.9957	1.2258	1.3096	1.4487	1.4202	1.5666	1.5263
W-177	5.5042	4.5996	5.3746	5.7370	5.4822	5.1802	5.9422	6.1573
W-178	0.6432	0.5055	0.6159	0.6844	0.5221	0.4338	0.5967	0.6898
W-179	1.7453	1.4443	1.6902	1.8334	1.5277	1.3534	1.6880	1.8658
W-179m	1.1551	0.9590	1.1226	1.2107	1.0619	0.9664	1.1651	1.2563
W-181	1.1586	0.9635	1.1251	1.2148	1.0427	0.9402	1.1455	1.2468
W-185m	1.1798	0.8792	1.1164	1.2712	0.8837	0.6766	1.0492	1.2721
W-185	0.0010	0.0009	0.0010	0.0011	0.0010	0.0009	0.0011	0.0011
W-187	1.5566	1.2952	1.5237	1.6172	1.6468	1.5929	1.7751	1.7892
W-188	0.0152	0.0126	0.0148	0.0158	0.0153	0.0145	0.0166	0.0171
W-190	2.7215	2.2933	2.6571	2.8394	2.6168	2.4430	2.8403	2.9928
Xe-120	2.4083	2.1512	2.3750	2.4710	2.4379	2.3581	2.5668	2.6140
Xe-121	1.8739	1.6023	1.8391	1.9316	2.0071	1.9567	2.1364	2.1310
Xe-122	0.9378	0.8617	0.9262	0.9582	0.9074	0.8686	0.9472	0.9818
Xe-123	2.0485	1.8036	2.0191	2.1066	2.1368	2.0823	2.2591	2.2749
Xe-125	2.4374	2.1705	2.4063	2.5035	2.5083	2.4416	2.6445	2.6752
Xe-127	2.5886	2.2865	2.5548	2.6630	2.6995	2.6360	2.8538	2.8747
Xe-127m	2.1954	1.9427	2.1680	2.2584	2.2949	2.2455	2.4241	2.4365
Xe-129m	1.3663	1.2704	1.3495	1.3937	1.2832	1.2182	1.3339	1.3999
Xe-131m	0.5801	0.5349	0.5717	0.5933	0.5370	0.5050	0.5612	0.5945
Xe-133	1.0113	0.9208	1.0008	1.0349	1.0129	0.9861	1.0580	1.0778
Xe-133m	0.6942	0.6344	0.6848	0.7106	0.6660	0.6344	0.6974	0.7266
Xe-135	1.3464	1.1472	1.3271	1.3923	1.4761	1.4556	1.5766	1.5588

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Xe-135m	1.0939	0.9103	1.0726	1.1327	1.2059	1.1834	1.2934	1.2789
Xe-137	0.4231	0.3476	0.4146	0.4389	0.4752	0.4681	0.5110	0.5018
Xe-138	1.6604	1.3476	1.6188	1.7266	1.8158	1.7592	1.9645	1.9575
Y-81	1.9878	1.7335	1.9562	2.0530	2.0006	1.9166	2.1446	2.1931
Y-83	1.2126	1.0437	1.1862	1.2525	1.1758	1.0961	1.2746	1.3248
Y-83m	1.3013	1.1087	1.2790	1.3465	1.3654	1.3199	1.4690	1.4803
Y-84m	4.0226	3.2046	3.9188	4.1802	4.5851	4.4936	4.9606	4.8473
Y-85	1.0905	0.9073	1.0666	1.1313	1.1451	1.0985	1.2411	1.2517
Y-85m	1.2143	1.0058	1.1848	1.2591	1.2701	1.2108	1.3791	1.3940
Y-86	4.3460	3.5051	4.2332	4.5131	4.7963	4.6467	5.2001	5.1508
Y-86m	1.5401	1.3181	1.5175	1.5931	1.6687	1.6403	1.7826	1.7731
Y-87	1.7827	1.5112	1.7432	1.8481	1.7548	1.6421	1.9126	1.9806
Y-87m	1.1234	0.9455	1.1031	1.1634	1.2076	1.1757	1.2992	1.2982
Y-88	2.9630	2.3922	2.8773	3.0763	3.1584	3.0062	3.4417	3.4559
Y-89m	1.2283	0.9769	1.1967	1.2766	1.4056	1.3798	1.5200	1.4823
Y-90	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Y-90m	2.7014	2.2829	2.6577	2.7961	2.9665	2.9205	3.1750	3.1413
Y-91	0.0031	0.0024	0.0030	0.0032	0.0036	0.0035	0.0039	0.0038
Y-91m	1.1845	0.9696	1.1598	1.2292	1.3249	1.3011	1.4280	1.4075
Y-92	0.3228	0.2570	0.3145	0.3354	0.3696	0.3627	0.3996	0.3897
Y-93	0.1716	0.1413	0.1681	0.1778	0.1925	0.1893	0.2070	0.2032
Y-94	0.9556	0.7590	0.9306	0.9930	1.0955	1.0751	1.1845	1.1549
Y-95	0.6904	0.5367	0.6682	0.7169	0.8025	0.7831	0.8692	0.8448
Yb-162	2.8048	2.4071	2.7529	2.9090	2.8196	2.6991	3.0227	3.1040
Yb-163	2.0084	1.6684	1.9563	2.0955	1.9599	1.8319	2.1308	2.2270
Yb-164	1.1925	1.0297	1.1683	1.2381	1.1275	1.0558	1.2110	1.2752
Yb-165	3.2475	2.7231	3.1626	3.3939	3.0191	2.7743	3.2904	3.5176
Yb-166	2.2467	1.9437	2.2024	2.3315	2.1346	2.0053	2.2898	2.4053
Yb-167	4.8786	4.1762	4.7776	5.0711	4.7320	4.4617	5.0954	5.3206
Yb-169	5.3620	4.6285	5.2643	5.5587	5.3001	5.0531	5.6753	5.8618
Yb-175	0.2181	0.1847	0.2142	0.2262	0.2302	0.2237	0.2470	0.2485
Yb-177	0.7907	0.6703	0.7760	0.8193	0.8345	0.8100	0.8939	0.8990
Yb-178	0.1533	0.1270	0.1501	0.1595	0.1633	0.1581	0.1765	0.1776
Yb-179	2.4412	2.0061	2.3902	2.5346	2.6974	2.6411	2.9070	2.8817
Zn-60	1.4905	1.2375	1.4612	1.5456	1.6321	1.5979	1.7545	1.7418
Zn-61	0.5370	0.4268	0.5223	0.5580	0.6104	0.5963	0.6605	0.6471
Zn-62	1.6553	1.3060	1.5946	1.7483	1.5301	1.3672	1.7110	1.8584
Zn-63	0.2473	0.1930	0.2393	0.2594	0.2614	0.2473	0.2877	0.2930
Zn-65	1.1739	0.8675	1.1167	1.2529	1.0593	0.9105	1.2151	1.3435
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Zn-69m	1.1868	0.9758	1.1627	1.2329	1.3124	1.2865	1.4144	1.4001
Zn-71	0.6532	0.5340	0.6395	0.6777	0.7355	0.7241	0.7916	0.7764
Zn-71m	3.7145	3.0513	3.6404	3.8537	4.1723	4.1098	4.4891	4.4139
Zn-72	2.3930	1.9521	2.3198	2.5161	2.2352	2.0295	2.4715	2.6620
Zr-85	1.1382	0.9371	1.1146	1.1802	1.2621	1.2363	1.3592	1.3418
Zr-86	2.8744	2.5371	2.8270	2.9604	2.7590	2.5836	2.9686	3.1009
Zr-87	0.2102	0.1803	0.2051	0.2170	0.1977	0.1806	0.2157	0.2278
Zr-88	1.9002	1.6319	1.8641	1.9639	1.8972	1.7949	2.0506	2.1121
Zr-89	1.7703	1.4671	1.7272	1.8339	1.8405	1.7502	1.9975	2.0230
Zr-89m	1.2213	0.9969	1.1946	1.2673	1.3628	1.3346	1.4707	1.4529
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	1.2023	0.9659	1.1739	1.2491	1.3687	1.3466	1.4796	1.4468
Zr-97	1.4366	1.1571	1.4029	1.4920	1.6305	1.6027	1.7616	1.7243

Table 14: Glass 1 cm Contamination Thickness for 100x100x10 ft and 200x200x20 ft rooms

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ac-223	0.2891	0.2563	0.3397	0.3760	0.2315	0.2272	0.3265	0.3655
Ac-224	3.2493	3.1950	3.5177	3.5579	2.9978	3.0448	3.4683	3.5365
Ac-225	0.3984	0.3538	0.4655	0.5147	0.3160	0.3086	0.4450	0.4999
Ac-226	1.4565	1.4418	1.5736	1.5787	1.3499	1.3751	1.5536	1.5747
Ac-227	0.0727	0.0539	0.0952	0.1169	0.0453	0.0408	0.0885	0.1109
Ac-228	2.2419	2.2365	2.4403	2.4159	2.0761	2.1501	2.4298	2.4139
Ac-230	0.9575	0.9506	1.0483	1.0404	0.8780	0.9124	1.0458	1.0415
Ac-231	3.2689	3.2906	3.5011	3.4401	3.1003	3.1817	3.4794	3.4492
Ac-232	1.5690	1.5762	1.7080	1.6733	1.4593	1.5293	1.7166	1.6817
Ac-233	1.4632	1.4955	1.5714	1.5156	1.4058	1.4715	1.5804	1.5333
Ag-100m	2.7964	2.9135	2.9685	2.7920	2.7381	2.9059	3.0182	2.8312
Ag-101	2.3141	2.3783	2.4482	2.3464	2.2383	2.3344	2.4617	2.3659
Ag-102m	1.7338	1.7939	1.8417	1.7389	1.6859	1.7878	1.8795	1.7714
Ag-102	4.1793	4.3371	4.4348	4.1871	4.0768	4.3131	4.5013	4.2466
Ag-103	2.5486	2.5831	2.6860	2.6234	2.4293	2.5034	2.6754	2.6279
Ag-104	5.1243	5.2829	5.4371	5.1861	4.9542	5.2142	5.4886	5.2271
Ag-104m	2.0647	2.1268	2.1905	2.0907	1.9930	2.0949	2.2112	2.1146
Ag-105	2.6650	2.6901	2.8238	2.7691	2.5153	2.5845	2.8020	2.7624
Ag-105m	0.0283	0.0204	0.0379	0.0471	0.0179	0.0163	0.0357	0.0447
Ag-106	0.4889	0.4845	0.5187	0.5208	0.4463	0.4557	0.5100	0.5150
Ag-106m	6.2210	6.4076	6.5973	6.2967	6.0150	6.3149	6.6521	6.3522
Ag-108	0.0528	0.0536	0.0561	0.0550	0.0497	0.0515	0.0557	0.0547
Ag-108m	4.6870	4.8184	4.9724	4.7770	4.5131	4.7216	4.9890	4.7985
Ag-109m	0.3293	0.3109	0.3517	0.3747	0.2834	0.2786	0.3383	0.3610
Ag-110	0.0718	0.0747	0.0762	0.0723	0.0700	0.0739	0.0769	0.0729
Ag-110m	4.9135	5.1193	5.2155	4.9101	4.8154	5.1051	5.2957	4.9686
Ag-111	0.1315	0.1354	0.1395	0.1329	0.1283	0.1331	0.1399	0.1344
Ag-111m	0.1815	0.1675	0.1979	0.2148	0.1517	0.1481	0.1896	0.2064
Ag-112	1.1153	1.1636	1.1842	1.1137	1.0932	1.1589	1.2022	1.1302
Ag-113m	0.9460	0.9662	1.0092	0.9736	0.9111	0.9441	1.0094	0.9805
Ag-113	0.2934	0.3027	0.3114	0.2964	0.2864	0.2978	0.3128	0.3000
Ag-114	0.4616	0.4804	0.4898	0.4613	0.4522	0.4782	0.4970	0.4691
Ag-115	1.0480	1.0834	1.1073	1.0507	1.0247	1.0726	1.1196	1.0655
Ag-116	2.6914	2.7995	2.8537	2.6776	2.6394	2.7995	2.9118	2.7329
Ag-117	2.0688	2.1380	2.1858	2.0709	2.0240	2.1244	2.2172	2.1065
Ag-99	2.9091	3.0063	3.0796	2.9226	2.8360	2.9769	3.1152	2.9590
Al-26	1.4959	1.5625	1.5857	1.4695	1.4728	1.5782	1.6376	1.5102
Al-28	1.4578	1.5230	1.5451	1.4309	1.4357	1.5382	1.5948	1.4707
Al-29	1.5302	1.5959	1.6247	1.5111	1.5042	1.6066	1.6660	1.5412

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Am-237	3.3791	3.3275	3.6601	3.6901	3.1056	3.1605	3.6046	3.6690
Am-238	3.2899	3.2658	3.5595	3.5540	3.0413	3.1273	3.5280	3.5399
Am-239	3.8717	3.7401	4.2355	4.3613	3.4709	3.4996	4.1402	4.3087
Am-240	3.5101	3.4533	3.8255	3.8548	3.1967	3.2794	3.7821	3.8270
Am-241	1.2600	1.2860	1.3048	1.2804	1.2459	1.2770	1.3127	1.2423
Am-242	0.5148	0.4702	0.5825	0.6316	0.4214	0.4140	0.5568	0.6139
Am-242m	0.2956	0.2458	0.3553	0.4121	0.2086	0.1956	0.3310	0.3935
Am-243	1.2730	1.2550	1.3549	1.3734	1.1896	1.2025	1.3392	1.3585
Am-244	2.9920	2.9053	3.2920	3.3676	2.6634	2.7217	3.2319	3.3242
Am-244m	0.1765	0.1559	0.2042	0.2271	0.1361	0.1320	0.1932	0.2190
Am-245	0.4212	0.4122	0.4565	0.4640	0.3841	0.3891	0.4482	0.4603
Am-246	4.1806	4.0517	4.5917	4.7118	3.7199	3.7786	4.4930	4.6506
Am-246m	1.9378	1.9580	2.0901	2.0389	1.8233	1.9064	2.0974	2.0423
Am-247	1.5621	1.5431	1.6843	1.6935	1.4439	1.4683	1.6592	1.6854
Ar-37	0.0284	0.0183	0.0401	0.0519	0.0157	0.0135	0.0374	0.0489
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	1.5064	1.5709	1.5998	1.4882	1.4805	1.5804	1.6386	1.5168
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	1.8247	1.9017	1.9348	1.8092	1.7921	1.9068	1.9793	1.8426
Ar-44	2.8846	2.9907	3.0466	2.8707	2.8307	2.9811	3.0984	2.9246
As-68	3.5889	3.7398	3.8085	3.5708	3.5204	3.7412	3.8871	3.6286
As-69	0.5736	0.5725	0.6219	0.6166	0.5405	0.5582	0.6219	0.6180
As-70	4.7128	4.8926	5.0140	4.7234	4.6049	4.8845	5.1098	4.7939
As-71	2.1794	2.0940	2.4311	2.5137	1.9664	1.9977	2.3988	2.4943
As-72	1.5533	1.5904	1.6713	1.6066	1.4946	1.5793	1.6922	1.6162
As-73	1.1500	0.7935	1.5685	1.9855	0.6926	0.6155	1.4716	1.8773
As-74	1.3147	1.3022	1.4564	1.4619	1.2126	1.2609	1.4513	1.4574
As-76	0.9216	0.9588	0.9782	0.9234	0.9021	0.9521	0.9898	0.9372
As-77	0.0492	0.0504	0.0521	0.0502	0.0478	0.0494	0.0522	0.0507
As-78	2.0941	2.1830	2.2234	2.0897	2.0529	2.1773	2.2594	2.1206
As-79	0.0932	0.0965	0.0988	0.0936	0.0912	0.0956	0.0998	0.0947
At-204	6.4940	6.6303	6.9497	6.7246	6.2378	6.5116	6.9777	6.7664
At-205	3.3545	3.3568	3.6221	3.5914	3.1553	3.2626	3.6159	3.5868
At-206	6.7201	6.8606	7.1817	6.9440	6.4615	6.7433	7.2170	6.9859
At-207	5.1940	5.2423	5.5872	5.4754	4.9309	5.1278	5.6026	5.4886
At-208	8.0835	8.2236	8.6636	8.4225	7.7325	8.0663	8.6978	8.4562
At-209	7.3338	7.4027	7.8838	7.7312	6.9645	7.2375	7.8950	7.7432
At-210	6.2460	6.3093	6.7174	6.5517	5.9332	6.1797	6.7537	6.5870
At-211	0.7963	0.7586	0.8790	0.9208	0.7106	0.7138	0.8620	0.9059
At-215	0.0007	0.0008	0.0008	0.0008	0.0007	0.0007	0.0008	0.0008

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
At-216	0.0419	0.0408	0.0456	0.0468	0.0385	0.0389	0.0450	0.0463
At-217	0.0017	0.0017	0.0018	0.0018	0.0016	0.0017	0.0018	0.0018
At-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-220	2.4264	2.4796	2.5787	2.4893	2.3427	2.4241	2.5815	2.5094
Au-186	3.8685	3.9067	4.1416	4.0556	3.6993	3.8228	4.1476	4.0670
Au-187	3.0479	2.9848	3.3347	3.3786	2.8161	2.8885	3.3252	3.3576
Au-190	4.5015	4.5528	4.8295	4.7056	4.3089	4.4746	4.8634	4.7388
Au-191	3.8111	3.7509	4.1431	4.1856	3.5477	3.6241	4.1187	4.1601
Au-192	4.1887	4.2230	4.5041	4.4050	3.9966	4.1443	4.5294	4.4286
Au-193	2.4477	2.3605	2.6773	2.7678	2.2403	2.2603	2.6478	2.7317
Au-193m	1.7882	1.7198	1.9858	2.0509	1.6108	1.6317	1.9590	2.0315
Au-194	3.3797	3.3787	3.6475	3.6084	3.1990	3.2959	3.6498	3.6107
Au-195	2.0480	1.8974	2.3049	2.4749	1.7890	1.7802	2.2590	2.4185
Au-195m	1.8055	1.7364	2.0053	2.0705	1.6262	1.6472	1.9779	2.0509
Au-196	3.1264	3.1153	3.3750	3.3557	2.9526	3.0246	3.3621	3.3493
Au-196m	3.9025	3.6867	4.3655	4.5960	3.4596	3.4755	4.2855	4.5276
Au-198	1.4780	1.5234	1.5679	1.4948	1.4397	1.5024	1.5775	1.5093
Au-198m	6.2498	6.1859	6.7472	6.7754	5.8641	5.9802	6.6971	6.7491
Au-199	1.2707	1.2557	1.3731	1.3827	1.1884	1.2112	1.3608	1.3805
Au-200	0.5635	0.5824	0.5991	0.5668	0.5500	0.5781	0.6063	0.5742
Au-200m	7.5282	7.7150	8.0127	7.7085	7.2892	7.5896	8.0479	7.7788
Au-201	0.1730	0.1640	0.1954	0.2045	0.1526	0.1551	0.1924	0.2019
Au-202	0.3542	0.3667	0.3759	0.3555	0.3461	0.3645	0.3810	0.3603
Ba-124	1.8524	1.8545	1.9637	1.9430	1.7607	1.7932	1.9453	1.9267
Ba-126	2.3406	2.3629	2.4810	2.4291	2.2387	2.2962	2.4691	2.4189
Ba-127	1.0227	1.0162	1.0827	1.0812	0.9673	0.9784	1.0686	1.0681
Ba-128	0.9343	0.9088	0.9945	1.0167	0.8640	0.8578	0.9688	0.9908
Ba-129	1.0869	1.0694	1.1562	1.1672	1.0160	1.0205	1.1350	1.1467
Ba-129m	4.7405	4.8222	5.0395	4.8852	4.5610	4.7251	5.0466	4.8968
Ba-131	2.9523	2.9731	3.1242	3.0700	2.8234	2.8847	3.1011	3.0596
Ba-131m	1.4432	1.4268	1.5342	1.5436	1.3635	1.3779	1.5126	1.5262
Ba-133	3.2219	3.2260	3.4151	3.3795	3.0696	3.1180	3.3793	3.3515
Ba-133m	0.8885	0.8435	0.9747	1.0193	0.7973	0.7907	0.9480	0.9933
Ba-135m	0.7678	0.7490	0.8195	0.8341	0.7132	0.7113	0.8005	0.8159
Ba-137m	1.4324	1.4884	1.5223	1.4459	1.3975	1.4730	1.5345	1.4565
Ba-139	0.4807	0.4901	0.5053	0.4906	0.4672	0.4799	0.5039	0.4943
Ba-140	0.8741	0.8515	0.9631	0.9814	0.7983	0.8144	0.9518	0.9734
Ba-141	3.0831	3.1780	3.2626	3.1095	3.0098	3.1341	3.2817	3.1444
Ba-142	2.6232	2.6995	2.7746	2.6496	2.5559	2.6688	2.7993	2.6713

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.1531	0.1585	0.1622	0.1537	0.1497	0.1570	0.1638	0.1563
Bi-197	3.8161	3.8207	4.1264	4.0782	3.5951	3.7312	4.1369	4.0773
Bi-200	7.5857	7.7022	8.1128	7.8892	7.2686	7.5507	8.1455	7.9301
Bi-201	3.8837	3.8968	4.1903	4.1285	3.6699	3.8133	4.2076	4.1331
Bi-202	7.0365	7.1686	7.5285	7.2954	6.7555	7.0487	7.5746	7.3324
Bi-203	4.7814	4.8266	5.1431	5.0289	4.5478	4.7435	5.1790	5.0471
Bi-204	7.0921	7.2065	7.6010	7.3801	6.7920	7.0862	7.6515	7.4128
Bi-205	3.6277	3.6338	3.9247	3.8758	3.4170	3.5507	3.9395	3.8807
Bi-206	8.2113	8.3456	8.7977	8.5424	7.8684	8.2138	8.8533	8.5852
Bi-207	4.1635	4.1998	4.4841	4.3992	3.9508	4.1081	4.4993	4.4104
Bi-208	2.3084	2.2961	2.5149	2.4847	2.1572	2.2586	2.5516	2.5070
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.6060	1.6336	1.7124	1.6615	1.5468	1.5956	1.7125	1.6735
Bi-211	0.2490	0.2532	0.2664	0.2583	0.2396	0.2475	0.2664	0.2598
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	0.2709	0.2547	0.3099	0.3259	0.2341	0.2393	0.3053	0.3208
Bi-213	0.4863	0.4971	0.5182	0.4995	0.4693	0.4883	0.5202	0.5037
Bi-214	2.0272	2.1110	2.1526	2.0211	1.9863	2.1088	2.1934	2.0548
Bi-215	1.1846	1.1986	1.2688	1.2390	1.1321	1.1689	1.2680	1.2447
Bi-216	2.2293	2.3048	2.3682	2.2534	2.1717	2.2771	2.3866	2.2825
Bk-245	3.3493	3.2856	3.6179	3.6689	3.0685	3.1103	3.5541	3.6410
Bk-246	3.3373	3.2732	3.6390	3.6825	3.0303	3.1044	3.5892	3.6486
Bk-247	1.7584	1.7656	1.8662	1.8470	1.6716	1.7088	1.8532	1.8454
Bk-248m	0.6967	0.6670	0.7654	0.7958	0.6135	0.6162	0.7445	0.7833
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	1.6475	1.6742	1.7699	1.7151	1.5607	1.6346	1.7823	1.7213
Bk-251	1.6767	1.6174	1.8319	1.8914	1.4983	1.5062	1.7865	1.8677
Br-72	2.9264	3.0286	3.1168	2.9464	2.8519	3.0211	3.1710	2.9850
Br-73	1.7116	1.7369	1.8218	1.7748	1.6465	1.7048	1.8284	1.7791
Br-74	3.2872	3.4075	3.4993	3.2981	3.2072	3.4077	3.5813	3.3639
Br-74m	4.1024	4.2588	4.3710	4.1275	4.0009	4.2449	4.4480	4.1892
Br-75	2.2191	2.2446	2.3884	2.3293	2.1154	2.1852	2.3852	2.3442
Br-76	2.9873	3.0397	3.2305	3.1199	2.8452	2.9987	3.2696	3.1551
Br-76m	1.2973	1.1381	1.5089	1.6840	1.0283	0.9990	1.4435	1.6269
Br-77	1.6946	1.5930	1.9307	2.0314	1.4664	1.4851	1.8930	2.0045
Br-77m	0.5973	0.5106	0.7177	0.8128	0.4500	0.4358	0.6829	0.7858
Br-78	0.2473	0.2457	0.2730	0.2728	0.2277	0.2369	0.2716	0.2720
Br-80	0.1566	0.1535	0.1747	0.1771	0.1417	0.1468	0.1732	0.1759
Br-80m	1.0445	0.8700	1.2602	1.4538	0.7628	0.7223	1.1883	1.3922

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Br-82m	0.3881	0.2925	0.5036	0.6104	0.2391	0.2177	0.4676	0.5810
Br-82	4.9944	5.1989	5.3011	4.9947	4.8936	5.1821	5.3784	5.0584
Br-83	0.0192	0.0199	0.0204	0.0194	0.0188	0.0197	0.0206	0.0197
Br-84m	4.5263	4.7044	4.7995	4.5092	4.4377	4.6954	4.8806	4.5781
Br-84	1.6525	1.7221	1.7513	1.6359	1.6242	1.7327	1.7993	1.6696
Br-85	0.1108	0.1152	0.1174	0.1105	0.1086	0.1152	0.1195	0.1119
C-10	1.5196	1.5832	1.6138	1.5239	1.4884	1.5769	1.6344	1.5382
C-11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0507	0.0327	0.0716	0.0927	0.0280	0.0240	0.0668	0.0873
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	1.3276	1.3835	1.4096	1.3143	1.3041	1.3897	1.4415	1.3385
Ca-49	1.4018	1.4636	1.4833	1.3665	1.3848	1.4944	1.5561	1.4219
Cd-101	3.0772	3.1568	3.2468	3.1115	2.9778	3.1145	3.2777	3.1374
Cd-102	2.4648	2.5004	2.6073	2.5416	2.3431	2.4228	2.6027	2.5448
Cd-103	2.3794	2.4263	2.5216	2.4307	2.2682	2.3746	2.5446	2.4449
Cd-104	1.9334	1.9222	2.0322	2.0445	1.7979	1.8254	2.0035	2.0142
Cd-105	1.6365	1.6617	1.7352	1.6840	1.5501	1.6157	1.7433	1.6874
Cd-107	0.9192	0.8675	0.9762	1.0410	0.7864	0.7708	0.9359	1.0004
Cd-109	0.8494	0.7991	0.9033	0.9664	0.7234	0.7077	0.8650	0.9277
Cd-111m	2.3789	2.4184	2.5051	2.4413	2.2863	2.3465	2.4975	2.4505
Cd-113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0008	0.0008	0.0008	0.0008	0.0007	0.0007	0.0008	0.0008
Cd-115	0.5977	0.6171	0.6332	0.6033	0.5817	0.6086	0.6379	0.6116
Cd-115m	0.0513	0.0534	0.0544	0.0511	0.0504	0.0534	0.0555	0.0518
Cd-117	2.0981	2.1714	2.2228	2.1009	2.0514	2.1551	2.2513	2.1307
Cd-117m	2.4278	2.5297	2.5736	2.4077	2.3840	2.5359	2.6337	2.4535
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	2.5255	2.6179	2.6764	2.5208	2.4738	2.6057	2.7194	2.5650
Cd-119m	2.8629	2.9803	3.0341	2.8425	2.8094	2.9842	3.1008	2.8931
Ce-130	2.9378	2.9514	3.1073	3.0635	2.8111	2.8674	3.0832	3.0489
Ce-131	3.3839	3.4343	3.6009	3.5017	3.2498	3.3642	3.6054	3.5097
Ce-132	2.8526	2.8727	3.0127	2.9636	2.7368	2.7888	2.9876	2.9559
Ce-133	2.2997	2.2768	2.4249	2.4377	2.1809	2.1967	2.3885	2.3998
Ce-133m	4.6673	4.7507	4.9400	4.7826	4.5076	4.6685	4.9527	4.7957
Ce-134	0.7407	0.7075	0.7906	0.8243	0.6768	0.6645	0.7655	0.7966
Ce-135	3.4514	3.5050	3.6622	3.5619	3.3212	3.4236	3.6544	3.5633
Ce-137	0.8538	0.7929	0.9385	1.0043	0.7528	0.7353	0.9057	0.9681
Ce-137m	0.7598	0.7389	0.8096	0.8290	0.7056	0.7039	0.7929	0.8109
Ce-139	2.2246	2.2228	2.3522	2.3379	2.1206	2.1502	2.3243	2.3248

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ce-141	1.0361	1.0512	1.0877	1.0632	1.0045	1.0283	1.0829	1.0682
Ce-143	1.7988	1.8095	1.9029	1.8732	1.7245	1.7605	1.8916	1.8649
Ce-144	0.3088	0.3104	0.3244	0.3208	0.2972	0.3024	0.3220	0.3200
Ce-145	2.8624	2.8982	3.0308	2.9618	2.7523	2.8392	3.0294	2.9516
Cf-244	0.1053	0.0891	0.1246	0.1430	0.0757	0.0714	0.1161	0.1366
Cf-246	0.0725	0.0614	0.0857	0.0983	0.0523	0.0493	0.0799	0.0939
Cf-247	2.1989	2.0652	2.4456	2.5899	1.8879	1.8784	2.3638	2.5368
Cf-248	0.0870	0.0739	0.1028	0.1178	0.0629	0.0595	0.0959	0.1126
Cf-249	1.6581	1.6649	1.7863	1.7578	1.5570	1.6029	1.7737	1.7578
Cf-250	0.0824	0.0729	0.0953	0.1059	0.0636	0.0618	0.0903	0.1021
Cf-251	1.9471	1.8934	2.1171	2.1666	1.7600	1.7774	2.0723	2.1444
Cf-252	0.8128	0.8300	0.8681	0.8358	0.7790	0.8150	0.8745	0.8432
Cf-253	0.2345	0.1985	0.2774	0.3192	0.1711	0.1610	0.2594	0.3048
Cf-254	27.4676	28.4722	29.0623	27.4497	26.9038	28.3267	29.4930	27.8701
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34m	1.7339	1.7967	1.8286	1.7237	1.7034	1.7984	1.8686	1.7622
Cl-36	0.0004	0.0003	0.0006	0.0007	0.0002	0.0002	0.0005	0.0007
Cl-38	1.0736	1.1217	1.1376	1.0528	1.0578	1.1348	1.1769	1.0837
Cl-39	2.2358	2.3220	2.3668	2.2219	2.1933	2.3172	2.4090	2.2611
Cl-40	2.8408	2.9647	3.0114	2.7920	2.7977	2.9976	3.1110	2.8702
Cm-238	1.5885	1.5461	1.7224	1.7617	1.4406	1.4549	1.6861	1.7432
Cm-239	3.5710	3.5516	3.8263	3.8214	3.3376	3.4008	3.7779	3.8114
Cm-240	0.1186	0.0995	0.1419	0.1635	0.0837	0.0785	0.1318	0.1563
Cm-241	3.7261	3.6234	4.0789	4.1660	3.3558	3.4072	4.0021	4.1293
Cm-242	0.1065	0.0892	0.1273	0.1468	0.0750	0.0704	0.1183	0.1403
Cm-243	1.9051	1.8273	2.1003	2.1767	1.6908	1.7018	2.0504	2.1476
Cm-244	0.0914	0.0766	0.1093	0.1260	0.0644	0.0604	0.1016	0.1205
Cm-245	2.0405	1.9713	2.2281	2.2953	1.8294	1.8432	2.1762	2.2672
Cm-246	0.0788	0.0672	0.0934	0.1063	0.0571	0.0543	0.0873	0.1020
Cm-247	1.2555	1.2927	1.3314	1.2711	1.2212	1.2720	1.3375	1.2824
Cm-248	2.2095	2.2768	2.3472	2.2341	2.1454	2.2533	2.3750	2.2626
Cm-249	0.1466	0.1183	0.1855	0.2182	0.1064	0.1025	0.1776	0.2097
Cm-250	21.6771	22.4672	22.9372	21.6673	21.2290	22.3511	23.2769	21.9988
Cm-251	0.4713	0.4738	0.5069	0.4994	0.4430	0.4575	0.5042	0.5003
Co-54m	4.4559	4.6334	4.7256	4.4303	4.3703	4.6277	4.8118	4.5024
Co-55	2.0308	2.0936	2.1700	2.0628	1.9710	2.0831	2.2039	2.0868
Co-56	3.9722	4.0744	4.2704	4.0736	3.8323	4.0670	4.3546	4.1249
Co-57	2.1335	2.0333	2.3750	2.4794	1.9117	1.9277	2.3324	2.4528
Co-58	1.7075	1.7076	1.8724	1.8513	1.6001	1.6793	1.8825	1.8471

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Co-58m	0.2033	0.1313	0.2868	0.3714	0.1124	0.0965	0.2676	0.3498
Co-60	3.0536	3.1840	3.2414	3.0196	3.0004	3.1988	3.3180	3.0754
Co-60m	0.2526	0.1740	0.3452	0.4373	0.1523	0.1355	0.3243	0.4135
Co-61	1.2340	1.2462	1.2851	1.2665	1.2033	1.2267	1.2892	1.2607
Co-62	1.7626	1.8381	1.8695	1.7423	1.7324	1.8476	1.9176	1.7764
Co-62m	3.1387	3.2732	3.3293	3.1043	3.0843	3.2881	3.4123	3.1629
Cr-48	3.4212	3.4704	3.6437	3.5484	3.3007	3.3976	3.6367	3.5714
Cr-49	1.6074	1.6388	1.6776	1.6331	1.5734	1.6151	1.6787	1.6404
Cr-51	0.2762	0.2404	0.3339	0.3733	0.2210	0.2177	0.3234	0.3633
Cr-55	0.0007	0.0007	0.0007	0.0006	0.0006	0.0007	0.0007	0.0007
Cr-56	1.8661	1.8514	1.9714	1.9909	1.7678	1.7885	1.9550	1.9678
Cs-121	1.1883	1.2146	1.2539	1.2110	1.1523	1.1905	1.2547	1.2180
Cs-121m	2.2329	2.2807	2.3586	2.2785	2.1632	2.2323	2.3582	2.2899
Cs-123	1.6337	1.6554	1.7241	1.6849	1.5712	1.6144	1.7178	1.6793
Cs-124	0.6167	0.6333	0.6547	0.6257	0.5989	0.6231	0.6580	0.6311
Cs-125	1.3318	1.3436	1.4107	1.3839	1.2713	1.3042	1.4031	1.3777
Cs-126	1.0136	1.0385	1.0744	1.0315	0.9816	1.0198	1.0781	1.0365
Cs-127	2.1190	2.1344	2.2438	2.2045	2.0214	2.0663	2.2270	2.1911
Cs-128	0.6971	0.7049	0.7392	0.7220	0.6665	0.6852	0.7364	0.7201
Cs-129	1.8952	1.8844	2.0100	2.0055	1.7849	1.8041	1.9803	1.9762
Cs-130m	1.5815	1.5410	1.6828	1.7237	1.4723	1.4698	1.6487	1.6863
Cs-130	0.4487	0.4352	0.4765	0.4896	0.4121	0.4086	0.4638	0.4753
Cs-131	0.6458	0.6154	0.6866	0.7196	0.5834	0.5686	0.6616	0.6914
Cs-132	2.2029	2.2401	2.3404	2.2817	2.1083	2.1816	2.3331	2.2693
Cs-134	3.3761	3.5142	3.5846	3.3859	3.3058	3.4973	3.6289	3.4228
Cs-134m	0.6079	0.5641	0.6785	0.7263	0.5313	0.5236	0.6577	0.7059
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	3.0190	3.1370	3.2041	3.0248	2.9570	3.1360	3.2541	3.0515
Cs-136	4.5738	4.7348	4.8459	4.5897	4.4747	4.7066	4.9073	4.6392
Cs-137	1.7021	1.7716	1.7892	1.6771	1.6655	1.7363	1.8429	1.7003
Cs-138m	1.3250	1.3323	1.4103	1.3844	1.2622	1.2956	1.4042	1.3801
Cs-138	2.9497	3.0695	3.1270	2.9262	2.8952	3.0730	3.1937	2.9834
Cs-139	0.3036	0.3166	0.3221	0.3000	0.2984	0.3185	0.3305	0.3065
Cs-140	2.0118	2.0981	2.1340	1.9979	1.9750	2.1009	2.1811	2.0372
Cu-57	0.1571	0.1636	0.1668	0.1561	0.1542	0.1639	0.1705	0.1587
Cu-59	0.7596	0.7872	0.8079	0.7617	0.7425	0.7846	0.8205	0.7727
Cu-60	3.0020	3.1222	3.1921	2.9824	2.9423	3.1394	3.2747	3.0442
Cu-61	0.6809	0.6623	0.7587	0.7738	0.6201	0.6374	0.7537	0.7684
Cu-62	0.0151	0.0133	0.0182	0.0201	0.0122	0.0123	0.0178	0.0196
Cu-64	0.1288	0.0859	0.1792	0.2293	0.0742	0.0652	0.1679	0.2165

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Cu-66	0.1488	0.1551	0.1577	0.1478	0.1461	0.1549	0.1610	0.1500
Cu-67	1.3305	1.3438	1.4141	1.3884	1.2792	1.3131	1.4099	1.3931
Cu-69	0.8908	0.9274	0.9445	0.8878	0.8735	0.9255	0.9613	0.9001
Dy-148	2.4651	2.4973	2.6234	2.5719	2.3647	2.4491	2.6231	2.5675
Dy-149	3.8666	3.9112	4.1023	4.0078	3.7199	3.8575	4.1219	4.0113
Dy-150	1.5632	1.5719	1.6606	1.6356	1.4964	1.5370	1.6565	1.6306
Dy-151	3.6639	3.6957	3.9166	3.8373	3.5021	3.6312	3.9288	3.8420
Dy-152	2.5253	2.5355	2.6755	2.6434	2.4179	2.4714	2.6659	2.6406
Dy-153	4.4742	4.4706	4.7483	4.7173	4.2688	4.3694	4.7333	4.6964
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	3.1941	3.2174	3.3843	3.3279	3.0653	3.1492	3.3813	3.3254
Dy-157	2.5718	2.5806	2.7395	2.7010	2.4607	2.5165	2.7260	2.6981
Dy-159	1.1817	1.1371	1.2621	1.3108	1.0949	1.0946	1.2420	1.2836
Dy-165m	0.3096	0.2710	0.3646	0.4087	0.2530	0.2481	0.3532	0.3959
Dy-165	0.2353	0.2338	0.2500	0.2504	0.2238	0.2282	0.2484	0.2485
Dy-166	0.9781	0.9353	1.0614	1.1086	0.8959	0.8982	1.0451	1.0876
Dy-167	2.3348	2.3833	2.4812	2.4001	2.2584	2.3407	2.4869	2.4166
Dy-168	2.1779	2.1988	2.3193	2.2748	2.0881	2.1519	2.3164	2.2796
Er-154	1.3116	1.2353	1.4272	1.5146	1.1770	1.1661	1.3948	1.4732
Er-156	1.6999	1.5573	1.9066	2.0672	1.4781	1.4582	1.8558	2.0070
Er-159	3.0568	3.0866	3.2585	3.1975	2.9282	3.0299	3.2620	3.1974
Er-161	3.1933	3.2053	3.4129	3.3666	3.0453	3.1493	3.4181	3.3575
Er-163	1.0216	0.9816	1.0964	1.1394	0.9444	0.9461	1.0797	1.1171
Er-165	0.9859	0.9457	1.0598	1.1033	0.9095	0.9107	1.0432	1.0813
Er-167m	1.0546	1.0478	1.1338	1.1327	0.9953	1.0156	1.1260	1.1287
Er-169	0.0059	0.0038	0.0083	0.0107	0.0033	0.0028	0.0078	0.0101
Er-171	2.8243	2.8478	3.0129	2.9537	2.7110	2.7833	3.0041	2.9627
Er-172	2.4343	2.4515	2.5975	2.5576	2.3278	2.4014	2.5951	2.5542
Er-173	4.4077	4.4659	4.6754	4.5655	4.2492	4.3836	4.6779	4.5764
Es-249	2.9494	2.9230	3.1777	3.1835	2.7322	2.7887	3.1361	3.1681
Es-250	7.9161	7.6723	8.6623	8.8870	7.0821	7.1728	8.4793	8.7742
Es-250m	2.5515	2.5208	2.7548	2.7687	2.3487	2.4003	2.7206	2.7526
Es-251	2.0560	1.9550	2.2686	2.3751	1.7969	1.7951	2.2003	2.3352
Es-253	0.0295	0.0251	0.0349	0.0400	0.0216	0.0204	0.0327	0.0383
Es-254	1.0273	0.8465	1.2446	1.4526	0.7244	0.6775	1.1623	1.3861
Es-254m	1.4381	1.4377	1.5605	1.5519	1.3291	1.3761	1.5473	1.5425
Es-255	0.0011	0.0012	0.0012	0.0011	0.0011	0.0012	0.0012	0.0011
Es-256	0.1422	0.1230	0.1648	0.1872	0.1068	0.1011	0.1544	0.1788
Eu-142	0.3683	0.3787	0.3907	0.3729	0.3581	0.3773	0.3966	0.3762
Eu-142m	5.1871	5.3522	5.5315	5.2707	5.0385	5.3128	5.6007	5.3219

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Eu-143	0.6481	0.6556	0.6867	0.6692	0.6234	0.6472	0.6922	0.6707
Eu-144	0.2888	0.2925	0.3063	0.2973	0.2780	0.2896	0.3095	0.2987
Eu-145	2.6669	2.7096	2.8283	2.7485	2.5702	2.6749	2.8490	2.7524
Eu-146	4.9741	5.1193	5.2807	5.0594	4.8314	5.0715	5.3298	5.0883
Eu-147	2.6412	2.6486	2.7916	2.7653	2.5277	2.5854	2.7813	2.7514
Eu-148	5.7667	5.9338	6.1199	5.8668	5.6005	5.8609	6.1637	5.9110
Eu-149	1.0855	1.0349	1.1739	1.2300	0.9889	0.9850	1.1517	1.2022
Eu-150	5.3506	5.4775	5.6802	5.4666	5.1876	5.3915	5.7027	5.5035
Eu-150m	0.2162	0.2170	0.2294	0.2263	0.2068	0.2117	0.2286	0.2255
Eu-152	3.3716	3.4282	3.5719	3.4660	3.2568	3.3766	3.5883	3.4774
Eu-152m	0.9020	0.9131	0.9556	0.9339	0.8681	0.8983	0.9588	0.9331
Eu-152n	1.5439	1.4997	1.6716	1.7195	1.4312	1.4469	1.6523	1.6982
Eu-154	2.9724	3.0512	3.1494	3.0196	2.8903	3.0230	3.1788	3.0442
Eu-154m	1.6233	1.5388	1.7828	1.8767	1.4663	1.4653	1.7517	1.8378
Eu-155	1.1610	1.1606	1.2230	1.2196	1.1148	1.1353	1.2167	1.2130
Eu-156	1.7876	1.8414	1.9005	1.8087	1.7393	1.8359	1.9329	1.8296
Eu-157	2.0085	1.9867	2.1505	2.1618	1.8943	1.9302	2.1376	2.1435
Eu-158	2.3592	2.4182	2.5133	2.4118	2.2845	2.4001	2.5460	2.4294
Eu-159	2.2563	2.2430	2.3860	2.3912	2.1486	2.1872	2.3729	2.3698
F-17	0.0005	0.0005	0.0006	0.0005	0.0005	0.0005	0.0006	0.0005
F-18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-52	1.8764	1.8970	1.9976	1.9591	1.8027	1.8524	1.9909	1.9732
Fe-53	0.6604	0.6804	0.7020	0.6687	0.6433	0.6704	0.7058	0.6757
Fe-53m	4.3985	4.5855	4.6673	4.3745	4.3163	4.5864	4.7586	4.4406
Fe-55	0.1685	0.1087	0.2378	0.3079	0.0931	0.0799	0.2219	0.2900
Fe-59	1.6184	1.6859	1.7164	1.6043	1.5892	1.6893	1.7536	1.6312
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	2.1721	2.2577	2.3021	2.1618	2.1310	2.2530	2.3440	2.1970
Fe-62	1.4653	1.5182	1.5531	1.4699	1.4331	1.5051	1.5693	1.4975
Fm-251	1.9933	1.9231	2.1822	2.2525	1.7883	1.8022	2.1344	2.2252
Fm-252	0.0753	0.0648	0.0878	0.0999	0.0557	0.0528	0.0821	0.0955
Fm-253	1.5577	1.4471	1.7438	1.8664	1.3138	1.2980	1.6774	1.8215
Fm-254	0.0871	0.0769	0.1004	0.1120	0.0672	0.0648	0.0948	0.1077
Fm-255	0.8288	0.6992	0.9857	1.1348	0.5985	0.5628	0.9201	1.0845
Fm-256	20.4321	21.1764	21.6213	20.4264	20.0073	21.0632	21.9374	20.7361
Fm-257	2.0895	2.0123	2.2850	2.3628	1.8599	1.8694	2.2279	2.3302
Fr-212	3.5986	3.5782	3.9010	3.8827	3.3537	3.4567	3.8859	3.8777
Fr-219	0.0183	0.0186	0.0196	0.0190	0.0176	0.0182	0.0195	0.0191
Fr-220	0.2442	0.2223	0.2800	0.3043	0.2030	0.2007	0.2705	0.2969
Fr-221	0.2807	0.2826	0.2998	0.2950	0.2669	0.2736	0.2982	0.2955

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Fr-222	1.7084	1.6780	1.8607	1.8798	1.5633	1.5891	1.8320	1.8686
Fr-223	1.1105	1.0541	1.2193	1.2783	0.9816	0.9810	1.1877	1.2537
Fr-224	1.8904	1.9051	2.0292	1.9887	1.7895	1.8498	2.0256	1.9952
Fr-227	2.8881	2.8920	3.0914	3.0658	2.7282	2.8001	3.0734	3.0609
Ga-64	2.1954	2.2853	2.3297	2.1774	2.1546	2.2979	2.3939	2.2230
Ga-65	1.8007	1.7750	1.9513	1.9686	1.6852	1.7228	1.9386	1.9604
Ga-66	1.5859	1.5879	1.7382	1.7027	1.4891	1.5733	1.7716	1.7204
Ga-67	1.9505	1.8123	2.2245	2.3747	1.6994	1.7053	2.1799	2.3332
Ga-68	0.0972	0.0849	0.1175	0.1309	0.0777	0.0779	0.1149	0.1273
Ga-70	0.0172	0.0172	0.0188	0.0186	0.0162	0.0168	0.0189	0.0186
Ga-72	3.3602	3.5002	3.5652	3.3439	3.2974	3.5092	3.6422	3.3977
Ga-73	2.3033	2.1633	2.6299	2.7688	2.0192	2.0391	2.5839	2.7321
Ga-74	3.6845	3.8423	3.9087	3.6612	3.6167	3.8456	3.9928	3.7336
Gd-142	1.5393	1.5624	1.6309	1.5872	1.4845	1.5362	1.6362	1.5923
Gd-143m	4.1126	4.1930	4.3585	4.2168	3.9785	4.1293	4.3804	4.2383
Gd-144	0.9879	0.9891	1.0491	1.0371	0.9427	0.9700	1.0512	1.0346
Gd-145m	1.6517	1.6668	1.7891	1.7565	1.5652	1.6349	1.7938	1.7545
Gd-145	2.3673	2.4217	2.5106	2.4037	2.2955	2.4140	2.5570	2.4325
Gd-146	4.4122	4.3917	4.6484	4.6529	4.2145	4.2755	4.6105	4.6233
Gd-147	4.9114	5.0078	5.2015	5.0361	4.7516	4.9263	5.2212	5.0537
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	3.4971	3.5218	3.7022	3.6449	3.3586	3.4420	3.6902	3.6434
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	1.3300	1.2707	1.4405	1.5060	1.2131	1.2119	1.4147	1.4756
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	2.2509	2.2178	2.3739	2.4055	2.1340	2.1534	2.3491	2.3740
Gd-159	0.4445	0.4422	0.4724	0.4715	0.4229	0.4307	0.4694	0.4682
Gd-162	1.5649	1.5972	1.6724	1.6139	1.5082	1.5690	1.6784	1.6254
Ge-66	2.6363	2.5301	2.9349	3.0365	2.3799	2.4173	2.8984	3.0029
Ge-67	1.9986	2.0442	2.1157	2.0424	1.9410	2.0121	2.1223	2.0648
Ge-68	0.4140	0.2677	0.5838	0.7555	0.2290	0.1966	0.5446	0.7116
Ge-69	1.4456	1.3776	1.6466	1.7075	1.2796	1.3207	1.6380	1.6900
Ge-71	0.4199	0.2715	0.5921	0.7662	0.2323	0.1994	0.5524	0.7217
Ge-75	0.2175	0.2237	0.2296	0.2198	0.2122	0.2196	0.2304	0.2223
Ge-77	3.7416	3.8612	3.9594	3.7724	3.6527	3.8084	3.9860	3.8152
Ge-78	1.6286	1.6770	1.7231	1.6449	1.5902	1.6466	1.7287	1.6659
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	1.8437	1.8415	1.9781	1.9602	1.7542	1.7933	1.9689	1.9585
Hf-169	2.6356	2.6328	2.8228	2.8003	2.5045	2.5741	2.8194	2.7995
Hf-170	3.5984	3.5337	3.8918	3.9453	3.3613	3.4240	3.8620	3.9160

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Hf-172	2.6050	2.4394	2.8843	3.0705	2.3175	2.3083	2.8290	3.0006
Hf-173	4.4059	4.4026	4.6922	4.6618	4.2053	4.2944	4.6698	4.6570
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	2.7616	2.7397	2.9703	2.9686	2.6100	2.6639	2.9541	2.9552
Hf-177m	16.1575	16.2963	17.2676	16.9358	15.4766	15.9065	17.2329	16.9849
Hf-178m	11.6436	11.7996	12.4418	12.1365	11.1815	11.5537	12.4484	12.1957
Hf-179m	6.5431	6.5355	7.0289	6.9761	6.2068	6.3637	7.0036	6.9746
Hf-180m	5.9330	5.9931	6.3381	6.2012	5.6900	5.8600	6.3340	6.2218
Hf-181	2.8732	2.8963	3.0742	3.0177	2.7479	2.8345	3.0733	3.0329
Hf-182	1.7077	1.7362	1.8143	1.7628	1.6489	1.6983	1.8149	1.7751
Hf-182m	4.9822	4.9866	5.3482	5.2952	4.7346	4.8672	5.3388	5.2930
Hf-183	2.5711	2.6209	2.7275	2.6450	2.4906	2.5912	2.7456	2.6525
Hf-184	2.7820	2.6003	3.1481	3.3423	2.4436	2.4518	3.0873	3.2876
Hg-190	3.3716	3.2671	3.6822	3.7887	3.0947	3.1296	3.6377	3.7531
Hg-191m	5.7401	5.7299	6.2051	6.1614	5.4111	5.5760	6.1997	6.1587
Hg-192	3.3297	3.2180	3.6552	3.7653	3.0411	3.0755	3.6120	3.7251
Hg-193	3.4019	3.3291	3.7186	3.7748	3.1408	3.2129	3.6994	3.7469
Hg-193m	3.3518	3.3453	3.6240	3.5973	3.1589	3.2616	3.6255	3.5928
Hg-194	0.2406	0.1641	0.3302	0.4189	0.1379	0.1208	0.3075	0.3958
Hg-195	2.0136	1.8867	2.2586	2.3983	1.7727	1.7774	2.2194	2.3509
Hg-195m	2.1727	1.9795	2.5055	2.7186	1.8352	1.8263	2.4433	2.6567
Hg-197	1.8141	1.6818	2.0420	2.1925	1.5825	1.5755	2.0002	2.1432
Hg-197m	1.7437	1.6273	1.9670	2.0945	1.5231	1.5238	1.9254	2.0578
Hg-199m	2.4042	2.3332	2.6315	2.7015	2.2033	2.2328	2.5994	2.6795
Hg-203	1.5717	1.5987	1.6747	1.6249	1.5147	1.5613	1.6746	1.6369
Hg-205	0.0534	0.0539	0.0570	0.0560	0.0511	0.0524	0.0568	0.0561
Hg-206	0.7363	0.7450	0.7895	0.7703	0.7052	0.7263	0.7881	0.7743
Hg-207	4.2080	4.3350	4.4822	4.2581	4.0914	4.3037	4.5484	4.3175
Ho-150	2.2746	2.3519	2.4161	2.2992	2.2184	2.3408	2.4449	2.3157
Ho-153	2.6902	2.7278	2.8575	2.7838	2.5940	2.6769	2.8600	2.7922
Ho-153m	3.1197	3.1485	3.3119	3.2508	2.9970	3.0847	3.3081	3.2539
Ho-154m	6.6959	6.8791	7.1105	6.8043	6.5114	6.7880	7.1523	6.8697
Ho-154	3.4938	3.5875	3.7138	3.5539	3.3962	3.5414	3.7379	3.5874
Ho-155	2.5248	2.5045	2.6994	2.7031	2.3878	2.4371	2.6843	2.6882
Ho-156	4.8466	4.9380	5.1380	4.9740	4.6897	4.8671	5.1645	5.0068
Ho-157	3.8088	3.7886	4.0574	4.0512	3.6168	3.6905	4.0346	4.0291
Ho-159	4.2612	4.2410	4.5207	4.5165	4.0591	4.1328	4.4907	4.4938
Ho-160	4.8820	4.9545	5.2008	5.0694	4.6944	4.8822	5.2245	5.0733
Ho-161	1.4970	1.4206	1.6208	1.7085	1.3550	1.3472	1.5879	1.6661
Ho-162	1.3809	1.3307	1.4864	1.5394	1.2764	1.2832	1.4664	1.5119

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ho-162m	2.8134	2.7578	3.0435	3.0849	2.6224	2.6734	3.0225	3.0577
Ho-163	0.0068	0.0044	0.0095	0.0124	0.0037	0.0032	0.0089	0.0116
Ho-164	0.7615	0.7285	0.8212	0.8575	0.6996	0.6999	0.8079	0.8399
Ho-164m	1.3854	1.2608	1.5614	1.7033	1.1976	1.1807	1.5207	1.6532
Ho-166	0.3079	0.2887	0.3427	0.3642	0.2743	0.2748	0.3369	0.3568
Ho-166m	5.6118	5.7313	5.9762	5.7784	5.4240	5.6485	6.0028	5.8090
Ho-167	2.0625	2.0965	2.1994	2.1326	1.9902	2.0537	2.1988	2.1449
Ho-168	2.1214	2.1641	2.2705	2.1973	2.0431	2.1416	2.2882	2.2046
Ho-168m	0.2616	0.2204	0.3140	0.3619	0.2053	0.1978	0.3021	0.3478
Ho-170	4.8989	4.9856	5.2188	5.0610	4.7234	4.9165	5.2515	5.0841
I-118m	6.3536	6.6053	6.7442	6.3797	6.2101	6.5506	6.8193	6.4527
I-118	2.1678	2.2538	2.3014	2.1756	2.1185	2.2361	2.3285	2.2025
I-119	2.0797	2.1169	2.1952	2.1326	2.0033	2.0586	2.1916	2.1375
I-120	2.5963	2.6875	2.7536	2.6057	2.5304	2.6708	2.7975	2.6445
I-120m	5.4547	5.6659	5.7895	5.4777	5.3268	5.6189	5.8581	5.5471
I-121	2.3494	2.3725	2.4777	2.4325	2.2459	2.2906	2.4601	2.4221
I-122	0.4829	0.4904	0.5121	0.4995	0.4612	0.4767	0.5113	0.4983
I-123	2.2484	2.2546	2.3660	2.3492	2.1396	2.1696	2.3394	2.3371
I-124	1.9536	1.9943	2.0728	2.0078	1.8737	1.9476	2.0775	2.0079
I-125	1.2016	1.1444	1.2712	1.3405	1.0759	1.0453	1.2256	1.2850
I-126	1.4713	1.4998	1.5602	1.5145	1.4120	1.4612	1.5586	1.5115
I-128	0.2530	0.2582	0.2680	0.2589	0.2437	0.2523	0.2682	0.2599
I-129	0.6886	0.6600	0.7283	0.7593	0.6274	0.6134	0.7037	0.7311
I-130m	0.4340	0.4273	0.4701	0.4744	0.4013	0.4091	0.4648	0.4692
I-130	5.0254	5.2265	5.3336	5.0417	4.9184	5.1910	5.3934	5.1025
I-131	1.6522	1.7115	1.7307	1.6340	1.6135	1.6830	1.7543	1.6659
I-132	4.5057	4.6919	4.7833	4.5125	4.4135	4.6725	4.8480	4.5635
I-132m	1.2613	1.2608	1.3576	1.3499	1.1830	1.2183	1.3490	1.3403
I-133	1.5588	1.6180	1.6532	1.5632	1.5250	1.6052	1.6714	1.5887
I-134m	2.1654	2.1767	2.2870	2.2549	2.0638	2.0985	2.2668	2.2410
I-134	4.6554	4.8411	4.9365	4.6515	4.5624	4.8304	5.0160	4.7080
I-135	2.0361	2.1206	2.1596	2.0188	1.9991	2.1247	2.2065	2.0557
In-103	3.3696	3.4855	3.5639	3.3797	3.2910	3.4581	3.6094	3.4221
In-105	2.9662	3.0496	3.1313	3.0008	2.8797	3.0034	3.1526	3.0274
In-106	5.4697	5.6849	5.8021	5.4856	5.3445	5.6449	5.8784	5.5454
In-106m	2.4884	2.5918	2.6410	2.4866	2.4337	2.5816	2.6873	2.5247
In-107	2.6834	2.7430	2.8382	2.7345	2.5818	2.6834	2.8522	2.7505
In-108	7.1223	7.3684	7.5508	7.1723	6.9273	7.2908	7.6390	7.2396
In-108m	2.5676	2.6540	2.7233	2.5870	2.4890	2.6285	2.7668	2.6194
In-109	2.7539	2.7922	2.9066	2.8401	2.6264	2.7001	2.8956	2.8352

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
In-109m	1.4526	1.5130	1.5432	1.4630	1.4182	1.4968	1.5566	1.4755
In-110	6.4906	6.7071	6.8863	6.5665	6.2920	6.6220	6.9539	6.6064
In-110m	1.9175	1.9796	2.0359	1.9486	1.8524	1.9465	2.0503	1.9588
In-111	3.8264	3.8787	4.0269	3.9407	3.6635	3.7511	4.0056	3.9472
In-111m	1.3574	1.4030	1.4394	1.3707	1.3204	1.3840	1.4503	1.3887
In-112	0.2870	0.2800	0.3042	0.3131	0.2576	0.2583	0.2967	0.3048
In-112m	0.6632	0.6454	0.6989	0.7223	0.6015	0.5970	0.6816	0.7039
In-113m	1.1554	1.1775	1.2232	1.1857	1.1086	1.1446	1.2219	1.1861
In-114	0.0059	0.0059	0.0063	0.0063	0.0055	0.0056	0.0062	0.0062
In-114m	0.6647	0.6583	0.7043	0.7106	0.6160	0.6221	0.6937	0.6999
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	0.9862	0.9951	1.0469	1.0271	0.9357	0.9560	1.0389	1.0240
In-116m	3.2826	3.4172	3.4812	3.2567	3.2222	3.4232	3.5554	3.3133
In-117	3.1271	3.2219	3.2985	3.1606	3.0515	3.1739	3.3111	3.2008
In-117m	0.7539	0.7624	0.7969	0.7812	0.7201	0.7358	0.7913	0.7817
In-118m	4.1690	4.3440	4.4230	4.1455	4.0904	4.3434	4.5086	4.2078
In-118	0.1020	0.1063	0.1083	0.1011	0.1002	0.1067	0.1107	0.1029
In-119	1.6675	1.7136	1.7782	1.7069	1.6091	1.6946	1.7942	1.7119
In-119m	0.1824	0.1804	0.1963	0.1971	0.1682	0.1721	0.1950	0.1950
In-121	1.6941	1.7620	1.7952	1.6915	1.6604	1.7565	1.8253	1.7114
In-121m	0.5925	0.5843	0.6176	0.6280	0.5542	0.5535	0.6094	0.6134
Ir-180	4.1187	4.1403	4.4306	4.3668	3.9164	4.0458	4.4325	4.3710
Ir-182	3.9569	3.9557	4.2620	4.2249	3.7472	3.8563	4.2581	4.2246
Ir-183	3.9901	3.9179	4.3472	4.3950	3.7095	3.7987	4.3358	4.3678
Ir-184	5.9425	5.9569	6.3995	6.3181	5.6375	5.8233	6.4115	6.3242
Ir-185	3.6318	3.4625	4.0366	4.2067	3.2683	3.3092	3.9965	4.1494
Ir-186	5.7470	5.7624	6.1884	6.1088	5.4564	5.6309	6.1938	6.1164
Ir-186m	3.3327	3.3358	3.5961	3.5593	3.1550	3.2654	3.6058	3.5573
Ir-187	2.4661	2.3501	2.7335	2.8553	2.2233	2.2439	2.7027	2.8095
Ir-188	4.1189	4.1259	4.4409	4.3827	3.9042	4.0508	4.4701	4.3955
Ir-189	1.6771	1.5481	1.8924	2.0373	1.4630	1.4537	1.8563	1.9892
Ir-190	6.3923	6.4611	6.8548	6.7127	6.1098	6.3216	6.8621	6.7325
Ir-190m	0.2328	0.1521	0.3264	0.4208	0.1296	0.1118	0.3044	0.3966
Ir-190n	1.3617	1.2732	1.5168	1.6157	1.2087	1.2042	1.4917	1.5802
Ir-191m	1.6874	1.5542	1.9149	2.0640	1.4607	1.4530	1.8736	2.0190
Ir-192	3.6711	3.7672	3.9129	3.7473	3.5653	3.7005	3.9242	3.7902
Ir-192m	0.2653	0.1781	0.3670	0.4684	0.1505	0.1311	0.3420	0.4422
Ir-192n	0.5606	0.3800	0.7720	0.9819	0.3221	0.2821	0.7200	0.9275
Ir-193m	0.2365	0.1571	0.3290	0.4218	0.1345	0.1170	0.3073	0.3979
Ir-194	0.3369	0.3466	0.3589	0.3424	0.3279	0.3411	0.3605	0.3464

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ir-194m	7.7657	7.9997	8.2738	7.9025	7.5470	7.8858	8.3208	7.9905
Ir-195	1.3428	1.2520	1.5051	1.6066	1.1811	1.1781	1.4765	1.5724
Ir-195m	2.3501	2.3229	2.5543	2.5652	2.1948	2.2466	2.5397	2.5547
Ir-196	0.6761	0.6970	0.7193	0.6849	0.6587	0.6891	0.7248	0.6921
Ir-196m	8.2751	8.4867	8.8350	8.4870	8.0024	8.3529	8.8784	8.5616
K-38	1.4298	1.4944	1.5138	1.4006	1.4096	1.5161	1.5736	1.4448
K-40	0.1623	0.1680	0.1736	0.1628	0.1582	0.1685	0.1775	0.1661
K-42	0.2749	0.2869	0.2918	0.2706	0.2705	0.2888	0.2993	0.2772
K-43	2.9943	3.1071	3.1773	3.0118	2.9280	3.0695	3.2001	3.0453
K-44	2.2674	2.3649	2.4039	2.2394	2.2295	2.3798	2.4707	2.2883
K-45	2.8428	2.9443	3.0005	2.8330	2.7894	2.9331	3.0479	2.8861
K-46	2.2358	2.3324	2.3717	2.1999	2.2007	2.3566	2.4459	2.2556
Kr-74	2.4404	2.4272	2.6297	2.6236	2.2916	2.3434	2.6101	2.6191
Kr-75	2.2233	2.2434	2.3660	2.3234	2.1248	2.1847	2.3566	2.3366
Kr-76	2.7587	2.6749	3.0554	3.1177	2.4817	2.5248	3.0070	3.0955
Kr-77	2.3811	2.4062	2.5265	2.4779	2.2842	2.3441	2.5145	2.4938
Kr-79	1.1395	1.0500	1.3149	1.4053	0.9487	0.9518	1.2767	1.3787
Kr-81	0.4656	0.3499	0.6051	0.7343	0.2854	0.2593	0.5614	0.6988
Kr-81m	1.3810	1.3848	1.4818	1.4622	1.3000	1.3313	1.4688	1.4646
Kr-83m	0.2047	0.1510	0.2690	0.3296	0.1238	0.1115	0.2496	0.3131
Kr-85	0.0064	0.0066	0.0068	0.0064	0.0062	0.0066	0.0068	0.0065
Kr-85m	1.6282	1.6599	1.7199	1.6687	1.5762	1.6227	1.7155	1.6861
Kr-87	1.2137	1.2590	1.2858	1.2117	1.1889	1.2537	1.3065	1.2306
Kr-88	2.1593	2.2293	2.2940	2.1682	2.0991	2.2190	2.3389	2.2078
Kr-89	2.6338	2.7355	2.7914	2.6259	2.5807	2.7287	2.8420	2.6719
La-128	4.8692	5.0345	5.1629	4.8987	4.7541	4.9819	5.2130	4.9605
La-129	1.9799	2.0068	2.0945	2.0405	1.9070	1.9574	2.0859	2.0408
La-130	3.4841	3.5949	3.6983	3.5153	3.3955	3.5549	3.7306	3.5538
La-131	2.5170	2.5388	2.6639	2.6109	2.4141	2.4693	2.6456	2.6014
La-132	3.0661	3.1495	3.2529	3.1088	2.9754	3.1116	3.2810	3.1385
La-132m	2.7664	2.8046	2.9348	2.8625	2.6610	2.7422	2.9289	2.8677
La-133	0.9470	0.8972	1.0346	1.0846	0.8492	0.8393	1.0035	1.0522
La-134	0.3768	0.3694	0.4014	0.4064	0.3511	0.3523	0.3931	0.3974
La-135	0.7440	0.7121	0.7938	0.8246	0.6800	0.6674	0.7670	0.7961
La-136	0.5126	0.4933	0.5467	0.5647	0.4706	0.4645	0.5301	0.5465
La-137	0.6924	0.6598	0.7397	0.7720	0.6302	0.6165	0.7133	0.7438
La-138	1.8746	1.9178	1.9955	1.9099	1.8116	1.9008	2.0161	1.9206
La-140	3.2213	3.3478	3.4179	3.2046	3.1592	3.3452	3.4802	3.2658
La-141	0.0287	0.0300	0.0305	0.0283	0.0282	0.0302	0.0313	0.0289
La-142	2.2800	2.3794	2.4179	2.2585	2.2404	2.3891	2.4798	2.3070

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
La-143	0.3289	0.3430	0.3490	0.3267	0.3229	0.3434	0.3564	0.3326
Lu-165	3.8811	3.8749	4.1444	4.1166	3.6933	3.7897	4.1366	4.1074
Lu-167	4.2303	4.2262	4.5409	4.4958	4.0096	4.1365	4.5476	4.4910
Lu-169m	0.1699	0.1098	0.2397	0.3103	0.0939	0.0806	0.2237	0.2923
Lu-169	3.9687	3.9639	4.2546	4.2169	3.7687	3.8868	4.2610	4.2084
Lu-170	3.8688	3.8949	4.1509	4.0604	3.6928	3.8516	4.1953	4.0793
Lu-171m	0.1852	0.1220	0.2587	0.3328	0.1052	0.0913	0.2418	0.3138
Lu-171	3.4928	3.3717	3.8285	3.9497	3.1890	3.2437	3.7877	3.8908
Lu-172	5.4550	5.4804	5.8577	5.7667	5.1933	5.3838	5.8792	5.7665
Lu-172m	0.1528	0.0987	0.2155	0.2790	0.0845	0.0725	0.2011	0.2628
Lu-173	2.9459	2.8672	3.1681	3.2451	2.7475	2.7750	3.1358	3.2030
Lu-174	1.4232	1.3487	1.5612	1.6417	1.2888	1.2922	1.5379	1.6091
Lu-174m	1.6003	1.4443	1.8263	2.0041	1.3665	1.3472	1.7807	1.9461
Lu-176	3.8194	3.8365	4.1029	4.0403	3.6396	3.7335	4.0875	4.0482
Lu-176m	0.3662	0.3340	0.4174	0.4542	0.3154	0.3130	0.4079	0.4427
Lu-177	0.4186	0.4171	0.4487	0.4471	0.3969	0.4053	0.4462	0.4462
Lu-177m	8.3512	8.3946	8.9099	8.7818	7.9869	8.1905	8.8848	8.7908
Lu-178	0.3787	0.3673	0.4172	0.4265	0.3472	0.3556	0.4152	0.4229
Lu-178m	6.9538	7.0353	7.4121	7.2447	6.6869	6.8851	7.4067	7.2686
Lu-179	0.2447	0.2501	0.2583	0.2495	0.2377	0.2450	0.2585	0.2512
Lu-180	3.4676	3.5347	3.7081	3.5770	3.3420	3.4898	3.7393	3.6035
Lu-181	2.6822	2.6481	2.9239	2.9421	2.5003	2.5684	2.9092	2.9268
Mg-27	1.5598	1.6231	1.6540	1.5569	1.5296	1.6222	1.6833	1.5744
Mg-28	2.6022	2.6758	2.7445	2.6152	2.5300	2.6413	2.7664	2.6271
Mn-50m	5.1130	5.3266	5.4262	5.0831	5.0182	5.3364	5.5353	5.1601
Mn-51	0.0120	0.0109	0.0141	0.0153	0.0100	0.0102	0.0139	0.0149
Mn-52	4.6737	4.8310	4.9934	4.7285	4.5452	4.8200	5.0788	4.7857
Mn-52m	1.5013	1.5653	1.5946	1.4819	1.4754	1.5747	1.6343	1.5145
Mn-53	0.1372	0.0886	0.1936	0.2508	0.0758	0.0650	0.1807	0.2362
Mn-54	1.6704	1.6829	1.8206	1.7845	1.5786	1.6598	1.8346	1.7848
Mn-56	2.1529	2.2424	2.2831	2.1402	2.1138	2.2506	2.3341	2.1738
Mn-57	0.7063	0.6444	0.8182	0.8854	0.5915	0.5906	0.7952	0.8669
Mn-58m	3.4141	3.5533	3.6228	3.3967	3.3502	3.5609	3.6944	3.4487
Mo-101	2.6987	2.7785	2.8766	2.7427	2.6162	2.7521	2.9111	2.7754
Mo-102	0.1758	0.1802	0.1848	0.1781	0.1712	0.1764	0.1847	0.1797
Mo-89	0.3367	0.3486	0.3586	0.3394	0.3263	0.3453	0.3636	0.3434
Mo-90	3.8465	3.8677	4.0990	4.0368	3.6019	3.6811	4.0472	4.0402
Mo-91m	1.4553	1.5127	1.5482	1.4592	1.4179	1.5021	1.5700	1.4787
Mo-91	0.0477	0.0451	0.0529	0.0554	0.0391	0.0386	0.0503	0.0543
Mo-93	0.5253	0.4752	0.5926	0.6481	0.3952	0.3737	0.5454	0.6241

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Mo-93m	4.1336	4.2745	4.3924	4.1642	4.0123	4.2247	4.4396	4.2161
Mo-99	0.5039	0.5174	0.5331	0.5123	0.4875	0.5083	0.5347	0.5154
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	0.9730	1.0129	1.0252	0.9455	0.9639	1.0482	1.0872	0.9869
Na-22	1.5208	1.5858	1.6152	1.5030	1.4946	1.5952	1.6541	1.5312
Na-24	2.8989	3.0259	3.0737	2.8454	2.8558	3.0633	3.1793	2.9271
Nb-87	2.6207	2.6426	2.7895	2.7381	2.4714	2.5236	2.7558	2.7415
Nb-88m	5.5362	5.7526	5.8721	5.5315	5.4171	5.7235	5.9641	5.6088
Nb-88	6.8437	7.0579	7.2768	6.9293	6.6211	6.9509	7.3454	7.0010
Nb-89	0.6078	0.6143	0.6556	0.6351	0.5653	0.5918	0.6587	0.6413
Nb-89m	1.4272	1.4641	1.5223	1.4593	1.3698	1.4313	1.5274	1.4780
Nb-90	4.7770	4.8993	5.0826	4.8546	4.5900	4.8195	5.1430	4.9237
Nb-91	0.5295	0.4725	0.6074	0.6700	0.3876	0.3632	0.5569	0.6452
Nb-91m	0.4864	0.4447	0.5468	0.5922	0.3745	0.3584	0.5074	0.5724
Nb-92	3.5640	3.6326	3.8242	3.6999	3.3646	3.5109	3.8219	3.7175
Nb-92m	2.1221	2.1304	2.2957	2.2574	1.9491	2.0187	2.2767	2.2522
Nb-93m	0.1032	0.0909	0.1192	0.1330	0.0758	0.0712	0.1098	0.1277
Nb-94m	0.3673	0.3324	0.4148	0.4534	0.2775	0.2632	0.3827	0.4369
Nb-94	3.0309	3.1561	3.2171	3.0341	2.9698	3.1477	3.2644	3.0647
Nb-95	1.5185	1.5797	1.6123	1.5219	1.4877	1.5781	1.6356	1.5354
Nb-95m	0.8063	0.7859	0.8753	0.8924	0.7086	0.7091	0.8451	0.8812
Nb-96	4.8352	5.0269	5.1296	4.8363	4.7367	5.0107	5.2048	4.8965
Nb-97	1.5205	1.5868	1.6155	1.5266	1.4884	1.5742	1.6321	1.5418
Nb-98m	4.7461	4.9379	5.0378	4.7426	4.6511	4.9327	5.1200	4.8012
Nb-99	2.6564	2.6830	2.7979	2.7496	2.5328	2.5888	2.7701	2.7556
Nb-99m	1.0314	1.0642	1.0930	1.0372	1.0020	1.0546	1.1088	1.0530
Nd-134	2.8503	2.8786	3.0052	2.9490	2.7454	2.8068	2.9894	2.9494
Nd-135	3.2580	3.2883	3.4533	3.3862	3.1262	3.2076	3.4423	3.3844
Nd-136	2.3345	2.3087	2.4714	2.4883	2.2079	2.2314	2.4414	2.4568
Nd-137	2.8172	2.8461	2.9821	2.9200	2.7060	2.7867	2.9807	2.9122
Nd-138	0.8651	0.8365	0.9181	0.9472	0.8023	0.7960	0.8972	0.9228
Nd-139	0.9446	0.9345	1.0017	1.0059	0.8913	0.9027	0.9905	0.9912
Nd-139m	4.4611	4.5447	4.7208	4.5766	4.3111	4.4751	4.7377	4.5791
Nd-140	0.7618	0.7309	0.8090	0.8420	0.7018	0.6927	0.7884	0.8171
Nd-141	0.7895	0.7605	0.8378	0.8679	0.7298	0.7228	0.8180	0.8437
Nd-141m	1.4564	1.5102	1.5464	1.4666	1.4231	1.5050	1.5657	1.4771
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	1.2327	1.2350	1.2974	1.2883	1.1828	1.2054	1.2904	1.2804
Nd-149	2.4498	2.4968	2.5844	2.5069	2.3758	2.4473	2.5837	2.5184
Nd-151	2.8946	2.9715	3.0513	2.9296	2.8232	2.9351	3.0691	2.9535

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Nd-152	1.0634	1.0720	1.1385	1.1169	1.0108	1.0379	1.1334	1.1207
Ne-19	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Ne-24	1.5903	1.6470	1.6851	1.5957	1.5553	1.6320	1.7019	1.6213
Ni-56	5.4177	5.5069	5.8087	5.6446	5.2011	5.4203	5.8330	5.6838
Ni-57	1.9306	1.9551	2.0917	2.0238	1.8394	1.9383	2.1212	2.0456
Ni-59	0.2379	0.1535	0.3357	0.4348	0.1314	0.1128	0.3133	0.4095
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.6877	0.7165	0.7297	0.6806	0.6755	0.7182	0.7457	0.6939
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	4.9582	4.9379	5.3678	5.3354	4.6076	4.7415	5.3242	5.3210
Np-233	1.6921	1.6418	1.8417	1.8891	1.5296	1.5444	1.8033	1.8677
Np-234	2.8253	2.7833	3.0795	3.0907	2.5841	2.6574	3.0517	3.0790
Np-235	0.4092	0.3302	0.5056	0.5949	0.2756	0.2552	0.4693	0.5678
Np-236	3.3222	3.1181	3.7098	3.9255	2.8397	2.8276	3.5838	3.8505
Np-236m	0.9254	0.8890	1.0148	1.0513	0.8229	0.8278	0.9897	1.0362
Np-237	1.0500	0.9435	1.2039	1.3218	0.8409	0.8179	1.1460	1.2797
Np-238	1.2876	1.2695	1.4119	1.4158	1.1663	1.2055	1.4016	1.4071
Np-239	2.5782	2.5030	2.8142	2.8824	2.3304	2.3556	2.7580	2.8527
Np-240	3.9123	3.8569	4.2675	4.2928	3.5637	3.6578	4.2145	4.2669
Np-240m	1.0486	1.0266	1.1547	1.1696	0.9402	0.9651	1.1369	1.1608
Np-241	0.6459	0.6267	0.7033	0.7212	0.5826	0.5882	0.6880	0.7133
Np-242	0.4114	0.4178	0.4436	0.4295	0.3890	0.4091	0.4468	0.4319
Np-242m	3.2703	3.1943	3.5899	3.6453	2.9372	3.0085	3.5349	3.6098
O-14	1.4080	1.4715	1.4909	1.3777	1.3887	1.4946	1.5511	1.4231
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	2.6252	2.7111	2.7689	2.6290	2.5708	2.6815	2.7921	2.6620
Os-180	1.8564	1.7161	2.0908	2.2482	1.6161	1.6087	2.0482	2.1937
Os-181	4.9553	4.9244	5.3516	5.3408	4.6688	4.8034	5.3523	5.3233
Os-182	3.2230	3.1438	3.5212	3.5897	2.9783	3.0314	3.4944	3.5641
Os-183	4.5966	4.5251	4.9732	5.0211	4.3027	4.3860	4.9471	4.9848
Os-183m	2.6906	2.6680	2.9172	2.9137	2.5256	2.6068	2.9259	2.9019
Os-185	2.6668	2.6522	2.8917	2.8933	2.5045	2.5825	2.8870	2.8762
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	0.2230	0.1452	0.3133	0.4044	0.1239	0.1067	0.2922	0.3811
Os-190m	6.2821	6.3640	6.7651	6.6014	5.9966	6.2240	6.7709	6.6385
Os-191	1.8183	1.6889	2.0494	2.1934	1.5909	1.5864	2.0089	2.1490
Os-191m	0.3518	0.2712	0.4509	0.5448	0.2446	0.2283	0.4290	0.5196
Os-193	0.5929	0.5708	0.6547	0.6766	0.5389	0.5459	0.6472	0.6692
Os-194	0.2542	0.1884	0.3322	0.4088	0.1666	0.1524	0.3131	0.3881
Os-196	0.6260	0.6222	0.6739	0.6735	0.5908	0.6040	0.6711	0.6713

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
P-30	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0012	0.0011
P-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pa-227	0.6061	0.5579	0.6859	0.7384	0.5078	0.5015	0.6614	0.7205
Pa-228	5.0369	4.9563	5.5043	5.5423	4.6000	4.7180	5.4442	5.5121
Pa-229	1.4462	1.3796	1.5954	1.6645	1.2769	1.2811	1.5547	1.6383
Pa-230	2.8587	2.8001	3.1269	3.1671	2.5959	2.6549	3.0859	3.1429
Pa-231	0.9057	0.7746	1.0835	1.2295	0.6755	0.6460	1.0235	1.1840
Pa-232	2.6486	2.6396	2.8802	2.8585	2.4470	2.5324	2.8642	2.8530
Pa-233	2.1244	2.0591	2.3383	2.3920	1.9051	1.9271	2.2891	2.3695
Pa-234	5.1245	5.0889	5.5636	5.5500	4.7294	4.8713	5.5168	5.5309
Pa-234m	0.0417	0.0416	0.0453	0.0449	0.0387	0.0401	0.0451	0.0448
Pa-235	0.0804	0.0520	0.1134	0.1467	0.0445	0.0382	0.1058	0.1381
Pa-236	1.8706	1.8734	2.0348	2.0088	1.7340	1.8042	2.0291	2.0090
Pa-237	1.3528	1.3822	1.4545	1.4024	1.2987	1.3654	1.4674	1.4121
Pb-194	4.1023	4.0858	4.4301	4.4122	3.8583	3.9713	4.4221	4.4038
Pb-195m	5.7733	5.7584	6.2666	6.2236	5.4114	5.5880	6.2516	6.2108
Pb-196	3.6483	3.6038	3.9476	3.9738	3.4072	3.4805	3.9232	3.9565
Pb-197	3.9144	3.9353	4.2139	4.1434	3.7148	3.8529	4.2286	4.1489
Pb-197m	5.0370	5.0139	5.4594	5.4376	4.7199	4.8594	5.4405	5.4234
Pb-198	3.5271	3.4802	3.8234	3.8520	3.2892	3.3564	3.7952	3.8329
Pb-199	3.2793	3.2736	3.5419	3.5136	3.0910	3.1888	3.5415	3.5102
Pb-200	3.0851	2.9897	3.3715	3.4682	2.8230	2.8561	3.3287	3.4340
Pb-201	3.7488	3.7399	4.0510	4.0238	3.5337	3.6315	4.0380	4.0184
Pb-201m	1.3991	1.4039	1.5138	1.5015	1.3168	1.3634	1.5096	1.4976
Pb-202	0.2295	0.1541	0.3175	0.4052	0.1301	0.1133	0.2958	0.3825
Pb-202m	4.8165	4.9451	5.1436	4.9312	4.6536	4.8828	5.1892	4.9686
Pb-203	2.9983	2.9567	3.2484	3.2747	2.7964	2.8488	3.2235	3.2589
Pb-204m	4.5075	4.6617	4.7896	4.5442	4.3965	4.6276	4.8495	4.5893
Pb-205	0.2323	0.1560	0.3214	0.4101	0.1317	0.1147	0.2994	0.3871
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	0.3044	0.2347	0.3887	0.4677	0.2005	0.1850	0.3639	0.4457
Pb-211	0.1810	0.1857	0.1929	0.1851	0.1751	0.1833	0.1943	0.1863
Pb-212	1.4765	1.4706	1.5856	1.5821	1.3904	1.4205	1.5757	1.5790
Pb-214	1.5890	1.5921	1.7138	1.6923	1.5013	1.5422	1.7057	1.6945
Pd-100	2.7707	2.7383	2.9019	2.9359	2.5647	2.5925	2.8484	2.8913
Pd-101	1.8534	1.8145	1.9717	2.0056	1.6571	1.6803	1.9217	1.9701
Pd-103	0.5604	0.5226	0.5982	0.6420	0.4622	0.4546	0.5669	0.6166
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.2278	1.2426	1.2933	1.2663	1.1707	1.1989	1.2832	1.2667

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Pd-109	0.3328	0.3143	0.3554	0.3783	0.2866	0.2818	0.3419	0.3647
Pd-111	0.1089	0.1125	0.1153	0.1097	0.1061	0.1113	0.1164	0.1108
Pd-112	0.2304	0.2087	0.2562	0.2808	0.1788	0.1723	0.2391	0.2697
Pd-114	0.2237	0.2292	0.2350	0.2265	0.2179	0.2246	0.2350	0.2285
Pd-96	3.4751	3.5497	3.6719	3.5494	3.3368	3.4730	3.6771	3.5645
Pd-97	3.1028	3.1967	3.2865	3.1273	3.0081	3.1567	3.3230	3.1666
Pd-98	2.6692	2.6785	2.8093	2.7830	2.5097	2.5707	2.7779	2.7665
Pd-99	2.8394	2.8933	2.9942	2.9028	2.7257	2.8225	2.9929	2.9189
Pm-136	4.6609	4.8277	4.9460	4.6904	4.5550	4.7847	4.9935	4.7384
Pm-137m	5.0495	5.1520	5.3314	5.1603	4.8965	5.0601	5.3389	5.1854
Pm-139	0.8297	0.8382	0.8790	0.8601	0.7967	0.8205	0.8786	0.8584
Pm-140m	4.9868	5.1570	5.2867	5.0178	4.8682	5.1226	5.3526	5.0641
Pm-140	0.3350	0.3413	0.3552	0.3439	0.3234	0.3366	0.3572	0.3446
Pm-141	0.6712	0.6667	0.7118	0.7106	0.6359	0.6484	0.7081	0.7031
Pm-142	0.2510	0.2466	0.2662	0.2693	0.2358	0.2382	0.2634	0.2652
Pm-143	1.3741	1.3671	1.4588	1.4581	1.3018	1.3287	1.4482	1.4394
Pm-144	4.4940	4.6161	4.7713	4.5918	4.3543	4.5486	4.7924	4.6096
Pm-145	0.8233	0.7896	0.8765	0.9136	0.7585	0.7510	0.8569	0.8887
Pm-146	2.3866	2.4361	2.5316	2.4484	2.3063	2.3983	2.5403	2.4548
Pm-147	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Pm-148	0.8818	0.9180	0.9355	0.8776	0.8648	0.9168	0.9521	0.8929
Pm-148m	5.0322	5.2256	5.3402	5.0614	4.9191	5.1774	5.3923	5.1204
Pm-149	0.0614	0.0626	0.0655	0.0633	0.0593	0.0612	0.0656	0.0639
Pm-150	2.8058	2.9092	2.9797	2.8084	2.7476	2.8926	3.0198	2.8499
Pm-151	1.9123	1.9452	2.0230	1.9662	1.8502	1.9067	2.0227	1.9739
Pm-152m	4.5726	4.6927	4.8336	4.6355	4.4516	4.6315	4.8665	4.6782
Pm-152	0.8167	0.8349	0.8633	0.8334	0.7929	0.8246	0.8687	0.8384
Pm-153	1.1017	1.0984	1.1669	1.1646	1.0494	1.0662	1.1567	1.1586
Pm-154	2.4742	2.5418	2.6279	2.5086	2.4044	2.5319	2.6730	2.5372
Pm-154m	4.2576	4.3624	4.5102	4.3307	4.1367	4.3139	4.5481	4.3690
Po-203	4.3482	4.3598	4.6879	4.6271	4.1022	4.2510	4.6955	4.6274
Po-204	5.8492	5.7207	6.4019	6.5072	5.3687	5.4876	6.3478	6.4579
Po-205	4.1727	4.1916	4.4947	4.4289	3.9465	4.0968	4.5070	4.4292
Po-206	4.8233	4.7540	5.2709	5.3039	4.4520	4.5740	5.2381	5.2814
Po-207	3.7835	3.8018	4.0733	4.0151	3.5795	3.7111	4.0815	4.0140
Po-208	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-209	0.0392	0.0352	0.0459	0.0503	0.0326	0.0325	0.0448	0.0491
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-211	0.0173	0.0179	0.0183	0.0173	0.0169	0.0178	0.0186	0.0176
Po-212m	0.0667	0.0695	0.0708	0.0661	0.0655	0.0699	0.0727	0.0678

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Po-212	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-214	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Po-215	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0007	0.0006
Po-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-134	6.3881	6.6035	6.7726	6.4385	6.2346	6.5290	6.8288	6.5022
Pr-134m	2.8557	2.9509	3.0256	2.8697	2.7875	2.9265	3.0625	2.9049
Pr-135	2.0133	2.0242	2.1299	2.0982	1.9279	1.9683	2.1164	2.0875
Pr-136	3.1601	3.2594	3.3519	3.1923	3.0758	3.2271	3.3863	3.2300
Pr-137	0.7423	0.7254	0.7880	0.8020	0.6929	0.6941	0.7735	0.7847
Pr-138	0.2542	0.2491	0.2700	0.2740	0.2377	0.2390	0.2655	0.2682
Pr-138m	5.3897	5.5396	5.7202	5.4689	5.2382	5.4762	5.7667	5.5037
Pr-139	0.7162	0.6886	0.7608	0.7889	0.6600	0.6516	0.7404	0.7651
Pr-140	0.3814	0.3666	0.4051	0.4201	0.3514	0.3468	0.3942	0.4074
Pr-142	0.0546	0.0570	0.0579	0.0537	0.0537	0.0574	0.0595	0.0550
Pr-142m	0.0108	0.0070	0.0152	0.0197	0.0060	0.0051	0.0142	0.0186
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0347	0.0362	0.0369	0.0345	0.0341	0.0363	0.0377	0.0352
Pr-144m	0.3435	0.3168	0.3792	0.4092	0.3014	0.2947	0.3673	0.3951
Pr-145	0.0459	0.0470	0.0486	0.0468	0.0445	0.0465	0.0490	0.0469
Pr-146	1.6223	1.6855	1.7202	1.6175	1.5901	1.6812	1.7487	1.6451
Pr-147	2.4630	2.4707	2.6062	2.5783	2.3562	2.4089	2.5939	2.5637
Pr-148	2.1149	2.1900	2.2450	2.1219	2.0696	2.1714	2.2705	2.1530
Pr-148m	3.1256	3.2302	3.3173	3.1506	3.0538	3.1882	3.3387	3.1906
Pt-184	6.5381	6.3548	7.1493	7.3247	6.0188	6.1092	7.0843	7.2539
Pt-186	3.3843	3.3344	3.6830	3.7211	3.1513	3.2297	3.6666	3.6920
Pt-187	4.0439	3.9325	4.4192	4.5229	3.7265	3.7861	4.3843	4.4761
Pt-188	2.7747	2.6642	3.0532	3.1669	2.5238	2.5450	3.0162	3.1237
Pt-189	3.6868	3.5590	4.0503	4.1794	3.3688	3.4142	4.0116	4.1271
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	3.2524	3.1243	3.5740	3.7072	2.9631	2.9904	3.5350	3.6551
Pt-193	0.2424	0.1612	0.3370	0.4315	0.1365	0.1185	0.3140	0.4071
Pt-193m	0.4924	0.3977	0.6131	0.7228	0.3613	0.3434	0.5862	0.6928
Pt-195m	2.0236	1.8159	2.3380	2.5747	1.6968	1.6726	2.2754	2.5028
Pt-197	0.5774	0.5200	0.6683	0.7337	0.4828	0.4773	0.6496	0.7146
Pt-197m	1.3600	1.2219	1.5769	1.7317	1.1365	1.1226	1.5346	1.6855
Pt-199	0.7871	0.7977	0.8452	0.8241	0.7525	0.7807	0.8466	0.8292
Pt-200	1.0520	0.9846	1.1810	1.2556	0.9252	0.9257	1.1583	1.2320
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Pu-232	1.2555	1.2184	1.3653	1.4005	1.1348	1.1455	1.3361	1.3844
Pu-234	1.4087	1.3588	1.5392	1.5882	1.2615	1.2705	1.5030	1.5675
Pu-235	1.8525	1.7746	2.0344	2.1130	1.6414	1.6487	1.9818	2.0812
Pu-236	0.1271	0.1050	0.1542	0.1791	0.0874	0.0815	0.1430	0.1712
Pu-237	1.2377	1.1618	1.3797	1.4604	1.0636	1.0593	1.3351	1.4310
Pu-238	0.1172	0.0967	0.1423	0.1653	0.0804	0.0749	0.1319	0.1580
Pu-239	0.0658	0.0515	0.0829	0.0992	0.0432	0.0397	0.0770	0.0944
Pu-240	0.1103	0.0910	0.1338	0.1555	0.0757	0.0705	0.1241	0.1486
Pu-241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pu-242	0.0946	0.0781	0.1148	0.1334	0.0650	0.0605	0.1064	0.1275
Pu-243	0.5246	0.5092	0.5676	0.5841	0.4766	0.4801	0.5566	0.5760
Pu-244	0.1103	0.0977	0.1289	0.1424	0.0851	0.0830	0.1224	0.1380
Pu-245	1.7312	1.7532	1.8525	1.8065	1.6481	1.7040	1.8474	1.8132
Pu-246	2.1525	2.1076	2.3202	2.3580	1.9719	1.9933	2.2775	2.3347
Ra-219	1.1409	1.1496	1.2263	1.2022	1.0853	1.1153	1.2204	1.2067
Ra-220	0.0152	0.0157	0.0162	0.0154	0.0149	0.0155	0.0163	0.0156
Ra-221	0.7172	0.6702	0.8085	0.8587	0.6160	0.6151	0.7853	0.8439
Ra-222	0.0485	0.0497	0.0518	0.0496	0.0470	0.0486	0.0518	0.0501
Ra-223	1.7101	1.6713	1.8626	1.8971	1.5714	1.5952	1.8379	1.8832
Ra-224	0.0794	0.0807	0.0844	0.0821	0.0762	0.0785	0.0843	0.0826
Ra-225	0.4413	0.4087	0.4859	0.5223	0.3786	0.3706	0.4682	0.5064
Ra-226	1.5858	1.6439	1.6508	1.5468	1.5555	1.6350	1.7611	1.5819
Ra-227	1.3949	1.2989	1.5790	1.6789	1.1812	1.1759	1.5283	1.6441
Ra-228	1.5983	1.6649	1.6780	1.5682	1.5673	1.6365	1.7551	1.6027
Ra-230	0.8419	0.8213	0.9172	0.9352	0.7697	0.7806	0.9039	0.9271
Rb-77	2.2673	2.3086	2.3957	2.3259	2.1898	2.2637	2.4037	2.3343
Rb-78m	3.7935	3.9381	4.0237	3.7939	3.7118	3.9221	4.0870	3.8532
Rb-78	2.8331	2.9342	3.0121	2.8341	2.7643	2.9352	3.0844	2.8970
Rb-79	2.7477	2.7752	2.9479	2.8866	2.6022	2.6903	2.9368	2.9007
Rb-80	0.4455	0.4629	0.4748	0.4510	0.4334	0.4572	0.4786	0.4553
Rb-81	0.9877	0.9387	1.1147	1.1565	0.8473	0.8613	1.0885	1.1433
Rb-81m	0.4704	0.4091	0.5553	0.6195	0.3442	0.3309	0.5208	0.5989
Rb-82	0.2685	0.2739	0.2893	0.2792	0.2556	0.2694	0.2913	0.2802
Rb-82m	5.4063	5.5347	5.8099	5.5840	5.1694	5.4419	5.8541	5.6242
Rb-83	1.8277	1.7751	2.0358	2.0714	1.6198	1.6635	2.0041	2.0619
Rb-84	1.4107	1.3865	1.5602	1.5664	1.2701	1.3188	1.5496	1.5571
Rb-84m	2.1979	2.2329	2.3435	2.2758	2.0970	2.1647	2.3385	2.2917
Rb-86m	1.4673	1.5236	1.5582	1.4760	1.4328	1.5080	1.5726	1.4979
Rb-86	0.1354	0.1411	0.1435	0.1344	0.1329	0.1411	0.1466	0.1364
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Rb-88	0.5998	0.6258	0.6357	0.5921	0.5900	0.6303	0.6539	0.6055
Rb-89	2.5817	2.6918	2.7374	2.5567	2.5362	2.7005	2.8039	2.6045
Rb-90	1.3682	1.4250	1.4495	1.3524	1.3461	1.4404	1.4965	1.3843
Rb-90m	3.1514	3.2804	3.3433	3.1283	3.0933	3.2988	3.4291	3.1878
Re-178	3.5277	3.4975	3.8170	3.8144	3.3156	3.4123	3.8210	3.8075
Re-179	4.3661	4.3538	4.7090	4.6763	4.1283	4.2463	4.7054	4.6725
Re-180	3.6374	3.5917	3.9519	3.9722	3.4010	3.5021	3.9506	3.9464
Re-181	4.2253	4.1638	4.5900	4.6242	3.9478	4.0384	4.5698	4.5949
Re-182	8.4618	8.3938	9.1270	9.1271	7.9730	8.1713	9.1074	9.0979
Re-182m	4.2236	4.1651	4.5682	4.5974	3.9596	4.0604	4.5661	4.5688
Re-183	2.9918	2.8230	3.3193	3.5041	2.6813	2.6851	3.2670	3.4402
Re-184	3.2664	3.2286	3.5423	3.5587	3.0598	3.1491	3.5395	3.5344
Re-184m	2.9166	2.8018	3.2200	3.3349	2.6522	2.6859	3.1857	3.2924
Re-186	0.3591	0.3473	0.3922	0.4042	0.3301	0.3335	0.3877	0.4002
Re-186m	0.9187	0.7097	1.1738	1.4171	0.6416	0.5991	1.1161	1.3512
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	0.4476	0.4469	0.4811	0.4789	0.4240	0.4348	0.4791	0.4797
Re-188m	1.7806	1.6295	2.0218	2.1929	1.5402	1.5270	1.9795	2.1378
Re-189	0.5023	0.4944	0.5468	0.5519	0.4673	0.4765	0.5426	0.5496
Re-190	4.7109	4.8445	5.0040	4.7949	4.5781	4.7746	5.0316	4.8380
Re-190m	3.9311	3.9649	4.2247	4.1465	3.7482	3.8771	4.2267	4.1567
Rh-100m	0.9484	0.9019	1.0089	1.0612	0.8162	0.8110	0.9683	1.0272
Rh-100	4.0634	4.1678	4.3205	4.1322	3.8930	4.0943	4.3610	4.1767
Rh-101	3.3862	3.4128	3.5750	3.5157	3.2040	3.2756	3.5355	3.5142
Rh-101m	1.9735	1.9757	2.1073	2.0813	1.8331	1.8736	2.0756	2.0756
Rh-102	1.2716	1.2794	1.3553	1.3324	1.1836	1.2226	1.3430	1.3312
Rh-102m	5.3187	5.4674	5.6541	5.4196	5.1108	5.3585	5.6806	5.4555
Rh-103m	0.0763	0.0665	0.0869	0.0983	0.0586	0.0565	0.0821	0.0939
Rh-104	0.0342	0.0352	0.0363	0.0347	0.0330	0.0346	0.0365	0.0351
Rh-104m	1.1940	1.1640	1.2487	1.2800	1.0870	1.0909	1.2167	1.2513
Rh-105	0.4005	0.4125	0.4262	0.4054	0.3907	0.4049	0.4269	0.4109
Rh-106	0.5103	0.5303	0.5413	0.5117	0.4993	0.5259	0.5472	0.5197
Rh-106m	5.6648	5.8863	6.0074	5.6636	5.5483	5.8591	6.0919	5.7450
Rh-107	1.5444	1.5916	1.6399	1.5613	1.5072	1.5638	1.6446	1.5811
Rh-108	0.9587	0.9938	1.0162	0.9632	0.9371	0.9830	1.0248	0.9755
Rh-109	1.7013	1.7451	1.8020	1.7282	1.6516	1.7081	1.8026	1.7447
Rh-94	3.6152	3.7626	3.8355	3.5909	3.5473	3.7670	3.9131	3.6542
Rh-95	2.4819	2.5674	2.6349	2.4913	2.4087	2.5494	2.6783	2.5227
Rh-95m	1.4872	1.5385	1.5779	1.4981	1.4462	1.5226	1.5954	1.5203
Rh-96	5.9194	6.1488	6.2880	5.9483	5.7713	6.1079	6.3681	6.0082

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Rh-96m	1.4533	1.4849	1.5449	1.4864	1.3855	1.4572	1.5575	1.4930
Rh-97	2.0835	2.1339	2.2129	2.1250	1.9987	2.0883	2.2219	2.1385
Rh-97m	3.3732	3.4473	3.5772	3.4389	3.2278	3.3736	3.6007	3.4696
Rh-98	1.7574	1.8276	1.8678	1.7693	1.7118	1.8092	1.8871	1.7869
Rh-99	2.8097	2.8147	2.9857	2.9550	2.6145	2.6811	2.9476	2.9420
Rh-99m	2.2800	2.3005	2.4320	2.3800	2.1378	2.2045	2.4107	2.3785
Rn-207	3.3475	3.3796	3.5964	3.5260	3.1818	3.2939	3.5931	3.5318
Rn-209	3.7027	3.7336	3.9779	3.9034	3.5149	3.6424	3.9795	3.9095
Rn-210	0.2643	0.2625	0.2869	0.2867	0.2460	0.2532	0.2852	0.2858
Rn-211	4.6524	4.7168	4.9992	4.8708	4.4298	4.6201	5.0189	4.8886
Rn-212	0.0008	0.0008	0.0008	0.0008	0.0007	0.0008	0.0008	0.0008
Rn-215	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0019	0.0020	0.0020	0.0019	0.0019	0.0020	0.0020	0.0019
Rn-219	0.3184	0.3250	0.3386	0.3272	0.3073	0.3178	0.3390	0.3296
Rn-220	1.6470	1.7078	1.7289	1.6390	1.6104	1.6836	1.7582	1.6504
Rn-222	0.0011	0.0012	0.0012	0.0012	0.0011	0.0012	0.0012	0.0012
Rn-223	1.6833	1.6242	1.8696	1.9250	1.5037	1.5318	1.8395	1.9047
Ru-103	1.4584	1.5102	1.5457	1.4643	1.4251	1.4959	1.5608	1.4903
Ru-105	2.1211	2.1896	2.2500	2.1459	2.0600	2.1595	2.2645	2.1647
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	0.8828	0.9131	0.9339	0.8862	0.8627	0.9041	0.9431	0.8966
Ru-108	0.7638	0.7767	0.8031	0.7829	0.7366	0.7566	0.7994	0.7883
Ru-92	6.9449	7.0307	7.3464	7.1749	6.5955	6.7814	7.3020	7.1905
Ru-94	2.1278	2.1365	2.2773	2.2415	1.9748	2.0311	2.2500	2.2343
Ru-95	2.9627	3.0151	3.1634	3.0604	2.8083	2.9174	3.1569	3.0734
Ru-97	2.2900	2.2929	2.4370	2.4119	2.1292	2.1704	2.3988	2.4030
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	1.3110	1.3689	1.3873	1.2779	1.2951	1.3975	1.4552	1.3299
S-38	1.2613	1.3183	1.3356	1.2371	1.2428	1.3345	1.3847	1.2735
Sb-111	2.5302	2.5956	2.6663	2.5663	2.4600	2.5514	2.6755	2.5911
Sb-113	1.8434	1.8898	1.9524	1.8758	1.7823	1.8536	1.9619	1.8932
Sb-114	2.4715	2.5642	2.6229	2.4647	2.4155	2.5614	2.6743	2.5009
Sb-115	1.8761	1.9106	1.9860	1.9271	1.7982	1.8608	1.9891	1.9365
Sb-116	2.2145	2.2841	2.3480	2.2255	2.1492	2.2695	2.3898	2.2495
Sb-116m	6.3278	6.5008	6.6903	6.4068	6.1325	6.4086	6.7516	6.4489
Sb-117	2.1815	2.1901	2.2916	2.2773	2.0731	2.1031	2.2689	2.2670
Sb-118	0.2117	0.2067	0.2235	0.2296	0.1927	0.1924	0.2195	0.2233
Sb-118m	5.9979	6.1304	6.3301	6.1049	5.7822	6.0066	6.3733	6.1225

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Sb-119	0.6945	0.6504	0.7410	0.7999	0.6006	0.5792	0.7132	0.7634
Sb-120	0.3571	0.3413	0.3765	0.3979	0.3171	0.3092	0.3650	0.3818
Sb-120m	6.6919	6.8595	7.0497	6.7817	6.4924	6.7460	7.0980	6.8117
Sb-122m	1.6361	1.6072	1.7170	1.7513	1.5348	1.5331	1.6948	1.7140
Sb-122	1.1515	1.1965	1.2220	1.1574	1.1253	1.1847	1.2336	1.1731
Sb-124	2.8237	2.9453	2.9974	2.8150	2.7689	2.9368	3.0469	2.8611
Sb-124m	1.1541	1.1894	1.2354	1.1830	1.1165	1.1737	1.2442	1.1951
Sb-124n	0.0377	0.0243	0.0531	0.0688	0.0208	0.0179	0.0496	0.0648
Sb-125	1.7629	1.7921	1.8661	1.8183	1.6893	1.7411	1.8604	1.8145
Sb-126	6.5362	6.7997	6.9373	6.5608	6.3968	6.7501	7.0117	6.6276
Sb-126m	3.9148	4.0686	4.1562	3.9360	3.8278	4.0332	4.1963	3.9751
Sb-127	1.8412	1.9085	1.9519	1.8525	1.7987	1.8906	1.9701	1.8721
Sb-128	7.2695	7.5537	7.7200	7.2997	7.1149	7.5029	7.8044	7.3808
Sb-128m	4.7292	4.9052	5.0254	4.7564	4.6268	4.8702	5.0764	4.8064
Sb-129	2.5199	2.6209	2.6724	2.5160	2.4701	2.6158	2.7165	2.5495
Sb-130m	5.4602	5.6659	5.7855	5.4693	5.3466	5.6455	5.8672	5.5270
Sb-130	7.8522	8.1315	8.3223	7.8867	7.6815	8.0734	8.4129	7.9734
Sb-131	3.1534	3.2829	3.3440	3.1424	3.0924	3.2772	3.4049	3.1890
Sb-133	3.2960	3.4337	3.4954	3.2683	3.2369	3.4428	3.5748	3.3284
Sc-42m	4.4952	4.6761	4.7685	4.4621	4.4110	4.6770	4.8601	4.5445
Sc-43	0.3517	0.3601	0.3759	0.3610	0.3402	0.3536	0.3770	0.3640
Sc-44	1.5652	1.6301	1.6619	1.5538	1.5356	1.6338	1.6988	1.5793
Sc-44m	1.4750	1.5161	1.5618	1.4950	1.4369	1.4883	1.5675	1.5128
Sc-46	3.1058	3.2347	3.2936	3.0896	3.0476	3.2363	3.3591	3.1316
Sc-47	1.2297	1.2615	1.2901	1.2441	1.2029	1.2407	1.2901	1.2606
Sc-48	4.8077	5.0088	5.0963	4.7710	4.7199	5.0114	5.2036	4.8464
Sc-49	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0010	0.0009
Sc-50	4.3740	4.5552	4.6395	4.3394	4.2935	4.5574	4.7327	4.4249
Se-70	2.3613	2.1464	2.7327	2.9652	1.9898	1.9843	2.6624	2.8981
Se-71	1.7435	1.7903	1.8476	1.7720	1.6962	1.7708	1.8617	1.7920
Se-72	1.3215	1.1005	1.5975	1.8518	1.0096	0.9667	1.5281	1.7770
Se-73	2.7425	2.7217	2.9677	2.9647	2.5784	2.6384	2.9547	2.9539
Se-73m	0.3517	0.3219	0.4069	0.4389	0.2964	0.2968	0.3971	0.4297
Se-75	3.5293	3.4358	3.8885	3.9666	3.2307	3.2882	3.8436	3.9478
Se-77m	1.1750	1.1372	1.2965	1.3319	1.0649	1.0804	1.2761	1.3254
Se-79m	0.5330	0.4260	0.6698	0.7913	0.3736	0.3532	0.6339	0.7583
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0303	0.0313	0.0321	0.0305	0.0296	0.0308	0.0323	0.0309
Se-81m	0.5974	0.4920	0.7370	0.8560	0.4368	0.4183	0.7011	0.8236
Se-83m	1.5369	1.5994	1.6298	1.5315	1.5071	1.5949	1.6594	1.5549

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Se-83	5.1571	5.3491	5.4673	5.1600	5.0502	5.3175	5.5412	5.2369
Se-84	1.5131	1.5642	1.6024	1.5216	1.4784	1.5445	1.6135	1.5379
Si-31	0.0011	0.0011	0.0011	0.0011	0.0010	0.0011	0.0012	0.0011
Si-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-139	2.5227	2.5849	2.6757	2.5716	2.4486	2.5433	2.6872	2.5916
Sm-140	1.6702	1.6707	1.7682	1.7536	1.5939	1.6285	1.7609	1.7437
Sm-141	2.1785	2.2285	2.3088	2.2199	2.1115	2.1985	2.3243	2.2341
Sm-141m	4.6519	4.7630	4.9210	4.7355	4.5154	4.6968	4.9495	4.7621
Sm-142	0.7759	0.7472	0.8228	0.8547	0.7189	0.7139	0.8067	0.8332
Sm-143	0.5174	0.5028	0.5486	0.5634	0.4827	0.4833	0.5404	0.5517
Sm-143m	1.4539	1.5065	1.5438	1.4659	1.4200	1.5008	1.5627	1.4761
Sm-145	1.6315	1.5775	1.7254	1.7850	1.5196	1.5114	1.6947	1.7423
Sm-146	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0011	0.0008	0.0015	0.0019	0.0007	0.0006	0.0014	0.0018
Sm-153	1.2985	1.2855	1.3667	1.3773	1.2368	1.2509	1.3544	1.3621
Sm-155	1.5696	1.5942	1.6401	1.6020	1.5296	1.5683	1.6367	1.6047
Sm-156	1.4130	1.4084	1.5095	1.5062	1.3408	1.3678	1.5000	1.5016
Sm-157	2.3430	2.3950	2.4694	2.3839	2.2782	2.3512	2.4728	2.3972
Sn-106	3.5594	3.6301	3.7596	3.6426	3.4212	3.5398	3.7647	3.6497
Sn-108	3.4831	3.5406	3.6771	3.5834	3.3377	3.4342	3.6672	3.5826
Sn-109	3.1475	3.2292	3.3350	3.1911	3.0333	3.1801	3.3755	3.2150
Sn-110	2.1274	2.1447	2.2499	2.2136	2.0183	2.0579	2.2328	2.2065
Sn-111	0.5936	0.5815	0.6271	0.6410	0.5395	0.5420	0.6167	0.6256
Sn-113	0.5810	0.5526	0.6126	0.6509	0.5090	0.4953	0.5908	0.6240
Sn-113m	0.3962	0.3729	0.4212	0.4526	0.3454	0.3336	0.4060	0.4324
Sn-117m	2.1061	2.1184	2.2147	2.1948	2.0072	2.0405	2.1952	2.1899
Sn-119m	0.4668	0.4304	0.5057	0.5532	0.3957	0.3803	0.4856	0.5274
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.1585	0.1449	0.1743	0.1910	0.1348	0.1297	0.1675	0.1825
Sn-123	0.0100	0.0104	0.0106	0.0099	0.0098	0.0104	0.0108	0.0100
Sn-123m	1.6294	1.6654	1.7101	1.6575	1.5863	1.6315	1.7070	1.6739
Sn-125m	1.6022	1.6515	1.7041	1.6202	1.5640	1.6232	1.7089	1.6411
Sn-125	0.5107	0.5316	0.5415	0.5082	0.5010	0.5313	0.5521	0.5158
Sn-126	1.1756	1.1623	1.2413	1.2566	1.1075	1.1173	1.2278	1.2390
Sn-127m	1.4532	1.5055	1.5401	1.4561	1.4214	1.4937	1.5576	1.4829
Sn-127	3.2286	3.3512	3.4198	3.2241	3.1620	3.3388	3.4758	3.2698
Sn-128	3.2941	3.3066	3.4692	3.4403	3.1239	3.1816	3.4426	3.4084
Sn-129	1.9717	2.0561	2.0939	1.9740	1.9313	2.0438	2.1205	1.9975

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Sn-130	4.0533	4.1475	4.2698	4.1248	3.9314	4.0680	4.2799	4.1346
Sn-130m	2.4112	2.4690	2.5423	2.4512	2.3368	2.4284	2.5561	2.4603
Sr-79	1.6096	1.6035	1.7203	1.7116	1.5034	1.5323	1.6987	1.7053
Sr-80	1.5021	1.4672	1.6599	1.6817	1.3317	1.3623	1.6264	1.6707
Sr-81	2.4691	2.5245	2.6157	2.5256	2.3856	2.4713	2.6170	2.5504
Sr-82	0.4691	0.3882	0.5718	0.6574	0.3097	0.2888	0.5269	0.6306
Sr-83	1.8058	1.7394	2.0162	2.0650	1.5642	1.5980	1.9708	2.0413
Sr-85	1.8851	1.8540	2.0746	2.0819	1.6914	1.7398	2.0440	2.0803
Sr-85m	1.7705	1.7999	1.8802	1.8273	1.6992	1.7490	1.8756	1.8396
Sr-87m	1.3153	1.3427	1.4057	1.3549	1.2592	1.3068	1.4049	1.3628
Sr-89	0.0001	0.0002	0.0002	0.0001	0.0001	0.0002	0.0002	0.0002
Sr-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sr-91	1.2644	1.3170	1.3412	1.2624	1.2395	1.3131	1.3631	1.2777
Sr-92	1.5606	1.6266	1.6563	1.5423	1.5334	1.6339	1.6949	1.5733
Sr-93	4.1053	4.2552	4.3606	4.1271	4.0012	4.2213	4.4164	4.1815
Sr-94	1.5589	1.6263	1.6549	1.5386	1.5326	1.6355	1.6951	1.5712
Ta-170	1.7975	1.7636	1.9521	1.9777	1.6742	1.7107	1.9417	1.9619
Ta-172	4.1189	4.1212	4.4320	4.3818	3.9073	4.0358	4.4409	4.3796
Ta-173	3.0726	2.9688	3.3548	3.4567	2.8252	2.8624	3.3247	3.4131
Ta-174	3.2536	3.2075	3.5194	3.5441	3.0474	3.1146	3.5047	3.5236
Ta-175	4.2966	4.2679	4.6180	4.6095	4.0613	4.1667	4.6135	4.5934
Ta-176	4.1593	4.1593	4.4881	4.4300	3.9390	4.0908	4.5180	4.4366
Ta-177	1.4218	1.3567	1.5518	1.6220	1.2978	1.3014	1.5311	1.5923
Ta-178	1.4710	1.3973	1.6131	1.6926	1.3348	1.3385	1.5913	1.6603
Ta-178m	8.4084	8.4390	8.9941	8.8768	8.0281	8.2367	8.9713	8.8771
Ta-179	0.7060	0.6446	0.7984	0.8680	0.6116	0.6050	0.7808	0.8445
Ta-180	1.1945	1.1298	1.3119	1.3832	1.0800	1.0796	1.2921	1.3547
Ta-182	3.6581	3.6714	3.9250	3.8671	3.4846	3.6058	3.9426	3.8688
Ta-182m	3.8874	3.7497	4.2678	4.4060	3.5571	3.5951	4.2148	4.3610
Ta-183	3.5616	3.4392	3.9070	4.0271	3.2628	3.2997	3.8628	3.9827
Ta-184	5.9125	5.9762	6.3486	6.2061	5.6499	5.8554	6.3631	6.2283
Ta-185	2.0170	1.9420	2.2203	2.2963	1.8396	1.8594	2.1930	2.2712
Ta-186	5.7040	5.8316	6.0695	5.8597	5.5185	5.7347	6.0911	5.9008
Tb-146	3.2687	3.3875	3.4684	3.2584	3.1986	3.3914	3.5425	3.3179
Tb-147m	2.1795	2.2217	2.3163	2.2267	2.1067	2.2094	2.3490	2.2461
Tb-147	4.0035	4.0988	4.2436	4.0799	3.8841	4.0602	4.2841	4.1086
Tb-148m	7.0333	7.2537	7.4642	7.1272	6.8486	7.1897	7.5329	7.1758
Tb-148	3.0445	3.1340	3.2323	3.0848	2.9621	3.1197	3.2767	3.1124
Tb-149m	3.0494	3.1116	3.2393	3.1376	2.9469	3.0775	3.2590	3.1411
Tb-149	3.6245	3.6914	3.8449	3.7252	3.5034	3.6384	3.8632	3.7418

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Tb-150m	7.0819	7.2928	7.5192	7.2055	6.8831	7.2013	7.5652	7.2586
Tb-150	3.5106	3.6013	3.7293	3.5786	3.4037	3.5714	3.7731	3.6098
Tb-151	4.7554	4.8113	5.0406	4.9328	4.5761	4.7154	5.0389	4.9386
Tb-151m	0.8103	0.7154	0.9482	1.0558	0.6674	0.6573	0.9200	1.0231
Tb-152m	4.2463	4.2735	4.5223	4.4490	4.0646	4.1758	4.5126	4.4513
Tb-152	3.2168	3.2746	3.4185	3.3076	3.1073	3.2266	3.4370	3.3258
Tb-153	2.8903	2.8713	3.0738	3.0778	2.7428	2.7925	3.0533	3.0568
Tb-154	3.7482	3.8066	3.9783	3.8585	3.6149	3.7686	4.0191	3.8813
Tb-155	2.8538	2.8261	3.0235	3.0437	2.7104	2.7485	2.9983	3.0177
Tb-156	5.6047	5.6909	5.9549	5.7875	5.4011	5.6030	5.9816	5.8104
Tb-156m	0.8954	0.8920	0.9282	0.9277	0.8652	0.8763	0.9212	0.9175
Tb-156n	0.1955	0.1550	0.2453	0.2927	0.1418	0.1338	0.2340	0.2796
Tb-157	0.2163	0.1785	0.2628	0.3069	0.1654	0.1579	0.2518	0.2940
Tb-158	2.7327	2.7312	2.9196	2.8982	2.5966	2.6741	2.9204	2.8844
Tb-160	2.6852	2.7465	2.8606	2.7525	2.5987	2.7160	2.8863	2.7710
Tb-161	0.9644	0.9046	1.0564	1.1262	0.8589	0.8510	1.0328	1.0957
Tb-162	3.5438	3.6322	3.7618	3.6180	3.4390	3.5853	3.7875	3.6437
Tb-163	2.9724	3.0590	3.1571	3.0164	2.8930	3.0149	3.1736	3.0495
Tb-164	5.8598	6.0244	6.2300	5.9665	5.6921	5.9618	6.2846	6.0200
Tb-165	1.3084	1.3369	1.4043	1.3470	1.2602	1.3271	1.4230	1.3619
Tc-101	1.6984	1.7500	1.8041	1.7178	1.6575	1.7190	1.8085	1.7407
Tc-102m	3.8075	3.9613	4.0378	3.7943	3.7323	3.9506	4.1076	3.8621
Tc-102	0.1753	0.1819	0.1858	0.1754	0.1715	0.1807	0.1882	0.1783
Tc-104	3.6800	3.8173	3.9035	3.6770	3.6048	3.7975	3.9617	3.7398
Tc-105	2.8795	2.9537	3.0414	2.9222	2.7929	2.9010	3.0510	2.9496
Tc-91	1.3659	1.4193	1.4502	1.3557	1.3353	1.4231	1.4875	1.3862
Tc-91m	0.9927	1.0271	1.0536	0.9975	0.9671	1.0172	1.0653	1.0148
Tc-92	6.2146	6.4137	6.5839	6.2565	6.0578	6.3476	6.6445	6.3374
Tc-93	2.0177	2.0405	2.1666	2.0990	1.8798	1.9655	2.1677	2.1098
Tc-93m	1.5128	1.5423	1.6121	1.5528	1.4391	1.5008	1.6185	1.5650
Tc-94	5.3023	5.4547	5.6518	5.4088	5.0921	5.3587	5.6902	5.4360
Tc-94m	1.9445	2.0031	2.0706	1.9719	1.8733	1.9773	2.0952	1.9885
Tc-95	2.0868	2.1003	2.2429	2.2049	1.9297	2.0030	2.2224	2.1942
Tc-95m	2.8391	2.8692	3.0301	2.9659	2.6635	2.7463	3.0033	2.9640
Tc-96	5.1926	5.3299	5.5384	5.3099	4.9749	5.2342	5.5733	5.3308
Tc-96m	0.3586	0.3362	0.3930	0.4171	0.2947	0.2911	0.3732	0.4046
Tc-97	0.5263	0.4798	0.5852	0.6370	0.4056	0.3884	0.5426	0.6131
Tc-97m	0.4109	0.3770	0.4514	0.4895	0.3242	0.3138	0.4219	0.4709
Tc-98	3.0695	3.1995	3.2605	3.0800	3.0056	3.1824	3.2989	3.1093
Tc-99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Tc-99m	1.6509	1.6849	1.7326	1.6813	1.6036	1.6487	1.7275	1.6970
Te-113	1.6902	1.7555	1.7924	1.6856	1.6537	1.7541	1.8283	1.7105
Te-114	2.8135	2.8409	2.9800	2.9225	2.6784	2.7595	2.9804	2.9115
Te-115	2.6097	2.6975	2.7667	2.6233	2.5409	2.6755	2.8040	2.6507
Te-115m	2.9475	3.0484	3.1262	2.9610	2.8696	3.0302	3.1757	2.9930
Te-116	1.5813	1.5510	1.6630	1.7010	1.4646	1.4599	1.6298	1.6595
Te-117	2.1769	2.2298	2.3079	2.2217	2.0956	2.1919	2.3275	2.2271
Te-118	0.5660	0.5371	0.5982	0.6357	0.5014	0.4855	0.5768	0.6080
Te-119	2.1195	2.1587	2.2483	2.1934	2.0226	2.0948	2.2449	2.1825
Te-119m	3.9681	4.0541	4.1898	4.0442	3.8325	3.9756	4.2094	4.0649
Te-121	2.0709	2.1002	2.1948	2.1485	1.9720	2.0325	2.1878	2.1419
Te-121m	1.9430	1.9584	2.0541	2.0211	1.8542	1.8903	2.0395	2.0131
Te-123	0.0336	0.0220	0.0471	0.0607	0.0189	0.0163	0.0440	0.0572
Te-123m	1.9257	1.9385	2.0315	2.0068	1.8417	1.8764	2.0144	2.0066
Te-125m	1.0143	0.9625	1.0776	1.1402	0.9045	0.8784	1.0387	1.0929
Te-127	0.0198	0.0204	0.0209	0.0200	0.0193	0.0200	0.0210	0.0202
Te-127m	0.3289	0.3071	0.3553	0.3815	0.2875	0.2782	0.3418	0.3652
Te-129	0.3392	0.3277	0.3702	0.3817	0.3069	0.3091	0.3639	0.3747
Te-129m	0.2991	0.2870	0.3207	0.3347	0.2690	0.2661	0.3119	0.3237
Te-131	2.0532	2.1066	2.1617	2.0800	2.0010	2.0724	2.1668	2.1010
Te-131m	3.3929	3.4998	3.5919	3.4235	3.3069	3.4676	3.6270	3.4494
Te-132	2.3677	2.3857	2.4906	2.4513	2.2668	2.3057	2.4702	2.4383
Te-133	2.6315	2.7249	2.7939	2.6403	2.5747	2.7014	2.8247	2.6777
Te-133m	3.8456	3.9773	4.0748	3.8686	3.7525	3.9439	4.1227	3.9074
Te-134	3.4899	3.5842	3.6845	3.5399	3.3952	3.5259	3.6976	3.5609
Th-223	1.4526	1.3923	1.5995	1.6618	1.2954	1.3032	1.5641	1.6393
Th-224	0.2482	0.2473	0.2672	0.2661	0.2322	0.2372	0.2643	0.2661
Th-226	0.1765	0.1627	0.2007	0.2155	0.1472	0.1457	0.1933	0.2108
Th-227	1.5959	1.4922	1.8012	1.9075	1.3610	1.3574	1.7458	1.8725
Th-228	0.1300	0.1099	0.1565	0.1790	0.0944	0.0897	0.1470	0.1722
Th-229	2.1598	1.9868	2.4556	2.6439	1.8098	1.7919	2.3701	2.5832
Th-230	1.3177	1.3362	1.3468	1.3670	1.3024	1.3178	1.3584	1.3422
Th-231	1.0564	0.9049	1.2522	1.4234	0.7842	0.7464	1.1784	1.3674
Th-232	1.5014	1.5622	1.5650	1.4610	1.4749	1.5605	1.6709	1.5156
Th-233	0.3652	0.3298	0.4228	0.4620	0.3003	0.2969	0.4082	0.4497
Th-234	0.2709	0.2519	0.3036	0.3242	0.2306	0.2285	0.2937	0.3167
Th-235	0.1632	0.1671	0.1742	0.1678	0.1572	0.1643	0.1749	0.1688
Th-236	0.3020	0.2935	0.3313	0.3388	0.2720	0.2758	0.3248	0.3355
Ti-44	2.7584	2.7838	2.8795	2.8467	2.6858	2.7389	2.8832	2.8362
Ti-45	0.0162	0.0124	0.0211	0.0255	0.0111	0.0105	0.0202	0.0244

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ti-51	1.6373	1.6892	1.7426	1.6545	1.5998	1.6617	1.7485	1.6774
Ti-52	1.9719	1.9794	2.0947	2.0723	1.8730	1.9125	2.0752	2.0767
Tl-190	2.3162	2.3498	2.4808	2.4168	2.2185	2.3038	2.4883	2.4251
Tl-190m	5.9984	6.1442	6.4053	6.1726	5.7919	6.0520	6.4422	6.2106
Tl-194	2.4993	2.5061	2.6921	2.6628	2.3663	2.4423	2.6899	2.6606
Tl-194m	7.8159	7.9316	8.3889	8.1814	7.4731	7.7762	8.4110	8.2051
Tl-195	3.4285	3.3454	3.7712	3.8344	3.1432	3.2263	3.7555	3.8089
Tl-196	4.0368	4.0794	4.3356	4.2358	3.8515	4.0063	4.3605	4.2543
Tl-197	2.6544	2.5969	2.8905	2.9409	2.4561	2.5039	2.8703	2.9168
Tl-198	4.4321	4.4756	4.7624	4.6551	4.2256	4.3964	4.7917	4.6737
Tl-198m	5.1721	5.1727	5.6036	5.5605	4.8649	5.0227	5.5885	5.5545
Tl-199	2.5679	2.4982	2.8011	2.8684	2.3638	2.3975	2.7737	2.8403
Tl-200	4.1563	4.1798	4.4754	4.3994	3.9487	4.0884	4.4842	4.4051
Tl-201	1.9999	1.8912	2.2190	2.3401	1.7850	1.7889	2.1815	2.2988
Tl-202	2.7611	2.7340	2.9892	2.9984	2.5850	2.6490	2.9763	2.9867
Tl-204	0.0312	0.0290	0.0350	0.0374	0.0273	0.0272	0.0343	0.0366
Tl-206m	7.9857	8.1952	8.4927	8.1547	7.7375	8.0666	8.5437	8.2265
Tl-206	0.0016	0.0015	0.0017	0.0018	0.0014	0.0014	0.0017	0.0017
Tl-207	0.0042	0.0043	0.0044	0.0042	0.0041	0.0043	0.0045	0.0042
Tl-208	3.4859	3.6189	3.7013	3.4825	3.4113	3.6201	3.7828	3.5555
Tl-209	4.7692	4.9006	5.0494	4.8239	4.6447	4.8544	5.0969	4.8883
Tl-210	5.0459	5.1711	5.4024	5.1730	4.8684	5.1159	5.4617	5.2244
Tm-161	5.2986	5.2509	5.6522	5.6641	5.0195	5.1280	5.6297	5.6317
Tm-162	2.9413	2.9676	3.1405	3.0706	2.8181	2.9316	3.1641	3.0803
Tm-163	4.5530	4.5566	4.8503	4.7990	4.3450	4.4720	4.8519	4.7890
Tm-164	1.2240	1.2035	1.3157	1.3288	1.1487	1.1742	1.3106	1.3178
Tm-165	3.5877	3.5779	3.8273	3.8081	3.4117	3.4921	3.8123	3.7934
Tm-166	4.4309	4.4646	4.7419	4.6502	4.2343	4.4003	4.7677	4.6571
Tm-167	2.2064	2.1461	2.3828	2.4395	2.0491	2.0710	2.3550	2.4093
Tm-168	5.1108	5.1527	5.4583	5.3621	4.8904	5.0567	5.4616	5.3595
Tm-170	0.1047	0.0966	0.1179	0.1270	0.0916	0.0912	0.1154	0.1240
Tm-171	0.0162	0.0153	0.0178	0.0188	0.0146	0.0146	0.0175	0.0184
Tm-172	0.8837	0.8779	0.9626	0.9564	0.8287	0.8608	0.9671	0.9570
Tm-173	1.5611	1.5999	1.6582	1.5927	1.5143	1.5750	1.6654	1.6032
Tm-174	6.6449	6.7746	7.0822	6.8496	6.4154	6.6561	7.1102	6.8989
Tm-175	2.7096	2.7846	2.8843	2.7602	2.6301	2.7563	2.9116	2.7888
Tm-176	4.6522	4.7351	4.9675	4.8066	4.4826	4.6678	5.0032	4.8416
U-227	1.5001	1.4566	1.6415	1.6803	1.3535	1.3688	1.6098	1.6645
U-228	0.1560	0.1376	0.1823	0.2027	0.1204	0.1164	0.1725	0.1961
U-230	0.1447	0.1208	0.1750	0.2017	0.1018	0.0955	0.1630	0.1933

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
U-231	2.3881	2.1810	2.7156	2.9429	1.9631	1.9305	2.6041	2.8644
U-232	0.1296	0.1061	0.1586	0.1849	0.0881	0.0817	0.1470	0.1767
U-233	0.0684	0.0556	0.0842	0.0985	0.0463	0.0430	0.0781	0.0942
U-234	1.3012	1.3173	1.3628	1.3111	1.2856	1.2906	1.3219	1.2876
U-235	1.8684	1.9406	1.9576	1.8716	1.8242	1.8857	1.9441	2.0513
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	0.1057	0.0861	0.1298	0.1518	0.0712	0.0658	0.1201	0.1450
U-237	2.5455	2.4480	2.7849	2.8813	2.2759	2.2868	2.7218	2.8389
U-238	1.2057	1.2501	1.2220	1.1822	1.1810	1.2418	1.2948	1.2382
U-239	0.9287	0.9169	0.9881	0.9998	0.8691	0.8796	0.9773	0.9895
U-240	0.3867	0.3289	0.4612	0.5262	0.2835	0.2696	0.4330	0.5055
U-242	0.3376	0.3397	0.3565	0.3519	0.3229	0.3302	0.3553	0.3510
V-47	0.0132	0.0124	0.0151	0.0157	0.0116	0.0119	0.0150	0.0156
V-48	3.2744	3.3946	3.4889	3.2846	3.1956	3.3932	3.5603	3.3325
V-49	0.0930	0.0600	0.1312	0.1699	0.0514	0.0441	0.1224	0.1600
V-50	1.5588	1.5955	1.6813	1.6024	1.4997	1.5914	1.7125	1.6268
V-52	1.5068	1.5722	1.5995	1.4847	1.4819	1.5826	1.6401	1.5179
V-53	1.6000	1.6670	1.6952	1.5897	1.5702	1.6646	1.7298	1.6129
W-177	5.6934	5.6068	6.1589	6.2171	5.3293	5.4417	6.1272	6.1768
W-178	0.5105	0.4424	0.6026	0.6810	0.4139	0.4030	0.5838	0.6576
W-179	1.5162	1.3879	1.7087	1.8537	1.3155	1.2985	1.6684	1.8011
W-179m	1.0724	1.0119	1.1877	1.2540	0.9624	0.9628	1.1700	1.2295
W-181	1.0440	0.9727	1.1614	1.2412	0.9269	0.9222	1.1410	1.2120
W-185m	0.8497	0.6870	1.0608	1.2494	0.6268	0.5976	1.0155	1.1993
W-185	0.0010	0.0010	0.0011	0.0011	0.0009	0.0009	0.0011	0.0011
W-187	1.7476	1.7706	1.8665	1.8258	1.6775	1.7391	1.8719	1.8299
W-188	0.0159	0.0157	0.0173	0.0173	0.0149	0.0152	0.0172	0.0173
W-190	2.6756	2.5891	2.9122	3.0015	2.4678	2.4906	2.8824	2.9677
Xe-120	2.5076	2.4955	2.6495	2.6523	2.3598	2.3876	2.6164	2.6133
Xe-121	2.1302	2.1668	2.2509	2.1816	2.0518	2.1219	2.2585	2.1883
Xe-122	0.9108	0.8868	0.9652	0.9893	0.8386	0.8315	0.9404	0.9623
Xe-123	2.2277	2.2448	2.3497	2.3119	2.1305	2.1747	2.3335	2.3050
Xe-125	2.5938	2.5999	2.7345	2.7089	2.4666	2.5009	2.7046	2.6858
Xe-127	2.8090	2.8316	2.9626	2.9133	2.6870	2.7353	2.9366	2.8997
Xe-127m	2.3868	2.4092	2.5099	2.4672	2.2972	2.3414	2.4904	2.4659
Xe-129m	1.2685	1.2159	1.3472	1.4034	1.1540	1.1308	1.3030	1.3537
Xe-131m	0.5292	0.5029	0.5666	0.5953	0.4761	0.4652	0.5468	0.5734
Xe-133	1.0302	1.0212	1.0814	1.0889	0.9794	0.9842	1.0656	1.0705
Xe-133m	0.6671	0.6465	0.7099	0.7304	0.6126	0.6065	0.6908	0.7100
Xe-135	1.5732	1.6168	1.6571	1.5899	1.5336	1.5854	1.6622	1.6061

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Xe-135m	1.2973	1.3358	1.3761	1.3152	1.2599	1.3163	1.3841	1.3304
Xe-137	0.5153	0.5334	0.5460	0.5170	0.5038	0.5284	0.5514	0.5248
Xe-138	1.9630	2.0087	2.0956	2.0107	1.8963	1.9855	2.1201	2.0361
Y-81	2.0664	2.0543	2.2153	2.2133	1.9238	1.9593	2.1856	2.2077
Y-83	1.2105	1.1827	1.3254	1.3405	1.0780	1.0990	1.2990	1.3270
Y-83m	1.4389	1.4545	1.5407	1.5049	1.3574	1.3971	1.5311	1.5120
Y-84m	5.0411	5.2404	5.3530	5.0420	4.9307	5.2269	5.4445	5.1038
Y-85	1.2169	1.2295	1.3131	1.2803	1.1403	1.1853	1.3094	1.2898
Y-85m	1.3526	1.3639	1.4609	1.4255	1.2628	1.3149	1.4609	1.4330
Y-86	5.2186	5.3690	5.5819	5.3216	5.0164	5.2900	5.6451	5.3781
Y-86m	1.7703	1.8123	1.8699	1.8015	1.7175	1.7707	1.8690	1.8147
Y-87	1.8203	1.7905	1.9979	2.0057	1.6316	1.6714	1.9630	2.0019
Y-87m	1.2856	1.3111	1.3745	1.3263	1.2279	1.2720	1.3713	1.3338
Y-88	3.4114	3.4599	3.6846	3.5612	3.2024	3.3693	3.7162	3.5913
Y-89m	1.5473	1.6099	1.6409	1.5445	1.5163	1.6077	1.6704	1.5623
Y-90	0.0001	0.0001	0.0001	0.0001	0.0000	0.0000	0.0001	0.0001
Y-90m	3.1718	3.2619	3.3536	3.2086	3.0848	3.2014	3.3635	3.2442
Y-91	0.0040	0.0042	0.0042	0.0040	0.0039	0.0042	0.0043	0.0040
Y-91m	1.4371	1.4897	1.5277	1.4502	1.3991	1.4710	1.5399	1.4706
Y-92	0.4069	0.4234	0.4314	0.4053	0.3990	0.4229	0.4393	0.4112
Y-93	0.2088	0.2161	0.2209	0.2093	0.2042	0.2139	0.2236	0.2124
Y-94	1.2072	1.2567	1.2799	1.2024	1.1841	1.2560	1.3043	1.2190
Y-95	0.8948	0.9333	0.9480	0.8821	0.8804	0.9411	0.9776	0.9041
Yb-162	2.9151	2.8880	3.1149	3.1288	2.7589	2.8108	3.0922	3.1141
Yb-163	2.0263	1.9748	2.2043	2.2475	1.8770	1.9153	2.1904	2.2246
Yb-164	1.1379	1.0931	1.2276	1.2750	1.0499	1.0543	1.2103	1.2518
Yb-165	3.0549	2.9033	3.3560	3.5206	2.7687	2.7825	3.3067	3.4562
Yb-166	2.1569	2.0776	2.3222	2.4067	1.9967	2.0066	2.2913	2.3648
Yb-167	4.8328	4.7031	5.2098	5.3361	4.4994	4.5494	5.1506	5.2750
Yb-169	5.4369	5.3429	5.8133	5.8906	5.1192	5.1865	5.7633	5.8341
Yb-175	0.2428	0.2456	0.2584	0.2526	0.2335	0.2405	0.2582	0.2532
Yb-177	0.8808	0.8908	0.9343	0.9145	0.8485	0.8753	0.9357	0.9184
Yb-178	0.1738	0.1762	0.1865	0.1813	0.1666	0.1724	0.1865	0.1821
Yb-179	2.9114	3.0051	3.0971	2.9604	2.8315	2.9666	3.1172	2.9881
Zn-60	1.7522	1.8020	1.8600	1.7865	1.7038	1.7783	1.8716	1.7967
Zn-61	0.6713	0.6963	0.7133	0.6709	0.6566	0.6957	0.7275	0.6841
Zn-62	1.5746	1.4900	1.7804	1.8688	1.3916	1.4142	1.7548	1.8421
Zn-63	0.2824	0.2852	0.3078	0.3012	0.2670	0.2803	0.3099	0.3020
Zn-65	1.1030	1.0246	1.2800	1.3568	0.9478	0.9718	1.2686	1.3359
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Zn-69m	1.4155	1.4569	1.5060	1.4377	1.3755	1.4373	1.5160	1.4545

Table 15: Glass 1 cm Contamination Thickness for 400x400x40 ft room

Nuclide	avg400	ctr400	mid400	cnr400
Ac-223	0.1874	0.2125	0.3314	0.3898
Ac-224	2.7486	2.9242	3.4486	3.6064
Ac-225	0.2502	0.2850	0.4489	0.5309
Ac-226	1.2377	1.3169	1.5424	1.6062
Ac-227	0.0261	0.0354	0.0922	0.1239
Ac-228	1.9006	2.0731	2.4250	2.4811
Ac-230	0.7973	0.8771	1.0468	1.0754
Ac-231	2.8986	3.0695	3.4471	3.4847
Ac-232	1.3436	1.4820	1.7197	1.7368
Ac-233	1.3305	1.4216	1.5677	1.5568
Ag-100m	2.6281	2.8462	3.0028	2.8790
Ag-101	2.1144	2.2485	2.4353	2.3932
Ag-102m	1.6081	1.7464	1.8782	1.8081
Ag-102	3.8942	4.2043	4.4762	4.3134
Ag-103	2.2538	2.3732	2.6347	2.6573
Ag-104	4.6779	5.0412	5.4420	5.3129
Ag-104m	1.8783	2.0142	2.1882	2.1462
Ag-105	2.3007	2.4268	2.7535	2.7923
Ag-105m	0.0114	0.0150	0.0379	0.0506
Ag-106	0.3895	0.4113	0.4974	0.5255
Ag-106m	5.6795	6.0899	6.5906	6.4434
Ag-108	0.0452	0.0481	0.0545	0.0557
Ag-108m	4.2382	4.5205	4.9151	4.8599
Ag-109m	0.2285	0.2384	0.3273	0.3727
Ag-110	0.0668	0.0717	0.0758	0.0739
Ag-110m	4.6254	5.0066	5.2663	5.0492
Ag-111	0.1224	0.1291	0.1381	0.1343
Ag-111m	0.1190	0.1259	0.1851	0.2161
Ag-112	1.0504	1.1324	1.1926	1.1470
Ag-113m	0.8596	0.9109	0.9970	0.9866
Ag-113	0.2735	0.2895	0.3091	0.3004
Ag-114	0.4341	0.4659	0.4929	0.4746
Ag-115	0.9814	1.0459	1.1120	1.0770
Ag-116	2.5388	2.7435	2.9051	2.7741
Ag-117	1.9419	2.0770	2.2066	2.1282
Ag-99	2.7062	2.8997	3.0978	2.9979
Al-26	1.4263	1.5654	1.6526	1.5457
Al-28	1.3904	1.5257	1.6101	1.5051
Al-29	1.4527	1.5869	1.6728	1.5698

Nuclide	avg400	ctr400	mid400	cnr400
Am-237	2.8202	3.0049	3.5781	3.7465
Am-238	2.7773	2.9936	3.5119	3.6295
Am-239	3.0839	3.3014	4.1186	4.4321
Am-240	2.8769	3.1281	3.7731	3.9488
Am-241	1.2148	1.2433	1.3151	1.2930
Am-242	0.3362	0.3713	0.5546	0.6440
Am-242m	0.1348	0.1620	0.3330	0.4252
Am-243	1.1035	1.1584	1.3359	1.3690
Am-244	2.3304	2.5508	3.2141	3.4457
Am-244m	0.0997	0.1139	0.1929	0.2329
Am-245	0.3457	0.3675	0.4448	0.4713
Am-246	3.2516	3.5261	4.4564	4.8097
Am-246m	1.6890	1.8443	2.0953	2.1004
Am-247	1.3165	1.3955	1.6444	1.7162
Ar-37	0.0081	0.0123	0.0404	0.0563
Ar-39	0.0000	0.0000	0.0000	0.0000
Ar-41	1.4293	1.5600	1.6450	1.5444
Ar-42	0.0000	0.0000	0.0000	0.0000
Ar-43	1.7276	1.8816	1.9832	1.8795
Ar-44	2.7259	2.9288	3.0952	2.9661
As-68	3.3892	3.6854	3.8864	3.7011
As-69	0.5068	0.5432	0.6231	0.6346
As-70	4.4221	4.8065	5.1119	4.8950
As-71	1.7880	1.9309	2.4160	2.6022
As-72	1.4201	1.5525	1.6940	1.6585
As-73	0.4135	0.5675	1.5761	2.1427
As-74	1.1189	1.2184	1.4512	1.5148
As-76	0.8649	0.9254	0.9791	0.9469
As-77	0.0455	0.0479	0.0517	0.0511
As-78	1.9734	2.1314	2.2455	2.1525
As-79	0.0873	0.0931	0.0989	0.0955
At-204	5.9053	6.3168	6.9202	6.8569
At-205	2.9491	3.1712	3.6043	3.6536
At-206	6.1236	6.5549	7.1690	7.0818
At-207	4.6385	4.9974	5.5877	5.5882
At-208	7.3070	7.8598	8.6497	8.6050
At-209	6.5471	7.0434	7.8616	7.8763
At-210	5.5843	6.0318	6.7632	6.7301
At-211	0.6394	0.6876	0.8638	0.9295
At-215	0.0007	0.0007	0.0008	0.0008

Nuclide	avg400	ctr400	mid400	cnr400
At-216	0.0354	0.0377	0.0450	0.0472
At-217	0.0015	0.0016	0.0018	0.0018
At-218	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000
At-220	2.2210	2.3460	2.5559	2.5312
Au-186	3.5007	3.7293	4.1453	4.1395
Au-187	2.6128	2.8201	3.3680	3.4773
Au-190	4.0871	4.3841	4.8815	4.8291
Au-191	3.3032	3.5225	4.1477	4.2765
Au-192	3.7838	4.0610	4.5505	4.5145
Au-193	2.0677	2.2017	2.6879	2.8250
Au-193m	1.4592	1.5720	1.9743	2.1140
Au-194	3.0123	3.2215	3.6695	3.6853
Au-195	1.5985	1.7289	2.3158	2.5438
Au-195m	1.4729	1.5874	1.9931	2.1328
Au-196	2.7725	2.9423	3.3705	3.4076
Au-196m	3.1074	3.3573	4.3378	4.7282
Au-198	1.3739	1.4519	1.5619	1.5205
Au-198m	5.4828	5.8095	6.7016	6.9000
Au-199	1.1069	1.1729	1.3588	1.4107
Au-200	0.5270	0.5649	0.6038	0.5801
Au-200m	6.9365	7.3684	7.9800	7.8615
Au-201	0.1362	0.1491	0.1944	0.2118
Au-202	0.3317	0.3556	0.3793	0.3649
Ba-124	1.6354	1.7056	1.9234	1.9775
Ba-126	2.0920	2.1942	2.4426	2.4767
Ba-127	0.8942	0.9266	1.0566	1.0986
Ba-128	0.7759	0.7927	0.9538	1.0314
Ba-129	0.9268	0.9571	1.1205	1.1872
Ba-129m	4.3025	4.5611	5.0083	4.9978
Ba-131	2.6390	2.7461	3.0599	3.1184
Ba-131m	1.2710	1.3150	1.5008	1.5640
Ba-133	2.8602	2.9682	3.3346	3.4060
Ba-133m	0.7070	0.7374	0.9456	1.0465
Ba-135m	0.6468	0.6630	0.7912	0.8494
Ba-137m	1.3351	1.4304	1.5138	1.4787
Ba-139	0.4449	0.4636	0.4973	0.4979
Ba-140	0.7256	0.7768	0.9509	1.0110
Ba-141	2.8775	3.0494	3.2498	3.1675
Ba-142	2.4414	2.6004	2.7844	2.7110

Nuclide	avg400	ctr400	mid400	cnr400
Be-10	0.0000	0.0000	0.0000	0.0000
Be-7	0.1432	0.1517	0.1620	0.1570
Bi-197	3.3704	3.6475	4.1498	4.1778
Bi-200	6.8778	7.3412	8.1186	8.0566
Bi-201	3.4491	3.7321	4.2238	4.2320
Bi-202	6.4049	6.8768	7.5532	7.4629
Bi-203	4.2932	4.6481	5.1955	5.1614
Bi-204	6.4315	6.9308	7.6481	7.5577
Bi-205	3.2043	3.4708	3.9542	3.9806
Bi-206	7.4529	8.0256	8.8400	8.7375
Bi-207	3.7191	4.0033	4.4959	4.5052
Bi-208	2.0195	2.2311	2.5889	2.6026
Bi-210	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.4665	1.5484	1.6992	1.6858
Bi-211	0.2270	0.2404	0.2643	0.2611
Bi-212n	0.0000	0.0000	0.0000	0.0000
Bi-212	0.2050	0.2305	0.3093	0.3403
Bi-213	0.4453	0.4720	0.5156	0.5080
Bi-214	1.9105	2.0701	2.1880	2.0902
Bi-215	1.0682	1.1358	1.2592	1.2554
Bi-216	2.0733	2.2030	2.3588	2.3007
Bk-245	2.7754	2.9426	3.5247	3.7193
Bk-246	2.7140	2.9446	3.5728	3.7588
Bk-247	1.5675	1.6454	1.8355	1.8556
Bk-248m	0.5318	0.5712	0.7387	0.8084
Bk-249	0.0000	0.0000	0.0000	0.0000
Bk-250	1.4534	1.5864	1.7828	1.7728
Bk-251	1.3208	1.4087	1.7726	1.9190
Br-72	2.7325	2.9713	3.1721	3.0440
Br-73	1.5651	1.6657	1.8316	1.8086
Br-74	3.0806	3.3608	3.5848	3.4410
Br-74m	3.8357	4.1642	4.4317	4.2721
Br-75	1.9895	2.1172	2.3681	2.3758
Br-76	2.6839	2.9297	3.2735	3.2448
Br-76m	0.8220	0.9258	1.4599	1.7527
Br-77	1.2821	1.4192	1.9083	2.1123
Br-77m	0.3407	0.4038	0.6927	0.8484
Br-78	0.2091	0.2284	0.2705	0.2821
Br-80	0.1284	0.1413	0.1729	0.1835
Br-80m	0.5486	0.6481	1.2012	1.5183

Nuclide	avg400	ctr400	mid400	cnr400
Br-82m	0.1333	0.1907	0.4803	0.6468
Br-82	4.6990	5.0725	5.3433	5.1293
Br-83	0.0179	0.0191	0.0204	0.0199
Br-84m	4.2655	4.6035	4.8730	4.6470
Br-84	1.5681	1.7162	1.8064	1.7059
Br-85	0.1044	0.1135	0.1193	0.1138
C-10	1.4282	1.5429	1.6191	1.5595
C-11	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0144	0.0219	0.0721	0.1005
Ca-45	0.0000	0.0000	0.0000	0.0000
Ca-47	1.2577	1.3696	1.4449	1.3613
Ca-49	1.3491	1.5041	1.5876	1.4744
Cd-101	2.8198	3.0155	3.2588	3.1822
Cd-102	2.1641	2.2889	2.5617	2.5782
Cd-103	2.1053	2.2726	2.5278	2.5000
Cd-104	1.6148	1.6883	1.9574	2.0340
Cd-105	1.4262	1.5345	1.7258	1.7238
Cd-107	0.6223	0.6468	0.9000	1.0327
Cd-109	0.5687	0.5913	0.8316	0.9587
Cd-111m	2.1427	2.2395	2.4606	2.4744
Cd-113	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0006	0.0006	0.0008	0.0008
Cd-115	0.5532	0.5861	0.6295	0.6160
Cd-115m	0.0485	0.0526	0.0555	0.0528
Cd-117	1.9653	2.1058	2.2418	2.1538
Cd-117m	2.2980	2.4991	2.6362	2.4995
Cd-118	0.0000	0.0000	0.0000	0.0000
Cd-119	2.3760	2.5554	2.7126	2.5948
Cd-119m	2.7057	2.9385	3.1030	2.9467
Ce-130	2.6362	2.7405	3.0477	3.1120
Ce-131	3.0647	3.2444	3.5791	3.5816
Ce-132	2.5711	2.6693	2.9493	3.0088
Ce-133	2.0293	2.0813	2.3607	2.4582
Ce-133m	4.2679	4.5024	4.9191	4.8897
Ce-134	0.6034	0.6092	0.7555	0.8381
Ce-135	3.1291	3.2871	3.6128	3.6277
Ce-137	0.6559	0.6747	0.9034	1.0311
Ce-137m	0.6430	0.6571	0.7839	0.8432
Ce-139	1.9812	2.0479	2.2944	2.3748

Nuclide	avg400	ctr400	mid400	cnr400
Ce-141	0.9557	0.9901	1.0677	1.0762
Ce-143	1.6219	1.6853	1.8714	1.8986
Ce-144	0.2812	0.2898	0.3176	0.3237
Ce-145	2.5971	2.7316	3.0039	3.0163
Cf-244	0.0495	0.0585	0.1159	0.1467
Cf-246	0.0343	0.0404	0.0797	0.1008
Cf-247	1.5962	1.7263	2.3521	2.6362
Cf-248	0.0415	0.0488	0.0957	0.1208
Cf-249	1.4362	1.5281	1.7563	1.7852
Cf-250	0.0466	0.0533	0.0901	0.1086
Cf-251	1.5699	1.6727	2.0561	2.1997
Cf-252	0.7337	0.7907	0.8709	0.8592
Cf-253	0.1155	0.1336	0.2601	0.3274
Cf-254	25.8380	27.7309	29.3673	28.2305
Cf-255	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0000	0.0000	0.0000	0.0000
Cl-34m	1.6447	1.7713	1.8689	1.7887
Cl-36	0.0001	0.0002	0.0006	0.0008
Cl-38	1.0253	1.1275	1.1887	1.1101
Cl-39	2.1109	2.2739	2.4103	2.2962
Cl-40	2.7102	2.9820	3.1419	2.9414
Cm-238	1.2922	1.3738	1.6733	1.7836
Cm-239	3.0763	3.2512	3.7413	3.8735
Cm-240	0.0534	0.0646	0.1319	0.1681
Cm-241	2.9881	3.2085	3.9775	4.2467
Cm-242	0.0479	0.0579	0.1183	0.1509
Cm-243	1.4894	1.6025	2.0439	2.2193
Cm-244	0.0411	0.0497	0.1016	0.1295
Cm-245	1.6247	1.7373	2.1627	2.3293
Cm-246	0.0383	0.0456	0.0873	0.1093
Cm-247	1.1632	1.2279	1.3231	1.2911
Cm-248	2.0448	2.1988	2.3652	2.2975
Cm-249	0.0804	0.0967	0.1856	0.2325
Cm-250	20.3859	21.8806	23.1791	22.2850
Cm-251	0.4098	0.4369	0.4994	0.5091
Co-54m	4.2042	4.5393	4.8099	4.5731
Co-55	1.8838	2.0468	2.2072	2.1342
Co-56	3.6563	4.0158	4.3845	4.2460
Co-57	1.7300	1.8536	2.3450	2.5512
Co-58	1.4946	1.6476	1.8945	1.9160

Nuclide	avg400	ctr400	mid400	cnr400
Co-58m	0.0579	0.0879	0.2889	0.4027
Co-60	2.8953	3.1579	3.3302	3.1343
Co-60m	0.0915	0.1255	0.3481	0.4721
Co-61	1.1627	1.2093	1.3063	1.2694
Co-62	1.6725	1.8268	1.9254	1.8135
Co-62m	2.9766	3.2484	3.4243	3.2271
Cr-48	3.1412	3.3026	3.6047	3.5885
Cr-49	1.5173	1.5765	1.6679	1.6374
Cr-51	0.1831	0.2087	0.3332	0.3922
Cr-55	0.0006	0.0007	0.0007	0.0007
Cr-56	1.6531	1.7176	1.9323	1.9739
Cs-121	1.0933	1.1486	1.2399	1.2309
Cs-121m	2.0502	2.1545	2.3304	2.3166
Cs-123	1.4777	1.5470	1.6961	1.7050
Cs-124	0.5688	0.6034	0.6516	0.6368
Cs-125	1.1836	1.2391	1.3836	1.4071
Cs-126	0.9293	0.9818	1.0669	1.0502
Cs-127	1.8798	1.9582	2.1942	2.2346
Cs-128	0.6213	0.6510	0.7268	0.7348
Cs-129	1.6337	1.6898	1.9469	2.0281
Cs-130m	1.3470	1.3842	1.6320	1.7370
Cs-130	0.3655	0.3738	0.4549	0.4955
Cs-131	0.5063	0.5110	0.6471	0.7259
Cs-132	1.9687	2.0822	2.2970	2.3240
Cs-134	3.1706	3.4152	3.5941	3.4661
Cs-134m	0.4635	0.4887	0.6597	0.7482
Cs-135	0.0000	0.0000	0.0000	0.0000
Cs-135m	2.8382	3.0854	3.2416	3.1009
Cs-136	4.2915	4.6147	4.8868	4.7015
Cs-137	1.5957	1.7072	1.6886	1.8991
Cs-138m	1.1778	1.2396	1.3936	1.4159
Cs-138	2.7888	3.0229	3.1986	3.0365
Cs-139	0.2882	0.3145	0.3316	0.3126
Cs-140	1.9030	2.0654	2.1775	2.0745
Cu-57	0.1485	0.1618	0.1709	0.1620
Cu-59	0.7124	0.7694	0.8188	0.7835
Cu-60	2.8369	3.1041	3.2942	3.1115
Cu-61	0.5683	0.6185	0.7603	0.8012
Cu-62	0.0103	0.0119	0.0185	0.0214
Cu-64	0.0413	0.0599	0.1807	0.2484

