

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/> .”

## Contents of Appendix F

Table 1: Composite 1 Surface Contamination for 10x10x10 ft and 50x50x10 ft rooms .....	2
Table 2: Composite 1 Surface Contamination for 100x100x10 ft and 200x200x20 ft rooms .....	32
Table 3: Composite 1 Surface Contamination for 400x400x40 ft room.....	62
Table 4: Composite 1 - 1 cm Contamination Thickness for 10x10x10 ft and 50x50x10 ft rooms .....	92
Table 5: Composite 1 - 1 cm Contamination Thickness for 100x100x10 ft and 200x200x20 ft rooms ...	122
Table 6: Composite 1 - 1 cm Contamination Thickness for 400x400x40 ft room.....	152
Table 7: Composite 1 - 5 cm Contamination Thickness for 10x10x10 ft and 50x50x10 ft rooms .....	182
Table 8: Composite 1 - 5 cm Contamination Thickness for 100x100x10 ft and 200x200x20 ft rooms ...	212
Table 9: Composite 1 - 5 cm Contamination Thickness for 400x400x40 ft room.....	242
Table 10: Composite 1 - 15 cm Contamination Thickness for 10x10x10 ft and 50x50x10 ft rooms .....	272
Table 11: Composite 1 - 15 cm Contamination Thickness for 100x100x10 ft and 200x200x20 ft rooms	302
Table 12: Composite 1 - 15 cm Contamination Thickness for 400x400x40 ft room.....	332
Table 13: Composite 1 - Infinite Contamination Thickness for 10x10x10 ft and 50x50x10 ft rooms .....	362
Table 14: Composite 1 - Infinite Contamination Thickness for 100x100x10 ft and 200x200x20 ft rooms	392
Table 15: Composite 1 - Infinite Contamination Thickness for 400x400x40 ft room.....	422

# APPENDIX F

## Composite 1

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

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Ac-223	0.5007	0.3086	0.4542	0.5269	0.4084	0.3007	0.4831	0.5508
Ac-224	3.3093	2.2942	3.0483	3.4162	3.2641	2.7681	3.6279	3.8365
Ac-225	0.7206	0.4539	0.6562	0.7553	0.5982	0.4499	0.7021	0.7896
Ac-226	1.4203	0.9921	1.3094	1.4627	1.4255	1.2198	1.5771	1.6563
Ac-227	0.2021	0.1161	0.1817	0.2149	0.1463	0.0958	0.1806	0.2160
Ac-228	2.1484	1.4606	1.9705	2.2076	2.1708	1.8489	2.4045	2.5100
Ac-230	0.9775	0.6545	0.8946	1.0056	0.9712	0.8174	1.0808	1.1341
Ac-231	2.7313	1.9556	2.5250	2.7973	2.8955	2.5513	3.1583	3.2592
Ac-232	1.4670	0.9864	1.3422	1.5048	1.4977	1.2749	1.6544	1.7192
Ac-233	1.0590	0.7402	0.9733	1.0820	1.1652	1.0316	1.2642	1.2911
Ag-100m	1.7183	1.2356	1.5826	1.7323	2.0603	1.8922	2.1863	2.1498
Ag-101	1.6803	1.2253	1.5538	1.7004	1.9445	1.7778	2.0729	2.0611
Ag-102m	1.1994	0.8506	1.1022	1.2114	1.4023	1.2735	1.4943	1.4805
Ag-102	2.7221	1.9572	2.5079	2.7465	3.2287	2.9590	3.4320	3.3829
Ag-103	2.2165	1.6175	2.0517	2.2478	2.4886	2.2624	2.6636	2.6636
Ag-104	3.6920	2.6454	3.4019	3.7309	4.2885	3.9133	4.5765	4.5267
Ag-104m	1.5335	1.1001	1.4139	1.5504	1.7748	1.6172	1.8932	1.8772
Ag-105	2.4957	1.7981	2.3061	2.5316	2.7748	2.5126	2.9792	2.9863
Ag-105m	0.0749	0.0405	0.0667	0.0805	0.0510	0.0304	0.0647	0.0805
Ag-106	0.5872	0.4141	0.5411	0.5963	0.6334	0.5663	0.6838	0.6871
Ag-106m	4.5087	3.2447	4.1581	4.5577	5.2344	4.7784	5.5853	5.5330
Ag-108	0.0501	0.0356	0.0462	0.0508	0.0556	0.0502	0.0598	0.0598
Ag-108m	3.5261	2.5432	3.2564	3.5693	4.0557	3.6992	4.3353	4.3079
Ag-109m	0.5634	0.3879	0.5174	0.5752	0.5779	0.5052	0.6312	0.6449
Ag-110	0.0449	0.0326	0.0415	0.0454	0.0534	0.0490	0.0567	0.0560
Ag-110m	2.9473	2.1261	2.7159	2.9714	3.5451	3.2624	3.7629	3.6956
Ag-111	0.0851	0.0635	0.0790	0.0861	0.1002	0.0926	0.1067	0.1065
Ag-111m	0.3336	0.2235	0.3052	0.3425	0.3288	0.2800	0.3637	0.3787
Ag-112	0.6729	0.4864	0.6206	0.6787	0.8092	0.7443	0.8578	0.8445
Ag-113m	0.6967	0.5039	0.6438	0.7085	0.7850	0.7103	0.8443	0.8534
Ag-113	0.1875	0.1394	0.1739	0.1897	0.2210	0.2040	0.2350	0.2343
Ag-114	0.2828	0.2053	0.2610	0.2853	0.3393	0.3122	0.3598	0.3546
Ag-115	0.6732	0.4968	0.6231	0.6803	0.7972	0.7333	0.8462	0.8386
Ag-116	1.6701	1.2043	1.5384	1.6831	2.0073	1.8445	2.1281	2.0929
Ag-117	1.3591	0.9985	1.2565	1.3725	1.6093	1.4802	1.7081	1.6912
Ag-99	1.9144	1.3972	1.7685	1.9338	2.2578	2.0724	2.4009	2.3761
Al-26	0.9150	0.6466	0.8379	0.9192	1.1109	1.0143	1.1746	1.1509
Al-28	0.8892	0.6290	0.8144	0.8931	1.0815	0.9882	1.1431	1.1192
Al-29	0.9234	0.6568	0.8474	0.9286	1.1199	1.0295	1.1851	1.1605
Am-237	3.5147	2.4368	3.2363	3.6186	3.5092	2.9979	3.8873	4.0825

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Am-238	3.2922	2.2691	3.0268	3.3823	3.3323	2.8559	3.6801	3.8364
Am-239	4.6173	3.1420	4.2427	4.7736	4.4207	3.6889	4.9532	5.2785
Am-240	3.8090	2.5834	3.4944	3.9212	3.7652	3.1797	4.1866	4.3968
Am-241	1.0482	0.7947	0.9737	1.0634	1.2413	1.1616	1.2939	1.2883
Am-242	0.8767	0.5733	0.8018	0.9105	0.7850	0.6287	0.8965	0.9737
Am-242m	0.7075	0.4411	0.6431	0.7400	0.5868	0.4430	0.6872	0.7685
Am-243	1.3174	0.9313	1.2166	1.3535	1.3540	1.1803	1.4826	1.5356
Am-244	3.6163	2.4141	3.3109	3.7295	3.4987	2.9248	3.9141	4.1355
Am-244m	0.3530	0.2260	0.3219	0.3672	0.3087	0.2428	0.3552	0.3884
Am-245	0.4607	0.3184	0.4241	0.4747	0.4560	0.3880	0.5059	0.5325
Am-246	5.0826	3.4174	4.6596	5.2438	4.9127	4.1126	5.4916	5.8116
Am-246m	1.6877	1.1561	1.5470	1.7247	1.7873	1.5561	1.9544	2.0021
Am-247	1.5794	1.1057	1.4560	1.6238	1.5989	1.3786	1.7628	1.8421
Ar-37	0.0875	0.0459	0.0777	0.0944	0.0562	0.0310	0.0730	0.0931
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	0.9080	0.6461	0.8333	0.9132	1.1010	1.0122	1.1652	1.1412
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	1.1072	0.7924	1.0178	1.1144	1.3385	1.2282	1.4180	1.3902
Ar-44	1.7993	1.3207	1.6620	1.8152	2.1509	1.9772	2.2784	2.2503
As-68	2.1804	1.5597	2.0048	2.1968	2.6231	2.4029	2.7823	2.7338
As-69	0.4892	0.3320	0.4480	0.5052	0.4959	0.4210	0.5493	0.5812
As-70	2.9720	2.1056	2.7294	3.0036	3.5037	3.1807	3.7351	3.7020
As-71	2.3478	1.5054	2.1351	2.4569	2.1252	1.6792	2.4363	2.7031
As-72	1.0881	0.7442	0.9953	1.1109	1.1961	1.0539	1.3018	1.3251
As-73	3.2522	1.7406	2.8943	3.5001	2.1615	1.2503	2.7667	3.4766
As-74	1.2242	0.7847	1.1127	1.2733	1.1704	0.9515	1.3228	1.4333
As-76	0.5634	0.4101	0.5204	0.5688	0.6743	0.6208	0.7157	0.7062
As-77	0.0336	0.0249	0.0312	0.0342	0.0383	0.0348	0.0410	0.0413
As-78	1.2622	0.9111	1.1634	1.2727	1.5183	1.3967	1.6101	1.5840
As-79	0.0583	0.0428	0.0539	0.0589	0.0694	0.0640	0.0739	0.0731
At-204	4.8259	3.4133	4.4468	4.9266	5.3026	4.7144	5.7480	5.8521
At-205	2.9968	2.0626	2.7539	3.0843	3.0651	2.6327	3.3811	3.5319
At-206	4.9890	3.5379	4.5982	5.0902	5.4977	4.8953	5.9541	6.0527
At-207	4.3166	2.9933	3.9679	4.4276	4.5401	3.9502	4.9734	5.1401
At-208	6.2367	4.3762	5.7410	6.3787	6.7307	5.9295	7.3238	7.4996
At-209	6.0245	4.1932	5.5413	6.1786	6.3464	5.5349	6.9516	7.1761
At-210	5.1809	3.5852	4.7583	5.3096	5.4657	4.7492	5.9798	6.1751
At-211	0.9907	0.6577	0.9077	1.0316	0.9086	0.7354	1.0321	1.1233
At-215	0.0006	0.0004	0.0005	0.0006	0.0006	0.0006	0.0007	0.0007
At-216	0.0454	0.0309	0.0417	0.0471	0.0436	0.0363	0.0488	0.0523
At-217	0.0014	0.0010	0.0013	0.0015	0.0015	0.0013	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

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
At-220	1.7285	1.2645	1.6012	1.7599	1.9406	1.7517	2.0873	2.1136
Au-186	3.0476	2.1444	2.8053	3.1246	3.2571	2.8605	3.5504	3.6649
Au-187	3.0897	2.0368	2.8192	3.2052	2.9849	2.4649	3.3490	3.5942
Au-190	3.5687	2.4852	3.2782	3.6558	3.8262	3.3548	4.1684	4.2992
Au-191	3.6972	2.4887	3.3849	3.8288	3.6410	3.0544	4.0602	4.3281
Au-192	3.4108	2.3591	3.1302	3.4992	3.6146	3.1502	3.9506	4.0931
Au-193	2.6942	1.7859	2.4624	2.8032	2.5464	2.0874	2.8697	3.1071
Au-193m	1.9984	1.2997	1.8225	2.0849	1.8319	1.4654	2.0889	2.2933
Au-194	2.9312	2.0107	2.6884	3.0176	3.0260	2.6054	3.3305	3.4866
Au-195	2.7880	1.7628	2.5330	2.9253	2.4291	1.8784	2.8097	3.1431
Au-195m	2.0211	1.3152	1.8434	2.1083	1.8536	1.4839	2.1133	2.3192
Au-196	2.7580	1.9030	2.5332	2.8420	2.8332	2.4406	3.1235	3.2791
Au-196m	4.8071	3.0889	4.3779	5.0315	4.2762	3.3589	4.9173	5.4587
Au-198	0.9838	0.7218	0.9106	0.9967	1.1494	1.0522	1.2293	1.2269
Au-198m	5.6889	3.9249	5.2282	5.8808	5.7008	4.8494	6.3183	6.6987
Au-199	1.1844	0.8190	1.0892	1.2243	1.1810	1.0032	1.3105	1.3901
Au-200	0.3642	0.2637	0.3360	0.3684	0.4279	0.3914	0.4564	0.4542
Au-200m	5.2049	3.7668	4.8096	5.2974	5.8855	5.3133	6.3292	6.3928
Au-201	0.2110	0.1325	0.1915	0.2211	0.1862	0.1443	0.2152	0.2399
Au-202	0.2263	0.1637	0.2087	0.2288	0.2676	0.2449	0.2851	0.2825
Ba-124	1.7891	1.2651	1.6454	1.8206	1.9731	1.7647	2.1228	2.1443
Ba-126	2.0846	1.4814	1.9183	2.1179	2.3324	2.0972	2.5026	2.5164
Ba-127	1.0604	0.7481	0.9749	1.0801	1.1580	1.0324	1.2475	1.2634
Ba-128	1.1877	0.8208	1.0884	1.2113	1.2696	1.1197	1.3740	1.3988
Ba-129	1.2321	0.8571	1.1305	1.2572	1.3230	1.1685	1.4313	1.4580
Ba-129m	3.7759	2.6850	3.4754	3.8388	4.2415	3.8112	4.5578	4.5913
Ba-131	2.6590	1.9033	2.4506	2.7034	2.9667	2.6714	3.1838	3.2062
Ba-131m	1.4420	1.0159	1.3269	1.4774	1.5278	1.3438	1.6608	1.7114
Ba-133	3.0657	2.1832	2.8239	3.1207	3.3890	3.0431	3.6446	3.6853
Ba-133m	1.1941	0.7865	1.0880	1.2332	1.1718	0.9804	1.3031	1.3818
Ba-135m	0.9188	0.6333	0.8417	0.9387	0.9768	0.8575	1.0595	1.0841
Ba-137m	0.9120	0.6582	0.8417	0.9221	1.0787	0.9891	1.1476	1.1353
Ba-139	0.3487	0.2615	0.3240	0.3540	0.4002	0.3668	0.4266	0.4278
Ba-140	0.9461	0.6196	0.8621	0.9805	0.9164	0.7575	1.0278	1.1021
Ba-141	2.0070	1.4857	1.8593	2.0310	2.3603	2.1717	2.5098	2.4977
Ba-142	1.8109	1.3135	1.6710	1.8325	2.1157	1.9324	2.2530	2.2384
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.0968	0.0712	0.0895	0.0978	0.1153	0.1063	0.1226	0.1212
Bi-197	3.3696	2.2910	3.0879	3.4685	3.4476	2.9472	3.8064	3.9794
Bi-200	5.8913	4.1550	5.4253	6.0238	6.3924	5.6437	6.9473	7.1127
Bi-201	3.3811	2.3085	3.0997	3.4762	3.4901	2.9978	3.8429	4.0023
Bi-202	5.3360	3.7483	4.9095	5.4512	5.8257	5.1509	6.3235	6.4539
Bi-203	3.9485	2.7144	3.6216	4.0498	4.1583	3.6070	4.5554	4.7081

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Bi-204	5.4936	3.8323	5.0486	5.6176	5.9394	5.2232	6.4646	6.6197
Bi-205	3.2135	2.1794	2.9435	3.3081	3.2853	2.8035	3.6274	3.7950
Bi-206	6.3066	4.4082	5.7977	6.4483	6.8290	6.0190	7.4304	7.6008
Bi-207	3.4779	2.3925	3.1923	3.5710	3.6435	3.1531	3.9956	4.1421
Bi-208	2.2042	1.4575	2.0113	2.2734	2.2007	1.8435	2.4465	2.5823
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.1768	0.8525	1.0885	1.2016	1.2998	1.1647	1.4039	1.4341
Bi-211	0.1854	0.1332	0.1712	0.1893	0.2042	0.1827	0.2211	0.2262
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	0.3566	0.2196	0.3228	0.3737	0.3074	0.2337	0.3584	0.4012
Bi-213	0.3544	0.2551	0.3274	0.3610	0.3970	0.3569	0.4284	0.4336
Bi-214	1.2491	0.8953	1.1496	1.2598	1.4940	1.3678	1.5860	1.5631
Bi-215	0.9342	0.6649	0.8622	0.9563	1.0043	0.8879	1.0926	1.1242
Bi-216	1.4529	1.0582	1.3433	1.4717	1.6992	1.5534	1.8139	1.8067
Bk-245	3.5965	2.5026	3.3136	3.7026	3.5880	3.0703	3.9702	4.1658
Bk-246	3.6740	2.4907	3.3702	3.7833	3.6276	3.0706	4.0349	4.2377
Bk-247	1.5219	1.1025	1.4097	1.5573	1.6274	1.4459	1.7659	1.8111
Bk-248m	0.9103	0.6143	0.8353	0.9405	0.8686	0.7240	0.9733	1.0351
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	1.3796	0.9486	1.2643	1.4062	1.4930	1.3089	1.6226	1.6493
Bk-251	2.0383	1.3890	1.8727	2.1050	1.9674	1.6517	2.1972	2.3313
Br-72	1.8923	1.3395	1.7384	1.9149	2.2057	1.9985	2.3598	2.3452
Br-73	1.3321	0.9480	1.2281	1.3603	1.4586	1.2981	1.5789	1.6081
Br-74	2.1388	1.5137	1.9648	2.1639	2.4929	2.2542	2.6617	2.6499
Br-74m	2.6156	1.8565	2.4053	2.6468	3.0581	2.7744	3.2657	3.2470
Br-75	1.7270	1.2188	1.5913	1.7702	1.8417	1.6171	2.0114	2.0825
Br-76	2.3439	1.5891	2.1441	2.4004	2.4918	2.1567	2.7286	2.8151
Br-76m	2.5080	1.5763	2.2821	2.6255	2.0972	1.5833	2.4549	2.7481
Br-77	2.2201	1.3946	2.0170	2.3263	1.9187	1.4690	2.2322	2.4986
Br-77m	1.2319	0.7597	1.1195	1.2971	0.9707	0.6977	1.1612	1.3329
Br-78	0.2361	0.1543	0.2154	0.2447	0.2280	0.1875	0.2566	0.2750
Br-80	0.1645	0.1056	0.1498	0.1712	0.1529	0.1227	0.1740	0.1893
Br-80m	2.4192	1.4905	2.1964	2.5401	1.9466	1.4231	2.3100	2.6207
Br-82m	1.1228	0.6674	1.0162	1.1884	0.8244	0.5535	1.0115	1.1907
Br-82	3.0048	2.1742	2.7707	3.0304	3.6089	3.3239	3.8316	3.7668
Br-83	0.0122	0.0089	0.0113	0.0124	0.0144	0.0132	0.0154	0.0153
Br-84m	2.7863	2.0148	2.5673	2.8083	3.3486	3.0787	3.5555	3.4975
Br-84	0.9997	0.7136	0.9180	1.0055	1.2099	1.1101	1.2818	1.2548
Br-85	0.0664	0.0479	0.0612	0.0669	0.0800	0.0736	0.0849	0.0833
C-10	0.8990	0.6515	0.8296	0.9070	1.0800	0.9967	1.1476	1.1273
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	0.1562	0.0819	0.1387	0.1686	0.1004	0.0553	0.1303	0.1662

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	0.8016	0.5724	0.7363	0.8066	0.9702	0.8925	1.0275	1.0070
Ca-49	0.8612	0.6063	0.7870	0.8632	1.0508	0.9615	1.1085	1.0822
Cd-101	2.3561	1.7056	2.1744	2.3826	2.7202	2.4817	2.8989	2.8773
Cd-102	2.2150	1.5903	2.0440	2.2449	2.4890	2.2544	2.6681	2.6637
Cd-103	2.1068	1.4877	1.9369	2.1311	2.3837	2.1522	2.5517	2.5370
Cd-104	2.1925	1.5697	2.0248	2.2273	2.3931	2.1562	2.5736	2.5811
Cd-105	1.5294	1.0792	1.4065	1.5483	1.7150	1.5457	1.8390	1.8325
Cd-107	1.6363	1.1333	1.5040	1.6667	1.6977	1.4951	1.8471	1.8734
Cd-109	1.5375	1.0625	1.4128	1.5667	1.5899	1.3977	1.7314	1.7583
Cd-111m	1.9137	1.4120	1.7742	1.9423	2.1675	1.9739	2.3171	2.3227
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	0.0009	0.0012	0.0012
Cd-115	0.4066	0.2968	0.3759	0.4112	0.4781	0.4388	0.5088	0.5042
Cd-115m	0.0312	0.0224	0.0287	0.0314	0.0376	0.0345	0.0398	0.0391
Cd-117	1.3553	0.9884	1.2513	1.3682	1.6097	1.4796	1.7096	1.6912
Cd-117m	1.4833	1.0628	1.3637	1.4932	1.7909	1.6430	1.8970	1.8617
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	1.6011	1.1659	1.4773	1.6151	1.9110	1.7570	2.0273	2.0033
Cd-119m	1.7712	1.2709	1.6290	1.7836	2.1328	1.9566	2.2603	2.2199
Ce-130	2.6398	1.8866	2.4323	2.6873	2.9251	2.6259	3.1446	3.1774
Ce-131	2.7478	1.9450	2.5277	2.7974	3.0587	2.7363	3.2957	3.3332
Ce-132	2.4523	1.7740	2.2645	2.4959	2.7318	2.4619	2.9322	2.9621
Ce-133	2.4011	1.6992	2.2094	2.4484	2.6150	2.3321	2.8185	2.8589
Ce-133m	3.7537	2.6792	3.4556	3.8084	4.2707	3.8621	4.5704	4.5729
Ce-134	1.0374	0.7043	0.9481	1.0613	1.0847	0.9441	1.1812	1.2122
Ce-135	2.8015	2.0026	2.5811	2.8466	3.1592	2.8507	3.3886	3.4071
Ce-137	1.3141	0.8554	1.1948	1.3578	1.2781	1.0632	1.4241	1.5111
Ce-137m	0.9103	0.6234	0.8333	0.9316	0.9576	0.8356	1.0431	1.0711
Ce-139	2.0736	1.4851	1.9118	2.1141	2.2732	2.0333	2.4488	2.4863
Ce-141	0.7992	0.5945	0.7416	0.8124	0.9069	0.8277	0.9689	0.9737
Ce-143	1.5930	1.1342	1.4669	1.6211	1.7715	1.5922	1.9049	1.9230
Ce-144	0.2666	0.1942	0.2465	0.2716	0.2962	0.2674	0.3179	0.3212
Ce-145	2.4185	1.7101	2.2238	2.4582	2.7123	2.4392	2.9150	2.9271
Cf-244	0.2461	0.1559	0.2242	0.2565	0.2099	0.1624	0.2433	0.2684
Cf-246	0.1687	0.1069	0.1537	0.1758	0.1441	0.1115	0.1669	0.1840
Cf-247	3.1742	2.1059	2.9065	3.2908	2.9337	2.3958	3.3193	3.5749
Cf-248	0.2016	0.1278	0.1837	0.2101	0.1724	0.1336	0.1996	0.2200
Cf-249	1.4849	1.0423	1.3681	1.5200	1.5655	1.3718	1.7136	1.7674
Cf-250	0.1642	0.1051	0.1497	0.1708	0.1438	0.1132	0.1654	0.1808
Cf-251	2.2364	1.5370	2.0571	2.3066	2.1876	1.8505	2.4343	2.5714
Cf-252	0.6276	0.4436	0.5777	0.6383	0.6967	0.6219	0.7519	0.7595
Cf-253	0.5346	0.3354	0.4859	0.5579	0.4566	0.3522	0.5293	0.5858

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Cf-254	17.4367	12.7344	16.1021	17.5943	20.7999	19.1357	22.0653	21.7763
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0001	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0001
Cl-34m	1.0983	0.8056	1.0141	1.1077	1.3116	1.2061	1.3887	1.3708
Cl-36	0.0012	0.0006	0.0011	0.0013	0.0008	0.0004	0.0010	0.0013
Cl-38	0.6571	0.4644	0.6019	0.6599	0.7997	0.7310	0.8451	0.8269
Cl-39	1.3793	1.0024	1.2717	1.3905	1.6556	1.5219	1.7538	1.7283
Cl-40	1.7360	1.2313	1.5915	1.7440	2.1092	1.9322	2.2296	2.1819
Cm-238	1.8148	1.2552	1.6713	1.8712	1.7780	1.5077	1.9771	2.0861
Cm-239	3.3689	2.3937	3.1123	3.4583	3.4716	3.0236	3.8075	3.9551
Cm-240	0.2851	0.1800	0.2597	0.2975	0.2389	0.1823	0.2786	0.3091
Cm-241	4.3001	2.9132	3.9468	4.4401	4.1653	3.4898	4.6567	4.9398
Cm-242	0.2560	0.1616	0.2332	0.2671	0.2144	0.1637	0.2501	0.2776
Cm-243	2.3550	1.5794	2.1593	2.4404	2.2136	1.8223	2.4955	2.6818
Cm-244	0.2198	0.1388	0.2003	0.2294	0.1841	0.1405	0.2148	0.2384
Cm-245	2.4490	1.6740	2.2521	2.5304	2.3510	1.9677	2.6310	2.7977
Cm-246	0.1789	0.1133	0.1631	0.1866	0.1512	0.1161	0.1759	0.1946
Cm-247	0.8482	0.6247	0.7858	0.8594	0.9877	0.9044	1.0565	1.0552
Cm-248	1.5237	1.0965	1.4051	1.5432	1.7592	1.5968	1.8808	1.8759
Cm-249	0.3054	0.1689	0.2727	0.3268	0.2180	0.1377	0.2717	0.3319
Cm-250	13.7855	10.0640	12.7298	13.9113	16.4330	15.1134	17.4355	17.2113
Cm-251	0.4195	0.2936	0.3862	0.4295	0.4414	0.3860	0.4827	0.4974
Co-54m	2.7558	1.9879	2.5377	2.7769	3.3150	3.0451	3.5170	3.4610
Co-55	1.3559	0.9470	1.2431	1.3768	1.5489	1.3872	1.6659	1.6721
Co-56	2.7946	1.9003	2.5514	2.8484	3.0966	2.7264	3.3587	3.4120
Co-57	2.4530	1.5907	2.2359	2.5661	2.2094	1.7521	2.5313	2.8032
Co-58	1.4344	0.9304	1.3035	1.4835	1.4297	1.1934	1.6007	1.6974
Co-58m	0.6258	0.3284	0.5556	0.6754	0.4026	0.2218	0.5224	0.6659
Co-60	1.8443	1.3137	1.6930	1.8552	2.2346	2.0523	2.3654	2.3172
Co-60m	0.7102	0.3778	0.6315	0.7650	0.4691	0.2685	0.6021	0.7594
Co-61	0.9941	0.7338	0.9216	1.0126	1.1206	1.0205	1.1963	1.2014
Co-62	1.0685	0.7608	0.9808	1.0746	1.2949	1.1879	1.3704	1.3421
Co-62m	1.8993	1.3531	1.7434	1.9104	2.3011	2.1110	2.4357	2.3860
Cr-48	2.5074	1.8254	2.3204	2.5636	2.7574	2.4733	2.9803	3.0568
Cr-49	1.1447	0.8700	1.0667	1.1633	1.3198	1.2170	1.4029	1.4045
Cr-51	0.4554	0.2615	0.4084	0.4847	0.3472	0.2361	0.4227	0.5040
Cr-55	0.0004	0.0003	0.0004	0.0004	0.0005	0.0004	0.0005	0.0005
Cr-56	1.8678	1.3293	1.7235	1.9136	1.9912	1.7652	2.1591	2.2138
Cs-121	0.8850	0.6506	0.8192	0.8972	1.0194	0.9317	1.0870	1.0858
Cs-121m	1.6565	1.2162	1.5331	1.6803	1.9011	1.7343	2.0293	2.0309
Cs-123	1.4083	1.0151	1.2994	1.4293	1.5926	1.4440	1.7035	1.7058
Cs-124	0.4421	0.3210	0.4081	0.4474	0.5143	0.4705	0.5487	0.5469
Cs-125	1.2369	0.8778	1.1381	1.2557	1.3854	1.2478	1.4860	1.4903