Nuclide	avg400	ctr400	mid400	cnr400
Cu-66	0.1406	0.1529	0.1612	0.1533
Cu-67	1.2151	1.2769	1.3997	1.4082
Cu-69	0.8399	0.9100	0.9594	0.9164
Dy-148	2.2392	2.3609	2.6005	2.6329
Dy-149	3.5366	3.7481	4.1177	4.1160
Dy-150	1.4137	1.4759	1.6466	1.6675
Dy-151	3.3110	3.5214	3.9246	3.9468
Dy-152	2.2845	2.3770	2.6510	2.6991
Dy-153	4.0328	4.2136	4.7186	4.8186
Dy-154	0.0000	0.0000	0.0000	0.0000
Dy-155	2.9037	3.0442	3.3670	3.4039
Dy-157	2.3240	2.4277	2.7060	2.7412
Dy-159	1.0146	1.0411	1.2450	1.3432
Dy-165m	0.2142	0.2362	0.3636	0.4291
Dy-165	0.2116	0.2205	0.2484	0.2554
Dy-166	0.8271	0.8638	1.0551	1.1371
Dy-167	2.1489	2.2675	2.4671	2.4495
Dy-168	1.9768	2.0797	2.3031	2.3262
Er-154	1.0563	1.0982	1.4024	1.5561
Er-156	1.3067	1.3818	1.8872	2.1477
Er-159	2.7752	2.9373	3.2534	3.2839
Er-161	2.8796	3.0647	3.4248	3.4613
Er-163	0.8769	0.9068	1.0897	1.1736
Er-165	0.8433	0.8727	1.0534	1.1369
Er-167m	0.9332	0.9841	1.1253	1.1613
Er-169	0.0017	0.0026	0.0084	0.0116
Er-171	2.5714	2.7025	2.9896	3.0020
Er-172	2.2046	2.3243	2.5920	2.6207
Er-173	4.0439	4.2707	4.6612	4.6629
Es-249	2.4915	2.6463	3.1069	3.2274
Es-250	6.2309	6.7106	8.4186	9.0356
Es-250m	2.1294	2.2786	2.7023	2.8186
Es-251	1.5479	1.6629	2.1862	2.4124
Es-253	0.0147	0.0172	0.0328	0.0412
Es-254	0.4750	0.5693	1.1774	1.5036
Es-254m	1.2054	1.3041	1.5300	1.5849
Es-255	0.0010	0.0011	0.0012	0.0011
Es-256	0.0739	0.0835	0.1534	0.1906
Eu-142	0.3425	0.3692	0.3960	0.3844
Eu-142m	4.8116	5.1960	5.5788	5.4266

Nuclide	avg400	ctr400	mid400	cnr400
Eu-143	0.5917	0.6275	0.6913	0.6887
Eu-144	0.2640	0.2814	0.3100	0.3073
Eu-145	2.4399	2.5949	2.8371	2.8207
Eu-146	4.6099	4.9319	5.2871	5.1843
Eu-147	2.3851	2.4822	2.7537	2.8096
Eu-148	5.3389	5.6726	6.0989	6.0026
Eu-149	0.8988	0.9250	1.1463	1.2540
Eu-150	4.9355	5.2118	5.6414	5.5610
Eu-150m	0.1948	0.2028	0.2263	0.2296
Eu-152	3.0966	3.2732	3.5664	3.5396
Eu-152m	0.8231	0.8699	0.9531	0.9537
Eu-152n	1.3324	1.3990	1.6554	1.7400
Eu-154	2.7654	2.9515	3.1653	3.0957
Eu-154m	1.3372	1.4079	1.7730	1.9203
Eu-155	1.0617	1.0997	1.2096	1.2255
Eu-156	1.6674	1.8032	1.9343	1.8686
Eu-157	1.7761	1.8584	2.1407	2.2075
Eu-158	2.1815	2.3548	2.5476	2.4861
Eu-159	2.0283	2.1066	2.3662	2.4274
F-17	0.0005	0.0005	0.0006	0.0005
F-18	0.0000	0.0000	0.0000	0.0000
Fe-52	1.7086	1.7966	1.9740	1.9975
Fe-53	0.6139	0.6495	0.6986	0.6792
Fe-53m	4.1553	4.5141	4.7528	4.5231
Fe-55	0.0479	0.0728	0.2395	0.3340
Fe-59	1.5319	1.6662	1.7573	1.6622
Fe-60	0.0000	0.0000	0.0000	0.0000
Fe-61	2.0512	2.2170	2.3425	2.2310
Fe-62	1.3715	1.4551	1.5517	1.5047
Fm-251	1.5880	1.6940	2.1232	2.2916
Fm-252	0.0378	0.0434	0.0817	0.1020
Fm-253	1.0846	1.1770	1.6689	1.8990
Fm-254	0.0486	0.0550	0.0944	0.1144
Fm-255	0.3989	0.4682	0.9237	1.1647
Fm-256	19.2090	20.6163	21.8409	21.0043
Fm-257	1.6294	1.7411	2.2109	2.3998
Fr-212	3.1066	3.3495	3.8819	3.9688
Fr-219	0.0166	0.0176	0.0194	0.0192
Fr-220	0.1706	0.1894	0.2726	0.3122
Fr-221	0.2504	0.2648	0.2958	0.2995

Nuclide	avg400	ctr400	mid400	cnr400
Fr-222	1.4178	1.5207	1.8215	1.9169
Fr-223	0.8667	0.9269	1.1895	1.3073
Fr-224	1.6723	1.7919	2.0155	2.0326
Fr-227	2.5524	2.7060	3.0564	3.1014
Ga-64	2.0791	2.2780	2.4084	2.2771
Ga-65	1.5772	1.6740	1.9457	2.0159
Ga-66	1.3994	1.5603	1.8014	1.8001
Ga-67	1.5123	1.6465	2.2147	2.4583
Ga-68	0.0646	0.0754	0.1193	0.1393
Ga-70	0.0151	0.0165	0.0190	0.0193
Ga-72	3.1758	3.4609	3.6407	3.4621
Ga-73	1.7974	1.9674	2.6192	2.8727
Ga-74	3.4839	3.7769	3.9825	3.7985
Gd-142	1.4096	1.4855	1.6250	1.6226
Gd-143m	3.7853	4.0032	4.3524	4.3111
Gd-144	0.8895	0.9351	1.0473	1.0637
Gd-145m	1.4691	1.5887	1.7883	1.8053
Gd-145	2.1958	2.3655	2.5671	2.4994
Gd-146	3.9793	4.0941	4.5650	4.7124
Gd-147	4.5184	4.7705	5.1817	5.1398
Gd-148	0.0000	0.0000	0.0000	0.0000
Gd-149	3.1776	3.3119	3.6532	3.7010
Gd-150	0.0000	0.0000	0.0000	0.0000
Gd-151	1.1064	1.1450	1.4128	1.5411
Gd-152	0.0000	0.0000	0.0000	0.0000
Gd-153	2.0064	2.0561	2.3319	2.4325
Gd-159	0.3983	0.4138	0.4677	0.4803
Gd-162	1.4294	1.5133	1.6649	1.6469
Ge-66	2.1644	2.3264	2.9219	3.1366
Ge-67	1.8533	1.9594	2.1053	2.0857
Ge-68	0.1178	0.1791	0.5877	0.8191
Ge-69	1.1508	1.2872	1.6696	1.7936
Ge-71	0.1195	0.1816	0.5961	0.8308
Ge-75	0.2027	0.2129	0.2280	0.2235
Ge-77	3.4935	3.7043	3.9492	3.8493
Ge-78	1.5193	1.5977	1.7090	1.6686
H-3	0.0000	0.0000	0.0000	0.0000
Hf-167	1.6560	1.7444	1.9716	1.9960
Hf-169	2.3643	2.4936	2.8306	2.8733
Hf-170	3.1418	3.3195	3.8900	4.0536

Nuclide	avg400	ctr400	mid400	cnr400
Hf-172	2.0909	2.2194	2.8861	3.1698
Hf-173	3.9840	4.1702	4.6705	4.7490
Hf-174	0.0000	0.0000	0.0000	0.0000
Hf-175	2.4554	2.5872	2.9689	3.0325
Hf-177m	14.6517	15.4505	17.1784	17.2528
Hf-178m	10.6012	11.2106	12.3849	12.3665
Hf-179m	5.8451	6.1703	7.0089	7.1325
Hf-180m	5.3913	5.6900	6.3171	6.3181
Hf-181	2.6006	2.7456	3.0639	3.0828
Hf-182	1.5674	1.6475	1.8049	1.7948
Hf-182m	4.4669	4.7318	5.3498	5.4173
Hf-183	2.3814	2.5364	2.7463	2.6895
Hf-184	2.1837	2.3606	3.1336	3.4643
Hg-190	2.8557	3.0357	3.6645	3.8651
Hg-191m	5.0749	5.4230	6.2185	6.3080
Hg-192	2.7946	2.9843	3.6472	3.8450
Hg-193	2.9091	3.1320	3.7364	3.8699
Hg-193m	2.9649	3.1791	3.6432	3.6821
Hg-194	0.0726	0.1081	0.3267	0.4509
Hg-195	1.5892	1.7253	2.2640	2.4642
Hg-195m	1.5857	1.7526	2.4947	2.8217
Hg-197	1.4111	1.5281	2.0421	2.2446
Hg-197m	1.3533	1.4681	1.9518	2.1565
Hg-199m	2.0272	2.1621	2.6129	2.7577
Hg-203	1.4366	1.5151	1.6617	1.6480
Hg-205	0.0483	0.0510	0.0564	0.0568
Hg-206	0.6667	0.7065	0.7826	0.7787
Hg-207	3.9161	4.2279	4.5538	4.3900
Ho-150	2.1240	2.2918	2.4316	2.3565
Ho-153	2.4655	2.5970	2.8450	2.8367
Ho-153m	2.8429	2.9836	3.2906	3.3172
Ho-154m	6.2133	6.5830	7.0908	6.9353
Ho-154	3.2424	3.4472	3.7119	3.6267
Ho-155	2.2429	2.3498	2.6821	2.7693
Ho-156	4.4710	4.7336	5.1439	5.0963
Ho-157	3.4065	3.5595	4.0281	4.1400
Ho-159	3.8338	3.9851	4.4762	4.6046
Ho-160	4.4589	4.7543	5.2130	5.2026
Ho-161	1.2255	1.2715	1.5919	1.7492
Ho-162	1.1839	1.2303	1.4759	1.5806

Nuclide	avg400	ctr400	mid400	cnr400
Ho-162m	2.4426	2.5843	3.0380	3.1765
Ho-163	0.0019	0.0029	0.0096	0.0134
Ho-164	0.6463	0.6694	0.8142	0.8813
Ho-164m	1.0591	1.1246	1.5542	1.7742
Ho-166	0.2491	0.2657	0.3427	0.3755
Ho-166m	5.1638	5.5049	5.9687	5.9038
Ho-167	1.8907	1.9927	2.1821	2.1639
Ho-168	1.9430	2.0965	2.2845	2.2535
Ho-168m	0.1681	0.1874	0.3140	0.3825
Ho-170	4.4960	4.8033	5.2480	5.1965
I-118m	5.9441	6.3754	6.7476	6.5378
I-118	2.0275	2.1751	2.3047	2.2321
I-119	1.8825	1.9704	2.1625	2.1649
I-120	2.4159	2.6025	2.7836	2.6919
I-120m	5.0937	5.4608	5.7990	5.6237
I-121	2.0906	2.1816	2.4194	2.4603
I-122	0.4288	0.4531	0.5029	0.5079
I-123	1.9816	2.0521	2.2947	2.3703
I-124	1.7525	1.8637	2.0489	2.0497
I-125	0.9158	0.9260	1.1873	1.3379
I-126	1.3209	1.3950	1.5339	1.5361
I-128	0.2290	0.2409	0.2644	0.2630
I-129	0.5500	0.5535	0.6876	0.7647
I-130m	0.3647	0.3859	0.4606	0.4857
I-130	4.7138	5.0528	5.3359	5.1587
I-131	1.5435	1.6401	1.5962	1.8411
I-132	4.2358	4.5701	4.8083	4.6272
I-132m	1.0903	1.1618	1.3355	1.3783
I-133	1.4605	1.5567	1.6535	1.6012
I-134m	1.9152	1.9889	2.2315	2.2811
I-134	4.3828	4.7437	4.9978	4.7847
I-135	1.9265	2.0932	2.2106	2.0929
In-103	3.1488	3.3804	3.5888	3.4703
In-105	2.7351	2.9078	3.1203	3.0613
In-106	5.1138	5.5121	5.8343	5.6345
In-106m	2.3332	2.5240	2.6706	2.5699
In-107	2.4231	2.5817	2.8218	2.7895
In-108	6.5916	7.0948	7.5840	7.3593
In-108m	2.3606	2.5532	2.7482	2.6719
In-109	2.4360	2.5691	2.8481	2.8725

Nuclide	avg400	ctr400	mid400	cnr400
In-109m	1.3550	1.4525	1.5332	1.4950
In-110	5.9610	6.4233	6.8869	6.7225
In-110m	1.7472	1.8751	2.0209	1.9911
In-111	3.4149	3.5675	3.9385	3.9856
In-111m	1.2552	1.3329	1.4302	1.3998
In-112	0.2192	0.2295	0.2869	0.3127
In-112m	0.5201	0.5366	0.6592	0.7184
In-113m	1.0354	1.0884	1.2020	1.1972
In-114	0.0049	0.0052	0.0061	0.0063
In-114m	0.5516	0.5771	0.6774	0.7137
In-115	0.0000	0.0000	0.0000	0.0000
In-115m	0.8611	0.9038	1.0172	1.0292
In-116m	3.1043	3.3696	3.5596	3.3710
In-117	2.9144	3.0693	3.2648	3.2167
In-117m	0.6691	0.6998	0.7757	0.7848
In-118m	3.9372	4.2721	4.5027	4.2830
In-118	0.0966	0.1051	0.1109	0.1047
In-119	1.5216	1.6491	1.7808	1.7442
In-119m	0.1511	0.1620	0.1928	0.2005
In-121	1.5951	1.7280	1.8212	1.7431
In-121m	0.5017	0.5167	0.6014	0.6267
Ir-180	3.6949	3.9415	4.4387	4.4689
Ir-182	3.5276	3.7566	4.2737	4.3257
Ir-183	3.4588	3.7118	4.3977	4.5213
Ir-184	5.3151	5.6811	6.4456	6.4855
Ir-185	2.9824	3.2246	4.0839	4.3522
Ir-186	5.1464	5.4920	6.2187	6.2560
Ir-186m	2.9738	3.1957	3.6327	3.6585
Ir-187	2.0327	2.1882	2.7646	2.9423
Ir-188	3.6877	3.9718	4.5163	4.5266
Ir-189	1.3081	1.4145	1.9149	2.1062
Ir-190	5.7781	6.1423	6.8528	6.8608
Ir-190m	0.0670	0.1015	0.3275	0.4557
Ir-190n	1.0949	1.1739	1.5361	1.6635
Ir-191m	1.2951	1.4064	1.9197	2.1340
Ir-192	3.3975	3.5968	3.8838	3.7969
Ir-192m	0.0788	0.1181	0.3651	0.5054
Ir-192n	0.1728	0.2549	0.7679	1.0587
Ir-193m	0.0722	0.1066	0.3299	0.4561
Ir-194	0.3130	0.3324	0.3570	0.3470

Nuclide	avg400	ctr400	mid400	cnr400
Ir-194m	7.1973	7.6543	8.2332	8.0470
Ir-195	1.0599	1.1434	1.5096	1.6501
Ir-195m	2.0451	2.1807	2.5491	2.6197
Ir-196	0.6295	0.6719	0.7194	0.6970
Ir-196m	7.6085	8.0938	8.8017	8.6581
K-38	1.3682	1.5090	1.5886	1.4814
K-40	0.1520	0.1666	0.1793	0.1703
K-42	0.2614	0.2858	0.3020	0.2831
K-43	2.8022	2.9768	3.1581	3.0661
K-44	2.1540	2.3559	2.4826	2.3382
K-45	2.6858	2.8802	3.0424	2.9243
K-46	2.1301	2.3391	2.4648	2.3039
Kr-74	2.1378	2.2704	2.6000	2.6670
Kr-75	2.0048	2.1139	2.3335	2.3630
Kr-76	2.2278	2.4162	2.9985	3.2006
Kr-77	2.1620	2.2675	2.4855	2.5138
Kr-79	0.7950	0.8991	1.2834	1.4603
Kr-81	0.1574	0.2267	0.5767	0.7781
Kr-81m	1.2073	1.2855	1.4531	1.4903
Kr-83m	0.0673	0.0976	0.2582	0.3502
Kr-85	0.0060	0.0063	0.0068	0.0066
Kr-85m	1.4986	1.5713	1.6927	1.6917
Kr-87	1.1416	1.2245	1.3012	1.2466
Kr-88	2.0070	2.1837	2.3416	2.2530
Kr-89	2.4808	2.6789	2.8363	2.7139
La-128	4.5460	4.8477	5.1724	5.0160
La-129	1.7976	1.8774	2.0623	2.0729
La-130	3.2407	3.4557	3.7019	3.5963
La-131	2.2654	2.3581	2.6143	2.6503
La-132	2.8280	3.0109	3.2586	3.1955
La-132m	2.5124	2.6378	2.8987	2.9175
La-133	0.7495	0.7771	0.9986	1.1126
La-134	0.3189	0.3285	0.3883	0.4148
La-135	0.6036	0.6098	0.7564	0.8392
La-136	0.4200	0.4269	0.5233	0.5751
La-137	0.5571	0.5617	0.7037	0.7858
La-138	1.7181	1.8517	2.0174	1.9730
La-140	3.0391	3.2857	3.4822	3.3148
La-141	0.0273	0.0298	0.0314	0.0295
La-142	2.1623	2.3574	2.4822	2.3552

Nuclide	avg400	ctr400	mid400	cnr400
La-143	0.3110	0.3378	0.3560	0.3386
Lu-165	3.4930	3.6823	4.1515	4.2227
Lu-167	3.7747	4.0214	4.5727	4.6381
Lu-169m	0.0483	0.0735	0.2414	0.3365
Lu-169	3.5622	3.7943	4.2955	4.3510
Lu-170	3.5066	3.7830	4.2417	4.2225
Lu-171m	0.0570	0.0836	0.2605	0.3603
Lu-171	2.9276	3.1336	3.8353	4.0789
Lu-172	4.9116	5.2616	5.9115	5.9444
Lu-172m	0.0435	0.0661	0.2171	0.3026
Lu-173	2.5712	2.6902	3.1738	3.3323
Lu-174	1.1842	1.2516	1.5705	1.6992
Lu-174m	1.2026	1.2979	1.8379	2.0916
Lu-176	3.4328	3.6310	4.0735	4.1120
Lu-176m	0.2797	0.3029	0.4187	0.4702
Lu-177	0.3739	0.3938	0.4462	0.4565
Lu-177m	7.5603	7.9525	8.8715	8.9535
Lu-178	0.3213	0.3471	0.4218	0.4413
Lu-178m	6.3506	6.6910	7.3723	7.3496
Lu-179	0.2267	0.2382	0.2562	0.2538
Lu-180	3.1810	3.4117	3.7434	3.6769
Lu-181	2.3287	2.4923	2.9222	3.0281
Mg-27	1.4705	1.5989	1.6805	1.6033
Mg-28	2.3982	2.5537	2.7488	2.6813
Mn-50m	4.8325	5.2591	5.5367	5.2541
Mn-51	0.0087	0.0099	0.0143	0.0161
Mn-52	4.3518	4.7460	5.0892	4.8958
Mn-52m	1.4248	1.5567	1.6460	1.5457
Mn-53	0.0390	0.0593	0.1951	0.2719
Mn-54	1.4827	1.6302	1.8440	1.8461
Mn-56	2.0365	2.2227	2.3363	2.2153
Mn-57	0.5038	0.5613	0.8066	0.9207
Mn-58m	3.2249	3.5057	3.6932	3.5053
Mo-101	2.4941	2.6885	2.9025	2.8252
Mo-102	0.1632	0.1708	0.1823	0.1805
Mo-89	0.3100	0.3373	0.3623	0.3497
Mo-90	3.2920	3.4828	3.9902	4.0761
Mo-91m	1.3543	1.4669	1.5621	1.5037
Mo-91	0.0298	0.0335	0.0495	0.0557
Mo-93	0.2597	0.2959	0.5296	0.6412

Nuclide	avg400	ctr400	mid400	cnr400
Mo-93m	3.8149	4.1109	4.4173	4.2800
Mo-99	0.4614	0.4917	0.5285	0.5207
N-13	0.0000	0.0000	0.0000	0.0000
N-16	0.9445	1.0701	1.1170	1.0212
Na-22	1.4427	1.5743	1.6599	1.5586
Na-24	2.7681	3.0488	3.2139	3.0028
Nb-87	2.2794	2.4108	2.7158	2.7657
Nb-88m	5.1960	5.6036	5.9425	5.6978
Nb-88	6.2794	6.7634	7.3050	7.1020
Nb-89	0.5153	0.5697	0.6594	0.6576
Nb-89m	1.2863	1.3734	1.5094	1.4898
Nb-90	4.3309	4.6965	5.1342	5.0106
Nb-91	0.2465	0.2897	0.5426	0.6649
Nb-91m	0.2579	0.2921	0.4944	0.5880
Nb-92	3.1079	3.3697	3.7866	3.7815
Nb-92m	1.7477	1.9222	2.2619	2.3050
Nb-93m	0.0491	0.0569	0.1080	0.1332
Nb-94m	0.1846	0.2103	0.3724	0.4495
Nb-94	2.8514	3.0888	3.2440	3.1130
Nb-95	1.4281	1.5499	1.6255	1.5575
Nb-95m	0.5982	0.6432	0.8294	0.8959
Nb-96	4.5468	4.9070	5.1755	4.9635
Nb-97	1.4270	1.5325	1.6101	1.5619
Nb-98m	4.4683	4.8456	5.0997	4.8739
Nb-99	2.3640	2.4695	2.7281	2.7637
Nb-99m	0.9549	1.0293	1.1058	1.0690
Nd-134	2.5939	2.6938	2.9517	2.9906
Nd-135	2.9473	3.0802	3.4064	3.4465
Nd-136	2.0564	2.1155	2.4129	2.5217
Nd-137	2.5524	2.6796	2.9548	2.9718
Nd-138	0.7305	0.7395	0.8848	0.9594
Nd-139	0.8258	0.8528	0.9795	1.0233
Nd-139m	4.0902	4.3317	4.7007	4.6716
Nd-140	0.6350	0.6399	0.7776	0.8533
Nd-141	0.6625	0.6696	0.8071	0.8799
Nd-141m	1.3631	1.4738	1.5546	1.5002
Nd-144	0.0000	0.0000	0.0000	0.0000
Nd-147	1.1186	1.1550	1.2757	1.2981
Nd-149	2.2618	2.3648	2.5545	2.5425
Nd-151	2.7033	2.8545	3.0436	2.9824

Nuclide	avg400	ctr400	mid400	cnr400
Nd-152	0.9456	0.9977	1.1243	1.1376
Ne-19	0.0003	0.0003	0.0003	0.0003
Ne-24	1.4885	1.5797	1.6844	1.6309
Ni-56	4.9294	5.2819	5.8110	5.7893
Ni-57	1.7425	1.9062	2.1415	2.1110
Ni-59	0.0676	0.1028	0.3382	0.4715
Ni-63	0.0000	0.0000	0.0000	0.0000
Ni-65	0.6514	0.7084	0.7486	0.7069
Ni-66	0.0000	0.0000	0.0000	0.0000
Np-232	4.2298	4.5580	5.2943	5.4312
Np-233	1.3735	1.4666	1.7934	1.9124
Np-234	2.3438	2.5490	3.0530	3.1701
Np-235	0.1692	0.2147	0.4756	0.6182
Np-236	2.3995	2.6187	3.5687	4.0001
Np-236m	0.7268	0.7808	0.9848	1.0659
Np-237	0.6586	0.7369	1.1438	1.3494
Np-238	1.0420	1.1512	1.4026	1.4625
Np-239	2.0886	2.2313	2.7449	2.9304
Np-240	3.2005	3.4708	4.1898	4.3928
Np-240m	0.8303	0.9077	1.1291	1.1998
Np-241	0.5202	0.5554	0.6834	0.7316
Np-242	0.3625	0.3972	0.4466	0.4436
Np-242m	2.5996	2.8455	3.5205	3.7328
O-14	1.3488	1.4908	1.5682	1.4612
O-15	0.0000	0.0000	0.0000	0.0000
O-19	2.4673	2.6231	2.7736	2.6879
Os-180	1.4337	1.5497	2.1046	2.3243
Os-181	4.3887	4.6959	5.4070	5.4897
Os-182	2.7616	2.9425	3.5332	3.6913
Os-183	4.0286	4.2705	5.0023	5.1348
Os-183m	2.3719	2.5592	2.9715	3.0099
Os-185	2.3490	2.5182	2.9089	2.9717
Os-186	0.0000	0.0000	0.0000	0.0000
Os-189m	0.0639	0.0970	0.3147	0.4381
Os-190m	5.6563	6.0303	6.7317	6.7580
Os-191	1.4221	1.5375	2.0551	2.2633
Os-191m	0.1774	0.2163	0.4545	0.5806
Os-193	0.4940	0.5295	0.6553	0.6944
Os-194	0.1106	0.1399	0.3300	0.4371
Os-196	0.5552	0.5876	0.6742	0.6862

Nuclide	avg400	ctr400	mid400	cnr400
P-30	0.0010	0.0011	0.0012	0.0011
P-32	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000
Pa-227	0.4249	0.4686	0.6652	0.7543
Pa-228	4.1680	4.5241	5.4305	5.6661
Pa-229	1.1251	1.2136	1.5505	1.6872
Pa-230	2.3404	2.5401	3.0782	3.2337
Pa-231	0.4902	0.5762	1.0329	1.2723
Pa-232	2.2312	2.4298	2.8540	2.9350
Pa-233	1.6931	1.8260	2.2755	2.4290
Pa-234	4.3130	4.6696	5.4915	5.6763
Pa-234m	0.0355	0.0386	0.0451	0.0462
Pa-235	0.0229	0.0348	0.1141	0.1590
Pa-236	1.5877	1.7335	2.0206	2.0672
Pa-237	1.2299	1.3333	1.4641	1.4434
Pb-194	3.6144	3.8691	4.4325	4.5001
Pb-195m	5.0431	5.4210	6.2499	6.3590
Pb-196	3.1748	3.3769	3.9303	4.0395
Pb-197	3.5009	3.7619	4.2386	4.2348
Pb-197m	4.3998	4.7142	5.4399	5.5467
Pb-198	3.0608	3.2577	3.7998	3.9108
Pb-199	2.9000	3.1098	3.5515	3.5831
Pb-200	2.5950	2.7663	3.3446	3.5267
Pb-201	3.3117	3.5357	4.0363	4.0838
Pb-201m	1.2319	1.3219	1.5017	1.5301
Pb-202	0.0679	0.1020	0.3157	0.4372
Pb-202m	4.4242	4.7628	5.1664	5.0560
Pb-203	2.6025	2.7645	3.2284	3.3224
Pb-204m	4.2080	4.5349	4.8307	4.6575
Pb-205	0.0688	0.1033	0.3195	0.4424
Pb-209	0.0000	0.0000	0.0000	0.0000
Pb-210	0.1280	0.1657	0.3763	0.4954
Pb-211	0.1666	0.1785	0.1931	0.1888
Pb-212	1.2999	1.3756	1.5695	1.6030
Pb-214	1.4047	1.4938	1.6958	1.7155
Pd-100	2.2942	2.3831	2.7922	2.9136
Pd-101	1.4047	1.4871	1.8717	2.0191
Pd-103	0.3425	0.3611	0.5451	0.6414
Pd-107	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.0859	1.1383	1.2611	1.2800

Nuclide	avg400	ctr400	mid400	cnr400
Pd-109	0.2313	0.2414	0.3309	0.3764
Pd-111	0.1011	0.1080	0.1155	0.1120
Pd-112	0.1236	0.1365	0.2327	0.2811
Pd-114	0.2077	0.2169	0.2318	0.2293
Pd-96	3.1263	3.3254	3.6312	3.6086
Pd-97	2.8519	3.0592	3.3054	3.2146
Pd-98	2.2903	2.4035	2.7304	2.8025
Pd-99	2.5532	2.6970	2.9537	2.9498
Pm-136	4.3599	4.6618	4.9478	4.7860
Pm-137m	4.6592	4.8888	5.2827	5.2454
Pm-139	0.7513	0.7867	0.8704	0.8759
Pm-140m	4.6589	5.0028	5.3258	5.1477
Pm-140	0.3067	0.3257	0.3550	0.3521
Pm-141	0.5931	0.6177	0.7030	0.7259
Pm-142	0.2182	0.2251	0.2614	0.2749
Pm-143	1.2134	1.2647	1.4328	1.4832
Pm-144	4.1376	4.3906	4.7315	4.6878
Pm-145	0.6902	0.6986	0.8478	0.9262
Pm-146	2.1862	2.3116	2.5142	2.4964
Pm-147	0.0001	0.0001	0.0001	0.0001
Pm-148	0.8318	0.8988	0.9500	0.9067
Pm-148m	4.7106	5.0322	5.3309	5.1776
Pm-149	0.0562	0.0594	0.0650	0.0644
Pm-150	2.6374	2.8341	3.0049	2.8759
Pm-151	1.7589	1.8428	2.0016	1.9933
Pm-152m	4.2554	4.5049	4.8331	4.7348
Pm-152	0.7574	0.8024	0.8630	0.8511
Pm-153	0.9866	1.0218	1.1446	1.1785
Pm-154	2.3029	2.4862	2.6769	2.5926
Pm-154m	3.9532	4.2055	4.5290	4.4324
Po-203	3.8447	4.1503	4.6987	4.7299
Po-204	4.9345	5.3225	6.3665	6.6409
Po-205	3.7072	4.0051	4.5113	4.5250
Po-206	4.1010	4.4336	5.2410	5.4200
Po-207	3.3625	3.6242	4.0816	4.0982
Po-208	0.0001	0.0001	0.0001	0.0001
Po-209	0.0279	0.0313	0.0459	0.0526
Po-210	0.0000	0.0000	0.0000	0.0000
Po-211	0.0162	0.0174	0.0185	0.0178
Po-212m	0.0633	0.0690	0.0729	0.0692

Nuclide	avg400	ctr400	mid400	cnr400
Po-212	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0001	0.0001	0.0001
Po-214	0.0002	0.0002	0.0002	0.0002
Po-215	0.0006	0.0006	0.0006	0.0006
Po-216	0.0000	0.0000	0.0000	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000
Pr-134	5.9593	6.3469	6.7639	6.5752
Pr-134m	2.6664	2.8458	3.0446	2.9462
Pr-135	1.8098	1.8821	2.0910	2.1255
Pr-136	2.9339	3.1283	3.3588	3.2802
Pr-137	0.6335	0.6488	0.7641	0.8156
Pr-138	0.2177	0.2241	0.2624	0.2788
Pr-138m	4.9896	5.3366	5.7315	5.5937
Pr-139	0.5950	0.6007	0.7301	0.8005
Pr-140	0.3167	0.3196	0.3887	0.4263
Pr-142	0.0520	0.0568	0.0601	0.0563
Pr-142m	0.0031	0.0047	0.0153	0.0214
Pr-143	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0329	0.0357	0.0376	0.0358
Pr-144m	0.2639	0.2722	0.3674	0.4202
Pr-145	0.0424	0.0452	0.0487	0.0478
Pr-146	1.5277	1.6439	1.7429	1.6669
Pr-147	2.2183	2.3078	2.5668	2.6129
Pr-148	1.9845	2.1239	2.2554	2.1693
Pr-148m	2.9207	3.0999	3.3017	3.2021
Pt-184	5.5699	5.9434	7.1684	7.5015
Pt-186	2.9385	3.1491	3.7017	3.8115
Pt-187	3.4537	3.6919	4.4456	4.6314
Pt-188	2.3177	2.4769	3.0663	3.2476
Pt-189	3.1056	3.3269	4.0765	4.2850
Pt-190	0.0000	0.0000	0.0000	0.0000
Pt-191	2.7279	2.9134	3.6003	3.7958
Pt-193	0.0710	0.1070	0.3361	0.4662
Pt-193m	0.2766	0.3266	0.6148	0.7638
Pt-195m	1.4671	1.6148	2.3436	2.6683
Pt-197	0.4148	0.4588	0.6627	0.7569
Pt-197m	0.9774	1.0821	1.5779	1.7968
Pt-199	0.7106	0.7573	0.8421	0.8421
Pt-200	0.8281	0.8952	1.1768	1.2884
Pt-202	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Pu-232	1.0177	1.0853	1.3282	1.4181
Pu-234	1.1214	1.2000	1.4951	1.6100
Pu-235	1.4435	1.5509	1.9728	2.1453
Pu-236	0.0542	0.0675	0.1436	0.1848
Pu-237	0.9071	0.9863	1.3330	1.4875
Pu-238	0.0497	0.0620	0.1324	0.1706
Pu-239	0.0260	0.0336	0.0789	0.1038
Pu-240	0.0469	0.0584	0.1246	0.1604
Pu-241	0.0000	0.0000	0.0000	0.0000
Pu-242	0.0402	0.0501	0.1069	0.1376
Pu-243	0.4295	0.4556	0.5529	0.5849
Pu-244	0.0633	0.0737	0.1227	0.1468
Pu-245	1.5429	1.6434	1.8300	1.8340
Pu-246	1.7821	1.8831	2.2573	2.3921
Ra-219	1.0192	1.0819	1.2089	1.2113
Ra-220	0.0142	0.0150	0.0161	0.0157
Ra-221	0.5314	0.5822	0.7871	0.8802
Ra-222	0.0447	0.0473	0.0511	0.0500
Ra-223	1.4421	1.5373	1.8329	1.9210
Ra-224	0.0720	0.0758	0.0835	0.0836
Ra-225	0.3211	0.3372	0.4628	0.5301
Ra-226	1.5008	1.6128	1.6837	1.7811
Ra-227	0.9927	1.0939	1.5266	1.7201
Ra-228	1.5075	1.6092	1.6408	1.8212
Ra-230	0.7017	0.7497	0.9038	0.9500
Rb-77	2.0849	2.2102	2.4025	2.3636
Rb-78m	3.5628	3.8342	4.0680	3.9067
Rb-78	2.6527	2.8887	3.0894	2.9554
Rb-79	2.4308	2.5969	2.9056	2.9469
Rb-80	0.4134	0.4437	0.4718	0.4617
Rb-81	0.7236	0.8121	1.0833	1.1943
Rb-81m	0.2387	0.2933	0.5152	0.6361
Rb-82	0.2399	0.2633	0.2901	0.2868
Rb-82m	4.8699	5.3032	5.8233	5.7477
Rb-83	1.4280	1.5792	1.9908	2.1378
Rb-84	1.1373	1.2755	1.5494	1.6214
Rb-84m	1.9648	2.0841	2.3133	2.3217
Rb-86m	1.3700	1.4600	1.5521	1.5105
Rb-86	0.1280	0.1393	0.1468	0.1394
Rb-87	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Rb-88	0.5701	0.6244	0.6577	0.6190
Rb-89	2.4465	2.6679	2.8116	2.6594
Rb-90	1.3020	1.4383	1.5057	1.4151
Rb-90m	2.9824	3.2672	3.4416	3.2555
Re-178	3.1135	3.3359	3.8632	3.9371
Re-179	3.8842	4.1334	4.7346	4.7959
Re-180	3.1840	3.4304	4.0027	4.0952
Re-181	3.6888	3.9318	4.6160	4.7437
Re-182	7.4945	7.9722	9.1858	9.3627
Re-182m	3.7194	3.9777	4.6362	4.7272
Re-183	2.4426	2.6073	3.3407	3.6167
Re-184	2.8676	3.0830	3.5834	3.6619
Re-184m	2.4364	2.6128	3.2391	3.4382
Re-186	0.3054	0.3238	0.3922	0.4145
Re-186m	0.4668	0.5643	1.1795	1.5111
Re-187	0.0000	0.0000	0.0000	0.0000
Re-188	0.3989	0.4222	0.4788	0.4898
Re-188m	1.3704	1.4845	2.0446	2.2723
Re-189	0.4340	0.4619	0.5447	0.5664
Re-190	4.3685	4.6418	4.9889	4.8921
Re-190m	3.5395	3.7664	4.2210	4.2419
Rh-100m	0.6541	0.6858	0.9396	1.0622
Rh-100	3.6417	3.9354	4.3339	4.2541
Rh-101	2.9500	3.0932	3.4733	3.5454
Rh-101m	1.6460	1.7427	2.0350	2.0929
Rh-102	1.0661	1.1352	1.3200	1.3527
Rh-102m	4.7932	5.1413	5.6143	5.5371
Rh-103m	0.0415	0.0459	0.0814	0.1007
Rh-104	0.0311	0.0332	0.0360	0.0355
Rh-104m	0.9511	0.9820	1.1966	1.2908
Rh-105	0.3729	0.3939	0.4210	0.4084
Rh-106	0.4782	0.5101	0.5410	0.5243
Rh-106m	5.3240	5.7223	6.0547	5.8164
Rh-107	1.4387	1.5188	1.6232	1.5775
Rh-108	0.8963	0.9509	1.0126	0.9827
Rh-109	1.5668	1.6494	1.7775	1.7452
Rh-94	3.4155	3.7095	3.9174	3.7169
Rh-95	2.2894	2.4908	2.6763	2.5768
Rh-95m	1.3756	1.4725	1.5786	1.5371
Rh-96	5.5100	5.9584	6.3185	6.1039

Nuclide	avg400	ctr400	mid400	cnr400
Rh-96m	1.2875	1.3990	1.5491	1.5278
Rh-97	1.8706	1.9997	2.1999	2.1681
Rh-97m	3.0152	3.2422	3.5764	3.5323
Rh-98	1.6321	1.7567	1.8646	1.8137
Rh-99	2.3568	2.4939	2.8946	2.9750
Rh-99m	1.9441	2.0697	2.3707	2.4049
Rn-207	2.9908	3.1975	3.5689	3.5764
Rn-209	3.3026	3.5375	3.9607	3.9685
Rn-210	0.2277	0.2449	0.2844	0.2920
Rn-211	4.1719	4.4999	5.0026	4.9831
Rn-212	0.0007	0.0008	0.0008	0.0008
Rn-215	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0018	0.0019	0.0020	0.0020
Rn-219	0.2914	0.3075	0.3359	0.3321
Rn-220	1.5428	1.6391	1.6626	1.8547
Rn-222	0.0011	0.0011	0.0012	0.0012
Rn-223	1.3443	1.4656	1.8409	1.9751
Ru-103	1.3625	1.4452	1.5430	1.4981
Ru-105	1.9562	2.0896	2.2381	2.1866
Ru-106	0.0000	0.0000	0.0000	0.0000
Ru-107	0.8255	0.8814	0.9360	0.9064
Ru-108	0.6948	0.7261	0.7877	0.7920
Ru-92	6.1087	6.4480	7.2112	7.2809
Ru-94	1.7765	1.8986	2.2148	2.2647
Ru-95	2.5941	2.7828	3.1196	3.1099
Ru-97	1.9196	2.0298	2.3576	2.4347
S-35	0.0000	0.0000	0.0000	0.0000
S-37	1.2618	1.4065	1.4860	1.3810
S-38	1.2050	1.3248	1.3963	1.3036
Sb-111	2.3395	2.4650	2.6418	2.6091
Sb-113	1.6814	1.7787	1.9350	1.9073
Sb-114	2.3146	2.5141	2.6745	2.5459
Sb-115	1.6773	1.7677	1.9554	1.9560
Sb-116	2.0417	2.2151	2.3862	2.2964
Sb-116m	5.8118	6.2093	6.6986	6.5458
Sb-117	1.9138	1.9856	2.2192	2.2889
Sb-118	0.1676	0.1746	0.2130	0.2291
Sb-118m	5.4388	5.7847	6.3142	6.2319

Nuclide	avg400	ctr400	mid400	cnr400
Sb-119	0.4874	0.4998	0.6858	0.7913
Sb-120	0.2652	0.2715	0.3504	0.3929
Sb-120m	6.1635	6.5511	7.0387	6.8958
Sb-122m	1.4100	1.4534	1.6900	1.7522
Sb-122	1.0762	1.1474	1.2173	1.1839
Sb-124	2.6621	2.8728	3.0289	2.9048
Sb-124m	1.0621	1.1374	1.2311	1.2137
Sb-124n	0.0107	0.0163	0.0535	0.0746
Sb-125	1.5765	1.6554	1.8283	1.8436
Sb-126	6.1305	6.5767	6.9361	6.7069
Sb-126m	3.6652	3.9211	4.1481	4.0203
Sb-127	1.7201	1.8371	1.9494	1.8919
Sb-128	6.8198	7.3280	7.7282	7.4548
Sb-128m	4.4330	4.7657	5.0300	4.8445
Sb-129	2.3735	2.5686	2.7071	2.5895
Sb-130m	5.1303	5.5422	5.8403	5.6094
Sb-130	7.3604	7.9001	8.3530	8.0558
Sb-131	2.9740	3.2212	3.3967	3.2444
Sb-133	3.1203	3.3969	3.5825	3.3927
Sc-42m	4.2462	4.5892	4.8629	4.6139
Sc-43	0.3232	0.3423	0.3735	0.3667
Sc-44	1.4796	1.6123	1.7035	1.6115
Sc-44m	1.3713	1.4438	1.5522	1.5209
Sc-46	2.9334	3.1922	3.3603	3.1932
Sc-47	1.1532	1.2037	1.2727	1.2621
Sc-48	4.5470	4.9449	5.2136	4.9461
Sc-49	0.0008	0.0009	0.0010	0.0009
Sc-50	4.1345	4.4777	4.7370	4.4996
Se-70	1.7146	1.8927	2.7132	3.0994
Se-71	1.6228	1.7298	1.8510	1.8139
Se-72	0.7974	0.9038	1.5796	1.9543
Se-73	2.4147	2.5662	2.9699	3.0177
Se-73m	0.2547	0.2842	0.4039	0.4568
Se-75	2.9630	3.1700	3.8509	4.0795
Se-77m	0.9669	1.0389	1.2756	1.3714
Se-79m	0.2646	0.3269	0.6553	0.8357
Se-79	0.0000	0.0000	0.0000	0.0000
Se-81	0.0283	0.0300	0.0320	0.0311
Se-81m	0.3255	0.3901	0.7218	0.9014
Se-83m	1.4494	1.5677	1.6557	1.5810

Nuclide	avg400	ctr400	mid400	cnr400
Se-83	4.8465	5.1984	5.5091	5.2929
Se-84	1.4131	1.4921	1.5959	1.5473
Si-31	0.0010	0.0011	0.0012	0.0011
Si-32	0.0000	0.0000	0.0000	0.0000
Sm-139	2.3311	2.4650	2.6609	2.6192
Sm-140	1.4985	1.5595	1.7451	1.7841
Sm-141	2.0087	2.1246	2.3078	2.2696
Sm-141m	4.3016	4.5600	4.9113	4.8387
Sm-142	0.6588	0.6658	0.7972	0.8658
Sm-143	0.4450	0.4540	0.5350	0.5722
Sm-143m	1.3599	1.4692	1.5515	1.4992
Sm-145	1.4000	1.4168	1.6796	1.8070
Sm-146	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0004	0.0006	0.0015	0.0021
Sm-153	1.1672	1.1977	1.3447	1.3916
Sm-155	1.4683	1.5203	1.6206	1.6117
Sm-156	1.2612	1.3226	1.4924	1.5274
Sm-157	2.1737	2.2821	2.4481	2.4223
Sn-106	3.2045	3.3866	3.7125	3.6938
Sn-108	3.1133	3.2682	3.6046	3.6180
Sn-109	2.8538	3.0762	3.3567	3.2790
Sn-110	1.8570	1.9422	2.1879	2.2247
Sn-111	0.4673	0.4906	0.5995	0.6420
Sn-113	0.4159	0.4259	0.5656	0.6418
Sn-113m	0.2830	0.2894	0.3902	0.4471
Sn-117m	1.8623	1.9346	2.1509	2.2099
Sn-119m	0.3158	0.3274	0.4701	0.5507
Sn-121	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.1104	0.1147	0.1646	0.1930
Sn-123	0.0094	0.0103	0.0108	0.0103
Sn-123m	1.5115	1.5760	1.6818	1.6792
Sn-125m	1.4934	1.5784	1.6863	1.6342
Sn-125	0.4821	0.5234	0.5519	0.5251
Sn-126	1.0266	1.0653	1.2157	1.2527
Sn-127m	1.3609	1.4464	1.5429	1.4920
Sn-127	3.0360	3.2744	3.4661	3.3211
Sn-128	2.8773	2.9950	3.3757	3.4588
Sn-129	1.8535	1.9948	2.0995	2.0257

Nuclide	avg400	ctr400	mid400	cnr400
Sn-130	3.7287	3.9384	4.2344	4.1754
Sn-130m	2.2154	2.3517	2.5328	2.4919
Sr-79	1.3830	1.4607	1.6735	1.7314
Sr-80	1.1659	1.2869	1.6051	1.7228
Sr-81	2.2630	2.3931	2.5862	2.5707
Sr-82	0.1781	0.2430	0.5204	0.6784
Sr-83	1.3385	1.5087	1.9538	2.1207
Sr-85	1.4981	1.6455	2.0200	2.1366
Sr-85m	1.6020	1.6898	1.8561	1.8615
Sr-87m	1.1819	1.2559	1.3887	1.3755
Sr-89	0.0001	0.0002	0.0002	0.0002
Sr-90	0.0000	0.0000	0.0000	0.0000
Sr-91	1.1911	1.2899	1.3577	1.3003
Sr-92	1.4797	1.6122	1.7028	1.6030
Sr-93	3.8242	4.1233	4.3897	4.2426
Sr-94	1.4799	1.6157	1.7049	1.6024
Ta-170	1.5630	1.6668	1.9625	2.0351
Ta-172	3.6876	3.9439	4.4722	4.5113
Ta-173	2.6186	2.7865	3.3820	3.5648
Ta-174	2.8536	3.0360	3.5372	3.6445
Ta-175	3.8282	4.0657	4.6585	4.7387
Ta-176	3.7205	4.0124	4.5736	4.5927
Ta-177	1.1994	1.2655	1.5660	1.6715
Ta-178	1.2291	1.3021	1.6302	1.7469
Ta-178m	7.5965	8.0059	8.9658	9.0267
Ta-179	0.5448	0.5859	0.8069	0.9037
Ta-180	0.9920	1.0495	1.3249	1.4273
Ta-182	3.3022	3.5347	3.9770	3.9703
Ta-182m	3.2778	3.4865	4.2636	4.5364
Ta-183	3.0099	3.2005	3.9125	4.1412
Ta-184	5.3407	5.6944	6.3568	6.3570
Ta-185	1.6913	1.8044	2.2210	2.3648
Ta-186	5.2547	5.5797	6.0491	5.9794
Tb-146	3.0781	3.3426	3.5642	3.3968
Tb-147m	2.0111	2.1605	2.3599	2.3096
Tb-147	3.7103	3.9583	4.2702	4.1926
Tb-148m	6.5455	7.0028	7.4768	7.2903
Tb-148	2.8339	3.0526	3.2686	3.1762
Tb-149m	2.8041	2.9948	3.2409	3.2091
Tb-149	3.3337	3.5313	3.8410	3.8106

Nuclide	avg400	ctr400	mid400	cnr400
Tb-150m	6.5665	6.9768	7.4821	7.3598
Tb-150	3.2498	3.4796	3.7592	3.6922
Tb-151	4.3394	4.5481	4.9994	5.0282
Tb-151m	0.5667	0.6245	0.9458	1.1091
Tb-152m	3.8416	4.0293	4.4872	4.5386
Tb-152	2.9554	3.1325	3.4196	3.3843
Tb-153	2.5792	2.6852	3.0378	3.1353
Tb-154	3.4437	3.6724	4.0188	3.9817
Tb-155	2.5546	2.6418	2.9825	3.0848
Tb-156	5.1325	5.4363	5.9560	5.9271
Tb-156m	0.8281	0.8447	0.9227	0.9505
Tb-156n	0.1075	0.1257	0.2452	0.3111
Tb-157	0.1318	0.1478	0.2613	0.3242
Tb-158	2.4471	2.5932	2.9199	2.9723
Tb-160	2.4790	2.6590	2.8825	2.8238
Tb-161	0.7668	0.8031	1.0389	1.1530
Tb-162	3.2810	3.4973	3.7687	3.6990
Tb-163	2.7606	2.9193	3.1404	3.0692
Tb-164	5.4378	5.8183	6.2507	6.1160
Tb-165	1.2000	1.3013	1.4291	1.3974
Tc-101	1.5824	1.6709	1.7844	1.7346
Tc-102m	3.5869	3.8625	4.0897	3.9158
Tc-102	0.1644	0.1757	0.1867	0.1800
Tc-104	3.4610	3.7158	3.9438	3.7783
Tc-105	2.6521	2.8046	3.0181	2.9685
Tc-91	1.2822	1.4045	1.4961	1.4174
Tc-91m	0.9223	0.9851	1.0565	1.0235
Tc-92	5.7873	6.1954	6.6049	6.3923
Tc-93	1.7074	1.8712	2.1632	2.1586
Tc-93m	1.3368	1.4365	1.6067	1.5900
Tc-94	4.7824	5.1937	5.6484	5.5322
Tc-94m	1.7669	1.9275	2.0900	2.0291
Tc-95	1.7334	1.8895	2.1951	2.2370
Tc-95m	2.4333	2.6046	2.9615	3.0067
Tc-96	4.6600	5.0729	5.5368	5.4238
Tc-96m	0.2237	0.2447	0.3641	0.4185
Tc-97	0.2754	0.3069	0.5257	0.6323
Tc-97m	0.2280	0.2491	0.4084	0.4878
Tc-98	2.8828	3.1081	3.2631	3.1512
Tc-99	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Tc-99m	1.5271	1.5908	1.7022	1.6993
Te-113	1.5866	1.7237	1.8277	1.7441
Te-114	2.4877	2.6355	2.9461	2.9701
Te-115	2.4220	2.6091	2.7909	2.6969
Te-115m	2.7357	2.9606	3.1653	3.0508
Te-116	1.3096	1.3462	1.5884	1.6925
Te-117	1.9691	2.1165	2.3062	2.2747
Te-118	0.4189	0.4250	0.5552	0.6300
Te-119	1.8778	1.9919	2.2018	2.2254
Te-119m	3.6168	3.8369	4.1678	4.1236
Te-121	1.8250	1.9218	2.1445	2.1769
Te-121m	1.7268	1.8051	2.0092	2.0465
Te-123	0.0100	0.0148	0.0473	0.0657
Te-123m	1.7218	1.7904	1.9824	2.0311
Te-125m	0.7685	0.7790	1.0084	1.1402
Te-127	0.0184	0.0193	0.0208	0.0203
Te-127m	0.2410	0.2470	0.3343	0.3840
Te-129	0.2729	0.2887	0.3609	0.3897
Te-129m	0.2333	0.2417	0.3051	0.3372
Te-131	1.9097	2.0056	2.1402	2.1146
Te-131m	3.1568	3.3831	3.6018	3.4964
Te-132	2.1158	2.1944	2.4346	2.4839
Te-133	2.4674	2.6398	2.8046	2.6960
Te-133m	3.5867	3.8519	4.0983	3.9666
Te-134	3.2326	3.4158	3.6541	3.5900
Th-223	1.1556	1.2428	1.5611	1.6851
Th-224	0.2147	0.2280	0.2620	0.2706
Th-226	0.1222	0.1354	0.1935	0.2207
Th-227	1.1574	1.2729	1.7482	1.9576
Th-228	0.0660	0.0793	0.1485	0.1849
Th-229	1.5192	1.6789	2.3785	2.7051
Th-230	1.2677	1.2964	1.3409	1.4785
Th-231	0.5578	0.6538	1.1824	1.4627
Th-232	1.4231	1.5420	1.6732	1.7465
Th-233	0.2485	0.2773	0.4128	0.4777
Th-234	0.1959	0.2143	0.2957	0.3304
Th-235	0.1489	0.1593	0.1735	0.1712
Th-236	0.2432	0.2619	0.3230	0.3450
Ti-44	2.5929	2.6917	2.8899	2.8241
Ti-45	0.0079	0.0099	0.0213	0.0274

Nuclide	avg400	ctr400	mid400	cnr400
Ti-51	1.5295	1.6198	1.7260	1.6692
Ti-52	1.7532	1.8346	2.0506	2.0942
Tl-190	2.0998	2.2362	2.4803	2.4644
Tl-190m	5.5086	5.8881	6.4017	6.3001
Tl-194	2.2248	2.3701	2.6886	2.7130
Tl-194m	7.0644	7.5586	8.3745	8.3532
Tl-195	2.8958	3.1435	3.7947	3.9480
Tl-196	3.6433	3.9087	4.3698	4.3417
Tl-197	2.2796	2.4369	2.8925	2.9958
Tl-198	3.9964	4.2932	4.8060	4.7741
Tl-198m	4.5476	4.8650	5.5766	5.6809
Tl-199	2.1851	2.3292	2.7954	2.9198
Tl-200	3.7232	3.9864	4.4905	4.4887
Tl-201	1.6169	1.7359	2.2140	2.3870
Tl-202	2.4138	2.5677	2.9851	3.0519
Tl-204	0.0244	0.0264	0.0349	0.0383
Tl-206m	7.3684	7.8461	8.4843	8.3329
Tl-206	0.0013	0.0014	0.0017	0.0018
Tl-207	0.0039	0.0043	0.0045	0.0043
Tl-208	3.2815	3.5598	3.7809	3.6214
Tl-209	4.4508	4.7376	5.0810	4.9399
Tl-210	4.6283	5.0143	5.4534	5.3161
Tm-161	4.7351	4.9691	5.6563	5.8230
Tm-162	2.6789	2.8668	3.1814	3.1760
Tm-163	4.1183	4.3482	4.8736	4.9346
Tm-164	1.0785	1.1401	1.3229	1.3723
Tm-165	3.2196	3.3785	3.8164	3.9049
Tm-166	4.0150	4.2950	4.7841	4.7968
Tm-167	1.9065	1.9997	2.3728	2.5128
Tm-168	4.6318	4.9205	5.4536	5.4922
Tm-170	0.0823	0.0882	0.1180	0.1312
Tm-171	0.0134	0.0141	0.0179	0.0195
Tm-172	0.7774	0.8438	0.9791	0.9929
Tm-173	1.4424	1.5219	1.6530	1.6222
Tm-174	6.1014	6.4805	7.0800	7.0045
Tm-175	2.5107	2.6849	2.8997	2.8345
Tm-176	4.2654	4.5613	5.0027	4.9410
U-227	1.2135	1.3021	1.6026	1.7088
U-228	0.0903	0.1039	0.1729	0.2078
U-230	0.0665	0.0816	0.1641	0.2079

Nuclide	avg400	ctr400	mid400	cnr400
U-231	1.5956	1.7724	2.6007	3.0020
U-232	0.0543	0.0686	0.1481	0.1911
U-233	0.0287	0.0364	0.0790	0.1022
U-234	1.2474	1.2764	1.3263	1.3058
U-235	1.7495	1.8326	1.9050	2.0025
U-235m	0.0000	0.0000	0.0000	0.0000
U-236	0.0431	0.0550	0.1211	0.1570
U-237	2.0213	2.1647	2.7221	2.9322
U-238	1.1392	1.2228	1.3213	1.3840
U-239	0.8072	0.8479	0.9749	0.9970
U-240	0.1980	0.2340	0.4358	0.5429
U-242	0.3049	0.3201	0.3556	0.3556
V-47	0.0103	0.0116	0.0153	0.0166
V-48	3.0685	3.3483	3.5743	3.4116
V-49	0.0264	0.0402	0.1322	0.1842
V-50	1.4292	1.5716	1.7330	1.6786
V-52	1.4319	1.5650	1.6522	1.5491
V-53	1.5115	1.6428	1.7323	1.6486
W-177	4.9905	5.2960	6.1840	6.3783
W-178	0.3499	0.3884	0.6090	0.7152
W-179	1.1666	1.2499	1.7177	1.9233
W-179m	0.8784	0.9372	1.2005	1.2941
W-181	0.8410	0.8969	1.1761	1.2845
W-185m	0.4840	0.5685	1.0653	1.3258
W-185	0.0009	0.0009	0.0011	0.0012
W-187	1.5936	1.6940	1.8712	1.8633
W-188	0.0139	0.0148	0.0173	0.0177
W-190	2.2921	2.4266	2.9306	3.0774
Xe-120	2.1572	2.2431	2.5695	2.6708
Xe-121	1.9322	2.0440	2.2391	2.2287
Xe-122	0.7446	0.7620	0.9196	0.9949
Xe-123	1.9877	2.0733	2.2992	2.3433
Xe-125	2.2834	2.3685	2.6618	2.7409
Xe-127	2.5055	2.6072	2.8900	2.9465
Xe-127m	2.1648	2.2423	2.4530	2.4933
Xe-129m	1.0124	1.0249	1.2758	1.4163
Xe-131m	0.4138	0.4207	0.5369	0.6025
Xe-133	0.9123	0.9347	1.0507	1.0850
Xe-133m	0.5449	0.5573	0.6786	0.7393
Xe-135	1.4625	1.5316	1.6453	1.6208

Nuclide	avg400	ctr400	mid400	cnr400
Xe-135m	1.1963	1.2663	1.3664	1.3441
Xe-137	0.4822	0.5117	0.5462	0.5285
Xe-138	1.8050	1.9361	2.1182	2.0764
Y-81	1.7695	1.8752	2.1595	2.2304
Y-83	0.9413	1.0320	1.2853	1.3697
Y-83m	1.2554	1.3347	1.5136	1.5308
Y-84m	4.7303	5.1406	5.4339	5.1992
Y-85	1.0500	1.1336	1.2957	1.3107
Y-85m	1.1609	1.2684	1.4537	1.4671
Y-86	4.7398	5.1618	5.6252	5.4889
Y-86m	1.6330	1.7194	1.8478	1.8302
Y-87	1.4368	1.5702	1.9389	2.0485
Y-87m	1.1484	1.2202	1.3543	1.3435
Y-88	2.9642	3.2801	3.7201	3.6939
Y-89m	1.4569	1.5847	1.6686	1.5929
Y-90	0.0000	0.0000	0.0001	0.0001
Y-90m	2.9370	3.1007	3.3235	3.2648
Y-91	0.0038	0.0041	0.0044	0.0041
Y-91m	1.3336	1.4220	1.5196	1.4834
Y-92	0.3837	0.4158	0.4388	0.4184
Y-93	0.1957	0.2089	0.2224	0.2147
Y-94	1.1390	1.2373	1.3034	1.2422
Y-95	0.8515	0.9337	0.9843	0.9255
Yb-162	2.5998	2.7208	3.0967	3.2047
Yb-163	1.7465	1.8612	2.2186	2.3266
Yb-164	0.9760	1.0177	1.2287	1.3175
Yb-165	2.5436	2.6932	3.3610	3.6319
Yb-166	1.8616	1.9402	2.3230	2.4775
Yb-167	4.2032	4.4023	5.1940	5.4818
Yb-169	4.8155	5.0322	5.8119	6.0384
Yb-175	0.2218	0.2331	0.2574	0.2573
Yb-177	0.8082	0.8528	0.9350	0.9357
Yb-178	0.1575	0.1668	0.1854	0.1846
Yb-179	2.7041	2.8783	3.0845	3.0261
Zn-60	1.6296	1.7346	1.8627	1.8218
Zn-61	0.6309	0.6825	0.7278	0.6960
Zn-62	1.2454	1.3527	1.7712	1.9434
Zn-63	0.2508	0.2742	0.3108	0.3125
Zn-65	0.8351	0.9479	1.3035	1.4344
Zn-69	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Zn-69m	1.3107	1.3883	1.5017	1.4673
Zn-71	0.7497	0.7992	0.8490	0.8210
Zn-71m	4.2359	4.5011	4.7831	4.6396
Zn-72	1.8425	1.9792	2.5206	2.7494
Zr-85	1.2561	1.3400	1.4488	1.4108
Zr-86	2.1307	2.3015	2.9200	3.1488
Zr-87	0.1440	0.1626	0.2165	0.2344
Zr-88	1.5797	1.7063	2.0719	2.1620
Zr-89	1.6433	1.8118	2.0997	2.1272
Zr-89m	1.3656	1.4628	1.5662	1.5319
Zr-93	0.0000	0.0000	0.0000	0.0000
Zr-95	1.4097	1.5263	1.6014	1.5386
Zr-97	1.6726	1.8087	1.9055	1.8328

APPENDIX E

Wood

Table 16: Wood Surface Contamination 10x10x10 ft and 50x50x10 ft rooms

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ac-223	0.6166	0.3606	0.5331	0.6213	0.5085	0.3564	0.5790	0.6555
Ac-224	4.2068	2.9520	3.8198	4.2513	4.1666	3.4953	4.5425	4.8195
Ac-225	0.8847	0.5326	0.7704	0.8908	0.7445	0.5364	0.8409	0.9419
Ac-226	1.7261	1.2083	1.5685	1.7427	1.7341	1.4614	1.8869	1.9849
Ac-227	0.2464	0.1282	0.2071	0.2479	0.1806	0.1082	0.2121	0.2507
Ac-228	2.4207	1.6057	2.1717	2.4350	2.4342	2.0231	2.6539	2.7752
Ac-230	1.0884	0.7029	0.9694	1.0937	1.0744	0.8769	1.1751	1.2350
Ac-231	3.2744	2.3744	3.0084	3.3077	3.4633	3.0206	3.7355	3.8671
Ac-232	1.6053	1.0425	1.4330	1.6122	1.6268	1.3473	1.7719	1.8421
Ac-233	1.1420	0.7874	1.0389	1.1493	1.2492	1.0885	1.3462	1.3724
Ag-100m	1.7571	1.2705	1.6236	1.7653	2.1201	1.9472	2.2461	2.1989
Ag-101	1.8467	1.3659	1.7116	1.8603	2.1337	1.9453	2.2689	2.2637
Ag-102m	1.2494	0.8851	1.1457	1.2551	1.4619	1.3204	1.5533	1.5368
Ag-102	2.8191	2.0369	2.6026	2.8330	3.3573	3.0709	3.5594	3.5024
Ag-103	2.6109	1.9439	2.4176	2.6331	2.9144	2.6414	3.1024	3.1309
Ag-104	3.9085	2.8064	3.5968	3.9290	4.5418	4.1222	4.8280	4.7887
Ag-104m	1.6304	1.1722	1.5002	1.6389	1.8864	1.7088	2.0052	1.9923
Ag-105	2.8500	2.0692	2.6206	2.8713	3.1527	2.8242	3.3688	3.4039
Ag-105m	0.0934	0.0451	0.0772	0.0942	0.0645	0.0347	0.0776	0.0945
Ag-106	0.6650	0.4655	0.6048	0.6687	0.7128	0.6268	0.7638	0.7773
Ag-106m	4.8023	3.4720	4.4271	4.8302	5.5764	5.0658	5.9265	5.8873
Ag-108	0.0554	0.0393	0.0506	0.0557	0.0612	0.0545	0.0654	0.0659
Ag-108m	3.8177	2.7696	3.5194	3.8425	4.3845	3.9735	4.6682	4.6564
Ag-109m	0.6810	0.4667	0.6143	0.6852	0.6932	0.5931	0.7474	0.7787
Ag-110	0.0466	0.0340	0.0431	0.0469	0.0556	0.0511	0.0590	0.0580
Ag-110m	3.0068	2.1839	2.7831	3.0214	3.6434	3.3565	3.8590	3.7761
Ag-111	0.0928	0.0708	0.0869	0.0937	0.1095	0.1010	0.1163	0.1158
Ag-111m	0.3999	0.2623	0.3564	0.4021	0.3910	0.3233	0.4257	0.4500
Ag-112	0.6881	0.5012	0.6371	0.6914	0.8331	0.7672	0.8823	0.8634
Ag-113m	0.7724	0.5626	0.7125	0.7790	0.8676	0.7777	0.9281	0.9381
Ag-113	0.2030	0.1541	0.1899	0.2048	0.2399	0.2212	0.2547	0.2532
Ag-114	0.2906	0.2130	0.2696	0.2921	0.3509	0.3232	0.3715	0.3645
Ag-115	0.7333	0.5530	0.6843	0.7393	0.8688	0.8008	0.9203	0.9121
Ag-116	1.7101	1.2434	1.5824	1.7183	2.0686	1.9008	2.1877	2.1444
Ag-117	1.5072	1.1359	1.4050	1.5193	1.7815	1.6415	1.8848	1.8673
Ag-99	2.0394	1.5086	1.8936	2.0534	2.4105	2.2114	2.5575	2.5312
Al-26	0.9154	0.6485	0.8416	0.9186	1.1208	1.0244	1.1837	1.1507

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Al-28	0.8888	0.6306	0.8178	0.8919	1.0906	0.9980	1.1515	1.1182
Al-29	0.9284	0.6623	0.8544	0.9316	1.1353	1.0449	1.1971	1.1684
Am-237	4.3033	2.9873	3.8994	4.3417	4.3012	3.6248	4.6817	4.9361
Am-238	3.9393	2.7075	3.5623	3.9698	3.9810	3.3636	4.3256	4.5318
Am-239	5.7694	3.9151	5.1898	5.8208	5.5553	4.5651	6.0870	6.5058
Am-240	4.5001	3.0082	4.0382	4.5310	4.4408	3.6775	4.8490	5.1139
Am-241	1.7355	1.4241	1.6560	1.7566	1.9760	1.8522	2.0869	2.1839
Am-242	1.0654	0.6749	0.9403	1.0725	0.9605	0.7452	1.0666	1.1606
Am-242m	0.8401	0.4891	0.7255	0.8445	0.6992	0.4981	0.7918	0.8847
Am-243	1.8637	1.3834	1.7147	1.8881	1.9161	1.6636	2.0736	2.1757
Am-244	4.1723	2.6951	3.7101	4.1973	4.0183	3.2548	4.4136	4.6780
Am-244m	0.4164	0.2524	0.3635	0.4186	0.3646	0.2737	0.4078	0.4468
Am-245	0.5678	0.3926	0.5137	0.5728	0.5629	0.4731	0.6134	0.6479
Am-246	5.9372	3.8837	5.2951	5.9770	5.7221	4.6548	6.2804	6.6611
Am-246m	1.8499	1.2394	1.6660	1.8593	1.9467	1.6630	2.1060	2.1631
Am-247	1.9459	1.3711	1.7705	1.9638	1.9709	1.6824	2.1386	2.2434
Ar-37	0.1100	0.0510	0.0901	0.1109	0.0724	0.0355	0.0884	0.1097
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	0.9135	0.6520	0.8411	0.9167	1.1167	1.0281	1.1776	1.1495
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	1.1199	0.8059	1.0337	1.1245	1.3647	1.2549	1.4426	1.4082
Ar-44	1.9495	1.4646	1.8185	1.9657	2.3324	2.1481	2.4666	2.4310
As-68	2.2129	1.5894	2.0414	2.2222	2.6812	2.4603	2.8384	2.7760
As-69	0.5818	0.3914	0.5235	0.5875	0.5849	0.4864	0.6400	0.6756
As-70	3.0560	2.1612	2.8049	3.0700	3.6132	3.2730	3.8410	3.7926
As-71	2.8526	1.7640	2.5064	2.8816	2.5731	1.9528	2.8829	3.1679
As-72	1.1554	0.7713	1.0421	1.1620	1.2606	1.0889	1.3621	1.3864
As-73	4.1195	1.9842	3.4013	4.1553	2.8100	1.4775	3.3921	4.1533
As-74	1.3822	0.8367	1.2109	1.3916	1.3001	1.0090	1.4487	1.5610
As-76	0.5807	0.4269	0.5391	0.5838	0.6995	0.6445	0.7409	0.7280
As-77	0.0386	0.0292	0.0360	0.0390	0.0439	0.0398	0.0468	0.0473
As-78	1.2889	0.9371	1.1929	1.2951	1.5613	1.4376	1.6529	1.6180
As-79	0.0609	0.0454	0.0567	0.0614	0.0730	0.0673	0.0774	0.0764
At-204	5.5039	3.9232	5.0418	5.5507	6.0120	5.2833	6.4676	6.6063
At-205	3.7100	2.5884	3.3666	3.7477	3.7808	3.1984	4.1131	4.3179
At-206	5.7285	4.1075	5.2549	5.7793	6.2752	5.5297	6.7449	6.8850
At-207	5.1852	3.6356	4.7174	5.2341	5.4206	4.6482	5.8719	6.1001
At-208	7.2823	5.1566	6.6516	7.3469	7.8086	6.7944	8.4230	8.6567
At-209	7.2030	5.0639	6.5601	7.2711	7.5446	6.4827	8.1693	8.4815
At-210	6.0901	4.2342	5.5315	6.1422	6.3840	5.4689	6.9099	7.1632

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
At-211	1.3368	0.9057	1.1991	1.3527	1.2468	0.9969	1.3780	1.4999
At-215	0.0006	0.0005	0.0006	0.0006	0.0007	0.0006	0.0008	0.0008
At-216	0.0615	0.0430	0.0556	0.0622	0.0596	0.0492	0.0653	0.0701
At-217	0.0018	0.0013	0.0016	0.0018	0.0019	0.0016	0.0020	0.0021
At-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-220	1.9630	1.4588	1.8207	1.9820	2.1983	1.9749	2.3525	2.3849
Au-186	3.7270	2.6649	3.4094	3.7665	3.9512	3.4300	4.2740	4.4200
Au-187	3.9763	2.6392	3.5540	4.0167	3.8369	3.1095	4.2327	4.5314
Au-190	4.3225	3.0538	3.9404	4.3638	4.5917	3.9734	4.9698	5.1308
Au-191	4.7982	3.2750	4.3216	4.8504	4.7187	3.8983	5.1836	5.5158
Au-192	4.1802	2.9336	3.8022	4.2209	4.3900	3.7721	4.7622	4.9377
Au-193	3.7081	2.5208	3.3299	3.7522	3.5359	2.8707	3.9066	4.2095
Au-193m	2.4600	1.5636	2.1754	2.4832	2.2560	1.7493	2.5164	2.7466
Au-194	3.6963	2.5767	3.3525	3.7347	3.7894	3.2147	4.1295	4.3238
Au-195	3.8453	2.4629	3.3957	3.8888	3.4256	2.6181	3.8427	4.2489
Au-195m	2.4902	1.5847	2.2027	2.5137	2.2855	1.7735	2.5486	2.7806
Au-196	3.5078	2.4628	3.1869	3.5470	3.5836	3.0413	3.9076	4.1020
Au-196m	6.2436	3.9823	5.5170	6.3100	5.6157	4.3068	6.2805	6.9091
Au-198	1.0598	0.7893	0.9853	1.0697	1.2397	1.1318	1.3187	1.3164
Au-198m	7.3498	5.1544	6.6736	7.4391	7.3557	6.1813	8.0352	8.5203
Au-199	1.5131	1.0601	1.3738	1.5310	1.5090	1.2622	1.6479	1.7438
Au-200	0.3883	0.2844	0.3593	0.3912	0.4567	0.4164	0.4852	0.4823
Au-200m	5.8572	4.2943	5.4143	5.9102	6.5964	5.9156	7.0587	7.1336
Au-201	0.2577	0.1554	0.2248	0.2599	0.2270	0.1685	0.2557	0.2830
Au-202	0.2382	0.1741	0.2205	0.2398	0.2824	0.2581	0.2997	0.2967
Ba-124	2.2241	1.6058	2.0407	2.2425	2.4170	2.1487	2.5797	2.6596
Ba-126	2.5037	1.8096	2.3004	2.5227	2.7641	2.4728	2.9462	3.0163
Ba-127	1.3639	0.9880	1.2513	1.3757	1.4668	1.3017	1.5662	1.6228
Ba-128	1.5284	1.0763	1.3908	1.5396	1.6079	1.4066	1.7210	1.8012
Ba-129	1.5704	1.1131	1.4320	1.5827	1.6610	1.4570	1.7782	1.8546
Ba-129m	4.3872	3.1574	4.0302	4.4219	4.8773	4.3541	5.2070	5.3019
Ba-131	3.2743	2.3987	3.0181	3.3017	3.6039	3.2359	3.8387	3.9373
Ba-131m	1.9524	1.4236	1.7920	1.9741	2.0472	1.7996	2.1994	2.3085
Ba-133	3.8948	2.8559	3.5865	3.9326	4.2416	3.7842	4.5298	4.6765
Ba-133m	1.5266	1.0040	1.3623	1.5388	1.4859	1.2215	1.6224	1.7461
Ba-135m	1.1867	0.8336	1.0789	1.1962	1.2424	1.0825	1.3329	1.3988
Ba-137m	0.9677	0.7044	0.8947	0.9731	1.1450	1.0486	1.2160	1.2029
Ba-139	0.4318	0.3357	0.4052	0.4372	0.4908	0.4489	0.5208	0.5265
Ba-140	1.1265	0.7174	0.9986	1.1352	1.0800	0.8647	1.1902	1.2795

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ba-141	2.2305	1.6895	2.0833	2.2512	2.6188	2.4085	2.7775	2.7688
Ba-142	2.0583	1.5278	1.9091	2.0750	2.3883	2.1813	2.5356	2.5411
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.1010	0.0754	0.0942	0.1017	0.1211	0.1117	0.1282	0.1267
Bi-197	4.1223	2.8249	3.7237	4.1612	4.1928	3.5248	4.5687	4.7954
Bi-200	6.9307	4.9503	6.3449	6.9962	7.4678	6.5254	8.0502	8.2761
Bi-201	4.1455	2.8622	3.7525	4.1850	4.2521	3.5965	4.6249	4.8382
Bi-202	6.2192	4.4178	5.6865	6.2745	6.7394	5.8960	7.2612	7.4392
Bi-203	4.7553	3.3042	4.3154	4.7990	4.9692	4.2478	5.3877	5.5940
Bi-204	6.4291	4.5271	5.8626	6.4860	6.8979	5.9930	7.4454	7.6552
Bi-205	3.9186	2.6745	3.5360	3.9548	3.9807	3.3386	4.3400	4.5540
Bi-206	7.3984	5.2267	6.7537	7.4646	7.9502	6.9178	8.5783	8.8155
Bi-207	4.1830	2.9021	3.7943	4.2207	4.3502	3.7105	4.7212	4.9121
Bi-208	2.6464	1.7381	2.3615	2.6681	2.6220	2.1413	2.8724	3.0371
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.3796	1.0170	1.2751	1.3939	1.5158	1.3472	1.6292	1.6653
Bi-211	0.2170	0.1584	0.1999	0.2193	0.2376	0.2101	0.2556	0.2616
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	0.4196	0.2416	0.3621	0.4224	0.3591	0.2570	0.4067	0.4541
Bi-213	0.4020	0.2935	0.3709	0.4059	0.4484	0.3997	0.4803	0.4879
Bi-214	1.2848	0.9269	1.1860	1.2910	1.5445	1.4143	1.6365	1.6061
Bi-215	1.1206	0.8115	1.0292	1.1323	1.1984	1.0475	1.2927	1.3347
Bi-216	1.5504	1.1427	1.4383	1.5617	1.8161	1.6557	1.9311	1.9217
Bk-245	4.4941	3.1491	4.0802	4.5354	4.4935	3.8103	4.8844	5.1477
Bk-246	4.3496	2.9043	3.9013	4.3803	4.2849	3.5511	4.6809	4.9376
Bk-247	1.9891	1.4945	1.8419	2.0135	2.1180	1.8771	2.2771	2.3600
Bk-248m	1.1159	0.7444	0.9992	1.1245	1.0682	0.8734	1.1714	1.2499
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	1.4886	1.0021	1.3433	1.4951	1.6014	1.3841	1.7260	1.7576
Bk-251	2.5265	1.7140	2.2726	2.5473	2.4471	2.0258	2.6762	2.8455
Br-72	1.9694	1.3918	1.8063	1.9797	2.2984	2.0712	2.4477	2.4300
Br-73	1.6752	1.2274	1.5422	1.6919	1.8163	1.6070	1.9556	2.0016
Br-74	2.2218	1.5680	2.0350	2.2326	2.5917	2.3302	2.7590	2.7363
Br-74m	2.7030	1.9129	2.4797	2.7159	3.1667	2.8583	3.3718	3.3381
Br-75	1.9481	1.3671	1.7768	1.9650	2.0677	1.7857	2.2377	2.3108
Br-76	2.5208	1.6583	2.2614	2.5339	2.6560	2.2430	2.8811	2.9669
Br-76m	3.2196	1.9742	2.8125	3.2463	2.7508	2.0078	3.0919	3.4656
Br-77	2.6119	1.5422	2.2683	2.6307	2.2484	1.6266	2.5411	2.8307
Br-77m	1.5085	0.8767	1.3019	1.5185	1.2104	0.8239	1.3816	1.5779
Br-78	0.2641	0.1640	0.2329	0.2656	0.2520	0.1987	0.2790	0.2981

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Br-80	0.1863	0.1126	0.1630	0.1874	0.1710	0.1306	0.1909	0.2069
Br-80m	2.9926	1.7489	2.5848	3.0106	2.4466	1.7019	2.7716	3.1544
Br-82m	1.3456	0.7284	1.1416	1.3526	1.0028	0.6166	1.1661	1.3656
Br-82	3.0796	2.2473	2.8539	3.0956	3.7247	3.4322	3.9447	3.8663
Br-83	0.0128	0.0094	0.0118	0.0129	0.0151	0.0138	0.0160	0.0159
Br-84m	2.8556	2.0842	2.6465	2.8722	3.4560	3.1810	3.6575	3.5872
Br-84	1.0077	0.7227	0.9290	1.0117	1.2298	1.1294	1.2997	1.2676
Br-85	0.0680	0.0495	0.0630	0.0684	0.0825	0.0760	0.0873	0.0855
C-10	0.9197	0.6717	0.8526	0.9246	1.1130	1.0268	1.1799	1.1555
C-11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-41	0.1964	0.0911	0.1609	0.1980	0.1293	0.0634	0.1578	0.1959
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	0.8093	0.5804	0.7462	0.8125	0.9874	0.9092	1.0419	1.0181
Ca-49	0.8539	0.6008	0.7818	0.8557	1.0512	0.9603	1.1081	1.0738
Cd-101	2.7348	2.0287	2.5332	2.7570	3.1332	2.8522	3.3261	3.3382
Cd-102	2.5075	1.8151	2.3061	2.5239	2.8008	2.5166	2.9828	3.0104
Cd-103	2.3098	1.6299	2.1104	2.3207	2.5983	2.3239	2.7653	2.7736
Cd-104	2.7396	2.0124	2.5206	2.7639	2.9611	2.6413	3.1630	3.2393
Cd-105	1.6874	1.1879	1.5401	1.6955	1.8801	1.6756	2.0033	2.0163
Cd-107	1.9511	1.3425	1.7623	1.9615	2.0076	1.7315	2.1575	2.2350
Cd-109	1.8328	1.2569	1.6538	1.8425	1.8796	1.6170	2.0214	2.0963
Cd-111m	2.2311	1.6808	2.0756	2.2513	2.5128	2.2824	2.6736	2.7015
Cd-113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0012	0.0008	0.0011	0.0012	0.0012	0.0011	0.0013	0.0014
Cd-115	0.4344	0.3210	0.4034	0.4371	0.5113	0.4683	0.5420	0.5384
Cd-115m	0.0317	0.0229	0.0293	0.0318	0.0385	0.0355	0.0407	0.0398
Cd-117	1.4487	1.0743	1.3464	1.4589	1.7235	1.5844	1.8258	1.8061
Cd-117m	1.5101	1.0898	1.3943	1.5168	1.8362	1.6876	1.9407	1.8973
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	1.6955	1.2550	1.5752	1.7068	2.0297	1.8674	2.1485	2.1178
Cd-119m	1.8218	1.3190	1.6831	1.8305	2.2060	2.0274	2.3321	2.2846
Ce-130	3.3573	2.4694	3.0942	3.3887	3.6661	3.2859	3.9080	4.0291
Ce-131	3.2376	2.3219	2.9688	3.2643	3.5639	3.1655	3.8105	3.8986
Ce-132	3.0831	2.2923	2.8520	3.1154	3.3890	3.0413	3.6112	3.7122
Ce-133	3.2950	2.4310	3.0331	3.3307	3.5287	3.1403	3.7684	3.9363
Ce-133m	4.5402	3.3224	4.1853	4.5780	5.0937	4.5911	5.4217	5.5174
Ce-134	1.3997	0.9757	1.2676	1.4113	1.4414	1.2462	1.5466	1.6398
Ce-135	3.3338	2.4268	3.0698	3.3610	3.7139	3.3340	3.9591	4.0430
Ce-137	1.7448	1.1454	1.5540	1.7593	1.6858	1.3829	1.8383	1.9921

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ce-137m	1.2105	0.8501	1.0985	1.2214	1.2549	1.0874	1.3470	1.4249
Ce-139	2.6712	1.9683	2.4625	2.6992	2.8884	2.5694	3.0835	3.1906
Ce-141	1.0370	0.8035	0.9702	1.0494	1.1613	1.0623	1.2321	1.2560
Ce-143	2.0429	1.4998	1.8801	2.0632	2.2351	1.9970	2.3852	2.4645
Ce-144	0.3601	0.2740	0.3345	0.3643	0.3940	0.3569	0.4191	0.4326
Ce-145	3.0158	2.1896	2.7690	3.0421	3.3271	2.9754	3.5474	3.6451
Cf-244	0.2904	0.1728	0.2522	0.2919	0.2482	0.1822	0.2791	0.3082
Cf-246	0.1991	0.1186	0.1730	0.2001	0.1704	0.1252	0.1915	0.2114
Cf-247	3.9025	2.5394	3.4695	3.9316	3.6253	2.8930	4.0012	4.3153
Cf-248	0.2380	0.1419	0.2068	0.2392	0.2039	0.1500	0.2291	0.2528
Cf-249	1.6774	1.1666	1.5245	1.6910	1.7614	1.5166	1.9053	1.9683
Cf-250	0.1928	0.1166	0.1682	0.1938	0.1688	0.1266	0.1889	0.2068
Cf-251	2.7647	1.8968	2.4953	2.7891	2.7118	2.2608	2.9599	3.1359
Cf-252	0.6927	0.4893	0.6333	0.6973	0.7658	0.6767	0.8207	0.8308
Cf-253	0.6386	0.3773	0.5536	0.6420	0.5459	0.4003	0.6143	0.6805
Cf-254	18.8220	14.0306	17.5115	18.9578	22.4686	20.7011	23.7847	23.4895
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0001	0.0000	0.0001	0.0001	0.0000	0.0000	0.0001	0.0001
Cl-34m	1.2216	0.9228	1.1391	1.2314	1.4555	1.3432	1.5372	1.5170
Cl-36	0.0016	0.0007	0.0013	0.0016	0.0010	0.0005	0.0013	0.0016
Cl-38	0.6560	0.4649	0.6029	0.6582	0.8054	0.7368	0.8501	0.8254
Cl-39	1.4391	1.0608	1.3365	1.4476	1.7357	1.6007	1.8357	1.8041
Cl-40	1.7385	1.2362	1.5990	1.7442	2.1301	1.9524	2.2482	2.1862
Cm-238	2.3074	1.6095	2.0909	2.3290	2.2733	1.9108	2.4761	2.6257
Cm-239	4.1899	3.0178	3.8366	4.2329	4.3175	3.7319	4.6663	4.8687
Cm-240	0.3358	0.1985	0.2912	0.3374	0.2826	0.2042	0.3186	0.3538
Cm-241	5.1796	3.4623	4.6448	5.2199	5.0197	4.1189	5.4989	5.8488
Cm-242	0.3016	0.1782	0.2614	0.3029	0.2537	0.1832	0.2860	0.3177
Cm-243	2.9029	1.9216	2.5941	2.9276	2.7413	2.2094	3.0194	3.2480
Cm-244	0.2589	0.1530	0.2245	0.2601	0.2178	0.1573	0.2456	0.2728
Cm-245	3.0839	2.1099	2.7798	3.1118	2.9808	2.4616	3.2607	3.4798
Cm-246	0.2104	0.1250	0.1827	0.2114	0.1785	0.1299	0.2009	0.2225
Cm-247	0.9196	0.6882	0.8559	0.9284	1.0722	0.9799	1.1403	1.1396
Cm-248	1.6609	1.2081	1.5329	1.6723	1.9143	1.7313	2.0377	2.0350
Cm-249	0.3775	0.1881	0.3143	0.3806	0.2717	0.1559	0.3232	0.3871
Cm-250	14.8889	11.0929	13.8496	14.9964	17.7592	16.3550	18.8020	18.5736
Cm-251	0.4853	0.3386	0.4414	0.4890	0.5085	0.4389	0.5495	0.5680
Co-54m	2.8203	2.0517	2.6102	2.8359	3.4157	3.1435	3.6118	3.5428
Co-55	1.4216	0.9828	1.2956	1.4292	1.6199	1.4382	1.7339	1.7376
Co-56	2.9434	1.9509	2.6489	2.9579	3.2364	2.7974	3.4879	3.5386

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Co-57	3.1406	2.0134	2.7806	3.1719	2.8508	2.2245	3.1750	3.4829
Co-58	1.5869	0.9779	1.3983	1.5974	1.5562	1.2454	1.7193	1.8232
Co-58m	0.7868	0.3653	0.6447	0.7934	0.5184	0.2543	0.6327	0.7851
Co-60	1.8570	1.3272	1.7107	1.8636	2.2687	2.0883	2.3939	2.3365
Co-60m	0.9002	0.4300	0.7419	0.9080	0.6102	0.3169	0.7384	0.9063
Co-61	1.5479	1.2263	1.4512	1.5705	1.7030	1.5503	1.8261	1.8680
Co-62	1.0750	0.7682	0.9899	1.0788	1.3138	1.2083	1.3865	1.3527
Co-62m	1.9121	1.3673	1.7612	1.9190	2.3361	2.1489	2.4657	2.4061
Cr-48	3.1103	2.3280	2.8837	3.1469	3.3959	3.0384	3.6435	3.7468
Cr-49	1.6302	1.3158	1.5415	1.6556	1.8425	1.7016	1.9596	1.9957
Cr-51	0.5547	0.2902	0.4673	0.5594	0.4228	0.2632	0.4955	0.5811
Cr-55	0.0004	0.0003	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005
Cr-56	2.6160	1.9583	2.4156	2.6505	2.7589	2.4326	2.9646	3.1029
Cs-121	1.0464	0.7905	0.9747	1.0564	1.1948	1.0901	1.2684	1.2793
Cs-121m	1.9399	1.4581	1.8046	1.9586	2.2084	2.0095	2.3465	2.3702
Cs-123	1.7593	1.3083	1.6282	1.7754	1.9605	1.7725	2.0851	2.1312
Cs-124	0.4885	0.3599	0.4525	0.4922	0.5662	0.5156	0.6013	0.6025
Cs-125	1.4920	1.0783	1.3707	1.5024	1.6480	1.4761	1.7540	1.7948
Cs-126	0.8493	0.6226	0.7852	0.8559	0.9769	0.8870	1.0378	1.0436
Cs-127	2.3813	1.7286	2.1901	2.3995	2.6298	2.3578	2.7995	2.8658
Cs-128	0.7403	0.5324	0.6797	0.7454	0.8229	0.7368	0.8758	0.8936
Cs-129	2.5224	1.8033	2.3078	2.5406	2.7317	2.4234	2.9126	3.0086
Cs-130m	2.5592	1.8375	2.3370	2.5864	2.6595	2.3148	2.8604	3.0116
Cs-130	0.7802	0.5470	0.7092	0.7851	0.8231	0.7208	0.8792	0.9178
Cs-131	1.2943	0.9029	1.1742	1.3025	1.3487	1.1744	1.4422	1.5141
Cs-132	2.2449	1.6008	2.0564	2.2581	2.4988	2.2367	2.6614	2.7079
Cs-134	2.0784	1.5216	1.9277	2.0897	2.5097	2.3139	2.6598	2.6089
Cs-134m	1.1466	0.7302	1.0136	1.1561	1.0633	0.8426	1.1739	1.2837
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	1.8545	1.3450	1.7159	1.8644	2.2401	2.0621	2.3738	2.3282
Cs-136	3.1260	2.3140	2.9029	3.1482	3.7163	3.4163	3.9390	3.8976
Cs-137	1.1472	0.8402	1.0677	1.1483	1.3787	1.2633	1.4538	1.4293
Cs-138m	1.4643	1.0420	1.3392	1.4758	1.5902	1.4053	1.7003	1.7509
Cs-138	1.8671	1.3522	1.7262	1.8761	2.2637	2.0804	2.3930	2.3431
Cs-139	0.1861	0.1333	0.1715	0.1868	0.2272	0.2087	0.2398	0.2340
Cs-140	1.2426	0.8979	1.1478	1.2479	1.5104	1.3882	1.5974	1.5607
Cu-57	0.0971	0.0693	0.0894	0.0974	0.1176	0.1079	0.1244	0.1217
Cu-59	0.4939	0.3561	0.4557	0.4968	0.5867	0.5350	0.6228	0.6155
Cu-60	1.9005	1.3368	1.7423	1.9080	2.2752	2.0660	2.4115	2.3686
Cu-61	0.8262	0.5032	0.7236	0.8333	0.7571	0.5790	0.8478	0.9251

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Cu-62	0.0292	0.0149	0.0245	0.0294	0.0223	0.0138	0.0261	0.0305
Cu-64	0.4752	0.2216	0.3898	0.4792	0.3154	0.1569	0.3841	0.4752
Cu-66	0.0914	0.0657	0.0843	0.0917	0.1113	0.1025	0.1177	0.1149
Cu-67	1.2772	0.9532	1.1824	1.2945	1.3712	1.2114	1.4755	1.5273
Cu-69	0.5492	0.3981	0.5080	0.5517	0.6666	0.6139	0.7054	0.6901
Dy-148	2.5777	1.8452	2.3548	2.6058	2.7811	2.4406	2.9915	3.0975
Dy-149	4.0846	2.9488	3.7401	4.1309	4.4291	3.9039	4.7548	4.9193
Dy-150	1.7273	1.2487	1.5816	1.7488	1.8571	1.6299	1.9974	2.0767
Dy-151	3.7722	2.6462	3.4296	3.8117	4.0172	3.4804	4.3356	4.5023
Dy-152	2.7872	2.0392	2.5609	2.8217	2.9892	2.6313	3.2163	3.3462
Dy-153	5.4445	3.9439	4.9819	5.5147	5.7631	5.0312	6.2091	6.5007
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	3.4478	2.5155	3.1658	3.4899	3.7169	3.2761	3.9936	4.1431
Dy-157	2.8614	2.0792	2.6233	2.8973	3.0646	2.6884	3.2985	3.4351
Dy-159	2.0718	1.4580	1.8743	2.1010	2.0791	1.7573	2.2597	2.4249
Dy-165m	0.6803	0.3900	0.5844	0.6877	0.5561	0.3836	0.6376	0.7321
Dy-165	0.3093	0.2254	0.2833	0.3138	0.3229	0.2802	0.3495	0.3677
Dy-166	1.6767	1.1512	1.5075	1.7010	1.6256	1.3350	1.7873	1.9335
Dy-167	2.0159	1.4818	1.8611	2.0371	2.2462	2.0081	2.4081	2.4533
Dy-168	2.1879	1.5814	2.0062	2.2141	2.3492	2.0578	2.5318	2.6205
Er-154	2.5426	1.7135	2.2763	2.5733	2.4621	2.0174	2.6995	2.9168
Er-156	3.4648	2.1972	3.0512	3.5064	3.1423	2.4269	3.5037	3.8809
Er-159	3.2166	2.2983	2.9374	3.2546	3.4367	2.9945	3.7106	3.8482
Er-161	3.5116	2.4742	3.1930	3.5534	3.6961	3.1868	4.0026	4.1767
Er-163	1.7830	1.2483	1.6110	1.8099	1.7703	1.4810	1.9357	2.0784
Er-165	1.7334	1.2091	1.5646	1.7594	1.7144	1.4299	1.8763	2.0172
Er-167m	1.1853	0.8293	1.0759	1.2006	1.2055	1.0194	1.3145	1.3881
Er-169	0.0227	0.0106	0.0186	0.0229	0.0150	0.0074	0.0183	0.0227
Er-171	2.8476	2.0877	2.6209	2.8836	3.0576	2.6908	3.2989	3.4142
Er-172	2.6315	1.8861	2.4045	2.6647	2.7942	2.4273	3.0257	3.1417
Er-173	4.2423	3.1377	3.9162	4.2959	4.6138	4.0955	4.9598	5.1021
Es-249	3.5717	2.5039	3.2464	3.6023	3.6506	3.1297	3.9548	4.1280
Es-250	11.3944	7.5883	10.2065	11.4763	11.0896	9.1422	12.1346	12.8559
Es-250m	3.2146	2.2242	2.9107	3.2396	3.2552	2.7704	3.5314	3.6931
Es-251	3.3947	2.2501	3.0337	3.4206	3.2107	2.6059	3.5288	3.7811
Es-253	0.0789	0.0466	0.0684	0.0793	0.0670	0.0487	0.0755	0.0838
Es-254	2.9350	1.6812	2.5243	2.9513	2.4076	1.6852	2.7394	3.0848
Es-254m	1.5864	1.0519	1.4231	1.5947	1.6211	1.3657	1.7624	1.8293
Es-255	0.0008	0.0006	0.0007	0.0008	0.0009	0.0008	0.0010	0.0010
Es-256	0.3733	0.2269	0.3261	0.3752	0.3306	0.2513	0.3684	0.4026

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Eu-142	0.2980	0.2131	0.2732	0.3001	0.3403	0.3059	0.3620	0.3655
Eu-142m	3.6655	2.5795	3.3552	3.6868	4.2031	3.7623	4.4898	4.4970
Eu-143	0.6973	0.4981	0.6365	0.7037	0.7603	0.6721	0.8115	0.8401
Eu-144	0.3046	0.2158	0.2776	0.3073	0.3328	0.2935	0.3554	0.3671
Eu-145	2.6454	1.8888	2.4169	2.6685	2.9110	2.5822	3.1071	3.1995
Eu-146	3.9983	2.8800	3.6727	4.0281	4.5606	4.1085	4.8549	4.9041
Eu-147	3.1051	2.2676	2.8484	3.1393	3.3366	2.9556	3.5656	3.7206
Eu-148	4.6279	3.3592	4.2615	4.6631	5.2883	4.7742	5.6278	5.6824
Eu-149	1.9046	1.2903	1.7063	1.9253	1.8689	1.5525	2.0311	2.2016
Eu-150	4.4974	3.2970	4.1499	4.5379	5.1006	4.6000	5.4317	5.5142
Eu-150m	0.2456	0.1774	0.2247	0.2482	0.2648	0.2337	0.2832	0.2952
Eu-152	3.2396	2.3629	2.9785	3.2703	3.5884	3.2126	3.8260	3.9264
Eu-152m	0.9307	0.6727	0.8527	0.9396	1.0177	0.9049	1.0865	1.1224
Eu-152n	2.2716	1.5883	2.0551	2.3031	2.2223	1.8491	2.4329	2.6251
Eu-154	2.4357	1.7925	2.2501	2.4571	2.7660	2.5051	2.9456	2.9756
Eu-154m	2.7945	1.8657	2.4957	2.8276	2.6402	2.1301	2.9126	3.1748
Eu-155	1.4681	1.1158	1.3606	1.4903	1.5638	1.3902	1.6792	1.7594
Eu-156	1.3821	0.9860	1.2667	1.3924	1.5766	1.4124	1.6816	1.6935
Eu-157	2.6286	1.8534	2.3859	2.6602	2.7009	2.3093	2.9299	3.0942
Eu-158	1.9372	1.3696	1.7700	1.9528	2.1634	1.9175	2.3173	2.3536
Eu-159	3.0314	2.2226	2.7796	3.0717	3.1954	2.7988	3.4394	3.6107
F-17	0.0003	0.0002	0.0003	0.0003	0.0004	0.0004	0.0004	0.0004
F-18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-52	1.7110	1.2657	1.5819	1.7325	1.8416	1.6202	1.9811	2.0382
Fe-53	0.4644	0.3454	0.4317	0.4688	0.5434	0.4958	0.5783	0.5773
Fe-53m	2.6837	1.9349	2.4785	2.6949	3.2649	3.0058	3.4530	3.3736
Fe-55	0.6524	0.3027	0.5345	0.6579	0.4297	0.2106	0.5244	0.6509
Fe-59	0.9989	0.7198	0.9220	1.0031	1.2159	1.1199	1.2838	1.2553
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	1.3890	1.0185	1.2876	1.3966	1.6776	1.5467	1.7738	1.7415
Fe-62	0.9552	0.7103	0.8900	0.9611	1.1465	1.0565	1.2135	1.1971
Fm-251	2.9400	1.9718	2.6365	2.9648	2.8326	2.3299	3.1049	3.3129
Fm-252	0.1993	0.1204	0.1738	0.2003	0.1744	0.1312	0.1950	0.2136
Fm-253	2.9235	1.8716	2.5882	2.9432	2.6910	2.1286	2.9762	3.2160
Fm-254	0.2088	0.1272	0.1825	0.2099	0.1852	0.1408	0.2064	0.2251
Fm-255	2.2697	1.3372	1.9661	2.2813	1.9216	1.3963	2.1668	2.4063
Fm-256	14.0211	10.4449	13.0425	14.1216	16.7244	15.4033	17.7057	17.4897
Fm-257	3.1823	2.1409	2.8565	3.2075	3.0796	2.5402	3.3704	3.5824
Fr-212	4.1189	2.8222	3.7201	4.1565	4.1287	3.4514	4.5003	4.7464
Fr-219	0.0163	0.0119	0.0150	0.0165	0.0178	0.0157	0.0191	0.0196

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Fr-220	0.4948	0.3080	0.4343	0.4992	0.4278	0.3171	0.4806	0.5354
Fr-221	0.2784	0.2029	0.2561	0.2816	0.2938	0.2560	0.3171	0.3289
Fr-222	2.1270	1.4465	1.9173	2.1457	2.0806	1.7177	2.2755	2.4153
Fr-223	1.9893	1.3457	1.7841	2.0117	1.8912	1.5305	2.0821	2.2439
Fr-224	1.8515	1.3078	1.6895	1.8674	1.9444	1.6806	2.0998	2.1713
Fr-227	3.3043	2.4001	3.0310	3.3410	3.4378	2.9803	3.7168	3.8780
Ga-64	1.3714	0.9720	1.2597	1.3765	1.6556	1.5104	1.7529	1.7158
Ga-65	2.1870	1.5068	1.9753	2.2122	2.1608	1.8037	2.3664	2.5210
Ga-66	1.5131	0.9184	1.3270	1.5213	1.4882	1.1842	1.6409	1.7360
Ga-67	3.1730	1.8986	2.7595	3.2076	2.7127	1.9657	3.0788	3.4679
Ga-68	0.1939	0.0987	0.1624	0.1953	0.1469	0.0900	0.1724	0.2023
Ga-70	0.0169	0.0108	0.0150	0.0170	0.0167	0.0136	0.0184	0.0194
Ga-72	2.0534	1.4786	1.8954	2.0628	2.4932	2.2901	2.6390	2.5795
Ga-73	3.4032	1.9800	2.9432	3.4343	2.9154	2.0921	3.3153	3.7178
Ga-74	2.2798	1.6499	2.1066	2.2899	2.7691	2.5451	2.9291	2.8630
Gd-142	1.5181	1.1056	1.3948	1.5337	1.6716	1.4880	1.7857	1.8376
Gd-143m	3.7339	2.7285	3.4379	3.7699	4.1659	3.7317	4.4471	4.5453
Gd-144	1.1886	0.8462	1.0823	1.2013	1.2662	1.1059	1.3582	1.4210
Gd-145m	1.5333	1.0116	1.3742	1.5447	1.5843	1.3317	1.7258	1.8010
Gd-145	2.1484	1.5243	1.9616	2.1657	2.4054	2.1370	2.5649	2.6134
Gd-146	5.7458	4.2716	5.2914	5.8199	6.1122	5.4161	6.5421	6.8593
Gd-147	4.4372	3.2524	4.0892	4.4816	4.9593	4.4481	5.2923	5.4072
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	3.8031	2.7999	3.5004	3.8472	4.1265	3.6649	4.4141	4.5767
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	2.2617	1.5324	2.0268	2.2881	2.2078	1.8243	2.4081	2.6083
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	3.3204	2.4391	3.0437	3.3649	3.4738	3.0438	3.7293	3.9502
Gd-159	0.5677	0.4104	0.5189	0.5753	0.5981	0.5205	0.6452	0.6771
Gd-162	1.2623	0.8974	1.1566	1.2737	1.4010	1.2386	1.5037	1.5323
Ge-66	3.6622	2.2847	3.2216	3.6989	3.3562	2.5903	3.7448	4.1068
Ge-67	1.6117	1.2195	1.5022	1.6304	1.8190	1.6423	1.9402	1.9590
Ge-68	1.6015	0.7444	1.3125	1.6149	1.0561	0.5191	1.2883	1.5979
Ge-69	1.9436	1.0827	1.6655	1.9572	1.6655	1.1793	1.8954	2.1184
Ge-71	1.6243	0.7550	1.3312	1.6379	1.0712	0.5265	1.3067	1.6207
Ge-75	0.1567	0.1208	0.1471	0.1582	0.1833	0.1691	0.1948	0.1946
Ge-77	2.6005	1.9653	2.4286	2.6243	3.0568	2.8091	3.2463	3.2315
Ge-78	1.1424	0.8805	1.0728	1.1535	1.3461	1.2440	1.4297	1.4248
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	2.0807	1.4901	1.9000	2.1072	2.1703	1.8695	2.3582	2.4638

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Hf-169	3.0395	2.1528	2.7673	3.0760	3.1612	2.7125	3.4357	3.5914
Hf-170	4.7706	3.2939	4.3067	4.8310	4.7345	3.9435	5.1918	5.5250
Hf-172	4.8117	3.1534	4.2747	4.8711	4.4595	3.5249	4.9593	5.4168
Hf-173	5.1170	3.7545	4.7018	5.1837	5.3683	4.6936	5.8073	6.0542
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	3.3715	2.3797	3.0638	3.4151	3.4531	2.9370	3.7662	3.9634
Hf-177m	15.7300	11.3892	14.4369	15.9136	16.7740	14.6581	18.1321	18.7610
Hf-178m	10.6412	7.6813	9.7679	10.7588	11.4685	10.0541	12.3737	12.7559
Hf-179m	7.1182	5.0268	6.4801	7.2017	7.3491	6.2852	7.9933	8.3682
Hf-180m	5.7166	4.1345	5.2460	5.7826	6.1289	5.3632	6.6205	6.8379
Hf-181	2.8331	2.0314	2.5933	2.8629	3.0044	2.6189	3.2468	3.3607
Hf-182	1.4926	1.1095	1.3823	1.5091	1.6468	1.4706	1.7690	1.8065
Hf-182m	5.3830	3.8023	4.9008	5.4454	5.5835	4.7848	6.0700	6.3450
Hf-183	2.3815	1.7648	2.2001	2.4087	2.6326	2.3517	2.8272	2.8839
Hf-184	4.5046	2.7458	3.9349	4.5516	3.9444	2.9321	4.4469	4.9546
Hg-190	4.8334	3.2996	4.3484	4.8901	4.6300	3.7769	5.1011	5.4857
Hg-191m	6.2114	4.2701	5.6152	6.2741	6.2985	5.2943	6.8794	7.2345
Hg-192	4.7918	3.2132	4.2909	4.8460	4.5439	3.6591	5.0257	5.4271
Hg-193	4.4575	2.9825	3.9925	4.5046	4.3040	3.4972	4.7444	5.0818
Hg-193m	3.7223	2.5591	3.3636	3.7600	3.7750	3.1734	4.1214	4.3327
Hg-194	0.8998	0.4400	0.7457	0.9064	0.6179	0.3300	0.7416	0.9026
Hg-195	3.5274	2.2571	3.1161	3.5656	3.1664	2.4290	3.5456	3.9051
Hg-195m	4.0825	2.4303	3.5437	4.1207	3.4460	2.4679	3.9166	4.4115
Hg-197	3.4037	2.1874	3.0082	3.4431	3.0315	2.3163	3.3989	3.7605
Hg-197m	2.9947	1.8845	2.6358	3.0255	2.6437	1.9989	2.9673	3.2879
Hg-199m	3.3464	2.2642	3.0052	3.3853	3.1969	2.5876	3.5258	3.7942
Hg-203	1.3503	0.9994	1.2494	1.3645	1.4862	1.3235	1.5968	1.6316
Hg-205	0.0521	0.0382	0.0480	0.0527	0.0553	0.0484	0.0597	0.0618
Hg-206	0.6822	0.4951	0.6269	0.6895	0.7322	0.6412	0.7904	0.8151
Hg-207	3.1402	2.2532	2.8871	3.1631	3.5924	3.2191	3.8368	3.8451
Ho-150	1.5964	1.1548	1.4718	1.6080	1.8631	1.6912	1.9842	1.9773
Ho-153	2.6317	1.9317	2.4234	2.6626	2.8840	2.5610	3.0963	3.1845
Ho-153m	3.2512	2.3814	2.9902	3.2915	3.5098	3.0969	3.7745	3.9073
Ho-154m	5.1847	3.8267	4.8004	5.2339	5.9611	5.3985	6.3549	6.3958
Ho-154	2.7501	2.0209	2.5420	2.7762	3.1459	2.8399	3.3570	3.3841
Ho-155	3.1621	2.2402	2.8756	3.2025	3.2642	2.7973	3.5391	3.7328
Ho-156	4.4177	3.2504	4.0751	4.4653	4.9025	4.3841	5.2477	5.3578
Ho-157	4.7596	3.4213	4.3452	4.8225	4.9723	4.3006	5.3788	5.6496
Ho-159	5.3676	3.9276	4.9236	5.4408	5.6401	4.9284	6.0852	6.3796
Ho-160	4.7364	3.3771	4.3272	4.7869	5.1327	4.5020	5.5257	5.6970

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ho-161	2.7824	1.8954	2.4979	2.8164	2.7194	2.2475	2.9729	3.2054
Ho-162	2.3093	1.6043	2.0829	2.3421	2.2865	1.9081	2.4985	2.6866
Ho-162m	3.7801	2.5755	3.3998	3.8267	3.7563	3.1197	4.1097	4.3897
Ho-163	0.0262	0.0121	0.0214	0.0264	0.0172	0.0084	0.0210	0.0261
Ho-164	1.3408	0.9279	1.2077	1.3601	1.3167	1.0929	1.4413	1.5550
Ho-164m	2.8978	1.8258	2.5461	2.9346	2.5938	1.9780	2.9048	3.2330
Ho-166	0.5487	0.3556	0.4859	0.5561	0.5014	0.3901	0.5598	0.6173
Ho-166m	4.6673	3.3872	4.2956	4.7159	5.1714	4.5936	5.5526	5.6560
Ho-167	1.8328	1.3461	1.6907	1.8544	2.0216	1.7962	2.1726	2.2242
Ho-168	1.7773	1.2446	1.6196	1.7937	1.9372	1.6933	2.0893	2.1385
Ho-168m	0.6660	0.3764	0.5697	0.6736	0.5340	0.3598	0.6158	0.7124
Ho-170	4.3818	3.1452	4.0160	4.4275	4.7901	4.2201	5.1550	5.2824
I-118m	4.1752	3.0541	3.8679	4.1976	4.9909	4.5865	5.2892	5.2103
I-118	1.4324	1.0444	1.3258	1.4397	1.7112	1.5709	1.8134	1.7865
I-119	1.9445	1.4451	1.8031	1.9596	2.1991	1.9952	2.3383	2.3667
I-120	1.9051	1.3713	1.7553	1.9140	2.2429	2.0420	2.3764	2.3552
I-120m	3.6842	2.6830	3.4083	3.7029	4.3865	4.0211	4.6485	4.5866
I-121	2.5070	1.8505	2.3177	2.5277	2.7837	2.5072	2.9595	3.0188
I-122	0.5008	0.3575	0.4591	0.5034	0.5588	0.5004	0.5942	0.6033
I-123	2.7101	2.0150	2.5081	2.7341	2.9791	2.6748	3.1664	3.2393
I-124	1.9010	1.3546	1.7425	1.9104	2.1387	1.9191	2.2734	2.2980
I-125	2.5007	1.7458	2.2698	2.5136	2.6186	2.2859	2.7933	2.9190
I-126	1.4112	1.0183	1.2978	1.4200	1.5904	1.4318	1.6911	1.7112
I-128	0.2299	0.1674	0.2121	0.2314	0.2616	0.2365	0.2778	0.2804
I-129	1.3452	0.9486	1.2235	1.3542	1.4138	1.2396	1.5084	1.5812
I-130m	0.5715	0.3806	0.5129	0.5750	0.5821	0.4905	0.6306	0.6636
I-130	3.1587	2.3246	2.9334	3.1772	3.8048	3.5077	4.0319	3.9622
I-131	1.2941	0.9776	1.2135	1.3005	1.5404	1.4132	1.6487	1.6133
I-132	2.7719	2.0248	2.5692	2.7865	3.3508	3.0888	3.5503	3.4798
I-132m	1.4245	0.9715	1.2872	1.4347	1.4852	1.2723	1.6053	1.6696
I-133	1.0044	0.7428	0.9342	1.0102	1.2069	1.1121	1.2780	1.2587
I-134m	2.4895	1.8228	2.2944	2.5090	2.7472	2.4657	2.9246	2.9968
I-134	2.9085	2.1205	2.6941	2.9239	3.5155	3.2388	3.7221	3.6497
I-135	1.2643	0.9120	1.1677	1.2699	1.5373	1.4140	1.6243	1.5885
In-103	2.3655	1.7574	2.1983	2.3832	2.7989	2.5692	2.9648	2.9345
In-105	2.4209	1.8140	2.2508	2.4393	2.7993	2.5680	2.9675	2.9631
In-106	3.5747	2.5988	3.3067	3.5926	4.2788	3.9285	4.5352	4.4596
In-106m	1.6252	1.1728	1.4997	1.6324	1.9484	1.7846	2.0645	2.0257
In-107	2.3848	1.7405	2.2006	2.4013	2.7130	2.4526	2.8825	2.8943
In-108	5.1437	3.7278	4.7480	5.1708	6.0493	5.5211	6.4177	6.3537

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
In-108m	1.9892	1.4192	1.8264	1.9979	2.3153	2.0966	2.4571	2.4373
In-109	2.7972	2.0552	2.5826	2.8193	3.1200	2.8097	3.3202	3.3617
In-109m	0.9446	0.6899	0.8747	0.9495	1.1278	1.0364	1.1967	1.1774
In-110	4.8612	3.4910	4.4747	4.8844	5.6727	5.1575	6.0240	5.9754
In-110m	1.5150	1.0869	1.3931	1.5223	1.7503	1.5859	1.8605	1.8514
In-111	3.8028	2.8570	3.5336	3.8376	4.2590	3.8568	4.5301	4.5838
In-111m	0.9796	0.7190	0.9081	0.9851	1.1533	1.0549	1.2226	1.2131
In-112	0.4844	0.3363	0.4393	0.4866	0.5116	0.4469	0.5471	0.5629
In-112m	1.1436	0.8109	1.0430	1.1499	1.2122	1.0647	1.2924	1.3344
In-113m	1.0771	0.7870	0.9941	1.0851	1.2217	1.1037	1.2985	1.3096
In-114	0.0081	0.0056	0.0073	0.0081	0.0087	0.0077	0.0093	0.0095
In-114m	0.9164	0.6494	0.8364	0.9222	0.9775	0.8585	1.0445	1.0762
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	1.0642	0.7711	0.9789	1.0712	1.1805	1.0572	1.2567	1.2773
In-116m	2.0543	1.4853	1.8977	2.0639	2.4950	2.2966	2.6355	2.5802
In-117	2.3791	1.8296	2.2309	2.4023	2.7833	2.5627	2.9479	2.9360
In-117m	0.7879	0.5856	0.7298	0.7944	0.8789	0.7923	0.9343	0.9478
In-118m	2.5628	1.8509	2.3673	2.5738	3.1154	2.8698	3.2930	3.2209
In-118	0.0624	0.0448	0.0576	0.0627	0.0761	0.0701	0.0803	0.0785
In-119	1.2801	0.8971	1.1700	1.2869	1.4523	1.2972	1.5516	1.5567
In-119m	0.2386	0.1603	0.2147	0.2398	0.2475	0.2112	0.2669	0.2773
In-121	1.0561	0.7685	0.9778	1.0613	1.2781	1.1775	1.3534	1.3260
In-121m	0.9883	0.7276	0.9095	0.9958	1.0700	0.9563	1.1395	1.1715
Ir-180	4.1537	2.9044	3.7746	4.1942	4.3141	3.6964	4.6889	4.8812
Ir-182	4.2325	2.9530	3.8412	4.2756	4.3379	3.6927	4.7242	4.9460
Ir-183	5.1242	3.4455	4.5957	5.1780	5.0039	4.1017	5.5105	5.8736
Ir-184	6.2094	4.3075	5.6284	6.2702	6.3987	5.4450	6.9666	7.2762
Ir-185	5.6329	3.6070	4.9814	5.6916	5.1696	4.0261	5.7697	6.2984
Ir-186	6.0095	4.1936	5.4555	6.0697	6.2091	5.2982	6.7559	7.0478
Ir-186m	3.5875	2.4679	3.2428	3.6221	3.6665	3.1004	3.9995	4.1849
Ir-187	3.9172	2.5448	3.4754	3.9597	3.6195	2.8449	4.0344	4.3921
Ir-188	4.4582	3.0633	4.0280	4.5011	4.5686	3.8588	4.9803	5.2042
Ir-189	3.1672	2.0025	2.7874	3.2021	2.8055	2.1280	3.1565	3.4937
Ir-190	6.0952	4.3118	5.5610	6.1558	6.4577	5.5896	6.9947	7.2299
Ir-190m	0.8947	0.4202	0.7349	0.9021	0.5948	0.2974	0.7232	0.8937
Ir-190n	2.4885	1.6232	2.2076	2.5169	2.2683	1.7723	2.5337	2.7748
Ir-191m	3.1306	1.9509	2.7463	3.1635	2.7320	2.0446	3.0797	3.4270
Ir-192	2.7477	2.0424	2.5509	2.7733	3.1443	2.8452	3.3584	3.3784
Ir-192m	1.0028	0.4831	0.8283	1.0105	0.6802	0.3545	0.8203	1.0042
Ir-192n	2.0939	1.0136	1.7312	2.1099	1.4264	0.7499	1.7180	2.0994

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ir-193m	0.8921	0.4226	0.7341	0.8994	0.5977	0.3037	0.7249	0.8929
Ir-194	0.2425	0.1808	0.2254	0.2447	0.2809	0.2556	0.2995	0.2998
Ir-194m	5.6012	4.1062	5.1835	5.6461	6.4506	5.8352	6.8838	6.8965
Ir-195	2.4352	1.5696	2.1545	2.4628	2.1873	1.6847	2.4484	2.6996
Ir-195m	2.7801	1.8939	2.5048	2.8096	2.7543	2.2825	3.0212	3.2069
Ir-196	0.4770	0.3521	0.4424	0.4810	0.5558	0.5057	0.5920	0.5908
Ir-196m	6.3765	4.5924	5.8664	6.4301	7.1644	6.3876	7.6781	7.7658
K-38	0.8745	0.6186	0.8021	0.8773	1.0746	0.9819	1.1332	1.1010
K-40	0.1103	0.0752	0.1003	0.1108	0.1274	0.1131	0.1360	0.1352
K-42	0.1682	0.1198	0.1551	0.1688	0.2058	0.1888	0.2175	0.2114
K-43	1.9541	1.4626	1.8217	1.9693	2.3396	2.1590	2.4813	2.4494
K-44	1.3874	0.9921	1.2777	1.3925	1.6957	1.5576	1.7903	1.7454
K-45	1.9619	1.4848	1.8331	1.9792	2.3398	2.1563	2.4741	2.4417
K-46	1.3601	0.9669	1.2506	1.3645	1.6662	1.5299	1.7569	1.7114
Kr-74	2.7996	1.9842	2.5509	2.8303	2.8376	2.4093	3.0859	3.2493
Kr-75	2.2227	1.6504	2.0547	2.2461	2.3740	2.1021	2.5479	2.6233
Kr-76	3.7333	2.4092	3.3173	3.7621	3.4998	2.7606	3.8678	4.1755
Kr-77	2.3534	1.7780	2.1861	2.3791	2.5369	2.2718	2.7154	2.7880
Kr-79	2.0501	1.2129	1.7804	2.0624	1.7345	1.2383	1.9600	2.1898
Kr-81	1.6239	0.8786	1.3775	1.6322	1.2089	0.7424	1.4060	1.6470
Kr-81m	1.4115	1.0109	1.2927	1.4253	1.4608	1.2525	1.5785	1.6409
Kr-83m	0.7250	0.3846	0.6121	0.7290	0.5317	0.3189	0.6220	0.7339
Kr-85	0.0042	0.0031	0.0039	0.0042	0.0050	0.0046	0.0053	0.0052
Kr-85m	1.4282	1.1061	1.3387	1.4450	1.6009	1.4545	1.7040	1.7237
Kr-87	0.7960	0.5879	0.7391	0.8018	0.9576	0.8809	1.0140	0.9988
Kr-88	1.5830	1.1378	1.4565	1.5925	1.8279	1.6435	1.9431	1.9343
Kr-89	1.7000	1.2461	1.5760	1.7101	2.0414	1.8747	2.1614	2.1253
La-128	3.3992	2.5141	3.1566	3.4224	4.0208	3.6888	4.2644	4.2313
La-129	1.9880	1.4744	1.8397	2.0061	2.2195	2.0060	2.3629	2.4126
La-130	2.5449	1.8682	2.3570	2.5628	2.9863	2.7278	3.1692	3.1566
La-131	2.7422	2.0193	2.5309	2.7675	3.0293	2.7239	3.2275	3.3127
La-132	2.5047	1.8117	2.3077	2.5209	2.8841	2.6113	3.0636	3.0764
La-132m	2.7165	1.9901	2.5044	2.7406	2.9981	2.6887	3.1994	3.2729
La-133	1.7184	1.1405	1.5370	1.7316	1.6933	1.4078	1.8409	1.9741
La-134	0.5801	0.4070	0.5273	0.5843	0.6132	0.5369	0.6562	0.6859
La-135	1.3970	0.9754	1.2670	1.4077	1.4504	1.2605	1.5545	1.6394
La-136	0.9238	0.6454	0.8381	0.9308	0.9626	0.8378	1.0313	1.0857
La-137	1.3390	0.9320	1.2131	1.3492	1.3839	1.1993	1.4843	1.5683
La-138	1.6455	1.1567	1.5034	1.6551	1.8578	1.6605	1.9787	2.0003
La-140	2.0551	1.4946	1.9036	2.0663	2.4815	2.2781	2.6272	2.5761

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
La-141	0.0175	0.0125	0.0161	0.0176	0.0214	0.0197	0.0226	0.0220
La-142	1.4047	1.0102	1.2954	1.4104	1.7108	1.5707	1.8088	1.7648
La-143	0.2025	0.1462	0.1870	0.2034	0.2462	0.2264	0.2604	0.2544
Lu-165	4.5844	3.2860	4.1848	4.6437	4.7775	4.1226	5.1828	5.4219
Lu-167	4.8541	3.3746	4.3986	4.9079	5.0306	4.2898	5.4659	5.7189
Lu-169m	0.6577	0.3054	0.5389	0.6632	0.4334	0.2127	0.5289	0.6562
Lu-169	4.6122	3.2328	4.1857	4.6688	4.7714	4.0695	5.1917	5.4382
Lu-170	4.0952	2.8270	3.7046	4.1387	4.2911	3.6637	4.6594	4.8478
Lu-171m	0.6996	0.3279	0.5744	0.7056	0.4651	0.2324	0.5660	0.7000
Lu-171	5.2334	3.4530	4.6641	5.2966	5.0029	4.0278	5.5368	5.9697
Lu-172	5.7458	3.9878	5.2071	5.8093	5.9874	5.1109	6.5089	6.7900
Lu-172m	0.5913	0.2746	0.4845	0.5963	0.3897	0.1912	0.4755	0.5900
Lu-173	4.4907	3.1621	4.0688	4.5568	4.4740	3.7509	4.9030	5.2290
Lu-174	2.5136	1.6819	2.2444	2.5489	2.3767	1.9068	2.6356	2.8645
Lu-174m	3.3595	2.0719	2.9361	3.4004	2.9230	2.1682	3.3039	3.6993
Lu-176	3.7480	2.6662	3.4232	3.7921	3.9217	3.3776	4.2559	4.4367
Lu-176m	0.7128	0.4407	0.6237	0.7216	0.6175	0.4570	0.6984	0.7836
Lu-177	0.4672	0.3340	0.4266	0.4731	0.4797	0.4114	0.5215	0.5481
Lu-177m	8.6447	6.2850	7.9364	8.7517	9.1516	7.9857	9.8977	10.2756
Lu-178	0.5208	0.3376	0.4624	0.5266	0.4913	0.3904	0.5450	0.5908
Lu-178m	6.6572	4.8940	6.1362	6.7396	7.1883	6.3393	7.7472	7.9964
Lu-179	0.1984	0.1517	0.1854	0.2008	0.2245	0.2042	0.2395	0.2424
Lu-180	2.9511	2.0845	2.6952	2.9780	3.2256	2.8294	3.4726	3.5515
Lu-181	3.1534	2.0933	2.8218	3.1868	3.0926	2.5300	3.4041	3.6310
Mg-27	0.9478	0.6867	0.8768	0.9524	1.1515	1.0612	1.2190	1.1922
Mg-28	2.2616	1.6611	2.0927	2.2745	2.6534	2.4384	2.8001	2.7933
Mn-50m	3.1135	2.2428	2.8754	3.1271	3.7878	3.4864	4.0056	3.9140
Mn-51	0.0204	0.0107	0.0172	0.0205	0.0161	0.0104	0.0187	0.0216
Mn-52	3.1567	2.1794	2.8775	3.1721	3.6328	3.2380	3.8832	3.8722
Mn-52m	0.9237	0.6562	0.8503	0.9271	1.1246	1.0304	1.1884	1.1592
Mn-53	0.5313	0.2465	0.4353	0.5358	0.3499	0.1715	0.4271	0.5300
Mn-54	1.4553	0.9165	1.2904	1.4646	1.4708	1.2043	1.6145	1.6923
Mn-56	1.3024	0.9380	1.2027	1.3083	1.5867	1.4592	1.6787	1.6388
Mn-57	1.2821	0.7472	1.1082	1.2921	1.0707	0.7593	1.2177	1.3732
Mn-58m	2.0851	1.5074	1.9275	2.0951	2.5351	2.3341	2.6809	2.6223
Mo-101	1.9867	1.4121	1.8225	2.0003	2.2610	2.0208	2.4162	2.4240
Mo-102	0.1414	0.1111	0.1332	0.1431	0.1632	0.1509	0.1731	0.1735
Mo-89	0.2372	0.1684	0.2178	0.2381	0.2767	0.2505	0.2941	0.2907
Mo-90	4.1335	3.0278	3.8093	4.1626	4.4409	3.9515	4.7571	4.8497
Mo-91m	0.9652	0.6917	0.8892	0.9692	1.1448	1.0442	1.2149	1.1948

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Mo-91	0.0900	0.0594	0.0805	0.0901	0.0871	0.0720	0.0948	0.0989
Mo-93	1.2565	0.8235	1.1202	1.2585	1.1825	0.9644	1.2928	1.3605
Mo-93m	2.9406	2.1310	2.7154	2.9566	3.4370	3.1270	3.6538	3.6163
Mo-99	0.4023	0.3010	0.3739	0.4057	0.4624	0.4223	0.4913	0.4909
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	0.5982	0.4205	0.5464	0.5984	0.7366	0.6712	0.7729	0.7505
Na-22	0.9217	0.6581	0.8486	0.9250	1.1266	1.0376	1.1879	1.1600
Na-24	1.7704	1.2550	1.6263	1.7759	2.1721	1.9911	2.2911	2.2273
Nb-87	2.6323	1.9487	2.4343	2.6550	2.8361	2.5234	3.0363	3.0982
Nb-88m	3.5601	2.5933	3.2953	3.5791	4.2790	3.9307	4.5319	4.4532
Nb-88	5.1387	3.7233	4.7393	5.1672	5.9264	5.3652	6.3063	6.2796
Nb-89	0.6196	0.4200	0.5598	0.6210	0.6574	0.5669	0.7068	0.7177
Nb-89m	1.1218	0.8065	1.0330	1.1272	1.2713	1.1410	1.3554	1.3570
Nb-90	4.0011	2.8828	3.6779	4.0224	4.5072	4.0438	4.7990	4.8042
Nb-91	1.3262	0.8559	1.1776	1.3276	1.2140	0.9670	1.3335	1.4185
Nb-91m	1.0996	0.7213	0.9807	1.1016	1.0385	0.8481	1.1350	1.1940
Nb-92	3.1814	2.2152	2.8992	3.1921	3.4707	3.0515	3.7215	3.7561
Nb-92m	2.3032	1.5608	2.0803	2.3087	2.4005	2.0590	2.5893	2.6461
Nb-93m	0.2610	0.1640	0.2300	0.2617	0.2353	0.1840	0.2603	0.2795
Nb-94m	0.8696	0.5677	0.7745	0.8711	0.8159	0.6631	0.8929	0.9414
Nb-94	1.8384	1.3376	1.7025	1.8477	2.2277	2.0538	2.3604	2.3104
Nb-95	0.9138	0.6654	0.8466	0.9187	1.1069	1.0208	1.1731	1.1489
Nb-95m	1.1703	0.8078	1.0598	1.1753	1.1773	1.0027	1.2748	1.3196
Nb-96	3.0033	2.1963	2.7845	3.0198	3.6298	3.3457	3.8435	3.7710
Nb-97	0.9307	0.6822	0.8633	0.9356	1.1236	1.0365	1.1916	1.1674
Nb-98m	2.9200	2.1237	2.7034	2.9355	3.5330	3.2529	3.7418	3.6653
Nb-99	2.8632	2.2073	2.6741	2.8942	3.1468	2.8643	3.3520	3.4123
Nb-99m	0.7815	0.5742	0.7231	0.7867	0.9090	0.8278	0.9652	0.9599
Nd-134	3.0138	2.2606	2.7928	3.0469	3.3286	2.9971	3.5430	3.6421
Nd-135	3.3670	2.4556	3.0959	3.4011	3.6738	3.2668	3.9254	4.0544
Nd-136	3.2483	2.3506	2.9713	3.2821	3.4322	3.0200	3.6719	3.8601
Nd-137	3.0665	2.2304	2.8160	3.0947	3.3683	3.0068	3.5913	3.7021
Nd-138	1.4968	1.0585	1.3590	1.5111	1.5518	1.3483	1.6620	1.7645
Nd-139	1.3176	0.9372	1.2001	1.3296	1.3983	1.2271	1.4946	1.5678
Nd-139m	4.2636	3.1153	3.9258	4.3001	4.7683	4.2951	5.0739	5.1814
Nd-140	1.4049	0.9883	1.2732	1.4182	1.4463	1.2513	1.5503	1.6513
Nd-141	1.4148	0.9973	1.2832	1.4281	1.4624	1.2684	1.5666	1.6657
Nd-141m	0.9573	0.6946	0.8845	0.9631	1.1372	1.0414	1.2069	1.1937
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	1.5332	1.1461	1.4152	1.5521	1.6575	1.4803	1.7690	1.8462

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Nd-149	2.2288	1.6907	2.0742	2.2538	2.5065	2.2775	2.6675	2.7197
Nd-151	2.4082	1.8371	2.2473	2.4327	2.7692	2.5438	2.9374	2.9612
Nd-152	1.0171	0.7250	0.9306	1.0263	1.0852	0.9470	1.1708	1.2091
Ne-19	0.0002	0.0002	0.0002	0.0002	0.0003	0.0003	0.0003	0.0003
Ne-24	1.0451	0.7791	0.9740	1.0524	1.2535	1.1556	1.3274	1.3105
Ni-56	4.5000	3.1567	4.1062	4.5411	4.8507	4.2146	5.2369	5.3713
Ni-57	1.6945	1.1022	1.5143	1.7053	1.7593	1.4754	1.9136	1.9859
Ni-59	0.9212	0.4274	0.7547	0.9289	0.6067	0.2973	0.7405	0.9190
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.4251	0.3058	0.3926	0.4270	0.5179	0.4761	0.5474	0.5344
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	5.5981	3.8583	5.0686	5.6429	5.6868	4.8095	6.1792	6.4659
Np-233	2.5217	1.7513	2.2818	2.5466	2.4542	2.0398	2.6807	2.8614
Np-234	3.6132	2.4318	3.2481	3.6405	3.5633	2.9488	3.8904	4.1111
Np-235	1.2401	0.7035	1.0641	1.2460	0.9906	0.6726	1.1321	1.2861
Np-236	5.9264	3.8566	5.2694	5.9711	5.4463	4.2949	6.0219	6.5205
Np-236m	1.4704	1.0007	1.3230	1.4838	1.4043	1.1487	1.5399	1.6522
Np-237	2.3657	1.4814	2.0814	2.3805	2.0913	1.5903	2.3291	2.5581
Np-238	1.5765	1.0082	1.4000	1.5835	1.5436	1.2552	1.6912	1.7790
Np-239	3.6696	2.4989	3.3048	3.7032	3.5588	2.9371	3.8966	4.1565
Np-240	4.8532	3.2256	4.3508	4.8844	4.7989	3.9683	5.2416	5.5146
Np-240m	1.3611	0.8741	1.2095	1.3679	1.3142	1.0618	1.4434	1.5274
Np-241	0.9469	0.6522	0.8552	0.9556	0.9229	0.7670	1.0079	1.0725
Np-242	0.3696	0.2472	0.3330	0.3713	0.3930	0.3365	0.4246	0.4340
Np-242m	4.3214	2.8146	3.8525	4.3473	4.1873	3.4053	4.5928	4.8596
O-14	0.8645	0.6109	0.7927	0.8672	1.0632	0.9716	1.1211	1.0884
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	1.8353	1.4101	1.7215	1.8544	2.1714	2.0086	2.2975	2.2825
Os-180	3.4971	2.2071	3.0769	3.5354	3.1216	2.3809	3.5063	3.8668
Os-181	5.7293	3.9392	5.1740	5.7899	5.7784	4.8513	6.3210	6.6594
Os-182	4.2720	2.8554	3.8251	4.3190	4.1197	3.3464	4.5477	4.8763
Os-183	5.9126	4.0952	5.3435	5.9819	5.8867	4.9213	6.4533	6.8417
Os-183m	3.2114	2.1636	2.8833	3.2430	3.2057	2.6610	3.5156	3.7144
Os-185	3.1181	2.1149	2.8049	3.1495	3.1181	2.5962	3.4208	3.6107
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	0.8590	0.4021	0.7051	0.8661	0.5695	0.2832	0.6932	0.8577
Os-190m	5.5001	3.8018	4.9950	5.5487	5.8199	4.9974	6.3093	6.5217
Os-191	3.2648	2.0648	2.8750	3.2996	2.8907	2.1963	3.2471	3.5938
Os-191m	1.0588	0.5473	0.8876	1.0683	0.7709	0.4553	0.9130	1.0891
Os-193	0.8577	0.5616	0.7633	0.8669	0.8013	0.6355	0.8899	0.9655

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Os-194	0.8357	0.4257	0.6984	0.8428	0.6019	0.3489	0.7128	0.8557
Os-196	0.7336	0.5181	0.6671	0.7418	0.7457	0.6343	0.8130	0.8545
P-30	0.0007	0.0005	0.0006	0.0007	0.0008	0.0007	0.0009	0.0009
P-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pa-227	1.2101	0.7751	1.0703	1.2197	1.0810	0.8315	1.2039	1.3199
Pa-228	6.3480	4.2477	5.6975	6.3961	6.2122	5.1043	6.7982	7.2064
Pa-229	2.3989	1.6186	2.1523	2.4218	2.2536	1.8173	2.4805	2.6807
Pa-230	3.7991	2.5475	3.4099	3.8289	3.6932	3.0272	4.0445	4.3008
Pa-231	2.3024	1.3378	1.9882	2.3147	1.8964	1.3304	2.1516	2.4250
Pa-232	2.9155	1.9362	2.6161	2.9324	2.9353	2.4445	3.1982	3.3402
Pa-233	2.9992	2.0010	2.6875	3.0234	2.8731	2.3339	3.1558	3.3738
Pa-234	5.9477	4.0270	5.3594	5.9898	5.9683	4.9949	6.4995	6.8136
Pa-234m	0.0467	0.0314	0.0420	0.0470	0.0471	0.0394	0.0513	0.0537
Pa-235	0.3110	0.1446	0.2549	0.3136	0.2052	0.1010	0.2502	0.3103
Pa-236	2.0003	1.3231	1.7932	2.0112	2.0227	1.6854	2.2032	2.2960
Pa-237	1.0512	0.7129	0.9518	1.0577	1.1435	0.9907	1.2345	1.2591
Pb-194	4.7168	3.2855	4.2757	4.7680	4.7706	4.0185	5.2033	5.4814
Pb-195m	6.2585	4.2427	5.6385	6.3177	6.2974	5.2472	6.8831	7.2520
Pb-196	4.5177	3.1507	4.0935	4.5693	4.4999	3.7634	4.9214	5.2203
Pb-197	4.0651	2.8380	3.6911	4.1062	4.2175	3.5984	4.5801	4.7759
Pb-197m	5.6320	3.8593	5.0861	5.6891	5.6614	4.7302	6.1856	6.5261
Pb-198	4.3790	3.0459	3.9649	4.4295	4.3478	3.6264	4.7585	5.0527
Pb-199	3.6750	2.5556	3.3306	3.7140	3.7403	3.1581	4.0762	4.2836
Pb-200	4.4708	3.0585	4.0246	4.5233	4.2808	3.4874	4.7144	5.0736
Pb-201	4.1708	2.9196	3.7869	4.2163	4.2492	3.5966	4.6305	4.8672
Pb-201m	1.5120	1.0432	1.3680	1.5265	1.5358	1.2935	1.6749	1.7581
Pb-202	0.8681	0.4185	0.7171	0.8747	0.5891	0.3074	0.7103	0.8693
Pb-202m	3.6837	2.6107	3.3746	3.7100	4.1314	3.6663	4.4283	4.4703
Pb-203	3.7397	2.6094	3.3887	3.7831	3.7145	3.1024	4.0660	4.3188
Pb-204m	3.0631	2.2266	2.8305	3.0841	3.5985	3.2744	3.8280	3.7998
Pb-205	0.8786	0.4236	0.7258	0.8853	0.5963	0.3112	0.7189	0.8798
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	0.9833	0.5313	0.8334	0.9899	0.7402	0.4612	0.8615	1.0094
Pb-211	0.1399	0.1010	0.1287	0.1411	0.1577	0.1409	0.1688	0.1704
Pb-212	1.6957	1.2165	1.5498	1.7157	1.7318	1.4786	1.8821	1.9794
Pb-214	1.6497	1.1640	1.5030	1.6669	1.7040	1.4544	1.8508	1.9349
Pd-100	4.1523	3.1056	3.8334	4.1992	4.4601	3.9881	4.7779	4.8974
Pd-101	2.7854	1.9362	2.5253	2.8031	2.9334	2.5588	3.1571	3.2223
Pd-103	1.2236	0.8320	1.1007	1.2311	1.2442	1.0656	1.3457	1.3859

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.2216	0.9170	1.1343	1.2341	1.3603	1.2292	1.4494	1.4656
Pd-109	0.6854	0.4698	0.6182	0.6896	0.6978	0.5972	0.7524	0.7838
Pd-111	0.0832	0.0618	0.0773	0.0839	0.0975	0.0893	0.1035	0.1028
Pd-112	0.5422	0.3533	0.4823	0.5446	0.5166	0.4224	0.5658	0.5952
Pd-114	0.1857	0.1457	0.1748	0.1877	0.2143	0.1991	0.2270	0.2277
Pd-96	3.1334	2.3217	2.9003	3.1576	3.5493	3.2340	3.7760	3.7834
Pd-97	2.3380	1.7063	2.1609	2.3532	2.7259	2.4821	2.8970	2.8747
Pd-98	3.2130	2.3890	2.9683	3.2438	3.5099	3.1602	3.7504	3.8132
Pd-99	2.6519	1.9903	2.4623	2.6753	2.9933	2.7291	3.1840	3.1972
Pm-136	3.1149	2.3032	2.8928	3.1375	3.7072	3.4067	3.9324	3.8927
Pm-137m	4.5830	3.4430	4.2549	4.6303	5.1710	4.6929	5.4988	5.5984
Pm-139	0.8856	0.6410	0.8122	0.8939	0.9720	0.8656	1.0367	1.0701
Pm-140m	3.5083	2.5553	3.2418	3.5316	4.1364	3.7786	4.3881	4.3623
Pm-140	0.3178	0.2285	0.2913	0.3203	0.3544	0.3170	0.3774	0.3858
Pm-141	0.9002	0.6387	0.8191	0.9085	0.9562	0.8378	1.0223	1.0722
Pm-142	0.3795	0.2681	0.3446	0.3831	0.3976	0.3461	0.4256	0.4496
Pm-143	1.7911	1.2705	1.6300	1.8076	1.9028	1.6676	2.0358	2.1343
Pm-144	3.7566	2.7190	3.4555	3.7844	4.2667	3.8470	4.5421	4.5975
Pm-145	1.5004	1.0521	1.3576	1.5159	1.5288	1.3127	1.6437	1.7588
Pm-146	2.1474	1.5551	1.9740	2.1652	2.4126	2.1665	2.5695	2.6185
Pm-147	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Pm-148	0.5492	0.3985	0.5083	0.5517	0.6658	0.6125	0.7044	0.6895
Pm-148m	3.3153	2.4438	3.0770	3.3364	3.9501	3.6295	4.1904	4.1403
Pm-149	0.0498	0.0363	0.0459	0.0503	0.0554	0.0494	0.0594	0.0605
Pm-150	1.8212	1.3441	1.6910	1.8335	2.1853	2.0108	2.3147	2.2825
Pm-151	1.7847	1.3359	1.6539	1.8045	1.9898	1.7930	2.1220	2.1713
Pm-152m	3.6884	2.7652	3.4269	3.7227	4.2272	3.8571	4.4925	4.5305
Pm-152	0.7259	0.5403	0.6719	0.7328	0.8163	0.7403	0.8686	0.8833
Pm-153	1.3548	0.9992	1.2468	1.3702	1.4373	1.2728	1.5401	1.6084
Pm-154	2.0196	1.4432	1.8503	2.0353	2.2865	2.0437	2.4382	2.4667
Pm-154m	3.5726	2.6359	3.3025	3.6071	4.0445	3.6473	4.3097	4.3672
Po-203	4.6602	3.2396	4.2265	4.7053	4.7793	4.0504	5.1939	5.4351
Po-204	7.7489	5.2050	6.9496	7.8283	7.4587	6.0563	8.2101	8.8055
Po-205	4.4043	3.0687	3.9971	4.4471	4.5408	3.8614	4.9317	5.1515
Po-206	5.9100	3.9582	5.3020	5.9649	5.7619	4.7041	6.3267	6.7440
Po-207	4.0031	2.7991	3.6362	4.0426	4.1341	3.5218	4.4886	4.6873
Po-208	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002
Po-209	0.0739	0.0416	0.0633	0.0745	0.0598	0.0406	0.0688	0.0789
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Po-211	0.0111	0.0081	0.0103	0.0112	0.0133	0.0121	0.0141	0.0139
Po-212m	0.0423	0.0304	0.0390	0.0425	0.0512	0.0469	0.0542	0.0530
Po-212	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-213	0.0000	0.0000	0.0000	0.0000	0.0001	0.0001	0.0001	0.0001
Po-214	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-215	0.0004	0.0003	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005
Po-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-134	4.5123	3.3444	4.1899	4.5469	5.3211	4.8788	5.6451	5.6130
Pr-134m	2.0574	1.5103	1.9050	2.0725	2.4256	2.2169	2.5719	2.5581
Pr-135	2.3078	1.6934	2.1244	2.3304	2.5233	2.2552	2.6906	2.7809
Pr-136	2.4087	1.7488	2.2224	2.4236	2.8015	2.5462	2.9731	2.9734
Pr-137	1.1734	0.8293	1.0667	1.1835	1.2325	1.0771	1.3183	1.3882
Pr-138	0.3923	0.2767	0.3565	0.3956	0.4129	0.3610	0.4416	0.4645
Pr-138m	4.2394	3.0823	3.9101	4.2693	4.8905	4.4376	5.1970	5.2203
Pr-139	1.3063	0.9189	1.1850	1.3178	1.3537	1.1760	1.4496	1.5371
Pr-140	0.6969	0.4903	0.6322	0.7031	0.7222	0.6274	0.7733	0.8200
Pr-142	0.0336	0.0238	0.0309	0.0337	0.0411	0.0376	0.0434	0.0422
Pr-142m	0.0418	0.0194	0.0343	0.0422	0.0275	0.0135	0.0336	0.0417
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0212	0.0153	0.0196	0.0213	0.0258	0.0237	0.0273	0.0267
Pr-144m	0.7139	0.4639	0.6331	0.7205	0.6757	0.5452	0.7400	0.8107
Pr-145	0.0403	0.0294	0.0371	0.0406	0.0457	0.0412	0.0486	0.0493
Pr-146	1.0373	0.7592	0.9618	1.0433	1.2521	1.1518	1.3251	1.3016
Pr-147	2.9474	2.1539	2.7058	2.9789	3.1843	2.8263	3.4026	3.5396
Pr-148	1.4017	1.0434	1.3042	1.4118	1.6734	1.5404	1.7737	1.7535
Pr-148m	2.1199	1.5952	1.9783	2.1374	2.5164	2.3178	2.6700	2.6491
Pt-184	9.0619	6.1018	8.1250	9.1642	8.6884	7.0524	9.5945	10.3080
Pt-186	4.2651	2.8869	3.8322	4.3098	4.1843	3.4466	4.6032	4.8966
Pt-187	5.6476	3.8103	5.0654	5.7106	5.4292	4.4198	5.9926	6.4326
Pt-188	4.1898	2.7841	3.7407	4.2377	3.9337	3.1426	4.3637	4.7259
Pt-189	5.4364	3.6212	4.8574	5.4966	5.1443	4.1336	5.6989	6.1523
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	5.0210	3.3608	4.4899	5.0785	4.7400	3.8093	5.2528	5.6776
Pt-193	0.9222	0.4405	0.7603	0.9294	0.6213	0.3195	0.7513	0.9226
Pt-193m	1.3573	0.7315	1.1489	1.3698	1.0253	0.6409	1.2005	1.4117
Pt-195m	4.2200	2.5588	3.6751	4.2644	3.5711	2.5830	4.0563	4.5719
Pt-197	1.1676	0.7046	1.0160	1.1801	0.9813	0.7030	1.1152	1.2613
Pt-197m	2.7772	1.6615	2.4114	2.8048	2.3333	1.6683	2.6558	2.9977
Pt-199	0.7026	0.4939	0.6408	0.7090	0.7488	0.6480	0.8098	0.8353

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pt-200	1.8230	1.1647	1.6100	1.8433	1.6301	1.2467	1.8259	2.0168
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pu-232	1.8702	1.2999	1.6928	1.8884	1.8248	1.5210	1.9918	2.1230
Pu-234	2.1771	1.4940	1.9635	2.1975	2.0981	1.7305	2.2961	2.4566
Pu-235	2.9882	2.0228	2.6847	3.0151	2.8450	2.3210	3.1219	3.3521
Pu-236	0.3725	0.2173	0.3219	0.3741	0.3067	0.2163	0.3475	0.3892
Pu-237	2.2301	1.4602	1.9853	2.2482	2.0541	1.6268	2.2707	2.4629
Pu-238	0.3442	0.2006	0.2974	0.3457	0.2832	0.1995	0.3208	0.3595
Pu-239	0.2069	0.1134	0.1761	0.2081	0.1603	0.1044	0.1851	0.2133
Pu-240	0.3237	0.1887	0.2797	0.3251	0.2663	0.1877	0.3017	0.3380
Pu-241	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Pu-242	0.2775	0.1618	0.2398	0.2787	0.2284	0.1609	0.2587	0.2899
Pu-243	0.8121	0.5741	0.7376	0.8214	0.8021	0.6744	0.8746	0.9297
Pu-244	0.2517	0.1503	0.2189	0.2529	0.2152	0.1573	0.2419	0.2673
Pu-245	1.6389	1.1806	1.5043	1.6530	1.7675	1.5567	1.9001	1.9483
Pu-246	3.0011	2.1036	2.7236	3.0298	3.0120	2.5542	3.2689	3.4500
Ra-219	1.1267	0.8155	1.0343	1.1389	1.1921	1.0371	1.2878	1.3354
Ra-220	0.0107	0.0079	0.0099	0.0108	0.0126	0.0115	0.0133	0.0133
Ra-221	1.2588	0.8009	1.1122	1.2696	1.1221	0.8565	1.2514	1.3755
Ra-222	0.0367	0.0274	0.0341	0.0370	0.0418	0.0379	0.0447	0.0450
Ra-223	2.3162	1.6016	2.0931	2.3425	2.2547	1.8605	2.4712	2.6448
Ra-224	0.0698	0.0517	0.0646	0.0705	0.0763	0.0679	0.0819	0.0838
Ra-225	0.9353	0.6205	0.8335	0.9425	0.8855	0.7182	0.9655	1.0508
Ra-226	1.0202	0.7430	0.9430	1.0230	1.2287	1.1283	1.3061	1.2561
Ra-227	2.5113	1.5652	2.2093	2.5272	2.2510	1.7195	2.5059	2.7427
Ra-228	1.0760	0.7834	0.9957	1.0778	1.2987	1.1883	1.3837	1.3468
Ra-230	1.1698	0.8046	1.0558	1.1819	1.1388	0.9400	1.2479	1.3317
Rb-77	2.2435	1.6991	2.0846	2.2675	2.4778	2.2262	2.6529	2.6962
Rb-78m	2.5079	1.8369	2.3235	2.5233	2.9933	2.7439	3.1722	3.1294
Rb-78	1.9324	1.3758	1.7749	1.9417	2.2689	2.0478	2.4097	2.3853
Rb-79	2.6680	1.9040	2.4424	2.6900	2.8110	2.4329	3.0298	3.1234
Rb-80	0.2958	0.2132	0.2728	0.2973	0.3459	0.3138	0.3684	0.3649
Rb-81	1.5809	0.9824	1.3916	1.5882	1.4151	1.0693	1.5732	1.7139
Rb-81m	1.2610	0.7819	1.1068	1.2657	1.0679	0.7777	1.1939	1.3227
Rb-82	0.2211	0.1497	0.2001	0.2222	0.2369	0.2036	0.2557	0.2609
Rb-82m	4.3529	2.9851	3.9525	4.3735	4.7360	4.1116	5.0953	5.1745
Rb-83	2.4974	1.5751	2.2089	2.5086	2.3119	1.7945	2.5556	2.7511
Rb-84	1.7521	1.1059	1.5508	1.7591	1.6568	1.3042	1.8248	1.9456
Rb-84m	1.9398	1.4128	1.7885	1.9553	2.1091	1.8607	2.2631	2.3098
Rb-86m	0.9544	0.7028	0.8863	0.9598	1.1379	1.0445	1.2069	1.1905

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Rb-86	0.0830	0.0596	0.0766	0.0833	0.1012	0.0931	0.1069	0.1044
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rb-88	0.3654	0.2609	0.3366	0.3667	0.4469	0.4099	0.4721	0.4597
Rb-89	1.5823	1.1350	1.4587	1.5882	1.9303	1.7752	2.0390	1.9900
Rb-90	0.8314	0.5948	0.7654	0.8344	1.0156	0.9323	1.0726	1.0458
Rb-90m	1.9402	1.3893	1.7878	1.9482	2.3530	2.1567	2.4892	2.4331
Re-178	4.1377	2.8203	3.7275	4.1819	4.1413	3.4530	4.5362	4.7987
Re-179	4.8541	3.3616	4.3947	4.9067	4.9576	4.1920	5.4104	5.6790
Re-180	4.4435	2.9839	3.9856	4.4903	4.3898	3.6210	4.8247	5.1265
Re-181	5.2620	3.5732	4.7326	5.3207	5.2089	4.3116	5.7230	6.0792
Re-182	10.0147	6.9585	9.0667	10.1289	10.1104	8.5160	11.0481	11.6542
Re-182m	5.4487	3.7489	4.9143	5.5108	5.4297	4.5317	5.9505	6.3073
Re-183	5.0797	3.3122	4.5085	5.1413	4.6692	3.6600	5.2080	5.6975
Re-184	3.9790	2.6940	3.5765	4.0216	3.9521	3.2783	4.3386	4.5999
Re-184m	4.2808	2.7884	3.8036	4.3287	3.9928	3.1585	4.4409	4.8269
Re-186	0.5190	0.3520	0.4660	0.5251	0.4964	0.4047	0.5476	0.5892
Re-186m	2.7647	1.4343	2.3195	2.7901	2.0266	1.2084	2.3942	2.8533
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	0.4840	0.3430	0.4412	0.4895	0.4963	0.4229	0.5396	0.5646
Re-188m	3.4674	2.1646	3.0413	3.5066	3.0309	2.2692	3.4213	3.8111
Re-189	0.5897	0.3966	0.5296	0.5960	0.5756	0.4715	0.6334	0.6761
Re-190	3.5152	2.5986	3.2583	3.5476	4.0225	3.6379	4.2935	4.3125
Re-190m	3.7882	2.6535	3.4466	3.8259	3.9766	3.4196	4.3149	4.4776
Rh-100m	1.8436	1.2762	1.6666	1.8566	1.8969	1.6384	2.0471	2.1105
Rh-100	3.4059	2.4111	3.1184	3.4228	3.8733	3.4746	4.1289	4.1141
Rh-101	3.5925	2.6905	3.3298	3.6265	3.9438	3.5625	4.2090	4.2663
Rh-101m	2.2139	1.5815	2.0260	2.2296	2.3906	2.1131	2.5666	2.6061
Rh-102	1.3835	0.9737	1.2618	1.3915	1.5022	1.3262	1.6110	1.6297
Rh-102m	4.2433	3.0426	3.9006	4.2669	4.8579	4.3849	5.1777	5.1565
Rh-103m	0.1934	0.1181	0.1690	0.1948	0.1744	0.1343	0.1943	0.2107
Rh-104	0.0258	0.0187	0.0238	0.0260	0.0299	0.0272	0.0318	0.0316
Rh-104m	2.0700	1.5133	1.8973	2.0941	2.1990	1.9420	2.3652	2.4329
Rh-105	0.2765	0.2111	0.2590	0.2792	0.3269	0.3014	0.3471	0.3453
Rh-106	0.3257	0.2405	0.3028	0.3275	0.3918	0.3611	0.4150	0.4082
Rh-106m	3.5833	2.6309	3.3258	3.6040	4.3234	3.9835	4.5773	4.4961
Rh-107	1.0722	0.8188	1.0044	1.0824	1.2675	1.1695	1.3458	1.3385
Rh-108	0.6334	0.4724	0.5901	0.6382	0.7583	0.6990	0.8037	0.7937
Rh-109	1.3315	1.0141	1.2443	1.3446	1.5441	1.4173	1.6405	1.6418
Rh-94	2.2630	1.6385	2.0924	2.2739	2.7435	2.5239	2.9013	2.8387
Rh-95	1.7802	1.2659	1.6346	1.7881	2.0893	1.8963	2.2189	2.1892

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Rh-95m	1.0417	0.7596	0.9636	1.0475	1.2287	1.1225	1.3041	1.2892
Rh-96	3.8848	2.8066	3.5863	3.9043	4.6249	4.2338	4.9092	4.8277
Rh-96m	1.2885	0.9024	1.1755	1.2952	1.4504	1.2946	1.5492	1.5481
Rh-97	1.7312	1.2482	1.5930	1.7428	1.9734	1.7793	2.1036	2.1015
Rh-97m	2.9648	2.1372	2.7254	2.9847	3.3473	3.0068	3.5685	3.5706
Rh-98	1.1657	0.8445	1.0766	1.1716	1.3836	1.2661	1.4696	1.4460
Rh-99	3.3022	2.3843	3.0284	3.3286	3.5674	3.1636	3.8256	3.8924
Rh-99m	2.3574	1.6810	2.1576	2.3733	2.5792	2.2895	2.7641	2.7942
Rn-207	3.3100	2.3563	3.0242	3.3434	3.4860	3.0132	3.7703	3.9111
Rn-209	3.7340	2.6466	3.4068	3.7717	3.9165	3.3743	4.2380	4.4029
Rn-210	0.3075	0.2107	0.2777	0.3105	0.3068	0.2556	0.3351	0.3543
Rn-211	4.3738	3.0584	3.9800	4.4109	4.6305	3.9934	5.0046	5.1675
Rn-212	0.0005	0.0003	0.0004	0.0005	0.0006	0.0005	0.0006	0.0006
Rn-215	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0012	0.0009	0.0011	0.0012	0.0015	0.0013	0.0015	0.0015
Rn-219	0.2629	0.1950	0.2436	0.2656	0.2933	0.2628	0.3142	0.3193
Rn-220	1.1653	0.8602	1.0808	1.1672	1.3919	1.2768	1.4830	1.4454
Rn-222	0.0008	0.0006	0.0007	0.0008	0.0009	0.0008	0.0010	0.0010
Rn-223	2.3949	1.5359	2.1231	2.4144	2.2205	1.7426	2.4616	2.6664
Ru-103	0.9678	0.7196	0.9014	0.9739	1.1579	1.0661	1.2262	1.2108
Ru-105	1.5342	1.1315	1.4225	1.5450	1.7961	1.6437	1.9087	1.8934
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	0.6059	0.4544	0.5647	0.6109	0.7193	0.6625	0.7623	0.7546
Ru-108	0.7197	0.5576	0.6742	0.7285	0.8095	0.7377	0.8611	0.8692
Ru-92	6.9891	5.1818	6.4639	7.0504	7.7199	6.9462	8.2460	8.3460
Ru-94	2.3147	1.6311	2.1114	2.3286	2.4909	2.1906	2.6755	2.7155
Ru-95	2.7036	1.9268	2.4773	2.7194	3.0013	2.6751	3.2108	3.2287
Ru-97	2.5481	1.8422	2.3396	2.5679	2.7341	2.4177	2.9341	2.9881
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	0.7977	0.5610	0.7303	0.7993	0.9820	0.8970	1.0354	1.0029
S-38	0.7676	0.5442	0.7051	0.7702	0.9428	0.8620	0.9946	0.9665
Sb-111	2.1120	1.6091	1.9734	2.1316	2.4396	2.2366	2.5842	2.5883
Sb-113	1.5596	1.1411	1.4421	1.5688	1.7952	1.6298	1.9038	1.9097
Sb-114	1.7002	1.2157	1.5644	1.7071	2.0275	1.8528	2.1434	2.1131
Sb-115	1.8116	1.3066	1.6671	1.8206	2.0469	1.8426	2.1720	2.1936
Sb-116	1.7711	1.2541	1.6229	1.7775	2.0616	1.8666	2.1815	2.1714
Sb-116m	5.3835	3.9366	4.9726	5.4163	6.2048	5.6464	6.5739	6.5875
Sb-117	2.6277	1.9576	2.4335	2.6497	2.8956	2.6021	3.0739	3.1364

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Sb-118	0.3661	0.2552	0.3325	0.3674	0.3898	0.3420	0.4147	0.4286
Sb-118m	5.6185	4.0785	5.1742	5.6498	6.4033	5.7986	6.7841	6.8387
Sb-119	1.5827	1.0756	1.4259	1.5889	1.6169	1.3832	1.7327	1.8186
Sb-120	0.7440	0.5170	0.6748	0.7467	0.7817	0.6820	0.8322	0.8651
Sb-120m	5.9745	4.4758	5.5493	6.0253	6.8497	6.2515	7.2602	7.3106
Sb-122m	2.6972	1.9902	2.4807	2.7236	2.8636	2.5340	3.0699	3.1839
Sb-122	0.7519	0.5539	0.6983	0.7561	0.8998	0.8280	0.9535	0.9396
Sb-124	1.7448	1.2686	1.6155	1.7531	2.1148	1.9460	2.2392	2.1899
Sb-124m	0.8251	0.5775	0.7542	0.8300	0.9303	0.8252	0.9980	1.0048
Sb-124n	0.1458	0.0677	0.1194	0.1470	0.0960	0.0471	0.1172	0.1454
Sb-125	1.7825	1.2936	1.6412	1.7942	2.0005	1.8014	2.1256	2.1566
Sb-126	4.1062	3.0246	3.8133	4.1315	4.9440	4.5592	5.2415	5.1508
Sb-126m	2.5043	1.8448	2.3250	2.5208	3.0000	2.7606	3.1829	3.1357
Sb-127	1.2358	0.9151	1.1485	1.2440	1.4717	1.3541	1.5607	1.5424
Sb-128	4.5725	3.3733	4.2483	4.6008	5.5001	5.0715	5.8306	5.7338
Sb-128m	2.9983	2.2192	2.7878	3.0186	3.5965	3.3146	3.8146	3.7582
Sb-129	1.5671	1.1426	1.4518	1.5754	1.8963	1.7465	2.0076	1.9675
Sb-130m	3.5092	2.5825	3.2573	3.5317	4.2132	3.8804	4.4622	4.3905
Sb-130	5.1934	3.8668	4.8342	5.2321	6.1995	5.7109	6.5697	6.4876
Sb-131	1.9742	1.4346	1.8266	1.9838	2.3900	2.1998	2.5292	2.4771
Sb-133	2.0318	1.4640	1.8759	2.0406	2.4738	2.2749	2.6148	2.5543
Sc-42m	2.8313	2.0559	2.6203	2.8462	3.4348	3.1600	3.6307	3.5571
Sc-43	0.2650	0.1917	0.2442	0.2676	0.2991	0.2671	0.3205	0.3243
Sc-44	0.9666	0.6888	0.8894	0.9702	1.1715	1.0747	1.2383	1.2124
Sc-44m	1.0620	0.8079	0.9932	1.0721	1.2348	1.1322	1.3148	1.3161
Sc-46	1.8905	1.3620	1.7458	1.8983	2.3019	2.1205	2.4340	2.3784
Sc-47	0.9881	0.7910	0.9362	1.0016	1.1482	1.0628	1.2153	1.2150
Sc-48	2.9626	2.1347	2.7354	2.9746	3.6074	3.3217	3.8119	3.7243
Sc-49	0.0005	0.0004	0.0005	0.0005	0.0007	0.0006	0.0007	0.0007
Sc-50	2.7180	1.9646	2.5138	2.7298	3.3050	3.0395	3.4939	3.4147
Se-70	4.3919	2.5558	3.7925	4.4342	3.6808	2.5980	4.1945	4.7461
Se-71	1.3541	1.0121	1.2580	1.3669	1.5439	1.4010	1.6438	1.6512
Se-72	3.5274	1.9914	3.0174	3.5625	2.8147	1.8890	3.2388	3.7479
Se-73	3.2029	2.2245	2.9002	3.2381	3.2325	2.7192	3.5340	3.7244
Se-73m	0.6349	0.3705	0.5489	0.6402	0.5312	0.3747	0.6048	0.6824
Se-75	4.3779	2.8394	3.8947	4.4200	4.1164	3.2731	4.5603	4.9330
Se-77m	1.5552	1.0151	1.3858	1.5707	1.4503	1.1419	1.6057	1.7372
Se-79m	1.5428	0.8347	1.3082	1.5543	1.1608	0.7225	1.3532	1.5891
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0205	0.0155	0.0192	0.0207	0.0243	0.0224	0.0258	0.0256

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Se-81m	1.5986	0.8801	1.3613	1.6109	1.2255	0.7836	1.4215	1.6581
Se-83m	0.9623	0.7006	0.8908	0.9673	1.1654	1.0723	1.2335	1.2086
Se-83	3.3364	2.4721	3.1023	3.3593	4.0055	3.6892	4.2423	4.1801
Se-84	1.0299	0.7752	0.9613	1.0395	1.2287	1.1327	1.3026	1.2912
Si-31	0.0006	0.0005	0.0006	0.0006	0.0008	0.0007	0.0008	0.0008
Si-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-139	2.0581	1.5200	1.9043	2.0762	2.3465	2.1248	2.4980	2.5270
Sm-140	2.0216	1.4627	1.8501	2.0425	2.1670	1.9129	2.3164	2.4190
Sm-141	1.8909	1.3765	1.7411	1.9074	2.1434	1.9302	2.2804	2.3160
Sm-141m	3.9386	2.9035	3.6401	3.9752	4.4734	4.0453	4.7568	4.8224
Sm-142	1.3857	0.9784	1.2553	1.4006	1.4190	1.2228	1.5232	1.6302
Sm-143	0.8555	0.6047	0.7757	0.8645	0.8832	0.7638	0.9473	1.0095
Sm-143m	0.9724	0.7051	0.8978	0.9786	1.1492	1.0501	1.2204	1.2104
Sm-145	2.8599	2.0400	2.5983	2.8917	2.9469	2.5529	3.1624	3.3720
Sm-146	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0040	0.0020	0.0033	0.0040	0.0028	0.0016	0.0034	0.0041
Sm-153	1.8399	1.3654	1.6920	1.8647	1.9419	1.7134	2.0818	2.1960
Sm-155	1.6578	1.3134	1.5588	1.6818	1.8542	1.7059	1.9697	2.0257
Sm-156	1.6209	1.1715	1.4839	1.6417	1.6816	1.4532	1.8195	1.9122
Sm-157	2.0024	1.5275	1.8678	2.0262	2.2749	2.0734	2.4189	2.4534
Sn-106	3.3423	2.4546	3.0883	3.3653	3.7904	3.4346	4.0254	4.0569
Sn-108	3.4394	2.5409	3.1819	3.4658	3.8714	3.5017	4.1142	4.1618
Sn-109	2.7700	1.9691	2.5392	2.7819	3.1738	2.8603	3.3666	3.3676
Sn-110	2.3275	1.6983	2.1449	2.3429	2.5795	2.3150	2.7455	2.7920
Sn-111	0.9864	0.6872	0.8957	0.9902	1.0519	0.9229	1.1207	1.1532
Sn-113	1.2367	0.8591	1.1211	1.2416	1.2942	1.1276	1.3806	1.4320
Sn-113m	0.8874	0.6077	0.8012	0.8910	0.9132	0.7856	0.9769	1.0233
Sn-117m	2.4326	1.8187	2.2553	2.4544	2.6820	2.4102	2.8495	2.9066
Sn-119m	1.1029	0.7306	0.9865	1.1076	1.0950	0.9156	1.1821	1.2533
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.3687	0.2395	0.3278	0.3708	0.3563	0.2916	0.3876	0.4170
Sn-123	0.0061	0.0044	0.0056	0.0061	0.0075	0.0069	0.0079	0.0077
Sn-123m	1.4202	1.1178	1.3382	1.4379	1.6301	1.4990	1.7266	1.7348
Sn-125m	1.1044	0.8403	1.0335	1.1148	1.3078	1.2055	1.3882	1.3804
Sn-125	0.3153	0.2282	0.2915	0.3167	0.3830	0.3527	0.4051	0.3964
Sn-126	1.7121	1.2690	1.5771	1.7322	1.8061	1.5923	1.9395	2.0246
Sn-127m	0.9544	0.7080	0.8885	0.9603	1.1452	1.0548	1.2121	1.1957
Sn-127	2.1273	1.5598	1.9718	2.1396	2.5530	2.3487	2.7017	2.6596

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Sn-128	4.1585	3.0358	3.8271	4.1883	4.5773	4.1020	4.8657	4.9816
Sn-129	1.2171	0.8896	1.1280	1.2233	1.4709	1.3559	1.5586	1.5270
Sn-130	3.6130	2.7341	3.3654	3.6470	4.1331	3.7770	4.3884	4.4182
Sn-130m	2.2086	1.6484	2.0490	2.2263	2.5249	2.3021	2.6783	2.6954
Sr-79	2.0048	1.4527	1.8377	2.0222	2.0843	1.8098	2.2382	2.3366
Sr-80	2.0739	1.3596	1.8527	2.0828	1.9679	1.5723	2.1577	2.2943
Sr-81	2.0783	1.5723	1.9366	2.0989	2.3338	2.1088	2.4862	2.5091
Sr-82	1.4772	0.8916	1.2879	1.4808	1.2135	0.8548	1.3643	1.5241
Sr-83	2.7667	1.7709	2.4549	2.7768	2.5588	1.9986	2.8182	3.0223
Sr-85	2.4220	1.5894	2.1662	2.4311	2.3359	1.8838	2.5542	2.7012
Sr-85m	1.5344	1.1419	1.4229	1.5496	1.6842	1.5014	1.8043	1.8394
Sr-87m	1.0956	0.7912	1.0084	1.1041	1.2168	1.0807	1.3028	1.3190
Sr-89	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Sr-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sr-91	0.7756	0.5632	0.7177	0.7792	0.9405	0.8667	0.9959	0.9744
Sr-92	0.9594	0.6878	0.8850	0.9633	1.1700	1.0758	1.2354	1.2059
Sr-93	2.7764	2.0218	2.5678	2.7921	3.2751	2.9877	3.4766	3.4350
Sr-94	0.9490	0.6773	0.8748	0.9525	1.1601	1.0660	1.2252	1.1934
Ta-170	2.3322	1.5829	2.0966	2.3600	2.2885	1.8863	2.5163	2.6892
Ta-172	4.4642	3.0930	4.0426	4.5131	4.5927	3.8981	5.0028	5.2417
Ta-173	4.6083	3.1010	4.1271	4.6659	4.4273	3.5944	4.8914	5.2654
Ta-174	4.0591	2.7879	3.6614	4.1085	4.0371	3.3598	4.4263	4.7032
Ta-175	5.2175	3.6565	4.7327	5.2806	5.3234	4.5160	5.8069	6.1077
Ta-176	4.6121	3.1378	4.1551	4.6594	4.7142	3.9646	5.1449	5.3960
Ta-177	2.4205	1.6463	2.1712	2.4530	2.3134	1.8809	2.5582	2.7627
Ta-178	2.5490	1.7124	2.2788	2.5827	2.4104	1.9394	2.6724	2.8976
Ta-178m	8.9348	6.4547	8.1846	9.0473	9.4012	8.1573	10.1871	10.6140
Ta-179	1.4325	0.9021	1.2586	1.4502	1.2680	0.9585	1.4281	1.5862
Ta-180	2.1294	1.4288	1.9027	2.1578	2.0046	1.6083	2.2246	2.4166
Ta-182	3.9386	2.7704	3.5804	3.9805	4.0948	3.5123	4.4469	4.6371
Ta-182m	5.5372	3.6730	4.9446	5.6037	5.2323	4.1890	5.7976	6.2714
Ta-183	5.0952	3.3874	4.5520	5.1555	4.8347	3.8859	5.3545	5.7894
Ta-184	5.4226	3.7913	4.9351	5.4750	5.7433	4.9562	6.2234	6.4416
Ta-185	2.8820	1.8947	2.5677	2.9157	2.7015	2.1464	2.9994	3.2532
Ta-186	4.6298	3.3935	4.2750	4.6755	5.1556	4.6091	5.5263	5.6126
Tb-146	2.3123	1.6491	2.1251	2.3257	2.7248	2.4690	2.8923	2.8672
Tb-147m	2.0700	1.4634	1.8874	2.0884	2.2870	2.0196	2.4459	2.5057
Tb-147	3.5051	2.5490	3.2238	3.5371	3.9413	3.5379	4.2029	4.2712
Tb-148m	5.2458	3.8246	4.8417	5.2884	6.0700	5.5049	6.4627	6.4779
Tb-148	2.3690	1.7014	2.1757	2.3872	2.7146	2.4424	2.8927	2.9115

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Tb-149m	2.7510	1.9787	2.5216	2.7774	3.0524	2.7156	3.2668	3.3407
Tb-149	3.3544	2.4452	3.0855	3.3895	3.7229	3.3194	3.9805	4.0730
Tb-150m	5.5105	4.0293	5.0870	5.5573	6.3164	5.7104	6.7324	6.7790
Tb-150	3.0086	2.1538	2.7560	3.0338	3.3820	3.0173	3.6123	3.6684
Tb-151	4.8550	3.5564	4.4662	4.9104	5.2951	4.7008	5.6737	5.8611
Tb-151m	1.7460	1.0075	1.5025	1.7652	1.4484	1.0121	1.6564	1.8890
Tb-152m	4.4886	3.2405	4.1113	4.5413	4.8080	4.2103	5.1782	5.3783
Tb-152	2.9862	2.1625	2.7415	3.0164	3.3097	2.9443	3.5409	3.6275
Tb-153	3.6488	2.6281	3.3324	3.6954	3.8099	3.3048	4.1091	4.3289
Tb-154	3.7246	2.6702	3.4056	3.7611	4.0767	3.6049	4.3642	4.4911
Tb-155	3.8590	2.8291	3.5387	3.9126	4.0307	3.5158	4.3430	4.5834
Tb-156	5.3922	3.8947	4.9448	5.4486	5.9041	5.2251	6.3267	6.5122
Tb-156m	1.3477	1.0354	1.2506	1.3726	1.4636	1.3071	1.5737	1.6372
Tb-156n	0.5589	0.2954	0.4708	0.5645	0.4193	0.2585	0.4919	0.5832
Tb-157	0.5788	0.3207	0.4927	0.5848	0.4570	0.3024	0.5277	0.6153
Tb-158	3.1925	2.2432	2.8984	3.2285	3.3365	2.8724	3.6055	3.7851
Tb-160	2.2308	1.6004	2.0463	2.2514	2.4839	2.2061	2.6631	2.7100
Tb-161	1.8683	1.2446	1.6676	1.8901	1.7828	1.4436	1.9612	2.1281
Tb-162	2.7802	2.0415	2.5697	2.8068	3.1457	2.8294	3.3643	3.4013
Tb-163	2.1897	1.6267	2.0332	2.2099	2.5380	2.3085	2.7034	2.7093
Tb-164	4.4988	3.2723	4.1481	4.5383	5.1135	4.5953	5.4633	5.5044
Tb-165	1.0619	0.7232	0.9615	1.0696	1.1581	1.0041	1.2484	1.2745
Tc-101	1.1814	0.9041	1.1072	1.1926	1.3949	1.2875	1.4809	1.4732
Tc-102m	2.4069	1.7573	2.2302	2.4196	2.9111	2.6781	3.0802	3.0206
Tc-102	0.1131	0.0835	0.1051	0.1138	0.1361	0.1254	0.1441	0.1419
Tc-104	2.3954	1.7719	2.2260	2.4117	2.8797	2.6502	3.0496	3.0021
Tc-105	2.3750	1.8064	2.2164	2.3984	2.7292	2.4997	2.9005	2.9066
Tc-91	0.9076	0.6441	0.8337	0.9110	1.0851	0.9872	1.1493	1.1262
Tc-91m	0.6766	0.4953	0.6272	0.6803	0.8021	0.7341	0.8503	0.8402
Tc-92	4.5210	3.3903	4.2110	4.5579	5.3020	4.8658	5.6249	5.5822
Tc-93	2.0758	1.4206	1.8806	2.0824	2.2378	1.9544	2.4006	2.4242
Tc-93m	1.3535	0.9646	1.2402	1.3617	1.5118	1.3482	1.6154	1.6221
Tc-94	4.0803	2.8907	3.7405	4.0985	4.6531	4.1829	4.9642	4.9407
Tc-94m	1.4636	1.0331	1.3407	1.4696	1.6821	1.5137	1.7920	1.7785
Tc-95	2.2101	1.5236	2.0051	2.2187	2.3548	2.0535	2.5334	2.5703
Tc-95m	2.8232	2.0210	2.5881	2.8412	3.0604	2.7084	3.2809	3.3253
Tc-96	4.0802	2.8814	3.7364	4.0986	4.6260	4.1478	4.9385	4.9242
Tc-96m	0.7104	0.4711	0.6353	0.7134	0.6963	0.5807	0.7584	0.7899
Tc-97	1.2279	0.8118	1.0969	1.2314	1.1781	0.9731	1.2850	1.3443
Tc-97m	0.9357	0.6222	0.8370	0.9396	0.9117	0.7599	0.9929	1.0351

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Tc-98	1.8667	1.3651	1.7308	1.8766	2.2563	2.0813	2.3924	2.3436
Tc-99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Tc-99m	1.4895	1.1790	1.4039	1.5072	1.6930	1.5682	1.7941	1.8059
Te-113	1.1325	0.8126	1.0434	1.1374	1.3559	1.2404	1.4346	1.4114
Te-114	3.1575	2.2605	2.8928	3.1779	3.4749	3.0930	3.7018	3.7816
Te-115	1.9392	1.4004	1.7880	1.9491	2.2764	2.0750	2.4115	2.3942
Te-115m	2.1856	1.5635	2.0102	2.1953	2.5680	2.3358	2.7205	2.6976
Te-116	2.6118	1.8889	2.3941	2.6305	2.7906	2.4723	2.9720	3.0832
Te-117	1.9840	1.4093	1.8180	1.9928	2.2560	2.0292	2.3952	2.4077
Te-118	1.2221	0.8489	1.1079	1.2274	1.2767	1.1114	1.3614	1.4208
Te-119	2.1774	1.5491	1.9940	2.1875	2.4315	2.1772	2.5854	2.6194
Te-119m	3.6483	2.6908	3.3753	3.6742	4.1524	3.7669	4.4026	4.4333
Te-121	2.2130	1.5809	2.0288	2.2239	2.4620	2.2027	2.6172	2.6590
Te-121m	2.0585	1.5102	1.8992	2.0765	2.2600	2.0207	2.4097	2.4681
Te-123	0.1284	0.0601	0.1054	0.1295	0.0854	0.0427	0.1039	0.1285
Te-123m	2.1190	1.5845	1.9645	2.1405	2.3268	2.0849	2.4786	2.5348
Te-125m	2.1263	1.4733	1.9257	2.1375	2.2073	1.9144	2.3596	2.4739
Te-127	0.0150	0.0113	0.0140	0.0151	0.0176	0.0161	0.0186	0.0186
Te-127m	0.7196	0.4840	0.6463	0.7236	0.7226	0.6106	0.7791	0.8263
Te-129	0.5173	0.3380	0.4615	0.5205	0.5113	0.4222	0.5568	0.5926
Te-129m	0.5499	0.3748	0.4960	0.5528	0.5651	0.4846	0.6069	0.6376
Te-131	1.6974	1.3112	1.5916	1.7150	1.9634	1.8091	2.0793	2.0828
Te-131m	2.5379	1.8769	2.3540	2.5565	2.9694	2.7185	3.1492	3.1386
Te-132	2.6574	1.9792	2.4604	2.6826	2.9461	2.6577	3.1354	3.2076
Te-133	1.7396	1.2943	1.6188	1.7523	2.0810	1.9161	2.2055	2.1783
Te-133m	2.7392	2.0097	2.5372	2.7568	3.2319	2.9587	3.4271	3.3990
Te-134	2.8462	2.1555	2.6543	2.8736	3.2896	3.0141	3.4917	3.5061
Th-223	2.3062	1.5599	2.0705	2.3296	2.1731	1.7538	2.3926	2.5854
Th-224	0.2749	0.1951	0.2508	0.2777	0.2809	0.2394	0.3046	0.3185
Th-226	0.3369	0.2118	0.2968	0.3393	0.2974	0.2259	0.3319	0.3650
Th-227	2.7909	1.7579	2.4608	2.8115	2.4989	1.9095	2.7859	3.0503
Th-228	0.3460	0.2021	0.2990	0.3478	0.2825	0.1971	0.3209	0.3621
Th-229	4.1877	2.6411	3.6902	4.2219	3.6908	2.7943	4.1242	4.5522
Th-230	1.7742	1.4615	1.6894	1.8101	2.0230	1.9080	2.1373	2.1372
Th-231	2.7865	1.6639	2.4218	2.8013	2.3474	1.6956	2.6445	2.9516
Th-232	0.9258	0.6741	0.8552	0.9303	1.1158	1.0263	1.1742	1.1475
Th-233	0.7311	0.4350	0.6350	0.7367	0.6217	0.4500	0.7027	0.7869
Th-234	0.5249	0.3429	0.4666	0.5292	0.4785	0.3753	0.5307	0.5772
Th-235	0.1321	0.0951	0.1214	0.1332	0.1469	0.1307	0.1575	0.1596
Th-236	0.4250	0.2857	0.3815	0.4285	0.4081	0.3331	0.4476	0.4783

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ti-44	3.4065	2.7128	3.1983	3.4630	3.7264	3.3829	3.9951	4.1188
Ti-45	0.0466	0.0224	0.0385	0.0470	0.0324	0.0175	0.0389	0.0473
Ti-51	1.1002	0.8382	1.0303	1.1104	1.3073	1.2065	1.3877	1.3776
Ti-52	2.1456	1.6056	1.9856	2.1674	2.2833	2.0424	2.4477	2.5219
Tl-190	2.1423	1.5230	1.9579	2.1635	2.2984	2.0022	2.4823	2.5563
Tl-190m	4.8651	3.4937	4.4667	4.9074	5.3980	4.7863	5.7978	5.8870
Tl-194	2.6689	1.8677	2.4242	2.6970	2.7510	2.3425	2.9929	3.1302
Tl-194m	7.1388	5.0232	6.5077	7.2047	7.6043	6.5886	8.2260	8.4841
Tl-195	4.5304	2.9559	4.0320	4.5744	4.3072	3.4415	4.7637	5.1292
Tl-196	3.9579	2.7719	3.5997	3.9962	4.1711	3.5874	4.5194	4.6815
Tl-197	3.6018	2.4670	3.2443	3.6433	3.5069	2.8837	3.8553	4.1226
Tl-198	4.3826	3.0611	3.9822	4.4250	4.6056	3.9534	4.9924	5.1772
Tl-198m	5.4999	3.7551	4.9646	5.5527	5.5664	4.6638	6.0805	6.3941
Tl-199	3.6117	2.4691	3.2507	3.6545	3.4836	2.8478	3.8368	4.1196
Tl-200	4.2569	2.9775	3.8677	4.3002	4.4270	3.7848	4.8080	5.0100
Tl-201	3.4029	2.2514	3.0321	3.4433	3.1273	2.4611	3.4793	3.8045
Tl-202	3.3322	2.3072	3.0142	3.3695	3.3347	2.7893	3.6473	3.8608
Tl-204	0.0577	0.0374	0.0511	0.0584	0.0517	0.0398	0.0579	0.0639
Tl-206m	6.1549	4.5049	5.6870	6.2085	6.9574	6.2468	7.4414	7.5085
Tl-206	0.0025	0.0017	0.0022	0.0025	0.0024	0.0019	0.0026	0.0028
Tl-207	0.0027	0.0019	0.0024	0.0027	0.0032	0.0029	0.0034	0.0033
Tl-208	2.3340	1.6830	2.1512	2.3466	2.7675	2.5167	2.9374	2.8996
Tl-209	3.8558	2.8923	3.5853	3.8922	4.4029	4.0065	4.6861	4.7152
Tl-210	3.8843	2.7245	3.5476	3.9107	4.3182	3.8056	4.6346	4.6916
Tm-161	6.9693	4.9827	6.3498	7.0672	7.1989	6.1745	7.8178	8.2344
Tm-162	3.0870	2.1807	2.8104	3.1226	3.2822	2.8424	3.5492	3.6840
Tm-163	5.3982	3.8753	4.9291	5.4698	5.6790	4.9176	6.1501	6.4242
Tm-164	1.7027	1.1857	1.5394	1.7262	1.7177	1.4442	1.8764	1.9934
Tm-165	4.2963	3.0774	3.9206	4.3541	4.4884	3.8710	4.8688	5.1018
Tm-166	4.6444	3.2575	4.2199	4.6980	4.9023	4.2207	5.3112	5.5240
Tm-167	3.2268	2.2286	2.9102	3.2727	3.1858	2.6430	3.4956	3.7438
Tm-168	5.1879	3.7005	4.7383	5.2510	5.5087	4.7808	5.9596	6.1877
Tm-170	0.1979	0.1256	0.1743	0.2005	0.1760	0.1337	0.1978	0.2201
Tm-171	0.0296	0.0198	0.0265	0.0300	0.0279	0.0223	0.0310	0.0337
Tm-172	0.9939	0.6516	0.8871	1.0038	0.9849	0.8056	1.0822	1.1487
Tm-173	1.2436	0.9153	1.1501	1.2568	1.4148	1.2739	1.5128	1.5277
Tm-174	5.5818	4.0481	5.1367	5.6389	6.1662	5.4658	6.6253	6.7547
Tm-175	2.0864	1.5016	1.9189	2.1034	2.3702	2.1223	2.5358	2.5544
Tm-176	4.0625	2.8958	3.7178	4.1034	4.4310	3.8885	4.7716	4.8878
U-227	2.1284	1.4451	1.9154	2.1476	2.0485	1.6759	2.2467	2.4028

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
U-228	0.3656	0.2220	0.3192	0.3677	0.3120	0.2289	0.3506	0.3889
U-230	0.4065	0.2377	0.3515	0.4083	0.3337	0.2347	0.3783	0.4246
U-231	4.9594	3.1436	4.3769	4.9939	4.4103	3.3752	4.9076	5.3851
U-232	0.3844	0.2223	0.3315	0.3861	0.3119	0.2164	0.3545	0.3996
U-233	0.2048	0.1172	0.1761	0.2057	0.1643	0.1123	0.1874	0.2124
U-234	1.7336	1.4096	1.6455	1.7702	1.9753	1.8522	2.0649	2.1028
U-235	1.5939	1.2725	1.5068	1.6084	1.8592	1.7336	1.9725	1.9730
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	0.3180	0.1833	0.2740	0.3194	0.2571	0.1775	0.2925	0.3301
U-237	4.0156	2.7290	3.6110	4.0529	3.8588	3.1630	4.2336	4.5260
U-238	1.1507	0.8849	1.0734	1.1507	1.3370	1.2356	1.4034	1.3951
U-239	1.3401	0.9955	1.2333	1.3576	1.3809	1.2004	1.4940	1.5661
U-240	1.0228	0.6027	0.8859	1.0283	0.8519	0.6080	0.9636	1.0786
U-242	0.4024	0.3040	0.3728	0.4072	0.4334	0.3860	0.4661	0.4790
V-47	0.0190	0.0107	0.0163	0.0192	0.0161	0.0113	0.0184	0.0207
V-48	2.1501	1.4968	1.9646	2.1590	2.5225	2.2711	2.6841	2.6582
V-49	0.3600	0.1670	0.2949	0.3630	0.2371	0.1162	0.2893	0.3591
V-50	1.2008	0.7822	1.0770	1.2068	1.2999	1.1085	1.4065	1.4321
V-52	0.9172	0.6531	0.8451	0.9205	1.1226	1.0311	1.1852	1.1536
V-53	0.9847	0.7091	0.9092	0.9884	1.1992	1.1042	1.2681	1.2384
W-177	7.2787	5.0236	6.5725	7.3651	7.2385	6.0448	7.9330	8.4239
W-178	1.1962	0.6961	1.0306	1.2094	0.9793	0.6794	1.1246	1.2850
W-179	3.0755	1.9491	2.7082	3.1106	2.7559	2.1106	3.0895	3.4152
W-179m	1.8491	1.2125	1.6431	1.8716	1.7065	1.3441	1.9028	2.0773
W-181	1.9712	1.2862	1.7481	1.9961	1.8034	1.4100	2.0150	2.2092
W-185m	2.2617	1.1899	1.9044	2.2828	1.6833	1.0267	1.9815	2.3454
W-185	0.0015	0.0011	0.0014	0.0015	0.0015	0.0012	0.0016	0.0017
W-187	1.7073	1.2293	1.5641	1.7250	1.8282	1.6004	1.9753	2.0347
W-188	0.0183	0.0125	0.0165	0.0185	0.0182	0.0151	0.0200	0.0212
W-190	3.9658	2.7188	3.5698	4.0149	3.8288	3.1362	4.2218	4.5260
Xe-120	3.4121	2.4616	3.1287	3.4366	3.6933	3.2818	3.9359	4.0570
Xe-121	2.1156	1.5510	1.9524	2.1313	2.3802	2.1499	2.5287	2.5639
Xe-122	1.5357	1.0864	1.3997	1.5455	1.6285	1.4316	1.7378	1.8081
Xe-123	2.5059	1.8549	2.3167	2.5272	2.7718	2.4957	2.9462	3.0083
Xe-125	3.1132	2.2873	2.8713	3.1396	3.4150	3.0605	3.6356	3.7303
Xe-127	3.0600	2.2704	2.8317	3.0879	3.3875	3.0504	3.6030	3.6825
Xe-127m	2.5947	1.9773	2.4166	2.6213	2.8737	2.6179	3.0526	3.1192
Xe-129m	2.4187	1.6943	2.1963	2.4350	2.5258	2.2026	2.7006	2.8347
Xe-131m	1.0422	0.7182	0.9422	1.0491	1.0702	0.9212	1.1491	1.2123
Xe-133	1.5206	1.1447	1.4073	1.5387	1.6404	1.4698	1.7506	1.8208

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Xe-133m	1.1324	0.7937	1.0291	1.1402	1.1856	1.0335	1.2693	1.3289
Xe-135	1.1787	0.9075	1.1059	1.1901	1.3757	1.2694	1.4613	1.4621
Xe-135m	1.0009	0.7319	0.9261	1.0070	1.1636	1.0596	1.2348	1.2342
Xe-137	0.3441	0.2564	0.3205	0.3467	0.4118	0.3793	0.4362	0.4311
Xe-138	1.5470	1.0913	1.4148	1.5589	1.7213	1.5190	1.8469	1.8731
Y-81	2.5627	1.8683	2.3528	2.5872	2.6306	2.2793	2.8384	2.9613
Y-83	1.7476	1.1669	1.5682	1.7546	1.7162	1.4163	1.8646	1.9638
Y-83m	1.3705	0.9822	1.2574	1.3796	1.4683	1.2854	1.5790	1.6150
Y-84m	3.1803	2.2868	2.9344	3.1946	3.8156	3.4934	4.0448	3.9705
Y-85	1.1753	0.8078	1.0667	1.1803	1.2359	1.0589	1.3328	1.3681
Y-85m	1.3605	0.9285	1.2312	1.3666	1.4142	1.2029	1.5277	1.5725
Y-86	4.0257	2.8098	3.6745	4.0422	4.5145	3.9948	4.8264	4.8411
Y-86m	1.3810	1.0585	1.2926	1.3970	1.5727	1.4343	1.6741	1.6879
Y-87	2.3420	1.5523	2.1002	2.3507	2.2885	1.8721	2.4956	2.6237
Y-87m	1.0890	0.7882	1.0029	1.0972	1.2092	1.0761	1.2941	1.3088
Y-88	3.2402	2.1706	2.9199	3.2502	3.4070	2.8959	3.6760	3.7590
Y-89m	0.9498	0.6856	0.8777	0.9541	1.1510	1.0588	1.2188	1.1925
Y-90	0.0002	0.0001	0.0001	0.0002	0.0001	0.0001	0.0002	0.0002
Y-90m	2.3369	1.7783	2.1856	2.3597	2.7134	2.4873	2.8806	2.8798
Y-91	0.0024	0.0017	0.0022	0.0024	0.0030	0.0027	0.0031	0.0031
Y-91m	0.9674	0.7085	0.8967	0.9727	1.1414	1.0429	1.2120	1.1990
Y-92	0.2517	0.1824	0.2328	0.2529	0.3055	0.2812	0.3232	0.3163
Y-93	0.1408	0.1057	0.1313	0.1418	0.1676	0.1544	0.1777	0.1757
Y-94	0.7404	0.5355	0.6845	0.7437	0.8997	0.8284	0.9521	0.9309
Y-95	0.5491	0.3920	0.5054	0.5511	0.6716	0.6160	0.7091	0.6907
Yb-162	3.7069	2.6650	3.3842	3.7592	3.8071	3.2644	4.1387	4.3590
Yb-163	2.8661	1.9280	2.5679	2.9027	2.7984	2.2896	3.0828	3.3041
Yb-164	1.9497	1.3556	1.7588	1.9798	1.9156	1.5871	2.1056	2.2615
Yb-165	5.2027	3.4702	4.6431	5.2760	4.9059	3.9245	5.4415	5.9257
Yb-166	3.6407	2.5531	3.2919	3.6978	3.5924	2.9908	3.9442	4.2309
Yb-167	7.1672	5.0196	6.4872	7.2707	7.0953	5.9306	7.7757	8.3165
Yb-169	7.6483	5.4777	6.9671	7.7600	7.7680	6.6143	8.4724	8.9646
Yb-175	0.2389	0.1754	0.2201	0.2418	0.2587	0.2286	0.2788	0.2872
Yb-177	0.8887	0.6578	0.8200	0.8995	0.9617	0.8520	1.0342	1.0633
Yb-178	0.1524	0.1077	0.1392	0.1540	0.1648	0.1437	0.1779	0.1831
Yb-179	2.1442	1.5671	1.9812	2.1614	2.4662	2.2297	2.6334	2.6374
Zn-60	1.4213	1.0529	1.3156	1.4343	1.6137	1.4582	1.7271	1.7374
Zn-61	0.4405	0.3155	0.4058	0.4429	0.5233	0.4755	0.5554	0.5481
Zn-62	2.3502	1.3876	2.0389	2.3701	2.0682	1.5276	2.3285	2.5940
Zn-63	0.2481	0.1568	0.2201	0.2496	0.2514	0.2062	0.2757	0.2886

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Zn-65	1.7006	0.9112	1.4428	1.7126	1.3903	0.9345	1.6004	1.8220
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zn-69m	1.0112	0.7377	0.9351	1.0196	1.1696	1.0575	1.2471	1.2491
Zn-71	0.5283	0.3931	0.4919	0.5318	0.6322	0.5830	0.6693	0.6607
Zn-71m	2.9802	2.2249	2.7767	3.0021	3.5652	3.2875	3.7785	3.7312
Zn-72	3.3006	2.0808	2.9111	3.3347	2.9744	2.2836	3.3248	3.6550
Zr-85	0.9905	0.7239	0.9165	0.9972	1.1499	1.0433	1.2230	1.2184
Zr-86	4.0657	2.7772	3.6719	4.0832	4.0165	3.3579	4.3606	4.5660
Zr-87	0.3187	0.2068	0.2838	0.3193	0.3035	0.2450	0.3318	0.3498
Zr-88	2.3949	1.6341	2.1644	2.4064	2.4194	2.0381	2.6228	2.7243
Zr-89	2.0299	1.3681	1.8312	2.0356	2.1065	1.7926	2.2757	2.3343
Zr-89m	1.0169	0.7367	0.9393	1.0219	1.1888	1.0808	1.2645	1.2520
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	0.9056	0.6604	0.8392	0.9105	1.0962	1.0110	1.1619	1.1380
Zr-97	1.1080	0.8078	1.0264	1.1140	1.3334	1.2270	1.4137	1.3875

Table 17: Wood Surface Contamination for 100x100x10 ft and 200x200x20 ft rooms

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ac-223	0.5071	0.3913	0.6829	0.6110	0.3636	0.3378	0.5891	0.6785
Ac-224	4.4270	3.9964	5.0520	4.9479	3.8164	3.8339	4.9829	5.2204
Ac-225	0.7427	0.5836	0.9776	0.8821	0.5316	0.4956	0.8493	0.9713
Ac-226	1.8546	1.6863	2.0858	2.0619	1.6045	1.6189	2.0758	2.1536
Ac-227	0.1711	0.1133	0.2606	0.2191	0.1023	0.0855	0.2040	0.2519
Ac-228	2.6346	2.3814	2.9395	2.8991	2.2529	2.3000	2.9579	3.0283
Ac-230	1.1576	1.0320	1.3083	1.2785	0.9704	0.9838	1.3032	1.3428
Ac-231	3.7805	3.5476	4.0790	4.1289	3.4131	3.5039	4.2335	4.2596
Ac-232	1.7772	1.6089	1.9608	1.9419	1.5256	1.5667	2.0031	2.0281
Ac-233	1.4076	1.3365	1.4790	1.5155	1.3077	1.3701	1.5967	1.5580
Ag-100m	2.4699	2.4427	2.3903	2.5597	2.3979	2.5836	2.7738	2.5684
Ag-101	2.4129	2.3579	2.4070	2.5394	2.2635	2.3802	2.6622	2.5533
Ag-102m	1.6835	1.6446	1.6565	1.7568	1.5966	1.6975	1.8807	1.7738
Ag-102	3.8814	3.8226	3.7865	4.0363	3.7223	3.9825	4.3330	4.0535
Ag-103	3.2210	3.1049	3.2895	3.4228	2.9236	3.0258	3.5013	3.4396
Ag-104	5.1776	5.0502	5.1240	5.4104	4.8386	5.1425	5.7124	5.4327
Ag-104m	2.1447	2.0896	2.1283	2.2434	1.9965	2.1094	2.3648	2.2546
Ag-105	3.4764	3.3325	3.5568	3.6821	3.0918	3.1983	3.7499	3.6979
Ag-105m	0.0606	0.0369	0.0989	0.0812	0.0356	0.0288	0.0754	0.0954
Ag-106	0.7741	0.7279	0.8039	0.8217	0.6530	0.6663	0.8199	0.8260
Ag-106m	6.3472	6.1968	6.2942	6.6449	5.9397	6.2889	7.0091	6.6722
Ag-108	0.0677	0.0646	0.0691	0.0714	0.0595	0.0619	0.0730	0.0716
Ag-108m	4.9547	4.8184	4.9531	5.1992	4.5917	4.8536	5.4579	5.2223
Ag-109m	0.7352	0.6723	0.7961	0.7946	0.5931	0.5945	0.7724	0.8092
Ag-110	0.0642	0.0633	0.0628	0.0668	0.0618	0.0665	0.0719	0.0669
Ag-110m	4.2510	4.2120	4.1116	4.4064	4.1459	4.4789	4.7756	4.4208
Ag-111	0.1248	0.1235	0.1237	0.1316	0.1205	0.1274	0.1392	0.1316
Ag-111m	0.4105	0.3654	0.4612	0.4512	0.3221	0.3191	0.4358	0.4645
Ag-112	0.9715	0.9627	0.9402	1.0069	0.9478	1.0204	1.0937	1.0101
Ag-113m	0.9738	0.9403	0.9981	1.0385	0.9079	0.9520	1.0839	1.0497
Ag-113	0.2739	0.2709	0.2710	0.2884	0.2646	0.2802	0.3052	0.2888
Ag-114	0.4081	0.4046	0.3964	0.4242	0.3977	0.4262	0.4587	0.4260
Ag-115	0.9951	0.9837	0.9813	1.0468	0.9629	1.0193	1.1134	1.0499
Ag-116	2.4122	2.3912	2.3319	2.5027	2.3519	2.5192	2.7116	2.5187
Ag-117	2.0387	2.0120	2.0081	2.1405	1.9701	2.0866	2.2758	2.1501
Ag-99	2.7638	2.7235	2.7171	2.8956	2.6505	2.8141	3.0794	2.9049
Al-26	1.3226	1.3127	1.2586	1.3645	1.2985	1.3952	1.4966	1.3733
Al-28	1.2877	1.2791	1.2234	1.3277	1.2652	1.3599	1.4568	1.3350
Al-29	1.3357	1.3243	1.2782	1.3764	1.3096	1.4046	1.5053	1.3851

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Am-237	4.5850	4.1558	5.1718	5.0901	3.9185	3.9448	5.1245	5.3070
Am-238	4.2797	3.8953	4.7690	4.7157	3.6775	3.7329	4.7807	4.9106
Am-239	5.8269	5.1510	6.7905	6.5605	4.8153	4.7759	6.5247	6.9082
Am-240	4.7367	4.2393	5.3739	5.2527	3.9651	3.9937	5.2841	5.5009
Am-241	2.1814	2.1780	2.2896	2.2447	2.1053	2.1811	2.3600	2.3563
Am-242	0.9786	0.8187	1.2019	1.1211	0.7320	0.7015	1.0848	1.1964
Am-242m	0.6904	0.5339	0.9132	0.8165	0.4608	0.4199	0.7703	0.8913
Am-243	2.0500	1.9038	2.2679	2.2398	1.8200	1.8461	2.2602	2.3794
Am-244	4.2454	3.7287	4.8996	4.7294	3.4227	3.4248	4.7038	4.9594
Am-244m	0.3675	0.2987	0.4618	0.4239	0.2603	0.2450	0.4052	0.4550
Am-245	0.5971	0.5386	0.6783	0.6646	0.5052	0.5056	0.6656	0.6931
Am-246	6.0303	5.3077	6.9698	6.7329	4.8749	4.8568	6.6788	7.0491
Am-246m	2.1497	1.9928	2.3033	2.3215	1.8933	1.9627	2.3970	2.3950
Am-247	2.1078	1.9281	2.3534	2.3299	1.8206	1.8371	2.3487	2.4170
Ar-37	0.0665	0.0368	0.1149	0.0921	0.0361	0.0271	0.0846	0.1101
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	1.3133	1.3019	1.2578	1.3538	1.2873	1.3804	1.4797	1.3614
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	1.6005	1.5880	1.5364	1.6554	1.5666	1.6851	1.8000	1.6650
Ar-44	2.6898	2.6640	2.6297	2.8232	2.6244	2.7886	3.0165	2.8314
As-68	3.1376	3.1060	3.0277	3.2515	3.0628	3.2956	3.5287	3.2715
As-69	0.6368	0.5790	0.7185	0.7114	0.5685	0.5800	0.7294	0.7477
As-70	4.1980	4.1147	4.1276	4.3873	4.0557	4.3394	4.7320	4.4385
As-71	2.6950	2.2688	3.3550	3.1603	2.2240	2.1902	3.1357	3.4076
As-72	1.4303	1.3502	1.4985	1.5355	1.3290	1.4143	1.6294	1.5826
As-73	2.6188	1.5582	4.3479	3.5403	1.5166	1.2088	3.2789	4.1851
As-74	1.4010	1.2114	1.6697	1.5956	1.1884	1.2066	1.6342	1.7076
As-76	0.8120	0.8046	0.7913	0.8451	0.7905	0.8469	0.9123	0.8484
As-77	0.0493	0.0480	0.0504	0.0528	0.0470	0.0490	0.0552	0.0535
As-78	1.8217	1.8051	1.7623	1.8882	1.7782	1.9143	2.0503	1.8953
As-79	0.0843	0.0836	0.0825	0.0882	0.0819	0.0875	0.0947	0.0883
At-204	6.7174	6.3862	7.0514	7.2181	6.2232	6.5180	7.5736	7.4554
At-205	4.1008	3.7585	4.5535	4.5123	3.6403	3.7319	4.6303	4.7781
At-206	7.0123	6.6792	7.3423	7.5302	6.5101	6.8162	7.9001	7.7750
At-207	5.9507	5.5291	6.4626	6.4847	5.3700	5.5542	6.7142	6.8079
At-208	8.6607	8.1515	9.2175	9.3642	7.9383	8.2804	9.7591	9.7281
At-209	8.2826	7.7051	8.9894	9.0289	7.4792	7.7476	9.3429	9.4596
At-210	7.0294	6.5343	7.6028	7.6567	6.3463	6.5400	7.9395	8.0121
At-211	1.2963	1.1232	1.5587	1.4782	1.0747	1.0599	1.4700	1.6145
At-215	0.0008	0.0008	0.0008	0.0008	0.0007	0.0008	0.0009	0.0009

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
At-216	0.0629	0.0561	0.0732	0.0707	0.0541	0.0541	0.0711	0.0762
At-217	0.0020	0.0019	0.0022	0.0022	0.0018	0.0019	0.0023	0.0023
At-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-220	2.4592	2.3761	2.5368	2.6389	2.3116	2.4095	2.7571	2.6839
Au-186	4.3525	4.0920	4.7036	4.7523	4.0034	4.1349	4.9088	4.9306
Au-187	4.0995	3.6400	4.7909	4.6190	3.5514	3.5711	4.6789	4.9451
Au-190	5.0802	4.7762	5.4610	5.5188	4.6771	4.8390	5.7327	5.7451
Au-191	5.0571	4.5556	5.8255	5.6663	4.4433	4.4846	5.7452	6.0265
Au-192	4.8373	4.5204	5.2514	5.2751	4.4247	4.5654	5.4616	5.5106
Au-193	3.7308	3.3006	4.4255	4.2337	3.2166	3.2007	4.2397	4.5555
Au-193m	2.3639	2.0198	2.8872	2.7324	1.9543	1.9220	2.7263	2.9480
Au-194	4.1306	3.8131	4.5836	4.5477	3.7266	3.8143	4.6685	4.7821
Au-195	3.5287	2.9606	4.4508	4.1205	2.8754	2.7905	4.0626	4.5237
Au-195m	2.3949	2.0473	2.9224	2.7660	1.9797	1.9479	2.7599	2.9840
Au-196	3.8907	3.5899	4.3375	4.2955	3.5025	3.5761	4.3972	4.5139
Au-196m	5.8175	4.9006	7.2542	6.7822	4.7483	4.6347	6.7016	7.3797
Au-198	1.4156	1.3935	1.4121	1.4949	1.3628	1.4415	1.5974	1.5032
Au-198m	7.9028	7.2012	8.9875	8.8543	7.0298	7.1142	8.9763	9.3337
Au-199	1.6169	1.4671	1.8387	1.8131	1.4287	1.4448	1.8231	1.9085
Au-200	0.5251	0.5160	0.5200	0.5512	0.5067	0.5379	0.5907	0.5559
Au-200m	7.4322	7.1865	7.6386	7.9493	7.0332	7.3874	8.3563	8.0893
Au-201	0.2357	0.1943	0.2984	0.2764	0.1881	0.1836	0.2746	0.3022
Au-202	0.3259	0.3212	0.3210	0.3413	0.3154	0.3357	0.3667	0.3441
Ba-124	2.6692	2.5459	2.8017	2.8647	2.4187	2.5144	2.9282	2.9534
Ba-126	3.0768	2.9548	3.1885	3.2848	2.8168	2.9409	3.3866	3.3716
Ba-127	1.6098	1.5294	1.7048	1.7336	1.4492	1.4997	1.7637	1.7939
Ba-128	1.7513	1.6445	1.8800	1.8909	1.5335	1.5798	1.9039	1.9710
Ba-129	1.8147	1.7082	1.9447	1.9620	1.6071	1.6573	1.9864	2.0391
Ba-129m	5.4667	5.2556	5.6479	5.8411	5.0704	5.3158	6.0789	5.9759
Ba-131	3.9951	3.8376	4.1610	4.2766	3.6624	3.8100	4.4015	4.3899
Ba-131m	2.2234	2.0884	2.4217	2.4338	2.0068	2.0590	2.4761	2.5393
Ba-133	4.6778	4.4743	4.9094	5.0146	4.2614	4.4286	5.1371	5.1946
Ba-133m	1.5860	1.4186	1.8265	1.7709	1.3364	1.3494	1.7683	1.8899
Ba-135m	1.3538	1.2686	1.4633	1.4671	1.1923	1.2276	1.4830	1.5367
Ba-137m	1.3201	1.2985	1.3013	1.3769	1.2698	1.3657	1.4799	1.3880
Ba-139	0.5472	0.5340	0.5588	0.5871	0.5204	0.5437	0.6025	0.5936
Ba-140	1.1562	1.0182	1.3527	1.3063	0.9775	0.9857	1.3153	1.3893
Ba-141	2.9844	2.9430	2.9701	3.1517	2.8783	3.0445	3.3310	3.1687
Ba-142	2.7189	2.6651	2.7197	2.8650	2.5990	2.7473	3.0261	2.9138

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.1398	0.1387	0.1370	0.1463	0.1359	0.1443	0.1569	0.1468
Bi-197	4.5671	4.1775	5.0768	5.0290	4.0645	4.1694	5.1732	5.3253
Bi-200	8.2891	7.8425	8.8033	8.9679	7.6464	7.9344	9.3424	9.3047
Bi-201	4.6441	4.2702	5.1244	5.0962	4.1570	4.2719	5.2532	5.3866
Bi-202	7.5131	7.1174	7.9336	8.0965	6.9507	7.2544	8.4692	8.3955
Bi-203	5.4715	5.0820	5.9419	5.9633	4.9568	5.1294	6.1869	6.2652
Bi-204	7.6683	7.2244	8.1563	8.2891	7.0519	7.3467	8.6484	8.6238
Bi-205	4.3382	3.9646	4.8242	4.7773	3.8582	3.9569	4.9200	5.0592
Bi-206	8.8386	8.3349	9.3951	9.5495	8.1376	8.4926	9.9676	9.9322
Bi-207	4.7785	4.4278	5.2176	5.2191	4.3128	4.4475	5.4001	5.4885
Bi-208	2.8489	2.5581	3.2161	3.1569	2.4915	2.5398	3.2576	3.3762
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.6855	1.6152	1.7667	1.8194	1.5761	1.6362	1.8908	1.8663
Bi-211	0.2644	0.2528	0.2778	0.2850	0.2466	0.2569	0.2973	0.2930
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	0.3699	0.2957	0.4778	0.4369	0.2826	0.2743	0.4325	0.4808
Bi-213	0.5032	0.4845	0.5203	0.5385	0.4721	0.4940	0.5669	0.5519
Bi-214	1.7997	1.7774	1.7477	1.8692	1.7509	1.8786	2.0270	1.8833
Bi-215	1.3202	1.2456	1.4112	1.4330	1.2107	1.2521	1.4823	1.4895
Bi-216	2.0803	2.0433	2.0721	2.1890	1.9995	2.1219	2.3392	2.2107
Bk-245	4.7752	4.3338	5.3896	5.3014	4.0759	4.0899	5.3201	5.5179
Bk-246	4.5623	4.0799	5.1849	5.0590	3.8040	3.8350	5.0808	5.2875
Bk-247	2.3008	2.1748	2.4736	2.5033	2.0922	2.1427	2.5583	2.6026
Bk-248m	1.1167	0.9813	1.3036	1.2533	0.9021	0.8909	1.2382	1.3166
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	1.7860	1.6749	1.8788	1.9140	1.5955	1.6608	1.9833	1.9654
Bk-251	2.5695	2.2800	2.9801	2.8799	2.1180	2.1012	2.8556	3.0161
Br-72	2.6545	2.5890	2.6346	2.7842	2.5454	2.7214	2.9929	2.8248
Br-73	2.0104	1.9157	2.1308	2.1667	1.8701	1.9403	2.2499	2.2367
Br-74	2.9962	2.9208	2.9664	3.1387	2.8767	3.0710	3.3890	3.1868
Br-74m	3.6633	3.5770	3.6239	3.8322	3.5198	3.7716	4.1397	3.8799
Br-75	2.2848	2.1430	2.4555	2.4943	2.0849	2.1549	2.5832	2.5690
Br-76	2.9706	2.7537	3.1871	3.2213	2.6882	2.8048	3.3909	3.3495
Br-76m	2.7674	2.2155	3.5771	3.2445	2.0406	1.9445	3.1369	3.5649
Br-77	2.3070	1.8566	2.9698	2.7302	1.7679	1.6991	2.6927	2.9899
Br-77m	1.1853	0.8832	1.6272	1.4428	0.8045	0.7273	1.3808	1.6134
Br-78	0.2711	0.2364	0.3171	0.3054	0.2283	0.2321	0.3128	0.3250
Br-80	0.1813	0.1536	0.2193	0.2075	0.1477	0.1481	0.2103	0.2231
Br-80m	2.4187	1.8446	3.2415	2.8926	1.6635	1.5313	2.7657	3.2307

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Br-82m	0.9490	0.6388	1.4021	1.1956	0.5615	0.4702	1.1184	1.3689
Br-82	4.3384	4.2988	4.2067	4.5034	4.2305	4.5617	4.8753	4.5200
Br-83	0.0174	0.0171	0.0172	0.0183	0.0168	0.0179	0.0196	0.0184
Br-84m	4.0267	3.9946	3.8965	4.1854	3.9303	4.2151	4.5320	4.1974
Br-84	1.4447	1.4336	1.3825	1.4920	1.4155	1.5279	1.6263	1.5020
Br-85	0.0963	0.0954	0.0930	0.0999	0.0940	0.1016	0.1080	0.1003
C-10	1.2964	1.2844	1.2570	1.3443	1.2641	1.3717	1.4579	1.3474
C-11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-41	0.1187	0.0658	0.2052	0.1644	0.0644	0.0484	0.1510	0.1966
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	1.1591	1.1491	1.1127	1.1966	1.1351	1.2177	1.3052	1.2030
Ca-49	1.2474	1.2385	1.1717	1.2761	1.2303	1.3293	1.4122	1.2924
Cd-101	3.5284	3.4359	3.5380	3.7215	3.2983	3.4640	3.8899	3.7563
Cd-102	3.1127	2.9948	3.1665	3.2930	2.8041	2.9159	3.3784	3.3115
Cd-103	2.9143	2.8023	2.9288	3.0611	2.6279	2.7501	3.1684	3.0796
Cd-104	3.2168	3.0537	3.3481	3.4247	2.8086	2.8836	3.4330	3.4918
Cd-105	2.0962	2.0072	2.1200	2.2064	1.8674	1.9474	2.2668	2.2186
Cd-107	2.1332	1.9621	2.2797	2.2899	1.7146	1.7216	2.2207	2.3131
Cd-109	1.9950	1.8312	2.1377	2.1436	1.5983	1.6030	2.0766	2.1676
Cd-111m	2.7919	2.7083	2.8457	2.9811	2.5835	2.6797	3.0558	2.9946
Cd-113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0013	0.0012	0.0014	0.0014	0.0011	0.0012	0.0014	0.0015
Cd-115	0.5851	0.5761	0.5789	0.6137	0.5587	0.5918	0.6503	0.6169
Cd-115m	0.0450	0.0447	0.0434	0.0467	0.0440	0.0473	0.0505	0.0469
Cd-117	1.9842	1.9603	1.9444	2.0757	1.9179	2.0379	2.2169	2.0848
Cd-117m	2.1500	2.1324	2.0674	2.2259	2.1023	2.2573	2.4182	2.2393
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	2.3460	2.3221	2.2868	2.4488	2.2785	2.4267	2.6266	2.4580
Cd-119m	2.5757	2.5519	2.4845	2.6707	2.5123	2.6936	2.8937	2.6860
Ce-130	4.0519	3.8813	4.2498	4.3483	3.7223	3.8689	4.4674	4.4852
Ce-131	3.9815	3.8111	4.1432	4.2652	3.6815	3.8504	4.4307	4.3778
Ce-132	3.7486	3.6027	3.9169	4.0319	3.4614	3.5991	4.1264	4.1382
Ce-133	3.8584	3.6690	4.1094	4.1594	3.4981	3.6179	4.2333	4.3490
Ce-133m	5.7166	5.5324	5.8633	6.0652	5.3388	5.6069	6.3253	6.2216
Ce-134	1.5603	1.4505	1.7056	1.6928	1.3567	1.3936	1.6983	1.7880
Ce-135	4.1558	4.0088	4.2843	4.4258	3.8567	4.0449	4.5973	4.5406
Ce-137	1.7930	1.5986	2.0747	1.9996	1.5001	1.5141	1.9861	2.1467
Ce-137m	1.3640	1.2727	1.4838	1.4791	1.2029	1.2377	1.4913	1.5567
Ce-139	3.1744	3.0258	3.3552	3.4290	2.8989	3.0043	3.4808	3.5392

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ce-141	1.2870	1.2497	1.3288	1.3804	1.2157	1.2652	1.4173	1.4053
Ce-143	2.4762	2.3763	2.5889	2.6432	2.2820	2.3822	2.7154	2.7286
Ce-144	0.4334	0.4167	0.4553	0.4657	0.4030	0.4176	0.4774	0.4803
Ce-145	3.7120	3.5678	3.8487	3.9451	3.4356	3.6081	4.0870	4.0711
Cf-244	0.2471	0.1961	0.3176	0.2878	0.1681	0.1552	0.2721	0.3107
Cf-246	0.1697	0.1349	0.2179	0.1975	0.1156	0.1069	0.1868	0.2132
Cf-247	3.7469	3.2193	4.4952	4.2564	2.9420	2.8678	4.1683	4.5081
Cf-248	0.2031	0.1616	0.2605	0.2363	0.1386	0.1282	0.2236	0.2550
Cf-249	1.9261	1.7946	2.0787	2.0949	1.7019	1.7483	2.1525	2.1500
Cf-250	0.1702	0.1383	0.2138	0.1963	0.1205	0.1135	0.1877	0.2106
Cf-251	2.8625	2.5622	3.2799	3.1970	2.3918	2.3850	3.1831	3.3400
Cf-252	0.8585	0.8194	0.8875	0.9155	0.7888	0.8258	0.9582	0.9341
Cf-253	0.5457	0.4343	0.7046	0.6374	0.3774	0.3511	0.6031	0.6886
Cf-254	25.9040	25.6315	25.3595	27.0701	25.1506	26.8050	29.0022	27.2344
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0001	0.0001
Cl-34m	1.6747	1.6563	1.6388	1.7557	1.6349	1.7350	1.8757	1.7676
Cl-36	0.0009	0.0005	0.0016	0.0013	0.0005	0.0004	0.0012	0.0016
Cl-38	0.9517	0.9455	0.9027	0.9802	0.9357	1.0062	1.0773	0.9874
Cl-39	2.0158	1.9987	1.9550	2.1007	1.9692	2.0943	2.2652	2.1087
Cl-40	2.5129	2.4941	2.3886	2.5864	2.4688	2.6567	2.8389	2.6068
Cm-238	2.3983	2.1559	2.7418	2.6768	2.0206	2.0173	2.6741	2.7997
Cm-239	4.6425	4.2942	5.1203	5.1188	4.0856	4.1456	5.1725	5.2855
Cm-240	0.2793	0.2180	0.3647	0.3276	0.1862	0.1702	0.3092	0.3560
Cm-241	5.3009	4.6982	6.1298	5.9366	4.3857	4.3715	5.9317	6.2361
Cm-242	0.2507	0.1957	0.3275	0.2941	0.1671	0.1527	0.2776	0.3196
Cm-243	2.8618	2.4929	3.3919	3.2466	2.3265	2.2933	3.2165	3.4370
Cm-244	0.2152	0.1679	0.2812	0.2525	0.1434	0.1310	0.2383	0.2744
Cm-245	3.1256	2.7707	3.6302	3.5130	2.5873	2.5680	3.4917	3.6945
Cm-246	0.1771	0.1394	0.2296	0.2071	0.1198	0.1103	0.1962	0.2246
Cm-247	1.2200	1.1998	1.2193	1.2900	1.1696	1.2348	1.3738	1.2948
Cm-248	2.1801	2.1236	2.1871	2.2989	2.0677	2.1874	2.4389	2.3281
Cm-249	0.2609	0.1702	0.4069	0.3411	0.1660	0.1424	0.3223	0.3959
Cm-250	20.4691	20.2469	20.0501	21.3949	19.8649	21.1677	22.9172	21.5284
Cm-251	0.5555	0.5167	0.6019	0.6048	0.4917	0.5048	0.6204	0.6231
Co-54m	3.9840	3.9514	3.8514	4.1377	3.8909	4.1595	4.4858	4.1518
Co-55	1.8606	1.7954	1.8842	1.9704	1.7678	1.8791	2.1045	2.0109
Co-56	3.6936	3.4961	3.8341	3.9487	3.4506	3.6551	4.2129	4.0735
Co-57	2.9654	2.5165	3.6796	3.4573	2.4508	2.3986	3.4434	3.7228
Co-58	1.7073	1.5163	1.9566	1.9096	1.4921	1.5516	1.9779	2.0233

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Co-58m	0.4759	0.2639	0.8222	0.6589	0.2585	0.1946	0.6054	0.7880
Co-60	2.6667	2.6440	2.5556	2.7517	2.6127	2.8019	3.0006	2.7673
Co-60m	0.5678	0.3343	0.9498	0.7714	0.3274	0.2590	0.7141	0.9141
Co-61	1.8669	1.8113	1.9713	2.0007	1.7758	1.8286	2.0557	2.0844
Co-62	1.5449	1.5325	1.4787	1.5942	1.5141	1.6248	1.7378	1.6053
Co-62m	2.7461	2.7238	2.6304	2.8349	2.6906	2.8872	3.0884	2.8530
Cr-48	3.7555	3.5949	3.9771	4.0821	3.5283	3.6565	4.2351	4.1787
Cr-49	2.0372	1.9942	2.1036	2.1862	1.9607	2.0372	2.2577	2.2463
Cr-51	0.4171	0.2957	0.6117	0.5285	0.2895	0.2620	0.5073	0.6016
Cr-55	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0007	0.0006
Cr-56	2.9871	2.8139	3.2282	3.2486	2.7018	2.7703	3.2855	3.4218
Cs-121	1.3416	1.3092	1.3602	1.4269	1.2670	1.3293	1.4824	1.4449
Cs-121m	2.4792	2.4164	2.5228	2.6427	2.3375	2.4504	2.7462	2.6749
Cs-123	2.1798	2.1056	2.2464	2.3231	2.0155	2.1070	2.3984	2.3809
Cs-124	0.6437	0.6307	0.6433	0.6781	0.6105	0.6460	0.7155	0.6846
Cs-125	1.8324	1.7596	1.8948	1.9516	1.6694	1.7440	2.0093	1.9993
Cs-126	1.1070	1.0816	1.1123	1.1686	1.0429	1.1010	1.2310	1.1817
Cs-127	2.9204	2.8068	3.0217	3.1141	2.6617	2.7760	3.2068	3.1832
Cs-128	0.9187	0.8844	0.9449	0.9766	0.8398	0.8786	1.0097	0.9981
Cs-129	3.0088	2.8648	3.1521	3.2185	2.6866	2.7905	3.2762	3.3107
Cs-130m	2.8784	2.6887	3.1430	3.1327	2.5475	2.6147	3.1568	3.3037
Cs-130	0.8964	0.8419	0.9564	0.9641	0.7783	0.8027	0.9671	1.0002
Cs-131	1.4597	1.3625	1.5724	1.5755	1.2520	1.2856	1.5694	1.6400
Cs-132	2.7976	2.6888	2.8710	2.9630	2.5564	2.6958	3.0740	3.0295
Cs-134	2.9185	2.8913	2.8361	3.0309	2.8430	3.0732	3.2799	3.0401
Cs-134m	1.1152	0.9632	1.3451	1.2749	0.9119	0.9038	1.2605	1.3732
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	2.6102	2.5833	2.5301	2.7081	2.5402	2.7611	2.9288	2.7203
Cs-136	4.2824	4.2276	4.2068	4.4797	4.1475	4.4331	4.7827	4.5162
Cs-137	1.6021	1.5873	1.6742	1.5594	1.5709	1.6766	1.7865	1.6826
Cs-138m	1.7636	1.6786	1.8530	1.8947	1.6031	1.6677	1.9505	1.9539
Cs-138	2.6451	2.6228	2.5509	2.7436	2.5840	2.7659	2.9758	2.7588
Cs-139	0.2669	0.2648	0.2555	0.2755	0.2616	0.2810	0.3010	0.2772
Cs-140	1.7680	1.7535	1.7010	1.8291	1.7290	1.8597	1.9918	1.8395
Cu-57	0.1378	0.1363	0.1329	0.1427	0.1345	0.1444	0.1547	0.1438
Cu-59	0.6799	0.6691	0.6676	0.7106	0.6585	0.7037	0.7655	0.7162
Cu-60	2.6620	2.6186	2.5844	2.7649	2.5877	2.7734	3.0092	2.7943
Cu-61	0.8036	0.6843	0.9829	0.9283	0.6715	0.6700	0.9370	1.0019
Cu-62	0.0222	0.0157	0.0323	0.0280	0.0155	0.0141	0.0271	0.0319
Cu-64	0.2908	0.1639	0.4980	0.4006	0.1606	0.1227	0.3692	0.4780

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Cu-66	0.1305	0.1294	0.1255	0.1351	0.1276	0.1369	0.1460	0.1360
Cu-67	1.5055	1.4289	1.6187	1.6527	1.4035	1.4471	1.6960	1.7045
Cu-69	0.7788	0.7723	0.7521	0.8079	0.7605	0.8179	0.8730	0.8119
Dy-148	3.0865	2.9307	3.2834	3.3081	2.8490	2.9957	3.4244	3.4139
Dy-149	4.9201	4.6865	5.2087	5.2756	4.5641	4.7899	5.4606	5.4437
Dy-150	2.0516	1.9502	2.1905	2.2093	1.8915	1.9758	2.2796	2.2761
Dy-151	4.4517	4.1922	4.7815	4.8101	4.0827	4.2674	4.9721	4.9780
Dy-152	3.2893	3.1265	3.5220	3.5569	3.0346	3.1501	3.6420	3.6667
Dy-153	6.3190	5.9619	6.8400	6.8392	5.7868	6.0184	6.9891	7.1032
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	4.1049	3.9067	4.3774	4.4265	3.7973	3.9585	4.5477	4.5615
Dy-157	3.3756	3.2034	3.6179	3.6397	3.1065	3.2422	3.7297	3.7549
Dy-159	2.2316	2.0482	2.5293	2.4496	1.9730	2.0313	2.4515	2.5816
Dy-165m	0.5598	0.4324	0.7678	0.6814	0.4209	0.3987	0.6595	0.7608
Dy-165	0.3512	0.3293	0.3868	0.3831	0.3205	0.3322	0.3899	0.3987
Dy-166	1.7255	1.5465	2.0256	1.9334	1.5011	1.5261	1.9304	2.0609
Dy-167	2.5166	2.4276	2.6156	2.6925	2.3718	2.4898	2.8098	2.7443
Dy-168	2.5957	2.4610	2.7853	2.8146	2.4005	2.5001	2.9017	2.8949
Er-154	2.6098	2.3326	3.0460	2.9129	2.2201	2.2547	2.8817	3.0774
Er-156	3.2728	2.7878	4.0620	3.7688	2.6837	2.6696	3.7074	4.0830
Er-159	3.7988	3.5893	4.0889	4.1041	3.5006	3.6630	4.2363	4.2348
Er-161	4.0689	3.8130	4.4327	4.4174	3.7177	3.8860	4.5420	4.5808
Er-163	1.8922	1.7247	2.1785	2.0930	1.6686	1.7143	2.0928	2.2031
Er-165	1.8305	1.6642	2.1143	2.0280	1.6101	1.6525	2.0264	2.1370
Er-167m	1.3064	1.2027	1.4720	1.4533	1.1742	1.2024	1.4760	1.5125
Er-169	0.0138	0.0077	0.0237	0.0190	0.0075	0.0057	0.0175	0.0227
Er-171	3.3676	3.1976	3.6213	3.6578	3.1249	3.2471	3.7669	3.7565
Er-172	3.0765	2.9014	3.3399	3.3371	2.8317	2.9527	3.4426	3.4426
Er-173	5.1049	4.8753	5.4369	5.5332	4.7741	4.9761	5.7173	5.6647
Es-249	3.9247	3.6064	4.3444	4.3135	3.4000	3.4489	4.3645	4.4577
Es-250	11.7108	10.4006	13.4619	13.0451	9.6067	9.5922	12.9708	13.6370
Es-250m	3.4903	3.1846	3.8867	3.8411	2.9896	3.0233	3.8721	3.9819
Es-251	3.3399	2.9107	3.9520	3.7711	2.6771	2.6299	3.7120	3.9738
Es-253	0.0667	0.0527	0.0866	0.0782	0.0458	0.0424	0.0741	0.0848
Es-254	2.3726	1.8106	3.1951	2.8344	1.5829	1.4368	2.6721	3.1142
Es-254m	1.7613	1.6073	1.9351	1.9181	1.5025	1.5449	1.9522	1.9816
Es-255	0.0011	0.0010	0.0010	0.0011	0.0010	0.0011	0.0012	0.0011
Es-256	0.3344	0.2749	0.4158	0.3835	0.2381	0.2254	0.3642	0.4086
Eu-142	0.3883	0.3770	0.3908	0.4078	0.3683	0.3929	0.4325	0.4171
Eu-142m	4.8209	4.6731	4.8627	5.0888	4.5887	4.8925	5.4263	5.1819

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Eu-143	0.8488	0.8102	0.8855	0.9032	0.7854	0.8234	0.9363	0.9370
Eu-144	0.3728	0.3559	0.3875	0.3959	0.3451	0.3627	0.4117	0.4106
Eu-145	3.2640	3.1263	3.3834	3.4648	3.0333	3.1986	3.6050	3.5817
Eu-146	5.1900	5.0392	5.2423	5.4573	4.9177	5.2423	5.7773	5.5722
Eu-147	3.6777	3.4980	3.9025	3.9496	3.3818	3.5211	4.0455	4.0993
Eu-148	6.0118	5.8481	6.0757	6.3310	5.7032	6.0532	6.6928	6.4549
Eu-149	1.9996	1.8058	2.2818	2.2083	1.7264	1.7584	2.2019	2.3571
Eu-150	5.7637	5.6012	5.8637	6.0971	5.4507	5.7573	6.4037	6.2157
Eu-150m	0.2930	0.2789	0.3093	0.3136	0.2692	0.2810	0.3223	0.3251
Eu-152	4.0169	3.8649	4.1585	4.2757	3.7593	3.9454	4.4508	4.3968
Eu-152m	1.1344	1.0850	1.1849	1.2097	1.0527	1.1052	1.2524	1.2506
Eu-152n	2.3637	2.1287	2.7413	2.6592	2.0787	2.0978	2.6757	2.8544
Eu-154	3.1284	3.0369	3.1904	3.3179	2.9779	3.1422	3.4990	3.3790
Eu-154m	2.7822	2.4474	3.3206	3.1619	2.3727	2.3692	3.1488	3.4087
Eu-155	1.7030	1.6176	1.8398	1.8527	1.5795	1.6302	1.8928	1.9385
Eu-156	1.8003	1.7443	1.8214	1.9001	1.7140	1.8193	2.0213	1.9445
Eu-157	2.9361	2.7256	3.2549	3.2111	2.6440	2.7236	3.2667	3.3637
Eu-158	2.4511	2.3534	2.5242	2.6062	2.3086	2.4412	2.7470	2.6839
Eu-159	3.4862	3.2882	3.7829	3.7702	3.1850	3.3024	3.8358	3.9400
F-17	0.0005	0.0004	0.0004	0.0005	0.0004	0.0005	0.0005	0.0005
F-18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-52	2.0270	1.9213	2.1692	2.2266	1.8877	1.9496	2.2702	2.2771
Fe-53	0.6208	0.6111	0.6190	0.6558	0.5980	0.6332	0.7000	0.6582
Fe-53m	3.8234	3.7905	3.6813	3.9560	3.7380	4.0245	4.2968	3.9754
Fe-55	0.3943	0.2185	0.6817	0.5462	0.2141	0.1609	0.5018	0.6533
Fe-59	1.4245	1.4121	1.3707	1.4742	1.3939	1.4929	1.5994	1.4826
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	1.9518	1.9346	1.8918	2.0302	1.9060	2.0356	2.1878	2.0406
Fe-62	1.3250	1.3146	1.2981	1.3855	1.2882	1.3697	1.4848	1.3926
Fm-251	2.9805	2.6363	3.4776	3.3534	2.4701	2.4534	3.3336	3.5223
Fm-252	0.1753	0.1425	0.2204	0.2020	0.1226	0.1150	0.1915	0.2161
Fm-253	2.7716	2.3625	3.3524	3.1540	2.1381	2.0747	3.0691	3.3418
Fm-254	0.1875	0.1542	0.2327	0.2148	0.1339	0.1269	0.2051	0.2291
Fm-255	1.9107	1.5052	2.4912	2.2413	1.3030	1.2024	2.1187	2.4315
Fm-256	19.2758	19.0659	18.8802	20.1474	18.7022	19.9303	21.5797	20.2713
Fm-257	3.2347	2.8666	3.7457	3.6208	2.6495	2.6271	3.5837	3.7893
Fr-212	4.4491	4.0323	5.0045	4.9316	3.8786	3.9361	5.0286	5.2067
Fr-219	0.0197	0.0188	0.0208	0.0213	0.0183	0.0190	0.0221	0.0219
Fr-220	0.4326	0.3501	0.5558	0.5087	0.3270	0.3114	0.4953	0.5607
Fr-221	0.3206	0.3008	0.3475	0.3517	0.2911	0.2982	0.3604	0.3643

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Fr-222	2.2069	1.9703	2.5410	2.4765	1.8632	1.8650	2.4863	2.5999
Fr-223	1.9757	1.7349	2.3402	2.2189	1.6267	1.6274	2.1944	2.3578
Fr-224	2.1284	1.9833	2.3060	2.3247	1.9096	1.9634	2.3930	2.4025
Fr-227	3.7250	3.4687	4.0797	4.0811	3.3449	3.4217	4.1740	4.2678
Ga-64	1.9411	1.9169	1.8716	2.0112	1.8934	2.0354	2.1869	2.0313
Ga-65	2.3181	2.0949	2.6709	2.6098	2.0576	2.0820	2.6493	2.7508
Ga-66	1.6433	1.4607	1.8669	1.8311	1.4425	1.4844	1.9073	1.9486
Ga-67	2.7798	2.2404	3.6480	3.3368	2.1993	2.1158	3.2812	3.6812
Ga-68	0.1455	0.1020	0.2138	0.1843	0.1003	0.0908	0.1777	0.2108
Ga-70	0.0183	0.0164	0.0208	0.0205	0.0161	0.0165	0.0210	0.0216
Ga-72	2.9189	2.8922	2.8107	3.0212	2.8523	3.0833	3.2866	3.0393
Ga-73	3.0085	2.4234	3.9248	3.5893	2.3666	2.2923	3.5437	3.9384
Ga-74	3.2396	3.2129	3.1198	3.3532	3.1677	3.4052	3.6508	3.3727
Gd-142	1.8661	1.7911	1.9437	1.9911	1.7405	1.8257	2.0636	2.0480
Gd-143m	4.6766	4.5137	4.8207	4.9743	4.3946	4.6221	5.1888	5.0951
Gd-144	1.3983	1.3216	1.4913	1.4997	1.2778	1.3343	1.5396	1.5624
Gd-145m	1.7540	1.6146	1.9242	1.9181	1.5761	1.6498	1.9932	2.0005
Gd-145	2.7256	2.6258	2.7838	2.8782	2.5623	2.7096	3.0311	2.9618
Gd-146	6.6753	6.3309	7.1737	7.2191	6.1313	6.3480	7.3372	7.4932
Gd-147	5.5671	5.3796	5.7366	5.9235	5.2348	5.5089	6.1786	6.0590
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	4.5611	4.3569	4.8143	4.8973	4.2249	4.4098	5.0223	5.0491
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	2.3561	2.1195	2.7131	2.6174	2.0343	2.0686	2.6075	2.7872
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	3.7730	3.5499	4.1073	4.0931	3.4281	3.5422	4.1427	4.2863
Gd-159	0.6541	0.6163	0.7113	0.7080	0.5966	0.6203	0.7218	0.7345
Gd-162	1.5781	1.5153	1.6383	1.6933	1.4799	1.5515	1.7865	1.7280
Ge-66	3.5379	3.0238	4.3329	4.0859	2.9472	2.9306	4.0864	4.4047
Ge-67	2.0380	1.9751	2.0948	2.1953	1.9422	2.0329	2.2726	2.2216
Ge-68	0.9696	0.5385	1.6733	1.3414	0.5269	0.3967	1.2326	1.6039
Ge-69	1.7398	1.3945	2.2557	2.0663	1.3711	1.3401	2.0653	2.2766
Ge-71	0.9834	0.5462	1.6971	1.3605	0.5344	0.4023	1.2502	1.6267
Ge-75	0.2078	0.2053	0.2077	0.2208	0.2009	0.2106	0.2323	0.2215
Ge-77	3.4886	3.4409	3.4728	3.6899	3.3736	3.5652	3.9142	3.7044
Ge-78	1.5305	1.5153	1.5205	1.6199	1.4829	1.5600	1.7078	1.6224
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	2.3690	2.2159	2.6100	2.5930	2.1625	2.2336	2.6477	2.6876
Hf-169	3.4555	3.2247	3.8164	3.7810	3.1481	3.2488	3.8736	3.9332
Hf-170	5.0835	4.6143	5.8463	5.6772	4.5088	4.5935	5.7348	5.9740

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Hf-172	4.6627	4.0409	5.6909	5.3372	3.9083	3.8870	5.2763	5.7265
Hf-173	5.8450	5.4933	6.4199	6.4027	5.3742	5.5286	6.5437	6.6234
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	3.7475	3.4702	4.1943	4.1263	3.3851	3.4817	4.2019	4.3020
Hf-177m	18.4699	17.4585	19.9407	20.1603	17.0794	17.6577	20.7688	20.7594
Hf-178m	12.7089	12.0599	13.5844	13.8181	11.8115	12.2570	14.3409	14.2459
Hf-179m	8.0101	7.4376	8.8863	8.8377	7.2754	7.4651	9.0419	9.1872
Hf-180m	6.7686	6.4150	7.2741	7.3651	6.2735	6.5001	7.6129	7.5850
Hf-181	3.3079	3.1142	3.5852	3.6132	3.0508	3.1477	3.7329	3.7340
Hf-182	1.8318	1.7622	1.9199	1.9790	1.7245	1.7900	2.0514	2.0192
Hf-182m	6.1010	5.6781	6.7394	6.7092	5.5553	5.7184	6.8781	6.9802
Hf-183	2.9378	2.8260	3.0735	3.1446	2.7727	2.9096	3.2858	3.2490
Hf-184	4.0755	3.3584	5.2224	4.8147	3.2801	3.1923	4.7459	5.2550
Hg-190	4.8898	4.3310	5.7712	5.5503	4.2182	4.2054	5.5574	5.9451
Hg-191m	6.8483	6.2739	7.6682	7.5844	6.1286	6.2545	7.7774	7.9932
Hg-192	4.7932	4.2143	5.7015	5.4545	4.0970	4.0751	5.4630	5.8703
Hg-193	4.5896	4.0776	5.3612	5.1737	3.9709	3.9914	5.2305	5.5429
Hg-193m	4.1053	3.7605	4.5935	4.5361	3.6719	3.7526	4.6575	4.7915
Hg-194	0.5732	0.3420	0.9395	0.7681	0.3209	0.2515	0.7098	0.9054
Hg-195	3.2757	2.7601	4.0934	3.8059	2.6742	2.6093	3.7657	4.1709
Hg-195m	3.4962	2.7791	4.6192	4.1837	2.6751	2.5399	4.0876	4.6440
Hg-197	3.1196	2.6141	3.9311	3.6389	2.5335	2.4590	3.5877	4.0126
Hg-197m	2.7180	2.2539	3.4485	3.1914	2.1803	2.1093	3.1461	3.4951
Hg-199m	3.3770	2.9796	3.9862	3.8381	2.8956	2.8898	3.8356	4.1127
Hg-203	1.6526	1.5859	1.7301	1.7837	1.5476	1.6057	1.8528	1.8287
Hg-205	0.0606	0.0571	0.0656	0.0665	0.0557	0.0572	0.0682	0.0688
Hg-206	0.8082	0.7650	0.8632	0.8771	0.7459	0.7725	0.9073	0.9082
Hg-207	4.1008	3.9794	4.1384	4.3383	3.9061	4.1274	4.6157	4.4266
Ho-150	2.1404	2.0943	2.1345	2.2428	2.0550	2.2124	2.3968	2.2693
Ho-153	3.2067	3.0738	3.3762	3.4391	2.9957	3.1384	3.5603	3.5275
Ho-153m	3.8762	3.6898	4.1361	4.1891	3.5972	3.7508	4.3146	4.3091
Ho-154m	6.7693	6.6135	6.8484	7.1591	6.4633	6.8426	7.5680	7.2437
Ho-154	3.5684	3.4767	3.6215	3.7756	3.3993	3.6004	3.9825	3.8269
Ho-155	3.5525	3.3033	3.9332	3.8902	3.2089	3.3150	3.9553	4.0548
Ho-156	5.4830	5.2793	5.7074	5.8670	5.1618	5.4136	6.1123	5.9937
Ho-157	5.4242	5.0817	5.9504	5.9065	4.9325	5.1136	6.0112	6.1364
Ho-159	6.1457	5.7833	6.7201	6.6922	5.6229	5.8201	6.8115	6.9353
Ho-160	5.7174	5.4324	6.0647	6.1425	5.3039	5.5795	6.3787	6.3369
Ho-161	2.8915	2.6013	3.3432	3.2147	2.4809	2.5251	3.1880	3.3926
Ho-162	2.4465	2.2236	2.8124	2.7088	2.1522	2.2059	2.7138	2.8669

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ho-162m	4.0474	3.6725	4.6295	4.4982	3.5719	3.6574	4.5423	4.7424
Ho-163	0.0158	0.0088	0.0274	0.0219	0.0086	0.0065	0.0201	0.0262
Ho-164	1.4035	1.2697	1.6266	1.5594	1.2278	1.2556	1.5570	1.6519
Ho-164m	2.6885	2.2673	3.3857	3.1156	2.1934	2.1738	3.0575	3.3858
Ho-166	0.5233	0.4483	0.6477	0.6034	0.4377	0.4356	0.5981	0.6567
Ho-166m	5.7994	5.5655	6.0519	6.2281	5.4565	5.7480	6.5127	6.3664
Ho-167	2.2544	2.1661	2.3653	2.4237	2.1154	2.2153	2.5218	2.4742
Ho-168	2.1741	2.0633	2.2929	2.3376	2.0259	2.1437	2.4541	2.4104
Ho-168m	0.5328	0.4034	0.7464	0.6536	0.3918	0.3681	0.6276	0.7337
Ho-170	5.3520	5.1036	5.6431	5.7634	5.0026	5.2454	6.0021	5.9254
I-118m	5.7745	5.7021	5.6459	6.0132	5.5837	5.9860	6.4646	6.0398
I-118	1.9805	1.9549	1.9360	2.0615	1.9131	2.0501	2.2182	2.0716
I-119	2.4593	2.3900	2.4994	2.6154	2.2851	2.3847	2.7014	2.6428
I-120	2.5826	2.5346	2.5386	2.6942	2.4632	2.6252	2.8780	2.7191
I-120m	5.0688	4.9978	4.9648	5.2806	4.8829	5.2237	5.6702	5.3110
I-121	3.0847	2.9728	3.1813	3.2995	2.8167	2.9287	3.3699	3.3415
I-122	0.6249	0.6010	0.6382	0.6613	0.5680	0.5965	0.6822	0.6716
I-123	3.2770	3.1421	3.3973	3.5160	2.9711	3.0821	3.5421	3.5666
I-124	2.4045	2.3188	2.4388	2.5366	2.2021	2.3218	2.6348	2.5730
I-125	2.8301	2.6439	3.0176	3.0419	2.4014	2.4636	3.0043	3.1264
I-126	1.7850	1.7260	1.8126	1.8874	1.6411	1.7290	1.9607	1.9097
I-128	0.2946	0.2864	0.2978	0.3115	0.2736	0.2876	0.3249	0.3148
I-129	1.5344	1.4404	1.6403	1.6492	1.3275	1.3670	1.6463	1.7152
I-130m	0.6334	0.5803	0.6993	0.6943	0.5480	0.5621	0.7025	0.7253
I-130	4.4144	4.3743	4.3010	4.5937	4.2963	4.6208	4.9604	4.6070
I-131	1.7692	1.7501	1.8781	1.7424	1.7241	1.8189	1.9514	1.8341
I-132	3.9008	3.8646	3.7843	4.0485	3.8018	4.1074	4.3836	4.0610
I-132m	1.6275	1.5097	1.7632	1.7714	1.4352	1.4851	1.8070	1.8326
I-133	1.3973	1.3852	1.3657	1.4579	1.3585	1.4503	1.5668	1.4646
I-134m	3.0410	2.9241	3.1447	3.2438	2.7648	2.8768	3.3111	3.3072
I-134	4.0943	4.0565	3.9678	4.2529	3.9907	4.3017	4.5929	4.2714
I-135	1.7998	1.7847	1.7320	1.8637	1.7601	1.8866	2.0241	1.8732
In-103	3.2114	3.1649	3.1614	3.3692	3.0911	3.2892	3.5816	3.3807
In-105	3.1640	3.0959	3.1643	3.3362	2.9922	3.1511	3.5002	3.3523
In-106	4.9572	4.8936	4.8326	5.1574	4.7853	5.1359	5.5376	5.1777
In-106m	2.2633	2.2334	2.1967	2.3474	2.1861	2.3483	2.5373	2.3575
In-107	3.0487	2.9576	3.0695	3.2217	2.8143	2.9503	3.3425	3.2361
In-108	6.9415	6.8093	6.8305	7.2510	6.5959	7.0267	7.7013	7.2820
In-108m	2.6489	2.5838	2.6112	2.7623	2.4850	2.6432	2.9300	2.7778
In-109	3.4594	3.3321	3.5373	3.6807	3.1366	3.2611	3.7616	3.7006

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
In-109m	1.3037	1.2858	1.2753	1.3556	1.2569	1.3532	1.4597	1.3585
In-110	6.4886	6.3394	6.4103	6.7765	6.1043	6.5148	7.1699	6.8072
In-110m	1.9907	1.9372	1.9786	2.0816	1.8548	1.9740	2.1954	2.0902
In-111	4.7144	4.5586	4.8169	5.0366	4.3214	4.4791	5.1264	5.0545
In-111m	1.3211	1.2995	1.3058	1.3834	1.2594	1.3369	1.4682	1.3901
In-112	0.5525	0.5158	0.5798	0.5892	0.4609	0.4709	0.5809	0.5936
In-112m	1.3096	1.2282	1.3765	1.4038	1.1117	1.1374	1.3791	1.4158
In-113m	1.3694	1.3293	1.3820	1.4483	1.2605	1.3213	1.5038	1.4514
In-114	0.0095	0.0090	0.0099	0.0101	0.0082	0.0084	0.0101	0.0102
In-114m	1.0641	1.0013	1.1200	1.1437	0.9220	0.9478	1.1403	1.1566
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	1.3075	1.2558	1.3371	1.3877	1.1739	1.2227	1.4122	1.3940
In-116m	2.9179	2.8928	2.8111	3.0224	2.8520	3.0550	3.2814	3.0373
In-117	3.1533	3.1045	3.1443	3.3400	3.0337	3.2021	3.4885	3.3498
In-117m	0.9728	0.9378	0.9945	1.0367	0.8860	0.9223	1.0514	1.0412
In-118m	3.6453	3.6135	3.5135	3.7737	3.5624	3.8259	4.0936	3.7925
In-118	0.0893	0.0885	0.0858	0.0922	0.0874	0.0937	0.1004	0.0927
In-119	1.6508	1.5913	1.6688	1.7412	1.5373	1.6447	1.8382	1.7625
In-119m	0.2696	0.2488	0.2900	0.2919	0.2307	0.2366	0.2929	0.2990
In-121	1.4899	1.4767	1.4418	1.5477	1.4524	1.5632	1.6672	1.5550
In-121m	1.1661	1.1126	1.2186	1.2417	1.0330	1.0655	1.2393	1.2597
Ir-180	4.7295	4.3952	5.1990	5.1951	4.3055	4.4303	5.3557	5.4135
Ir-182	4.7261	4.3635	5.2577	5.2227	4.2732	4.3679	5.3584	5.4615
Ir-183	5.3654	4.8117	6.2207	6.0254	4.7073	4.7479	6.1109	6.4120
Ir-184	7.0011	6.4787	7.7427	7.7103	6.3460	6.5060	7.9384	8.0623
Ir-185	5.4212	4.6518	6.6454	6.2502	4.5423	4.4822	6.2362	6.7679
Ir-186	6.7930	6.2978	7.4992	7.4721	6.1681	6.3312	7.6888	7.8042
Ir-186m	4.0040	3.6853	4.4573	4.4141	3.6126	3.7088	4.5395	4.6326
Ir-187	3.7965	3.2797	4.6330	4.3618	3.2025	3.1642	4.3505	4.7199
Ir-188	4.9988	4.6070	5.5442	5.5036	4.5194	4.6351	5.6649	5.7785
Ir-189	2.8912	2.4174	3.6726	3.3861	2.3564	2.2835	3.3342	3.7103
Ir-190	7.1289	6.6986	7.7133	7.7777	6.5576	6.7807	8.0560	8.0587
Ir-190m	0.5472	0.3085	0.9346	0.7522	0.2991	0.2271	0.6920	0.8969
Ir-190n	2.3577	2.0203	2.9178	2.7239	1.9689	1.9283	2.6962	2.9620
Ir-191m	2.7998	2.3053	3.6017	3.3057	2.2429	2.1586	3.2499	3.6320
Ir-192	3.5577	3.4699	3.6141	3.7827	3.3944	3.5737	3.9835	3.8294
Ir-192m	0.6290	0.3675	1.0468	0.8509	0.3490	0.2704	0.7851	1.0076
Ir-192n	1.3215	0.7788	2.1884	1.7828	0.7394	0.5767	1.6466	2.1080
Ir-193m	0.5516	0.3160	0.9336	0.7542	0.3058	0.2351	0.6951	0.8971
Ir-194	0.3194	0.3130	0.3210	0.3380	0.3064	0.3239	0.3574	0.3410

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ir-194m	7.3434	7.1647	7.4141	7.7753	7.0166	7.4272	8.2564	7.8702
Ir-195	2.2601	1.9088	2.8287	2.6310	1.8537	1.8054	2.5993	2.8792
Ir-195m	2.9639	2.6798	3.3903	3.3152	2.6128	2.6470	3.3718	3.5086
Ir-196	0.6351	0.6229	0.6349	0.6698	0.6104	0.6488	0.7133	0.6759
Ir-196m	8.0953	7.8103	8.3283	8.6455	7.6421	8.0430	9.1460	8.8053
K-38	1.2711	1.2632	1.2032	1.3076	1.2507	1.3457	1.4402	1.3209
K-40	0.1478	0.1430	0.1474	0.1553	0.1414	0.1503	0.1679	0.1581
K-42	0.2425	0.2406	0.2313	0.2503	0.2379	0.2554	0.2737	0.2511
K-43	2.6970	2.6743	2.6433	2.8207	2.6222	2.8005	3.0321	2.8212
K-44	1.9945	1.9792	1.9063	2.0580	1.9555	2.1016	2.2461	2.0726
K-45	2.6902	2.6622	2.6368	2.8284	2.6233	2.7837	3.0082	2.8379
K-46	1.9647	1.9491	1.8717	2.0221	1.9293	2.0730	2.2169	2.0362
Kr-74	3.0554	2.8008	3.4211	3.3928	2.7125	2.7535	3.4521	3.5592
Kr-75	2.5957	2.4508	2.7827	2.8338	2.3836	2.4491	2.9088	2.9087
Kr-76	3.6810	3.1828	4.3666	4.1769	3.0110	2.9941	4.1818	4.4528
Kr-77	2.7764	2.6387	2.9617	3.0255	2.5725	2.6431	3.1127	3.0948
Kr-79	1.7510	1.3803	2.2755	2.0744	1.2762	1.2049	2.0266	2.2789
Kr-81	1.1432	0.7681	1.6907	1.4410	0.6744	0.5634	1.3474	1.6504
Kr-81m	1.5804	1.4618	1.7311	1.7440	1.3990	1.4253	1.7722	1.7988
Kr-83m	0.5011	0.3301	0.7559	0.6388	0.2930	0.2423	0.5958	0.7355
Kr-85	0.0058	0.0057	0.0057	0.0060	0.0056	0.0060	0.0065	0.0061
Kr-85m	1.7745	1.7176	1.8305	1.9122	1.6753	1.7414	1.9654	1.9333
Kr-87	1.1100	1.1014	1.0789	1.1576	1.0816	1.1555	1.2527	1.1605
Kr-88	2.0907	2.0329	2.0830	2.2010	1.9827	2.0994	2.3489	2.2325
Kr-89	2.3690	2.3439	2.3049	2.4693	2.3053	2.4647	2.6633	2.4821
La-128	4.6203	4.5575	4.5576	4.8437	4.4554	4.7349	5.1638	4.8806
La-129	2.4748	2.3942	2.5523	2.6421	2.3023	2.4049	2.7377	2.7051
La-130	3.4229	3.3656	3.3934	3.5916	3.2803	3.4869	3.8234	3.6277
La-131	3.3637	3.2389	3.4961	3.5989	3.1022	3.2349	3.7163	3.7002
La-132	3.2851	3.2051	3.2975	3.4592	3.1050	3.2858	3.6599	3.5225
La-132m	3.3386	3.2072	3.4780	3.5790	3.1013	3.2362	3.7108	3.6725
La-133	1.8133	1.6356	2.0633	2.0095	1.5336	1.5564	2.0086	2.1412
La-134	0.6714	0.6318	0.7187	0.7228	0.5930	0.6140	0.7338	0.7565
La-135	1.5734	1.4685	1.7092	1.7037	1.3676	1.4066	1.7121	1.7939
La-136	1.0463	0.9781	1.1330	1.1315	0.9122	0.9400	1.1393	1.1900
La-137	1.4987	1.3953	1.6342	1.6254	1.2983	1.3336	1.6309	1.7138
La-138	2.1095	2.0353	2.1419	2.2268	1.9680	2.0845	2.3497	2.2839
La-140	2.8919	2.8655	2.7992	3.0061	2.8199	3.0216	3.2522	3.0195
La-141	0.0252	0.0250	0.0241	0.0260	0.0247	0.0265	0.0284	0.0261
La-142	2.0071	1.9908	1.9241	2.0730	1.9652	2.1165	2.2636	2.0870

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
La-143	0.2883	0.2859	0.2774	0.2983	0.2819	0.3033	0.3246	0.2998
Lu-165	5.2132	4.8727	5.7488	5.7049	4.7599	4.9187	5.8350	5.9217
Lu-167	5.5090	5.1170	6.0726	6.0284	4.9809	5.1500	6.1803	6.2742
Lu-169m	0.3978	0.2207	0.6872	0.5507	0.2161	0.1626	0.5060	0.6586
Lu-169	5.2163	4.8452	5.7800	5.7150	4.7379	4.9020	5.8513	5.9515
Lu-170	4.7420	4.4221	5.1735	5.1579	4.3363	4.5097	5.3417	5.3725
Lu-171m	0.4286	0.2423	0.7331	0.5899	0.2372	0.1814	0.5432	0.7036
Lu-171	5.3140	4.6961	6.2996	5.9929	4.5516	4.6114	6.0069	6.3740
Lu-172	6.5869	6.1286	7.2360	7.2011	6.0023	6.2309	7.4170	7.4991
Lu-172m	0.3577	0.1984	0.6179	0.4951	0.1943	0.1462	0.4549	0.5922
Lu-173	4.7887	4.3713	5.5092	5.3215	4.2590	4.3527	5.3506	5.6002
Lu-174	2.5047	2.2056	3.0158	2.8405	2.1484	2.1651	2.8264	3.0354
Lu-174m	2.9991	2.4686	3.8861	3.5340	2.4035	2.3411	3.4568	3.8738
Lu-176	4.2968	4.0165	4.7130	4.7313	3.9303	4.0454	4.8552	4.9012
Lu-176m	0.6322	0.5177	0.8221	0.7500	0.5067	0.4902	0.7357	0.8279
Lu-177	0.5200	0.4820	0.5811	0.5775	0.4720	0.4818	0.5887	0.6010
Lu-177m	10.0312	9.4560	10.9106	10.9831	9.2515	9.5371	11.2750	11.3315
Lu-178	0.5221	0.4564	0.6248	0.5955	0.4478	0.4490	0.6005	0.6396
Lu-178m	7.9403	7.5577	8.4844	8.6303	7.4010	7.6729	8.9326	8.9034
Lu-179	0.2511	0.2447	0.2590	0.2704	0.2396	0.2498	0.2814	0.2732
Lu-180	3.6177	3.4436	3.8064	3.8984	3.3816	3.5328	4.0902	4.0088
Lu-181	3.3325	2.9896	3.8548	3.7408	2.9249	2.9801	3.8029	3.9523
Mg-27	1.3459	1.3346	1.2987	1.3952	1.3144	1.4223	1.5085	1.4015
Mg-28	3.0278	2.9792	2.9821	3.1572	2.8562	3.0306	3.3299	3.1934
Mn-50m	4.4367	4.3976	4.2703	4.5903	4.3382	4.6774	4.9884	4.6117
Mn-51	0.0163	0.0120	0.0229	0.0201	0.0118	0.0111	0.0197	0.0227
Mn-52	4.1926	4.0581	4.2080	4.4178	4.0010	4.2768	4.7466	4.4965
Mn-52m	1.3223	1.3092	1.2677	1.3662	1.2943	1.3878	1.4927	1.3736
Mn-53	0.3211	0.1779	0.5551	0.4447	0.1743	0.1311	0.4086	0.5320
Mn-54	1.6300	1.4750	1.8201	1.8016	1.4517	1.5196	1.8781	1.8941
Mn-56	1.8601	1.8453	1.7865	1.9242	1.8199	1.9707	2.0929	1.9337
Mn-57	1.0817	0.8472	1.4434	1.3007	0.8068	0.7619	1.2689	1.4358
Mn-58m	2.9662	2.9413	2.8574	3.0708	2.8998	3.1288	3.3375	3.0840
Mo-101	2.5764	2.4914	2.6149	2.7330	2.4387	2.5778	2.9008	2.7808
Mo-102	0.1828	0.1797	0.1850	0.1954	0.1752	0.1829	0.2028	0.1959
Mo-89	0.3176	0.3095	0.3146	0.3312	0.2993	0.3192	0.3540	0.3342
Mo-90	4.8262	4.5609	5.1263	5.1886	4.2504	4.3471	5.2767	5.2706
Mo-91m	1.3237	1.2993	1.2972	1.3761	1.2670	1.3560	1.4826	1.3840
Mo-91	0.0900	0.0790	0.1032	0.0981	0.0668	0.0653	0.0951	0.1014
Mo-93	1.1986	1.0305	1.4123	1.3188	0.8450	0.8084	1.2537	1.3677

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Mo-93m	3.9333	3.8473	3.8961	4.1170	3.7275	3.9576	4.3866	4.1407
Mo-99	0.5208	0.5079	0.5242	0.5501	0.4896	0.5174	0.5754	0.5532
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	0.8756	0.8682	0.8195	0.8928	0.8665	0.9411	0.9903	0.9098
Na-22	1.3247	1.3131	1.2692	1.3655	1.2984	1.3921	1.4923	1.3734
Na-24	2.5656	2.5465	2.4346	2.6371	2.5220	2.7128	2.8999	2.6610
Nb-87	3.0876	2.9246	3.2886	3.3401	2.7518	2.8206	3.3995	3.3893
Nb-88m	4.9693	4.9156	4.8344	5.1722	4.8234	5.1592	5.5747	5.1965
Nb-88	6.7412	6.5593	6.7605	7.0821	6.3383	6.6986	7.4960	7.1787
Nb-89	0.7219	0.6709	0.7654	0.7692	0.6201	0.6400	0.7930	0.7889
Nb-89m	1.4329	1.3841	1.4591	1.5138	1.3232	1.3894	1.5903	1.5334
Nb-90	5.0682	4.8771	5.1582	5.3564	4.6775	4.8993	5.6230	5.4380
Nb-91	1.2175	1.0227	1.4745	1.3562	0.8355	0.7895	1.2858	1.4233
Nb-91m	1.0563	0.9109	1.2411	1.1622	0.7537	0.7241	1.1095	1.2058
Nb-92	3.8517	3.6407	4.0206	4.0910	3.4154	3.5645	4.2417	4.1684
Nb-92m	2.6051	2.3982	2.8128	2.7947	2.1894	2.2488	2.8388	2.8698
Nb-93m	0.2361	0.1963	0.2905	0.2662	0.1629	0.1534	0.2520	0.2809
Nb-94m	0.8271	0.7095	0.9776	0.9120	0.5838	0.5585	0.8676	0.9474
Nb-94	2.5983	2.5748	2.5147	2.6939	2.5343	2.7469	2.9177	2.7026
Nb-95	1.2905	1.2786	1.2494	1.3377	1.2585	1.3702	1.4506	1.3413
Nb-95m	1.2388	1.1216	1.3822	1.3478	0.9884	0.9836	1.3273	1.3812
Nb-96	4.2240	4.1865	4.0985	4.3891	4.1172	4.4347	4.7424	4.4050
Nb-97	1.3062	1.2935	1.2700	1.3553	1.2721	1.3745	1.4695	1.3577
Nb-98m	4.1182	4.0789	3.9858	4.2715	4.0139	4.3404	4.6274	4.2864
Nb-99	3.4342	3.2984	3.5965	3.6937	3.1375	3.2256	3.7686	3.7451
Nb-99m	1.0357	1.0130	1.0297	1.0872	0.9822	1.0389	1.1549	1.0983
Nd-134	3.6887	3.5548	3.8351	3.9549	3.4334	3.5778	4.0530	4.0588
Nd-135	4.0759	3.9001	4.2798	4.3789	3.7671	3.9243	4.5131	4.5121
Nd-136	3.7507	3.5390	4.0280	4.0507	3.3876	3.5029	4.1151	4.2341
Nd-137	3.7499	3.5976	3.8999	3.9919	3.4635	3.6279	4.1265	4.1383
Nd-138	1.6851	1.5745	1.8299	1.8200	1.4875	1.5337	1.8304	1.9194
Nd-139	1.5357	1.4502	1.6372	1.6482	1.3801	1.4331	1.6782	1.7240
Nd-139m	5.3515	5.1690	5.4940	5.6782	5.0045	5.2750	5.9225	5.8328
Nd-140	1.5665	1.4581	1.7102	1.6946	1.3750	1.4153	1.6998	1.7922
Nd-141	1.5867	1.4801	1.7263	1.7141	1.3968	1.4395	1.7220	1.8105
Nd-141m	1.3153	1.2950	1.2908	1.3697	1.2702	1.3752	1.4736	1.3814
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	1.8225	1.7422	1.9272	1.9562	1.6837	1.7499	2.0029	2.0405
Nd-149	2.7995	2.7207	2.8808	2.9919	2.6496	2.7698	3.1081	3.0497
Nd-151	3.1236	3.0597	3.1575	3.3117	2.9945	3.1510	3.4787	3.3607

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Nd-152	1.1946	1.1266	1.2802	1.2979	1.0852	1.1195	1.3336	1.3336
Ne-19	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Ne-24	1.4474	1.4365	1.4176	1.5145	1.4074	1.4975	1.6249	1.5194
Ni-56	5.4114	5.1066	5.7534	5.8864	5.0196	5.2523	6.1178	6.0509
Ni-57	1.9633	1.8070	2.1410	2.1487	1.7837	1.8481	2.2576	2.2439
Ni-59	0.5568	0.3084	0.9625	0.7711	0.3022	0.2272	0.7084	0.9224
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.6074	0.6025	0.5831	0.6285	0.5945	0.6373	0.6836	0.6311
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	6.1332	5.6001	6.8075	6.7488	5.3086	5.4155	6.8648	7.0276
Np-233	2.5791	2.2996	2.9808	2.8946	2.1628	2.1544	2.8900	3.0533
Np-234	3.8020	3.4035	4.3191	4.2231	3.2072	3.2311	4.2689	4.4373
Np-235	0.9622	0.7102	1.3286	1.1635	0.6140	0.5441	1.0933	1.2924
Np-236	5.5992	4.7642	6.7767	6.3920	4.3521	4.2273	6.2476	6.8126
Np-236m	1.4653	1.2879	1.7192	1.6534	1.2010	1.1875	1.6409	1.7509
Np-237	2.1171	1.7416	2.6478	2.4433	1.5591	1.4863	2.3602	2.6445
Np-238	1.6536	1.4653	1.8774	1.8277	1.3587	1.3701	1.8403	1.9175
Np-239	3.7489	3.3321	4.3453	4.2139	3.1322	3.1184	4.2047	4.4309
Np-240	5.1265	4.5904	5.8011	5.6739	4.2804	4.3174	5.7110	5.9274
Np-240m	1.3944	1.2257	1.6061	1.5506	1.1298	1.1320	1.5542	1.6288
Np-241	0.9709	0.8658	1.1196	1.0880	0.8101	0.8067	1.0841	1.1417
Np-242	0.4369	0.4067	0.4636	0.4695	0.3882	0.4051	0.4894	0.4837
Np-242m	4.4377	3.9145	5.0999	4.9395	3.6172	3.6305	4.9336	5.1814
O-14	1.2585	1.2509	1.1891	1.2929	1.2391	1.3339	1.4264	1.3079
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	2.4780	2.4517	2.4603	2.6233	2.4094	2.5426	2.7771	2.6272
Os-180	3.2249	2.7098	4.0598	3.7552	2.6184	2.5483	3.6949	4.0904
Os-181	6.2678	5.7349	7.0726	6.9549	5.6182	5.7321	7.1041	7.3213
Os-182	4.3924	3.9081	5.1630	4.9701	3.8207	3.8369	5.0048	5.2903
Os-183	6.3291	5.7612	7.2388	7.0619	5.6345	5.7084	7.1682	7.4555
Os-183m	3.4765	3.1565	3.9519	3.8614	3.0941	3.1505	3.9431	4.0871
Os-185	3.3783	3.0719	3.8398	3.7495	3.0088	3.0771	3.8350	3.9593
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	0.5236	0.2937	0.8974	0.7213	0.2856	0.2163	0.6633	0.8608
Os-190m	6.4537	6.0395	6.9785	7.0539	5.9135	6.1343	7.3336	7.2921
Os-191	2.9769	2.4833	3.7788	3.4916	2.4177	2.3409	3.4437	3.8208
Os-191m	0.7387	0.4921	1.1408	0.9590	0.4784	0.4106	0.9030	1.1124
Os-193	0.8438	0.7336	1.0180	0.9667	0.7155	0.7096	0.9679	1.0418
Os-194	0.5734	0.3742	0.8920	0.7459	0.3576	0.3037	0.6983	0.8674
Os-196	0.8065	0.7430	0.9052	0.8937	0.7264	0.7384	0.9123	0.9389

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
P-30	0.0010	0.0010	0.0010	0.0010	0.0009	0.0010	0.0011	0.0010
P-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pa-227	1.1013	0.9176	1.3721	1.2719	0.8449	0.8122	1.2409	1.3776
Pa-228	6.6150	5.8924	7.5748	7.3728	5.5594	5.5983	7.4407	7.7777
Pa-229	2.3390	2.0317	2.7869	2.6570	1.9016	1.8711	2.6318	2.8435
Pa-230	3.9147	3.4732	4.5107	4.3743	3.2684	3.2788	4.3983	4.6278
Pa-231	1.8757	1.4377	2.5131	2.2405	1.2788	1.1735	2.1338	2.4719
Pa-232	3.1736	2.8704	3.5345	3.4884	2.7036	2.7575	3.5493	3.6364
Pa-233	3.0184	2.6534	3.5245	3.3950	2.4762	2.4612	3.3833	3.5869
Pa-234	6.4161	5.8054	7.1854	7.0794	5.4783	5.5653	7.1808	7.3884
Pa-234m	0.0510	0.0462	0.0567	0.0561	0.0438	0.0446	0.0571	0.0586
Pa-235	0.1884	0.1047	0.3249	0.2605	0.1024	0.0772	0.2394	0.3114
Pa-236	2.1953	1.9890	2.4331	2.4044	1.8782	1.9232	2.4642	2.5064
Pa-237	1.2897	1.2181	1.3566	1.3878	1.1928	1.2591	1.4633	1.4293
Pb-194	5.1625	4.7228	5.7893	5.7135	4.5989	4.6873	5.8423	6.0537
Pb-195m	6.8324	6.2138	7.6719	7.5673	6.0289	6.1634	7.7701	7.9847
Pb-196	4.8275	4.3825	5.4923	5.3811	4.2589	4.3063	5.4617	5.7277
Pb-197	4.6220	4.2852	5.0625	5.0587	4.1804	4.3046	5.2305	5.3196
Pb-197m	6.1247	5.5743	6.8924	6.7936	5.4102	5.5151	6.9551	7.1795
Pb-198	4.6585	4.2194	5.3128	5.1998	4.0985	4.1440	5.2712	5.5314
Pb-199	4.0625	3.7286	4.5262	4.4802	3.6319	3.7133	4.5982	4.7392
Pb-200	4.5143	3.9930	5.3171	5.1138	3.8690	3.8562	5.1213	5.5000
Pb-201	4.6090	4.2360	5.1366	5.0858	4.1223	4.2145	5.2062	5.3706
Pb-201m	1.6686	1.5261	1.8603	1.8374	1.4832	1.5228	1.8908	1.9436
Pb-202	0.5448	0.3186	0.9061	0.7367	0.3023	0.2342	0.6797	0.8721
Pb-202m	4.6797	4.4979	4.8020	4.9833	4.3952	4.6439	5.2774	5.0954
Pb-203	3.9779	3.6064	4.5361	4.4400	3.5027	3.5362	4.4988	4.7261
Pb-204m	4.1414	4.0637	4.1023	4.3469	3.9866	4.2584	4.6501	4.3932
Pb-205	0.5514	0.3225	0.9171	0.7457	0.3060	0.2371	0.6880	0.8827
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	0.7089	0.4882	1.0442	0.8917	0.4432	0.3829	0.8378	1.0183
Pb-211	0.1784	0.1722	0.1825	0.1898	0.1683	0.1779	0.2011	0.1938
Pb-212	1.8678	1.7218	2.0782	2.0660	1.6688	1.6947	2.1040	2.1805
Pb-214	1.8551	1.7173	2.0402	2.0389	1.6635	1.7047	2.0923	2.1340
Pd-100	4.8083	4.5608	5.0420	5.1282	4.1891	4.2627	5.1288	5.2629
Pd-101	3.1500	2.9324	3.3079	3.3551	2.5886	2.6138	3.3146	3.3735
Pd-103	1.3078	1.1913	1.4037	1.4009	1.0111	0.9982	1.3495	1.4108
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.4993	1.4453	1.5405	1.6048	1.3622	1.4074	1.6306	1.6086

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Pd-109	0.7403	0.6771	0.8014	0.8001	0.5975	0.5991	0.7778	0.8147
Pd-111	0.1112	0.1093	0.1102	0.1164	0.1060	0.1124	0.1234	0.1174
Pd-112	0.5297	0.4606	0.6107	0.5822	0.3854	0.3712	0.5556	0.6008
Pd-114	0.2400	0.2361	0.2426	0.2557	0.2298	0.2396	0.2668	0.2564
Pd-96	3.9641	3.8410	4.0113	4.1868	3.6517	3.8181	4.3513	4.2086
Pd-97	3.1067	3.0415	3.0725	3.2574	2.9299	3.0924	3.4420	3.2713
Pd-98	3.8265	3.6540	3.9687	4.0831	3.3934	3.4814	4.1353	4.1209
Pd-99	3.3285	3.2253	3.3803	3.5307	3.0684	3.1897	3.6472	3.5466
Pm-136	4.2736	4.2232	4.1977	4.4675	4.1380	4.4310	4.7893	4.4887
Pm-137m	5.7951	5.6324	5.9341	6.1719	5.4764	5.7424	6.4253	6.2992
Pm-139	1.0831	1.0388	1.1267	1.1540	1.0009	1.0484	1.1954	1.1917
Pm-140m	4.7642	4.6866	4.7005	4.9830	4.5861	4.9032	5.3265	5.0360
Pm-140	0.3987	0.3841	0.4092	0.4222	0.3718	0.3925	0.4406	0.4345
Pm-141	1.0528	0.9940	1.1207	1.1283	0.9506	0.9888	1.1515	1.1805
Pm-142	0.4350	0.4082	0.4679	0.4678	0.3889	0.4030	0.4744	0.4917
Pm-143	2.0948	1.9777	2.2315	2.2448	1.8912	1.9751	2.2929	2.3470
Pm-144	4.8351	4.6916	4.9057	5.0960	4.5565	4.8402	5.3727	5.2062
Pm-145	1.6512	1.5285	1.8208	1.7937	1.4495	1.4891	1.7971	1.9023
Pm-146	2.7190	2.6299	2.7810	2.8779	2.5469	2.6928	3.0151	2.9493
Pm-147	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Pm-148	0.7774	0.7708	0.7512	0.8064	0.7590	0.8145	0.8739	0.8100
Pm-148m	4.5606	4.5047	4.4797	4.7622	4.4199	4.7313	5.1147	4.7905
Pm-149	0.0621	0.0598	0.0643	0.0667	0.0583	0.0609	0.0695	0.0679
Pm-150	2.5307	2.5062	2.4673	2.6384	2.4623	2.6326	2.8362	2.6481
Pm-151	2.2201	2.1472	2.2955	2.3731	2.0895	2.1874	2.4594	2.4257
Pm-152m	4.7792	4.6689	4.8362	5.0682	4.5682	4.8039	5.3322	5.1426
Pm-152	0.9166	0.8882	0.9411	0.9753	0.8684	0.9124	1.0215	0.9967
Pm-153	1.5691	1.4834	1.6905	1.7052	1.4346	1.4775	1.7397	1.7716
Pm-154	2.6016	2.5153	2.6412	2.7497	2.4663	2.6096	2.9111	2.8280
Pm-154m	4.5656	4.4303	4.6578	4.8505	4.3354	4.5636	5.0927	4.9582
Po-203	5.2066	4.7873	5.7453	5.7179	4.6440	4.7658	5.8777	6.0374
Po-204	7.9187	7.0050	9.2456	8.9217	6.7622	6.7858	9.0009	9.5841
Po-205	4.9596	4.5743	5.4491	5.4330	4.4452	4.5775	5.5977	5.7367
Po-206	6.1599	5.4862	7.0953	6.8952	5.2845	5.3352	6.9928	7.3656
Po-207	4.5154	4.1704	4.9563	4.9446	4.0519	4.1692	5.0926	5.2202
Po-208	0.0001	0.0001	0.0002	0.0002	0.0001	0.0001	0.0002	0.0002
Po-209	0.0601	0.0458	0.0829	0.0737	0.0446	0.0418	0.0716	0.0829
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-211	0.0154	0.0152	0.0150	0.0160	0.0149	0.0160	0.0172	0.0161
Po-212m	0.0600	0.0594	0.0577	0.0620	0.0586	0.0629	0.0677	0.0627

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Po-212	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-214	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	0.0001
Po-215	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0007	0.0006
Po-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-134	6.1040	6.0164	6.0373	6.4042	5.8813	6.2612	6.8305	6.4495
Pr-134m	2.7880	2.7469	2.7515	2.9220	2.6838	2.8531	3.1264	2.9481
Pr-135	2.7942	2.6788	2.9211	2.9872	2.5683	2.6772	3.0705	3.0968
Pr-136	3.2070	3.1400	3.1963	3.3644	3.0575	3.2464	3.5753	3.4188
Pr-137	1.3463	1.2650	1.4464	1.4494	1.1944	1.2358	1.4663	1.5221
Pr-138	0.4517	0.4246	0.4843	0.4857	0.4012	0.4160	0.4923	0.5098
Pr-138m	5.5742	5.4419	5.5859	5.8638	5.2911	5.6256	6.1914	5.9645
Pr-139	1.4692	1.3718	1.5953	1.5872	1.2887	1.3275	1.5949	1.6751
Pr-140	0.7837	0.7318	0.8510	0.8467	0.6874	0.7081	0.8507	0.8936
Pr-142	0.0484	0.0480	0.0461	0.0500	0.0475	0.0510	0.0547	0.0502
Pr-142m	0.0253	0.0140	0.0437	0.0350	0.0137	0.0103	0.0322	0.0419
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0302	0.0300	0.0291	0.0312	0.0295	0.0319	0.0341	0.0314
Pr-144m	0.7146	0.6288	0.8417	0.8024	0.5951	0.5981	0.7937	0.8670
Pr-145	0.0516	0.0501	0.0525	0.0545	0.0487	0.0516	0.0572	0.0559
Pr-146	1.4564	1.4443	1.4127	1.5151	1.4201	1.5201	1.6390	1.5210
Pr-147	3.5149	3.3510	3.7118	3.7631	3.2273	3.3638	3.8615	3.9177
Pr-148	1.9298	1.9100	1.8901	2.0179	1.8743	1.9978	2.1584	2.0262
Pr-148m	2.8864	2.8561	2.8460	3.0296	2.7963	2.9738	3.2270	3.0387
Pt-184	9.2175	8.1721	10.8773	10.4508	7.9799	7.9793	10.5002	11.1824
Pt-186	4.4894	4.0368	5.1847	5.0274	3.9455	3.9939	5.1051	5.3489
Pt-187	5.7658	5.1233	6.7871	6.5227	5.0027	5.0068	6.5667	6.9807
Pt-188	4.1382	3.6182	4.9797	4.7334	3.5287	3.4973	4.7272	5.0944
Pt-189	5.4335	4.7751	6.4858	6.1822	4.6605	4.6408	6.2014	6.6528
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	4.9939	4.3867	5.9786	5.6874	4.2797	4.2494	5.6923	6.1294
Pt-193	0.5735	0.3312	0.9627	0.7800	0.3166	0.2436	0.7189	0.9257
Pt-193m	0.9954	0.6977	1.4760	1.2635	0.6740	0.5958	1.1998	1.4517
Pt-195m	3.6165	2.8923	4.7858	4.3276	2.8025	2.6604	4.2198	4.8137
Pt-197	0.9903	0.7842	1.3162	1.1882	0.7561	0.7158	1.1574	1.3303
Pt-197m	2.3592	1.8709	3.1382	2.8289	1.8067	1.7103	2.7566	3.1493
Pt-199	0.8299	0.7802	0.8915	0.9035	0.7624	0.7907	0.9386	0.9360
Pt-200	1.6833	1.4134	2.1122	1.9632	1.3701	1.3340	1.9393	2.1529
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Pu-232	1.9186	1.7137	2.2126	2.1513	1.6092	1.6031	2.1471	2.2627
Pu-234	2.1963	1.9439	2.5587	2.4724	1.8182	1.8031	2.4590	2.6083
Pu-235	2.9655	2.6004	3.4895	3.3493	2.4203	2.3904	3.3186	3.5433
Pu-236	0.3004	0.2291	0.4014	0.3564	0.1955	0.1762	0.3357	0.3909
Pu-237	2.1150	1.8064	2.5602	2.4158	1.6629	1.6186	2.3704	2.5779
Pu-238	0.2772	0.2112	0.3707	0.3290	0.1802	0.1622	0.3099	0.3611
Pu-239	0.1546	0.1102	0.2210	0.1907	0.0968	0.0842	0.1785	0.2143
Pu-240	0.2608	0.1987	0.3487	0.3095	0.1696	0.1527	0.2915	0.3396
Pu-241	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Pu-242	0.2236	0.1704	0.2990	0.2654	0.1454	0.1310	0.2500	0.2912
Pu-243	0.8469	0.7639	0.9663	0.9403	0.7197	0.7210	0.9391	1.0020
Pu-244	0.2153	0.1708	0.2771	0.2512	0.1496	0.1395	0.2407	0.2728
Pu-245	1.9486	1.8437	2.0644	2.1048	1.7695	1.8338	2.1749	2.1549
Pu-246	3.2082	2.9209	3.6050	3.5451	2.7434	2.7678	3.5494	3.6929
Ra-219	1.3051	1.2249	1.4078	1.4217	1.1851	1.2223	1.4625	1.4782
Ra-220	0.0144	0.0142	0.0143	0.0151	0.0138	0.0146	0.0162	0.0153
Ra-221	1.1481	0.9542	1.4333	1.3347	0.8936	0.8629	1.3070	1.4483
Ra-222	0.0472	0.0460	0.0479	0.0502	0.0448	0.0471	0.0527	0.0508
Ra-223	2.3878	2.1319	2.7661	2.6854	2.0497	2.0544	2.6998	2.8699
Ra-224	0.0844	0.0808	0.0888	0.0915	0.0784	0.0808	0.0947	0.0936
Ra-225	0.9261	0.8118	1.0812	1.0291	0.7476	0.7451	1.0106	1.1045
Ra-226	1.4372	1.4094	1.5169	1.3750	1.4133	1.5013	1.6212	1.4712
Ra-227	2.3110	1.9255	2.8564	2.6625	1.7647	1.7082	2.6035	2.8678
Ra-228	1.5116	1.6062	1.5857	1.4554	1.4847	1.5700	1.6882	1.5634
Ra-230	1.2049	1.0757	1.3956	1.3525	1.0266	1.0269	1.3575	1.4370
Rb-77	2.7430	2.6410	2.8597	2.9364	2.5665	2.6636	3.0427	3.0187
Rb-78m	3.4640	3.4203	3.3881	3.6149	3.3592	3.5892	3.8975	3.6383
Rb-78	2.6231	2.5662	2.5799	2.7405	2.5168	2.6829	2.9594	2.7774
Rb-79	3.0737	2.8663	3.3071	3.3508	2.7546	2.8365	3.4444	3.4508
Rb-80	0.3976	0.3885	0.3951	0.4163	0.3801	0.4070	0.4477	0.4200
Rb-81	1.4539	1.2027	1.7784	1.6670	1.0967	1.0615	1.6502	1.7985
Rb-81m	1.0507	0.8220	1.3492	1.2239	0.7039	0.6455	1.1708	1.3412
Rb-82	0.2644	0.2470	0.2787	0.2837	0.2379	0.2515	0.2983	0.2925
Rb-82m	5.3136	5.0089	5.5413	5.6807	4.8388	5.0941	5.9877	5.8375
Rb-83	2.4181	2.0572	2.8754	2.7376	1.9051	1.8799	2.7425	2.9295
Rb-84	1.7545	1.5132	2.0400	1.9645	1.4099	1.4171	1.9850	2.0918
Rb-84m	2.3293	2.2134	2.4451	2.5160	2.1225	2.1896	2.6051	2.5674
Rb-86m	1.3137	1.2975	1.2908	1.3724	1.2709	1.3567	1.4745	1.3799
Rb-86	0.1187	0.1177	0.1141	0.1228	0.1160	0.1245	0.1329	0.1236
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Rb-88	0.5260	0.5222	0.5021	0.5430	0.5158	0.5558	0.5931	0.5464
Rb-89	2.2663	2.2482	2.1730	2.3419	2.2192	2.3830	2.5470	2.3576
Rb-90	1.1949	1.1855	1.1403	1.2313	1.1722	1.2689	1.3454	1.2413
Rb-90m	2.7570	2.7283	2.6501	2.8504	2.6909	2.9075	3.1037	2.8712
Re-178	4.4844	4.0821	5.0924	4.9947	4.0012	4.0746	5.0979	5.2643
Re-179	5.4012	4.9796	6.0330	5.9660	4.8726	4.9905	6.1134	6.2455
Re-180	4.7382	4.2754	5.4426	5.2936	4.1897	4.2702	5.3879	5.6070
Re-181	5.6101	5.0784	6.4423	6.2662	4.9662	5.0452	6.3671	6.6205
Re-182	10.9430	10.0278	12.3582	12.1578	9.8221	10.0010	12.3777	12.7773
Re-182m	5.8535	5.3236	6.6832	6.5152	5.2167	5.2972	6.6218	6.9001
Re-183	4.8776	4.2017	5.9999	5.6253	4.1036	4.0564	5.5746	6.0739
Re-184	4.2688	3.8675	4.8837	4.7571	3.7886	3.8688	4.8451	5.0295
Re-184m	4.2079	3.6573	5.0968	4.8290	3.5783	3.5581	4.8288	5.1914
Re-186	0.5249	0.4652	0.6226	0.5968	0.4551	0.4541	0.5980	0.6360
Re-186m	1.9488	1.3116	2.9869	2.5176	1.2733	1.1043	2.3726	2.9117
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	0.5387	0.4973	0.5992	0.5981	0.4876	0.4981	0.6068	0.6231
Re-188m	3.1105	2.5713	4.0065	3.6707	2.5127	2.4264	3.6052	4.0328
Re-189	0.6166	0.5522	0.7160	0.6974	0.5395	0.5428	0.7047	0.7373
Re-190	4.5585	4.4406	4.6332	4.8528	4.3540	4.5926	5.1259	4.9119
Re-190m	4.3804	4.0933	4.7765	4.7977	4.0097	4.1413	4.9633	4.9784
Rh-100m	2.0111	1.8501	2.1523	2.1548	1.6128	1.6104	2.1020	2.1881
Rh-100	4.3726	4.2220	4.3839	4.5849	3.9963	4.1984	4.8078	4.6206
Rh-101	4.3124	4.1295	4.4859	4.6183	3.8676	3.9687	4.6976	4.6471
Rh-101m	2.6049	2.4626	2.7151	2.7749	2.2494	2.3044	2.7981	2.7942
Rh-102	1.6474	1.5587	1.7079	1.7480	1.4259	1.4660	1.7776	1.7629
Rh-102m	5.4926	5.3254	5.5045	5.7631	5.0669	5.3470	6.0541	5.7959
Rh-103m	0.1779	0.1486	0.2156	0.2024	0.1290	0.1226	0.1927	0.2137
Rh-104	0.0340	0.0332	0.0339	0.0356	0.0318	0.0336	0.0376	0.0358
Rh-104m	2.3626	2.2276	2.5093	2.5172	2.0249	2.0719	2.4948	2.5450
Rh-105	0.3727	0.3688	0.3689	0.3923	0.3599	0.3814	0.4143	0.3923
Rh-106	0.4540	0.4501	0.4432	0.4732	0.4416	0.4720	0.5093	0.4751
Rh-106m	5.0230	4.9800	4.8819	5.2278	4.8935	5.2466	5.6406	5.2458
Rh-107	1.4453	1.4307	1.4306	1.5225	1.3969	1.4782	1.6103	1.5229
Rh-108	0.8745	0.8672	0.8570	0.9149	0.8492	0.9048	0.9833	0.9160
Rh-109	1.7416	1.7109	1.7443	1.8428	1.6544	1.7384	1.9269	1.8473
Rh-94	3.2050	3.1757	3.0908	3.3211	3.1286	3.3588	3.6028	3.3357
Rh-95	2.4022	2.3483	2.3590	2.5017	2.2676	2.4129	2.6657	2.5183
Rh-95m	1.4104	1.3864	1.3889	1.4729	1.3437	1.4291	1.5705	1.4805
Rh-96	5.3466	5.2616	5.2250	5.5577	5.1288	5.5169	5.9771	5.5788

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Rh-96m	1.6298	1.5650	1.6397	1.7107	1.4701	1.5459	1.7804	1.7230
Rh-97	2.2228	2.1546	2.2342	2.3395	2.0450	2.1482	2.4521	2.3502
Rh-97m	3.7514	3.6185	3.7900	3.9596	3.4228	3.5758	4.1163	3.9861
Rh-98	1.5960	1.5692	1.5642	1.6599	1.5276	1.6394	1.7846	1.6654
Rh-99	3.8849	3.6769	4.0562	4.1400	3.3760	3.4598	4.1875	4.1976
Rh-99m	2.8362	2.6965	2.9281	3.0082	2.4871	2.5680	3.0685	3.0292
Rn-207	3.8250	3.5741	4.1354	4.1641	3.4652	3.5843	4.3074	4.3518
Rn-209	4.2933	4.0018	4.6544	4.6796	3.8795	4.0066	4.8414	4.9003
Rn-210	0.3301	0.2986	0.3731	0.3664	0.2875	0.2922	0.3733	0.3886
Rn-211	5.1155	4.7794	5.4930	5.5481	4.6404	4.8175	5.7701	5.7869
Rn-212	0.0007	0.0006	0.0006	0.0007	0.0006	0.0007	0.0007	0.0007
Rn-215	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0017	0.0017	0.0016	0.0018	0.0016	0.0017	0.0019	0.0018
Rn-219	0.3279	0.3164	0.3391	0.3520	0.3082	0.3211	0.3683	0.3591
Rn-220	1.6157	1.5903	1.7033	1.5813	1.5792	1.6744	1.7985	1.6864
Rn-222	0.0011	0.0010	0.0010	0.0011	0.0010	0.0011	0.0012	0.0011
Rn-223	2.3249	1.9938	2.7994	2.6543	1.8911	1.8722	2.6504	2.8525
Ru-103	1.3357	1.3237	1.3107	1.3972	1.2946	1.3756	1.4950	1.4039
Ru-105	2.0487	2.0103	2.0300	2.1477	1.9458	2.0689	2.2771	2.1543
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	0.8252	0.8155	0.8132	0.8667	0.7980	0.8481	0.9229	0.8690
Ru-108	0.8949	0.8680	0.9174	0.9602	0.8354	0.8667	0.9789	0.9673
Ru-92	8.4996	8.1547	8.8051	9.0632	7.6734	7.9283	9.2752	9.1439
Ru-94	2.7195	2.5616	2.8490	2.8964	2.3428	2.4084	2.9426	2.9262
Ru-95	3.3364	3.1908	3.4193	3.5279	2.9864	3.1109	3.6449	3.5579
Ru-97	2.9663	2.7987	3.1320	3.1861	2.5699	2.6209	3.2105	3.2168
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	1.1655	1.1571	1.0943	1.1921	1.1495	1.2422	1.3196	1.2074
S-38	1.1141	1.1072	1.0568	1.1479	1.0955	1.1780	1.2615	1.1566
Sb-111	2.7485	2.6919	2.7583	2.9157	2.6111	2.7455	3.0261	2.9291
Sb-113	2.0319	1.9826	2.0346	2.1401	1.9003	2.0018	2.2347	2.1558
Sb-114	2.3519	2.3143	2.2873	2.4414	2.2596	2.4135	2.6231	2.4559
Sb-115	2.2969	2.2222	2.3233	2.4263	2.1031	2.2041	2.5036	2.4456
Sb-116	2.3631	2.3038	2.3290	2.4645	2.2190	2.3551	2.6076	2.4838
Sb-116m	7.0338	6.8588	7.0258	7.4007	6.6021	6.9667	7.7530	7.4568
Sb-117	3.1819	3.0514	3.2812	3.4087	2.8726	2.9781	3.4166	3.4310
Sb-118	0.4243	0.3985	0.4436	0.4526	0.3616	0.3725	0.4479	0.4577
Sb-118m	7.2179	7.0096	7.2395	7.5949	6.6824	7.0211	7.8721	7.6647

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Sb-119	1.7285	1.5861	1.8687	1.8706	1.4173	1.4387	1.8175	1.9064
Sb-120	0.8436	0.7872	0.8903	0.9033	0.7065	0.7238	0.8837	0.9141
Sb-120m	7.7134	7.5254	7.7638	8.1582	7.2571	7.6233	8.4890	8.2641
Sb-122m	3.1041	2.9385	3.3221	3.3428	2.7715	2.8413	3.3511	3.4518
Sb-122	1.0401	1.0288	1.0183	1.0845	1.0070	1.0771	1.1651	1.0886
Sb-124	2.4683	2.4469	2.3857	2.5587	2.4096	2.5922	2.7796	2.5670
Sb-124m	1.0600	1.0201	1.0868	1.1275	1.0013	1.0617	1.2008	1.1495
Sb-124n	0.0881	0.0488	0.1523	0.1220	0.0479	0.0360	0.1121	0.1460
Sb-125	2.2372	2.1612	2.2800	2.3698	2.0505	2.1518	2.4485	2.4018
Sb-126	5.7338	5.6809	5.5856	5.9668	5.5800	6.0103	6.4470	5.9775
Sb-126m	3.4711	3.4344	3.3956	3.6203	3.3710	3.6216	3.9078	3.6280
Sb-127	1.6954	1.6756	1.6650	1.7720	1.6391	1.7539	1.8982	1.7789
Sb-128	6.3743	6.3134	6.2134	6.6358	6.2007	6.6801	7.1493	6.6523
Sb-128m	4.1596	4.1178	4.0626	4.3364	4.0418	4.3556	4.6584	4.3460
Sb-129	2.2097	2.1902	2.1394	2.2949	2.1553	2.3223	2.4799	2.3042
Sb-130m	4.8815	4.8291	4.7585	5.0904	4.7442	5.1074	5.4637	5.1102
Sb-130	7.1453	7.0666	7.0044	7.4777	6.9306	7.4272	7.9888	7.5001
Sb-131	2.7879	2.7628	2.6950	2.8928	2.7197	2.9230	3.1287	2.9065
Sb-133	2.8991	2.8758	2.7849	2.9996	2.8368	3.0490	3.2605	3.0159
Sc-42m	4.0113	3.9794	3.8711	4.1620	3.9205	4.1921	4.5194	4.1764
Sc-43	0.3382	0.3274	0.3470	0.3617	0.3203	0.3369	0.3828	0.3663
Sc-44	1.3731	1.3578	1.3247	1.4216	1.3405	1.4360	1.5431	1.4326
Sc-44m	1.3999	1.3775	1.4045	1.4883	1.3486	1.4145	1.5661	1.4966
Sc-46	2.6967	2.6744	2.5953	2.7914	2.6365	2.8404	3.0234	2.8063
Sc-47	1.2866	1.2674	1.2946	1.3781	1.2465	1.3061	1.4167	1.3799
Sc-48	4.2268	4.1919	4.0659	4.3772	4.1346	4.4336	4.7372	4.4023
Sc-49	0.0008	0.0008	0.0007	0.0008	0.0008	0.0008	0.0009	0.0008
Sc-50	3.8680	3.8376	3.7255	4.0086	3.7821	4.0504	4.3489	4.0277
Se-70	3.7395	2.9498	4.9828	4.4904	2.8423	2.7168	4.3865	4.9587
Se-71	1.7433	1.6942	1.7737	1.8604	1.6664	1.7536	1.9510	1.8843
Se-72	2.7929	2.0955	3.9056	3.4205	2.0001	1.8607	3.2741	3.8474
Se-73	3.4962	3.2030	3.9383	3.8769	3.1238	3.1778	3.9588	4.0841
Se-73m	0.5381	0.4226	0.7145	0.6459	0.4045	0.3832	0.6317	0.7166
Se-75	4.3556	3.7909	5.2131	4.9998	3.6930	3.6715	5.0262	5.3283
Se-77m	1.5215	1.3122	1.8267	1.7528	1.2662	1.2543	1.7352	1.8672
Se-79m	1.1151	0.7693	1.6466	1.4119	0.7145	0.6197	1.3341	1.6164
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0278	0.0275	0.0275	0.0293	0.0269	0.0286	0.0311	0.0293
Se-81m	1.1873	0.8407	1.7198	1.4897	0.7847	0.6929	1.4155	1.6931
Se-83m	1.3593	1.3480	1.3140	1.4118	1.3269	1.4231	1.5252	1.4181

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Se-83	4.6356	4.5939	4.5237	4.8414	4.5135	4.8215	5.2052	4.8574
Se-84	1.4117	1.4011	1.3877	1.4824	1.3709	1.4556	1.5921	1.4811
Si-31	0.0009	0.0009	0.0009	0.0010	0.0009	0.0010	0.0010	0.0010
Si-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-139	2.6531	2.5845	2.6895	2.8093	2.5165	2.6552	2.9483	2.8573
Sm-140	2.3888	2.2680	2.5341	2.5639	2.1848	2.2727	2.6238	2.6672
Sm-141	2.4245	2.3551	2.4623	2.5630	2.2884	2.4137	2.6980	2.6165
Sm-141m	5.0522	4.9127	5.1376	5.3557	4.7831	5.0482	5.6133	5.4578
Sm-142	1.5355	1.4264	1.6850	1.6622	1.3567	1.3978	1.6667	1.7597
Sm-143	0.9597	0.8949	1.0460	1.0364	0.8530	0.8809	1.0436	1.0943
Sm-143m	1.3267	1.3040	1.3070	1.3833	1.2793	1.3834	1.4857	1.3970
Sm-145	3.1919	2.9777	3.4907	3.4507	2.8381	2.9245	3.4652	3.6449
Sm-146	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0027	0.0017	0.0043	0.0035	0.0016	0.0013	0.0033	0.0041
Sm-153	2.1138	1.9988	2.2865	2.2891	1.9334	1.9994	2.3230	2.3901
Sm-155	2.0465	1.9931	2.1267	2.2034	1.9502	2.0272	2.2773	2.2521
Sm-156	1.8269	1.7029	2.0120	2.0136	1.6593	1.6999	2.0478	2.1062
Sm-157	2.5507	2.4893	2.6113	2.7244	2.4297	2.5462	2.8367	2.7621
Sn-106	4.2465	4.1202	4.2887	4.4892	3.9156	4.1043	4.6432	4.5105
Sn-108	4.3127	4.1747	4.3798	4.5778	3.9542	4.1291	4.7052	4.5979
Sn-109	3.5992	3.4910	3.5832	3.7718	3.3237	3.5071	3.9406	3.7957
Sn-110	2.8512	2.7397	2.9187	3.0324	2.5615	2.6575	3.0766	3.0470
Sn-111	1.1437	1.0740	1.1916	1.2175	0.9691	0.9962	1.2054	1.2275
Sn-113	1.3898	1.2931	1.4678	1.4872	1.1480	1.1689	1.4485	1.5002
Sn-113m	0.9786	0.9023	1.0519	1.0565	0.8081	0.8225	1.0285	1.0756
Sn-117m	2.9496	2.8298	3.0467	3.1660	2.6785	2.7773	3.1799	3.1897
Sn-119m	1.1611	1.0458	1.2885	1.2719	0.9349	0.9406	1.2306	1.3075
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.3765	0.3339	0.4311	0.4185	0.3043	0.3051	0.4075	0.4393
Sn-123	0.0087	0.0087	0.0084	0.0090	0.0086	0.0092	0.0098	0.0091
Sn-123m	1.8189	1.7815	1.8413	1.9485	1.7359	1.8150	1.9935	1.9547
Sn-125m	1.4938	1.4791	1.4767	1.5713	1.4446	1.5324	1.6647	1.5713
Sn-125	0.4479	0.4442	0.4318	0.4643	0.4376	0.4704	0.5022	0.4667
Sn-126	1.9546	1.8412	2.1072	2.1229	1.7530	1.7950	2.1398	2.2136
Sn-127m	1.3240	1.3132	1.2956	1.3839	1.2866	1.3680	1.4845	1.3903
Sn-127	2.9596	2.9280	2.8817	3.0840	2.8742	3.0728	3.3120	3.1009
Sn-128	5.0530	4.8457	5.2152	5.3693	4.5453	4.7318	5.4528	5.4685
Sn-129	1.7120	1.6959	1.6612	1.7763	1.6686	1.7979	1.9252	1.7808

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Sn-130	4.6395	4.5320	4.6932	4.9168	4.3721	4.5994	5.1095	4.9723
Sn-130m	2.8407	2.7685	2.8633	2.9986	2.6661	2.8095	3.1202	3.0368
Sr-79	2.2487	2.0902	2.4332	2.4420	1.9717	2.0150	2.4790	2.5349
Sr-80	2.0584	1.7829	2.3883	2.2991	1.6260	1.6117	2.2988	2.4315
Sr-81	2.6015	2.5139	2.6728	2.7892	2.4423	2.5484	2.8935	2.8235
Sr-82	1.1745	0.8859	1.5490	1.3834	0.7353	0.6530	1.3081	1.5251
Sr-83	2.6490	2.2459	3.1332	2.9778	2.0223	1.9868	2.9601	3.1745
Sr-85	2.4673	2.1624	2.8233	2.7378	1.9834	1.9786	2.7568	2.8889
Sr-85m	1.8627	1.7828	1.9508	2.0173	1.7246	1.7809	2.0832	2.0516
Sr-87m	1.3594	1.3039	1.4024	1.4514	1.2502	1.3060	1.5251	1.4710
Sr-89	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Sr-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sr-91	1.0980	1.0884	1.0613	1.1388	1.0716	1.1551	1.2314	1.1436
Sr-92	1.3736	1.3619	1.3173	1.4193	1.3452	1.4416	1.5477	1.4260
Sr-93	3.7693	3.7000	3.7164	3.9426	3.6156	3.8598	4.2205	3.9710
Sr-94	1.3649	1.3538	1.3053	1.4084	1.3380	1.4371	1.5395	1.4145
Ta-170	2.4540	2.2089	2.8447	2.7576	2.1623	2.1935	2.7900	2.9171
Ta-172	5.0228	4.6446	5.5778	5.5322	4.5512	4.6827	5.6804	5.7791
Ta-173	4.7027	4.1808	5.5606	5.3138	4.0846	4.1156	5.3263	5.6606
Ta-174	4.3474	3.9484	4.9834	4.8588	3.8633	3.9286	4.9267	5.1201
Ta-175	5.7803	5.3346	6.4792	6.3766	5.2182	5.3503	6.5048	6.6753
Ta-176	5.1633	4.7497	5.7514	5.6795	4.6588	4.7977	5.8475	5.9585
Ta-177	2.4429	2.1703	2.9109	2.7629	2.1167	2.1262	2.7564	2.9454
Ta-178	2.5386	2.2373	3.0520	2.8834	2.1826	2.1861	2.8722	3.0865
Ta-178m	10.2934	9.6704	11.2454	11.2719	9.4609	9.7553	11.5806	11.7051
Ta-179	1.3072	1.0931	1.6685	1.5290	1.0655	1.0424	1.5012	1.6673
Ta-180	2.1064	1.8512	2.5438	2.3973	1.8053	1.8049	2.3835	2.5690
Ta-182	4.4886	4.1771	4.9335	4.9218	4.1009	4.2132	5.0670	5.1526
Ta-182m	5.5268	4.8491	6.6266	6.3230	4.7446	4.7382	6.3053	6.7458
Ta-183	5.1158	4.5055	6.1071	5.8325	4.4036	4.4012	5.8387	6.2296
Ta-184	6.3567	5.9637	6.8719	6.9456	5.8441	6.0545	7.2103	7.1855
Ta-185	2.8476	2.4833	3.4362	3.2700	2.4301	2.4174	3.2592	3.5018
Ta-186	5.7823	5.5684	6.0155	6.2173	5.4611	5.7202	6.5135	6.3382
Tb-146	3.1566	3.0961	3.1038	3.2925	3.0451	3.2490	3.5406	3.3355
Tb-147m	2.5767	2.4671	2.6693	2.7341	2.4078	2.5374	2.8666	2.8168
Tb-147	4.4480	4.2986	4.5616	4.7145	4.2021	4.4359	4.9478	4.8215
Tb-148m	6.9337	6.7751	6.9567	7.2917	6.6309	7.0834	7.7559	7.3868
Tb-148	3.0988	3.0122	3.1250	3.2595	2.9486	3.1495	3.4603	3.3214
Tb-149m	3.4305	3.2950	3.5552	3.6445	3.2121	3.4130	3.8110	3.7400
Tb-149	4.1715	4.0144	4.3262	4.4475	3.9125	4.1214	4.6309	4.5541

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Tb-150m	7.1791	6.9939	7.2648	7.5737	6.8347	7.2667	8.0156	7.6887
Tb-150	3.8301	3.6964	3.9206	4.0486	3.6109	3.8290	4.2701	4.1461
Tb-151	5.8758	5.6216	6.1928	6.3079	5.4657	5.7142	6.5183	6.4878
Tb-151m	1.4669	1.1493	1.9824	1.7679	1.1127	1.0659	1.7147	1.9599
Tb-152m	5.3059	5.0289	5.6835	5.7365	4.8900	5.0918	5.8968	5.9181
Tb-152	3.7116	3.5695	3.8502	3.9520	3.4755	3.6591	4.1225	4.0517
Tb-153	4.1542	3.8921	4.5427	4.5256	3.7732	3.9024	4.6006	4.7198
Tb-154	4.5583	4.3548	4.7706	4.8650	4.2467	4.4598	5.0704	5.0186
Tb-155	4.3784	4.1101	4.7923	4.7721	3.9879	4.1168	4.8393	4.9917
Tb-156	6.5891	6.3001	6.9156	7.0597	6.1413	6.4332	7.3354	7.2717
Tb-156m	1.6004	1.5394	1.7226	1.7103	1.4912	1.5715	1.7358	1.7460
Tb-156n	0.4079	0.2840	0.6102	0.5196	0.2764	0.2468	0.4923	0.5971
Tb-157	0.4539	0.3376	0.6425	0.5601	0.3266	0.3034	0.5357	0.6338
Tb-158	3.6636	3.4219	3.9927	3.9797	3.3267	3.4591	4.0731	4.1630
Tb-160	2.8002	2.6900	2.9009	2.9911	2.6379	2.7794	3.1396	3.0690
Tb-161	1.8806	1.6625	2.2204	2.1146	1.5831	1.5957	2.0868	2.2485
Tb-162	3.5526	3.4438	3.6376	3.7885	3.3755	3.5619	3.9803	3.8580
Tb-163	2.8886	2.8321	2.9051	3.0553	2.7705	2.9299	3.2400	3.0832
Tb-164	5.8004	5.6235	5.9136	6.1620	5.5190	5.8437	6.5100	6.2676
Tb-165	1.3084	1.2383	1.3746	1.4061	1.2184	1.2797	1.4842	1.4479
Tc-101	1.5892	1.5723	1.5754	1.6747	1.5356	1.6246	1.7686	1.6760
Tc-102m	3.3909	3.3631	3.2841	3.5231	3.3077	3.5410	3.8144	3.5387
Tc-102	0.1577	0.1564	0.1538	0.1645	0.1535	0.1638	0.1771	0.1651
Tc-104	3.3358	3.3073	3.2458	3.4787	3.2480	3.4688	3.7451	3.4887
Tc-105	3.0671	2.9983	3.0931	3.2513	2.9022	3.0432	3.3957	3.2774
Tc-91	1.2631	1.2430	1.2231	1.3088	1.2155	1.3005	1.4176	1.3198
Tc-91m	0.9233	0.9099	0.9093	0.9655	0.8859	0.9403	1.0314	0.9717
Tc-92	6.0452	5.9416	5.9966	6.3552	5.7956	6.1487	6.7321	6.3923
Tc-93	2.4648	2.3116	2.5732	2.6104	2.1263	2.1932	2.6831	2.6522
Tc-93m	1.6884	1.6202	1.7222	1.7837	1.5251	1.5912	1.8612	1.8001
Tc-94	5.2686	5.0876	5.3040	5.5258	4.8508	5.1588	5.8222	5.5769
Tc-94m	1.9149	1.8544	1.9134	2.0038	1.7753	1.8892	2.1193	2.0234
Tc-95	2.5696	2.3982	2.7158	2.7336	2.1872	2.2666	2.7840	2.7771
Tc-95m	3.3538	3.1732	3.5205	3.5846	2.9443	3.0407	3.6594	3.6274
Tc-96	5.2227	5.0290	5.2775	5.4833	4.7787	5.0819	5.7624	5.5368
Tc-96m	0.7238	0.6423	0.8134	0.7871	0.5460	0.5351	0.7605	0.8068
Tc-97	1.2052	1.0524	1.3858	1.3165	0.8702	0.8391	1.2557	1.3546
Tc-97m	0.9406	0.8314	1.0608	1.0229	0.6950	0.6749	0.9790	1.0467
Tc-98	2.6257	2.6007	2.5490	2.7235	2.5585	2.7727	2.9531	2.7291
Tc-99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Tc-99m	1.8777	1.8344	1.9222	2.0119	1.7860	1.8543	2.0763	2.0238
Te-113	1.5758	1.5540	1.5296	1.6360	1.5207	1.6304	1.7620	1.6470
Te-114	3.8590	3.6899	3.9816	4.1070	3.4875	3.6412	4.2059	4.1815
Te-115	2.6138	2.5621	2.5754	2.7314	2.4859	2.6454	2.9035	2.7501
Te-115m	2.9552	2.8949	2.9041	3.0816	2.8066	2.9969	3.2814	3.1053
Te-116	3.0320	2.8658	3.1944	3.2550	2.6487	2.7271	3.2460	3.3265
Te-117	2.5515	2.4685	2.5606	2.6808	2.3511	2.4918	2.7967	2.7091
Te-118	1.3762	1.2818	1.4643	1.4784	1.1546	1.1819	1.4498	1.5080
Te-119	2.7193	2.6127	2.7681	2.8712	2.4631	2.5945	2.9602	2.9030
Te-119m	4.6673	4.5325	4.7072	4.9409	4.3477	4.5626	5.1107	4.9842
Te-121	2.7451	2.6364	2.8056	2.9065	2.4798	2.5977	2.9825	2.9418
Te-121m	2.4966	2.3927	2.6025	2.6868	2.2745	2.3573	2.7399	2.7274
Te-123	0.0787	0.0445	0.1345	0.1083	0.0434	0.0332	0.0997	0.1291
Te-123m	2.5617	2.4547	2.6688	2.7629	2.3477	2.4345	2.7915	2.8052
Te-125m	2.3804	2.2126	2.5584	2.5680	2.0120	2.0597	2.5341	2.6471
Te-127	0.0200	0.0197	0.0199	0.0211	0.0192	0.0202	0.0224	0.0212
Te-127m	0.7722	0.7031	0.8556	0.8452	0.6405	0.6498	0.8300	0.8794
Te-129	0.5492	0.4940	0.6208	0.6089	0.4622	0.4687	0.6077	0.6381
Te-129m	0.6098	0.5626	0.6623	0.6617	0.5156	0.5280	0.6560	0.6841
Te-131	2.2101	2.1694	2.2238	2.3493	2.1159	2.2221	2.4444	2.3642
Te-131m	3.3918	3.3297	3.3674	3.5629	3.2424	3.4549	3.7749	3.5966
Te-132	3.2592	3.1450	3.3755	3.4851	2.9888	3.1090	3.5600	3.5418
Te-133	2.4014	2.3787	2.3485	2.5098	2.3319	2.4882	2.6883	2.5163
Te-133m	3.7134	3.6535	3.6607	3.8885	3.5647	3.8035	4.1387	3.9193
Te-134	3.7168	3.6442	3.7374	3.9321	3.5385	3.7353	4.1243	3.9862
Th-223	2.2634	1.9718	2.6931	2.5721	1.8632	1.8394	2.5547	2.7597
Th-224	0.3025	0.2780	0.3358	0.3350	0.2661	0.2703	0.3384	0.3477
Th-226	0.3019	0.2483	0.3799	0.3509	0.2272	0.2170	0.3417	0.3796
Th-227	2.5609	2.1338	3.1797	2.9563	1.9683	1.9041	2.8950	3.1876
Th-228	0.2770	0.2100	0.3749	0.3319	0.1849	0.1675	0.3150	0.3678
Th-229	3.7502	3.0854	4.7316	4.3687	2.8534	2.7334	4.2597	4.7595
Th-230	2.2330	2.2394	2.3586	2.3839	2.1620	2.2289	2.4446	2.4210
Th-231	2.3313	1.8278	3.0490	2.7468	1.6092	1.4890	2.6153	3.0066
Th-232	1.3040	1.2906	1.3827	1.2470	1.2823	1.3706	1.4953	1.3473
Th-233	0.6286	0.5005	0.8213	0.7458	0.4661	0.4419	0.7236	0.8201
Th-234	0.4908	0.4165	0.6003	0.5618	0.3847	0.3727	0.5502	0.6049
Th-235	0.1650	0.1582	0.1706	0.1763	0.1538	0.1618	0.1856	0.1800
Th-236	0.4290	0.3779	0.5008	0.4830	0.3547	0.3528	0.4827	0.5103
Ti-44	4.0746	3.9367	4.3209	4.3829	3.8686	3.9865	4.5055	4.6298
Ti-45	0.0306	0.0189	0.0497	0.0409	0.0185	0.0153	0.0384	0.0481