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Cs-126	0.7616	0.5507	0.7028	0.7712	0.8810	0.8032	0.9415	0.9384
Cs-127	1.9789	1.4110	1.8226	2.0097	2.2145	1.9961	2.3772	2.3874
Cs-128	0.6309	0.4479	0.5805	0.6402	0.7100	0.6401	0.7617	0.7633
Cs-129	2.0480	1.4404	1.8820	2.0823	2.2523	2.0149	2.4250	2.4448
Cs-130m	1.8734	1.2968	1.7188	1.9184	1.9712	1.7268	2.1429	2.2028
Cs-130	0.6122	0.4221	0.5608	0.6235	0.6569	0.5807	0.7099	0.7191
Cs-131	0.9977	0.6836	0.9131	1.0172	1.0568	0.9292	1.1449	1.1638
Cs-132	1.9236	1.3573	1.7686	1.9518	2.1693	1.9555	2.3253	2.3259
Cs-134	2.0232	1.4682	1.8674	2.0416	2.4264	2.2379	2.5780	2.5356
Cs-134m	0.8871	0.5698	0.8060	0.9228	0.8235	0.6651	0.9319	1.0126
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	1.8090	1.3027	1.6656	1.8235	2.1707	2.0017	2.3099	2.2631
Cs-136	2.8957	2.1051	2.6717	2.9237	3.4420	3.1639	3.6586	3.6121
Cs-137	1.1183	0.8102	1.0324	1.1252	1.3409	1.2303	1.4095	1.3873
Cs-138m	1.2136	0.8521	1.1147	1.2358	1.3359	1.1901	1.4402	1.4588
Cs-138	1.8240	1.3102	1.6780	1.8369	2.1975	2.0161	2.3287	2.2885
Cs-139	0.1845	0.1315	0.1694	0.1856	0.2234	0.2051	0.2365	0.2318
Cs-140	1.2234	0.8785	1.1259	1.2322	1.4762	1.3553	1.5635	1.5359
Cu-57	0.0959	0.0683	0.0881	0.0966	0.1154	0.1056	0.1223	0.1201
Cu-59	0.4771	0.3424	0.4392	0.4820	0.5645	0.5162	0.6015	0.5959
Cu-60	1.8721	1.3199	1.7158	1.8874	2.2311	2.0311	2.3719	2.3397
Cu-61	0.6958	0.4422	0.6316	0.7263	0.6441	0.5141	0.7345	0.8071
Cu-62	0.0243	0.0138	0.0217	0.0258	0.0187	0.0127	0.0227	0.0269
Cu-64	0.3788	0.1996	0.3365	0.4086	0.2461	0.1374	0.3181	0.4039
Cu-66	0.0903	0.0647	0.0830	0.0910	0.1092	0.0999	0.1156	0.1134
Cu-67	1.0059	0.7295	0.9307	1.0311	1.0878	0.9666	1.1796	1.2163
Cu-69	0.5392	0.3882	0.4964	0.5433	0.6495	0.5963	0.6889	0.6763
Dy-148	2.0308	1.4167	1.8654	2.0740	2.2239	1.9721	2.4055	2.4504
Dy-149	3.1782	2.2234	2.9176	3.2413	3.4996	3.1102	3.7799	3.8384
Dy-150	1.3483	0.9481	1.2398	1.3774	1.4694	1.3035	1.5933	1.6276
Dy-151	3.0553	2.1093	2.8005	3.1257	3.2956	2.8937	3.5841	3.6769
Dy-152	2.1478	1.5250	1.9785	2.1961	2.3324	2.0690	2.5244	2.5850
Dy-153	4.0383	2.8192	3.7092	4.1338	4.3321	3.8148	4.7044	4.8301
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	2.6634	1.8843	2.4510	2.7203	2.9109	2.5863	3.1463	3.2096
Dy-157	2.2032	1.5538	2.0270	2.2524	2.3901	2.1228	2.5904	2.6569
Dy-159	1.4122	0.9480	1.2899	1.4556	1.4230	1.2124	1.5693	1.6471
Dy-165m	0.5161	0.3049	0.4643	0.5465	0.4134	0.2954	0.4930	0.5738
Dy-165	0.2193	0.1528	0.2015	0.2251	0.2313	0.2023	0.2520	0.2610
Dy-166	1.1608	0.7655	1.0586	1.2046	1.1190	0.9276	1.2510	1.3437
Dy-167	1.6951	1.2201	1.5646	1.7264	1.9064	1.7173	2.0491	2.0755
Dy-168	1.7494	1.2367	1.6106	1.7898	1.8991	1.6815	2.0592	2.1123
Er-154	1.8217	1.1947	1.6592	1.8855	1.7625	1.4655	1.9664	2.0972



<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Er-156	2.5103	1.5736	2.2735	2.6247	2.2492	1.7672	2.5757	2.8494
Er-159	2.5212	1.7559	2.3150	2.5792	2.7288	2.4056	2.9599	3.0352
Er-161	2.7306	1.8779	2.5016	2.7982	2.9093	2.5432	3.1720	3.2685
Er-163	1.2078	0.8061	1.1025	1.2479	1.1986	1.0117	1.3268	1.4054
Er-165	1.1760	0.7827	1.0731	1.2158	1.1615	0.9775	1.2877	1.3668
Er-167m	0.9291	0.6417	0.8530	0.9581	0.9508	0.8163	1.0468	1.1024
Er-169	0.0180	0.0095	0.0160	0.0195	0.0116	0.0064	0.0151	0.0192
Er-171	2.2354	1.5943	2.0613	2.2882	2.4231	2.1529	2.6267	2.7053
Er-172	2.0382	1.4213	1.8726	2.0879	2.1896	1.9256	2.3807	2.4519
Er-173	3.3458	2.4023	3.0872	3.4182	3.6777	3.2831	3.9708	4.0536
Es-249	2.9491	2.0602	2.7166	3.0275	3.0202	2.6170	3.3217	3.4522
Es-250	9.5210	6.4408	8.7335	9.8172	9.2785	7.8147	10.3452	10.9214
Es-250m	2.6569	1.8378	2.4435	2.7288	2.6958	2.3199	2.9707	3.0923
Es-251	2.7532	1.8486	2.5249	2.8495	2.5917	2.1425	2.9159	3.1197
Es-253	0.0663	0.0416	0.0603	0.0692	0.0562	0.0431	0.0653	0.0725
Es-254	2.4457	1.5028	2.2178	2.5653	1.9983	1.4844	2.3541	2.6585
Es-254m	1.4166	0.9643	1.2992	1.4526	1.4592	1.2592	1.6051	1.6608
Es-255	0.0007	0.0005	0.0007	0.0007	0.0008	0.0008	0.0009	0.0009
Es-256	0.3140	0.2009	0.2861	0.3262	0.2784	0.2212	0.3186	0.3464
Eu-142	0.2612	0.1839	0.2397	0.2645	0.3015	0.2728	0.3228	0.3211
Eu-142m	3.4437	2.4295	3.1640	3.4945	3.9600	3.5695	4.2500	4.2515
Eu-143	0.5520	0.3835	0.5058	0.5618	0.6125	0.5448	0.6606	0.6665
Eu-144	0.2447	0.1691	0.2240	0.2489	0.2722	0.2418	0.2935	0.2958
Eu-145	2.1540	1.5031	1.9756	2.1908	2.4089	2.1518	2.5959	2.6113
Eu-146	3.4982	2.4816	3.2176	3.5468	4.0310	3.6519	4.3165	4.3023
Eu-147	2.3456	1.6546	2.1574	2.3944	2.5607	2.2778	2.7697	2.8141
Eu-148	4.0613	2.9017	3.7414	4.1190	4.6832	4.2475	5.0110	5.0021
Eu-149	1.3787	0.9099	1.2566	1.4244	1.3592	1.1412	1.5128	1.5989
Eu-150	3.8780	2.7895	3.5767	3.9368	4.4398	4.0294	4.7596	4.7727
Eu-150m	0.1915	0.1345	0.1760	0.1954	0.2097	0.1867	0.2270	0.2308
Eu-152	2.6318	1.8693	2.4216	2.6769	2.9569	2.6571	3.1803	3.2026
Eu-152m	0.7396	0.5199	0.6794	0.7531	0.8215	0.7340	0.8863	0.8943
Eu-152n	1.6150	1.0886	1.4789	1.6759	1.5727	1.3157	1.7562	1.8821
Eu-154	2.0716	1.4877	1.9091	2.1027	2.3756	2.1519	2.5429	2.5454
Eu-154m	2.0020	1.3035	1.8232	2.0844	1.8767	1.5268	2.1201	2.3025
Eu-155	1.0114	0.7273	0.9343	1.0360	1.0906	0.9704	1.1806	1.2113
Eu-156	1.2282	0.8648	1.1274	1.2454	1.4129	1.2734	1.5134	1.5128
Eu-157	1.9493	1.3332	1.7859	2.0044	2.0224	1.7481	2.2196	2.3106
Eu-158	1.6897	1.1808	1.5499	1.7184	1.9064	1.7030	2.0525	2.0668
Eu-159	2.1449	1.4998	1.9711	2.1963	2.2917	2.0194	2.4887	2.5523
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	1.4057	1.0204	1.3006	1.4405	1.5215	1.3516	1.6504	1.7021

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Fe-53	0.4346	0.3192	0.4023	0.4404	0.5075	0.4649	0.5427	0.5431
Fe-53m	2.6481	1.8992	2.4360	2.6670	3.1963	2.9358	3.3878	3.3238
Fe-55	0.5189	0.2723	0.4607	0.5601	0.3337	0.1837	0.4330	0.5521
Fe-59	0.9816	0.7027	0.9021	0.9880	1.1862	1.0891	1.2561	1.2320
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	1.3335	0.9649	1.2284	1.3439	1.6026	1.4724	1.6982	1.6721
Fe-62	0.9185	0.6739	0.8495	0.9279	1.0957	1.0097	1.1637	1.1502
Fm-251	2.3689	1.5991	2.1721	2.4502	2.2786	1.9030	2.5500	2.7180
Fm-252	0.1685	0.1077	0.1536	0.1752	0.1475	0.1162	0.1694	0.1850
Fm-253	2.4032	1.5807	2.1974	2.4926	2.2057	1.7924	2.5002	2.6979
Fm-254	0.1772	0.1138	0.1616	0.1840	0.1573	0.1251	0.1800	0.1956
Fm-255	1.9055	1.1951	1.7328	1.9900	1.6093	1.2320	1.8727	2.0798
Fm-256	12.9962	9.4892	12.0015	13.1149	15.4898	14.2468	16.4356	16.2241
Fm-257	2.5978	1.7639	2.3851	2.6818	2.5098	2.1067	2.8020	2.9699
Fr-212	3.3968	2.3244	3.1191	3.4999	3.4128	2.9026	3.7816	3.9742
Fr-219	0.0139	0.0100	0.0129	0.0142	0.0153	0.0136	0.0165	0.0169
Fr-220	0.3892	0.2476	0.3547	0.4077	0.3306	0.2527	0.3852	0.4309
Fr-221	0.2292	0.1644	0.2120	0.2351	0.2426	0.2133	0.2646	0.2735
Fr-222	1.7700	1.2157	1.6282	1.8275	1.7291	1.4553	1.9286	2.0447
Fr-223	1.4966	0.9989	1.3711	1.5498	1.4064	1.1576	1.5823	1.6962
Fr-224	1.5838	1.1154	1.4595	1.6224	1.6691	1.4590	1.8248	1.8826
Fr-227	2.5744	1.8208	2.3761	2.6421	2.6851	2.3444	2.9396	3.0444
Ga-64	1.3556	0.9605	1.2433	1.3652	1.6265	1.4838	1.7262	1.6967
Ga-65	1.6716	1.1339	1.5313	1.7318	1.6533	1.3919	1.8409	1.9651
Ga-66	1.3791	0.8849	1.2499	1.4240	1.3817	1.1451	1.5404	1.6337
Ga-67	2.4902	1.5369	2.2538	2.6248	2.1111	1.5876	2.4721	2.8195
Ga-68	0.1608	0.0908	0.1439	0.1711	0.1226	0.0825	0.1494	0.1776
Ga-70	0.0148	0.0098	0.0135	0.0153	0.0148	0.0124	0.0165	0.0175
Ga-72	2.0249	1.4506	1.8624	2.0395	2.4400	2.2417	2.5894	2.5393
Ga-73	2.8193	1.7371	2.5503	2.9652	2.4272	1.8434	2.8315	3.2098
Ga-74	2.2431	1.6126	2.0652	2.2597	2.7046	2.4838	2.8651	2.8160
Gd-142	1.2228	0.8673	1.1252	1.2449	1.3661	1.2247	1.4704	1.4851
Gd-143m	3.1000	2.2130	2.8551	3.1519	3.5020	3.1548	3.7612	3.7862
Gd-144	0.9085	0.6274	0.8325	0.9279	0.9838	0.8675	1.0672	1.0882
Gd-145m	1.3469	0.9064	1.2307	1.3842	1.4090	1.2146	1.5510	1.6122
Gd-145	1.8122	1.2609	1.6594	1.8383	2.0594	1.8430	2.2095	2.2132
Gd-146	4.1026	2.9170	3.7800	4.1959	4.4252	3.9291	4.7931	4.8992
Gd-147	3.6899	2.6425	3.4006	3.7513	4.1747	3.7658	4.4837	4.5097
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	2.9364	2.0931	2.7057	2.9958	3.2317	2.8904	3.4893	3.5461
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	1.6378	1.0818	1.4932	1.6944	1.6021	1.3392	1.7865	1.8982
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Gd-153	2.2937	1.6038	2.1078	2.3503	2.4301	2.1358	2.6447	2.7185
Gd-159	0.4171	0.2905	0.3830	0.4271	0.4451	0.3915	0.4841	0.4983
Gd-162	1.1444	0.8137	1.0544	1.1669	1.2772	1.1422	1.3820	1.4048
Ge-66	2.9445	1.8810	2.6749	3.0744	2.7071	2.1600	3.0893	3.3983
Ge-67	1.3685	1.0096	1.2682	1.3928	1.5531	1.4088	1.6648	1.6818
Ge-68	1.2743	0.6696	1.1316	1.3752	0.8207	0.4530	1.0644	1.3559
Ge-69	1.6758	1.0123	1.5102	1.7598	1.4607	1.1065	1.7005	1.9128
Ge-71	1.2924	0.6791	1.1478	1.3948	0.8324	0.4595	1.0796	1.3753
Ge-75	0.1403	0.1054	0.1304	0.1422	0.1642	0.1511	0.1747	0.1746
Ge-77	2.3835	1.7658	2.2091	2.4136	2.7994	2.5711	2.9797	2.9686
Ge-78	1.0377	0.7801	0.9645	1.0510	1.2205	1.1267	1.2973	1.2962
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	1.5879	1.1070	1.4593	1.6314	1.6703	1.4593	1.8253	1.9016
Hf-169	2.3203	1.6001	2.1284	2.3840	2.4364	2.1171	2.6652	2.7693
Hf-170	3.5336	2.3813	3.2328	3.6561	3.5133	2.9635	3.9001	4.1479
Hf-172	3.4428	2.2082	3.1292	3.5928	3.1505	2.5214	3.5817	3.9295
Hf-173	3.7724	2.6679	3.4751	3.8740	3.9887	3.5015	4.3460	4.5087
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	2.5299	1.7376	2.3200	2.6054	2.6088	2.2507	2.8675	3.0077
Hf-177m	12.6890	9.0115	11.6958	13.0059	13.6460	12.0505	14.8373	15.3260
Hf-178m	8.8361	6.2766	8.1442	9.0459	9.6051	8.5106	10.4257	10.7188
Hf-179m	5.6056	3.8918	5.1501	5.7697	5.8293	5.0487	6.3990	6.6923
Hf-180m	4.6364	3.2886	4.2719	4.7479	5.0168	4.4395	5.4493	5.6113
Hf-181	2.2930	1.6149	2.1107	2.3519	2.4524	2.1557	2.6727	2.7619
Hf-182	1.2441	0.9047	1.1507	1.2698	1.3828	1.2421	1.4899	1.5195
Hf-182m	4.2249	2.9276	3.8795	4.3448	4.4182	3.8340	4.8426	5.0487
Hf-183	1.8826	1.3449	1.7351	1.9185	2.1093	1.8976	2.2715	2.2940
Hf-184	3.5175	2.1960	3.1874	3.6953	3.0594	2.3491	3.5501	3.9976
Hg-190	3.5955	2.4077	3.2919	3.7379	3.4190	2.8186	3.8461	4.1550
Hg-191m	5.0290	3.4326	4.6108	5.1857	5.1331	4.3860	5.6701	5.9618
Hg-192	3.6185	2.3963	3.3075	3.7653	3.4097	2.7889	3.8491	4.1755
Hg-193	3.4555	2.2922	3.1571	3.5848	3.3359	2.7599	3.7428	4.0159
Hg-193m	2.9782	2.0247	2.7287	3.0699	3.0404	2.5969	3.3590	3.5261
Hg-194	0.7271	0.3985	0.6498	0.7798	0.4899	0.2914	0.6230	0.7729
Hg-195	2.6216	1.6671	2.3839	2.7458	2.3148	1.8070	2.6673	2.9643
Hg-195m	3.2023	1.9686	2.8999	3.3727	2.6682	1.9850	3.1380	3.5750
Hg-197	2.4769	1.5704	2.2522	2.5986	2.1569	1.6696	2.4947	2.7889
Hg-197m	2.2930	1.4562	2.0855	2.4053	1.9945	1.5416	2.3100	2.5861
Hg-199m	2.5537	1.7085	2.3382	2.6543	2.4258	1.9974	2.7317	2.9522
Hg-203	1.1486	0.8343	1.0628	1.1726	1.2710	1.1403	1.3718	1.4007
Hg-205	0.0420	0.0302	0.0388	0.0431	0.0448	0.0396	0.0488	0.0504
Hg-206	0.5675	0.4049	0.5238	0.5811	0.6129	0.5437	0.6662	0.6867
Hg-207	2.8657	2.0367	2.6359	2.9067	3.2911	2.9660	3.5273	3.5370

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Ho-150	1.4629	1.0458	1.3466	1.4803	1.7131	1.5640	1.8304	1.8136
Ho-153	2.0950	1.4939	1.9303	2.1362	2.3253	2.0839	2.5060	2.5473
Ho-153m	2.5297	1.7975	2.3304	2.5852	2.7643	2.4590	2.9904	3.0567
Ho-154m	4.5953	3.3312	4.2434	4.6610	5.3118	4.8404	5.6834	5.6914
Ho-154	2.4124	1.7403	2.2254	2.4476	2.7782	2.5258	2.9734	2.9827
Ho-155	2.3689	1.6308	2.1721	2.4347	2.4682	2.1390	2.7029	2.8133
Ho-156	3.6141	2.5891	3.3313	3.6794	4.0572	3.6472	4.3609	4.4098
Ho-157	3.5203	2.4449	3.2320	3.6114	3.7171	3.2494	4.0532	4.1937
Ho-159	3.8868	2.7318	3.5753	3.9854	4.1274	3.6281	4.4894	4.6345
Ho-160	3.8316	2.6730	3.5173	3.9117	4.2075	3.7299	4.5537	4.6355
Ho-161	1.9881	1.3143	1.8129	2.0554	1.9441	1.6281	2.1630	2.2964
Ho-162	1.5999	1.0653	1.4602	1.6537	1.5851	1.3354	1.7577	1.8629
Ho-162m	2.8456	1.9016	2.5985	2.9404	2.8422	2.3981	3.1522	3.3401
Ho-163	0.0208	0.0109	0.0185	0.0225	0.0134	0.0074	0.0174	0.0222
Ho-164	0.9194	0.6093	0.8386	0.9516	0.9009	0.7543	1.0019	1.0667
Ho-164m	2.0715	1.2862	1.8741	2.1711	1.8214	1.4107	2.0989	2.3427
Ho-166	0.3926	0.2489	0.3564	0.4110	0.3533	0.2787	0.4043	0.4481
Ho-166m	3.9874	2.8476	3.6752	4.0650	4.4555	3.9966	4.8049	4.8726
Ho-167	1.5290	1.0999	1.4114	1.5597	1.7013	1.5289	1.8352	1.8716
Ho-168	1.5371	1.0694	1.4104	1.5696	1.6919	1.5006	1.8355	1.8683
Ho-168m	0.4960	0.2878	0.4452	0.5264	0.3864	0.2690	0.4649	0.5470
Ho-170	3.6516	2.5739	3.3575	3.7268	4.0341	3.5866	4.3602	4.4386
I-118m	3.9956	2.8953	3.6879	4.0347	4.7597	4.3734	5.0548	4.9897
I-118	1.3733	0.9930	1.2670	1.3866	1.6352	1.5014	1.7365	1.7142
I-119	1.6786	1.2248	1.5522	1.7025	1.9138	1.7413	2.0443	2.0455
I-120	1.7921	1.2812	1.6491	1.8092	2.1128	1.9289	2.2464	2.2196
I-120m	3.5159	2.5395	3.2432	3.5507	4.1764	3.8307	4.4364	4.3816
I-121	2.0984	1.5206	1.9384	2.1305	2.3559	2.1333	2.5224	2.5303
I-122	0.4359	0.3086	0.4010	0.4420	0.4919	0.4442	0.5271	0.5263
I-123	2.1818	1.5819	2.0159	2.2168	2.4279	2.1952	2.6029	2.6161
I-124	1.6761	1.1859	1.5414	1.6981	1.9057	1.7227	2.0390	2.0320
I-125	1.9747	1.3609	1.8093	2.0101	2.1014	1.8574	2.2738	2.2988
I-126	1.2420	0.8877	1.1444	1.2589	1.4128	1.2812	1.5132	1.5103
I-128	0.2048	0.1475	0.1889	0.2075	0.2347	0.2134	0.2511	0.2503
I-129	1.0260	0.7072	0.9397	1.0449	1.0973	0.9700	1.1859	1.2004
I-130m	0.4789	0.3223	0.4376	0.4916	0.4944	0.4253	0.5429	0.5636
I-130	3.0588	2.2280	2.8257	3.0881	3.6613	3.3749	3.8895	3.8337
I-131	1.2188	0.9029	1.1283	1.2343	1.4480	1.3306	1.5269	1.5249
I-132	2.7020	1.9572	2.4927	2.7258	3.2441	2.9896	3.4450	3.3873
I-132m	1.2104	0.8302	1.1094	1.2398	1.2764	1.1132	1.3945	1.4362
I-133	0.9679	0.7073	0.8946	0.9775	1.1563	1.0650	1.2277	1.2121
I-134m	2.0471	1.4689	1.8875	2.0787	2.2889	2.0670	2.4533	2.4642
I-134	2.8247	2.0401	2.6024	2.8475	3.3929	3.1216	3.6030	3.5382

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
I-135	1.2428	0.8906	1.1425	1.2511	1.5003	1.3772	1.5893	1.5601
In-103	2.1905	1.5999	2.0234	2.2123	2.5910	2.3797	2.7527	2.7210
In-105	2.1292	1.5590	1.9693	2.1543	2.4742	2.2668	2.6344	2.6151
In-106	3.4501	2.4904	3.1810	3.4817	4.1109	3.7720	4.3674	4.3022
In-106m	1.5773	1.1325	1.4527	1.5907	1.8828	1.7254	1.9978	1.9681
In-107	2.1386	1.5447	1.9737	2.1651	2.4452	2.2244	2.6121	2.6015
In-108	4.8576	3.4965	4.4772	4.9062	5.7090	5.2201	6.0766	6.0053
In-108m	1.8732	1.3337	1.7233	1.8917	2.1841	1.9879	2.3261	2.3010
In-109	2.4158	1.7506	2.2327	2.4503	2.7147	2.4624	2.9071	2.9078
In-109m	0.9080	0.6583	0.8388	0.9174	1.0798	0.9927	1.1473	1.1328
In-110	4.5838	3.2812	4.2224	4.6317	5.3515	4.8844	5.7064	5.6395
In-110m	1.4133	1.0114	1.3029	1.4295	1.6366	1.4916	1.7464	1.7313
In-111	3.2344	2.3811	2.9978	3.2826	3.6457	3.3180	3.8994	3.9077
In-111m	0.9235	0.6713	0.8532	0.9338	1.0858	0.9958	1.1557	1.1447
In-112	0.4129	0.2878	0.3796	0.4198	0.4408	0.3919	0.4769	0.4802
In-112m	0.9417	0.6626	0.8666	0.9576	1.0098	0.9003	1.0911	1.0994
In-113m	0.9676	0.7005	0.8938	0.9803	1.1031	1.0041	1.1822	1.1802
In-114	0.0070	0.0049	0.0065	0.0071	0.0077	0.0069	0.0083	0.0083
In-114m	0.7703	0.5433	0.7091	0.7842	0.8306	0.7400	0.8979	0.9078
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	0.9305	0.6689	0.8588	0.9440	1.0402	0.9429	1.1169	1.1208
In-116m	2.0122	1.4439	1.8504	2.0259	2.4274	2.2299	2.5724	2.5255
In-117	2.0827	1.5554	1.9336	2.1086	2.4448	2.2532	2.5980	2.5831
In-117m	0.6691	0.4881	0.6190	0.6789	0.7522	0.6844	0.8057	0.8083
In-118m	2.5216	1.8102	2.3199	2.5397	3.0424	2.7952	3.2241	3.1643
In-118	0.0617	0.0441	0.0567	0.0621	0.0747	0.0687	0.0791	0.0775
In-119	1.1974	0.8438	1.1004	1.2146	1.3637	1.2326	1.4668	1.4634
In-119m	0.2070	0.1412	0.1895	0.2116	0.2174	0.1896	0.2374	0.2434
In-121	1.0293	0.7426	0.9480	1.0374	1.2373	1.1364	1.3132	1.2892
In-121m	0.7446	0.5291	0.6855	0.7555	0.8203	0.7393	0.8798	0.8787
Ir-180	3.3781	2.3366	3.1016	3.4733	3.5371	3.0674	3.8799	4.0397
Ir-182	3.3771	2.3262	3.0992	3.4786	3.4847	2.9999	3.8358	4.0181
Ir-183	3.9254	2.6061	3.5839	4.0683	3.8415	3.1982	4.2931	4.5900
Ir-184	5.0145	3.4418	4.5978	5.1598	5.2101	4.4909	5.7270	5.9801
Ir-185	4.2537	2.7170	3.8650	4.4440	3.8757	3.0771	4.4259	4.8729
Ir-186	4.8278	3.3258	4.4296	4.9666	5.0284	4.3474	5.5230	5.7636
Ir-186m	2.8609	1.9447	2.6193	2.9465	2.9480	2.5277	3.2486	3.3992
Ir-187	2.8940	1.8578	2.6318	3.0225	2.6484	2.1130	3.0191	3.3160
Ir-188	3.5562	2.4122	3.2536	3.6600	3.6771	3.1517	4.0462	4.2291
Ir-189	2.2932	1.4350	2.0792	2.4086	1.9884	1.5272	2.3044	2.5877
Ir-190	5.0397	3.5248	4.6347	5.1688	5.3877	4.7237	5.8776	6.0717
Ir-190m	0.7141	0.3785	0.6350	0.7698	0.4641	0.2602	0.5996	0.7597
Ir-190n	1.7663	1.1262	1.6052	1.8490	1.5795	1.2434	1.8111	2.0060

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Ir-191m	2.3285	1.4546	2.1118	2.4485	1.9915	1.5155	2.3194	2.6186
Ir-192	2.4650	1.8032	2.2812	2.5046	2.8272	2.5770	3.0292	3.0549
Ir-192m	0.8065	0.4366	0.7194	0.8665	0.5359	0.3119	0.6857	0.8574
Ir-192n	1.6828	0.9134	1.5015	1.8074	1.1229	0.6574	1.4341	1.7900
Ir-193m	0.7113	0.3789	0.6329	0.7661	0.4657	0.2641	0.5997	0.7573
Ir-194	0.2207	0.1619	0.2043	0.2239	0.2559	0.2342	0.2735	0.2747
Ir-194m	5.1466	3.7330	4.7559	5.2248	5.9340	5.4003	6.3563	6.3804
Ir-195	1.7737	1.1288	1.6128	1.8590	1.5618	1.2176	1.8003	2.0056
Ir-195m	2.2023	1.4901	2.0175	2.2781	2.1896	1.8475	2.4369	2.5905
Ir-196	0.4401	0.3204	0.4066	0.4459	0.5128	0.4691	0.5484	0.5477
Ir-196m	5.7791	4.1394	5.3315	5.8838	6.5184	5.8645	7.0259	7.1083
K-38	0.8777	0.6192	0.8036	0.8810	1.0688	0.9769	1.1291	1.1041
K-40	0.1072	0.0741	0.0980	0.1086	0.1240	0.1111	0.1328	0.1328
K-42	0.1675	0.1189	0.1536	0.1683	0.2033	0.1861	0.2150	0.2107
K-43	1.8601	1.3711	1.7229	1.8800	2.2155	2.0439	2.3552	2.3346
K-44	1.3789	0.9820	1.2656	1.3866	1.6712	1.5323	1.7686	1.7322
K-45	1.7842	1.3152	1.6498	1.8007	2.1289	1.9591	2.2551	2.2290
K-46	1.3579	0.9632	1.2446	1.3644	1.6495	1.5131	1.7442	1.7065
Kr-74	2.2186	1.5493	2.0439	2.2863	2.2498	1.9320	2.4845	2.6104
Kr-75	1.7901	1.2975	1.6574	1.8325	1.9176	1.7001	2.0838	2.1416
Kr-76	3.1572	2.0975	2.8909	3.2739	2.9605	2.4190	3.3515	3.6153
Kr-77	1.8677	1.3698	1.7325	1.9104	2.0199	1.8032	2.1880	2.2424
Kr-79	1.7531	1.1073	1.5966	1.8352	1.4816	1.1234	1.7338	1.9410
Kr-81	1.3560	0.8060	1.2273	1.4352	0.9946	0.6673	1.2207	1.4374
Kr-81m	1.2023	0.8598	1.1123	1.2335	1.2432	1.0820	1.3643	1.4164
Kr-83m	0.6012	0.3518	0.5428	0.6380	0.4344	0.2856	0.5364	0.6378
Kr-85	0.0040	0.0029	0.0037	0.0041	0.0048	0.0044	0.0051	0.0050
Kr-85m	1.1743	0.8806	1.0926	1.1950	1.3208	1.2019	1.4164	1.4314
Kr-87	0.7676	0.5597	0.7088	0.7743	0.9180	0.8446	0.9760	0.9635
Kr-88	1.4870	1.0631	1.3694	1.5042	1.7157	1.5513	1.8345	1.8265
Kr-89	1.6353	1.1852	1.5077	1.6493	1.9539	1.7932	2.0737	2.0451
La-128	3.1688	2.3097	2.9268	3.2028	3.7458	3.4369	3.9825	3.9490
La-129	1.6292	1.1777	1.5038	1.6548	1.8421	1.6685	1.9721	1.9818
La-130	2.3503	1.7029	2.1686	2.3765	2.7622	2.5288	2.9420	2.9215
La-131	2.2076	1.5837	2.0352	2.2439	2.4735	2.2310	2.6533	2.6719
La-132	2.2499	1.6082	2.0710	2.2773	2.6090	2.3705	2.7842	2.7704
La-132m	2.2368	1.6026	2.0622	2.2771	2.4977	2.2450	2.6856	2.7133
La-133	1.3288	0.8778	1.2106	1.3689	1.3222	1.1157	1.4630	1.5385
La-134	0.4505	0.3098	0.4124	0.4593	0.4846	0.4274	0.5240	0.5325
La-135	1.0512	0.7169	0.9611	1.0736	1.1095	0.9707	1.2039	1.2303
La-136	0.6993	0.4775	0.6394	0.7139	0.7410	0.6495	0.8036	0.8200
La-137	1.0042	0.6828	0.9177	1.0261	1.0545	0.9202	1.1457	1.1731
La-138	1.4551	1.0159	1.3333	1.4743	1.6614	1.4952	1.7799	1.7763