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ti-51	1.4959	1.4827	1.4758	1.5721	1.4510	1.5416	1.6665	1.5723
Ti-52	2.4792	2.3422	2.6785	2.7035	2.2561	2.3029	2.7696	2.7684
Tl-190	2.5496	2.4088	2.7215	2.7623	2.3534	2.4437	2.8835	2.8652
Tl-190m	6.0711	5.8214	6.3042	6.4955	5.6999	5.9939	6.8491	6.6687
Tl-194	3.0031	2.7788	3.3164	3.2999	2.7107	2.7817	3.4014	3.4703
Tl-194m	8.4254	7.9178	9.0419	9.1464	7.7369	8.0515	9.5369	9.4988
Tl-195	4.5819	4.0182	5.4114	5.1880	3.9060	3.9157	5.2438	5.5876
Tl-196	4.6053	4.3065	4.9807	5.0137	4.2108	4.3541	5.2147	5.2419
Tl-197	3.7355	3.3427	4.3371	4.1961	3.2544	3.2724	4.2394	4.5011
Tl-198	5.0813	4.7436	5.5068	5.5362	4.6388	4.7932	5.7561	5.7942
Tl-198m	6.0515	5.5279	6.7765	6.6948	5.3812	5.5062	6.8802	7.0555
Tl-199	3.6925	3.2861	4.3270	4.1693	3.1954	3.1969	4.1933	4.4809
Tl-200	4.8556	4.5107	5.3160	5.3144	4.4056	4.5363	5.4938	5.5744
Tl-201	3.2522	2.7949	3.9811	3.7444	2.7105	2.6631	3.7152	4.0874
Tl-202	3.5941	3.2721	4.0736	3.9959	3.1862	3.2327	4.0770	4.2439
Tl-204	0.0533	0.0449	0.0668	0.0620	0.0435	0.0423	0.0612	0.0683
Tl-206m	7.8562	7.6065	8.0437	8.3848	7.4424	7.8173	8.8337	8.5409
Tl-206	0.0025	0.0022	0.0029	0.0028	0.0021	0.0021	0.0028	0.0031
Tl-207	0.0037	0.0036	0.0036	0.0038	0.0036	0.0039	0.0041	0.0039
Tl-208	3.2079	3.1548	3.1420	3.3448	3.1059	3.3188	3.6174	3.3925
Tl-209	4.9729	4.8447	5.0529	5.2887	4.7554	4.9889	5.5947	5.3822
Tl-210	4.8830	4.6680	5.0335	5.2103	4.5627	4.8164	5.5103	5.3384
Tm-161	7.8220	7.2816	8.6937	8.5620	7.0901	7.3369	8.7014	8.9132
Tm-162	3.6318	3.4184	3.9212	3.9337	3.3454	3.4956	4.0724	4.0708
Tm-163	6.2233	5.8449	6.8052	6.7665	5.7024	5.9276	6.9348	7.0138
Tm-164	1.8560	1.7022	2.1048	2.0476	1.6583	1.7099	2.0749	2.1478
Tm-165	4.9013	4.5893	5.3951	5.3485	4.4680	4.6351	5.4578	5.5411
Tm-166	5.4137	5.0736	5.8820	5.8779	4.9637	5.1836	6.0745	6.0987
Tm-167	3.4084	3.0884	3.9478	3.8060	3.0037	3.0687	3.8215	4.0016
Tm-168	6.0750	5.7194	6.5834	6.6081	5.5912	5.8375	6.8137	6.8282
Tm-170	0.1818	0.1525	0.2309	0.2127	0.1491	0.1464	0.2096	0.2331
Tm-171	0.0293	0.0258	0.0355	0.0333	0.0251	0.0252	0.0331	0.0356
Tm-172	1.0717	0.9649	1.2236	1.1943	0.9480	0.9701	1.2250	1.2671
Tm-173	1.5995	1.5574	1.6339	1.7029	1.5224	1.6035	1.8034	1.7220
Tm-174	6.9051	6.6222	7.2186	7.4379	6.4896	6.7848	7.7556	7.6011
Tm-175	2.6936	2.6105	2.7508	2.8584	2.5593	2.7084	3.0238	2.9094
Tm-176	4.9543	4.7164	5.2292	5.3473	4.6277	4.8351	5.5833	5.4982
U-227	2.1529	1.9021	2.5091	2.4242	1.7892	1.7783	2.4190	2.5679
U-228	0.3110	0.2469	0.4030	0.3647	0.2182	0.2032	0.3491	0.3975
U-230	0.3268	0.2487	0.4391	0.3890	0.2145	0.1937	0.3675	0.4284

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
U-231	4.4767	3.7046	5.5767	5.1710	3.3566	3.2122	5.0190	5.5844
U-232	0.3038	0.2280	0.4129	0.3635	0.1952	0.1744	0.3421	0.4014
U-233	0.1596	0.1183	0.2194	0.1924	0.1020	0.0906	0.1810	0.2135
U-234	2.1847	2.2351	2.2914	2.1793	2.0990	2.1820	2.3588	2.2874
U-235	2.0856	2.0464	2.2224	2.0875	2.0253	2.1095	2.2748	2.1806
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	0.2500	0.1867	0.3410	0.2996	0.1596	0.1421	0.2817	0.3313
U-237	4.0444	3.5759	4.7282	4.5472	3.3481	3.3224	4.5136	4.8003
U-238	1.5259	1.5069	1.5904	1.4594	1.4970	1.5772	1.6855	1.5614
U-239	1.4791	1.3753	1.6332	1.6148	1.3156	1.3358	1.6311	1.7144
U-240	0.8422	0.6525	1.1154	0.9979	0.5718	0.5241	0.9475	1.0934
U-242	0.4732	0.4512	0.5053	0.5096	0.4350	0.4481	0.5212	0.5268
V-47	0.0167	0.0133	0.0219	0.0200	0.0131	0.0127	0.0199	0.0221
V-48	2.9307	2.8593	2.8965	3.0679	2.8212	3.0098	3.3053	3.1143
V-49	0.2176	0.1205	0.3761	0.3013	0.1181	0.0888	0.2768	0.3604
V-50	1.4790	1.3885	1.5522	1.5909	1.3711	1.4445	1.6955	1.6443
V-52	1.3221	1.3115	1.2626	1.3636	1.2968	1.3918	1.4918	1.3696
V-53	1.4054	1.3943	1.3520	1.4562	1.3740	1.4736	1.5720	1.4651
W-177	7.7849	7.0743	8.9216	8.6940	6.9232	7.0315	8.8182	9.1662
W-178	0.9831	0.7621	1.3497	1.1957	0.7432	0.6994	1.1558	1.3363
W-179	2.8526	2.4084	3.5880	3.3151	2.3311	2.2855	3.2595	3.6080
W-179m	1.7844	1.5436	2.1887	2.0522	1.5074	1.4903	2.0369	2.2153
W-181	1.8783	1.6151	2.3253	2.1645	1.5754	1.5567	2.1403	2.3413
W-185m	1.6307	1.1215	2.4609	2.0937	1.0947	0.9619	1.9840	2.4080
W-185	0.0016	0.0014	0.0018	0.0018	0.0014	0.0014	0.0018	0.0019
W-187	2.0217	1.9125	2.1705	2.1912	1.8752	1.9471	2.2749	2.2735
W-188	0.0196	0.0178	0.0224	0.0220	0.0174	0.0176	0.0223	0.0231
W-190	4.0593	3.6249	4.7755	4.5923	3.5464	3.5512	4.5901	4.8912
Xe-120	4.0541	3.8561	4.2428	4.3378	3.6088	3.7422	4.3846	4.4439
Xe-121	2.6658	2.5801	2.7159	2.8281	2.4694	2.5873	2.9322	2.8799
Xe-122	1.7726	1.6690	1.8816	1.9050	1.5407	1.5879	1.9059	1.9622
Xe-123	3.0670	2.9497	3.1707	3.2810	2.8054	2.9193	3.3449	3.3392
Xe-125	3.7649	3.6103	3.9190	4.0345	3.4099	3.5381	4.0990	4.1131
Xe-127	3.7477	3.6097	3.8823	4.0177	3.4307	3.5662	4.1010	4.0821
Xe-127m	3.1702	3.0608	3.2995	3.4070	2.9453	3.0520	3.4946	3.4700
Xe-129m	2.7372	2.5590	2.9451	2.9536	2.3611	2.4266	2.9474	3.0742
Xe-131m	1.1542	1.0677	1.2604	1.2547	0.9844	1.0071	1.2478	1.3110
Xe-133	1.7913	1.7105	1.8975	1.9242	1.6288	1.6835	1.9559	2.0239
Xe-133m	1.2873	1.2045	1.3849	1.3922	1.1171	1.1478	1.3943	1.4458
Xe-135	1.5565	1.5365	1.5564	1.6539	1.4991	1.5684	1.7360	1.6620

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Xe-135m	1.3272	1.3003	1.3260	1.3957	1.2594	1.3331	1.4759	1.4129
Xe-137	0.4750	0.4711	0.4656	0.4973	0.4613	0.4905	0.5338	0.4988
Xe-138	1.9460	1.8663	2.0094	2.0866	1.8291	1.9167	2.2023	2.1333
Y-81	2.8153	2.5977	3.1073	3.0879	2.4615	2.4918	3.1336	3.2206
Y-83	1.8171	1.6166	2.0491	1.9928	1.4679	1.4755	1.9961	2.0936
Y-83m	1.6090	1.5156	1.7071	1.7368	1.4316	1.4704	1.7859	1.7746
Y-84m	4.4402	4.3797	4.3182	4.6145	4.3007	4.6293	4.9792	4.6459
Y-85	1.3548	1.2566	1.4530	1.4623	1.1822	1.2172	1.5080	1.5089
Y-85m	1.5434	1.4208	1.6655	1.6708	1.3342	1.3704	1.7201	1.7273
Y-86	5.1106	4.8909	5.2044	5.4013	4.7141	4.9757	5.7202	5.5052
Y-86m	1.7609	1.7183	1.8046	1.8931	1.6742	1.7455	1.9708	1.9053
Y-87	2.4216	2.1438	2.7513	2.6718	1.9531	1.9524	2.6850	2.8000
Y-87m	1.3478	1.2926	1.3916	1.4371	1.2328	1.2866	1.5040	1.4545
Y-88	3.7588	3.4722	4.0014	4.0378	3.2740	3.3954	4.1965	4.1749
Y-89m	1.3446	1.3317	1.2991	1.3945	1.3102	1.4147	1.5057	1.4021
Y-90	0.0001	0.0001	0.0002	0.0002	0.0001	0.0001	0.0002	0.0002
Y-90m	3.0700	3.0158	3.0920	3.2644	2.9366	3.0840	3.4332	3.2791
Y-91	0.0035	0.0035	0.0033	0.0036	0.0034	0.0037	0.0039	0.0036
Y-91m	1.3116	1.2896	1.2979	1.3730	1.2575	1.3390	1.4694	1.3824
Y-92	0.3569	0.3539	0.3446	0.3702	0.3484	0.3746	0.4004	0.3719
Y-93	0.1925	0.1906	0.1890	0.2022	0.1869	0.1980	0.2155	0.2029
Y-94	1.0523	1.0437	1.0145	1.0907	1.0280	1.1077	1.1800	1.0962
Y-95	0.7907	0.7849	0.7540	0.8155	0.7758	0.8346	0.8913	0.8218
Yb-162	4.1190	3.8217	4.6099	4.5435	3.7322	3.8411	4.6032	4.7219
Yb-163	2.9975	2.6896	3.4960	3.3560	2.6239	2.6787	3.3840	3.5473
Yb-164	2.0402	1.8465	2.3803	2.2734	1.7937	1.8359	2.2728	2.3940
Yb-165	5.1691	4.5381	6.2329	5.8755	4.4251	4.4569	5.8522	6.3043
Yb-166	3.8284	3.4752	4.4499	4.2619	3.3802	3.4590	4.2663	4.4959
Yb-167	7.5791	6.8836	8.7671	8.4715	6.7159	6.8466	8.5166	8.9057
Yb-169	8.3629	7.7243	9.4649	9.2419	7.5301	7.7232	9.3293	9.6484
Yb-175	0.2861	0.2729	0.3051	0.3099	0.2668	0.2772	0.3212	0.3178
Yb-177	1.0615	1.0110	1.1325	1.1511	0.9915	1.0293	1.1839	1.1814
Yb-178	0.1836	0.1742	0.1951	0.1989	0.1702	0.1775	0.2078	0.2040
Yb-179	2.8085	2.7376	2.8423	2.9686	2.6849	2.8505	3.1551	3.0056
Zn-60	1.8218	1.7715	1.8641	1.9323	1.7373	1.8342	2.0381	1.9664
Zn-61	0.6076	0.5978	0.5955	0.6349	0.5887	0.6280	0.6859	0.6412
Zn-62	2.1604	1.7833	2.7362	2.5297	1.7357	1.7078	2.5155	2.7692
Zn-63	0.2788	0.2527	0.3107	0.3078	0.2487	0.2586	0.3211	0.3234
Zn-65	1.4263	1.0920	1.9359	1.7334	1.0747	1.0244	1.7106	1.9379
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Zn-69m	1.3351	1.3058	1.3439	1.4150	1.2782	1.3502	1.5092	1.4283
Zn-71	0.7298	0.7230	0.7157	0.7635	0.7096	0.7557	0.8186	0.7674
Zn-71m	4.1111	4.0745	4.0325	4.3017	3.9958	4.2600	4.6199	4.3112
Zn-72	3.0938	2.6064	3.8614	3.6233	2.5396	2.4869	3.5818	3.9083
Zr-85	1.3108	1.2817	1.3098	1.3803	1.2429	1.3137	1.4693	1.3906
Zr-86	4.2220	3.7772	4.7661	4.6391	3.3848	3.3669	4.5967	4.8170
Zr-87	0.3156	0.2733	0.3659	0.3483	0.2399	0.2361	0.3438	0.3657
Zr-88	2.5824	2.3417	2.8621	2.8157	2.1327	2.1545	2.8464	2.9070
Zr-89	2.2933	2.1044	2.4776	2.4693	1.9457	2.0058	2.5257	2.5484
Zr-89m	1.3622	1.3322	1.3545	1.4258	1.2944	1.3794	1.5251	1.4366
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	1.2771	1.2652	1.2377	1.3242	1.2452	1.3534	1.4359	1.3275
Zr-97	1.5488	1.5315	1.5070	1.6089	1.5035	1.6265	1.7388	1.6143

Table 18: Wood Surface Contamination for 400x400x40 ft room

Nuclide	avg400	ctr400	mid400	cnr400
Ac-223	0.2630	0.3287	0.5865	0.7072
Ac-224	3.2852	3.7825	4.9843	5.5931
Ac-225	0.3779	0.4748	0.8452	1.0073
Ac-226	1.3808	1.5903	2.0972	2.3336
Ac-227	0.0571	0.0811	0.2022	0.2572
Ac-228	1.9211	2.2947	3.0165	3.2999
Ac-230	0.8133	0.9864	1.3326	1.4546
Ac-231	3.0471	3.4849	4.2667	4.6755
Ac-232	1.3100	1.5850	2.0633	2.2209
Ac-233	1.2034	1.4035	1.6408	1.7398
Ag-100m	2.2722	2.6557	2.8876	2.9393
Ag-101	2.0590	2.3782	2.7210	2.8536
Ag-102m	1.4813	1.7486	1.9628	2.0043
Ag-102	3.4795	4.0750	4.4977	4.6000
Ag-103	2.5567	2.9494	3.5491	3.7493
Ag-104	4.3893	5.1594	5.8834	6.0935
Ag-104m	1.8035	2.1196	2.4336	2.5108
Ag-105	2.6337	3.0796	3.7713	4.0421
Ag-105m	0.0206	0.0288	0.0749	0.0985
Ag-106	0.5176	0.6235	0.8224	0.8769
Ag-106m	5.3943	6.3158	7.2038	7.4674
Ag-108	0.0500	0.0593	0.0737	0.0775
Ag-108m	4.1203	4.8073	5.5585	5.7993
Ag-109m	0.4418	0.5374	0.7645	0.8469
Ag-110	0.0579	0.0672	0.0740	0.0758
Ag-110m	3.9448	4.5993	4.9722	5.0766
Ag-111	0.1131	0.1286	0.1415	0.1502
Ag-111m	0.2337	0.2879	0.4317	0.4855
Ag-112	0.9025	1.0499	1.1368	1.1534
Ag-113m	0.8268	0.9519	1.1009	1.1793
Ag-113	0.2486	0.2836	0.3117	0.3303
Ag-114	0.3780	0.4393	0.4765	0.4854
Ag-115	0.9071	1.0381	1.1453	1.1897
Ag-116	2.2398	2.6201	2.8365	2.8770
Ag-117	1.8557	2.1337	2.3586	2.4387
Ag-99	2.4735	2.8583	3.1750	3.2994
Al-26	1.2503	1.4807	1.5906	1.5936
Al-28	1.2188	1.4433	1.5470	1.5490
Al-29	1.2563	1.4814	1.5911	1.5924

Nuclide	avg400	ctr400	mid400	cnr400
Am-237	3.3173	3.8594	5.1366	5.6808
Am-238	3.1323	3.6822	4.8334	5.2783
Am-239	3.9490	4.6289	6.5123	7.3003
Am-240	3.2907	3.9217	5.3524	5.8881
Am-241	1.9694	2.1717	2.3441	2.4574
Am-242	0.5294	0.6544	1.0775	1.2357
Am-242m	0.2831	0.3786	0.7628	0.9067
Am-243	1.5942	1.8072	2.2432	2.5776
Am-244	2.7072	3.2880	4.7458	5.2781
Am-244m	0.1733	0.2237	0.4028	0.4665
Am-245	0.4221	0.4913	0.6660	0.7375
Am-246	3.8630	4.6457	6.7126	7.4774
Am-246m	1.6488	1.9693	2.4680	2.6359
Am-247	1.5525	1.7957	2.3525	2.5884
Ar-37	0.0186	0.0276	0.0839	0.1131
Ar-39	0.0000	0.0000	0.0000	0.0000
Ar-41	1.2343	1.4546	1.5620	1.5647
Ar-42	0.0000	0.0000	0.0000	0.0000
Ar-43	1.4991	1.7606	1.8977	1.9177
Ar-44	2.5002	2.8715	3.1475	3.2397
As-68	2.9238	3.4276	3.7113	3.7633
As-69	0.5103	0.5883	0.7429	0.8242
As-70	3.8467	4.5118	4.9695	5.0848
As-71	1.8846	2.1956	3.1919	3.7034
As-72	1.2291	1.4508	1.6881	1.7953
As-73	0.8665	1.2099	3.2486	4.3130
As-74	1.0305	1.2281	1.6647	1.8656
As-76	0.7503	0.8693	0.9447	0.9648
As-77	0.0438	0.0493	0.0562	0.0600
As-78	1.6944	1.9741	2.1352	2.1692
As-79	0.0776	0.0893	0.0974	0.1009
At-204	5.7008	6.6003	7.7145	8.2889
At-205	3.2318	3.7513	4.6758	5.2144
At-206	5.9728	6.9052	8.0493	8.6530
At-207	4.8302	5.6152	6.8180	7.4936
At-208	7.2225	8.3662	9.9606	10.7840
At-209	6.7249	7.8058	9.4709	10.4128
At-210	5.7137	6.6642	8.1103	8.8337
At-211	0.9008	1.0490	1.4590	1.7142
At-215	0.0007	0.0008	0.0009	0.0010

Nuclide	avg400	ctr400	mid400	cnr400
At-216	0.0469	0.0538	0.0707	0.0818
At-217	0.0017	0.0019	0.0023	0.0026
At-218	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000
At-220	2.1312	2.4217	2.7974	3.0028
Au-186	3.6538	4.1640	4.9717	5.4974
Au-187	3.1102	3.6010	4.7117	5.4251
Au-190	4.2800	4.9250	5.8341	6.4380
Au-191	3.9240	4.4919	5.7619	6.6240
Au-192	4.0308	4.6422	5.5479	6.1682
Au-193	2.7995	3.1872	4.2222	4.9751
Au-193m	1.6450	1.9221	2.7352	3.1916
Au-194	3.3580	3.8537	4.7112	5.3221
Au-195	2.3953	2.7731	4.0298	4.8717
Au-195m	1.6659	1.9478	2.7683	3.2315
Au-196	3.1456	3.5889	4.4089	5.0129
Au-196m	3.9596	4.6095	6.7158	7.9469
Au-198	1.2798	1.4626	1.6259	1.6995
Au-198m	6.2646	7.1012	9.0016	10.1970
Au-199	1.2653	1.4333	1.8567	2.1006
Au-200	0.4783	0.5532	0.6093	0.6337
Au-200m	6.5376	7.4724	8.5369	9.1033
Au-201	0.1541	0.1845	0.2763	0.3245
Au-202	0.2983	0.3457	0.3797	0.3918
Ba-124	2.1124	2.4087	2.9521	3.2112
Ba-126	2.4879	2.8467	3.4209	3.6874
Ba-127	1.2559	1.4281	1.7696	1.9351
Ba-128	1.2791	1.4650	1.8957	2.1012
Ba-129	1.3659	1.5613	1.9851	2.1838
Ba-129m	4.5784	5.2562	6.1942	6.6131
Ba-131	3.2403	3.6898	4.4275	4.7709
Ba-131m	1.7677	1.9888	2.4710	2.7211
Ba-133	3.7462	4.2595	5.1376	5.6507
Ba-133m	1.0978	1.2692	1.7640	2.0119
Ba-135m	1.0075	1.1472	1.4801	1.6449
Ba-137m	1.1894	1.3740	1.5201	1.5683
Ba-139	0.4810	0.5336	0.6224	0.6683
Ba-140	0.8254	0.9707	1.3299	1.5028
Ba-141	2.7015	3.0720	3.4115	3.5926
Ba-142	2.4180	2.7705	3.1120	3.2858

Nuclide	avg400	ctr400	mid400	cnr400
Be-10	0.0000	0.0000	0.0000	0.0000
Be-7	0.1285	0.1481	0.1615	0.1665
Bi-197	3.6263	4.2286	5.2562	5.8521
Bi-200	6.9858	8.0492	9.5141	10.3366
Bi-201	3.7249	4.3379	5.3420	5.9319
Bi-202	6.3711	7.3709	8.6547	9.3567
Bi-203	4.4834	5.2209	6.3089	6.9395
Bi-204	6.4400	7.4742	8.8450	9.6116
Bi-205	3.4427	4.0195	5.0022	5.5636
Bi-206	7.4367	8.6252	10.1724	11.0686
Bi-207	3.8856	4.5166	5.5005	6.0511
Bi-208	2.2081	2.6262	3.3458	3.6948
Bi-210	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.4507	1.6467	1.9133	2.0941
Bi-211	0.2267	0.2591	0.3002	0.3289
Bi-212n	0.0000	0.0000	0.0000	0.0000
Bi-212	0.2219	0.2751	0.4376	0.5154
Bi-213	0.4358	0.5008	0.5760	0.6153
Bi-214	1.6668	1.9490	2.1188	2.1547
Bi-215	1.0995	1.2611	1.4987	1.6517
Bi-216	1.8778	2.1641	2.3996	2.4931
Bk-245	3.4343	3.9799	5.3192	5.8651
Bk-246	3.1321	3.7324	5.1174	5.6472
Bk-247	1.8718	2.1193	2.5594	2.8201
Bk-248m	0.7147	0.8513	1.2353	1.3815
Bk-249	0.0000	0.0000	0.0000	0.0000
Bk-250	1.4048	1.6773	2.0614	2.1780
Bk-251	1.7195	2.0204	2.8550	3.1815
Br-72	2.3996	2.8164	3.1236	3.2269
Br-73	1.7161	1.9525	2.2744	2.5091
Br-74	2.7219	3.1954	3.5505	3.6215
Br-74m	3.3248	3.8940	4.3127	4.4149
Br-75	1.8888	2.1753	2.6251	2.8691
Br-76	2.4381	2.8993	3.5127	3.7324
Br-76m	1.5032	1.8366	3.1111	3.7493
Br-77	1.3893	1.7016	2.7098	3.1837
Br-77m	0.5434	0.7064	1.3710	1.6601
Br-78	0.1954	0.2345	0.3183	0.3535
Br-80	0.1230	0.1492	0.2133	0.2409
Br-80m	1.1167	1.4391	2.7565	3.3689

Nuclide	avg400	ctr400	mid400	cnr400
Br-82m	0.3053	0.4483	1.1078	1.3899
Br-82	4.0242	4.6836	5.0641	5.1802
Br-83	0.0158	0.0183	0.0202	0.0208
Br-84m	3.7431	4.3600	4.7173	4.8162
Br-84	1.3573	1.5986	1.7194	1.7362
Br-85	0.0896	0.1046	0.1129	0.1158
C-10	1.2018	1.3962	1.5069	1.5470
C-11	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0331	0.0492	0.1498	0.2020
Ca-45	0.0000	0.0000	0.0000	0.0000
Ca-47	1.0867	1.2780	1.3737	1.3820
Ca-49	1.1949	1.4288	1.5230	1.4943
Cd-101	2.9927	3.4692	3.9807	4.1642
Cd-102	2.4261	2.8443	3.4231	3.6212
Cd-103	2.2824	2.7185	3.2518	3.3949
Cd-104	2.3308	2.7265	3.4190	3.7389
Cd-105	1.5957	1.9040	2.3151	2.4340
Cd-107	1.2586	1.5407	2.1976	2.4158
Cd-109	1.1681	1.4326	2.0544	2.2624
Cd-111m	2.3072	2.6204	3.0999	3.3206
Cd-113	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0009	0.0011	0.0014	0.0016
Cd-115	0.5179	0.5991	0.6677	0.6941
Cd-115m	0.0420	0.0491	0.0531	0.0540
Cd-117	1.8055	2.0873	2.2903	2.3767
Cd-117m	2.0094	2.3567	2.5475	2.5780
Cd-118	0.0000	0.0000	0.0000	0.0000
Cd-119	2.1583	2.5020	2.7277	2.8145
Cd-119m	2.3940	2.8035	3.0398	3.0835
Ce-130	3.3118	3.7443	4.5098	4.9151
Ce-131	3.3214	3.8097	4.5207	4.8620
Ce-132	3.0963	3.4744	4.1833	4.5694
Ce-133	3.0634	3.4451	4.2328	4.7119
Ce-133m	4.8406	5.5307	6.4358	6.9104
Ce-134	1.1284	1.2834	1.6967	1.9224
Ce-135	3.4709	3.9574	4.6627	5.0419
Ce-137	1.2174	1.4035	1.9830	2.2945
Ce-137m	1.0236	1.1607	1.5008	1.7078
Ce-139	2.5645	2.8738	3.5442	3.9018

Nuclide	avg400	ctr400	mid400	cnr400
Ce-141	1.1162	1.2402	1.4520	1.5705
Ce-143	2.0390	2.3014	2.7452	3.0630
Ce-144	0.3642	0.4066	0.4825	0.5303
Ce-145	3.0875	3.5157	4.1580	4.5829
Cf-244	0.1046	0.1387	0.2694	0.3158
Cf-246	0.0722	0.0956	0.1850	0.2168
Cf-247	2.2636	2.7229	4.1505	4.7030
Cf-248	0.0867	0.1147	0.2214	0.2593
Cf-249	1.4806	1.7274	2.1702	2.3532
Cf-250	0.0800	0.1035	0.1866	0.2161
Cf-251	1.9717	2.3037	3.1868	3.5432
Cf-252	0.7126	0.8333	0.9848	1.0389
Cf-253	0.2417	0.3150	0.5974	0.7050
Cf-254	23.8072	27.4631	30.0411	30.9696
Cf-255	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0000	0.0000	0.0000	0.0001
Cl-34m	1.5606	1.7937	1.9730	2.0172
Cl-36	0.0003	0.0004	0.0012	0.0016
Cl-38	0.9025	1.0704	1.1469	1.1442
Cl-39	1.8767	2.1736	2.3616	2.4131
Cl-40	2.3790	2.8181	3.0159	3.0036
Cm-238	1.6835	1.9566	2.6673	2.9568
Cm-239	3.5502	4.0596	5.2035	5.6928
Cm-240	0.1134	0.1525	0.3063	0.3614
Cm-241	3.5954	4.2563	5.9495	6.6210
Cm-242	0.1017	0.1368	0.2749	0.3244
Cm-243	1.8808	2.2218	3.2119	3.6325
Cm-244	0.0873	0.1174	0.2360	0.2785
Cm-245	2.1229	2.4840	3.4872	3.8999
Cm-246	0.0747	0.0995	0.1946	0.2287
Cm-247	1.0931	1.2475	1.3958	1.4594
Cm-248	1.9209	2.2284	2.5182	2.6223
Cm-249	0.1088	0.1439	0.3216	0.4122
Cm-250	18.7980	21.6868	23.7368	24.4764
Cm-251	0.4294	0.5011	0.6283	0.6770
Co-54m	3.7095	4.3251	4.6852	4.7566
Co-55	1.6581	1.9478	2.1991	2.2889
Co-56	3.2131	3.8148	4.4126	4.6227
Co-57	2.0686	2.4042	3.4473	3.9542
Co-58	1.3249	1.5840	2.0294	2.2559

Nuclide	avg400	ctr400	mid400	cnr400
Co-58m	0.1331	0.1977	0.6004	0.8095
Co-60	2.5032	2.9477	3.1709	3.1830
Co-60m	0.1867	0.2614	0.7081	0.9438
Co-61	1.6505	1.8182	2.0413	2.3450
Co-62	1.4516	1.7105	1.8428	1.8488
Co-62m	2.5782	3.0357	3.2722	3.2885
Cr-48	3.2671	3.6839	4.2689	4.6254
Cr-49	1.8406	2.0291	2.2757	2.4938
Cr-51	0.2104	0.2659	0.5073	0.6376
Cr-55	0.0005	0.0006	0.0007	0.0007
Cr-56	2.3826	2.7040	3.2619	3.6980
Cs-121	1.1600	1.3133	1.5138	1.6109
Cs-121m	2.1377	2.4197	2.7928	2.9775
Cs-123	1.7994	2.0502	2.4139	2.5995
Cs-124	0.5618	0.6469	0.7297	0.7713
Cs-125	1.4629	1.6844	2.0258	2.1752
Cs-126	0.9517	1.0943	1.2513	1.3193
Cs-127	2.3317	2.6743	3.2211	3.4653
Cs-128	0.7387	0.8523	1.0196	1.0914
Cs-129	2.2911	2.6362	3.2769	3.5792
Cs-130m	2.1795	2.4724	3.1354	3.5275
Cs-130	0.6391	0.7401	0.9626	1.0626
Cs-131	1.0105	1.1700	1.5555	1.7312
Cs-132	2.2495	2.6037	3.1080	3.3167
Cs-134	2.6994	3.1335	3.3902	3.4805
Cs-134m	0.7353	0.8588	1.2549	1.4481
Cs-135	0.0000	0.0000	0.0000	0.0000
Cs-135m	2.4107	2.8159	3.0396	3.1410
Cs-136	3.9154	4.5209	4.9595	5.1644
Cs-137	1.4915	1.7453	1.8559	1.9085
Cs-138m	1.4126	1.6224	1.9723	2.1315
Cs-138	2.4665	2.8873	3.1229	3.1626
Cs-139	0.2508	0.2954	0.3177	0.3188
Cs-140	1.6530	1.9357	2.0901	2.1091
Cu-57	0.1285	0.1510	0.1637	0.1655
Cu-59	0.6242	0.7280	0.7963	0.8204
Cu-60	2.4710	2.9183	3.1754	3.2137
Cu-61	0.5753	0.6802	0.9487	1.0950
Cu-62	0.0114	0.0146	0.0274	0.0338
Cu-64	0.0853	0.1250	0.3666	0.4918

Nuclide	avg400	ctr400	mid400	cnr400
Cu-66	0.1218	0.1429	0.1549	0.1568
Cu-67	1.2933	1.4453	1.7171	1.8820
Cu-69	0.7249	0.8470	0.9170	0.9341
Dy-148	2.5825	2.9233	3.4633	3.8147
Dy-149	4.1595	4.7158	5.5449	6.0952
Dy-150	1.7103	1.9242	2.2916	2.5427
Dy-151	3.6969	4.2231	5.0562	5.5620
Dy-152	2.7440	3.0637	3.6651	4.0970
Dy-153	5.2081	5.8401	7.0319	7.9010
Dy-154	0.0000	0.0000	0.0000	0.0000
Dy-155	3.4460	3.8671	4.5917	5.0956
Dy-157	2.8053	3.1544	3.7482	4.2161
Dy-159	1.7184	1.9104	2.4405	2.8506
Dy-165m	0.3272	0.3891	0.6560	0.8073
Dy-165	0.2885	0.3212	0.3877	0.4365
Dy-166	1.3043	1.4605	1.9075	2.2288
Dy-167	2.1918	2.4814	2.8475	3.0769
Dy-168	2.1877	2.4654	2.9274	3.2099
Er-154	1.8583	2.1103	2.8455	3.3126
Er-156	2.2119	2.5297	3.6742	4.3811
Er-159	3.1819	3.5963	4.2698	4.6927
Er-161	3.3601	3.8113	4.5751	5.0771
Er-163	1.4582	1.6166	2.0638	2.3943
Er-165	1.4048	1.5585	1.9983	2.3213
Er-167m	1.0512	1.1809	1.4739	1.6536
Er-169	0.0039	0.0058	0.0173	0.0234
Er-171	2.8597	3.2144	3.7717	4.1582
Er-172	2.5745	2.8982	3.4403	3.7883
Er-173	4.3966	4.9349	5.7547	6.2522
Es-249	2.8987	3.3696	4.3816	4.7837
Es-250	7.7288	9.2118	12.9984	14.4675
Es-250m	2.5202	2.9541	3.9035	4.2578
Es-251	2.1082	2.5091	3.7031	4.1639
Es-253	0.0292	0.0383	0.0734	0.0867
Es-254	0.9838	1.3066	2.6478	3.1840
Es-254m	1.2568	1.5025	1.9765	2.1450
Es-255	0.0010	0.0011	0.0012	0.0013
Es-256	0.1562	0.2013	0.3607	0.4193
Eu-142	0.3418	0.3962	0.4485	0.4798
Eu-142m	4.2939	5.0086	5.6393	5.9045

Nuclide	avg400	ctr400	mid400	cnr400
Eu-143	0.7113	0.8141	0.9659	1.0714
Eu-144	0.3129	0.3599	0.4255	0.4710
Eu-145	2.7573	3.1620	3.7181	4.1040
Eu-146	4.5537	5.2458	5.9574	6.3781
Eu-147	3.0365	3.4182	4.1187	4.6441
Eu-148	5.2828	6.0672	6.8892	7.3546
Eu-149	1.4666	1.6643	2.2317	2.6568
Eu-150	5.0295	5.7457	6.5538	7.0982
Eu-150m	0.2414	0.2732	0.3283	0.3715
Eu-152	3.4400	3.9200	4.5650	4.9957
Eu-152m	0.9552	1.0885	1.2853	1.4242
Eu-152n	1.8323	2.0697	2.6711	3.0964
Eu-154	2.7772	3.1788	3.5949	3.8007
Eu-154m	2.0292	2.3070	3.1423	3.7136
Eu-155	1.4400	1.5992	1.8905	2.1267
Eu-156	1.6049	1.8636	2.0991	2.2084
Eu-157	2.3523	2.6498	3.2798	3.7550
Eu-158	2.1428	2.4842	2.8457	3.0397
Eu-159	2.8544	3.1882	3.8520	4.3943
F-17	0.0004	0.0005	0.0005	0.0005
F-18	0.0000	0.0000	0.0000	0.0000
Fe-52	1.7379	1.9391	2.3459	2.5551
Fe-53	0.5621	0.6427	0.7126	0.7485
Fe-53m	3.5699	4.1810	4.5137	4.5710
Fe-55	0.1101	0.1636	0.4977	0.6711
Fe-59	1.3329	1.5630	1.6888	1.7037
Fe-60	0.0000	0.0000	0.0000	0.0000
Fe-61	1.8173	2.1148	2.2937	2.3418
Fe-62	1.2192	1.4095	1.5343	1.5782
Fm-251	2.0246	2.3762	3.3346	3.7278
Fm-252	0.0787	0.1026	0.1897	0.2207
Fm-253	1.6015	1.9467	3.0557	3.4796
Fm-254	0.0891	0.1147	0.2036	0.2353
Fm-255	0.8219	1.0812	2.0989	2.4825
Fm-256	17.6918	20.4122	22.3501	23.0452
Fm-257	2.1290	2.5149	3.5820	4.0001
Fr-212	3.3870	3.9535	5.0888	5.6508
Fr-219	0.0167	0.0191	0.0224	0.0244
Fr-220	0.2498	0.3034	0.4928	0.5874
Fr-221	0.2617	0.2970	0.3624	0.3989

Nuclide	avg400	ctr400	mid400	cnr400
Fr-222	1.5705	1.8315	2.4930	2.7858
Fr-223	1.3324	1.5414	2.1644	2.4876
Fr-224	1.7003	1.9676	2.4293	2.6326
Fr-227	2.9793	3.4029	4.1906	4.6424
Ga-64	1.8118	2.1385	2.3187	2.3413
Ga-65	1.8363	2.0857	2.6630	2.9898
Ga-66	1.2934	1.5626	1.9971	2.1666
Ga-67	1.8045	2.1261	3.2843	3.9295
Ga-68	0.0728	0.0938	0.1799	0.2230
Ga-70	0.0144	0.0169	0.0217	0.0240
Ga-72	2.7252	3.1970	3.4460	3.5041
Ga-73	1.9275	2.3074	3.5571	4.2519
Ga-74	3.0279	3.5433	3.8270	3.8629
Gd-142	1.5878	1.8009	2.1120	2.3259
Gd-143m	4.0375	4.5923	5.3095	5.7934
Gd-144	1.1445	1.2997	1.5722	1.7738
Gd-145m	1.4125	1.6526	2.0334	2.2338
Gd-145	2.3645	2.7365	3.1500	3.3924
Gd-146	5.5062	6.1236	7.4265	8.3963
Gd-147	4.8089	5.4590	6.3101	6.8820
Gd-148	0.0000	0.0000	0.0000	0.0000
Gd-149	3.8255	4.2963	5.1174	5.7249
Gd-150	0.0000	0.0000	0.0000	0.0000
Gd-151	1.7366	1.9637	2.6329	3.1096
Gd-152	0.0000	0.0000	0.0000	0.0000
Gd-153	3.0482	3.3911	4.1700	4.7969
Gd-159	0.5343	0.5974	0.7224	0.8189
Gd-162	1.3654	1.5691	1.8198	1.9442
Ge-66	2.4997	2.9149	4.1146	4.7997
Ge-67	1.8160	2.0385	2.3612	2.5173
Ge-68	0.2711	0.4029	1.2225	1.6473
Ge-69	1.1268	1.3847	2.1128	2.4631
Ge-71	0.2750	0.4086	1.2400	1.6708
Ge-75	0.1889	0.2122	0.2363	0.2512
Ge-77	3.1799	3.6141	4.0040	4.1973
Ge-78	1.3963	1.5749	1.7389	1.8511
H-3	0.0000	0.0000	0.0000	0.0000
Hf-167	1.9560	2.2002	2.6428	2.9840
Hf-169	2.8447	3.2138	3.8771	4.3326
Hf-170	4.0019	4.5067	5.7273	6.5248

Nuclide	avg400	ctr400	mid400	cnr400
Hf-172	3.2971	3.7536	5.2074	6.1555
Hf-173	4.8871	5.4565	6.5325	7.2632
Hf-174	0.0000	0.0000	0.0000	0.0000
Hf-175	3.0391	3.4188	4.1805	4.7457
Hf-177m	15.6151	17.6046	20.8979	23.1011
Hf-178m	10.8516	12.3217	14.4830	15.8338
Hf-179m	6.5730	7.4265	9.0911	10.1480
Hf-180m	5.7449	6.4952	7.6571	8.4460
Hf-181	2.7880	3.1672	3.7762	4.1293
Hf-182	1.5943	1.7915	2.0772	2.2694
Hf-182m	5.0292	5.6953	6.9168	7.7216
Hf-183	2.5733	2.9216	3.3187	3.6468
Hf-184	2.7132	3.1705	4.7626	5.6675
Hg-190	3.6722	4.1866	5.5728	6.4611
Hg-191m	5.4901	6.3104	7.8542	8.8305
Hg-192	3.5410	4.0636	5.4570	6.3898
Hg-193	3.4699	4.0103	5.2579	6.0647
Hg-193m	3.2888	3.7920	4.7045	5.2915
Hg-194	0.1681	0.2489	0.7036	0.9263
Hg-195	2.2296	2.5977	3.7465	4.4944
Hg-195m	2.1072	2.5301	4.0759	4.9463
Hg-197	2.1035	2.4453	3.5574	4.3034
Hg-197m	1.7917	2.1025	3.1403	3.7304
Hg-199m	2.5086	2.8718	3.8690	4.4845
Hg-203	1.4256	1.6157	1.8742	2.0528
Hg-205	0.0507	0.0571	0.0685	0.0757
Hg-206	0.6811	0.7777	0.9151	1.0164
Hg-207	3.6630	4.2627	4.7830	5.0302
Ho-150	1.9300	2.2332	2.4672	2.5909
Ho-153	2.7452	3.0969	3.5947	3.9568
Ho-153m	3.2815	3.6851	4.3540	4.7922
Ho-154m	6.0294	6.8885	7.7154	8.2004
Ho-154	3.1681	3.6235	4.0666	4.3428
Ho-155	2.8653	3.2185	3.9700	4.4808
Ho-156	4.7675	5.3988	6.2268	6.7175
Ho-157	4.4207	4.9484	6.0199	6.7928
Ho-159	5.0630	5.6374	6.8117	7.6397
Ho-160	4.8483	5.5263	6.4827	7.0848
Ho-161	2.0943	2.3737	3.1608	3.6825
Ho-162	1.8785	2.0988	2.6953	3.1349

Nuclide	avg400	ctr400	mid400	cnr400
Ho-162m	3.1446	3.5616	4.5611	5.2085
Ho-163	0.0044	0.0066	0.0200	0.0269
Ho-164	1.0664	1.1887	1.5424	1.8025
Ho-164m	1.8109	2.0663	3.0248	3.6372
Ho-166	0.3723	0.4247	0.5917	0.7027
Ho-166m	5.0545	5.7575	6.6312	7.1415
Ho-167	1.9504	2.2072	2.5386	2.7739
Ho-168	1.8689	2.1586	2.5048	2.7050
Ho-168m	0.2975	0.3541	0.6206	0.7747
Ho-170	4.6144	5.2650	6.1256	6.6202
I-118m	5.2579	6.0957	6.6870	6.8602
I-118	1.7998	2.0902	2.2937	2.3498
I-119	2.0461	2.3334	2.7307	2.9333
I-120	2.2862	2.6754	2.9830	3.0665
I-120m	4.5793	5.3214	5.8625	6.0108
I-121	2.4691	2.8211	3.3817	3.6539
I-122	0.4954	0.5784	0.6907	0.7365
I-123	2.5818	2.9330	3.6060	3.9186
I-124	1.9412	2.2690	2.6786	2.8359
I-125	1.8974	2.2326	2.9763	3.3160
I-126	1.4522	1.6841	1.9818	2.1091
I-128	0.2451	0.2836	0.3294	0.3487
I-129	1.0822	1.2471	1.6368	1.8285
I-130m	0.4612	0.5419	0.7072	0.7820
I-130	4.0735	4.7153	5.1200	5.2540
I-131	1.6287	1.8678	2.0190	2.0908
I-132	3.6130	4.1988	4.5430	4.6540
I-132m	1.2361	1.4432	1.8264	1.9962
I-133	1.2863	1.4886	1.6202	1.6631
I-134m	2.4097	2.7527	3.3242	3.6258
I-134	3.7941	4.4208	4.7889	4.9090
I-135	1.6820	1.9719	2.1288	2.1535
In-103	2.8982	3.3427	3.7052	3.8374
In-105	2.7457	3.1583	3.5819	3.7397
In-106	4.4998	5.2421	5.7547	5.9025
In-106m	2.0602	2.4095	2.6410	2.6841
In-107	2.5101	2.9212	3.4069	3.5946
In-108	6.0918	7.1103	7.9646	8.2408
In-108m	2.2651	2.6692	3.0329	3.1204
In-109	2.7323	3.1622	3.7904	4.0577

Nuclide	avg400	ctr400	mid400	cnr400
In-109m	1.1792	1.3660	1.5013	1.5396
In-110	5.5720	6.5343	7.3951	7.6728
In-110m	1.6738	1.9617	2.2486	2.3356
In-111	3.8127	4.3412	5.2049	5.5901
In-111m	1.1655	1.3530	1.5085	1.5630
In-112	0.3567	0.4313	0.5788	0.6315
In-112m	0.8806	1.0446	1.3803	1.5227
In-113m	1.1162	1.2940	1.5166	1.6117
In-114	0.0066	0.0080	0.0102	0.0110
In-114m	0.7575	0.8910	1.1419	1.2516
In-115	0.0000	0.0000	0.0000	0.0000
In-115m	1.0071	1.1778	1.4186	1.5414
In-116m	2.7232	3.1892	3.4477	3.4872
In-117	2.8368	3.2040	3.6183	3.7982
In-117m	0.7747	0.8907	1.0683	1.1587
In-118m	3.3997	3.9784	4.3019	4.3547
In-118	0.0836	0.0982	0.1058	0.1065
In-119	1.3975	1.6444	1.8848	1.9910
In-119m	0.1897	0.2277	0.2962	0.3253
In-121	1.3809	1.6100	1.7473	1.7912
In-121m	0.8663	0.9989	1.2293	1.3778
Ir-180	3.9045	4.4653	5.4223	6.0195
Ir-182	3.8564	4.4008	5.4112	6.0478
Ir-183	4.1615	4.7738	6.1422	7.0773
Ir-184	5.7406	6.5767	8.0401	8.9606
Ir-185	3.8796	4.4886	6.2456	7.3850
Ir-186	5.5848	6.3875	7.7808	8.6893
Ir-186m	3.2602	3.7456	4.6019	5.1544
Ir-187	2.7470	3.1581	4.3408	5.1607
Ir-188	4.0895	4.7042	5.7753	6.4499
Ir-189	1.9658	2.2671	3.3082	4.0236
Ir-190	5.9854	6.8304	8.1582	8.9947
Ir-190m	0.1545	0.2294	0.6862	0.9204
Ir-190n	1.6717	1.9097	2.6742	3.2285
Ir-191m	1.8456	2.1525	3.2324	3.8977
Ir-192	3.1707	3.6228	4.0525	4.3561
Ir-192m	0.1821	0.2699	0.7784	1.0321
Ir-192n	0.3912	0.5752	1.6326	2.1607
Ir-193m	0.1618	0.2370	0.6893	0.9215
Ir-194	0.2874	0.3290	0.3646	0.3898

Nuclide	avg400	ctr400	mid400	cnr400
Ir-194m	6.5676	7.5520	8.4403	8.9127
Ir-195	1.5518	1.7936	2.5801	3.1008
Ir-195m	2.3128	2.6540	3.3872	3.8601
Ir-196	0.5737	0.6599	0.7296	0.7714
Ir-196m	7.0972	8.1683	9.3277	9.9000
K-38	1.2083	1.4354	1.5416	1.5329
K-40	0.1338	0.1587	0.1766	0.1805
K-42	0.2285	0.2700	0.2886	0.2897
K-43	2.4810	2.8434	3.1040	3.2109
K-44	1.8769	2.2128	2.3816	2.3894
K-45	2.4974	2.8574	3.1475	3.2459
K-46	1.8567	2.1966	2.3531	2.3453
Kr-74	2.4050	2.7486	3.4662	3.8779
Kr-75	2.1636	2.4492	2.9612	3.1884
Kr-76	2.4833	2.9583	4.2029	4.8066
Kr-77	2.3510	2.6463	3.1572	3.3830
Kr-79	0.9399	1.1872	2.0295	2.3943
Kr-81	0.3645	0.5370	1.3344	1.6748
Kr-81m	1.2307	1.4102	1.7928	1.9648
Kr-83m	0.1574	0.2319	0.5901	0.7475
Kr-85	0.0053	0.0061	0.0067	0.0069
Kr-85m	1.5495	1.7318	2.0283	2.1689
Kr-87	1.0279	1.1894	1.2950	1.3248
Kr-88	1.8507	2.1690	2.4494	2.5246
Kr-89	2.1922	2.5484	2.7745	2.8370
La-128	4.1823	4.8165	5.3235	5.5400
La-129	2.0735	2.3494	2.7632	2.9735
La-130	3.0593	3.5299	3.9303	4.1040
La-131	2.7662	3.1357	3.7389	4.0390
La-132	2.8531	3.2987	3.7587	3.9334
La-132m	2.8061	3.1898	3.7712	4.0508
La-133	1.2555	1.4504	2.0019	2.2714
La-134	0.5014	0.5737	0.7341	0.8087
La-135	1.1315	1.2905	1.7022	1.8998
La-136	0.7580	0.8653	1.1342	1.2631
La-137	1.0703	1.2209	1.6205	1.8127
La-138	1.7887	2.0861	2.4156	2.5448
La-140	2.6861	3.1385	3.3902	3.4676
La-141	0.0237	0.0279	0.0300	0.0300
La-142	1.8831	2.2121	2.3848	2.3978

Nuclide	avg400	ctr400	mid400	cnr400
La-143	0.2694	0.3155	0.3406	0.3445
Lu-165	4.3061	4.8355	5.8360	6.5013
Lu-167	4.4661	5.0907	6.2235	6.9000
Lu-169m	0.1112	0.1652	0.5019	0.6765
Lu-169	4.2790	4.8441	5.8806	6.5500
Lu-170	3.9498	4.5374	5.4320	5.9494
Lu-171m	0.1262	0.1838	0.5387	0.7237
Lu-171	3.9187	4.4790	5.9667	6.8928
Lu-172	5.4439	6.2197	7.5101	8.2953
Lu-172m	0.1000	0.1485	0.4512	0.6083
Lu-173	3.7737	4.1970	5.2758	6.0772
Lu-174	1.8560	2.0843	2.7828	3.2684
Lu-174m	1.9717	2.2674	3.4139	4.1512
Lu-176	3.5715	4.0434	4.8783	5.4386
Lu-176m	0.4181	0.4842	0.7284	0.8829
Lu-177	0.4265	0.4787	0.5887	0.6574
Lu-177m	8.4398	9.4703	11.3206	12.5415
Lu-178	0.3904	0.4512	0.6035	0.6944
Lu-178m	6.8079	7.6798	8.9769	9.8860
Lu-179	0.2235	0.2496	0.2839	0.3049
Lu-180	3.1282	3.6024	4.1871	4.4915
Lu-181	2.5846	2.9667	3.8251	4.3343
Mg-27	1.2527	1.4649	1.5809	1.6201
Mg-28	2.5910	3.0005	3.4098	3.5430
Mn-50m	4.1444	4.8596	5.2345	5.3138
Mn-51	0.0090	0.0114	0.0199	0.0242
Mn-52	3.7672	4.4359	4.9599	5.1363
Mn-52m	1.2410	1.4651	1.5738	1.5808
Mn-53	0.0897	0.1332	0.4053	0.5465
Mn-54	1.3059	1.5552	1.9352	2.1229
Mn-56	1.7401	2.0434	2.1971	2.2400
Mn-57	0.6170	0.7565	1.2702	1.5098
Mn-58m	2.7687	3.2439	3.4892	3.5537
Mo-101	2.2715	2.6431	3.0033	3.1372
Mo-102	0.1632	0.1820	0.2069	0.2190
Mo-89	0.2763	0.3259	0.3685	0.3776
Mo-90	3.6431	4.2166	5.3208	5.6886
Mo-91m	1.1862	1.3910	1.5414	1.5695
Mo-91	0.0457	0.0584	0.0952	0.1040
Mo-93	0.5279	0.6906	1.2425	1.3782

Nuclide	avg400	ctr400	mid400	cnr400
Mo-93m	3.4508	4.0241	4.5289	4.6741
Mo-99	0.4478	0.5135	0.5895	0.6206
N-13	0.0000	0.0000	0.0000	0.0000
N-16	0.8473	1.0186	1.0782	1.0518
Na-22	1.2446	1.4665	1.5753	1.5780
Na-24	2.4324	2.8874	3.0875	3.0637
Nb-87	2.3981	2.7447	3.4206	3.6729
Nb-88m	4.5702	5.3218	5.8177	5.9421
Nb-88	5.8341	6.8116	7.7607	8.0681
Nb-89	0.5235	0.6374	0.8192	0.8584
Nb-89m	1.1957	1.4015	1.6329	1.7036
Nb-90	4.2414	4.9774	5.8491	6.0512
Nb-91	0.5074	0.6758	1.2749	1.4329
Nb-91m	0.4826	0.6263	1.1018	1.2202
Nb-92	2.9695	3.5371	4.3611	4.5826
Nb-92m	1.7970	2.1864	2.9119	3.1029
Nb-93m	0.1004	0.1325	0.2498	0.2838
Nb-94m	0.3667	0.4790	0.8603	0.9563
Nb-94	2.4109	2.8092	3.0328	3.1112
Nb-95	1.1969	1.3954	1.5007	1.5484
Nb-95m	0.7512	0.9066	1.3273	1.4473
Nb-96	3.9133	4.5525	4.9270	5.0540
Nb-97	1.2076	1.3970	1.5160	1.5475
Nb-98m	3.8184	4.4560	4.8114	4.9354
Nb-99	2.7906	3.1516	3.8007	4.0476
Nb-99m	0.9110	1.0597	1.1946	1.2332
Nd-134	3.1037	3.4765	4.1410	4.5556
Nd-135	3.3948	3.8387	4.5827	5.0557
Nd-136	2.9724	3.3483	4.1634	4.7071
Nd-137	3.1076	3.5396	4.2002	4.6423
Nd-138	1.2654	1.4299	1.8464	2.1301
Nd-139	1.1996	1.3625	1.7018	1.9216
Nd-139m	4.5543	5.2032	6.0571	6.5541
Nd-140	1.1621	1.3134	1.7140	1.9862
Nd-141	1.1843	1.3391	1.7379	2.0082
Nd-141m	1.1964	1.3899	1.5209	1.5881
Nd-144	0.0000	0.0000	0.0000	0.0000
Nd-147	1.5154	1.6982	2.0246	2.2856
Nd-149	2.4436	2.7426	3.1553	3.4292
Nd-151	2.7974	3.1647	3.5581	3.7800

Nuclide	avg400	ctr400	mid400	cnr400
Nd-152	0.9705	1.1076	1.3502	1.4843
Ne-19	0.0003	0.0003	0.0003	0.0004
Ne-24	1.3318	1.5353	1.6738	1.7251
Ni-56	4.6210	5.3070	6.3197	6.8240
Ni-57	1.6308	1.9311	2.3419	2.4995
Ni-59	0.1555	0.2310	0.7027	0.9475
Ni-63	0.0000	0.0000	0.0000	0.0000
Ni-65	0.5690	0.6682	0.7192	0.7265
Ni-66	0.0000	0.0000	0.0000	0.0000
Np-232	4.5629	5.3538	6.9317	7.6213
Np-233	1.8048	2.0982	2.8807	3.2280
Np-234	2.6975	3.2012	4.3126	4.7534
Np-235	0.3604	0.4968	1.0832	1.3127
Np-236	3.3376	4.0242	6.2461	7.1285
Np-236m	0.9785	1.1496	1.6346	1.8422
Np-237	1.1138	1.3871	2.3416	2.7317
Np-238	1.1058	1.3528	1.8857	2.0643
Np-239	2.6005	3.0353	4.2006	4.7048
Np-240	3.5354	4.2228	5.7821	6.3577
Np-240m	0.9038	1.1014	1.5709	1.7371
Np-241	0.6698	0.7818	1.0835	1.2076
Np-242	0.3419	0.4093	0.5046	0.5354
Np-242m	2.9106	3.5172	4.9940	5.5464
O-14	1.1984	1.4263	1.5274	1.5115
O-15	0.0000	0.0000	0.0000	0.0000
O-19	2.2826	2.5843	2.8454	2.9643
Os-180	2.1607	2.5041	3.6639	4.4131
Os-181	5.0410	5.7541	7.1614	8.1158
Os-182	3.3522	3.8272	5.0216	5.8044
Os-183	5.0223	5.6862	7.1639	8.2315
Os-183m	2.7662	3.1843	3.9966	4.5348
Os-185	2.6875	3.0768	3.8562	4.3829
Os-186	0.0000	0.0000	0.0000	0.0000
Os-189m	0.1473	0.2189	0.6578	0.8836
Os-190m	5.3906	6.2107	7.4711	8.1278
Os-191	2.0118	2.3341	3.4257	4.1108
Os-191m	0.3192	0.4109	0.8952	1.1627
Os-193	0.6162	0.7104	0.9687	1.1342
Os-194	0.2235	0.2971	0.6943	0.9029
Os-196	0.6527	0.7397	0.9139	1.0365

Nuclide	avg400	ctr400	mid400	cnr400
P-30	0.0009	0.0011	0.0012	0.0012
P-32	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000
Pa-227	0.6460	0.7799	1.2322	1.4438
Pa-228	4.6687	5.5379	7.5119	8.3581
Pa-229	1.5459	1.8195	2.6188	2.9921
Pa-230	2.7254	3.2320	4.4322	4.9482
Pa-231	0.8383	1.0967	2.1191	2.5468
Pa-232	2.2890	2.7358	3.6239	3.9501
Pa-233	2.0218	2.3983	3.3844	3.8244
Pa-234	4.6482	5.4958	7.2757	7.9790
Pa-234m	0.0374	0.0445	0.0582	0.0635
Pa-235	0.0527	0.0783	0.2375	0.3199
Pa-236	1.5995	1.9159	2.5123	2.7222
Pa-237	1.0956	1.2872	1.5101	1.6086
Pb-194	4.1016	4.7192	5.8845	6.6385
Pb-195m	5.3355	6.2077	7.8465	8.7753
Pb-196	3.7656	4.3118	5.4735	6.2535
Pb-197	3.7733	4.3622	5.3006	5.8832
Pb-197m	4.7899	5.5432	7.0052	7.8725
Pb-198	3.6161	4.1420	5.2836	6.0481
Pb-199	3.2487	3.7491	4.6386	5.2172
Pb-200	3.3453	3.8363	5.1246	5.9514
Pb-201	3.6846	4.2381	5.2367	5.9219
Pb-201m	1.3199	1.5282	1.9062	2.1254
Pb-202	0.1574	0.2336	0.6739	0.8932
Pb-202m	4.0706	4.7355	5.4304	5.7419
Pb-203	3.0912	3.5347	4.4999	5.1683
Pb-204m	3.7561	4.3605	4.8164	5.0211
Pb-205	0.1594	0.2364	0.6821	0.9040
Pb-209	0.0000	0.0000	0.0000	0.0000
Pb-210	0.2677	0.3652	0.8301	1.0452
Pb-211	0.1561	0.1804	0.2054	0.2182
Pb-212	1.4856	1.6914	2.1079	2.3777
Pb-214	1.4857	1.7093	2.1050	2.3521
Pd-100	3.4825	4.0270	5.0884	5.5888
Pd-101	1.9819	2.4021	3.3075	3.5378
Pd-103	0.7008	0.8751	1.3331	1.4373
Pd-107	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.1930	1.3601	1.6469	1.7595

Nuclide	avg400	ctr400	mid400	cnr400
Pd-109	0.4454	0.5417	0.7700	0.8528
Pd-111	0.0982	0.1135	0.1264	0.1323
Pd-112	0.2513	0.3225	0.5497	0.6074
Pd-114	0.2134	0.2394	0.2696	0.2840
Pd-96	3.2578	3.7769	4.4197	4.6090
Pd-97	2.6877	3.1295	3.5493	3.6791
Pd-98	2.8895	3.3390	4.1410	4.4065
Pd-99	2.7390	3.1461	3.7107	3.8870
Pm-136	3.9029	4.4987	4.9280	5.1358
Pm-137m	5.0390	5.6898	6.5541	7.0881
Pm-139	0.8997	1.0240	1.2178	1.3444
Pm-140m	4.3044	4.9829	5.5199	5.7611
Pm-140	0.3379	0.3878	0.4534	0.4931
Pm-141	0.8337	0.9486	1.1747	1.3295
Pm-142	0.3371	0.3826	0.4823	0.5527
Pm-143	1.6579	1.8856	2.3313	2.6448
Pm-144	4.1834	4.8011	5.5052	5.8957
Pm-145	1.2334	1.3913	1.8156	2.1266
Pm-146	2.3228	2.6610	3.0829	3.3408
Pm-147	0.0001	0.0001	0.0001	0.0001
Pm-148	0.7236	0.8455	0.9133	0.9282
Pm-148m	4.1756	4.8159	5.2770	5.4533
Pm-149	0.0537	0.0612	0.0707	0.0770
Pm-150	2.3369	2.7079	2.9388	3.0465
Pm-151	1.9195	2.1617	2.5055	2.7516
Pm-152m	4.2617	4.8431	5.4651	5.8174
Pm-152	0.8047	0.9153	1.0465	1.1216
Pm-153	1.2829	1.4404	1.7530	1.9492
Pm-154	2.2982	2.6662	3.0290	3.2241
Pm-154m	4.0309	4.6004	5.2339	5.6241
Po-203	4.1421	4.8175	5.9679	6.6241
Po-204	5.8289	6.7962	9.0431	10.3696
Po-205	3.9813	4.6303	5.6857	6.3079
Po-206	4.5683	5.3614	7.0548	7.9991
Po-207	3.6310	4.2155	5.1719	5.7373
Po-208	0.0001	0.0001	0.0002	0.0002
Po-209	0.0344	0.0421	0.0717	0.0879
Po-210	0.0000	0.0000	0.0000	0.0000
Po-211	0.0141	0.0164	0.0179	0.0184
Po-212m	0.0561	0.0660	0.0713	0.0716

Nuclide	avg400	ctr400	mid400	cnr400
Po-212	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0001	0.0001	0.0001
Po-214	0.0001	0.0001	0.0002	0.0002
Po-215	0.0005	0.0006	0.0007	0.0007
Po-216	0.0000	0.0000	0.0000	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000
Pr-134	5.5168	6.3343	7.0183	7.3278
Pr-134m	2.5166	2.9031	3.2243	3.3486
Pr-135	2.2866	2.5892	3.1023	3.4360
Pr-136	2.8391	3.2840	3.6924	3.8603
Pr-137	1.0196	1.1586	1.4792	1.6737
Pr-138	0.3430	0.3905	0.4967	0.5612
Pr-138m	4.8893	5.6418	6.3786	6.7791
Pr-139	1.0843	1.2292	1.6030	1.8336
Pr-140	0.5783	0.6555	0.8549	0.9782
Pr-142	0.0456	0.0540	0.0577	0.0579
Pr-142m	0.0071	0.0105	0.0319	0.0430
Pr-143	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0282	0.0331	0.0356	0.0361
Pr-144m	0.4859	0.5588	0.7983	0.9480
Pr-145	0.0448	0.0514	0.0587	0.0635
Pr-146	1.3510	1.5717	1.7034	1.7399
Pr-147	2.8842	3.2596	3.9123	4.3894
Pr-148	1.7745	2.0459	2.2298	2.3270
Pr-148m	2.6367	3.0183	3.3043	3.4761
Pt-184	6.9760	7.9637	10.5177	12.2556
Pt-186	3.4887	3.9976	5.1202	5.8975
Pt-187	4.3806	5.0061	6.5639	7.6543
Pt-188	3.0486	3.4823	4.7141	5.5643
Pt-189	4.0465	4.6361	6.1912	7.2771
Pt-190	0.0000	0.0000	0.0000	0.0000
Pt-191	3.7111	4.2380	5.6693	6.7038
Pt-193	0.1644	0.2440	0.7128	0.9487
Pt-193m	0.4717	0.5943	1.1896	1.5213
Pt-195m	2.2381	2.6438	4.1868	5.1329
Pt-197	0.5953	0.7126	1.1497	1.4057
Pt-197m	1.4266	1.7017	2.7381	3.3608
Pt-199	0.6954	0.8008	0.9551	1.0419
Pt-200	1.1397	1.3271	1.9303	2.3100
Pt-202	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Pu-232	1.3405	1.5581	2.1403	2.3895
Pu-234	1.4952	1.7478	2.4504	2.7478
Pu-235	1.9611	2.3068	3.3051	3.7242
Pu-236	0.1161	0.1587	0.3325	0.3963
Pu-237	1.2954	1.5501	2.3578	2.6945
Pu-238	0.1068	0.1461	0.3070	0.3660
Pu-239	0.0561	0.0777	0.1769	0.2181
Pu-240	0.1006	0.1376	0.2887	0.3442
Pu-241	0.0000	0.0000	0.0001	0.0001
Pu-242	0.0862	0.1180	0.2476	0.2951
Pu-243	0.6051	0.7005	0.9331	1.0648
Pu-244	0.0990	0.1295	0.2399	0.2804
Pu-245	1.5822	1.8283	2.2030	2.3709
Pu-246	2.3081	2.6630	3.5536	3.9652
Ra-219	1.0667	1.2251	1.4718	1.6350
Ra-220	0.0130	0.0150	0.0166	0.0172
Ra-221	0.7017	0.8412	1.3102	1.5282
Ra-222	0.0416	0.0476	0.0534	0.0577
Ra-223	1.7671	2.0383	2.7018	3.0860
Ra-224	0.0715	0.0808	0.0958	0.1038
Ra-225	0.5893	0.6922	1.0231	1.2197
Ra-226	1.3490	1.5869	1.7415	1.7346
Ra-227	1.3325	1.6366	2.5987	3.0159
Ra-228	1.4143	1.6664	1.7964	1.7946
Ra-230	0.8757	1.0131	1.3566	1.5450
Rb-77	2.3573	2.6654	3.0797	3.3847
Rb-78m	3.1836	3.6981	4.0441	4.1423
Rb-78	2.3759	2.7966	3.0994	3.1570
Rb-79	2.4503	2.8327	3.5164	3.7953
Rb-80	0.3560	0.4134	0.4608	0.4740
Rb-81	0.8277	1.0443	1.6589	1.8929
Rb-81m	0.4446	0.6004	1.1600	1.3630
Rb-82	0.2130	0.2542	0.3062	0.3271
Rb-82m	4.3750	5.1867	6.1724	6.5178
Rb-83	1.5095	1.8708	2.7724	3.1145
Rb-84	1.1414	1.4172	2.0252	2.2538
Rb-84m	1.9049	2.1887	2.6415	2.8367
Rb-86m	1.1991	1.3874	1.5210	1.5618
Rb-86	0.1109	0.1301	0.1409	0.1424
Rb-87	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Rb-88	0.4953	0.5845	0.6284	0.6331
Rb-89	2.1250	2.4987	2.6968	2.7149
Rb-90	1.1269	1.3307	1.4267	1.4345
Rb-90m	2.5721	3.0312	3.2680	3.3128
Re-178	3.5824	4.0960	5.1440	5.8048
Re-179	4.3875	5.0013	6.1536	6.9268
Re-180	3.7270	4.2803	5.4333	6.1856
Re-181	4.4114	5.0297	6.3787	7.3095
Re-182	8.8151	9.9989	12.4612	14.1195
Re-182m	4.6613	5.3041	6.6560	7.6152
Re-183	3.5075	3.9890	5.5458	6.6028
Re-184	3.3762	3.8659	4.8736	5.5556
Re-184m	3.0911	3.5433	4.8271	5.6588
Re-186	0.3982	0.4512	0.5981	0.6924
Re-186m	0.8556	1.0937	2.3538	3.0469
Re-187	0.0000	0.0000	0.0000	0.0000
Re-188	0.4403	0.4967	0.6215	0.6938
Re-188m	2.0849	2.4069	3.5746	4.3517
Re-189	0.4755	0.5427	0.7093	0.8088
Re-190	4.0741	4.6456	5.2378	5.5460
Re-190m	3.6499	4.1718	5.0263	5.5386
Rh-100m	1.1905	1.4467	2.0815	2.2607
Rh-100	3.5515	4.2118	4.9554	5.1134
Rh-101	3.3500	3.8411	4.7118	5.0006
Rh-101m	1.8599	2.1977	2.8093	3.0196
Rh-102	1.1835	1.4107	1.7976	1.8938
Rh-102m	4.5417	5.3309	6.2077	6.4354
Rh-103m	0.0860	0.1097	0.1906	0.2185
Rh-104	0.0289	0.0337	0.0386	0.0399
Rh-104m	1.6459	1.8933	2.4517	2.6757
Rh-105	0.3381	0.3857	0.4213	0.4511
Rh-106	0.4183	0.4841	0.5269	0.5395
Rh-106m	4.6475	5.3964	5.8543	5.9968
Rh-107	1.3125	1.4941	1.6387	1.7432
Rh-108	0.8023	0.9219	1.0087	1.0391
Rh-109	1.5251	1.7359	1.9558	2.0830
Rh-94	2.9842	3.4959	3.7730	3.8314
Rh-95	2.0894	2.4677	2.7836	2.8454
Rh-95m	1.2466	1.4531	1.6207	1.6652
Rh-96	4.7986	5.6074	6.1867	6.3454

Nuclide	avg400	ctr400	mid400	cnr400
Rh-96m	1.2843	1.5317	1.8302	1.9031
Rh-97	1.8266	2.1378	2.5038	2.6071
Rh-97m	3.0343	3.5577	4.2276	4.4008
Rh-98	1.4257	1.6603	1.8414	1.8829
Rh-99	2.8164	3.3120	4.2036	4.4973
Rh-99m	2.0987	2.4799	3.0970	3.2907
Rn-207	3.1190	3.6029	4.3519	4.7904
Rn-209	3.4868	4.0345	4.8965	5.3829
Rn-210	0.2510	0.2926	0.3763	0.4219
Rn-211	4.1883	4.8807	5.8885	6.3879
Rn-212	0.0006	0.0007	0.0008	0.0008
Rn-215	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0015	0.0018	0.0019	0.0020
Rn-219	0.2843	0.3233	0.3731	0.4020
Rn-220	1.4966	1.7418	1.8454	1.9736
Rn-222	0.0010	0.0011	0.0012	0.0013
Rn-223	1.5543	1.8531	2.6658	3.0465
Ru-103	1.2214	1.4114	1.5423	1.5885
Ru-105	1.7973	2.0795	2.3323	2.4269
Ru-106	0.0000	0.0000	0.0000	0.0000
Ru-107	0.7515	0.8620	0.9500	0.9861
Ru-108	0.7581	0.8487	1.0066	1.0765
Ru-92	6.7146	7.7097	9.3654	9.9726
Ru-94	1.9430	2.3102	2.9682	3.1599
Ru-95	2.5947	3.0615	3.7146	3.9169
Ru-97	2.1442	2.4987	3.2193	3.4525
S-35	0.0000	0.0000	0.0000	0.0000
S-37	1.1165	1.3355	1.4234	1.3966
S-38	1.0568	1.2522	1.3469	1.3468
Sb-111	2.4054	2.7321	3.1242	3.2983
Sb-113	1.7171	1.9984	2.2818	2.4092
Sb-114	2.1155	2.4911	2.7412	2.8003
Sb-115	1.8492	2.1673	2.5451	2.7059
Sb-116	2.0208	2.3924	2.7103	2.8006
Sb-116m	5.9996	6.9819	7.9650	8.3363
Sb-117	2.4787	2.8347	3.4851	3.7934
Sb-118	0.2870	0.3444	0.4475	0.4935
Sb-118m	5.9567	6.9352	8.0759	8.5950

Nuclide	avg400	ctr400	mid400	cnr400
Sb-119	1.0702	1.2980	1.7999	2.0289
Sb-120	0.5450	0.6564	0.8771	0.9784
Sb-120m	6.6124	7.6062	8.6696	9.1968
Sb-122m	2.3768	2.7013	3.3170	3.7747
Sb-122	0.9488	1.0978	1.2013	1.2331
Sb-124	2.2964	2.6760	2.8938	2.9365
Sb-124m	0.9323	1.0836	1.2353	1.2926
Sb-124n	0.0246	0.0366	0.1112	0.1500
Sb-125	1.8057	2.0870	2.4752	2.6430
Sb-126	5.2897	6.1136	6.6432	6.8259
Sb-126m	3.1899	3.6800	4.0164	4.1321
Sb-127	1.5417	1.7772	1.9497	2.0220
Sb-128	5.8771	6.8028	7.3725	7.6249
Sb-128m	3.8264	4.4264	4.7927	5.0025
Sb-129	2.0510	2.3905	2.5863	2.6501
Sb-130m	4.4944	5.2110	5.6768	5.8678
Sb-130	6.5476	7.5469	8.2478	8.5934
Sb-131	2.5898	3.0226	3.2763	3.3391
Sb-133	2.7134	3.1848	3.4335	3.4737
Sc-42m	3.7420	4.3720	4.7213	4.7845
Sc-43	0.2979	0.3415	0.3889	0.4145
Sc-44	1.2805	1.5063	1.6324	1.6467
Sc-44m	1.2658	1.4289	1.5965	1.7013
Sc-46	2.5170	2.9511	3.1866	3.2381
Sc-47	1.1751	1.2952	1.4819	1.5746
Sc-48	3.9510	4.6320	5.0133	5.0699
Sc-49	0.0007	0.0009	0.0009	0.0009
Sc-50	3.6130	4.2344	4.5663	4.6197
Se-70	2.2247	2.6734	4.3701	5.2501
Se-71	1.5629	1.7790	2.0248	2.1283
Se-72	1.4631	1.7809	3.2482	4.0557
Se-73	2.7905	3.1864	3.9669	4.5297
Se-73m	0.3132	0.3830	0.6322	0.7606
Se-75	3.1804	3.6882	5.0679	5.7690
Se-77m	1.0701	1.2401	1.7775	2.0323
Se-79m	0.4563	0.6085	1.3237	1.6633
Se-79	0.0000	0.0000	0.0000	0.0000
Se-81	0.0254	0.0290	0.0318	0.0335
Se-81m	0.5228	0.6816	1.4057	1.7469
Se-83m	1.2646	1.4745	1.5992	1.6322

Nuclide	avg400	ctr400	mid400	cnr400
Se-83	4.2852	4.9532	5.3871	5.5569
Se-84	1.2942	1.4780	1.6226	1.6807
Si-31	0.0009	0.0010	0.0011	0.0011
Si-32	0.0000	0.0000	0.0000	0.0000
Sm-139	2.3272	2.6534	3.0175	3.2556
Sm-140	1.9477	2.2010	2.6741	3.0165
Sm-141	2.1061	2.4119	2.7674	2.9769
Sm-141m	4.4158	5.0312	5.7565	6.1983
Sm-142	1.1635	1.3080	1.6904	1.9917
Sm-143	0.7365	0.8303	1.0608	1.2397
Sm-143m	1.2040	1.3971	1.5334	1.6083
Sm-145	2.4503	2.7463	3.5067	4.1257
Sm-146	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0009	0.0013	0.0033	0.0042
Sm-153	1.7298	1.9221	2.3370	2.6722
Sm-155	1.8122	2.0040	2.2862	2.4776
Sm-156	1.4917	1.6779	2.0634	2.3227
Sm-157	2.2561	2.5286	2.8778	3.1079
Sn-106	3.4760	4.0284	4.7066	5.0015
Sn-108	3.4846	4.0188	4.7543	5.0870
Sn-109	2.9645	3.5072	4.0631	4.2464
Sn-110	2.1969	2.5538	3.0919	3.3603
Sn-111	0.7648	0.9220	1.2061	1.3198
Sn-113	0.8687	1.0523	1.4351	1.5943
Sn-113m	0.6150	0.7432	1.0186	1.1466
Sn-117m	2.3338	2.6571	3.2527	3.5370
Sn-119m	0.6960	0.8503	1.2188	1.3877
Sn-121	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.2321	0.2786	0.4045	0.4668
Sn-123	0.0082	0.0096	0.0104	0.0105
Sn-123m	1.6078	1.7845	2.0717	2.2123
Sn-125m	1.3584	1.5512	1.6937	1.8044
Sn-125	0.4174	0.4885	0.5283	0.5382
Sn-126	1.5252	1.7347	2.1250	2.3937
Sn-127m	1.2174	1.4086	1.5343	1.5771
Sn-127	2.7217	3.1637	3.4549	3.5451
Sn-128	3.9007	4.5179	5.4686	5.9687
Sn-129	1.5858	1.8395	1.9951	2.0333

Nuclide	avg400	ctr400	mid400	cnr400
Sn-130	3.9865	4.5382	5.1689	5.5577
Sn-130m	2.4207	2.7823	3.1829	3.3909
Sr-79	1.7000	1.9596	2.5040	2.7807
Sr-80	1.2762	1.5720	2.3180	2.5774
Sr-81	2.2490	2.5494	2.9781	3.1575
Sr-82	0.4114	0.5947	1.2946	1.5336
Sr-83	1.5282	1.9294	2.9797	3.3478
Sr-85	1.5868	1.9560	2.7900	3.0751
Sr-85m	1.5696	1.7755	2.1142	2.2767
Sr-87m	1.1293	1.3084	1.5453	1.6378
Sr-89	0.0001	0.0001	0.0002	0.0002
Sr-90	0.0000	0.0000	0.0000	0.0000
Sr-91	1.0205	1.1903	1.2889	1.3151
Sr-92	1.2885	1.5157	1.6296	1.6392
Sr-93	3.3931	3.9472	4.3850	4.5148
Sr-94	1.2835	1.5135	1.6220	1.6287
Ta-170	1.9155	2.1764	2.7928	3.1866
Ta-172	4.1146	4.6938	5.7366	6.3885
Ta-173	3.5733	4.0428	5.3087	6.1803
Ta-174	3.4409	3.8974	4.9286	5.6097
Ta-175	4.6945	5.3070	6.5180	7.3599
Ta-176	4.2072	4.8406	5.9317	6.5967
Ta-177	1.8441	2.0668	2.7196	3.2003
Ta-178	1.8919	2.1284	2.8360	3.3502
Ta-178m	8.6158	9.7091	11.5945	12.9500
Ta-179	0.8871	1.0135	1.4804	1.7928
Ta-180	1.5606	1.7534	2.3500	2.7856
Ta-182	3.7327	4.2595	5.1418	5.7268
Ta-182m	4.1232	4.6782	6.3301	7.3638
Ta-183	3.8316	4.3555	5.8318	6.7993
Ta-184	5.3376	6.1177	7.3252	8.0121
Ta-185	2.1039	2.3962	3.2724	3.8232
Ta-186	5.0735	5.7708	6.6191	7.0937
Tb-146	2.8798	3.3686	3.7074	3.8223
Tb-147m	2.2120	2.5507	2.9567	3.1945
Tb-147	3.8894	4.4506	5.0946	5.4519
Tb-148m	6.1962	7.1241	7.9623	8.4120
Tb-148	2.7484	3.1788	3.5727	3.7910
Tb-149m	2.9475	3.3702	3.8929	4.2466
Tb-149	3.5944	4.0838	4.7380	5.1594

Nuclide	avg400	ctr400	mid400	cnr400
Tb-150m	6.3582	7.2764	8.2050	8.7124
Tb-150	3.3392	3.8421	4.3954	4.6994
Tb-151	4.9799	5.6121	6.6058	7.2846
Tb-151m	0.8673	1.0299	1.7000	2.0757
Tb-152m	4.4313	4.9944	5.9602	6.6300
Tb-152	3.1888	3.6363	4.2077	4.5938
Tb-153	3.3719	3.7774	4.6339	5.2588
Tb-154	3.8884	4.4476	5.2004	5.6542
Tb-155	3.5710	3.9767	4.8586	5.5356
Tb-156	5.6215	6.3983	7.4824	8.1739
Tb-156m	1.3531	1.4689	1.6937	1.8863
Tb-156n	0.1934	0.2413	0.4889	0.6268
Tb-157	0.2415	0.2918	0.5339	0.6751
Tb-158	2.9837	3.3931	4.1417	4.6564
Tb-160	2.4475	2.8145	3.2237	3.4586
Tb-161	1.3159	1.5071	2.0632	2.4192
Tb-162	3.1449	3.5856	4.0712	4.3619
Tb-163	2.5947	2.9638	3.3034	3.4914
Tb-164	5.1550	5.9115	6.6878	7.0845
Tb-165	1.1277	1.3181	1.5361	1.6254
Tc-101	1.4432	1.6429	1.8009	1.9184
Tc-102m	3.1491	3.6684	3.9772	4.0438
Tc-102	0.1455	0.1686	0.1834	0.1880
Tc-104	3.0849	3.5739	3.8826	3.9988
Tc-105	2.6731	3.0442	3.4692	3.6577
Tc-91	1.1471	1.3589	1.4927	1.5073
Tc-91m	0.8291	0.9655	1.0679	1.0976
Tc-92	5.4219	6.2379	6.9432	7.2508
Tc-93	1.7830	2.1623	2.7552	2.8734
Tc-93m	1.3418	1.5810	1.9017	1.9828
Tc-94	4.3613	5.1528	5.9988	6.2437
Tc-94m	1.6095	1.9079	2.2006	2.2774
Tc-95	1.7994	2.1711	2.8239	2.9993
Tc-95m	2.5089	2.9422	3.6998	3.9330
Tc-96	4.2688	5.0577	5.9257	6.1948
Tc-96m	0.3762	0.4748	0.7560	0.8252
Tc-97	0.5591	0.7217	1.2433	1.3667
Tc-97m	0.4596	0.5856	0.9686	1.0592
Tc-98	2.4301	2.8192	3.0490	3.1253
Tc-99	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Tc-99m	1.6536	1.8421	2.1210	2.2360
Te-113	1.4311	1.6809	1.8431	1.8827
Te-114	3.0307	3.5359	4.2553	4.5947
Te-115	2.2972	2.6838	3.0027	3.1078
Te-115m	2.5906	3.0439	3.4037	3.5183
Te-116	2.1871	2.5452	3.2255	3.5668
Te-117	2.0890	2.4592	2.8631	3.0192
Te-118	0.8955	1.0680	1.4355	1.6033
Te-119	2.1375	2.5057	2.9953	3.1929
Te-119m	3.9130	4.5108	5.2577	5.5676
Te-121	2.1436	2.5105	3.0146	3.2261
Te-121m	1.9981	2.2791	2.7497	2.9859
Te-123	0.0229	0.0335	0.0988	0.1327
Te-123m	2.0798	2.3451	2.8620	3.1078
Te-125m	1.5870	1.8689	2.5111	2.8070
Te-127	0.0178	0.0203	0.0227	0.0238
Te-127m	0.4990	0.5914	0.8218	0.9292
Te-129	0.3772	0.4471	0.6087	0.6851
Te-129m	0.4111	0.4859	0.6522	0.7280
Te-131	1.9674	2.2145	2.5206	2.6548
Te-131m	3.0138	3.4776	3.8771	4.0629
Te-132	2.6336	2.9784	3.5601	3.8600
Te-133	2.2062	2.5465	2.7720	2.8867
Te-133m	3.3307	3.8578	4.2799	4.4499
Te-134	3.2689	3.7198	4.1886	4.4547
Th-223	1.5399	1.8014	2.5479	2.9216
Th-224	0.2326	0.2661	0.3435	0.3795
Th-226	0.1699	0.2082	0.3403	0.3950
Th-227	1.5106	1.8319	2.8850	3.3538
Th-228	0.1179	0.1561	0.3125	0.3763
Th-229	2.1744	2.6390	4.2388	4.9728
Th-230	2.0317	2.2099	2.3323	2.5519
Th-231	1.0568	1.3759	2.5923	3.0865
Th-232	1.2276	1.4440	1.6403	1.6778
Th-233	0.3470	0.4276	0.7218	0.8581
Th-234	0.3001	0.3583	0.5460	0.6380
Th-235	0.1411	0.1632	0.1893	0.2007
Th-236	0.2926	0.3450	0.4832	0.5417
Ti-44	3.5988	3.9773	4.4683	5.1236
Ti-45	0.0114	0.0156	0.0383	0.0500

Nuclide	avg400	ctr400	mid400	cnr400
Ti-51	1.3697	1.5651	1.6996	1.8126
Ti-52	2.0191	2.2854	2.7779	2.9722
Tl-190	2.1523	2.4722	2.9215	3.1880
Tl-190m	5.2769	6.0752	6.9807	7.4833
Tl-194	2.4402	2.8016	3.4271	3.8279
Tl-194m	7.0547	8.1307	9.6732	10.5579
Tl-195	3.3773	3.9527	5.2889	6.0882
Tl-196	3.8332	4.4276	5.2985	5.8238
Tl-197	2.8552	3.2768	4.2448	4.9098
Tl-198	4.2193	4.8768	5.8511	6.4353
Tl-198m	4.7930	5.5416	6.9423	7.7576
Tl-199	2.7871	3.1901	4.1863	4.8747
Tl-200	3.9850	4.5917	5.5585	6.1813
Tl-201	2.2962	2.6465	3.6952	4.4043
Tl-202	2.8300	3.2474	4.0881	4.6509
Tl-204	0.0363	0.0421	0.0607	0.0732
Tl-206m	6.9240	7.9315	9.0341	9.6052
Tl-206	0.0018	0.0021	0.0028	0.0033
Tl-207	0.0034	0.0040	0.0043	0.0045
Tl-208	2.9509	3.4540	3.7806	3.8559
Tl-209	4.4607	5.1064	5.7187	5.9995
Tl-210	4.2176	4.9331	5.6812	6.0345
Tm-161	6.3610	7.1091	8.6730	9.7536
Tm-162	3.0536	3.4783	4.1230	4.4996
Tm-163	5.1651	5.8038	6.9387	7.7061
Tm-164	1.4750	1.6581	2.0649	2.3376
Tm-165	4.0242	4.5032	5.4408	6.0892
Tm-166	4.5146	5.1455	6.1428	6.7463
Tm-167	2.6412	2.9499	3.7787	4.3352
Tm-168	5.0913	5.7614	6.8554	7.5487
Tm-170	0.1251	0.1433	0.2070	0.2485
Tm-171	0.0216	0.0242	0.0325	0.0384
Tm-172	0.8466	0.9857	1.2464	1.3929
Tm-173	1.4181	1.6124	1.8245	1.9350
Tm-174	6.0081	6.8390	7.9245	8.5441
Tm-175	2.3883	2.7526	3.1046	3.2794
Tm-176	4.2747	4.8945	5.7044	6.1469
U-227	1.4844	1.7373	2.4198	2.7348
U-228	0.1476	0.1892	0.3468	0.4085
U-230	0.1309	0.1767	0.3644	0.4362

Nuclide	avg400	ctr400	mid400	cnr400
U-231	2.4741	3.0459	4.9848	5.7954
U-232	0.1149	0.1580	0.3390	0.4072
U-233	0.0601	0.0828	0.1794	0.2170
U-234	1.9470	2.1607	2.3455	2.4999
U-235	1.9098	2.1194	2.3212	2.5622
U-235m	0.0000	0.0000	0.0000	0.0000
U-236	0.0929	0.1285	0.2791	0.3357
U-237	2.7511	3.2073	4.4917	5.1066
U-238	1.4204	1.6257	1.8257	1.8872
U-239	1.1543	1.3088	1.6197	1.8587
U-240	0.3676	0.4821	0.9399	1.1190
U-242	0.3922	0.4403	0.5204	0.5827
V-47	0.0107	0.0131	0.0204	0.0239
V-48	2.6725	3.1502	3.4882	3.5658
V-49	0.0607	0.0903	0.2746	0.3703
V-50	1.2723	1.5171	1.7693	1.8605
V-52	1.2452	1.4703	1.5742	1.5777
V-53	1.3118	1.5377	1.6678	1.6892
W-177	6.1681	6.9852	8.8253	10.0496
W-178	0.5821	0.6867	1.1423	1.4223
W-179	1.9291	2.2133	3.2192	3.8745
W-179m	1.2920	1.4665	2.0174	2.4107
W-181	1.3413	1.5191	2.1122	2.5378
W-185m	0.7634	0.9622	1.9725	2.5234
W-185	0.0012	0.0014	0.0018	0.0021
W-187	1.7211	1.9581	2.2989	2.5354
W-188	0.0155	0.0177	0.0224	0.0256
W-190	3.1181	3.5084	4.6004	5.3893
Xe-120	3.0642	3.5424	4.3893	4.8124
Xe-121	2.2100	2.5452	2.9822	3.1741
Xe-122	1.2646	1.4669	1.8954	2.0927
Xe-123	2.4689	2.8124	3.3950	3.6595
Xe-125	2.9596	3.3704	4.1105	4.4714
Xe-127	3.0205	3.4281	4.1217	4.4602
Xe-127m	2.6478	2.9739	3.5201	3.7728
Xe-129m	1.9234	2.2198	2.9284	3.2676
Xe-131m	0.7945	0.9209	1.2389	1.3857
Xe-133	1.4268	1.6073	1.9415	2.1709
Xe-133m	0.9202	1.0609	1.3864	1.5379
Xe-135	1.4006	1.5703	1.7660	1.8735

Nuclide	avg400	ctr400	mid400	cnr400
Xe-135m	1.1599	1.3410	1.5122	1.5779
Xe-137	0.4361	0.5021	0.5490	0.5661
Xe-138	1.6964	1.9621	2.2734	2.4064
Y-81	2.1303	2.4552	3.1359	3.4437
Y-83	1.1600	1.4131	2.0175	2.2336
Y-83m	1.2519	1.4537	1.8088	1.9485
Y-84m	4.0737	4.7745	5.2133	5.3357
Y-85	1.0208	1.2197	1.5413	1.6467
Y-85m	1.1442	1.3705	1.7605	1.8856
Y-86	4.2921	5.0841	5.9394	6.1746
Y-86m	1.5549	1.7434	1.9911	2.1219
Y-87	1.5552	1.9076	2.7136	2.9777
Y-87m	1.1054	1.2825	1.5231	1.6171
Y-88	2.8369	3.4432	4.3467	4.6040
Y-89m	1.2466	1.4599	1.5819	1.6186
Y-90	0.0001	0.0001	0.0001	0.0002
Y-90m	2.7390	3.1075	3.4918	3.6697
Y-91	0.0033	0.0038	0.0041	0.0042
Y-91m	1.1771	1.3650	1.5140	1.5587
Y-92	0.3320	0.3882	0.4200	0.4278
Y-93	0.1767	0.2024	0.2227	0.2319
Y-94	0.9803	1.1475	1.2404	1.2642
Y-95	0.7458	0.8809	0.9473	0.9488
Yb-162	3.3555	3.7352	4.5966	5.1476
Yb-163	2.3060	2.6135	3.3691	3.8531
Yb-164	1.5719	1.7426	2.2285	2.5764
Yb-165	3.8221	4.3112	5.7741	6.7663
Yb-166	2.9744	3.2963	4.1834	4.8362
Yb-167	5.9438	6.6253	8.4235	9.6041
Yb-169	6.7312	7.4693	9.2254	10.5076
Yb-175	0.2450	0.2756	0.3223	0.3527
Yb-177	0.9131	1.0239	1.2057	1.3139
Yb-178	0.1559	0.1784	0.2101	0.2289
Yb-179	2.5140	2.8812	3.2258	3.3870
Zn-60	1.6227	1.8449	2.0693	2.2289
Zn-61	0.5592	0.6545	0.7171	0.7325
Zn-62	1.4290	1.7016	2.5481	3.0173
Zn-63	0.2240	0.2659	0.3318	0.3604
Zn-65	0.8509	1.0636	1.7490	2.0799
Zn-69	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Zn-69m	1.1975	1.3768	1.5429	1.6123
Zn-71	0.6723	0.7763	0.8463	0.8707
Zn-71m	3.7813	4.3453	4.7476	4.8954
Zn-72	2.1318	2.4748	3.6257	4.2030
Zr-85	1.1522	1.3360	1.5082	1.5662
Zr-86	2.6256	3.1659	4.6032	5.0812
Zr-87	0.1759	0.2234	0.3476	0.3823
Zr-88	1.7247	2.0758	2.8610	3.1096
Zr-89	1.6268	1.9774	2.5936	2.7738
Zr-89m	1.2029	1.3997	1.5705	1.6156
Zr-93	0.0000	0.0000	0.0000	0.0000
Zr-95	1.1837	1.3776	1.4845	1.5281
Zr-97	1.4237	1.6574	1.7986	1.8521

Table 19: Wood 1 cm Contamination Thickness for 10x10x10 ft and 50x50x10 ft rooms

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ac-223	3.7335	2.8069	3.5314	4.0243	2.4893	1.5722	3.3036	4.2313
Ac-224	16.4823	13.0715	15.7144	17.4213	12.7044	9.0641	14.6194	18.4759
Ac-225	5.3592	4.1567	5.1046	5.7345	3.6683	2.3425	4.4974	6.0582
Ac-226	6.6598	5.3088	6.3635	7.0048	5.2374	3.8109	5.9267	7.6375
Ac-227	1.7789	1.3091	1.6778	1.9314	1.1314	0.6886	1.5934	2.0345
Ac-228	10.0357	7.9338	9.5728	10.5284	7.8331	5.5868	8.6658	11.8443
Ac-230	4.8667	3.8380	4.6395	5.1108	3.7282	2.6060	4.1456	5.7467
Ac-231	10.1766	8.1646	9.7313	10.5981	8.6090	6.5266	9.3240	11.6382
Ac-232	6.6746	5.2446	6.3528	6.9745	5.2249	3.7129	5.7754	7.9451
Ac-233	3.0304	2.2376	2.7913	3.1545	2.6423	2.0108	3.1446	3.7288
Ag-100m	2.7200	2.1030	2.5020	2.6101	3.2687	2.8956	3.1113	3.7309
Ag-101	4.0284	3.3010	3.8398	4.0309	4.3546	3.7519	4.1184	5.1290
Ag-102m	2.6029	2.0284	2.4418	2.5912	2.7758	2.3335	2.7387	3.4001
Ag-102	5.0473	3.9848	4.7052	4.9429	5.7926	5.0233	5.4582	6.7742
Ag-103	7.1995	6.0156	6.9884	7.3578	7.2965	6.1336	6.8364	9.0060
Ag-104	9.0215	7.2892	8.5714	9.0684	9.6606	8.1867	9.0250	11.8120
Ag-104m	3.8519	3.1236	3.6585	3.8722	4.1158	3.4485	3.8111	5.0108
Ag-105	8.8558	7.3537	8.5791	9.0681	8.8842	7.2785	8.1854	11.0362
Ag-105m	0.6758	0.4666	0.6289	0.7441	0.4071	0.2409	0.6648	0.7754
Ag-106	2.6069	2.1728	2.5390	2.7006	2.5218	2.0231	2.3012	3.2793
Ag-106m	10.8348	8.7775	10.2849	10.8816	11.6569	9.8549	10.8697	14.1098
Ag-108	0.1847	0.1528	0.1787	0.1897	0.1840	0.1498	0.1684	0.2349
Ag-108m	9.3062	7.5925	8.8495	9.3990	9.8396	8.2369	9.1203	11.9808
Ag-109m	3.0174	2.4619	2.9326	3.1696	2.7463	2.1222	2.6936	3.8725
Ag-110	0.0803	0.0634	0.0741	0.0784	0.0939	0.0821	0.0877	0.1089
Ag-110m	4.3240	3.3231	3.9499	4.1422	5.3007	4.7681	5.0755	6.0331
Ag-111	0.1421	0.1153	0.1351	0.1379	0.1692	0.1493	0.1589	0.1813
Ag-111m	1.9357	1.5361	1.8681	2.0502	1.6580	1.2438	1.7555	2.4524
Ag-112	0.9775	0.7517	0.8887	0.9275	1.2139	1.0793	1.1492	1.3555
Ag-113m	1.8380	1.4432	1.7459	1.8752	1.8007	1.4689	1.8772	2.3164
Ag-113	0.3145	0.2537	0.2987	0.3048	0.3723	0.3316	0.3546	0.4054
Ag-114	0.4103	0.3181	0.3725	0.3917	0.5093	0.4501	0.4792	0.5640
Ag-115	1.1288	0.9065	1.0639	1.1055	1.3290	1.1972	1.3115	1.4654
Ag-116	2.4136	1.8568	2.2014	2.3037	2.9758	2.6301	2.8337	3.3199
Ag-117	2.3764	1.9095	2.2442	2.3105	2.7571	2.4490	2.6795	3.1329
Ag-99	3.5739	2.8708	3.3717	3.5041	4.0891	3.6388	3.9389	4.6673
Al-26	1.2210	0.8976	1.1170	1.1187	1.5245	1.3520	1.5076	1.6725
Al-28	1.1590	0.8541	1.0597	1.0535	1.4694	1.3076	1.4394	1.5950
Al-29	1.2376	0.9236	1.1414	1.1664	1.5515	1.3980	1.5345	1.7704

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Am-237	17.3866	13.8881	16.6868	18.3179	13.7921	10.0685	15.1217	20.0512
Am-238	15.7575	12.5898	15.1075	16.5644	12.5980	9.2082	13.6292	18.3486
Am-239	26.0834	20.7188	25.0348	27.6497	19.9434	14.1977	22.4263	29.8923
Am-240	19.8247	15.7780	19.0060	20.8991	15.4768	11.1261	16.9620	23.1874
Am-241	2.6698	2.3005	2.6132	2.7685	2.9448	2.8873	3.1236	3.1449
Am-242	6.0499	4.8092	5.8166	6.4284	4.5104	3.1362	5.0444	7.0384
Am-242m	5.5961	4.3697	5.3586	5.9802	3.9939	2.6844	4.7041	6.5359
Am-243	6.3561	5.1465	5.9749	6.6189	5.3061	3.9525	5.7949	6.8637
Am-244	20.4891	16.1991	19.6279	21.6492	15.9699	11.5168	17.7183	24.3545
Am-244m	2.5858	2.0454	2.4842	2.7503	1.9153	1.3258	2.1594	3.0421
Am-245	2.3725	1.8931	2.2775	2.5021	1.8790	1.3849	2.0783	2.7665
Am-246	28.7569	22.7843	27.5812	30.4062	22.4840	16.2809	24.9920	34.0653
Am-246m	6.7880	5.3346	6.4656	7.0818	5.6698	4.2777	6.1500	8.2736
Am-247	7.5110	6.0204	7.2192	7.8973	6.0848	4.5471	6.6231	8.7539
Ar-37	0.8290	0.5680	0.7700	0.9149	0.4875	0.2818	0.8180	0.9478
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	1.2208	0.9123	1.1264	1.1498	1.5301	1.3786	1.5134	1.7492
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	1.5182	1.1495	1.3901	1.4353	1.8867	1.6973	1.8285	2.1276
Ar-44	2.7273	2.1493	2.5620	2.6292	3.2947	2.9903	3.3532	3.5211
As-68	3.1822	2.4049	2.9131	3.0416	3.8316	3.4160	3.7705	4.4190
As-69	2.0245	1.4675	1.8884	2.1613	1.5270	1.1071	2.0987	2.3547
As-70	5.3405	3.9658	4.9124	5.2803	5.7045	4.8693	6.0918	7.1110
As-71	13.3137	9.4391	12.4291	14.4638	8.9971	5.9914	13.5198	15.3811
As-72	3.2189	2.3144	2.9728	3.3711	2.7076	2.0858	3.4129	3.9990
As-73	29.9927	20.7026	27.8939	33.0418	17.8682	10.4398	29.4195	34.1513
As-74	6.0891	4.2858	5.6357	6.5639	4.2590	2.8506	6.1447	7.1906
As-76	0.8308	0.6463	0.7532	0.7969	1.0244	0.9032	0.9632	1.1392
As-77	0.0746	0.0595	0.0702	0.0755	0.0756	0.0651	0.0820	0.0885
As-78	1.8237	1.3981	1.6625	1.7360	2.2534	2.0107	2.1545	2.5312
As-79	0.0866	0.0683	0.0798	0.0835	0.1056	0.0933	0.0992	0.1155
At-204	14.7232	11.4136	13.7108	15.2025	12.9967	9.9191	14.4370	17.2781
At-205	13.0162	10.1023	12.2136	13.6730	10.2605	7.3161	12.1058	14.5249
At-206	15.0442	11.7197	14.0349	15.5113	13.3628	10.2644	14.7663	17.5520
At-207	16.7206	12.9684	15.6733	17.4679	13.6171	9.9335	15.7925	18.9183
At-208	21.2783	16.5142	19.9346	22.1117	18.0493	13.5872	20.5844	24.5967
At-209	23.0821	17.9382	21.6491	24.1499	18.8652	13.8444	21.8200	26.1916
At-210	19.5901	15.1757	18.4244	20.4250	15.9315	11.6779	18.5747	22.3675
At-211	5.9930	4.6444	5.6421	6.3774	4.3338	2.8885	5.3607	6.4814
At-215	0.0015	0.0012	0.0014	0.0016	0.0014	0.0011	0.0015	0.0018

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
At-216	0.2424	0.1881	0.2277	0.2569	0.1814	0.1246	0.2221	0.2607
At-217	0.0055	0.0043	0.0051	0.0057	0.0045	0.0034	0.0053	0.0061
At-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-220	4.4396	3.5547	4.1994	4.5170	4.2468	3.4944	4.5098	5.2557
Au-186	10.6122	7.9803	9.8664	11.1375	8.8590	6.7031	10.9826	12.0317
Au-187	15.7660	11.5392	14.5939	16.8272	11.4950	7.8517	15.5847	17.5335
Au-190	12.3509	9.2147	11.4320	12.8710	10.3097	7.7141	12.6877	14.0215
Au-191	17.7570	13.1036	16.4254	18.8902	13.2942	9.2723	17.6590	19.6852
Au-192	12.5204	9.3094	11.5870	13.0914	10.2417	7.5379	12.7637	14.1270
Au-193	14.7815	10.8892	13.6602	15.7979	10.7382	7.3283	14.6078	16.0712
Au-193m	11.2697	8.2784	10.5368	12.1003	7.8486	5.2340	10.8434	12.6809
Au-194	12.0079	8.9110	11.1097	12.6413	9.4890	6.8289	12.0997	13.3956
Au-195	18.2954	13.3106	16.9603	19.7287	12.5016	8.1095	17.7274	20.0038
Au-195m	11.4055	8.3922	10.6671	12.2399	7.9544	5.2968	10.9362	12.8187
Au-196	11.4147	8.5029	10.5643	12.0317	9.0173	6.4691	11.4473	12.6745
Au-196m	29.5540	21.6752	27.5982	31.8445	20.2841	13.2890	28.4144	32.9211
Au-198	1.7525	1.3795	1.6121	1.7323	1.9414	1.6343	1.9168	2.2051
Au-198m	25.4494	19.0443	23.8402	27.1768	19.4685	14.0092	25.4796	28.1357
Au-199	5.3637	4.0545	5.0294	5.6922	4.0866	2.9290	5.3023	6.0239
Au-200	0.6515	0.5028	0.6057	0.6412	0.7166	0.6092	0.7276	0.8347
Au-200m	12.6652	9.7830	11.7995	12.9315	12.1592	9.9322	13.4787	15.2768
Au-201	1.3042	0.9429	1.2163	1.4093	0.8790	0.5650	1.2518	1.4831
Au-202	0.3803	0.2936	0.3491	0.3729	0.4301	0.3695	0.4291	0.4978
Ba-124	6.1675	4.8158	5.8897	6.4671	5.6682	4.7726	6.0471	7.6216
Ba-126	6.4943	5.0814	6.1922	6.7634	6.1467	5.2417	6.4353	8.1245
Ba-127	3.9213	3.0672	3.7489	4.1266	3.5484	2.9709	3.7985	4.7930
Ba-128	5.0032	3.8920	4.7952	5.2967	4.4002	3.6524	4.7033	6.1868
Ba-129	4.9391	3.8308	4.7251	5.2276	4.3389	3.5912	4.7294	6.0805
Ba-129m	10.7719	8.2914	10.1858	11.1896	10.1380	8.4812	11.0675	13.4355
Ba-131	8.3682	6.5945	7.9799	8.7209	7.9068	6.7207	8.2339	10.3992
Ba-131m	5.8050	4.4697	5.5336	6.1733	4.9090	3.9751	5.6524	6.6429
Ba-133	10.4420	8.2123	9.9336	10.8927	9.7219	8.1250	10.2171	12.6028
Ba-133m	6.2404	4.6391	5.9069	6.7048	4.7596	3.6103	5.9591	7.3123
Ba-135m	3.8716	2.9794	3.6965	4.1068	3.3188	2.7604	3.6817	4.6174
Ba-137m	1.6829	1.3020	1.5492	1.6621	1.8959	1.6687	1.8455	2.2412
Ba-139	0.8126	0.6574	0.7766	0.8274	0.8414	0.7528	0.9119	0.9847
Ba-140	4.7486	3.4529	4.4483	5.1051	3.4877	2.4592	4.6664	5.6598
Ba-141	3.5948	2.8704	3.4036	3.5697	4.0887	3.6599	4.1117	4.5251
Ba-142	3.7809	2.9730	3.5449	3.7959	4.0301	3.5559	4.1404	4.7127

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.1404	0.1113	0.1273	0.1353	0.1742	0.1522	0.1609	0.1880
Bi-197	14.4400	10.9686	13.4841	15.2157	11.2265	7.9595	13.8009	16.2077
Bi-200	19.0779	14.7057	17.7639	19.7970	16.3771	12.3661	18.8580	21.8819
Bi-201	14.0852	10.7332	13.1434	14.7989	11.0869	7.9159	13.4970	15.7722
Bi-202	16.9528	13.0113	15.7654	17.5599	14.6437	11.1010	16.8337	19.6144
Bi-203	15.1504	11.5385	14.1218	15.8478	12.2322	8.9038	14.7134	17.1151
Bi-204	18.4126	14.0847	17.1594	19.1434	15.5411	11.6430	18.1397	21.1979
Bi-205	13.8058	10.4583	12.8771	14.5339	10.7136	7.5684	13.2155	15.4930
Bi-206	21.0313	16.0975	19.5708	21.8618	17.8513	13.4225	20.7948	24.1890
Bi-207	13.5355	10.3120	12.6010	14.1863	10.8825	7.8580	13.0691	15.3388
Bi-208	10.2172	7.6359	9.5441	10.8196	7.6065	5.2071	9.7159	11.4787
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	3.3273	2.5905	3.1220	3.4102	3.0370	2.4298	3.4362	3.8397
Bi-211	0.5389	0.4159	0.5043	0.5545	0.4856	0.3744	0.5449	0.6204
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	2.3309	1.7046	2.1879	2.5165	1.5486	0.9748	2.1564	2.6550
Bi-213	0.9357	0.7351	0.8701	0.9564	0.8757	0.6841	0.9329	1.1009
Bi-214	1.9598	1.4963	1.7959	1.8814	2.3006	2.0100	2.2606	2.6412
Bi-215	3.1913	2.5036	3.0050	3.3059	2.7334	2.0712	3.0833	3.6114
Bi-216	2.6954	2.1204	2.4722	2.6670	2.9557	2.4782	2.8973	3.4347
Bk-245	18.1531	14.5560	17.4505	19.1289	14.5198	10.7685	15.8553	21.0949
Bk-246	19.3765	15.3605	18.5667	20.4499	15.2447	11.1070	16.8483	22.8867
Bk-247	5.8768	4.7988	5.6031	6.1000	5.1561	4.0338	5.4372	6.5683
Bk-248m	5.3712	4.2778	5.1615	5.6861	4.1685	3.0085	4.6057	6.3223
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	5.0673	3.9736	4.8216	5.2637	4.3685	3.3638	4.6815	6.3421
Bk-251	11.5332	9.1647	11.0736	12.2030	8.9637	6.5525	10.0517	13.7147
Br-72	3.8001	2.8694	3.5142	3.8019	3.8712	3.2218	4.1228	4.8926
Br-73	4.3127	3.3246	3.9739	4.4422	3.8060	2.9161	4.3404	4.8037
Br-74	4.2731	3.2180	3.9566	4.2682	4.3618	3.6230	4.6793	5.4775
Br-74m	5.1102	3.8565	4.7086	5.0792	5.3211	4.4455	5.5844	6.6430
Br-75	5.7439	4.3818	5.4179	5.9858	4.7801	3.5958	5.6654	6.7241
Br-76	8.2064	6.1000	7.6544	8.5901	6.5688	4.7156	7.9861	9.7680
Br-76m	18.2496	14.1628	17.3872	19.5480	12.4883	7.8388	15.3785	19.7569
Br-77	14.2264	10.5386	13.3884	15.3272	9.5117	5.9695	12.9504	16.0252
Br-77m	9.5588	7.3767	9.0997	10.2623	6.2883	3.7544	7.8803	10.4227
Br-78	1.1668	0.8651	1.0921	1.2435	0.8394	0.5566	1.0844	1.3486
Br-80	0.9031	0.6683	0.8466	0.9668	0.6295	0.4070	0.8305	1.0353
Br-80m	18.6109	14.3962	17.7363	19.9648	12.4572	7.6509	15.4113	20.4262

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Br-82m	9.6054	7.3802	9.1357	10.3311	6.1624	3.5653	7.8504	10.5011
Br-82	4.4098	3.4027	4.0227	4.2329	5.4063	4.8481	5.1691	6.0963
Br-83	0.0209	0.0161	0.0189	0.0205	0.0236	0.0201	0.0233	0.0275
Br-84m	3.9367	3.0379	3.6078	3.7425	4.8628	4.3343	4.6497	5.4002
Br-84	1.3665	1.0293	1.2512	1.2939	1.6928	1.5313	1.6515	1.9095
Br-85	0.0964	0.0740	0.0885	0.0927	0.1173	0.1068	0.1140	0.1335
C-10	1.3344	1.0291	1.2137	1.2844	1.6378	1.4802	1.5609	1.8538
C-11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-41	1.4803	1.0142	1.3750	1.6338	0.8706	0.5032	1.4606	1.6924
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	1.0915	0.8213	1.0047	1.0320	1.3639	1.2273	1.3399	1.5522
Ca-49	1.0664	0.7795	0.9790	0.9949	1.3555	1.2665	1.3499	1.5215
Cd-101	6.1628	5.0337	5.9224	6.2460	6.5215	5.4831	6.1582	7.7739
Cd-102	7.1463	5.8781	6.8865	7.3311	7.2459	5.9150	6.7601	9.3484
Cd-103	6.6903	5.4422	6.4510	6.8277	6.7787	5.5334	6.3776	8.8981
Cd-104	9.1321	7.6130	8.8293	9.4467	8.9635	7.2063	8.3952	11.5096
Cd-105	5.2055	4.2511	5.0327	5.3342	5.2184	4.2297	4.8871	6.9022
Cd-107	8.6498	7.1421	8.4461	9.0567	8.0683	6.2980	7.6181	11.2655
Cd-109	8.2075	6.7650	8.0093	8.5984	7.6222	5.9364	7.2347	10.6816
Cd-111m	5.2066	4.2833	5.0100	5.2979	5.3933	4.6152	5.3676	6.8145
Cd-113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0044	0.0036	0.0043	0.0046	0.0041	0.0032	0.0041	0.0059
Cd-115	0.7626	0.6092	0.7078	0.7555	0.8754	0.7481	0.8230	1.0440
Cd-115m	0.0440	0.0336	0.0404	0.0421	0.0540	0.0487	0.0524	0.0620
Cd-117	2.2616	1.7899	2.1210	2.1916	2.6694	2.3586	2.5797	3.0277
Cd-117m	2.0792	1.5789	1.9092	1.9692	2.5712	2.3010	2.4882	2.8839
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	2.5020	1.9657	2.3461	2.3940	3.0084	2.6773	2.8983	3.3579
Cd-119m	2.5922	1.9847	2.3930	2.4726	3.1621	2.8173	3.0576	3.5817
Ce-130	8.6654	6.7863	8.2686	9.0610	7.9501	6.7706	8.6525	10.3684
Ce-131	8.2390	6.3048	7.7739	8.5721	7.5581	6.2164	8.4701	10.1644
Ce-132	7.6228	5.9910	7.2916	7.9804	7.1283	6.1172	7.8507	9.0694
Ce-133	9.2456	7.2497	8.8179	9.7613	8.2714	6.9136	8.9925	10.5482
Ce-133m	10.4372	8.1308	9.8404	10.7560	10.1284	8.6375	10.6821	12.6030
Ce-134	4.8506	3.7223	4.6349	5.1756	4.0601	3.3277	4.6060	5.7111
Ce-135	8.0322	6.2474	7.6127	8.3165	7.6694	6.5523	8.1830	9.7716
Ce-137	7.2700	5.3931	6.8851	7.8386	5.5201	4.1956	6.9823	8.4823
Ce-137m	4.0013	3.0582	3.8116	4.2599	3.3481	2.7153	3.9224	4.6795
Ce-139	7.1604	5.5858	6.8363	7.5208	6.4564	5.4629	7.2684	8.5111

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ce-141	2.1150	1.7086	2.0215	2.1672	2.0874	1.8373	2.2764	2.5379
Ce-143	5.2171	4.0598	4.9561	5.4428	4.8245	4.0340	5.3542	6.0679
Ce-144	0.8556	0.6815	0.8161	0.8903	0.7927	0.6765	0.8806	1.0008
Ce-145	7.5725	5.8480	7.1405	7.8848	7.0438	5.8797	7.8029	8.9706
Cf-244	1.8970	1.5000	1.8228	2.0199	1.3924	0.9564	1.5755	2.2299
Cf-246	1.2975	1.0259	1.2468	1.3816	0.9533	0.6553	1.0785	1.5253
Cf-247	20.1538	15.9006	19.3332	21.4151	15.2162	10.8018	17.3444	23.7152
Cf-248	1.5479	1.2239	1.4875	1.6481	1.1381	0.7828	1.2872	1.8198
Cf-249	5.8571	4.6525	5.5901	6.1029	4.9602	3.7357	5.2934	7.0101
Cf-250	1.2001	0.9490	1.1527	1.2762	0.8896	0.6159	1.0029	1.4130
Cf-251	12.0443	9.6031	11.5706	12.7297	9.4703	6.9271	10.5171	14.0457
Cf-252	1.9445	1.5405	1.8463	1.9968	1.7767	1.4096	1.8525	2.3872
Cf-253	4.0932	3.1775	3.9176	4.3773	2.9870	2.0682	3.5358	4.9282
Cf-254	28.0950	22.3113	26.1725	27.2044	33.4285	29.8886	32.0691	36.7253
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0005	0.0003	0.0005	0.0005	0.0003	0.0002	0.0005	0.0006
Cl-34m	1.7118	1.3563	1.6041	1.6415	2.0302	1.8566	2.0588	2.2458
Cl-36	0.0117	0.0080	0.0109	0.0130	0.0069	0.0040	0.0116	0.0134
Cl-38	0.8488	0.6237	0.7754	0.7746	1.0771	0.9587	1.0555	1.1684
Cl-39	1.9589	1.5256	1.8178	1.8482	2.4257	2.2309	2.4106	2.6521
Cl-40	2.2625	1.6797	2.0714	2.0975	2.8603	2.5693	2.8045	3.1798
Cm-238	9.7621	7.8484	9.3976	10.3114	7.6757	5.5889	8.3481	11.2094
Cm-239	14.8549	11.9670	14.2965	15.6199	12.2470	9.2784	13.3418	17.1879
Cm-240	2.2435	1.7819	2.1564	2.3873	1.6177	1.0889	1.8234	2.6168
Cm-241	23.4532	18.5358	22.4401	24.8197	18.0628	12.8856	20.3261	27.3596
Cm-242	2.0151	1.6004	1.9368	2.1442	1.4528	0.9777	1.6376	2.3503
Cm-243	13.7993	10.8240	13.2046	14.6729	10.3377	7.2639	12.0213	15.8780
Cm-244	1.7309	1.3747	1.6636	1.8418	1.2477	0.8395	1.4064	2.0188
Cm-245	13.8410	11.0666	13.3055	14.6534	10.6398	7.5925	11.7836	15.8478
Cm-246	1.3851	1.1001	1.3311	1.4733	1.0015	0.6756	1.1276	1.6164
Cm-247	1.6008	1.2875	1.4957	1.5865	1.7522	1.4792	1.6818	2.0050
Cm-248	3.4854	2.7682	3.2853	3.4990	3.5397	2.9585	3.5519	4.3741
Cm-249	2.5947	1.7919	2.4121	2.8532	1.5720	0.9362	2.5575	2.9788
Cm-250	22.4152	17.7952	20.8860	21.7293	26.5503	23.6942	25.5201	29.2504
Cm-251	1.6961	1.3450	1.6156	1.7721	1.4260	1.0794	1.5387	2.0377
Co-54m	3.8455	2.9522	3.5350	3.6490	4.7585	4.2315	4.5856	5.3131
Co-55	3.1275	2.2830	2.8837	3.2005	2.9330	2.3692	3.4246	3.9982
Co-56	7.9157	5.6378	7.3170	8.2527	6.7035	5.1610	8.5219	9.8885
Co-57	14.4345	10.5293	13.5552	15.5956	9.8699	6.6633	13.9989	16.6383
Co-58	6.3496	4.4582	5.8787	6.8291	4.5683	3.1879	6.5228	7.5921

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Co-58m	5.9287	4.0623	5.5072	6.5433	3.4877	2.0165	5.8498	6.7793
Co-60	2.4892	1.8669	2.2943	2.3478	3.1086	2.8013	3.0615	3.5593
Co-60m	6.5740	4.5125	6.1050	7.2490	3.8988	2.2737	6.4954	7.5023
Co-61	3.2119	2.5333	2.8533	3.2481	3.1260	2.5084	3.4961	3.0963
Co-62	1.4350	1.0757	1.3205	1.3558	1.7892	1.6136	1.7567	2.0431
Co-62m	2.5630	1.9229	2.3590	2.4203	3.1927	2.8795	3.1346	3.6449
Cr-48	7.2772	5.5956	6.9056	7.5781	6.5324	5.2638	7.5914	8.3914
Cr-49	2.8279	2.3381	2.6340	2.8572	2.9847	2.5774	3.1206	2.8947
Cr-51	3.5178	2.4293	3.2725	3.8596	2.1688	1.3120	3.4930	4.0421
Cr-55	0.0005	0.0004	0.0005	0.0005	0.0007	0.0006	0.0007	0.0007
Cr-56	7.5617	5.9566	7.1019	7.9363	6.7508	5.2098	7.6211	9.0061
Cs-121	2.0865	1.6737	1.9836	2.1198	2.1811	1.9081	2.2217	2.6512
Cs-121m	3.9643	3.1594	3.7808	4.0689	4.0842	3.5590	4.2448	4.9776
Cs-123	4.2062	3.3532	4.0133	4.3576	4.1467	3.5119	4.1579	5.2210
Cs-124	0.9378	0.7396	0.8882	0.9409	1.0092	0.8666	0.9823	1.2217
Cs-125	3.9232	3.0924	3.7414	4.0813	3.7689	3.1579	3.8082	5.0596
Cs-126	1.7245	1.3605	1.6259	1.7466	1.8126	1.5451	1.7746	2.2509
Cs-127	6.1910	4.8948	5.9081	6.4320	5.9572	4.9954	6.0130	7.9923
Cs-128	1.8978	1.4919	1.8037	1.9679	1.8423	1.5395	1.8537	2.4669
Cs-129	7.3732	5.8042	7.0649	7.7270	6.8704	5.6936	7.0170	9.4909
Cs-130m	8.2591	6.3853	7.8288	8.7562	7.0567	5.6840	8.0041	9.6988
Cs-130	2.6019	2.0400	2.4993	2.7508	2.3378	1.9183	2.4214	3.3589
Cs-131	4.5256	3.5452	4.3533	4.8003	4.0073	3.2721	4.1821	5.8259
Cs-132	5.8841	4.6009	5.5851	6.0974	5.7040	4.7945	5.7646	7.7164
Cs-134	3.0233	2.3396	2.7496	2.9139	3.7011	3.3226	3.5171	4.1736
Cs-134m	5.2068	3.8086	4.9086	5.6302	3.7582	2.7019	5.0252	6.1558
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	2.7927	2.1424	2.5625	2.7241	3.3238	3.0268	3.2429	3.8623
Cs-136	4.9014	3.8311	4.5635	4.8090	5.6474	5.0560	5.5953	6.4214
Cs-137	1.5168	1.1664	1.4554	1.5624	1.7950	1.7267	1.9395	1.8716
Cs-138m	4.0811	3.1417	3.8795	4.2830	3.6916	3.0524	4.0519	5.0318
Cs-138	2.5732	1.9643	2.3631	2.4369	3.1709	2.8268	3.0714	3.5427
Cs-139	0.2503	0.1877	0.2296	0.2349	0.3130	0.2807	0.3059	0.3510
Cs-140	1.7113	1.3007	1.5592	1.6169	2.1309	1.9027	2.0428	2.3742
Cu-57	0.1398	0.1050	0.1286	0.1345	0.1664	0.1487	0.1665	0.1963
Cu-59	0.8041	0.6078	0.7433	0.7892	0.8981	0.7759	0.9235	1.0712
Cu-60	3.0656	2.2523	2.8208	2.9751	3.4142	2.9511	3.6108	4.1393
Cu-61	3.7773	2.6553	3.5021	4.0849	2.5855	1.7188	3.8313	4.3792
Cu-62	0.1861	0.1280	0.1728	0.2043	0.1143	0.0691	0.1853	0.2148
Cu-64	3.5554	2.4363	3.3026	3.9231	2.0949	1.2133	3.5097	4.0666

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Cu-66	0.1242	0.0945	0.1141	0.1185	0.1528	0.1382	0.1481	0.1769
Cu-67	3.2306	2.4643	3.0492	3.4177	2.7931	2.2236	3.4860	3.6335
Cu-69	0.7639	0.5855	0.6993	0.7312	0.9379	0.8451	0.9041	1.0709
Dy-148	6.9827	5.2768	6.5587	7.3467	6.1497	4.9133	7.3911	7.9863
Dy-149	10.6653	8.0904	10.0669	11.2161	9.4420	7.6167	11.3299	12.0539
Dy-150	4.6170	3.5103	4.3497	4.8659	4.0512	3.2187	4.8643	5.2089
Dy-151	10.8413	8.0742	10.1762	11.4536	9.1682	7.1469	11.4294	12.5144
Dy-152	7.4004	5.6651	6.9997	7.7806	6.5017	5.3138	7.9265	8.3045
Dy-153	15.4395	11.7307	14.5922	16.3690	13.1824	10.4677	16.2765	17.0939
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	9.0565	6.9145	8.5696	9.5545	7.9923	6.4953	9.7240	10.1800
Dy-157	7.7725	5.9166	7.3767	8.1872	6.8033	5.4166	8.1794	8.7130
Dy-159	7.1608	5.3671	6.7796	7.7036	5.6639	4.3228	7.4012	7.7695
Dy-165m	3.8381	2.6918	3.5802	4.2052	2.4628	1.5678	3.8320	4.3390
Dy-165	0.9060	0.6869	0.8550	0.9650	0.7587	0.5939	0.9448	0.9729
Dy-166	6.3706	4.6895	5.9761	6.8747	4.7799	3.4829	6.5275	6.9179
Dy-167	4.5207	3.4626	4.2369	4.6584	4.2919	3.5579	4.9105	5.2950
Dy-168	5.8427	4.4087	5.4915	6.1713	5.0699	4.0235	6.2407	6.6588
Er-154	10.1346	7.5280	9.5805	10.9296	7.8036	5.7201	10.1699	11.7353
Er-156	16.0351	11.5485	15.0450	17.4428	11.2249	7.8068	16.0887	17.9663
Er-159	8.9332	6.7029	8.3859	9.4314	7.6836	6.0789	9.4838	10.0820
Er-161	10.4277	7.7617	9.7931	11.0803	8.6708	6.7636	10.9944	11.7312
Er-163	6.3148	4.6989	5.9584	6.8042	4.9186	3.7118	6.5246	6.7721
Er-165	6.2172	4.6178	5.8642	6.7029	4.8146	3.6183	6.4169	6.6770
Er-167m	3.8839	2.8660	3.6600	4.1787	3.0474	2.3054	4.1055	4.3530
Er-169	0.1707	0.1170	0.1586	0.1884	0.1004	0.0581	0.1684	0.1951
Er-171	7.4182	5.6290	7.0051	7.7814	6.4760	5.1535	7.8098	8.3382
Er-172	7.3666	5.5154	6.8710	7.7745	6.2859	4.8985	7.7620	8.2007
Er-173	10.4148	7.9570	9.8365	10.9750	9.2831	7.5799	11.2487	11.7753
Es-249	13.6502	10.9113	13.0967	14.3292	11.2213	8.4773	12.1522	16.3433
Es-250	52.8896	41.8974	50.7347	55.8962	41.6241	30.4696	46.2389	63.4253
Es-250m	12.9190	10.3182	12.4046	13.5803	10.5096	7.8992	11.4140	15.5105
Es-251	16.7626	13.2854	16.0909	17.7725	12.7925	9.2096	14.4437	19.9355
Es-253	0.5098	0.3975	0.4881	0.5446	0.3690	0.2521	0.4338	0.6023
Es-254	19.5610	15.0133	18.6499	20.9899	13.7142	9.1536	16.9196	22.9976
Es-254m	6.5477	5.1387	6.2392	6.8725	5.4192	4.0613	5.9153	8.1492
Es-255	0.0011	0.0009	0.0011	0.0011	0.0014	0.0012	0.0013	0.0015
Es-256	2.2845	1.7949	2.1942	2.4341	1.7293	1.2232	1.9615	2.7917
Eu-142	0.6378	0.4829	0.5969	0.6518	0.6251	0.5246	0.7009	0.7827
Eu-142m	7.7296	5.7370	7.1293	7.8840	7.5171	6.1933	8.4749	9.8816

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Eu-143	1.8278	1.3874	1.7290	1.9150	1.6244	1.3093	1.9414	2.1232
Eu-144	0.8010	0.6049	0.7563	0.8362	0.7125	0.5724	0.8542	0.9341
Eu-145	6.7210	5.1008	6.3351	7.0216	6.0751	4.9391	7.1647	7.9285
Eu-146	8.5458	6.5136	7.9787	8.7400	8.4396	7.0798	9.3325	10.5326
Eu-147	8.3718	6.4390	7.9548	8.8475	7.3319	5.9343	8.8358	9.5815
Eu-148	9.5972	7.3612	8.9385	9.7855	9.6228	8.0467	10.4637	11.8400
Eu-149	7.2844	5.4037	6.8889	7.8467	5.5567	4.1047	7.4129	8.2499
Eu-150	9.4754	7.3154	8.9056	9.6954	9.3876	7.8039	10.2397	11.4653
Eu-150m	0.6633	0.5071	0.6289	0.6978	0.5848	0.4675	0.6963	0.7638
Eu-152	7.6704	5.8934	7.2524	7.9693	7.0905	5.8442	8.1941	9.0791
Eu-152m	2.3739	1.8150	2.2445	2.4874	2.1265	1.7336	2.5129	2.7859
Eu-152n	8.3058	6.1522	7.7755	8.9357	6.2229	4.4670	8.3962	9.0609
Eu-154	4.9759	3.8357	4.6747	5.0869	4.8710	4.1372	5.4309	6.0894
Eu-154m	11.4693	8.3345	10.6983	12.3887	8.2821	5.8106	11.5350	12.7366
Eu-155	3.7950	2.9578	3.5820	4.0094	3.3188	2.6451	3.9461	4.0088
Eu-156	2.9174	2.1846	2.7146	2.9796	2.8272	2.3392	3.2178	3.5658
Eu-157	8.3776	6.2305	7.8256	8.9149	6.7567	5.0953	8.6979	9.3007
Eu-158	4.5800	3.4135	4.2585	4.7411	4.1869	3.3839	4.9632	5.5265
Eu-159	8.7003	6.6708	8.1925	9.2065	7.4349	5.8731	9.0757	9.4883
F-17	0.0004	0.0003	0.0004	0.0004	0.0005	0.0005	0.0005	0.0006
F-18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-52	4.3250	3.2731	4.0761	4.5408	3.7254	2.9938	4.7737	5.1193
Fe-53	0.7656	0.5971	0.7121	0.7559	0.8491	0.7189	0.8482	0.9720
Fe-53m	3.7155	2.8234	3.4018	3.5337	4.5913	4.1336	4.4463	5.2351
Fe-55	4.9181	3.3696	4.5684	5.4281	2.8925	1.6720	4.8528	5.6230
Fe-59	1.3552	1.0278	1.2525	1.2901	1.6752	1.5140	1.6512	1.9179
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	1.9203	1.4861	1.7862	1.8319	2.3481	2.1206	2.2859	2.6306
Fe-62	1.3377	1.0557	1.2078	1.2903	1.6597	1.4494	1.5372	1.8057
Fm-251	13.2367	10.3056	12.6436	14.0658	10.1537	7.3907	11.9453	15.8221
Fm-252	1.2577	0.9938	1.2091	1.3385	0.9432	0.6620	1.0607	1.5099
Fm-253	15.7333	12.3626	15.0858	16.7321	11.8847	8.4900	13.6429	18.9363
Fm-254	1.2808	1.0121	1.2310	1.3621	0.9657	0.6804	1.0837	1.5390
Fm-255	14.8383	11.5832	14.2098	15.8485	10.7288	7.3499	12.5930	17.6903
Fm-256	21.1706	16.8247	19.7374	20.5272	25.0567	22.3670	24.0303	27.6687
Fm-257	14.7500	11.7021	14.1590	15.6084	11.5445	8.4530	12.9177	17.5793
Fr-212	15.6510	12.1985	14.8215	16.5045	12.0724	8.5474	14.2208	17.7034
Fr-219	0.0429	0.0338	0.0404	0.0442	0.0382	0.0293	0.0416	0.0494
Fr-220	2.7372	2.1055	2.5942	2.9309	1.8796	1.2009	2.3658	3.0381
Fr-221	0.8387	0.6658	0.7977	0.8798	0.7032	0.5362	0.8062	0.9427

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Fr-222	9.0514	7.1671	8.6672	9.5923	6.8885	4.8817	7.9239	10.3806
Fr-223	9.0469	7.1552	8.6472	9.6123	6.8206	4.7968	7.8959	9.9916
Fr-224	6.0843	4.8235	5.7994	6.3581	5.0128	3.7693	5.6023	7.1211
Fr-227	10.7127	8.5371	10.1358	11.2048	8.8414	6.5363	9.7758	11.8916
Ga-64	2.0540	1.5254	1.8865	1.9813	2.3785	2.1012	2.4340	2.8223
Ga-65	7.7484	5.6543	7.2382	8.3140	5.7591	4.1548	7.9065	8.7904
Ga-66	5.9906	4.1750	5.5499	6.4265	4.2790	2.9372	6.1810	7.1590
Ga-67	16.3840	11.5259	15.2673	17.8946	10.6961	6.8731	16.4279	18.5846
Ga-68	1.2494	0.8594	1.1602	1.3719	0.7649	0.4608	1.2429	1.4416
Ga-70	0.0632	0.0449	0.0588	0.0678	0.0461	0.0325	0.0656	0.0751
Ga-72	2.9180	2.2078	2.6664	2.7906	3.5494	3.1905	3.4695	4.0406
Ga-73	17.8724	12.5487	16.6590	19.4503	11.7142	7.5084	17.8209	20.5292
Ga-74	3.1407	2.3894	2.8572	2.9690	3.9116	3.4796	3.7441	4.3436
Gd-142	3.7056	2.8381	3.5026	3.8661	3.4000	2.7886	3.9957	4.3125
Gd-143m	8.5252	6.5502	8.0409	8.8072	8.0618	6.7232	9.2511	10.0633
Gd-144	3.4035	2.5745	3.2217	3.5990	2.9156	2.3073	3.5803	3.8712
Gd-145m	5.1666	3.7317	4.8050	5.4935	4.0764	3.0120	5.3379	6.2374
Gd-145	5.0472	3.7953	4.7459	5.2066	4.6972	3.8416	5.4899	5.9775
Gd-146	15.5513	12.0478	14.8145	16.4596	13.4727	10.8982	16.2967	17.3628
Gd-147	10.0109	7.7120	9.4415	10.3742	9.5226	7.9430	10.8883	11.8049
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	9.6990	7.4741	9.2014	10.1651	8.6939	7.0909	10.3382	11.1423
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	8.7106	6.4440	8.2284	9.3908	6.5927	4.8538	8.8919	9.8035
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	9.7143	7.4628	9.2455	10.3631	8.1908	6.4682	10.0505	10.5593
Gd-159	1.6416	1.2455	1.5512	1.7411	1.3965	1.0996	1.7201	1.8069
Gd-162	2.9739	2.2225	2.7547	3.0771	2.7175	2.1333	3.1552	3.6291
Ge-66	16.5792	11.7949	15.4626	17.9710	11.4542	7.7211	16.7447	19.0052
Ge-67	3.1995	2.4853	3.0166	3.2722	3.1258	2.6697	3.6634	3.9021
Ge-68	12.0657	8.2769	11.2105	13.3134	7.1025	4.1055	11.8848	13.7886
Ge-69	10.3896	7.2020	9.6420	11.3215	6.7325	4.2705	10.4313	12.1229
Ge-71	12.2377	8.3949	11.3703	13.5032	7.2038	4.1640	12.0541	13.9851
Ge-75	0.2401	0.1954	0.2266	0.2347	0.2776	0.2555	0.2832	0.2961
Ge-77	4.0994	3.2624	3.8483	4.0602	4.6685	4.1787	4.7836	5.1689
Ge-78	1.6744	1.3668	1.5874	1.6131	2.0007	1.8407	1.9652	2.0989
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	6.1735	4.5932	5.7725	6.5222	5.1025	3.8835	6.4522	6.8183
Hf-169	9.1755	6.7938	8.5009	9.7219	7.5122	5.6644	9.5779	10.1634
Hf-170	16.8419	12.3189	15.6838	18.0462	12.8139	9.3375	17.3847	18.6509

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Hf-172	20.9201	15.1662	19.5054	22.6110	15.0077	10.3917	21.0547	23.4014
Hf-173	14.3623	10.8565	13.4521	15.1503	11.9716	9.3530	15.0057	15.9584
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	10.7165	7.9149	9.9863	11.3868	8.5838	6.4043	11.1229	11.7646
Hf-177m	42.5026	31.8576	39.7552	44.6641	36.2366	28.2823	45.1106	48.2931
Hf-178m	27.7660	20.8045	25.8625	29.1224	24.0590	18.7430	29.4926	31.8970
Hf-179m	21.9393	16.2034	20.4257	23.2719	17.5668	13.1743	22.9086	24.8262
Hf-180m	15.1708	11.3633	14.1371	15.9278	13.0771	10.1554	16.0863	17.1792
Hf-181	7.8481	5.8561	7.2866	8.2432	6.5553	5.0241	8.1982	9.1055
Hf-182	3.3818	2.5920	3.1611	3.4754	3.1384	2.5958	3.6937	3.9193
Hf-182m	16.4093	12.1209	15.2576	17.3939	13.2487	9.9511	17.1229	18.4441
Hf-183	5.4678	4.1626	4.9984	5.6303	5.0770	4.0731	5.8951	6.1191
Hf-184	22.2840	15.7827	20.7659	24.2351	14.8364	9.7224	22.3464	25.3940
Hg-190	19.1301	14.2270	17.8071	20.4282	13.9191	9.5988	18.7161	21.1698
Hg-191m	21.0977	15.6244	19.5473	22.3133	16.3515	11.7529	21.2352	23.8149
Hg-192	19.6982	14.5661	18.3099	21.0587	14.2132	9.6738	19.2150	21.6932
Hg-193	17.6703	13.0527	16.4020	18.8519	12.9272	8.8531	17.3008	19.5920
Hg-193m	12.7061	9.4367	11.7539	13.4295	9.8533	7.0049	12.6568	14.2459
Hg-194	6.6749	4.7472	6.2469	7.3081	4.0399	2.3405	6.2343	7.5374
Hg-195	16.7293	12.2609	15.5372	17.9988	11.5131	7.4851	16.0458	18.3610
Hg-195m	22.2929	16.1742	20.8081	24.1322	14.6906	9.2492	21.1427	24.9259
Hg-197	16.3151	11.9744	15.1492	17.5649	11.1808	7.2427	15.6434	17.8039
Hg-197m	14.7813	10.8455	13.8148	15.9391	10.0058	6.4841	14.0497	16.4998
Hg-199m	13.5428	10.1038	12.6348	14.4556	9.8360	6.7274	13.1398	15.0151
Hg-203	3.2040	2.4998	3.0079	3.2797	2.9443	2.3701	3.3254	3.6920
Hg-205	0.1456	0.1128	0.1374	0.1537	0.1232	0.0950	0.1493	0.1618
Hg-206	1.8582	1.4292	1.7421	1.9249	1.6068	1.2227	1.8629	2.1069
Hg-207	6.5065	4.9554	6.0435	6.5382	6.3668	5.1462	6.9215	7.9242
Ho-150	2.9838	2.2706	2.7599	3.0100	3.1397	2.7154	3.3394	3.7850
Ho-153	6.4045	4.8981	6.0366	6.6706	5.8625	4.7832	6.8653	7.2667
Ho-153m	8.3808	6.3905	7.9051	8.8127	7.4014	5.9648	8.9155	9.4524
Ho-154m	9.8691	7.6327	9.2183	9.9842	10.2291	8.6075	10.8297	12.0144
Ho-154	5.4569	4.1963	5.1257	5.5368	5.5381	4.6454	5.9770	6.5861
Ho-155	9.8972	7.4003	9.3344	10.5613	8.0352	6.1983	10.3456	11.0271
Ho-156	10.0640	7.7211	9.4778	10.4077	9.3933	7.8202	10.9297	11.7659
Ho-157	14.2094	10.7334	13.4147	15.1030	11.8501	9.2677	14.8670	15.6769
Ho-159	15.3026	11.6623	14.4853	16.2406	12.9138	10.2688	16.0467	16.8838
Ho-160	12.5703	9.4334	11.7800	13.2227	11.0052	8.7864	13.3880	14.4629
Ho-161	10.7489	8.0129	10.1681	11.5787	8.3506	6.1430	10.8422	12.4252
Ho-162	8.2981	6.1562	7.8174	8.9363	6.4040	4.7844	8.5582	9.0142

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ho-162m	13.5937	9.9587	12.7641	14.6175	10.3676	7.6509	14.0739	15.2061
Ho-163	0.1973	0.1352	0.1833	0.2178	0.1161	0.0671	0.1947	0.2256
Ho-164	4.9320	3.6525	4.6479	5.3208	3.7714	2.8029	5.0722	5.3438
Ho-164m	13.6869	9.8086	12.8159	14.9089	9.4412	6.4599	13.8105	15.1855
Ho-166	2.4386	1.7538	2.2726	2.6461	1.7020	1.1648	2.4750	2.6832
Ho-166m	10.9657	8.2789	10.2451	11.4056	10.0649	8.2188	11.9616	12.9712
Ho-167	4.2907	3.2705	4.0401	4.4460	3.9739	3.2053	4.5906	4.9390
Ho-168	4.7019	3.4686	4.3626	4.9268	4.0794	3.2198	5.0317	5.5838
Ho-168m	3.8807	2.7184	3.6195	4.2566	2.4751	1.5696	3.8762	4.3651
Ho-170	10.9890	8.2419	10.2719	11.4865	9.7325	7.8333	11.8414	12.8039
I-118m	6.5990	5.1416	6.0741	6.4209	7.8127	6.8658	7.4505	9.1287
I-118	2.2938	1.7838	2.1097	2.2320	2.7069	2.3663	2.5766	3.1764
I-119	4.3274	3.4814	4.1314	4.4047	4.4829	3.8601	4.4791	5.7930
I-120	3.5176	2.7341	3.2814	3.4877	3.9111	3.3460	3.7948	4.8740
I-120m	6.0796	4.7347	5.6031	5.9457	7.0857	6.1604	6.7567	8.4182
I-121	6.3219	5.0739	6.0955	6.5911	6.2860	5.2752	6.3940	8.4560
I-122	1.3176	1.0418	1.2543	1.3614	1.3105	1.0750	1.2914	1.8266
I-123	7.0778	5.6952	6.8122	7.3412	6.9286	5.7747	7.0884	9.5749
I-124	4.8110	3.7900	4.5722	4.9434	4.8400	3.9924	4.7713	6.6780
I-125	8.8517	7.0314	8.5519	9.3519	8.1313	6.4705	8.1914	12.2399
I-126	3.4389	2.7248	3.2691	3.5321	3.4887	2.8876	3.4159	4.7304
I-128	0.5150	0.4093	0.4870	0.5260	0.5347	0.4439	0.5186	0.7036
I-129	4.5263	3.5633	4.3588	4.7933	4.0600	3.3406	4.2125	5.7944
I-130m	2.0910	1.5647	1.9734	2.2267	1.7130	1.2943	2.0357	2.6442
I-130	4.5614	3.5541	4.1478	4.3918	5.6014	4.9832	5.2752	6.2559
I-131	1.5896	1.2598	1.5297	1.6348	1.8510	1.7850	1.9779	1.9336
I-132	4.0069	3.0935	3.6527	3.8510	4.9106	4.4147	4.6831	5.5508
I-132m	4.8697	3.6917	4.6071	5.1511	4.1276	3.1807	4.7869	6.0875
I-133	1.4340	1.1247	1.3004	1.3825	1.7665	1.5540	1.6507	1.9516
I-134m	6.4906	5.1784	6.2346	6.7283	6.3375	5.3551	6.4155	8.4632
I-134	4.1835	3.2274	3.8400	4.0328	5.0726	4.5834	4.8996	5.7916
I-135	1.7294	1.3131	1.5927	1.6357	2.1417	1.9231	2.0896	2.4142
In-103	3.9650	3.1550	3.7444	3.9347	4.5477	4.0245	4.5079	5.2643
In-105	4.8157	3.9274	4.5918	4.8245	5.2278	4.5273	5.0430	6.4319
In-106	5.8256	4.5574	5.3895	5.6875	6.8379	6.0134	6.5153	8.0749
In-106m	2.6676	2.0704	2.4641	2.5792	3.1465	2.7432	2.9905	3.6924
In-107	5.7844	4.6910	5.5699	5.9139	6.0300	5.0218	5.8461	7.7405
In-108	9.9495	7.9010	9.3765	9.8865	11.0658	9.5222	10.6097	13.6612
In-108m	4.3706	3.4719	4.1369	4.3732	4.7189	3.9493	4.4927	6.0231
In-109	7.5638	6.1955	7.3227	7.8222	7.6726	6.3225	7.4710	10.0210

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
In-109m	1.5649	1.2256	1.4378	1.5242	1.8502	1.6141	1.7394	2.1868
In-110	10.3740	8.2575	9.7916	10.4136	11.2549	9.5261	10.7019	14.3457
In-110m	3.4992	2.7997	3.3117	3.5262	3.7412	3.1207	3.5356	4.8197
In-111	9.4456	7.7932	9.1326	9.6752	9.7109	8.1998	9.5868	12.4504
In-111m	1.7649	1.4045	1.6361	1.7499	2.0174	1.7090	1.8885	2.4474
In-112	1.8844	1.5445	1.8328	1.9671	1.8007	1.4090	1.7035	2.5822
In-112m	4.0475	3.2948	3.9315	4.2336	3.8767	3.0296	3.7774	5.7557
In-113m	2.5528	2.0671	2.4383	2.6003	2.6781	2.1795	2.5311	3.5485
In-114	0.0285	0.0233	0.0277	0.0296	0.0277	0.0219	0.0263	0.0392
In-114m	3.0741	2.4699	2.9726	3.2245	2.9067	2.2781	2.9420	4.2474
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	2.9556	2.3976	2.8609	3.0402	2.9914	2.3959	2.8478	4.1339
In-116m	2.8146	2.1447	2.5946	2.6722	3.4790	3.1189	3.3868	3.9465
In-117	3.8324	3.1149	3.5962	3.7779	4.4073	3.9077	4.4119	5.0905
In-117m	2.0044	1.6341	1.9393	2.0543	2.0489	1.6786	2.0020	2.7694
In-118m	3.5423	2.6992	3.2546	3.3796	4.3768	3.9413	4.2484	5.0045
In-118	0.0846	0.0638	0.0779	0.0803	0.1054	0.0948	0.1032	0.1205
In-119	3.1449	2.4131	2.9499	3.2291	3.0871	2.5261	3.2613	4.2282
In-119m	0.8898	0.6897	0.8516	0.9377	0.7814	0.5887	0.8537	1.1909
In-121	1.5051	1.1619	1.3846	1.4495	1.8278	1.6596	1.7698	2.1024
In-121m	2.8821	2.3289	2.7491	2.9928	2.8471	2.2466	2.8000	3.9726
Ir-180	12.7946	9.4433	11.8405	13.4790	10.2455	7.6144	13.1786	14.7017
Ir-182	13.5578	9.9984	12.5662	14.3336	10.6404	7.8285	13.9031	15.4447
Ir-183	19.2949	13.9927	17.7850	20.5891	14.2462	9.8925	19.5305	21.4514
Ir-184	19.6954	14.4690	18.2014	20.7934	15.5614	11.4160	20.2567	22.4184
Ir-185	25.0687	17.9800	23.1772	27.0088	17.3984	11.5593	25.0153	27.8870
Ir-186	18.8197	13.8512	17.3894	19.8382	14.9708	10.9912	19.3621	21.4111
Ir-186m	11.7918	8.6187	10.8678	12.4696	9.1912	6.6621	12.0937	13.3903
Ir-187	17.0313	12.2406	15.6929	18.3246	11.9231	7.9382	17.0251	18.8030
Ir-188	14.5234	10.5867	13.3663	15.3298	11.3545	8.1995	14.9839	16.4148
Ir-189	15.1285	10.8250	13.9619	16.3526	10.2531	6.6617	15.0080	16.6479
Ir-190	17.3982	12.8894	16.0466	18.2631	14.4892	10.8778	18.1564	19.9678
Ir-190m	6.7200	4.6435	6.2527	7.4036	3.9770	2.2984	6.5503	7.6587
Ir-190n	11.0856	7.9879	10.2140	11.9386	7.7056	5.1050	11.0308	12.1067
Ir-191m	15.5568	11.2029	14.4404	16.8298	10.4046	6.7010	15.1654	17.3112
Ir-192	5.3116	4.1175	4.9743	5.3329	5.4419	4.4994	5.7316	6.4400
Ir-192m	7.4687	5.2552	6.9744	8.1965	4.4798	2.5883	7.0871	8.4529
Ir-192n	15.5265	10.9365	14.5004	17.0342	9.3279	5.3944	14.7173	17.5629
Ir-193m	6.6518	4.6065	6.1907	7.3240	3.9482	2.2853	6.4682	7.5726
Ir-194	0.4361	0.3400	0.4103	0.4326	0.4655	0.3920	0.4758	0.5377

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ir-194m	10.7595	8.2874	9.9677	10.8005	11.0803	9.1376	11.5709	13.3814
Ir-195	11.3821	8.2968	10.5629	12.2696	7.8263	5.1125	11.0308	12.4604
Ir-195m	10.1221	7.4705	9.4003	10.7702	7.6285	5.3549	10.0627	11.3429
Ir-196	0.8439	0.6533	0.7835	0.8385	0.9055	0.7645	0.9269	1.0570
Ir-196m	14.2242	10.8150	13.1669	14.5493	13.4586	10.6648	14.8797	17.2616
K-38	1.1279	0.8230	1.0298	1.0374	1.4264	1.2715	1.4038	1.5443
K-40	0.2301	0.1653	0.2123	0.2305	0.2216	0.1789	0.2594	0.2968
K-42	0.2215	0.1651	0.2031	0.2021	0.2803	0.2494	0.2739	0.3088
K-43	2.7769	2.2017	2.5561	2.6651	3.4243	3.0232	3.1858	3.6987
K-44	1.8452	1.3827	1.6935	1.7350	2.3065	2.0756	2.2547	2.5995
K-45	2.7537	2.1850	2.5892	2.6584	3.3073	3.0126	3.3903	3.5607
K-46	1.7810	1.3226	1.6371	1.6623	2.2453	2.0160	2.2201	2.5331
Kr-74	9.6130	7.4716	9.0860	10.1484	7.5246	5.3911	8.9932	10.5917
Kr-75	6.1050	4.8966	5.8196	6.3257	5.2040	4.0453	5.8137	7.0794
Kr-76	17.2733	13.4160	16.4354	18.3355	12.4647	8.1858	14.9100	19.1572
Kr-77	6.0115	4.8675	5.7425	6.2027	5.2263	4.1546	5.7595	7.0045
Kr-79	11.9744	9.2332	11.3788	12.8037	8.0662	4.9320	10.0083	13.2182
Kr-81	11.6140	8.9283	11.0474	12.4899	7.4501	4.3070	9.4784	12.6938
Kr-81m	4.7939	3.9059	4.6194	5.0296	3.8813	2.8085	4.2121	5.3128
Kr-83m	5.2294	3.9557	4.9575	5.6454	3.3192	1.9279	4.4038	5.7719
Kr-85	0.0061	0.0048	0.0055	0.0059	0.0074	0.0064	0.0069	0.0082
Kr-85m	2.9967	2.4924	2.8736	3.0230	2.9130	2.4360	3.0201	3.5416
Kr-87	1.0991	0.8607	1.0087	1.0503	1.3518	1.1905	1.2723	1.4659
Kr-88	3.3648	2.6985	3.1962	3.3686	3.3492	2.7196	3.3205	4.1172
Kr-89	2.5109	1.9595	2.3276	2.4215	2.9883	2.6540	2.9138	3.3371
La-128	5.5131	4.3263	5.1383	5.4076	6.3111	5.6030	6.1656	7.2022
La-129	4.6023	3.6333	4.3862	4.7559	4.4701	3.8729	4.6219	5.5522
La-130	4.4699	3.4880	4.1818	4.4410	4.9289	4.3007	4.8311	5.7753
La-131	6.7819	5.3333	6.4677	7.0622	6.4238	5.5017	6.6804	8.1216
La-132	5.1346	3.9777	4.8075	5.2108	5.2830	4.5518	5.3370	6.5115
La-132m	6.6034	5.1236	6.2454	6.8555	6.1212	5.1601	6.7415	8.0423
La-133	6.8597	5.1368	6.5075	7.3621	5.3424	4.1315	6.4884	8.0729
La-134	1.8587	1.4349	1.7748	1.9682	1.6208	1.3584	1.7519	2.2337
La-135	4.7821	3.6918	4.5773	5.0910	4.0786	3.4019	4.4525	5.7028
La-136	3.1259	2.4131	2.9913	3.3251	2.6764	2.2363	2.9169	3.7339
La-137	4.6569	3.5889	4.4568	4.9629	3.9444	3.2785	4.3340	5.5464
La-138	3.9399	2.9924	3.7135	4.0523	3.7655	3.2012	4.0384	4.9448
La-140	2.9191	2.2375	2.6838	2.7632	3.5574	3.1467	3.4402	3.9449
La-141	0.0233	0.0174	0.0215	0.0218	0.0293	0.0263	0.0289	0.0331
La-142	1.9200	1.4485	1.7522	1.8088	2.3900	2.1395	2.3084	2.6623

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
La-143	0.2796	0.2123	0.2554	0.2644	0.3469	0.3105	0.3345	0.3889
Lu-165	13.6086	10.1650	12.7337	14.4344	11.1927	8.6310	14.2700	15.0342
Lu-167	15.3109	11.3113	14.3173	16.2524	12.4333	9.4530	15.9065	17.4510
Lu-169m	4.9564	3.3978	4.6045	5.4697	2.9162	1.6857	4.8866	5.6655
Lu-169	14.3606	10.5885	13.3998	15.2740	11.5819	8.7833	15.0840	15.9284
Lu-170	12.4224	9.0813	11.5601	13.1463	10.0987	7.6509	13.1036	14.0280
Lu-171m	5.2239	3.5836	4.8528	5.7633	3.0813	1.7858	5.1518	5.9676
Lu-171	21.5133	15.6776	20.0891	23.1680	15.8553	11.2812	21.7010	23.9589
Lu-172	17.6746	12.9678	16.4560	18.7608	14.2747	10.8012	18.5746	20.0421
Lu-172m	4.4563	3.0547	4.1398	4.9178	2.6218	1.5155	4.3941	5.0940
Lu-173	15.4873	11.4518	14.4653	16.6044	12.0248	8.9412	16.0429	16.5739
Lu-174	10.2132	7.4028	9.5208	11.0416	7.4121	5.2415	10.4427	11.0713
Lu-174m	16.7038	11.8497	15.5290	18.1932	11.2075	7.3949	16.8126	18.4975
Lu-176	11.0538	8.1955	10.3713	11.7298	9.0444	6.8761	11.6692	12.5586
Lu-176m	3.5561	2.5227	3.3022	3.8729	2.3648	1.5390	3.5625	3.9429
Lu-177	1.4463	1.0747	1.3565	1.5458	1.1482	0.8680	1.5125	1.6144
Lu-177m	23.8001	17.8700	22.2513	25.1114	20.0499	15.6071	25.2223	26.7217
Lu-178	2.1626	1.5467	2.0103	2.3350	1.5313	1.0483	2.1969	2.4232
Lu-178m	16.8455	12.7609	15.7363	17.6428	14.7997	11.6144	17.8690	18.9006
Lu-179	0.3825	0.3020	0.3634	0.3960	0.3845	0.3346	0.4387	0.4430
Lu-180	7.4841	5.5326	6.9585	7.8034	6.5444	5.1133	8.0184	8.8466
Lu-181	11.8658	8.5575	11.0395	12.7450	8.7830	6.2413	12.1730	13.5039
Mg-27	1.3350	1.0224	1.2236	1.2865	1.6289	1.4858	1.5802	1.8740
Mg-28	4.3259	3.4960	4.1307	4.3309	4.8692	4.3864	4.3586	5.8620
Mn-50m	4.3304	3.2834	3.9720	4.1231	5.3301	4.8149	5.2075	6.0871
Mn-51	0.1240	0.0855	0.1151	0.1358	0.0773	0.0474	0.1237	0.1435
Mn-52	6.6818	4.8655	6.1566	6.7816	6.4248	5.2634	7.4109	8.6468
Mn-52m	1.2813	0.9520	1.1781	1.1968	1.5682	1.3884	1.5679	1.7869
Mn-53	4.0049	2.7439	3.7201	4.4202	2.3554	1.3615	3.9517	4.5789
Mn-54	5.3397	3.7653	4.9414	5.7135	3.9712	2.8379	5.5253	6.4406
Mn-56	1.8096	1.3696	1.6554	1.7228	2.2274	2.0222	2.1684	2.5187
Mn-57	7.3677	5.3972	6.9305	7.9739	4.8495	3.0886	6.8264	8.4742
Mn-58m	2.8920	2.2010	2.6490	2.7582	3.5714	3.2264	3.4691	4.0387
Mo-101	4.4263	3.3585	4.1286	4.5167	4.2675	3.4933	4.7402	5.5459
Mo-102	0.2469	0.2074	0.2381	0.2484	0.2710	0.2454	0.2746	0.3003
Mo-89	0.5525	0.4479	0.5239	0.5506	0.5616	0.4709	0.5256	0.7341
Mo-90	14.7479	12.5759	14.3579	15.1172	13.1342	10.5708	12.1245	18.4716
Mo-91m	1.8726	1.4921	1.7539	1.8320	2.0416	1.7466	1.9196	2.5227
Mo-91	0.5467	0.4681	0.5354	0.5670	0.4451	0.3347	0.3983	0.6890
Mo-93	8.2466	7.0778	8.0869	8.5746	6.6373	4.9588	5.9272	10.3705