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
La-140	1.9962	1.4384	1.8377	2.0118	2.3966	2.1995	2.5427	2.5037
La-141	0.0174	0.0124	0.0160	0.0175	0.0211	0.0194	0.0223	0.0219
La-142	1.3873	0.9922	1.2755	1.3963	1.6771	1.5386	1.7755	1.7421
La-143	0.1994	0.1431	0.1835	0.2008	0.2407	0.2210	0.2550	0.2504
Lu-165	3.4244	2.3756	3.1437	3.5171	3.6017	3.1370	3.9333	4.0842
Lu-167	3.8060	2.5977	3.4837	3.9083	3.9867	3.4487	4.3633	4.5337
Lu-169m	0.5232	0.2747	0.4646	0.5647	0.3367	0.1856	0.4368	0.5567
Lu-169	3.5143	2.3994	3.2170	3.6116	3.6712	3.1717	4.0200	4.1843
Lu-170	3.2640	2.2135	2.9824	3.3463	3.4630	3.0010	3.7806	3.9096
Lu-171m	0.5551	0.2927	0.4931	0.5988	0.3600	0.2008	0.4656	0.5915
Lu-171	3.9094	2.5440	3.5590	4.0603	3.7311	3.0629	4.1943	4.5225
Lu-172	4.5807	3.1285	4.1932	4.7037	4.8245	4.1790	5.2802	5.4794
Lu-172m	0.4703	0.2469	0.4176	0.5077	0.3027	0.1668	0.3927	0.5005
Lu-173	3.1135	2.1001	2.8481	3.2193	3.1000	2.6226	3.4314	3.6420
Lu-174	1.7487	1.1303	1.5904	1.8214	1.6345	1.3249	1.8452	2.0102
Lu-174m	2.4155	1.4780	2.1823	2.5425	2.0518	1.5462	2.3931	2.7144
Lu-176	3.0563	2.1490	2.8136	3.1415	3.2215	2.8152	3.5232	3.6739
Lu-176m	0.5188	0.3193	0.4693	0.5467	0.4388	0.3300	0.5129	0.5838
Lu-177	0.3587	0.2508	0.3300	0.3697	0.3702	0.3200	0.4066	0.4266
Lu-177m	6.7652	4.7982	6.2348	6.9403	7.2227	6.3573	7.8633	8.1369
Lu-178	0.3996	0.2581	0.3634	0.4161	0.3768	0.3056	0.4260	0.4634
Lu-178m	5.3291	3.8160	4.9184	5.4540	5.8075	5.1667	6.2944	6.4661
Lu-179	0.1665	0.1239	0.1546	0.1694	0.1897	0.1727	0.2028	0.2047
Lu-180	2.5531	1.7895	2.3452	2.6063	2.8163	2.4973	3.0491	3.1111
Lu-181	2.5175	1.6738	2.2988	2.6077	2.4838	2.0770	2.7716	2.9598
Mg-27	0.9319	0.6705	0.8576	0.9387	1.1230	1.0331	1.1926	1.1682
Mg-28	2.0065	1.4447	1.8473	2.0211	2.3744	2.1807	2.5163	2.4711
Mn-50m	3.0711	2.2004	2.8238	3.0923	3.7072	3.4080	3.9314	3.8539
Mn-51	0.0171	0.0099	0.0154	0.0181	0.0137	0.0097	0.0164	0.0191
Mn-52	3.0444	2.1255	2.7903	3.0871	3.5075	3.1532	3.7653	3.7642
Mn-52m	0.9173	0.6505	0.8413	0.9228	1.1086	1.0148	1.1741	1.1522
Mn-53	0.4225	0.2217	0.3751	0.4561	0.2717	0.1496	0.3526	0.4496
Mn-54	1.3307	0.8758	1.2113	1.3713	1.3645	1.1573	1.5149	1.5875
Mn-56	1.2881	0.9224	1.1839	1.2964	1.5562	1.4308	1.6513	1.6163
Mn-57	1.0460	0.6433	0.9475	1.1010	0.8689	0.6457	1.0231	1.1651
Mn-58m	2.0536	1.4751	1.8891	2.0681	2.4773	2.2809	2.6290	2.5770
Mo-101	1.8417	1.3071	1.6943	1.8701	2.1024	1.8923	2.2563	2.2655
Mo-102	0.1187	0.0901	0.1105	0.1203	0.1377	0.1269	0.1464	0.1463
Mo-89	0.2294	0.1633	0.2111	0.2318	0.2665	0.2422	0.2847	0.2819
Mo-90	3.5404	2.5655	3.2808	3.6062	3.8005	3.3889	4.1167	4.1776
Mo-91m	0.9388	0.6720	0.8647	0.9477	1.1079	1.0117	1.1791	1.1647
Mo-91	0.0802	0.0549	0.0739	0.0821	0.0774	0.0655	0.0861	0.0893
Mo-93	1.1062	0.7533	1.0195	1.1354	1.0348	0.8653	1.1597	1.2124

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Mo-93m	2.7937	2.0140	2.5772	2.8242	3.2562	2.9684	3.4723	3.4446
Mo-99	0.3564	0.2614	0.3300	0.3609	0.4106	0.3758	0.4386	0.4361
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	0.6069	0.4277	0.5535	0.6070	0.7409	0.6757	0.7805	0.7584
Na-22	0.9160	0.6520	0.8407	0.9213	1.1104	1.0213	1.1753	1.1511
Na-24	1.7721	1.2541	1.6242	1.7799	2.1556	1.9761	2.2782	2.2279
Nb-87	2.2518	1.6470	2.0899	2.2954	2.4232	2.1637	2.6235	2.6678
Nb-88m	3.4594	2.4998	3.1886	3.4893	4.1319	3.7886	4.3893	4.3262
Nb-88	4.7901	3.4438	4.4191	4.8483	5.5182	5.0045	5.9020	5.8712
Nb-89	0.5789	0.4013	0.5322	0.5889	0.6147	0.5382	0.6695	0.6788
Nb-89m	1.0586	0.7618	0.9779	1.0738	1.1966	1.0812	1.2859	1.2868
Nb-90	3.6421	2.6042	3.3583	3.6903	4.1047	3.6922	4.4058	4.4052
Nb-91	1.1674	0.7877	1.0753	1.2017	1.0601	0.8693	1.2000	1.2689
Nb-91m	0.9679	0.6590	0.8917	0.9934	0.9090	0.7609	1.0180	1.0641
Nb-92	2.9827	2.1047	2.7496	3.0320	3.2512	2.8871	3.5227	3.5512
Nb-92m	2.1304	1.4788	1.9611	2.1717	2.2201	1.9331	2.4310	2.4756
Nb-93m	0.2267	0.1498	0.2079	0.2342	0.2035	0.1648	0.2314	0.2475
Nb-94m	0.7647	0.5192	0.7043	0.7853	0.7134	0.5950	0.8004	0.8385
Nb-94	1.8022	1.3018	1.6611	1.8171	2.1670	1.9970	2.3023	2.2591
Nb-95	0.8954	0.6472	0.8253	0.9027	1.0762	0.9943	1.1449	1.1219
Nb-95m	1.0315	0.7246	0.9533	1.0549	1.0340	0.8939	1.1387	1.1733
Nb-96	2.9250	2.1195	2.6973	2.9499	3.5107	3.2345	3.7291	3.6656
Nb-97	0.9062	0.6588	0.8374	0.9150	1.0866	1.0013	1.1532	1.1366
Nb-98m	2.8528	2.0584	2.6281	2.8755	3.4273	3.1574	3.6409	3.5743
Nb-99	2.2488	1.6732	2.0914	2.2875	2.4814	2.2502	2.6652	2.6872
Nb-99m	0.7149	0.5172	0.6598	0.7226	0.8321	0.7588	0.8870	0.8801
Nd-134	2.3634	1.7157	2.1837	2.4047	2.6473	2.3920	2.8403	2.8643
Nd-135	2.7145	1.9348	2.5009	2.7671	3.0017	2.6854	3.2366	3.2815
Nd-136	2.3996	1.6765	2.2038	2.4527	2.5740	2.2728	2.7921	2.8509
Nd-137	2.4315	1.7174	2.2354	2.4729	2.7160	2.4377	2.9200	2.9379
Nd-138	1.0883	0.7440	0.9958	1.1133	1.1460	1.0015	1.2478	1.2780
Nd-139	1.0023	0.6930	0.9185	1.0226	1.0823	0.9559	1.1725	1.1915
Nd-139m	3.5003	2.4923	3.2213	3.5535	3.9714	3.5867	4.2585	4.2616
Nd-140	1.0122	0.6877	0.9253	1.0362	1.0576	0.9202	1.1537	1.1842
Nd-141	1.0235	0.6971	0.9360	1.0473	1.0746	0.9372	1.1709	1.1997
Nd-141m	0.9054	0.6509	0.8341	0.9144	1.0744	0.9874	1.1453	1.1276
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	1.1121	0.7937	1.0251	1.1344	1.2233	1.0957	1.3188	1.3361
Nd-149	1.8035	1.3245	1.6699	1.8333	2.0520	1.8664	2.1960	2.2082
Nd-151	1.9947	1.4691	1.8466	2.0216	2.3179	2.1233	2.4696	2.4609
Nd-152	0.8720	0.6190	0.8041	0.8924	0.9359	0.8260	1.0179	1.0475
Ne-19	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Ne-24	1.0019	0.7363	0.9269	1.0121	1.1947	1.1012	1.2701	1.2558



<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Ni-56	3.9675	2.7868	3.6483	4.0611	4.3073	3.8016	4.6880	4.8151
Ni-57	1.5227	1.0158	1.3875	1.5634	1.6012	1.3728	1.7586	1.8294
Ni-59	0.7326	0.3844	0.6504	0.7908	0.4711	0.2593	0.6114	0.7796
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.4197	0.3002	0.3857	0.4224	0.5074	0.4654	0.5374	0.5275
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	4.7351	3.2772	4.3562	4.8638	4.8185	4.1460	5.3196	5.5431
Np-233	1.9614	1.3488	1.8056	2.0261	1.8926	1.5892	2.1152	2.2462
Np-234	3.0123	2.0445	2.7640	3.1026	2.9721	2.5064	3.3070	3.4806
Np-235	1.0426	0.6395	0.9465	1.0953	0.8266	0.5998	0.9843	1.1213
Np-236	4.8292	3.2078	4.4268	5.0108	4.3992	3.5609	5.0019	5.4101
Np-236m	1.1567	0.7858	1.0632	1.1968	1.0941	0.9075	1.2300	1.3143
Np-237	1.9308	1.2490	1.7640	2.0095	1.6901	1.3297	1.9450	2.1296
Np-238	1.4146	0.9422	1.2937	1.4555	1.3950	1.1695	1.5539	1.6306
Np-239	2.9411	2.0061	2.7026	3.0396	2.8404	2.3801	3.1757	3.3788
Np-240	4.1974	2.8506	3.8521	4.3197	4.1639	3.5261	4.6263	4.8535
Np-240m	1.2067	0.8062	1.1053	1.2441	1.1718	0.9791	1.3104	1.3842
Np-241	0.7526	0.5169	0.6925	0.7769	0.7292	0.6137	0.8139	0.8625
Np-242	0.3431	0.2351	0.3144	0.3502	0.3668	0.3205	0.4004	0.4087
Np-242m	3.7572	2.5227	3.4430	3.8728	3.6535	3.0610	4.0836	4.3082
O-14	0.8686	0.6126	0.7958	0.8719	1.0586	0.9684	1.1181	1.0925
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	1.6392	1.2247	1.5204	1.6573	1.9425	1.7923	2.0591	2.0429
Os-180	2.5709	1.6140	2.3316	2.6951	2.2579	1.7527	2.6046	2.9055
Os-181	4.4534	3.0145	4.0751	4.5959	4.5205	3.8464	4.9986	5.2656
Os-182	3.2679	2.1648	2.9837	3.3940	3.1521	2.6053	3.5363	3.8084
Os-183	4.4199	2.9902	4.0465	4.5715	4.4111	3.7299	4.8988	5.1995
Os-183m	2.4975	1.6609	2.2786	2.5796	2.5105	2.1148	2.7847	2.9426
Os-185	2.4252	1.6242	2.2168	2.5060	2.4413	2.0652	2.7070	2.8609
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	0.6849	0.3620	0.6088	0.7386	0.4438	0.2476	0.5741	0.7287
Os-190m	4.8294	3.3615	4.4383	4.9553	5.1519	4.5043	5.6311	5.8332
Os-191	2.4155	1.5233	2.1933	2.5360	2.0987	1.6176	2.4311	2.7269
Os-191m	0.8193	0.4547	0.7322	0.8772	0.5789	0.3631	0.7231	0.8852
Os-193	0.6545	0.4268	0.5967	0.6824	0.6082	0.4914	0.6904	0.7541
Os-194	0.6581	0.3650	0.5883	0.7040	0.4627	0.2892	0.5790	0.7078
Os-196	0.5606	0.3869	0.5149	0.5783	0.5723	0.4913	0.6312	0.6637
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	0.9539	0.6205	0.8720	0.9940	0.8387	0.6610	0.9648	1.0593
Pa-228	5.3333	3.6138	4.8944	5.5009	5.2213	4.3850	5.8282	6.1583
Pa-229	1.8652	1.2548	1.7127	1.9347	1.7298	1.4156	1.9570	2.1090

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Pa-230	3.1434	2.1268	2.8849	3.2445	3.0511	2.5520	3.4124	3.6139
Pa-231	1.9219	1.1924	1.7461	2.0153	1.5726	1.1685	1.8543	2.0930
Pa-232	2.5881	1.7617	2.3744	2.6584	2.6182	2.2331	2.8978	3.0197
Pa-233	2.4826	1.6798	2.2797	2.5669	2.3709	1.9729	2.6623	2.8425
Pa-234	5.0894	3.4879	4.6758	5.2326	5.1191	4.3675	5.6688	5.9235
Pa-234m	0.0404	0.0275	0.0371	0.0415	0.0409	0.0349	0.0453	0.0472
Pa-235	0.2475	0.1301	0.2198	0.2671	0.1595	0.0881	0.2068	0.2633
Pa-236	1.7860	1.2124	1.6378	1.8336	1.8162	1.5510	2.0069	2.0887
Pa-237	0.9767	0.6743	0.8953	0.9975	1.0695	0.9431	1.1634	1.1866
Pb-194	3.7125	2.5421	3.4073	3.8281	3.7698	3.2203	4.1656	4.3767
Pb-195m	5.2141	3.5444	4.7805	5.3758	5.2761	4.4908	5.8507	6.1553
Pb-196	3.4817	2.3813	3.1969	3.5987	3.4698	2.9405	3.8521	4.0788
Pb-197	3.3130	2.2815	3.0407	3.4033	3.4626	2.9977	3.8014	3.9481
Pb-197m	4.5954	3.1360	4.2164	4.7400	4.6396	3.9499	5.1434	5.4167
Pb-198	3.3857	2.3138	3.1086	3.5007	3.3615	2.8449	3.7370	3.9652
Pb-199	2.9265	2.0037	2.6851	3.0144	2.9940	2.5663	3.3041	3.4622
Pb-200	3.3490	2.2480	3.0690	3.4795	3.1805	2.6233	3.5785	3.8594
Pb-201	3.3186	2.2868	3.0487	3.4191	3.3960	2.9198	3.7468	3.9310
Pb-201m	1.2282	0.8400	1.1278	1.2656	1.2542	1.0737	1.3845	1.4504
Pb-202	0.6985	0.3784	0.6231	0.7504	0.4645	0.2707	0.5940	0.7425
Pb-202m	3.3822	2.3951	3.1132	3.4405	3.8062	3.4092	4.1068	4.1404
Pb-203	2.8795	1.9714	2.6447	2.9777	2.8593	2.4210	3.1772	3.3726
Pb-204m	2.8925	2.0838	2.6662	2.9261	3.3922	3.0944	3.6234	3.5969
Pb-205	0.7070	0.3830	0.6307	0.7595	0.4701	0.2740	0.6013	0.7515
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	0.7980	0.4676	0.7198	0.8463	0.5897	0.3957	0.7223	0.8542
Pb-211	0.1264	0.0904	0.1165	0.1285	0.1430	0.1289	0.1541	0.1551
Pb-212	1.3275	0.9315	1.2240	1.3673	1.3576	1.1710	1.4945	1.5652
Pb-214	1.3649	0.9547	1.2571	1.4031	1.4154	1.2284	1.5560	1.6239
Pd-100	3.1838	2.2995	2.9469	3.2373	3.4461	3.1064	3.7063	3.7263
Pd-101	2.4456	1.7190	2.2539	2.4868	2.5879	2.3012	2.8036	2.8326
Pd-103	1.0565	0.7318	0.9724	1.0763	1.0790	0.9472	1.1767	1.1963
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.0401	0.7667	0.9647	1.0561	1.1638	1.0583	1.2460	1.2507
Pd-109	0.5671	0.3905	0.5209	0.5790	0.5819	0.5088	0.6356	0.6493
Pd-111	0.0747	0.0543	0.0690	0.0755	0.0879	0.0806	0.0934	0.0924
Pd-112	0.4709	0.3182	0.4327	0.4835	0.4485	0.3779	0.4999	0.5223
Pd-114	0.1544	0.1168	0.1438	0.1566	0.1794	0.1655	0.1907	0.1903
Pd-96	2.7325	1.9877	2.5269	2.7681	3.1087	2.8348	3.3236	3.3090
Pd-97	2.1901	1.5851	2.0210	2.2134	2.5510	2.3296	2.7177	2.6956
Pd-98	2.6122	1.8973	2.4183	2.6530	2.8714	2.5970	3.0841	3.0962
Pd-99	2.2689	1.6647	2.1017	2.3000	2.5734	2.3469	2.7499	2.7462
Pm-136	2.9396	2.1441	2.7159	2.9703	3.4892	3.2107	3.7144	3.6754

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Pm-137m	3.7566	2.7381	3.4727	3.8148	4.2896	3.8999	4.5886	4.6011
Pm-139	0.7128	0.5033	0.6553	0.7252	0.7947	0.7122	0.8561	0.8630
Pm-140m	3.2637	2.3489	3.0066	3.2977	3.8526	3.5235	4.1061	4.0596
Pm-140	0.2652	0.1869	0.2436	0.2693	0.3001	0.2701	0.3223	0.3227
Pm-141	0.6841	0.4713	0.6264	0.6980	0.7398	0.6526	0.8016	0.8144
Pm-142	0.2809	0.1921	0.2570	0.2871	0.2995	0.2624	0.3255	0.3322
Pm-143	1.3688	0.9443	1.2541	1.3971	1.4797	1.3073	1.6050	1.6302
Pm-144	3.2656	2.3275	3.0077	3.3131	3.7480	3.3970	4.0133	4.0077
Pm-145	1.0678	0.7216	0.9757	1.0957	1.1014	0.9512	1.2070	1.2471
Pm-146	1.8273	1.2999	1.6819	1.8553	2.0780	1.8781	2.2310	2.2334
Pm-147	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Pm-148	0.5379	0.3875	0.4953	0.5421	0.6476	0.5949	0.6866	0.6750
Pm-148m	3.1384	2.2845	2.8998	3.1721	3.7294	3.4266	3.9648	3.9227
Pm-149	0.0440	0.0318	0.0406	0.0448	0.0492	0.0442	0.0530	0.0539
Pm-150	1.7406	1.2676	1.6064	1.7565	2.0788	1.9148	2.2082	2.1834
Pm-151	1.4440	1.0492	1.3347	1.4692	1.6294	1.4753	1.7493	1.7645
Pm-152m	3.1561	2.3043	2.9172	3.2010	3.6465	3.3234	3.8933	3.8924
Pm-152	0.5937	0.4284	0.5478	0.6032	0.6759	0.6119	0.7243	0.7263
Pm-153	1.0086	0.7174	0.9297	1.0325	1.0825	0.9588	1.1740	1.2039
Pm-154	1.7601	1.2370	1.6151	1.7856	2.0140	1.8104	2.1592	2.1609
Pm-154m	3.0233	2.1753	2.7874	3.0698	3.4586	3.1311	3.7035	3.7137
Po-203	3.8123	2.6214	3.5005	3.9191	3.9287	3.3794	4.3260	4.5039
Po-204	6.1052	4.0795	5.5897	6.3299	5.8626	4.8519	6.5846	7.0572
Po-205	3.5949	2.4722	3.3002	3.6937	3.7273	3.2154	4.0988	4.2571
Po-206	4.8215	3.2386	4.4169	4.9871	4.7063	3.9303	5.2644	5.6022
Po-207	3.2600	2.2470	2.9941	3.3492	3.3853	2.9227	3.7203	3.8634
Po-208	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-209	0.0590	0.0351	0.0532	0.0625	0.0474	0.0340	0.0566	0.0657
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	0.0116	0.0135	0.0133
Po-212m	0.0415	0.0297	0.0382	0.0418	0.0500	0.0458	0.0529	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	0.0001	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	0.0004	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	4.1710	3.0434	3.8544	4.2177	4.9207	4.5157	5.2385	5.1973
Pr-134m	1.9110	1.3837	1.7626	1.9310	2.2550	2.0632	2.4016	2.3801
Pr-135	1.8076	1.2865	1.6645	1.8396	2.0086	1.8040	2.1591	2.1789
Pr-136	2.1916	1.5717	2.0188	2.2173	2.5619	2.3343	2.7304	2.7106
Pr-137	0.8809	0.6051	0.8064	0.8993	0.9414	0.8279	1.0210	1.0399
Pr-138	0.2961	0.2032	0.2710	0.3022	0.3171	0.2791	0.3439	0.3498

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Pr-138m	3.7890	2.7157	3.4888	3.8354	4.4003	4.0072	4.6996	4.6738
Pr-139	0.9565	0.6520	0.8746	0.9778	1.0074	0.8802	1.0957	1.1207
Pr-140	0.5101	0.3477	0.4664	0.5215	0.5372	0.4694	0.5843	0.5976
Pr-142	0.0334	0.0237	0.0306	0.0336	0.0406	0.0371	0.0429	0.0421
Pr-142m	0.0332	0.0174	0.0295	0.0359	0.0214	0.0118	0.0277	0.0354
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0209	0.0150	0.0192	0.0211	0.0252	0.0232	0.0267	0.0262
Pr-144m	0.5266	0.3382	0.4781	0.5462	0.4993	0.4083	0.5616	0.6028
Pr-145	0.0338	0.0241	0.0311	0.0343	0.0389	0.0352	0.0416	0.0414
Pr-146	1.0067	0.7293	0.9281	1.0151	1.2078	1.1106	1.2822	1.2629
Pr-147	2.2377	1.5779	2.0579	2.2816	2.4585	2.1943	2.6526	2.6882
Pr-148	1.3219	0.9683	1.2217	1.3351	1.5728	1.4490	1.6705	1.6558
Pr-148m	1.9764	1.4601	1.8306	1.9987	2.3395	2.1581	2.4883	2.4739
Pt-184	6.8101	4.5179	6.2226	7.0790	6.5057	5.3575	7.3164	7.8995
Pt-186	3.2669	2.1802	2.9864	3.3844	3.2118	2.6866	3.5846	3.8219
Pt-187	4.2141	2.7930	3.8494	4.3785	4.0364	3.3285	4.5359	4.8892
Pt-188	3.1039	2.0329	2.8315	3.2354	2.8899	2.3409	3.2745	3.5717
Pt-189	4.0317	2.6415	3.6776	4.1979	3.7905	3.0868	4.2835	4.6514
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	3.6604	2.3977	3.3390	3.8134	3.4243	2.7825	3.8740	4.2144
Pt-193	0.7399	0.3978	0.6593	0.7958	0.4881	0.2807	0.6264	0.7867
Pt-193m	1.0461	0.5963	0.9383	1.1157	0.7673	0.5041	0.9445	1.1360
Pt-195m	3.1382	1.9192	2.8391	3.3106	2.5888	1.9121	3.0520	3.4940
Pt-197	0.8893	0.5460	0.8056	0.9382	0.7310	0.5393	0.8628	0.9882
Pt-197m	2.1112	1.2882	1.9098	2.2269	1.7365	1.2789	2.0504	2.3490
Pt-199	0.6063	0.4250	0.5579	0.6213	0.6509	0.5719	0.7096	0.7317
Pt-200	1.3646	0.8693	1.2413	1.4302	1.2005	0.9354	1.3849	1.5436
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pu-232	1.4578	1.0039	1.3422	1.5052	1.4111	1.1876	1.5753	1.6704
Pu-234	1.7070	1.1661	1.5699	1.7646	1.6306	1.3610	1.8276	1.9469
Pu-235	2.3569	1.5962	2.1652	2.4391	2.2232	1.8405	2.5011	2.6755
Pu-236	0.3160	0.1979	0.2877	0.3305	0.2585	0.1935	0.3042	0.3408
Pu-237	1.7788	1.1799	1.6299	1.8468	1.6208	1.3112	1.8430	1.9959
Pu-238	0.2921	0.1829	0.2660	0.3055	0.2388	0.1786	0.2810	0.3149
Pu-239	0.1722	0.1029	0.1557	0.1817	0.1324	0.0929	0.1595	0.1850
Pu-240	0.2746	0.1720	0.2501	0.2873	0.2246	0.1680	0.2642	0.2961
Pu-241	0.0001	0.0000	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001
Pu-242	0.2355	0.1475	0.2144	0.2463	0.1926	0.1441	0.2266	0.2539
Pu-243	0.6104	0.4205	0.5619	0.6299	0.5993	0.5087	0.6655	0.7016
Pu-244	0.2153	0.1369	0.1963	0.2245	0.1837	0.1415	0.2133	0.2356
Pu-245	1.4059	1.0035	1.2979	1.4353	1.5218	1.3523	1.6521	1.6878
Pu-246	2.3737	1.6477	2.1854	2.4413	2.3805	2.0411	2.6295	2.7495
Ra-219	0.9315	0.6632	0.8602	0.9547	0.9892	0.8724	1.0795	1.1167

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Ra-220	0.0100	0.0073	0.0093	0.0102	0.0117	0.0108	0.0125	0.0125
Ra-221	1.0091	0.6562	0.9222	1.0531	0.8889	0.6990	1.0237	1.1291
Ra-222	0.0330	0.0243	0.0306	0.0335	0.0377	0.0344	0.0404	0.0408
Ra-223	1.7900	1.2202	1.6446	1.8538	1.7332	1.4504	1.9388	2.0712
Ra-224	0.0598	0.0436	0.0554	0.0610	0.0656	0.0586	0.0709	0.0723
Ra-225	0.7119	0.4698	0.6508	0.7357	0.6700	0.5514	0.7547	0.8019
Ra-226	0.9928	0.7154	0.9131	0.9990	1.1923	1.0943	1.2586	1.2346
Ra-227	2.0969	1.3589	1.9144	2.1818	1.8751	1.4892	2.1488	2.3480
Ra-228	1.0479	0.7571	0.9680	1.0520	1.2581	1.1679	1.3252	1.3007
Ra-230	0.9104	0.6197	0.8362	0.9418	0.8819	0.7382	0.9860	1.0501
Rb-77	1.7512	1.2757	1.6212	1.7820	1.9530	1.7602	2.0996	2.1154
Rb-78m	2.3912	1.7310	2.2053	2.4138	2.8437	2.6072	3.0234	2.9867
Rb-78	1.8741	1.3348	1.7232	1.8933	2.1929	1.9899	2.3404	2.3222
Rb-79	2.3064	1.6416	2.1311	2.3610	2.4318	2.1318	2.6590	2.7384
Rb-80	0.2844	0.2048	0.2626	0.2881	0.3314	0.3018	0.3540	0.3524
Rb-81	1.3915	0.9129	1.2746	1.4445	1.2448	0.9890	1.4293	1.5519
Rb-81m	1.0711	0.6986	0.9832	1.1148	0.8919	0.6820	1.0430	1.1491
Rb-82	0.2076	0.1438	0.1907	0.2119	0.2230	0.1960	0.2439	0.2481
Rb-82m	4.0925	2.8550	3.7629	4.1706	4.4615	3.9388	4.8514	4.9235
Rb-83	2.2223	1.4722	2.0367	2.3010	2.0624	1.6742	2.3422	2.5146
Rb-84	1.5809	1.0477	1.4474	1.6319	1.5012	1.2324	1.6953	1.7997
Rb-84m	1.7346	1.2582	1.6068	1.7691	1.8846	1.6770	2.0431	2.0814
Rb-86m	0.9191	0.6705	0.8499	0.9292	1.0898	1.0010	1.1590	1.1476
Rb-86	0.0822	0.0588	0.0755	0.0827	0.0993	0.0910	0.1052	0.1031
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rb-88	0.3637	0.2587	0.3336	0.3656	0.4410	0.4039	0.4668	0.4570
Rb-89	1.5676	1.1194	1.4401	1.5774	1.8968	1.7393	2.0082	1.9683
Rb-90	0.8273	0.5898	0.7589	0.8315	1.0022	0.9200	1.0614	1.0375
Rb-90m	1.9185	1.3690	1.7621	1.9310	2.3091	2.1184	2.4507	2.4018
Re-178	3.2274	2.1728	2.9506	3.3338	3.2499	2.7491	3.6010	3.8098
Re-179	3.8327	2.6177	3.5117	3.9489	3.9451	3.3863	4.3466	4.5600
Re-180	3.4341	2.2786	3.1329	3.5529	3.4096	2.8574	3.7972	4.0339
Re-181	4.0418	2.7067	3.6941	4.1822	4.0175	3.3804	4.4704	4.7560
Re-182	7.6714	5.2260	7.0276	7.9183	7.7862	6.6382	8.6014	9.0723
Re-182m	4.0497	2.7139	3.7001	4.1864	4.0500	3.4170	4.4925	4.7587
Re-183	3.6693	2.3516	3.3358	3.8370	3.3262	2.6406	3.7986	4.1946
Re-184	3.0557	2.0376	2.7898	3.1594	3.0504	2.5688	3.3915	3.5932
Re-184m	3.2259	2.0883	2.9362	3.3653	2.9925	2.4093	3.3980	3.7196
Re-186	0.3817	0.2538	0.3489	0.3971	0.3626	0.2981	0.4081	0.4420
Re-186m	2.1367	1.1881	1.9098	2.2861	1.5215	0.9626	1.8949	2.3122
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	0.3821	0.2665	0.3515	0.3938	0.3938	0.3398	0.4332	0.4545
Re-188m	2.5050	1.5512	2.2679	2.6364	2.1378	1.6203	2.4913	2.8200

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Re-189	0.4727	0.3187	0.4328	0.4901	0.4630	0.3867	0.5172	0.5542
Re-190	3.1457	2.2899	2.9084	3.1956	3.6126	3.2823	3.8701	3.8869
Re-190m	3.1414	2.1837	2.8863	3.2261	3.3270	2.9012	3.6398	3.7768
Rh-100m	1.5462	1.0758	1.4233	1.5752	1.5990	1.4088	1.7395	1.7666
Rh-100	3.2056	2.2782	2.9519	3.2433	3.6467	3.2983	3.9048	3.8849
Rh-101	3.0099	2.2108	2.7923	3.0594	3.3146	2.9999	3.5609	3.5864
Rh-101m	1.9726	1.4136	1.8233	2.0056	2.1337	1.9139	2.3053	2.3323
Rh-102	1.2575	0.8925	1.1601	1.2773	1.3687	1.2249	1.4781	1.4871
Rh-102m	3.9905	2.8627	3.6820	4.0398	4.5657	4.1473	4.8870	4.8613
Rh-103m	0.1626	0.1043	0.1480	0.1686	0.1473	0.1189	0.1673	0.1807
Rh-104	0.0244	0.0176	0.0226	0.0247	0.0282	0.0257	0.0301	0.0299
Rh-104m	1.5734	1.1174	1.4515	1.5991	1.6850	1.5086	1.8148	1.8283
Rh-105	0.2552	0.1907	0.2369	0.2583	0.3006	0.2784	0.3198	0.3199
Rh-106	0.3149	0.2299	0.2910	0.3180	0.3765	0.3467	0.3996	0.3945
Rh-106m	3.4753	2.5248	3.2067	3.5058	4.1660	3.8352	4.4233	4.3561
Rh-107	0.9876	0.7379	0.9169	0.9995	1.1640	1.0766	1.2382	1.2364
Rh-108	0.6056	0.4453	0.5605	0.6119	0.7211	0.6645	0.7669	0.7591
Rh-109	1.1827	0.8801	1.0977	1.1980	1.3736	1.2647	1.4637	1.4631
Rh-94	2.2109	1.5879	2.0338	2.2265	2.6628	2.4463	2.8229	2.7725
Rh-95	1.7150	1.2204	1.5771	1.7307	2.0071	1.8266	2.1386	2.1114
Rh-95m	0.9956	0.7213	0.9191	1.0060	1.1703	1.0724	1.2458	1.2328
Rh-96	3.7633	2.7083	3.4692	3.7988	4.4583	4.0895	4.7449	4.6764
Rh-96m	1.2023	0.8480	1.1055	1.2169	1.3568	1.2244	1.4557	1.4482
Rh-97	1.6152	1.1627	1.4910	1.6354	1.8405	1.6712	1.9729	1.9661
Rh-97m	2.7085	1.9445	2.4988	2.7428	3.0633	2.7714	3.2804	3.2732
Rh-98	1.1250	0.8117	1.0384	1.1366	1.3294	1.2185	1.4142	1.3974
Rh-99	2.8367	2.0318	2.6219	2.8837	3.0745	2.7570	3.3191	3.3472
Rh-99m	2.1287	1.5226	1.9660	2.1617	2.3333	2.0983	2.5160	2.5340
Rn-207	2.7517	1.9322	2.5352	2.8209	2.9131	2.5520	3.1852	3.2883
Rn-209	3.0955	2.1644	2.8498	3.1742	3.2640	2.8501	3.5733	3.6914
Rn-210	0.2510	0.1714	0.2305	0.2589	0.2510	0.2129	0.2786	0.2936
Rn-211	3.7461	2.6054	3.4440	3.8354	3.9910	3.4901	4.3583	4.4809
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	0.2299	0.1676	0.2128	0.2342	0.2574	0.2320	0.2773	0.2813
Rn-220	1.1255	0.8219	1.0386	1.1328	1.3428	1.2359	1.4144	1.3935
Rn-222	0.0007	0.0005	0.0007	0.0007	0.0009	0.0008	0.0009	0.0009
Rn-223	1.9730	1.2942	1.8031	2.0506	1.8265	1.4775	2.0747	2.2496
Ru-103	0.9258	0.6790	0.8563	0.9354	1.1018	1.0148	1.1706	1.1575
Ru-105	1.4297	1.0422	1.3218	1.4461	1.6716	1.5339	1.7820	1.7674

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	0.5617	0.4132	0.5196	0.5675	0.6656	0.6127	0.7073	0.7000
Ru-108	0.5859	0.4391	0.5450	0.5952	0.6630	0.6061	0.7084	0.7114
Ru-92	5.9627	4.3464	5.5225	6.0555	6.6073	5.9678	7.0967	7.1333
Ru-94	2.0998	1.4927	1.9387	2.1351	2.2616	2.0166	2.4512	2.4779
Ru-95	2.4931	1.7830	2.3013	2.5294	2.7681	2.4925	2.9801	2.9932
Ru-97	2.2317	1.6110	2.0663	2.2717	2.3958	2.1397	2.5918	2.6267
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	0.8046	0.5664	0.7352	0.8065	0.9819	0.8984	1.0357	1.0113
S-38	0.7691	0.5433	0.7040	0.7722	0.9362	0.8552	0.9891	0.9680
Sb-111	1.8171	1.3457	1.6841	1.8400	2.1119	1.9387	2.2484	2.2369
Sb-113	1.4131	1.0217	1.3041	1.4301	1.6340	1.4918	1.7440	1.7335
Sb-114	1.6351	1.1641	1.5020	1.6478	1.9463	1.7818	2.0668	2.0335
Sb-115	1.6194	1.1594	1.4925	1.6405	1.8439	1.6737	1.9732	1.9650
Sb-116	1.6551	1.1688	1.5190	1.6701	1.9345	1.7603	2.0602	2.0330
Sb-116m	4.7935	3.4489	4.4175	4.8468	5.5618	5.0718	5.9295	5.8776
Sb-117	2.1443	1.5603	1.9829	2.1774	2.3890	2.1648	2.5608	2.5684
Sb-118	0.3052	0.2118	0.2799	0.3099	0.3299	0.2939	0.3561	0.3574
Sb-118m	4.9458	3.5407	4.5542	5.0021	5.6886	5.1713	6.0692	6.0206
Sb-119	1.2930	0.8811	1.1838	1.3198	1.3391	1.1696	1.4610	1.4895
Sb-120	0.6095	0.4216	0.5590	0.6197	0.6502	0.5767	0.7035	0.7081
Sb-120m	5.0678	3.6890	4.6809	5.1284	5.8686	5.3613	6.2486	6.2033
Sb-122m	1.9342	1.3657	1.7801	1.9724	2.0849	1.8570	2.2501	2.2787
Sb-122	0.7221	0.5264	0.6674	0.7295	0.8601	0.7914	0.9135	0.9026
Sb-124	1.7092	1.2335	1.5754	1.7232	2.0572	1.8904	2.1804	2.1457
Sb-124m	0.7780	0.5493	0.7160	0.7922	0.8800	0.7890	0.9479	0.9578
Sb-124n	0.1159	0.0608	0.1029	0.1251	0.0746	0.0411	0.0968	0.1234
Sb-125	1.5394	1.1025	1.4190	1.5606	1.7461	1.5827	1.8692	1.8664
Sb-126	3.9697	2.8933	3.6679	4.0079	4.7505	4.3794	5.0482	4.9767
Sb-126m	2.4115	1.7584	2.2289	2.4365	2.8733	2.6450	3.0569	3.0210
Sb-127	1.1662	0.8517	1.0779	1.1782	1.3852	1.2753	1.4731	1.4554
Sb-128	4.4034	3.2110	4.0678	4.4454	5.2658	4.8597	5.5957	5.5183
Sb-128m	2.8719	2.0986	2.6536	2.8999	3.4260	3.1652	3.6439	3.5985
Sb-129	1.5261	1.1026	1.4060	1.5383	1.8343	1.6878	1.9473	1.9128
Sb-130m	3.3457	2.4297	3.0858	3.3750	4.0004	3.6846	4.2514	4.1807
Sb-130	4.8805	3.5737	4.5099	4.9283	5.8086	5.3564	6.1754	6.0978
Sb-131	1.9236	1.3859	1.7713	1.9385	2.3140	2.1252	2.4539	2.4116
Sb-133	2.0038	1.4351	1.8420	2.0169	2.4210	2.2224	2.5650	2.5159
Sc-42m	2.7734	1.9975	2.5527	2.7936	3.3409	3.0695	3.5423	3.4840
Sc-43	0.2444	0.1763	0.2257	0.2489	0.2764	0.2494	0.2980	0.3023
Sc-44	0.9556	0.6797	0.8773	0.9624	1.1500	1.0527	1.2194	1.1977
Sc-44m	0.9608	0.7158	0.8917	0.9747	1.1169	1.0239	1.1907	1.1945
Sc-46	1.8675	1.3384	1.7171	1.8803	2.2552	2.0711	2.3915	2.3430

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Sc-47	0.8070	0.6196	0.7530	0.8182	0.9441	0.8743	1.0020	1.0006
Sc-48	2.9178	2.0896	2.6819	2.9372	3.5255	3.2322	3.7340	3.6616
Sc-49	0.0005	0.0004	0.0005	0.0005	0.0006	0.0006	0.0007	0.0007
Sc-50	2.6764	1.9218	2.4620	2.6953	3.2297	2.9634	3.4212	3.3606
Se-70	3.5027	2.1325	3.1659	3.6903	2.9140	2.1580	3.4318	3.9198
Se-71	1.1744	0.8573	1.0858	1.1928	1.3460	1.2226	1.4409	1.4462
Se-72	2.6879	1.5756	2.4183	2.8479	2.0909	1.4605	2.5163	2.9451
Se-73	2.5036	1.7121	2.2965	2.5836	2.5384	2.1686	2.8093	2.9630
Se-73m	0.5160	0.3168	0.4673	0.5432	0.4293	0.3187	0.5056	0.5756
Se-75	3.5915	2.3758	3.2816	3.7385	3.3833	2.7592	3.8274	4.1665
Se-77m	1.2742	0.8484	1.1664	1.3259	1.1854	0.9629	1.3446	1.4644
Se-79m	1.2430	0.7265	1.1205	1.3204	0.9165	0.6117	1.1247	1.3373
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0190	0.0141	0.0177	0.0193	0.0225	0.0207	0.0239	0.0238
Se-81m	1.2854	0.7594	1.1601	1.3633	0.9663	0.6580	1.1775	1.3899
Se-83m	0.9400	0.6784	0.8658	0.9473	1.1303	1.0374	1.1988	1.1797
Se-83	3.1906	2.3308	2.9469	3.2203	3.8110	3.5091	4.0473	3.9977
Se-84	0.9756	0.7220	0.9041	0.9862	1.1581	1.0677	1.2341	1.2245
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	1.7887	1.2957	1.6515	1.8151	2.0556	1.8699	2.1992	2.2037
Sm-140	1.5416	1.0805	1.4161	1.5732	1.6794	1.4908	1.8172	1.8468
Sm-141	1.6296	1.1647	1.5007	1.6531	1.8669	1.6899	2.0015	2.0025
Sm-141m	3.3569	2.4204	3.0959	3.4054	3.8530	3.4972	4.1227	4.1206
Sm-142	0.9753	0.6612	0.8915	1.0002	1.0119	0.8768	1.1077	1.1415
Sm-143	0.6123	0.4165	0.5599	0.6272	0.6415	0.5581	0.7006	0.7197
Sm-143m	0.9109	0.6539	0.8390	0.9205	1.0769	0.9882	1.1490	1.1330
Sm-145	1.9921	1.3593	1.8229	2.0416	2.0809	1.8110	2.2729	2.3364
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	0.0032	0.0018	0.0029	0.0035	0.0023	0.0014	0.0028	0.0035
Sm-153	1.2710	0.8968	1.1697	1.3010	1.3602	1.2027	1.4761	1.5119
Sm-155	1.1792	0.8854	1.0962	1.1991	1.3426	1.2295	1.4329	1.4402
Sm-156	1.2363	0.8691	1.1383	1.2716	1.2916	1.1258	1.4135	1.4724
Sm-157	1.6481	1.2182	1.5274	1.6736	1.8920	1.7271	2.0201	2.0255
Sn-106	2.9367	2.1252	2.7116	2.9741	3.3538	3.0544	3.5852	3.5701
Sn-108	2.9798	2.1659	2.7548	3.0207	3.3792	3.0750	3.6168	3.6132
Sn-109	2.5456	1.8039	2.3395	2.5722	2.9330	2.6607	3.1309	3.1023
Sn-110	2.0153	1.4550	1.8614	2.0449	2.2515	2.0399	2.4149	2.4223
Sn-111	0.8352	0.5815	0.7668	0.8479	0.9023	0.8043	0.9738	0.9768
Sn-113	1.0233	0.7101	0.9396	1.0404	1.0847	0.9620	1.1746	1.1832
Sn-113m	0.7222	0.4942	0.6615	0.7365	0.7537	0.6610	0.8205	0.8339



<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Sn-117m	1.9830	1.4468	1.8347	2.0149	2.2092	2.0012	2.3690	2.3807
Sn-119m	0.9021	0.6043	0.8242	0.9248	0.9067	0.7778	0.9985	1.0324
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.2928	0.1920	0.2666	0.3018	0.2858	0.2398	0.3179	0.3345
Sn-123	0.0061	0.0043	0.0056	0.0061	0.0073	0.0067	0.0077	0.0076
Sn-123m	1.1590	0.8785	1.0790	1.1755	1.3407	1.2353	1.4260	1.4257
Sn-125m	1.0234	0.7628	0.9495	1.0354	1.2077	1.1177	1.2852	1.2837
Sn-125	0.3099	0.2227	0.2851	0.3121	0.3736	0.3430	0.3961	0.3888
Sn-126	1.2428	0.8819	1.1458	1.2714	1.3255	1.1752	1.4366	1.4689
Sn-127m	0.9172	0.6716	0.8478	0.9263	1.0944	1.0079	1.1624	1.1485
Sn-127	2.0278	1.4678	1.8689	2.0449	2.4250	2.2272	2.5737	2.5343
Sn-128	3.3806	2.4104	3.1145	3.4299	3.7761	3.4117	4.0478	4.0456
Sn-129	1.1858	0.8596	1.0946	1.1966	1.4237	1.3106	1.5102	1.4876
Sn-130	3.0278	2.2233	2.8021	3.0667	3.4992	3.2074	3.7292	3.7068
Sn-130m	1.8602	1.3493	1.7172	1.8825	2.1502	1.9649	2.2914	2.2739
Sr-79	1.6120	1.1485	1.4907	1.6487	1.6752	1.4660	1.8345	1.8846
Sr-80	1.8435	1.2531	1.6974	1.9008	1.7445	1.4436	1.9653	2.0820
Sr-81	1.7860	1.3200	1.6577	1.8159	2.0091	1.8205	2.1577	2.1742
Sr-82	1.2797	0.8264	1.1739	1.3338	1.0361	0.7762	1.2229	1.3578
Sr-83	2.4633	1.6496	2.2636	2.5436	2.2722	1.8506	2.5813	2.7518
Sr-85	2.1858	1.4886	2.0117	2.2501	2.1070	1.7592	2.3627	2.4873
Sr-85m	1.3311	0.9769	1.2347	1.3577	1.4627	1.3103	1.5793	1.6080
Sr-87m	1.0144	0.7326	0.9384	1.0318	1.1249	1.0094	1.2175	1.2319
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	0.7605	0.5483	0.7006	0.7666	0.9154	0.8412	0.9712	0.9537
Sr-92	0.9490	0.6771	0.8715	0.9548	1.1485	1.0541	1.2158	1.1923
Sr-93	2.6480	1.9133	2.4432	2.6761	3.1120	2.8435	3.3163	3.2838
Sr-94	0.9436	0.6713	0.8660	0.9489	1.1441	1.0496	1.2108	1.1864
Ta-170	1.7588	1.1735	1.6066	1.8223	1.7284	1.4442	1.9278	2.0602
Ta-172	3.5307	2.4100	3.2331	3.6331	3.6652	3.1545	4.0262	4.2066
Ta-173	3.3451	2.1967	3.0492	3.4762	3.2001	2.6315	3.5934	3.8790
Ta-174	3.0786	2.0759	2.8162	3.1840	3.0732	2.5938	3.4096	3.6214
Ta-175	3.9197	2.6731	3.5896	4.0381	4.0271	3.4549	4.4304	4.6451
Ta-176	3.6552	2.4548	3.3374	3.7620	3.7744	3.2257	4.1538	4.3454
Ta-177	1.6732	1.0960	1.5248	1.7407	1.5822	1.2947	1.7800	1.9289
Ta-178	1.7725	1.1502	1.6133	1.8467	1.6558	1.3425	1.8705	2.0375
Ta-178m	6.9343	4.8787	6.3831	7.1196	7.3594	6.4549	8.0299	8.3311
Ta-179	1.0168	0.6300	0.9201	1.0683	0.8789	0.6723	1.0187	1.1468
Ta-180	1.4715	0.9528	1.3390	1.5342	1.3656	1.1031	1.5455	1.6880
Ta-182	3.0710	2.1106	2.8148	3.1559	3.2233	2.7925	3.5293	3.6675
Ta-182m	4.1682	2.7406	3.8025	4.3423	3.9198	3.1931	4.4281	4.8249
Ta-183	3.8211	2.5117	3.4855	3.9781	3.6104	2.9485	4.0735	4.4281

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Ta-184	4.6104	3.2128	4.2358	4.7287	4.9256	4.3099	5.3802	5.5647
Ta-185	2.1834	1.4281	1.9906	2.2768	2.0364	1.6486	2.3072	2.5222
Ta-186	3.9873	2.8757	3.6820	4.0644	4.4712	4.0213	4.8146	4.8819
Tb-146	2.1535	1.5219	1.9754	2.1735	2.5458	2.3114	2.7083	2.6785
Tb-147m	1.7116	1.1853	1.5668	1.7397	1.9209	1.7117	2.0667	2.0817
Tb-147	2.9323	2.0820	2.6970	2.9776	3.3391	3.0105	3.5795	3.5891
Tb-148m	4.7094	3.3821	4.3404	4.7706	5.4795	4.9928	5.8593	5.8296
Tb-148	2.0973	1.4848	1.9270	2.1249	2.4241	2.1964	2.5952	2.5838
Tb-149m	2.2813	1.6063	2.0963	2.3205	2.5657	2.3053	2.7637	2.7785
Tb-149	2.7592	1.9634	2.5401	2.8073	3.1017	2.7883	3.3366	3.3659
Tb-150m	4.8589	3.4943	4.4822	4.9293	5.6105	5.1002	6.0025	5.9989
Tb-150	2.5712	1.8094	2.3617	2.6109	2.9264	2.6311	3.1393	3.1489
Tb-151	3.8341	2.7286	3.5320	3.9108	4.2387	3.7895	4.5735	4.6456
Tb-151m	1.3321	0.7920	1.1992	1.4074	1.0876	0.7903	1.2880	1.4857
Tb-152m	3.5422	2.4955	3.2588	3.6230	3.8398	3.3996	4.1652	4.2718
Tb-152	2.4721	1.7514	2.2740	2.5152	2.7752	2.4916	2.9866	3.0171
Tb-153	2.6978	1.8779	2.4778	2.7677	2.8483	2.4910	3.1068	3.2103
Tb-154	2.9981	2.0944	2.7505	3.0530	3.3316	2.9668	3.5916	3.6330
Tb-155	2.7305	1.9136	2.5111	2.8018	2.8820	2.5270	3.1402	3.2441
Tb-156	4.3849	3.0938	4.0318	4.4698	4.8653	4.3414	5.2482	5.3228
Tb-156m	0.8590	0.6162	0.7917	0.8742	0.9551	0.8618	1.0200	1.0300
Tb-156n	0.4283	0.2400	0.3829	0.4574	0.3124	0.2028	0.3855	0.4663
Tb-157	0.4366	0.2511	0.3914	0.4638	0.3360	0.2310	0.4064	0.4799
Tb-158	2.4570	1.6824	2.2497	2.5195	2.6003	2.2630	2.8401	2.9298
Tb-160	1.9204	1.3570	1.7655	1.9549	2.1586	1.9329	2.3246	2.3499
Tb-161	1.3538	0.8819	1.2324	1.4045	1.2878	1.0597	1.4452	1.5529
Tb-162	2.4289	1.7524	2.2413	2.4693	2.7663	2.5017	2.9687	2.9862
Tb-163	1.9866	1.4519	1.8375	2.0147	2.3072	2.1083	2.4666	2.4693
Tb-164	3.9799	2.8531	3.6683	4.0431	4.5531	4.1177	4.8819	4.9020
Tb-165	0.9574	0.6576	0.8760	0.9771	1.0541	0.9285	1.1427	1.1657
Tc-101	1.0823	0.8094	1.0049	1.0954	1.2745	1.1792	1.3554	1.3541
Tc-102m	2.3485	1.6991	2.1650	2.3678	2.8212	2.5925	2.9921	2.9464
Tc-102	0.1093	0.0797	0.1010	0.1103	0.1307	0.1203	0.1388	0.1370
Tc-104	2.2976	1.6763	2.1213	2.3180	2.7473	2.5293	2.9168	2.8824
Tc-105	2.0429	1.5107	1.8941	2.0700	2.3583	2.1611	2.5144	2.5089
Tc-91	0.8910	0.6321	0.8181	0.8973	1.0594	0.9658	1.1253	1.1073
Tc-91m	0.6501	0.4721	0.6003	0.6569	0.7669	0.7028	0.8162	0.8077
Tc-92	4.0958	3.0043	3.7883	4.1407	4.8055	4.4133	5.1155	5.0750
Tc-93	1.9307	1.3452	1.7752	1.9603	2.0844	1.8448	2.2578	2.2741
Tc-93m	1.2588	0.9000	1.1617	1.2763	1.4057	1.2651	1.5134	1.5171
Tc-94	3.8800	2.7621	3.5750	3.9279	4.4160	3.9970	4.7410	4.7115
Tc-94m	1.4024	0.9950	1.2903	1.4180	1.6078	1.4552	1.7232	1.7083
Tc-95	2.0338	1.4262	1.8741	2.0687	2.1683	1.9204	2.3589	2.3813

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Tc-95m	2.5351	1.8184	2.3440	2.5783	2.7485	2.4555	2.9730	3.0015
Tc-96	3.8717	2.7510	3.5662	3.9204	4.3822	3.9632	4.7126	4.6855
Tc-96m	0.6231	0.4259	0.5732	0.6378	0.6110	0.5230	0.6759	0.6985
Tc-97	1.0770	0.7365	0.9923	1.1034	1.0296	0.8722	1.1458	1.1897
Tc-97m	0.8151	0.5583	0.7504	0.8342	0.7934	0.6785	0.8780	0.9074
Tc-98	1.8217	1.3216	1.6819	1.8385	2.1864	2.0170	2.3225	2.2841
Tc-99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Tc-99m	1.1815	0.8971	1.1010	1.1996	1.3532	1.2449	1.4416	1.4442
Te-113	1.0932	0.7802	1.0048	1.1016	1.3049	1.1947	1.3857	1.3622
Te-114	2.6638	1.8805	2.4491	2.7044	2.9694	2.6675	3.1902	3.1992
Te-115	1.8117	1.2977	1.6675	1.8292	2.1307	1.9468	2.2670	2.2399
Te-115m	2.0574	1.4642	1.8910	2.0762	2.4216	2.2100	2.5775	2.5424
Te-116	2.0394	1.4392	1.8765	2.0744	2.2111	1.9765	2.3832	2.4008
Te-117	1.7879	1.2637	1.6429	1.8086	2.0504	1.8582	2.1920	2.1745
Te-118	0.9824	0.6772	0.9004	0.9998	1.0423	0.9213	1.1289	1.1403
Te-119	1.9122	1.3528	1.7594	1.9384	2.1588	1.9503	2.3131	2.3069
Te-119m	3.1614	2.2869	2.9169	3.2009	3.6292	3.3044	3.8726	3.8551
Te-121	1.9302	1.3693	1.7768	1.9575	2.1712	1.9605	2.3277	2.3250
Te-121m	1.7207	1.2423	1.5889	1.7507	1.9089	1.7182	2.0510	2.0706
Te-123	0.1022	0.0539	0.0907	0.1102	0.0664	0.0372	0.0858	0.1089
Te-123m	1.7085	1.2450	1.5804	1.7391	1.8956	1.7106	2.0360	2.0574
Te-125m	1.6777	1.1498	1.5361	1.7102	1.7687	1.5548	1.9193	1.9493
Te-127	0.0136	0.0100	0.0126	0.0138	0.0160	0.0147	0.0170	0.0169
Te-127m	0.5688	0.3817	0.5194	0.5829	0.5785	0.4978	0.6348	0.6558
Te-129	0.4294	0.2852	0.3917	0.4422	0.4297	0.3639	0.4760	0.4997
Te-129m	0.4429	0.3010	0.4051	0.4526	0.4618	0.4026	0.5036	0.5154
Te-131	1.4298	1.0678	1.3271	1.4484	1.6659	1.5324	1.7717	1.7647
Te-131m	2.2902	1.6619	2.1134	2.3150	2.6898	2.4669	2.8645	2.8343
Te-132	2.1425	1.5541	1.9791	2.1753	2.4073	2.1807	2.5746	2.5832
Te-133	1.6514	1.2101	1.5263	1.6675	1.9668	1.8132	2.0900	2.0705
Te-133m	2.5407	1.8381	2.3429	2.5665	3.0001	2.7485	3.1918	3.1554
Te-134	2.4493	1.8027	2.2678	2.4806	2.8522	2.6179	3.0371	3.0203
Th-223	1.7836	1.1992	1.6371	1.8513	1.6606	1.3601	1.8775	2.0257
Th-224	0.2271	0.1603	0.2096	0.2335	0.2322	0.2007	0.2556	0.2669
Th-226	0.2753	0.1787	0.2516	0.2870	0.2404	0.1884	0.2773	0.3054
Th-227	2.3002	1.4969	2.1021	2.3952	2.0458	1.6200	2.3478	2.5731
Th-228	0.2877	0.1791	0.2618	0.3019	0.2322	0.1712	0.2749	0.3111
Th-229	3.3437	2.1586	3.0535	3.4912	2.9059	2.2662	3.3584	3.7141
Th-230	1.0954	0.8374	1.0211	1.1106	1.2942	1.2128	1.3525	1.3515
Th-231	2.3104	1.4560	2.1041	2.4153	1.9289	1.4630	2.2558	2.5157
Th-232	0.8960	0.6456	0.8250	0.9024	1.0784	0.9922	1.1370	1.1194
Th-233	0.5936	0.3696	0.5388	0.6227	0.5014	0.3794	0.5860	0.6592
Th-234	0.4084	0.2685	0.3739	0.4247	0.3667	0.2934	0.4188	0.4559

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Th-235	0.1181	0.0844	0.1089	0.1202	0.1318	0.1182	0.1424	0.1439
Th-236	0.3469	0.2352	0.3187	0.3588	0.3316	0.2759	0.3722	0.3970
Ti-44	2.1939	1.6233	2.0368	2.2404	2.4514	2.2275	2.6229	2.6507
Ti-45	0.0376	0.0203	0.0335	0.0404	0.0259	0.0156	0.0327	0.0406
Ti-51	1.0236	0.7636	0.9497	1.0355	1.2110	1.1219	1.2877	1.2861
Ti-52	1.6774	1.2192	1.5540	1.7169	1.7901	1.5909	1.9430	1.9949
Tl-190	1.8067	1.2689	1.6628	1.8492	1.9545	1.7233	2.1279	2.1844
Tl-190m	4.2701	3.0340	3.9348	4.3525	4.7702	4.2699	5.1506	5.2202
Tl-194	2.1489	1.4822	1.9737	2.2110	2.2303	1.9264	2.4531	2.5586
Tl-194m	6.0603	4.2322	5.5736	6.2085	6.5076	5.7159	7.0974	7.3026
Tl-195	3.5899	2.3480	3.2735	3.7289	3.4160	2.7937	3.8514	4.1544
Tl-196	3.2789	2.2681	3.0100	3.3620	3.4865	3.0398	3.8106	3.9353
Tl-197	2.7090	1.8164	2.4799	2.8089	2.6305	2.1916	2.9432	3.1491
Tl-198	3.6241	2.5010	3.3255	3.7170	3.8429	3.3448	4.2033	4.3450
Tl-198m	4.5449	3.1006	4.1693	4.6861	4.6290	3.9535	5.1195	5.3818
Tl-199	2.6988	1.8071	2.4708	2.8023	2.5896	2.1444	2.9063	3.1256
Tl-200	3.4718	2.3967	3.1874	3.5668	3.6387	3.1573	3.9918	4.1483
Tl-201	2.4807	1.6104	2.2626	2.5923	2.2417	1.7851	2.5613	2.8200
Tl-202	2.5974	1.7687	2.3823	2.6830	2.6075	2.2139	2.8932	3.0570
Tl-204	0.0419	0.0267	0.0382	0.0440	0.0368	0.0286	0.0424	0.0473
Tl-206m	5.4988	3.9732	5.0790	5.5925	6.2398	5.6312	6.7025	6.7556
Tl-206	0.0018	0.0012	0.0017	0.0019	0.0017	0.0014	0.0019	0.0021
Tl-207	0.0026	0.0018	0.0024	0.0026	0.0031	0.0028	0.0033	0.0032
Tl-208	2.2292	1.5952	2.0525	2.2515	2.6382	2.4071	2.8064	2.7771
Tl-209	3.2800	2.3885	3.0312	3.3283	3.7730	3.4275	4.0339	4.0400
Tl-210	3.5752	2.5159	3.2867	3.6390	3.9893	3.5612	4.3119	4.3629
Tm-161	5.0313	3.4594	4.6117	5.1707	5.2427	4.5428	5.7330	5.9675
Tm-162	2.4290	1.6742	2.2251	2.4855	2.6158	2.2927	2.8427	2.9208
Tm-163	4.0138	2.7796	3.6818	4.1141	4.2724	3.7387	4.6490	4.7989
Tm-164	1.2296	0.8266	1.1233	1.2679	1.2472	1.0619	1.3750	1.4472
Tm-165	3.2137	2.2299	2.9501	3.2984	3.3917	2.9606	3.6994	3.8353
Tm-166	3.6792	2.5266	3.3696	3.7697	3.9308	3.4333	4.2827	4.4152
Tm-167	2.3253	1.5589	2.1251	2.4064	2.2963	1.9303	2.5499	2.7171
Tm-168	4.1198	2.8758	3.7848	4.2209	4.4223	3.8885	4.8125	4.9550
Tm-170	0.1417	0.0885	0.1284	0.1489	0.1234	0.0950	0.1428	0.1605
Tm-171	0.0204	0.0132	0.0186	0.0213	0.0189	0.0153	0.0214	0.0234
Tm-172	0.8077	0.5310	0.7354	0.8348	0.8081	0.6765	0.8984	0.9534
Tm-173	1.1011	0.7978	1.0172	1.1188	1.2592	1.1415	1.3530	1.3619
Tm-174	4.8038	3.4364	4.4291	4.9003	5.3463	4.7809	5.7693	5.8743
Tm-175	1.8645	1.3275	1.7163	1.8940	2.1314	1.9228	2.2872	2.2972
Tm-176	3.4555	2.4332	3.1770	3.5287	3.8047	3.3754	4.1171	4.2048
U-227	1.7159	1.1687	1.5774	1.7747	1.6422	1.3676	1.8417	1.9647
U-228	0.3042	0.1941	0.2776	0.3176	0.2570	0.1970	0.2993	0.3323