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Mo-93m	6.2658	5.0846	5.9364	6.1887	6.6180	5.6630	6.2556	8.1641
Mo-99	0.9007	0.7455	0.8630	0.9090	0.9332	0.8056	0.8957	1.1346
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	0.7182	0.5232	0.6508	0.6578	0.9303	0.7854	0.9122	1.0727
Na-22	1.2334	0.9221	1.1387	1.1647	1.5447	1.3932	1.5291	1.7709
Na-24	2.2863	1.6885	2.0974	2.1266	2.8933	2.6133	2.8514	3.2304
Nb-87	8.8371	7.5127	8.6244	9.1417	7.8201	6.2565	7.4950	10.8735
Nb-88m	5.4466	4.2683	5.0356	5.2552	6.4194	5.6597	6.1057	7.4330
Nb-88	11.9703	9.8263	11.3398	11.9724	11.9647	9.9081	11.2251	15.4445
Nb-89	2.6004	2.1863	2.5218	2.6652	2.2067	1.6824	2.0283	3.2976
Nb-89m	3.0179	2.5033	2.8648	3.0496	2.9004	2.3261	2.6565	3.8903
Nb-90	11.0852	9.2161	10.6655	11.1860	10.3671	8.4217	9.7826	14.2010
Nb-91	9.0017	7.7154	8.8129	9.3715	6.9973	5.0609	6.3157	11.2134
Nb-91m	7.0899	6.0708	6.9472	7.3739	5.6996	4.2536	5.1254	8.9059
Nb-92	11.3772	9.5285	10.9545	11.6283	10.0559	7.8341	9.2295	14.5551
Nb-92m	10.3950	8.7850	10.0935	10.7121	8.6812	6.5844	7.9412	13.1741
Nb-93m	1.7487	1.4530	1.7005	1.8359	1.3475	0.9793	1.3309	2.1675
Nb-94m	5.6925	4.8664	5.5762	5.9253	4.5616	3.3990	4.1242	7.1468
Nb-94	2.6536	2.0423	2.4218	2.5568	3.2407	2.9364	3.1069	3.7001
Nb-95	1.3364	1.0280	1.2200	1.2941	1.6244	1.4809	1.5663	1.8556
Nb-95m	6.0095	5.1417	5.8793	6.2246	5.0168	3.8581	4.5620	7.5380
Nb-96	4.2988	3.3298	3.9351	4.1420	5.2543	4.7285	5.0327	5.9323
Nb-97	1.3628	1.0574	1.2363	1.3047	1.6799	1.4985	1.5769	1.8884
Nb-98m	4.2810	3.3002	3.9320	4.1166	5.1856	4.6741	4.9963	5.9010
Nb-99	8.0240	6.8725	7.8172	8.2126	7.5923	6.3315	7.0747	9.6386
Nb-99m	1.6494	1.3482	1.5703	1.6429	1.7281	1.4704	1.6215	2.0836
Nd-134	7.0847	5.5788	6.7590	7.3722	6.6871	5.6974	7.4641	8.3463
Nd-135	8.6116	6.6331	8.1711	9.0531	7.7931	6.4211	9.0471	10.0951
Nd-136	9.5835	7.3815	9.1305	10.1674	8.2200	6.6576	9.6362	11.0217
Nd-137	7.8212	6.0544	7.3904	8.1554	7.2150	6.0035	8.0418	9.2003
Nd-138	4.9178	3.7724	4.6945	5.2439	4.1257	3.3306	4.8533	5.6862
Nd-139	3.9690	3.0483	3.7779	4.2038	3.4338	2.7998	3.9638	4.6449
Nd-139m	9.9153	7.6946	9.3872	10.2807	9.4415	8.0026	10.3011	11.9384
Nd-140	4.7446	3.6320	4.5278	5.0681	3.9402	3.1663	4.6681	5.4782
Nd-141	4.7107	3.6102	4.4960	5.0270	3.9347	3.1719	4.6409	5.4463
Nd-141m	1.6251	1.2468	1.4985	1.6133	1.8192	1.6169	1.8370	2.1570
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	3.9347	3.0760	3.7306	4.1392	3.5490	2.8935	4.0789	4.3633
Nd-149	4.5962	3.6377	4.3652	4.7375	4.5432	3.8952	5.0077	5.3677
Nd-151	4.3157	3.4529	4.0814	4.3571	4.5478	4.0008	4.7523	5.2070

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Nd-152	3.0656	2.3862	2.9098	3.1922	2.6308	2.0838	3.0268	3.6900
Ne-19	0.0004	0.0003	0.0003	0.0004	0.0004	0.0004	0.0004	0.0004
Ne-24	1.4529	1.1503	1.3193	1.4003	1.8003	1.5780	1.6685	1.9496
Ni-56	12.1816	8.9546	11.3331	12.7563	10.2825	8.0260	13.1119	14.7858
Ni-57	5.5378	3.9337	5.1453	5.8543	4.2689	3.1058	5.8091	6.6952
Ni-59	6.9440	4.7576	6.4502	7.6640	4.0839	2.3607	6.8518	7.9392
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.5713	0.4321	0.5260	0.5343	0.7134	0.6376	0.6934	0.7985
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	21.7862	17.3878	20.8624	22.8614	17.4143	12.6680	18.8868	25.2308
Np-233	10.8560	8.7160	10.4296	11.4852	8.3433	5.9029	9.1638	12.1684
Np-234	15.5456	12.3600	14.8837	16.3705	12.0185	8.5095	13.2790	17.8638
Np-235	8.5948	6.6929	8.2141	9.1993	5.8832	3.7733	7.0884	9.8860
Np-236	31.2686	24.9492	30.0325	33.1584	23.1612	15.9522	25.9338	35.9145
Np-236m	6.7957	5.4441	6.5282	7.1982	5.1510	3.6051	5.6897	7.6689
Np-237	13.6847	10.8746	13.1227	14.5452	9.9129	6.6712	11.1907	15.7891
Np-238	7.4511	5.8950	7.1288	7.8440	5.7723	4.1108	6.3503	8.8842
Np-239	16.0627	12.6845	15.3899	17.0336	12.3219	8.8151	14.0421	18.4130
Np-240	21.5552	17.1533	20.6413	22.6886	16.9466	12.2186	18.5151	25.4258
Np-240m	6.6331	5.2610	6.3426	6.9884	5.1224	3.6247	5.6223	7.8613
Np-241	4.1457	3.3211	3.9864	4.3844	3.2126	2.3059	3.5349	4.7476
Np-242	1.3126	1.0321	1.2477	1.3617	1.1029	0.8283	1.1836	1.5987
Np-242m	20.6673	16.4196	19.8035	21.7946	15.9974	11.4489	17.6392	24.4261
O-14	1.0987	0.8017	1.0019	1.0120	1.3972	1.2446	1.3702	1.5126
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	2.6669	2.1557	2.5557	2.6734	3.1550	2.8946	3.2831	3.3015
Os-180	16.8396	12.1263	15.6119	18.1912	11.6718	7.7675	16.6698	18.6737
Os-181	19.4395	14.1613	17.9350	20.6613	14.9350	10.8054	20.0719	21.7896
Os-182	16.5784	11.9773	15.3267	17.7889	12.0879	8.3977	16.8940	18.5439
Os-183	20.5638	15.0151	18.9527	21.8957	15.6432	11.1365	21.0441	22.6823
Os-183m	11.4017	8.2350	10.4928	12.1404	8.5993	6.0893	11.7067	12.7969
Os-185	11.0072	7.9723	10.1120	11.7073	8.3847	5.9640	11.2890	12.3598
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	6.4585	4.4521	6.0065	7.1191	3.8154	2.2052	6.3174	7.3673
Os-190m	16.2012	11.9039	15.0440	17.0707	13.3110	9.9367	16.8632	19.1955
Os-191	15.6943	11.3290	14.5594	16.9533	10.6068	6.8944	15.3387	17.4334
Os-191m	7.1165	4.9519	6.6084	7.8099	4.3362	2.5752	6.9641	8.0474
Os-193	3.6504	2.6517	3.3830	3.9208	2.5782	1.7310	3.6094	4.0676
Os-194	5.7820	4.0718	5.4008	6.3417	3.5343	2.1002	5.5506	6.5424
Os-196	2.3851	1.7713	2.2037	2.5224	1.8669	1.3546	2.4225	2.6510

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
P-30	0.0013	0.0009	0.0012	0.0013	0.0013	0.0011	0.0015	0.0017
P-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pa-227	6.5486	5.1528	6.2415	6.9662	4.6809	3.1068	5.4827	7.3811
Pa-228	27.6411	21.8968	26.3836	29.1495	21.0638	14.7267	23.6297	31.7592
Pa-229	11.3451	9.0335	10.8551	12.0356	8.3980	5.7389	9.5223	12.6587
Pa-230	16.8578	13.3973	16.1025	17.7964	12.8015	8.9229	14.2956	19.2670
Pa-231	14.8182	11.4654	14.1334	15.8688	10.1665	6.5204	12.4166	17.1258
Pa-232	12.1987	9.6773	11.6444	12.7975	9.6155	6.9196	10.5214	14.4633
Pa-233	13.9119	11.0469	13.3350	14.7047	10.5320	7.3359	11.7858	15.9342
Pa-234	24.5118	19.5195	23.4414	25.7523	19.3101	13.9438	21.1596	28.6525
Pa-234m	0.1899	0.1504	0.1813	0.1994	0.1495	0.1075	0.1645	0.2219
Pa-235	2.3423	1.6076	2.1765	2.5842	1.3793	0.7973	2.3055	2.6762
Pa-236	8.3009	6.5687	7.9131	8.6883	6.5757	4.7200	7.1689	9.8210
Pa-237	2.9619	2.1807	2.7477	3.0953	2.5153	1.9248	3.0473	3.6459
Pb-194	16.3110	12.3498	15.1857	17.2266	12.6814	9.0228	15.8888	18.0503
Pb-195m	22.6529	17.1053	21.1545	23.9354	17.3859	12.1611	21.5776	25.5990
Pb-196	16.2430	12.3206	15.1258	17.1947	12.4354	8.7726	15.7143	17.8271
Pb-197	12.9895	9.8267	12.0700	13.6295	10.4172	7.5384	12.7574	14.5864
Pb-197m	20.2186	15.3158	18.8850	21.3735	15.5489	10.9301	19.3403	22.6492
Pb-198	15.9355	12.0809	14.8690	16.8729	12.1476	8.5354	15.3638	17.5286
Pb-199	12.4919	9.4470	11.6222	13.1579	9.7785	6.9575	12.1506	13.8795
Pb-200	18.0575	13.6622	16.8715	19.2256	13.2196	9.0390	17.1387	19.7635
Pb-201	14.0643	10.6644	13.1150	14.8108	11.0666	7.9031	13.6631	15.6208
Pb-201m	5.3041	4.0423	4.9395	5.5817	4.1560	2.9447	5.0509	5.9462
Pb-202	6.4666	4.5537	6.0397	7.0956	3.8811	2.2428	6.1290	7.3183
Pb-202m	8.7686	6.7365	8.1486	8.9748	8.0927	6.3589	8.8486	10.6485
Pb-203	13.5371	10.2710	12.6270	14.3185	10.3437	7.3007	13.0782	14.8402
Pb-204m	5.4003	4.1807	5.0037	5.3609	5.7913	4.9306	5.8783	6.9364
Pb-205	6.5448	4.6090	6.1128	7.1813	3.9282	2.2700	6.2027	7.4066
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	6.7835	5.0709	6.4158	7.3410	4.3322	2.5831	5.9045	7.5532
Pb-211	0.3150	0.2445	0.2925	0.3211	0.2988	0.2379	0.3203	0.3788
Pb-212	5.6444	4.4076	5.3046	5.9310	4.4975	3.2803	5.3725	6.1744
Pb-214	5.4004	4.1810	5.0846	5.6563	4.3499	3.1505	5.1136	6.0547
Pd-100	14.4633	12.2301	13.9961	14.9231	14.0497	11.4846	13.0300	16.4656
Pd-101	12.1470	10.1806	11.8890	12.6001	11.5360	9.2923	10.5078	14.6353
Pd-103	6.2604	5.2631	6.1463	6.5289	5.8125	4.6322	5.2814	7.4540
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	3.3395	2.7831	3.2577	3.4552	3.3736	2.8448	3.2931	4.1025

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pd-109	3.0328	2.4744	2.9474	3.1856	2.7610	2.1338	2.7078	3.8923
Pd-111	0.1558	0.1253	0.1451	0.1539	0.1750	0.1496	0.1660	0.2002
Pd-112	3.2831	2.7456	3.2063	3.4363	2.7338	2.0764	2.5945	3.9695
Pd-114	0.3192	0.2687	0.3071	0.3185	0.3549	0.3218	0.3470	0.4014
Pd-96	8.0588	6.7032	7.7734	8.1832	8.2711	7.0464	7.6953	9.9880
Pd-97	4.9610	4.0263	4.7247	4.9361	5.3941	4.6635	5.1059	6.2822
Pd-98	10.3054	8.6708	10.0419	10.6314	10.1230	8.3829	9.3194	12.0944
Pd-99	6.7041	5.6049	6.4856	6.7964	6.8802	5.8881	6.4775	8.2417
Pm-136	4.8387	3.7832	4.4807	4.7298	5.6507	4.9844	5.4826	6.3813
Pm-137m	9.5498	7.5271	9.0550	9.8276	9.4732	8.1135	10.2736	11.3135
Pm-139	2.2511	1.7346	2.1300	2.3519	2.0627	1.6950	2.3273	2.6531
Pm-140m	6.0141	4.6426	5.5803	5.9876	6.6107	5.7728	6.7144	7.8332
Pm-140	0.7650	0.5864	0.7216	0.7941	0.7181	0.5993	0.8062	0.9248
Pm-141	2.6846	2.0502	2.5530	2.8433	2.3094	1.8663	2.7349	3.1203
Pm-142	1.1925	0.9100	1.1349	1.2669	1.0070	0.8067	1.2042	1.3750
Pm-143	5.3609	4.0933	5.0879	5.6798	4.6157	3.7333	5.4483	6.2504
Pm-144	8.2333	6.3339	7.6941	8.4406	8.1414	6.8534	8.7562	10.1775
Pm-145	5.1561	3.9151	4.9025	5.5189	4.1901	3.2897	5.1592	5.8741
Pm-146	4.9282	3.7951	4.6260	5.0941	4.7389	3.9577	5.1906	5.9893
Pm-147	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Pm-148	0.7636	0.5848	0.6966	0.7239	0.9453	0.8410	0.9070	1.0575
Pm-148m	5.1441	4.0057	4.7119	5.0166	6.0380	5.2955	5.8617	6.8348
Pm-149	0.1145	0.0873	0.1080	0.1176	0.1074	0.0882	0.1235	0.1384
Pm-150	2.6398	2.0532	2.4652	2.5354	3.1849	2.8243	3.0696	3.5222
Pm-151	3.9329	3.0674	3.7219	4.0649	3.7740	3.1473	4.2543	4.5928
Pm-152m	6.9293	5.4481	6.5403	7.0050	7.1200	6.1981	7.6981	8.4667
Pm-152	1.5352	1.1963	1.4500	1.5788	1.4761	1.2509	1.6500	1.8477
Pm-153	3.7601	2.9074	3.5701	3.9688	3.2315	2.6104	3.8389	4.3684
Pm-154	4.4262	3.3268	4.1249	4.5351	4.2110	3.4612	4.8558	5.3509
Pm-154m	7.4305	5.7220	6.9659	7.6037	7.2797	6.1013	8.2156	8.8440
Po-203	15.9809	12.3568	14.9935	16.7864	12.6236	9.0287	14.9938	17.8518
Po-204	31.9295	24.3045	29.9376	33.9333	23.4651	15.9561	29.6007	35.3077
Po-205	14.7778	11.3909	13.8292	15.5044	11.7535	8.4579	13.9857	16.5399
Po-206	23.9490	18.3513	22.5104	25.3693	17.8287	12.1475	21.8881	26.6832
Po-207	13.3053	10.2739	12.4471	13.9514	10.6201	7.6436	12.5769	14.8657
Po-208	0.0006	0.0004	0.0005	0.0006	0.0004	0.0003	0.0005	0.0006
Po-209	0.4288	0.3026	0.3991	0.4678	0.2732	0.1699	0.4200	0.4870
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-211	0.0176	0.0136	0.0161	0.0172	0.0202	0.0177	0.0198	0.0235
Po-212m	0.0598	0.0452	0.0544	0.0569	0.0726	0.0638	0.0706	0.0811

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Po-212	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-214	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	0.0002
Po-215	0.0007	0.0006	0.0007	0.0007	0.0008	0.0007	0.0008	0.0009
Po-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-134	7.4398	5.8380	6.9383	7.3593	8.4167	7.3946	8.3065	9.6160
Pr-134m	3.4303	2.6703	3.1840	3.3882	3.8398	3.3372	3.7998	4.4237
Pr-135	5.9714	4.6642	5.6786	6.2420	5.5136	4.6364	6.0436	6.9990
Pr-136	4.5786	3.5390	4.2556	4.6054	4.8516	4.1695	4.9291	5.8539
Pr-137	3.7353	2.8739	3.5647	3.9671	3.2002	2.6274	3.6433	4.3883
Pr-138	1.2456	0.9575	1.1881	1.3224	1.0690	0.8788	1.2159	1.4661
Pr-138m	8.5106	6.5849	8.0187	8.6337	8.7434	7.5818	9.0903	10.7406
Pr-139	4.3743	3.3630	4.1800	4.6629	3.6852	3.0095	4.2319	5.1089
Pr-140	2.3340	1.7947	2.2305	2.4880	1.9666	1.6060	2.2575	2.7257
Pr-142	0.0445	0.0331	0.0407	0.0404	0.0561	0.0497	0.0549	0.0616
Pr-142m	0.3151	0.2159	0.2927	0.3478	0.1853	0.1071	0.3109	0.3603
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0296	0.0225	0.0270	0.0280	0.0367	0.0329	0.0354	0.0410
Pr-144m	3.0739	2.2559	2.9024	3.3260	2.2609	1.6567	3.0285	3.5354
Pr-145	0.0877	0.0677	0.0820	0.0899	0.0861	0.0727	0.0938	0.1058
Pr-146	1.4465	1.1185	1.3218	1.3787	1.7822	1.5778	1.7003	1.9664
Pr-147	7.9004	6.1098	7.4822	8.2959	7.0677	5.7769	8.1440	9.0692
Pr-148	2.0724	1.6274	1.9445	1.9962	2.4787	2.2128	2.4008	2.7228
Pr-148m	3.1862	2.5331	2.9843	3.0869	3.7924	3.3630	3.6317	4.1238
Pt-184	35.7393	26.0933	33.0479	38.2556	25.9617	17.8322	35.7790	39.5210
Pt-186	15.9210	11.6253	14.6668	16.9617	11.8619	8.2620	16.0028	17.6874
Pt-187	22.1115	16.1526	20.4279	23.6487	16.1145	11.0650	22.0674	24.3349
Pt-188	17.4572	12.6974	16.1464	18.7526	12.4277	8.3949	17.4011	19.2002
Pt-189	22.2597	16.2021	20.5456	23.8479	15.9709	10.8140	22.1267	24.4816
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	20.5618	14.9786	18.9523	22.0250	14.7466	9.9570	20.4377	22.4747
Pt-193	6.8893	4.8193	6.4258	7.5702	4.1142	2.3773	6.5949	7.8154
Pt-193m	8.7396	6.1687	8.1299	9.5550	5.4245	3.2528	8.4269	9.8170
Pt-195m	22.4594	16.1641	20.8732	24.3567	14.7898	9.3330	21.6636	24.8701
Pt-197	6.3837	4.6534	5.9606	6.9151	4.2024	2.6379	6.0439	7.0734
Pt-197m	15.1191	10.9128	14.0691	16.3808	9.9263	6.2094	14.4475	16.7723
Pt-199	2.0139	1.5110	1.8721	2.1093	1.6870	1.2674	2.0560	2.3488
Pt-200	8.6974	6.3704	8.0987	9.3730	5.9609	3.8896	8.3696	9.6004
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pu-232	8.0425	6.4601	7.7356	8.5089	6.2171	4.4350	6.8031	9.0763
Pu-234	9.7666	7.8217	9.3885	10.3449	7.4642	5.2777	8.2377	11.0521
Pu-235	13.9765	11.1660	13.4296	14.8180	10.5824	7.4295	11.7597	15.8604
Pu-236	2.5479	2.0220	2.4466	2.7131	1.7961	1.1800	2.0454	2.9468
Pu-237	11.4611	9.0885	10.9899	12.1804	8.4641	5.8191	9.6100	13.0676
Pu-238	2.3572	1.8706	2.2635	2.5101	1.6606	1.0901	1.8916	2.7257
Pu-239	1.4554	1.1049	1.3830	1.5677	0.9716	0.6163	1.2532	1.6761
Pu-240	2.2155	1.7582	2.1275	2.3592	1.5612	1.0252	1.7782	2.5621
Pu-241	0.0004	0.0003	0.0004	0.0004	0.0003	0.0002	0.0003	0.0004
Pu-242	1.8998	1.5076	1.8242	2.0230	1.3386	0.8790	1.5247	2.1969
Pu-243	3.3469	2.6818	3.1851	3.5255	2.6583	1.9318	2.9557	3.7573
Pu-244	1.6066	1.2749	1.5418	1.7076	1.1477	0.7627	1.3004	1.8627
Pu-245	4.9250	3.9509	4.7141	5.1027	4.3306	3.3585	4.5065	5.8459
Pu-246	11.9568	9.5832	11.5016	12.6209	9.6211	7.1591	10.5720	13.8045
Ra-219	3.4088	2.6939	3.2363	3.5421	2.8792	2.1434	3.1834	3.8437
Ra-220	0.0178	0.0141	0.0164	0.0176	0.0199	0.0168	0.0192	0.0228
Ra-221	6.5994	5.1132	6.2727	7.0447	4.6252	3.0268	5.6957	7.4164
Ra-222	0.0743	0.0593	0.0709	0.0744	0.0756	0.0618	0.0755	0.0894
Ra-223	9.2757	7.1960	8.7628	9.8352	6.9698	4.8539	8.4683	10.2648
Ra-224	0.1775	0.1424	0.1685	0.1827	0.1605	0.1301	0.1767	0.2055
Ra-225	4.4345	3.5157	4.2564	4.7139	3.3318	2.3441	3.8440	5.0410
Ra-226	1.3861	1.0556	1.3318	1.4209	1.6505	1.5794	1.7723	1.7103
Ra-227	13.6547	10.6445	13.0298	14.5469	9.8123	6.5443	11.5970	15.8869
Ra-228	1.4093	1.0753	1.3500	1.4549	1.6746	1.6068	1.8058	1.7373
Ra-230	4.8203	3.7628	4.5616	5.1065	3.6466	2.5481	4.3212	5.3809
Rb-77	5.3205	4.3277	4.9412	5.3950	4.9802	3.8876	5.1282	5.7335
Rb-78m	3.8975	3.0522	3.5986	3.7801	4.5236	3.9208	4.3338	5.0966
Rb-78	3.6054	2.8122	3.3515	3.5599	3.7775	3.1082	3.7355	4.5830
Rb-79	8.5488	6.9485	8.1696	8.8519	7.0801	5.1633	7.4457	9.7373
Rb-80	0.5720	0.4504	0.5281	0.5657	0.6057	0.5005	0.5857	0.7352
Rb-81	8.6897	7.0210	8.3307	9.1676	6.1478	3.7966	6.6339	9.4907
Rb-81m	8.1217	6.7958	7.8703	8.5354	5.7202	3.4928	5.6527	8.7760
Rb-82	0.7249	0.5775	0.6869	0.7493	0.6028	0.4374	0.6282	0.8466
Rb-82m	13.1419	10.4668	12.4267	13.5014	11.2626	8.2748	11.6112	15.4875
Rb-83	12.6746	10.1745	12.1084	13.3541	9.1411	5.7669	9.9339	13.9921
Rb-84	8.5925	6.9114	8.2241	9.0318	6.2582	4.0166	6.7312	9.5374
Rb-84m	5.5211	4.5918	5.2952	5.6525	4.8875	3.7488	4.8418	6.3260
Rb-86m	1.5005	1.1872	1.3681	1.4572	1.7638	1.5156	1.6431	1.9961
Rb-86	0.1131	0.0859	0.1041	0.1078	0.1392	0.1257	0.1354	0.1612
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Rb-88	0.4889	0.3651	0.4475	0.4560	0.6106	0.5491	0.5962	0.6790
Rb-89	2.1340	1.6107	1.9605	2.0200	2.6493	2.3879	2.5817	3.0163
Rb-90	1.1183	0.8406	1.0229	1.0629	1.3870	1.2547	1.3602	1.5824
Rb-90m	2.8407	2.1633	2.6150	2.7248	3.3870	3.0298	3.3096	3.9080
Re-178	14.3997	10.4555	13.3439	15.3672	10.9257	7.8774	14.8495	16.1579
Re-179	15.7728	11.5246	14.5795	16.7251	12.3782	9.0351	16.3382	17.7497
Re-180	16.2509	11.7332	15.0235	17.3913	12.1125	8.5831	16.6269	18.2176
Re-181	18.9317	13.7212	17.4883	20.2097	14.2520	10.0974	19.3938	21.1170
Re-182	33.4961	24.4978	31.0256	35.6511	25.8641	18.8470	34.7268	37.3732
Re-182m	19.0452	13.8511	17.5538	20.3000	14.4610	10.3282	19.6049	20.9869
Re-183	22.1558	15.8905	20.5170	23.9400	15.4761	10.4659	22.4173	24.4248
Re-184	14.2715	10.3326	13.1789	15.2480	10.7360	7.6671	14.6389	15.9722
Re-184m	18.1404	13.0000	16.8037	19.5721	12.7610	8.6689	18.3530	20.2236
Re-186	2.0267	1.4771	1.8806	2.1736	1.4636	1.0206	2.0437	2.2619
Re-186m	18.4400	12.8335	17.1462	20.2485	11.2715	6.7454	18.0862	20.8748
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	1.5250	1.1309	1.4187	1.6126	1.1999	0.8907	1.5869	1.7495
Re-188m	16.9596	12.0455	15.6730	18.4001	11.3514	7.3480	16.9267	18.7343
Re-189	2.2242	1.6205	2.0722	2.3861	1.6369	1.1586	2.2693	2.5210
Re-190	6.8326	5.2582	6.3443	6.9424	6.9121	5.7903	7.5845	8.3599
Re-190m	11.2304	8.2681	10.3921	11.8415	9.1627	6.8430	11.7067	12.9660
Rh-100m	8.5977	7.1813	8.4016	8.9650	7.9727	6.3821	7.3860	10.1779
Rh-100	9.6438	7.9192	9.2544	9.7601	9.6800	7.9904	8.9326	12.1149
Rh-101	11.0112	9.3180	10.7612	11.3423	10.6509	8.9034	10.0091	13.2830
Rh-101m	8.2559	6.9327	8.0687	8.4878	7.8349	6.3374	7.1397	10.0079
Rh-102	5.1555	4.3158	4.9997	5.3043	4.8946	3.9400	4.4463	6.3173
Rh-102m	11.1328	9.1359	10.6270	11.2519	11.3861	9.4886	10.4875	14.1067
Rh-103m	1.1382	0.8836	1.0926	1.2157	0.8966	0.6541	1.0281	1.3328
Rh-104	0.0601	0.0491	0.0568	0.0603	0.0637	0.0534	0.0584	0.0770
Rh-104m	7.7175	6.4662	7.5346	8.0383	7.3961	6.0766	6.9704	8.7375
Rh-105	0.4258	0.3446	0.4093	0.4113	0.5091	0.4466	0.4712	0.5397
Rh-106	0.4657	0.3651	0.4220	0.4476	0.5758	0.5065	0.5359	0.6359
Rh-106m	5.0763	3.9492	4.6423	4.8738	6.2429	5.5656	5.9349	6.9476
Rh-107	1.6314	1.3236	1.5556	1.5765	1.9523	1.7322	1.8290	2.0724
Rh-108	0.9046	0.7182	0.8257	0.8715	1.1123	0.9740	1.0288	1.2092
Rh-109	2.5139	2.0684	2.4184	2.5028	2.7954	2.4283	2.6419	3.1327
Rh-94	3.2085	2.4607	2.9632	3.0440	3.9268	3.5187	3.7970	4.4304
Rh-95	3.9129	3.1432	3.7166	3.8961	4.1641	3.5551	3.9251	5.0965
Rh-95m	1.9936	1.6009	1.8599	1.9736	2.2404	1.9188	2.0774	2.6014
Rh-96	7.1372	5.6515	6.6536	7.0120	8.0679	7.0465	7.6059	9.5227

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Rh-96m	3.9346	3.2100	3.7899	4.0176	3.9135	3.2387	3.6810	4.8903
Rh-97	4.5780	3.7750	4.3863	4.6328	4.6564	3.8644	4.2816	5.7360
Rh-97m	8.4062	6.9491	8.1254	8.5605	8.3810	6.9773	7.8860	10.3848
Rh-98	2.1897	1.7416	2.0386	2.1483	2.4733	2.1412	2.3072	2.9092
Rh-99	12.0192	10.1169	11.6863	12.3806	11.4004	9.2086	10.4050	14.3734
Rh-99m	8.2651	6.9136	8.0434	8.4745	7.9304	6.4297	7.2237	10.0986
Rn-207	10.3059	8.0701	9.6938	10.7415	8.5568	6.3079	9.6783	11.6685
Rn-209	11.8280	9.2501	11.1148	12.3450	9.7319	7.1338	11.0829	13.3626
Rn-210	1.1726	0.9095	1.1045	1.2375	0.9009	0.6314	1.0706	1.3157
Rn-211	13.6793	10.6369	12.8477	14.2455	11.3288	8.3627	12.9026	15.7631
Rn-212	0.0007	0.0006	0.0007	0.0007	0.0009	0.0008	0.0008	0.0010
Rn-215	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0019	0.0015	0.0018	0.0019	0.0023	0.0020	0.0022	0.0026
Rn-219	0.5954	0.4735	0.5601	0.6053	0.5644	0.4569	0.6035	0.6976
Rn-220	1.5028	1.1655	1.4425	1.5530	1.7690	1.7051	1.9133	1.8303
Rn-222	0.0013	0.0010	0.0011	0.0012	0.0014	0.0012	0.0014	0.0016
Rn-223	11.4996	8.8163	10.8796	12.2573	8.2500	5.5200	10.2085	13.0780
Ru-103	1.4218	1.1288	1.2928	1.3784	1.7363	1.5119	1.6054	1.8977
Ru-105	3.0318	2.4520	2.8633	3.0143	3.3522	2.9034	3.1516	3.8934
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	0.9529	0.7628	0.8956	0.9397	1.1161	0.9971	1.0915	1.2268
Ru-108	1.6387	1.3700	1.5804	1.6655	1.6718	1.4379	1.6812	1.9542
Ru-92	21.0592	17.7629	20.4674	21.5622	20.2274	16.8757	19.0521	25.5629
Ru-94	8.9748	7.5577	8.7352	9.2259	8.2564	6.5808	7.4791	11.0808
Ru-95	8.7601	7.3088	8.4916	8.9255	8.3709	6.7931	7.6448	10.9419
Ru-97	9.5462	8.0787	9.3345	9.8729	8.7919	7.1264	8.1925	11.6047
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	0.9967	0.7284	0.9159	0.9303	1.2664	1.1916	1.2617	1.4236
S-38	0.9985	0.7311	0.9130	0.9132	1.2631	1.1280	1.2421	1.3647
Sb-111	3.8768	3.1503	3.6792	3.8863	4.2601	3.6884	4.2479	5.2696
Sb-113	3.2807	2.6219	3.0973	3.3193	3.5441	2.9206	3.3819	4.6483
Sb-114	2.9085	2.2422	2.7284	2.8514	3.3388	2.8821	3.2694	4.1873
Sb-115	4.4172	3.5327	4.1949	4.5295	4.5904	3.6963	4.4104	6.4088
Sb-116	3.7389	2.9196	3.5478	3.7625	4.0232	3.3486	3.9516	5.4761
Sb-116m	11.2039	8.9298	10.6548	11.3461	11.9895	10.0254	11.6557	15.8245
Sb-117	6.8901	5.5986	6.6513	7.1223	6.9106	5.6299	6.9565	9.8478
Sb-118	1.2545	1.0063	1.2143	1.3155	1.2054	0.9308	1.1824	1.8738
Sb-118m	12.8568	10.2879	12.3036	13.1034	13.4804	11.2542	13.2963	18.3114

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Sb-119	6.2986	4.9950	6.0857	6.6645	5.7116	4.2930	5.8701	9.0847
Sb-120	2.6928	2.1643	2.6110	2.8330	2.5603	1.9621	2.5121	4.0288
Sb-120m	12.2135	9.8659	11.6588	12.4589	13.0588	11.0203	12.9189	16.4048
Sb-122m	7.9954	6.3020	7.5083	8.3475	7.3888	5.7677	7.8998	9.9983
Sb-122	1.1470	0.9000	1.0454	1.1120	1.3867	1.2094	1.2967	1.5852
Sb-124	2.4531	1.8808	2.2297	2.3159	3.0532	2.7111	2.8970	3.3916
Sb-124m	1.8892	1.3938	1.7308	1.9378	1.7754	1.4116	2.0326	2.3946
Sb-124n	1.0986	0.7527	1.0205	1.2125	0.6462	0.3736	1.0840	1.2561
Sb-125	4.4025	3.5050	4.1942	4.5352	4.4473	3.6901	4.3632	6.0137
Sb-126	5.9583	4.6472	5.4372	5.7353	7.2992	6.5162	6.8906	8.1671
Sb-126m	3.7421	2.9151	3.4147	3.6215	4.4952	3.9626	4.2814	5.0702
Sb-127	1.9319	1.5212	1.7770	1.8851	2.2862	2.0227	2.1835	2.6066
Sb-128	6.7091	5.2336	6.1757	6.4727	8.1701	7.3150	7.7546	9.1465
Sb-128m	4.4792	3.5007	4.1638	4.3361	5.3935	4.8328	5.1474	6.0407
Sb-129	2.2282	1.7169	2.0439	2.1395	2.7227	2.4547	2.6256	3.0801
Sb-130m	5.2578	4.0951	4.8743	5.1402	6.2485	5.6581	6.1538	7.1745
Sb-130	7.8661	6.1957	7.3469	7.6927	9.3245	8.3829	9.1168	10.5226
Sb-131	2.7992	2.1503	2.5741	2.6739	3.4207	3.0731	3.2992	3.8881
Sb-133	2.7653	2.0965	2.5405	2.6149	3.4308	3.0882	3.3336	3.8671
Sc-42m	3.8277	2.9290	3.5116	3.6072	4.7756	4.2400	4.5960	5.2892
Sc-43	0.5626	0.4244	0.5241	0.5742	0.5410	0.4330	0.6031	0.6928
Sc-44	1.3927	1.0426	1.2841	1.3392	1.6577	1.4765	1.6703	1.9623
Sc-44m	1.7456	1.3926	1.6454	1.7161	1.9370	1.7461	2.0208	2.1669
Sc-46	2.6061	1.9828	2.3931	2.4944	3.2040	2.9089	3.1163	3.6952
Sc-47	1.4560	1.2159	1.3872	1.4302	1.6749	1.5524	1.7865	1.8062
Sc-48	4.0200	3.0567	3.7035	3.8261	4.9610	4.4867	4.8489	5.6983
Sc-49	0.0007	0.0005	0.0006	0.0006	0.0009	0.0008	0.0009	0.0010
Sc-50	3.6789	2.8035	3.3596	3.4595	4.5979	4.0904	4.4172	5.1273
Se-70	24.2944	17.4537	22.7540	26.4270	15.9007	10.0847	23.3450	27.3948
Se-71	2.6203	2.0416	2.4609	2.6502	2.5988	2.2210	2.9010	3.2767
Se-72	21.1982	15.2188	19.8831	23.1385	13.6105	8.5050	20.2734	23.7098
Se-73	10.8800	8.0590	10.0559	11.5035	8.4328	5.9735	10.8800	12.0680
Se-73m	3.5752	2.6112	3.3495	3.8676	2.3450	1.4553	3.3205	4.0064
Se-75	18.5674	13.5725	17.4126	19.9472	13.0828	8.9535	18.2035	21.3380
Se-77m	6.9000	5.1812	6.5136	7.3855	4.8731	3.2670	6.4969	7.8167
Se-79m	10.3961	7.6641	9.7978	11.2858	6.5546	3.8641	9.2506	11.5273
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0307	0.0247	0.0288	0.0297	0.0364	0.0329	0.0354	0.0394
Se-81m	10.4728	7.7303	9.8763	11.3649	6.6432	3.9472	9.3276	11.6127
Se-83m	1.3390	1.0298	1.2337	1.2753	1.6432	1.4697	1.5759	1.8446

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Se-83	4.7597	3.7282	4.4075	4.5850	5.7863	5.1670	5.5789	6.3423
Se-84	1.4336	1.1482	1.3156	1.3814	1.7601	1.5357	1.6257	1.8769
Si-31	0.0009	0.0006	0.0008	0.0008	0.0011	0.0010	0.0011	0.0012
Si-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-139	4.1791	3.2487	3.9425	4.2503	4.2219	3.6034	4.5595	5.0926
Sm-140	5.6082	4.3031	5.3269	5.9188	4.8973	3.9659	5.8437	6.4688
Sm-141	4.0336	3.1085	3.7849	4.1330	3.9675	3.3020	4.3312	4.8926
Sm-141m	8.2270	6.3858	7.7766	8.4852	8.1568	6.9454	9.0433	9.9189
Sm-142	4.6380	3.5280	4.4155	4.9644	3.7890	2.9700	4.7123	5.2433
Sm-143	2.7893	2.1219	2.6540	2.9792	2.3001	1.8105	2.8436	3.1666
Sm-143m	1.6990	1.3002	1.5682	1.6952	1.8652	1.6417	1.9225	2.2256
Sm-145	9.2768	7.0737	8.8066	9.9033	7.6640	6.0260	9.4574	10.4005
Sm-146	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0288	0.0201	0.0269	0.0316	0.0178	0.0108	0.0281	0.0332
Sm-153	5.1460	3.9750	4.8963	5.4733	4.4142	3.5169	5.3362	5.5727
Sm-155	3.1919	2.6109	3.0772	3.3198	3.1968	2.7493	3.3338	3.3719
Sm-156	4.9073	3.7018	4.6160	5.2216	4.0163	3.0785	5.1254	5.5192
Sm-157	3.8716	3.0754	3.6929	4.0066	3.9432	3.4222	4.3858	4.4981
Sn-106	7.9187	6.4297	7.5906	8.0768	8.2940	6.8884	7.9598	10.9654
Sn-108	8.4072	6.8523	8.0820	8.6022	8.7241	7.1927	8.3804	11.5713
Sn-109	6.6459	5.2966	6.3529	6.7394	6.9717	5.7189	6.6980	9.4640
Sn-110	6.4089	5.2256	6.2026	6.5868	6.5007	5.2907	6.2477	8.9479
Sn-111	3.5346	2.8709	3.4318	3.6913	3.4130	2.6577	3.2688	5.0870
Sn-113	4.7800	3.8958	4.6528	5.0146	4.5540	3.5171	4.3623	6.8830
Sn-113m	3.4288	2.7260	3.3141	3.6239	3.1432	2.3737	3.2016	4.9914
Sn-117m	6.2317	5.0434	6.0025	6.4381	6.2090	5.0757	6.3700	8.7658
Sn-119m	4.7393	3.6966	4.5576	5.0416	4.0989	3.0121	4.4428	6.6337
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	1.6184	1.2256	1.5432	1.7360	1.3050	0.9518	1.5414	2.1350
Sn-123	0.0083	0.0063	0.0077	0.0079	0.0103	0.0093	0.0100	0.0119
Sn-123m	2.4780	2.0470	2.3721	2.4827	2.7136	2.4253	2.8445	3.2078
Sn-125m	1.6575	1.3334	1.5822	1.6003	1.9927	1.7425	1.8479	2.1361
Sn-125	0.4361	0.3334	0.4013	0.4167	0.5360	0.4838	0.5185	0.6111
Sn-126	5.1250	4.0447	4.8445	5.3833	4.6072	3.5800	5.0567	6.1824
Sn-127m	1.3460	1.0607	1.2212	1.2969	1.6628	1.4517	1.5468	1.8211
Sn-127	3.1655	2.4651	2.9352	3.0691	3.7771	3.3719	3.6722	4.3436
Sn-128	11.3414	9.1284	10.8443	11.7605	11.2694	9.1235	11.0665	15.6246
Sn-129	1.7525	1.3542	1.5966	1.6731	2.1633	1.9309	2.0481	2.4341

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Sn-130	7.3045	5.8969	6.9077	7.4371	7.8095	6.6759	7.8213	9.4990
Sn-130m	4.6314	3.7216	4.3872	4.6939	4.9008	4.1500	4.8282	6.2114
Sr-79	6.9743	5.8549	6.7593	7.2380	5.7886	4.2187	5.6429	7.6898
Sr-80	10.4093	8.6900	10.0528	10.8570	7.7899	5.0534	7.6032	11.5167
Sr-81	4.6568	3.8705	4.4518	4.7089	4.4731	3.6443	4.4748	5.5253
Sr-82	10.1760	8.5346	9.8758	10.6968	7.0921	4.2679	6.9453	11.0210
Sr-83	14.9602	12.4803	14.4638	15.6348	10.9848	6.9971	10.7399	16.4859
Sr-85	11.6757	9.7298	11.2453	12.1607	8.8355	5.7504	8.5638	12.9894
Sr-85m	3.9094	3.2009	3.7469	4.0180	3.5513	2.8564	3.7609	4.5211
Sr-87m	2.9424	2.4324	2.8058	2.9850	2.7086	2.0701	2.5495	3.5336
Sr-89	0.0001	0.0001	0.0001	0.0001	0.0002	0.0001	0.0002	0.0002
Sr-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sr-91	1.0962	0.8430	1.0036	1.0506	1.3427	1.2127	1.2895	1.5340
Sr-92	1.2944	0.9753	1.1927	1.2117	1.6151	1.4483	1.5866	1.8196
Sr-93	5.1352	4.1067	4.8049	5.0510	5.5637	4.7568	5.3324	6.7367
Sr-94	1.2676	0.9481	1.1637	1.1764	1.5938	1.4262	1.5616	1.7867
Ta-170	8.5769	6.2243	7.9835	9.2202	6.3798	4.5562	8.7841	9.5119
Ta-172	14.2297	10.4054	13.2290	15.1376	11.2525	8.3615	14.8810	16.0293
Ta-173	17.9533	12.9886	16.6458	19.3099	13.1280	9.2377	18.3937	19.7325
Ta-174	14.3072	10.4269	13.3142	15.3470	10.8515	7.8643	14.8406	15.8529
Ta-175	16.8428	12.3783	15.6226	17.9022	13.2956	9.8598	17.5389	18.5918
Ta-176	15.2363	11.0441	14.1096	16.1857	11.8835	8.6915	15.8797	17.1896
Ta-177	9.4570	6.8682	8.7659	10.1798	6.9259	4.8816	9.6546	10.2093
Ta-178	10.2898	7.4421	9.5351	11.0928	7.4417	5.1880	10.4844	11.1380
Ta-178m	25.3743	18.9694	23.6402	26.7912	21.1681	16.1467	26.6048	28.1262
Ta-179	6.8362	4.8651	6.3383	7.4251	4.6469	3.0841	6.8862	7.5150
Ta-180	8.6851	6.2801	8.0484	9.3689	6.2578	4.3511	8.8388	9.3876
Ta-182	11.9479	8.7762	11.0287	12.6191	9.6013	7.1341	12.4943	13.4074
Ta-182m	22.5447	16.2383	20.9602	24.3142	16.0768	11.1524	23.0703	25.2636
Ta-183	20.5427	14.8232	19.0755	22.1209	14.7465	10.2302	20.8998	22.8452
Ta-184	15.5893	11.4746	14.4773	16.4112	12.8488	9.7514	16.3394	18.2181
Ta-185	12.0149	8.6321	11.1537	12.9677	8.4918	5.8238	12.2580	13.4598
Ta-186	10.3955	7.8975	9.6980	10.7708	9.6874	7.9131	11.3279	12.3650
Tb-146	4.0497	3.0444	3.7628	3.9896	4.3496	3.7271	4.6434	5.1827
Tb-147m	5.1530	3.8627	4.8504	5.3566	4.6656	3.7734	5.5760	6.0366
Tb-147	7.7421	5.9178	7.2822	7.9824	7.3848	6.1635	8.4367	9.2771
Tb-148m	10.0350	7.7033	9.3285	10.1518	10.4048	8.8809	11.0997	12.5316
Tb-148	4.9168	3.7238	4.5835	5.0230	4.8799	4.1143	5.4220	6.0405
Tb-149m	6.6702	5.0592	6.2567	6.9512	6.1572	5.0730	7.1873	7.8761
Tb-149	7.8584	6.0066	7.4059	8.1629	7.3203	6.0248	8.5065	9.2118

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Tb-150m	11.0396	8.4872	10.2677	11.2245	11.2384	9.4580	12.1064	13.5707
Tb-150	6.8566	5.1826	6.4112	7.0682	6.5131	5.3596	7.4477	8.2057
Tb-151	12.1219	9.2967	11.4509	12.6975	10.9543	8.9246	12.9240	13.8575
Tb-151m	9.7023	6.8350	9.0615	10.6154	6.3330	4.0893	9.6835	10.9991
Tb-152m	12.1736	9.2082	11.4683	12.8111	10.5600	8.3927	12.9074	13.8453
Tb-152	7.1032	5.4097	6.7016	7.3719	6.5928	5.3817	7.6264	8.2989
Tb-153	10.9044	8.2515	10.3211	11.6242	9.0586	7.0952	11.4404	12.1351
Tb-154	9.4341	7.1322	8.8906	9.8628	8.4234	6.8206	10.0817	10.9661
Tb-155	11.2782	8.6138	10.6757	12.0053	9.4444	7.4178	11.7643	12.3029
Tb-156	13.4947	10.2344	12.7027	14.1378	12.1384	9.7962	14.4876	15.6192
Tb-156m	3.2421	2.5832	3.1143	3.4302	3.0787	2.6433	3.4948	3.2053
Tb-156n	3.6032	2.5013	3.3549	3.9622	2.2206	1.3556	3.5781	4.0889
Tb-157	3.4727	2.4292	3.2405	3.8115	2.1969	1.3815	3.4610	3.9346
Tb-158	9.7677	7.2873	9.1847	10.3930	8.0091	6.1846	10.2271	11.0680
Tb-160	5.2087	3.9118	4.8698	5.3989	4.7865	3.8878	5.6420	6.1945
Tb-161	7.7466	5.7263	7.2968	8.3561	5.8667	4.1991	7.7605	9.0598
Tb-162	5.8094	4.4480	5.4259	5.9461	5.6539	4.8004	6.4573	7.0013
Tb-163	3.8970	3.0309	3.6206	3.8986	4.1727	3.5290	4.3073	4.8351
Tb-164	9.3625	7.1026	8.7183	9.5716	9.1598	7.6557	10.3800	11.4399
Tb-165	2.8484	2.0639	2.6472	2.9757	2.4323	1.8792	3.0669	3.4545
Tc-101	1.8186	1.4787	1.7400	1.7602	2.1609	1.9170	2.0264	2.3021
Tc-102m	3.3535	2.5890	3.0575	3.1884	4.1548	3.6749	3.9378	4.5946
Tc-102	0.1598	0.1253	0.1456	0.1536	0.1969	0.1735	0.1844	0.2167
Tc-104	3.3979	2.6612	3.1537	3.2421	4.1625	3.6883	3.9433	4.5329
Tc-105	4.8739	4.0261	4.6586	4.8888	5.1749	4.4714	4.9893	5.9420
Tc-91	1.6561	1.3008	1.5541	1.6047	1.8355	1.5799	1.7504	2.2116
Tc-91m	1.1967	0.9603	1.1092	1.1744	1.3515	1.1549	1.2530	1.5885
Tc-92	8.2348	6.7104	7.8102	8.0893	9.0544	7.9208	8.6974	10.5549
Tc-93	8.3747	7.0271	8.1407	8.5718	7.4930	5.9065	6.8435	10.5746
Tc-93m	4.1792	3.4855	4.0307	4.2473	3.9890	3.2251	3.6393	5.2527
Tc-94	11.4379	9.4201	10.9386	11.5786	11.1418	9.2250	10.3131	14.8023
Tc-94m	3.9065	3.1996	3.7342	3.9401	3.8428	3.1994	3.5794	5.0801
Tc-95	9.3464	7.8765	9.0786	9.6248	8.2925	6.5527	7.5364	11.7640
Tc-95m	10.2627	8.6570	9.9838	10.5804	9.3468	7.5229	8.6842	12.7666
Tc-96	11.9930	9.9009	11.5014	12.1816	11.5273	9.5153	10.6795	15.4627
Tc-96m	4.0369	3.3976	3.9471	4.2100	3.4358	2.6400	3.1858	4.9168
Tc-97	7.6529	6.5413	7.5074	7.9620	6.3608	4.8343	5.7012	9.4619
Tc-97m	5.5054	4.6668	5.3969	5.7379	4.7074	3.6254	4.2839	6.6967
Tc-98	2.7335	2.1141	2.4852	2.6285	3.3536	3.0162	3.1789	3.7891
Tc-99	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Tc-99m	2.8597	2.4254	2.7573	2.8665	2.9759	2.6555	2.9628	3.5330
Te-113	1.8541	1.4255	1.7249	1.8094	2.1490	1.8805	2.0969	2.6166
Te-114	8.6759	6.8486	8.2857	9.0052	8.4113	6.7631	8.5971	11.8965
Te-115	3.6617	2.8649	3.4492	3.6499	4.0479	3.4743	3.9742	5.1515
Te-115m	4.2162	3.2796	3.9630	4.2035	4.6329	3.9503	4.5307	5.9821
Te-116	8.2009	6.5927	7.9176	8.6138	7.8044	6.1774	7.7588	11.3541
Te-117	4.8204	3.7967	4.5834	4.9285	4.9521	4.0804	4.8616	6.8847
Te-118	4.4451	3.5492	4.3023	4.6902	4.1381	3.2176	4.1240	6.4103
Te-119	5.8256	4.6214	5.5557	6.0066	5.8568	4.7516	5.7273	8.3360
Te-119m	8.0350	6.4298	7.6827	8.1775	8.3678	7.0692	8.3815	11.1997
Te-121	5.9485	4.7329	5.6718	6.1475	5.9613	4.8083	5.8197	8.4778
Te-121m	5.3960	4.2775	5.1906	5.6590	5.1814	4.2827	5.5216	7.0865
Te-123	0.9598	0.6585	0.8919	1.0590	0.5671	0.3293	0.9466	1.0997
Te-123m	5.3257	4.2387	5.0990	5.5211	5.1107	4.2542	5.5020	6.9891
Te-125m	7.7132	6.0845	7.4372	8.1673	6.9567	5.4897	7.1648	10.5576
Te-127	0.0250	0.0200	0.0234	0.0248	0.0285	0.0246	0.0272	0.0324
Te-127m	2.8650	2.2105	2.7448	3.0546	2.4357	1.8589	2.6883	3.8227
Te-129	2.0801	1.5530	1.9676	2.2257	1.6608	1.2168	2.0182	2.6649
Te-129m	2.0448	1.5884	1.9606	2.1701	1.7908	1.3880	1.9237	2.7626
Te-131	2.9118	2.3775	2.7624	2.9038	3.2023	2.8607	3.2341	3.7745
Te-131m	4.5978	3.6308	4.3266	4.6094	5.0581	4.4360	5.0090	6.0913
Te-132	6.5588	5.2725	6.3165	6.8257	6.4909	5.5645	6.6344	8.3643
Te-133	2.5419	2.0003	2.3806	2.4443	3.0737	2.7231	2.9126	3.3769
Te-133m	4.7369	3.7130	4.4315	4.6953	5.3156	4.6663	5.2206	6.3621
Te-134	5.2844	4.2563	4.9791	5.3350	5.7533	5.0329	5.7417	6.6933
Th-223	10.5543	8.3177	10.0522	11.2070	7.7660	5.2954	9.0945	11.7458
Th-224	0.9862	0.7851	0.9427	1.0370	0.7892	0.5820	0.8983	1.1371
Th-226	1.8958	1.4933	1.8137	2.0188	1.3426	0.8897	1.5717	2.1677
Th-227	15.0941	11.8165	14.4076	16.0694	10.7581	7.1613	12.7639	17.1703
Th-228	2.2949	1.7984	2.1932	2.4512	1.5711	1.0038	1.8725	2.6266
Th-229	23.0129	17.9425	21.9243	24.5686	16.1780	10.6225	19.5125	25.9541
Th-230	2.5094	2.1657	2.4498	2.5956	2.7772	2.7000	2.9836	2.9470
Th-231	17.6466	13.8789	16.8901	18.8229	12.4360	8.1158	14.5029	20.4749
Th-232	1.3094	0.9943	1.2473	1.3463	1.5620	1.4924	1.6724	1.6204
Th-233	4.2173	3.1615	3.9870	4.5438	2.8781	1.8740	3.7936	4.8477
Th-234	2.7162	2.1445	2.5855	2.8822	1.9788	1.3313	2.2844	3.0472
Th-235	0.3334	0.2627	0.3136	0.3423	0.3067	0.2418	0.3228	0.4008
Th-236	1.9269	1.5298	1.8446	2.0392	1.4513	1.0114	1.6380	2.2007
Ti-44	7.2666	5.8102	6.5381	7.4027	6.9610	5.5983	7.8813	7.0485
Ti-45	0.3329	0.2284	0.3091	0.3667	0.1985	0.1164	0.3293	0.3816

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ti-51	1.5995	1.2842	1.5300	1.5350	1.9463	1.7154	1.8048	2.0466
Ti-52	6.3522	5.1632	6.1007	6.5968	5.4671	4.4106	5.8837	7.7093
Tl-190	5.9109	4.4719	5.4611	6.1507	5.0387	3.7765	5.9798	6.7882
Tl-190m	11.6817	8.8808	10.7832	12.0019	10.6923	8.3856	12.1307	13.8561
Tl-194	8.5821	6.4507	7.9373	9.0302	6.8475	4.9339	8.5107	9.6237
Tl-194m	20.6645	15.5926	19.1576	21.5811	17.3200	12.9564	20.7626	23.8466
Tl-195	19.0599	14.0517	17.7338	20.3663	13.7015	9.2391	18.4172	21.2997
Tl-196	11.8487	8.8928	10.9558	12.3835	9.7304	7.1431	11.9076	13.4478
Tl-197	13.7958	10.3046	12.7954	14.6722	10.2492	7.0707	13.4360	15.1155
Tl-198	13.2779	9.9537	12.2834	13.8916	10.8395	7.9364	13.3335	15.0594
Tl-198m	19.2397	14.4058	17.8886	20.3314	14.9041	10.5666	18.7994	21.8067
Tl-199	14.1636	10.5799	13.1552	15.0984	10.4309	7.1710	13.7830	15.4668
Tl-200	13.3416	10.0163	12.3729	14.0041	10.7516	7.8204	13.3124	15.0521
Tl-201	15.1669	11.2380	14.0968	16.2663	10.6700	7.0704	14.5579	16.5298
Tl-202	11.7618	8.8125	10.8893	12.4556	9.0234	6.3307	11.5278	13.0039
Tl-204	0.2732	0.2013	0.2538	0.2938	0.1883	0.1225	0.2611	0.2977
Tl-206m	13.1783	10.2262	12.2794	13.4266	12.7422	10.4457	13.9820	15.8490
Tl-206	0.0106	0.0081	0.0099	0.0112	0.0077	0.0052	0.0098	0.0114
Tl-207	0.0042	0.0032	0.0039	0.0041	0.0048	0.0042	0.0048	0.0057
Tl-208	3.8735	2.9567	3.5489	3.7917	4.2985	3.6641	4.3444	5.0119
Tl-209	7.3961	5.8619	6.9221	7.4281	7.4540	6.2078	7.7747	8.7956
Tl-210	9.8224	7.5166	9.2132	10.0768	8.8244	6.8845	9.8402	11.8336
Tm-161	21.5003	16.1073	20.2384	22.9244	17.5720	13.5959	22.5253	23.3894
Tm-162	8.7572	6.5050	8.2160	9.2632	7.3734	5.7585	9.2565	9.8375
Tm-163	15.6133	11.7149	14.6635	16.5534	13.1164	10.2584	16.4509	17.0869
Tm-164	5.7660	4.2599	5.4153	6.1835	4.5243	3.4019	5.9864	6.2787
Tm-165	12.7541	9.5688	11.9971	13.5541	10.6175	8.3058	13.4384	14.0157
Tm-166	13.6489	10.0982	12.7685	14.4555	11.3382	8.7755	14.4488	15.4195
Tm-167	11.6285	8.5564	10.9348	12.5459	8.8769	6.5846	12.0669	12.6832
Tm-168	14.6810	10.9627	13.7671	15.5737	12.3869	9.7137	15.6161	16.5882
Tm-170	0.9318	0.6653	0.8666	1.0134	0.6344	0.4238	0.9405	1.0270
Tm-171	0.1213	0.0879	0.1129	0.1312	0.0877	0.0617	0.1239	0.1311
Tm-172	3.6730	2.6311	3.4093	3.9293	2.7265	1.9334	3.8043	4.2004
Tm-173	2.4578	1.8860	2.2724	2.4992	2.4622	2.0178	2.6659	2.9507
Tm-174	13.1072	9.8757	12.2474	13.5793	11.9360	9.6415	14.2306	15.5333
Tm-175	4.3957	3.3093	4.0594	4.4954	4.2811	3.5081	4.7932	5.3626
Tm-176	10.3003	7.6632	9.6115	10.7679	9.0323	7.1387	11.1056	12.0573
U-227	9.4717	7.5358	9.0588	10.0146	7.1477	4.9916	8.0935	10.7018
U-228	2.2981	1.8242	2.2041	2.4450	1.6257	1.0741	1.8587	2.6521
U-230	2.7584	2.1849	2.6447	2.9381	1.9209	1.2483	2.2119	3.1875

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
U-231	27.8226	22.0924	26.6707	29.5844	20.0811	13.3736	22.8302	31.8312
U-232	2.6622	2.1074	2.5532	2.8372	1.8445	1.1920	2.1283	3.0745
U-233	1.4187	1.1145	1.3581	1.5153	0.9714	0.6201	1.1469	1.6282
U-234	3.0195	2.5875	2.9473	3.1185	3.3312	3.2717	3.5270	3.5442
U-235	2.1960	1.8433	2.1534	2.2746	2.5002	2.4330	2.6655	2.6474
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	2.2153	1.7532	2.1247	2.3614	1.5320	0.9878	1.7693	2.5567
U-237	18.0376	14.2723	17.2228	19.1122	13.7583	9.7179	15.6550	20.4283
U-238	1.3787	1.1140	1.3227	1.4136	1.5832	1.5320	1.6777	1.6734
U-239	4.5310	3.6694	4.2577	4.7157	3.7938	2.8304	4.1368	4.8938
U-240	6.6641	5.2226	6.3795	7.1169	4.6760	3.0753	5.5104	7.6932
U-242	1.1049	0.8925	1.0318	1.1364	0.9981	0.7789	1.0562	1.1933
V-47	0.1027	0.0712	0.0954	0.1118	0.0661	0.0419	0.1035	0.1190
V-48	4.0148	2.9391	3.7050	4.0172	4.0964	3.4415	4.5564	5.3388
V-49	2.7134	1.8591	2.5205	2.9948	1.5958	0.9225	2.6774	3.1023
V-50	3.4568	2.4438	3.1941	3.5926	2.8410	2.1198	3.7017	4.2521
V-52	1.2135	0.9043	1.1149	1.1208	1.5308	1.3687	1.5042	1.7130
V-53	1.3365	1.0191	1.2283	1.2743	1.6450	1.4878	1.5918	1.9009
W-177	25.4897	18.6136	23.6409	27.2444	19.3255	13.9310	26.1653	28.3095
W-178	6.6832	4.6926	6.1962	7.2989	4.2994	2.7085	6.6553	7.4584
W-179	14.4467	10.3417	13.4103	15.6593	9.9796	6.7241	14.4256	16.0780
W-179m	7.9656	5.7136	7.3560	8.5978	5.5946	3.7876	8.0728	8.7191
W-181	8.6706	6.2148	8.0152	9.3734	6.0623	4.0983	8.7742	9.4453
W-185m	14.7272	10.2311	13.6821	16.1663	9.0242	5.4273	14.5239	16.7222
W-185	0.0056	0.0041	0.0052	0.0060	0.0041	0.0029	0.0057	0.0061
W-187	4.5967	3.4279	4.2133	4.7954	3.9341	3.0109	4.8321	5.2204
W-188	0.0644	0.0469	0.0598	0.0687	0.0488	0.0350	0.0663	0.0725
W-190	15.0174	10.9129	13.8470	16.0714	11.0263	7.7107	15.3755	16.4695
Xe-120	10.0275	7.9710	9.6097	10.4880	9.5167	7.7300	9.6643	13.4317
Xe-121	4.9568	3.9354	4.7285	5.0905	4.9678	4.2122	4.9962	6.5104
Xe-122	5.0233	3.9713	4.8366	5.2943	4.6100	3.7469	4.6973	6.6805
Xe-123	6.3170	5.0485	6.0664	6.5453	6.1587	5.2041	6.3047	8.3125
Xe-125	8.3141	6.6358	7.9972	8.6877	8.0255	6.7503	8.2346	10.8197
Xe-127	7.6667	6.1326	7.3859	8.0060	7.5109	6.3576	7.7454	9.9304
Xe-127m	5.9601	4.8124	5.7251	6.1659	5.7787	5.0002	6.0155	7.4931
Xe-129m	8.3083	6.5023	7.9881	8.8138	7.3502	5.9991	7.7536	10.6129
Xe-131m	3.7901	2.9341	3.6330	4.0334	3.2548	2.6099	3.5386	4.8225
Xe-133	4.1157	3.2901	3.8977	4.3024	3.8230	3.2042	4.0097	4.7606
Xe-133m	3.8210	2.9807	3.6669	4.0490	3.3751	2.7535	3.5974	4.8768
Xe-135	1.8639	1.5256	1.7574	1.8257	2.1402	2.0035	2.1752	2.3265

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Xe-135m	1.9170	1.5052	1.7809	1.9289	2.0760	1.7729	2.0143	2.5403
Xe-137	0.4868	0.3853	0.4443	0.4698	0.5966	0.5220	0.5557	0.6486
Xe-138	3.6668	2.7232	3.4125	3.7694	3.3317	2.6808	3.9589	4.4985
Y-81	9.3044	7.7713	8.9513	9.6531	7.5701	5.5401	7.5969	10.5500
Y-83	8.3808	7.0180	8.1203	8.7255	6.5472	4.5822	6.2524	9.6952
Y-83m	4.5878	3.8466	4.4178	4.6949	3.9758	3.0418	3.8029	5.4919
Y-84m	5.1791	4.0317	4.7934	5.0445	5.8899	5.1586	5.6845	7.0241
Y-85	4.3829	3.6389	4.1986	4.5166	3.6410	2.6119	3.4677	5.1877
Y-85m	5.3366	4.4324	5.1430	5.5060	4.3531	3.1293	4.2212	6.2622
Y-86	11.1463	9.0688	10.6049	11.2853	10.1698	7.8449	9.7870	13.7219
Y-86m	2.7443	2.2421	2.6481	2.8365	2.7895	2.4215	2.9912	3.2438
Y-87	11.3766	9.5213	10.9825	11.8301	8.8031	5.9898	8.4159	13.1719
Y-87m	3.0677	2.5585	2.9417	3.1106	2.8330	2.1970	2.6159	3.7634
Y-88	12.5316	10.3349	12.0495	12.8775	10.2587	7.3498	9.9104	14.8455
Y-89m	1.3925	1.0721	1.2808	1.3458	1.6633	1.5008	1.6072	1.9444
Y-90	0.0011	0.0009	0.0010	0.0011	0.0008	0.0006	0.0007	0.0013
Y-90m	4.2516	3.5019	4.0545	4.3074	4.5888	3.9724	4.5503	5.2191
Y-91	0.0033	0.0025	0.0030	0.0031	0.0041	0.0037	0.0040	0.0047
Y-91m	1.7505	1.4056	1.6164	1.7206	1.9392	1.6349	1.7974	2.3048
Y-92	0.3514	0.2697	0.3220	0.3358	0.4312	0.3874	0.4145	0.4909
Y-93	0.2102	0.1687	0.1971	0.2017	0.2496	0.2278	0.2438	0.2736
Y-94	1.0314	0.7891	0.9454	0.9875	1.2641	1.1432	1.2200	1.4470
Y-95	0.7257	0.5426	0.6647	0.6803	0.9078	0.8172	0.8865	1.0157
Yb-162	11.4736	8.5872	10.7909	12.2394	9.2436	7.1142	12.0025	12.6291
Yb-163	10.8118	7.8555	10.0979	11.6371	8.0655	5.8249	11.1145	11.9446
Yb-164	7.0785	5.2245	6.6456	7.6305	5.4227	4.0278	7.3052	7.5490
Yb-165	21.3275	15.4648	19.9034	23.0720	15.3992	10.8595	21.7747	23.2613
Yb-166	12.9702	9.6033	12.1635	13.9631	9.9933	7.4376	13.3983	13.7715
Yb-167	25.1827	18.5973	23.6522	27.1020	19.2459	14.2590	25.9026	27.3438
Yb-169	24.5994	18.3315	23.0321	26.3074	19.6184	14.8830	25.6664	26.3919
Yb-175	0.5957	0.4518	0.5559	0.6217	0.5278	0.4190	0.6306	0.6727
Yb-177	2.2036	1.6765	2.0616	2.2994	1.9404	1.5655	2.3735	2.5165
Yb-178	0.4024	0.2986	0.3751	0.4204	0.3480	0.2668	0.4223	0.4754
Yb-179	4.1595	3.1724	3.8259	4.1931	4.2729	3.5636	4.5723	5.1638
Zn-60	2.8789	2.1939	2.6241	2.9070	2.8790	2.3756	3.1588	3.3740
Zn-61	0.7179	0.5385	0.6576	0.7011	0.7985	0.6821	0.8260	0.9495
Zn-62	11.7828	8.2872	10.9636	12.8232	7.8766	5.1561	11.8556	13.6180
Zn-63	0.8981	0.6338	0.8304	0.9580	0.6723	0.4771	0.9288	1.0840
Zn-65	9.8385	6.7874	9.1336	10.7594	6.2091	3.8516	9.8523	11.4350
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Zn-69m	1.8534	1.4160	1.7008	1.8631	1.9317	1.5915	2.0294	2.3523
Zn-71	0.7575	0.5972	0.6924	0.7335	0.9163	0.8091	0.8684	1.0160
Zn-71m	4.2547	3.3650	3.8926	4.0996	5.1989	4.5735	4.8729	5.6848
Zn-72	15.5487	11.2113	14.5630	16.8319	10.5977	7.1575	15.4296	18.0524
Zr-85	2.0343	1.6592	1.9124	2.0220	2.1090	1.7344	1.9639	2.5951
Zr-86	20.0027	16.9932	19.4787	20.7545	16.0203	11.6488	14.8935	24.0707
Zr-87	1.8162	1.5388	1.7682	1.8877	1.4030	0.9812	1.3012	2.1782
Zr-88	10.9866	9.2947	10.6526	11.3596	8.8800	6.3794	8.1941	13.2097
Zr-89	8.7323	7.3256	8.4464	9.0082	7.1597	5.2511	6.6805	10.6653
Zr-89m	2.1026	1.7003	1.9623	2.0801	2.2170	1.8443	2.0553	2.7593
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	1.3252	1.0214	1.2079	1.2800	1.6156	1.4656	1.5482	1.8395
Zr-97	1.7359	1.3552	1.5964	1.6861	2.0514	1.8350	1.9562	2.3798

Table 20: Wood 1 cm Contamination Thickness for 100x100x10 ft and 200x200x20 ft rooms

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ac-223	2.4318	1.8215	3.1981	4.5865	1.5717	1.3221	3.2052	3.5510
Ac-224	12.7518	10.2432	16.0934	20.2111	9.6220	8.2016	18.5997	16.1747
Ac-225	3.5719	2.7332	4.8183	6.6616	2.3742	2.0160	4.7314	4.9532
Ac-226	5.2476	4.2976	6.6855	8.1859	4.0284	3.3708	7.7041	6.8721
Ac-227	1.0969	0.7998	1.4566	2.1704	0.6626	0.5512	1.3874	1.6704
Ac-228	7.9006	6.4130	10.3025	12.4967	5.9700	4.9687	12.4081	10.1211
Ac-230	3.7347	3.0126	4.9191	6.0548	2.7688	2.3235	5.8483	4.7934
Ac-231	8.7883	7.3046	10.7211	12.4407	7.1324	5.9188	13.5827	11.1441
Ac-232	5.2850	4.2902	6.8970	8.3357	4.0028	3.3376	8.5375	6.6752
Ac-233	2.7640	2.2052	3.1130	3.7335	2.2925	1.8289	5.1071	4.0519
Ag-100m	3.6463	3.1585	4.1734	3.6447	3.5393	2.7856	8.3932	4.4076
Ag-101	4.5691	3.8602	5.7508	5.0522	4.1291	3.3931	8.9498	4.7973
Ag-102m	2.9646	2.4708	3.6346	3.3477	2.6861	2.1871	5.9931	3.2157
Ag-102	6.2957	5.3408	7.5470	6.6283	5.9299	4.7341	13.6047	7.2129
Ag-103	7.4791	6.0617	10.0944	9.1482	6.4355	5.2245	12.7838	6.9369
Ag-104	10.2050	8.3887	13.3450	11.7528	9.1529	7.3351	20.1162	10.6406
Ag-104m	4.3013	3.4973	5.5724	4.9135	3.8328	3.0895	8.1726	4.3862
Ag-105	8.9902	7.1173	12.5432	11.0964	7.5726	6.2871	14.4427	7.8681
Ag-105m	0.3968	0.2728	0.5006	0.8086	0.2231	0.1800	0.4920	0.6653
Ag-106	2.5088	1.9197	3.7163	3.2785	2.0348	1.6646	3.9102	2.0187
Ag-106m	12.2722	10.1000	15.7995	14.0015	11.0289	8.8966	23.9996	12.8963
Ag-108	0.1863	0.1450	0.2651	0.2339	0.1558	0.1253	0.3112	0.1637
Ag-108m	10.2673	8.3008	13.3714	11.9866	9.0908	7.3106	19.2528	10.6076
Ag-109m	2.7100	2.0171	3.7712	3.6801	2.1204	1.6520	4.2347	2.2550
Ag-110	0.1031	0.0869	0.1199	0.1052	0.0983	0.0754	0.2256	0.1272
Ag-110m	5.9940	5.2618	6.7538	5.9066	5.9072	4.6074	14.4820	7.6991
Ag-111	0.1828	0.1619	0.1912	0.1766	0.1751	0.1423	0.3333	0.2296
Ag-111m	1.6311	1.2027	2.2570	2.3570	1.2302	0.9559	2.4952	1.5260
Ag-112	1.3610	1.1839	1.4762	1.2870	1.3430	1.0461	3.1882	1.7277
Ag-113m	1.8852	1.5603	2.1910	2.2788	1.6327	1.3090	3.2363	2.3120
Ag-113	0.4042	0.3615	0.4292	0.3873	0.3872	0.3145	0.7658	0.5079
Ag-114	0.5654	0.4905	0.6034	0.5337	0.5577	0.4405	1.3023	0.7337
Ag-115	1.4485	1.3045	1.5749	1.4024	1.3977	1.1258	3.0114	1.7242
Ag-116	3.3049	2.8957	3.5828	3.1677	3.2522	2.6250	7.6967	4.1009
Ag-117	3.0079	2.6352	3.2591	3.1351	2.8778	2.3220	6.0519	3.5031
Ag-99	4.4189	3.8926	5.2197	4.5757	4.1737	3.3888	9.5442	5.1485
Al-26	1.7318	1.5469	1.8615	1.6389	1.7142	1.4253	4.0216	1.8116
Al-28	1.6718	1.4946	1.7920	1.5602	1.6622	1.3804	3.8857	1.7268
Al-29	1.7627	1.6319	2.0144	1.6712	1.7583	1.4594	4.8845	2.2272

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Am-237	13.8671	11.1437	17.9233	21.0700	10.5761	8.5894	20.7084	16.9190
Am-238	12.7288	10.2297	16.6225	19.2680	9.7811	7.9265	19.6777	15.3003
Am-239	19.8970	15.7741	26.1368	31.5461	14.6937	11.9339	28.5382	24.4345
Am-240	15.5333	12.4130	20.7273	24.3010	11.6376	9.5411	23.5125	18.6552
Am-241	3.1624	3.2896	3.4292	3.1959	3.0703	3.1611	3.3400	3.2787
Am-242	4.4317	3.4588	6.1680	7.3558	3.1222	2.6051	6.0209	5.2216
Am-242m	3.8884	2.9822	5.4949	6.8173	2.6032	2.2063	5.0877	4.7771
Am-243	5.3521	4.2897	6.7733	7.6042	4.2285	4.1397	7.8107	5.5833
Am-244	15.8992	12.5352	22.0051	25.2276	11.6614	9.7005	23.2561	18.7890
Am-244m	1.8731	1.4526	2.6647	3.1495	1.2950	1.0961	2.5137	2.1748
Am-245	1.8866	1.5185	2.4579	2.8636	1.4246	1.1670	2.8454	2.2449
Am-246	22.3487	17.6761	30.8130	35.2104	16.4140	13.6707	31.9010	26.2300
Am-246m	5.8090	4.7306	7.7050	8.4581	4.5726	3.7716	9.9507	6.9207
Am-247	6.1465	4.9827	7.8963	9.0667	4.7374	3.8664	9.2836	7.2498
Ar-37	0.4743	0.3233	0.5933	0.9901	0.2587	0.2084	0.5794	0.8206
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	1.7383	1.6082	1.9885	1.6476	1.7332	1.4353	4.8317	2.2048
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	2.1407	1.9167	2.3927	2.0603	2.1226	1.7147	5.2826	2.5667
Ar-44	3.6381	3.3048	3.9577	3.5215	3.5987	2.9052	7.1012	4.3781
As-68	4.3342	3.8345	4.8583	4.2769	4.2480	3.3872	10.4821	5.2915
As-69	1.5642	1.2325	1.8267	2.4540	1.1697	0.9630	2.5018	2.3185
As-70	6.3310	5.4821	7.1719	6.9744	5.9149	4.7355	14.5174	8.0945
As-71	8.9819	6.7034	10.8898	16.1400	6.0242	4.8085	11.9386	14.6522
As-72	2.8956	2.3416	3.4597	4.1459	2.3735	1.8771	5.7719	4.2686
As-73	17.3908	11.9732	21.9756	35.9325	9.6917	7.8410	21.4854	29.6320
As-74	4.3180	3.1951	5.1612	7.3996	2.9851	2.3520	6.7671	6.8856
As-76	1.1353	0.9810	1.2102	1.0763	1.1177	0.8761	2.6109	1.5127
As-77	0.0799	0.0710	0.0877	0.0901	0.0731	0.0603	0.1568	0.1069
As-78	2.5333	2.2257	2.7842	2.4315	2.5012	1.9677	6.0758	3.2588
As-79	0.1167	0.1020	0.1241	0.1167	0.1140	0.0913	0.2549	0.1551
At-204	13.5439	10.9719	15.9718	18.6969	11.3370	9.6142	24.3709	17.9361
At-205	10.4166	8.2064	12.9350	16.3739	8.0278	7.1880	16.4455	13.3925
At-206	13.9431	11.3916	16.5049	19.1567	11.7299	10.0499	25.2139	18.1266
At-207	13.9572	11.1467	17.1690	21.1186	11.0502	9.7633	23.1497	17.9099
At-208	18.7035	15.1708	22.7398	27.0064	15.3103	13.0871	32.1654	24.4214
At-209	19.3503	15.5103	23.8675	29.2183	15.3868	13.4509	32.2843	25.2593
At-210	16.3124	13.2707	20.1361	24.6465	12.9246	11.3553	28.3269	21.0909
At-211	4.2869	3.2664	5.4978	7.4639	3.0406	2.8417	5.9209	5.5146
At-215	0.0014	0.0012	0.0016	0.0020	0.0012	0.0011	0.0026	0.0019

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
At-216	0.1811	0.1394	0.2271	0.3019	0.1331	0.1245	0.2596	0.2285
At-217	0.0046	0.0038	0.0055	0.0068	0.0037	0.0033	0.0077	0.0059
At-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-220	4.4437	3.8741	5.0682	5.4411	3.9078	3.2586	8.2401	5.8136
Au-186	9.1456	7.3947	10.7677	12.9230	7.4035	6.4963	14.6233	11.9909
Au-187	11.5660	8.7462	14.1408	19.1811	8.3404	7.5706	17.4243	15.8037
Au-190	10.6586	8.5344	12.4289	15.0429	8.5868	7.7163	17.5783	13.5960
Au-191	13.4083	10.2258	16.1371	21.5389	9.9013	9.0085	20.2008	18.1204
Au-192	10.5516	8.3501	12.3847	15.2458	8.3678	7.5720	16.8623	13.4463
Au-193	10.7399	8.0702	13.0807	17.7805	7.7101	7.2450	15.3471	14.2010
Au-193m	7.7919	5.9236	9.6764	13.7997	5.3550	4.6159	11.5526	11.6643
Au-194	9.6902	7.5479	11.4833	14.5746	7.4761	6.8347	14.9454	12.5210
Au-195	12.3752	9.0296	15.3623	22.0721	8.3272	7.6486	16.8819	17.3240
Au-195m	7.8950	5.9977	9.8239	13.9892	5.4314	4.6937	11.6333	11.7687
Au-196	9.1761	7.1165	10.8059	13.8767	7.0600	6.4628	13.8238	11.9975
Au-196m	20.0819	14.9343	25.1371	36.3333	13.6016	11.9389	27.1212	29.5632
Au-198	2.0879	1.7747	2.1931	2.3362	1.9615	1.6091	4.3565	2.8398
Au-198m	19.7447	15.4783	23.5857	30.4680	14.9771	12.8062	28.4245	26.9127
Au-199	4.1075	3.2171	5.0243	6.7221	3.1245	2.6710	5.7033	5.9850
Au-200	0.7814	0.6823	0.8596	0.8489	0.7336	0.6104	1.6814	1.0168
Au-200m	12.8690	10.8714	14.4855	15.9219	11.3831	9.3448	23.9871	17.6158
Au-201	0.8715	0.6389	1.0860	1.6018	0.5763	0.4853	1.2235	1.3403
Au-202	0.4716	0.4091	0.5163	0.5016	0.4496	0.3683	1.0698	0.6179
Ba-124	6.0212	4.8200	6.3608	7.4085	5.1289	3.8277	10.2719	7.1953
Ba-126	6.5676	5.3437	6.8980	7.7889	5.6813	4.2694	11.8997	7.8104
Ba-127	3.7630	2.9805	3.9446	4.6828	3.1723	2.3717	6.2725	4.3634
Ba-128	4.6461	3.6108	4.8263	5.9320	3.8179	2.7859	7.6937	5.3946
Ba-129	4.5836	3.5994	4.8116	5.8817	3.7733	2.7892	7.5879	5.3889
Ba-129m	10.8306	8.8727	11.6879	13.2090	9.3942	7.1940	19.5352	13.6502
Ba-131	8.4378	6.8206	8.7401	10.1104	7.2750	5.5047	14.9371	9.9322
Ba-131m	5.2004	4.0735	5.5273	6.8310	4.2670	3.1711	8.3395	6.5510
Ba-133	10.3083	8.2170	10.7757	12.4683	8.7804	6.9435	17.1474	11.7099
Ba-133m	4.9285	3.7414	5.4847	7.4751	3.6838	2.8122	7.4034	6.7876
Ba-135m	3.5245	2.7637	3.7045	4.6005	2.8768	2.1553	5.6643	4.4357
Ba-137m	2.1058	1.7754	2.2812	2.1717	2.0008	1.5113	4.5806	2.7700
Ba-139	0.8961	0.7730	0.9658	1.0383	0.8443	0.6438	1.3513	1.3232
Ba-140	3.5385	2.6521	4.0956	5.7511	2.5472	1.9723	5.3904	5.1779
Ba-141	4.4569	3.9680	4.7673	4.4276	4.2616	3.3973	8.3300	5.7854
Ba-142	4.4083	3.8142	4.7620	4.6674	4.1000	3.3380	9.0589	5.5961

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.1899	0.1634	0.1943	0.1817	0.1869	0.1502	0.4170	0.2593
Bi-197	11.4382	8.9516	14.1629	18.1231	8.7440	7.8193	18.5869	14.9740
Bi-200	16.9472	13.7175	20.0122	23.9959	13.9461	12.2169	29.8975	21.9721
Bi-201	11.3139	8.8939	13.9833	17.7119	8.7385	7.8841	18.5087	14.5557
Bi-202	15.2578	12.3341	18.1501	21.4847	12.6261	10.9763	27.2879	19.6464
Bi-203	12.5797	9.9871	15.3998	19.1158	9.9220	8.8704	21.1949	16.0987
Bi-204	16.1471	13.0167	19.4593	23.3539	13.1571	11.5126	28.4018	20.7840
Bi-205	10.9052	8.5056	13.4507	17.3028	8.3153	7.4442	17.5225	14.2192
Bi-206	18.5503	14.9359	22.3222	26.6889	15.1836	13.2692	32.5216	24.1087
Bi-207	11.1483	8.7770	13.5735	16.9392	8.7472	7.7585	18.6428	14.4891
Bi-208	7.6752	5.9395	9.6057	12.8128	5.6429	5.0743	11.9777	10.1852
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	3.1621	2.6804	3.5783	4.0531	2.6988	2.3382	5.5298	4.1520
Bi-211	0.5054	0.4133	0.5733	0.6726	0.4248	0.3715	0.8099	0.6561
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	1.5300	1.1247	1.9794	2.9135	0.9977	0.8179	2.1603	2.4372
Bi-213	0.9149	0.7515	1.0383	1.1979	0.7913	0.6772	1.6824	1.2044
Bi-214	2.5671	2.2464	2.8482	2.5876	2.4873	2.0028	5.9813	3.1648
Bi-215	2.8137	2.3096	3.3414	3.9655	2.3001	2.0354	4.5870	3.5812
Bi-216	3.1840	2.6866	3.4353	3.4751	2.9863	2.4148	6.6245	4.2747
Bk-245	14.6233	11.7719	18.9602	21.9271	11.1508	9.0840	22.0575	17.1210
Bk-246	15.3106	12.1968	20.5552	23.7493	11.4394	9.4146	23.2192	18.1811
Bk-247	5.2898	4.3618	6.4380	7.0061	4.3625	3.8061	8.4349	5.7764
Bk-248m	4.1492	3.2784	5.5743	6.4761	3.0406	2.4993	5.9558	4.7869
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	4.5142	3.6991	5.8889	6.2328	3.6227	2.9611	7.9843	5.1266
Bk-251	8.9765	7.1978	11.6948	13.7874	6.6151	5.4299	13.0404	10.5120
Br-72	4.2396	3.6355	4.9503	5.0736	3.8788	3.1530	9.4489	5.5719
Br-73	3.9523	3.1864	4.6653	5.3739	3.3235	3.0375	6.8790	4.7070
Br-74	4.7472	4.0724	5.4445	5.5619	4.3371	3.5075	10.1102	6.0690
Br-74m	5.8270	4.9635	6.6665	6.7189	5.3732	4.2618	12.7951	7.6838
Br-75	4.9170	4.0365	5.7851	7.2103	3.9521	3.2519	8.1769	7.0675
Br-76	6.7774	5.3653	8.2765	10.5130	5.3202	4.3379	12.1299	9.7278
Br-76m	12.1122	9.1276	17.0832	23.4434	8.1947	6.8120	16.1103	18.6872
Br-77	9.3195	6.9088	12.1560	17.9528	6.1127	5.0774	13.0390	14.5536
Br-77m	6.0466	4.4416	8.4239	12.4673	3.8940	3.2734	7.9110	9.0817
Br-78	0.8423	0.6351	1.0674	1.4823	0.5999	0.4831	1.3227	1.2837
Br-80	0.6266	0.4672	0.8058	1.1473	0.4318	0.3499	0.9482	0.9660
Br-80m	12.0731	8.8866	16.5452	24.0905	7.9392	6.5899	15.6697	19.1049

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Br-82m	5.8737	4.2677	8.3479	12.5942	3.6405	3.1142	7.4675	9.0065
Br-82	6.0840	5.3433	6.7837	5.9817	6.0018	4.7081	14.6084	8.0099
Br-83	0.0256	0.0216	0.0271	0.0264	0.0244	0.0193	0.0548	0.0355
Br-84m	5.4523	4.8272	5.9631	5.3986	5.3787	4.3314	13.0340	6.8900
Br-84	1.9283	1.7273	2.1770	1.8986	1.9121	1.5507	4.7217	2.2951
Br-85	0.1335	0.1189	0.1531	0.1350	0.1319	0.1043	0.3260	0.1713
C-10	1.8544	1.6187	2.0928	1.8518	1.8314	1.4074	4.4612	2.5129
C-11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-41	0.8470	0.5772	1.0594	1.7679	0.4619	0.3721	1.0346	1.4654
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	1.5452	1.4165	1.7559	1.4762	1.5382	1.2652	4.1843	1.9806
Ca-49	1.5412	1.4069	1.7292	1.4774	1.5403	1.3144	3.8406	1.6405
Cd-101	6.8574	5.5893	8.3894	7.5186	6.1874	4.7789	12.9285	6.6755
Cd-102	7.3940	5.8306	9.5510	8.8599	6.3345	4.9488	13.1920	6.9232
Cd-103	6.9554	5.5147	9.1193	8.3895	5.9493	4.6714	12.8215	6.2183
Cd-104	9.0099	6.9196	12.0434	11.1233	7.4879	6.1592	14.7945	7.1215
Cd-105	5.3180	4.1755	7.0672	6.4962	4.4980	3.5195	9.5273	4.6774
Cd-107	7.9517	5.9258	11.1943	10.5857	6.2854	4.8436	12.5493	6.2665
Cd-109	7.5076	5.5891	10.5742	10.0471	5.9153	4.5700	11.8200	5.9427
Cd-111m	5.5611	4.6839	6.4805	6.3035	4.9552	3.8248	10.5780	6.1162
Cd-113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0041	0.0031	0.0052	0.0053	0.0033	0.0025	0.0071	0.0038
Cd-115	0.9353	0.7806	0.9913	0.9407	0.8828	0.6798	1.9736	1.1649
Cd-115m	0.0613	0.0549	0.0695	0.0598	0.0606	0.0485	0.1544	0.0762
Cd-117	2.9203	2.5793	3.1643	2.8659	2.8099	2.2638	6.4379	3.4826
Cd-117m	2.9038	2.5913	3.2068	2.7798	2.8720	2.3221	7.0251	3.4517
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	3.3230	2.9588	3.5722	3.2299	3.2209	2.6141	7.1336	3.9009
Cd-119m	3.5528	3.1526	3.9286	3.4417	3.4919	2.8001	8.5242	4.1895
Ce-130	8.5400	6.9434	8.9863	10.4236	7.3223	5.6003	14.3472	11.5724
Ce-131	8.0442	6.5175	8.6842	10.0658	6.8925	5.2786	14.3372	10.9979
Ce-132	7.6002	6.2737	8.1164	9.0920	6.6396	5.0406	11.7017	10.6194
Ce-133	8.8356	6.9387	9.2605	10.6756	7.4992	5.7117	13.9069	11.6426
Ce-133m	10.9340	8.9616	11.7254	12.6236	9.6861	7.5838	19.8487	14.3935
Ce-134	4.3113	3.3158	4.5586	5.6755	3.4773	2.5611	6.5137	6.1546
Ce-135	8.2568	6.7871	8.7370	9.6056	7.2387	5.5458	14.6157	11.3948
Ce-137	5.7407	4.3017	6.3304	8.5717	4.2906	3.2126	8.3163	8.5902
Ce-137m	3.5453	2.7572	3.7948	4.6162	2.8750	2.1328	5.3925	5.7064
Ce-139	6.8500	5.5290	7.3306	8.6709	5.8847	4.4096	10.2730	9.9768

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ce-141	2.2420	1.8939	2.3675	2.6605	2.0387	1.5695	3.6293	3.4560
Ce-143	5.1512	4.1847	5.6150	5.9803	4.4582	3.4334	8.2097	8.2020
Ce-144	0.8517	0.6993	0.8978	1.0301	0.7378	0.5817	1.3971	1.2816
Ce-145	7.5790	6.1051	8.2489	8.8812	6.6002	5.0845	12.9165	12.0964
Cf-244	1.3570	1.0488	1.9427	2.3095	0.9274	0.7876	1.7891	1.5779
Cf-246	0.9292	0.7179	1.3306	1.5797	0.6354	0.5396	1.2254	1.0793
Cf-247	15.0871	11.8458	20.3046	24.2773	10.7759	8.9100	21.2077	17.8388
Cf-248	1.1094	0.8571	1.5890	1.8846	0.7591	0.6446	1.4638	1.2874
Cf-249	5.0341	4.0823	6.4172	7.2582	3.9753	3.2931	7.9509	6.1505
Cf-250	0.8698	0.6744	1.2384	1.4624	0.6013	0.5096	1.1656	1.0104
Cf-251	9.4725	7.5693	12.5379	14.5926	7.0888	5.8244	13.6305	11.1960
Cf-252	1.8506	1.5439	2.3066	2.4267	1.5572	1.2795	3.2936	2.1949
Cf-253	2.9291	2.2610	4.0005	4.8271	1.9905	1.6428	3.9504	3.4735
Cf-254	36.9473	32.7411	40.2818	36.3641	35.9869	29.0019	80.0821	44.5697
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0003	0.0002	0.0004	0.0006	0.0002	0.0001	0.0003	0.0005
Cl-34m	2.2509	2.0305	2.4161	2.3458	2.2180	1.8128	4.7190	2.7737
Cl-36	0.0067	0.0046	0.0084	0.0140	0.0037	0.0030	0.0082	0.0116
Cl-38	1.2247	1.1005	1.3183	1.1443	1.2195	1.0189	2.8665	1.2680
Cl-39	2.7033	2.5195	2.9450	2.5030	2.6848	2.2123	6.9178	3.3879
Cl-40	3.2458	2.9334	3.5913	3.0726	3.2311	2.6819	8.0181	3.6282
Cm-238	7.7030	6.1492	10.0572	11.7968	5.8185	4.7029	11.2726	9.0546
Cm-239	12.4127	10.1729	15.8059	18.0050	9.8039	7.9113	18.1999	14.9544
Cm-240	1.5726	1.2231	2.2405	2.7488	1.0656	0.9084	2.0646	1.8932
Cm-241	18.0264	14.2593	23.7243	28.5541	13.2915	10.9121	26.3405	22.2311
Cm-242	1.4122	1.0984	2.0121	2.4690	0.9569	0.8157	1.8540	1.7004
Cm-243	10.2804	8.0946	13.5378	16.6895	7.4343	6.0807	14.5861	12.9808
Cm-244	1.2128	0.9433	1.7278	2.1209	0.8217	0.7005	1.5922	1.4608
Cm-245	10.6157	8.4317	13.9755	16.7941	7.8855	6.3927	15.1458	12.9274
Cm-246	0.9745	0.7588	1.3858	1.6975	0.6626	0.5645	1.2862	1.1732
Cm-247	1.8763	1.6096	2.0177	2.1043	1.7510	1.4128	3.8065	2.4834
Cm-248	3.7880	3.2584	4.4331	4.4221	3.4204	2.7848	7.4347	4.5683
Cm-249	1.5389	1.0676	1.9176	3.1047	0.8796	0.7073	1.9575	2.5988
Cm-250	29.3177	25.9588	32.0364	28.9856	28.5019	22.9849	63.3847	35.3400
Cm-251	1.4544	1.1776	1.8323	2.0660	1.1505	0.9365	2.3602	1.7610
Co-54m	5.3313	4.7723	5.8246	5.2016	5.2628	4.2859	13.1961	6.6990
Co-55	3.1847	2.6632	3.6733	4.0104	2.7872	2.2349	6.8027	4.3507
Co-56	7.1729	5.8768	8.4907	10.0610	5.9018	4.7793	14.7125	10.2254
Co-57	9.9291	7.4990	11.9049	17.6571	6.6753	5.4445	14.5198	14.8041
Co-58	4.7209	3.5988	5.7613	7.9314	3.3945	2.6915	8.1265	7.4944

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Co-58m	3.3932	2.3126	4.2438	7.0807	1.8510	1.4910	4.1465	5.8686
Co-60	3.5348	3.2468	4.0314	3.3543	3.5182	2.8934	9.5913	4.3858
Co-60m	3.7982	2.6021	4.7541	7.8452	2.1014	1.7040	4.6823	6.5026
Co-61	3.2466	2.6009	3.6700	3.6448	2.8934	3.1198	5.3510	2.6318
Co-62	2.0362	1.8627	2.3118	1.9340	2.0260	1.6657	5.3897	2.4594
Co-62m	3.6349	3.3199	4.1202	3.4546	3.6152	2.9659	9.5960	4.3989
Cr-48	6.9276	5.7191	7.4443	8.7070	5.8921	4.6251	11.3992	9.0935
Cr-49	3.1771	2.6620	3.4073	3.3077	3.0053	2.6553	5.2417	3.3518
Cr-51	2.1327	1.4974	2.6210	4.2077	1.2505	1.0113	2.6789	3.5916
Cr-55	0.0008	0.0007	0.0008	0.0007	0.0008	0.0006	0.0018	0.0008
Cr-56	6.9113	5.3056	7.4212	8.7281	5.6685	4.8758	11.5529	6.8469
Cs-121	2.3332	1.9719	2.4544	2.5865	2.1469	1.6469	4.2703	2.8780
Cs-121m	4.3639	3.7189	4.6440	4.7972	3.9791	3.0534	7.6431	5.3833
Cs-123	4.4232	3.5459	4.5833	4.9588	3.9180	2.9113	8.0661	4.8803
Cs-124	1.0902	0.9149	1.1339	1.1739	1.0008	0.7788	2.0601	1.3127
Cs-125	4.0009	3.1665	4.1281	4.7107	3.4618	2.5227	7.3416	4.5105
Cs-126	1.9483	1.6070	2.0149	2.1782	1.7712	1.3559	3.8433	2.3650
Cs-127	6.3128	5.0203	6.4750	7.5377	5.4497	4.0193	11.5890	7.1700
Cs-128	1.9530	1.5501	2.0113	2.3053	1.6963	1.2508	3.6371	2.2522
Cs-129	7.2362	5.6462	7.4377	8.8074	6.1169	4.4168	12.6616	8.2115
Cs-130m	7.3822	5.7291	7.9988	9.7672	5.9699	4.7723	11.7374	8.4315
Cs-130	2.4489	1.8734	2.5230	3.0768	2.0183	1.4245	4.2133	2.6388
Cs-131	4.1858	3.1813	4.3125	5.3367	3.4130	2.3941	7.0870	4.4845
Cs-132	6.0943	4.8310	6.3981	7.1536	5.3022	3.8319	11.5659	7.0255
Cs-134	4.1626	3.6202	4.6235	4.1199	4.1018	3.1727	9.8512	5.6263
Cs-134m	3.8357	2.8470	4.3441	6.2716	2.7084	2.0742	5.7121	5.3499
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	3.7844	3.3354	4.4014	3.9886	3.7087	2.8903	9.2721	5.0931
Cs-136	6.2844	5.5320	6.9853	6.4602	6.0623	4.8818	13.6925	7.9350
Cs-137	2.0344	2.1139	2.1813	1.9941	1.9887	2.1432	2.2340	2.1342
Cs-138m	3.9165	3.1352	4.1719	4.9070	3.3025	2.4970	6.7096	4.7870
Cs-138	3.5601	3.1720	3.8819	3.4244	3.5106	2.8545	8.5144	4.2782
Cs-139	0.3544	0.3206	0.3940	0.3366	0.3521	0.2887	0.8990	0.4263
Cs-140	2.3985	2.1156	2.6124	2.2742	2.3738	1.8980	5.6963	2.9238
Cu-57	0.1887	0.1697	0.2159	0.1877	0.1846	0.1494	0.4824	0.2324
Cu-59	0.9940	0.8719	1.1082	1.0610	0.9429	0.7642	2.2692	1.3154
Cu-60	3.8183	3.3764	4.3164	4.0657	3.6322	2.9831	9.2214	4.7283
Cu-61	2.6033	1.9319	3.1189	4.5404	1.7561	1.4494	3.8869	4.0824
Cu-62	0.1127	0.0792	0.1399	0.2235	0.0662	0.0534	0.1523	0.1898
Cu-64	2.0393	1.3917	2.5498	4.2473	1.1158	0.8992	2.5032	3.5240

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Cu-66	0.1744	0.1566	0.1983	0.1668	0.1726	0.1381	0.4396	0.2041
Cu-67	2.9081	2.4032	3.2807	3.8102	2.4461	1.9707	4.2551	3.9436
Cu-69	1.0629	0.9432	1.1951	1.0341	1.0502	0.8332	2.5958	1.3197
Dy-148	6.4721	5.2962	7.9855	8.0516	5.4770	4.1126	10.9408	10.4945
Dy-149	9.9792	8.2604	12.2992	12.3090	8.5180	6.4504	17.1309	15.6932
Dy-150	4.2325	3.4739	5.1645	5.3951	3.5631	2.7297	6.9997	6.9275
Dy-151	9.5809	7.8064	11.8159	12.7944	7.8722	6.0768	16.1479	14.9591
Dy-152	6.7782	5.7465	8.2386	8.3680	5.7360	4.4404	11.6144	10.9721
Dy-153	13.7446	11.2949	17.0789	17.5474	11.4214	8.7927	21.8153	22.1244
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	8.3711	7.0482	10.3016	10.2996	7.1076	5.4870	13.7499	13.2402
Dy-157	7.1067	5.8722	8.6996	8.8773	5.9508	4.5957	10.5964	11.4223
Dy-159	5.8175	4.6585	7.5667	8.0109	4.5760	3.4315	8.3863	10.0767
Dy-165m	2.4395	1.7602	3.0676	4.5330	1.5281	1.2018	3.2192	4.0772
Dy-165	0.7836	0.6421	1.0095	1.0294	0.6432	0.4986	1.2373	1.1070
Dy-166	4.8369	3.8045	6.3219	7.3358	3.6035	2.9086	7.0425	7.1007
Dy-167	4.5322	3.8751	5.3446	5.3516	3.9852	3.1641	8.2983	6.3568
Dy-168	5.2723	4.3828	6.4666	6.8689	4.4072	3.4458	8.5542	7.7326
Er-154	7.8668	6.0924	9.9604	11.6547	5.9018	4.3685	12.1061	11.0446
Er-156	11.2926	8.5361	14.3452	18.6969	7.8480	6.0716	15.7402	17.9302
Er-159	8.0054	6.6426	10.1916	10.4316	6.6644	5.1642	13.5551	11.5498
Er-161	9.0143	7.4367	11.6658	12.2706	7.3394	5.7257	15.2070	13.1565
Er-163	4.9978	4.0512	6.8174	7.1665	3.8691	2.9752	7.4336	7.5142
Er-165	4.8884	3.9518	6.6597	7.0638	3.7653	2.8968	7.2471	7.3686
Er-167m	3.1111	2.5619	3.9112	4.4934	2.4076	1.9166	4.5588	4.4084
Er-169	0.0977	0.0666	0.1223	0.2038	0.0533	0.0430	0.1195	0.1690
Er-171	6.7424	5.6521	8.2043	8.7391	5.6184	4.5084	10.9009	8.7953
Er-172	6.4895	5.3542	8.3487	8.7153	5.3472	4.2956	11.1172	8.5238
Er-173	9.7404	8.3241	11.9950	12.3361	8.2958	6.6085	16.2921	12.4393
Es-249	11.3806	9.2213	14.5164	16.4863	8.7954	7.1791	17.6533	13.1442
Es-250	41.6437	33.1343	55.3549	63.6160	30.7723	25.3423	61.4112	48.0134
Es-250m	10.6407	8.6001	13.8000	15.5650	8.1452	6.6535	16.5332	12.0441
Es-251	12.7488	10.1682	16.7892	19.9753	9.2172	7.5944	18.2246	14.9709
Es-253	0.3606	0.2773	0.5036	0.6139	0.2440	0.2048	0.4786	0.4352
Es-254	13.3872	10.1959	18.3900	23.4806	8.8265	7.4012	17.5668	17.0676
Es-254m	5.4907	4.3664	7.1330	7.8836	4.2221	3.3739	8.8875	6.4047
Es-255	0.0015	0.0013	0.0016	0.0015	0.0015	0.0012	0.0033	0.0018
Es-256	1.6974	1.3104	2.3207	2.6977	1.1848	0.9658	2.3562	1.8881
Eu-142	0.6842	0.5705	0.7789	0.7740	0.6175	0.4741	1.3146	1.1615
Eu-142m	8.1904	6.8351	9.3414	9.8025	7.3147	5.7268	17.1223	11.9186

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Eu-143	1.7405	1.4019	1.9698	2.0689	1.4903	1.1195	2.8377	3.3010
Eu-144	0.7638	0.6138	0.8642	0.9114	0.6531	0.4929	1.2314	1.4449
Eu-145	6.5385	5.2870	7.4415	7.7557	5.6508	4.2415	11.0429	12.2367
Eu-146	9.2107	7.6255	10.3811	10.2891	8.3271	6.2975	17.6372	15.7408
Eu-147	7.8005	6.2929	8.7985	9.4098	6.6059	4.9469	11.8448	14.9411
Eu-148	10.4374	8.6165	11.5028	11.4146	9.4773	7.2019	19.7114	17.5999
Eu-149	5.7431	4.3545	6.7191	8.1753	4.3697	3.2404	7.7112	11.6808
Eu-150	10.1100	8.3767	11.0461	11.2201	9.0864	7.0160	17.6289	17.2297
Eu-150m	0.6206	0.4961	0.6948	0.7487	0.5254	0.3947	0.9313	1.2195
Eu-152	7.6303	6.2851	8.5238	8.9686	6.6499	5.0988	13.2398	13.3819
Eu-152m	2.2851	1.8533	2.5894	2.7543	1.9617	1.4798	3.8377	4.2175
Eu-152n	6.3574	4.8176	7.4413	9.5855	4.7443	3.9501	9.0103	9.4282
Eu-154	5.2987	4.5364	6.0403	6.1708	4.7523	3.7486	10.7626	7.5621
Eu-154m	8.4117	6.2515	9.8900	13.2960	6.0576	4.9756	11.7776	13.0230
Eu-155	3.4808	2.7927	3.9955	4.2587	2.9477	2.3927	5.3755	4.8805
Eu-156	3.0709	2.5974	3.5645	3.5878	2.7479	2.2073	6.2665	4.3208
Eu-157	6.9697	5.4908	8.4448	9.6478	5.5308	4.4732	10.5919	11.2943
Eu-158	4.5023	3.7399	5.3104	5.6085	3.8915	3.1543	8.7102	6.4803
Eu-159	7.7511	6.2604	9.4601	9.7969	6.4380	5.1653	11.8229	12.4859
F-17	0.0006	0.0006	0.0007	0.0006	0.0006	0.0005	0.0016	0.0008
F-18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-52	3.8499	3.2046	4.4011	5.4393	3.2645	2.5498	5.4112	6.0039
Fe-53	0.9167	0.7867	0.9551	1.0056	0.8575	0.6962	1.7960	1.2514
Fe-53m	5.2120	4.6560	5.8741	5.0286	5.1600	4.1123	13.0903	6.4870
Fe-55	2.8140	1.9178	3.5199	5.8739	1.5346	1.2364	3.4374	4.8686
Fe-59	1.9006	1.7390	2.1639	1.8125	1.8862	1.5388	4.9674	2.3417
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	2.6430	2.3932	2.9175	2.5227	2.6016	2.1155	6.2894	3.1870
Fe-62	1.8098	1.5516	1.8609	1.6965	1.7833	1.4272	3.9758	2.4703
Fm-251	10.2018	8.0722	13.0037	15.7802	7.4370	6.0538	15.0965	12.3391
Fm-252	0.9233	0.7158	1.2972	1.5033	0.6401	0.5342	1.2470	1.0348
Fm-253	11.7851	9.2901	15.6730	18.5952	8.3548	6.8721	16.6197	13.7097
Fm-254	0.9469	0.7358	1.3258	1.5322	0.6607	0.5510	1.2913	1.0626
Fm-255	10.4975	8.1465	14.4626	17.6317	7.0968	5.9441	13.9841	12.5594
Fm-256	27.6728	24.5043	30.2086	27.4006	26.8945	21.6581	59.8228	33.4348
Fm-257	11.5295	9.1925	15.2320	17.6394	8.4984	6.9959	16.7528	13.2915
Fr-212	12.1735	9.7429	15.3944	19.5119	9.2179	7.9715	19.1904	16.0378
Fr-219	0.0395	0.0324	0.0461	0.0539	0.0331	0.0284	0.0635	0.0514
Fr-220	1.8364	1.3882	2.4419	3.4283	1.2328	1.0755	2.4493	2.5836
Fr-221	0.7170	0.6026	0.8732	1.0203	0.5806	0.4984	1.1009	0.9132

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Fr-222	6.8801	5.6045	8.8803	11.0276	5.1075	4.2483	9.7700	8.9109
Fr-223	6.7427	5.4522	9.4528	11.0202	4.9596	4.1501	9.6738	8.4402
Fr-224	5.1304	4.2813	6.3694	7.5554	4.0818	3.4095	8.3370	6.5568
Fr-227	9.0081	7.2383	10.9878	13.0205	7.2145	6.2109	14.0090	10.9213
Ga-64	2.6848	2.3821	3.0447	2.7677	2.5963	2.1150	6.4717	3.1977
Ga-65	5.9040	4.5576	6.9031	9.3140	4.3770	3.5454	9.1855	8.4006
Ga-66	4.4001	3.3588	5.2978	7.3534	3.1291	2.5500	7.4272	6.6377
Ga-67	10.6448	7.7015	12.8216	19.4564	6.8197	5.5159	14.0991	16.9412
Ga-68	0.7537	0.5282	0.9353	1.4993	0.4402	0.3547	1.0086	1.2688
Ga-70	0.0473	0.0366	0.0566	0.0772	0.0345	0.0276	0.0755	0.0726
Ga-72	4.0276	3.5727	4.5558	4.0361	3.9688	3.1646	9.7624	5.0527
Ga-73	11.6399	8.5150	14.2630	21.4379	7.4283	6.0416	15.7142	18.8011
Ga-74	4.3920	3.8682	4.7610	4.1554	4.3461	3.4763	10.3624	5.3936
Gd-142	3.6190	2.9957	4.1757	4.2534	3.1502	2.3980	5.9824	6.3875
Gd-143m	8.6352	7.2625	9.8306	9.9013	7.6256	5.8821	15.4698	14.5614
Gd-144	3.0783	2.4723	3.6231	3.8292	2.5672	1.9272	4.7169	5.8235
Gd-145m	4.2495	3.3080	5.0304	6.3252	3.2938	2.5319	7.3977	6.6299
Gd-145	5.0654	4.1934	5.8596	5.9059	4.4420	3.4374	8.9607	8.4613
Gd-146	14.2198	11.4865	16.3701	17.6042	12.0182	8.9197	21.2330	26.0701
Gd-147	10.1951	8.5713	11.6499	11.6618	9.0323	6.9516	17.9712	17.2050
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	9.1948	7.5355	10.5875	11.1994	7.9007	5.9814	14.1064	16.7488
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	6.7652	5.1902	8.2131	9.9013	5.1081	3.8330	9.2344	12.8938
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	8.6057	6.8055	10.0235	10.6107	7.1631	5.2440	12.4062	16.0453
Gd-159	1.4498	1.1858	1.8209	1.8667	1.1975	0.9245	2.2219	2.3544
Gd-162	2.8662	2.3233	3.1158	3.7268	2.4461	1.9509	5.2981	4.4103
Ge-66	11.5226	8.5812	13.9160	19.7245	7.8733	6.2907	16.3512	18.8418
Ge-67	3.3052	2.8509	3.7145	4.1411	3.0262	2.3649	5.2638	4.9329
Ge-68	6.9083	4.7114	8.6541	14.4252	3.7727	3.0421	8.4421	11.9378
Ge-69	6.7353	4.8765	8.2618	12.5596	4.2692	3.4348	9.9177	11.0010
Ge-71	7.0068	4.7785	8.7775	14.6308	3.8265	3.0855	8.5624	12.1079
Ge-75	0.2987	0.2789	0.3121	0.2834	0.2884	0.2376	0.6314	0.3932
Ge-77	5.0704	4.5939	5.4742	5.0426	4.8603	3.9195	10.3566	6.6144
Ge-78	2.1646	2.0130	2.2292	1.9970	2.1035	1.7330	4.4234	2.8416
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	5.2337	4.2619	6.5448	7.2312	4.1914	3.5287	7.8675	6.8073
Hf-169	7.6885	6.1755	9.6629	10.7897	6.1413	5.1656	12.6391	10.0989
Hf-170	13.0013	10.2265	16.4172	19.8804	9.8241	8.1172	19.7622	17.9888

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Hf-172	14.9772	11.3327	19.2049	24.5695	10.5476	8.7823	21.8659	20.3789
Hf-173	12.3857	10.1853	15.1121	17.1644	10.0175	8.4008	20.2854	15.6821
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	8.7555	7.0284	11.0823	12.5659	6.8575	5.7844	13.4136	11.5012
Hf-177m	37.5331	31.0163	44.2135	50.3325	30.8119	25.6765	60.2522	50.1590
Hf-178m	25.0440	20.4966	28.7557	32.9953	20.7690	17.2706	41.6665	33.6791
Hf-179m	18.0074	14.4304	21.6146	26.2866	14.1343	11.8402	28.4687	24.8221
Hf-180m	13.5493	11.1200	15.9551	17.9448	11.1925	9.4060	21.9069	17.8732
Hf-181	6.8021	5.4714	7.8336	9.6152	5.4924	4.6140	11.5390	9.2656
Hf-182	3.2834	2.8278	3.7012	4.0140	2.8540	2.3944	5.9798	4.4161
Hf-182m	13.6155	10.9004	16.4675	19.5027	10.7737	9.0411	21.8068	18.3645
Hf-183	5.3589	4.3924	6.2950	6.6798	4.6503	4.2226	9.8276	6.3495
Hf-184	14.7947	10.8697	18.0873	26.7311	9.6872	7.9175	20.0160	23.8475
Hg-190	13.9540	10.5929	16.9835	23.5291	10.0517	9.0897	19.9376	19.1795
Hg-191m	16.6528	13.0181	19.7907	25.6703	12.6790	11.2828	26.9779	22.6770
Hg-192	14.2042	10.7422	17.3688	23.9219	10.1162	9.2370	20.3728	19.4940
Hg-193	12.9931	9.8700	15.9534	21.6051	9.3922	8.5458	19.3014	17.6953
Hg-193m	10.0336	7.7616	12.0379	15.5829	7.6383	6.9093	16.0412	13.3256
Hg-194	3.9053	2.7232	5.0957	8.2005	2.2257	1.8322	4.8343	6.4903
Hg-195	11.3949	8.3885	14.3031	20.3964	7.7144	7.1034	15.7462	15.9560
Hg-195m	14.4365	10.5207	18.2957	27.2883	9.2802	8.0866	19.5656	21.9537
Hg-197	11.0483	8.1003	13.8254	19.8429	7.4270	6.9592	14.9793	15.2922
Hg-197m	9.9014	7.3206	12.3965	18.2400	6.5779	5.7872	13.6433	14.5316
Hg-199m	9.8123	7.4454	12.1092	16.7885	7.0800	6.3052	13.5841	13.9773
Hg-203	3.0666	2.6125	3.4552	3.8887	2.6281	2.2837	5.3787	4.0118
Hg-205	0.1265	0.1057	0.1509	0.1740	0.1032	0.0901	0.1844	0.1593
Hg-206	1.6604	1.3530	1.9189	2.2759	1.3609	1.2066	2.5585	2.1374
Hg-207	6.8392	5.7602	7.7662	8.2915	6.0792	5.1821	13.1550	8.2987
Ho-150	3.4615	2.9766	4.1368	3.8750	3.2270	2.4938	7.5300	4.9291
Ho-153	6.1669	5.2058	7.4957	7.4454	5.3195	4.2265	10.4299	8.9716
Ho-153m	7.7448	6.4499	9.4272	9.7934	6.5795	5.0777	12.8972	11.5837
Ho-154m	10.9769	9.3786	12.4692	12.1606	10.0538	7.9760	20.8597	15.5904
Ho-154	5.9489	5.0933	6.8794	6.6408	5.3932	4.2752	10.8655	8.3303
Ho-155	8.2926	6.7458	10.4091	11.4068	6.6295	5.1213	12.8440	13.0334
Ho-156	9.9720	8.5315	11.8733	12.0958	8.7283	6.8948	18.3204	14.3473
Ho-157	12.2433	10.0692	15.5868	16.3117	9.9806	7.7767	19.0467	18.7695
Ho-159	13.4153	11.1009	16.8076	17.6752	11.0347	8.5646	21.2661	20.1784
Ho-160	11.6091	9.6047	14.4389	14.8858	9.7900	7.6235	20.4060	17.1634
Ho-161	8.4437	6.5391	10.5811	12.2756	6.4017	4.7226	12.8760	12.5269
Ho-162	6.5323	5.2070	8.5618	9.4453	5.0137	3.9046	9.5816	10.3814

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ho-162m	10.5879	8.4116	13.4592	15.8230	8.0330	6.3180	15.9306	16.4882
Ho-163	0.1129	0.0769	0.1412	0.2357	0.0616	0.0496	0.1379	0.1953
Ho-164	3.8376	3.0500	5.0593	5.6036	2.9248	2.2574	5.5616	6.1130
Ho-164m	9.4482	7.1396	12.2733	15.9190	6.4752	5.0690	13.0135	15.1934
Ho-166	1.7033	1.2907	2.1836	2.8605	1.1752	0.9932	2.3971	2.4784
Ho-166m	10.6597	9.0059	12.7089	13.4605	9.2336	7.3922	19.1462	14.7550
Ho-167	4.1664	3.5192	4.9265	5.1221	3.5801	2.9198	6.7821	5.5800
Ho-168	4.3261	3.5566	5.2710	5.8569	3.6166	2.9171	8.1078	6.0640
Ho-168m	2.4419	1.7673	3.1449	4.5748	1.5146	1.1978	3.1952	4.0429
Ho-170	10.2626	8.6346	12.5294	13.2893	8.7094	7.0187	18.8829	13.8736
I-118m	8.6388	7.3999	9.3132	8.5178	8.3520	6.3974	19.5756	10.9851
I-118	2.9865	2.5454	3.1965	2.9400	2.8781	2.2043	6.7638	3.7516
I-119	4.7143	3.9606	4.8407	5.0837	4.2366	3.1622	9.6612	5.3428
I-120	4.2457	3.5434	4.4887	4.4074	3.9652	3.0162	9.2149	4.8769
I-120m	7.7798	6.5882	8.2777	7.7252	7.4500	5.6891	17.4446	9.6521
I-121	6.5557	5.3537	6.8439	7.3135	5.7290	4.1236	11.7786	6.9064
I-122	1.3738	1.0749	1.4203	1.5764	1.1956	0.8415	2.6989	1.4782
I-123	7.1703	5.6791	7.4500	8.6368	6.2849	4.3935	12.3636	8.2341
I-124	5.1057	4.0284	5.3099	5.7928	4.4809	3.1741	10.1903	5.4837
I-125	8.3305	6.2273	8.4949	10.2843	6.8252	4.5329	15.0611	8.2103
I-126	3.6782	2.9201	3.8083	4.1989	3.2432	2.3221	7.2882	4.0930
I-128	0.5635	0.4515	0.5760	0.6315	0.5039	0.3701	1.1259	0.6472
I-129	4.2577	3.2495	4.3765	5.2878	3.5135	2.4613	7.1324	4.9495
I-130m	1.7619	1.3285	1.9153	2.4953	1.3683	0.9992	2.9999	2.2142
I-130	6.2438	5.4049	6.7642	6.0946	6.1437	4.7793	14.4693	8.3936
I-131	2.0690	2.1360	2.2030	2.0454	2.0163	2.1384	2.2253	2.1567
I-132	5.5337	4.8372	6.1613	5.4529	5.4548	4.2336	13.2003	7.3349
I-132m	4.2551	3.2740	4.9643	5.9171	3.3856	2.5376	7.2142	5.2548
I-133	1.9436	1.6739	2.0422	1.8441	1.9116	1.5114	4.3717	2.6103
I-134m	6.6551	5.3955	6.9318	7.5887	5.7853	4.2113	12.3108	7.6108
I-134	5.7353	5.0681	6.4557	5.7559	5.6409	4.4462	13.7953	7.3360
I-135	2.4190	2.1844	2.6912	2.3096	2.3941	1.9494	6.0531	2.9348
In-103	4.9460	4.3416	5.6528	5.0591	4.7188	3.7137	10.0401	5.8410
In-105	5.5730	4.7124	6.3637	6.1330	5.0933	3.9877	11.3298	5.9998
In-106	7.5564	6.4852	8.5785	7.6361	7.2575	5.6125	17.2188	9.1505
In-106m	3.4662	2.9522	3.8776	3.4631	3.3229	2.5767	7.7493	4.0403
In-107	6.2587	5.1368	7.5087	7.0187	5.5248	4.2382	11.4602	6.2253
In-108	11.9192	10.0629	13.8974	12.6641	11.0542	8.5388	25.8128	13.3455
In-108m	5.0009	4.0778	5.9019	5.5057	4.5209	3.4529	10.2454	5.1644
In-109	7.8561	6.3481	9.5910	9.0271	6.7885	5.1672	13.6334	7.4498

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
In-109m	2.0379	1.7152	2.2309	2.0180	1.9587	1.4619	4.5816	2.5742
In-110	12.0319	9.8836	14.3233	13.2814	10.9644	8.3035	25.4892	13.1944
In-110m	3.9485	3.1833	4.6900	4.3947	3.5464	2.6520	8.0314	4.2330
In-111	9.9387	8.2057	11.8575	11.4762	8.7848	6.6658	17.5971	10.5904
In-111m	2.1547	1.7776	2.3028	2.1881	2.0249	1.5412	4.5643	2.6337
In-112	1.7923	1.3397	2.2941	2.2701	1.4536	1.0533	3.1054	1.5101
In-112m	3.8702	2.8950	4.4335	4.7950	3.1910	2.1652	6.9378	3.5578
In-113m	2.7682	2.2002	3.0220	3.1675	2.4451	1.8005	5.4381	2.9779
In-114	0.0278	0.0212	0.0353	0.0346	0.0229	0.0169	0.0504	0.0243
In-114m	2.9244	2.2356	3.3786	3.6229	2.4113	1.6889	5.1465	2.8434
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	3.0539	2.3859	3.3988	3.5210	2.6155	1.8859	5.4360	3.0164
In-116m	3.9231	3.5449	4.3701	3.8017	3.8809	3.1624	10.0022	4.8558
In-117	4.7087	4.0415	4.9868	5.0209	4.5903	3.4701	8.6744	6.5796
In-117m	2.0981	1.6703	2.3234	2.4326	1.8410	1.3271	3.5885	2.2614
In-118m	4.9559	4.4597	5.5896	4.7496	4.9078	3.9343	12.6679	6.2164
In-118	0.1193	0.1091	0.1354	0.1136	0.1186	0.0972	0.3212	0.1523
In-119	3.2882	2.6650	3.9049	4.0597	2.8791	2.1656	6.8816	4.0959
In-119m	0.7867	0.5939	0.9385	1.0650	0.6206	0.4512	1.3940	0.8401
In-121	2.0704	1.8439	2.3463	2.0400	2.0386	1.6079	5.0532	2.5631
In-121m	2.8794	2.1923	3.0750	3.2598	2.4636	1.7871	5.4967	2.4740
Ir-180	10.5770	8.3741	12.3489	15.6364	8.2907	7.1800	17.8094	14.3783
Ir-182	10.9309	8.6269	12.7857	16.4748	8.4279	7.3645	18.0497	14.7965
Ir-183	14.4009	10.9104	17.3022	23.1150	10.5279	9.5240	21.8551	19.4894
Ir-184	15.9954	12.5873	18.7624	23.8513	12.4178	10.8742	26.8047	21.5595
Ir-185	17.3785	12.8345	21.2152	29.9926	11.9348	10.6355	24.8088	24.9286
Ir-186	15.3877	12.0791	18.0112	22.8856	11.9900	10.5577	25.0062	20.6729
Ir-186m	9.4435	7.3327	11.2210	14.3710	7.2580	6.4163	15.4791	12.6519
Ir-187	11.9038	8.7705	14.5362	20.3394	8.2380	7.5451	16.9799	16.5650
Ir-188	11.6325	9.0234	13.8022	17.6321	8.9827	8.0090	18.7089	15.4846
Ir-189	10.1595	7.3894	12.5214	18.0223	6.7767	6.2115	13.9379	14.4639
Ir-190	14.9655	11.8878	17.3290	21.0794	12.0804	10.4349	24.6797	20.2091
Ir-190m	3.8629	2.6452	4.8817	8.0824	2.1277	1.7233	4.7323	6.6274
Ir-190n	7.6663	5.6187	9.3981	13.1772	5.2639	4.8974	10.6475	10.5437
Ir-191m	10.3041	7.5037	12.7356	18.8708	6.7569	6.0383	14.1414	15.0779
Ir-192	5.7998	4.9353	6.2697	6.5210	5.2300	4.3857	9.8497	7.5761
Ir-192m	4.3367	2.9998	5.5995	9.1184	2.4395	1.9973	5.3461	7.3063
Ir-192n	9.0299	6.2518	11.6668	18.9681	5.0926	4.1771	11.1441	15.1802
Ir-193m	3.8347	2.6305	4.8546	8.0113	2.1224	1.7250	4.7075	6.5516
Ir-194	0.5011	0.4327	0.5403	0.5418	0.4602	0.3837	0.8702	0.6447

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ir-194m	11.8895	9.9780	12.9467	13.5861	10.8058	8.7828	22.5371	15.9888
Ir-195	7.7613	5.6852	9.6022	13.7265	5.2639	4.7863	10.6479	10.8495
Ir-195m	7.7185	5.9207	9.2261	12.3110	5.7333	5.0532	11.6083	10.6696
Ir-196	0.9818	0.8406	1.0763	1.0958	0.9099	0.7517	1.9209	1.2943
Ir-196m	14.2442	11.6770	15.8233	18.0110	12.4268	10.1035	26.7814	19.7149
K-38	1.6221	1.4686	1.7473	1.5224	1.6180	1.3674	3.8199	1.6895
K-40	0.2418	0.2055	0.2761	0.2943	0.2141	0.1758	0.5331	0.3089
K-42	0.3181	0.2848	0.3469	0.2975	0.3155	0.2593	0.7626	0.3447
K-43	3.7723	3.2798	3.9398	3.6432	3.6933	2.9120	8.0337	5.0030
K-44	2.6218	2.3752	2.9363	2.4985	2.6062	2.1398	6.6281	3.0723
K-45	3.6348	3.2976	3.9732	3.6195	3.6114	2.8952	7.0084	4.6061
K-46	2.5528	2.3366	2.8801	2.4360	2.5444	2.1190	6.7333	3.0297
Kr-74	7.6051	6.0351	9.3806	12.0492	5.8692	5.0394	11.3995	10.1216
Kr-75	5.3731	4.4476	6.4188	8.1325	4.4314	3.6579	8.9093	7.2013
Kr-76	12.2779	9.4802	16.3897	22.3472	8.7600	7.2993	17.5090	18.3185
Kr-77	5.4442	4.5722	6.3177	8.0663	4.5401	3.7664	9.2891	7.1480
Kr-79	7.7996	5.8260	10.7579	15.6759	5.1536	4.3674	10.6903	11.7614
Kr-81	7.0989	5.1580	10.0953	15.2366	4.3986	3.7654	9.0196	10.8764
Kr-81m	3.8764	3.2278	5.1118	6.2656	3.0886	2.5653	5.3567	5.2625
Kr-83m	3.1749	2.2939	4.4261	6.7432	1.9369	1.6442	4.0150	4.9280
Kr-85	0.0081	0.0069	0.0084	0.0078	0.0079	0.0063	0.0176	0.0110
Kr-85m	3.0331	2.6216	3.5277	4.0961	2.7585	2.2138	4.7391	4.3143
Kr-87	1.4942	1.3145	1.5814	1.5143	1.4674	1.1925	3.4073	1.9229
Kr-88	3.5616	3.1119	4.2990	4.4433	3.2195	2.6619	6.8188	4.2449
Kr-89	3.3144	2.9608	3.6764	3.2944	3.2314	2.6144	7.4240	4.0821
La-128	6.9381	6.0595	7.3588	6.9439	6.6275	5.2711	14.7456	8.8660
La-129	4.8163	3.9769	4.9970	5.5377	4.2604	3.2595	8.5544	5.9746
La-130	5.4060	4.6074	5.7213	5.6884	5.0656	3.9995	10.8511	6.8599
La-131	6.9067	5.5964	7.1604	8.1455	6.0232	4.5564	11.8904	8.5238
La-132	5.7507	4.7656	6.0491	6.4032	5.2298	4.0651	11.2930	7.2462
La-132m	6.5687	5.3767	6.9807	8.1597	5.6685	4.3968	11.6458	8.8669
La-133	5.5699	4.2229	6.1218	8.2200	4.2353	3.1946	8.4149	7.4657
La-134	1.7321	1.3497	1.8122	2.2199	1.4294	1.0599	2.8094	2.1344
La-135	4.3427	3.3542	4.5352	5.6851	3.5285	2.6045	6.8079	5.3428
La-136	2.8533	2.2088	2.9858	3.7243	2.3255	1.7179	4.5139	3.5116
La-137	4.1953	3.2336	4.3892	5.5339	3.3926	2.5035	6.5413	5.1762
La-138	4.1071	3.3798	4.4813	4.9316	3.6066	2.7905	8.0748	5.1436
La-140	3.9766	3.4902	4.2863	3.8715	3.8914	3.1436	8.8248	4.8203
La-141	0.0333	0.0304	0.0374	0.0314	0.0331	0.0273	0.0877	0.0401
La-142	2.7001	2.3946	2.9589	2.5702	2.6740	2.1519	6.4190	3.2077

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
La-143	0.3919	0.3477	0.4319	0.3753	0.3879	0.3105	0.9495	0.4813
Lu-165	11.5262	9.4453	14.6487	16.0233	9.2716	7.5761	18.8616	15.1949
Lu-167	12.7967	10.3237	15.9304	18.1118	10.1429	8.1843	21.3252	16.7863
Lu-169m	2.8369	1.9340	3.5510	5.9225	1.5481	1.2478	3.4660	4.9052
Lu-169	11.8956	9.6982	15.4171	16.9016	9.4404	7.7472	19.5825	15.5990
Lu-170	10.4470	8.5177	13.3479	14.7760	8.3342	6.9047	18.1409	13.6241
Lu-171m	2.9985	2.0475	3.7544	6.2409	1.6433	1.3272	3.6722	5.1682
Lu-171	15.9540	12.3611	21.1922	25.4735	11.5648	9.5686	23.9441	21.7522
Lu-172	14.7524	11.9577	18.6520	21.1072	11.7082	9.6169	25.0167	19.8258
Lu-172m	2.5505	1.7387	3.1921	5.3244	1.3917	1.1216	3.1160	4.4107
Lu-173	12.1613	9.7941	16.2132	17.8805	9.3443	7.7823	18.6112	15.7636
Lu-174	7.4271	5.7933	9.9193	11.8818	5.3568	4.4572	10.9125	10.1771
Lu-174m	11.1224	8.2350	14.3185	19.6162	7.3574	6.1334	15.2075	16.8898
Lu-176	9.3189	7.6120	10.9671	12.9712	7.3987	6.1808	13.6761	12.6652
Lu-176m	2.3489	1.7120	2.9209	4.1963	1.5362	1.3104	3.1803	3.5011
Lu-177	1.1797	0.9540	1.4052	1.6924	0.9233	0.7585	1.7970	1.5819
Lu-177m	20.7089	17.0510	24.7044	28.1847	16.9201	14.1031	33.1327	27.3969
Lu-178	1.5463	1.1674	1.8983	2.5594	1.0908	0.9113	2.3270	2.2350
Lu-178m	15.4136	12.6526	17.7259	19.8796	12.9005	10.9067	24.7675	19.8194
Lu-179	0.4076	0.3683	0.4619	0.4399	0.3703	0.3038	0.6838	0.5066
Lu-180	6.8927	5.6960	8.0451	9.1154	5.7701	4.7804	12.7788	9.2630
Lu-181	8.9359	6.9115	10.9499	14.1438	6.5672	5.3501	13.7273	13.1560
Mg-27	1.8609	1.6576	2.1525	1.8797	1.8406	1.4503	4.6181	2.3829
Mg-28	5.3478	4.4824	5.5022	5.4526	5.0139	3.7727	11.3344	5.5086
Mn-50m	6.0596	5.4383	6.9031	5.9643	5.9999	4.8055	15.3650	7.6642
Mn-51	0.0765	0.0542	0.0947	0.1494	0.0460	0.0369	0.1056	0.1282
Mn-52	7.0367	5.9410	8.1723	8.6926	6.2483	4.9884	15.5073	9.5612
Mn-52m	1.7731	1.5983	1.9752	1.7154	1.7444	1.4371	4.4679	2.0758
Mn-53	2.2915	1.5617	2.8663	4.7832	1.2496	1.0068	2.7991	3.9646
Mn-54	4.1385	3.2011	5.0250	6.7044	3.0727	2.4354	7.3982	6.4408
Mn-56	2.5437	2.2682	2.8990	2.5520	2.5202	2.0148	6.2302	3.1625
Mn-57	4.7855	3.5565	6.0645	9.0081	3.0572	2.5137	6.5590	7.2808
Mn-58m	4.0502	3.6289	4.5960	4.0276	4.0137	3.2250	10.2094	5.2377
Mo-101	4.5666	3.8579	5.3412	5.5212	4.0168	3.2716	8.8489	5.8226
Mo-102	0.2883	0.2620	0.3285	0.3046	0.2722	0.2203	0.4817	0.3512
Mo-89	0.6035	0.5327	0.7399	0.6820	0.5405	0.4402	1.2511	0.6856
Mo-90	13.4178	11.8583	17.0384	16.9249	10.9039	9.1532	21.7701	13.7619
Mo-91m	2.2271	1.9537	2.6209	2.3545	2.0686	1.6575	4.8533	2.6115
Mo-91	0.4416	0.3834	0.6114	0.6111	0.3286	0.2811	0.6170	0.4087
Mo-93	6.5541	5.6819	9.1432	9.1811	4.8170	4.1261	8.9245	6.0435

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Mo-93m	7.0922	6.2451	8.5695	7.7493	6.4514	5.2698	14.5254	8.0412
Mo-99	0.9906	0.8557	1.2420	1.1448	0.8942	0.7208	1.7706	1.1940
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	1.0704	0.9615	1.1903	1.0324	1.0703	0.9155	2.6783	1.1009
Na-22	1.7549	1.6278	2.0149	1.6651	1.7504	1.4505	4.9297	2.2528
Na-24	3.2842	3.0048	3.6749	3.1011	3.2769	2.7474	8.4083	3.7234
Nb-87	7.9859	7.1714	10.0126	10.0728	6.5457	5.4487	11.6942	8.5356
Nb-88m	7.1341	6.3255	7.9500	7.1539	6.9091	5.5465	16.6207	8.8192
Nb-88	12.7337	11.2105	15.1702	14.5282	11.3309	9.4604	25.3160	14.4146
Nb-89	2.2436	1.9717	2.9214	3.0136	1.7729	1.4989	3.6526	2.3124
Nb-89m	3.0189	2.6129	3.5952	3.5837	2.6119	2.1410	5.5244	3.6060
Nb-90	10.8702	9.6632	13.2911	13.4378	9.3077	7.7682	19.8130	11.8695
Nb-91	6.8850	5.9988	9.4067	10.1300	4.9843	4.2554	9.3957	6.8719
Nb-91m	5.6334	4.8794	7.8309	7.9077	4.1444	3.5446	7.7242	5.2569
Nb-92	10.3509	9.0273	13.1514	13.3514	8.4636	6.9768	17.8002	11.3886
Nb-92m	8.8039	7.7084	11.6153	12.0399	6.8717	5.7511	14.1102	9.2033
Nb-93m	1.3283	1.1222	1.8302	1.9692	0.9462	0.8061	1.7865	1.3526
Nb-94m	4.5050	3.8941	6.2727	6.3479	3.3022	2.8258	6.1362	4.2115
Nb-94	3.6807	3.2366	4.2012	3.6985	3.6320	2.8198	8.9505	4.8632
Nb-95	1.8497	1.6307	2.1466	1.9177	1.8259	1.4172	4.5482	2.5414
Nb-95m	5.0051	4.3929	6.7770	6.7062	3.8270	3.2536	7.2351	4.8326
Nb-96	5.9077	5.2236	6.6253	5.8606	5.8227	4.6035	14.2246	7.7962
Nb-97	1.8849	1.6237	2.0616	1.8057	1.8560	1.4101	4.3796	2.5044
Nb-98m	5.8574	5.1853	6.6905	5.9266	5.7546	4.5473	14.0098	7.6095
Nb-99	7.8617	6.7546	9.8310	9.5859	6.7152	5.5028	12.4964	7.9173
Nb-99m	1.8475	1.6125	2.2093	2.0118	1.6818	1.3743	3.5872	2.0073
Nd-134	7.1385	5.8770	7.6631	8.3748	6.3236	4.7703	10.9836	11.5971
Nd-135	8.2832	6.7767	9.0814	9.9084	7.1026	5.4120	13.0499	13.6573
Nd-136	8.7410	6.8425	9.4200	10.9078	7.2767	5.3450	13.1573	15.2224
Nd-137	7.7486	6.2288	8.3730	9.1092	6.7013	5.2240	12.8526	12.2834
Nd-138	4.3778	3.3799	4.7173	5.5631	3.5704	2.6117	6.2907	7.7986
Nd-139	3.6623	2.8648	3.9466	4.5493	3.0501	2.2514	5.6263	6.3553
Nd-139m	10.2662	8.3943	11.1476	11.8436	9.0842	6.8418	18.5023	15.9690
Nd-140	4.1762	3.2075	4.5075	5.3618	3.3834	2.4664	5.9718	7.4993
Nd-141	4.1752	3.2145	4.5033	5.3266	3.3969	2.4782	6.0177	7.4787
Nd-141m	2.0429	1.7579	2.3369	2.1928	1.9542	1.4998	4.6361	3.0037
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	3.7773	3.0011	4.1191	4.3640	3.2573	2.5097	5.7394	6.5532
Nd-149	4.8719	4.1457	5.2677	5.3223	4.4025	3.4295	8.2589	7.5382
Nd-151	4.9670	4.2824	5.3252	5.2750	4.6339	3.6438	9.6598	7.0373

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Nd-152	2.7169	2.3138	3.1725	3.5372	2.2161	1.7903	4.6170	3.8158
Ne-19	0.0004	0.0004	0.0004	0.0004	0.0004	0.0003	0.0008	0.0005
Ne-24	1.9689	1.6994	2.0341	1.9022	1.9382	1.5549	4.3675	2.6779
Ni-56	10.7731	8.7665	12.4622	15.4794	8.9092	7.0215	18.6543	16.6111
Ni-57	4.4611	3.5439	5.2208	6.8689	3.3955	2.7877	8.2319	6.4381
Ni-59	3.9732	2.7078	4.9698	8.2935	2.1667	1.7457	4.8533	6.8740
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.8070	0.7264	0.8920	0.7663	0.7989	0.6528	1.9863	0.9477
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	17.6072	14.2383	22.7933	26.8701	13.5857	11.1388	27.0330	21.9519
Np-233	8.3358	6.6074	10.8407	13.1800	6.2572	5.0793	11.9619	10.2227
Np-234	12.0521	9.6212	15.8178	19.1130	9.0443	7.4446	18.1470	14.8650
Np-235	5.6986	4.3627	7.9346	10.6058	3.7144	3.1525	7.3920	7.5951
Np-236	22.8004	17.9867	31.0084	38.3574	16.2757	13.5383	31.0480	28.4491
Np-236m	5.1212	4.0449	6.7661	8.2708	3.7758	3.0879	7.2463	6.2849
Np-237	9.7137	7.5722	13.1079	16.8477	6.7557	5.6838	13.2904	12.0929
Np-238	5.7753	4.6195	7.9041	9.2207	4.2582	3.5663	8.8651	6.9118
Np-239	12.3254	9.7719	16.0326	19.3753	9.1409	7.4183	17.8047	15.2921
Np-240	16.9616	13.5764	22.7524	26.5101	12.7101	10.5077	25.4769	20.5796
Np-240m	5.0925	4.0441	6.9280	8.1719	3.7310	3.1176	7.5572	6.2302
Np-241	3.2108	2.5566	4.2153	5.0303	2.4033	1.9454	4.6114	3.8937
Np-242	1.1338	0.9294	1.4866	1.6533	0.9018	0.7449	1.9740	1.3815
Np-242m	15.9431	12.7297	21.7936	25.5566	11.7536	9.7837	23.6053	19.4619
O-14	1.5864	1.4427	1.7241	1.4864	1.5853	1.3436	3.7738	1.6516
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	3.4488	3.2281	3.8306	3.1590	3.3730	2.7219	6.2933	4.1233
Os-180	11.5698	8.4625	14.8075	20.0872	7.8095	7.0171	15.8541	15.8832
Os-181	15.2564	11.8891	18.3212	23.2336	11.5939	10.2602	24.6129	20.4586
Os-182	12.1676	9.2353	14.7356	19.7423	8.7956	7.6981	17.8626	17.2005
Os-183	15.8645	12.1628	18.9977	24.5021	11.9178	10.7158	24.2021	21.0574
Os-183m	8.7697	6.7417	10.6704	13.6335	6.5579	5.8785	14.2196	11.6690
Os-185	8.5531	6.5327	10.3250	13.1625	6.4402	5.6744	13.6458	11.5569
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	3.7077	2.5355	4.6720	7.7526	2.0364	1.6470	4.5384	6.3764
Os-190m	13.7745	10.9588	15.8438	19.8335	10.9887	8.9499	22.5821	20.0795
Os-191	10.5254	7.6988	12.9594	19.0264	6.9885	6.2842	14.5743	15.1962
Os-191m	4.2307	2.9357	5.3158	8.5393	2.4433	2.0555	5.3194	6.9570
Os-193	2.5785	1.9206	3.1280	4.4215	1.7985	1.6090	3.6927	3.6696
Os-194	3.4454	2.4080	4.4063	6.9909	2.0035	1.6166	4.2901	5.9192
Os-196	1.9039	1.4829	2.2309	2.8805	1.4599	1.3306	2.9730	2.4665

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
P-30	0.0015	0.0013	0.0016	0.0017	0.0013	0.0011	0.0032	0.0017
P-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pa-227	4.5922	3.5745	6.1434	8.0394	3.1923	2.7563	6.2592	5.9229
Pa-228	21.0769	16.8283	27.4634	34.2356	15.6552	13.0850	31.5938	27.0162
Pa-229	8.3186	6.5279	10.9119	13.9088	6.0316	5.0692	11.6293	10.5164
Pa-230	12.7873	10.1748	16.7373	20.8083	9.4708	7.9192	19.0184	16.1938
Pa-231	9.8901	7.5462	13.2775	18.2660	6.5181	5.4177	13.2330	13.5186
Pa-232	9.6839	7.8205	12.8267	15.2439	7.3400	6.0876	15.2051	12.2032
Pa-233	10.4648	8.3040	13.7859	17.0551	7.6529	6.3755	14.6226	13.2232
Pa-234	19.4475	15.7080	25.5301	30.3865	14.7793	12.2122	30.0621	24.2672
Pa-234m	0.1511	0.1217	0.1981	0.2355	0.1152	0.0948	0.2393	0.1883
Pa-235	1.3415	0.9151	1.6815	2.8015	0.7330	0.5913	1.6396	2.3169
Pa-236	6.6355	5.3435	8.7310	10.3250	5.0506	4.1726	10.5174	8.2947
Pa-237	2.6575	2.1462	3.1544	3.7460	2.1788	1.7345	5.0559	3.8217
Pb-194	12.8627	10.0343	15.6590	20.0857	9.8072	8.9485	19.8210	16.6138
Pb-195m	17.6088	13.6578	21.6293	28.5466	13.2697	11.6167	27.8742	24.2791
Pb-196	12.5276	9.7261	15.2503	19.9160	9.4179	8.6800	18.9557	16.3515
Pb-197	10.6699	8.3991	12.8618	16.2177	8.3463	7.5488	17.6026	13.8012
Pb-197m	15.7278	12.2416	19.2761	25.2825	11.8720	10.5312	24.5271	21.3097
Pb-198	12.2316	9.4787	14.9228	19.6391	9.1590	8.3801	18.0565	16.1511
Pb-199	9.9432	7.7481	12.0512	15.4887	7.6133	6.9590	15.5907	12.8502
Pb-200	13.1910	10.0603	16.3772	22.3756	9.5365	8.7514	18.7720	17.7397
Pb-201	11.2496	8.7874	13.5719	17.3711	8.6293	7.8593	17.0195	14.6115
Pb-201m	4.2254	3.2748	5.1785	6.6211	3.2417	2.8680	6.7421	5.5779
Pb-202	3.7567	2.6002	4.8541	7.8980	2.1150	1.7322	4.6321	6.3228
Pb-202m	8.5824	7.0901	10.1158	11.4612	7.4187	6.1256	16.8746	11.5321
Pb-203	10.4124	8.1100	12.6499	16.5628	7.8015	7.2057	15.6036	13.6121
Pb-204m	6.3591	5.4823	7.2534	7.2308	5.9353	4.8368	13.7144	8.1917
Pb-205	3.8022	2.6318	4.9132	7.9938	2.1408	1.7534	4.6883	6.3991
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	4.1756	3.0382	5.7106	8.5525	2.5692	2.1459	5.3217	6.5304
Pb-211	0.3171	0.2633	0.3680	0.4143	0.2780	0.2325	0.6230	0.4247
Pb-212	4.5433	3.6563	5.5480	6.9649	3.5350	3.2236	7.1021	5.7937
Pb-214	4.4160	3.5328	5.3622	6.7573	3.4483	3.0398	6.7700	5.8656
Pd-100	14.0855	10.9651	21.0432	18.0564	11.5726	10.6094	20.2727	10.4016
Pd-101	11.4183	8.7750	18.1300	15.4891	9.0818	7.7794	16.3770	8.6644
Pd-103	5.6942	4.3036	9.4099	8.0058	4.4144	3.8329	7.7062	4.0083
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	3.4335	2.8389	4.6740	4.1140	2.9662	2.3981	5.0583	3.2912

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Pd-109	2.7247	2.0284	3.7908	3.6990	2.1325	1.6614	4.2589	2.2685
Pd-111	0.1871	0.1564	0.2188	0.1966	0.1742	0.1448	0.3811	0.1998
Pd-112	2.6863	2.1684	4.0924	3.9113	1.9843	1.7277	3.5591	2.3424
Pd-114	0.3810	0.3400	0.4168	0.4033	0.3544	0.2893	0.7426	0.4192
Pd-96	8.6269	7.0814	11.8220	10.5895	7.4778	6.2493	15.5012	8.0960
Pd-97	5.7009	4.8524	7.3640	6.3649	5.1733	4.3017	11.1692	5.9643
Pd-98	10.2702	8.1076	15.0051	12.9829	8.6031	7.1956	15.8367	8.4617
Pd-99	7.1343	5.9003	9.6807	8.7813	6.2061	5.2020	12.2875	6.8260
Pm-136	6.2597	5.4271	6.7837	6.3640	6.0349	4.7496	13.4081	8.6798
Pm-137m	10.2020	8.5635	10.9629	11.1961	9.2484	7.0899	17.7089	15.8565
Pm-139	2.2096	1.7713	2.3929	2.6197	1.9091	1.4395	3.6459	3.8309
Pm-140m	7.3274	6.2836	8.1020	7.7909	6.9318	5.4181	15.9257	10.5685
Pm-140	0.7767	0.6329	0.8593	0.9084	0.6831	0.5161	1.3792	1.3217
Pm-141	2.4615	1.9380	2.7123	3.0404	2.0516	1.5185	3.7654	4.5351
Pm-142	1.0697	0.8315	1.1745	1.3408	0.8800	0.6460	1.5657	2.0087
Pm-143	4.9266	3.8640	5.4515	6.1320	4.1095	3.0206	7.6229	9.1303
Pm-144	8.8475	7.2260	9.6431	9.8748	7.9614	5.9779	16.5042	14.4366
Pm-145	4.4123	3.3808	4.8801	5.7755	3.5309	2.6043	6.1569	8.4048
Pm-146	5.1193	4.1659	5.5825	5.9108	4.5427	3.4423	9.2364	8.6045
Pm-147	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0003	0.0004
Pm-148	1.0609	0.9339	1.1585	1.0120	1.0477	0.8366	2.5256	1.3316
Pm-148m	6.6761	5.7265	7.1867	6.5703	6.4612	5.0149	14.5780	9.2282
Pm-149	0.1134	0.0964	0.1251	0.1364	0.0980	0.0791	0.1984	0.1669
Pm-150	3.5433	3.1516	3.8494	3.4489	3.4481	2.7950	7.5897	4.5984
Pm-151	4.0220	3.3468	4.4190	4.5753	3.5831	2.7739	6.5264	6.6522
Pm-152m	7.7380	6.7390	8.3855	8.3622	7.1056	5.6351	15.3509	11.4912
Pm-152	1.6057	1.3492	1.7638	1.8675	1.4279	1.1112	3.0268	2.4841
Pm-153	3.4159	2.7344	3.7096	4.4396	2.8221	2.1944	5.4409	5.2173
Pm-154	4.5639	3.8076	5.1744	5.3636	4.0393	3.2856	8.7286	6.8299
Pm-154m	7.8315	6.6139	8.7230	8.8687	7.0449	5.6699	14.1432	11.8273
Po-203	12.8422	10.1847	16.0609	20.2123	9.9464	8.9151	20.7156	16.5017
Po-204	23.4654	18.0102	29.5915	39.9131	16.9964	15.3174	34.7564	31.5984
Po-205	12.0067	9.4996	14.9214	18.7042	9.3512	8.4064	19.7117	15.3353
Po-206	17.8484	13.7905	22.6597	30.2358	13.0811	11.6151	26.8422	24.2296
Po-207	10.8460	8.5732	13.4315	16.8043	8.4640	7.6297	17.7319	13.7552
Po-208	0.0004	0.0003	0.0005	0.0007	0.0003	0.0003	0.0006	0.0006
Po-209	0.2693	0.1931	0.3348	0.5176	0.1659	0.1399	0.3625	0.4303
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000
Po-211	0.0225	0.0194	0.0251	0.0233	0.0216	0.0172	0.0512	0.0293
Po-212m	0.0808	0.0712	0.0879	0.0787	0.0793	0.0650	0.1857	0.0964

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Po-212	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	0.0001
Po-214	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0005	0.0003
Po-215	0.0009	0.0007	0.0009	0.0009	0.0008	0.0007	0.0018	0.0012
Po-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-134	9.2508	7.9885	9.8858	9.4722	8.8031	6.9171	18.9075	12.5534
Pr-134m	4.2144	3.6022	4.4431	4.4185	3.9924	3.1653	8.8274	5.7026
Pr-135	5.9052	4.7637	6.2571	6.9261	5.0874	3.9567	9.4403	8.7212
Pr-136	5.3018	4.4217	5.6293	5.6282	4.9105	3.8055	10.6292	7.4798
Pr-137	3.4120	2.6490	3.6288	4.3171	2.8125	2.0700	5.1820	5.4822
Pr-138	1.1417	0.8871	1.2182	1.4436	0.9424	0.6932	1.7551	1.8324
Pr-138m	9.6023	8.1101	10.4864	10.5727	8.7752	6.8144	18.6529	13.5976
Pr-139	3.9194	3.0184	4.1619	5.0209	3.1925	2.3365	5.7921	6.3628
Pr-140	2.0916	1.6104	2.2204	2.6789	1.7037	1.2466	3.0856	3.3950
Pr-142	0.0637	0.0565	0.0687	0.0597	0.0630	0.0516	0.1478	0.0666
Pr-142m	0.1803	0.1229	0.2255	0.3764	0.0983	0.0792	0.2203	0.3120
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0416	0.0367	0.0459	0.0402	0.0411	0.0326	0.0988	0.0516
Pr-144m	2.3345	1.7336	2.6391	3.5520	1.7088	1.2755	3.1976	4.1423
Pr-145	0.0937	0.0772	0.1040	0.1052	0.0842	0.0667	0.1753	0.1438
Pr-146	1.9838	1.7410	2.1282	1.9374	1.9532	1.5718	4.6082	2.5545
Pr-147	7.5255	6.0228	8.3137	9.0302	6.4001	4.9757	11.7664	12.6184
Pr-148	2.7412	2.4508	2.9411	2.6252	2.6581	2.1541	5.6701	3.5540
Pr-148m	4.1554	3.6671	4.3655	4.0147	4.0129	3.2260	8.1958	5.5747
Pt-184	26.0601	19.6367	31.5181	43.0321	18.7568	17.0017	37.5085	35.9453
Pt-186	12.0023	9.0862	14.4725	19.1948	8.8443	8.0221	18.3209	16.1945
Pt-187	16.2041	12.1976	19.5821	26.5278	11.6941	10.6847	23.7606	21.8695
Pt-188	12.4138	9.2818	15.1360	20.9152	8.7427	7.9992	17.3238	17.1184
Pt-189	16.0020	11.9275	19.4282	26.7162	11.3611	10.4364	23.1770	21.7917
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	14.7450	10.9548	17.8914	24.6325	10.4515	9.7601	21.0885	19.8184
Pt-193	3.9871	2.7492	5.1126	8.3698	2.2276	1.8175	4.9050	6.7569
Pt-193m	5.2923	3.7118	6.7060	10.5796	3.1389	2.6932	6.7266	8.4744
Pt-195m	14.5676	10.4849	18.2150	27.1654	9.3767	8.3319	19.4075	21.5567
Pt-197	4.1257	2.9961	5.2399	7.8253	2.6419	2.3666	5.4094	6.1259
Pt-197m	9.7476	7.0305	12.3388	18.4366	6.2370	5.5517	12.9222	14.5828
Pt-199	1.7435	1.3991	2.0288	2.4810	1.4099	1.1915	2.9020	2.4242
Pt-200	5.9032	4.3598	7.3632	10.5911	3.9755	3.5962	8.0803	8.4395
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Pu-232	6.2196	4.9373	8.1004	9.7308	4.6784	3.7641	8.9646	7.5463
Pu-234	7.4444	5.8915	9.7650	11.8372	5.5314	4.4715	10.6286	9.0935
Pu-235	10.5221	8.3149	13.9477	16.9668	7.7314	6.2818	14.9016	12.9225
Pu-236	1.7413	1.3561	2.4635	3.1413	1.1639	0.9944	2.2735	2.1901
Pu-237	8.3586	6.5485	11.2204	13.9550	5.9688	4.9247	11.5827	10.3971
Pu-238	1.6097	1.2533	2.2771	2.9074	1.0755	0.9189	2.1010	2.0275
Pu-239	0.9428	0.7083	1.2903	1.7779	0.5977	0.5036	1.2092	1.3128
Pu-240	1.5134	1.1784	2.1410	2.7321	1.0113	0.8641	1.9756	1.9052
Pu-241	0.0003	0.0002	0.0004	0.0005	0.0002	0.0002	0.0004	0.0004
Pu-242	1.2977	1.0104	1.8357	2.3429	0.8671	0.7409	1.6940	1.6338
Pu-243	2.6598	2.1053	3.4627	4.0162	2.0059	1.8182	3.7699	2.9462
Pu-244	1.1178	0.8749	1.5674	1.9835	0.7600	0.6473	1.4962	1.4053
Pu-245	4.4738	3.6887	5.5015	6.0403	3.6866	2.9714	7.2985	5.3974
Pu-246	9.6942	7.8330	12.6282	14.2902	7.4740	6.0029	14.1635	12.3467
Ra-219	2.9490	2.3986	3.5282	4.2016	2.3756	2.0710	4.3126	3.7081
Ra-220	0.0214	0.0182	0.0227	0.0231	0.0202	0.0165	0.0445	0.0289
Ra-221	4.5364	3.4854	5.9991	8.2826	3.1202	2.6560	6.1197	6.3552
Ra-222	0.0801	0.0687	0.0884	0.0921	0.0716	0.0600	0.1236	0.1020
Ra-223	6.9769	5.4487	8.7060	11.4259	5.1529	4.5422	10.0388	9.1585
Ra-224	0.1657	0.1450	0.1939	0.2144	0.1415	0.1193	0.3025	0.2163
Ra-225	3.3530	2.6103	4.2543	5.2409	2.4844	1.9532	4.3865	6.0093
Ra-226	1.8855	1.9351	1.9838	1.7820	1.8470	1.9851	2.0657	1.8886
Ra-227	9.6459	7.4620	12.5958	16.7987	6.6984	5.5111	13.6092	12.8075
Ra-228	1.9048	2.0575	2.0166	1.8354	1.8660	2.0056	2.0819	1.9708
Ra-230	3.6445	2.8679	4.6115	5.8629	2.7010	2.3521	5.2554	4.6460
Rb-77	5.1392	4.2476	6.2534	6.7816	4.5090	4.2029	8.7406	5.7097
Rb-78m	4.9875	4.3373	5.5023	5.1630	4.8210	3.8445	11.2092	6.3629
Rb-78	4.0763	3.5002	4.7232	4.8879	3.7688	3.1110	8.7554	5.1747
Rb-79	7.1557	5.8517	9.2027	11.5455	5.7967	4.7859	11.3926	9.9073
Rb-80	0.6558	0.5504	0.7523	0.7557	0.6083	0.4712	1.3930	0.8840
Rb-81	5.9239	4.5362	8.4688	11.7929	4.1330	3.5527	8.4023	8.4251
Rb-81m	5.4411	4.2472	8.1169	11.0020	3.7517	3.3051	7.2417	7.1490
Rb-82	0.6210	0.5059	0.8278	1.0035	0.5056	0.4140	1.1566	0.8711
Rb-82m	11.6320	9.5196	15.0449	17.8567	9.6405	7.8884	21.8220	15.9154
Rb-83	8.8797	6.8199	12.4248	17.0625	6.3238	5.3789	12.9983	12.6787
Rb-84	6.1419	4.7864	8.7237	11.7328	4.4446	3.7718	9.4825	8.6086
Rb-84m	4.9593	4.2800	6.2390	7.1587	4.1822	3.5054	8.7581	6.5282
Rb-86m	1.9238	1.6389	2.0700	1.9373	1.8595	1.4611	4.1922	2.5904
Rb-86	0.1586	0.1432	0.1808	0.1519	0.1570	0.1265	0.4075	0.1884
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Rb-88	0.6958	0.6230	0.7696	0.6695	0.6908	0.5650	1.6694	0.7835
Rb-89	3.0113	2.7257	3.3947	2.8690	2.9884	2.4309	7.6720	3.5878
Rb-90	1.5837	1.4194	1.8150	1.5957	1.5718	1.2791	3.9438	1.9195
Rb-90m	3.8294	3.4178	4.4319	3.9848	3.7505	3.0381	9.3618	4.7433
Re-178	11.1475	8.6890	13.4395	17.0790	8.3971	7.1943	17.8084	15.2454
Re-179	12.6544	9.9216	15.1338	18.8330	9.7540	8.4782	20.1440	17.1105
Re-180	12.3564	9.4717	15.1334	19.4084	9.1722	7.8676	19.6015	16.9691
Re-181	14.4596	11.1057	17.5575	22.5410	10.7518	9.4215	22.0804	19.7823
Re-182	26.3789	20.7007	31.7610	39.7352	20.1560	17.5868	41.3331	35.5581
Re-182m	14.7106	11.3338	17.9077	22.5193	11.0800	9.9442	23.1530	19.2629
Re-183	15.4468	11.5334	19.2484	26.1831	10.7103	9.3451	21.5468	22.1889
Re-184	10.9603	8.4424	13.4508	17.0896	8.1949	7.1032	17.5266	14.9291
Re-184m	12.8075	9.5905	15.6292	21.5277	8.9448	7.7328	18.5263	18.4207
Re-186	1.4754	1.1215	1.7811	2.4504	1.0568	0.9294	2.1649	2.0580
Re-186m	11.0172	7.6781	13.8768	22.0583	6.4056	5.2703	13.8647	18.4415
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	1.2236	0.9624	1.4398	1.8989	0.9605	0.8040	1.8063	1.8122
Re-188m	11.2592	8.1482	13.8534	20.0835	7.4199	6.5956	15.3243	16.3811
Re-189	1.6529	1.2867	1.9754	2.6629	1.2062	1.0268	2.4342	2.4068
Re-190	7.3966	6.3203	8.2104	8.5227	6.7238	5.4725	13.8810	9.9122
Re-190m	9.4658	7.5044	10.9940	13.6181	7.5259	6.3660	15.5842	13.0800
Rh-100m	7.8767	5.9890	12.5188	10.9047	6.1723	5.3632	10.8945	5.8913
Rh-100	10.0164	8.2713	13.8691	12.1979	8.6016	7.2323	17.6866	9.6083
Rh-101	10.8705	9.0957	15.1798	13.6632	9.0742	7.7191	16.3803	9.7122
Rh-101m	7.8712	6.3797	11.5774	10.2016	6.3878	5.4839	11.2026	6.8879
Rh-102	4.9227	3.9535	7.2543	6.4275	4.0115	3.4182	7.6160	4.3874
Rh-102m	11.8754	9.8211	16.0201	14.1752	10.3646	8.5428	21.7197	12.2619
Rh-103m	0.8768	0.6427	1.3390	1.4151	0.6181	0.5271	1.1510	0.8986
Rh-104	0.0668	0.0553	0.0855	0.0757	0.0597	0.0486	0.1252	0.0734
Rh-104m	7.3596	5.8869	11.8791	9.5091	6.0367	5.0927	10.7656	5.6907
Rh-105	0.5515	0.4880	0.5840	0.5239	0.5246	0.4325	0.8735	0.6814
Rh-106	0.6345	0.5452	0.6717	0.5987	0.6242	0.4907	1.4261	0.8422
Rh-106m	6.9589	6.1108	7.6139	6.7771	6.8524	5.4489	16.2622	9.0356
Rh-107	2.1147	1.8849	2.2365	2.0201	2.0257	1.6619	3.7500	2.6526
Rh-108	1.2173	1.0476	1.2716	1.1994	1.1915	0.9461	2.6883	1.6315
Rh-109	2.9607	2.5455	3.4378	3.1197	2.7297	2.2218	4.9989	3.3871
Rh-94	4.4214	3.9524	4.9775	4.3333	4.3407	3.5247	10.6394	5.3171
Rh-95	4.4598	3.8067	5.8528	5.0773	4.0268	3.3277	9.1100	4.6018
Rh-95m	2.3934	2.0014	2.9138	2.5721	2.2216	1.7963	4.8298	2.7927
Rh-96	8.8395	7.5790	10.8121	9.4938	8.3126	6.6002	19.2993	10.5461