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
U-230	0.3424	0.2143	0.3118	0.3585	0.2786	0.2074	0.3286	0.3693
U-231	4.0157	2.6144	3.6724	4.1804	3.5284	2.7839	4.0584	4.4454
U-232	0.3251	0.2023	0.2959	0.3406	0.2616	0.1929	0.3097	0.3495
U-233	0.1725	0.1065	0.1568	0.1811	0.1372	0.1000	0.1632	0.1853
U-234	1.0583	0.7982	0.9833	1.0691	1.2563	1.1770	1.3121	1.2950
U-235	1.3099	1.0063	1.2228	1.3245	1.5327	1.4179	1.6018	1.6231
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	0.2693	0.1673	0.2451	0.2823	0.2160	0.1588	0.2560	0.2892
U-237	3.1370	2.1245	2.8801	3.2442	2.9929	2.4903	3.3554	3.5774
U-238	0.9377	0.6936	0.8673	0.9460	1.1195	1.0445	1.1694	1.1754
U-239	0.9498	0.6720	0.8772	0.9756	0.9791	0.8546	1.0713	1.1085
U-240	0.8527	0.5341	0.7760	0.8924	0.7045	0.5299	0.8268	0.9266
U-242	0.2941	0.2124	0.2721	0.3002	0.3200	0.2862	0.3454	0.3509
V-47	0.0161	0.0097	0.0145	0.0169	0.0138	0.0103	0.0161	0.0183
V-48	2.0956	1.4696	1.9206	2.1193	2.4546	2.2175	2.6215	2.6039
V-49	0.2863	0.1502	0.2542	0.3090	0.1841	0.1013	0.2389	0.3046
V-50	1.1352	0.7629	1.0345	1.1590	1.2414	1.0815	1.3507	1.3816
V-52	0.9137	0.6488	0.8380	0.9186	1.1089	1.0167	1.1731	1.1491
V-53	0.9728	0.6968	0.8943	0.9794	1.1750	1.0754	1.2446	1.2206
W-177	5.4537	3.6808	4.9904	5.6414	5.4371	4.5906	6.0365	6.4112
W-178	0.8803	0.5198	0.7921	0.9329	0.6991	0.4964	0.8353	0.9747
W-179	2.2084	1.3804	2.0004	2.3147	1.9436	1.5084	2.2387	2.4968
W-179m	1.3193	0.8460	1.1993	1.3790	1.1999	0.9547	1.3683	1.5081
W-181	1.3771	0.8738	1.2500	1.4413	1.2356	0.9736	1.4143	1.5666
W-185m	1.7584	0.9900	1.5740	1.8791	1.2768	0.8260	1.5789	1.9139
W-185	0.0011	0.0007	0.0010	0.0011	0.0010	0.0009	0.0012	0.0012
W-187	1.3607	0.9556	1.2519	1.3934	1.4729	1.3006	1.6002	1.6418
W-188	0.0145	0.0098	0.0133	0.0150	0.0145	0.0123	0.0161	0.0171
W-190	2.8504	1.8999	2.6052	2.9622	2.7348	2.2613	3.0673	3.3074
Xe-120	2.7388	1.9350	2.5194	2.7843	3.0089	2.6965	3.2373	3.2571
Xe-121	1.7866	1.2820	1.6463	1.8106	2.0338	1.8435	2.1735	2.1703
Xe-122	1.2159	0.8462	1.1157	1.2376	1.3099	1.1631	1.4143	1.4303
Xe-123	2.0365	1.4704	1.8795	2.0681	2.2813	2.0631	2.4436	2.4531
Xe-125	2.5190	1.8101	2.3233	2.5595	2.8008	2.5248	3.0034	3.0198
Xe-127	2.5102	1.8214	2.3192	2.5500	2.8122	2.5454	3.0121	3.0272
Xe-127m	2.0190	1.4845	1.8699	2.0532	2.2646	2.0562	2.4235	2.4396
Xe-129m	1.8600	1.2780	1.7030	1.8966	1.9743	1.7376	2.1388	2.1742
Xe-131m	0.8060	0.5478	0.7370	0.8240	0.8398	0.7312	0.9147	0.9379
Xe-133	1.0840	0.7751	0.9995	1.1044	1.1909	1.0700	1.2784	1.2907
Xe-133m	0.8875	0.6125	0.8133	0.9054	0.9434	0.8304	1.0223	1.0414
Xe-135	1.0465	0.7851	0.9724	1.0604	1.2234	1.1244	1.3004	1.2979
Xe-135m	0.9178	0.6636	0.8470	0.9289	1.0704	0.9779	1.1409	1.1336
Xe-137	0.3285	0.2412	0.3038	0.3318	0.3911	0.3602	0.4159	0.4116

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Xe-138	1.4096	0.9952	1.2958	1.4357	1.5774	1.4059	1.7017	1.7269
Y-81	2.0299	1.4486	1.8790	2.0828	2.0750	1.8044	2.2803	2.3636
Y-83	1.5202	1.0378	1.3982	1.5599	1.4913	1.2602	1.6600	1.7287
Y-83m	1.2331	0.8859	1.1411	1.2581	1.3195	1.1673	1.4356	1.4658
Y-84m	3.1158	2.2329	2.8673	3.1424	3.7133	3.3989	3.9505	3.8865
Y-85	1.0863	0.7608	1.0014	1.1096	1.1426	0.9977	1.2511	1.2808
Y-85m	1.2447	0.8662	1.1462	1.2719	1.2947	1.1227	1.4206	1.4586
Y-86	3.8341	2.7030	3.5280	3.8906	4.2953	3.8372	4.6317	4.6478
Y-86m	1.1975	0.8964	1.1131	1.2169	1.3671	1.2475	1.4609	1.4700
Y-87	2.1141	1.4488	1.9469	2.1726	2.0642	1.7398	2.3043	2.4121
Y-87m	1.0064	0.7280	0.9313	1.0232	1.1153	1.0022	1.2062	1.2195
Y-88	3.0367	2.0883	2.7877	3.0966	3.1990	2.7752	3.5026	3.5747
Y-89m	0.9349	0.6713	0.8602	0.9419	1.1239	1.0315	1.1938	1.1704
Y-90	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Y-90m	2.1039	1.5674	1.9532	2.1324	2.4425	2.2397	2.6038	2.5994
Y-91	0.0024	0.0017	0.0022	0.0024	0.0029	0.0027	0.0031	0.0030
Y-91m	0.9281	0.6750	0.8580	0.9390	1.0898	0.9975	1.1613	1.1525
Y-92	0.2473	0.1780	0.2276	0.2491	0.2978	0.2735	0.3159	0.3102
Y-93	0.1318	0.0971	0.1220	0.1332	0.1564	0.1438	0.1660	0.1646
Y-94	0.7291	0.5239	0.6708	0.7343	0.8789	0.8071	0.9324	0.9144
Y-95	0.5467	0.3888	0.5015	0.5495	0.6630	0.6073	0.7015	0.6868
Yb-162	2.6950	1.8701	2.4755	2.7750	2.7829	2.4073	3.0512	3.1944
Yb-163	2.1206	1.3962	1.9324	2.1971	2.0727	1.7237	2.3131	2.4748
Yb-164	1.3231	0.8783	1.2072	1.3701	1.2942	1.0824	1.4387	1.5366
Yb-165	3.6722	2.3749	3.3408	3.8270	3.4256	2.7732	3.8716	4.2248
Yb-166	2.4558	1.6394	2.2429	2.5424	2.4131	2.0258	2.6785	2.8561
Yb-167	5.0495	3.4078	4.6203	5.2271	4.9881	4.2024	5.5370	5.9018
Yb-169	5.3615	3.6817	4.9167	5.5281	5.4640	4.6913	6.0072	6.3161
Yb-175	0.1902	0.1359	0.1754	0.1944	0.2080	0.1853	0.2253	0.2308
Yb-177	0.6876	0.4922	0.6341	0.7029	0.7523	0.6697	0.8129	0.8313
Yb-178	0.1330	0.0938	0.1224	0.1360	0.1449	0.1283	0.1576	0.1621
Yb-179	1.9315	1.3930	1.7832	1.9607	2.2312	2.0274	2.3869	2.3912
Zn-60	1.1972	0.8641	1.1053	1.2163	1.3731	1.2466	1.4700	1.4743
Zn-61	0.4273	0.3052	0.3929	0.4316	0.5057	0.4607	0.5385	0.5334
Zn-62	1.9222	1.1876	1.7384	2.0150	1.7025	1.3162	1.9680	2.1959
Zn-63	0.2269	0.1497	0.2067	0.2338	0.2332	0.1975	0.2582	0.2711
Zn-65	1.4465	0.8496	1.2991	1.5266	1.2006	0.8725	1.4203	1.6306
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zn-69m	0.9508	0.6895	0.8783	0.9649	1.0989	0.9992	1.1784	1.1816
Zn-71	0.5001	0.3662	0.4623	0.5052	0.5961	0.5487	0.6333	0.6257
Zn-71m	2.8320	2.0818	2.6211	2.8619	3.3720	3.1072	3.5848	3.5494
Zn-72	2.6242	1.6897	2.3889	2.7471	2.3552	1.8587	2.7030	3.0024
Zr-85	0.9388	0.6817	0.8676	0.9506	1.0861	0.9890	1.1627	1.1589

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Zr-86	3.5537	2.4747	3.2808	3.6446	3.4971	2.9800	3.8793	4.0355
Zr-87	0.2869	0.1940	0.2638	0.2947	0.2726	0.2270	0.3059	0.3207
Zr-88	2.1656	1.5118	1.9989	2.2175	2.1837	1.8795	2.4156	2.4996
Zr-89	1.8821	1.3017	1.7316	1.9209	1.9539	1.6942	2.1455	2.1923
Zr-89m	0.9755	0.7048	0.9013	0.9875	1.1358	1.0354	1.2125	1.2053
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	0.8862	0.6413	0.8173	0.8938	1.0646	0.9830	1.1319	1.1106
Zr-97	1.0789	0.7807	0.9951	1.0885	1.2895	1.1882	1.3718	1.3487

Table 2: Composite 1 Surface Contamination for 100x100x10 ft and 200x200x20 ft rooms

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Ac-223	0.4077	0.3269	0.4973	0.5594	0.2929	0.2840	0.4896	0.5617
Ac-224	3.5007	3.2148	3.8936	3.9792	3.0044	3.0948	3.9868	4.1160
Ac-225	0.5962	0.4848	0.7199	0.8006	0.4256	0.4126	0.7052	0.8024
Ac-226	1.5374	1.4237	1.7002	1.7231	1.3303	1.3719	1.7467	1.7792
Ac-227	0.1381	0.0975	0.1807	0.2166	0.0834	0.0749	0.1730	0.2132
Ac-228	2.3634	2.1887	2.6038	2.6296	2.0443	2.1185	2.6908	2.7287
Ac-230	1.0520	0.9628	1.1650	1.1850	0.8959	0.9251	1.2027	1.2297
Ac-231	3.1920	3.0353	3.4549	3.4152	2.8837	3.0106	3.5920	3.5727
Ac-232	1.6445	1.5251	1.8016	1.8060	1.4334	1.4916	1.8835	1.8894
Ac-233	1.3200	1.2692	1.4072	1.3815	1.2336	1.3045	1.4938	1.4647
Ag-100m	2.4007	2.3829	2.4833	2.3295	2.3288	2.4932	2.6897	2.5103
Ag-101	2.2106	2.1765	2.3126	2.1946	2.0775	2.2012	2.4434	2.3232
Ag-102m	1.6176	1.5907	1.6835	1.5909	1.5398	1.6432	1.8138	1.7089
Ag-102	3.7369	3.6983	3.8743	3.6525	3.5876	3.8329	4.1671	3.9167
Ag-103	2.7719	2.7059	2.9186	2.8004	2.5210	2.6487	3.0317	2.9132
Ag-104	4.8991	4.8224	5.1088	4.8514	4.5990	4.8890	5.4224	5.1495
Ag-104m	2.0225	1.9866	2.1090	2.0040	1.8920	2.0078	2.2352	2.1313
Ag-105	3.0742	2.9857	3.2445	3.1177	2.7506	2.8830	3.3416	3.2532
Ag-105m	0.0478	0.0313	0.0651	0.0809	0.0284	0.0251	0.0628	0.0796
Ag-106	0.6891	0.6606	0.7321	0.7120	0.5884	0.6107	0.7405	0.7339
Ag-106m	5.9738	5.8804	6.2297	5.9183	5.6126	5.9627	6.6056	6.2856
Ag-108	0.0617	0.0597	0.0650	0.0626	0.0548	0.0573	0.0670	0.0654
Ag-108m	4.5990	4.5120	4.8056	4.5789	4.2812	4.5296	5.0592	4.8550
Ag-109m	0.6144	0.5764	0.6637	0.6580	0.4996	0.5119	0.6591	0.6692
Ag-110	0.0617	0.0611	0.0640	0.0604	0.0594	0.0632	0.0686	0.0648
Ag-110m	4.1364	4.1162	4.2801	4.0196	4.0271	4.3154	4.6314	4.3224
Ag-111	0.1148	0.1138	0.1198	0.1132	0.1107	0.1174	0.1273	0.1208
Ag-111m	0.3460	0.3175	0.3806	0.3856	0.2748	0.2793	0.3766	0.3901
Ag-112	0.9439	0.9377	0.9755	0.9147	0.9191	0.9832	1.0564	0.9880
Ag-113m	0.8863	0.8634	0.9369	0.9025	0.8290	0.8744	0.9864	0.9535
Ag-113	0.2535	0.2514	0.2647	0.2501	0.2444	0.2597	0.2818	0.2664
Ag-114	0.3948	0.3922	0.4083	0.3843	0.3841	0.4109	0.4414	0.4143
Ag-115	0.9186	0.9119	0.9557	0.8994	0.8876	0.9459	1.0273	0.9640
Ag-116	2.3420	2.3261	2.4194	2.2714	2.2806	2.4454	2.6254	2.4530
Ag-117	1.8558	1.8400	1.9267	1.8135	1.7925	1.9121	2.0778	1.9376
Ag-99	2.5986	2.5722	2.7064	2.5531	2.4915	2.6545	2.8955	2.7204
Al-26	1.3095	1.3001	1.3486	1.2491	1.2840	1.3840	1.4947	1.3637
Al-28	1.2755	1.2668	1.3124	1.2151	1.2514	1.3492	1.4540	1.3261
Al-29	1.3162	1.3077	1.3549	1.2671	1.2884	1.3851	1.4774	1.3690
Am-237	3.7689	3.4766	4.1691	4.2347	3.2203	3.3131	4.2521	4.3534
Am-238	3.6099	3.3525	3.9691	4.0040	3.1127	3.2206	4.0777	4.1339
Am-239	4.6634	4.2039	5.2491	5.4374	3.8389	3.9054	5.2941	5.5446



<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Am-240	4.0412	3.7081	4.4892	4.5736	3.4052	3.5028	4.5844	4.6997
Am-241	1.4175	1.4278	1.4588	1.3529	1.3758	1.4800	1.5378	1.4364
Am-242	0.7996	0.6891	0.9263	0.9887	0.5986	0.5915	0.9092	0.9930
Am-242m	0.5778	0.4682	0.6961	0.7724	0.3914	0.3725	0.6693	0.7667
Am-243	1.4692	1.3818	1.5954	1.5913	1.2904	1.3539	1.6424	1.6699
Am-244	3.7118	3.3570	4.1514	4.2756	3.0337	3.0910	4.1923	4.3679
Am-244m	0.3108	0.2630	0.3640	0.3926	0.2234	0.2178	0.3539	0.3925
Am-245	0.4870	0.4474	0.5405	0.5509	0.4115	0.4218	0.5488	0.5634
Am-246	5.1987	4.7042	5.8178	5.9905	4.2470	4.3178	5.8647	6.1224
Am-246m	1.9832	1.8797	2.1436	2.1183	1.7673	1.8515	2.2396	2.2120
Am-247	1.7237	1.6029	1.8952	1.9119	1.4871	1.5331	1.9366	1.9656
Ar-37	0.0513	0.0307	0.0727	0.0932	0.0279	0.0233	0.0697	0.0912
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	1.2935	1.2851	1.3315	1.2463	1.2659	1.3608	1.4502	1.3448
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	1.5689	1.5632	1.6212	1.5144	1.5333	1.6480	1.7679	1.6350
Ar-44	2.4963	2.4829	2.5879	2.4232	2.4321	2.6021	2.8164	2.6121
As-68	3.0687	3.0544	3.1777	2.9749	2.9921	3.2120	3.4586	3.2071
As-69	0.5465	0.5075	0.6028	0.6113	0.4912	0.5122	0.6319	0.6379
As-70	4.0755	4.0281	4.2499	4.0157	3.9408	4.2204	4.6104	4.3122
As-71	2.2498	1.9611	2.6101	2.8033	1.8772	1.9068	2.6814	2.8677
As-72	1.3634	1.3096	1.4561	1.4271	1.2768	1.3554	1.5561	1.5116
As-73	2.0041	1.2668	2.7720	3.4887	1.1536	1.0031	2.6711	3.4248
As-74	1.2734	1.1412	1.4377	1.5039	1.1018	1.1362	1.4941	1.5639
As-76	0.7835	0.7781	0.8110	0.7649	0.7612	0.8136	0.8741	0.8232
As-77	0.0435	0.0427	0.0459	0.0440	0.0414	0.0438	0.0487	0.0466
As-78	1.7718	1.7607	1.8315	1.7188	1.7262	1.8483	1.9840	1.8540
As-79	0.0803	0.0798	0.0834	0.0786	0.0780	0.0832	0.0895	0.0844
At-204	5.9787	5.7554	6.3710	6.2256	5.5587	5.8736	6.7349	6.6080
At-205	3.3654	3.1405	3.6831	3.7076	2.9927	3.1286	3.8354	3.8935
At-206	6.2028	5.9816	6.6041	6.4374	5.7768	6.1089	6.9882	6.8366
At-207	5.0431	4.7655	5.4608	5.4276	4.5674	4.8009	5.7307	5.7251
At-208	7.5442	7.2151	8.0980	7.9580	6.9414	7.3172	8.5463	8.4193
At-209	7.0468	6.6657	7.6270	7.5879	6.3852	6.7103	7.9938	7.9953
At-210	6.0842	5.7530	6.5871	6.5289	5.5191	5.8022	6.9261	6.8745
At-211	0.9516	0.8373	1.0904	1.1544	0.7769	0.7924	1.1028	1.1925
At-215	0.0007	0.0007	0.0007	0.0007	0.0006	0.0007	0.0008	0.0008
At-216	0.0465	0.0421	0.0523	0.0541	0.0397	0.0410	0.0535	0.0562
At-217	0.0017	0.0016	0.0018	0.0018	0.0015	0.0016	0.0019	0.0019
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	2.1895	2.1321	2.3243	2.2409	2.0580	2.1708	2.4524	2.3694
Au-186	3.6372	3.4720	3.9198	3.8694	3.3543	3.5406	4.1342	4.0870

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Au-187	3.2338	2.9301	3.6225	3.7494	2.8060	2.9267	3.7616	3.9005
Au-190	4.2914	4.0919	4.6166	4.5434	3.9660	4.1974	4.8853	4.8073
Au-191	3.9577	3.6288	4.3999	4.5153	3.4770	3.6326	4.5647	4.7015
Au-192	4.0394	3.8320	4.3630	4.3175	3.7095	3.9228	4.6103	4.5616
Au-193	2.7231	2.4453	3.0779	3.2179	2.3284	2.4224	3.1669	3.3299
Au-193m	1.9383	1.7010	2.2342	2.3732	1.6104	1.6426	2.2790	2.4313
Au-194	3.3474	3.1403	3.6513	3.6599	3.0282	3.1905	3.8295	3.8460
Au-195	2.5220	2.1458	2.9613	3.2256	2.0209	2.0620	2.9988	3.2962
Au-195m	1.9612	1.7216	2.2597	2.3995	1.6290	1.6619	2.3045	2.4589
Au-196	3.1206	2.9228	3.4103	3.4287	2.8139	2.9571	3.5584	3.5980
Au-196m	4.4683	3.8532	5.2088	5.6218	3.6303	3.6875	5.2938	5.7431
Au-198	1.3191	1.3007	1.3755	1.3073	1.2693	1.3490	1.4680	1.4023
Au-198m	6.2106	5.7599	6.8716	6.9915	5.5196	5.7512	7.1385	7.2996
Au-199	1.2818	1.1853	1.4213	1.4522	1.1317	1.1755	1.4765	1.5002
Au-200	0.4940	0.4875	0.5146	0.4876	0.4768	0.5085	0.5524	0.5229
Au-200m	6.6877	6.5233	7.0686	6.8210	6.3359	6.7138	7.5114	7.2376
Au-201	0.1950	0.1666	0.2283	0.2479	0.1574	0.1592	0.2321	0.2536
Au-202	0.3099	0.3067	0.3222	0.3049	0.2998	0.3204	0.3468	0.3272
Ba-124	2.2063	2.1401	2.3287	2.2483	2.0160	2.1345	2.4369	2.3473
Ba-126	2.6250	2.5587	2.7618	2.6508	2.4232	2.5695	2.9011	2.7808
Ba-127	1.2886	1.2458	1.3622	1.3193	1.1685	1.2363	1.4208	1.3732
Ba-128	1.3994	1.3405	1.4861	1.4485	1.2380	1.3055	1.5328	1.4957
Ba-129	1.4633	1.4042	1.5550	1.5160	1.3080	1.3795	1.6130	1.5727
Ba-129m	4.8013	4.6794	5.0587	4.8678	4.4839	4.7570	5.3562	5.1401
Ba-131	3.3294	3.2433	3.5019	3.3716	3.0725	3.2550	3.6723	3.5302
Ba-131m	1.6864	1.6091	1.8092	1.7860	1.5251	1.6059	1.8805	1.8491
Ba-133	3.7888	3.6778	3.9940	3.8512	3.4741	3.6791	4.1713	4.0433
Ba-133m	1.2642	1.1585	1.3960	1.4248	1.0766	1.1193	1.4291	1.4597
Ba-135m	1.0781	1.0297	1.1492	1.1247	0.9591	1.0122	1.1891	1.1628
Ba-137m	1.2477	1.2347	1.2949	1.2229	1.2015	1.2814	1.3888	1.3118
Ba-139	0.4526	0.4469	0.4749	0.4541	0.4309	0.4565	0.5051	0.4753
Ba-140	0.9907	0.8979	1.1078	1.1475	0.8499	0.8782	1.1421	1.1831
Ba-141	2.7095	2.6867	2.8250	2.6703	2.6122	2.7800	3.0213	2.8535
Ba-142	2.4307	2.4048	2.5357	2.3992	2.3292	2.4871	2.7127	2.5549
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.1333	0.1324	0.1382	0.1309	0.1294	0.1382	0.1483	0.1405
Bi-197	3.8035	3.5503	4.1651	4.1930	3.3993	3.5669	4.3598	4.4027
Bi-200	7.1756	6.8871	7.6908	7.5407	6.6407	7.0160	8.1187	7.9787
Bi-201	3.8623	3.6199	4.2126	4.2208	3.4706	3.6497	4.4212	4.4411
Bi-202	6.5656	6.3145	7.0195	6.8615	6.0973	6.4531	7.4349	7.2751
Bi-203	4.6376	4.3837	5.0190	4.9828	4.2204	4.4530	5.2980	5.2625
Bi-204	6.6766	6.3953	7.1660	7.0331	6.1672	6.5232	7.5836	7.4434
Bi-205	3.6261	3.3802	3.9707	3.9948	3.2401	3.4003	4.1655	4.2017

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Bi-206	7.6785	7.3519	8.2280	8.0846	7.0986	7.5116	8.7074	8.5593
Bi-207	4.0515	3.8257	4.3966	4.3795	3.6730	3.8668	4.6215	4.6175
Bi-208	2.4212	2.2231	2.6732	2.7118	2.1360	2.2346	2.8085	2.8594
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.4610	1.4134	1.5603	1.5161	1.3670	1.4416	1.6426	1.5987
Bi-211	0.2297	0.2217	0.2448	0.2384	0.2147	0.2266	0.2579	0.2529
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	0.3191	0.2673	0.3778	0.4141	0.2495	0.2502	0.3822	0.4216
Bi-213	0.4495	0.4364	0.4754	0.4605	0.4226	0.4473	0.5035	0.4905
Bi-214	1.7428	1.7281	1.8049	1.6944	1.6941	1.8151	1.9603	1.8288
Bi-215	1.1191	1.0699	1.2046	1.1848	1.0280	1.0808	1.2625	1.2493
Bi-216	1.9543	1.9268	2.0376	1.9408	1.8778	1.9993	2.1795	2.0803
Bk-245	3.8417	3.5458	4.2464	4.3131	3.2683	3.3571	4.3190	4.4147
Bk-246	3.8855	3.5574	4.3100	4.4011	3.2613	3.3484	4.3863	4.5131
Bk-247	1.7923	1.7144	1.9275	1.8951	1.6223	1.6995	1.9994	1.9832
Bk-248m	0.9116	0.8195	1.0253	1.0625	0.7364	0.7457	1.0273	1.0790
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	1.6714	1.6039	1.7952	1.7526	1.5102	1.5902	1.8888	1.8367
Bk-251	2.0765	1.8809	2.3250	2.3986	1.7080	1.7357	2.3437	2.4373
Br-72	2.5533	2.5115	2.6695	2.5396	2.4529	2.6231	2.8814	2.7192
Br-73	1.6398	1.5823	1.7473	1.7039	1.5269	1.6246	1.8473	1.7990
Br-74	2.8889	2.8365	3.0166	2.8575	2.7789	2.9672	3.2636	3.0844
Br-74m	3.5435	3.4834	3.6969	3.5067	3.4090	3.6383	3.9911	3.7738
Br-75	2.0514	1.9514	2.2205	2.1962	1.8808	1.9699	2.3268	2.3009
Br-76	2.8026	2.6491	3.0256	2.9971	2.5645	2.7018	3.2122	3.1730
Br-76m	2.1079	1.7301	2.5234	2.7897	1.5348	1.5154	2.4923	2.8022
Br-77	1.9828	1.6664	2.3499	2.5725	1.5481	1.5459	2.3654	2.6144
Br-77m	0.9481	0.7358	1.1797	1.3485	0.6408	0.6087	1.1451	1.3424
Br-78	0.2472	0.2228	0.2777	0.2881	0.2120	0.2184	0.2872	0.2995
Br-80	0.1633	0.1439	0.1867	0.1973	0.1360	0.1388	0.1915	0.2037
Br-80m	1.9191	1.5207	2.3485	2.6475	1.3186	1.2717	2.2876	2.6408
Br-82m	0.7761	0.5564	1.0079	1.1945	0.4634	0.4171	0.9591	1.1773
Br-82	4.2056	4.1811	4.3512	4.0953	4.0933	4.3844	4.7022	4.4027
Br-83	0.0166	0.0164	0.0173	0.0165	0.0161	0.0171	0.0186	0.0177
Br-84m	3.9046	3.8821	4.0378	3.7903	3.8050	4.0786	4.3733	4.0796
Br-84	1.4202	1.4144	1.4664	1.3679	1.3895	1.4950	1.6036	1.4810
Br-85	0.0934	0.0930	0.0967	0.0908	0.0910	0.0977	0.1049	0.0975
C-10	1.2582	1.2504	1.3014	1.2258	1.2242	1.3101	1.4042	1.3177
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	0.0917	0.0548	0.1299	0.1664	0.0498	0.0417	0.1244	0.1628
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	1.1381	1.1307	1.1725	1.0990	1.1127	1.1956	1.2751	1.1848

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Ca-49	1.2444	1.2362	1.2757	1.1798	1.2260	1.3242	1.4056	1.2968
Cd-101	3.0925	3.0416	3.2274	3.0611	2.8987	3.0796	3.4224	3.2447
Cd-102	2.7810	2.7110	2.9224	2.8041	2.5217	2.6550	3.0389	2.9378
Cd-103	2.6840	2.6164	2.8126	2.6801	2.4433	2.5816	2.9539	2.8236
Cd-104	2.6207	2.5316	2.7698	2.6754	2.2904	2.3945	2.8245	2.7824
Cd-105	1.9191	1.8655	2.0164	1.9277	1.7277	1.8197	2.1037	2.0231
Cd-107	1.8065	1.7044	1.9404	1.9101	1.4667	1.5032	1.9226	1.9399
Cd-109	1.6898	1.5917	1.8173	1.7917	1.3679	1.4009	1.7992	1.8189
Cd-111m	2.4293	2.3807	2.5609	2.4492	2.2501	2.3683	2.6785	2.5568
Cd-113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0012	0.0011	0.0012	0.0012	0.0010	0.0010	0.0013	0.0012
Cd-115	0.5491	0.5430	0.5706	0.5419	0.5248	0.5591	0.6086	0.5781
Cd-115m	0.0439	0.0438	0.0455	0.0426	0.0429	0.0460	0.0494	0.0458
Cd-117	1.8613	1.8459	1.9327	1.8189	1.7983	1.9202	2.0768	1.9464
Cd-117m	2.0971	2.0877	2.1674	2.0235	2.0478	2.1999	2.3673	2.1880
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	2.2170	2.2011	2.2992	2.1566	2.1513	2.3002	2.4852	2.3153
Cd-119m	2.4930	2.4805	2.5778	2.4095	2.4294	2.6078	2.8077	2.6001
Ce-130	3.2797	3.1885	3.4593	3.3390	3.0315	3.2132	3.6334	3.4874
Ce-131	3.4544	3.3521	3.6507	3.5287	3.2162	3.4085	3.8620	3.7163
Ce-132	3.0634	2.9883	3.2317	3.1127	2.8446	3.0117	3.4015	3.2645
Ce-133	2.9088	2.8112	3.0746	2.9820	2.6497	2.8119	3.2056	3.1129
Ce-133m	4.8545	4.7542	5.0775	4.8536	4.5637	4.8674	5.3915	5.1309
Ce-134	1.1901	1.1293	1.2713	1.2513	1.0446	1.1031	1.3114	1.2898
Ce-135	3.5742	3.4899	3.7569	3.6039	3.3400	3.5470	3.9656	3.7979
Ce-137	1.3744	1.2547	1.5173	1.5527	1.1599	1.2081	1.5509	1.5877
Ce-137m	1.0555	1.0033	1.1295	1.1114	0.9391	0.9916	1.1717	1.1503
Ce-139	2.5346	2.4562	2.6852	2.6063	2.3286	2.4618	2.8175	2.7080
Ce-141	1.0218	1.0044	1.0730	1.0302	0.9667	1.0243	1.1368	1.0721
Ce-143	1.9920	1.9376	2.0985	2.0201	1.8487	1.9658	2.2088	2.1220
Ce-144	0.3316	0.3233	0.3494	0.3375	0.3092	0.3277	0.3678	0.3516
Ce-145	3.0689	2.9905	3.2226	3.0965	2.8626	3.0520	3.4096	3.2660
Cf-244	0.2084	0.1728	0.2471	0.2699	0.1439	0.1382	0.2378	0.2683
Cf-246	0.1431	0.1188	0.1695	0.1851	0.0990	0.0952	0.1632	0.1840
Cf-247	3.0399	2.6790	3.4694	3.6524	2.3855	2.3910	3.4506	3.6873
Cf-248	0.1713	0.1423	0.2028	0.2213	0.1187	0.1142	0.1953	0.2201
Cf-249	1.7221	1.6285	1.8624	1.8449	1.5329	1.5950	1.9271	1.9275
Cf-250	0.1449	0.1226	0.1695	0.1827	0.1042	0.1017	0.1649	0.1828
Cf-251	2.3232	2.1214	2.5886	2.6529	1.9381	1.9795	2.6202	2.7092
Cf-252	0.7857	0.7595	0.8337	0.8067	0.7260	0.7668	0.8816	0.8528
Cf-253	0.4556	0.3785	0.5395	0.5897	0.3197	0.3085	0.5223	0.5870
Cf-254	24.1099	23.9577	24.9876	23.4761	23.3921	25.0204	26.9660	25.2087
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Cl-34	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0001
Cl-34m	1.5225	1.5130	1.5774	1.4785	1.4845	1.5889	1.7192	1.5850
Cl-36	0.0007	0.0004	0.0010	0.0013	0.0004	0.0003	0.0010	0.0013
Cl-38	0.9437	0.9375	0.9709	0.8981	0.9265	0.9988	1.0760	0.9820
Cl-39	1.9283	1.9154	1.9973	1.8722	1.8792	2.0119	2.1607	2.0068
Cl-40	2.4853	2.4694	2.5561	2.3756	2.4386	2.6260	2.8048	2.5860
Cm-238	1.8882	1.7259	2.1020	2.1534	1.5804	1.6164	2.1270	2.1979
Cm-239	3.7679	3.5417	4.1148	4.1192	3.3090	3.4270	4.2364	4.2585
Cm-240	0.2352	0.1921	0.2818	0.3106	0.1591	0.1515	0.2705	0.3083
Cm-241	4.4245	4.0094	4.9503	5.1054	3.6740	3.7510	5.0153	5.2259
Cm-242	0.2111	0.1724	0.2530	0.2788	0.1428	0.1360	0.2428	0.2768
Cm-243	2.3231	2.0701	2.6379	2.7579	1.8873	1.9111	2.6540	2.8078
Cm-244	0.1813	0.1480	0.2172	0.2394	0.1226	0.1167	0.2085	0.2377
Cm-245	2.4790	2.2389	2.7856	2.8814	2.0404	2.0761	2.8086	2.9356
Cm-246	0.1497	0.1231	0.1785	0.1959	0.1028	0.0984	0.1720	0.1949
Cm-247	1.1297	1.1131	1.1798	1.1216	1.0825	1.1481	1.2552	1.1994
Cm-248	2.0150	1.9783	2.1104	2.0092	1.9151	2.0376	2.2580	2.1429
Cm-249	0.2100	0.1469	0.2770	0.3358	0.1363	0.1257	0.2712	0.3332
Cm-250	19.0439	18.9189	19.7414	18.5521	18.4699	19.7541	21.3019	19.9194
Cm-251	0.4859	0.4594	0.5256	0.5223	0.4324	0.4508	0.5452	0.5440
Co-54m	3.8690	3.8469	3.9994	3.7495	3.7730	4.0439	4.3342	4.0390
Co-55	1.7847	1.7446	1.8816	1.8076	1.7025	1.8168	2.0257	1.9267
Co-56	3.5490	3.4152	3.7765	3.6764	3.3421	3.5561	4.0631	3.9150
Co-57	2.3199	2.0158	2.6901	2.8953	1.9133	1.9364	2.7392	2.9332
Co-58	1.5822	1.4502	1.7552	1.8042	1.4074	1.4712	1.8440	1.8809
Co-58m	0.3676	0.2198	0.5206	0.6669	0.1998	0.1673	0.4988	0.6524
Co-60	2.6241	2.6112	2.7056	2.5304	2.5671	2.7599	2.9471	2.7280
Co-60m	0.4344	0.2720	0.6034	0.7621	0.2491	0.2160	0.5817	0.7481
Co-61	1.2639	1.2427	1.3240	1.2667	1.2013	1.3007	1.4047	1.3508
Co-62	1.5210	1.5156	1.5700	1.4650	1.4885	1.6009	1.7144	1.5826
Co-62m	2.7021	2.6923	2.7897	2.6038	2.6435	2.8433	3.0472	2.8116
Cr-48	3.0934	2.9917	3.3046	3.2288	2.9055	3.0606	3.4794	3.3856
Cr-49	1.4944	1.4798	1.5626	1.4899	1.4367	1.5341	1.6599	1.5776
Cr-51	0.3449	0.2601	0.4376	0.5126	0.2455	0.2352	0.4344	0.5137
Cr-55	0.0006	0.0006	0.0006	0.0005	0.0006	0.0006	0.0006	0.0006
Cr-56	2.1932	2.0999	2.3454	2.3040	1.9766	2.0810	2.4309	2.4270
Cs-121	1.1575	1.1410	1.2108	1.1531	1.0960	1.1633	1.2841	1.2161
Cs-121m	2.1564	2.1243	2.2595	2.1534	2.0392	2.1630	2.3953	2.2817
Cs-123	1.7952	1.7572	1.8803	1.7989	1.6680	1.7709	1.9757	1.8931
Cs-124	0.5884	0.5802	0.6134	0.5814	0.5600	0.5957	0.6528	0.6193
Cs-125	1.5573	1.5174	1.6335	1.5686	1.4308	1.5169	1.7125	1.6447
Cs-126	1.0052	0.9892	1.0481	0.9956	0.9515	1.0115	1.1124	1.0589
Cs-127	2.4852	2.4210	2.6079	2.5036	2.2836	2.4168	2.7289	2.6248

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Cs-128	0.8001	0.7804	0.8384	0.8038	0.7381	0.7827	0.8804	0.8458
Cs-129	2.5074	2.4275	2.6405	2.5466	2.2621	2.3895	2.7424	2.6548
Cs-130m	2.1663	2.0618	2.3175	2.2827	1.9238	2.0285	2.3967	2.3726
Cs-130	0.7232	0.6937	0.7654	0.7441	0.6350	0.6691	0.7876	0.7680
Cs-131	1.1560	1.1035	1.2274	1.1983	1.0018	1.0532	1.2557	1.2309
Cs-132	2.4506	2.3905	2.5664	2.4570	2.2610	2.3981	2.6986	2.5870
Cs-134	2.8235	2.8051	2.9214	2.7543	2.7450	2.9370	3.1499	2.9599
Cs-134m	0.8718	0.7735	0.9880	1.0400	0.7173	0.7352	1.0032	1.0553
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	2.5306	2.5158	2.6192	2.4707	2.4600	2.6404	2.8304	2.6459
Cs-136	3.9869	3.9633	4.1425	3.9048	3.8615	4.1334	4.4606	4.1728
Cs-137	1.5611	1.5482	1.6255	1.5079	1.5191	1.6143	1.7723	1.6189
Cs-138m	1.4987	1.4494	1.5844	1.5342	1.3750	1.4559	1.6649	1.6108
Cs-138	2.5697	2.5555	2.6547	2.4843	2.5074	2.6919	2.8888	2.6807
Cs-139	0.2624	0.2607	0.2703	0.2523	0.2567	0.2759	0.2955	0.2734
Cs-140	1.7277	1.7177	1.7839	1.6672	1.6869	1.8096	1.9433	1.8058
Cu-57	0.1351	0.1346	0.1400	0.1311	0.1317	0.1416	0.1522	0.1410
Cu-59	0.6553	0.6478	0.6814	0.6447	0.6345	0.6787	0.7352	0.6916
Cu-60	2.6109	2.5794	2.7051	2.5429	2.5389	2.7267	2.9542	2.7466
Cu-61	0.6914	0.6092	0.7926	0.8410	0.5866	0.6021	0.8179	0.8675
Cu-62	0.0188	0.0143	0.0236	0.0275	0.0135	0.0131	0.0237	0.0277
Cu-64	0.2259	0.1374	0.3178	0.4050	0.1254	0.1064	0.3053	0.3968
Cu-66	0.1278	0.1280	0.1327	0.1238	0.1248	0.1343	0.1444	0.1330
Cu-67	1.2131	1.1681	1.3042	1.2825	1.1306	1.1889	1.3751	1.3520
Cu-69	0.7588	0.7574	0.7864	0.7372	0.7399	0.7943	0.8532	0.7917
Dy-148	2.5074	2.4167	2.6596	2.5898	2.3307	2.4742	2.8192	2.7342
Dy-149	3.9550	3.8223	4.1892	4.0670	3.6926	3.9320	4.4583	4.2892
Dy-150	1.6493	1.5876	1.7517	1.7086	1.5304	1.6220	1.8501	1.8016
Dy-151	3.7048	3.5459	3.9605	3.8893	3.4237	3.6282	4.1985	4.0944
Dy-152	2.6088	2.5116	2.7856	2.7183	2.4165	2.5565	2.9335	2.8420
Dy-153	4.8373	4.6337	5.1674	5.0724	4.4521	4.7209	5.4514	5.3192
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	3.2687	3.1571	3.4770	3.3838	3.0395	3.2245	3.6799	3.5623
Dy-157	2.6749	2.5730	2.8506	2.7854	2.4762	2.6221	3.0030	2.9270
Dy-159	1.5551	1.4492	1.6923	1.7059	1.3758	1.4524	1.7655	1.7652
Dy-165m	0.4182	0.3319	0.5131	0.5851	0.3127	0.3086	0.5145	0.5880
Dy-165	0.2566	0.2441	0.2758	0.2732	0.2346	0.2484	0.2898	0.2856
Dy-166	1.2068	1.0973	1.3436	1.3890	1.0451	1.0923	1.3920	1.4349
Dy-167	2.1622	2.1067	2.2855	2.2053	2.0438	2.1681	2.4261	2.3313
Dy-168	2.1298	2.0485	2.2741	2.2294	1.9788	2.0925	2.4054	2.3507
Er-154	1.8927	1.7238	2.0982	2.1590	1.6073	1.6735	2.1564	2.2125
Er-156	2.3665	2.0540	2.7252	2.9224	1.9326	1.9831	2.7820	2.9743
Er-159	3.0664	2.9421	3.2720	3.2059	2.8421	3.0133	3.4684	3.3776

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Er-161	3.2568	3.1043	3.4955	3.4534	2.9946	3.1746	3.6983	3.6239
Er-163	1.3046	1.2063	1.4304	1.4551	1.1481	1.2095	1.4911	1.5029
Er-165	1.2624	1.1643	1.3871	1.4145	1.1079	1.1661	1.4449	1.4600
Er-167m	1.0455	0.9810	1.1453	1.1521	0.9431	0.9865	1.1992	1.2081
Er-169	0.0106	0.0064	0.0150	0.0192	0.0058	0.0049	0.0144	0.0188
Er-171	2.7110	2.6063	2.9023	2.8468	2.5218	2.6627	3.0569	2.9848
Er-172	2.4524	2.3456	2.6233	2.5821	2.2675	2.4021	2.7722	2.7186
Er-173	4.1358	4.0082	4.4048	4.2909	3.8767	4.1056	4.6709	4.5282
Es-249	3.2723	3.0583	3.5749	3.5886	2.8394	2.9344	3.6644	3.6974
Es-250	9.8469	8.9557	10.9746	11.2626	8.1223	8.2818	11.0810	11.4925
Es-250m	2.9119	2.7102	3.1935	3.2160	2.5001	2.5805	3.2691	3.3036
Es-251	2.7055	2.4126	3.0624	3.1959	2.1652	2.1820	3.0630	3.2339
Es-253	0.0559	0.0461	0.0665	0.0730	0.0389	0.0374	0.0643	0.0726
Es-254	1.9646	1.5723	2.3864	2.6729	1.3282	1.2618	2.3010	2.6526
Es-254m	1.5930	1.4878	1.7345	1.7354	1.3776	1.4266	1.7842	1.8013
Es-255	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0011	0.0010
Es-256	0.2813	0.2405	0.3263	0.3493	0.2033	0.1988	0.3170	0.3488
Eu-142	0.3474	0.3406	0.3624	0.3449	0.3315	0.3550	0.3905	0.3684
Eu-142m	4.5606	4.4713	4.7918	4.5911	4.3561	4.6478	5.1477	4.8959
Eu-143	0.6947	0.6730	0.7325	0.7060	0.6487	0.6924	0.7820	0.7469
Eu-144	0.3095	0.2995	0.3258	0.3135	0.2894	0.3092	0.3489	0.3325
Eu-145	2.7387	2.6625	2.8848	2.7770	2.5676	2.7408	3.0796	2.9398
Eu-146	4.6300	4.5420	4.8370	4.6118	4.4115	4.7102	5.1839	4.9195
Eu-147	2.8700	2.7724	3.0440	2.9594	2.6560	2.8198	3.2137	3.1090
Eu-148	5.3715	5.2743	5.6124	5.3542	5.1201	5.4602	6.0031	5.7121
Eu-149	1.4740	1.3553	1.6218	1.6521	1.2781	1.3386	1.6783	1.7047
Eu-150	5.0665	4.9663	5.3081	5.0770	4.8146	5.1242	5.6514	5.4020
Eu-150m	0.2355	0.2273	0.2495	0.2423	0.2182	0.2316	0.2633	0.2552
Eu-152	3.3566	3.2719	3.5350	3.4018	3.1607	3.3653	3.7611	3.5918
Eu-152m	0.9296	0.9030	0.9819	0.9491	0.8691	0.9258	1.0431	0.9992
Eu-152n	1.6987	1.5517	1.8934	1.9535	1.4855	1.5459	1.9559	2.0293
Eu-154	2.7196	2.6696	2.8522	2.7292	2.5960	2.7670	3.0530	2.8899
Eu-154m	2.0035	1.7905	2.2653	2.3770	1.6994	1.7637	2.3262	2.4429
Eu-155	1.2135	1.1679	1.2951	1.2701	1.1246	1.1918	1.3600	1.3354
Eu-156	1.6283	1.5952	1.7062	1.6276	1.5570	1.6646	1.8416	1.7420
Eu-157	2.2363	2.1079	2.4193	2.4142	2.0222	2.1380	2.5362	2.5235
Eu-158	2.1825	2.1281	2.3051	2.2188	2.0674	2.2061	2.4734	2.3608
Eu-159	2.5502	2.4417	2.7217	2.6724	2.3368	2.4832	2.8638	2.8020
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	1.6970	1.6335	1.8262	1.8003	1.5817	1.6596	1.9317	1.8758
Fe-53	0.5821	0.5739	0.6080	0.5776	0.5605	0.5950	0.6485	0.6190
Fe-53m	3.7411	3.7273	3.8685	3.6216	3.6517	3.9199	4.2034	3.9008

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Fe-55	0.3045	0.1819	0.4315	0.5530	0.1654	0.1384	0.4134	0.5409
Fe-59	1.3897	1.3854	1.4364	1.3439	1.3580	1.4590	1.5623	1.4462
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	1.8687	1.8625	1.9371	1.8141	1.8221	1.9535	2.1003	1.9477
Fe-62	1.2686	1.2596	1.3140	1.2461	1.2307	1.3161	1.4124	1.3370
Fm-251	2.4130	2.1813	2.7064	2.8016	1.9994	2.0361	2.7385	2.8498
Fm-252	0.1479	0.1252	0.1729	0.1863	0.1050	0.1019	0.1672	0.1858
Fm-253	2.2759	1.9954	2.6039	2.7489	1.7611	1.7568	2.5802	2.7682
Fm-254	0.1591	0.1361	0.1847	0.1976	0.1155	0.1131	0.1797	0.1977
Fm-255	1.5963	1.3132	1.9031	2.0918	1.1034	1.0582	1.8371	2.0803
Fm-256	17.9481	17.8295	18.6066	17.4878	17.4027	18.6104	20.0724	18.7728
Fm-257	2.6490	2.4003	2.9642	3.0536	2.1711	2.2063	2.9839	3.1059
Fr-212	3.7155	3.4354	4.1007	4.1589	3.2492	3.3746	4.2453	4.3335
Fr-219	0.0171	0.0165	0.0183	0.0178	0.0159	0.0167	0.0192	0.0189
Fr-220	0.3347	0.2779	0.3989	0.4389	0.2503	0.2472	0.3954	0.4441
Fr-221	0.2678	0.2550	0.2902	0.2868	0.2431	0.2541	0.3028	0.3022
Fr-222	1.8470	1.6860	2.0652	2.1176	1.5634	1.6014	2.1095	2.1897
Fr-223	1.4788	1.3205	1.6694	1.7402	1.2054	1.2330	1.6899	1.7796
Fr-224	1.8438	1.7466	1.9981	1.9810	1.6600	1.7347	2.0875	2.0737
Fr-227	2.9477	2.7827	3.1996	3.1881	2.6401	2.7637	3.3230	3.3377
Ga-64	1.9063	1.8939	1.9750	1.8480	1.8590	1.9989	2.1575	1.9971
Ga-65	1.8005	1.6561	2.0006	2.0562	1.5976	1.6630	2.0812	2.1210
Ga-66	1.5392	1.4146	1.7038	1.7333	1.3778	1.4446	1.8085	1.8235
Ga-67	2.1825	1.8150	2.6117	2.8973	1.7313	1.7316	2.6436	2.9471
Ga-68	0.1226	0.0925	0.1553	0.1818	0.0874	0.0843	0.1553	0.1823
Ga-70	0.0164	0.0152	0.0182	0.0185	0.0147	0.0153	0.0192	0.0193
Ga-72	2.8557	2.8396	2.9522	2.7657	2.7865	2.9922	3.2146	2.9854
Ga-73	2.5290	2.1223	3.0044	3.3044	2.0243	2.0322	3.0486	3.3640
Ga-74	3.1638	3.1445	3.2672	3.0552	3.0883	3.3114	3.5579	3.3101
Gd-142	1.5473	1.5046	1.6321	1.5737	1.4526	1.5453	1.7361	1.6638
Gd-143m	3.9821	3.8865	4.1930	4.0253	3.7617	4.0032	4.4645	4.2584
Gd-144	1.1048	1.0605	1.1739	1.1442	1.0185	1.0828	1.2437	1.2049
Gd-145m	1.5745	1.4807	1.7082	1.7094	1.4311	1.5044	1.7994	1.7947
Gd-145	2.3635	2.3045	2.4768	2.3616	2.2406	2.3991	2.6774	2.5244
Gd-146	4.9247	4.7389	5.2428	5.1321	4.5378	4.8072	5.5144	5.3405
Gd-147	4.7456	4.6391	4.9937	4.7914	4.4858	4.7731	5.3138	5.0804
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	3.6294	3.5144	3.8465	3.7359	3.3806	3.5855	4.0651	3.9161
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	1.7332	1.5873	1.9164	1.9628	1.5004	1.5673	1.9833	2.0211
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	2.6912	2.5692	2.8788	2.8356	2.4515	2.5991	3.0161	2.9563
Gd-159	0.4957	0.4737	0.5298	0.5209	0.4545	0.4818	0.5574	0.5458



<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Gd-162	1.4485	1.4027	1.5347	1.4902	1.3647	1.4433	1.6278	1.5846
Ge-66	2.8858	2.5370	3.3102	3.5207	2.4271	2.4870	3.4018	3.6175
Ge-67	1.7612	1.7266	1.8617	1.7947	1.6784	1.7761	1.9883	1.8868
Ge-68	0.7493	0.4488	1.0607	1.3580	0.4075	0.3413	1.0160	1.3285
Ge-69	1.5432	1.3053	1.8203	1.9905	1.2524	1.2690	1.8697	2.0375
Ge-71	0.7600	0.4552	1.0758	1.3773	0.4133	0.3461	1.0305	1.3474
Ge-75	0.1876	0.1858	0.1968	0.1863	0.1808	0.1917	0.2092	0.1975
Ge-77	3.2147	3.1847	3.3590	3.1789	3.1027	3.2987	3.5924	3.4001
Ge-78	1.3969	1.3851	1.4627	1.3821	1.3488	1.4306	1.5546	1.4661
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	1.8536	1.7587	2.0040	1.9913	1.6969	1.7918	2.1037	2.0843
Hf-169	2.7097	2.5661	2.9246	2.9160	2.4772	2.6239	3.0798	3.0559
Hf-170	3.8346	3.5396	4.2354	4.3291	3.4019	3.5649	4.4180	4.4848
Hf-172	3.3324	2.9343	3.8070	4.0437	2.7682	2.8580	3.8954	4.1305
Hf-173	4.4233	4.2139	4.7683	4.7315	4.0664	4.2927	5.0097	4.9212
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	2.8798	2.7063	3.1333	3.1421	2.6076	2.7500	3.2818	3.2828
Hf-177m	15.2414	14.6008	16.3930	16.1380	14.1275	14.8975	17.2620	16.9670
Hf-178m	10.7827	10.3636	11.5496	11.3339	10.0497	10.6103	12.1948	11.9895
Hf-179m	6.4502	6.0829	7.0155	7.0244	5.8749	6.1760	7.3598	7.3378
Hf-180m	5.6195	5.3947	6.0236	5.9161	5.2238	5.5211	6.3539	6.2468
Hf-181	2.7391	2.6139	2.9461	2.9198	2.5327	2.6720	3.1060	3.0573
Hf-182	1.5580	1.5127	1.6599	1.6090	1.4672	1.5510	1.7531	1.6901
Hf-182m	4.9035	4.6364	5.3204	5.3112	4.4785	4.7214	5.5915	5.5622
Hf-183	2.3949	2.3303	2.5270	2.4457	2.2649	2.4199	2.6895	2.6016
Hf-184	3.1910	2.7059	3.7600	4.1142	2.5764	2.6031	3.8262	4.1791
Hg-190	3.6567	3.2939	4.1266	4.3097	3.1341	3.2435	4.2472	4.4364
Hg-191m	5.6571	5.2757	6.2067	6.2624	5.0807	5.3273	6.4884	6.5576
Hg-192	3.6406	3.2584	4.1283	4.3246	3.0973	3.2025	4.2376	4.4656
Hg-193	3.6050	3.2684	4.0422	4.1845	3.1202	3.2476	4.1855	4.3514
Hg-193m	3.3535	3.1274	3.6724	3.7045	3.0098	3.1632	3.8441	3.8896
Hg-194	0.4522	0.2902	0.6208	0.7744	0.2545	0.2191	0.5931	0.7593
Hg-195	2.4155	2.0725	2.8188	3.0492	1.9500	1.9916	2.8609	3.1253
Hg-195m	2.7225	2.2303	3.2805	3.6575	2.0783	2.0687	3.2873	3.7055
Hg-197	2.2357	1.9009	2.6257	2.8594	1.7843	1.8155	2.6545	2.9299
Hg-197m	2.0653	1.7518	2.4328	2.6562	1.6440	1.6578	2.4580	2.6994
Hg-199m	2.5928	2.3319	2.9306	3.0629	2.2149	2.2862	3.0152	3.1548
Hg-203	1.4288	1.3837	1.5253	1.4806	1.3384	1.4117	1.6057	1.5608
Hg-205	0.0498	0.0477	0.0537	0.0529	0.0458	0.0481	0.0564	0.0561
Hg-206	0.6845	0.6559	0.7358	0.7226	0.6330	0.6665	0.7720	0.7627
Hg-207	3.7829	3.7064	3.9757	3.7909	3.6127	3.8544	4.2788	4.0592
Ho-150	1.9803	1.9534	2.0629	1.9627	1.9054	2.0389	2.2186	2.0957
Ho-153	2.6256	2.5479	2.7812	2.6934	2.4639	2.6168	2.9471	2.8416

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Ho-153m	3.1036	2.9944	3.3045	3.2261	2.8916	3.0630	3.4943	3.3887
Ho-154m	6.0831	5.9814	6.3630	6.0744	5.8220	6.1984	6.7916	6.4786
Ho-154	3.1806	3.1242	3.3328	3.1811	3.0395	3.2366	3.5605	3.3898
Ho-155	2.7318	2.5818	2.9555	2.9444	2.4785	2.6133	3.1039	3.0715
Ho-156	4.6034	4.4845	4.8616	4.6879	4.3495	4.6217	5.1791	4.9438
Ho-157	4.1274	3.9266	4.4384	4.3917	3.7685	3.9851	4.6670	4.5893
Ho-159	4.5825	4.3758	4.9161	4.8542	4.2026	4.4435	5.1692	5.0555
Ho-160	4.7572	4.5938	5.0575	4.9270	4.4412	4.7213	5.3782	5.2043
Ho-161	2.0953	1.9197	2.3131	2.3679	1.7955	1.8730	2.3829	2.4325
Ho-162	1.7257	1.5926	1.8957	1.9308	1.5172	1.5953	1.9747	1.9988
Ho-162m	3.1109	2.8777	3.4255	3.4856	2.7576	2.8903	3.5789	3.6190
Ho-163	0.0122	0.0073	0.0173	0.0222	0.0066	0.0056	0.0166	0.0217
Ho-164	0.9766	0.8964	1.0774	1.1031	0.8523	0.8948	1.1196	1.1385
Ho-164m	1.9059	1.6333	2.2158	2.4006	1.5420	1.5779	2.2605	2.4400
Ho-166	0.3732	0.3248	0.4301	0.4613	0.3096	0.3182	0.4410	0.4739
Ho-166m	5.0546	4.9110	5.3576	5.1953	4.7710	5.0598	5.7010	5.5065
Ho-167	1.9209	1.8643	2.0379	1.9750	1.8085	1.9139	2.1558	2.0924
Ho-168	1.9200	1.8497	2.0443	1.9990	1.7991	1.9102	2.1772	2.1174
Ho-168m	0.3863	0.2990	0.4806	0.5554	0.2801	0.2741	0.4797	0.5560
Ho-170	4.5683	4.4235	4.8634	4.7306	4.2887	4.5536	5.1768	4.9936
I-118m	5.5179	5.4760	5.7198	5.3889	5.3341	5.6957	6.1515	5.7840
I-118	1.8960	1.8799	1.9643	1.8505	1.8316	1.9560	2.1137	1.9882
I-119	2.1593	2.1190	2.2678	2.1606	2.0135	2.1293	2.3814	2.2663
I-120	2.4415	2.4115	2.5314	2.3863	2.3366	2.4966	2.7228	2.5593
I-120m	4.8368	4.7926	5.0128	4.7257	4.6624	4.9782	5.3897	5.0741
I-121	2.6363	2.5790	2.7728	2.6532	2.4210	2.5540	2.8986	2.7924
I-122	0.5543	0.5408	0.5803	0.5556	0.5086	0.5384	0.6086	0.5843
I-123	2.7013	2.6335	2.8450	2.7404	2.4608	2.5915	2.9675	2.8349
I-124	2.1579	2.1095	2.2551	2.1505	1.9942	2.1145	2.3776	2.2705
I-125	2.2904	2.1903	2.4278	2.3630	1.9637	2.0548	2.4699	2.4231
I-126	1.5970	1.5626	1.6700	1.5942	1.4797	1.5666	1.7555	1.6828
I-128	0.2661	0.2611	0.2778	0.2651	0.2487	0.2637	0.2930	0.2806
I-129	1.2046	1.1552	1.2739	1.2376	1.0523	1.1093	1.3073	1.2742
I-130m	0.5430	0.5094	0.5882	0.5882	0.4764	0.4983	0.6086	0.6100
I-130	4.2526	4.2240	4.4023	4.1519	4.1307	4.4148	4.7398	4.4633
I-131	1.6706	1.6721	1.7364	1.6147	1.6182	1.7154	1.8486	1.7185
I-132	3.7785	3.7561	3.9097	3.6795	3.6757	3.9343	4.2215	3.9559
I-132m	1.4114	1.3371	1.5203	1.5064	1.2579	1.3173	1.5801	1.5687
I-133	1.3407	1.3316	1.3885	1.3131	1.3011	1.3911	1.4939	1.4099
I-134m	2.5610	2.4972	2.6940	2.5812	2.3445	2.4777	2.8095	2.6933
I-134	3.9553	3.9389	4.0966	3.8501	3.8499	4.1289	4.4342	4.1312
I-135	1.7567	1.7480	1.8146	1.6972	1.7155	1.8425	1.9757	1.8301
In-103	2.9881	2.9648	3.1059	2.9261	2.8768	3.0690	3.3400	3.1374