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Rh-96m	4.0338	3.2462	5.9010	5.1321	3.4162	2.8670	7.0307	3.6883
Rh-97	4.8276	3.9992	6.5121	5.8763	4.1881	3.5002	8.6219	4.9332
Rh-97m	8.6356	7.2145	12.0139	10.5313	7.4053	6.2340	14.2261	8.1695
Rh-98	2.6914	2.2809	3.2498	2.8418	2.5203	1.9824	5.6919	3.1771
Rh-99	11.4786	9.2290	16.7580	14.7994	9.3792	8.0844	17.0203	9.8385
Rh-99m	8.0221	6.5190	11.6348	10.2880	6.5930	5.6242	12.1166	7.2306
Rn-207	8.7758	7.0486	10.6479	12.9453	7.0237	6.1515	14.1809	11.2070
Rn-209	9.9638	7.9836	12.1443	14.9035	7.9318	6.9793	16.3411	12.7143
Rn-210	0.9073	0.7132	1.1399	1.4668	0.6831	0.6007	1.3922	1.1956
Rn-211	11.6669	9.4196	14.3488	17.3262	9.3692	8.0613	20.1389	15.1464
Rn-212	0.0010	0.0008	0.0011	0.0010	0.0009	0.0007	0.0022	0.0013
Rn-215	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0025	0.0021	0.0027	0.0025	0.0024	0.0019	0.0055	0.0033
Rn-219	0.5896	0.5048	0.6655	0.7456	0.5146	0.4384	1.0945	0.7768
Rn-220	1.9947	2.0688	2.1129	1.9729	1.9479	2.0879	2.1822	2.0377
Rn-222	0.0015	0.0013	0.0016	0.0016	0.0015	0.0012	0.0033	0.0021
Rn-223	8.1870	6.3157	10.5751	14.2590	5.7641	4.8707	11.7728	11.3629
Ru-103	1.8842	1.6095	1.9977	1.8081	1.8393	1.4760	4.0647	2.5050
Ru-105	3.5888	3.0278	4.4574	3.9844	3.3021	2.6714	7.0552	4.1225
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	1.2189	1.0830	1.3946	1.2195	1.1742	0.9455	2.4827	1.4858
Ru-108	1.7226	1.4498	2.2189	2.1340	1.5539	1.2684	2.5292	2.0269
Ru-92	20.7191	17.8518	28.1941	25.2171	17.5173	14.7313	33.5476	20.4914
Ru-94	8.3316	6.9106	11.8660	10.9142	6.7154	5.7255	12.5948	7.7357
Ru-95	8.5834	7.2160	11.7695	10.6835	7.1559	6.0418	13.7819	8.3566
Ru-97	8.8518	7.5087	12.5633	11.2826	7.1775	6.1137	12.7791	8.1190
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	1.4396	1.3152	1.6152	1.3744	1.4389	1.2285	3.5911	1.5286
S-38	1.4390	1.2950	1.5365	1.3450	1.4341	1.2035	3.3535	1.4933
Sb-111	4.5123	3.7879	4.7481	4.9511	4.2561	3.1502	8.5827	5.7286
Sb-113	3.7175	2.9905	3.8114	3.9343	3.3759	2.4746	7.5825	4.1946
Sb-114	3.6627	3.1748	4.0333	3.7279	3.4775	2.6996	8.9298	4.2616
Sb-115	4.7413	3.7010	4.8290	5.2174	4.1884	2.9281	9.6806	5.1264
Sb-116	4.2935	3.5529	4.6269	4.6061	3.9119	2.8786	9.9576	4.6190
Sb-116m	12.7436	10.4313	13.4244	13.6569	11.6229	8.4202	27.6277	13.9217
Sb-117	7.0391	5.5090	7.2863	8.3161	6.1855	4.1616	12.6622	7.8573
Sb-118	1.2128	0.8990	1.2370	1.4410	1.0049	0.6369	2.4055	1.1233
Sb-118m	14.1732	11.5915	14.9038	15.0643	12.7382	9.0961	30.4527	16.6583

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Sb-119	5.6819	4.1327	6.0641	7.2638	4.5188	2.8964	10.5446	5.3913
Sb-120	2.5615	1.8761	2.5975	3.0740	2.1004	1.3068	4.9888	2.3240
Sb-120m	13.8406	11.4813	14.7231	14.3208	12.6580	9.5729	27.6785	14.1230
Sb-122m	7.5211	5.7398	8.1702	9.1471	6.2818	5.0953	13.2596	6.9366
Sb-122	1.5210	1.2907	1.5993	1.4593	1.4797	1.1369	3.3974	1.9918
Sb-124	3.4250	2.9792	3.6871	3.2332	3.3814	2.6515	7.9329	4.2576
Sb-124m	1.8972	1.5385	2.1024	2.3552	1.6500	1.2841	3.7720	2.7303
Sb-124n	0.6287	0.4285	0.7863	1.3121	0.3429	0.2762	0.7681	1.0875
Sb-125	4.6746	3.7031	4.8087	5.2976	4.1186	2.9371	9.0010	5.2555
Sb-126	8.1584	7.0828	8.8924	8.0505	8.0183	6.2068	18.9260	10.9006
Sb-126m	4.9894	4.2968	5.3781	5.0292	4.8612	3.7710	11.3751	6.7278
Sb-127	2.5150	2.1704	2.7024	2.5155	2.4346	1.8984	5.6623	3.2749
Sb-128	9.1369	7.9915	10.0490	8.9798	8.9511	6.9904	20.4681	12.1008
Sb-128m	6.0283	5.3038	6.6750	6.0185	5.8689	4.6240	12.9431	7.9704
Sb-129	3.0730	2.7172	3.4419	3.0436	3.0296	2.3941	7.3080	3.9178
Sb-130m	7.0091	6.2141	7.9633	7.1762	6.8617	5.3671	16.0565	9.1052
Sb-130	10.3450	9.1542	11.4621	10.4619	10.0690	7.9244	21.9799	13.4303
Sb-131	3.8593	3.4203	4.2795	3.7563	3.7970	3.0150	9.2002	4.7259
Sb-133	3.8871	3.4943	4.3441	3.7463	3.8505	3.1219	9.6128	4.6886
Sc-42m	5.3462	4.7801	5.8049	5.1441	5.2890	4.3210	13.1380	6.6540
Sc-43	0.5737	0.4767	0.6163	0.7167	0.5006	0.4064	1.0346	0.8162
Sc-44	1.8769	1.7017	2.1534	1.8574	1.8372	1.4986	4.9430	2.3450
Sc-44m	2.0813	1.9133	2.1791	2.0789	1.9696	1.6196	4.3499	2.8013
Sc-46	3.6576	3.2906	4.2035	3.5871	3.6236	2.8966	9.3621	4.5487
Sc-47	1.7801	1.5932	1.9298	2.0178	1.7922	1.3727	2.6612	2.7865
Sc-48	5.6437	5.1061	6.4118	5.4024	5.5966	4.5149	14.3513	6.7774
Sc-49	0.0010	0.0009	0.0011	0.0009	0.0010	0.0008	0.0023	0.0010
Sc-50	5.1677	4.5850	5.6285	4.8622	5.1180	4.1416	12.4696	6.2257
Se-70	15.6562	11.4948	20.2356	29.6408	10.0101	8.0915	21.3068	24.8409
Se-71	2.7992	2.4139	3.1434	3.4948	2.5534	2.0372	5.3507	3.9069
Se-72	13.3560	9.6762	17.4893	25.5947	8.3563	6.6620	17.2837	22.3689
Se-73	8.5519	6.5768	10.1419	13.2254	6.4876	5.9323	12.9014	11.3101
Se-73m	2.2973	1.6725	2.9629	4.4519	1.4703	1.2502	3.1205	3.5613
Se-75	13.1472	10.0697	15.8419	22.9262	9.1656	7.5136	19.7416	20.1383
Se-77m	4.8142	3.6720	6.1544	8.8478	3.4134	2.7635	6.3581	7.6629
Se-79m	6.3288	4.5165	8.4814	13.1017	3.8466	3.2030	8.0527	10.0292
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0398	0.0360	0.0422	0.0383	0.0386	0.0313	0.0829	0.0526
Se-81m	6.4289	4.6031	8.5766	13.1849	3.9489	3.2522	8.2544	10.1620
Se-83m	1.8517	1.6441	2.0385	1.7875	1.8219	1.4609	4.2939	2.2373

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Se-83	6.4158	5.7184	6.9498	6.2282	6.2868	5.0690	14.1542	8.2114
Se-84	1.9175	1.6624	1.9536	1.9634	1.8746	1.5116	4.2087	2.6184
Si-31	0.0012	0.0011	0.0014	0.0012	0.0012	0.0010	0.0035	0.0016
Si-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-139	4.5592	3.8742	4.9421	4.9435	4.1382	3.2314	8.2315	7.2197
Sm-140	5.2080	4.1697	5.7874	6.3442	4.3919	3.2988	7.9917	9.7509
Sm-141	4.2795	3.5291	4.6356	4.8448	3.8390	2.9656	7.8283	7.2043
Sm-141m	8.8257	7.4683	9.8041	9.6945	7.9865	6.1459	15.4213	14.2591
Sm-142	3.9928	3.0744	4.4774	5.1058	3.2242	2.3405	5.4640	8.2870
Sm-143	2.4288	1.8797	2.7230	3.0814	1.9743	1.4391	3.4021	4.9795
Sm-143m	2.0862	1.7888	2.4003	2.2549	1.9822	1.5182	4.6433	3.2023
Sm-145	8.0693	6.2346	9.0814	10.2055	6.5675	4.8882	11.1598	16.2109
Sm-146	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0174	0.0120	0.0225	0.0346	0.0101	0.0081	0.0218	0.0277
Sm-153	4.6492	3.6949	5.3738	5.6242	3.9167	2.8919	6.8205	8.4184
Sm-155	3.4533	2.8587	3.6536	3.4894	3.2137	2.2928	5.8738	4.7286
Sm-156	4.1429	3.2993	4.8023	5.7118	3.3122	2.7164	6.0650	6.0361
Sm-157	4.2231	3.7116	4.7597	4.4350	3.8718	3.0642	6.7677	6.1847
Sn-106	8.6190	6.9918	9.6264	9.6019	7.6527	5.6318	17.3542	8.9846
Sn-108	9.0025	7.2150	9.9365	10.1304	7.9573	5.7659	17.3199	9.4738
Sn-109	7.2960	5.8662	8.2450	8.1431	6.4705	4.7672	15.1396	7.2596
Sn-110	6.6268	5.2648	7.3717	7.5332	5.7070	4.1208	12.4260	6.5569
Sn-111	3.4175	2.5492	3.9217	4.1617	2.8136	1.9100	6.3871	2.9755
Sn-113	4.5237	3.3326	5.2006	5.5859	3.6735	2.4553	8.2829	3.8545
Sn-113m	3.1332	2.2822	3.2703	3.9371	2.5127	1.5965	5.8952	2.9484
Sn-117m	6.3368	4.9980	6.6097	7.5898	5.5842	3.8102	11.1667	7.3732
Sn-119m	4.0612	2.9359	4.4744	5.5032	3.1332	2.0551	7.2664	4.1019
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	1.3108	0.9519	1.4130	1.8838	0.9836	0.6656	2.2048	1.5749
Sn-123	0.0117	0.0106	0.0133	0.0112	0.0116	0.0093	0.0301	0.0139
Sn-123m	2.8528	2.4590	3.0500	3.2695	2.7548	2.0473	4.5081	4.0475
Sn-125m	2.1661	1.9066	2.2269	2.0693	2.0721	1.6872	3.6422	2.7282
Sn-125	0.6082	0.5447	0.6858	0.5922	0.6009	0.4821	1.4952	0.7463
Sn-126	4.7109	3.6008	5.2046	5.9168	3.8818	3.1587	7.8959	4.6818
Sn-127m	1.8151	1.5616	1.8727	1.7234	1.7840	1.4304	4.0252	2.4304
Sn-127	4.2050	3.7173	4.6249	4.1536	4.0982	3.2544	9.8120	5.1474
Sn-128	11.6235	9.0007	12.0530	13.2391	10.0417	7.1851	22.1209	11.7849
Sn-129	2.4280	2.1130	2.6512	2.3174	2.3924	1.8464	5.7218	3.1503

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Sn-130	8.2687	6.9152	8.8732	8.7454	7.5827	5.9752	15.6992	8.8655
Sn-130m	5.2088	4.2646	5.5405	5.6598	4.7462	3.6074	10.4364	5.6434
Sr-79	5.8508	4.7538	7.5185	8.9619	4.7501	3.8177	8.6861	8.7633
Sr-80	7.5609	6.0260	10.7991	14.0915	5.5632	4.7572	10.9845	10.0503
Sr-81	4.6531	4.0059	5.5696	6.2984	4.1720	3.3749	7.8516	6.3516
Sr-82	6.7140	5.2320	10.1351	13.8529	4.5693	4.0155	8.8318	8.8971
Sr-83	10.6264	8.4258	15.4373	20.3634	7.6741	6.6149	15.4207	14.1473
Sr-85	8.5957	6.8344	12.1468	15.7798	6.3802	5.4677	12.8495	11.4523
Sr-85m	3.6479	3.2102	4.4088	4.9111	3.1400	2.5952	6.2804	4.8489
Sr-87m	2.7860	2.3543	3.3671	3.8698	2.3717	1.9693	4.9320	3.6094
Sr-89	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0004	0.0002
Sr-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sr-91	1.5227	1.3486	1.7184	1.4883	1.5029	1.1806	3.7137	1.9186
Sr-92	1.8269	1.6664	2.0463	1.7337	1.8132	1.4924	4.7399	2.2043
Sr-93	6.0512	5.3112	6.9979	6.6718	5.6737	4.5389	12.8447	7.6458
Sr-94	1.8092	1.6366	2.0168	1.7113	1.7978	1.4734	4.6162	2.1284
Ta-170	6.4839	5.0195	8.0066	10.0687	4.8149	3.9660	9.9240	9.0091
Ta-172	11.5709	9.2568	14.2017	16.8291	9.0287	7.5778	18.9630	15.5543
Ta-173	13.2137	10.1569	16.7352	21.1434	9.6115	8.2697	19.4321	18.2298
Ta-174	11.0241	8.6944	13.6944	16.7543	8.2882	7.0393	16.6045	14.9326
Ta-175	13.5888	10.8275	16.9638	19.8565	10.5659	9.0931	21.6809	17.6757
Ta-176	12.2038	9.6511	15.1278	18.1439	9.4050	8.0136	20.2781	16.2669
Ta-177	6.9514	5.3536	8.9600	11.0174	5.0605	4.3928	10.1926	9.2427
Ta-178	7.4561	5.7021	9.6024	11.9963	5.3607	4.6548	10.8453	10.0497
Ta-178m	21.8214	17.6238	25.9651	29.8240	17.6393	15.0383	34.1772	28.2749
Ta-179	4.6112	3.4259	5.9367	8.0338	3.0950	2.6574	6.3898	6.6664
Ta-180	6.2625	4.7799	8.0755	10.1189	4.4855	3.8962	9.0393	8.4516
Ta-182	9.9090	7.8414	11.7628	14.2413	7.8392	6.9335	16.7302	12.8498
Ta-182m	16.1299	12.2853	19.8881	26.9409	11.4576	9.6815	22.4754	23.7164
Ta-183	14.8225	11.2784	18.1473	24.2954	10.5777	9.0300	21.5030	21.3628
Ta-184	13.3522	10.7537	15.4434	18.9762	10.7166	8.8520	23.2881	18.8273
Ta-185	8.5064	6.4239	10.3997	14.3326	5.9826	5.1155	11.7886	12.5187
Ta-186	10.2702	8.6769	11.6389	12.6321	8.9265	7.3034	18.3172	13.6205
Tb-146	4.8042	4.1592	5.4789	5.0710	4.4992	3.5917	10.2868	6.3815
Tb-147m	4.9826	4.1504	6.0019	6.0140	4.2992	3.3293	9.0509	8.1139
Tb-147	7.9566	6.7250	9.3537	9.3053	7.0714	5.4770	15.1209	12.4483
Tb-148m	11.3679	9.6565	13.0635	12.6862	10.4936	8.1004	23.3040	17.1351
Tb-148	5.3169	4.5002	6.2751	6.0870	4.8226	3.7308	10.6681	8.1965
Tb-149m	6.6092	5.4834	7.9856	8.0288	5.7817	4.3850	12.0350	10.9950
Tb-149	7.7931	6.5061	9.1928	9.3471	6.8389	5.2455	13.3362	12.7570

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Tb-150m	12.1425	10.1867	13.8008	13.4494	11.0958	8.4952	23.3971	18.7332
Tb-150	6.9995	5.8233	8.2296	8.1375	6.1915	4.7448	13.0057	11.0921
Tb-151	11.5700	9.5872	13.5748	13.9439	9.9678	7.5828	19.3828	19.1395
Tb-151m	6.2642	4.5757	8.0846	11.4863	3.9824	3.1291	8.4663	10.0601
Tb-152m	11.0162	9.0883	13.2788	14.1458	9.2117	7.1746	17.7935	17.5991
Tb-152	7.0160	5.8502	8.2348	8.3147	6.1051	4.7267	11.9431	11.3718
Tb-153	9.4330	7.6299	11.3870	12.3384	7.6979	5.8779	14.0757	16.1093
Tb-154	8.9710	7.4339	10.6878	11.0708	7.6678	5.9248	15.8046	14.5133
Tb-155	9.8352	7.8981	11.7838	12.7014	8.0917	6.2458	14.5675	16.3074
Tb-156	12.8491	10.6546	15.1818	15.6571	11.0151	8.5788	21.9256	20.4812
Tb-156m	3.1717	2.8713	4.8597	3.5519	2.8294	2.1109	5.3718	3.6559
Tb-156n	2.1821	1.5337	2.7387	4.2683	1.2878	1.0259	2.7571	3.7480
Tb-157	2.1736	1.5491	2.7216	4.0838	1.3364	1.0438	2.7686	3.8589
Tb-158	8.3709	6.7115	10.2195	11.3168	6.7592	5.2540	13.2974	13.8932
Tb-160	5.1117	4.3024	6.0543	6.3137	4.4240	3.5775	9.5954	7.0457
Tb-161	5.8841	4.4728	7.2845	8.9510	4.3235	3.2890	9.0111	8.1409
Tb-162	6.0612	5.2626	7.0013	7.1247	5.4295	4.3939	12.0695	8.4597
Tb-163	4.4830	3.8318	4.8589	4.8771	4.1540	3.3450	8.6396	6.2105
Tb-164	9.8478	8.3957	11.3806	11.6170	8.8386	7.0414	19.0626	13.7424
Tb-165	2.5681	2.1209	3.0836	3.5080	2.1209	1.7057	4.9552	3.6038
Tc-101	2.3423	2.0918	2.4897	2.2379	2.2360	1.8408	3.9931	2.9114
Tc-102m	4.6261	4.0540	4.9744	4.4234	4.5606	3.6588	10.7504	5.8082
Tc-102	0.2171	0.1887	0.2312	0.2100	0.2134	0.1709	0.4944	0.2856
Tc-104	4.6050	4.0678	4.9468	4.4847	4.5014	3.6587	9.7752	5.7299
Tc-105	5.4715	4.6765	6.6611	6.1395	4.9859	4.1104	9.6657	6.0570
Tc-91	2.0090	1.7773	2.3879	2.1293	1.8774	1.5601	4.3228	2.1482
Tc-91m	1.4547	1.2542	1.6397	1.4942	1.3700	1.1135	3.0493	1.8049
Tc-92	9.7955	8.6402	11.3348	10.6002	9.1637	7.5195	18.8020	11.6133
Tc-93	7.6162	6.5245	10.5840	9.8915	6.1083	5.2167	12.4468	7.1256
Tc-93m	4.0982	3.4797	5.4333	5.1193	3.4389	2.9070	6.9157	4.1258
Tc-94	11.7548	10.1224	15.4062	14.2281	10.1595	8.3074	22.2071	12.7870
Tc-94m	4.0765	3.5343	5.3220	4.8865	3.5512	2.9244	7.8765	4.3565
Tc-95	8.4220	7.1583	11.8092	11.1435	6.7202	5.6555	13.4178	8.2115
Tc-95m	9.5195	8.2220	12.9447	12.0005	7.7740	6.5200	14.5968	9.3810
Tc-96	12.1228	10.4554	16.1167	14.9581	10.3857	8.5385	22.6675	13.1765
Tc-96m	3.3888	2.7518	5.1393	4.8197	2.5478	2.2071	4.6253	2.9041
Tc-97	6.2672	5.2666	9.2207	8.8202	4.6607	4.0345	8.4370	5.4274
Tc-97m	4.6290	3.7575	7.1012	6.5636	3.4761	3.0230	6.1973	3.8135
Tc-98	3.7830	3.2845	4.2364	3.7383	3.7284	2.8545	8.9765	5.0934
Tc-99	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Tc-99m	3.1669	2.7843	3.6119	3.7885	2.8953	2.3691	5.4772	3.7351
Te-113	2.3816	2.0635	2.6238	2.4260	2.2807	1.7766	5.6525	2.7845
Te-114	8.7215	6.8283	9.2022	10.2490	7.4736	5.3291	16.9042	9.1340
Te-115	4.3838	3.7143	4.7298	4.5737	4.0820	3.0833	9.8855	5.0285
Te-115m	5.0291	4.2073	5.4433	5.3411	4.6653	3.4985	11.3374	5.6795
Te-116	7.9691	5.9965	8.1222	9.3851	6.6910	4.4799	14.8051	7.5700
Te-117	5.2319	4.1639	5.5309	5.8815	4.6374	3.2769	10.9475	5.5504
Te-118	4.1798	3.0831	4.2505	5.1184	3.4122	2.1855	7.8438	3.9091
Te-119	6.1075	4.7433	6.3392	6.9389	5.3151	3.6301	12.3315	6.4252
Te-119m	8.8147	7.2527	9.3009	9.8940	7.9733	5.7952	17.7498	10.0533
Te-121	6.1763	4.7750	6.3359	7.0228	5.3564	3.6845	12.2603	6.5208
Te-121m	5.3789	4.4026	5.7080	6.2195	4.6237	3.3620	9.3999	5.9336
Te-123	0.5520	0.3766	0.6888	1.1460	0.3030	0.2432	0.6791	0.9493
Te-123m	5.2910	4.2507	5.6138	6.6164	4.6488	3.3328	8.7112	6.6804
Te-125m	7.1187	5.3095	7.3114	8.9725	5.7742	3.8556	12.7224	7.2196
Te-127	0.0306	0.0261	0.0317	0.0320	0.0290	0.0229	0.0620	0.0384
Te-127m	2.4742	1.8270	2.6074	3.3502	1.9325	1.3124	4.2902	2.6424
Te-129	1.6834	1.2490	1.8408	2.4674	1.2694	0.9092	2.8445	2.1020
Te-129m	1.8293	1.3631	1.9147	2.3994	1.4598	0.9887	3.2625	1.9299
Te-131	3.4429	2.9643	3.6173	3.8353	3.2756	2.5194	6.3666	4.4972
Te-131m	5.5301	4.7260	6.0302	5.8527	5.1944	3.9970	11.7607	6.6515
Te-132	6.8093	5.6659	7.3539	7.5863	5.9934	4.3897	12.4375	7.3451
Te-133	3.3960	3.0033	3.6151	3.2996	3.2946	2.6628	6.9699	4.2657
Te-133m	5.8394	5.0087	6.3682	6.0809	5.5266	4.2832	12.5767	7.0289
Te-134	6.1887	5.2785	6.5856	6.4676	5.7571	4.6192	11.8612	7.1422
Th-223	7.7041	6.0192	9.9583	13.0001	5.5690	4.7673	10.7889	9.9751
Th-224	0.7943	0.6542	1.0009	1.2197	0.6214	0.5134	1.1220	1.0618
Th-226	1.3173	1.0335	1.7594	2.3325	0.9062	0.7598	1.8060	1.7437
Th-227	10.5526	8.3076	14.2032	18.6127	7.3146	6.1773	14.6046	14.2002
Th-228	1.5242	1.1801	2.0884	2.8340	1.0030	0.8579	1.9970	2.0510
Th-229	15.8687	12.2574	21.0658	28.3885	10.8745	9.2645	21.4069	21.3292
Th-230	2.9899	3.0567	3.1917	3.0041	2.9110	2.9828	3.2110	3.0720
Th-231	12.0871	9.2940	16.4578	21.7676	8.1396	6.8198	16.3457	15.5755
Th-232	1.7832	1.8410	1.8350	1.7069	1.7511	1.8948	2.0042	1.8205
Th-233	2.8318	2.1233	3.6660	5.1283	1.8702	1.5486	3.8327	4.0116
Th-234	1.9444	1.5140	2.6080	3.3270	1.3744	1.2056	2.6645	2.4142
Th-235	0.3227	0.2673	0.3821	0.4225	0.2777	0.2226	0.5996	0.4240
Th-236	1.4456	1.1478	1.8890	2.3753	1.0600	0.8749	2.0910	1.8507
Ti-44	7.2451	5.8254	8.0514	8.3480	6.3345	6.9258	11.5166	5.9895
Ti-45	0.1940	0.1334	0.2418	0.3983	0.1084	0.0873	0.2441	0.3328

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ti-51	2.1285	1.8932	2.2078	1.9879	2.0474	1.6822	3.4766	2.6878
Ti-52	5.7047	4.8453	6.6830	7.7916	4.5860	3.8338	9.7097	6.3916
Tl-190	5.2170	4.1527	6.0476	7.3969	4.2622	3.7467	9.1270	6.8883
Tl-190m	11.2815	9.2073	12.9417	14.7345	9.6701	8.2043	21.0997	14.9185
Tl-194	6.9893	5.4329	8.2893	10.5974	5.4349	4.9033	11.3343	9.2006
Tl-194m	17.9566	14.2915	21.1466	25.7935	14.5518	12.4474	31.2461	24.2087
Tl-195	13.7441	10.3814	17.0126	23.4151	9.7576	8.7409	20.5007	19.1749
Tl-196	10.0252	7.9074	11.8212	14.7076	7.9826	7.1493	16.9424	12.9564
Tl-197	10.2990	7.8256	12.5797	16.8787	7.5385	7.0291	15.1889	13.5347
Tl-198	11.1619	8.8072	13.2149	16.4898	8.8527	7.9474	18.9334	14.4456
Tl-198m	15.1430	11.7498	18.2393	23.8162	11.5025	10.0439	24.1773	20.8917
Tl-199	10.4450	7.9463	12.7990	17.2344	7.5804	7.0630	15.0761	13.8121
Tl-200	11.0286	8.6806	13.1237	16.4981	8.6475	7.7932	18.1152	14.4381
Tl-201	10.5882	7.8697	13.1737	18.4959	7.3361	6.8603	14.5579	14.3687
Tl-202	9.1145	6.9825	10.9366	14.4399	6.8529	6.3085	14.0132	12.0419
Tl-204	0.1862	0.1370	0.2331	0.3324	0.1260	0.1182	0.2533	0.2555
Tl-206m	13.5165	11.5282	15.3361	16.4329	11.9868	9.9876	26.0741	17.7657
Tl-206	0.0076	0.0058	0.0096	0.0131	0.0055	0.0052	0.0107	0.0098
Tl-207	0.0054	0.0047	0.0063	0.0058	0.0052	0.0041	0.0128	0.0068
Tl-208	4.7083	4.0678	5.2183	5.0229	4.4584	3.6822	10.2551	5.8094
Tl-209	8.0243	6.7831	8.7368	9.4062	7.2685	6.0372	15.6963	9.4928
Tl-210	9.3279	7.7989	11.1924	12.7441	7.9408	6.5747	17.7975	12.6178
Tm-161	18.0328	14.8629	23.8164	24.8479	14.4859	11.4329	28.5500	24.9257
Tm-162	7.6813	6.3608	9.8537	10.3129	6.3194	4.9519	13.4230	10.3811
Tm-163	13.5409	11.2509	17.7358	18.0981	11.0983	8.8375	22.7040	18.0392
Tm-164	4.6161	3.7476	6.1774	6.6749	3.5891	2.8361	7.2770	6.3754
Tm-165	10.9151	9.1032	14.3014	14.7507	8.8690	7.0078	17.9223	15.1363
Tm-166	11.7691	9.7065	15.1204	16.2103	9.5529	7.6531	20.1995	16.1458
Tm-167	8.9847	7.2723	11.9879	13.3946	6.8082	5.3808	13.2945	12.7048
Tm-168	12.8721	10.6843	16.3147	17.4101	10.5640	8.4005	21.3873	17.7492
Tm-170	0.6319	0.4704	0.8017	1.0953	0.4243	0.3609	0.8716	0.9199
Tm-171	0.0878	0.0681	0.1167	0.1410	0.0631	0.0530	0.1275	0.1196
Tm-172	2.7864	2.1656	3.4337	4.4071	2.0493	1.7315	4.4815	3.9187
Tm-173	2.6106	2.1961	2.9283	3.1353	2.3468	1.9096	5.1302	3.5452
Tm-174	12.5627	10.5948	14.5606	15.9858	10.7894	8.8082	22.1947	17.1149
Tm-175	4.5775	3.8474	5.3514	5.4406	4.0799	3.2784	9.0907	6.1084
Tm-176	9.4805	7.9112	11.2732	12.4462	7.9548	6.5439	16.7398	12.6577
U-227	7.1041	5.6772	9.2536	11.6143	5.2392	4.3932	10.3022	9.1216
U-228	1.5850	1.2477	2.1740	2.8081	1.0760	0.9140	2.1074	2.0266
U-230	1.8635	1.4592	2.5864	3.3867	1.2395	1.0606	2.4416	2.4064

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
U-231	19.6550	15.2746	26.5041	34.3321	13.7021	11.4319	27.0159	24.9673
U-232	1.7870	1.3966	2.4893	3.2752	1.1820	1.0081	2.3348	2.3227
U-233	0.9401	0.7267	1.3074	1.7560	0.6158	0.5238	1.2230	1.2588
U-234	3.5638	3.6597	3.8225	3.6078	3.4491	3.5307	3.8263	3.8743
U-235	2.7232	2.7711	2.9380	2.7767	2.6545	2.8046	2.9155	2.8415
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	1.4835	1.1583	2.0688	2.7285	0.9795	0.8347	1.9355	1.9348
U-237	13.6774	10.8379	18.1080	21.7911	10.0998	8.4881	19.4226	16.6016
U-238	1.7572	1.8062	1.8340	1.7175	1.7214	1.8061	1.8803	1.7654
U-239	3.8296	3.0715	4.8405	5.4237	3.0329	2.9701	5.6139	3.9836
U-240	4.5498	3.5122	6.3231	8.1757	3.0412	2.5672	5.9830	5.8935
U-242	1.0196	0.8400	1.2858	1.3124	0.8623	0.8019	1.6219	1.0432
V-47	0.0658	0.0477	0.0802	0.1238	0.0414	0.0335	0.0921	0.1077
V-48	4.5359	3.9374	5.2492	5.2110	4.1556	3.3651	10.7196	5.8716
V-49	1.5526	1.0581	1.9420	3.2408	0.8466	0.6822	1.8965	2.6861
V-50	3.0126	2.4131	3.5092	4.3353	2.4120	1.9564	5.6945	4.1503
V-52	1.7388	1.5775	1.9349	1.6350	1.7291	1.4253	4.4536	2.0083
V-53	1.8766	1.6832	2.1257	1.7885	1.8566	1.4855	4.6911	2.1812
W-177	19.6645	15.2795	24.0022	30.2514	14.7773	12.6713	30.4416	26.5847
W-178	4.2339	3.0406	5.3631	7.9245	2.6491	2.2624	5.6043	6.5224
W-179	9.9530	7.3563	12.4082	17.0305	6.7765	5.7882	13.9890	13.9875
W-179m	5.5824	4.1755	6.9687	9.3589	3.8824	3.4801	7.8941	7.7241
W-181	6.0383	4.5188	7.6958	10.1627	4.1823	3.7035	8.5163	8.3529
W-185m	8.8323	6.1688	11.0300	17.6414	5.1507	4.2687	11.1932	14.5852
W-185	0.0042	0.0032	0.0050	0.0067	0.0031	0.0028	0.0063	0.0054
W-187	4.0952	3.2578	4.7505	5.5699	3.3704	2.9873	7.1159	5.2118
W-188	0.0495	0.0387	0.0585	0.0763	0.0369	0.0323	0.0748	0.0691
W-190	11.0685	8.3794	13.4910	17.9004	8.0991	7.3147	15.6782	15.1880
Xe-120	9.8690	7.6328	10.2352	11.8128	8.3565	5.9722	17.9581	10.1387
Xe-121	5.2797	4.3031	5.4957	6.0049	4.6743	3.5032	10.1300	5.7198
Xe-122	4.7840	3.6526	4.9079	5.9235	3.9635	2.7571	8.4126	4.9001
Xe-123	6.4779	5.2114	6.7364	7.7281	5.6675	4.1134	11.4215	7.3067
Xe-125	8.3927	6.7695	8.8138	9.7644	7.2587	5.2571	14.8162	9.0177
Xe-127	7.8805	6.4435	8.2715	9.0370	6.8895	5.0369	13.3687	8.6403
Xe-127m	6.1680	5.1058	6.3549	7.4068	5.4043	4.1129	10.9730	7.0168
Xe-129m	7.6859	5.8638	7.9530	9.7480	6.2831	4.4245	12.8383	8.7394
Xe-131m	3.3848	2.5627	3.5378	4.4824	2.7111	1.9174	5.6189	3.7914
Xe-133	4.0455	3.1857	4.2158	4.8344	3.4400	2.9048	6.5978	4.0808
Xe-133m	3.5238	2.7137	3.6629	4.5027	2.8786	2.0515	5.9927	3.8999
Xe-135	2.3037	2.1514	2.3703	2.1872	2.2252	1.8017	5.2634	3.0268

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Xe-135m	2.2354	1.8398	2.3121	2.3615	2.0691	1.5821	4.5397	2.8144
Xe-137	0.6521	0.5632	0.6718	0.6418	0.6385	0.5130	1.4381	0.8751
Xe-138	3.5318	2.9573	3.9015	4.5548	3.0232	2.4495	6.8046	4.8622
Y-81	7.6262	6.3334	9.7156	11.8438	5.9719	5.2433	11.8643	8.8543
Y-83	6.5009	5.3358	8.7889	10.6775	4.9239	4.1123	9.7215	8.2771
Y-83m	4.0217	3.4973	5.0642	5.6454	3.2886	2.7682	6.9223	4.9350
Y-84m	6.5848	5.8067	7.6954	7.0638	6.3245	5.0385	15.5804	8.2837
Y-85	3.6551	3.0325	4.7813	5.6245	2.9095	2.4395	6.0324	4.6314
Y-85m	4.3702	3.6863	5.8367	6.8454	3.4405	2.9065	7.1701	5.3646
Y-86	10.6325	9.0826	13.4295	14.5526	9.0921	7.4905	20.4978	13.1308
Y-86m	2.9445	2.7077	3.3910	3.1509	2.6795	2.1772	4.6260	3.5619
Y-87	8.6421	7.0923	11.8428	14.5971	6.4640	5.5079	12.9208	10.8048
Y-87m	2.9156	2.5036	3.5248	3.8706	2.4671	2.0514	4.9854	3.5833
Y-88	10.3838	8.7047	13.9198	16.2966	8.2099	6.9348	17.4866	12.4595
Y-89m	1.8913	1.6815	2.1950	1.9283	1.8536	1.4661	4.6311	2.3570
Y-90	0.0008	0.0007	0.0011	0.0012	0.0006	0.0005	0.0011	0.0008
Y-90m	4.8785	4.4037	5.4987	5.0533	4.5499	3.6916	8.4315	5.9873
Y-91	0.0046	0.0043	0.0053	0.0044	0.0046	0.0038	0.0128	0.0059
Y-91m	2.0902	1.7864	2.3135	2.2083	1.9651	1.5556	4.3684	2.7337
Y-92	0.4875	0.4332	0.5469	0.4770	0.4811	0.3841	1.1899	0.6050
Y-93	0.2737	0.2525	0.2937	0.2599	0.2664	0.2182	0.6142	0.3416
Y-94	1.4375	1.2801	1.6324	1.4162	1.4202	1.1297	3.5333	1.7770
Y-95	1.0314	0.9290	1.1458	0.9889	1.0247	0.8445	2.5276	1.1696
Yb-162	9.4599	7.7540	12.2369	13.5606	7.5283	5.9560	14.7622	12.8811
Yb-163	8.1624	6.4592	10.7746	12.7200	6.0516	4.9001	12.5894	11.3237
Yb-164	5.4645	4.4341	7.6124	8.1371	4.1573	3.3090	8.2891	7.2701
Yb-165	15.4525	12.0062	20.3561	24.9189	11.0666	9.2180	22.5384	21.4053
Yb-166	10.0804	8.1698	13.9107	14.9130	7.6977	6.2549	15.2769	13.0988
Yb-167	19.5307	15.6426	25.5939	29.3130	14.8610	11.7707	29.7081	26.4076
Yb-169	19.9475	16.2705	26.3604	28.4198	15.6948	12.9293	30.5258	25.5903
Yb-175	0.5498	0.4559	0.6512	0.7161	0.4638	0.3822	0.9596	0.7183
Yb-177	2.0251	1.6942	2.4544	2.7088	1.7222	1.4142	3.4421	2.6890
Yb-178	0.3629	0.2935	0.4126	0.4955	0.2984	0.2423	0.6117	0.5335
Yb-179	4.5978	3.8613	5.1836	5.1823	4.1988	3.3298	9.1643	6.1371
Zn-60	3.0763	2.5607	3.4983	3.5037	2.7798	2.3894	5.9324	3.7489
Zn-61	0.8789	0.7595	0.9553	0.9336	0.8321	0.6764	1.9539	1.1177
Zn-62	7.9089	5.7395	9.4773	13.9606	5.2154	4.0844	11.0453	13.9485
Zn-63	0.6979	0.5371	0.8306	1.1071	0.5186	0.4101	1.2232	1.0617
Zn-65	6.1752	4.4171	7.6236	11.8478	3.7780	3.0484	8.8331	10.2059
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Zn-69m	2.0673	1.7291	2.1812	2.4009	1.8902	1.5216	4.2332	2.9384
Zn-71	1.0108	0.8772	1.0656	0.9882	0.9880	0.7891	2.2665	1.3246
Zn-71m	5.7156	4.9436	5.9617	5.6021	5.5932	4.4325	12.5054	7.6452
Zn-72	10.6062	7.9902	12.7970	18.8046	7.1324	5.7627	14.5168	16.5422
Zr-85	2.2383	1.9384	2.5548	2.6145	2.0359	1.6656	4.5053	2.8458
Zr-86	15.8617	13.5613	21.1103	24.0764	12.0547	10.1151	23.9535	17.6979
Zr-87	1.3814	1.1738	1.9138	2.2100	1.0170	0.8704	2.0285	1.5441
Zr-88	8.8261	7.4947	11.7247	13.5110	6.7584	5.7262	13.3928	10.2206
Zr-89	7.2326	6.1880	9.7228	10.8073	5.6515	4.7374	11.8575	8.2603
Zr-89m	2.3786	2.0414	2.7245	2.6169	2.1803	1.7224	4.8430	2.9829
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	1.8336	1.6083	2.0996	1.8688	1.8090	1.3971	4.4537	2.5028
Zr-97	2.3004	2.0221	2.6414	2.3682	2.2359	1.7488	5.4066	3.0468

Table 21: Wood 1 cm Contamination Thickness for 400x400x40 ft room

Nuclide	avg400	ctr400	mid400	cnr400
Ac-223	0.9625	1.2469	4.5189	2.9369
Ac-224	7.1364	7.4451	19.1539	14.9667
Ac-225	1.4646	1.8814	6.2562	4.3473
Ac-226	2.9935	3.0095	8.9077	6.2138
Ac-227	0.3680	0.5307	2.1934	1.3262
Ac-228	4.3953	4.4739	11.8083	10.1335
Ac-230	1.9819	2.1105	5.6679	4.7955
Ac-231	5.6859	5.1858	12.7753	10.5178
Ac-232	2.9579	3.0141	7.9466	7.0103
Ac-233	1.9559	1.5845	4.2413	3.6399
Ag-100m	3.3776	2.4088	4.3440	5.7304
Ag-101	3.6253	2.9524	6.6543	5.7676
Ag-102m	2.4125	1.9278	3.7850	4.1071
Ag-102	5.4878	4.1096	7.6866	9.0341
Ag-103	5.3658	4.7688	10.2529	8.1954
Ag-104	8.0272	6.4769	13.1531	13.4742
Ag-104m	3.3334	2.7245	5.5011	5.4710
Ag-105	6.1398	5.6510	12.2058	10.3800
Ag-105m	0.1195	0.1797	0.8976	0.4762
Ag-106	1.5660	1.5297	3.5215	2.6247
Ag-106m	9.6768	7.9141	15.3846	15.7516
Ag-108	0.1250	0.1151	0.2529	0.2136
Ag-108m	7.8280	6.6220	12.9681	12.7632
Ag-109m	1.5647	1.6667	4.1936	2.7968
Ag-110	0.0919	0.0652	0.1261	0.1599
Ag-110m	5.7223	3.9479	6.9265	9.8546
Ag-111	0.1643	0.1202	0.2077	0.2219
Ag-111m	0.8812	0.9667	2.7065	1.7473
Ag-112	1.3003	0.8971	1.5633	2.2020
Ag-113m	1.4123	1.1647	2.5709	2.2661
Ag-113	0.3651	0.2547	0.5248	0.5268
Ag-114	0.5391	0.3709	0.6416	0.8614
Ag-115	1.3211	0.9753	1.9120	1.9269
Ag-116	3.1447	2.2337	3.7178	5.0508
Ag-117	2.7168	2.0868	3.6701	3.8361
Ag-99	3.8396	2.8975	6.4840	6.0878
Al-26	1.6791	1.2508	1.9855	2.6257
Al-28	1.6327	1.2160	1.9397	2.4766
Al-29	1.7211	1.2541	1.7169	3.2793

Nuclide	avg400	ctr400	mid400	cnr400
Am-237	7.7717	7.7555	20.1084	16.5020
Am-238	7.2639	7.1709	17.7002	15.7247
Am-239	10.3750	10.8937	29.5424	23.5334
Am-240	8.3906	8.6505	22.3846	19.2263
Am-241	2.9012	3.0565	3.1647	3.7667
Am-242	2.0533	2.3877	6.8913	5.1438
Am-242m	1.6063	2.0380	6.5790	4.5198
Am-243	3.3379	3.6278	7.1512	6.9783
Am-244	8.1987	8.7830	25.0927	19.0336
Am-244m	0.8316	1.0045	3.0156	2.1643
Am-245	1.0400	1.0630	2.8157	2.2057
Am-246	11.5748	12.3726	35.2273	26.2085
Am-246m	3.5542	3.3672	8.3052	7.6908
Am-247	3.5537	3.4956	8.6879	7.1761
Ar-37	0.1321	0.2100	1.1007	0.5734
Ar-39	0.0000	0.0000	0.0000	0.0000
Ar-41	1.6957	1.2368	1.7208	3.1938
Ar-42	0.0000	0.0000	0.0000	0.0000
Ar-43	2.0760	1.4782	2.2631	3.5423
Ar-44	3.4748	2.5079	5.0209	4.7149
As-68	4.1256	2.9152	4.7596	7.1862
As-69	0.9126	0.8810	2.9489	1.9239
As-70	5.5702	4.1087	7.7677	10.1468
As-71	4.1602	4.5171	19.4201	10.6221
As-72	2.0263	1.6708	4.6906	4.3187
As-73	5.1106	7.8416	39.5526	21.2253
As-74	2.1588	2.1922	8.3300	5.7577
As-76	1.0786	0.7337	1.2890	1.7380
As-77	0.0656	0.0508	0.1434	0.0994
As-78	2.4245	1.6812	2.8592	4.1645
As-79	0.1088	0.0818	0.1134	0.1586
At-204	9.5927	8.5415	18.9223	17.6825
At-205	6.2628	6.4583	15.9397	12.9605
At-206	9.9553	8.9747	19.1528	18.2030
At-207	8.8727	8.7149	20.8006	17.8834
At-208	12.6850	11.6013	27.9473	24.7104
At-209	12.3796	11.9479	29.2198	24.7105
At-210	10.3298	10.1523	25.7484	21.1879
At-211	2.1477	2.5976	6.9963	4.9853
At-215	0.0011	0.0010	0.0017	0.0017

Nuclide	avg400	ctr400	mid400	cnr400
At-216	0.0989	0.1128	0.2869	0.2190
At-217	0.0030	0.0029	0.0079	0.0058
At-218	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000
At-220	3.3880	2.7954	7.1375	5.5691
Au-186	6.1835	5.6839	14.6936	13.3994
Au-187	6.2343	6.8494	20.7284	17.4856
Au-190	7.1729	6.6824	16.9433	16.4277
Au-191	7.5732	8.0872	23.7201	20.1628
Au-192	6.9081	6.5738	16.6590	16.2713
Au-193	5.7343	6.5004	19.5000	16.6823
Au-193m	3.7095	4.2210	15.9256	10.2009
Au-194	6.0083	5.9933	15.7379	14.9103
Au-195	5.7253	7.0128	23.4633	18.3717
Au-195m	3.7656	4.2858	15.9761	10.3615
Au-196	5.6365	5.7482	14.5397	13.7703
Au-196m	9.3513	11.0569	39.3053	26.4055
Au-198	1.7965	1.5711	1.9826	2.5515
Au-198m	11.6538	11.4571	33.5654	25.8717
Au-199	2.4003	2.4038	8.2554	5.0862
Au-200	0.6841	0.5439	0.8107	1.1412
Au-200m	10.1061	8.0977	19.6108	17.1473
Au-201	0.3852	0.4546	1.7043	1.1127
Au-202	0.4233	0.3294	0.4966	0.6912
Ba-124	4.2533	2.9261	7.4825	6.8650
Ba-126	4.7910	3.2628	8.0833	7.7554
Ba-127	2.6078	1.8140	4.4469	4.2616
Ba-128	3.0269	2.0247	5.5854	5.0498
Ba-129	3.0333	2.1027	5.5240	5.0307
Ba-129m	8.0764	5.8695	13.8551	13.1543
Ba-131	6.1670	4.3212	9.4032	9.4043
Ba-131m	3.4619	2.4897	5.8628	5.8398
Ba-133	7.3474	5.4073	11.4896	11.2275
Ba-133m	2.7281	2.0948	7.2618	5.5796
Ba-135m	2.2858	1.4532	4.1899	3.8794
Ba-137m	1.8689	1.2332	2.4461	3.2470
Ba-139	0.7597	0.5165	1.6586	0.9298
Ba-140	1.8579	1.7617	6.3342	4.2092
Ba-141	3.9999	2.7679	5.5437	5.6964
Ba-142	3.7586	2.6973	5.2447	6.0187

Nuclide	avg400	ctr400	mid400	cnr400
Be-10	0.0000	0.0000	0.0000	0.0000
Be-7	0.1791	0.1292	0.1987	0.2415
Bi-197	6.8477	7.0322	18.0321	15.3773
Bi-200	11.6548	10.9753	24.4473	22.4869
Bi-201	6.9133	7.0787	17.6932	15.3559
Bi-202	10.6531	9.8263	21.6158	21.0597
Bi-203	8.0256	7.9304	19.4405	17.2210
Bi-204	10.9662	10.2856	23.2888	22.3116
Bi-205	6.5008	6.7011	17.4819	14.6843
Bi-206	12.7037	11.7224	27.5804	25.4285
Bi-207	7.0395	6.9071	16.9788	15.3155
Bi-208	4.2537	4.6347	12.8149	10.4567
Bi-210	0.0000	0.0000	0.0000	0.0000
Bi-210m	2.3241	1.9663	5.3200	4.1554
Bi-211	0.3643	0.3272	0.6545	0.6456
Bi-212n	0.0000	0.0000	0.0000	0.0000
Bi-212	0.6392	0.7723	2.9711	1.9436
Bi-213	0.6835	0.6228	1.1198	1.0998
Bi-214	2.3848	1.7285	2.9357	4.0876
Bi-215	1.9044	1.7580	4.2189	3.4630
Bi-216	2.7628	2.1230	3.6482	4.2413
Bk-245	8.2333	8.3050	20.6728	16.9968
Bk-246	8.2712	8.5687	22.5563	18.5274
Bk-247	3.5439	3.3624	6.9692	6.0067
Bk-248m	2.1312	2.3009	6.1039	4.7945
Bk-249	0.0000	0.0000	0.0000	0.0000
Bk-250	2.8900	2.6569	6.1217	6.0939
Bk-251	4.7211	5.0405	13.1583	10.2896
Br-72	3.5702	2.7623	5.3630	6.5707
Br-73	2.8507	2.6473	5.6319	6.9374
Br-74	3.9896	3.0719	6.3085	7.4589
Br-74m	4.9675	3.7130	7.6117	9.2807
Br-75	3.2232	2.8259	8.4069	6.1681
Br-76	4.2733	3.9033	10.9420	9.4909
Br-76m	5.1628	6.3442	21.0119	15.2194
Br-77	3.9032	4.7611	18.5581	11.5583
Br-77m	2.2799	3.1128	11.2237	7.4378
Br-78	0.4306	0.4459	1.5207	1.1333
Br-80	0.2970	0.3260	1.1666	0.8311
Br-80m	4.7655	6.0137	21.3786	14.6858

Nuclide	avg400	ctr400	mid400	cnr400
Br-82m	1.9926	2.9776	11.4229	7.2479
Br-82	5.8097	3.9898	7.1036	9.8040
Br-83	0.0230	0.0161	0.0315	0.0352
Br-84m	5.1896	3.8989	5.6753	7.9883
Br-84	1.8715	1.3351	2.1173	3.2355
Br-85	0.1282	0.0889	0.1558	0.2176
C-10	1.7714	1.1935	2.2666	3.0794
C-11	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000
Ca-41	0.2360	0.3750	1.9654	1.0239
Ca-45	0.0000	0.0000	0.0001	0.0000
Ca-47	1.5018	1.0868	1.5780	2.7442
Ca-49	1.5253	1.1602	1.6722	2.7568
Cd-101	5.3707	4.4212	8.3236	8.5073
Cd-102	5.2238	4.7427	9.9270	8.3647
Cd-103	4.9150	4.5030	9.6502	8.2936
Cd-104	5.9643	5.9611	12.4554	9.5132
Cd-105	3.6585	3.4050	7.4633	6.2089
Cd-107	4.6484	4.9159	12.1416	8.1494
Cd-109	4.3640	4.6400	11.5290	7.6887
Cd-111m	4.2250	3.5935	10.1889	6.2688
Cd-113	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0025	0.0026	0.0069	0.0044
Cd-115	0.8113	0.5990	1.2092	1.1974
Cd-115m	0.0590	0.0415	0.0632	0.1033
Cd-117	2.6434	1.9929	3.6711	4.0634
Cd-117m	2.7961	1.9970	3.0202	4.7885
Cd-118	0.0000	0.0000	0.0000	0.0000
Cd-119	3.0797	2.2624	3.9151	4.6382
Cd-119m	3.3718	2.4554	3.7184	5.7070
Ce-130	6.2095	4.2456	9.3085	9.6554
Ce-131	5.8607	4.4236	10.6617	9.7267
Ce-132	5.6603	3.7679	9.9271	8.3241
Ce-133	6.1787	4.1523	8.8565	9.8806
Ce-133m	8.4533	5.8736	11.6932	14.0128
Ce-134	2.7188	1.7281	4.6959	4.7111
Ce-135	6.2304	4.1303	9.9394	10.0465
Ce-137	3.1624	2.3660	7.8552	6.4344
Ce-137m	2.2696	1.5418	4.2819	3.9989
Ce-139	4.9038	3.2636	9.9025	7.3268

Nuclide	avg400	ctr400	mid400	cnr400
Ce-141	1.8197	1.3197	3.1812	2.3554
Ce-143	3.7777	2.6211	5.8610	6.5001
Ce-144	0.6410	0.4851	0.8887	0.9179
Ce-145	5.6390	3.9588	8.4399	10.2239
Cf-244	0.5839	0.7227	2.2152	1.5585
Cf-246	0.4006	0.4951	1.5163	1.0664
Cf-247	7.3541	8.2580	23.0640	17.3785
Cf-248	0.4790	0.5913	1.8096	1.2730
Cf-249	3.0673	3.0511	6.7807	5.8652
Cf-250	0.3860	0.4665	1.4079	1.0041
Cf-251	5.1204	5.3123	14.1239	10.9462
Cf-252	1.2973	1.1253	2.5067	2.4104
Cf-253	1.2618	1.5468	4.9038	3.3670
Cf-254	34.2943	24.8483	41.4426	52.9727
Cf-255	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0001	0.0001	0.0007	0.0003
Cl-34m	2.1467	1.5959	3.0812	3.1128
Cl-36	0.0019	0.0030	0.0156	0.0081
Cl-38	1.1998	0.8931	1.3719	1.9036
Cl-39	2.5867	1.8844	3.9860	4.2025
Cl-40	3.1753	2.3567	3.6410	5.3170
Cm-238	4.2160	4.3105	10.5529	8.9965
Cm-239	7.5422	7.1331	17.6952	14.2921
Cm-240	0.6579	0.8340	2.5673	1.8385
Cm-241	9.4402	10.0050	26.9319	21.2142
Cm-242	0.5907	0.7489	2.3057	1.6511
Cm-243	5.1575	5.5572	16.1727	12.1893
Cm-244	0.5071	0.6431	1.9804	1.4181
Cm-245	5.5819	5.8482	15.4486	12.4865
Cm-246	0.4116	0.5179	1.5869	1.1414
Cm-247	1.5796	1.3736	1.7836	2.2207
Cm-248	3.0530	2.4177	4.7126	5.1904
Cm-249	0.4872	0.7022	3.4363	1.8755
Cm-250	27.1239	19.7127	32.9816	41.9954
Cm-251	0.8973	0.8458	2.0028	1.7575
Co-54m	5.0809	3.8883	5.0616	8.1905
Co-55	2.5090	1.9728	4.3496	4.7975
Co-56	5.0772	4.2773	11.1183	11.0163
Co-57	4.6726	5.3145	17.5001	11.6004
Co-58	2.5733	2.4806	8.9814	6.5429

Nuclide	avg400	ctr400	mid400	cnr400
Co-58m	0.9461	1.5029	7.8727	4.1017
Co-60	3.4454	2.4926	3.4717	6.3701
Co-60m	1.1030	1.7056	8.7236	4.6758
Co-61	2.6320	2.6055	4.2510	7.3290
Co-62	1.9879	1.4286	1.9353	3.6969
Co-62m	3.5443	2.5422	3.4828	6.5473
Cr-48	5.1395	4.0693	8.5598	8.2232
Cr-49	2.7708	2.2842	4.0395	4.3485
Cr-51	0.7297	0.9795	4.6629	2.5820
Cr-55	0.0007	0.0006	0.0009	0.0011
Cr-56	4.6708	4.7843	9.8607	7.2307
Cs-121	1.9137	1.3837	3.3546	2.7037
Cs-121m	3.5424	2.5234	5.8344	5.0645
Cs-123	3.3506	2.4072	4.9582	5.2415
Cs-124	0.9013	0.6599	1.1435	1.3353
Cs-125	2.9037	2.0820	4.6480	4.6107
Cs-126	1.5628	1.2109	2.0085	2.3081
Cs-127	4.5582	3.4497	7.0651	6.9869
Cs-128	1.4250	1.0567	2.2405	2.2203
Cs-129	4.9701	3.6616	8.4541	7.9089
Cs-130m	4.7809	3.7590	9.1766	7.9301
Cs-130	1.5917	1.1467	3.0213	2.6550
Cs-131	2.6553	1.9246	5.2071	4.4719
Cs-132	4.4828	3.1459	7.4410	7.6263
Cs-134	3.9592	2.6714	5.0003	6.6783
Cs-134m	1.9289	1.7764	6.2083	4.3306
Cs-135	0.0000	0.0000	0.0000	0.0000
Cs-135m	3.5700	2.4313	4.6575	6.1897
Cs-136	5.7613	4.0475	7.2716	9.4763
Cs-137	1.8987	2.1157	2.2017	2.3763
Cs-138m	2.7440	1.9578	4.8302	4.4894
Cs-138	3.4070	2.4848	3.7673	5.4305
Cs-139	0.3440	0.2494	0.3748	0.6041
Cs-140	2.3114	1.6244	2.6406	3.9173
Cu-57	0.1796	0.1282	0.1893	0.3324
Cu-59	0.8921	0.6632	1.1256	1.5172
Cu-60	3.4623	2.6098	4.5813	6.2100
Cu-61	1.2375	1.3443	5.2176	3.4956
Cu-62	0.0387	0.0525	0.2477	0.1423
Cu-64	0.5739	0.9051	4.7216	2.4697

Nuclide	avg400	ctr400	mid400	cnr400
Cu-66	0.1695	0.1180	0.1595	0.3035
Cu-67	2.0880	1.7338	4.7020	3.2827
Cu-69	1.0246	0.7093	1.1172	1.7519
Dy-148	4.6350	3.6015	8.2939	8.7019
Dy-149	7.2427	5.6685	12.4367	13.1745
Dy-150	2.9721	2.5423	4.9606	5.1218
Dy-151	6.5451	5.4461	13.4429	12.4207
Dy-152	4.8016	3.8227	10.6948	8.4782
Dy-153	9.4796	7.7359	18.0384	17.0920
Dy-154	0.0000	0.0000	0.0000	0.0000
Dy-155	6.0208	4.7638	11.5020	10.6553
Dy-157	5.0045	3.9295	8.7488	8.7165
Dy-159	3.5861	3.0547	7.8212	7.2088
Dy-165m	0.9628	1.1618	4.9126	2.9777
Dy-165	0.5293	0.4482	1.0359	1.0049
Dy-166	2.7446	2.6778	7.5809	6.0067
Dy-167	3.5155	2.7057	6.6909	6.0549
Dy-168	3.7317	3.0797	7.5167	6.6033
Er-154	4.4104	4.2550	12.6753	9.6501
Er-156	5.5203	5.5233	19.5043	13.8755
Er-159	5.6118	4.6045	11.3048	10.8222
Er-161	6.0788	5.1285	12.9925	12.1986
Er-163	3.0204	2.7191	7.2572	6.4476
Er-165	2.9269	2.6510	7.1700	6.2994
Er-167m	1.9279	1.7232	5.1226	3.8549
Er-169	0.0273	0.0433	0.2266	0.1182
Er-171	4.7987	3.9517	9.3078	8.6739
Er-172	4.4790	3.9604	9.0934	9.0992
Er-173	7.2285	5.9119	13.1419	12.6498
Es-249	6.6563	6.6687	15.3742	13.1696
Es-250	21.9737	23.3908	62.1166	48.5118
Es-250m	6.0979	6.1398	14.6442	12.5596
Es-251	6.3990	7.0569	18.9786	14.6957
Es-253	0.1534	0.1903	0.6036	0.4164
Es-254	5.4096	6.9224	23.4169	15.7497
Es-254m	3.1700	3.1124	8.3419	6.8861
Es-255	0.0014	0.0010	0.0017	0.0022
Es-256	0.7716	0.9207	2.7760	1.9214
Eu-142	0.5521	0.4025	0.8086	0.9664
Eu-142m	6.6310	4.9312	10.8242	12.2987

Nuclide	avg400	ctr400	mid400	cnr400
Eu-143	1.2600	0.9481	1.9516	2.2378
Eu-144	0.5524	0.4196	0.9013	0.9535
Eu-145	4.8343	3.5761	7.5274	8.6451
Eu-146	7.4444	5.3357	10.7758	13.1949
Eu-147	5.5448	4.1935	8.7223	9.4690
Eu-148	8.5003	6.0925	11.9449	14.3985
Eu-149	3.2920	2.7951	8.0240	6.7923
Eu-150	8.0718	5.9514	10.9115	12.9080
Eu-150m	0.4379	0.3345	0.6823	0.7477
Eu-152	5.7807	4.3834	8.4061	9.7908
Eu-152m	1.6772	1.2627	2.5377	2.9453
Eu-152n	3.6212	3.5775	9.7323	7.3238
Eu-154	4.3195	3.3320	5.9290	7.3338
Eu-154m	4.4424	4.4056	13.9244	11.3848
Eu-155	2.4915	2.1134	3.9728	4.0435
Eu-156	2.4795	1.9185	3.7163	4.5752
Eu-157	4.4373	3.9759	9.8542	9.8396
Eu-158	3.4373	2.7542	5.8111	6.4352
Eu-159	5.3312	4.4811	9.7161	10.1965
F-17	0.0006	0.0004	0.0007	0.0011
F-18	0.0000	0.0000	0.0000	0.0000
Fe-52	2.7763	2.2473	8.4108	4.1691
Fe-53	0.7898	0.6583	0.8799	1.0980
Fe-53m	5.0352	3.5236	5.5118	8.9334
Fe-55	0.7840	1.2459	6.5301	3.4019
Fe-59	1.8459	1.3195	1.8530	3.3551
Fe-60	0.0000	0.0000	0.0000	0.0000
Fe-61	2.5339	1.7954	2.7069	4.2452
Fe-62	1.7194	1.1639	2.0580	2.3842
Fm-251	5.3369	5.7099	15.4272	11.7111
Fm-252	0.4117	0.4974	1.4919	1.0498
Fm-253	5.6492	6.4376	18.3755	13.5105
Fm-254	0.4295	0.5121	1.5230	1.0812
Fm-255	4.4446	5.5394	17.4519	12.2012
Fm-256	25.5760	18.5337	31.1320	39.5983
Fm-257	6.0471	6.4718	17.4018	13.2768
Fr-212	6.9447	7.1985	19.0835	15.2536
Fr-219	0.0279	0.0250	0.0540	0.0465
Fr-220	0.7894	1.0018	3.2460	2.1911
Fr-221	0.4703	0.4370	1.1184	0.8447

Nuclide	avg400	ctr400	mid400	cnr400
Fr-222	3.6887	3.8377	10.6169	8.2680
Fr-223	3.5149	3.8150	10.1892	8.1605
Fr-224	3.2374	3.0609	7.5290	6.3650
Fr-227	5.7013	5.5387	12.3342	11.5976
Ga-64	2.5098	1.8363	2.9929	4.4842
Ga-65	3.3996	3.3213	9.8263	7.7557
Ga-66	2.3642	2.3811	8.0802	6.1858
Ga-67	4.4665	5.2599	21.6451	12.6841
Ga-68	0.2554	0.3495	1.6584	0.9472
Ga-70	0.0265	0.0253	0.0895	0.0624
Ga-72	3.8575	2.7090	4.6515	6.6979
Ga-73	4.8607	5.6587	24.1105	14.4221
Ga-74	4.2304	2.9713	4.8541	7.1419
Gd-142	2.7122	2.0314	4.5846	4.6032
Gd-143m	6.6646	4.9702	11.3541	11.3106
Gd-144	2.1215	1.6450	3.6658	3.8807
Gd-145m	2.6363	2.3082	7.0826	5.7916
Gd-145	3.8819	2.9623	5.9372	6.8258
Gd-146	10.0252	7.7782	16.9279	16.4986
Gd-147	7.9067	5.9734	12.5366	13.2223
Gd-148	0.0000	0.0000	0.0000	0.0000
Gd-149	6.7079	5.0935	12.0876	10.9828
Gd-150	0.0000	0.0000	0.0000	0.0000
Gd-151	3.8425	3.3807	10.2049	8.0150
Gd-152	0.0000	0.0000	0.0000	0.0000
Gd-153	5.8232	4.5042	9.6800	10.3283
Gd-159	0.9868	0.8203	1.8091	1.8491
Gd-162	2.1001	1.8521	3.5849	3.4427
Ge-66	5.5337	5.8972	21.7029	14.3370
Ge-67	2.7251	2.0516	6.7244	3.7702
Ge-68	1.9289	3.0634	16.0036	8.3534
Ge-69	2.7953	3.2920	13.8825	8.7797
Ge-71	1.9564	3.1071	16.2316	8.4724
Ge-75	0.2693	0.1936	0.5479	0.3871
Ge-77	4.5704	3.3326	7.1265	6.7392
Ge-78	1.9830	1.3774	3.6786	2.7698
H-3	0.0000	0.0000	0.0000	0.0000
Hf-167	3.4685	3.0641	7.9229	7.6753
Hf-169	5.0486	4.6181	11.7480	11.5240
Hf-170	7.6723	7.4105	22.3345	18.5947

Nuclide	avg400	ctr400	mid400	cnr400
Hf-172	7.6267	8.3682	27.0014	21.1625
Hf-173	8.4311	7.6467	17.7389	17.3575
Hf-174	0.0000	0.0000	0.0000	0.0000
Hf-175	5.5405	5.1847	13.4356	12.9574
Hf-177m	26.0117	22.4532	59.5191	52.2442
Hf-178m	17.6811	15.2005	37.5958	33.0577
Hf-179m	11.4853	10.7498	29.7762	25.0882
Hf-180m	9.4873	8.2771	20.0788	19.1596
Hf-181	4.6283	4.1926	10.2594	9.2171
Hf-182	2.4910	2.0236	6.0403	4.5898
Hf-182m	8.8065	8.0810	21.9381	19.7889
Hf-183	4.1299	3.6757	7.4309	8.6362
Hf-184	6.5348	7.5199	29.5187	18.6334
Hg-190	7.4850	8.3212	25.4784	19.0912
Hg-191m	9.9863	10.0809	29.3576	23.8569
Hg-192	7.4093	8.3165	26.2653	20.0557
Hg-193	7.0118	7.7372	23.0459	18.7336
Hg-193m	6.0242	6.2317	16.4492	14.7430
Hg-194	1.1666	1.8108	8.5677	4.7511
Hg-195	5.3264	6.5119	21.4579	16.4224
Hg-195m	5.9355	7.5752	29.1037	18.9819
Hg-197	5.1010	6.3934	20.6863	15.3558
Hg-197m	4.4399	5.4458	18.8416	12.7206
Hg-199m	5.1936	5.7478	18.9350	12.8065
Hg-203	2.2701	1.9130	5.2185	4.0108
Hg-205	0.0865	0.0785	0.1900	0.1594
Hg-206	1.1471	1.0193	2.4702	2.1882
Hg-207	5.4963	4.5565	8.5394	9.6689
Ho-150	2.9909	2.1398	4.3716	5.3351
Ho-153	4.6078	3.6240	8.2086	8.2368
Ho-153m	5.5900	4.5115	10.7630	9.7559
Ho-154m	9.1409	7.0174	12.1714	14.2950
Ho-154	4.8921	3.6761	6.7904	7.9322
Ho-155	5.3574	4.5762	12.1346	10.3582
Ho-156	7.6837	6.0858	13.8991	13.0188
Ho-157	8.1823	6.8877	17.1972	15.6468
Ho-159	9.1750	7.6928	17.8752	16.6275
Ho-160	8.3651	6.7242	15.5642	15.8775
Ho-161	4.8263	4.6155	13.3160	10.2712
Ho-162	3.8908	3.5389	9.5239	8.1485

Nuclide	avg400	ctr400	mid400	cnr400
Ho-162m	6.2336	5.7084	17.0534	13.5783
Ho-163	0.0315	0.0500	0.2620	0.1365
Ho-164	2.2496	2.0514	5.6638	4.8322
Ho-164m	4.5079	4.7241	16.8258	11.9622
Ho-166	0.8413	0.9319	3.0521	2.0820
Ho-166m	8.1205	6.4700	16.2499	14.2062
Ho-167	3.1276	2.5513	5.3385	5.2124
Ho-168	3.1153	2.5885	6.5905	6.0895
Ho-168m	0.9407	1.1623	4.9726	3.0184
Ho-170	7.5398	6.2111	15.4036	14.0668
I-118m	7.9127	5.5107	10.1463	13.3083
I-118	2.7189	1.9050	3.4992	4.5506
I-119	3.6480	2.8366	7.8846	5.7080
I-120	3.6281	2.6912	5.2462	5.9328
I-120m	6.9904	4.9405	9.1903	11.6113
I-121	4.8370	3.8240	9.2178	7.3438
I-122	1.0033	0.7931	1.8744	1.6596
I-123	5.2155	4.1642	12.5337	7.4857
I-124	3.8037	2.9881	6.9144	6.3744
I-125	5.2663	4.5100	11.9572	8.9009
I-126	2.7559	2.2329	4.6983	4.4346
I-128	0.4344	0.3536	0.6850	0.6504
I-129	2.7594	1.9648	5.0638	4.5642
I-130m	1.0538	0.8998	2.7512	2.0575
I-130	5.9093	4.0829	7.1293	9.5682
I-131	1.9163	2.1132	2.1604	2.3279
I-132	5.2716	3.5907	6.5486	8.9942
I-132m	2.6738	2.3021	6.7201	5.1400
I-133	1.8406	1.2495	2.2158	2.7618
I-134m	4.8255	3.6102	9.4311	7.5880
I-134	5.4597	3.8073	6.4675	9.1625
I-135	2.3316	1.6814	2.5603	3.9703
In-103	4.4106	3.2782	6.3958	6.8132
In-105	4.5906	3.7448	7.2010	6.9944
In-106	6.8531	4.9161	8.9365	11.6818
In-106m	3.1286	2.2914	4.2030	5.3616
In-107	4.7423	4.0479	8.5680	7.4731
In-108	10.0303	7.7754	15.7341	17.0140
In-108m	3.9886	3.2768	6.7119	6.8555
In-109	5.6719	5.0535	11.1315	8.8873

Nuclide	avg400	ctr400	mid400	cnr400
In-109m	1.8415	1.2965	2.5329	3.2100
In-110	9.7680	7.7438	15.7529	16.9439
In-110m	3.0982	2.5196	5.3972	5.4003
In-111	7.3940	6.3773	17.8181	10.8110
In-111m	1.8564	1.3810	2.7483	2.8298
In-112	1.1070	1.1294	2.7964	1.9261
In-112m	2.4600	2.4828	6.6550	4.0595
In-113m	2.0613	1.9469	3.5035	3.0681
In-114	0.0179	0.0177	0.0422	0.0313
In-114m	1.8950	1.8440	4.7843	3.1851
In-115	0.0000	0.0000	0.0000	0.0000
In-115m	2.1517	1.9603	4.3626	3.3749
In-116m	3.7693	2.7844	3.9046	6.5159
In-117	4.2634	3.0544	8.6423	5.5328
In-117m	1.5437	1.3349	3.5266	2.2565
In-118m	4.7838	3.3723	5.0146	8.6308
In-118	0.1158	0.0830	0.1174	0.2151
In-119	2.5013	2.0472	4.9803	4.6380
In-119m	0.4762	0.4807	1.3041	0.9248
In-121	1.9784	1.3708	2.3591	3.4165
In-121m	1.9993	1.9638	4.4570	4.1475
Ir-180	6.7821	6.4022	17.8039	16.1211
Ir-182	6.7951	6.6134	18.5985	16.4730
Ir-183	8.0272	8.5552	25.9821	23.2802
Ir-184	10.0302	9.7242	27.2174	24.9020
Ir-185	8.4796	9.7067	33.6091	26.7835
Ir-186	9.7452	9.3971	25.7912	23.9360
Ir-186m	5.8385	5.7302	16.1035	15.3059
Ir-187	5.9261	6.8519	22.5933	19.3574
Ir-188	7.2221	7.1221	20.4713	19.0720
Ir-189	4.6590	5.6774	20.0856	16.2126
Ir-190	10.0724	9.2311	24.0840	22.9886
Ir-190m	1.0931	1.7288	8.8574	4.6771
Ir-190n	3.7447	4.4203	14.5667	12.7657
Ir-191m	4.5532	5.6557	20.0680	14.8184
Ir-192	4.7764	3.5946	7.3344	7.8045
Ir-192m	1.2683	1.9852	9.6881	5.2691
Ir-192n	2.6574	4.1463	20.1290	10.9987
Ir-193m	1.0975	1.7261	8.7536	4.6638
Ir-194	0.4263	0.3142	0.5914	0.6788

Nuclide	avg400	ctr400	mid400	cnr400
Ir-194m	9.8729	7.5270	14.5350	16.3769
Ir-195	3.6469	4.3827	14.5573	11.3901
Ir-195m	4.3997	4.5542	13.3422	11.0209
Ir-196	0.8423	0.6551	1.1287	1.3689
Ir-196m	10.9254	9.1292	18.4029	19.1616
K-38	1.5933	1.1777	1.6518	2.7832
K-40	0.1949	0.1588	0.3487	0.3510
K-42	0.3094	0.2312	0.3889	0.4472
K-43	3.5232	2.6006	3.7534	5.2347
K-44	2.5566	1.8472	2.6395	4.5463
K-45	3.4766	2.4872	5.6502	4.6664
K-46	2.4969	1.8488	2.6965	4.4651
Kr-74	4.5619	4.5233	11.9919	9.6735
Kr-75	3.7030	3.4011	8.2587	6.0720
Kr-76	6.0395	6.6595	21.0677	15.1770
Kr-77	3.8868	3.5367	7.5657	6.0133
Kr-79	3.1674	4.1105	14.6296	9.7012
Kr-81	2.4042	3.6000	13.8088	8.7580
Kr-81m	2.3936	2.2649	6.2609	4.5808
Kr-83m	1.0525	1.5805	6.3128	3.9027
Kr-85	0.0076	0.0052	0.0093	0.0108
Kr-85m	2.4308	1.9442	5.6419	3.2634
Kr-87	1.3960	1.1330	1.3486	2.0449
Kr-88	2.8663	2.3302	4.5372	5.0423
Kr-89	3.0982	2.2460	3.9152	4.9523
La-128	6.2150	4.2680	8.3269	9.6432
La-129	3.6800	2.4389	5.4215	5.5873
La-130	4.6762	3.2657	5.4986	7.1643
La-131	5.1171	3.3882	7.1422	7.8141
La-132	4.6757	3.1839	6.0680	7.3409
La-132m	4.8973	3.5414	7.8568	7.6892
La-133	3.1735	2.2964	7.5014	6.2515
La-134	1.1460	0.7036	1.8438	1.9295
La-135	2.7730	1.6826	4.6024	4.6752
La-136	1.8347	1.1146	3.0271	3.0998
La-137	2.6546	1.6177	4.4931	4.5127
La-138	3.1387	2.1421	4.7850	5.3690
La-140	3.7592	2.7128	4.6764	5.4245
La-141	0.0324	0.0238	0.0354	0.0566
La-142	2.6088	1.8542	2.9481	4.5042

Nuclide	avg400	ctr400	mid400	cnr400
La-143	0.3776	0.2671	0.4256	0.6449
Lu-165	7.6587	6.8961	17.0977	16.0954
Lu-167	8.2231	7.3900	20.0630	17.7510
Lu-169m	0.7912	1.2569	6.5776	3.4298
Lu-169	7.7152	7.0187	18.4898	17.3378
Lu-170	6.8805	6.2592	15.9363	15.5125
Lu-171m	0.8466	1.3345	6.9297	3.6380
Lu-171	8.6109	8.8045	27.5729	22.1449
Lu-172	9.6204	8.6892	23.1097	21.1646
Lu-172m	0.7112	1.1299	5.9143	3.0836
Lu-173	7.3660	7.0877	19.5290	17.4785
Lu-174	3.9864	4.1376	12.7970	10.5716
Lu-174m	4.9850	5.7711	21.4757	15.5646
Lu-176	6.1220	5.3519	14.7989	12.1930
Lu-176m	1.0328	1.2362	4.5739	3.1115
Lu-177	0.7503	0.6841	1.8649	1.5860
Lu-177m	14.1951	12.5959	32.5085	28.9086
Lu-178	0.7989	0.8453	2.7895	2.1416
Lu-178m	11.0468	9.6282	21.4734	20.2037
Lu-179	0.3383	0.2577	0.5889	0.5216
Lu-180	4.9658	4.3013	9.8017	9.9710
Lu-181	5.0208	4.8845	15.8390	12.3802
Mg-27	1.7949	1.2312	2.0837	3.1259
Mg-28	4.4928	3.0188	4.8291	6.7891
Mn-50m	5.8474	4.1254	6.7734	10.2329
Mn-51	0.0278	0.0360	0.1663	0.0972
Mn-52	5.6852	4.3962	9.8592	10.8886
Mn-52m	1.6980	1.2707	2.0473	2.7714
Mn-53	0.6384	1.0146	5.3175	2.7702
Mn-54	2.4079	2.2244	7.5570	5.8497
Mn-56	2.4586	1.7213	2.9495	4.1944
Mn-57	1.9216	2.4238	9.0923	5.8034
Mn-58m	3.9027	2.7752	4.5902	6.6441
Mo-101	3.5806	2.8499	6.1976	6.3315
Mo-102	0.2505	0.1889	0.4349	0.3169
Mo-89	0.4733	0.3805	0.6864	0.9094
Mo-90	8.4293	8.0714	16.5374	15.8461
Mo-91m	1.8860	1.4366	2.5717	3.4053
Mo-91	0.2194	0.2485	0.5343	0.5205
Mo-93	3.1409	3.6467	7.9422	7.6535

Nuclide	avg400	ctr400	mid400	cnr400
Mo-93m	5.7247	4.5239	9.5162	9.8288
Mo-99	0.7859	0.6201	1.3005	1.2418
N-13	0.0000	0.0000	0.0000	0.0000
N-16	1.0573	0.8320	1.2040	1.9717
Na-22	1.7121	1.2460	1.7032	3.2855
Na-24	3.2263	2.4021	3.4784	5.6891
Nb-87	5.1573	4.7708	9.5087	9.3158
Nb-88m	6.5660	4.8694	7.3513	11.0141
Nb-88	9.8686	8.2035	14.2033	18.1380
Nb-89	1.3142	1.3300	2.7008	2.9253
Nb-89m	2.1865	1.8180	3.5810	3.8787
Nb-90	7.7555	6.8882	12.8253	14.6249
Nb-91	3.1614	3.8049	8.5193	8.2668
Nb-91m	2.7129	3.1355	6.8535	6.6127
Nb-92	6.5978	6.0872	12.2480	13.8473
Nb-92m	4.9999	5.0789	10.4869	11.5031
Nb-93m	0.6048	0.7211	1.7849	1.5576
Nb-94m	2.1519	2.5004	5.5250	5.2679
Nb-94	3.5208	2.3925	4.3334	6.1356
Nb-95	1.7653	1.1989	2.3369	3.0615
Nb-95m	2.6695	2.8449	6.4128	5.8939
Nb-96	5.6261	3.9166	6.7628	9.4009
Nb-97	1.7899	1.1997	2.2223	3.1239
Nb-98m	5.5497	3.8761	7.0176	9.4143
Nb-99	5.5321	4.9105	8.9374	8.6249
Nb-99m	1.4882	1.1898	2.1036	2.5170
Nd-134	5.4376	3.7473	9.6886	7.9981
Nd-135	6.0255	4.3804	10.0320	9.7626
Nd-136	5.9211	4.1940	9.6434	10.0676
Nd-137	5.7065	4.0541	8.5162	9.5926
Nd-138	2.8247	1.9188	4.7227	4.9317
Nd-139	2.4733	1.7052	3.9048	4.2602
Nd-139m	7.9179	5.4903	10.7434	13.2314
Nd-140	2.6554	1.8077	4.5391	4.6981
Nd-141	2.6773	1.8170	4.5032	4.7153
Nd-141m	1.8384	1.2528	2.5185	3.2048
Nd-144	0.0000	0.0000	0.0000	0.0000
Nd-147	2.7467	2.0627	3.9098	4.3822
Nd-149	3.9197	2.8744	5.9712	5.9161
Nd-151	4.2663	3.1460	5.4766	6.3973

Nuclide	avg400	ctr400	mid400	cnr400
Nd-152	1.7880	1.5357	4.5736	3.3743
Ne-19	0.0004	0.0003	0.0003	0.0005
Ne-24	1.8563	1.3513	2.0369	2.5520
Ni-56	7.5215	6.2239	21.1931	13.6999
Ni-57	2.7499	2.6024	7.4068	6.0925
Ni-59	1.1069	1.7591	9.2199	4.8032
Ni-63	0.0000	0.0000	0.0000	0.0000
Ni-65	0.7801	0.5734	0.8517	1.2577
Ni-66	0.0000	0.0000	0.0000	0.0000
Np-232	10.1622	9.9352	25.1171	21.9103
Np-233	4.4624	4.6220	11.7336	9.9309
Np-234	6.5181	6.7773	17.6793	14.7637
Np-235	2.1931	2.9404	9.9483	6.8250
Np-236	10.8555	12.3563	36.1773	26.8642
Np-236m	2.6318	2.8163	7.4115	6.0982
Np-237	4.3509	5.2001	15.4462	11.4786
Np-238	3.0276	3.2187	8.6403	7.3453
Np-239	6.5299	6.7545	18.5096	14.6638
Np-240	9.1633	9.4759	25.4679	20.7586
Np-240m	2.6144	2.8065	7.9022	6.2499
Np-241	1.7165	1.7763	4.6234	3.7768
Np-242	0.7073	0.6640	1.6400	1.5267
Np-242m	8.2787	8.8194	25.2359	19.4567
O-14	1.5653	1.1635	1.6211	2.7468
O-15	0.0000	0.0000	0.0000	0.0000
O-19	3.2510	2.2920	3.9734	4.4476
Os-180	5.4045	6.4106	22.1326	17.4919
Os-181	9.1914	9.1459	26.9817	24.6407
Os-182	6.6233	6.9374	22.7710	18.4244
Os-183	9.3140	9.7181	26.9125	25.7717
Os-183m	5.1426	5.2551	15.0575	14.9060
Os-185	5.0680	5.0626	14.9235	14.4080
Os-186	0.0000	0.0000	0.0000	0.0000
Os-189m	1.0445	1.6542	8.5306	4.4872
Os-190m	9.0781	7.9680	22.6164	18.3267
Os-191	4.7892	5.8615	20.2323	15.3424
Os-191m	1.3690	2.0074	9.3835	5.5402
Os-193	1.3005	1.4755	4.8094	3.7241
Os-194	1.1057	1.5853	7.4274	4.1808
Os-196	1.1703	1.1949	3.1117	2.9732

Nuclide	avg400	ctr400	mid400	cnr400
P-30	0.0013	0.0010	0.0019	0.0024
P-32	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000
Pa-227	2.0901	2.5287	7.4290	5.8758
Pa-228	11.2247	11.8932	31.5787	26.1188
Pa-229	4.1516	4.6373	12.4693	9.9066
Pa-230	6.7374	7.2033	18.9056	15.7916
Pa-231	3.9472	5.1125	17.4557	11.9221
Pa-232	5.3986	5.4936	14.5074	12.2594
Pa-233	5.3546	5.7357	15.7719	12.5280
Pa-234	10.8864	11.0106	28.8138	24.3325
Pa-234m	0.0853	0.0854	0.2202	0.1944
Pa-235	0.3749	0.5952	3.1054	1.6222
Pa-236	3.7337	3.7547	9.8705	8.6045
Pa-237	1.8403	1.5278	4.1268	3.7529
Pb-194	7.6988	8.0085	20.8114	17.4915
Pb-195m	10.1747	10.7141	28.0704	23.3344
Pb-196	7.2589	7.7475	21.2109	16.7843
Pb-197	6.7106	6.8396	16.2177	14.7938
Pb-197m	9.1298	9.6394	25.3108	20.6982
Pb-198	7.0227	7.5118	20.6557	16.1938
Pb-199	6.0005	6.2743	15.5756	13.5782
Pb-200	7.0252	7.9573	23.4263	17.1808
Pb-201	6.8266	6.9640	17.5041	15.1853
Pb-201m	2.5414	2.5730	6.7155	5.7794
Pb-202	1.0999	1.7211	8.3815	4.5639
Pb-202m	6.4634	5.5231	11.3385	12.1400
Pb-203	5.9885	6.3919	17.9427	13.9131
Pb-204m	5.5240	4.2715	7.1226	9.4122
Pb-205	1.1133	1.7420	8.4825	4.6193
Pb-209	0.0000	0.0000	0.0000	0.0000
Pb-210	1.4437	2.0612	8.2338	5.1159
Pb-211	0.2437	0.2136	0.3996	0.4262
Pb-212	2.7768	2.8536	7.6412	5.5650
Pb-214	2.7272	2.6961	6.8373	5.4289
Pd-100	9.2012	9.1798	17.4513	14.6727
Pd-101	6.8432	6.7926	15.7933	11.7475
Pd-103	3.2061	3.3489	7.8999	5.6290
Pd-107	0.0000	0.0000	0.0000	0.0000
Pd-109m	2.4791	2.1329	5.0181	3.5792

Nuclide	avg400	ctr400	mid400	cnr400
Pd-109	1.5741	1.6758	4.2151	2.8129
Pd-111	0.1592	0.1286	0.2273	0.2707
Pd-112	1.3454	1.5032	3.6159	2.9238
Pd-114	0.3291	0.2644	0.4572	0.4228
Pd-96	6.4227	5.5441	9.9307	10.0305
Pd-97	4.5853	3.6726	7.8709	7.3113
Pd-98	6.9362	6.3180	12.4555	11.3038
Pd-99	5.3146	4.6285	9.1746	7.8626
Pm-136	5.7053	4.1004	6.6064	8.9349
Pm-137m	8.1984	5.8271	12.1977	12.4462
Pm-139	1.6122	1.1874	2.3073	2.6472
Pm-140m	6.4479	4.6876	7.5927	10.6355
Pm-140	0.5906	0.4158	0.8924	1.0136
Pm-141	1.6721	1.1850	2.7122	2.9633
Pm-142	0.7057	0.5014	1.1896	1.2407
Pm-143	3.3524	2.3571	5.5689	5.9969
Pm-144	7.0534	4.8696	10.0436	12.0881
Pm-145	2.7562	2.0182	5.1055	5.1146
Pm-146	3.9574	2.8369	5.6535	6.5298
Pm-147	0.0002	0.0001	0.0002	0.0002
Pm-148	1.0181	0.7153	1.2031	1.6198
Pm-148m	6.1420	4.2507	7.5874	9.9864
Pm-149	0.0855	0.0655	0.1847	0.1429
Pm-150	3.3144	2.3547	3.5859	5.2114
Pm-151	3.1394	2.3495	5.2086	5.0348
Pm-152m	6.4876	4.8544	9.6646	10.1341
Pm-152	1.2829	0.9824	1.6752	2.0791
Pm-153	2.3558	1.9036	4.0698	3.8238
Pm-154	3.6092	2.8302	5.5136	6.4381
Pm-154m	6.3158	4.8515	10.2011	10.2906
Po-203	7.8228	7.9895	19.7440	16.7319
Po-204	12.4581	13.9179	39.6425	29.9452
Po-205	7.4264	7.5299	18.3702	15.7665
Po-206	9.6486	10.4951	29.4544	22.6102
Po-207	6.7352	6.8420	16.2251	14.2326
Po-208	0.0002	0.0002	0.0007	0.0005
Po-209	0.1025	0.1340	0.5711	0.3329
Po-210	0.0000	0.0000	0.0000	0.0000
Po-211	0.0206	0.0145	0.0263	0.0352
Po-212m	0.0769	0.0558	0.0904	0.1308

Nuclide	avg400	ctr400	mid400	cnr400
Po-212	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0001	0.0001	0.0002
Po-214	0.0002	0.0001	0.0003	0.0003
Po-215	0.0007	0.0006	0.0009	0.0010
Po-216	0.0000	0.0000	0.0000	0.0001
Po-218	0.0000	0.0000	0.0000	0.0000
Pr-134	8.2131	5.8978	9.6706	12.6558
Pr-134m	3.6931	2.7996	4.0903	5.5469
Pr-135	4.3025	2.9569	6.4375	6.7726
Pr-136	4.4804	3.0396	5.7706	7.1926
Pr-137	2.2490	1.4734	3.6515	3.8497
Pr-138	0.7553	0.4935	1.2231	1.3033
Pr-138m	7.9313	5.3583	10.6146	13.1680
Pr-139	2.5154	1.6359	4.1615	4.3489
Pr-140	1.3423	0.8724	2.2177	2.3174
Pr-142	0.0617	0.0465	0.0814	0.0832
Pr-142m	0.0502	0.0798	0.4184	0.2180
Pr-143	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0400	0.0280	0.0480	0.0686
Pr-144m	1.2386	1.0190	3.3923	2.6894
Pr-145	0.0750	0.0544	0.1032	0.1341
Pr-146	1.8802	1.3889	2.1214	2.8339
Pr-147	5.3805	3.9927	8.2091	8.9557
Pr-148	2.5444	1.7516	3.1855	3.9448
Pr-148m	3.8091	2.6525	4.8456	5.5228
Pt-184	14.0137	15.3163	48.4850	39.7732
Pt-186	6.7891	7.1657	21.4013	19.4963
Pt-187	8.7712	9.5934	29.1717	25.6625
Pt-188	6.3879	7.2345	23.1499	19.2570
Pt-189	8.3760	9.4005	29.4420	25.3707
Pt-190	0.0000	0.0000	0.0000	0.0000
Pt-191	7.6963	8.7964	26.9876	23.7471
Pt-193	1.1535	1.8118	8.9829	4.8382
Pt-193m	1.8157	2.6006	11.3849	6.9283
Pt-195m	6.0857	7.7818	28.8774	20.3809
Pt-197	1.6936	2.2275	8.0881	5.0498
Pt-197m	4.0001	5.1957	19.4693	13.5237
Pt-199	1.1739	1.0407	2.7947	2.3206
Pt-200	2.7309	3.3260	11.1818	7.8663
Pt-202	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Pu-232	3.3440	3.4341	8.6649	7.3856
Pu-234	3.8978	4.0865	10.6072	8.8415
Pu-235	5.3755	5.7467	15.2981	12.5100
Pu-236	0.7022	0.9158	2.8817	2.0708
Pu-237	4.0112	4.5215	12.8035	10.0759
Pu-238	0.6482	0.8464	2.6660	1.9149
Pu-239	0.3473	0.4740	1.7371	1.1272
Pu-240	0.6098	0.7959	2.5058	1.8001
Pu-241	0.0001	0.0001	0.0004	0.0003
Pu-242	0.5228	0.6824	2.1487	1.5436
Pu-243	1.4825	1.6327	3.7516	2.9724
Pu-244	0.4727	0.5941	1.8285	1.3403
Pu-245	2.9933	2.6243	5.6617	5.5235
Pu-246	5.5468	5.4086	13.6357	11.3487
Ra-219	1.9321	1.7725	4.0027	3.4879
Ra-220	0.0187	0.0146	0.0232	0.0266
Ra-221	2.0493	2.4688	8.0618	5.3882
Ra-222	0.0645	0.0488	0.0901	0.0970
Ra-223	3.7919	4.1199	11.3305	8.1019
Ra-224	0.1187	0.1023	0.2996	0.2045
Ra-225	1.7252	1.7018	4.5360	4.0040
Ra-226	1.7715	1.9913	2.2259	2.1485
Ra-227	4.3854	5.1568	16.2873	11.5901
Ra-228	1.7887	2.0121	2.1993	2.1381
Ra-230	1.9696	2.1233	5.7031	4.6858
Rb-77	3.9091	3.6075	7.2318	8.9964
Rb-78m	4.5585	3.3802	5.3537	7.3767
Rb-78	3.4461	2.7665	4.8575	6.0556
Rb-79	4.5827	4.3186	11.4205	8.7895
Rb-80	0.5568	0.4055	0.8302	1.0260
Rb-81	2.6293	3.3005	9.8678	7.4242
Rb-81m	2.2392	3.0443	8.5957	6.7357
Rb-82	0.4038	0.3674	0.9471	0.8951
Rb-82m	7.8726	6.9737	16.8423	16.7164
Rb-83	4.2010	4.9031	14.7966	11.2665
Rb-84	3.0229	3.4481	10.0182	8.2018
Rb-84m	3.3815	3.0502	8.0899	6.2171
Rb-86m	1.7619	1.2192	2.2599	2.7796
Rb-86	0.1541	0.1082	0.1455	0.2803
Rb-87	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Rb-88	0.6772	0.4889	0.7668	1.1227
Rb-89	2.9289	2.0831	2.9622	5.2903
Rb-90	1.5395	1.1074	1.8024	2.7299
Rb-90m	3.6231	2.6190	4.4519	6.3784
Re-178	6.5745	6.4777	19.6259	17.0795
Re-179	7.8145	7.6123	21.2820	19.3203
Re-180	7.1004	7.1090	21.3552	19.5605
Re-181	8.3326	8.5307	24.7992	22.6754
Re-182	16.0083	15.6869	46.1139	40.9802
Re-182m	8.7014	8.8834	25.0553	24.5094
Re-183	7.6812	8.5656	29.7105	23.4200
Re-184	6.3980	6.3994	18.9451	17.6222
Re-184m	6.4889	7.0795	24.3054	19.1342
Re-186	0.7944	0.8599	2.6842	2.1646
Re-186m	3.6153	5.1548	24.1534	14.1200
Re-187	0.0000	0.0000	0.0000	0.0000
Re-188	0.7712	0.7216	2.5078	1.6544
Re-188m	5.0358	6.1054	22.2572	17.3448
Re-189	0.9131	0.9244	3.1810	2.2592
Re-190	6.1227	4.7829	10.2205	10.3335
Re-190m	6.2084	5.7105	15.2710	13.8590
Rh-100m	4.5731	4.6129	10.6665	7.9950
Rh-100	7.1866	6.2287	12.4056	12.4446
Rh-101	7.4310	6.7687	12.7294	11.4416
Rh-101m	4.9704	4.6181	10.1801	8.5020
Rh-102	3.1199	2.9592	6.2348	5.4423
Rh-102m	8.8102	7.3791	14.3698	15.2040
Rh-103m	0.4175	0.4762	1.4659	0.9265
Rh-104	0.0521	0.0411	0.0814	0.0860
Rh-104m	4.7180	4.4762	9.2437	8.1128
Rh-105	0.4980	0.3356	0.5701	0.6716
Rh-106	0.6015	0.4083	0.7194	0.9249
Rh-106m	6.6089	4.6836	7.7405	10.4360
Rh-107	1.9135	1.3412	2.4799	2.6140
Rh-108	1.1304	0.8623	1.1957	1.6098
Rh-109	2.4674	1.8741	3.6299	3.4124
Rh-94	4.2076	3.0505	4.8637	6.9061
Rh-95	3.5802	2.8723	5.2048	6.3484
Rh-95m	2.0236	1.5127	2.9023	3.2127
Rh-96	7.6807	5.6482	10.6744	13.4625

Nuclide	avg400	ctr400	mid400	cnr400
Rh-96m	2.8206	2.4882	5.3035	4.9503
Rh-97	3.5153	3.1373	5.5692	5.7436
Rh-97m	6.1679	5.3796	11.0862	10.2656
Rh-98	2.3170	1.6966	3.2329	4.0846
Rh-99	7.3246	6.9662	14.1590	12.4073
Rh-99m	5.2074	4.8187	9.9034	8.9937
Rn-207	5.6699	5.4987	12.3356	10.7837
Rn-209	6.3540	6.3331	14.0686	12.1982
Rn-210	0.5153	0.5425	1.4246	1.1220
Rn-211	7.5802	7.2266	17.1045	15.2573
Rn-212	0.0009	0.0006	0.0012	0.0016
Rn-215	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0023	0.0016	0.0030	0.0039
Rn-219	0.4448	0.3883	0.8973	0.7181
Rn-220	1.8568	2.0692	2.1207	2.3998
Rn-222	0.0014	0.0010	0.0018	0.0020
Rn-223	3.9648	4.4972	13.9226	10.1381
Ru-103	1.7558	1.2188	2.1326	2.4605
Ru-105	2.9878	2.2960	4.4184	4.7389
Ru-106	0.0000	0.0000	0.0000	0.0000
Ru-107	1.1088	0.8131	1.4167	1.6669
Ru-108	1.3434	1.0965	3.0929	1.7681
Ru-92	14.2727	12.7170	26.9399	24.0261
Ru-94	5.1326	5.0100	9.9714	9.4403
Ru-95	5.7585	5.1606	10.1825	10.4009
Ru-97	5.5384	5.2185	11.5530	9.8159
S-35	0.0000	0.0000	0.0000	0.0000
S-37	1.4252	1.0839	1.5587	2.5774
S-38	1.4092	1.0380	1.5118	2.3606
Sb-111	3.8441	2.9810	7.6418	5.2095
Sb-113	2.9728	2.4180	5.0316	4.4752
Sb-114	3.2347	2.5064	4.3611	5.7544
Sb-115	3.5537	3.0651	6.9786	5.5223
Sb-116	3.4647	2.8993	5.7239	6.2226
Sb-116m	10.2687	8.5011	16.3206	16.8328
Sb-117	5.1026	4.5598	13.6007	7.3538
Sb-118	0.7792	0.7839	2.0099	1.3542
Sb-118m	10.9627	9.1893	20.9278	18.5085

Nuclide	avg400	ctr400	mid400	cnr400
Sb-119	3.3645	3.5756	9.8671	6.1242
Sb-120	1.6024	1.6493	4.3294	2.7732
Sb-120m	11.2624	9.3228	17.2221	17.5289
Sb-122m	5.1185	4.9779	11.3042	11.5176
Sb-122	1.4081	0.9719	1.8062	2.2268
Sb-124	3.2786	2.2784	4.0009	5.3230
Sb-124m	1.4669	1.1145	2.7650	2.7237
Sb-124n	0.1752	0.2784	1.4588	0.7600
Sb-125	3.4871	2.7650	6.0788	5.4742
Sb-126	7.6918	5.4334	9.2199	12.6329
Sb-126m	4.6237	3.3827	5.4718	7.4547
Sb-127	2.2960	1.6445	3.1527	3.6916
Sb-128	8.6164	5.8399	10.7184	14.0972
Sb-128m	5.6377	3.8029	7.0998	9.0799
Sb-129	2.9361	2.0419	3.5446	4.8608
Sb-130m	6.5852	4.5829	8.7652	10.7874
Sb-130	9.6088	6.7041	12.9457	14.8228
Sb-131	3.6835	2.5870	4.2186	6.2409
Sb-133	3.7586	2.6958	4.1365	6.4105
Sc-42m	5.1200	3.8720	5.4691	8.0015
Sc-43	0.4410	0.3816	0.6766	0.6856
Sc-44	1.7850	1.2870	1.8412	3.3809
Sc-44m	1.8213	1.3127	3.8234	2.7035
Sc-46	3.5455	2.4683	3.7138	6.3696
Sc-47	1.6802	1.1686	4.2914	1.7506
Sc-48	5.4861	3.8679	5.5296	9.7532
Sc-49	0.0010	0.0007	0.0012	0.0015
Sc-50	4.9960	3.5599	5.7014	7.8342
Se-70	6.3575	7.8111	31.0579	19.0454
Se-71	2.3353	1.8147	4.5037	3.5751
Se-72	5.0919	6.4034	26.4487	16.2604
Se-73	5.0997	5.3231	13.9286	13.2475
Se-73m	0.9222	1.1872	4.5917	2.9189
Se-75	6.5866	7.0706	25.3927	15.7520
Se-77m	2.3829	2.5598	10.4126	5.5741
Se-79m	2.1597	3.0981	12.8598	7.7267
Se-79	0.0000	0.0000	0.0000	0.0000
Se-81	0.0365	0.0252	0.0591	0.0541
Se-81m	2.2537	3.1446	12.9055	7.8614
Se-83m	1.7709	1.2565	1.8323	2.9497

Nuclide	avg400	ctr400	mid400	cnr400
Se-83	6.0452	4.3263	7.2190	9.2855
Se-84	1.7581	1.4951	1.5516	2.2746
Si-31	0.0012	0.0009	0.0012	0.0023
Si-32	0.0000	0.0000	0.0000	0.0000
Sm-139	3.7082	2.6201	5.8083	5.9192
Sm-140	3.6469	2.7025	6.0594	6.2559
Sm-141	3.3748	2.6067	4.3604	5.3336
Sm-141m	7.1361	5.1417	9.9917	11.3189
Sm-142	2.5322	1.8705	4.5166	4.6401
Sm-143	1.5639	1.1533	2.7411	2.8557
Sm-143m	1.8554	1.2820	2.5903	3.2575
Sm-145	5.2096	3.9145	9.1632	10.0044
Sm-146	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0056	0.0081	0.0382	0.0205
Sm-153	3.2227	2.4853	5.1038	5.6984
Sm-155	2.8520	2.0149	2.9770	4.1222
Sm-156	2.6943	2.4034	6.5221	4.8429
Sm-157	3.5215	2.6039	4.8416	5.1379
Sn-106	6.5377	5.7318	12.3173	10.3109
Sn-108	6.7010	5.9589	13.4902	10.2517
Sn-109	5.5574	4.8521	10.0952	9.3879
Sn-110	4.6866	4.2355	10.8297	7.4369
Sn-111	2.1713	2.2074	5.4978	3.7359
Sn-113	2.7727	2.9046	7.4851	4.7779
Sn-113m	1.8847	1.9837	5.4036	3.3780
Sn-117m	4.6362	4.0818	12.5467	6.6016
Sn-119m	2.2809	2.5059	7.2926	4.4179
Sn-121	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.7092	0.7158	2.2602	1.4534
Sn-123	0.0114	0.0080	0.0108	0.0207
Sn-123m	2.4967	1.8356	6.2921	2.8667
Sn-125m	1.9674	1.3759	2.0977	2.6381
Sn-125	0.5862	0.4111	0.6170	1.0161
Sn-126	3.1506	3.0610	6.7057	5.6081
Sn-127m	1.7128	1.2036	2.0168	2.3738
Sn-127	3.9230	2.8317	4.7736	6.4579
Sn-128	8.2985	7.3072	16.3505	13.3282
Sn-129	2.3110	1.5814	2.7945	3.9883

Nuclide	avg400	ctr400	mid400	cnr400
Sn-130	6.7799	5.4953	11.3818	11.1312
Sn-130m	4.2068	3.4181	7.0078	6.8476
Sr-79	3.6196	3.3374	7.2028	7.0795
Sr-80	3.7273	4.3147	11.6948	9.5951
Sr-81	3.6239	2.9906	7.5041	5.4768
Sr-82	2.6415	3.7083	10.7427	8.3541
Sr-83	4.9841	6.0653	16.2063	13.5702
Sr-85	4.3494	4.9050	12.9475	10.8619
Sr-85m	2.6315	2.2336	6.4197	4.4412
Sr-87m	1.9353	1.8813	3.0494	3.3496
Sr-89	0.0002	0.0001	0.0002	0.0003
Sr-90	0.0000	0.0000	0.0000	0.0000
Sr-91	1.4620	1.0046	1.6611	2.5525
Sr-92	1.7684	1.3036	2.0103	3.0034
Sr-93	5.2073	3.9011	7.6498	8.9685
Sr-94	1.7593	1.2930	2.0515	2.8873
Ta-170	3.6925	3.6109	11.1208	9.4912
Ta-172	7.3075	6.7885	18.8640	17.3433
Ta-173	7.2487	7.5337	23.8474	20.1017
Ta-174	6.4842	6.3467	18.7276	16.1537
Ta-175	8.5203	8.1792	22.0969	21.0348
Ta-176	7.5528	7.2427	20.0790	18.7982
Ta-177	3.8138	4.0065	12.0549	11.0791
Ta-178	3.9877	4.2530	13.1786	11.7473
Ta-178m	14.6785	13.3540	32.3673	30.4904
Ta-179	2.1393	2.4772	8.8650	6.9120
Ta-180	3.3219	3.5622	11.1158	9.8756
Ta-182	6.4415	6.1322	16.0255	16.1891
Ta-182m	8.4462	8.8935	31.7088	22.5377
Ta-183	7.8105	8.2313	28.0385	21.4793
Ta-184	8.8720	7.9949	21.8515	18.5786
Ta-185	4.3628	4.6835	16.9166	12.0748
Ta-186	7.9380	6.3582	14.6541	14.2023
Tb-146	4.2031	3.1757	5.6210	6.7785
Tb-147m	3.7110	2.9158	6.0999	6.7510
Tb-147	6.2874	4.7865	9.3699	11.0031
Tb-148m	9.5834	7.1638	13.0825	16.1656
Tb-148	4.3560	3.2082	6.4953	7.7003
Tb-149m	5.0355	3.7772	8.5933	9.1071
Tb-149	5.9544	4.5736	10.0600	9.9977

Nuclide	avg400	ctr400	mid400	cnr400
Tb-150m	10.0363	7.3417	14.5836	16.7868
Tb-150	5.4654	4.1099	8.5141	9.7984
Tb-151	8.5105	6.5903	14.9040	14.4592
Tb-151m	2.5499	3.0523	12.4905	7.6152
Tb-152m	7.7206	6.2640	15.7971	13.9303
Tb-152	5.3022	4.0757	8.3477	9.0799
Tb-153	6.2853	5.1351	12.6642	11.3806
Tb-154	6.5959	5.2122	10.6948	11.9626
Tb-155	6.6253	5.4826	12.7480	11.6212
Tb-156	9.4775	7.4328	16.0941	16.6249
Tb-156m	2.4606	1.9266	3.2937	4.0075
Tb-156n	0.7462	1.0055	4.6707	2.6373
Tb-157	0.8148	1.0042	4.4087	2.6252
Tb-158	5.5253	4.6255	11.4578	10.6745
Tb-160	3.9042	3.1054	6.7905	7.1317
Tb-161	3.1823	3.2951	10.0180	7.1865
Tb-162	4.8705	3.7548	9.7316	8.2642
Tb-163	3.8148	2.9553	5.1378	5.6920
Tb-164	7.9812	6.1056	14.0343	13.8592
Tb-165	1.8142	1.5328	3.9466	3.6392
Tc-101	2.1198	1.4459	2.7043	2.8962
Tc-102m	4.4083	3.1648	4.9450	6.9512
Tc-102	0.2050	0.1474	0.2292	0.3073
Tc-104	4.3208	3.1686	4.8509	6.4025
Tc-105	4.4451	3.5429	7.0926	6.5193
Tc-91	1.7312	1.3604	2.3274	2.9536
Tc-91m	1.2651	0.9286	1.6695	1.9404
Tc-92	8.4124	6.4625	12.8090	12.4873
Tc-93	4.6362	4.5622	9.2499	9.4212
Tc-93m	2.7617	2.6346	4.5449	4.8982
Tc-94	8.5313	7.1461	14.2175	16.3046
Tc-94m	3.0182	2.5197	4.8316	5.7311
Tc-95	5.0523	4.8995	10.4871	10.4510
Tc-95m	6.0579	5.6017	11.6984	11.4059
Tc-96	8.6201	7.3360	14.9125	16.6238
Tc-96m	1.7645	1.9221	4.4603	3.7230
Tc-97	3.1226	3.5231	7.8175	7.0339
Tc-97m	2.3883	2.6280	6.0158	4.9985
Tc-98	3.5986	2.4230	4.5904	6.2629
Tc-99	0.0000	0.0000	0.0001	0.0001

Nuclide	avg400	ctr400	mid400	cnr400
Tc-99m	2.6343	2.1588	4.3463	3.2425
Te-113	2.1452	1.5988	2.7940	3.7088
Te-114	6.1867	5.4157	12.7753	10.3959
Te-115	3.7109	2.8589	5.7067	6.2836
Te-115m	4.2320	3.2722	6.4459	7.2337
Te-116	5.3000	4.8370	11.6720	8.6586
Te-117	3.9768	3.2714	7.3985	6.7930
Te-118	2.6056	2.4874	6.6262	4.4761
Te-119	4.4422	3.7243	8.8834	7.6486
Te-119m	6.9399	5.6129	13.9112	10.8665
Te-121	4.4556	3.7599	8.9715	7.3552
Te-121m	3.8761	3.1538	7.9622	6.0515
Te-123	0.1563	0.2455	1.2756	0.6663
Te-123m	3.9002	3.0978	10.1239	5.5092
Te-125m	4.4268	3.8254	10.3772	7.6395
Te-127	0.0265	0.0215	0.0299	0.0368
Te-127m	1.4425	1.3169	3.8859	2.7103
Te-129	0.9420	0.9054	2.8517	1.9237
Te-129m	1.1136	0.9884	2.8030	2.0249
Te-131	3.0168	2.2261	5.4029	3.8675
Te-131m	4.7725	3.4756	6.8680	7.6701
Te-132	5.0779	3.8119	9.3947	7.7122
Te-133	3.1506	2.2449	3.5184	4.7251
Te-133m	5.1344	3.7006	7.0899	8.3003
Te-134	5.2498	3.9629	7.8090	7.5342
Th-223	3.8827	4.3700	12.0614	9.0811
Th-224	0.4741	0.4589	1.3392	0.9192
Th-226	0.5826	0.7051	2.1445	1.5878
Th-227	4.7836	5.6724	17.8649	12.8582
Th-228	0.5997	0.7993	2.6147	1.8412
Th-229	7.0378	8.5622	26.5171	18.9855
Th-230	2.7617	3.0386	2.9664	3.3582
Th-231	5.0195	6.4711	20.5451	14.4053
Th-232	1.6833	1.8971	2.1078	2.0801
Th-233	1.1860	1.4509	5.1520	3.3860
Th-234	0.9202	1.0933	3.1047	2.6034
Th-235	0.2364	0.1998	0.4178	0.4287
Th-236	0.7462	0.8017	2.1664	1.7408
Ti-44	5.7511	5.9138	8.8364	11.5641
Ti-45	0.0581	0.0873	0.4432	0.2368

Nuclide	avg400	ctr400	mid400	cnr400
Ti-51	1.9681	1.3062	2.0650	2.6794
Ti-52	3.7946	3.6220	6.2098	6.3095
Tl-190	3.5580	3.4508	7.3961	7.2455
Tl-190m	8.4306	7.3134	15.6658	16.3239
Tl-194	4.3510	4.4718	10.8062	9.8164
Tl-194m	12.0701	11.1644	27.4218	25.3591
Tl-195	7.1211	7.9548	24.5678	19.0121
Tl-196	6.5504	6.4860	15.1790	14.2135
Tl-197	5.6993	6.3532	17.6690	14.5263
Tl-198	7.2376	7.2282	16.9243	15.9591
Tl-198m	8.9657	9.0993	25.1651	20.6554
Tl-199	5.6683	6.3651	18.3313	14.5539
Tl-200	7.0024	7.0069	16.8860	15.7194
Tl-201	5.2053	6.2565	19.3867	14.6215
Tl-202	5.3094	5.7555	14.7302	12.6142
Tl-204	0.0871	0.1084	0.3446	0.2579
Tl-206m	10.6735	8.6590	19.7781	18.5966
Tl-206	0.0040	0.0047	0.0128	0.0098
Tl-207	0.0050	0.0035	0.0062	0.0089
Tl-208	4.2105	3.1589	5.7369	7.2979
Tl-209	6.6389	5.4964	8.9149	9.8706
Tl-210	6.8381	5.7013	13.6372	13.2905
Tm-161	11.8127	10.4068	26.2751	23.5489
Tm-162	5.2887	4.4797	10.8997	10.6560
Tm-163	9.2225	7.9836	19.1969	18.6008
Tm-164	2.8495	2.6057	6.9623	6.1253
Tm-165	7.2998	6.2941	16.4071	14.5057
Tm-166	7.9502	6.9076	17.5199	16.1409
Tm-167	5.2881	4.9375	14.4210	11.6776
Tm-168	8.8706	7.5304	19.0829	17.0031
Tm-170	0.2948	0.3400	1.1837	0.8062
Tm-171	0.0468	0.0491	0.1530	0.1293
Tm-172	1.5860	1.6003	4.8831	3.7045
Tm-173	2.0857	1.8731	2.8096	3.3353
Tm-174	9.4259	7.7462	19.5593	16.6493
Tm-175	3.6790	2.8567	5.9572	6.6076
Tm-176	6.8594	5.8266	14.0591	12.9907
U-227	3.6932	3.9750	11.2735	8.5343
U-228	0.6670	0.8417	2.5831	1.9020
U-230	0.7433	0.9804	3.1051	2.2571

Nuclide	avg400	ctr400	mid400	cnr400
U-231	8.8592	10.6839	31.5204	23.4541
U-232	0.7016	0.9341	2.9889	2.1627
U-233	0.3626	0.4875	1.6128	1.1366
U-234	3.2355	3.4035	3.5225	3.7425
U-235	2.5224	2.7094	2.8121	3.1894
U-235m	0.0000	0.0000	0.0000	0.0000
U-236	0.5794	0.7740	2.4874	1.7905
U-237	7.1663	7.6906	20.7907	17.8197
U-238	1.6455	1.7776	2.1151	2.1220
U-239	2.4010	2.6012	5.1082	5.0087
U-240	1.8620	2.3794	7.6673	5.4150
U-242	0.7222	0.6883	1.3741	1.7140
V-47	0.0267	0.0323	0.1435	0.0817
V-48	3.8773	2.9391	5.4418	7.5303
V-49	0.4325	0.6874	3.6028	1.8769
V-50	2.0325	1.8075	5.1673	3.9836
V-52	1.6945	1.2562	1.9696	2.7469
V-53	1.8243	1.2688	1.7218	3.2349
W-177	11.5651	11.5524	32.9577	29.7383
W-178	1.6802	2.1507	8.7673	6.0057
W-179	4.7274	5.2641	18.6179	14.7169
W-179m	2.8068	3.1669	10.5471	8.9666
W-181	3.0014	3.3943	11.2762	9.6523
W-185m	2.9491	4.1835	19.5315	11.2699
W-185	0.0024	0.0026	0.0071	0.0069
W-187	2.8768	2.6266	6.2554	6.6440
W-188	0.0287	0.0284	0.0923	0.0744
W-190	6.1411	6.5544	21.5328	17.9760
Xe-120	6.7948	5.6559	13.7415	11.2098
Xe-121	4.0293	3.0821	6.7783	6.2935
Xe-122	3.1298	2.4592	6.3623	5.1615
Xe-123	4.7872	3.6345	9.4075	7.0565
Xe-125	6.0381	4.5880	11.7389	9.3957
Xe-127	5.8330	4.3975	10.5703	8.6156
Xe-127m	4.7161	3.5992	7.2445	6.5166
Xe-129m	4.9108	3.5598	9.5017	8.2563
Xe-131m	2.0859	1.5626	4.4951	3.6431
Xe-133	2.8859	2.2610	4.2728	4.1505
Xe-133m	2.2593	1.6629	4.6340	3.8225
Xe-135	2.0467	1.4569	4.6336	2.9634

Nuclide	avg400	ctr400	mid400	cnr400
Xe-135m	1.8763	1.2920	2.6353	2.8355
Xe-137	0.6069	0.4596	0.6402	0.8310
Xe-138	2.6204	2.1667	5.8006	4.6227
Y-81	4.5531	4.8261	9.4868	8.8059
Y-83	3.4173	3.5789	8.6310	8.1383
Y-83m	2.5396	2.4306	6.1229	5.0369
Y-84m	5.9995	4.3237	7.3972	10.7376
Y-85	2.2024	2.1380	4.9546	4.6755
Y-85m	2.5612	2.5808	6.2310	5.7676
Y-86	7.5892	6.5944	13.2886	15.4937
Y-86m	2.4209	1.8307	3.9128	3.4877
Y-87	4.4357	4.9508	12.1461	10.7327
Y-87m	1.9964	1.9135	3.1277	3.5014
Y-88	6.1832	6.2004	14.1102	14.0987
Y-89m	1.7963	1.2479	2.0364	3.1692
Y-90	0.0004	0.0004	0.0010	0.0010
Y-90m	4.1708	3.1258	5.6224	5.8734
Y-91	0.0045	0.0032	0.0044	0.0086
Y-91m	1.8099	1.3063	2.4653	2.9625
Y-92	0.4680	0.3302	0.5125	0.7858
Y-93	0.2517	0.1805	0.4254	0.3900
Y-94	1.3855	0.9653	1.5078	2.3901
Y-95	1.0056	0.7339	1.0681	1.7350
Yb-162	6.1250	5.4855	15.0524	12.1691
Yb-163	4.6374	4.5433	13.7108	11.3080
Yb-164	3.2270	3.0703	8.5352	7.4905
Yb-165	8.2067	8.5982	26.5921	20.1656
Yb-166	6.0159	5.7857	15.5923	13.6103
Yb-167	11.6028	10.9605	30.7663	25.7761
Yb-169	12.6552	11.7279	30.7518	28.9007
Yb-175	0.3964	0.3524	0.7578	0.7589
Yb-177	1.4909	1.2715	3.2853	2.8323
Yb-178	0.2504	0.2270	0.4881	0.4551
Yb-179	3.8457	2.9025	5.9095	6.8409
Zn-60	2.5304	2.0252	4.2899	5.6281
Zn-61	0.7865	0.5933	1.0685	1.2643
Zn-62	3.5149	3.8087	15.3708	9.7981
Zn-63	0.4073	0.3764	1.2361	0.9873
Zn-65	2.3587	2.9591	13.0466	8.0039
Zn-69	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Zn-69m	1.7142	1.4337	2.3207	2.5217
Zn-71	0.9513	0.6732	1.0642	1.3975
Zn-71m	5.3415	3.9369	5.8657	7.7774
Zn-72	4.9231	5.5004	21.4137	12.2806
Zr-85	1.7954	1.5176	2.4098	2.8900
Zr-86	8.3151	8.9747	22.4901	19.3171
Zr-87	0.6719	0.7819	1.8186	1.7547
Zr-88	4.7389	5.3070	10.8498	10.6713
Zr-89	4.1406	4.2046	9.2362	9.6777
Zr-89m	1.9557	1.4723	2.8355	3.4592
Zr-93	0.0000	0.0000	0.0000	0.0000
Zr-95	1.7479	1.1834	2.2831	3.0368
Zr-97	2.1298	1.4841	2.8129	3.6813

Table 22: Wood 5 cm Contamination Thickness for 10x10x10 ft and 50x50x10 ft rooms

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ac-223	3.8195	3.0065	3.6460	4.0689	2.7224	1.7687	4.0987	3.6010
Ac-224	18.8284	15.8711	18.2856	19.5055	15.3160	11.5834	21.5052	19.3959
Ac-225	5.6291	4.5979	5.4070	5.9454	4.0765	2.8217	6.5066	5.4131
Ac-226	7.8568	6.6777	7.5926	8.0928	6.4670	5.0571	9.3000	8.3908
Ac-227	1.7817	1.3674	1.6914	1.9157	1.2079	0.7309	1.8425	1.6274
Ac-228	11.8878	10.0519	11.4415	12.2710	9.7358	7.6994	14.2294	13.6354
Ac-230	5.7078	4.8138	5.4829	5.9105	4.5748	3.5812	6.8896	6.2933
Ac-231	12.5675	10.7548	12.1706	12.8243	11.1269	8.9944	14.5358	14.1690
Ac-232	7.8413	6.5883	7.5220	8.0929	6.4157	5.0886	9.4774	8.8945
Ac-233	3.8149	3.0508	3.5771	3.9070	3.6282	2.8610	3.8407	5.3932
Ag-100m	4.2588	3.6385	4.0374	4.1585	5.0191	4.5458	4.7491	7.7011
Ag-101	6.9881	6.3299	6.7749	6.9206	7.3462	6.2404	7.5101	10.2649
Ag-102m	4.1233	3.5885	3.9458	4.0967	4.3791	3.7208	4.4567	6.1695
Ag-102	8.3505	7.3356	7.9873	8.2251	9.3375	8.1958	9.1190	13.9595
Ag-103	12.6904	11.7538	12.4659	12.6321	12.6266	10.3120	13.2551	17.4477
Ag-104	15.6289	14.1399	15.1579	15.5771	16.4758	13.8852	16.6168	24.7234
Ag-104m	6.7827	6.1609	6.5773	6.7736	7.1021	5.9216	7.1854	10.3385
Ag-105	16.1416	14.9621	15.7977	16.1637	16.0249	12.8843	16.7141	22.2199
Ag-105m	0.6433	0.4534	0.6021	0.7034	0.4217	0.2089	0.5431	0.5629
Ag-106	4.8469	4.5471	4.7747	4.9037	4.6988	3.6858	4.9811	6.6980
Ag-106m	18.8984	17.1034	18.2877	18.8100	19.9225	16.7958	20.0569	29.3730
Ag-108	0.3374	0.3139	0.3313	0.3406	0.3355	0.2675	0.3487	0.4858
Ag-108m	16.4631	15.0133	15.9949	16.4486	17.1928	14.2479	17.2126	25.4249
Ag-109m	5.5878	5.1794	5.5167	5.6995	5.4348	3.9588	5.4326	8.1810
Ag-110	0.1320	0.1158	0.1266	0.1309	0.1527	0.1341	0.1428	0.2429
Ag-110m	6.6469	5.6157	6.2790	6.4705	8.0684	7.4498	7.4601	13.1101
Ag-111	0.2387	0.2082	0.2286	0.2296	0.2714	0.2431	0.2575	0.3658
Ag-111m	3.3051	2.9923	3.2412	3.3933	3.1158	2.2211	3.1818	4.6810
Ag-112	1.5198	1.2859	1.4341	1.4843	1.8514	1.6896	1.7020	2.8404
Ag-113m	2.8296	2.4482	2.7263	2.8227	2.8667	2.3432	2.9137	4.0756
Ag-113	0.5139	0.4455	0.4932	0.4948	0.5836	0.5277	0.5656	0.7944
Ag-114	0.6615	0.5638	0.6215	0.6440	0.7940	0.7231	0.7340	1.2116
Ag-115	1.8094	1.5770	1.7297	1.7633	2.0532	1.8356	2.0671	2.8770
Ag-116	3.8464	3.2555	3.6081	3.7296	4.5883	4.1750	4.3568	6.7467
Ag-117	3.8081	3.3142	3.6485	3.6341	4.2622	3.7716	4.1549	5.9010
Ag-99	5.9050	5.1955	5.6430	5.7656	6.5229	5.8080	6.5969	9.2062
Al-26	1.7040	1.3531	1.5610	1.5923	2.0347	1.9325	2.0087	2.5247
Al-28	1.6351	1.3026	1.4964	1.5206	1.9684	1.8770	1.9400	2.4275
Al-29	1.7586	1.4350	1.6664	1.7237	2.1521	2.0611	2.0842	2.6779

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Am-237	21.7163	18.7141	21.0530	22.4162	17.9603	14.0152	24.7802	23.1803
Am-238	19.6796	16.9911	19.0841	20.3157	16.3929	12.9085	22.6825	21.8197
Am-239	31.6801	27.1408	30.7336	32.9364	25.3303	19.2490	36.0457	32.5665
Am-240	24.5090	21.1012	23.7523	25.3750	19.9530	15.5607	28.4352	27.0116
Am-241	5.7941	5.4025	5.7858	5.9399	6.2179	6.1874	6.3324	6.3167
Am-242	7.5461	6.5285	7.3306	7.8615	5.8671	4.4179	8.6934	7.7772
Am-242m	6.7459	5.7283	6.5248	7.0744	5.0574	3.6742	7.6732	6.8185
Am-243	8.3960	7.3264	8.1858	8.4677	7.3058	5.6892	9.2508	8.3936
Am-244	26.5374	22.9684	25.7216	27.4552	21.6323	16.7058	30.1638	29.8267
Am-244m	3.2767	2.8359	3.1811	3.4150	2.5346	1.9002	3.7586	3.4232
Am-245	3.0380	2.6271	2.9467	3.1279	2.4962	1.9455	3.4428	3.2526
Am-246	37.3387	32.3881	36.2420	38.6466	30.4531	23.4861	42.4906	41.4802
Am-246m	8.8685	7.6120	8.5562	9.0963	7.7161	6.2428	10.1412	11.0043
Am-247	9.7072	8.4225	9.4324	9.9603	8.1221	6.4126	11.0008	10.5252
Ar-37	0.7618	0.5241	0.7103	0.8379	0.4810	0.2217	0.6327	0.6381
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	1.7370	1.4201	1.6471	1.7026	2.1226	2.0360	2.0503	2.6353
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	2.2435	1.8567	2.1022	2.1600	2.7249	2.5650	2.6049	4.0721
Ar-44	3.9392	3.3441	3.7416	3.7803	4.5583	4.2270	4.7249	5.9341
As-68	4.6167	3.8168	4.3377	4.4819	5.5258	5.1382	5.2537	8.5237
As-69	2.1995	1.6767	2.0775	2.2970	1.8181	1.2800	2.1041	2.3612
As-70	7.1320	5.7591	6.6963	7.0598	7.8924	7.0366	7.7775	11.8882
As-71	13.3100	9.7598	12.5248	14.2319	9.8514	6.0481	12.2175	13.0515
As-72	3.7246	2.8611	3.4918	3.8361	3.4972	2.7440	3.7109	5.4969
As-73	27.8567	19.4013	26.0127	30.5440	17.9540	8.6518	23.6029	23.5149
As-74	6.2987	4.6311	5.8978	6.7303	4.9516	3.1870	5.7272	7.1257
As-76	1.3387	1.1446	1.2601	1.3090	1.6055	1.4587	1.4744	2.4952
As-77	0.1033	0.0878	0.0982	0.1022	0.1070	0.0928	0.1169	0.1387
As-78	2.7897	2.3475	2.6315	2.7218	3.3901	3.1242	3.1447	5.1690
As-79	0.1419	0.1215	0.1327	0.1363	0.1671	0.1530	0.1545	0.2528
At-204	18.2694	15.1756	17.4635	18.5289	17.4412	14.0035	19.5548	24.5453
At-205	14.5698	11.9742	14.0847	15.0100	12.4808	9.3129	15.6025	16.1093
At-206	18.6508	15.5403	17.8459	18.8635	17.8296	14.4203	20.1646	24.6638
At-207	19.1370	15.7491	18.4463	19.6145	16.9145	12.9717	20.6434	22.2176
At-208	24.9383	20.6148	24.0095	25.4806	22.9196	18.0837	27.2451	31.4447
At-209	26.5825	21.9492	25.6220	27.2777	23.6160	18.2072	28.8921	31.8440
At-210	22.1329	18.1225	21.2500	22.6978	19.3822	15.0372	24.5128	24.5075
At-211	6.3220	5.1514	6.1360	6.6008	4.9422	3.3993	6.7058	5.9840
At-215	0.0020	0.0017	0.0019	0.0020	0.0020	0.0016	0.0021	0.0026

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
At-216	0.2613	0.2133	0.2529	0.2703	0.2123	0.1494	0.2723	0.2521
At-217	0.0064	0.0053	0.0062	0.0065	0.0057	0.0044	0.0069	0.0071
At-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-220	5.9623	5.0835	5.6922	5.9429	5.8947	5.0515	6.8782	7.7556
Au-186	12.5981	10.0749	11.8688	12.8306	11.3987	8.6639	12.8513	14.3402
Au-187	17.0488	13.0684	15.9178	17.6935	13.7228	9.2412	16.2914	16.5766
Au-190	14.7285	11.6462	13.7852	14.8736	13.3396	10.1325	14.7249	16.1000
Au-191	19.8146	15.3878	18.5057	20.4103	16.3677	11.3100	18.9875	19.8363
Au-192	14.7108	11.5751	13.7678	14.8950	13.0873	9.7713	14.5034	15.7062
Au-193	16.1835	12.4966	15.0965	16.7107	12.9414	8.5995	15.2904	14.9186
Au-193m	11.6140	8.8462	10.9095	12.2253	8.9023	5.8529	11.4959	11.2711
Au-194	13.8692	10.8704	12.9715	14.1191	11.9885	8.6938	13.4535	14.2915
Au-195	19.0052	14.3735	17.7568	19.9564	14.3196	8.8714	17.6157	16.8080
Au-195m	11.7559	8.9698	11.0487	12.3667	9.0232	5.9437	11.6661	11.4108
Au-196	13.3657	10.5327	12.4908	13.5882	11.5785	8.3893	12.8832	13.8785
Au-196m	30.0443	22.8420	28.3181	31.6591	22.5779	14.3048	29.0759	28.1193
Au-198	2.7605	2.3504	2.5531	2.6762	3.0585	2.6864	2.9029	4.3524
Au-198m	28.1362	22.2467	26.7803	29.3496	23.5001	16.5336	27.8321	28.3228
Au-199	5.8355	4.6330	5.5425	5.9990	4.8375	3.4635	5.9657	5.9907
Au-200	0.9410	0.7847	0.8875	0.9203	1.0430	0.9311	1.0186	1.3857
Au-200m	16.8153	13.9434	15.8940	16.7630	17.0232	14.2804	18.0213	23.6396
Au-201	1.3201	0.9905	1.2424	1.4051	0.9834	0.6146	1.2560	1.3022
Au-202	0.5706	0.4795	0.5335	0.5568	0.6454	0.5796	0.6195	0.9368
Ba-124	11.4600	10.1694	11.2123	11.6971	11.2490	9.9786	11.7953	13.1720
Ba-126	12.1855	10.8143	11.8957	12.4060	12.1462	10.8750	12.6888	14.5265
Ba-127	7.2945	6.4830	7.1472	7.4508	7.0844	6.2556	7.4437	8.1172
Ba-128	9.7707	8.7168	9.5888	10.0349	9.4047	8.3467	9.9266	10.6951
Ba-129	9.1837	8.1369	9.0024	9.4306	8.8060	7.7538	9.3633	10.1655
Ba-129m	17.9285	15.5372	17.3661	18.2277	17.8563	15.6429	18.6647	22.4944
Ba-131	15.5965	13.8660	15.2365	15.8048	15.4586	13.7795	16.0876	18.5327
Ba-131m	9.0813	7.8273	8.8727	9.3698	8.3566	7.2047	8.9663	8.7398
Ba-133	19.3534	17.2036	19.0013	19.6584	19.0820	16.8031	19.5632	21.8920
Ba-133m	9.3335	7.8324	9.0385	9.7454	8.1243	6.8777	9.3462	8.7448
Ba-135m	7.1154	6.2570	6.9591	7.3262	6.6609	6.1197	7.3781	6.8159
Ba-137m	2.8067	2.4246	2.6912	2.8052	3.1795	2.9021	3.0359	4.6784
Ba-139	1.3078	1.1553	1.2723	1.2848	1.3522	1.2300	1.4532	1.5767
Ba-140	5.9301	4.7307	5.6548	6.2268	4.9946	3.6362	5.6379	6.6291
Ba-141	5.7681	5.0121	5.5590	5.6791	6.3948	5.8570	6.5459	8.3448
Ba-142	6.3003	5.4721	6.0786	6.2565	6.7150	6.1577	6.8735	8.3844

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.2431	0.2104	0.2260	0.2345	0.2853	0.2586	0.2629	0.4327
Bi-197	15.8588	12.7010	15.1606	16.3676	13.5015	9.8848	16.4044	17.3754
Bi-200	23.0907	18.9523	21.9303	23.3686	21.4482	16.9113	24.2663	28.4893
Bi-201	15.5980	12.5366	14.8997	16.0289	13.4098	9.9110	16.2341	17.0350
Bi-202	20.3447	16.6405	19.3630	20.6101	19.0713	15.0820	21.3679	25.9083
Bi-203	17.0717	13.7392	16.2796	17.4562	15.0265	11.3407	17.8387	19.3335
Bi-204	21.5671	17.5242	20.5463	21.9172	19.8040	15.4926	22.6649	26.7020
Bi-205	15.1337	12.0740	14.4244	15.6017	12.8523	9.3681	15.6384	16.4167
Bi-206	24.8611	20.2464	23.6878	25.2458	22.9660	17.9792	26.1391	31.0935
Bi-207	15.3396	12.3827	14.6372	15.7537	13.5015	10.1213	15.9038	17.7694
Bi-208	10.6989	8.3438	10.1596	11.1425	8.7369	6.0903	11.2424	10.6900
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	4.2702	3.5277	4.0577	4.2530	4.1215	3.3908	4.5642	5.1372
Bi-211	0.6888	0.5668	0.6552	0.6879	0.6624	0.5335	0.7066	0.8411
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	2.3059	1.7434	2.1782	2.4664	1.6961	1.0679	2.3291	2.3111
Bi-213	1.2472	1.0516	1.1827	1.2451	1.2356	1.0214	1.3314	1.6946
Bi-214	2.8323	2.3577	2.6691	2.7633	3.3178	3.0299	3.2063	4.8313
Bi-215	3.8399	3.1965	3.7092	3.8858	3.5188	2.7973	4.1515	4.4361
Bi-216	4.0861	3.4929	3.8434	4.0187	4.5289	3.9687	4.4239	6.7575
Bk-245	23.3735	20.3064	22.7191	24.0285	19.3242	15.1317	26.4197	25.0025
Bk-246	24.7994	21.4069	24.0476	25.6102	20.3496	15.8283	28.1722	27.7131
Bk-247	7.8676	6.9276	7.7243	7.9629	7.0565	5.6972	8.6718	8.4879
Bk-248m	6.9931	6.0817	6.8006	7.2341	5.6489	4.3256	7.8968	7.5508
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	6.9383	5.9905	6.6986	7.0900	6.1979	5.0514	7.8359	9.1832
Bk-251	15.0020	12.9817	14.5804	15.4596	12.0381	9.2852	17.0104	16.2038
Br-72	4.9572	4.0369	4.6637	4.9204	5.3292	4.6792	5.4881	8.0049
Br-73	5.4843	4.4818	5.0748	5.4115	5.1915	4.1027	5.6624	6.4149
Br-74	5.4582	4.4196	5.1452	5.4705	5.9037	5.1074	6.2662	8.2585
Br-74m	6.7410	5.5072	6.3582	6.7377	7.4223	6.4722	7.5367	11.0391
Br-75	6.6848	5.3705	6.3347	6.8002	6.0592	4.7749	7.1368	8.0537
Br-76	8.9747	7.0205	8.4455	9.3051	7.9762	6.0490	9.5762	11.2427
Br-76m	18.7384	15.2003	17.9696	19.8515	14.5955	9.9622	21.2877	17.9060
Br-77	13.7872	10.4903	13.0173	14.7153	10.1283	6.4027	14.2410	13.6745
Br-77m	8.8720	7.0125	8.4678	9.4716	6.3267	4.0092	10.0604	8.3106
Br-78	1.1905	0.9190	1.1245	1.2602	0.9602	0.6590	1.2332	1.3817
Br-80	0.8986	0.6884	0.8488	0.9558	0.6994	0.4639	0.9275	0.9958
Br-80m	19.0190	15.3898	18.2475	20.1991	14.3649	9.8915	21.7665	18.0738

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Br-82m	8.7271	6.8337	8.3087	9.3532	6.0380	3.7055	9.9850	8.0949
Br-82	6.8249	5.7756	6.4377	6.6456	8.2540	7.6202	7.6687	13.1827
Br-83	0.0326	0.0276	0.0305	0.0321	0.0369	0.0325	0.0348	0.0570
Br-84m	6.1457	5.1726	5.7215	5.8895	7.3437	6.8379	6.9096	10.8994
Br-84	1.9946	1.6370	1.8634	1.9123	2.4339	2.2950	2.3490	3.6658
Br-85	0.1449	0.1215	0.1364	0.1397	0.1749	0.1642	0.1651	0.2879
C-10	2.0787	1.7621	1.9650	2.0290	2.5463	2.3422	2.3215	4.2818
C-11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-41	1.3604	0.9358	1.2682	1.4962	0.8588	0.3958	1.1297	1.1395
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	1.5899	1.3100	1.5037	1.5537	1.9348	1.8424	1.8560	2.5322
Ca-49	1.4550	1.1471	1.3558	1.4010	1.8477	1.7992	1.9908	2.1240
Cd-101	10.8200	9.8654	10.5999	10.8564	11.4177	9.1916	10.9452	15.8528
Cd-102	13.4791	12.4524	13.1939	13.5446	13.8580	10.8045	13.5466	20.8576
Cd-103	12.4661	11.4572	12.2061	12.5271	12.8361	10.0064	12.6581	19.2169
Cd-104	17.4039	16.2912	17.2645	17.5587	17.5346	13.2246	17.0620	25.6471
Cd-105	9.8068	9.0532	9.6218	9.8778	10.0337	7.7501	9.8860	15.1058
Cd-107	16.7405	15.6743	16.5520	17.0351	16.4814	12.0905	16.3829	25.0434
Cd-109	15.8094	14.7847	15.6282	16.0925	15.5322	11.3758	15.4617	23.6100
Cd-111m	9.5252	8.6705	9.2628	9.4562	10.0125	7.9608	9.8434	14.7674
Cd-113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0086	0.0079	0.0084	0.0087	0.0087	0.0063	0.0082	0.0136
Cd-115	1.4181	1.2623	1.3556	1.4010	1.6038	1.3434	1.4666	2.5122
Cd-115m	0.0660	0.0553	0.0623	0.0640	0.0795	0.0748	0.0750	0.1245
Cd-117	3.7491	3.2500	3.5796	3.6425	4.3029	3.7979	4.0640	6.0478
Cd-117m	3.1091	2.5829	2.9187	2.9977	3.7408	3.4891	3.5497	5.4462
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	3.9831	3.3997	3.7867	3.8158	4.6125	4.1739	4.4218	6.3552
Cd-119m	3.9678	3.3363	3.7444	3.8436	4.7232	4.3296	4.4531	6.8752
Ce-130	15.2549	13.4014	14.9089	15.4749	14.8116	13.4274	16.1127	16.2235
Ce-131	13.2885	11.4069	12.8304	13.4976	13.1116	11.2265	13.6773	16.4169
Ce-132	13.2689	11.6965	12.9817	13.5132	13.0265	11.7757	14.3559	14.2969
Ce-133	16.7197	14.8222	16.4478	17.1769	16.0943	14.3775	17.1667	16.2394
Ce-133m	18.5223	16.2007	17.9193	18.6791	18.6812	16.9052	19.5780	21.2395
Ce-134	8.9657	7.8876	8.7898	9.2728	8.3835	7.5672	9.3379	8.4782
Ce-135	14.2401	12.4553	13.8306	14.4523	14.2510	12.9405	15.1882	16.4020
Ce-137	11.2927	9.5314	10.9674	11.8161	9.9265	8.3723	11.3291	10.4858
Ce-137m	7.0305	6.1181	6.8637	7.2653	6.6289	5.7857	7.3792	6.9610
Ce-139	12.3653	10.8507	12.0797	12.5822	11.9129	10.7182	13.1281	12.7775

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ce-141	3.4584	3.0426	3.3720	3.3915	3.4943	3.1051	3.7424	4.0597
Ce-143	9.2412	8.0693	8.9788	9.3979	9.2473	8.0347	9.8518	10.1098
Ce-144	1.4309	1.2556	1.4028	1.4300	1.4032	1.2229	1.5133	1.5699
Ce-145	13.2823	11.5507	12.8507	13.5070	13.3704	11.6338	14.1793	15.4048
Cf-244	2.3954	2.0725	2.3254	2.4996	1.8367	1.3695	2.7536	2.4807
Cf-246	1.6408	1.4199	1.5930	1.7120	1.2596	0.9392	1.8839	1.7005
Cf-247	25.5880	22.0120	24.8356	26.5590	20.1702	15.1827	28.7418	26.9965
Cf-248	1.9593	1.6959	1.9023	2.0442	1.5053	1.1227	2.2484	2.0319
Cf-249	7.9446	6.8673	7.6345	8.0859	6.9935	5.6409	8.9132	9.4832
Cf-250	1.5243	1.3193	1.4794	1.5884	1.1809	0.8860	1.7490	1.5948
Cf-251	15.3852	13.3272	14.9510	15.8759	12.5463	9.7047	17.4439	16.4282
Cf-252	2.7132	2.3460	2.6115	2.7409	2.5490	2.1468	3.0977	3.4781
Cf-253	5.3532	4.5850	5.1890	5.5981	4.1471	3.0156	5.9138	5.7832
Cf-254	44.7929	38.6622	42.6420	43.4249	51.5095	47.4023	50.7507	70.8413
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0005	0.0003	0.0004	0.0005	0.0003	0.0001	0.0004	0.0004
Cl-34m	2.4303	2.0450	2.3048	2.2668	2.7725	2.5908	2.8208	3.5282
Cl-36	0.0108	0.0074	0.0101	0.0119	0.0068	0.0031	0.0090	0.0090
Cl-38	1.1950	0.9491	1.0949	1.1164	1.4499	1.3730	1.4452	1.7870
Cl-39	2.9662	2.4868	2.7789	2.8451	3.5046	3.3269	3.5221	4.4191
Cl-40	3.2234	2.6003	2.9975	3.0802	3.9698	3.7463	3.9674	5.0175
Cm-238	12.2715	10.6663	11.9507	12.6780	9.9980	7.7502	13.9728	12.7914
Cm-239	18.9362	16.4796	18.4483	19.4446	16.0885	12.7945	21.8006	20.7593
Cm-240	2.7169	2.3399	2.6347	2.8398	2.0387	1.5213	3.2218	2.7576
Cm-241	29.1164	24.9169	28.1562	30.1685	23.4930	17.9589	32.9904	31.3302
Cm-242	2.4398	2.1012	2.3659	2.5502	1.8306	1.3659	2.8934	2.4762
Cm-243	16.4668	13.9212	15.9212	17.1773	12.9739	9.6807	18.5108	16.8410
Cm-244	2.0950	1.8041	2.0315	2.1898	1.5715	1.1726	2.4849	2.1260
Cm-245	16.8953	14.5673	16.4200	17.5337	13.5410	10.3607	19.4052	17.4027
Cm-246	1.6796	1.4465	1.6285	1.7548	1.2641	0.9452	1.9912	1.7101
Cm-247	2.5296	2.1917	2.3648	2.4624	2.7408	2.4248	2.7547	3.8343
Cm-248	5.0609	4.3655	4.8458	5.0252	5.1925	4.5745	5.8181	7.1157
Cm-249	2.4481	1.7166	2.2878	2.6760	1.6073	0.8077	2.0847	2.1528
Cm-250	35.6184	30.7340	33.9091	34.5516	40.8446	37.5219	40.3383	56.1365
Cm-251	2.2728	1.9632	2.1933	2.3224	1.9831	1.5888	2.5459	2.7410
Co-54m	5.9029	4.9444	5.5096	5.6889	7.0502	6.5948	6.6574	9.8442
Co-55	3.8912	3.0690	3.6480	3.9334	3.9312	3.2937	4.0049	5.9732
Co-56	8.9726	6.7926	8.4010	9.2575	8.3747	6.5949	9.0320	11.9986
Co-57	14.8124	11.2109	14.0487	15.5829	10.8810	7.0036	14.0242	14.3696
Co-58	6.6495	4.8826	6.2183	7.0408	5.3944	3.6673	6.1402	8.1623

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Co-58m	5.4519	3.7517	5.0831	5.9960	3.4445	1.5887	4.5277	4.5730
Co-60	3.5555	2.9169	3.3649	3.4709	4.3332	4.1499	4.1702	5.7308
Co-60m	6.0973	4.2155	5.6825	6.6894	3.9015	1.8442	5.0832	5.1208
Co-61	4.8072	4.0406	4.3771	4.5500	4.7511	3.7238	4.5767	4.4988
Co-62	2.0486	1.6778	1.9329	1.9929	2.4997	2.3858	2.4144	3.4518
Co-62m	3.6630	3.0020	3.4543	3.5580	4.4555	4.2620	4.2797	6.1814
Cr-48	9.1418	7.4895	8.8126	9.2056	8.6422	6.9079	8.8116	10.5472
Cr-49	4.1685	3.6776	4.0435	4.0344	4.3527	3.6139	4.0534	4.4641
Cr-51	3.3421	2.3425	3.1252	3.6383	2.2432	1.1688	2.8395	2.9668
Cr-55	0.0008	0.0006	0.0007	0.0007	0.0009	0.0009	0.0009	0.0011
Cr-56	12.2305	10.8154	12.1369	12.4389	12.1870	8.6304	10.9292	17.2257
Cs-121	3.7247	3.3145	3.6205	3.7019	3.9259	3.4495	3.9211	5.1063
Cs-121m	6.9202	6.1388	6.7407	6.9622	7.2343	6.3577	7.4538	9.3781
Cs-123	8.0033	7.1976	7.8605	8.1279	8.2317	7.0417	7.9728	10.3239
Cs-124	1.7118	1.5055	1.6517	1.6973	1.8432	1.6315	1.7788	2.4580
Cs-125	7.7320	6.9387	7.5631	7.8567	7.8691	6.7485	7.7530	10.2389
Cs-126	3.2570	2.8834	3.1298	3.2472	3.4697	3.0437	3.3446	4.6945
Cs-127	12.2592	10.9990	11.9585	12.4048	12.4645	10.7163	12.3098	16.1973
Cs-128	3.7681	3.3743	3.6673	3.8194	3.8574	3.3187	3.7929	5.0717
Cs-129	14.9650	13.4714	14.6637	15.2562	15.0425	12.8325	14.9470	19.2047
Cs-130m	14.2568	12.5147	14.0207	14.6471	13.4513	11.4432	14.0644	15.0196
Cs-130	5.3564	4.8357	5.2699	5.4935	5.3010	4.4904	5.3027	6.7334
Cs-131	9.3287	8.4247	9.1866	9.5827	9.1742	7.7447	9.2037	11.5867
Cs-132	11.4986	10.2824	11.2435	11.7115	11.8474	10.1833	11.6075	15.9645
Cs-134	4.7996	4.0856	4.5319	4.6863	5.8120	5.3339	5.3302	9.5288
Cs-134m	6.9949	5.6997	6.7391	7.3370	5.8412	4.4725	6.6459	7.0354
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	4.3622	3.6851	4.1256	4.2418	5.2093	4.8595	4.8932	8.7782
Cs-136	7.7096	6.5933	7.3623	7.5127	8.7514	8.1180	8.5162	12.4874
Cs-137	1.8299	1.5291	1.8108	1.8864	2.1055	2.0925	2.2332	2.1466
Cs-138m	7.1378	6.2438	6.9546	7.3108	6.9384	6.0873	7.3473	8.1890
Cs-138	3.9239	3.2767	3.6739	3.7774	4.6638	4.3673	4.5057	6.4853
Cs-139	0.3647	0.2988	0.3422	0.3527	0.4438	0.4188	0.4298	0.5876
Cs-140	2.5967	2.1644	2.4358	2.5162	3.1573	2.9248	2.9914	4.6226
Cu-57	0.1971	0.1619	0.1861	0.1929	0.2345	0.2206	0.2258	0.3540
Cu-59	1.1489	0.9454	1.0816	1.1270	1.2981	1.1733	1.2541	1.8612
Cu-60	4.0826	3.2527	3.8152	4.0009	4.6190	4.2148	4.6108	6.1550
Cu-61	3.8809	2.8320	3.6245	4.1307	2.9514	1.8487	3.4730	3.9293
Cu-62	0.1750	0.1218	0.1632	0.1911	0.1168	0.0603	0.1489	0.1570
Cu-64	3.2703	2.2507	3.0490	3.5959	2.0694	0.9587	2.7187	2.7449

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Cu-66	0.1803	0.1502	0.1701	0.1745	0.2181	0.2079	0.2061	0.3567
Cu-67	3.8638	3.1647	3.7455	3.9893	3.5569	2.7261	3.8814	4.3152
Cu-69	1.1502	0.9658	1.0832	1.1136	1.3882	1.3023	1.3014	2.2550
Dy-148	10.3334	8.6892	9.9813	10.6922	10.3663	8.2171	10.5637	12.3691
Dy-149	15.6379	13.1477	15.1130	16.1233	15.6079	12.4588	15.9972	17.7982
Dy-150	6.9645	5.8711	6.6806	7.1521	6.9259	5.5015	7.0738	7.9793
Dy-151	14.8678	12.2137	14.2538	15.3814	14.3017	11.1253	14.9489	17.2931
Dy-152	10.9933	9.2604	10.5722	11.2663	10.8397	8.6989	11.4703	12.0446
Dy-153	22.5386	18.9698	21.8437	23.3244	21.9735	17.1900	22.9000	24.2165
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	13.2933	11.2159	12.8515	13.7108	13.1645	10.5159	13.9251	14.9275
Dy-157	11.5284	9.6999	11.1767	11.8478	11.3932	9.0516	11.7424	12.6779
Dy-159	10.3494	8.6427	10.0345	10.8426	9.7451	7.3334	10.3433	10.2334
Dy-165m	3.9477	2.8948	3.7236	4.2694	2.8812	1.6769	3.4620	3.5243
Dy-165	1.2530	1.0455	1.2126	1.3028	1.1989	0.9133	1.2108	1.2670
Dy-166	8.0060	6.4395	7.7094	8.4297	7.0326	4.9677	7.4791	7.5743
Dy-167	6.4872	5.4172	6.1895	6.5447	6.6307	5.4838	6.6961	8.2062
Dy-168	7.9299	6.5568	7.6041	8.1798	7.6724	6.0149	8.0464	9.2596
Er-154	14.5533	12.1429	14.0759	15.2501	13.4602	9.4920	13.5477	16.9784
Er-156	19.4451	15.2791	18.5893	20.6870	16.0594	11.1247	18.1078	18.0387
Er-159	12.2372	10.1012	11.7522	12.6669	11.9222	9.2993	12.2197	13.8796
Er-161	13.8957	11.3548	13.3336	14.4380	13.2278	10.1703	13.7450	15.5037
Er-163	8.5358	7.0095	8.2304	8.9641	7.8681	5.7899	8.2180	8.1092
Er-165	8.3420	6.8329	8.0394	8.7673	7.6509	5.6067	8.0137	7.9081
Er-167m	4.6288	3.6863	4.4372	4.8872	4.0815	2.9721	4.6177	4.8363
Er-169	0.1570	0.1080	0.1463	0.1726	0.0992	0.0458	0.1304	0.1315
Er-171	9.7615	7.9990	9.3647	9.9390	9.3377	7.3491	9.5065	10.6588
Er-172	9.8725	8.0739	9.3695	10.1541	9.4976	7.3066	9.5089	10.9983
Er-173	13.5599	11.2277	13.0658	13.9109	13.1323	10.4447	13.8572	15.9149
Es-249	18.5075	16.1300	17.9668	18.9030	15.6852	12.4213	20.7268	21.2389
Es-250	70.7679	61.4608	68.7390	72.9594	58.0598	44.7162	79.3024	79.8345
Es-250m	17.4140	15.1941	16.9391	17.8386	14.5996	11.5088	19.6000	19.9008
Es-251	21.6235	18.6722	21.0042	22.3638	17.0633	13.0489	24.6469	23.0623
Es-253	0.6382	0.5448	0.6180	0.6680	0.4874	0.3556	0.7164	0.6646
Es-254	23.3900	19.5262	22.5431	24.6177	17.3801	12.2688	25.8084	23.6607
Es-254m	9.3108	8.1047	9.0245	9.5891	8.1657	6.3276	10.2216	12.0320
Es-255	0.0018	0.0016	0.0017	0.0018	0.0021	0.0019	0.0021	0.0029
Es-256	3.1928	2.7894	3.1076	3.3202	2.5864	1.8986	3.4975	3.6952
Eu-142	1.0045	0.8486	0.9647	1.0151	1.0669	0.9041	1.1033	1.3719
Eu-142m	10.5080	8.5499	9.9294	10.6073	11.0074	9.3181	11.0261	16.7573