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
In-105	2.8199	2.7833	2.9414	2.7898	2.6698	2.8342	3.1255	2.9497
In-106	4.7681	4.7391	4.9492	4.6575	4.6027	4.9208	5.3288	4.9913
In-106m	2.1889	2.1694	2.2656	2.1239	2.1148	2.2605	2.4505	2.2919
In-107	2.7638	2.7124	2.8944	2.7529	2.5646	2.7128	3.0529	2.9188
In-108	6.5694	6.4987	6.8388	6.4556	6.2574	6.6686	7.3130	6.8813
In-108m	2.5059	2.4658	2.6062	2.4593	2.3630	2.5142	2.7851	2.6300
In-109	3.0314	2.9630	3.1897	3.0512	2.7624	2.9060	3.3239	3.2148
In-109m	1.2499	1.2389	1.2958	1.2209	1.2046	1.2832	1.3896	1.3118
In-110	6.1365	6.0578	6.3944	6.0548	5.7971	6.1705	6.8098	6.4380
In-110m	1.8671	1.8349	1.9464	1.8465	1.7487	1.8542	2.0625	1.9641
In-111	4.0699	3.9845	4.2899	4.1082	3.7380	3.9288	4.4750	4.2856
In-111m	1.2474	1.2330	1.2959	1.2306	1.1908	1.2684	1.3824	1.3141
In-112	0.4777	0.4564	0.5080	0.4944	0.4034	0.4180	0.5123	0.5075
In-112m	1.0974	1.0524	1.1652	1.1334	0.9392	0.9758	1.1824	1.1603
In-113m	1.2432	1.2174	1.3007	1.2404	1.1510	1.2144	1.3626	1.3112
In-114	0.0084	0.0081	0.0089	0.0086	0.0073	0.0077	0.0091	0.0089
In-114m	0.9102	0.8745	0.9680	0.9416	0.7955	0.8294	0.9920	0.9757
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	1.1587	1.1280	1.2197	1.1701	1.0485	1.1010	1.2634	1.2242
In-116m	2.8399	2.8252	2.9331	2.7460	2.7721	2.9757	3.1891	2.9590
In-117	2.7961	2.7724	2.9137	2.7690	2.6876	2.8554	3.1144	2.9249
In-117m	0.8393	0.8202	0.8834	0.8475	0.7678	0.8072	0.9203	0.8828
In-118m	3.5589	3.5461	3.6804	3.4473	3.4726	3.7267	3.9949	3.7104
In-118	0.0875	0.0871	0.0903	0.0846	0.0855	0.0919	0.0982	0.0912
In-119	1.5558	1.5175	1.6337	1.5714	1.4576	1.5484	1.7346	1.6639
In-119m	0.2382	0.2253	0.2566	0.2535	0.2068	0.2154	0.2637	0.2622
In-121	1.4431	1.4410	1.4979	1.4046	1.4048	1.5075	1.6223	1.5046
In-121m	0.9057	0.8802	0.9502	0.9115	0.8037	0.8507	0.9796	0.9455
Ir-180	3.9319	3.7148	4.2710	4.2638	3.5912	3.7824	4.4888	4.4609
Ir-182	3.8523	3.6167	4.2084	4.2278	3.4914	3.6697	4.4103	4.4096
Ir-183	4.1820	3.8198	4.6592	4.7936	3.6727	3.8479	4.8526	4.9875
Ir-184	5.7834	5.4429	6.2994	6.3049	5.2612	5.5442	6.6227	6.6017
Ir-185	4.1147	3.6030	4.7323	5.0434	3.4386	3.5501	4.8642	5.1840
Ir-186	5.5819	5.2592	6.0702	6.0714	5.0851	5.3598	6.3807	6.3594
Ir-186m	3.2685	3.0633	3.5674	3.5853	2.9603	3.1228	3.7533	3.7530
Ir-187	2.8132	2.4741	3.2264	3.4313	2.3590	2.4445	3.3136	3.5310
Ir-188	4.0868	3.8327	4.4520	4.4597	3.7110	3.9215	4.7084	4.6848
Ir-189	2.0671	1.7534	2.4325	2.6568	1.6599	1.6986	2.4696	2.7095
Ir-190	6.0267	5.7467	6.4893	6.4173	5.5639	5.8772	6.8451	6.7731
Ir-190m	0.4247	0.2581	0.5974	0.7609	0.2325	0.1959	0.5720	0.7447
Ir-190n	1.6596	1.4398	1.9212	2.0646	1.3657	1.4119	1.9612	2.1144
Ir-191m	2.0557	1.7241	2.4389	2.6861	1.6258	1.6446	2.4650	2.7254
Ir-192	3.2222	3.1609	3.3912	3.2487	3.0759	3.2627	3.6011	3.4594

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Ir-192m	0.4930	0.3102	0.6832	0.8590	0.2746	0.2347	0.6532	0.8417
Ir-192n	1.0350	0.6555	1.4299	1.7938	0.5807	0.4985	1.3682	1.7587
Ir-193m	0.4275	0.2631	0.5982	0.7588	0.2371	0.2015	0.5733	0.7433
Ir-194	0.2927	0.2882	0.3071	0.2925	0.2808	0.2982	0.3269	0.3120
Ir-194m	6.7935	6.6670	7.1269	6.8224	6.4961	6.9014	7.5978	7.2850
Ir-195	1.6277	1.3954	1.9018	2.0606	1.3155	1.3445	1.9292	2.1080
Ir-195m	2.3878	2.1990	2.6464	2.7052	2.1099	2.2018	2.7485	2.8194
Ir-196	0.5891	0.5805	0.6158	0.5863	0.5664	0.6031	0.6582	0.6269
Ir-196m	7.4167	7.2140	7.8357	7.5742	7.0189	7.4373	8.3269	8.0656
K-38	1.2623	1.2543	1.2990	1.1985	1.2402	1.3371	1.4463	1.3171
K-40	0.1441	0.1406	0.1507	0.1436	0.1384	0.1482	0.1638	0.1542
K-42	0.2393	0.2376	0.2462	0.2292	0.2344	0.2524	0.2698	0.2482
K-43	2.5605	2.5422	2.6567	2.5029	2.4840	2.6447	2.8473	2.6921
K-44	1.9638	1.9558	2.0263	1.8874	1.9228	2.0684	2.2177	2.0450
K-45	2.4664	2.4532	2.5586	2.4015	2.4017	2.5673	2.7775	2.5760
K-46	1.9426	1.9298	1.9976	1.8616	1.9050	2.0507	2.1860	2.0201
Kr-74	2.4521	2.2853	2.6984	2.7269	2.1743	2.2639	2.7963	2.8404
Kr-75	2.1237	2.0325	2.2860	2.2582	1.9469	2.0389	2.3959	2.3377
Kr-76	3.1345	2.7856	3.5670	3.7370	2.5885	2.6394	3.6251	3.8343
Kr-77	2.2412	2.1561	2.4035	2.3648	2.0705	2.1700	2.5213	2.4455
Kr-79	1.5014	1.2386	1.7986	1.9833	1.1143	1.0957	1.7828	2.0026
Kr-81	0.9356	0.6698	1.2159	1.4416	0.5570	0.5006	1.1562	1.4206
Kr-81m	1.3557	1.2777	1.4830	1.4803	1.2024	1.2478	1.5383	1.5495
Kr-83m	0.4073	0.2864	0.5343	0.6395	0.2403	0.2144	0.5086	0.6295
Kr-85	0.0055	0.0055	0.0057	0.0054	0.0054	0.0057	0.0062	0.0058
Kr-85m	1.4826	1.4499	1.5704	1.5183	1.3966	1.4714	1.6613	1.5796
Kr-87	1.0661	1.0581	1.1033	1.0356	1.0372	1.1082	1.1915	1.1184
Kr-88	1.9708	1.9316	2.0650	1.9584	1.8738	1.9962	2.2284	2.1057
Kr-89	2.2725	2.2562	2.3555	2.2118	2.2085	2.3641	2.5505	2.3843
La-128	4.3233	4.2855	4.4975	4.2459	4.1703	4.4509	4.8237	4.5367
La-129	2.0799	2.0354	2.1837	2.0914	1.9453	2.0646	2.3004	2.1974
La-130	3.1819	3.1470	3.3100	3.1304	3.0563	3.2611	3.5446	3.3462
La-131	2.7832	2.7147	2.9248	2.8098	2.5836	2.7411	3.0727	2.9490
La-132	2.9929	2.9453	3.1176	2.9614	2.8449	3.0367	3.3335	3.1566
La-132m	2.8167	2.7418	2.9723	2.8714	2.6300	2.7873	3.1393	3.0105
La-133	1.4317	1.3226	1.5672	1.5862	1.2241	1.2780	1.6061	1.6269
La-134	0.5376	0.5159	0.5692	0.5536	0.4804	0.5087	0.5912	0.5746
La-135	1.2193	1.1621	1.2971	1.2703	1.0710	1.1316	1.3365	1.3088
La-136	0.8161	0.7789	0.8672	0.8481	0.7193	0.7605	0.8950	0.8748
La-137	1.1569	1.1002	1.2328	1.2099	1.0126	1.0690	1.2687	1.2452
La-138	1.9027	1.8582	1.9881	1.8987	1.7913	1.9137	2.1241	2.0132
La-140	2.7964	2.7759	2.8907	2.7122	2.7242	2.9227	3.1387	2.9216
La-141	0.0248	0.0246	0.0255	0.0238	0.0243	0.0261	0.0279	0.0258

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
La-142	1.9668	1.9556	2.0294	1.8914	1.9230	2.0646	2.2178	2.0540
La-143	0.2818	0.2802	0.2910	0.2721	0.2751	0.2952	0.3170	0.2942
Lu-165	4.0027	3.7978	4.3178	4.2897	3.6641	3.8745	4.5508	4.4847
Lu-167	4.4361	4.1919	4.7945	4.7668	4.0344	4.2619	5.0583	4.9947
Lu-169m	0.3073	0.1838	0.4353	0.5575	0.1670	0.1398	0.4170	0.5454
Lu-169	4.0857	3.8618	4.4219	4.4057	3.7275	3.9456	4.6716	4.6155
Lu-170	3.8911	3.6925	4.1875	4.1393	3.5831	3.8039	4.4591	4.3666
Lu-171m	0.3300	0.2002	0.4647	0.5927	0.1823	0.1543	0.4459	0.5804
Lu-171	4.0185	3.6214	4.5092	4.6963	3.4431	3.5818	4.6609	4.8410
Lu-172	5.3918	5.1118	5.8302	5.7953	4.9423	5.2289	6.1684	6.0846
Lu-172m	0.2763	0.1652	0.3913	0.5013	0.1502	0.1257	0.3749	0.4904
Lu-173	3.3798	3.1286	3.7174	3.7846	2.9969	3.1560	3.8767	3.9226
Lu-174	1.7483	1.5607	1.9755	2.0760	1.4886	1.5512	2.0412	2.1335
Lu-174m	2.1215	1.7723	2.5161	2.7782	1.6768	1.7033	2.5532	2.8167
Lu-176	3.5763	3.3967	3.8808	3.8560	3.2822	3.4455	4.0731	4.0620
Lu-176m	0.4527	0.3766	0.5397	0.5982	0.3576	0.3612	0.5462	0.6082
Lu-177	0.4076	0.3840	0.4453	0.4469	0.3701	0.3880	0.4660	0.4672
Lu-177m	8.0431	7.6880	8.6639	8.5567	7.4301	7.8363	9.1190	8.9793
Lu-178	0.4062	0.3628	0.4599	0.4828	0.3493	0.3623	0.4767	0.4991
Lu-178m	6.5119	6.2734	6.9640	6.8164	6.0801	6.4248	7.3451	7.2144
Lu-179	0.2148	0.2114	0.2268	0.2170	0.2049	0.2169	0.2410	0.2315
Lu-180	3.1938	3.0819	3.4015	3.3132	2.9993	3.1813	3.6221	3.5144
Lu-181	2.7133	2.4875	3.0156	3.0981	2.3959	2.4982	3.1431	3.2202
Mg-27	1.3122	1.3097	1.3597	1.2765	1.2795	1.3747	1.4745	1.3686
Mg-28	2.7298	2.7107	2.8157	2.6372	2.5924	2.7739	3.0033	2.8032
Mn-50m	4.3405	4.3196	4.4843	4.2039	4.2375	4.5517	4.8733	4.5242
Mn-51	0.0140	0.0110	0.0172	0.0197	0.0105	0.0103	0.0174	0.0199
Mn-52	4.0569	3.9697	4.2595	4.0769	3.8847	4.1506	4.5971	4.3558
Mn-52m	1.3026	1.2920	1.3421	1.2544	1.2738	1.3700	1.4666	1.3556
Mn-53	0.2480	0.1481	0.3514	0.4503	0.1347	0.1127	0.3366	0.4405
Mn-54	1.5239	1.4184	1.6720	1.6943	1.3777	1.4476	1.7661	1.7738
Mn-56	1.8233	1.8150	1.8840	1.7633	1.7809	1.9152	2.0562	1.9023
Mn-57	0.8823	0.7192	1.0656	1.1914	0.6636	0.6523	1.0636	1.1981
Mn-58m	2.8980	2.8808	2.9919	2.8096	2.8284	3.0375	3.2486	3.0243
Mo-101	2.4085	2.3538	2.5354	2.4310	2.2870	2.4322	2.7184	2.5962
Mo-102	0.1560	0.1546	0.1635	0.1554	0.1491	0.1577	0.1736	0.1642
Mo-89	0.3061	0.3006	0.3197	0.3034	0.2894	0.3079	0.3423	0.3238
Mo-90	4.1524	3.9682	4.4563	4.3551	3.6573	3.7926	4.5806	4.5013
Mo-91m	1.2817	1.2646	1.3316	1.2565	1.2280	1.3097	1.4324	1.3478
Mo-91	0.0797	0.0717	0.0888	0.0904	0.0601	0.0596	0.0871	0.0913
Mo-93	1.0420	0.9197	1.1777	1.2160	0.7439	0.7223	1.1314	1.2134
Mo-93m	3.7357	3.6731	3.8994	3.6944	3.5454	3.7687	4.1650	3.9363
Mo-99	0.4658	0.4582	0.4876	0.4652	0.4383	0.4643	0.5164	0.4912

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	0.8786	0.8724	0.8987	0.8289	0.8686	0.9392	0.9945	0.9168
Na-22	1.3044	1.2960	1.3428	1.2575	1.2764	1.3719	1.4616	1.3564
Na-24	2.5424	2.5260	2.6131	2.4285	2.4960	2.6882	2.8673	2.6449
Nb-87	2.6542	2.5471	2.8502	2.7819	2.3651	2.4559	2.9493	2.9137
Nb-88m	4.8027	4.7748	4.9846	4.6834	4.6570	4.9837	5.3862	5.0299
Nb-88	6.3002	6.1883	6.6104	6.2932	5.9373	6.3075	7.0424	6.6953
Nb-89	0.6761	0.6385	0.7270	0.7116	0.5886	0.6125	0.7559	0.7449
Nb-89m	1.3516	1.3148	1.4237	1.3738	1.2530	1.3239	1.5023	1.4544
Nb-90	4.6403	4.5115	4.8957	4.6877	4.2980	4.5416	5.2081	4.9554
Nb-91	1.0557	0.9125	1.2120	1.2709	0.7335	0.7040	1.1608	1.2655
Nb-91m	0.9193	0.8136	1.0374	1.0698	0.6642	0.6478	1.0009	1.0699
Nb-92	3.6138	3.4669	3.8598	3.7562	3.2328	3.3847	4.0282	3.9380
Nb-92m	2.4116	2.2679	2.6192	2.5888	2.0547	2.1239	2.6890	2.6787
Nb-93m	0.2031	0.1744	0.2345	0.2482	0.1421	0.1367	0.2252	0.2470
Nb-94m	0.7187	0.6333	0.8135	0.8415	0.5138	0.4992	0.7824	0.8401
Nb-94	2.5274	2.5160	2.6165	2.4613	2.4605	2.6373	2.8286	2.6428
Nb-95	1.2548	1.2468	1.2975	1.2241	1.2213	1.3094	1.4011	1.3131
Nb-95m	1.0872	1.0028	1.1967	1.1996	0.8740	0.8821	1.1920	1.2229
Nb-96	4.0880	4.0661	4.2322	3.9856	3.9774	4.2611	4.5707	4.2789
Nb-97	1.2638	1.2556	1.3081	1.2301	1.2281	1.3108	1.4090	1.3254
Nb-98m	3.9968	3.9712	4.1340	3.8885	3.8893	4.1694	4.4747	4.1790
Nb-99	2.7389	2.6583	2.9064	2.8161	2.4895	2.6042	3.0151	2.9140
Nb-99m	0.9536	0.9384	0.9953	0.9420	0.9056	0.9635	1.0653	1.0064
Nd-134	2.9779	2.9093	3.1377	3.0197	2.7850	2.9537	3.3140	3.1631
Nd-135	3.3751	3.2749	3.5726	3.4579	3.1395	3.3274	3.7718	3.6501
Nd-136	2.8588	2.7418	3.0430	2.9774	2.5981	2.7513	3.1820	3.0990
Nd-137	3.0683	2.9860	3.2259	3.1025	2.8562	3.0430	3.4123	3.2749
Nd-138	1.2632	1.2023	1.3476	1.3236	1.1243	1.1903	1.3996	1.3719
Nd-139	1.2065	1.1594	1.2788	1.2447	1.0950	1.1622	1.3391	1.2997
Nd-139m	4.5164	4.4210	4.7353	4.5344	4.2511	4.5323	5.0333	4.7878
Nd-140	1.1627	1.1028	1.2428	1.2245	1.0285	1.0884	1.2885	1.2667
Nd-141	1.1836	1.1250	1.2632	1.2420	1.0505	1.1125	1.3114	1.2860
Nd-141m	1.2466	1.2341	1.2927	1.2240	1.2048	1.2902	1.3916	1.3097
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	1.3707	1.3287	1.4479	1.4030	1.2719	1.3527	1.5242	1.4773
Nd-149	2.3244	2.2820	2.4437	2.3393	2.2048	2.3402	2.5912	2.4754
Nd-151	2.6505	2.6190	2.7674	2.6305	2.5433	2.7099	2.9548	2.7859
Nd-152	1.0396	0.9929	1.1205	1.1010	0.9482	0.9930	1.1703	1.1494
Ne-19	0.0002	0.0002	0.0003	0.0002	0.0002	0.0003	0.0003	0.0003
Ne-24	1.3824	1.3727	1.4324	1.3556	1.3414	1.4331	1.5384	1.4552
Ni-56	4.8513	4.6489	5.2084	5.1361	4.5212	4.7680	5.5267	5.3839
Ni-57	1.8035	1.6949	1.9542	1.9482	1.6566	1.7468	2.0843	2.0528

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Ni-59	0.4300	0.2569	0.6093	0.7807	0.2335	0.1954	0.5837	0.7637
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.5948	0.5918	0.6140	0.5736	0.5815	0.6249	0.6691	0.6187
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	5.2364	4.8724	5.7495	5.7916	4.5519	4.7169	5.9179	5.9994
Np-233	2.0020	1.8139	2.2454	2.3173	1.6641	1.6998	2.2699	2.3707
Np-234	3.1950	2.9205	3.5470	3.6197	2.7065	2.7879	3.6336	3.7336
Np-235	0.7997	0.6215	0.9898	1.1252	0.5171	0.4817	0.9475	1.1134
Np-236	4.5305	3.9533	5.2142	5.5267	3.5119	3.5064	5.1787	5.5812
Np-236m	1.1472	1.0266	1.2976	1.3513	0.9323	0.9459	1.3037	1.3771
Np-237	1.7096	1.4495	2.0013	2.1588	1.2576	1.2381	1.9628	2.1704
Np-238	1.5008	1.3743	1.6699	1.7002	1.2559	1.2922	1.7093	1.7503
Np-239	3.0122	2.7295	3.3791	3.4876	2.5100	2.5625	3.4217	3.5654
Np-240	4.4723	4.1053	4.9570	5.0457	3.7705	3.8745	5.0592	5.1943
Np-240m	1.2483	1.1297	1.3947	1.4342	1.0284	1.0497	1.4143	1.4735
Np-241	0.7718	0.7008	0.8638	0.8897	0.6406	0.6536	0.8730	0.9079
Np-242	0.4095	0.3885	0.4404	0.4333	0.3681	0.3866	0.4632	0.4555
Np-242m	3.8896	3.5286	4.3468	4.4668	3.2102	3.2798	4.4088	4.5715
O-14	1.2509	1.2433	1.2864	1.1873	1.2300	1.3256	1.4273	1.3044
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	2.2356	2.2263	2.3260	2.1889	2.1698	2.3112	2.5013	2.3599
Os-180	2.3526	2.0123	2.7485	2.9817	1.8890	1.9313	2.7856	3.0391
Os-181	4.9822	4.6409	5.4714	5.5340	4.4770	4.7154	5.7356	5.7756
Os-182	3.4088	3.0920	3.8227	3.9695	2.9672	3.0929	3.9644	4.1094
Os-183	4.8205	4.4558	5.3210	5.4251	4.2888	4.5072	5.5441	5.6478
Os-183m	2.7670	2.5655	3.0495	3.0966	2.4725	2.6088	3.2013	3.2321
Os-185	2.6869	2.4895	2.9566	3.0038	2.4007	2.5263	3.0942	3.1402
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	0.4058	0.2454	0.5720	0.7298	0.2217	0.1864	0.5478	0.7142
Os-190m	5.7664	5.4842	6.2249	6.1743	5.3163	5.5895	6.5653	6.5156
Os-191	2.1791	1.8497	2.5644	2.8016	1.7480	1.7774	2.5998	2.8489
Os-191m	0.5528	0.3825	0.7331	0.8926	0.3521	0.3251	0.7151	0.8839
Os-193	0.6483	0.5749	0.7394	0.7815	0.5485	0.5662	0.7596	0.8049
Os-194	0.4391	0.3011	0.5839	0.7121	0.2723	0.2476	0.5666	0.7029
Os-196	0.6289	0.5881	0.6887	0.6946	0.5661	0.5951	0.7188	0.7255
P-30	0.0010	0.0009	0.0010	0.0009	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	0.8552	0.7286	1.0005	1.0791	0.6485	0.6456	0.9912	1.0906
Pa-228	5.5992	5.1029	6.2456	6.4028	4.7303	4.8641	6.3891	6.6062
Pa-229	1.8034	1.5945	2.0585	2.1649	1.4497	1.4667	2.0653	2.2087
Pa-230	3.2564	2.9559	3.6453	3.7512	2.7264	2.7973	3.7157	3.8619
Pa-231	1.5536	1.2457	1.8881	2.1126	1.0712	1.0256	1.8341	2.1061

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Pa-232	2.8463	2.6391	3.1330	3.1630	2.4534	2.5404	3.2311	3.2744
Pa-233	2.5038	2.2503	2.8235	2.9275	2.0590	2.0940	2.8502	2.9974
Pa-234	5.5410	5.1242	6.1102	6.1854	4.7621	4.9211	6.2806	6.3913
Pa-234m	0.0446	0.0414	0.0491	0.0495	0.0386	0.0400	0.0507	0.0513
Pa-235	0.1456	0.0873	0.2061	0.2637	0.0792	0.0664	0.1974	0.2580
Pa-236	1.9823	1.8377	2.1744	2.1872	1.7168	1.7797	2.2511	2.2775
Pa-237	1.2128	1.1645	1.2967	1.2729	1.1298	1.1963	1.3789	1.3456
Pb-194	4.1372	3.8523	4.5411	4.5868	3.6894	3.8663	4.7371	4.8162
Pb-195m	5.7883	5.3689	6.3684	6.4509	5.1369	5.3625	6.6295	6.7563
Pb-196	3.7735	3.4834	4.1756	4.2567	3.3232	3.4683	4.3262	4.4462
Pb-197	3.8464	3.6256	4.1734	4.1601	3.4916	3.6777	4.3866	4.3891
Pb-197m	5.0796	4.7105	5.5932	5.6688	4.5033	4.7001	5.8160	5.9371
Pb-198	3.6495	3.3620	4.0457	4.1307	3.2058	3.3398	4.1865	4.3087
Pb-199	3.2973	3.0786	3.6077	3.6312	2.9544	3.1006	3.7703	3.8169
Pb-200	3.3928	3.0519	3.8312	3.9975	2.8865	2.9809	3.9294	4.1288
Pb-201	3.7330	3.4889	4.0879	4.1159	3.3444	3.5044	4.2590	4.3202
Pb-201m	1.3796	1.2857	1.5108	1.5225	1.2299	1.2860	1.5747	1.6013
Pb-202	0.4273	0.2691	0.5918	0.7438	0.2380	0.2034	0.5658	0.7289
Pb-202m	4.3372	4.2186	4.5903	4.4346	4.0885	4.3415	4.8916	4.7162
Pb-203	3.1029	2.8589	3.4418	3.5116	2.7260	2.8398	3.5574	3.6606
Pb-204m	3.9178	3.8745	4.0931	3.8813	3.7731	4.0307	4.3995	4.1508
Pb-205	0.4325	0.2724	0.5990	0.7529	0.2410	0.2059	0.5727	0.7377
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	0.5621	0.4074	0.7256	0.8587	0.3510	0.3221	0.6983	0.8486
Pb-211	0.1629	0.1587	0.1718	0.1657	0.1541	0.1635	0.1828	0.1766
Pb-212	1.4834	1.3885	1.6273	1.6352	1.3223	1.3796	1.6872	1.7118
Pb-214	1.5579	1.4645	1.6995	1.6997	1.4007	1.4634	1.7680	1.7830
Pd-100	3.7458	3.6112	3.9709	3.8449	3.2461	3.3895	4.0233	3.9923
Pd-101	2.7807	2.6441	2.9769	2.9105	2.3130	2.3807	2.9725	2.9778
Pd-103	1.1316	1.0586	1.2244	1.2125	0.8865	0.8984	1.1927	1.2225
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.2922	1.2636	1.3649	1.3095	1.1764	1.2331	1.4185	1.3749
Pd-109	0.6188	0.5806	0.6684	0.6626	0.5034	0.5159	0.6639	0.6740
Pd-111	0.1009	0.0998	0.1048	0.0990	0.0963	0.1028	0.1119	0.1059
Pd-112	0.4579	0.4102	0.5126	0.5260	0.3379	0.3337	0.4947	0.5264
Pd-114	0.2034	0.2015	0.2127	0.2019	0.1942	0.2055	0.2252	0.2126
Pd-96	3.4970	3.4257	3.6665	3.5084	3.2283	3.4082	3.8408	3.6742
Pd-97	2.9170	2.8745	3.0455	2.8821	2.7573	2.9305	3.2416	3.0633
Pd-98	3.1553	3.0569	3.3400	3.2272	2.7964	2.9236	3.4208	3.3400
Pd-99	2.8854	2.8261	3.0307	2.8999	2.6625	2.8048	3.1725	3.0282
Pm-136	4.0356	4.0028	4.1909	3.9569	3.9059	4.1697	4.4986	4.2410
Pm-137m	4.8721	4.7849	5.1102	4.8863	4.6200	4.9121	5.4272	5.1699
Pm-139	0.8977	0.8721	0.9447	0.9100	0.8365	0.8897	0.9995	0.9610