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Eu-143	2.9153	2.4812	2.8266	2.9952	2.9289	2.3755	3.1371	3.3395
Eu-144	1.2778	1.0833	1.2352	1.3093	1.2847	1.0421	1.3838	1.4570
Eu-145	10.7186	9.1180	10.3707	10.9835	10.9024	8.9206	11.5471	13.2952
Eu-146	13.5991	11.5675	13.0850	13.7909	14.5512	12.2937	14.7750	19.3749
Eu-147	13.3408	11.4511	13.0051	13.7293	13.2458	10.6605	14.3574	15.3481
Eu-148	15.5089	13.2562	14.8844	15.6878	16.6413	14.0691	16.7474	22.1812
Eu-149	10.5941	8.8050	10.2590	11.1054	9.7055	7.2342	10.8387	11.0623
Eu-150	15.4266	13.2025	14.8304	15.5345	16.3242	13.7823	16.5491	20.7703
Eu-150m	1.0813	0.9253	1.0487	1.1098	1.0831	0.8743	1.1526	1.2503
Eu-152	11.9961	10.2155	11.6108	12.1754	12.1868	10.0848	12.8472	14.7476
Eu-152m	3.7398	3.1866	3.6267	3.8213	3.7620	3.0735	3.9966	4.5932
Eu-152n	9.8451	7.8811	9.5339	10.3615	8.3071	5.7309	9.0676	9.3081
Eu-154	7.1256	5.9812	6.8530	7.1131	7.3832	6.2915	7.5353	9.6705
Eu-154m	13.9856	11.0389	13.2920	14.6923	11.6193	8.0835	12.9873	13.0459
Eu-155	5.3555	4.5758	5.2610	5.5088	5.1616	3.9738	5.1624	5.4193
Eu-156	4.0143	3.2979	3.8406	4.0657	4.1756	3.5066	4.2154	5.3834
Eu-157	11.5745	9.4742	11.0022	11.9424	10.7665	8.0996	11.4368	12.1375
Eu-158	6.1375	5.0143	5.8808	6.2541	6.1514	5.0298	6.3156	8.2543
Eu-159	13.0495	11.0874	12.6491	13.4207	12.6604	9.8782	13.3293	13.7206
F-17	0.0007	0.0006	0.0006	0.0007	0.0008	0.0008	0.0008	0.0014
F-18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-52	5.0822	4.0948	4.8483	5.1309	4.6562	3.6565	5.2626	6.0099
Fe-53	1.1876	1.0011	1.1072	1.1512	1.3153	1.1610	1.2417	1.8320
Fe-53m	5.4991	4.5808	5.1889	5.3479	6.6969	6.2855	6.2969	10.2831
Fe-55	4.5197	3.1091	4.2137	4.9712	2.8534	1.3150	3.7533	3.7859
Fe-59	1.9442	1.6109	1.8455	1.8981	2.3501	2.2410	2.2692	3.2998
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	2.8311	2.3721	2.6882	2.7262	3.3551	3.1661	3.2320	4.7547
Fe-62	2.2988	1.9885	2.1458	2.2279	2.7018	2.4458	2.4983	4.1700
Fm-251	17.0521	14.4936	16.5116	17.6160	13.7297	10.2869	18.4398	18.7187
Fm-252	1.6881	1.4730	1.6420	1.7566	1.3315	0.9923	1.9017	1.8467
Fm-253	20.7966	17.9464	20.1926	21.5760	16.4253	12.3275	23.2566	22.6673
Fm-254	1.7223	1.5027	1.6749	1.7910	1.3652	1.0211	1.9401	1.8934
Fm-255	18.7911	16.0698	18.2026	19.6586	14.2538	10.4494	21.3115	19.6524
Fm-256	33.7011	29.1094	32.0999	32.7045	38.5933	35.5262	38.2741	53.1480
Fm-257	19.5854	17.0040	19.0297	20.1978	15.9367	12.2277	21.9717	21.5495
Fr-212	17.3772	14.3307	16.7729	18.0313	14.3779	10.8041	19.4846	18.3722
Fr-219	0.0539	0.0455	0.0519	0.0543	0.0509	0.0414	0.0588	0.0666
Fr-220	2.8072	2.2606	2.6992	2.9649	2.0749	1.3972	3.1047	2.6656
Fr-221	0.9886	0.8348	0.9595	1.0183	0.8778	0.6942	1.1479	1.1199

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Fr-222	10.3611	8.7428	10.0317	10.8124	8.2594	6.3146	12.4109	10.9828
Fr-223	10.8502	9.2166	10.5413	11.3272	8.9779	6.7484	12.3040	10.6878
Fr-224	7.2567	6.1286	7.0046	7.4294	6.2550	5.0352	8.5789	8.4185
Fr-227	13.0649	11.1262	12.6322	13.3641	11.4078	8.8755	14.4209	14.0365
Ga-64	2.8204	2.2770	2.6381	2.7425	3.2997	3.0552	3.2589	4.8421
Ga-65	8.5426	6.5666	8.0679	8.8829	6.9712	4.7905	7.7797	8.5868
Ga-66	6.0853	4.3892	5.6762	6.4671	4.8195	3.1914	5.6791	6.5937
Ga-67	16.2065	11.7683	15.2853	17.5004	11.6024	6.6433	14.0372	14.6937
Ga-68	1.1728	0.8163	1.0942	1.2812	0.7794	0.3994	0.9954	1.0527
Ga-70	0.0658	0.0489	0.0619	0.0696	0.0530	0.0362	0.0619	0.0745
Ga-72	4.3177	3.5729	4.0483	4.1723	5.2256	4.8536	4.9690	8.2128
Ga-73	17.8381	12.9048	16.7305	19.1579	12.9417	7.6667	15.8452	16.8064
Ga-74	4.7784	3.9848	4.4774	4.6311	5.8109	5.3502	5.4929	8.5411
Gd-142	5.7764	4.9186	5.5902	5.9073	5.8773	4.8068	6.2037	6.9194
Gd-143m	13.2775	11.2760	12.7864	13.4576	13.6863	11.3962	14.2923	16.5490
Gd-144	5.3036	4.4919	5.1451	5.4827	5.2432	4.1517	5.6083	5.8898
Gd-145m	6.3541	5.0014	6.0288	6.6352	5.7670	4.2398	6.1019	8.2944
Gd-145	7.7181	6.4685	7.4176	7.8515	7.9197	6.5344	8.3460	9.1764
Gd-146	24.1178	20.6965	23.5225	24.7220	23.6648	18.8164	25.1611	26.0924
Gd-147	15.7147	13.4071	15.1380	15.9744	16.2820	13.5498	16.9989	20.1236
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	15.1295	12.9170	14.6748	15.4127	15.1596	12.2910	16.0353	17.5653
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	12.0588	9.9215	11.6486	12.6591	10.8752	7.9904	12.1371	12.3451
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	15.1099	12.9538	14.7596	15.7042	14.7323	11.4580	15.5107	15.6411
Gd-159	2.4443	2.0568	2.3582	2.5229	2.3880	1.8647	2.4694	2.5983
Gd-162	4.1325	3.3728	3.8612	4.1684	4.0970	3.3324	4.1494	5.6492
Ge-66	18.0438	13.5870	17.0115	19.1896	14.1648	9.1546	16.5231	17.9241
Ge-67	4.0940	3.4041	3.9104	4.0251	4.1344	3.5130	4.4505	5.4627
Ge-68	11.0864	7.6366	10.3379	12.1907	7.0056	3.2400	9.2410	9.2960
Ge-69	10.0994	7.1691	9.4344	10.9226	7.2073	4.1589	8.8526	9.9293
Ge-71	11.2444	7.7454	10.4853	12.3645	7.1054	3.2862	9.3727	9.4285
Ge-75	0.3764	0.3244	0.3551	0.3622	0.4186	0.3841	0.4383	0.5351
Ge-77	6.1532	5.2703	5.8444	6.0428	6.8999	6.2305	7.1074	9.5871
Ge-78	2.7002	2.3277	2.5584	2.5709	3.0588	2.8373	3.0922	3.8934
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	7.8883	6.3310	7.4633	8.0651	7.2732	5.4806	7.5239	8.0625
Hf-169	11.8153	9.4839	11.0852	12.1201	10.8766	8.1135	11.2017	12.5622
Hf-170	19.9746	15.6667	18.8251	20.7705	17.2183	12.1444	18.5605	19.6690

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Hf-172	24.8187	19.4355	23.4451	26.0395	20.6038	13.4961	22.3102	24.7410
Hf-173	18.2712	14.8030	17.3321	18.4639	16.7089	12.7508	17.5153	18.8887
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	13.4810	10.7442	12.6986	13.8700	12.1860	8.9624	12.6678	13.4909
Hf-177m	53.4738	43.0042	50.5138	54.4518	49.6592	38.3615	53.0103	59.5696
Hf-178m	34.9998	28.2592	33.1794	35.7929	32.9217	25.5168	34.5515	41.5502
Hf-179m	26.5260	20.9527	24.9030	27.1886	23.5154	17.3578	25.4079	28.2961
Hf-180m	19.4442	15.6961	18.3189	19.8081	18.2777	14.1288	19.1720	22.0762
Hf-181	9.7114	7.7434	9.1134	9.7974	8.8209	6.7457	9.3700	11.2966
Hf-182	4.5462	3.7232	4.2655	4.5123	4.4539	3.6692	4.7052	5.3472
Hf-182m	20.0072	15.8524	18.8004	20.5516	17.9333	13.2661	19.1204	21.4562
Hf-183	7.4465	6.1291	7.0001	7.3871	7.3902	5.9061	7.2938	9.1694
Hf-184	23.0044	16.9646	21.6078	24.5097	17.0990	10.4323	20.6479	21.4919
Hg-190	20.6003	16.0255	19.4283	21.2579	16.3799	11.0686	19.8704	19.7336
Hg-191m	23.9269	18.7083	22.4399	24.5961	20.3886	14.6702	23.4286	25.4538
Hg-192	21.2147	16.4189	19.9565	22.0310	16.8313	11.2752	20.4324	20.0402
Hg-193	19.0657	14.7605	17.9203	19.7939	15.3622	10.4277	18.5233	18.7908
Hg-193m	14.4100	11.3107	13.5212	14.7945	12.2975	8.8124	14.0816	15.2852
Hg-194	6.1361	4.4087	5.7598	6.6934	3.9879	2.0483	5.7039	5.3147
Hg-195	17.2994	13.1774	16.2311	18.1557	13.1118	8.2668	16.4775	15.7882
Hg-195m	22.1413	16.5644	20.8083	23.5856	16.0077	9.6622	21.1791	20.2574
Hg-197	16.8135	12.8308	15.8486	17.6607	12.6523	7.8854	15.8735	15.0088
Hg-197m	14.8757	11.2802	14.0451	15.6822	10.9808	6.8683	14.3150	13.8094
Hg-199m	14.4045	11.2407	13.6240	14.9323	11.4541	7.7571	14.1756	13.9531
Hg-203	4.1421	3.4276	3.9357	4.1163	4.0100	3.3132	4.4345	4.9495
Hg-205	0.1704	0.1407	0.1646	0.1762	0.1540	0.1185	0.1879	0.1927
Hg-206	2.2738	1.8559	2.1750	2.2879	2.1106	1.6614	2.3381	2.6015
Hg-207	8.3913	6.8448	7.9191	8.2847	8.5810	7.2955	8.9805	11.4389
Ho-150	4.4543	3.7374	4.2405	4.4521	4.9627	4.3264	4.7739	7.4179
Ho-153	9.3373	7.8355	8.9841	9.4992	9.3985	7.6205	9.5462	10.8145
Ho-153m	11.8306	9.8960	11.3840	12.1266	11.6277	9.2381	11.9445	13.4564
Ho-154m	15.2696	12.9396	14.5154	15.2001	16.4853	14.1280	15.9668	21.6427
Ho-154	8.2008	6.9060	7.8497	8.1960	8.7576	7.4652	8.5803	11.1532
Ho-155	13.4100	11.0253	12.9096	13.9509	12.5294	9.5237	13.3367	14.0294
Ho-156	14.3530	12.0041	13.7628	14.4542	14.4953	11.9823	14.9347	17.4056
Ho-157	19.8826	16.5407	19.1749	20.5911	18.9845	14.6432	19.9412	20.8693
Ho-159	21.5297	18.0074	20.8235	22.1510	20.5903	16.0170	21.5047	22.5443
Ho-160	17.3373	14.3357	16.6766	17.8877	17.0938	13.5437	17.5171	21.1897
Ho-161	15.5428	13.0091	15.0552	16.2710	14.5118	10.1929	14.6008	18.3820
Ho-162	11.1129	9.0970	10.7348	11.6729	10.1320	7.4204	10.7633	10.7359

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ho-162m	16.9668	13.5521	16.2511	17.8349	15.0045	10.8746	16.3877	17.0166
Ho-163	0.1813	0.1247	0.1691	0.1995	0.1145	0.0528	0.1506	0.1519
Ho-164	6.5733	5.3688	6.3398	6.9145	5.9591	4.3363	6.3404	6.2884
Ho-164m	15.9048	12.3019	15.1406	16.9718	12.9293	8.5748	14.6104	14.4718
Ho-166	2.7009	2.0705	2.5797	2.8730	2.1594	1.3932	2.4076	2.4342
Ho-166m	14.3956	11.8018	13.7550	14.6478	14.3429	11.6537	14.8112	19.1616
Ho-167	5.9398	4.9160	5.6871	6.0009	5.9372	4.8240	5.9487	7.1257
Ho-168	5.8761	4.6997	5.5929	6.0343	5.6714	4.4696	5.8301	7.8907
Ho-168m	4.0034	2.9359	3.7758	4.3353	2.9239	1.6935	3.5051	3.5063
Ho-170	14.2207	11.5737	13.5771	14.5311	13.8319	11.0582	14.2850	17.5854
I-118m	11.0465	9.5681	10.5507	10.9094	12.9590	11.4773	11.8496	20.1570
I-118	3.8920	3.3743	3.7150	3.8485	4.5490	4.0041	4.1558	7.0145
I-119	8.5343	7.6787	8.2789	8.5255	9.1253	7.4969	8.6620	13.0783
I-120	6.3971	5.6173	6.1519	6.3674	7.1747	6.0727	6.6491	10.6551
I-120m	10.5297	9.1714	10.0661	10.4356	12.1877	10.6241	11.1498	18.7211
I-121	12.5719	11.4354	12.3731	12.8019	13.2471	10.5327	12.6612	19.4829
I-122	2.7112	2.4548	2.6525	2.7493	2.8864	2.2848	2.6258	4.3960
I-123	14.1731	12.9028	13.9195	14.2445	14.8379	11.7323	13.8220	21.6805
I-124	9.7238	8.7712	9.5043	9.8479	10.4117	8.2937	9.4819	15.7998
I-125	19.3716	17.7501	19.1194	19.8171	19.9743	15.2896	18.2669	29.8063
I-126	6.9562	6.2749	6.7762	7.0183	7.4626	5.9896	6.7857	11.2981
I-128	1.0369	0.9330	1.0030	1.0400	1.1173	0.9086	1.0198	1.6763
I-129	9.4873	8.5920	9.3505	9.7361	9.4127	7.9687	9.4749	11.7486
I-130m	3.3657	2.8789	3.2593	3.4847	3.1820	2.4481	3.1947	4.4508
I-130	7.4143	6.3493	6.9816	7.2324	8.9087	8.1200	8.1482	14.2158
I-131	2.3526	2.0344	2.3354	2.4120	2.6661	2.6660	2.7694	2.6874
I-132	6.2812	5.3304	5.9347	6.1270	7.6160	7.0074	7.0059	12.3623
I-132m	7.5229	6.4596	7.2924	7.7592	7.1504	5.5078	7.2832	10.1257
I-133	2.4077	2.0754	2.2604	2.3444	2.8479	2.5854	2.6299	4.4144
I-134m	13.1495	11.8731	12.8761	13.3060	13.6271	11.3391	13.2226	18.2510
I-134	6.4689	5.4699	6.1051	6.2627	7.7359	7.2019	7.2644	12.4894
I-135	2.5662	2.1298	2.4147	2.4812	3.0819	2.9103	2.9645	4.2810
In-103	6.4106	5.6328	6.1899	6.3411	7.2518	6.2913	7.1676	10.8066
In-105	8.4520	7.6046	8.2209	8.2971	9.1329	7.5333	8.7757	13.8033
In-106	9.5935	8.3434	9.1660	9.4483	11.1708	9.8122	10.3504	18.1811
In-106m	4.3846	3.7938	4.1835	4.3192	5.1219	4.4463	4.7562	7.8767
In-107	10.7311	9.7921	10.5160	10.8082	11.4144	8.9163	11.0077	17.4956
In-108	17.4085	15.4772	16.8153	17.2855	19.4033	16.1836	18.2380	30.4917
In-108m	7.9398	7.1280	7.7056	7.9383	8.7054	6.9564	8.1291	13.5021
In-109	14.3241	13.2134	14.1226	14.5154	15.0189	11.4348	14.5010	23.2128

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
In-109m	2.6594	2.3257	2.5498	2.6417	3.1524	2.7022	2.8052	5.1902
In-110	18.7150	16.7989	18.1544	18.6959	20.6571	16.7736	19.1168	33.7508
In-110m	6.4766	5.8585	6.3055	6.5048	7.0908	5.6169	6.5361	11.3964
In-111	17.6584	16.2246	17.2851	17.6402	18.5388	14.4472	18.0703	27.8317
In-111m	3.2831	2.9257	3.1451	3.2543	3.7274	3.0754	3.3498	5.9963
In-112	3.8580	3.5998	3.8101	3.9213	3.9617	2.8523	3.6832	6.3682
In-112m	8.6193	8.0077	8.5111	8.7408	9.0919	6.3745	7.9841	15.1299
In-113m	5.1749	4.7184	5.0138	5.1668	5.6375	4.2962	4.9794	9.0261
In-114	0.0575	0.0534	0.0567	0.0584	0.0594	0.0434	0.0554	0.0944
In-114m	6.0898	5.5894	6.0006	6.2066	6.3533	4.5045	5.7544	10.4296
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	6.0708	5.5736	5.9686	6.1059	6.5165	4.8041	5.7516	10.4963
In-116m	4.2209	3.5177	3.9752	4.0864	5.0699	4.7567	4.8207	7.0816
In-117	6.4144	5.6867	6.1576	6.1874	7.2640	6.2349	6.8235	10.7538
In-117m	3.9681	3.6364	3.9015	3.9631	4.2628	3.1921	3.8206	6.7402
In-118m	5.2683	4.4047	4.9894	5.1482	6.3936	6.0048	6.0237	9.5832
In-118	0.1239	0.1025	0.1174	0.1214	0.1506	0.1429	0.1436	0.2045
In-119	5.0843	4.4047	4.8979	5.1303	5.4064	4.2362	5.0567	9.0156
In-119m	1.5433	1.3710	1.5083	1.5819	1.5415	1.0760	1.4350	2.4895
In-121	2.3065	1.9500	2.1777	2.2315	2.7681	2.5777	2.5970	4.6091
In-121m	6.3574	5.8405	6.1895	6.3862	6.8859	4.8630	5.7919	10.9516
Ir-180	14.9754	11.6978	13.9556	15.2198	13.1310	9.7285	14.5100	16.8643
Ir-182	15.6409	12.1685	14.5749	15.9319	13.4153	9.7765	15.0762	16.7339
Ir-183	21.4848	16.3803	19.8646	22.1676	17.5463	11.8844	20.0164	20.8404
Ir-184	22.8897	17.7874	21.2495	23.3501	19.8359	14.4775	22.0426	24.6546
Ir-185	26.6262	19.9200	24.6721	27.8879	20.4985	13.0013	24.3532	24.3499
Ir-186	22.0255	17.1562	20.4615	22.3795	19.1902	14.0506	21.1693	23.7847
Ir-186m	13.5329	10.4494	12.5445	13.8118	11.6191	8.3444	12.9008	14.5898
Ir-187	18.3302	13.7647	16.9185	19.0945	14.2491	9.0667	16.6735	16.8480
Ir-188	16.6421	12.8101	15.3715	16.9650	14.2835	10.2209	15.9051	17.1698
Ir-189	15.8933	11.8207	14.6799	16.6723	11.9413	7.2974	14.3355	13.9162
Ir-190	21.1840	16.7735	19.7040	21.5409	19.2875	14.5343	20.8211	24.8573
Ir-190m	6.1684	4.2834	5.7591	6.7727	3.9196	1.8506	5.2563	5.2045
Ir-190n	12.0280	9.0676	11.0953	12.5091	9.2953	5.8906	10.9444	10.5622
Ir-191m	15.8117	11.7529	14.7341	16.6551	11.5990	7.0161	14.4930	14.1684
Ir-192	7.5310	6.2685	7.1487	7.3897	7.9076	6.7823	7.8836	10.4227
Ir-192m	6.8384	4.8453	6.4047	7.4798	4.4072	2.1867	6.1483	5.8605
Ir-192n	14.2278	10.0951	13.3261	15.5539	9.1875	4.5789	12.8266	12.2050
Ir-193m	6.1140	4.2579	5.7093	6.7065	3.8993	1.8581	5.2414	5.1684
Ir-194	0.6286	0.5256	0.5995	0.6124	0.6782	0.5949	0.6666	0.8929

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ir-194m	15.2703	12.7248	14.4111	15.0931	16.2942	13.9572	15.9847	23.2340
Ir-195	11.8992	9.0360	11.1370	12.4949	9.0297	5.6596	11.0685	10.6140
Ir-195m	11.3277	8.8143	10.6196	11.7033	9.4282	6.5963	10.9072	11.6655
Ir-196	1.2347	1.0319	1.1618	1.2034	1.3493	1.1840	1.3077	1.9078
Ir-196m	18.9742	15.5654	17.7868	19.0088	19.1804	15.8033	19.4530	27.0851
K-38	1.5706	1.2354	1.4387	1.4751	1.9136	1.8051	1.9207	2.3579
K-40	0.2763	0.2125	0.2573	0.2768	0.2803	0.2381	0.2945	0.3520
K-42	0.3173	0.2571	0.2936	0.2983	0.3831	0.3641	0.3767	0.4743
K-43	4.5767	3.9425	4.3053	4.4300	5.4436	4.9418	4.9766	8.1174
K-44	2.6541	2.1682	2.4872	2.5581	3.2408	3.0706	3.1448	4.5012
K-45	3.9664	3.3818	3.7765	3.7855	4.5800	4.2398	4.7399	5.9103
K-46	2.5173	2.0340	2.3597	2.4327	3.0939	2.9443	3.0335	3.7837
Kr-74	10.5610	8.6211	10.1253	10.8811	9.0014	6.6616	11.3328	11.1747
Kr-75	7.0916	5.9615	6.8345	7.0127	6.3916	5.1788	7.8934	8.4923
Kr-76	17.8650	14.4510	17.0702	18.7004	14.3883	10.3048	20.2891	18.6663
Kr-77	7.0282	5.9256	6.7837	6.8525	6.3722	5.2789	7.8410	8.4736
Kr-79	11.3553	8.9869	10.8012	12.0481	8.3647	5.5226	13.0012	11.2834
Kr-81	10.5401	8.2564	10.0352	11.2955	7.2866	4.4719	12.0790	9.7741
Kr-81m	5.1178	4.3782	4.9718	5.2972	4.4677	3.5402	6.5735	5.9614
Kr-83m	4.7999	3.7014	4.5581	5.1609	3.2757	1.9574	5.2842	4.3926
Kr-85	0.0102	0.0089	0.0096	0.0099	0.0119	0.0108	0.0112	0.0184
Kr-85m	3.8041	3.3164	3.6725	3.6467	3.7808	3.3142	4.4957	4.8938
Kr-87	1.7851	1.5159	1.6492	1.7067	2.1153	1.9358	1.9952	3.0319
Kr-88	4.2940	3.6692	4.1109	4.2745	4.4447	3.8963	5.4566	6.0416
Kr-89	3.7118	3.1369	3.5036	3.6096	4.3427	4.0071	4.3836	6.2201
La-128	9.2124	7.9439	8.7783	9.0355	10.2829	9.5254	10.1353	13.8916
La-129	8.3375	7.3645	8.1180	8.4191	8.3116	7.6719	8.7807	9.1804
La-130	7.6658	6.6360	7.3374	7.5786	8.3476	7.7118	8.2617	10.9470
La-131	12.4463	11.0189	12.1451	12.6471	12.2561	11.2832	12.9757	13.2788
La-132	9.1691	7.9967	8.8170	9.2070	9.5356	8.8096	9.7906	11.7340
La-132m	10.7602	9.2907	10.4210	10.8357	10.5056	9.3766	11.2395	12.5114
La-133	10.8967	9.2832	10.5963	11.3561	9.6555	8.3888	10.9971	10.2090
La-134	3.5421	3.1369	3.4724	3.6474	3.3527	3.1120	3.6828	3.4389
La-135	9.1849	8.1470	9.0175	9.4784	8.5906	7.9768	9.5188	8.5897
La-136	5.9975	5.3185	5.8875	6.1866	5.6219	5.2234	6.2216	5.6516
La-137	8.8839	7.8689	8.7211	9.1747	8.2800	7.6714	9.1918	8.2645
La-138	6.7147	5.7862	6.4979	6.8172	6.7060	6.1886	7.1391	7.6871
La-140	4.5179	3.7813	4.2227	4.3159	5.3088	4.9215	5.1116	7.4497
La-141	0.0334	0.0272	0.0313	0.0322	0.0406	0.0387	0.0394	0.0507
La-142	2.8517	2.3544	2.6717	2.7566	3.4836	3.2326	3.3484	4.9976

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
La-143	0.4204	0.3497	0.3945	0.4068	0.5099	0.4753	0.4822	0.7510
Lu-165	17.4964	14.1673	16.6333	17.9919	16.1685	12.2007	16.8158	18.0106
Lu-167	20.0206	16.1952	19.0348	20.7032	18.3987	13.8786	19.2292	21.5818
Lu-169m	4.5546	3.1351	4.2467	5.0090	2.8767	1.3280	3.7890	3.8170
Lu-169	17.8878	14.2834	16.9505	18.5413	16.3252	12.1163	17.0917	18.3560
Lu-170	15.2119	12.0113	14.3821	15.7503	13.9250	10.4076	14.6139	15.7792
Lu-171m	4.8130	3.3185	4.4880	5.2894	3.0521	1.4197	4.0089	4.0368
Lu-171	25.4611	20.0436	24.1313	26.7499	21.3555	14.7826	23.7101	24.9363
Lu-172	21.5406	17.0605	20.4056	22.3230	19.5856	14.5944	20.5968	23.6520
Lu-172m	4.0952	2.8186	3.8182	4.5038	2.5864	1.1937	3.4058	3.4317
Lu-173	19.4135	15.5616	18.4418	20.2047	17.3203	12.4406	18.0500	18.0471
Lu-174	11.9822	9.3355	11.3351	12.6213	10.0740	6.8243	10.8719	10.7661
Lu-174m	18.0362	13.5032	16.9171	19.2197	13.8717	8.5724	16.0099	15.8720
Lu-176	13.1533	10.4305	12.5294	13.6193	11.7618	8.7851	13.0142	14.3584
Lu-176m	3.6796	2.7256	3.4625	3.9323	2.7357	1.6249	3.1945	3.2109
Lu-177	1.6975	1.3467	1.6123	1.7636	1.4781	1.0749	1.6492	1.7507
Lu-177m	29.8838	24.0934	28.2186	30.4791	27.5108	21.0184	29.4394	32.3856
Lu-178	2.3207	1.7477	2.1848	2.4586	1.8377	1.1898	2.0783	2.1460
Lu-178m	21.6088	17.6435	20.5990	22.0011	20.4841	15.9219	21.1292	24.4526
Lu-179	0.5224	0.4443	0.5033	0.5291	0.5363	0.4557	0.5996	0.6786
Lu-180	9.2470	7.3521	8.7121	9.4443	8.7782	6.9229	9.2007	11.1104
Lu-181	13.3787	10.2619	12.5890	14.0507	11.1812	7.7069	12.4686	13.9904
Mg-27	2.0026	1.6787	1.8873	1.9339	2.4306	2.2916	2.2762	4.1535
Mg-28	9.5758	8.7387	9.3608	9.5713	10.3471	9.6322	10.1497	12.9273
Mn-50m	6.3781	5.2932	6.0102	6.1807	7.7432	7.2993	7.3377	11.7331
Mn-51	0.1178	0.0825	0.1100	0.1283	0.0803	0.0429	0.1010	0.1096
Mn-52	8.3244	6.5501	7.8072	8.3858	8.6025	7.3127	8.7278	12.9658
Mn-52m	1.7982	1.4546	1.6786	1.7278	2.1432	2.0233	2.1052	2.6641
Mn-53	3.6805	2.5318	3.4313	4.0481	2.3236	1.0708	3.0564	3.0829
Mn-54	5.7045	4.2282	5.3374	6.0047	4.7811	3.3740	5.3486	7.3303
Mn-56	2.6875	2.2213	2.5127	2.5732	3.2648	3.0774	3.0946	5.2188
Mn-57	7.4236	5.6489	7.0345	7.9144	5.2401	3.2812	7.4630	7.0813
Mn-58m	4.3669	3.6371	4.0999	4.2177	5.2938	4.9757	5.0075	8.0282
Mo-101	5.8890	4.8753	5.6079	5.9442	5.8928	4.9775	6.3889	8.3395
Mo-102	0.3743	0.3363	0.3651	0.3650	0.3902	0.3517	0.4486	0.5072
Mo-89	0.8323	0.7358	0.8027	0.8310	0.8173	0.7440	1.0497	1.2060
Mo-90	22.5067	20.6497	22.0233	22.5773	18.9468	16.8412	29.3991	25.7495
Mo-91m	2.8382	2.4742	2.7199	2.8143	3.0003	2.7371	3.4467	4.3805
Mo-91	0.8284	0.7695	0.8149	0.8462	0.6349	0.5560	1.1312	0.8808
Mo-93	12.5063	11.6428	12.3155	12.7942	9.4766	8.2755	17.1003	13.1918

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Mo-93m	9.6936	8.5656	9.3046	9.5786	9.8265	8.9077	11.7906	13.6604
Mo-99	1.4346	1.2950	1.3965	1.4198	1.4408	1.2794	1.6943	2.0315
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	0.9854	0.7594	0.8991	0.9444	1.2799	1.1102	1.2557	1.5047
Na-22	1.7545	1.4357	1.6672	1.7255	2.1459	2.0598	2.0697	2.6655
Na-24	3.2184	2.5852	3.0066	3.0982	3.9865	3.7857	4.0470	4.8576
Nb-87	12.6370	11.5494	12.4393	12.8487	10.6663	9.4151	17.1868	14.7720
Nb-88m	8.3544	7.1303	7.8745	8.1247	9.5772	8.8836	9.6603	14.5652
Nb-88	17.8265	15.8192	17.1992	17.7315	17.2994	15.6328	22.3094	25.2894
Nb-89	3.7107	3.3655	3.6187	3.7678	3.0085	2.6704	5.1201	4.1954
Nb-89m	4.6312	4.1547	4.4538	4.6363	4.3192	3.8493	5.8794	6.4468
Nb-90	15.8615	14.1618	15.3887	15.7655	14.1876	12.8067	20.9091	19.6072
Nb-91	12.8249	11.8452	12.6060	13.1575	9.4712	8.2405	18.0680	13.4289
Nb-91m	10.6835	9.9240	10.5155	10.9332	8.1033	7.0630	14.5776	11.2747
Nb-92	16.5936	15.0150	16.1346	16.7964	14.2070	12.6316	22.1308	21.2661
Nb-92m	14.8875	13.5771	14.5518	15.1522	11.9377	10.5729	20.4329	17.6262
Nb-93m	2.4868	2.2534	2.4355	2.5636	1.8523	1.5514	3.2639	2.5680
Nb-94m	8.5704	7.9537	8.4341	8.7747	6.4882	5.6407	11.6620	9.0296
Nb-94	4.0753	3.4427	3.8487	3.9632	4.9602	4.6047	4.5867	8.4047
Nb-95	2.0670	1.7442	1.9502	2.0059	2.5176	2.3387	2.3330	4.3145
Nb-95m	9.1324	8.4606	8.9701	9.3087	7.1932	6.3212	12.3804	9.9266
Nb-96	6.7138	5.6949	6.3264	6.5205	8.0529	7.4695	7.5680	12.8741
Nb-97	2.1439	1.8322	2.0336	2.1100	2.6228	2.3803	2.3724	4.2920
Nb-98m	6.5356	5.5127	6.1711	6.3328	7.8153	7.2690	7.4568	12.4312
Nb-99	12.3082	11.3477	12.1270	12.2170	11.0101	9.6366	14.7617	13.9906
Nb-99m	2.5406	2.2576	2.4514	2.5186	2.5522	2.2866	3.0532	3.3979
Nd-134	12.0529	10.5666	11.7585	12.1905	12.0859	10.5668	13.0309	13.5606
Nd-135	13.9008	11.9748	13.5006	14.2750	13.7471	11.6124	14.9974	16.0608
Nd-136	16.1939	14.0609	15.8228	16.6919	15.6141	13.1498	16.9774	16.9198
Nd-137	13.6263	11.8794	13.2783	13.8879	13.6175	11.8227	14.4970	15.3689
Nd-138	8.8167	7.7069	8.6345	9.1236	8.4372	7.2342	9.3400	8.8524
Nd-139	7.0753	6.1773	6.9097	7.2931	6.8726	5.9270	7.5142	7.4433
Nd-139m	16.8287	14.6310	16.3664	17.0895	17.1306	15.0116	17.9663	20.6017
Nd-140	8.4918	7.4167	8.3159	8.7993	8.0908	6.9198	8.9783	8.4559
Nd-141	8.4640	7.3992	8.2896	8.7647	8.0881	6.9330	8.9628	8.4607
Nd-141m	2.5902	2.2020	2.4682	2.5630	2.9771	2.6941	2.8664	4.6502
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	6.5354	5.7045	6.4117	6.7077	6.5281	5.3423	6.8050	7.1043
Nd-149	7.3023	6.3354	7.0813	7.3492	7.5528	6.4427	7.9596	9.0452
Nd-151	6.8029	5.9097	6.5814	6.7029	7.2627	6.3825	7.3396	9.0901

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Nd-152	4.2478	3.5878	4.0697	4.3229	3.8450	3.1546	4.7851	4.9386
Ne-19	0.0005	0.0005	0.0005	0.0005	0.0006	0.0005	0.0005	0.0006
Ne-24	2.4930	2.1540	2.3177	2.4032	2.9321	2.6646	2.7024	4.4724
Ni-56	14.3396	11.2373	13.4900	14.5727	13.2240	10.3282	14.2946	18.7492
Ni-57	5.9034	4.3825	5.5353	6.1399	4.9536	3.5871	5.6444	6.4010
Ni-59	6.3815	4.3897	5.9494	7.0189	4.0287	1.8567	5.2994	5.3453
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.8374	0.6904	0.7840	0.8018	1.0086	0.9555	0.9701	1.3659
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	26.5893	22.7875	25.7477	27.4115	22.2736	17.6229	30.9707	29.6733
Np-233	12.8717	11.0800	12.5272	13.3912	10.3618	7.8937	14.8108	12.9277
Np-234	18.4211	15.7119	17.8265	19.1049	14.8971	11.5046	21.5308	19.2343
Np-235	9.4676	7.8649	9.1164	9.9919	6.8000	4.7963	11.0844	9.2219
Np-236	37.0092	31.7554	35.8933	38.5473	28.5354	21.5888	43.7840	37.3929
Np-236m	8.0497	6.9229	7.8275	8.3857	6.3846	4.8405	9.3302	8.0897
Np-237	16.3834	14.0320	15.9022	17.1128	12.6551	9.4946	19.2814	16.8522
Np-238	9.2222	7.9143	8.9133	9.5485	7.4478	5.8405	10.8733	10.5055
Np-239	19.4928	16.6009	18.8789	20.2620	15.6846	11.8804	21.8743	20.0890
Np-240	27.0887	23.3729	26.2171	27.9935	22.2023	17.4107	31.6086	30.4010
Np-240m	8.2940	7.1379	8.0136	8.5922	6.6988	5.2099	9.7477	9.3025
Np-241	5.0910	4.3992	4.9496	5.2769	4.1086	3.1609	5.8504	5.2747
Np-242	1.6744	1.4284	1.6098	1.7135	1.4664	1.1991	1.9659	2.0770
Np-242m	25.8576	22.2876	25.0225	26.7394	20.8770	16.2924	30.3100	28.8028
O-14	1.5384	1.2130	1.4134	1.4530	1.9013	1.7718	1.9434	2.3398
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	3.8346	3.3535	3.7531	3.8499	4.3698	3.9898	4.8046	5.6835
Os-180	18.5320	14.1403	17.2747	19.4373	14.2506	9.0534	16.8258	16.7518
Os-181	22.4375	17.3106	20.8017	23.0355	19.0811	13.5101	21.1754	22.9453
Os-182	18.4867	14.0961	17.1788	19.2212	15.0145	10.0703	17.1109	18.1038
Os-183	24.0034	18.5813	22.1891	24.5799	20.2653	14.1146	22.1947	23.4429
Os-183m	12.9296	9.8720	11.9542	13.3294	10.8337	7.5237	12.0204	12.9669
Os-185	12.6917	9.7587	11.7467	13.0839	10.8172	7.5370	11.7905	13.3596
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	5.9302	4.1069	5.5344	6.5144	3.7613	1.7638	5.0166	4.9932
Os-190m	19.1005	14.9954	17.9487	19.6901	17.2617	13.0102	18.8992	23.8430
Os-191	16.1113	12.0271	15.0066	16.9116	11.9490	7.3308	14.7964	14.4947
Os-191m	6.7288	4.7465	6.2636	7.3102	4.4527	2.2582	5.7999	5.7111
Os-193	3.8826	2.9429	3.6231	4.0494	3.0256	1.9630	3.6109	3.6944
Os-194	5.5344	3.9859	5.2013	6.0292	3.7381	1.9879	5.0016	4.8264
Os-196	2.7796	2.1799	2.5857	2.8221	2.3751	1.7059	2.6682	2.8468

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
P-30	0.0016	0.0012	0.0015	0.0016	0.0017	0.0015	0.0018	0.0021
P-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pa-227	7.3195	6.1192	7.0410	7.6466	5.5185	4.0042	8.5343	7.1062
Pa-228	31.9686	27.0156	30.8707	33.1690	25.6858	19.7063	37.5369	34.3570
Pa-229	12.8316	10.8843	12.4655	13.4014	10.0086	7.4159	14.8555	12.6129
Pa-230	19.5287	16.5759	18.8971	20.2925	15.6158	11.9370	22.9130	20.7591
Pa-231	16.4460	13.5688	15.8212	17.3550	12.1663	8.4709	18.7980	16.8039
Pa-232	14.8684	12.6958	14.3256	15.3213	12.2655	9.7399	17.6459	17.2940
Pa-233	16.4031	13.9509	15.8870	17.0360	13.0369	9.9322	19.0823	16.9589
Pa-234	29.7363	25.4461	28.7366	30.6712	24.4903	19.3145	35.0479	33.3667
Pa-234m	0.2274	0.1935	0.2195	0.2351	0.1880	0.1479	0.2665	0.2578
Pa-235	2.1520	1.4832	2.0069	2.3661	1.3604	0.6301	1.7966	1.8052
Pa-236	10.0672	8.5739	9.7001	10.3979	8.3650	6.6174	11.9405	11.5694
Pa-237	3.5594	2.8186	3.3536	3.6558	3.3180	2.6249	3.6456	5.0673
Pb-194	18.2409	14.5854	17.3636	18.7759	15.4959	11.1769	18.4807	19.0676
Pb-195m	25.0835	19.9499	23.7402	25.8936	21.2474	15.4287	25.7244	27.9330
Pb-196	18.1382	14.5067	17.2485	18.6676	15.1832	10.8228	18.2752	18.4230
Pb-197	14.8829	11.9171	14.1093	15.2048	13.0480	9.7022	15.0646	16.3697
Pb-197m	22.4478	17.9214	21.3018	23.1646	18.9813	13.7502	23.0337	24.3696
Pb-198	17.6746	14.1077	16.8219	18.1913	14.7338	10.4832	17.7913	17.8582
Pb-199	14.0817	11.2440	13.3754	14.4354	12.0565	8.7686	14.1544	14.8218
Pb-200	19.3131	15.3001	18.3894	19.9834	15.4270	10.5721	19.3886	18.5615
Pb-201	15.9668	12.7872	15.2111	16.3505	13.7339	10.0421	16.0368	16.9310
Pb-201m	5.9173	4.7713	5.6586	6.1141	5.1144	3.7302	6.0947	6.7038
Pb-202	5.9232	4.2013	5.5485	6.4775	3.8190	1.8998	5.3394	5.0802
Pb-202m	11.0742	9.1151	10.4447	11.1211	11.0299	9.1824	11.9831	16.3796
Pb-203	15.0984	12.0549	14.3631	15.5160	12.6011	8.9947	15.1965	15.0243
Pb-204m	7.6035	6.3610	7.1735	7.4439	8.3978	7.4944	8.3309	12.9379
Pb-205	5.9949	4.2524	5.6157	6.5558	3.8654	1.9232	5.4048	5.1420
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	6.4898	4.9920	6.1643	6.9774	4.5076	2.7285	6.9122	5.9263
Pb-211	0.4144	0.3454	0.3913	0.4131	0.4200	0.3523	0.4452	0.6069
Pb-212	6.4034	5.2776	6.1696	6.5624	5.5158	4.1363	6.8812	6.6747
Pb-214	6.2049	5.0726	5.9493	6.3428	5.4384	4.1380	6.6011	6.8485
Pd-100	25.2329	23.7214	25.0445	25.3303	23.7985	19.3674	26.2652	28.9122
Pd-101	21.4760	20.2040	21.1985	21.7452	19.9595	16.1576	22.7153	26.1795
Pd-103	11.0432	10.4414	10.9238	11.2175	10.0387	8.0736	11.6791	12.9469
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	5.7301	5.3168	5.6604	5.7908	5.7023	4.6282	6.2298	7.8676

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pd-109	5.6160	5.2053	5.5444	5.7280	5.4628	3.9799	5.4604	8.2231
Pd-111	0.2702	0.2407	0.2592	0.2652	0.2975	0.2508	0.2819	0.4277
Pd-112	5.0560	4.6747	4.9741	5.1772	4.0863	3.4000	6.1165	5.3315
Pd-114	0.5226	0.4699	0.5086	0.5015	0.5551	0.4863	0.5739	0.7649
Pd-96	13.4700	12.3648	13.1889	13.3155	13.3049	11.3701	14.4384	18.2701
Pd-97	8.2353	7.3841	7.9323	8.1239	8.5808	7.5268	9.1179	11.5617
Pd-98	17.6082	16.4520	17.3593	17.6952	16.7531	13.7951	18.4533	21.1939
Pd-99	11.1513	10.2451	10.9128	10.9694	10.9558	9.3739	12.0214	14.4880
Pm-136	7.8875	6.7537	7.4712	7.6979	9.1184	8.2800	8.6241	13.4990
Pm-137m	15.7246	13.6963	15.2579	15.8560	16.3074	14.1253	16.9940	19.4428
Pm-139	3.8766	3.3608	3.7561	3.9581	3.8994	3.3206	4.1271	4.4906
Pm-140m	9.7796	8.3567	9.2920	9.6725	10.9263	9.8447	10.7085	15.7566
Pm-140	1.2892	1.1120	1.2493	1.3137	1.3164	1.1343	1.3915	1.5836
Pm-141	4.6176	3.9995	4.5069	4.7690	4.5089	3.7933	4.9384	4.9101
Pm-142	2.0667	1.7915	2.0179	2.1371	2.0012	1.6741	2.2016	2.1432
Pm-143	9.2150	7.9786	8.9863	9.5130	9.0322	7.5899	9.8131	10.2006
Pm-144	13.8862	11.9905	13.4002	14.0985	14.6622	12.6784	14.9300	19.1256
Pm-145	8.7016	7.5032	8.4949	9.0370	8.2494	6.7825	9.1454	8.7781
Pm-146	8.4116	7.2695	8.1067	8.5336	8.7084	7.5066	9.0136	10.9653
Pm-147	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0004	0.0004
Pm-148	1.1787	0.9903	1.1051	1.1391	1.4153	1.3125	1.3337	2.1033
Pm-148m	8.2392	7.0532	7.8063	8.1087	9.6259	8.6207	8.9878	14.6683
Pm-149	0.1599	0.1320	0.1523	0.1603	0.1593	0.1323	0.1675	0.2053
Pm-150	4.1001	3.4614	3.8978	3.9582	4.8109	4.4449	4.5678	6.6737
Pm-151	6.1745	5.3008	5.9606	6.2248	6.3591	5.2682	6.5813	7.6988
Pm-152m	10.6170	9.0642	10.1928	10.4993	11.2344	9.7824	11.6533	14.2409
Pm-152	2.2992	1.9563	2.2231	2.2943	2.3519	1.9872	2.4452	3.0163
Pm-153	5.7200	4.8937	5.5769	5.8201	5.4234	4.4217	5.8252	6.3374
Pm-154	6.2877	5.2075	6.0375	6.3567	6.4504	5.3779	6.6891	8.1384
Pm-154m	10.9824	9.2824	10.5631	11.0396	11.3869	9.5731	11.8306	14.0357
Po-203	17.6550	14.4060	16.9856	18.1750	15.1861	11.3734	19.0197	19.6469
Po-204	33.8864	27.0377	32.4306	35.2625	27.2303	19.0125	35.1843	34.4644
Po-205	16.4780	13.4225	15.8461	16.9185	14.3009	10.7252	17.4715	18.6526
Po-206	25.5105	20.5037	24.4361	26.5209	20.7992	14.8594	27.1867	27.0277
Po-207	14.9001	12.1659	14.3337	15.2891	12.9700	9.7450	15.7566	16.9125
Po-208	0.0006	0.0005	0.0006	0.0006	0.0005	0.0004	0.0007	0.0006
Po-209	0.4155	0.3004	0.3903	0.4483	0.2892	0.1620	0.3710	0.3773
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
Po-211	0.0262	0.0221	0.0247	0.0257	0.0304	0.0275	0.0289	0.0490
Po-212m	0.0887	0.0732	0.0829	0.0861	0.1067	0.0966	0.1057	0.1491

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Po-212	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002
Po-214	0.0002	0.0002	0.0002	0.0002	0.0003	0.0002	0.0003	0.0005
Po-215	0.0011	0.0010	0.0010	0.0011	0.0012	0.0011	0.0012	0.0018
Po-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
Po-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-134	12.3495	10.6655	11.7773	12.1811	13.8410	12.5801	13.5595	19.1574
Pr-134m	5.8109	4.9988	5.4879	5.7098	6.4364	5.8506	6.3260	8.6039
Pr-135	10.6694	9.3863	10.4521	10.8890	10.5440	9.3465	11.3374	11.4488
Pr-136	7.8861	6.8262	7.5583	7.8995	8.4811	7.6430	8.5426	11.1316
Pr-137	6.8634	6.0297	6.7206	7.0806	6.5704	5.8116	7.2505	6.8749
Pr-138	2.2871	2.0083	2.2394	2.3597	2.1935	1.9413	2.4180	2.3123
Pr-138m	14.3817	12.4201	13.8942	14.4092	15.2048	13.8144	15.6061	19.6305
Pr-139	8.0833	7.1084	7.9252	8.3585	7.6772	6.7775	8.5225	7.8873
Pr-140	4.3157	3.7956	4.2314	4.4624	4.0991	3.6191	4.5502	4.2110
Pr-142	0.0641	0.0518	0.0589	0.0598	0.0768	0.0728	0.0761	0.0946
Pr-142m	0.2896	0.1992	0.2700	0.3185	0.1828	0.0843	0.2405	0.2426
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0447	0.0371	0.0419	0.0432	0.0545	0.0504	0.0513	0.0821
Pr-144m	4.4469	3.6774	4.3021	4.6782	3.8807	3.0422	4.4492	4.2550
Pr-145	0.1452	0.1252	0.1403	0.1465	0.1517	0.1312	0.1554	0.1902
Pr-146	2.3141	1.9572	2.1566	2.2270	2.7475	2.5317	2.5890	3.9937
Pr-147	13.2770	11.5232	12.9782	13.5943	13.1486	11.0432	13.9812	14.5709
Pr-148	3.2570	2.7665	3.1085	3.1459	3.7759	3.4875	3.6515	5.1184
Pr-148m	5.2082	4.4749	4.9565	5.0308	5.9944	5.4712	5.7283	8.3006
Pt-184	39.0298	29.8833	36.3393	40.4321	31.2765	20.8273	36.6411	37.3323
Pt-186	17.7984	13.6862	16.5169	18.3537	14.7058	10.0487	16.7585	17.9551
Pt-187	24.2841	18.6073	22.5671	25.1216	19.5327	13.0366	22.7204	23.0457
Pt-188	18.8180	14.3178	17.4891	19.5836	14.7816	9.6032	17.6191	17.4226
Pt-189	24.1869	18.4317	22.4555	25.0847	19.1872	12.5737	22.4564	22.6542
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	22.4759	17.1488	20.8240	23.2484	17.8145	11.6392	20.7849	20.6695
Pt-193	6.3137	4.4447	5.9073	6.9145	4.0500	1.9783	5.5809	5.3838
Pt-193m	8.3188	5.9748	7.7716	8.9910	5.6155	2.9810	7.4208	7.1553
Pt-195m	22.5861	16.7946	21.1335	23.9987	16.3658	9.6844	20.7064	19.8687
Pt-197	6.2685	4.7145	5.9507	6.6932	4.5012	2.6707	5.9524	5.6350
Pt-197m	15.0226	11.1613	14.0527	15.9692	10.8389	6.4080	14.0186	13.3751
Pt-199	2.4034	1.9245	2.2718	2.4583	2.1972	1.6880	2.4493	2.9784
Pt-200	8.9542	6.8225	8.4542	9.4327	6.7492	4.2393	8.4974	8.2027
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pu-232	9.7093	8.3862	9.4503	10.0901	7.8371	5.9989	11.1353	9.8359
Pu-234	11.7109	10.0844	11.3879	12.1867	9.3545	7.1167	13.4615	11.8314
Pu-235	16.7296	14.3783	16.2563	17.4279	13.2700	10.0580	19.2902	16.8856
Pu-236	2.9385	2.5050	2.8433	3.0809	2.1512	1.5897	3.5557	2.9131
Pu-237	13.5106	11.5168	13.0855	14.1063	10.4729	7.8030	15.5978	13.5386
Pu-238	2.7150	2.3138	2.6269	2.8468	1.9864	1.4672	3.2864	2.6911
Pu-239	1.5672	1.2656	1.5013	1.6651	1.1048	0.7412	1.7352	1.4883
Pu-240	2.5532	2.1762	2.4704	2.6771	1.8685	1.3804	3.0902	2.5309
Pu-241	0.0004	0.0004	0.0004	0.0005	0.0003	0.0002	0.0005	0.0004
Pu-242	2.1891	1.8658	2.1181	2.2953	1.6020	1.1834	2.6495	2.1700
Pu-243	4.2764	3.7207	4.1980	4.4016	3.5421	2.7035	4.7335	4.3764
Pu-244	1.8649	1.5899	1.8036	1.9513	1.3863	1.0348	2.2533	1.8793
Pu-245	6.5955	5.7203	6.3900	6.6920	5.9912	4.9301	7.4345	8.0362
Pu-246	15.9543	13.9205	15.5449	16.4711	13.6326	10.7015	18.2268	17.2741
Ra-219	4.1049	3.4477	3.9950	4.1728	3.6850	2.9149	4.4777	4.5891
Ra-220	0.0281	0.0242	0.0263	0.0275	0.0312	0.0275	0.0305	0.0459
Ra-221	6.9061	5.6198	6.6383	7.2520	5.1634	3.6017	7.8016	6.7462
Ra-222	0.1039	0.0883	0.1005	0.1020	0.1074	0.0935	0.1138	0.1386
Ra-223	10.2394	8.4029	9.9114	10.6331	8.2697	5.9698	10.9377	10.2014
Ra-224	0.2277	0.1939	0.2178	0.2292	0.2143	0.1802	0.2684	0.2734
Ra-225	6.0191	5.2011	5.8615	6.2717	5.1581	3.9949	7.1688	6.2613
Ra-226	1.6846	1.3857	1.6470	1.7392	1.9562	1.9321	2.0804	2.0139
Ra-227	15.9495	13.3482	15.3836	16.7012	12.5010	9.0088	18.0643	17.3029
Ra-228	1.6954	1.4023	1.6681	1.7454	1.9617	1.9495	2.0961	2.0030
Ra-230	5.5222	4.5848	5.3054	5.7231	4.4495	3.2780	6.1038	5.5482
Rb-77	6.9737	5.9769	6.5165	6.7886	6.8533	5.6528	7.9156	8.1508
Rb-78m	5.8251	4.9460	5.4803	5.6804	6.7309	6.1052	6.5611	9.7173
Rb-78	4.7941	3.9961	4.4955	4.7221	5.2417	4.6504	5.7406	7.2991
Rb-79	9.4765	8.0646	9.1067	9.5739	8.5012	6.8882	11.6125	11.7290
Rb-80	0.7871	0.6701	0.7483	0.7872	0.8795	0.7690	0.8990	1.3859
Rb-81	8.4212	7.0421	8.0728	8.8076	6.5211	4.7349	10.7448	8.9904
Rb-81m	8.0227	7.0064	7.8007	8.3648	6.0066	4.5262	11.1078	8.1004
Rb-82	0.7972	0.6664	0.7606	0.8134	0.7390	0.6058	0.9819	1.1394
Rb-82m	14.8163	12.4267	14.1293	15.0865	14.0105	11.5835	18.0822	20.9554
Rb-83	12.5568	10.4613	12.0192	13.1150	9.9639	7.3105	15.7188	13.9658
Rb-84	8.4129	7.0118	8.0680	8.7652	6.7440	5.0573	10.7197	9.7299
Rb-84m	6.7168	5.8693	6.4318	6.7593	6.2895	5.3755	8.7154	8.5018
Rb-86m	2.3715	2.0465	2.2340	2.3268	2.7561	2.4721	2.6455	4.3121
Rb-86	0.1632	0.1356	0.1542	0.1585	0.1974	0.1883	0.1878	0.3098
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Rb-88	0.7039	0.5712	0.6524	0.6666	0.8525	0.8091	0.8272	1.2139
Rb-89	3.0867	2.5450	2.9068	2.9910	3.7558	3.5603	3.6139	5.4933
Rb-90	1.6268	1.3294	1.5199	1.5654	2.0095	1.8805	1.9446	3.0010
Rb-90m	4.0619	3.3566	3.8148	3.9280	4.8614	4.5548	4.8515	7.3418
Re-178	16.4079	12.6240	15.2995	17.0112	13.8359	9.6884	15.3936	16.3353
Re-179	18.7542	14.6076	17.4390	19.2280	16.3367	11.7879	17.7001	19.5522
Re-180	18.3547	14.0412	17.0882	19.0723	15.3241	10.5430	16.8655	18.7033
Re-181	21.8870	16.8433	20.3220	22.6014	18.4428	12.7929	20.1967	21.8359
Re-182	38.9265	30.2398	36.3192	40.0750	33.2458	23.6068	36.7130	38.5900
Re-182m	22.0395	17.0218	20.4736	22.7043	18.6097	12.9227	20.3104	21.0007
Re-183	24.2307	18.2961	22.5559	25.4115	19.0382	12.1843	21.8323	21.7407
Re-184	16.3390	12.5508	15.1910	16.8996	13.7732	9.5752	15.0951	16.7818
Re-184m	19.5743	14.7121	18.2177	20.5426	15.3510	9.8840	17.6978	18.2863
Re-186	2.2213	1.6958	2.0717	2.2921	1.7666	1.1806	2.0496	2.0982
Re-186m	17.6783	12.5472	16.5047	19.2254	11.8740	6.1581	15.3086	15.1253
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	1.7300	1.3534	1.6200	1.7565	1.4821	1.0807	1.6819	1.8510
Re-188m	17.6667	13.0399	16.3603	18.6587	13.1324	7.8522	15.5567	15.3238
Re-189	2.4243	1.8565	2.2730	2.5348	1.9633	1.3452	2.3506	2.4583
Re-190	9.4488	7.8675	8.9087	9.4111	9.9269	8.4380	10.1607	13.9427
Re-190m	13.4217	10.5472	12.5335	13.7296	12.0298	8.9636	13.0103	15.6004
Rh-100m	15.1435	14.2204	14.9645	15.3750	13.8484	11.2619	15.9632	17.4638
Rh-100	15.8326	14.4326	15.3908	15.8568	15.2776	13.1724	18.0750	20.6883
Rh-101	17.8316	16.5538	17.6024	17.8519	16.4410	14.0384	20.5104	21.4532
Rh-101m	13.8030	12.8229	13.5861	13.8977	12.6044	10.6432	15.6097	16.2858
Rh-102	8.6773	8.0640	8.4951	8.7580	7.9506	6.7053	9.8330	10.6538
Rh-102m	18.3929	16.7311	17.8454	18.4093	18.1990	15.7700	20.7414	25.9008
Rh-103m	1.6111	1.4116	1.5690	1.6729	1.3452	0.9883	1.6061	1.7437
Rh-104	0.1005	0.0909	0.0971	0.1003	0.1027	0.0893	0.1124	0.1482
Rh-104m	13.7134	12.8339	13.5422	13.9202	13.1286	10.6679	14.3284	15.4564
Rh-105	0.6946	0.6021	0.6743	0.6655	0.7879	0.7162	0.7507	1.0236
Rh-106	0.7725	0.6658	0.7262	0.7533	0.9195	0.8326	0.8449	1.4403
Rh-106m	8.0969	6.9001	7.6052	7.8484	9.6539	8.8852	9.0356	14.8974
Rh-107	2.6830	2.3304	2.5777	2.5708	3.0466	2.7733	2.9335	4.0208
Rh-108	1.5428	1.3365	1.4377	1.4915	1.8153	1.6390	1.6627	2.7441
Rh-109	4.2668	3.8245	4.1489	4.1778	4.5649	3.9721	4.5840	6.0538
Rh-94	4.7960	4.0132	4.5240	4.6165	5.6896	5.3360	5.5291	8.0724
Rh-95	6.1721	5.4955	5.9612	6.1311	6.3360	5.6448	7.0971	8.9965
Rh-95m	3.3490	2.9797	3.2045	3.3126	3.6312	3.1892	3.6758	5.3447
Rh-96	11.2938	9.8852	10.8182	11.1564	12.5082	11.2477	12.7611	19.2643

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Rh-96m	6.5479	5.9893	6.3929	6.5778	6.3647	5.3581	7.0911	8.7441
Rh-97	7.6415	6.9613	7.3872	7.6155	7.4856	6.4834	8.6051	10.3219
Rh-97m	13.6155	12.4647	13.3025	13.6685	13.0174	11.1987	15.7296	17.1879
Rh-98	3.4965	3.0783	3.3575	3.4724	3.8647	3.4363	3.9244	5.8723
Rh-99	20.0366	18.6700	19.7393	20.2221	18.3195	15.3676	22.4737	23.5978
Rh-99m	13.7764	12.7574	13.5246	13.8674	12.7289	10.7980	15.5908	16.6895
Rn-207	12.1665	10.1392	11.7628	12.4271	10.8902	8.4807	13.1640	14.2689
Rn-209	13.8658	11.5356	13.3792	14.1780	12.3086	9.5312	15.0163	16.0528
Rn-210	1.3028	1.0692	1.2550	1.3498	1.0847	0.8021	1.4203	1.4180
Rn-211	15.8582	13.1147	15.2632	16.2527	14.1924	11.1179	17.4604	19.1000
Rn-212	0.0011	0.0010	0.0011	0.0011	0.0013	0.0012	0.0012	0.0022
Rn-215	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0030	0.0025	0.0028	0.0029	0.0035	0.0031	0.0032	0.0055
Rn-219	0.7950	0.6720	0.7553	0.7877	0.7872	0.6662	0.8811	1.0217
Rn-220	1.9516	1.6503	1.9285	2.0141	2.2361	2.2227	2.3878	2.2767
Rn-222	0.0020	0.0017	0.0019	0.0020	0.0022	0.0020	0.0022	0.0034
Rn-223	12.3806	10.0217	11.8651	12.9957	9.5505	6.7587	13.6345	12.7095
Ru-103	2.4528	2.1369	2.2992	2.3840	2.8418	2.5574	2.6591	4.3184
Ru-105	5.0053	4.4617	4.8215	4.9264	5.3700	4.7195	5.4305	7.8186
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	1.4964	1.3067	1.4325	1.4697	1.6940	1.5333	1.7089	2.4292
Ru-108	2.5332	2.3076	2.4780	2.4830	2.5090	2.1471	2.8012	3.1713
Ru-92	33.9963	31.2870	33.2939	34.0810	31.3352	27.2700	40.8365	40.2394
Ru-94	14.5366	13.4509	14.2339	14.6655	12.8288	11.0405	17.4476	17.2423
Ru-95	14.0429	12.8659	13.7359	14.1101	12.8532	11.1940	16.7657	17.3269
Ru-97	15.2235	14.1394	14.9894	15.4562	13.3796	11.4996	18.6815	17.5715
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	1.3560	1.0694	1.2656	1.3074	1.7229	1.6915	1.8733	1.9725
S-38	1.3929	1.0984	1.2728	1.2980	1.6762	1.6042	1.6485	2.0673
Sb-111	6.9862	6.2728	6.7700	6.8310	7.7623	6.2936	7.0606	11.9463
Sb-113	6.6101	5.9720	6.4141	6.6011	7.3730	5.6867	6.3783	12.0346
Sb-114	5.0436	4.3858	4.8636	5.0058	5.8305	4.8929	5.2665	8.7806
Sb-115	9.3696	8.5458	9.1318	9.4289	10.3455	7.6489	8.8072	17.3844
Sb-116	7.2264	6.4567	7.0409	7.2589	8.1270	6.2802	7.0903	13.0114
Sb-116m	21.5811	19.4356	21.0352	21.5986	24.0364	18.6103	20.8724	38.5720
Sb-117	14.2994	13.1491	14.0637	14.3244	15.5268	11.2347	13.3951	25.5289
Sb-118	2.8429	2.6302	2.8074	2.8946	3.0825	2.1168	2.5528	5.3124
Sb-118m	26.4843	24.0444	25.8945	26.6362	29.3434	22.4009	26.0226	46.4809

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Sb-119	13.3224	12.2196	13.1350	13.6294	14.0106	9.4425	11.9081	23.9898
Sb-120	6.1757	5.7269	6.1042	6.2937	6.6779	4.5419	5.5093	11.5696
Sb-120m	22.8378	20.7266	22.5206	23.0008	25.2748	19.5323	22.4144	39.1462
Sb-122m	15.2203	13.5851	14.6765	15.2832	15.6217	11.4155	14.0490	22.2800
Sb-122	1.9703	1.7141	1.8679	1.9380	2.3314	2.0437	2.0987	3.7215
Sb-124	3.8086	3.2085	3.5762	3.6922	4.6184	4.2345	4.2717	6.9777
Sb-124m	2.4845	2.0022	2.3348	2.5293	2.5343	2.0645	2.5029	3.8955
Sb-124n	1.0099	0.6948	0.9415	1.1107	0.6378	0.2940	0.8387	0.8463
Sb-125	9.0291	8.1795	8.8170	9.1237	9.6333	7.7560	8.8669	14.3080
Sb-126	9.6090	8.2237	9.0560	9.3659	11.5846	10.5451	10.5558	18.5850
Sb-126m	6.0244	5.1478	5.6570	5.8813	7.1603	6.4524	6.5262	11.3090
Sb-127	3.2988	2.8618	3.1209	3.2249	3.8388	3.4136	3.5491	5.9223
Sb-128	10.6950	9.1324	10.1619	10.4063	12.8128	11.7127	11.8072	20.2714
Sb-128m	7.0933	6.0425	6.7714	6.8725	8.4192	7.7135	7.8144	13.1155
Sb-129	3.4366	2.9003	3.2386	3.3229	4.1276	3.8335	3.8717	6.5895
Sb-130m	8.1944	7.0047	7.8031	7.9871	9.6683	8.8614	9.2286	15.5289
Sb-130	12.5192	10.7730	11.9633	12.1755	14.5950	13.2687	13.9567	22.3109
Sb-131	4.2713	3.5938	4.0338	4.1327	5.1196	4.7522	4.8155	7.9123
Sb-133	4.0911	3.3872	3.8408	3.9405	4.9528	4.6671	4.7482	7.1992
Sc-42m	5.8845	4.9164	5.4854	5.6545	7.0403	6.5859	6.6877	9.5261
Sc-43	0.7720	0.6287	0.7217	0.7674	0.7845	0.6538	0.7747	1.0829
Sc-44	1.9424	1.5896	1.8392	1.9102	2.3050	2.1746	2.2241	3.2867
Sc-44m	2.6452	2.2405	2.4926	2.5526	2.8831	2.6148	2.9831	3.6919
Sc-46	3.8332	3.1934	3.6192	3.7173	4.6565	4.4212	4.3907	7.5028
Sc-47	2.1121	1.8652	2.0314	1.9585	2.3375	2.1362	2.4075	2.9450
Sc-48	5.8123	4.8306	5.4939	5.6357	7.0282	6.6967	6.7145	10.7068
Sc-49	0.0010	0.0008	0.0009	0.0009	0.0012	0.0011	0.0012	0.0015
Sc-50	5.5928	4.6674	5.2269	5.3743	6.7186	6.2895	6.3939	9.6354
Se-70	24.3901	18.1703	23.0110	26.2187	17.8868	10.8416	22.8609	22.6543
Se-71	3.3849	2.8083	3.2265	3.2875	3.4631	3.0100	3.6453	4.8176
Se-72	21.6412	16.2250	20.5040	23.3639	15.8679	9.4865	20.3994	19.4318
Se-73	12.5938	9.8491	11.7036	12.8367	10.7474	7.6630	12.0746	12.8779
Se-73m	3.4638	2.5951	3.2616	3.7033	2.4913	1.5022	3.3965	3.2563
Se-75	19.1577	14.5101	18.0702	20.0896	14.7630	9.8451	18.4876	19.3764
Se-77m	6.8868	5.3490	6.5323	7.2159	5.3114	3.5873	7.2103	6.9630
Se-79m	9.6014	7.1989	9.0840	10.3772	6.5493	3.7246	9.7040	8.5888
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0485	0.0417	0.0460	0.0466	0.0557	0.0513	0.0550	0.0773
Se-81m	9.7176	7.3044	9.1959	10.4947	6.6783	3.8394	9.8175	8.7288
Se-83m	2.0132	1.6866	1.8947	1.9385	2.4111	2.2552	2.2715	3.6984

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Se-83	7.4169	6.3035	6.9953	7.1729	8.7347	8.0539	8.4123	12.7164
Se-84	2.4831	2.1487	2.2863	2.3732	2.9009	2.6291	2.6514	4.2090
Si-31	0.0012	0.0010	0.0012	0.0012	0.0015	0.0014	0.0015	0.0019
Si-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-139	6.7744	5.8075	6.5220	6.7871	7.1590	6.2120	7.3934	8.9701
Sm-140	9.2091	7.9272	8.9698	9.4690	9.0786	7.4675	9.8641	10.2076
Sm-141	6.7530	5.8005	6.4633	6.8013	7.0775	6.0501	7.2591	8.7346
Sm-141m	13.2437	11.4258	12.8237	13.4515	13.9088	11.9343	14.7481	17.5761
Sm-142	7.8253	6.7475	7.6449	8.1344	7.5364	6.0660	8.3155	8.1147
Sm-143	4.6972	4.0482	4.5863	4.8770	4.5418	3.6688	4.9992	4.9207
Sm-143m	2.6637	2.2557	2.5386	2.6447	3.0455	2.7060	2.9425	4.7239
Sm-145	15.6723	13.5111	15.2538	16.2227	15.1434	12.1910	16.6029	16.1583
Sm-146	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0289	0.0212	0.0273	0.0314	0.0198	0.0106	0.0250	0.0267
Sm-153	8.0361	6.9089	7.8436	8.3205	7.8846	6.1687	8.2360	8.3434
Sm-155	4.9457	4.3953	4.8721	5.0284	5.1396	4.2227	4.8714	5.3981
Sm-156	6.3013	5.1870	6.0990	6.5299	5.7141	4.2533	6.2114	6.8240
Sm-157	5.9379	5.1677	5.7911	6.0317	6.2624	5.3302	6.7774	7.6969
Sn-106	15.7552	14.3865	15.3773	15.7663	17.1361	13.1110	15.4008	27.2892
Sn-108	16.8332	15.4226	16.4451	16.8684	18.2206	13.7855	16.3053	28.8978
Sn-109	13.0713	11.8583	12.7624	13.1155	14.2959	10.8784	12.7606	23.0534
Sn-110	13.2177	12.1567	12.9761	13.2826	14.1745	10.4921	12.6887	22.7038
Sn-111	7.6770	7.1390	7.5803	7.7991	8.1475	5.7086	7.0995	13.6657
Sn-113	10.5243	9.8196	10.4075	10.7091	11.1187	7.7007	9.6647	18.7276
Sn-113m	7.4126	6.8149	7.3137	7.5760	7.8588	5.3081	6.6099	13.4925
Sn-117m	12.4215	11.3527	12.1937	12.4208	13.3997	9.7769	11.7245	21.7439
Sn-119m	9.2186	8.3306	9.0583	9.4735	9.4362	6.2551	8.2119	16.0610
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	2.8374	2.4862	2.7725	2.9410	2.7600	1.9201	2.5794	4.2846
Sn-123	0.0121	0.0100	0.0114	0.0117	0.0146	0.0139	0.0138	0.0227
Sn-123m	4.1284	3.7072	4.0115	3.9717	4.5012	3.8047	4.3803	6.2574
Sn-125m	2.7621	2.3885	2.6623	2.6477	3.1721	2.8602	2.9432	4.2583
Sn-125	0.6523	0.5451	0.6150	0.6301	0.7860	0.7410	0.7413	1.2353
Sn-126	8.6772	7.7137	8.5194	8.8232	8.6415	6.2726	7.9388	12.0651
Sn-127m	2.3155	2.0014	2.1618	2.2411	2.7145	2.4513	2.5124	4.1106
Sn-127	5.0552	4.3284	4.8038	4.9226	5.9185	5.3543	5.5843	8.9665
Sn-128	24.2471	22.2237	23.8363	24.5091	26.0137	19.6056	22.8584	40.2371
Sn-129	2.7425	2.3321	2.5977	2.6877	3.3415	3.0472	3.0454	5.2799

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Sn-130	13.6443	12.2840	13.2692	13.5983	14.9315	11.9704	13.8671	22.2565
Sn-130m	8.8579	7.9789	8.6359	8.8020	9.6911	7.7162	8.7035	14.5976
Sr-79	8.9015	7.9399	8.6997	9.0767	8.1233	6.7161	11.3073	10.0103
Sr-80	10.8079	9.4415	10.4612	11.1657	8.6961	6.8473	14.7516	12.1478
Sr-81	5.9254	5.1901	5.7036	5.7910	5.8790	5.1446	7.2681	8.0460
Sr-82	9.9419	8.6952	9.6579	10.3783	7.3331	5.5228	13.9995	10.0394
Sr-83	15.3126	13.3506	14.8209	15.8518	12.0875	9.4440	21.0195	16.8670
Sr-85	12.3467	10.7784	11.9133	12.7266	10.0741	7.9816	16.6897	14.2551
Sr-85m	4.8480	4.1870	4.6562	4.8734	4.5945	3.9234	6.0770	6.0359
Sr-87m	3.9797	3.4931	3.7814	3.9608	3.7907	3.2825	4.9189	5.3463
Sr-89	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0004
Sr-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sr-91	1.6544	1.3935	1.5623	1.6069	2.0041	1.8731	1.8727	3.2972
Sr-92	1.8701	1.5363	1.7565	1.8053	2.2553	2.1467	2.2067	2.8808
Sr-93	7.4622	6.4480	7.1118	7.3407	8.0462	7.3185	9.0198	12.0489
Sr-94	1.8237	1.4887	1.7058	1.7487	2.2150	2.1060	2.1505	2.8425
Ta-170	9.7627	7.5429	9.1744	10.2348	8.1716	5.6043	8.9615	9.5178
Ta-172	16.8189	13.1665	15.8150	17.4441	14.8195	10.7808	16.0718	17.5271
Ta-173	20.5948	15.8678	19.2649	21.4850	17.0693	11.5418	18.8399	19.1545
Ta-174	16.5214	12.8511	15.5532	17.2646	14.0341	9.7975	15.5995	16.1547
Ta-175	20.4716	16.1386	19.1769	21.0521	18.0939	13.1232	19.3245	20.3535
Ta-176	17.8387	13.8176	16.6944	18.4716	15.5735	11.1922	16.8213	18.0543
Ta-177	11.0849	8.5998	10.3496	11.5391	9.2597	6.2651	10.0721	9.9213
Ta-178	11.8850	9.1659	11.1004	12.4170	9.8097	6.5460	10.7379	10.5657
Ta-178m	31.7881	25.5772	30.1002	32.5514	29.1470	21.9000	30.4404	33.7562
Ta-179	7.4137	5.5576	6.9123	7.8479	5.7402	3.5750	6.5755	6.4647
Ta-180	10.0193	7.7231	9.3551	10.4717	8.2450	5.4805	9.0372	8.8650
Ta-182	14.1218	11.0514	13.1874	14.4477	12.4369	9.0985	13.3856	14.4365
Ta-182m	24.5554	18.6139	22.9825	25.7115	19.5285	12.8457	22.5550	23.1806
Ta-183	22.7501	17.3230	21.2583	23.8033	18.2915	12.1271	20.8318	21.3178
Ta-184	18.7193	14.7096	17.5166	19.1525	16.9414	12.8669	18.2177	22.2787
Ta-185	12.9178	9.7383	12.0636	13.5567	10.1414	6.5665	11.8521	12.1636
Ta-186	13.4924	11.0476	12.7981	13.6361	13.3455	10.8986	14.1180	18.1180
Tb-146	5.9600	4.9359	5.6408	5.8899	6.5830	5.8177	6.6371	8.2708
Tb-147m	7.6145	6.3510	7.3351	7.8138	7.6912	6.2593	8.0634	8.5853
Tb-147	11.5469	9.7424	11.1380	11.6993	11.9616	9.9948	12.2662	14.7189
Tb-148m	15.5309	13.1566	14.7971	15.5298	17.0103	14.6637	16.6109	23.9545
Tb-148	7.4341	6.2400	7.1114	7.5034	7.9594	6.7604	7.9904	10.6809
Tb-149m	10.0590	8.4790	9.6946	10.2811	10.3701	8.5097	10.5911	13.3484
Tb-149	11.8485	10.0163	11.4130	12.0482	12.1390	9.9824	12.5094	14.7594

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Tb-150m	17.2060	14.6341	16.4568	17.3324	18.6213	15.7857	18.2571	25.3335
Tb-150	10.3357	8.6832	9.9283	10.5441	10.7878	8.9093	10.9778	13.4470
Tb-151	18.3223	15.5361	17.6857	18.7599	18.4119	14.8786	19.0917	21.5714
Tb-151m	10.2700	7.6437	9.7121	11.0767	7.7137	4.6099	9.0535	9.5393
Tb-152m	17.4002	14.4827	16.7007	17.8455	16.9731	13.4318	17.7292	19.6764
Tb-152	10.7923	9.0982	10.3998	10.9901	11.0373	9.0578	11.3420	13.1108
Tb-153	15.6257	13.0971	15.1624	16.2431	14.9171	11.5159	16.0013	16.7173
Tb-154	13.8245	11.5648	13.3378	14.1498	13.7968	11.1445	14.4776	16.0803
Tb-155	16.3149	13.7849	15.8955	16.9044	15.6174	12.0189	16.3786	16.8557
Tb-156	19.5764	16.4240	18.9060	20.1372	19.5460	15.7396	20.4467	23.3324
Tb-156m	5.3997	4.7659	5.3145	5.5813	5.7470	4.6596	5.3759	5.2517
Tb-156n	3.5531	2.5453	3.3400	3.8711	2.4539	1.3174	3.0589	3.0783
Tb-157	3.6256	2.6666	3.4251	3.9281	2.6460	1.5382	3.2241	3.2322
Tb-158	13.4490	11.0953	12.9944	13.9832	12.7187	9.7596	13.5447	15.0198
Tb-160	6.9085	5.6535	6.6245	7.0379	6.9000	5.6415	7.0546	8.9558
Tb-161	10.7670	8.9111	10.3999	11.2805	9.8142	6.6304	9.8058	13.0529
Tb-162	8.0635	6.6918	7.6755	8.0721	8.3239	7.0593	8.5863	11.1963
Tb-163	6.0118	5.0900	5.6723	5.9166	6.5566	5.6874	6.3027	8.9570
Tb-164	12.8524	10.6241	12.2439	12.9326	13.3811	11.2589	13.5847	18.1393
Tb-165	3.3903	2.6419	3.1999	3.5014	3.1846	2.4947	3.3887	4.1107
Tc-101	2.9295	2.5436	2.8309	2.8056	3.2977	3.0196	3.2382	4.3166
Tc-102m	5.2991	4.4819	4.9541	5.1202	6.3252	5.8189	5.9473	9.3521
Tc-102	0.2639	0.2265	0.2467	0.2555	0.3117	0.2846	0.2908	0.4740
Tc-104	5.3738	4.5643	5.0594	5.1488	6.3089	5.8165	6.0272	8.8351
Tc-105	7.7139	6.9294	7.4969	7.5676	7.8785	6.8996	8.5199	10.2682
Tc-91	2.4692	2.1189	2.3453	2.4118	2.6219	2.4084	3.0522	3.5301
Tc-91m	1.9598	1.7211	1.8575	1.9240	2.1128	1.9089	2.2608	3.1312
Tc-92	12.6020	11.0748	12.1447	12.1927	13.2654	12.0891	14.7622	18.0815
Tc-93	12.9070	11.8545	12.6369	13.0719	10.9353	9.6098	16.5519	14.4760
Tc-93m	6.6841	6.0939	6.4760	6.6942	6.1085	5.3546	8.1671	8.2558
Tc-94	17.7315	15.9906	17.2084	17.7778	16.7289	14.9477	21.9175	25.2250
Tc-94m	5.9948	5.3760	5.8060	5.9910	5.6912	5.1231	7.4437	8.5044
Tc-95	14.5635	13.4265	14.2698	14.7662	12.3852	10.8318	18.5479	17.5698
Tc-95m	15.8911	14.6426	15.6030	16.1465	13.8085	12.0764	20.3076	19.1361
Tc-96	18.5881	16.7957	18.0597	18.6484	17.3004	15.4538	23.1047	25.9694
Tc-96m	6.3628	5.9151	6.2650	6.4971	5.2389	4.3908	7.7178	6.9151
Tc-97	11.9349	11.1550	11.7652	12.1888	9.4182	8.0986	15.4781	12.6635
Tc-97m	8.8078	8.2404	8.6871	8.9871	7.2465	6.0911	10.7259	9.5080
Tc-98	4.2799	3.6418	4.0519	4.1907	5.2302	4.7844	4.7621	8.7100
Tc-99	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Tc-99m	4.2631	3.8312	4.1607	4.0314	4.1957	3.7718	4.8319	5.4920
Te-113	3.1238	2.6916	2.9861	3.0759	3.6209	3.1451	3.3447	5.5511
Te-114	17.1333	15.4595	16.7878	17.3735	18.1853	13.6523	16.2003	28.2648
Te-115	6.6755	5.8977	6.4601	6.6619	7.5162	6.2142	6.8643	11.5088
Te-115m	7.7590	6.8466	7.4999	7.7324	8.7374	7.1772	7.8828	13.7028
Te-116	17.5434	16.1438	17.3473	17.8890	18.5621	13.4867	16.0470	29.1990
Te-117	9.7317	8.7795	9.5036	9.8130	10.6575	8.2228	9.4024	17.2164
Te-118	9.9404	9.1627	9.8178	10.1521	10.4985	7.5193	9.0759	17.0946
Te-119	12.1567	11.0633	11.9219	12.3305	13.2204	9.9796	11.5161	21.4997
Te-119m	15.4976	13.9767	15.1416	15.4642	16.8514	13.3106	15.2900	25.8182
Te-121	12.5582	11.4463	12.2978	12.7239	13.5871	10.2361	11.8655	21.9741
Te-121m	9.9798	8.9657	9.8025	10.2071	10.3509	8.0691	10.0546	15.3001
Te-123	0.8922	0.6178	0.8328	0.9800	0.5706	0.2676	0.7424	0.7626
Te-123m	9.5800	8.5690	9.3592	9.5904	9.8647	7.8385	9.4475	14.1025
Te-125m	16.3731	14.9186	16.1402	16.7773	16.7337	12.7585	15.4158	24.8703
Te-127	0.0455	0.0402	0.0431	0.0446	0.0508	0.0445	0.0477	0.0712
Te-127m	5.5019	4.9156	5.3984	5.6688	5.4573	4.0555	5.1077	8.1274
Te-129	3.3165	2.8347	3.2123	3.4402	3.1338	2.2527	3.0533	4.6758
Te-129m	4.0351	3.6258	3.9629	4.1460	4.0656	3.0525	3.7684	6.1156
Te-131	4.8965	4.3471	4.7338	4.7212	5.2982	4.6790	5.1958	7.2696
Te-131m	7.9511	6.9908	7.6955	7.8973	8.8286	7.6557	8.3413	13.0160
Te-132	12.9534	11.7338	12.7183	13.1599	13.4840	11.2366	13.2282	17.8266
Te-133	4.1066	3.5077	3.9069	3.9540	4.7857	4.3907	4.5060	6.7124
Te-133m	8.0355	7.0031	7.7223	7.9327	9.0179	7.9463	8.5376	13.4754
Te-134	9.3518	8.3427	9.1238	9.3086	10.1792	8.7810	9.8528	14.1405
Th-223	11.6838	9.7672	11.3305	12.1923	9.1182	6.6413	13.2107	11.4635
Th-224	1.1617	0.9864	1.1242	1.1950	0.9722	0.7650	1.3770	1.2759
Th-226	2.0944	1.7512	2.0210	2.1958	1.5512	1.1324	2.4879	2.0683
Th-227	16.6921	13.8620	16.0708	17.5062	12.6507	9.2194	19.5779	16.6062
Th-228	2.4794	2.0593	2.3892	2.6140	1.7717	1.2598	2.9738	2.4018
Th-229	24.9199	20.5781	24.0447	26.2191	18.5678	13.1800	28.5969	24.1606
Th-230	4.9172	4.5568	4.9203	5.0651	5.2810	5.2919	5.4965	5.4702
Th-231	20.4337	17.2700	19.7628	21.4398	15.5133	11.0212	23.7174	21.7022
Th-232	1.4963	1.2303	1.4667	1.5534	1.7483	1.7304	1.8466	1.7843
Th-233	4.6031	3.6739	4.4054	4.8830	3.4085	2.2924	4.8237	4.5256
Th-234	3.1133	2.6196	2.9873	3.2347	2.3895	1.7540	3.6092	3.0215
Th-235	0.4381	0.3719	0.4186	0.4428	0.4252	0.3550	0.4876	0.6066
Th-236	2.2273	1.8873	2.1547	2.3151	1.7633	1.3367	2.5950	2.3149
Ti-44	10.2956	8.8193	9.8985	9.9449	10.0607	7.8047	9.5618	9.7569
Ti-45	0.3084	0.2131	0.2876	0.3384	0.1984	0.0951	0.2581	0.2646

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ti-51	2.5582	2.1922	2.4748	2.4392	2.9592	2.7238	2.7741	3.9090
Ti-52	8.5111	7.3957	8.2877	8.4304	7.2226	6.0591	9.6662	9.6945
Ti-190	7.2718	5.8784	6.8280	7.3523	6.7532	5.2186	7.2918	8.8571
Ti-190m	14.9763	12.2386	14.1162	15.0534	14.7750	11.9518	15.4132	20.4851
Ti-194	10.0161	7.9942	9.4314	10.2329	8.7822	6.4423	9.8721	11.1362
Ti-194m	24.6741	19.8526	23.2982	25.1668	22.6849	17.4024	25.0330	30.6001
Ti-195	20.1816	15.5651	19.0437	21.0933	15.9910	10.7436	19.7523	19.9107
Ti-196	13.9430	11.1179	13.1125	14.1718	12.4945	9.3924	13.9356	15.7621
Ti-197	15.1291	11.8808	14.2969	15.6126	12.3360	8.4643	14.6887	14.7348
Ti-198	15.5126	12.3419	14.5928	15.7898	13.8273	10.3577	15.5023	17.3180
Ti-198m	21.6286	17.1140	20.4298	22.3332	18.5082	13.3857	21.6889	24.1621
Ti-199	15.4481	12.1244	14.6086	15.9938	12.4825	8.4938	15.0657	14.8256
Ti-200	15.4897	12.3281	14.6254	15.8075	13.6546	10.1433	15.3896	16.9992
Ti-201	15.9543	12.3463	15.0800	16.6530	12.3114	7.9625	15.3139	14.5373
Ti-202	13.3670	10.5898	12.5887	13.7237	11.2830	7.9963	13.0373	13.8794
Ti-204	0.2829	0.2170	0.2670	0.2967	0.2140	0.1346	0.2690	0.2533
Ti-206m	17.4316	14.5139	16.5109	17.4246	17.7277	14.9714	19.0547	24.6257
Ti-206	0.0112	0.0090	0.0108	0.0117	0.0089	0.0060	0.0113	0.0105
Ti-207	0.0060	0.0050	0.0057	0.0058	0.0069	0.0064	0.0067	0.0116
Ti-208	5.4792	4.5391	5.1533	5.3825	6.2105	5.4749	6.2775	8.7598
Ti-209	9.9883	8.4439	9.5247	9.7425	10.2447	8.7743	10.5831	13.1013
Ti-210	11.8165	9.6037	11.2216	11.9244	11.4736	9.5133	13.0788	16.0377
Tm-161	28.6542	23.5197	27.5414	29.7624	26.8539	20.2521	27.7347	28.5872
Tm-162	11.3309	9.1856	10.8362	11.7570	10.7748	8.2794	11.0494	12.1813
Tm-163	20.9081	17.1707	20.0363	21.6389	19.9194	15.2510	20.2820	21.4074
Tm-164	7.3371	5.9196	7.0367	7.6914	6.6724	4.8803	6.9438	7.1191
Tm-165	17.1712	14.1014	16.4491	17.7889	16.2966	12.4775	16.8116	17.8940
Tm-166	17.4187	14.0450	16.6568	18.0744	16.3804	12.4895	16.9920	19.0557
Tm-167	14.3897	11.5164	13.7787	15.1740	12.7363	9.1209	13.7282	13.8473
Tm-168	18.8876	15.3763	18.1128	19.6017	17.9072	13.7682	18.7331	21.7678
Tm-170	0.9964	0.7507	0.9446	1.0625	0.7685	0.4757	0.8721	0.8787
Tm-171	0.1422	0.1105	0.1340	0.1495	0.1189	0.0801	0.1287	0.1267
Tm-172	4.0435	3.0699	3.8205	4.2460	3.3556	2.3069	3.7334	4.0480
Tm-173	3.6608	3.0573	3.3986	3.6225	3.8503	3.2347	3.6903	5.1020
Tm-174	16.9864	13.7933	16.0812	17.1333	16.6144	13.4962	17.2831	21.5681
Tm-175	6.1302	5.0439	5.7745	6.1591	6.3741	5.3231	6.2495	8.8254
Tm-176	12.8804	10.3393	12.2287	13.1799	12.3013	9.7107	12.9670	15.4884
U-227	10.8967	9.2345	10.5455	11.3257	8.6643	6.5674	12.7518	11.0830
U-228	2.6206	2.2245	2.5354	2.7468	1.9192	1.4238	3.1896	2.5851
U-230	3.1069	2.6275	3.0007	3.2612	2.2390	1.6452	3.8041	3.0482

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
U-231	32.1105	27.3210	31.1273	33.6025	24.7340	17.9970	37.5791	33.3949
U-232	2.9795	2.5162	2.8768	3.1311	2.1382	1.5648	3.6522	2.9179
U-233	1.5494	1.2937	1.4932	1.6333	1.1078	0.7925	1.8685	1.5065
U-234	2.7218	2.2979	2.6283	2.8613	1.9518	1.4270	3.3370	2.6648
U-235	5.9208	5.5017	5.9171	6.0388	6.3046	6.2846	6.3974	6.5927
U-235m	2.9537	2.6641	2.9533	3.0247	3.2671	3.2554	3.3862	3.3843
U-236	2.4707	2.0853	2.3859	2.5979	1.7707	1.2934	3.0295	2.4184
U-237	21.9511	18.6930	21.1445	22.7488	17.7221	13.3500	24.9236	22.3305
U-238	2.0488	1.7781	2.0061	2.0883	2.2822	2.2778	2.3935	2.3267
U-239	5.9904	5.2278	5.8396	6.0384	5.2250	4.0746	6.5984	6.0135
U-240	7.6335	6.4249	7.3707	8.0230	5.6296	4.0683	8.9307	7.5730
U-242	1.5640	1.3565	1.4804	1.5491	1.4636	1.1817	1.7143	1.6509
V-47	0.0992	0.0702	0.0925	0.1070	0.0697	0.0395	0.0871	0.0913
V-48	5.0899	4.0362	4.7897	5.0990	5.4576	4.8211	5.4868	8.0141
V-49	2.4936	1.7153	2.3248	2.7427	1.5743	0.7255	2.0708	2.0887
V-50	3.8162	2.8457	3.5450	3.9196	3.4191	2.6021	3.7786	4.5495
V-52	1.7305	1.4057	1.6158	1.6542	2.1009	2.0052	2.0527	2.6008
V-53	1.9462	1.6233	1.8354	1.8813	2.3518	2.2408	2.2228	3.8592
W-177	29.6034	22.9956	27.6828	30.5990	25.0629	17.5249	27.3944	29.1944
W-178	6.7757	4.9249	6.3058	7.2599	4.8748	2.7782	5.8943	5.8212
W-179	16.5379	12.6701	15.4938	17.4205	13.0833	8.6098	14.8841	14.9559
W-179m	8.7914	6.6413	8.1463	9.1903	6.9411	4.4531	7.9221	7.8102
W-181	9.6583	7.3172	8.9689	10.1194	7.6668	4.9155	8.6371	8.4513
W-185m	14.0072	9.8872	13.0626	15.2147	9.3422	4.7994	12.0048	12.0369
W-185	0.0064	0.0049	0.0059	0.0065	0.0052	0.0035	0.0059	0.0059
W-187	5.8076	4.6467	5.4090	5.8380	5.4113	4.1310	5.5984	6.8380
W-188	0.0732	0.0562	0.0681	0.0755	0.0611	0.0428	0.0696	0.0734
W-190	16.9571	12.9942	15.6768	17.4343	13.8186	9.2766	15.5741	15.5758
Xe-120	20.5478	18.6661	20.2053	20.8860	21.2965	16.6687	19.6950	31.0350
Xe-121	9.5247	8.5375	9.3074	9.5772	9.9513	8.3439	9.5940	13.5638
Xe-122	10.5360	9.5716	10.3730	10.7653	10.6616	8.6308	10.1987	14.6868
Xe-123	12.2557	11.0579	12.0249	12.3279	12.6119	10.4877	12.2489	17.2549
Xe-125	16.5817	15.0194	16.2866	16.8645	17.0523	14.0646	16.6800	23.1529
Xe-127	14.8165	13.4034	14.5758	15.0753	15.2903	12.6731	15.1586	20.8908
Xe-127m	10.5637	9.4364	10.3676	10.5019	10.5738	9.1477	10.7930	13.5338
Xe-129m	16.9022	15.2311	16.6395	17.3702	16.6306	14.0072	16.7887	20.8862
Xe-131m	7.3562	6.5675	7.2247	7.5762	7.1196	5.9308	7.2136	9.0061
Xe-133	7.7207	6.9564	7.6737	7.8428	7.5647	6.6062	7.6772	8.2564
Xe-133m	7.5505	6.7705	7.4168	7.7557	7.3975	6.2234	7.4873	9.3586
Xe-135	3.1773	2.7779	2.9980	3.0725	3.4901	3.2393	3.6727	4.3594

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Xe-135m	3.5534	3.1363	3.4103	3.5502	3.8562	3.3841	3.6898	5.5001
Xe-137	0.8374	0.7233	0.7785	0.8073	0.9767	0.8878	0.9052	1.4422
Xe-138	4.7724	3.8270	4.4704	4.7969	4.6265	3.8331	4.9365	6.0527
Y-81	11.1793	9.8695	10.9372	11.2758	9.3344	7.6559	14.0091	12.2438
Y-83	10.5759	9.4598	10.3125	10.8666	8.7187	7.3857	14.1437	11.5560
Y-83m	6.1219	5.4500	5.8911	6.1567	5.3568	4.6563	8.0695	7.3413
Y-84m	7.4216	6.2713	7.0236	7.2524	8.5158	7.8962	8.7109	13.7950
Y-85	5.4203	4.7839	5.2213	5.5139	4.6881	3.9513	7.1295	6.8422
Y-85m	6.3524	5.5907	6.1448	6.4832	5.3574	4.5174	8.5901	7.4937
Y-86	14.0565	12.1890	13.4933	14.1493	13.3062	11.6530	18.0793	19.5458
Y-86m	3.7420	3.2907	3.6645	3.8256	3.7810	3.3063	4.7643	5.0586
Y-87	13.3968	11.8854	12.9733	13.7519	10.7440	8.8320	18.1827	15.2861
Y-87m	4.3626	3.8823	4.1797	4.3481	4.0399	3.5480	5.5126	5.6840
Y-88	14.7516	12.8883	14.2277	15.0003	12.4745	10.5830	19.9008	17.7965
Y-89m	2.0596	1.7323	1.9441	1.9951	2.4506	2.3077	2.3684	4.1820
Y-90	0.0015	0.0014	0.0015	0.0015	0.0011	0.0010	0.0021	0.0016
Y-90m	6.3008	5.5938	6.0985	6.3273	6.6373	5.9255	7.8684	9.3837
Y-91	0.0047	0.0039	0.0044	0.0046	0.0057	0.0055	0.0055	0.0077
Y-91m	2.7233	2.3771	2.5829	2.6907	2.9823	2.6683	3.1686	4.6209
Y-92	0.5328	0.4476	0.5005	0.5146	0.6394	0.5999	0.6058	1.0148
Y-93	0.3284	0.2813	0.3093	0.3144	0.3717	0.3477	0.3881	0.5018
Y-94	1.5447	1.2932	1.4533	1.4915	1.8656	1.7572	1.7613	3.0557
Y-95	1.0446	0.8496	0.9726	0.9993	1.2753	1.2061	1.2531	1.7696
Yb-162	14.4710	11.7275	13.8483	14.9596	13.1838	9.8202	13.7929	14.5475
Yb-163	12.7841	9.9968	12.1120	13.4296	10.9936	7.6896	11.8271	12.3530
Yb-164	8.9878	7.2382	8.5913	9.4390	8.0658	5.7837	8.3605	8.2572
Yb-165	24.6415	19.1874	23.4843	26.0440	20.5263	13.8196	22.2545	22.4481
Yb-166	16.4137	13.2457	15.7283	17.2083	14.7261	10.5538	15.1976	15.0135
Yb-167	30.5991	24.4091	29.2216	32.0476	26.7962	19.0596	28.2824	28.7753
Yb-169	31.3534	25.3474	29.7968	32.4917	28.4554	20.8585	29.7054	29.9097
Yb-175	0.7989	0.6541	0.7518	0.8052	0.7703	0.6084	0.7792	0.9096
Yb-177	2.8396	2.3205	2.6920	2.8425	2.7025	2.1442	2.8133	3.1709
Yb-178	0.5240	0.4203	0.4917	0.5322	0.4986	0.3912	0.5123	0.6476
Yb-179	5.9986	4.9984	5.6543	5.9813	6.4665	5.4773	6.1821	9.1839
Zn-60	4.1292	3.4049	3.8172	4.0546	4.3238	3.5908	4.1990	5.6414
Zn-61	1.0247	0.8377	0.9529	1.0001	1.1483	1.0256	1.1261	1.6231
Zn-62	12.6856	9.4435	11.9551	13.6052	9.7541	6.1169	11.5837	12.7122
Zn-63	0.9598	0.7129	0.8988	1.0127	0.8057	0.5648	0.8972	1.1956
Zn-65	9.3812	6.5849	8.7593	10.2002	6.4695	3.5455	8.0951	8.7852
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Zn-69m	2.7644	2.3024	2.5592	2.7233	2.9637	2.5436	2.8424	4.3324
Zn-71	1.2278	1.0540	1.1529	1.1856	1.4315	1.3040	1.3368	2.1979
Zn-71m	7.0236	6.0454	6.5766	6.7855	8.2714	7.4989	7.6040	12.4880
Zn-72	16.1435	12.1597	15.2766	17.0657	11.8678	7.5811	15.2345	15.6074
Zr-85	3.0687	2.6901	2.9016	3.0193	3.1505	2.8243	3.6918	4.5782
Zr-86	27.1401	24.7079	26.5279	27.7365	21.8993	18.6819	36.8501	30.4229
Zr-87	2.3087	2.0919	2.2578	2.3721	1.7635	1.4991	3.2404	2.4833
Zr-88	14.5104	13.1104	14.0830	14.7723	11.7165	10.0311	19.7342	16.5574
Zr-89	11.3254	10.1718	11.0229	11.5434	9.2850	8.0511	15.4995	13.8003
Zr-89m	3.1705	2.7840	3.0315	3.1579	3.3169	2.9626	3.8307	5.0959
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	2.0575	1.7411	1.9435	2.0031	2.5085	2.3180	2.3128	4.2572
Zr-97	2.6962	2.3042	2.5549	2.6335	3.1548	2.9082	3.0938	5.1668

Table 23: Wood 5 cm Contamination Thickness for 100x100x10 ft and 200x200x20 ft rooms

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ac-223	2.6255	1.7432	2.6027	4.6597	1.7570	1.4035	3.2370	3.7186
Ac-224	15.2676	11.3497	14.6416	23.0509	12.0052	9.6968	19.9548	18.2075
Ac-225	3.9402	2.6992	3.8659	6.9425	2.7161	2.1881	4.6676	5.4395
Ac-226	6.4443	4.8607	6.3851	10.0475	5.1202	4.0234	8.7299	8.3595
Ac-227	1.1526	0.7287	1.1898	2.1920	0.7140	0.5696	1.4142	1.7121
Ac-228	9.7844	7.3831	10.1784	15.3093	7.7183	6.0646	14.7223	12.8338
Ac-230	4.5786	3.4274	4.7683	7.3519	3.5466	2.8197	6.7341	6.0520
Ac-231	11.2036	8.7419	10.8622	15.6501	9.3939	7.3670	15.8081	13.1181
Ac-232	6.4647	4.8981	6.7597	10.1503	5.1014	4.0071	10.3705	8.4917
Ac-233	3.7478	2.8692	3.7963	4.6880	3.2614	2.5752	6.1660	5.1347
Ag-100m	5.3703	4.5273	5.8836	5.8618	5.2068	3.8111	12.9128	7.0345
Ag-101	7.3808	6.2079	8.8513	10.1139	6.6250	5.1184	13.3530	7.2620
Ag-102m	4.4835	3.7478	5.3351	5.7977	4.0672	3.1616	8.8134	4.8427
Ag-102	9.7285	8.1657	11.2583	11.7154	9.1220	6.9143	20.3859	11.5462
Ag-103	12.3816	10.2403	15.9134	18.6679	10.6391	8.4401	19.4006	11.1934
Ag-104	16.6304	13.7884	20.8803	22.8649	14.8538	11.2740	31.4704	17.7350
Ag-104m	7.1195	5.8850	8.8525	9.8256	6.3253	4.8818	12.4504	7.1851
Ag-105	15.5192	12.7377	20.5070	23.6967	13.0890	10.2601	23.3207	13.1109
Ag-105m	0.3979	0.2303	0.4282	0.7738	0.2249	0.1765	0.5289	0.6273
Ag-106	4.4908	3.6551	6.2463	7.3656	3.6824	2.8704	6.5128	3.5805
Ag-106m	20.0817	16.6556	24.8332	27.3634	17.9543	13.8035	36.2757	21.2375
Ag-108	0.3254	0.2643	0.4357	0.5080	0.2735	0.2076	0.5201	0.2878
Ag-108m	17.1775	14.0332	21.2662	23.8342	15.1700	11.4553	29.7474	17.7045
Ag-109m	5.0187	3.9989	6.6196	7.7088	4.0172	3.2314	7.0325	3.9270
Ag-110	0.1610	0.1316	0.1762	0.1831	0.1534	0.1088	0.3605	0.2094
Ag-110m	8.7762	7.4049	9.4470	9.0750	8.6577	6.2710	22.1631	12.5445
Ag-111	0.2776	0.2360	0.2751	0.2921	0.2640	0.2037	0.4506	0.3088
Ag-111m	2.8756	2.2498	3.7725	4.5148	2.2517	1.8152	4.0504	2.4175
Ag-112	2.0032	1.6777	2.0511	2.0161	1.9802	1.4383	4.8355	2.7484
Ag-113m	2.8532	2.3059	3.1206	3.6212	2.5087	1.9503	4.5364	3.1967
Ag-113	0.6019	0.5164	0.6019	0.6421	0.5760	0.4424	1.0855	0.6759
Ag-114	0.8542	0.7186	0.8747	0.8568	0.8420	0.6423	1.8240	1.1339
Ag-115	2.1345	1.8413	2.2108	2.4117	2.0424	1.6241	4.3235	2.3403
Ag-116	4.9178	4.2056	5.2119	5.0087	4.8278	3.7843	10.6152	6.2466
Ag-117	4.4019	3.7539	4.6387	4.8480	4.1889	3.3962	8.2203	5.2045
Ag-99	6.7384	5.7879	7.6414	8.3878	6.3102	4.8589	13.9492	7.4105
Al-26	2.2052	1.9992	2.3544	2.2251	2.1867	1.7603	5.6672	2.4428
Al-28	2.1330	1.9378	2.2736	2.1302	2.1223	1.7074	5.4861	2.3236
Al-29	2.3845	2.1350	2.5861	2.4718	2.3904	1.8428	7.1496	3.8393

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Am-237	17.9203	13.6212	18.9733	28.0674	14.1994	11.1729	23.7330	20.1503
Am-238	16.4627	12.5530	17.7178	25.6848	13.1361	10.2618	23.3626	19.1378
Am-239	25.1233	18.7270	26.7301	40.8751	19.3143	15.2288	32.1365	28.5202
Am-240	19.9378	15.0840	21.9774	32.4601	15.5468	12.1568	28.2032	23.6084
Am-241	6.4410	6.6334	6.5890	6.3919	6.2812	6.3312	6.6850	6.4170
Am-242	5.7513	4.2500	6.6481	10.2022	4.2432	3.3316	7.1875	6.4849
Am-242m	4.9136	3.5342	5.7923	9.1607	3.4620	2.7184	6.1191	5.8426
Am-243	7.3563	5.6156	7.6784	9.9215	6.0762	5.1047	9.2358	7.1937
Am-244	21.4099	16.1402	25.5696	36.8131	16.4090	12.6366	30.5879	25.0941
Am-244m	2.4741	1.8270	2.9870	4.5387	1.7986	1.4086	3.1617	2.7912
Am-245	2.4871	1.8991	2.7307	4.0122	1.9561	1.5662	3.3544	2.7009
Am-246	30.0872	22.7156	35.7464	51.8595	23.0629	17.8691	42.1618	34.5480
Am-246m	7.8263	6.1177	9.1317	12.2569	6.3854	4.9190	13.4783	9.6891
Am-247	8.1299	6.2620	8.8089	12.7035	6.5096	5.2113	10.9853	8.7562
Ar-37	0.4530	0.2494	0.4729	0.9004	0.2419	0.1904	0.5949	0.7546
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	2.3511	2.1036	2.5430	2.4396	2.3562	1.8139	7.0764	3.8182
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	2.9825	2.6092	3.2552	3.0822	2.9605	2.2556	7.7044	4.1158
Ar-44	4.8484	4.2265	4.9735	5.3586	4.7528	3.6785	10.4363	6.3131
As-68	6.0363	5.2015	6.5344	6.3275	5.9463	4.4444	15.5756	8.4681
As-69	1.8234	1.3265	1.8323	2.7076	1.4258	1.1263	3.0148	2.5129
As-70	8.5093	7.1618	9.1481	9.5749	8.0905	6.1115	20.9453	12.1806
As-71	9.6059	6.2908	9.8059	16.3363	6.6429	5.0760	13.9788	15.7430
As-72	3.6570	2.7910	3.9994	4.7947	3.1388	2.3141	8.1285	5.5554
As-73	16.9092	9.5379	17.7961	32.7883	9.3685	7.3453	22.3807	27.5382
As-74	4.9358	3.3087	5.0313	7.6552	3.6256	2.7082	8.4548	7.6133
As-76	1.7299	1.4424	1.7524	1.7342	1.7052	1.2866	3.6687	2.3635
As-77	0.1103	0.0927	0.1060	0.1361	0.1021	0.0811	0.1987	0.1241
As-78	3.6849	3.1128	3.8300	3.7367	3.6474	2.6726	9.1079	5.2259
As-79	0.1772	0.1486	0.1813	0.1823	0.1719	0.1308	0.3340	0.2364
At-204	17.9143	13.8306	17.5918	22.3112	15.6204	12.1079	29.7041	23.3686
At-205	12.5354	9.2753	12.0044	17.3657	10.1366	8.0111	18.5685	15.9275
At-206	18.3231	14.2584	18.0252	22.8716	16.0058	12.4675	30.6925	23.6020
At-207	17.1244	12.9252	16.6615	23.0242	14.1954	11.1761	27.2149	21.8050
At-208	23.4402	17.9318	23.0322	30.8220	19.9960	15.3195	40.6710	31.3903
At-209	23.9514	18.0932	23.4284	32.2735	19.9407	15.6557	38.3302	30.8153
At-210	19.5830	15.0680	19.0505	27.2868	16.1756	12.9393	33.2966	25.0722
At-211	4.8391	3.3981	4.4926	7.3604	3.5958	2.9341	5.7410	5.9424
At-215	0.0020	0.0015	0.0019	0.0024	0.0017	0.0014	0.0028	0.0025

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
At-216	0.2095	0.1507	0.1949	0.3000	0.1616	0.1347	0.2595	0.2467
At-217	0.0058	0.0044	0.0054	0.0078	0.0048	0.0039	0.0087	0.0066
At-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-220	6.0334	4.9612	5.8150	7.6807	5.4223	4.2680	10.2936	6.9053
Au-186	11.5755	8.8316	11.7749	14.9071	9.7076	8.1336	18.9123	14.4156
Au-187	13.6187	9.6214	13.9985	19.3770	10.3006	9.0062	20.1554	17.5078
Au-190	13.5363	10.3891	13.8085	16.8413	11.3477	9.6776	21.9054	15.9970
Au-191	16.2971	11.6770	16.5674	22.4270	12.6333	11.0500	23.1977	20.3787
Au-192	13.2369	10.0400	13.5222	16.5949	10.9425	9.4090	20.8377	15.7732
Au-193	12.8029	9.0048	13.0738	17.9124	9.6340	8.7618	17.1625	15.4718
Au-193m	8.6602	6.0025	8.5357	13.9364	6.2184	5.1558	12.5627	11.6648
Au-194	12.0440	8.9417	12.2728	15.5053	9.7161	8.4563	17.9440	14.5077
Au-195	13.9744	9.3473	14.2197	21.1796	9.8377	8.8126	18.0398	17.8859
Au-195m	8.7751	6.0834	8.6393	14.0600	6.3078	5.2355	12.6189	11.8162
Au-196	11.5861	8.5443	11.7014	14.8627	9.3258	8.1041	15.9731	13.9530
Au-196m	21.9506	14.7171	21.8613	35.1212	15.4523	13.0481	29.0958	31.1766
Au-198	3.1767	2.5809	3.1413	3.4598	2.9732	2.3186	4.9404	4.1706
Au-198m	23.4339	17.0660	22.9682	33.0528	18.4681	15.1587	33.6338	28.6835
Au-199	4.7806	3.4301	4.7162	7.0677	3.7571	2.9836	6.4747	7.3585
Au-200	1.1000	0.9218	1.1168	1.1872	1.0414	0.8069	2.2304	1.5157
Au-200m	17.6045	14.1261	17.5757	21.0825	15.9546	12.5056	30.8920	22.9229
Au-201	0.9564	0.6289	0.9607	1.5629	0.6632	0.5355	1.3338	1.4041
Au-202	0.6870	0.5753	0.7113	0.7368	0.6575	0.5141	1.3871	0.9469
Ba-124	11.2744	8.2659	12.6697	13.0059	10.0837	7.7806	19.0988	10.3887
Ba-126	12.2364	9.1256	13.6591	14.0234	11.0421	8.5510	21.5837	11.0827
Ba-127	7.0908	5.1597	7.9547	8.1411	6.3109	4.9437	11.7116	6.2036
Ba-128	9.3355	6.6684	10.6552	10.8149	8.2351	6.3789	15.3731	7.6757
Ba-129	8.7745	6.3125	9.9247	10.2776	7.7307	6.0392	14.5909	7.4801
Ba-129m	18.1513	13.7082	19.8935	21.2294	16.3387	12.5966	32.5425	19.2865
Ba-131	15.5938	11.6089	17.2057	17.6420	14.0738	11.1850	25.8489	13.8643
Ba-131m	8.5273	6.1190	9.1109	10.0867	7.4886	5.7644	13.3467	7.5854
Ba-133	19.1250	14.0917	21.0361	21.4344	17.1105	13.2761	30.3969	16.6221
Ba-133m	8.1456	5.5550	9.1125	10.6297	6.8048	5.1682	13.2117	7.9448
Ba-135m	6.7639	4.7521	7.7019	8.0100	6.0063	4.5401	11.4077	5.7290
Ba-137m	3.3916	2.6663	3.5665	3.5468	3.2679	2.3150	7.6204	4.3437
Ba-139	1.3884	1.0736	1.4508	1.6619	1.3088	0.9436	2.2201	2.0267
Ba-140	4.8899	3.3848	5.2193	6.9251	3.8194	2.9969	7.4230	6.1163
Ba-141	6.6943	5.5504	6.8284	7.3334	6.4211	4.8826	12.7842	7.8435
Ba-142	7.0458	5.6647	7.5269	7.7920	6.6682	5.0886	14.1378	7.7458

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.3025	0.2531	0.3038	0.3034	0.2953	0.2378	0.4861	0.3844
Bi-197	13.5780	10.0273	13.4185	18.8114	10.8799	8.8074	21.5744	17.6458
Bi-200	21.8602	16.9257	21.5605	27.8914	18.6986	15.1537	34.5960	27.4484
Bi-201	13.5069	10.0545	13.3659	18.4417	10.9165	8.9199	21.5330	17.2867
Bi-202	19.5617	15.1126	19.5248	24.6785	16.8346	13.3583	33.5256	25.4075
Bi-203	15.2279	11.4975	15.1911	20.2990	12.5480	10.1960	25.3607	19.3122
Bi-204	20.2453	15.5805	20.3505	26.1127	17.1818	13.7035	34.8209	26.3322
Bi-205	12.9000	9.5078	12.7135	17.8675	10.3056	8.3971	20.3110	16.4772
Bi-206	23.5050	18.0573	23.6384	29.9324	20.0590	16.0210	40.0429	30.3707
Bi-207	13.6799	10.2391	13.4887	18.2291	11.2626	9.1142	21.9825	17.7030
Bi-208	8.6842	6.2781	8.6823	12.6819	6.6749	5.4984	13.5130	11.0313
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	4.1837	3.3784	4.0304	5.1873	3.6855	2.9709	6.8163	4.7166
Bi-211	0.6712	0.5247	0.6511	0.7962	0.5836	0.4668	0.9597	0.8134
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	1.6363	1.0673	1.6376	2.7818	1.1174	0.8582	2.4432	2.4756
Bi-213	1.2676	0.9982	1.2309	1.5158	1.1276	0.8960	1.8530	1.6009
Bi-214	3.5864	3.0473	3.7320	3.7466	3.5029	2.6318	8.6981	4.8844
Bi-215	3.5565	2.7738	3.3842	4.5917	3.0297	2.4009	5.3728	4.2095
Bi-216	4.7668	3.8790	4.7183	5.1124	4.5188	3.5060	8.2392	6.2226
Bk-245	19.3144	14.7883	21.0955	30.6875	15.3159	12.2963	25.6958	20.6741
Bk-246	20.3023	15.3920	23.2708	33.4072	15.8316	12.4188	29.1303	23.3624
Bk-247	7.1689	5.6600	7.2600	9.8432	6.0878	4.8531	9.6324	7.0412
Bk-248m	5.5821	4.2075	6.4021	9.3589	4.2786	3.4066	7.2539	6.0639
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	6.2949	5.0004	7.4677	9.6408	5.2084	4.0384	11.1486	7.6429
Bk-251	11.9809	9.0375	13.3954	19.7265	9.2433	7.5103	15.5916	13.3972
Br-72	5.6811	4.7060	6.0913	6.5291	5.3123	4.0431	13.1834	8.1403
Br-73	5.3177	4.1500	5.5095	6.0941	4.6116	4.1465	8.5706	6.1415
Br-74	6.2704	5.1761	6.4727	7.2552	5.8633	4.4371	14.4965	8.2800
Br-74m	7.9197	6.4735	8.1739	8.8933	7.4728	5.4901	18.7486	11.1368
Br-75	6.0689	4.7043	5.8554	8.2375	5.0943	4.0018	9.7826	7.8928
Br-76	8.0898	6.0685	8.1423	11.1804	6.6700	5.1728	15.0513	11.6506
Br-76m	13.6693	9.2152	13.8801	21.7896	9.9065	7.3805	18.2738	18.3297
Br-77	9.6785	6.3949	9.3207	16.7316	6.5549	5.2269	13.3631	14.5796
Br-77m	5.8972	3.8259	5.2970	10.6322	3.8308	3.0966	6.8913	8.8589
Br-78	0.9469	0.6531	0.9208	1.4597	0.7121	0.5352	1.5812	1.4458
Br-80	0.6828	0.4604	0.6630	1.0974	0.4943	0.3738	1.0982	1.0559
Br-80m	13.5364	8.8496	12.9359	22.5253	9.5639	7.3015	17.5842	18.4000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Br-82m	5.5577	3.4969	5.0203	10.5303	3.4227	2.7813	6.4012	8.7738
Br-82	8.9731	7.5607	9.5144	9.1720	8.8658	6.5214	21.7266	12.7775
Br-83	0.0392	0.0321	0.0394	0.0407	0.0377	0.0297	0.0693	0.0513
Br-84m	7.9068	6.7813	8.3773	8.1915	7.7566	5.9318	17.8669	10.8060
Br-84	2.6678	2.3381	2.9575	2.7631	2.6478	2.0183	6.9364	3.5589
Br-85	0.1913	0.1641	0.2126	0.2005	0.1890	0.1397	0.4879	0.2746
C-10	2.7750	2.2993	2.9595	2.8197	2.7450	1.9341	6.9815	4.0525
C-11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-41	0.8088	0.4453	0.8444	1.6078	0.4319	0.3399	1.0623	1.3475
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	2.1326	1.8883	2.3010	2.2038	2.1304	1.6393	6.0735	3.3601
Ca-49	2.0403	1.8401	2.3238	2.0628	2.0420	1.6400	5.4337	2.2333
Cd-101	11.2474	9.3234	13.2168	14.3494	9.9970	7.7776	19.0852	10.3513
Cd-102	13.2586	10.8282	16.5366	18.4000	11.3302	9.1138	20.1547	11.7640
Cd-103	12.2598	10.0871	15.6022	17.2533	10.4404	8.3404	20.5444	10.8480
Cd-104	16.5270	13.3633	20.9483	23.5757	13.7895	11.0689	23.6188	12.8397
Cd-105	9.5220	7.8042	12.2208	13.6126	8.0362	6.3996	15.4824	8.2638
Cd-107	15.1752	12.1817	20.2562	23.3186	12.2067	9.8233	21.3670	11.5555
Cd-109	14.2967	11.4638	19.0890	22.0160	11.4798	9.2443	20.1181	10.9213
Cd-111m	9.5828	7.9613	10.8697	12.5625	8.4181	6.8305	15.5622	9.1077
Cd-113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0079	0.0063	0.0097	0.0109	0.0065	0.0053	0.0116	0.0064
Cd-115	1.6132	1.3280	1.7067	1.7261	1.5074	1.2172	2.6794	1.7859
Cd-115m	0.0871	0.0758	0.0960	0.0917	0.0861	0.0653	0.2254	0.1283
Cd-117	4.4311	3.8017	4.6373	4.7591	4.2207	3.3137	9.0831	5.1838
Cd-117m	4.0612	3.5533	4.3720	4.1861	4.0133	3.0871	10.1479	5.4421
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	4.8147	4.1786	5.0214	5.0327	4.6487	3.6729	10.0707	5.6083
Cd-119m	5.0646	4.4010	5.4573	5.2792	4.9564	3.8161	12.3119	6.6571
Ce-130	15.1843	11.1464	16.6311	17.4123	13.8352	10.5571	26.0503	14.0012
Ce-131	13.2728	9.9695	14.3408	15.6008	11.8876	9.0491	23.2188	14.4365
Ce-132	13.2918	9.7926	14.5089	15.6289	12.1359	8.9777	22.4344	13.5136
Ce-133	16.4161	11.7573	17.9366	18.3770	14.8592	10.9822	26.4211	13.6171
Ce-133m	19.2560	14.4808	21.3076	21.1320	17.7944	13.5914	34.2456	18.7477
Ce-134	8.4817	5.8636	9.6500	9.9497	7.5455	5.5255	14.1671	7.1463
Ce-135	14.6409	10.9408	15.9505	16.5964	13.4630	10.0164	26.2283	14.1304
Ce-137	9.9499	6.7079	11.1934	12.6906	8.4077	6.1957	16.1640	9.4368
Ce-137m	6.6778	4.6908	7.4153	7.8926	5.9540	4.2674	11.2422	5.8958
Ce-139	12.1069	8.7194	13.3388	14.4310	10.9615	7.9788	19.8153	13.1374

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ce-141	3.5888	2.7506	3.7191	4.1072	3.3696	2.5493	5.7699	4.3689
Ce-143	9.3432	6.9207	10.2509	10.2945	8.5852	6.1748	15.9707	8.5974
Ce-144	1.4361	1.0747	1.5089	1.6100	1.3242	1.0200	2.3481	1.3626
Ce-145	13.6498	10.0883	14.9601	15.0482	12.5761	9.0956	24.6261	13.4178
Cf-244	1.7880	1.3136	2.1662	3.3218	1.2864	1.0072	2.2432	2.0194
Cf-246	1.2261	0.9013	1.4877	2.2772	0.8828	0.6908	1.5402	1.3818
Cf-247	19.8746	14.7715	22.7852	34.0993	14.9021	11.9323	25.5317	22.1523
Cf-248	1.4653	1.0776	1.7796	2.7207	1.0556	0.8259	1.8426	1.6492
Cf-249	6.9955	5.4196	7.7573	10.6108	5.7135	4.4457	9.6912	8.1874
Cf-250	1.1521	0.8507	1.3938	2.1137	0.8379	0.6553	1.4748	1.3001
Cf-251	12.4636	9.4421	13.9478	20.4985	9.7022	7.7159	16.4404	13.9267
Cf-252	2.6058	2.0804	2.9134	3.6342	2.2523	1.7474	4.5101	3.0801
Cf-253	4.0228	2.9366	4.8194	7.1661	2.9039	2.2974	5.1301	4.5214
Cf-254	54.7055	46.2836	57.2422	57.2712	53.1966	41.0937	114.0884	66.9188
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0003	0.0001	0.0003	0.0005	0.0001	0.0001	0.0004	0.0004
Cl-34m	2.9777	2.5911	3.0652	3.2311	2.9371	2.3654	6.2667	4.2130
Cl-36	0.0064	0.0035	0.0067	0.0128	0.0034	0.0027	0.0084	0.0107
Cl-38	1.5747	1.4291	1.6976	1.5693	1.5696	1.2599	4.0628	1.7138
Cl-39	3.7704	3.3832	3.8868	4.1374	3.7320	2.9309	9.6593	4.8394
Cl-40	4.3425	3.8729	4.7237	4.3937	4.3326	3.3931	11.5952	5.3778
Cm-238	9.9748	7.5490	10.6934	15.8650	7.8323	6.2385	12.6926	10.8037
Cm-239	16.1618	12.4616	17.1197	24.7939	13.1540	10.4013	22.0248	18.5334
Cm-240	1.9857	1.4419	2.2962	3.6868	1.4133	1.1145	2.4204	2.3647
Cm-241	23.3238	17.4167	25.4959	38.0797	17.9804	14.2914	30.3094	27.2310
Cm-242	1.7829	1.2946	2.0614	3.3106	1.2688	1.0007	2.1730	2.1236
Cm-243	12.8166	9.4439	13.7570	21.3139	9.6731	7.6280	16.6309	14.9689
Cm-244	1.5306	1.1112	1.7689	2.8422	1.0891	0.8590	1.8650	1.8239
Cm-245	13.4404	10.0342	14.2484	21.7670	10.3822	8.1861	16.9086	15.3620
Cm-246	1.2321	0.8961	1.4235	2.2783	0.8800	0.6938	1.5121	1.4678
Cm-247	2.8364	2.3177	2.8201	3.2359	2.6355	2.0311	4.3571	3.5929
Cm-248	5.4113	4.4405	5.7874	6.5940	4.9633	3.8470	10.2927	6.5837
Cm-249	1.5301	0.8866	1.5998	2.9174	0.8811	0.6893	2.0867	2.4682
Cm-250	43.3501	36.6593	45.4086	45.5534	42.0925	32.5253	90.1828	52.9853
Cm-251	2.0039	1.5507	2.1977	2.9903	1.6489	1.3113	2.8969	2.3126
Co-54m	7.6131	6.5980	8.0055	7.9550	7.4778	5.7622	17.9821	10.8796
Co-55	4.1686	3.3641	4.5080	5.0774	3.7662	2.8771	9.3341	6.0913
Co-56	8.7789	6.8463	9.5847	11.5804	7.5339	5.7408	20.2854	13.2748
Co-57	10.7578	7.2890	10.6327	17.5266	7.6110	6.6000	14.9468	14.7159
Co-58	5.4636	3.8068	5.9459	8.2726	4.1553	3.0895	10.7185	8.6166

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Co-58m	3.2435	1.7871	3.3865	6.4426	1.7334	1.3648	4.2604	5.3988
Co-60	4.7945	4.2794	5.2198	5.0036	4.7935	3.6830	14.0464	7.5686
Co-60m	3.6826	2.0612	3.8725	7.1730	2.0177	1.6019	4.8772	6.0263
Co-61	4.9212	3.9206	5.2605	4.4839	4.4010	4.4702	6.7226	4.0198
Co-62	2.7651	2.4684	3.0397	2.8914	2.7615	2.1267	7.8776	4.1838
Co-62m	4.9257	4.3983	5.3970	5.1547	4.9163	3.7877	14.0146	7.4713
Cr-48	8.8858	7.0254	8.3790	10.4251	7.8405	6.3178	13.2252	9.6944
Cr-49	4.5377	3.6790	4.3462	4.4917	4.2662	3.5082	6.0649	4.7126
Cr-51	2.1395	1.2709	2.2074	3.9389	1.2740	0.9942	2.8855	3.4054
Cr-55	0.0010	0.0009	0.0011	0.0010	0.0010	0.0008	0.0026	0.0012
Cr-56	11.5325	8.8745	11.7380	12.9419	9.7209	8.1111	15.3656	9.8687
Cs-121	3.9582	3.1104	4.2128	4.4487	3.6570	2.8400	6.7352	4.4093
Cs-121m	7.3118	5.7371	7.8024	8.3665	6.7259	5.2232	12.6979	7.7579
Cs-123	8.1938	6.2219	8.8611	8.8586	7.4118	5.7743	13.4840	7.2392
Cs-124	1.8634	1.4780	1.9859	1.9826	1.7247	1.3405	3.1832	1.9547
Cs-125	7.7674	5.8179	8.6297	8.5870	6.9523	5.5096	12.8019	6.9167
Cs-126	3.4896	2.7152	3.7611	3.7976	3.1986	2.4959	5.8241	3.6570
Cs-127	12.2740	9.1958	13.5966	13.6819	10.9542	8.7264	19.7645	11.0423
Cs-128	3.8067	2.8582	4.2313	4.2258	3.4080	2.6990	6.1807	3.5136
Cs-129	14.6711	10.8111	16.4855	16.4565	12.9649	10.2045	23.4519	12.5655
Cs-130m	13.3810	9.5770	14.9818	15.6332	11.6487	9.0488	20.9541	11.5414
Cs-130	5.1334	3.7273	5.8664	5.8246	4.4842	3.5595	8.2541	4.1662
Cs-131	8.8556	6.3928	10.1515	10.1051	7.6965	6.1139	14.1145	7.0687
Cs-132	11.7562	8.7757	13.1187	13.0032	10.5704	8.1257	21.1616	11.2100
Cs-134	6.3050	5.2247	6.6610	6.3925	6.2214	4.4951	14.9413	8.9483
Cs-134m	5.7399	3.8791	6.3154	7.9366	4.5325	3.6194	8.8641	6.0984
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	5.6703	4.7371	6.4138	5.9304	5.5652	4.0279	14.4304	8.1640
Cs-136	9.3582	7.8070	10.1067	9.9529	9.0583	6.8413	20.6040	12.3956
Cs-137	2.2929	2.3916	2.4252	2.2702	2.2557	2.3485	2.4124	2.3144
Cs-138m	6.9811	5.1317	7.7684	8.1762	6.2036	4.8154	11.9399	6.6228
Cs-138	5.0456	4.3817	5.3751	5.2078	4.9741	3.8792	11.9614	6.6242
Cs-139	0.4859	0.4284	0.5212	0.4966	0.4840	0.3725	1.3107	0.6786
Cs-140	3.4319	2.9401	3.6083	3.4650	3.4021	2.5609	8.3730	4.5332
Cu-57	0.2583	0.2262	0.2862	0.2778	0.2546	0.1932	0.7081	0.3918
Cu-59	1.3898	1.1748	1.4671	1.5014	1.3325	1.0174	3.1658	1.9859
Cu-60	5.0065	4.3356	5.4193	5.4646	4.8274	3.7495	13.1664	7.0292
Cu-61	2.9110	1.9514	3.0046	4.6263	2.0663	1.6386	4.6483	4.2763
Cu-62	0.1121	0.0666	0.1180	0.2093	0.0666	0.0520	0.1688	0.1846
Cu-64	1.9506	1.0778	2.0367	3.8668	1.0467	0.8237	2.5798	3.2482

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Cu-66	0.2411	0.2129	0.2698	0.2582	0.2392	0.1815	0.6465	0.3559
Cu-67	3.6266	2.7837	3.4944	4.7576	3.1181	2.3738	5.4898	4.6180
Cu-69	1.5200	1.3118	1.6621	1.5913	1.5036	1.1292	3.8069	2.1838
Dy-148	10.3312	7.7031	11.9130	11.5912	9.3482	6.1847	19.2310	11.5468
Dy-149	15.5736	11.8172	18.0621	17.4778	14.1086	9.5573	28.7965	16.6627
Dy-150	6.8350	5.1087	7.8643	7.7728	6.1220	4.1578	11.2604	7.4736
Dy-151	14.2200	10.6503	16.4127	17.0867	12.4777	8.6592	25.6351	16.7162
Dy-152	10.6961	8.2203	12.1764	12.6149	9.6204	6.6629	18.9596	10.7241
Dy-153	21.6673	16.1733	25.1487	24.8757	19.3303	13.0705	37.2457	22.4229
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	13.0609	9.9617	15.0408	15.1852	11.7660	8.1157	23.5663	13.6351
Dy-157	11.2095	8.4394	12.8656	12.5258	10.0483	6.7997	18.4504	11.7044
Dy-159	9.4259	6.7617	11.4422	11.0495	8.2032	5.3128	15.7485	9.4784
Dy-165m	2.7560	1.7298	3.0392	4.5338	1.8594	1.3600	3.9827	3.8662
Dy-165	1.1747	0.8760	1.4060	1.3389	1.0287	0.7057	1.9291	1.2068
Dy-166	6.7860	4.8106	8.1685	8.6409	5.5369	3.8617	10.6529	7.4350
Dy-167	6.7003	5.3208	7.3903	7.6039	6.1172	4.4924	12.1066	7.6266
Dy-168	7.6438	5.8000	8.7063	9.1692	6.7346	4.8449	12.9783	9.0081
Er-154	12.6009	9.0984	15.1929	15.5534	10.2990	7.5698	19.7723	12.8144
Er-156	15.4853	10.4244	18.2390	21.6077	12.0166	8.4851	24.3109	18.0745
Er-159	11.8200	8.9252	14.0634	13.7653	10.4472	7.2237	21.7138	13.5826
Er-161	13.0800	9.8018	15.8602	15.6355	11.3781	7.8946	24.1763	15.1611
Er-163	7.5503	5.4513	9.6402	9.0179	6.4100	4.2683	12.5768	7.9057
Er-165	7.3399	5.2857	9.3546	8.8288	6.2065	4.1375	12.1976	7.7322
Er-167m	4.0130	2.9700	4.5700	5.4758	3.2863	2.4319	6.8452	4.6720
Er-169	0.0934	0.0515	0.0976	0.1855	0.0500	0.0393	0.1228	0.1555
Er-171	9.2853	7.2157	10.4713	10.7685	8.1243	6.1299	15.0134	10.1651
Er-172	9.3805	7.0883	11.3281	10.8647	8.1505	5.9502	15.9993	10.9054
Er-173	13.2482	10.3830	15.1062	15.8935	11.7279	8.9231	23.9089	15.0270
Es-249	15.7083	12.1204	17.5264	24.3556	12.6269	10.1978	21.5511	17.1761
Es-250	57.4314	43.5859	66.7581	94.9352	44.4232	35.4141	78.3113	63.2399
Es-250m	14.6134	11.2802	16.6083	23.1693	11.6465	9.4100	20.6889	15.9184
Es-251	16.9345	12.6680	19.0350	28.4675	12.8526	10.4135	21.7129	19.0295
Es-253	0.4737	0.3440	0.5650	0.8657	0.3387	0.2663	0.5985	0.5460
Es-254	16.8678	11.9446	19.6069	31.0063	11.7507	9.2987	21.1536	20.4956
Es-254m	8.0835	6.1859	9.4370	12.4928	6.4878	4.9942	12.6989	9.2463
Es-255	0.0022	0.0019	0.0023	0.0023	0.0022	0.0017	0.0046	0.0027
Es-256	2.4856	1.8546	3.0280	4.2926	1.8393	1.4668	3.2159	2.6125
Eu-142	1.0999	0.8553	1.2023	1.1975	1.0364	0.7126	2.3074	1.2536
Eu-142m	11.6198	9.2532	12.4654	13.4410	10.7380	7.8848	25.2230	16.0809

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Eu-143	2.9449	2.1950	3.1864	3.2947	2.7094	1.8146	5.4361	2.9732
Eu-144	1.2889	0.9603	1.4007	1.4405	1.1849	0.7927	2.3894	1.2702
Eu-145	11.0287	8.2557	12.0022	12.3256	10.1881	6.8120	20.9122	11.7087
Eu-146	15.0237	11.5735	16.0832	16.2797	14.1745	9.6068	31.1093	17.7520
Eu-147	13.2770	9.7998	14.1778	15.0678	12.1490	8.2276	23.1805	13.1377
Eu-148	17.1607	13.2699	18.0147	18.4463	16.2073	11.2612	33.1203	20.0404
Eu-149	9.4955	6.6200	10.3394	11.8647	8.1550	5.3463	15.3439	9.6757
Eu-150	16.6452	12.8845	17.3619	17.9167	15.5854	10.9323	29.1626	18.6937
Eu-150m	1.0798	0.7948	1.1522	1.2077	0.9868	0.6556	1.8083	1.0949
Eu-152	12.3877	9.4581	13.1702	13.8293	11.4606	8.0639	22.8352	13.2136
Eu-152m	3.8079	2.8533	4.1157	4.2813	3.5053	2.3999	7.0283	4.0158
Eu-152n	8.2584	5.8153	8.3110	11.0555	6.6224	4.8565	11.3844	9.0289
Eu-154	7.6949	6.1800	8.2825	8.5911	7.1893	5.4653	15.8505	9.1888
Eu-154m	11.4589	7.8478	12.2072	15.4229	9.0284	6.9940	16.7207	12.7112
Eu-155	5.1878	3.9066	5.3574	5.7440	4.6287	3.3280	7.6054	4.7788
Eu-156	4.3561	3.4914	4.7454	4.9119	4.0352	2.9359	9.4496	5.4888
Eu-157	10.6297	7.7265	12.0019	12.6186	9.1358	6.6685	17.0464	11.4764
Eu-158	6.3656	4.9854	7.0260	7.4898	5.7610	4.1690	13.1889	8.0908
Eu-159	12.5478	9.2916	14.2563	14.1517	11.2022	7.7972	20.6634	12.4345
F-17	0.0009	0.0008	0.0010	0.0009	0.0009	0.0007	0.0024	0.0013
F-18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-52	4.7056	3.5606	4.6991	6.6663	4.0464	2.9585	7.0985	8.3016
Fe-53	1.3612	1.1140	1.3394	1.4716	1.2736	0.9733	2.1489	1.7693
Fe-53m	7.3516	6.3573	7.9579	7.6224	7.2995	5.4185	19.6223	10.7994
Fe-55	2.6872	1.4796	2.8054	5.3417	1.4349	1.1294	3.5294	4.4770
Fe-59	2.5941	2.3026	2.8287	2.7514	2.5835	1.9802	7.2973	4.0290
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	3.6470	3.2133	3.8635	3.8202	3.6038	2.7939	9.0154	5.0176
Fe-62	2.8807	2.4168	2.9085	2.8515	2.8291	2.2978	4.7433	3.6294
Fm-251	13.6088	10.1650	15.2395	22.0788	10.4334	8.5513	18.2166	15.2960
Fm-252	1.2917	0.9613	1.5835	2.3249	0.9459	0.7458	1.6464	1.3933
Fm-253	16.1398	12.0153	18.7579	27.6214	12.0652	9.7204	20.8033	17.8631
Fm-254	1.3263	0.9893	1.6222	2.3704	0.9766	0.7696	1.7090	1.4337
Fm-255	13.8998	10.0988	16.3685	25.2047	9.9417	7.8797	17.3419	16.1162
Fm-256	40.9822	34.6192	42.8643	43.1472	39.7902	30.7248	85.3036	50.1947
Fm-257	15.7544	11.9388	18.1115	26.1422	12.1462	9.7903	20.9163	17.1461
Fr-212	14.3577	10.6890	13.8796	21.3438	11.3543	9.0665	21.5683	18.5947
Fr-219	0.0517	0.0403	0.0494	0.0649	0.0449	0.0351	0.0728	0.0653
Fr-220	1.9991	1.3579	1.9130	3.3740	1.3966	1.1184	2.3995	2.7381
Fr-221	0.8835	0.6892	0.8402	1.2505	0.7390	0.5918	1.3621	1.0126

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Fr-222	8.2135	6.1087	8.1194	13.1535	6.3368	5.0886	11.3143	10.1794
Fr-223	8.6719	6.3524	9.9222	12.8775	6.7976	5.0267	12.0339	10.1107
Fr-224	6.3463	4.9218	6.3225	9.2488	5.2453	4.2379	10.1361	7.9500
Fr-227	11.5398	8.7664	11.1430	15.4553	9.5896	7.7146	15.5021	13.2009
Ga-64	3.6040	3.1396	3.9953	3.8871	3.5160	2.7051	9.3702	4.8953
Ga-65	6.9942	5.0009	7.1756	9.7950	5.4644	4.5665	10.5448	8.8892
Ga-66	4.8594	3.4239	5.2309	7.5611	3.6159	2.8227	9.3435	7.2970
Ga-67	11.2681	7.1621	11.3241	19.0849	7.4616	5.7809	15.3159	16.4257
Ga-68	0.7474	0.4416	0.7862	1.4023	0.4405	0.3444	1.1097	1.2300
Ga-70	0.0533	0.0378	0.0562	0.0829	0.0405	0.0309	0.0963	0.0851
Ga-72	5.7066	4.8910	6.2695	5.8906	5.6386	4.1797	14.6528	7.8936
Ga-73	12.4863	8.0522	12.9840	21.0280	8.3281	6.4644	17.9616	18.5064
Ga-74	6.3072	5.3947	6.5902	6.3432	6.2514	4.7137	15.1021	8.3080
Gd-142	5.9090	4.4889	6.4358	6.6587	5.4458	3.7034	10.7473	6.4125
Gd-143m	13.8585	10.7706	14.9333	15.5624	12.8535	8.9594	26.1089	14.7903
Gd-144	5.2015	3.8218	5.7924	5.8867	4.7133	3.0975	9.1676	5.2495
Gd-145m	5.7783	4.1885	6.2470	7.6160	4.7896	3.4604	10.9105	7.8174
Gd-145	8.0176	6.1909	8.9214	8.8740	7.4236	5.1216	15.7797	8.3219
Gd-146	23.5463	17.3809	25.4825	26.5736	21.4326	14.5757	38.3466	23.7169
Gd-147	16.4967	12.7664	17.8306	18.5647	15.2956	10.6221	30.6562	17.9579
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	15.1276	11.3281	16.4282	17.1393	13.8510	9.3637	25.4948	16.6275
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	10.6010	7.4206	11.8720	13.6409	8.9635	5.9157	17.0917	11.3710
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	14.5732	10.5999	15.8381	16.2748	13.1516	8.6164	23.4041	13.5603
Gd-159	2.3386	1.7343	2.7603	2.6363	2.0799	1.4094	3.8717	2.4041
Gd-162	4.1811	3.2063	4.2337	5.0335	3.7013	2.8098	6.4956	5.4644
Ge-66	13.8268	9.2994	14.6374	21.1513	10.1713	7.6685	20.7269	18.7466
Ge-67	4.2630	3.3970	4.3030	5.4989	3.9137	2.8526	7.2136	7.4062
Ge-68	6.5959	3.6370	6.8757	13.1053	3.5274	2.7776	8.6513	10.9832
Ge-69	7.0518	4.4877	7.4230	12.2182	4.6361	3.5896	11.6206	11.3567
Ge-71	6.6899	3.6889	6.9737	13.2921	3.5777	2.8172	8.7746	11.1398
Ge-75	0.4343	0.3816	0.4183	0.5071	0.4174	0.3321	0.8377	0.4473
Ge-77	7.2518	6.1873	7.2099	8.2695	6.9484	5.3820	14.5870	8.6247
Ge-78	3.1692	2.7922	3.0331	3.5131	3.0686	2.4070	5.8802	3.3019
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	7.1626	5.4060	8.3339	8.4508	6.0535	4.7231	11.1430	8.1063
Hf-169	10.7758	8.0664	12.7003	12.7921	9.1123	7.2888	16.8380	12.3327
Hf-170	16.9038	12.1747	19.6028	22.0830	13.5962	10.6314	26.4462	20.8151

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Hf-172	19.6720	13.8023	23.2626	27.3112	14.8894	12.0773	29.0473	22.7496
Hf-173	16.6787	12.7254	18.9624	19.8548	14.2538	11.8228	26.4362	18.3141
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	11.9564	8.8686	14.0811	14.4590	9.9272	7.7619	18.4927	13.6116
Hf-177m	49.8566	38.4542	53.4108	61.7972	42.6136	34.1478	80.7811	58.1958
Hf-178m	33.4137	25.7627	34.4548	41.2343	28.7921	22.7719	53.4139	39.6031
Hf-179m	23.4354	17.4383	25.6378	30.2809	19.3314	15.7223	36.1943	29.1123
Hf-180m	18.3818	14.1541	19.7972	22.2092	15.7831	12.6932	28.9725	21.2330
Hf-181	8.9543	6.8017	9.4402	11.1275	7.6040	6.4728	13.6440	11.1457
Hf-182	4.5151	3.6647	4.6527	5.5044	4.0254	3.2499	7.7318	5.1116
Hf-182m	17.9175	13.3881	19.7890	22.6008	14.8899	12.0062	28.4672	21.6049
Hf-183	7.6287	5.9806	8.3036	8.3094	6.8120	5.6564	13.1178	8.7312
Hf-184	16.5866	10.7958	17.5256	26.7531	11.5260	9.1351	23.6537	23.8878
Hg-190	16.1922	11.3693	16.1659	23.5175	12.2227	10.7192	21.5530	21.3721
Hg-191m	20.4578	15.0799	20.6062	27.9996	16.3326	13.7685	31.7898	25.5881
Hg-192	16.5779	11.6341	16.5769	24.1559	12.3890	10.7586	22.4389	20.8236
Hg-193	15.2315	10.7798	15.4142	21.8856	11.5426	9.9348	22.0308	19.5554
Hg-193m	12.3604	9.0452	12.5309	16.5609	9.8665	8.4013	18.7791	15.6326
Hg-194	3.7330	2.1560	3.7343	7.3062	2.0971	1.6705	4.7000	6.0963
Hg-195	12.7940	8.6198	12.9331	19.5727	9.0648	7.9741	16.9137	16.7395
Hg-195m	15.4104	9.9980	15.3957	25.9211	10.2866	8.6056	20.5145	21.8625
Hg-197	12.3325	8.2602	12.3041	18.9422	8.6758	7.6231	15.6057	15.8584
Hg-197m	10.6683	7.0971	10.5305	17.2927	7.3902	6.3617	13.9909	14.8197
Hg-199m	11.2532	7.8378	11.1225	16.8256	8.4508	6.9948	14.5956	16.1357
Hg-203	4.0698	3.3040	3.9153	5.0363	3.5951	2.9103	6.6052	4.5112
Hg-205	0.1558	0.1208	0.1517	0.2107	0.1310	0.1081	0.2494	0.1752
Hg-206	2.1293	1.6559	2.0579	2.6127	1.8186	1.4707	3.1280	2.4871
Hg-207	8.9521	7.3508	9.1701	10.2912	8.1444	6.4782	17.2385	11.1092
Ho-150	5.2225	4.2038	5.9419	5.5864	4.9765	3.4969	11.8966	6.9842
Ho-153	9.3826	7.2871	10.7016	10.4549	8.4996	6.0468	16.5492	10.1508
Ho-153m	11.5810	8.8357	13.1436	13.4139	10.3599	7.2901	19.7407	13.0451
Ho-154m	16.8794	13.5473	18.2415	17.9909	15.8034	11.6194	29.4729	20.3830
Ho-154	8.9375	7.1712	9.7886	9.5477	8.3353	6.0200	16.3554	10.5980
Ho-155	12.2910	9.0553	14.3475	14.9569	10.6134	7.3386	20.7440	13.4519
Ho-156	14.6564	11.5747	16.4519	16.8063	13.3918	9.8213	27.3876	16.8512
Ho-157	18.6035	13.8506	22.0552	21.8427	16.2943	11.2266	31.3703	19.9263
Ho-159	20.2747	15.2037	23.7865	23.5178	17.8998	12.6901	33.9239	21.0964
Ho-160	17.1838	13.0624	19.9973	19.9764	15.3445	10.6300	32.7984	20.1731
Ho-161	13.6082	9.8657	16.1137	16.6339	11.2313	8.1280	21.2766	13.7869
Ho-162	9.7978	7.0096	11.9127	11.9577	8.2859	5.5399	16.1352	10.3961

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ho-162m	14.6591	10.5078	17.1710	19.1067	12.0919	8.4716	24.6971	17.3955
Ho-163	0.1078	0.0594	0.1126	0.2143	0.0576	0.0453	0.1416	0.1796
Ho-164	5.7463	4.0929	7.0346	7.0426	4.8346	3.2294	9.3812	6.0812
Ho-164m	12.3938	8.3114	14.7580	17.5902	9.4355	6.6032	19.3053	15.0049
Ho-166	2.0860	1.4156	2.3937	3.0030	1.5592	1.1453	3.0933	2.5726
Ho-166m	14.6748	11.4955	16.0865	17.6538	13.1498	9.6367	27.9350	19.1452
Ho-167	5.9424	4.6708	6.5189	6.7240	5.3052	3.9210	9.5275	6.8168
Ho-168	5.8238	4.4584	6.5358	7.1444	5.1002	3.7038	11.7692	7.8474
Ho-168m	2.7761	1.7355	3.1793	4.5599	1.8627	1.3424	4.0709	3.8771
Ho-170	14.0448	10.9900	15.9486	17.0588	12.4252	9.1628	26.9747	17.5742
I-118m	13.6203	11.1871	14.1877	14.0256	13.1408	9.7676	29.8835	17.9685
I-118	4.7592	3.9021	4.9524	4.8768	4.5771	3.4364	10.2784	6.0733
I-119	8.7903	7.0729	9.4052	9.8977	7.8872	6.4375	15.0446	7.7825
I-120	7.2198	5.8572	7.7799	7.5725	6.7171	5.3115	14.1398	7.8212
I-120m	12.6411	10.3228	13.2162	13.0115	12.0720	9.1809	26.3915	15.6211
I-121	12.5824	9.8540	13.7440	14.2295	11.0605	9.0775	20.6054	10.7502
I-122	2.7477	2.1206	3.0358	2.9850	2.4220	1.9639	4.5476	2.5345
I-123	13.9685	10.7157	15.3678	15.8674	12.2482	9.8102	20.9578	14.7510
I-124	9.9666	7.7262	10.9839	10.8020	8.8318	7.0869	17.2815	9.3866
I-125	18.4100	13.8286	20.8422	20.4983	15.6737	12.9739	27.9348	14.5272
I-126	7.1593	5.5496	7.8296	7.7761	6.3532	5.0749	11.9145	6.9371
I-128	1.0807	0.8463	1.1690	1.1666	0.9676	0.7866	1.6854	1.0652
I-129	9.1087	6.5870	10.3902	10.2626	7.9978	6.2449	14.6099	7.2275
I-130m	3.0598	2.2210	3.3813	3.7626	2.5489	2.0512	4.8128	3.0638
I-130	9.5878	7.9413	9.9125	9.7035	9.4219	6.9545	20.9591	13.2506
I-131	2.8483	2.9534	2.9853	2.7494	2.8010	2.9674	2.9409	2.8744
I-132	8.2664	6.8984	8.7568	8.4298	8.1582	5.8945	20.1266	11.7652
I-132m	6.9481	5.1772	7.9027	9.1131	5.8075	4.5155	11.4862	7.3870
I-133	3.0464	2.5441	3.1077	3.0495	2.9912	2.3413	5.7609	3.9709
I-134m	13.1306	10.0930	14.5784	14.6295	11.6881	9.2763	21.6294	11.0771
I-134	8.4015	7.1338	9.1775	8.7691	8.2653	6.1570	20.5231	11.8130
I-135	3.3588	2.9541	3.6089	3.4948	3.3275	2.5659	8.7559	4.7234
In-103	7.4616	6.3006	8.1734	8.6450	7.0286	5.4085	15.5484	9.0545
In-105	9.0724	7.5652	10.1420	10.8706	8.2453	6.7756	16.4593	9.3357
In-106	11.7084	9.7948	12.8646	12.8670	11.1824	8.3588	26.2464	15.1407
In-106m	5.3313	4.4473	5.7576	5.7844	5.0809	3.7859	11.9937	6.4907
In-107	10.9208	8.9976	12.8153	13.9231	9.5296	7.7039	18.4174	10.0384
In-108	19.4750	16.2515	22.1620	23.0541	17.8671	13.7970	39.8556	22.0296
In-108m	8.5194	7.0075	9.8697	10.3294	7.6202	5.9570	16.2018	8.6953
In-109	14.1605	11.5498	16.7940	18.5628	12.1318	9.8553	22.6619	12.2573

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
In-109m	3.2775	2.6615	3.4112	3.4189	3.1357	2.2555	7.3155	4.2795
In-110	20.4664	16.8004	23.8393	24.6130	18.4782	14.2040	40.3634	22.8014
In-110m	6.9224	5.6118	8.0031	8.4089	6.1714	4.7306	13.0195	7.3083
In-111	17.5441	14.4080	20.3658	23.2396	15.2357	12.2256	27.3440	17.1439
In-111m	3.7337	3.0596	3.9719	3.9874	3.4722	2.7854	6.3297	4.2091
In-112	3.6038	2.8805	4.5099	4.9285	2.9558	2.4280	5.2565	2.8748
In-112m	8.1232	6.4390	9.5154	9.9704	6.7240	5.6597	11.5207	6.8998
In-113m	5.2832	4.2524	5.8650	6.1267	4.5956	3.7504	7.7885	5.1419
In-114	0.0545	0.0439	0.0678	0.0737	0.0452	0.0371	0.0834	0.0457
In-114m	5.7578	4.5649	6.6830	7.1739	4.7812	3.9953	8.5210	4.9680
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	5.9745	4.8097	6.7624	6.9794	5.0964	4.2143	8.6681	5.2100
In-116m	5.5096	4.8308	5.9165	5.7473	5.4428	4.2089	14.2352	8.0474
In-117	7.3546	6.0005	7.4743	8.1293	7.0039	5.2832	11.9986	11.1868
In-117m	3.9374	3.1679	4.3963	4.6329	3.4038	2.7637	5.6863	3.9876
In-118m	7.0097	6.0947	7.5678	7.3249	6.9542	5.2217	18.7987	10.5457
In-118	0.1659	0.1467	0.1794	0.1724	0.1655	0.1273	0.4663	0.2615
In-119	5.3378	4.2671	6.1230	6.4412	4.7151	3.6101	10.6736	6.4113
In-119m	1.4104	1.1052	1.6518	1.8504	1.1438	0.9480	2.1634	1.3346
In-121	3.0039	2.5915	3.3237	3.1962	2.9528	2.2071	7.5387	4.1904
In-121m	6.2033	4.9135	7.0463	6.3979	5.2778	4.6827	9.0532	4.8757
Ir-180	13.3301	9.9839	13.7928	17.3971	10.9549	9.4024	22.0465	16.8821
Ir-182	13.5545	10.1015	13.9798	18.0535	10.9626	9.6189	21.7111	16.7351
Ir-183	17.4877	12.4614	18.4182	23.9800	13.4080	12.0000	26.0420	21.6778
Ir-184	20.0596	14.9757	20.8609	26.4067	16.2904	14.1464	32.6171	24.8617
Ir-185	20.1420	13.6983	21.1985	29.9108	14.5330	12.8858	28.7230	26.1710
Ir-186	19.3971	14.4408	20.1684	25.0965	15.8132	13.7555	30.5876	24.3863
Ir-186m	11.7643	8.6484	12.4443	15.4045	9.4757	8.2680	19.3888	15.0560
Ir-187	14.0409	9.5997	14.8903	20.2576	10.2135	9.3289	19.5866	17.9192
Ir-188	14.4171	10.6186	15.2661	18.8749	11.5981	10.1576	23.2307	18.6177
Ir-189	11.6618	7.7696	12.3497	17.5627	8.1636	7.5054	15.7082	14.9902
Ir-190	19.6146	14.7783	20.2540	24.6409	16.4660	13.8664	31.2787	24.9739
Ir-190m	3.6846	2.0495	3.8072	7.3005	1.9888	1.5698	4.7941	6.1167
Ir-190n	9.1313	6.2052	9.7433	13.0644	6.6148	6.1654	12.3338	11.2007
Ir-191m	11.2972	7.4330	11.5707	17.8935	7.7383	7.0095	15.0250	15.2721
Ir-192	8.1459	6.6667	8.0135	8.7935	7.5052	5.9480	12.9814	9.6767
Ir-192m	4.1267	2.3454	4.1704	8.1175	2.2793	1.8098	5.2626	6.7974
Ir-192n	8.6046	4.9035	8.6873	16.8832	4.7697	3.7961	10.9637	14.1416
Ir-193m	3.6663	2.0499	3.7810	7.2317	1.9925	1.5794	4.7618	6.0598
Ir-194	0.7017	0.5825	0.6903	0.7410	0.6556	0.5078	1.1937	0.8474

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ir-194m	16.9893	13.7136	16.8799	18.4891	15.7700	12.2066	29.5085	21.8536
Ir-195	8.8229	5.9319	8.9583	13.2949	6.2677	5.5644	11.4824	11.2062
Ir-195m	9.3811	6.7427	9.4663	12.9809	7.3133	6.2064	13.4193	11.9208
Ir-196	1.4108	1.1588	1.4383	1.5087	1.3222	1.0226	2.5583	1.8217
Ir-196m	19.8080	15.5619	19.6917	23.0796	17.7716	13.8305	32.9086	26.1378
K-38	2.0870	1.9031	2.2742	2.0847	2.0838	1.6831	5.3976	2.2758
K-40	0.2971	0.2470	0.3165	0.3556	0.2703	0.2117	0.7403	0.4130
K-42	0.4151	0.3721	0.4415	0.4164	0.4127	0.3248	1.0953	0.4996
K-43	5.7637	4.7747	5.6812	5.8556	5.6090	4.1391	11.0826	7.6438
K-44	3.5622	3.1653	3.8959	3.6836	3.5491	2.7399	9.6445	4.9445
K-45	4.8632	4.2005	4.9974	5.4427	4.7788	3.6294	10.1898	7.0589
K-46	3.4106	3.0617	3.6916	3.5154	3.4122	2.6728	9.7326	4.8744
Kr-74	8.9351	6.6507	8.4320	12.4707	7.1871	5.9355	12.6067	10.9475
Kr-75	6.4651	5.0419	6.1781	8.7747	5.5563	4.7275	9.7177	8.9026
Kr-76	13.7710	9.7478	13.1860	21.3837	10.3593	8.0144	18.8717	18.9231
Kr-77	6.5173	5.1568	6.0623	8.5268	5.7008	5.0782	9.7599	8.5531
Kr-79	7.8619	5.2487	7.1931	13.8270	5.3128	4.2648	10.0577	11.9036
Kr-81	6.7044	4.2181	6.0411	12.7230	4.1232	3.3559	7.6936	10.5938
Kr-81m	4.3802	3.3552	4.0222	6.6276	3.5834	2.8300	6.5131	6.0409
Kr-83m	3.0338	1.8835	2.8146	5.7851	1.8408	1.4914	3.5535	4.7967
Kr-85	0.0127	0.0106	0.0128	0.0127	0.0124	0.0100	0.0214	0.0162
Kr-85m	3.8492	3.1005	3.6430	4.9226	3.5421	2.7402	5.5165	6.4051
Kr-87	2.2410	1.8902	2.3015	2.3333	2.1724	1.6658	4.3164	2.9268
Kr-88	4.5923	3.8489	4.6913	5.6160	4.2182	3.3317	9.4048	5.6609
Kr-89	4.6591	4.0120	4.8459	4.9867	4.5501	3.5045	10.6138	5.9394
La-128	10.8510	8.9474	11.3356	11.5675	10.4382	7.9925	21.7279	12.7355
La-129	8.5507	6.4215	9.2825	9.5959	7.8668	6.0299	14.6075	7.8420
La-130	8.7516	6.9902	9.3079	9.2951	8.3078	6.3095	16.5385	10.0629
La-131	12.5783	9.2575	13.7905	14.1309	11.4893	8.7446	20.9741	11.3283
La-132	9.9369	7.6297	10.8730	10.8675	9.2849	7.1226	18.2067	10.4244
La-132m	10.8347	8.1067	11.6611	12.5780	9.8556	7.6613	18.7210	11.3780
La-133	9.7192	6.6209	11.0035	12.2987	8.2581	6.2397	15.9436	9.1007
La-134	3.4170	2.3906	3.9201	3.9608	3.0593	2.2982	5.8555	2.8921
La-135	8.7261	6.0375	10.0744	10.1981	7.7640	5.8438	14.6206	7.1398
La-136	5.7153	3.9629	6.6013	6.6711	5.0916	3.8289	9.6560	4.7117
La-137	8.4053	5.8024	9.7077	9.8614	7.4609	5.6141	14.0660	6.8826
La-138	6.9722	5.2418	7.8881	7.9290	6.3988	4.8258	14.1814	7.2801
La-140	5.6779	4.8759	5.9767	5.7550	5.5636	4.3222	12.3818	6.8772
La-141	0.0446	0.0398	0.0480	0.0457	0.0445	0.0345	0.1278	0.0655
La-142	3.7932	3.2711	4.0374	3.8363	3.7648	2.8247	9.5693	4.9020

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
La-143	0.5555	0.4785	0.5905	0.5664	0.5506	0.4134	1.4022	0.7597
Lu-165	15.9686	12.0082	18.9857	19.1695	13.6142	10.3886	26.7173	17.9765
Lu-167	18.0870	13.4847	21.2853	22.3742	15.1957	11.6426	31.1098	20.4727
Lu-169m	2.7089	1.4926	2.8260	5.3835	1.4475	1.1396	3.5556	4.5118
Lu-169	16.1004	12.0402	19.5402	19.8130	13.5274	10.1925	28.2450	19.0375
Lu-170	13.8538	10.4635	16.6280	17.0952	11.6759	8.8592	25.6739	16.6627
Lu-171m	2.8757	1.5922	3.0055	5.6817	1.5486	1.2210	3.7810	4.7636
Lu-171	20.7945	14.7810	25.5212	29.4305	16.1783	12.1626	33.3791	25.0167
Lu-172	19.5315	14.6269	22.9481	24.6321	16.3786	12.3476	35.1395	24.4476
Lu-172m	2.4356	1.3419	2.5412	4.8403	1.3014	1.0245	3.1973	4.0566
Lu-173	16.7752	12.2640	20.8883	20.5680	13.8114	10.3542	26.7006	18.3181
Lu-174	9.6924	6.8084	12.0175	12.8482	7.5644	5.6955	15.1848	11.3521
Lu-174m	13.3152	8.7825	15.4764	19.9575	9.5133	7.4289	19.5901	17.1803
Lu-176	11.7758	8.9212	12.2830	15.4347	9.7611	7.7408	18.7202	13.8735
Lu-176m	2.6488	1.7241	2.8565	4.1364	1.8305	1.4716	3.6283	3.5047
Lu-177	1.4798	1.1055	1.5692	1.9665	1.2119	0.9928	2.3491	1.6791
Lu-177m	27.5626	21.0888	30.0277	34.2763	23.4507	18.9588	43.9952	32.0942
Lu-178	1.8104	1.2504	1.9540	2.6371	1.3485	1.0733	2.8192	2.3721
Lu-178m	20.7299	16.0462	21.3866	24.7430	17.9575	14.2023	31.5979	23.2831
Lu-179	0.5527	0.4605	0.5638	0.6781	0.5075	0.4096	1.0367	0.5739
Lu-180	9.0042	7.0397	9.5842	11.1600	7.8096	6.1511	16.9105	11.7770
Lu-181	11.0679	7.8425	12.1382	15.4590	8.6565	6.7110	18.0546	14.4889
Mg-27	2.6717	2.2948	3.0128	2.8141	2.6440	1.9425	6.9823	3.9454
Mg-28	10.5165	8.1648	11.9170	11.0546	9.8538	7.6938	20.0888	9.9262
Mn-50m	8.4984	7.3703	9.3113	8.8335	8.4354	6.2899	22.9572	12.6073
Mn-51	0.0776	0.0469	0.0816	0.1412	0.0476	0.0368	0.1199	0.1265
Mn-52	9.1743	7.4523	9.9733	10.9630	8.3941	6.2814	22.2901	13.5687
Mn-52m	2.3358	2.0773	2.4992	2.4148	2.3113	1.8031	6.4337	3.2185
Mn-53	2.1883	1.2049	2.2845	4.3498	1.1684	0.9197	2.8740	3.6456
Mn-54	4.8838	3.4899	5.3357	7.1640	3.8315	2.8483	9.9173	7.6455
Mn-56	3.5752	3.0974	3.9937	3.6915	3.5432	2.6483	9.3203	4.9341
Mn-57	5.0905	3.3254	5.0929	8.9532	3.3798	2.7707	6.8024	7.4659
Mn-58m	5.7849	4.9946	6.3347	5.9597	5.7332	4.3141	14.9471	8.4011
Mo-101	6.1772	5.0084	6.6586	7.8525	5.5594	4.2650	12.4332	8.0880
Mo-102	0.4056	0.3433	0.4205	0.5245	0.3805	0.3009	0.6868	0.4920
Mo-89	0.8716	0.7230	0.9682	1.1508	0.7911	0.5991	1.8036	1.1403
Mo-90	19.5874	15.8663	21.4640	30.6006	16.3874	13.3704	27.0243	20.6940
Mo-91m	3.2155	2.6810	3.4624	3.8908	3.0144	2.2384	7.1918	4.2847
Mo-91	0.6503	0.5101	0.7551	1.1510	0.5048	0.4019	0.7750	0.6992
Mo-93	9.6888	7.5631	11.2722	17.3873	7.4516	5.9336	11.1123	10.4106

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Mo-93m	10.3449	8.6899	11.4662	13.6146	9.4750	7.1959	20.9237	12.2065
Mo-99	1.4982	1.2262	1.7349	2.0453	1.3617	1.0160	2.7022	1.8158
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	1.4329	1.2966	1.5611	1.4561	1.4384	1.1912	4.0914	1.5205
Na-22	2.3809	2.1298	2.5780	2.4767	2.3874	1.8346	7.2298	3.9442
Na-24	4.3818	3.9310	4.8374	4.4319	4.3863	3.4385	12.1695	5.7009
Nb-87	11.0255	8.8775	11.3940	16.9292	9.2489	7.5392	15.5158	12.3064
Nb-88m	10.3265	8.8117	10.9337	11.3091	10.0021	7.6095	23.1789	14.2285
Nb-88	18.3253	15.1528	19.3326	23.6443	16.5703	12.9553	33.5876	23.2844
Nb-89	3.1191	2.4879	3.3627	4.9481	2.5452	2.0409	4.5287	3.6812
Nb-89m	4.5246	3.6599	4.7150	6.0012	4.0120	3.2301	6.6172	5.5607
Nb-90	14.9239	12.2811	15.8432	21.1040	13.0480	10.5641	25.2555	18.7547
Nb-91	9.6674	7.4331	10.3890	17.0520	7.3480	5.9454	10.5971	11.1997
Nb-91m	8.2859	6.4627	9.5964	14.8085	6.3777	5.0792	9.5867	8.9711
Nb-92	14.8353	11.8359	15.8709	22.1185	12.5225	9.8215	22.7783	18.4723
Nb-92m	12.3811	9.7857	13.4450	19.9696	10.0226	7.9396	17.6222	15.1348
Nb-93m	1.8808	1.4334	2.1702	3.4044	1.4110	1.1228	2.1823	2.1102
Nb-94m	6.6292	5.1620	7.7047	11.8930	5.0888	4.0500	7.6362	7.1615
Nb-94	5.4224	4.5549	5.9198	5.6087	5.3583	3.8388	13.8135	7.9242
Nb-95	2.7513	2.2987	3.0514	2.8367	2.7176	1.9345	7.0690	4.0660
Nb-95m	7.3715	5.8466	8.4033	12.7152	5.8426	4.6541	9.2301	7.8421
Nb-96	8.7430	7.4100	9.3989	9.0905	8.6115	6.4140	20.7587	12.4356
Nb-97	2.8451	2.3297	2.8927	2.8703	2.8104	1.9560	6.9146	4.0746
Nb-98m	8.4975	7.2016	9.2735	8.9029	8.3567	6.1109	21.1929	12.0944
Nb-99	11.3903	9.2703	12.6430	16.7547	9.8696	7.9705	15.2646	11.7853
Nb-99m	2.6843	2.2493	2.9560	3.4647	2.4526	1.8922	4.8697	2.9687
Nd-134	12.2740	9.1479	13.0581	14.0887	11.3491	8.0577	20.3685	13.3342
Nd-135	13.9225	10.3709	14.8310	16.2248	12.6672	9.0725	23.9550	13.9186
Nd-136	15.7309	11.2635	16.9059	18.0024	14.2215	9.9580	25.9860	14.5022
Nd-137	13.8784	10.2361	15.0566	15.4155	12.7598	9.1558	24.4170	13.2328
Nd-138	8.4587	5.9256	9.3585	9.7336	7.6163	5.2732	14.1121	7.3974
Nd-139	6.9281	4.9299	7.6322	7.9101	6.2830	4.3818	11.8480	6.3469
Nd-139m	17.6488	13.2800	19.0989	19.5060	16.4084	11.7838	33.1102	17.9759
Nd-140	8.1041	5.6493	8.9875	9.3624	7.2789	5.0264	13.5124	7.0661
Nd-141	8.1076	5.6651	8.9912	9.3396	7.2967	5.0416	13.5788	7.0843
Nd-141m	3.1871	2.5677	3.5060	3.3536	3.0903	2.1717	7.5660	4.3161
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	6.5801	4.8531	6.8578	7.1575	6.0490	4.1587	10.4877	5.9875
Nd-149	7.7254	6.0642	7.8922	8.6539	7.2151	5.3164	13.3721	7.8746
Nd-151	7.5868	6.1371	7.7278	8.1506	7.2375	5.5288	14.1272	8.3544

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Nd-152	3.8743	3.0353	4.0342	5.3030	3.3108	2.5299	6.2712	4.3345
Ne-19	0.0006	0.0005	0.0006	0.0006	0.0006	0.0005	0.0010	0.0005
Ne-24	3.1131	2.6070	3.1500	3.1423	3.0386	2.4234	5.2119	4.0110
Ni-56	13.5431	10.2566	14.0690	18.3820	11.5808	8.5739	24.3887	21.9114
Ni-57	5.0723	3.7867	5.2920	7.2731	4.0502	3.2999	10.3721	7.4130
Ni-59	3.7942	2.0891	3.9610	7.5421	2.0259	1.5946	4.9832	6.3211
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	1.0976	0.9711	1.1736	1.1292	1.0878	0.8413	2.8449	1.5043
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	22.3587	17.0131	23.2723	34.0396	17.9346	13.9065	31.7720	27.0057
Np-233	10.3006	7.6611	10.3382	16.0583	8.0238	6.2766	12.5751	11.6872
Np-234	14.8586	11.1414	15.4149	23.5160	11.5827	9.0851	20.5118	17.7875
Np-235	6.5703	4.5533	7.0208	12.2372	4.4661	3.5630	7.8079	8.7129
Np-236	28.0838	20.5447	30.0144	48.3147	20.8755	16.3538	34.1366	34.7072
Np-236m	6.3249	4.6761	6.4827	10.1819	4.8477	3.7964	7.7200	7.2840
Np-237	12.3013	8.8178	12.9800	20.6207	9.0544	7.2492	15.1672	14.7211
Np-238	7.4348	5.6336	8.5343	12.5859	5.7213	4.4625	11.1970	9.2351
Np-239	15.5723	11.6167	16.5536	25.0529	12.0245	9.4846	20.2581	17.6829
Np-240	22.1497	16.7600	24.7241	36.3765	17.3008	13.4685	31.3381	26.7406
Np-240m	6.6541	4.9860	7.4948	11.1869	5.1118	3.9835	9.3414	8.1009
Np-241	4.0847	3.0620	4.3273	6.5627	3.1769	2.5029	5.1642	4.6475
Np-242	1.4935	1.1665	1.6828	2.2725	1.2312	0.9446	2.6502	1.9000
Np-242m	20.7458	15.6112	23.6730	35.1402	15.9535	12.3429	29.5256	25.5281
O-14	2.0758	1.8801	2.2952	2.0588	2.0775	1.6602	5.3937	2.2543
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	4.6446	4.0422	4.6587	5.3491	4.5120	3.5344	10.1842	5.4959
Os-180	13.8999	9.4886	15.9179	21.7030	9.9031	8.6120	19.2641	17.0565
Os-181	19.1517	14.0471	20.6866	25.3824	15.2701	13.2831	31.0206	23.4205
Os-182	14.8508	10.4551	15.9426	20.8457	11.3212	9.8053	21.5181	19.1157
Os-183	20.1914	14.5791	21.7421	26.2559	15.9313	14.1284	29.0542	24.2659
Os-183m	10.8796	7.8940	11.9630	14.4835	8.5498	7.5184	18.0019	13.8498
Os-185	10.8659	7.7994	11.7548	14.1647	8.6352	7.3631	17.8090	13.7560
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	3.5376	1.9620	3.6660	7.0158	1.9036	1.5014	4.6152	5.8788
Os-190m	17.5312	13.0950	17.6875	23.2388	14.6283	11.5023	28.6052	24.2805
Os-191	11.6733	7.7595	11.9670	18.1522	8.1128	7.4030	15.5723	15.5209
Os-191m	4.2286	2.4749	4.4043	7.8259	2.4619	2.0573	5.5358	6.5867
Os-193	2.9816	2.0503	3.0392	4.4043	2.1845	1.9223	4.0639	3.9243
Os-194	3.5253	2.0735	3.6507	6.5033	2.1210	1.6079	4.7244	5.4461
Os-196	2.3910	1.7652	2.4446	3.1044	1.9207	1.7443	3.4771	2.8023

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
P-30	0.0018	0.0016	0.0020	0.0021	0.0017	0.0014	0.0044	0.0021
P-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pa-227	5.4035	3.8433	5.4489	8.9734	3.9260	3.2302	6.4576	6.7958
Pa-228	25.5938	18.9677	25.7619	40.1515	19.8399	15.6555	34.8345	32.4455
Pa-229	9.8741	7.1656	9.6259	15.7451	7.4561	5.8960	11.7282	11.8616
Pa-230	15.5554	11.5020	15.6604	24.5119	12.0195	9.4653	20.6630	19.4479
Pa-231	11.6495	8.0389	11.9263	20.2982	8.0778	6.5245	14.2184	15.4002
Pa-232	12.3235	9.3323	13.3544	19.6971	9.7403	7.6009	18.3636	16.0404
Pa-233	12.8754	9.5235	13.2627	20.7825	9.8269	7.7235	16.1234	15.5297
Pa-234	24.5775	18.6016	26.0747	38.7772	19.4580	15.2811	35.7112	30.5749
Pa-234m	0.1891	0.1433	0.2003	0.2956	0.1500	0.1167	0.2858	0.2373
Pa-235	1.2807	0.7066	1.3342	2.5441	0.6854	0.5398	1.6789	2.1321
Pa-236	8.4116	6.3586	8.9631	13.2178	6.6803	5.1504	13.0411	10.6953
Pa-237	3.4439	2.6408	3.6735	4.5306	2.9543	2.2424	6.7207	4.9523
Pb-194	15.5247	11.4086	15.2830	21.1630	12.3952	10.3804	22.8416	19.0456
Pb-195m	21.1735	15.3921	20.8558	29.7418	16.7366	13.5271	31.2373	28.3193
Pb-196	15.1189	11.0419	14.7495	20.9321	11.9239	10.1200	20.7772	18.1757
Pb-197	13.1716	9.8418	13.1247	17.3796	10.7668	8.8992	20.4087	16.6320
Pb-197m	18.9091	13.7922	18.5217	26.5059	14.9569	12.2231	27.4159	24.4696
Pb-198	14.6277	10.6226	14.2405	20.3819	11.4749	9.6138	19.8524	18.1385
Pb-199	12.0853	8.9099	11.9287	16.2337	9.6907	8.0846	17.6826	14.9867
Pb-200	15.1951	10.7383	14.7334	22.2557	11.4993	9.7880	19.6342	19.5954
Pb-201	13.7402	10.1504	13.4716	18.2690	11.0549	9.1639	19.4492	16.8860
Pb-201m	5.1441	3.7444	4.9582	6.9678	4.1580	3.2885	8.0751	6.6728
Pb-202	3.5760	2.0348	3.6111	7.0335	1.9772	1.5703	4.5552	5.8872
Pb-202m	11.4561	9.0641	11.7436	14.0007	10.2191	7.8869	21.5535	15.8392
Pb-203	12.5043	9.1587	12.1234	17.3697	9.8274	8.3123	17.1116	14.8027
Pb-204m	8.9242	7.4118	9.4416	9.9145	8.4297	6.3820	18.8317	12.3112
Pb-205	3.6194	2.0596	3.6547	7.1187	2.0014	1.5895	4.6102	5.9584
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	4.2208	2.6512	4.1465	7.7650	2.6560	2.0851	5.2185	6.4080
Pb-211	0.4354	0.3449	0.4406	0.5178	0.3915	0.3018	0.7720	0.5855
Pb-212	5.4981	4.1591	5.1665	7.6650	4.4657	3.6709	7.8295	6.2826
Pb-214	5.4116	4.0794	5.1742	7.3280	4.4234	3.5343	7.5810	6.6614
Pd-100	23.4839	19.1010	32.5109	38.8498	19.5340	15.0569	32.7532	17.1246
Pd-101	19.3932	15.8477	28.6333	35.1849	15.6505	11.7493	28.4343	14.8991
Pd-103	9.7159	7.9054	14.8510	18.4927	7.6839	5.7344	13.7811	7.0770
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	5.5650	4.5851	7.1202	8.6108	4.7582	3.6737	8.6738	5.1744

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Pd-109	5.0451	4.0201	6.6532	7.7473	4.0390	3.2487	7.0717	3.9496
Pd-111	0.3027	0.2511	0.3411	0.3497	0.2791	0.2224	0.5567	0.3283
Pd-112	4.0845	3.2193	5.5447	7.7716	3.1372	2.3945	5.2462	3.7987
Pd-114	0.5683	0.4868	0.5928	0.6852	0.5305	0.4584	0.9755	0.5365
Pd-96	13.5196	11.2447	17.6663	20.5891	11.8235	9.3790	23.2015	12.5916
Pd-97	8.7836	7.4695	10.8792	12.4528	7.9297	6.0887	16.5789	8.8454
Pd-98	16.6397	13.6566	22.7823	27.3853	13.9945	10.7619	24.6980	13.1930
Pd-99	11.0658	9.2229	14.3078	17.0784	9.6635	7.6676	18.0862	10.6028
Pm-136	9.6561	7.9365	10.0559	10.0155	9.3454	6.8507	19.7085	12.5945
Pm-137m	16.7303	12.9616	17.3547	18.5478	15.6663	11.3536	29.2489	17.6245
Pm-139	3.9459	2.9088	4.2442	4.4031	3.6253	2.5295	6.7522	3.9212
Pm-140m	11.5446	9.3374	12.4811	12.4129	11.0672	8.0744	24.3848	14.7124
Pm-140	1.3467	1.0083	1.4704	1.5020	1.2503	0.8714	2.5555	1.4545
Pm-141	4.5292	3.2497	4.9749	5.1666	4.1165	2.8075	7.9611	4.2577
Pm-142	2.0012	1.4193	2.1997	2.2860	1.8106	1.2268	3.4217	1.8104
Pm-143	9.0883	6.4994	9.9932	10.3376	8.2646	5.5939	16.0645	8.7362
Pm-144	15.1441	11.4574	16.0973	16.4115	14.2245	9.8936	29.3409	17.0461
Pm-145	8.2122	5.7359	9.0238	9.5668	7.3255	4.9690	13.5681	7.4454
Pm-146	8.9215	6.7114	9.5996	9.8120	8.3027	5.8614	16.1485	9.6665
Pm-147	0.0003	0.0003	0.0003	0.0004	0.0003	0.0002	0.0005	0.0003
Pm-148	1.5333	1.3151	1.6155	1.5564	1.5163	1.1589	3.6048	2.0643
Pm-148m	10.2643	8.4100	10.4728	10.5318	10.0006	7.3047	21.5315	13.5341
Pm-149	0.1613	0.1296	0.1632	0.1968	0.1446	0.1093	0.2800	0.1822
Pm-150	5.1177	4.3764	5.2956	5.1964	4.9975	3.7606	11.0012	6.7415
Pm-151	6.4290	4.9705	6.6430	7.1588	5.9451	4.2396	10.7705	7.0556
Pm-152m	11.6563	9.5141	11.9319	13.0214	11.0244	8.3881	22.7228	12.6836
Pm-152	2.4374	1.9177	2.5400	2.7003	2.2767	1.7215	4.6239	2.6367
Pm-153	5.4605	4.0337	5.7169	6.4185	4.8513	3.7125	8.7388	5.3038
Pm-154	6.6863	5.2790	7.1489	7.5910	6.1726	4.4788	13.6755	7.8371
Pm-154m	11.7270	9.2809	12.1889	13.2036	10.8985	7.9874	22.0853	13.4907
Po-203	15.2598	11.4119	14.8680	21.2164	12.3578	9.9549	23.8794	19.5663
Po-204	26.8693	19.1485	25.9166	39.8765	20.4161	16.7749	37.1575	34.7637
Po-205	14.4229	10.7979	14.1605	19.6863	11.7608	9.4479	22.9199	18.3925
Po-206	20.5315	14.7829	19.7446	30.3222	15.7950	12.7737	28.8467	27.1144
Po-207	13.0867	9.8026	12.7857	17.7717	10.6923	8.5844	20.4182	16.6259
Po-208	0.0005	0.0004	0.0005	0.0007	0.0004	0.0003	0.0007	0.0006
Po-209	0.2784	0.1735	0.2830	0.4927	0.1765	0.1412	0.3865	0.4187
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0001
Po-211	0.0328	0.0273	0.0346	0.0346	0.0319	0.0239	0.0735	0.0456
Po-212m	0.1153	0.0986	0.1221	0.1161	0.1136	0.0876	0.2628	0.1403

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Po-212	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0001	0.0002	0.0002	0.0001	0.0001	0.0004	0.0002
Po-214	0.0003	0.0002	0.0003	0.0003	0.0003	0.0002	0.0007	0.0004
Po-215	0.0013	0.0011	0.0013	0.0014	0.0012	0.0010	0.0020	0.0017
Po-216	0.0001	0.0000	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001
Po-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-134	14.5566	11.7899	15.1183	15.5056	13.9515	10.3320	28.6125	17.8242
Pr-134m	6.7426	5.4394	7.0732	7.2073	6.4266	4.8595	12.6598	7.9532
Pr-135	10.7383	7.8784	11.6225	12.0564	9.8301	7.1563	18.2135	9.6286
Pr-136	8.8796	6.9517	9.4682	9.4736	8.4320	6.3130	16.9023	9.9604
Pr-137	6.6379	4.6623	7.4221	7.6397	5.9852	4.2622	11.2502	5.8102
Pr-138	2.2184	1.5593	2.4855	2.5490	2.0021	1.4230	3.8117	1.9460
Pr-138m	15.8567	12.4031	17.3235	17.3523	14.9334	10.9095	31.7935	17.7211
Pr-139	7.7364	5.3850	8.6736	8.9404	6.9481	4.9352	12.9681	6.5795
Pr-140	4.1305	2.8747	4.6310	4.7715	3.7098	2.6347	6.9172	3.5083
Pr-142	0.0828	0.0740	0.0880	0.0827	0.0821	0.0649	0.2118	0.0912
Pr-142m	0.1722	0.0948	0.1798	0.3423	0.0919	0.0724	0.2261	0.2869
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0593	0.0505	0.0629	0.0598	0.0588	0.0432	0.1499	0.0793
Pr-144m	3.8454	2.5849	4.2220	4.9909	3.2136	2.2544	6.1807	3.8799
Pr-145	0.1570	0.1203	0.1700	0.1698	0.1470	0.1056	0.3073	0.1712
Pr-146	2.9434	2.5019	3.0672	3.0040	2.8860	2.2309	6.2150	3.8574
Pr-147	13.2628	9.7251	14.3414	14.7693	12.1160	8.4819	22.4726	12.5843
Pr-148	3.9921	3.4173	4.0697	4.1039	3.8910	2.9396	8.3179	4.9121
Pr-148m	6.2801	5.2805	6.2689	6.4345	6.0830	4.5944	11.5850	7.5351
Pt-184	30.9968	21.7314	31.9509	43.9775	23.3715	20.7309	43.2707	39.8568
Pt-186	14.7091	10.4649	15.3168	19.9376	11.3955	10.0416	22.2749	18.5145
Pt-187	19.4035	13.6842	20.0441	27.0129	14.6844	13.2334	27.4261	23.9086
Pt-188	14.5759	10.0887	15.1038	21.0790	10.7441	9.7134	19.9827	18.4246
Pt-189	19.0000	13.2260	19.6445	26.8357	14.1646	12.7960	26.4755	23.7054
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	17.6209	12.2566	18.2676	24.6632	13.1144	12.0661	23.6895	21.6241
Pt-193	3.7972	2.1433	3.8652	7.4882	2.0817	1.6498	4.8734	6.2707
Pt-193m	5.3420	3.2074	5.4620	9.6673	3.2148	2.7044	6.8846	8.1220
Pt-195m	15.8235	10.2076	16.0973	25.6505	10.5999	9.2341	20.4837	21.5782
Pt-197	4.3315	2.7849	4.2391	7.3171	2.8691	2.3628	5.4732	6.1019
Pt-197m	10.4319	6.7170	10.5737	17.1899	6.9212	5.9932	13.5017	14.6161
Pt-199	2.2346	1.6988	2.2316	2.8974	1.8884	1.5194	3.5614	2.9230
Pt-200	6.5705	4.4086	6.5653	10.2579	4.6348	3.9575	8.5891	8.6880
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Pu-232	7.7990	5.8287	7.9946	12.2481	6.0868	4.7708	9.6171	8.7143
Pu-234	9.2857	6.9011	9.5798	14.8324	7.1680	5.6251	11.4207	10.5206
Pu-235	13.1301	9.7113	13.7412	21.2657	10.0483	7.8678	16.2455	15.0494
Pu-236	2.0926	1.4927	2.2971	3.8876	1.4639	1.1634	2.4813	2.6448
Pu-237	10.3033	7.5191	10.9128	17.2584	7.6780	6.0828	12.6293	12.1550
Pu-238	1.9320	1.3774	2.1176	3.5906	1.3507	1.0738	2.2888	2.4452
Pu-239	1.0659	0.7188	1.1541	2.0110	0.7038	0.5585	1.2960	1.4508
Pu-240	1.8174	1.2960	1.9933	3.3772	1.2709	1.0102	2.1538	2.2989
Pu-241	0.0003	0.0002	0.0003	0.0005	0.0002	0.0002	0.0004	0.0004
Pu-242	1.5581	1.1110	1.7087	2.8955	1.0896	0.8661	1.8466	1.9713
Pu-243	3.5314	2.6562	3.7786	5.4352	2.7865	2.2036	4.3641	3.6800
Pu-244	1.3536	0.9736	1.4807	2.4643	0.9637	0.7648	1.6611	1.7106
Pu-245	6.0860	4.7971	6.4099	8.4404	5.1738	4.0354	9.0835	6.9484
Pu-246	13.4928	10.2192	14.8905	20.3803	10.9459	8.3590	18.8287	14.3812
Ra-219	3.7015	2.8534	3.4916	4.7970	3.1100	2.4325	4.9621	4.3309
Ra-220	0.0327	0.0269	0.0325	0.0350	0.0310	0.0248	0.0508	0.0416
Ra-221	5.0088	3.4693	4.8342	8.4591	3.5749	2.8589	6.0722	7.0816
Ra-222	0.1096	0.0901	0.1048	0.1207	0.1003	0.0769	0.1617	0.1286
Ra-223	8.1870	5.9268	7.7485	12.1818	6.3253	5.0415	10.3509	10.1727
Ra-224	0.2176	0.1783	0.2082	0.2986	0.1905	0.1527	0.3707	0.2380
Ra-225	5.0563	3.5801	5.2065	7.1328	4.1822	2.8905	7.2761	5.4822
Ra-226	2.1422	2.2207	2.2396	2.0758	2.1164	2.2341	2.2706	2.1097
Ra-227	12.0291	8.5747	12.2708	19.4821	8.8276	7.1204	15.3408	15.0511
Ra-228	2.1490	2.2156	2.2418	2.0830	2.1144	2.2118	2.2505	2.1397
Ra-230	4.4228	3.2343	4.3669	6.6154	3.4223	2.8174	5.6419	5.3271
Rb-77	7.0010	5.5958	7.0737	7.8523	6.2416	5.5742	10.8511	8.0253
Rb-78m	7.1804	6.0444	7.3577	7.5119	6.9638	5.3074	15.1545	9.4509
Rb-78	5.5218	4.6109	5.6562	6.2502	5.1943	4.0885	11.2354	7.1645
Rb-79	8.4492	6.4734	7.8818	11.9536	7.1079	5.6292	12.6781	12.4654
Rb-80	0.9319	0.7461	0.9141	1.0235	0.8847	0.6319	2.0446	1.3302
Rb-81	6.1423	4.3123	5.4193	10.3452	4.4207	3.5910	7.4416	9.0969
Rb-81m	5.6224	3.9880	4.8666	9.9233	3.9719	3.2569	5.9733	7.9036
Rb-82	0.7484	0.5755	0.7525	1.0245	0.6372	0.4779	1.4741	1.1215
Rb-82m	14.2515	11.1084	14.0307	18.9796	12.3286	9.3815	27.5038	20.8454
Rb-83	9.5071	6.7554	8.5334	15.4081	7.0548	5.7142	12.1515	13.9330
Rb-84	6.4861	4.6843	6.0288	10.5383	4.8676	3.8429	9.8347	9.7945
Rb-84m	6.2930	5.1146	5.8536	8.7972	5.4641	4.4088	10.0474	7.5484
Rb-86m	2.9383	2.4208	2.9265	3.0156	2.8588	2.1882	5.6088	3.9074
Rb-86	0.2184	0.1933	0.2429	0.2334	0.2169	0.1650	0.5981	0.3296
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Rb-88	0.9311	0.8286	1.0208	0.9522	0.9250	0.7197	2.4191	1.1642
Rb-89	4.1366	3.6583	4.5374	4.3284	4.1169	3.1434	11.2565	5.9784
Rb-90	2.2127	1.9313	2.4712	2.3065	2.1983	1.6771	5.8179	2.9646
Rb-90m	5.3066	4.5903	5.8816	5.5995	5.2222	3.9442	13.7618	7.3204
Re-178	13.8163	10.0720	14.9482	18.6736	10.9349	9.1946	22.3229	16.8075
Re-179	16.3220	12.0352	17.7216	21.0609	13.2224	11.1579	25.2430	19.8541
Re-180	15.3075	10.9681	16.9354	20.6292	11.9847	10.0205	24.9136	19.3756
Re-181	18.3009	13.1333	20.0774	24.2303	14.3731	12.2000	27.5974	22.6539
Re-182	33.2183	24.3776	35.9650	43.9254	26.6121	22.6400	52.4480	40.9423
Re-182m	18.5974	13.4812	20.4709	24.1347	14.7304	12.8433	29.1701	22.5128
Re-183	18.5662	12.6477	20.6295	26.7566	13.6554	11.5737	26.3856	23.8270
Re-184	13.7693	9.9165	15.3411	18.2626	10.8730	9.1826	22.5109	17.2254
Re-184m	15.1014	10.3843	16.2131	22.0526	11.1154	9.4971	22.0507	19.5050
Re-186	1.7492	1.2266	1.8532	2.4842	1.3226	1.1863	2.4773	2.2522
Re-186m	11.2659	6.6352	11.8992	20.5497	6.7215	5.3749	15.1199	17.2989
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	1.4856	1.0804	1.5218	2.0753	1.2048	0.9762	2.1590	2.3461
Re-188m	12.7970	8.4126	13.6693	19.5441	8.8514	7.9104	17.2568	16.7088
Re-189	1.9469	1.3910	1.9875	2.8974	1.4856	1.2458	2.9847	2.5482
Re-190	10.3560	8.3673	10.4943	11.9669	9.5470	7.4425	19.1389	13.5432
Re-190m	12.1987	9.1151	12.6565	15.7040	10.1341	8.3756	19.6596	15.7757
Rh-100m	13.4914	10.8531	19.9583	24.4655	10.8374	8.1461	19.3958	10.0100
Rh-100	15.5841	12.8992	20.2642	24.2582	13.4745	10.2725	26.6599	15.5951
Rh-101	16.5951	13.7037	21.4776	27.3130	14.0265	11.2346	24.9065	14.4344
Rh-101m	12.5305	10.2611	16.9900	21.4549	10.3296	7.8067	17.8159	10.9058
Rh-102	7.9610	6.4784	10.8255	13.5943	6.5919	5.0234	11.5466	7.3027
Rh-102m	18.6862	15.3465	23.5602	27.8348	16.4177	12.2952	32.7323	20.2221
Rh-103m	1.2950	0.9855	1.8520	2.4813	0.9591	0.7206	1.8116	1.1849
Rh-104	0.1061	0.0871	0.1274	0.1469	0.0954	0.0725	0.1817	0.1174
Rh-104m	12.6914	10.2931	19.0313	20.6190	10.6120	7.6657	19.2235	9.5796
Rh-105	0.8086	0.6911	0.8020	0.8215	0.7725	0.5874	1.2686	0.8924
Rh-106	0.9857	0.8222	1.0036	0.9934	0.9685	0.7450	1.9315	1.2986
Rh-106m	10.3932	8.8107	10.9468	10.7556	10.2039	7.7691	22.7727	14.1176
Rh-107	3.1396	2.6893	3.1209	3.3127	3.0043	2.3023	5.2072	3.4853
Rh-108	1.9176	1.5882	1.9326	1.9871	1.8572	1.4229	3.3952	2.5159
Rh-109	4.6065	3.8614	5.0838	5.6699	4.2271	3.2620	7.2761	4.7208
Rh-94	6.1740	5.3784	6.6984	6.5079	6.0756	4.6599	15.4684	8.3431
Rh-95	6.6273	5.6037	8.2946	9.3631	5.9903	4.5183	13.8637	7.6472
Rh-95m	3.7883	3.1420	4.4037	4.7773	3.5180	2.6984	6.8569	4.3499
Rh-96	13.3030	11.0583	15.3670	16.2931	12.5360	9.0768	29.9794	17.1921

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Rh-96m	6.3987	5.2903	8.8873	10.4386	5.4452	4.0646	11.4508	6.0973
Rh-97	7.6245	6.2717	9.6446	11.5445	6.6316	5.0347	12.3456	8.0139
Rh-97m	13.2076	10.9610	17.1939	21.0925	11.3462	8.6381	22.1750	12.9495
Rh-98	4.0936	3.3648	4.6148	5.0143	3.8476	2.7489	8.9700	5.1919
Rh-99	18.3244	14.9065	24.5473	30.8897	15.1823	11.5009	25.8269	15.9650
Rh-99m	12.7399	10.4157	17.0490	21.3164	10.6128	7.9896	18.8951	11.7574
Rn-207	11.0147	8.3579	10.5702	14.5791	9.2107	7.1711	16.3647	13.7339
Rn-209	12.4412	9.4134	11.9796	16.6926	10.3388	8.1047	18.4415	15.5754
Rn-210	1.0816	0.7932	1.0412	1.5702	0.8542	0.6797	1.5320	1.3863
Rn-211	14.4471	11.0161	14.1654	19.5270	12.1116	9.3928	24.2788	19.1560
Rn-212	0.0014	0.0012	0.0015	0.0015	0.0014	0.0010	0.0035	0.0021
Rn-215	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0038	0.0030	0.0037	0.0038	0.0037	0.0026	0.0083	0.0052
Rn-219	0.8020	0.6520	0.7656	0.9961	0.7169	0.5672	1.2792	0.9377
Rn-220	2.4102	2.5057	2.5265	2.3850	2.3734	2.4757	2.5385	2.4243
Rn-222	0.0024	0.0020	0.0024	0.0025	0.0023	0.0019	0.0039	0.0030
Rn-223	9.3948	6.6115	9.2533	15.1540	6.9242	5.4863	12.6184	12.8525
Ru-103	3.0107	2.5201	3.1228	3.1132	2.9274	2.3563	4.9581	3.7146
Ru-105	5.5656	4.6226	6.5738	7.2362	5.1226	3.8452	10.5341	6.3908
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	1.7884	1.5195	1.9356	2.0764	1.7111	1.3067	3.6562	2.2086
Ru-108	2.5272	2.0598	3.0047	3.7560	2.2485	1.6690	3.6532	3.3537
Ru-92	31.7989	26.1837	39.5124	49.6447	27.2852	21.1626	49.5934	30.2994
Ru-94	12.9632	10.4838	16.6968	21.8825	10.6596	8.1230	18.2379	12.7840
Ru-95	13.1060	10.7237	16.3768	20.7919	11.0983	8.4254	20.3638	13.5408
Ru-97	13.5083	11.0284	17.2245	23.1873	11.1224	8.5823	19.5714	12.4374
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	1.9032	1.7170	2.1794	1.9185	1.9047	1.5289	5.0815	2.0707
S-38	1.8240	1.6720	1.9523	1.8287	1.8177	1.4794	4.6966	1.9925
Sb-111	7.5752	6.1667	7.9276	8.3384	6.9691	5.5367	12.0664	9.8308
Sb-113	7.0133	5.6869	7.4689	7.3226	6.2843	5.2469	10.8157	6.9457
Sb-114	5.8716	4.9797	6.4090	6.1794	5.4971	4.3772	13.4913	7.3686
Sb-115	9.5820	7.6758	10.3714	10.1540	8.3825	7.1194	14.2983	8.9334
Sb-116	7.7513	6.4003	8.5703	8.2868	6.9413	5.7177	15.4770	8.3663
Sb-116m	23.0017	18.7950	24.7646	24.4501	20.6371	16.9685	40.9452	23.8986
Sb-117	14.0621	11.1231	15.2700	15.7168	12.1019	9.9941	20.1484	14.9258
Sb-118	2.7202	2.1413	3.0270	2.9585	2.2689	1.9581	4.0207	2.2245
Sb-118m	27.5429	22.3662	30.0536	29.8344	24.5095	19.9055	49.1461	26.1583

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Sb-119	12.3250	9.5964	13.9305	14.2393	10.0516	8.6648	17.4807	10.0228
Sb-120	5.8564	4.5928	6.5231	6.3798	4.8544	4.2071	8.4174	4.6514
Sb-120m	24.2734	19.9049	25.7492	25.9902	21.7956	17.8241	42.2491	23.4362
Sb-122m	14.5606	11.2477	16.3311	15.4103	12.3736	11.0659	21.0134	11.8244
Sb-122	2.4467	2.0132	2.4888	2.4591	2.3699	1.8095	4.8207	3.1409
Sb-124	4.9882	4.2085	5.1161	4.9935	4.9306	3.6468	11.8028	6.5971
Sb-124m	2.6535	2.0580	2.6865	3.1127	2.3983	1.7939	5.1643	3.7267
Sb-124n	0.6006	0.3308	0.6270	1.1935	0.3208	0.2525	0.7889	1.0002
Sb-125	9.2358	7.1291	10.1025	10.0490	8.2077	6.5741	14.9966	8.7341
Sb-126	12.4409	10.2827	12.8659	12.7129	12.1926	8.8086	28.0859	17.3847
Sb-126m	7.6410	6.2646	7.8043	7.8843	7.4259	5.3938	16.3597	10.6227
Sb-127	4.0191	3.3154	4.1979	4.1649	3.8679	2.9441	8.1847	5.0564
Sb-128	13.7375	11.4667	14.3525	13.8931	13.4723	9.8342	30.9987	18.7625
Sb-128m	8.9707	7.5208	9.4429	9.0603	8.7558	6.3908	19.8606	12.0335
Sb-129	4.4743	3.8156	4.8496	4.6377	4.4073	3.2900	10.8137	6.2235
Sb-130m	10.3576	8.7338	11.3599	11.0708	10.0970	7.4850	24.5889	14.6176
Sb-130	15.4209	12.9613	16.3961	16.3084	14.9405	11.1826	33.1785	20.6476
Sb-131	5.5422	4.7608	5.9556	5.7546	5.4556	4.0997	13.6630	7.5892
Sb-133	5.4062	4.7382	5.8786	5.5951	5.3594	4.0895	14.0122	7.5050
Sc-42m	7.5963	6.6070	7.9421	7.8054	7.4863	5.8350	17.8585	10.5069
Sc-43	0.8023	0.6339	0.7919	0.9421	0.7158	0.5474	1.2284	1.0685
Sc-44	2.5443	2.2428	2.7959	2.7423	2.5111	1.9187	7.2245	4.0258
Sc-44m	2.9818	2.5958	2.8802	3.4944	2.8333	2.2331	5.6921	3.1866
Sc-46	5.1394	4.4874	5.7475	5.4302	5.1024	3.8179	13.9487	7.7524
Sc-47	2.4154	1.9764	2.3764	2.9487	2.3627	1.6540	3.5228	4.9013
Sc-48	7.7531	6.8546	8.5629	8.2598	7.7052	5.8610	21.0943	11.6868
Sc-49	0.0013	0.0012	0.0014	0.0013	0.0013	0.0010	0.0033	0.0014
Sc-50	7.2955	6.3670	7.7235	7.4197	7.2307	5.6572	17.3921	9.7139
Se-70	17.0460	10.9514	18.2393	28.5866	11.4918	8.7119	24.0989	24.8199
Se-71	3.6409	2.9630	3.7167	4.4197	3.3844	2.6399	6.9803	5.7765
Se-72	15.0033	9.4345	16.3323	24.9606	10.1335	7.3051	21.3117	21.0625
Se-73	10.7287	7.8306	10.9428	13.9899	8.5175	7.5038	14.8349	13.0882
Se-73m	2.3814	1.5335	2.3360	4.1118	1.5689	1.2762	3.1771	3.5538
Se-75	14.5003	10.0879	14.2224	23.1298	10.6024	8.7495	21.2782	20.4454
Se-77m	5.1204	3.4770	4.9464	8.5661	3.7199	2.8111	6.7317	8.9359
Se-79m	6.1251	3.7488	5.8176	11.4232	3.7212	2.9675	7.4512	9.5454
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0584	0.0504	0.0577	0.0628	0.0567	0.0436	0.1139	0.0683
Se-81m	6.2628	3.8666	5.9369	11.5494	3.8591	3.0731	7.6626	9.6589
Se-83m	2.6135	2.2629	2.7856	2.7162	2.5725	1.9413	6.2183	3.5624

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Se-83	9.3305	7.9871	9.6212	9.7268	9.1241	7.0036	19.8237	12.0701
Se-84	3.0312	2.5053	2.9938	3.1733	2.9066	2.2404	4.7877	4.0070
Si-31	0.0017	0.0015	0.0018	0.0017	0.0017	0.0013	0.0051	0.0028
Si-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-139	7.3409	5.7967	7.6331	8.0833	6.8942	4.9600	13.5700	7.9430
Sm-140	9.1076	6.6654	9.7900	10.3883	8.3063	5.6686	15.7844	8.9191
Sm-141	7.2226	5.5449	7.6378	7.9178	6.7357	4.7874	12.7273	7.9622
Sm-141m	14.2914	11.1142	15.1982	16.0365	13.3949	9.5129	27.2955	15.6383
Sm-142	7.4625	5.2469	8.1592	8.5720	6.7187	4.3893	12.4237	6.8427
Sm-143	4.5063	3.1862	4.9262	5.1663	4.0663	2.6676	7.5949	4.1754
Sm-143m	3.2425	2.6054	3.5518	3.4213	3.1359	2.1758	7.6149	4.3820
Sm-145	15.0143	10.6277	16.4828	17.0090	13.5313	9.0696	24.8274	13.6348
Sm-146	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0187	0.0114	0.0212	0.0360	0.0111	0.0087	0.0250	0.0271
Sm-153	7.8276	5.7417	8.4511	8.6227	7.0973	4.7402	12.4975	7.2041
Sm-155	5.2754	4.1728	5.0907	5.3062	4.9789	3.6138	7.8052	4.4755
Sm-156	5.6967	4.2284	5.8805	7.4465	4.8008	3.5953	8.6556	6.3724
Sm-157	6.4112	5.1355	6.6923	7.3099	6.0090	4.4330	11.7109	6.7164
Sn-106	16.1327	13.1595	18.1759	18.7513	14.1469	11.6422	26.2668	15.0324
Sn-108	17.0236	13.7844	18.9496	19.9825	14.8160	12.0923	26.1583	15.9063
Sn-109	13.4628	11.0385	15.4455	15.6358	11.7748	9.6755	23.7066	12.9466
Sn-110	12.9956	10.5611	14.6955	15.4843	11.1127	9.2531	19.6332	10.9035
Sn-111	7.2792	5.7969	8.5806	8.8441	6.0276	5.1039	10.6882	5.8254
Sn-113	9.8587	7.8186	11.6545	12.0676	8.0957	6.8882	14.0073	7.6513
Sn-113m	6.9064	5.3799	7.7380	7.7907	5.6620	4.8936	9.8146	5.5761
Sn-117m	12.2180	9.6495	13.1944	13.8352	10.5478	8.6290	17.4774	13.6815
Sn-119m	8.3166	6.4187	9.4422	10.0503	6.6641	5.7284	11.7085	7.0506
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	2.5076	1.8468	2.7862	3.0439	2.0196	1.6778	3.6693	2.2639
Sn-123	0.0161	0.0143	0.0179	0.0172	0.0160	0.0122	0.0443	0.0244
Sn-123m	4.4359	3.5646	4.5596	5.2408	4.1422	3.0836	6.5174	7.1812
Sn-125m	3.2481	2.7476	3.1665	3.1808	3.1067	2.3764	5.1063	3.7215
Sn-125	0.8591	0.7492	0.9447	0.9004	0.8493	0.6432	2.1901	1.2299
Sn-126	8.1777	6.3002	8.7950	9.4372	6.8979	5.7883	11.2806	6.8611
Sn-127m	2.8770	2.4192	2.9217	2.8743	2.8110	2.2796	4.8605	3.6062
Sn-127	6.2675	5.3569	6.7258	6.6140	6.0754	4.7055	14.1908	8.2064
Sn-128	24.1275	18.8019	26.6674	25.7689	20.9814	17.4337	36.4649	20.6183
Sn-129	3.6144	3.0079	3.7086	3.6599	3.5673	2.5502	8.8239	5.1073

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Sn-130	14.5583	11.7599	15.6274	15.5879	13.1709	10.8897	24.9464	14.2505
Sn-130m	9.3858	7.5360	10.1829	9.8897	8.4801	6.9345	16.1686	9.4428
Sr-79	8.0089	6.0490	7.5281	10.5741	6.9175	5.1417	11.2729	8.9937
Sr-80	8.3509	6.1469	7.4308	13.5752	6.3801	5.1021	10.5676	11.8790
Sr-81	6.0103	4.8476	5.7628	7.7216	5.4776	4.2663	9.3944	9.1901
Sr-82	6.8261	4.8117	5.8509	12.3810	4.7340	3.9074	7.0857	9.8190
Sr-83	11.5411	8.4257	10.3490	19.1754	8.6391	6.9278	14.5595	16.4329
Sr-85	9.7298	7.2247	8.7556	15.3770	7.5453	6.1714	11.9057	13.5307
Sr-85m	4.6381	3.8020	4.3855	6.4607	4.0811	3.2642	7.8491	5.6031
Sr-87m	3.8400	3.0427	3.7056	5.0423	3.3435	2.6101	5.3202	5.0596
Sr-89	0.0003	0.0002	0.0003	0.0003	0.0003	0.0002	0.0007	0.0004
Sr-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sr-91	2.1935	1.8749	2.3806	2.2943	2.1691	1.5898	5.6022	3.1703
Sr-92	2.4679	2.1982	2.6403	2.5632	2.4558	1.9058	6.8378	3.5582
Sr-93	8.5714	7.1399	8.9138	9.9712	8.1134	6.0996	18.1210	11.9145
Sr-94	2.4230	2.1548	2.5966	2.4681	2.4158	1.8671	6.7274	3.3715
Ta-170	8.0778	5.7782	8.9851	10.9430	6.3382	5.0543	12.7035	9.8138
Ta-172	14.8240	11.0362	16.5905	19.2350	12.1540	9.7379	25.5839	18.0958
Ta-173	16.6985	11.7681	19.3156	22.5641	12.9302	10.5515	25.4766	20.5960
Ta-174	13.8725	10.0623	15.5903	18.6500	11.0071	8.9221	22.3055	16.5210
Ta-175	17.9382	13.2928	20.7134	22.4400	14.7264	12.0716	29.1473	20.7665
Ta-176	15.5442	11.4789	17.7397	20.0708	12.6347	10.2057	27.1602	19.1906
Ta-177	9.0135	6.3750	10.7270	11.7462	7.0205	5.8256	13.5004	10.3054
Ta-178	9.5374	6.6860	11.2879	12.6678	7.3384	6.0518	14.2409	11.1172
Ta-178m	29.1718	22.0840	31.4436	35.4827	24.6282	19.7021	44.2634	32.9181
Ta-179	5.5299	3.6976	6.4471	8.0966	3.9761	3.2708	8.0366	7.0053
Ta-180	8.0064	5.5970	9.4863	10.6580	6.1410	5.0727	11.8462	9.3079
Ta-182	12.6302	9.4795	13.5045	15.9836	10.4133	8.9141	21.3630	15.7247
Ta-182m	19.1194	13.1915	20.9422	28.0817	14.2982	11.7257	27.7724	26.4680
Ta-183	17.9465	12.5302	19.4778	25.6319	13.5484	11.2351	26.2665	22.7401
Ta-184	17.1954	13.0590	17.8795	22.4746	14.4015	11.5591	28.9866	22.1736
Ta-185	9.9472	6.8206	10.6664	14.8518	7.3337	6.1220	14.3074	13.7420
Ta-186	13.8184	10.9882	14.1858	16.6401	12.3659	9.8943	25.2803	16.9274
Tb-146	6.8973	5.7374	7.6321	7.3691	6.5947	4.8709	15.7210	8.1240
Tb-147m	7.7394	5.9478	8.8479	8.6962	7.0838	4.8578	15.5699	8.5531
Tb-147	12.2349	9.5669	13.6288	13.5990	11.3841	8.0469	24.6025	14.6182
Tb-148m	17.6815	14.0327	19.3227	19.0663	16.7308	11.7685	36.3828	22.4340
Tb-148	8.2268	6.4959	9.2757	8.9571	7.7334	5.4099	17.3821	9.9954
Tb-149m	10.5252	8.0100	11.9939	11.7443	9.7051	6.5102	20.9643	12.4817
Tb-149	12.2339	9.3819	13.6183	13.7853	11.2485	7.6977	22.3327	14.4395

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Tb-150m	19.1947	15.0303	20.5965	20.6034	18.0871	12.6488	37.0574	23.6264
Tb-150	10.9886	8.4825	12.2401	12.0684	10.1970	7.0010	21.9148	12.5815
Tb-151	18.4263	14.0187	20.2784	20.8711	16.7909	11.5826	32.0614	19.6354
Tb-151m	7.3235	4.7112	8.4768	11.8528	5.0341	3.6412	10.8655	10.0312
Tb-152m	16.8309	12.7135	18.9538	19.7076	14.9679	10.4586	28.4180	18.8312
Tb-152	11.0883	8.5328	12.3165	12.2888	10.1702	7.0132	20.0536	12.1576
Tb-153	14.7345	10.8297	16.4722	17.4875	13.0071	8.8061	24.6821	15.2910
Tb-154	13.8968	10.6089	15.6983	15.7378	12.6538	8.8647	26.4268	15.0227
Tb-155	15.4310	11.3409	17.0534	17.8469	13.6746	9.2771	24.5602	15.5325
Tb-156	19.7038	15.0631	21.7391	22.6543	17.8587	12.5179	35.9776	22.0079
Tb-156m	5.4694	4.2693	7.8881	5.3054	5.0947	3.1912	9.8804	4.9120
Tb-156n	2.3311	1.3903	2.5191	4.1233	1.4547	1.0750	3.2577	3.4663
Tb-157	2.5240	1.5577	2.7684	4.1669	1.7062	1.2071	3.6843	3.5014
Tb-158	12.6465	9.2875	14.3398	15.2595	11.0589	7.5143	22.3911	14.1682
Tb-160	7.0927	5.6103	7.7969	8.3434	6.3894	4.6856	14.0756	8.8416
Tb-161	9.1299	6.5853	10.6467	11.5629	7.2786	5.5541	13.7471	9.4770
Tb-162	8.5967	6.9860	9.2169	10.2152	7.9074	5.8868	17.3435	10.4584
Tb-163	6.7727	5.4991	6.9411	7.2590	6.3586	4.8333	11.2662	8.3536
Tb-164	13.8897	11.1006	14.8885	16.0175	12.8128	9.4293	28.2031	18.2794
Tb-165	3.2666	2.5379	3.6148	4.1833	2.8195	2.1286	6.8397	4.6355
Tc-101	3.4146	2.9292	3.3858	3.5893	3.2739	2.5212	5.6418	3.7912
Tc-102m	6.8094	5.8076	7.0807	6.9618	6.6972	5.1620	14.7700	8.9656
Tc-102	0.3333	0.2810	0.3444	0.3423	0.3260	0.2546	0.6419	0.4392
Tc-104	6.6953	5.7275	6.9149	6.9193	6.5198	5.0043	13.3821	8.4661
Tc-105	8.1246	6.7615	9.2304	10.7754	7.4029	5.7281	13.3635	8.9957
Tc-91	2.7987	2.4103	3.1757	3.4341	2.6240	2.0429	6.1897	3.2613
Tc-91m	2.2397	1.8751	2.3972	2.5871	2.1181	1.6960	3.8688	2.7552
Tc-92	13.9727	11.7518	14.9739	16.8740	13.1066	10.0622	26.2152	17.7463
Tc-93	11.2418	9.1297	13.8536	18.8610	9.2258	7.1812	17.4791	12.0343
Tc-93m	6.2558	5.0924	7.5431	9.7013	5.3144	4.0978	9.2846	6.6709
Tc-94	17.5641	14.3390	20.9081	25.5623	15.4204	11.5297	32.7575	21.3002
Tc-94m	5.9936	4.9532	7.1892	8.6696	5.2887	4.0040	11.5140	7.2317
Tc-95	12.7352	10.1949	15.7657	21.3015	10.4486	7.9579	19.2724	13.8596
Tc-95m	14.1882	11.4749	17.0254	23.1609	11.8210	9.1315	21.3766	14.8650
Tc-96	18.1273	14.7858	21.8525	26.8753	15.7904	11.8442	33.3734	21.8748
Tc-96m	5.2384	4.1609	7.0900	9.7767	4.0793	3.1174	6.8970	4.8503
Tc-97	9.5263	7.5245	12.1332	17.6262	7.3706	5.7361	11.6172	9.3490
Tc-97m	7.2338	5.7619	9.8878	13.6357	5.6230	4.2969	9.3221	6.5023
Tc-98	5.6869	4.6893	5.9843	5.7884	5.6165	3.9382	14.1066	8.2312
Tc-99	0.0001	0.0001	0.0002	0.0002	0.0001	0.0001	0.0002	0.0001

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Tc-99m	4.3850	3.6467	4.6263	5.7430	4.0564	3.4309	6.6027	5.6178
Te-113	3.7295	3.1443	4.0967	3.9268	3.5389	2.7579	8.5656	4.6075
Te-114	16.9432	13.2769	18.6821	18.6263	14.6462	12.0985	27.2896	15.2629
Te-115	7.4506	6.1363	8.0888	7.9878	6.8636	5.4494	15.3900	8.3713
Te-115m	8.6364	7.0793	9.5100	9.1765	7.9291	6.2988	17.7457	9.6086
Te-116	16.8951	13.0676	18.5430	18.3481	14.3560	12.0372	24.5894	13.4344
Te-117	10.0811	8.0010	11.1858	10.8588	8.9032	7.2259	18.0409	9.7328
Te-118	9.4041	7.2251	10.5572	10.3754	7.8713	6.6955	13.7876	7.4322
Te-119	12.3391	9.6361	13.5357	13.3067	10.7691	8.7322	20.8748	11.5430
Te-119m	16.0658	12.9122	17.4698	17.8039	14.3499	11.6605	27.7200	17.6102
Te-121	12.6447	9.8878	13.8501	13.6193	11.0120	9.1113	19.9868	11.5225
Te-121m	9.8187	7.6937	10.6294	11.4380	8.5358	7.0135	16.1084	8.6383
Te-123	0.5366	0.2990	0.5614	1.0521	0.2915	0.2303	0.7072	0.8796
Te-123m	9.3994	7.2036	10.1721	11.0746	8.2596	6.4815	13.9622	11.4200
Te-125m	15.4400	11.5503	17.4574	17.3746	13.0873	10.8146	23.4052	12.3717
Te-127	0.0516	0.0417	0.0535	0.0548	0.0482	0.0380	0.0826	0.0586
Te-127m	5.0282	3.7186	5.6702	5.8812	4.1689	3.4618	7.5406	4.2554
Te-129	2.9261	2.1385	3.2216	3.6660	2.3635	1.9483	4.3812	2.9129
Te-129m	3.7577	2.8027	4.2286	4.3267	3.1507	2.6044	5.7536	3.1959
Te-131	5.4008	4.3573	5.5904	6.0460	5.0989	4.0116	8.8953	7.3773
Te-131m	9.0222	7.3423	9.7448	9.6800	8.4511	6.5186	18.1882	10.3751
Te-132	13.0216	10.1098	14.6661	14.5997	11.6415	9.2455	21.9052	10.8791
Te-133	5.0304	4.2757	5.1495	5.1012	4.8735	3.7175	9.9087	6.2622
Te-133m	9.3086	7.6465	10.0657	10.0091	8.7896	6.7396	19.2140	11.0955
Te-134	10.3183	8.2917	10.8164	11.1934	9.5936	7.5224	18.3109	10.7574
Th-223	8.9890	6.4649	8.6053	14.1359	6.7760	5.3972	10.7921	11.1873
Th-224	0.9716	0.7320	0.9587	1.4886	0.7829	0.6071	1.3174	1.3498
Th-226	1.5196	1.0784	1.5082	2.6153	1.0909	0.8829	1.8297	1.9797
Th-227	12.3076	8.7643	12.5178	20.7181	8.9451	7.0771	15.6618	16.0490
Th-228	1.7178	1.1870	1.7235	3.1147	1.1763	0.9491	1.9908	2.3423
Th-229	18.1048	12.6495	17.7990	30.6173	12.9501	10.3529	21.7482	23.7123
Th-230	5.4790	5.5629	5.6696	5.3907	5.3775	5.4708	5.8283	5.7133
Th-231	14.8306	10.5188	15.5581	25.6431	10.5029	8.5191	17.8624	18.5683
Th-232	1.9205	2.0123	1.9682	1.8535	1.8997	2.0037	2.1340	1.9212
Th-233	3.3041	2.2382	3.4444	5.6552	2.3004	1.8241	4.2683	4.4039
Th-234	2.3482	1.6937	2.4290	3.8350	1.7324	1.4504	2.8258	2.8364
Th-235	0.4399	0.3462	0.4449	0.5550	0.3894	0.2947	0.7558	0.5716
Th-236	1.7487	1.2871	1.7613	2.8032	1.3385	1.0669	2.2508	2.1472
Ti-44	10.4334	8.2328	10.3080	10.2100	9.3098	8.6259	13.2441	8.4971
Ti-45	0.1880	0.1061	0.1964	0.3656	0.1042	0.0817	0.2573	0.3110

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ti-51	3.0701	2.6278	2.9730	2.9549	2.9713	2.2485	5.0086	3.5756
Ti-52	7.5132	5.9761	7.7963	10.7555	6.3482	5.7279	10.7922	7.8305
Ti-190	6.8788	5.2247	6.8678	8.5754	5.8413	4.7722	10.6362	8.7946
Ti-190m	15.2906	11.9170	15.3987	18.1413	13.5488	10.6412	27.2962	19.9943
Ti-194	8.8515	6.5280	8.8102	11.5574	7.2118	6.0287	12.8950	11.1036
Ti-194m	23.1489	17.4822	23.1304	29.4485	19.5921	15.6007	38.7459	30.0383
Ti-195	15.8046	11.0554	15.8842	23.4324	11.7944	9.8966	23.2079	20.7942
Ti-196	12.6765	9.5498	12.7379	16.2300	10.5267	8.7706	19.9152	15.7888
Ti-197	12.2571	8.7258	12.2025	17.1101	9.4194	8.1503	16.6857	15.2382
Ti-198	14.0235	10.5509	14.1184	18.0917	11.5985	9.6668	22.3203	17.6264
Ti-198m	18.5379	13.5032	18.2832	25.5240	14.8108	12.0161	28.1630	24.2318
Ti-199	12.3528	8.7671	12.2685	17.5458	9.4048	8.1497	16.5201	15.1315
Ti-200	13.7963	10.3100	13.8257	17.9254	11.3120	9.4144	21.3767	17.4914
Ti-201	12.0643	8.2536	11.9820	18.0150	8.7591	7.6455	15.3564	15.3579
Ti-202	11.2673	8.1574	11.1924	15.2048	8.8997	7.6329	15.0989	13.8972
Ti-204	0.2088	0.1406	0.2076	0.3187	0.1480	0.1297	0.2632	0.2662
Ti-206m	18.3948	14.9425	18.3665	22.1857	16.7023	13.1617	34.1472	22.8408
Ti-206	0.0087	0.0061	0.0084	0.0127	0.0066	0.0056	0.0109	0.0106
Ti-207	0.0076	0.0064	0.0084	0.0082	0.0073	0.0055	0.0189	0.0109
Ti-208	6.6308	5.5441	6.9008	7.0263	6.3651	4.9266	14.1645	8.2267
Ti-209	10.7468	8.8493	10.4354	11.8047	9.9695	8.3597	18.3025	11.7795
Ti-210	11.8414	9.4561	12.1018	14.8699	10.4480	8.0314	23.4880	16.1279
Tm-161	26.1486	19.4703	32.3942	30.9549	22.4934	15.7853	44.2743	28.3388
Tm-162	10.7018	8.1456	12.8849	12.7069	9.3011	6.6245	19.8826	12.3380
Tm-163	19.5605	14.8094	24.0575	22.7093	17.0088	12.1471	34.3037	21.3869
Tm-164	6.4716	4.7394	8.1011	7.9290	5.4239	3.7785	11.0401	7.2185
Tm-165	15.9204	12.0111	19.5587	18.8869	13.7866	9.7365	27.4845	17.3636
Tm-166	16.2593	12.2646	19.5101	19.7520	13.9968	9.9941	30.2160	19.5692
Tm-167	12.2907	8.8880	15.2342	15.8312	10.0627	7.1147	20.3738	13.8234
Tm-168	17.8466	13.5042	20.9495	21.8272	15.4419	11.0802	32.2706	21.3908
Tm-170	0.7423	0.4940	0.8344	1.1103	0.5337	0.4097	1.0555	0.9452
Tm-171	0.1145	0.0802	0.1414	0.1515	0.0889	0.0686	0.1761	0.1329
Tm-172	3.3339	2.3880	3.6946	4.7027	2.5956	2.0093	5.7784	4.4317
Tm-173	3.9234	3.1089	4.1728	4.3832	3.5706	2.7363	6.1743	4.9913
Tm-174	16.9233	13.4001	18.0431	20.7938	14.9793	11.4528	29.8136	21.9703
Tm-175	6.5945	5.2736	7.3043	7.3577	6.0508	4.6262	12.4076	8.4538
Tm-176	12.5146	9.7716	13.6670	15.5385	10.8973	8.3481	23.0191	15.9031
U-227	8.5657	6.3302	8.4603	13.6172	6.5800	5.2045	10.9442	10.4126
U-228	1.8798	1.3392	1.9505	3.3622	1.3336	1.0654	2.2032	2.4235
U-230	2.1827	1.5389	2.2773	3.9940	1.5168	1.2216	2.5319	2.8749

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
U-231	23.9166	17.1994	24.4509	40.1152	17.4423	13.9987	28.6444	29.2978
U-232	2.0800	1.4611	2.1687	3.8290	1.4367	1.1554	2.4085	2.7565
U-233	1.0717	0.7428	1.1057	1.9760	0.7317	0.5866	1.2490	1.4469
U-234	1.8977	1.3318	1.9770	3.4979	1.3091	1.0513	2.1962	2.5198
U-235	6.5037	6.6697	6.5811	6.5226	6.3349	6.4771	6.4331	6.8753
U-235m	3.4225	3.5169	3.5625	3.3784	3.3722	3.4929	3.5336	3.3980
U-236	1.7209	1.2069	1.7909	3.1750	1.1860	0.9520	1.9902	2.2886
U-237	17.4810	12.9681	18.8577	27.3909	13.4726	10.9492	22.6652	19.8615
U-238	2.4419	2.5079	2.4361	2.3829	2.4106	2.4905	2.6480	2.6125
U-239	5.2654	4.0243	5.4921	7.0785	4.3567	3.6609	6.6437	5.1572
U-240	5.4658	3.8674	5.9748	9.9557	3.8323	3.0329	6.6243	6.9113
U-242	1.4802	1.1654	1.6447	1.7691	1.2821	1.1163	2.1108	1.4865
V-47	0.0676	0.0427	0.0704	0.1196	0.0435	0.0341	0.1043	0.1071
V-48	5.9021	4.9814	6.4771	6.9136	5.5346	4.2278	15.3359	9.0177
V-49	1.4826	0.8163	1.5478	2.9471	0.7917	0.6231	1.9472	2.4700
V-50	3.5212	2.7068	3.7498	4.7499	2.9318	2.2799	7.6072	4.8372
V-52	2.2985	2.0601	2.4651	2.3393	2.2938	1.7899	6.4508	3.1644
V-53	2.5973	2.2941	2.8998	2.7830	2.5752	1.9567	6.8784	3.7856
W-177	24.8928	17.9936	27.5300	32.7853	19.7776	16.6282	38.1388	30.0720
W-178	4.6733	2.9528	5.1890	7.6209	3.0778	2.5668	6.4891	6.5046
W-179	12.6783	8.5239	14.4908	18.1011	9.3442	7.8168	18.4598	15.1889
W-179m	6.7828	4.6621	7.6017	9.5758	5.0040	4.4014	9.7263	8.2602
W-181	7.4443	5.0934	8.6237	10.3791	5.5083	4.7157	10.7430	9.0128
W-185m	8.8926	5.2467	9.3139	16.3653	5.2577	4.3136	11.8544	13.8956
W-185	0.0052	0.0037	0.0056	0.0069	0.0040	0.0038	0.0074	0.0059
W-187	5.5472	4.2181	5.8604	6.5267	4.7591	4.0713	9.1239	6.6883
W-188	0.0608	0.0444	0.0632	0.0841	0.0475	0.0410	0.0923	0.0739
W-190	13.6485	9.6007	14.8619	18.6356	10.4604	9.2809	18.9386	17.8286
Xe-120	20.0578	15.2680	22.3226	22.1745	17.3894	14.2774	31.2183	17.1478
Xe-121	9.7471	7.5823	10.6993	10.7405	8.7525	7.0731	16.5943	8.9274
Xe-122	10.1005	7.4938	11.4382	11.3432	8.7342	7.0944	15.7022	8.2496
Xe-123	12.2103	9.3192	13.4699	13.7983	10.8533	8.7141	19.5346	12.1018
Xe-125	16.3975	12.5100	18.3041	18.5576	14.4729	11.6549	26.6580	14.2394
Xe-127	14.8013	11.3606	16.2636	16.8865	13.1259	10.5420	24.0680	13.4011
Xe-127m	10.5865	8.1421	11.3100	11.9703	9.5731	8.0045	17.0550	10.0003
Xe-129m	16.0843	11.6180	18.3449	18.3642	14.0223	11.0295	25.7373	12.9751
Xe-131m	6.8718	4.9324	7.8451	8.0214	5.9106	4.6888	10.8895	5.7411
Xe-133	7.6030	5.5643	8.2776	8.3641	6.8053	5.3384	11.6484	5.9601
Xe-133m	7.1623	5.2052	8.1393	8.2903	6.2192	4.9413	11.5272	5.8758
Xe-135	3.6031	3.1167	3.5719	4.2906	3.4536	2.7453	7.1743	3.4558

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Xe-135m	3.9450	3.1068	4.2009	4.1593	3.6897	2.9263	6.6897	4.2737
Xe-137	1.0312	0.8592	1.0430	1.0544	0.9998	0.7908	1.7335	1.3151
Xe-138	4.7461	3.7774	4.8795	6.0147	4.1876	3.2965	8.8536	5.9002
Y-81	9.4032	7.2589	8.7595	13.6401	7.7019	6.5570	11.8152	10.9125
Y-83	8.6541	6.4461	8.6142	13.1762	6.9769	5.4509	11.8533	10.4708
Y-83m	5.4217	4.3583	5.3127	8.0022	4.5730	3.6841	7.7935	6.4305
Y-84m	9.2434	7.8563	10.0888	10.1926	8.9550	6.6717	22.8030	13.3583
Y-85	4.7289	3.6761	4.6071	6.8669	3.9320	3.1926	6.4244	6.2114
Y-85m	5.3805	4.2090	5.2430	8.2164	4.3938	3.5157	8.2349	6.9785
Y-86	13.8036	11.1642	14.0064	18.4236	12.1691	9.4045	26.4851	19.0344
Y-86m	3.9197	3.2958	3.8493	5.1374	3.5848	2.8497	7.2347	4.1623
Y-87	10.6257	8.0272	10.1384	16.9534	8.3127	6.7888	12.6686	14.0040
Y-87m	4.1222	3.2861	4.0833	5.5742	3.5656	2.7895	5.5893	5.2246
Y-88	12.5980	9.8962	12.5600	19.0423	10.3143	8.2287	20.3998	16.6297
Y-89m	2.6899	2.3141	3.0272	2.8955	2.6439	1.9581	6.9276	3.9236
Y-90	0.0011	0.0009	0.0012	0.0020	0.0009	0.0007	0.0012	0.0013
Y-90m	6.9407	5.8219	6.8863	8.3984	6.4886	5.1940	11.8690	7.8826
Y-91	0.0063	0.0056	0.0069	0.0067	0.0063	0.0048	0.0187	0.0103
Y-91m	3.1658	2.5911	3.1754	3.4844	3.0119	2.3179	5.7699	4.1542
Y-92	0.6979	0.6029	0.7611	0.7309	0.6888	0.5217	1.7174	0.9881
Y-93	0.3927	0.3462	0.3961	0.4447	0.3810	0.2981	0.8391	0.4446
Y-94	2.0455	1.7701	2.2679	2.1501	2.0226	1.5144	5.2161	2.9313
Y-95	1.3970	1.2422	1.5338	1.4396	1.3891	1.0842	3.6266	1.7898
Yb-162	12.9020	9.5691	15.5505	15.9649	10.9060	7.9862	20.8584	15.4947
Yb-163	10.6667	7.6332	13.0949	14.0479	8.5132	6.2869	17.7041	12.8907
Yb-164	7.7131	5.5849	10.1161	9.4343	6.3621	4.4614	12.6655	8.4276
Yb-165	19.7905	13.8187	23.9244	26.8645	15.3446	11.2936	30.5623	23.5104
Yb-166	14.1273	10.2578	18.2707	17.2166	11.6627	8.2612	22.8087	15.2518
Yb-167	26.0108	18.8433	31.6137	33.0578	21.2216	15.6165	41.0378	29.5346
Yb-169	27.7084	20.5315	34.2953	33.4089	23.1891	17.6208	44.5985	30.1434
Yb-175	0.7731	0.5997	0.8520	0.9011	0.6765	0.5347	1.2228	0.8853
Yb-177	2.7286	2.1153	3.0863	3.2787	2.4033	1.8998	4.6275	3.6678
Yb-178	0.5013	0.3805	0.5220	0.6162	0.4304	0.3263	0.7682	0.6451
Yb-179	6.7447	5.3751	7.0937	7.2666	6.2978	4.7150	12.9930	8.8469
Zn-60	4.5062	3.5990	4.8105	4.7055	4.1401	3.4042	8.5607	5.3610
Zn-61	1.2244	1.0346	1.2805	1.3198	1.1710	0.9231	2.5908	1.5810
Zn-62	9.5233	6.1814	9.9364	14.9114	6.8862	5.0149	14.6265	13.2831
Zn-63	0.8213	0.5865	0.8677	1.1989	0.6449	0.4802	1.6273	1.2628
Zn-65	6.2818	3.8838	6.6375	11.3186	3.9370	3.0674	10.1358	10.3124
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0001

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Zn-69m	3.0810	2.4754	3.0801	3.4566	2.8470	2.2358	4.8200	4.1170
Zn-71	1.5344	1.2934	1.5686	1.5582	1.5018	1.1997	2.8794	1.9754
Zn-71m	8.7879	7.3011	8.7750	8.9530	8.5590	6.5504	16.2577	11.6551
Zn-72	11.6745	7.7861	11.9289	19.6246	8.1914	6.5649	16.0124	17.9173
Zr-85	3.2880	2.6984	3.3220	3.9614	3.0195	2.3770	5.3655	4.2562
Zr-86	21.8309	16.8887	22.2035	35.0152	17.3396	14.0729	27.9000	24.9503
Zr-87	1.7740	1.3576	1.8040	3.0161	1.3627	1.1010	2.2106	2.2456
Zr-88	11.8000	9.0938	11.8259	18.8089	9.3887	7.5087	14.1192	14.8336
Zr-89	9.5005	7.4410	9.8955	14.9470	7.7106	6.0859	14.2701	12.3473
Zr-89m	3.5181	2.8532	3.5540	4.1321	3.2803	2.4593	6.7356	4.6532
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	2.7369	2.2757	2.9760	2.8057	2.7036	1.9143	6.9456	4.0188
Zr-97	3.4203	2.8523	3.7057	3.6627	3.3336	2.4134	8.1983	4.8634

Table 24: Wood 5 cm Contamination Thickness for 400x400x40 ft room

Nuclide	avg400	ctr400	mid400	cnr400
Ac-223	1.1242	1.2809	3.1873	3.6386
Ac-224	9.2792	8.8138	21.8799	17.9161
Ac-225	1.7342	1.9627	4.6511	5.5570
Ac-226	3.9913	3.7685	8.3668	8.0343
Ac-227	0.4071	0.5126	1.2852	1.6826
Ac-228	5.8955	5.4552	12.1586	13.2114
Ac-230	2.6226	2.4810	5.8829	6.3028
Ac-231	7.8556	7.1420	16.3151	12.4975
Ac-232	3.8549	3.5279	8.8265	8.8252
Ac-233	2.8531	1.9493	5.6511	4.7135
Ag-100m	4.8985	3.3469	10.6941	6.4613
Ag-101	5.8631	4.8486	9.6988	8.3195
Ag-102m	3.6387	2.7760	6.7755	5.0988
Ag-102	8.3561	6.0069	16.0501	11.5657
Ag-103	8.9601	7.7201	13.7843	13.0866
Ag-104	13.0140	10.1397	22.2806	19.8245
Ag-104m	5.4654	4.2769	9.8182	8.1937
Ag-105	10.8652	10.2144	16.2422	16.3350
Ag-105m	0.1262	0.1644	0.4626	0.5544
Ag-106	2.9158	2.7271	4.4005	5.0098
Ag-106m	15.8114	12.5305	26.8023	23.0476
Ag-108	0.2221	0.1981	0.4001	0.3625
Ag-108m	13.1149	10.7170	23.9263	18.8984
Ag-109m	3.1367	3.0803	4.8072	5.7987
Ag-110	0.1393	0.0924	0.3420	0.1967
Ag-110m	8.3083	5.3353	17.1377	11.4136
Ag-111	0.2551	0.2225	0.3653	0.2503
Ag-111m	1.7306	1.7152	2.7271	3.3994
Ag-112	1.8704	1.2087	4.5999	2.4157
Ag-113m	2.2330	1.9537	3.5394	3.0168
Ag-113	0.5517	0.4583	0.8105	0.6292
Ag-114	0.7983	0.5002	1.6636	1.0365
Ag-115	1.9501	1.4646	3.5457	2.2519
Ag-116	4.6235	3.0017	8.5422	5.9250
Ag-117	3.9755	3.0100	5.9059	4.3339
Ag-99	5.8782	4.5702	9.5973	7.7666
Al-26	2.1723	1.6996	3.9440	2.0251
Al-28	2.1160	1.6990	3.8138	1.8639
Al-29	2.3401	1.5439	6.4824	3.6715

Nuclide	avg400	ctr400	mid400	cnr400
Am-237	10.9033	10.1128	25.0076	20.9506
Am-238	10.1095	9.0560	23.3275	20.0803
Am-239	14.2489	13.6002	35.2682	30.0277
Am-240	11.6255	10.8170	25.5635	25.4881
Am-241	5.9774	6.3085	6.2480	7.2014
Am-242	2.9090	3.0545	6.6942	7.3520
Am-242m	2.2328	2.5267	5.0865	6.6373
Am-243	4.9301	5.1014	7.8093	7.3855
Am-244	11.9731	11.6371	24.4008	27.6426
Am-244m	1.2056	1.3126	2.5750	3.2570
Am-245	1.4829	1.3814	3.2015	2.9241
Am-246	16.8353	16.4763	35.5718	37.9992
Am-246m	5.0983	4.4015	9.8423	10.4597
Am-247	5.0509	4.6144	10.8725	9.2734
Ar-37	0.1247	0.1747	0.5359	0.6477
Ar-39	0.0000	0.0000	0.0000	0.0000
Ar-41	2.3082	1.5586	6.4672	3.6057
Ar-42	0.0000	0.0000	0.0000	0.0000
Ar-43	2.9068	1.9559	5.3134	3.8148
Ar-44	4.6984	3.5935	8.6658	4.5874
As-68	5.7718	3.8338	11.1266	7.8283
As-69	1.1919	1.0548	2.5844	2.1275
As-70	7.7079	5.2709	15.1184	11.2307
As-71	4.9711	4.7866	12.5539	12.3314
As-72	2.7978	1.9649	5.5622	5.0497
As-73	5.1222	6.6644	19.8788	23.6613
As-74	2.7591	2.2829	8.2662	6.6215
As-76	1.6091	0.9853	3.4801	2.1489
As-77	0.0956	0.0748	0.1623	0.1204
As-78	3.4778	2.2381	8.1875	4.6600
As-79	0.1687	0.1275	0.2610	0.1741
At-204	13.6485	10.9564	27.4384	20.8171
At-205	8.2459	7.7589	17.4479	14.8392
At-206	14.1063	11.6444	27.4774	20.8170
At-207	11.8653	10.6724	24.3719	20.3559
At-208	17.0993	14.2294	36.9406	28.5168
At-209	16.7128	14.4818	34.2532	29.1567
At-210	13.5482	12.4678	28.8591	24.2636
At-211	2.6656	2.9629	5.8589	5.7165
At-215	0.0016	0.0015	0.0027	0.0017

Nuclide	avg400	ctr400	mid400	cnr400
At-216	0.1266	0.1331	0.2590	0.2308
At-217	0.0041	0.0038	0.0073	0.0065
At-218	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000
At-220	4.9163	4.1473	8.6390	6.6375
Au-186	8.5676	7.5828	16.8467	12.2722
Au-187	8.3061	8.2530	17.1520	15.2786
Au-190	9.9964	9.1968	17.4670	14.1559
Au-191	10.4248	10.2242	19.9229	17.4407
Au-192	9.5504	9.0082	16.7551	13.7395
Au-193	7.7727	8.0893	14.7933	13.3664
Au-193m	4.6969	4.8366	10.1799	10.9540
Au-194	8.3303	8.1396	14.7916	12.4281
Au-195	7.3842	8.1084	16.4240	15.6929
Au-195m	4.7641	4.9271	10.2652	11.0692
Au-196	8.0332	8.0380	13.6350	11.2201
Au-196m	11.4553	12.0718	25.7686	26.5643
Au-198	2.9029	2.4717	4.6012	2.3538
Au-198m	15.4157	14.3260	36.8633	24.5575
Au-199	3.1109	2.9052	5.4310	5.4729
Au-200	1.0054	0.8173	1.9732	1.1701
Au-200m	14.6971	11.3281	26.0554	19.3905
Au-201	0.4768	0.4816	1.2050	1.2493
Au-202	0.6354	0.4652	1.1260	0.7674
Ba-124	8.6079	7.6605	12.8147	15.3715
Ba-126	9.5156	8.3286	14.4903	16.8032
Ba-127	5.3434	4.8059	8.0967	9.5462
Ba-128	6.8359	6.3907	9.5929	13.3152
Ba-129	6.4520	5.8993	9.6267	12.2386
Ba-129m	14.3588	12.0908	23.9234	23.5395
Ba-131	12.1185	10.3975	17.7879	20.4142
Ba-131m	6.3326	5.4665	12.1048	10.2260
Ba-133	14.7067	13.7612	20.8876	24.3044
Ba-133m	5.4486	5.2416	8.6610	11.5801
Ba-135m	4.9925	4.6523	7.0481	9.6106
Ba-137m	2.9682	2.0127	6.9729	4.4203
Ba-139	1.2110	0.9683	1.5436	1.5740
Ba-140	3.0152	2.7647	5.8040	6.6184
Ba-141	6.0966	4.7752	10.7375	7.2905
Ba-142	6.1568	4.9206	9.5448	8.7141

Nuclide	avg400	ctr400	mid400	cnr400
Be-10	0.0000	0.0000	0.0000	0.0000
Be-7	0.2847	0.1890	0.4213	0.3196
Bi-197	8.9797	8.3822	18.2624	16.3571
Bi-200	16.5078	14.3803	28.5190	24.0245
Bi-201	9.0950	8.5406	17.9815	15.9163
Bi-202	14.8447	12.6132	27.7086	22.2761
Bi-203	10.6512	9.6984	20.6432	17.7013
Bi-204	15.0416	13.0823	27.1178	23.5941
Bi-205	8.4714	7.9912	17.3624	15.1391
Bi-206	17.5266	14.8137	32.1612	27.5271
Bi-207	9.4540	8.3117	19.2114	16.4785
Bi-208	5.3033	5.0984	11.3851	10.3876
Bi-210	0.0000	0.0000	0.0000	0.0000
Bi-210m	3.3387	3.0023	5.1921	4.4743
Bi-211	0.5306	0.5051	0.8457	0.6198
Bi-212n	0.0000	0.0000	0.0000	0.0000
Bi-212	0.7633	0.7792	2.0511	2.2873
Bi-213	1.0274	0.8724	1.7254	1.2309
Bi-214	3.3390	2.2918	7.4115	4.3730
Bi-215	2.6229	2.4424	4.6079	3.9711
Bi-216	4.2283	2.9827	7.8356	5.1214
Bk-245	11.7051	10.7023	25.8880	22.0374
Bk-246	11.8435	10.9979	25.3047	25.4203
Bk-247	5.0897	4.6935	10.1549	7.2151
Bk-248m	3.1072	3.0174	6.8167	6.7806
Bk-249	0.0000	0.0000	0.0000	0.0000
Bk-250	4.2453	3.6058	7.1344	8.5222
Bk-251	6.7783	6.4513	14.2421	14.4759
Br-72	5.0156	3.5447	9.2987	7.4075
Br-73	4.1571	3.6337	6.6253	5.2353
Br-74	5.4213	3.7771	12.7166	7.6874
Br-74m	6.8976	4.6442	16.8362	10.0513
Br-75	4.4307	3.9130	7.6634	7.1145
Br-76	5.5803	4.3165	13.2123	10.7489
Br-76m	6.8498	6.5689	14.3261	17.4748
Br-77	4.4734	4.6414	11.9768	13.6715
Br-77m	2.3082	2.7022	7.3521	8.6422
Br-78	0.5346	0.4520	1.5768	1.3178
Br-80	0.3568	0.3191	1.0814	0.9668
Br-80m	6.2249	6.8563	13.9817	19.4957

Nuclide	avg400	ctr400	mid400	cnr400
Br-82m	1.8616	2.4486	6.1010	8.6920
Br-82	8.4990	5.3508	17.5373	11.6475
Br-83	0.0352	0.0216	0.0632	0.0474
Br-84m	7.6626	5.7084	13.2042	8.4495
Br-84	2.6058	1.7215	4.3770	3.3667
Br-85	0.1854	0.1194	0.2977	0.2544
C-10	2.6137	1.5887	5.7335	3.6308
C-11	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000
Ca-41	0.2226	0.3119	0.9570	1.1565
Ca-45	0.0000	0.0000	0.0000	0.0000
Ca-47	2.0828	1.3919	5.3835	3.1503
Ca-49	2.0149	1.3689	3.6935	2.2702
Cd-101	8.8005	7.2868	17.5663	11.7362
Cd-102	9.5361	8.2468	14.7487	14.9046
Cd-103	8.7568	7.7828	14.0717	14.1944
Cd-104	11.2547	10.7261	17.4051	18.0412
Cd-105	6.6673	6.0264	10.6134	11.0476
Cd-107	9.5407	9.3282	14.2543	17.5982
Cd-109	8.9577	8.7847	13.3136	16.6170
Cd-111m	7.3906	6.3399	10.3071	10.9796
Cd-113	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0052	0.0050	0.0076	0.0096
Cd-115	1.3745	0.9616	2.1784	1.9451
Cd-115m	0.0844	0.0548	0.1493	0.1229
Cd-117	4.0322	3.2308	6.9548	4.9433
Cd-117m	3.9127	2.6231	7.4725	5.0995
Cd-118	0.0000	0.0000	0.0000	0.0000
Cd-119	4.4919	3.5319	7.2021	5.0907
Cd-119m	4.8087	3.3509	9.2688	6.1949
Ce-130	11.8855	10.1305	16.8107	18.9166
Ce-131	10.3877	8.7694	16.5891	16.2790
Ce-132	10.5597	9.1004	15.8155	16.4848
Ce-133	12.5913	11.2599	20.1169	20.0412
Ce-133m	15.6726	12.9014	23.2262	23.3699
Ce-134	6.1877	5.7165	8.4090	11.5303
Ce-135	11.7325	9.8835	17.7628	18.7126
Ce-137	6.6948	6.3450	10.1257	13.6049
Ce-137m	4.9121	4.4164	6.5136	8.3909
Ce-139	9.4167	8.2262	12.5415	15.4414

Nuclide	avg400	ctr400	mid400	cnr400
Ce-141	3.0223	2.3286	3.3842	3.6454
Ce-143	7.4168	6.2875	9.6730	10.1947
Ce-144	1.1460	0.9197	1.3977	1.4571
Ce-145	10.8773	8.9634	15.6026	15.5989
Cf-244	0.8467	0.9437	1.8199	2.3721
Cf-246	0.5819	0.6477	1.2482	1.6234
Cf-247	10.5542	10.5787	23.1751	24.6245
Cf-248	0.6965	0.7746	1.4924	1.9381
Cf-249	4.6640	4.4829	8.5241	7.5013
Cf-250	0.5620	0.6137	1.1934	1.5174
Cf-251	7.2607	6.8768	15.8714	14.7313
Cf-252	1.9177	1.5995	3.5995	3.1297
Cf-253	1.9465	2.1214	4.1234	5.3349
Cf-254	50.9924	37.0984	90.4326	60.4350
Cf-255	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0001	0.0001	0.0003	0.0004
Cl-34m	2.8732	1.9417	4.2864	3.0600
Cl-36	0.0018	0.0025	0.0076	0.0092
Cl-38	1.5613	1.1886	2.8158	1.4615
Cl-39	3.6668	2.7587	7.5005	4.6829
Cl-40	4.2750	3.1334	8.7886	4.8431
Cm-238	5.8846	5.4216	14.2169	11.4054
Cm-239	10.4616	9.1965	23.7824	18.0862
Cm-240	0.9052	1.0271	2.0451	2.7324
Cm-241	13.3183	12.6004	29.7026	28.4849
Cm-242	0.8126	0.9221	1.8362	2.4539
Cm-243	7.0315	6.8867	17.1682	15.7453
Cm-244	0.6973	0.7915	1.5764	2.1074
Cm-245	7.6592	7.2555	18.8632	15.9916
Cm-246	0.5672	0.6391	1.2762	1.6926
Cm-247	2.5358	2.1934	4.1949	2.1343
Cm-248	4.4977	3.4849	8.2322	6.2939
Cm-249	0.5092	0.6236	1.9101	2.1378
Cm-250	40.3095	29.3701	71.4888	47.8162
Cm-251	1.3200	1.1188	2.6735	2.3675
Co-54m	7.4001	5.5810	14.6711	8.5604
Co-55	3.5045	2.4841	6.3414	5.5521
Co-56	6.7513	4.9148	14.8785	12.2276
Co-57	5.5539	4.9712	13.2541	12.6714
Co-58	3.3835	2.6630	7.5649	7.6820

Nuclide	avg400	ctr400	mid400	cnr400
Co-58m	0.8949	1.2521	3.8363	4.6370
Co-60	4.7095	3.1825	11.7813	7.1818
Co-60m	1.0934	1.4595	4.3480	5.1579
Co-61	4.1427	4.0700	5.1764	3.3080
Co-62	2.7163	1.7668	6.0291	4.0793
Co-62m	4.8359	3.1697	10.7303	7.2323
Cr-48	7.1183	5.6647	14.5902	7.7769
Cr-49	4.0677	3.4041	7.2204	3.1014
Cr-51	0.7920	0.9645	2.5492	2.9021
Cr-55	0.0010	0.0008	0.0019	0.0009
Cr-56	8.2611	8.0579	13.5114	12.3557
Cs-121	3.3119	2.7314	4.9393	4.7816
Cs-121m	6.0797	5.0169	10.1834	8.8255
Cs-123	6.4509	5.5363	11.3679	10.2671
Cs-124	1.5806	1.3696	2.3148	2.1307
Cs-125	5.9509	5.1273	9.1506	10.4078
Cs-126	2.9082	2.5301	4.3045	3.9451
Cs-127	9.4485	8.4552	13.6173	15.6845
Cs-128	2.9459	2.5880	4.2753	4.9858
Cs-129	10.9669	10.1184	15.4860	19.6231
Cs-130m	9.7196	9.1385	14.1804	17.4220
Cs-130	3.7074	3.4438	5.2528	7.3260
Cs-131	6.3244	5.9557	8.8618	12.7054
Cs-132	9.0200	7.6037	15.6477	16.3495
Cs-134	5.9103	3.6215	12.4423	8.1341
Cs-134m	3.5139	3.3687	6.1206	7.9280
Cs-135	0.0000	0.0000	0.0000	0.0000
Cs-135m	5.3813	3.3808	8.8119	7.8690
Cs-136	8.6997	6.3514	13.7118	11.8035
Cs-137	2.1698	2.2740	2.2973	2.4433
Cs-138m	5.3072	4.7180	8.6409	9.3402
Cs-138	4.8671	3.5191	9.0024	5.8615
Cs-139	0.4722	0.3238	1.0970	0.6260
Cs-140	3.2667	2.1369	7.0193	4.1427
Cu-57	0.2492	0.1615	0.4840	0.3817
Cu-59	1.2866	0.9362	2.4892	1.7128
Cu-60	4.6672	3.3597	10.2728	6.3587
Cu-61	1.5739	1.5149	4.0029	3.7163
Cu-62	0.0411	0.0468	0.1446	0.1609
Cu-64	0.5447	0.7558	2.3235	2.7887

Nuclide	avg400	ctr400	mid400	cnr400
Cu-66	0.2368	0.1527	0.3529	0.3533
Cu-67	2.8120	2.3173	6.6699	3.4480
Cu-69	1.4695	0.9428	2.4314	2.0665
Dy-148	8.1250	5.5018	14.3634	9.6521
Dy-149	12.4708	8.7119	20.1237	13.9743
Dy-150	5.4470	4.1586	7.6551	5.2322
Dy-151	10.9125	7.9393	17.5765	13.7783
Dy-152	8.4960	6.2924	11.3165	9.6534
Dy-153	16.8472	12.2207	24.8939	18.5660
Dy-154	0.0000	0.0000	0.0000	0.0000
Dy-155	10.4002	7.4952	15.9720	11.7537
Dy-157	8.8471	6.7793	11.8287	9.4100
Dy-159	6.9113	4.9243	9.2308	7.7517
Dy-165m	1.3079	1.2197	3.2851	3.2324
Dy-165	0.9051	0.6288	1.5456	0.9298
Dy-166	4.6184	3.5022	7.5318	5.9900
Dy-167	5.5870	4.0061	8.9632	6.5866
Dy-168	5.9996	4.2397	10.4130	7.0091
Er-154	8.4694	6.6611	13.0126	13.1435
Er-156	9.4410	7.7901	16.6422	16.7206
Er-159	9.2348	6.2422	16.4841	10.9002
Er-161	10.0223	6.8343	16.3834	12.4743
Er-163	5.4767	3.6792	7.9743	6.0703
Er-165	5.2883	3.5680	7.7597	5.9485
Er-167m	2.8325	2.1416	6.1829	3.9170
Er-169	0.0259	0.0361	0.1106	0.1334
Er-171	7.3481	5.5119	11.8910	8.0029
Er-172	7.3222	5.1087	12.6565	7.8766
Er-173	10.7075	7.3360	20.5296	12.0581
Es-249	9.8515	8.9758	19.5433	17.7958
Es-250	32.8454	31.7365	65.6802	70.7053
Es-250m	8.9234	8.0724	17.9536	17.4422
Es-251	9.1870	9.0168	19.7588	21.0053
Es-253	0.2238	0.2478	0.4889	0.6288
Es-254	7.5725	8.5782	17.6357	22.8436
Es-254m	4.9873	4.4549	10.7450	10.4255
Es-255	0.0021	0.0015	0.0037	0.0025
Es-256	1.2735	1.3577	2.4964	3.2510
Eu-142	0.9284	0.6816	1.4352	1.1469
Eu-142m	9.8496	6.6227	17.8078	14.9042

Nuclide	avg400	ctr400	mid400	cnr400
Eu-143	2.3265	1.8210	3.2298	2.7434
Eu-144	1.0183	0.8249	1.3395	1.1440
Eu-145	8.8166	6.6818	11.9615	10.8795
Eu-146	12.5981	8.9705	22.2485	16.0656
Eu-147	10.3502	7.9742	14.3959	12.0645
Eu-148	14.4384	10.2481	25.1330	17.9520
Eu-149	6.5457	5.4990	8.5497	9.0672
Eu-150	14.0077	10.9261	20.4503	15.7682
Eu-150m	0.8463	0.6916	1.0590	0.9499
Eu-152	10.0660	7.6890	14.1582	11.8852
Eu-152m	3.0340	2.2820	3.9349	3.7109
Eu-152n	5.3965	4.9236	11.8480	7.7158
Eu-154	6.5715	4.4406	11.1968	8.1321
Eu-154m	7.2090	6.7036	13.8976	11.9968
Eu-155	4.0665	3.2557	7.6796	3.9310
Eu-156	3.6976	2.6189	7.2044	4.9799
Eu-157	7.8223	6.3185	11.4127	9.2495
Eu-158	5.2099	3.8002	8.4935	7.3924
Eu-159	9.6524	7.4450	13.6017	10.5489
F-17	0.0009	0.0005	0.0013	0.0013
F-18	0.0000	0.0000	0.0000	0.0000
Fe-52	3.6844	2.9440	5.9319	5.1559
Fe-53	1.2475	1.1021	1.9375	1.0120
Fe-53m	7.0926	4.6025	14.8946	10.0793
Fe-55	0.7397	1.0363	3.1796	3.8424
Fe-59	2.5398	1.6816	5.6915	3.8502
Fe-60	0.0000	0.0000	0.0000	0.0000
Fe-61	3.5359	2.4775	6.4278	4.7021
Fe-62	2.6916	1.6155	4.0580	3.4316
Fm-251	7.7348	7.2645	16.0472	16.2528
Fm-252	0.6404	0.6961	1.3062	1.6889
Fm-253	8.4758	8.6301	17.6763	20.5034
Fm-254	0.6673	0.7178	1.3554	1.7297
Fm-255	6.5224	7.2549	14.3691	18.7286
Fm-256	38.0539	27.7302	67.6491	45.6525
Fm-257	8.9400	8.6484	18.3398	19.0999
Fr-212	8.9572	8.4091	21.1192	18.2200
Fr-219	0.0396	0.0355	0.0683	0.0537
Fr-220	0.9369	1.0502	2.3445	2.6749
Fr-221	0.6267	0.5637	1.4156	0.9978

Nuclide	avg400	ctr400	mid400	cnr400
Fr-222	4.7469	4.5140	12.1086	10.4943
Fr-223	5.1970	4.4053	9.8521	9.7222
Fr-224	4.2971	3.7129	9.2859	7.7771
Fr-227	7.9205	7.1939	17.7635	12.2835
Ga-64	3.4361	2.3335	5.9334	4.6654
Ga-65	4.5320	3.6784	10.1737	7.0856
Ga-66	2.9046	2.4584	6.8148	6.6290
Ga-67	5.3054	5.5615	16.2505	13.6988
Ga-68	0.2693	0.3107	0.9330	1.0723
Ga-70	0.0333	0.0279	0.0716	0.0721
Ga-72	5.4824	3.5136	10.1260	7.3036
Ga-73	5.9566	6.2309	14.9796	15.9414
Ga-74	5.9931	3.8629	12.9524	7.5508
Gd-142	4.7792	3.5944	7.0227	5.5872
Gd-143m	11.4471	8.6538	16.4740	13.5042
Gd-144	4.0152	3.0771	5.3538	4.6531
Gd-145m	4.0235	3.0923	8.4957	7.1609
Gd-145	6.5732	4.9938	9.3315	7.3810
Gd-146	18.3881	13.7102	24.6608	19.3418
Gd-147	13.6934	10.3642	20.2910	15.6746
Gd-148	0.0000	0.0000	0.0000	0.0000
Gd-149	12.0793	9.2616	14.9276	13.5339
Gd-150	0.0000	0.0000	0.0000	0.0000
Gd-151	7.2379	5.8908	10.0087	10.0377
Gd-152	0.0000	0.0000	0.0000	0.0000
Gd-153	11.1545	8.5456	17.0503	11.7055
Gd-159	1.8176	1.3535	2.4466	1.8642
Gd-162	3.3985	2.8664	5.5384	3.7586
Ge-66	7.8511	7.2451	17.0534	15.7045
Ge-67	3.7151	2.8184	5.5522	4.6244
Ge-68	1.8194	2.5474	7.7984	9.4410
Ge-69	3.2522	3.1751	9.6307	10.0127
Ge-71	1.8453	2.5837	7.9095	9.5755
Ge-75	0.4046	0.3254	0.5946	0.4568
Ge-77	6.7009	5.0538	12.7203	7.6791
Ge-78	2.9873	2.4819	3.9402	3.2809
H-3	0.0000	0.0000	0.0000	0.0000
Hf-167	5.3883	4.3500	8.2156	6.2700
Hf-169	8.0567	5.8930	12.7040	9.8115
Hf-170	11.5661	8.9300	21.1576	16.0183

Nuclide	avg400	ctr400	mid400	cnr400
Hf-172	11.9504	10.2233	21.7075	19.8735
Hf-173	12.6727	9.3541	19.2738	13.9397
Hf-174	0.0000	0.0000	0.0000	0.0000
Hf-175	8.7458	7.0565	13.9546	10.2227
Hf-177m	38.2926	31.4709	68.1882	47.2119
Hf-178m	25.8775	21.0311	50.8830	32.8512
Hf-179m	16.9484	13.8918	29.1604	22.1877
Hf-180m	14.2696	11.7525	25.5608	16.8718
Hf-181	6.7289	5.1386	10.6229	8.7696
Hf-182	3.7264	3.0907	5.4078	4.5369
Hf-182m	13.0873	10.5583	23.5055	17.2780
Hf-183	6.2879	5.1229	9.8615	7.2661
Hf-184	8.5064	8.2308	19.0293	19.4230
Hg-190	9.7474	9.6698	17.8719	17.6296
Hg-191m	13.7715	12.9304	26.4327	22.7305
Hg-192	9.8143	10.2106	19.1268	18.4924
Hg-193	9.2787	9.3422	18.6923	17.1865
Hg-193m	8.3172	7.9107	16.1563	13.3776
Hg-194	1.1033	1.5095	4.3105	5.4993
Hg-195	6.7817	7.3979	14.7339	14.9079
Hg-195m	7.1061	7.9903	17.8702	19.8921
Hg-197	6.4306	7.2770	13.8807	14.1405
Hg-197m	5.3222	5.6336	12.0439	12.9874
Hg-199m	6.7052	6.8287	12.4308	12.7960
Hg-203	3.2703	2.9554	4.9151	4.3199
Hg-205	0.1148	0.1020	0.2737	0.1615
Hg-206	1.6072	1.5306	2.6282	2.2082
Hg-207	7.6376	6.5168	12.4371	9.3351
Ho-150	4.6540	2.9251	8.1742	6.2226
Ho-153	7.6659	5.6908	11.3806	8.4708
Ho-153m	9.2606	6.6363	14.8076	10.1431
Ho-154m	14.8365	11.0597	22.6861	15.5603
Ho-154	7.7730	5.8769	12.0135	8.4162
Ho-155	9.1491	6.6788	14.1397	10.9759
Ho-156	12.1905	8.6558	18.1128	13.8226
Ho-157	14.2035	10.2604	20.9117	16.0152
Ho-159	15.6638	10.9531	22.6369	16.6837
Ho-160	13.6338	9.3818	22.8773	17.1731
Ho-161	9.2504	7.2553	14.0507	13.6151
Ho-162	6.9731	5.0508	10.3797	8.3535

Nuclide	avg400	ctr400	mid400	cnr400
Ho-162m	10.1576	7.6844	17.4504	14.3735
Ho-163	0.0297	0.0416	0.1276	0.1542
Ho-164	4.0564	2.9085	6.0499	4.8496
Ho-164m	7.3822	5.8980	13.3859	12.5591
Ho-166	1.2323	1.0629	2.4466	2.0888
Ho-166m	12.0419	8.6654	22.3118	15.6625
Ho-167	4.8979	3.9785	7.5232	5.0676
Ho-168	4.5821	3.2361	8.7241	6.7512
Ho-168m	1.3077	1.1937	3.1310	3.2132
Ho-170	11.3121	8.0778	18.8937	14.9666
I-118m	12.2058	8.1997	26.6479	17.4716
I-118	4.2303	2.8665	9.3231	6.0391
I-119	6.9731	6.0445	9.7994	11.2136
I-120	6.0812	4.5963	11.1725	9.1275
I-120m	11.0913	7.6119	23.5767	16.0805
I-121	9.5496	8.3508	16.0587	16.2150
I-122	2.0656	1.7407	3.3157	3.7170
I-123	10.5403	9.2966	13.4768	18.2851
I-124	7.5718	6.3776	12.9661	13.3435
I-125	12.8526	12.0417	17.8367	25.5797
I-126	5.5268	4.7713	8.9325	9.0486
I-128	0.8567	0.7261	1.2494	1.3049
I-129	6.5916	6.1299	8.9480	12.6750
I-130m	2.0825	1.8615	3.4782	4.2396
I-130	8.9525	5.6911	18.4681	11.6385
I-131	2.6887	2.8809	2.7316	3.0834
I-132	7.7775	4.8716	16.5147	10.6836
I-132m	4.7932	4.1769	8.9551	9.0615
I-133	2.8351	1.7431	5.0258	3.7319
I-134m	10.0536	8.9330	13.6308	17.0756
I-134	8.0194	5.2243	13.6439	10.9624
I-135	3.2616	2.2975	6.7628	4.3587
In-103	6.5998	4.8613	12.7168	8.6779
In-105	7.3914	5.6607	11.9315	10.1849
In-106	10.4392	7.0404	19.8242	15.0812
In-106m	4.6790	3.2736	10.5628	6.3148
In-107	8.2763	7.0500	14.3670	12.6860
In-108	16.1806	12.2826	29.0927	24.4223
In-108m	6.6673	5.3020	12.9002	10.1738
In-109	10.3178	9.0759	18.3044	16.3791

Nuclide	avg400	ctr400	mid400	cnr400
In-109m	2.8547	1.8760	7.1248	4.0970
In-110	16.3954	12.3797	29.0198	26.0499
In-110m	5.3403	4.1417	10.8554	8.5131
In-111	13.2079	11.5094	19.0783	20.2193
In-111m	3.1407	2.1694	5.3846	4.5762
In-112	2.3665	2.2209	3.5847	4.4036
In-112m	5.4926	5.0996	7.5114	10.2528
In-113m	4.0600	3.7043	5.9488	5.5274
In-114	0.0368	0.0338	0.0582	0.0676
In-114m	3.9378	3.5845	6.1899	7.1813
In-115	0.0000	0.0000	0.0000	0.0000
In-115m	4.3386	4.0295	6.0430	7.0484
In-116m	5.3396	3.7291	11.3152	7.2070
In-117	6.5947	4.6914	9.4102	8.3995
In-117m	2.9398	2.6364	3.8172	4.6865
In-118m	6.7572	4.3631	14.8380	10.0184
In-118	0.1614	0.1039	0.4014	0.2520
In-119	4.1607	3.1050	7.4581	7.0075
In-119m	0.9291	0.8592	1.4944	1.8043
In-121	2.8849	1.8768	4.2711	4.1183
In-121m	4.4874	4.0530	5.9425	7.3641
Ir-180	9.4861	8.1161	17.1395	14.4799
Ir-182	9.4137	8.2941	16.8699	14.4045
Ir-183	11.1024	10.7988	21.5820	18.3748
Ir-184	14.0810	12.4929	25.9346	21.4234
Ir-185	11.3216	11.5700	24.1131	22.4287
Ir-186	13.7016	12.2626	24.3179	20.2140
Ir-186m	8.1094	7.1472	15.0859	12.7549
Ir-187	8.0711	8.2971	16.1747	15.2064
Ir-188	9.9606	8.9816	18.5415	15.2691
Ir-189	6.2017	6.6881	13.0843	12.8913
Ir-190	14.5395	12.3920	28.2660	20.3298
Ir-190m	1.0292	1.4355	4.3363	5.3062
Ir-190n	5.1864	5.4608	10.0478	9.6325
Ir-191m	5.6491	6.0432	12.6428	13.1412
Ir-192	7.0537	5.9940	10.8048	8.1266
Ir-192m	1.1900	1.6429	4.8009	6.0311
Ir-192n	2.5048	3.4450	9.9994	12.5568
Ir-193m	1.0417	1.4427	4.3062	5.2679
Ir-194	0.6238	0.5399	0.9675	0.6973

Nuclide	avg400	ctr400	mid400	cnr400
Ir-194m	14.7035	11.2422	26.8634	17.9315
Ir-195	4.7380	5.1168	10.6760	9.9017
Ir-195m	6.0653	5.8607	11.9898	10.0832
Ir-196	1.2687	1.0338	2.0086	1.3962
Ir-196m	16.3437	12.9861	31.1921	20.0201
K-38	2.0592	1.3720	3.7222	2.1876
K-40	0.2543	0.2148	0.6020	0.3432
K-42	0.4121	0.3551	0.8234	0.3798
K-43	5.4083	4.0730	10.8707	5.4837
K-44	3.4931	2.3473	7.0315	4.6943
K-45	4.7217	3.5342	8.1236	4.8801
K-46	3.3607	2.3820	8.1586	4.5419
Kr-74	5.9349	5.4227	12.9455	9.8305
Kr-75	4.7964	3.6842	7.2822	6.8967
Kr-76	7.7308	7.5059	15.9732	17.7746
Kr-77	4.9792	3.6295	6.9546	6.5054
Kr-79	3.4383	3.8503	9.2864	11.5378
Kr-81	2.2350	2.9549	7.3539	10.5081
Kr-81m	2.9334	2.5834	7.0991	5.5166
Kr-83m	0.9966	1.3194	3.3621	4.6869
Kr-85	0.0117	0.0071	0.0187	0.0153
Kr-85m	3.2677	2.5275	3.8067	4.0686
Kr-87	2.1556	1.7057	3.5622	1.8690
Kr-88	3.8484	2.9556	7.7226	5.5028
Kr-89	4.3965	3.1180	8.5390	5.3698
La-128	9.8150	7.3975	16.1382	13.2141
La-129	6.9162	5.9441	10.5513	10.7490
La-130	7.7246	6.1629	12.3292	10.3115
La-131	9.9905	8.7406	15.6042	15.8814
La-132	8.3298	6.6244	13.1430	12.7175
La-132m	8.6122	6.9770	12.5457	13.2618
La-133	6.6432	6.3311	10.3525	13.9736
La-134	2.5416	2.3341	3.7363	4.9021
La-135	6.3956	5.9988	8.9460	12.6319
La-136	4.2025	3.9258	5.9016	8.2805
La-137	6.1325	5.7710	8.5984	12.1859
La-138	5.6295	4.7918	9.6655	9.5970
La-140	5.4358	4.2232	8.7751	5.7164
La-141	0.0438	0.0318	0.1099	0.0591
La-142	3.6309	2.4020	7.7246	4.4834

Nuclide	avg400	ctr400	mid400	cnr400
La-143	0.5325	0.3547	1.1263	0.6878
Lu-165	12.0500	8.7099	20.0451	13.7372
Lu-167	13.2126	10.2528	23.0047	18.4009
Lu-169m	0.7464	1.0454	3.2040	3.8752
Lu-169	11.9367	8.6550	20.9941	14.9561
Lu-170	10.3194	7.5539	18.9267	13.6280
Lu-171m	0.8106	1.1190	3.3979	4.0885
Lu-171	13.2059	10.4638	24.9983	21.0199
Lu-172	14.4325	10.6534	25.6942	20.0024
Lu-172m	0.6711	0.9399	2.8808	3.4837
Lu-173	11.9776	8.7670	19.4208	13.9473
Lu-174	6.2884	4.7770	11.1159	8.7983
Lu-174m	7.2632	6.4427	14.9298	14.0025
Lu-176	8.5873	7.4474	17.6858	11.7866
Lu-176m	1.3613	1.3482	3.3612	2.9084
Lu-177	1.0515	0.8423	2.3642	1.3961
Lu-177m	21.0398	16.8892	37.8608	24.8462
Lu-178	1.0795	0.9694	2.6981	1.9763
Lu-178m	16.3152	13.8881	31.1399	18.2317
Lu-179	0.4794	0.3660	1.0392	0.5273
Lu-180	7.1100	5.7152	14.7728	9.6811
Lu-181	7.1573	5.8357	15.4534	12.0360
Mg-27	2.5988	1.6235	3.9241	3.7533
Mg-28	8.8218	7.5564	13.6196	14.4086
Mn-50m	8.2453	5.4627	16.9042	11.6060
Mn-51	0.0306	0.0329	0.1025	0.1100
Mn-52	7.8347	5.5881	16.0979	12.2331
Mn-52m	2.2813	1.8055	5.3045	2.7071
Mn-53	0.6023	0.8439	2.5892	3.1289
Mn-54	3.2069	2.4444	6.7484	6.8795
Mn-56	3.4833	2.2594	5.6875	4.5811
Mn-57	2.2121	2.3266	6.1617	6.9079
Mn-58m	5.6137	3.7226	10.9475	7.6053
Mo-101	5.0378	3.7862	10.4573	7.4274
Mo-102	0.3559	0.2724	0.6072	0.3933
Mo-89	0.6843	0.5137	1.4598	1.1914
Mo-90	12.6187	11.5004	22.1904	24.2406
Mo-91m	2.6994	1.9861	6.5081	4.1141
Mo-91	0.3355	0.3615	0.6742	0.9020
Mo-93	4.8490	5.3062	9.8097	13.5901

Nuclide	avg400	ctr400	mid400	cnr400
Mo-93m	8.3907	6.7618	16.9801	12.3848
Mo-99	1.1959	0.9160	2.0328	1.6929
N-13	0.0000	0.0000	0.0000	0.0000
N-16	1.4189	1.0098	2.8455	1.6641
Na-22	2.3352	1.5424	6.6870	3.7665
Na-24	4.3295	3.0384	9.5555	5.3458
Nb-87	7.2304	6.4725	16.0803	13.7621
Nb-88m	9.5971	6.7854	17.2124	12.6527
Nb-88	14.4300	11.3691	25.9733	24.0697
Nb-89	1.8668	1.7921	3.8448	4.3608
Nb-89m	3.3421	2.4916	5.7947	5.9995
Nb-90	10.7728	8.7586	19.4076	19.4170
Nb-91	4.6311	5.1614	9.9552	14.3106
Nb-91m	4.1662	4.5339	8.5151	11.6356
Nb-92	9.6921	8.2116	18.6920	21.0203
Nb-92m	7.2565	6.8357	13.6325	18.1610
Nb-93m	0.9073	1.0056	1.9301	2.6423
Nb-94m	3.3129	3.6223	6.7267	9.2962
Nb-94	5.1592	3.1748	9.8835	7.2976
Nb-95	2.6231	1.5956	4.9146	3.7182
Nb-95m	4.0767	4.1929	8.0752	10.0178
Nb-96	8.3194	5.3209	15.4619	11.3680
Nb-97	2.6217	1.6014	6.8368	3.5649
Nb-98m	8.0601	5.2987	15.5017	10.9185
Nb-99	8.1159	6.7774	14.7528	11.5806
Nb-99m	2.1797	1.7104	4.2477	2.9774
Nd-134	9.9417	8.2291	13.1799	13.4436
Nd-135	10.9704	8.9444	17.1340	14.8097
Nd-136	11.9071	9.9890	17.0074	16.9441
Nd-137	10.9768	9.2410	15.2349	15.7946
Nd-138	6.2643	5.5155	7.8723	9.8072
Nd-139	5.2495	4.5274	6.9261	7.9963
Nd-139m	14.3656	11.1886	22.0595	20.2536
Nd-140	5.9600	5.2582	7.4531	9.4459
Nd-141	5.9872	5.2674	7.5071	9.4553
Nd-141m	2.8896	1.8790	5.2453	4.1001
Nd-144	0.0000	0.0000	0.0000	0.0000
Nd-147	5.1933	4.2484	7.7858	5.9647
Nd-149	6.5070	5.0685	10.5983	7.2573
Nd-151	6.6890	4.8772	10.9934	7.3762

Nuclide	avg400	ctr400	mid400	cnr400
Nd-152	2.7916	2.4207	4.4669	4.5089
Ne-19	0.0006	0.0004	0.0014	0.0004
Ne-24	2.9406	1.9827	4.3735	3.2746
Ni-56	10.3832	7.9540	17.4448	16.6166
Ni-57	3.4294	2.8537	8.6501	6.3754
Ni-59	1.0444	1.4632	4.4893	5.4251
Ni-63	0.0000	0.0000	0.0000	0.0000
Ni-65	1.0778	0.8272	2.1493	1.2779
Ni-66	0.0000	0.0000	0.0000	0.0000
Np-232	13.9899	12.7806	30.9514	27.6280
Np-233	5.9970	5.6653	15.9127	11.9783
Np-234	8.6868	8.3511	21.5673	18.2775
Np-235	2.7139	3.2102	7.0132	9.4871
Np-236	14.4868	14.9305	34.4906	36.5207
Np-236m	3.5325	3.4285	9.2661	7.6171
Np-237	6.1408	6.6603	13.7201	17.1304
Np-238	4.1982	4.0200	8.1836	10.2962
Np-239	8.9961	8.5160	22.0010	18.3711
Np-240	12.9101	12.0947	27.6712	28.5856
Np-240m	3.6937	3.5528	8.0576	8.9029
Np-241	2.3638	2.2170	5.7853	4.8217
Np-242	0.9872	0.8476	2.0875	1.9844
Np-242m	11.6695	11.2733	23.7074	27.5723
O-14	2.0550	1.3612	3.7120	2.1929
O-15	0.0000	0.0000	0.0000	0.0000
O-19	4.4123	3.2545	11.2467	4.7910
Os-180	7.5359	7.7897	15.4529	15.0322
Os-181	13.0622	11.6319	23.9969	20.1444
Os-182	9.2885	8.4661	17.9045	15.9332
Os-183	13.6162	12.7793	24.1906	18.8637
Os-183m	7.2432	6.5115	13.5844	12.0223
Os-185	7.2585	6.3309	15.3186	11.6096
Os-186	0.0000	0.0000	0.0000	0.0000
Os-189m	0.9840	1.3742	4.1697	5.0842
Os-190m	12.7316	10.3169	27.0440	19.9031
Os-191	6.0233	6.3647	13.0243	13.3177
Os-191m	1.4662	1.8609	4.8983	5.6910
Os-193	1.7162	1.7373	3.4966	3.3096
Os-194	1.2543	1.4875	3.9696	4.8037
Os-196	1.6449	1.5441	2.9312	2.3293

Nuclide	avg400	ctr400	mid400	cnr400
P-30	0.0016	0.0011	0.0031	0.0020
P-32	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000
Pa-227	2.6876	2.8893	6.4961	7.0775
Pa-228	14.8484	14.1928	33.9801	32.9881
Pa-229	5.3669	5.4184	14.0467	12.1611
Pa-230	8.9214	8.5382	20.8996	20.0199
Pa-231	5.1542	5.8642	12.6317	16.9130
Pa-232	7.4280	6.7397	14.6996	16.5268
Pa-233	7.1893	7.2690	16.5621	16.1100
Pa-234	14.8406	13.4854	32.3779	31.6298
Pa-234m	0.1153	0.1040	0.2527	0.2480
Pa-235	0.3536	0.4949	1.5137	1.8339
Pa-236	5.0631	4.5956	12.0720	11.0908
Pa-237	2.5917	1.8542	5.0029	4.6001
Pb-194	10.2930	9.9638	20.7974	17.0601
Pb-195m	13.8196	13.2619	27.5091	23.9008
Pb-196	9.7922	9.6714	18.4152	16.5935
Pb-197	9.2061	8.7257	17.5191	14.2192
Pb-197m	12.3517	11.9871	24.6766	21.0184
Pb-198	9.4073	9.5080	17.6243	15.8697
Pb-199	8.1306	8.0146	15.4510	12.9661
Pb-200	9.0460	9.3292	17.3153	17.0385
Pb-201	9.2864	9.1828	16.9205	14.7919
Pb-201m	3.3810	3.0606	8.1471	6.0520
Pb-202	1.0323	1.4251	4.1579	5.2310
Pb-202m	9.3064	7.2019	16.4111	13.5476
Pb-203	8.0648	8.2412	14.6592	13.6214
Pb-204m	8.1023	6.0474	12.3198	10.4399
Pb-205	1.0450	1.4425	4.2083	5.2947
Pb-209	0.0000	0.0000	0.0000	0.0000
Pb-210	1.5524	1.8517	4.6685	6.1363
Pb-211	0.3617	0.2939	0.6289	0.4589
Pb-212	3.7155	3.6358	7.0934	6.1044
Pb-214	3.7286	3.6332	6.6921	5.9039
Pd-100	15.7192	15.6572	23.4542	22.3207
Pd-101	12.1106	11.9651	18.8647	20.5789
Pd-103	5.7749	5.9148	8.8785	10.1942
Pd-107	0.0000	0.0000	0.0000	0.0000
Pd-109m	4.0378	3.5731	7.2906	5.8398

Nuclide	avg400	ctr400	mid400	cnr400
Pd-109	3.1544	3.0968	4.8356	5.8288
Pd-111	0.2546	0.2027	0.4544	0.3283
Pd-112	2.1717	2.3258	3.9699	4.9812
Pd-114	0.4914	0.3699	0.7297	0.5201
Pd-96	10.0628	8.0570	16.0037	14.1096
Pd-97	7.0973	5.8295	11.3602	9.6428
Pd-98	11.4280	10.2462	20.4798	16.0075
Pd-99	8.2656	6.8866	12.2117	11.0194
Pm-136	8.9252	6.5618	15.1512	10.4705
Pm-137m	14.0506	10.9739	22.5124	17.0981
Pm-139	3.1382	2.6192	4.3273	4.0041
Pm-140m	10.4130	7.5703	15.8794	13.3199
Pm-140	1.0897	0.8511	1.5867	1.5344
Pm-141	3.4421	2.8854	4.5859	4.9458
Pm-142	1.4999	1.2854	1.8931	2.1279
Pm-143	6.9126	5.6850	9.2381	10.0338
Pm-144	12.4903	9.1768	22.2843	17.2621
Pm-145	5.9852	5.1819	7.4176	8.8228
Pm-146	7.3110	5.6528	10.7183	9.7030
Pm-147	0.0003	0.0002	0.0004	0.0003
Pm-148	1.4665	1.0007	2.8450	1.8469
Pm-148m	9.3754	6.1623	19.1080	11.9174
Pm-149	0.1312	0.1116	0.1926	0.1729
Pm-150	4.8644	3.7381	8.4580	5.6862
Pm-151	5.3299	4.2578	7.8977	5.8775
Pm-152m	10.1614	7.5904	15.6924	11.6527
Pm-152	2.0408	1.4387	3.0635	2.3578
Pm-153	4.1249	3.3594	6.0157	5.5336
Pm-154	5.5738	4.2444	9.0782	7.2438
Pm-154m	9.9249	7.8034	16.7079	11.5724
Po-203	10.2141	9.5098	20.3364	18.5000
Po-204	15.8775	16.0052	32.8367	32.5206
Po-205	9.8001	9.0426	18.7660	17.3351
Po-206	12.3482	12.1163	25.2048	25.6726
Po-207	8.9336	8.2893	16.8374	15.5472
Po-208	0.0003	0.0003	0.0006	0.0006
Po-209	0.1170	0.1332	0.3332	0.3719
Po-210	0.0000	0.0000	0.0001	0.0000
Po-211	0.0303	0.0193	0.0552	0.0424
Po-212m	0.1088	0.0699	0.2164	0.1318

Nuclide	avg400	ctr400	mid400	cnr400
Po-212	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0001	0.0002	0.0002
Po-214	0.0003	0.0002	0.0005	0.0004
Po-215	0.0012	0.0009	0.0018	0.0011
Po-216	0.0001	0.0000	0.0001	0.0001
Po-218	0.0000	0.0000	0.0000	0.0000
Pr-134	13.1291	10.0499	23.1429	15.8426
Pr-134m	6.0700	4.8266	9.6120	6.7644
Pr-135	8.4299	7.3920	11.9405	12.6932
Pr-136	7.6074	5.5336	12.6580	10.9122
Pr-137	4.9575	4.4160	6.5010	8.3268
Pr-138	1.6592	1.4704	2.2054	2.7961
Pr-138m	13.5455	10.6477	19.4174	19.9392
Pr-139	5.7058	5.1473	7.3840	9.7404
Pr-140	3.0464	2.7498	3.9329	5.1957
Pr-142	0.0821	0.0742	0.1497	0.0642
Pr-142m	0.0474	0.0664	0.2037	0.2462
Pr-143	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0564	0.0366	0.1233	0.0710
Pr-144m	2.5254	2.3212	3.7166	4.6541
Pr-145	0.1306	0.1011	0.2015	0.1781
Pr-146	2.8124	2.0280	4.9685	3.1160
Pr-147	10.3471	8.5960	14.1964	13.6894
Pr-148	3.7530	2.9006	6.2171	4.5040
Pr-148m	5.8417	4.5849	9.1079	6.4586
Pt-184	18.9436	18.8171	37.4485	33.2997
Pt-186	9.3970	8.9516	19.2788	15.9245
Pt-187	11.9501	11.9112	23.9946	20.5701
Pt-188	8.5647	8.8281	17.6549	15.5626
Pt-189	11.3455	11.5162	23.0396	20.4113
Pt-190	0.0000	0.0000	0.0000	0.0000
Pt-191	10.5370	10.9296	20.3425	18.3560
Pt-193	1.0834	1.5011	4.4341	5.5245
Pt-193m	1.9798	2.4744	6.1403	7.1243
Pt-195m	7.4956	8.4626	18.7145	19.0918
Pt-197	1.9552	2.3002	5.0811	5.4962
Pt-197m	4.8271	5.5454	11.8428	12.8739
Pt-199	1.6467	1.3500	3.1668	2.5772
Pt-200	3.4358	3.7314	7.5989	7.6879
Pt-202	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Pu-232	4.5515	4.2473	11.9807	9.0072
Pu-234	5.2827	5.0156	13.8500	10.9558
Pu-235	7.3123	7.0226	18.7656	15.7943
Pu-236	0.9081	1.0536	2.1875	2.9863
Pu-237	5.3985	5.4442	13.6506	12.9413
Pu-238	0.8369	0.9725	2.0196	2.7607
Pu-239	0.4226	0.5068	1.1502	1.5223
Pu-240	0.7878	0.9150	1.8997	2.5957
Pu-241	0.0002	0.0002	0.0004	0.0004
Pu-242	0.6754	0.7844	1.6286	2.2257
Pu-243	2.1240	2.2083	4.2440	3.9452
Pu-244	0.6181	0.6925	1.4535	1.9136
Pu-245	4.3316	3.6970	8.7153	6.8229
Pu-246	8.4914	7.5745	17.1550	15.1869
Ra-219	2.6379	2.5576	4.8525	3.9965
Ra-220	0.0294	0.0213	0.0457	0.0330
Ra-221	2.4573	2.6114	5.8966	6.7243
Ra-222	0.0932	0.0858	0.1380	0.1072
Ra-223	4.9109	4.9671	10.6546	9.4717
Ra-224	0.1684	0.1448	0.3057	0.2516
Ra-225	3.0986	2.8774	4.5576	5.7471
Ra-226	2.0494	2.1551	2.2942	2.2202
Ra-227	6.1519	6.4778	13.6808	16.7019
Ra-228	2.0404	2.1843	2.2923	2.3522
Ra-230	2.6329	2.5980	5.9367	5.1598
Rb-77	5.6670	5.0273	8.8611	6.8374
Rb-78m	6.6625	4.6419	13.3198	7.9387
Rb-78	4.8560	3.5042	9.0672	6.4085
Rb-79	5.9034	4.8477	11.0934	10.5959
Rb-80	0.7961	0.5112	2.1192	1.1925
Rb-81	2.9596	3.1221	7.0547	9.1847
Rb-81m	2.3900	2.8422	6.0281	8.8326
Rb-82	0.5343	0.4031	1.0988	1.0956
Rb-82m	10.4488	7.8589	22.8529	20.2139
Rb-83	4.9153	4.6648	11.5683	14.2687
Rb-84	3.4852	3.2877	7.6097	10.1108
Rb-84m	4.6780	3.9737	8.5627	7.8825
Rb-86m	2.6590	1.6352	5.4031	3.5932
Rb-86	0.2141	0.1384	0.3683	0.3259
Rb-87	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Rb-88	0.9153	0.6442	1.5431	1.0577
Rb-89	4.0426	2.6415	7.9560	5.7960
Rb-90	2.1611	1.4032	3.6781	2.8809
Rb-90m	5.0852	3.3714	9.0978	6.9232
Re-178	9.2739	8.0454	18.8146	14.3952
Re-179	11.4690	10.1039	20.1962	15.9861
Re-180	10.0842	8.6344	19.7032	16.4408
Re-181	12.1774	11.0580	22.2516	18.0633
Re-182	22.8388	20.1019	43.6173	33.8650
Re-182m	12.5318	11.2442	24.2390	18.8507
Re-183	10.8672	10.2017	21.2995	19.1409
Re-184	9.2065	7.8279	17.1725	14.5703
Re-184m	8.8676	8.3892	18.9393	16.3125
Re-186	1.0728	0.9760	1.9255	1.7881
Re-186m	4.0969	4.8719	13.0034	14.8934
Re-187	0.0000	0.0000	0.0000	0.0000
Re-188	1.0412	0.8991	1.6444	1.6256
Re-188m	6.6580	6.9762	15.2868	14.0225
Re-189	1.2166	1.1316	2.6514	2.2153
Re-190	8.9661	6.8249	17.6910	10.7695
Re-190m	8.8765	7.4509	17.6099	12.7076
Rh-100m	8.2942	8.3934	12.6158	14.3836
Rh-100	11.2463	9.5289	19.8924	17.7784
Rh-101	11.4244	10.1071	19.7169	16.8724
Rh-101m	8.1551	8.0408	12.5892	13.5807
Rh-102	5.1995	4.7854	8.5454	8.8740
Rh-102m	13.9408	11.2401	25.5643	21.7118
Rh-103m	0.6889	0.7312	1.2517	1.4554
Rh-104	0.0823	0.0613	0.1570	0.1245
Rh-104m	8.6358	7.3728	12.4687	11.4566
Rh-105	0.7436	0.6663	0.9808	0.7590
Rh-106	0.9142	0.5596	1.7608	1.1981
Rh-106m	9.8530	6.5737	18.0468	12.4522
Rh-107	2.8985	2.5116	4.0250	2.9606
Rh-108	1.7928	1.3069	3.1757	1.8219
Rh-109	3.8873	3.3814	5.7583	4.4410
Rh-94	5.9137	4.2611	11.6209	7.4654
Rh-95	5.3186	4.1686	9.4038	8.1901
Rh-95m	3.1606	2.1947	5.7167	4.4362
Rh-96	11.4362	7.9099	24.0430	16.6239

Nuclide	avg400	ctr400	mid400	cnr400
Rh-96m	4.5332	3.9350	7.4244	7.2534
Rh-97	5.6928	4.9903	9.3139	7.9220
Rh-97m	9.4923	8.3241	17.0104	14.4561
Rh-98	3.4456	2.3785	8.3245	4.9594
Rh-99	12.0206	11.4849	20.5185	19.4087
Rh-99m	8.4949	8.1317	14.1635	13.8478
Rn-207	7.7724	7.1647	15.5869	12.3417
Rn-209	8.7068	8.0830	17.4729	13.8153
Rn-210	0.6768	0.6441	1.4556	1.3193
Rn-211	10.1828	8.8229	22.0744	17.7983
Rn-212	0.0013	0.0008	0.0032	0.0018
Rn-215	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0034	0.0021	0.0087	0.0046
Rn-219	0.6573	0.5857	1.0357	0.8027
Rn-220	2.2828	2.3947	2.3959	2.6911
Rn-222	0.0022	0.0013	0.0034	0.0028
Rn-223	4.9982	4.9627	12.4346	12.3529
Ru-103	2.7674	1.7276	4.2245	3.4822
Ru-105	4.6307	3.5018	8.1248	6.1565
Ru-106	0.0000	0.0000	0.0000	0.0000
Ru-107	1.6375	1.2004	3.0844	1.9358
Ru-108	1.9978	1.6774	2.7103	2.5283
Ru-92	22.4270	19.4767	37.0656	34.4667
Ru-94	8.2978	8.1082	13.7801	14.7262
Ru-95	8.9700	8.2822	15.6602	15.3299
Ru-97	8.6483	8.2802	16.4655	15.5412
S-35	0.0000	0.0000	0.0000	0.0000
S-37	1.8790	1.2754	3.4378	2.1069
S-38	1.8002	1.2725	3.2526	1.8104
Sb-111	6.4067	4.8979	8.5144	8.8244
Sb-113	5.5761	4.4066	8.0409	8.6687
Sb-114	5.1047	3.8566	10.6937	8.0869
Sb-115	7.2415	5.8692	10.2677	12.2964
Sb-116	6.1739	4.9524	11.5095	10.6876
Sb-116m	18.4348	14.6528	31.5850	28.8208
Sb-117	10.3966	9.1098	13.0593	17.7309
Sb-118	1.8678	1.7118	2.6873	3.6449
Sb-118m	21.4296	17.7999	31.9905	35.5183

Nuclide	avg400	ctr400	mid400	cnr400
Sb-119	8.1068	7.6371	11.5623	16.2807
Sb-120	3.9684	3.6859	5.5225	7.8194
Sb-120m	19.5583	16.0727	35.4567	29.2684
Sb-122m	10.5653	9.9026	14.3225	16.6440
Sb-122	2.2004	1.3920	4.5437	3.0132
Sb-124	4.6925	3.1582	10.6926	5.7139
Sb-124m	2.1405	1.4123	5.0043	3.3273
Sb-124n	0.1655	0.2317	0.7105	0.8587
Sb-125	7.0938	6.0776	11.1688	11.7961
Sb-126	11.6302	7.7332	24.7624	14.5246
Sb-126m	7.0812	4.8996	15.0912	8.3316
Sb-127	3.6444	2.5333	6.6801	4.7621
Sb-128	12.8536	8.5581	25.2966	16.9611
Sb-128m	8.4108	5.9381	14.8126	10.9066
Sb-129	4.2817	2.8180	7.4217	5.7145
Sb-130m	9.7638	6.4760	16.5493	13.5541
Sb-130	14.4032	10.2786	23.9705	18.5199
Sb-131	5.2839	3.5550	9.6933	7.0861
Sb-133	5.2657	3.6359	9.9796	6.8938
Sc-42m	7.3845	5.6055	15.0748	8.3456
Sc-43	0.6786	0.6145	1.1040	0.6650
Sc-44	2.4546	1.6046	5.4998	3.9163
Sc-44m	2.7275	2.2395	3.7575	3.2322
Sc-46	5.0227	3.1885	8.6966	7.5177
Sc-47	2.3383	1.7243	2.2711	2.4047
Sc-48	7.6097	5.0265	13.7854	11.2159
Sc-49	0.0013	0.0011	0.0023	0.0011
Sc-50	7.0680	4.9952	13.1891	8.7108
Se-70	8.0802	7.8220	20.2967	21.1976
Se-71	3.1892	2.2431	4.7648	4.1670
Se-72	6.8936	6.6334	16.4497	18.3552
Se-73	7.2767	7.3083	12.6227	10.4412
Se-73m	1.0574	1.1822	2.8659	3.1988
Se-75	8.1830	7.5733	17.3955	17.5760
Se-77m	2.8144	2.6933	5.6156	6.7712
Se-79m	2.1470	2.6792	7.5452	8.8610
Se-79	0.0000	0.0000	0.0000	0.0000
Se-81	0.0547	0.0419	0.0825	0.0650
Se-81m	2.2815	2.7378	8.0178	8.9246
Se-83m	2.5209	1.7615	4.1998	3.1801

Nuclide	avg400	ctr400	mid400	cnr400
Se-83	8.8781	6.3714	15.8673	10.4195
Se-84	2.8940	2.4315	4.4837	2.0804
Si-31	0.0016	0.0011	0.0047	0.0027
Si-32	0.0000	0.0000	0.0000	0.0000
Sm-139	6.2345	4.9226	9.1881	7.7432
Sm-140	7.0459	5.7174	9.4079	9.0194
Sm-141	6.0639	4.9218	8.6872	6.7059
Sm-141m	12.0508	9.1929	19.9222	14.6923
Sm-142	5.5025	4.5882	6.5042	7.2987
Sm-143	3.3464	2.7788	4.0107	4.4385
Sm-143m	2.9202	1.8869	5.2625	4.0036
Sm-145	11.1705	9.3475	13.1379	14.3850
Sm-146	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0066	0.0082	0.0209	0.0253
Sm-153	6.0694	4.6376	9.4962	6.1694
Sm-155	4.5605	3.2432	10.5893	3.5294
Sm-156	4.1049	3.5693	7.9298	5.5514
Sm-157	5.5378	4.2176	10.4725	5.7350
Sn-106	12.3643	10.4219	18.6865	19.0149
Sn-108	12.8930	11.2977	19.7604	19.4686
Sn-109	10.2490	8.7209	16.2947	16.9203
Sn-110	9.4493	8.6246	12.9790	15.8284
Sn-111	4.9141	4.5647	7.0389	9.2797
Sn-113	6.5322	6.1638	9.1395	12.5914
Sn-113m	4.5878	4.3082	6.4806	9.1616
Sn-117m	9.1194	7.9248	11.3532	15.2499
Sn-119m	5.3080	5.0536	7.8630	10.9313
Sn-121	0.0000	0.0000	0.0000	0.0000
Sn-121m	1.6017	1.5295	2.4451	3.3923
Sn-123	0.0158	0.0102	0.0280	0.0241
Sn-123m	3.8964	3.0640	4.2905	4.9269
Sn-125m	3.0119	2.6839	4.1180	2.9549
Sn-125	0.8348	0.5515	1.3754	1.1724
Sn-126	5.8333	5.5192	9.8247	8.9480
Sn-127m	2.6887	1.7347	4.0982	3.2813
Sn-127	5.8464	4.0656	10.0143	7.9422
Sn-128	17.8574	15.7206	25.0890	30.3368
Sn-129	3.3660	2.1556	8.2606	4.5269

Nuclide	avg400	ctr400	mid400	cnr400
Sn-130	11.8980	9.8987	19.6575	16.8787
Sn-130m	7.5676	6.1807	11.4676	11.2593
Sr-79	5.5295	4.8368	9.7356	9.0488
Sr-80	4.4235	4.3865	10.4340	12.5206
Sr-81	4.9536	3.7902	7.5622	6.7997
Sr-82	2.7154	3.3570	7.0633	11.1231
Sr-83	5.8268	6.0917	13.3146	17.5750
Sr-85	5.3467	4.9752	11.2994	14.6543
Sr-85m	3.6021	2.9955	6.7392	5.5109
Sr-87m	2.9332	2.7487	5.0241	3.8052
Sr-89	0.0002	0.0002	0.0004	0.0004
Sr-90	0.0000	0.0000	0.0000	0.0000
Sr-91	2.1023	1.3356	3.8475	2.9818
Sr-92	2.4180	1.7942	5.7448	3.1667
Sr-93	7.4605	5.2507	14.7710	10.9251
Sr-94	2.3829	1.8201	5.5623	2.8927
Ta-170	5.3228	4.3741	11.5261	8.0995
Ta-172	10.5789	8.5261	21.6184	15.2402
Ta-173	10.7529	9.1482	19.7168	16.3223
Ta-174	9.3485	7.8068	19.6018	13.7190
Ta-175	12.8458	10.4271	22.3011	16.5809
Ta-176	10.9142	8.9038	21.4848	15.8824
Ta-177	5.8728	4.8681	10.3392	8.1090
Ta-178	6.0773	5.1402	11.0892	8.8153
Ta-178m	21.9731	18.6317	40.5057	25.7488
Ta-179	3.0955	2.7871	6.2162	5.6704
Ta-180	5.0728	4.2989	9.2089	7.3645
Ta-182	9.1210	7.9067	18.5100	13.4412
Ta-182m	11.5771	10.3831	22.4866	20.3019
Ta-183	11.0225	10.0746	21.9821	18.6005
Ta-184	12.7837	10.6202	23.6384	18.3101
Ta-185	5.8705	5.5151	12.2009	10.8509
Ta-186	11.3351	8.4733	23.3524	14.5765
Tb-146	6.2457	4.8655	10.4931	6.7599
Tb-147m	6.2662	4.6834	10.3851	7.3563
Tb-147	10.2445	7.1056	16.7829	12.5565
Tb-148m	15.5064	10.8272	26.3069	18.3171
Tb-148	7.0628	4.7759	11.3521	8.9179
Tb-149m	8.6305	5.9341	13.3897	10.7982
Tb-149	10.0935	7.4587	14.7943	11.4167

Nuclide	avg400	ctr400	mid400	cnr400
Tb-150m	16.4440	11.3019	29.8772	19.6336
Tb-150	9.0813	6.3292	15.9507	10.9421
Tb-151	14.8358	10.9228	22.7137	16.4748
Tb-151m	3.6364	3.2498	8.3638	8.4640
Tb-152m	13.2067	10.0055	18.8538	15.2342
Tb-152	9.0902	6.9128	13.2017	10.1261
Tb-153	11.1369	8.4231	17.1127	12.9738
Tb-154	11.1220	7.8745	17.0523	13.1155
Tb-155	11.7471	9.0142	18.1318	12.7518
Tb-156	15.8023	11.6087	26.6564	19.1462
Tb-156m	4.7223	2.4884	6.0267	3.1645
Tb-156n	0.9300	0.9965	2.6841	2.9502
Tb-157	1.1693	1.1366	2.7281	2.9983
Tb-158	9.4791	7.1215	13.9284	12.3033
Tb-160	5.8405	4.3277	10.1390	7.8796
Tb-161	5.8999	4.9443	9.4669	9.7790
Tb-162	7.3602	5.4345	11.5077	9.6301
Tb-163	6.0354	4.6826	9.4738	6.2024
Tb-164	11.8346	8.4226	22.7464	15.3734
Tb-165	2.5259	1.8643	5.6259	3.9626
Tc-101	3.1410	2.6775	4.3392	3.3336
Tc-102m	6.4593	4.3756	12.3318	7.7724
Tc-102	0.3138	0.2089	0.5324	0.3778
Tc-104	6.3623	4.9165	10.5224	6.6749
Tc-105	6.6665	5.3741	10.9641	8.0826
Tc-91	2.4182	1.8966	4.4621	3.1969
Tc-91m	1.9388	1.3067	3.1850	2.7403
Tc-92	12.1398	9.7360	19.5381	14.9490
Tc-93	6.9660	6.7908	14.3276	14.4351
Tc-93m	4.3663	4.0919	7.4678	6.7225
Tc-94	12.8882	10.1576	23.5441	23.2579
Tc-94m	4.4877	3.5505	7.5348	7.9540
Tc-95	7.8552	7.2301	14.7440	16.7122
Tc-95m	9.1837	8.3186	18.7224	17.6773
Tc-96	13.1014	10.4824	23.0920	24.2074
Tc-96m	2.8774	3.0122	5.1745	6.3906
Tc-97	4.9797	5.3660	9.3954	12.3894
Tc-97m	3.9378	4.1763	6.9892	8.7436
Tc-98	5.3050	3.2335	12.3834	7.3207
Tc-99	0.0001	0.0001	0.0001	0.0001

Nuclide	avg400	ctr400	mid400	cnr400
Tc-99m	3.6775	2.6671	4.3509	4.0044
Te-113	3.3244	2.4142	6.0919	4.9102
Te-114	12.5120	10.9668	19.3369	21.6308
Te-115	6.2388	4.8671	11.8309	9.8186
Te-115m	7.1876	5.5709	12.6731	11.4138
Te-116	11.9587	10.9346	18.6190	21.7150
Te-117	7.7229	6.4063	12.4856	13.3983
Te-118	6.4326	6.0199	8.9445	12.8193
Te-119	9.1361	7.7073	15.9714	16.4544
Te-119m	12.7060	10.5165	18.7691	21.0154
Te-121	9.3490	7.8736	14.7715	16.7680
Te-121m	7.3599	6.4443	13.0000	12.4335
Te-123	0.1544	0.2111	0.6311	0.7661
Te-123m	7.2111	6.2318	9.0581	11.9346
Te-125m	10.6999	10.0448	15.0165	21.4345
Te-127	0.0458	0.0386	0.0710	0.0471
Te-127m	3.3679	3.1983	4.9583	7.0009
Te-129	1.9052	1.7770	3.1012	3.9615
Te-129m	2.5691	2.3968	3.8290	5.2305
Te-131	4.7606	3.5840	6.0492	6.0291
Te-131m	7.8092	5.8827	13.5453	11.3951
Te-132	10.1400	8.6084	15.5681	16.2830
Te-133	4.7323	3.7619	7.5630	5.3352
Te-133m	8.1961	6.1257	13.4725	11.7238
Te-134	8.7834	7.1155	14.8521	12.0233
Th-223	4.9468	5.0323	12.2049	11.0069
Th-224	0.6260	0.5742	1.3106	1.1843
Th-226	0.7239	0.7688	1.8616	2.0847
Th-227	6.1525	6.3926	14.3063	16.6492
Th-228	0.7178	0.8469	1.8878	2.5161
Th-229	8.7353	9.4818	22.4963	24.3471
Th-230	5.1306	5.2415	5.3640	6.1889
Th-231	6.8192	7.6653	15.8735	21.0405
Th-232	1.8400	1.9712	2.1686	2.1534
Th-233	1.5517	1.6787	3.9603	4.4986
Th-234	1.2186	1.3075	2.8060	2.9697
Th-235	0.3436	0.2672	0.7271	0.4977
Th-236	0.9807	0.9382	2.4141	2.1836
Ti-44	8.6019	8.8290	11.4486	7.2305
Ti-45	0.0575	0.0749	0.2298	0.2670

Nuclide	avg400	ctr400	mid400	cnr400
Ti-51	2.8990	2.5392	3.8720	2.9069
Ti-52	5.1675	3.9971	8.5257	7.6185
Tl-190	5.1938	4.6683	9.6177	6.7954
Tl-190m	12.2461	9.9177	24.5153	16.5347
Tl-194	6.1637	5.7964	11.7392	9.0959
Tl-194m	17.0496	14.3659	35.7034	25.6146
Tl-195	9.2123	9.2608	19.7832	18.8958
Tl-196	9.1597	8.4572	17.3039	13.0281
Tl-197	7.6249	7.7935	14.6348	13.2081
Tl-198	10.0719	9.3563	19.4176	14.5774
Tl-198m	12.2696	11.2903	26.1091	21.0163
Tl-199	7.5541	7.8078	14.6837	13.3662
Tl-200	9.7434	9.2128	18.7181	14.7295
Tl-201	6.6904	7.3155	13.6750	13.5416
Tl-202	7.4284	7.3328	13.5704	11.5726
Tl-204	0.1102	0.1241	0.2366	0.2383
Tl-206m	15.4048	12.0440	28.3118	20.7735
Tl-206	0.0051	0.0055	0.0103	0.0098
Tl-207	0.0071	0.0046	0.0107	0.0105
Tl-208	5.9940	4.0344	11.7340	7.6992
Tl-209	9.3129	7.2767	16.8636	9.2116
Tl-210	9.3833	7.4493	17.7786	15.0278
Tm-161	19.7602	13.5995	31.0106	21.4174
Tm-162	8.2922	5.6245	15.4581	9.9365
Tm-163	15.1516	10.4251	25.5179	16.5945
Tm-164	4.6934	3.2200	7.9999	5.5705
Tm-165	12.2219	8.4283	18.9899	13.7226
Tm-166	12.3769	8.5754	22.5422	15.7947
Tm-167	8.5826	6.0310	15.3291	10.8313
Tm-168	13.7578	9.6122	25.5498	17.2192
Tm-170	0.4114	0.3748	0.9028	0.7700
Tm-171	0.0738	0.0574	0.1283	0.1029
Tm-172	2.1624	1.8861	4.5860	3.6665
Tm-173	3.4297	2.8588	5.4263	2.7844
Tm-174	13.8447	10.9812	22.0220	17.4504
Tm-175	5.6228	3.8198	9.3213	7.2312
Tm-176	9.9150	7.6838	18.7782	13.0458
U-227	4.8716	4.7973	11.5447	10.7302
U-228	0.8486	0.9574	2.1293	2.6651
U-230	0.9288	1.0891	2.3185	3.1875

Nuclide	avg400	ctr400	mid400	cnr400
U-231	11.8281	12.6215	29.0569	32.2677
U-232	0.8697	1.0246	2.2065	3.0600
U-233	0.4404	0.5219	1.1448	1.5786
U-234	0.7906	0.9325	2.0140	2.7966
U-235	5.9937	6.1545	6.4582	6.8761
U-235m	3.2296	3.3319	3.6779	3.8644
U-236	0.7150	0.8447	1.8265	2.5397
U-237	10.0916	9.7283	22.9109	20.5897
U-238	2.3239	2.4433	2.6677	3.2359
U-239	3.5437	3.6589	5.6221	5.2905
U-240	2.4373	2.7496	5.9357	7.6018
U-242	1.1175	0.9948	1.7532	1.3640
V-47	0.0301	0.0320	0.0871	0.0897
V-48	5.2743	3.6457	10.7347	8.5663
V-49	0.4081	0.5718	1.7542	2.1199
V-50	2.6040	2.3602	5.7174	3.9050
V-52	2.2735	1.7873	5.3111	2.6818
V-53	2.5511	1.6567	3.6544	3.7554
W-177	16.7938	14.1639	31.6912	24.0711
W-178	2.1828	2.2434	5.3230	5.4306
W-179	7.2938	6.9221	14.0117	14.1976
W-179m	4.0155	3.8244	7.7940	6.8422
W-181	4.4216	4.0332	8.2757	7.2910
W-185m	3.2140	3.8695	10.4235	11.8339
W-185	0.0033	0.0031	0.0057	0.0049
W-187	4.2330	3.4471	7.6527	5.5946
W-188	0.0401	0.0381	0.0751	0.0648
W-190	8.7145	8.3018	14.6979	13.5814
Xe-120	14.6613	13.2881	21.3318	26.5603
Xe-121	7.6554	6.5722	11.4316	12.4937
Xe-122	7.2507	6.7696	10.1714	14.0340
Xe-123	9.3804	8.1771	12.7893	15.9929
Xe-125	12.4098	11.0009	18.8101	21.6077
Xe-127	11.3764	10.0294	18.5818	18.9785
Xe-127m	8.3666	6.8136	11.7245	12.5233
Xe-129m	11.5400	10.7807	16.1718	22.6063
Xe-131m	4.8343	4.5651	6.9218	9.8275
Xe-133	5.7960	5.5749	8.2429	9.5405
Xe-133m	5.1405	4.8021	7.4185	10.1450
Xe-135	3.2861	2.6306	4.5591	4.1709

Nuclide	avg400	ctr400	mid400	cnr400
Xe-135m	3.3146	2.3940	5.3218	5.1137
Xe-137	0.9709	0.7063	1.4834	1.0022
Xe-138	3.8201	3.1463	6.4865	5.2999
Y-81	5.9753	5.5213	11.2283	11.0096
Y-83	5.0441	4.9235	9.5289	12.5780
Y-83m	3.6781	3.3722	6.2971	7.0207
Y-84m	8.5571	5.6335	14.8646	12.7860
Y-85	3.0559	2.5256	5.6535	6.7224
Y-85m	3.3517	3.0391	7.1843	7.6764
Y-86	10.3330	8.0619	21.4703	19.2901
Y-86m	3.3117	2.5997	8.1939	4.1183
Y-87	5.8749	5.6375	11.9205	15.5083
Y-87m	3.0444	2.8863	5.2023	4.3341
Y-88	7.9339	7.1720	15.6203	18.0537
Y-89m	2.5833	1.6386	3.7552	3.8103
Y-90	0.0005	0.0006	0.0012	0.0017
Y-90m	6.0252	4.4565	12.7584	7.4116
Y-91	0.0062	0.0040	0.0158	0.0100
Y-91m	2.7276	1.7544	5.5482	3.9572
Y-92	0.6742	0.4474	1.1190	0.9131
Y-93	0.3679	0.2829	0.5552	0.4488
Y-94	1.9855	1.2819	3.1158	2.7797
Y-95	1.3709	0.9376	2.4319	1.6840
Yb-162	9.5826	6.5497	15.6202	11.0148
Yb-163	7.1931	5.2532	12.7738	10.0767
Yb-164	5.4873	3.6260	8.6823	6.2017
Yb-165	12.6244	9.8544	22.9966	18.5467
Yb-166	10.0777	6.8674	16.0853	11.2809
Yb-167	18.1868	12.6888	33.4111	22.0064
Yb-169	20.3744	14.5797	33.9080	22.5292
Yb-175	0.6216	0.4941	1.0138	0.6178
Yb-177	2.1951	1.5788	3.2203	2.5791
Yb-178	0.3915	0.3469	0.6448	0.4328
Yb-179	5.8195	3.9671	12.0568	7.1701
Zn-60	3.8464	2.9637	7.3327	4.5231
Zn-61	1.1245	0.8102	2.0070	1.3496
Zn-62	5.0543	4.6133	11.6048	11.6924
Zn-63	0.5325	0.4152	1.3097	1.1212
Zn-65	2.6205	2.7367	8.3693	9.0935
Zn-69	0.0000	0.0000	0.0001	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Zn-69m	2.7224	2.1413	4.3700	2.7645
Zn-71	1.4412	0.9168	2.2927	1.7626
Zn-71m	8.2419	5.8225	14.9611	8.8513
Zn-72	6.0062	5.7100	13.5976	14.4411
Zr-85	2.7535	2.2049	4.6586	3.5358
Zr-86	12.2902	12.4877	23.9708	31.6256
Zr-87	0.9010	0.9469	2.0366	2.6993
Zr-88	6.8376	7.0680	13.4695	15.4591
Zr-89	5.7049	5.2028	10.8002	14.2027
Zr-89m	2.8815	1.9777	6.6898	4.4748
Zr-93	0.0000	0.0000	0.0000	0.0000
Zr-95	2.5893	1.5755	5.2782	3.6386
Zr-97	3.1546	2.0125	6.2719	4.4909