<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Pm-140m	4.4575	4.4173	4.6353	4.3803	4.2991	4.6002	4.9875	4.6849
Pm-140	0.3418	0.3336	0.3584	0.3437	0.3213	0.3428	0.3817	0.3636
Pm-141	0.8274	0.7948	0.8771	0.8534	0.7546	0.8023	0.9232	0.8937
Pm-142	0.3329	0.3180	0.3541	0.3463	0.3005	0.3191	0.3712	0.3612
Pm-143	1.6540	1.5883	1.7540	1.7103	1.5079	1.6021	1.8424	1.7892
Pm-144	4.2869	4.2028	4.4803	4.2794	4.0638	4.3297	4.7752	4.5549
Pm-145	1.2079	1.1385	1.2993	1.2898	1.0668	1.1278	1.3485	1.3352
Pm-146	2.3669	2.3138	2.4789	2.3778	2.2324	2.3787	2.6353	2.5219
Pm-147	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Pm-148	0.7564	0.7521	0.7817	0.7337	0.7374	0.7911	0.8481	0.7901
Pm-148m	4.3189	4.2845	4.4834	4.2334	4.1821	4.4646	4.8192	4.5450
Pm-149	0.0556	0.0540	0.0591	0.0571	0.0523	0.0552	0.0624	0.0603
Pm-150	2.4130	2.3965	2.5027	2.3537	2.3452	2.5073	2.6980	2.5281
Pm-151	1.8434	1.8021	1.9424	1.8675	1.7410	1.8482	2.0586	1.9728
Pm-152m	4.1694	4.1073	4.3682	4.1586	3.9908	4.2474	4.6636	4.4062
Pm-152	0.7699	0.7548	0.8086	0.7751	0.7316	0.7790	0.8628	0.8180
Pm-153	1.2014	1.1529	1.2836	1.2608	1.1009	1.1611	1.3441	1.3111
Pm-154	2.3158	2.2664	2.4299	2.3182	2.2072	2.3604	2.6221	2.4809
Pm-154m	3.9522	3.8744	4.1468	3.9645	3.7658	4.0133	4.4374	4.2218
Po-203	4.3326	4.0625	4.7327	4.7431	3.8766	4.0659	4.9498	4.9846
Po-204	6.2930	5.6871	7.0779	7.3404	5.3709	5.5515	7.2769	7.6148
Po-205	4.1233	3.8765	4.4920	4.4919	3.7072	3.8962	4.7069	4.7246
Po-206	5.0835	4.6312	5.6796	5.8459	4.3767	4.5337	5.8566	6.0790
Po-207	3.7450	3.5266	4.0792	4.0738	3.3702	3.5419	4.2727	4.2868
Po-208	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-209	0.0480	0.0381	0.0591	0.0672	0.0359	0.0352	0.0591	0.0679
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-211	0.0147	0.0146	0.0153	0.0145	0.0143	0.0153	0.0165	0.0155
Po-212m	0.0585	0.0580	0.0604	0.0564	0.0571	0.0613	0.0659	0.0614
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	5.6730	5.6210	5.9003	5.5724	5.4700	5.8324	6.3238	5.9695
Pr-134m	2.6045	2.5772	2.7048	2.5509	2.5112	2.6820	2.9109	2.7392
Pr-135	2.2569	2.1951	2.3771	2.2882	2.0893	2.2193	2.4998	2.4087
Pr-136	2.9509	2.9113	3.0698	2.9119	2.8245	3.0181	3.2930	3.1124
Pr-137	1.0434	0.9989	1.1077	1.0812	0.9350	0.9912	1.1534	1.1229
Pr-138	0.3520	0.3371	0.3734	0.3642	0.3159	0.3351	0.3892	0.3786
Pr-138m	5.0527	4.9839	5.2767	5.0101	4.8190	5.1465	5.6405	5.3238
Pr-139	1.1092	1.0559	1.1816	1.1592	0.9817	1.0391	1.2239	1.1986

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Pr-140	0.5914	0.5630	0.6301	0.6181	0.5234	0.5540	0.6526	0.6391
Pr-142	0.0478	0.0474	0.0492	0.0457	0.0468	0.0505	0.0540	0.0495
Pr-142m	0.0195	0.0117	0.0277	0.0354	0.0106	0.0089	0.0265	0.0347
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0295	0.0293	0.0305	0.0285	0.0288	0.0309	0.0332	0.0309
Pr-144m	0.5337	0.4801	0.5965	0.6190	0.4468	0.4639	0.6102	0.6328
Pr-145	0.0445	0.0437	0.0465	0.0443	0.0422	0.0451	0.0497	0.0471
Pr-146	1.4066	1.3968	1.4541	1.3669	1.3696	1.4671	1.5741	1.4728
Pr-147	2.7589	2.6697	2.9151	2.8237	2.5504	2.7108	3.0711	2.9714
Pr-148	1.8201	1.8070	1.8919	1.7808	1.7656	1.8846	2.0338	1.9080
Pr-148m	2.6949	2.6725	2.8051	2.6499	2.6070	2.7759	2.9989	2.8339
Pt-184	6.9975	6.3162	7.8806	8.2102	6.0398	6.2833	8.1415	8.4971
Pt-186	3.4980	3.2034	3.8884	3.9945	3.0753	3.2211	4.0425	4.1609
Pt-187	4.3480	3.9304	4.8891	5.0840	3.7593	3.9199	5.0526	5.2670
Pt-188	3.0787	2.7393	3.5060	3.6953	2.6097	2.7042	3.6042	3.8158
Pt-189	4.0580	3.6275	4.5986	4.8258	3.4631	3.6004	4.7370	4.9876
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	3.6562	3.2609	4.1496	4.3638	3.1097	3.2346	4.2683	4.5082
Pt-193	0.4482	0.2788	0.6241	0.7881	0.2482	0.2111	0.5970	0.7719
Pt-193m	0.7433	0.5382	0.9626	1.1481	0.4945	0.4665	0.9432	1.1431
Pt-195m	2.6330	2.1448	3.1829	3.5679	2.0054	2.0050	3.1897	3.6125
Pt-197	0.7404	0.6005	0.8978	1.0079	0.5578	0.5523	0.8965	1.0237
Pt-197m	1.7635	1.4314	2.1364	2.3976	1.3346	1.3300	2.1382	2.4276
Pt-199	0.7289	0.6956	0.7846	0.7755	0.6727	0.7088	0.8272	0.8188
Pt-200	1.2500	1.0698	1.4626	1.5860	1.0069	1.0233	1.4823	1.6232
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pu-232	1.4933	1.3555	1.6722	1.7232	1.2419	1.2684	1.6900	1.7603
Pu-234	1.7164	1.5456	1.9332	2.0045	1.4091	1.4335	1.9470	2.0432
Pu-235	2.3281	2.0798	2.6360	2.7489	1.8854	1.9106	2.6460	2.7960
Pu-236	0.2522	0.2016	0.3064	0.3420	0.1664	0.1567	0.2933	0.3389
Pu-237	1.6728	1.4607	1.9243	2.0402	1.3060	1.3085	1.9142	2.0636
Pu-238	0.2328	0.1860	0.2830	0.3160	0.1534	0.1444	0.2708	0.3132
Pu-239	0.1272	0.0959	0.1603	0.1856	0.0807	0.0744	0.1535	0.1833
Pu-240	0.2190	0.1750	0.2661	0.2971	0.1444	0.1359	0.2547	0.2945
Pu-241	0.0001	0.0000	0.0001	0.0001	0.0000	0.0000	0.0001	0.0001
Pu-242	0.1878	0.1501	0.2282	0.2548	0.1238	0.1166	0.2185	0.2525
Pu-243	0.6380	0.5844	0.7077	0.7227	0.5364	0.5521	0.7177	0.7485
Pu-244	0.1835	0.1521	0.2181	0.2384	0.1297	0.1256	0.2123	0.2385
Pu-245	1.6921	1.6221	1.8141	1.7780	1.5409	1.6156	1.8938	1.8613
Pu-246	2.5559	2.3679	2.8135	2.8445	2.1817	2.2503	2.8710	2.9239
Ra-219	1.0946	1.0410	1.1834	1.1702	0.9954	1.0424	1.2330	1.2313
Ra-220	0.0135	0.0133	0.0141	0.0134	0.0130	0.0138	0.0150	0.0144
Ra-221	0.9127	0.7791	1.0691	1.1558	0.7073	0.7054	1.0683	1.1698

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Ra-222	0.0427	0.0419	0.0451	0.0432	0.0406	0.0429	0.0476	0.0459
Ra-223	1.8546	1.6846	2.0786	2.1466	1.5840	1.6315	2.1279	2.2217
Ra-224	0.0733	0.0708	0.0785	0.0764	0.0680	0.0714	0.0824	0.0803
Ra-225	0.7035	0.6284	0.7904	0.8195	0.5662	0.5800	0.7970	0.8351
Ra-226	1.3959	1.3879	1.4472	1.3105	1.3634	1.4487	1.5833	1.4198
Ra-227	1.9312	1.6625	2.2415	2.3987	1.4879	1.4845	2.2306	2.4293
Ra-228	1.4696	1.4770	1.5242	1.4012	1.4333	1.5285	1.6295	1.5221
Ra-230	0.9418	0.8556	1.0544	1.0874	0.7987	0.8230	1.0774	1.1236
Rb-77	2.1973	2.1401	2.3241	2.2410	2.0539	2.1890	2.4585	2.3729
Rb-78m	3.3002	3.2692	3.4229	3.2259	3.1978	3.4199	3.6979	3.4711
Rb-78	2.5392	2.4956	2.6448	2.5039	2.4401	2.6078	2.8578	2.7009
Rb-79	2.6808	2.5400	2.9046	2.8837	2.4094	2.5149	3.0297	3.0043
Rb-80	0.3816	0.3752	0.3986	0.3792	0.3649	0.3878	0.4265	0.4067
Rb-81	1.2828	1.1025	1.4908	1.5946	0.9859	0.9855	1.4862	1.6227
Rb-81m	0.8725	0.7088	1.0512	1.1582	0.5844	0.5573	1.0086	1.1555
Rb-82	0.2499	0.2375	0.2686	0.2651	0.2269	0.2391	0.2827	0.2788
Rb-82m	5.0239	4.8111	5.3733	5.2590	4.6098	4.8647	5.6787	5.5554
Rb-83	2.1664	1.9076	2.4742	2.6058	1.7384	1.7627	2.4980	2.6716
Rb-84	1.5970	1.4282	1.8076	1.8782	1.3088	1.3400	1.8427	1.9307
Rb-84m	2.0947	2.0120	2.2491	2.1958	1.9119	2.0028	2.3495	2.3053
Rb-86m	1.2601	1.2479	1.3082	1.2398	1.2172	1.2985	1.4042	1.3312
Rb-86	0.1164	0.1164	0.1206	0.1126	0.1136	0.1222	0.1313	0.1210
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rb-88	0.5186	0.5161	0.5350	0.4974	0.5078	0.5469	0.5887	0.5402
Rb-89	2.2252	2.2192	2.3003	2.1462	2.1758	2.3390	2.5099	2.3170
Rb-90	1.1779	1.1722	1.2141	1.1331	1.1540	1.2426	1.3256	1.2285
Rb-90m	2.7042	2.6856	2.7942	2.6184	2.6369	2.8344	3.0427	2.8271
Re-178	3.5748	3.3147	3.9393	3.9986	3.1998	3.3613	4.1267	4.1705
Re-179	4.3642	4.0897	4.7633	4.7889	3.9518	4.1628	4.9992	5.0137
Re-180	3.7388	3.4443	4.1421	4.2375	3.3173	3.4864	4.3329	4.4063
Re-181	4.3941	4.0490	4.8616	4.9681	3.8990	4.0905	5.0691	5.1734
Re-182	8.5651	7.9852	9.4054	9.5133	7.6993	8.0971	9.8460	9.9171
Re-182m	4.4432	4.1108	4.8983	4.9866	3.9607	4.1763	5.1260	5.1974
Re-183	3.5168	3.0773	4.0484	4.3276	2.9333	3.0286	4.1523	4.4288
Re-184	3.3484	3.0928	3.6984	3.7752	2.9799	3.1357	3.8692	3.9267
Re-184m	3.1953	2.8331	3.6477	3.8579	2.7121	2.8058	3.7570	3.9675
Re-186	0.3888	0.3502	0.4387	0.4589	0.3353	0.3479	0.4529	0.4705
Re-186m	1.4588	1.0194	1.9237	2.3323	0.9395	0.8716	1.8801	2.3097
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	0.4337	0.4074	0.4744	0.4782	0.3930	0.4116	0.4977	0.4950
Re-188m	2.2116	1.8538	2.6237	2.8922	1.7580	1.7897	2.6589	2.9398
Re-189	0.5022	0.4595	0.5615	0.5781	0.4410	0.4576	0.5826	0.6002
Re-190	4.1272	4.0521	4.3371	4.1529	3.9443	4.1895	4.6283	4.4332

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Re-190m	3.7126	3.5244	4.0133	3.9878	3.4131	3.5968	4.2281	4.1975
Rh-100m	1.6960	1.5973	1.8263	1.8004	1.3703	1.4032	1.8029	1.8298
Rh-100	4.1247	4.0228	4.3256	4.1295	3.7967	4.0154	4.5635	4.3724
Rh-101	3.6500	3.5419	3.8723	3.7412	3.2730	3.4151	3.9927	3.8934
Rh-101m	2.3298	2.2349	2.4871	2.4175	2.0280	2.1036	2.5307	2.5034
Rh-102	1.5035	1.4440	1.5981	1.5531	1.3149	1.3700	1.6367	1.6152
Rh-102m	5.1723	5.0636	5.4217	5.1779	4.7963	5.0727	5.7115	5.4806
Rh-103m	0.1502	0.1307	0.1723	0.1826	0.1108	0.1095	0.1672	0.1825
Rh-104	0.0321	0.0315	0.0336	0.0320	0.0301	0.0319	0.0355	0.0340
Rh-104m	1.8242	1.7505	1.9352	1.8793	1.5582	1.6263	1.9577	1.9299
Rh-105	0.3443	0.3413	0.3595	0.3398	0.3320	0.3522	0.3818	0.3626
Rh-106	0.4367	0.4339	0.4523	0.4271	0.4239	0.4530	0.4868	0.4591
Rh-106m	4.8455	4.8175	5.0163	4.7232	4.7122	5.0446	5.4154	5.0761
Rh-107	1.3338	1.3224	1.3923	1.3156	1.2866	1.3654	1.4802	1.4029
Rh-108	0.8334	0.8271	0.8639	0.8157	0.8077	0.8611	0.9264	0.8768
Rh-109	1.5602	1.5409	1.6328	1.5498	1.4820	1.5685	1.7247	1.6431
Rh-94	3.1127	3.0938	3.2156	3.0128	3.0347	3.2570	3.4930	3.2441
Rh-95	2.3098	2.2792	2.4077	2.2737	2.1885	2.3344	2.5794	2.4247
Rh-95m	1.3456	1.3287	1.3985	1.3267	1.2836	1.3672	1.4930	1.4188
Rh-96	5.1576	5.1034	5.3543	5.0541	4.9503	5.2837	5.7497	5.4139
Rh-96m	1.5278	1.4874	1.6062	1.5374	1.3909	1.4697	1.6852	1.6179
Rh-97	2.0785	2.0314	2.1802	2.0833	1.9223	2.0302	2.2922	2.2046
Rh-97m	3.4468	3.3627	3.6254	3.4614	3.1629	3.3365	3.8162	3.6609
Rh-98	1.5349	1.5172	1.5943	1.5043	1.4700	1.5651	1.7086	1.6140
Rh-99	3.3627	3.2295	3.5799	3.4792	2.9352	3.0542	3.6530	3.6144
Rh-99m	2.5719	2.4784	2.7313	2.6428	2.2741	2.3712	2.8042	2.7548
Rn-207	3.2327	3.0664	3.4934	3.4618	2.9361	3.0813	3.6543	3.6513
Rn-209	3.6198	3.4261	3.9156	3.8862	3.2798	3.4423	4.0985	4.0994
Rn-210	0.2729	0.2518	0.3017	0.3069	0.2382	0.2475	0.3120	0.3204
Rn-211	4.4546	4.2328	4.8030	4.7461	4.0598	4.2719	5.0529	5.0076
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	0.2904	0.2823	0.3083	0.2977	0.2729	0.2880	0.3251	0.3150
Rn-220	1.5599	1.5512	1.6318	1.5073	1.5157	1.6140	1.7452	1.6236
Rn-222	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0011	0.0011
Rn-223	1.9262	1.6979	2.2026	2.3255	1.5750	1.6011	2.2363	2.3856
Ru-103	1.2736	1.2638	1.3199	1.2518	1.2325	1.3170	1.4166	1.3421
Ru-105	1.9137	1.8889	1.9947	1.8932	1.8194	1.9331	2.1204	2.0136
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	0.7675	0.7626	0.7981	0.7526	0.7414	0.7907	0.8566	0.8069

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Ru-108	0.7416	0.7280	0.7819	0.7515	0.6913	0.7279	0.8220	0.7825
Ru-92	7.3267	7.1106	7.7645	7.4786	6.6243	6.9413	8.0639	7.8073
Ru-94	2.4730	2.3637	2.6434	2.5760	2.1513	2.2321	2.7021	2.6757
Ru-95	3.0841	2.9849	3.2670	3.1474	2.7809	2.9149	3.3964	3.3021
Ru-97	2.6078	2.4978	2.7959	2.7237	2.2696	2.3492	2.8541	2.8320
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	1.1628	1.1552	1.1920	1.1024	1.1457	1.2377	1.3134	1.2118
S-38	1.1048	1.0976	1.1374	1.0498	1.0846	1.1698	1.2681	1.1519
Sb-111	2.4034	2.3766	2.5090	2.3882	2.2851	2.4255	2.6692	2.5122
Sb-113	1.8597	1.8303	1.9389	1.8476	1.7472	1.8560	2.0520	1.9588
Sb-114	2.2616	2.2391	2.3400	2.2000	2.1776	2.3319	2.5258	2.3584
Sb-115	2.0810	2.0369	2.1751	2.0829	1.9199	2.0329	2.2841	2.1943
Sb-116	2.2257	2.1925	2.3111	2.1823	2.1033	2.2447	2.4742	2.3245
Sb-116m	6.3514	6.2624	6.6192	6.2781	5.9871	6.3697	7.0346	6.6473
Sb-117	2.6521	2.5865	2.7933	2.6890	2.4037	2.5243	2.9062	2.7780
Sb-118	0.3614	0.3473	0.3818	0.3697	0.3118	0.3257	0.3898	0.3809
Sb-118m	6.4602	6.3556	6.7468	6.3972	6.0197	6.3933	7.1296	6.7400
Sb-119	1.4392	1.3571	1.5445	1.5242	1.1942	1.2336	1.5525	1.5537
Sb-120	0.7059	0.6752	0.7483	0.7275	0.5981	0.6220	0.7573	0.7452
Sb-120m	6.6810	6.6050	6.9744	6.6044	6.3035	6.7053	7.4039	7.0204
Sb-122m	2.2966	2.2120	2.4328	2.3640	2.0473	2.1723	2.5154	2.4602
Sb-122	0.9958	0.9879	1.0318	0.9750	0.9630	1.0278	1.1080	1.0471
Sb-124	2.4016	2.3858	2.4812	2.3247	2.3402	2.5061	2.6932	2.5120
Sb-124m	1.0065	0.9785	1.0627	1.0281	0.9541	1.0119	1.1341	1.0967
Sb-124n	0.0681	0.0407	0.0964	0.1236	0.0370	0.0310	0.0924	0.1209
Sb-125	1.9688	1.9263	2.0592	1.9673	1.8184	1.9247	2.1614	2.0723
Sb-126	5.5161	5.4798	5.7129	5.3804	5.3576	5.7219	6.1482	5.7851
Sb-126m	3.3300	3.3027	3.4524	3.2567	3.2286	3.4439	3.7097	3.5021
Sb-127	1.6011	1.5876	1.6611	1.5694	1.5467	1.6509	1.7812	1.6803
Sb-128	6.1121	6.0716	6.3342	5.9720	5.9350	6.3422	6.8147	6.4094
Sb-128m	3.9702	3.9417	4.1197	3.8882	3.8517	4.1143	4.4247	4.1654
Sb-129	2.1391	2.1296	2.2147	2.0805	2.0832	2.2342	2.3992	2.2352
Sb-130m	4.6474	4.6245	4.8196	4.5406	4.5122	4.8331	5.2031	4.8618
Sb-130	6.7207	6.6781	6.9790	6.5849	6.5119	6.9575	7.5052	7.0456
Sb-131	2.7011	2.6906	2.7972	2.6197	2.6315	2.8221	3.0361	2.8188
Sb-133	2.8364	2.8243	2.9305	2.7386	2.7714	2.9777	3.1932	2.9554
Sc-42m	3.9036	3.8773	4.0290	3.7773	3.8094	4.0856	4.3726	4.0732
Sc-43	0.3142	0.3060	0.3321	0.3202	0.2983	0.3153	0.3522	0.3413
Sc-44	1.3471	1.3408	1.3946	1.3074	1.3139	1.4117	1.5165	1.4059
Sc-44m	1.2752	1.2588	1.3410	1.2738	1.2252	1.2983	1.4242	1.3479
Sc-46	2.6401	2.6362	2.7339	2.5603	2.5772	2.7702	2.9704	2.7494
Sc-47	1.0733	1.0672	1.1228	1.0694	1.0374	1.0993	1.2015	1.1164
Sc-48	4.1294	4.1258	4.2765	3.9964	4.0338	4.3361	4.6538	4.2953

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Sc-49	0.0008	0.0008	0.0008	0.0007	0.0008	0.0008	0.0009	0.0008
Sc-50	3.7795	3.7606	3.9034	3.6562	3.6900	3.9633	4.2461	3.9410
Se-70	2.9804	2.4373	3.5902	4.0109	2.2813	2.2655	3.6088	4.0548
Se-71	1.5363	1.5088	1.6164	1.5517	1.4688	1.5600	1.7304	1.6340
Se-72	2.0746	1.6001	2.5850	2.9843	1.4681	1.4245	2.5602	2.9817
Se-73	2.7854	2.5919	3.0590	3.0943	2.4925	2.6166	3.1867	3.2392
Se-73m	0.4375	0.3574	0.5281	0.5893	0.3316	0.3284	0.5285	0.5966
Se-75	3.6178	3.2299	4.1186	4.3299	3.0852	3.1578	4.2314	4.4323
Se-77m	1.2546	1.1129	1.4364	1.5192	1.0487	1.0672	1.4712	1.5456
Se-79m	0.8776	0.6356	1.1358	1.3482	0.5599	0.5168	1.0982	1.3356
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0258	0.0256	0.0270	0.0255	0.0250	0.0266	0.0288	0.0272
Se-81m	0.9341	0.6919	1.1949	1.4044	0.6147	0.5749	1.1608	1.3937
Se-83m	1.3189	1.3151	1.3676	1.2793	1.2856	1.3785	1.4852	1.3777
Se-83	4.4215	4.3929	4.5858	4.3152	4.2973	4.5938	4.9471	4.6398
Se-84	1.3350	1.3238	1.3849	1.3072	1.2938	1.3768	1.4815	1.4056
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	2.3462	2.3046	2.4602	2.3468	2.2332	2.3753	2.6189	2.4919
Sm-140	1.8811	1.8138	1.9951	1.9398	1.7334	1.8404	2.1031	2.0345
Sm-141	2.1333	2.0903	2.2308	2.1293	2.0255	2.1588	2.3814	2.2684
Sm-141m	4.3998	4.3257	4.6070	4.3924	4.1849	4.4597	4.9220	4.6826
Sm-142	1.1129	1.0518	1.1942	1.1822	0.9894	1.0477	1.2435	1.2261
Sm-143	0.7086	0.6724	0.7584	0.7478	0.6345	0.6727	0.7922	0.7775
Sm-143m	1.2483	1.2343	1.2959	1.2287	1.2052	1.2903	1.3946	1.3143
Sm-145	2.2930	2.1750	2.4544	2.4221	2.0494	2.1753	2.5595	2.5157
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	0.0021	0.0014	0.0028	0.0035	0.0013	0.0011	0.0027	0.0034
Sm-153	1.5106	1.4488	1.6107	1.5798	1.3850	1.4701	1.6900	1.6492
Sm-155	1.5146	1.4910	1.5901	1.5242	1.4429	1.5338	1.6801	1.6008
Sm-156	1.4252	1.3503	1.5468	1.5415	1.2958	1.3597	1.6178	1.6156
Sm-157	2.1499	2.1209	2.2549	2.1481	2.0517	2.1797	2.4021	2.2948
Sn-106	3.7842	3.7125	3.9606	3.7748	3.5061	3.7073	4.1581	3.9723
Sn-108	3.7930	3.7135	3.9792	3.8009	3.4933	3.6822	4.1584	3.9895
Sn-109	3.3404	3.2802	3.4846	3.3018	3.1088	3.3031	3.6976	3.4985
Sn-110	2.5048	2.4394	2.6407	2.5317	2.2645	2.3766	2.7327	2.6380
Sn-111	0.9861	0.9470	1.0432	1.0095	0.8461	0.8820	1.0624	1.0401
Sn-113	1.1697	1.1156	1.2437	1.2117	0.9770	1.0110	1.2487	1.2369
Sn-113m	0.8123	0.7690	0.8688	0.8541	0.6784	0.7023	0.8751	0.8719
Sn-117m	2.4556	2.3947	2.5897	2.4968	2.2371	2.3501	2.7012	2.5805
Sn-119m	0.9662	0.8967	1.0511	1.0544	0.7880	0.8088	1.0525	1.0713

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.3041	0.2779	0.3353	0.3420	0.2486	0.2555	0.3376	0.3475
Sn-123	0.0086	0.0086	0.0089	0.0083	0.0084	0.0090	0.0097	0.0089
Sn-123m	1.5165	1.5016	1.5886	1.5163	1.4461	1.5299	1.6897	1.5806
Sn-125m	1.3854	1.3737	1.4445	1.3646	1.3379	1.4207	1.5370	1.4589
Sn-125	0.4367	0.4358	0.4524	0.4235	0.4260	0.4576	0.4917	0.4553
Sn-126	1.4571	1.3953	1.5567	1.5270	1.3031	1.3719	1.6083	1.5958
Sn-127m	1.2676	1.2582	1.3125	1.2428	1.2296	1.3150	1.4117	1.3340
Sn-127	2.8190	2.8051	2.9231	2.7460	2.7360	2.9308	3.1598	2.9449
Sn-128	4.2134	4.1055	4.4150	4.2343	3.8154	4.0320	4.5918	4.4308
Sn-129	1.6579	1.6479	1.7156	1.6110	1.6126	1.7235	1.8520	1.7357
Sn-130	3.9738	3.9237	4.1463	3.9366	3.7524	3.9913	4.3916	4.1831
Sn-130m	2.4467	2.4126	2.5498	2.4205	2.3042	2.4533	2.7053	2.5580
Sr-79	1.8228	1.7183	1.9771	1.9622	1.5975	1.6643	2.0358	2.0341
Sr-80	1.8292	1.6312	2.0703	2.1489	1.4640	1.4815	2.0808	2.2016
Sr-81	2.2616	2.2075	2.3936	2.3110	2.1217	2.2383	2.5332	2.4248
Sr-82	0.9960	0.7877	1.2195	1.3622	0.6300	0.5867	1.1561	1.3495
Sr-83	2.3564	2.0658	2.6965	2.8308	1.8296	1.8384	2.6906	2.8856
Sr-85	2.2317	2.0104	2.5034	2.5833	1.8217	1.8588	2.5328	2.6577
Sr-85m	1.6320	1.5789	1.7473	1.6977	1.5103	1.5846	1.8338	1.7834
Sr-87m	1.2616	1.2186	1.3395	1.2972	1.1647	1.2238	1.4056	1.3744
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	1.0685	1.0658	1.1075	1.0385	1.0411	1.1165	1.1997	1.1154
Sr-92	1.3478	1.3390	1.3889	1.2986	1.3180	1.4165	1.5138	1.4013
Sr-93	3.5905	3.5452	3.7415	3.5422	3.4448	3.6732	4.0221	3.7892
Sr-94	1.3449	1.3358	1.3844	1.2926	1.3165	1.4161	1.5123	1.3972
Ta-170	1.8828	1.7267	2.0948	2.1529	1.6603	1.7367	2.1814	2.2322
Ta-172	4.0721	3.8343	4.4311	4.4335	3.7064	3.9104	4.6690	4.6504
Ta-173	3.4524	3.1211	3.8741	4.0299	2.9901	3.1244	4.0198	4.1602
Ta-174	3.3628	3.1109	3.7148	3.7837	2.9934	3.1385	3.8823	3.9493
Ta-175	4.4507	4.1745	4.8512	4.8724	4.0262	4.2527	5.0989	5.0914
Ta-176	4.2019	3.9376	4.5736	4.5843	3.8146	4.0334	4.8382	4.8142
Ta-177	1.6968	1.5263	1.9093	1.9949	1.4575	1.5253	1.9739	2.0526
Ta-178	1.7698	1.5796	2.0029	2.1057	1.5078	1.5742	2.0673	2.1652
Ta-178m	8.1896	7.8006	8.8345	8.7495	7.5419	7.9594	9.2855	9.2122
Ta-179	0.9143	0.7743	1.0747	1.1758	0.7340	0.7513	1.0939	1.1954
Ta-180	1.4556	1.2945	1.6519	1.7422	1.2343	1.2872	1.7023	1.7890
Ta-182	3.5938	3.4016	3.8930	3.8764	3.2929	3.4870	4.1085	4.0709
Ta-182m	4.1956	3.7553	4.7608	5.0053	3.5962	3.7192	4.9179	5.1397
Ta-183	3.8728	3.4734	4.3845	4.5936	3.3272	3.4495	4.5245	4.7284
Ta-184	5.5157	5.2547	5.9525	5.8907	5.0951	5.3702	6.2797	6.1936
Ta-185	2.1742	1.9360	2.4778	2.6151	1.8528	1.9131	2.5552	2.6881

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Ta-186	5.0696	4.9363	5.3719	5.1985	4.7958	5.0813	5.7096	5.5223
Tb-146	2.9648	2.9287	3.0763	2.8949	2.8689	3.0808	3.3442	3.1122
Tb-147m	2.1952	2.1295	2.3078	2.2191	2.0691	2.2115	2.4788	2.3586
Tb-147	3.8178	3.7362	4.0058	3.8377	3.6260	3.8686	4.2893	4.0683
Tb-148m	6.3070	6.2122	6.5803	6.2623	6.0489	6.4564	7.0546	6.6850
Tb-148	2.7921	2.7408	2.9162	2.7811	2.6697	2.8563	3.1380	2.9685
Tb-149m	2.9218	2.8432	3.0750	2.9681	2.7538	2.9364	3.2792	3.1414
Tb-149	3.5229	3.4323	3.7119	3.5757	3.3232	3.5359	3.9563	3.7845
Tb-150m	6.4329	6.3198	6.7246	6.4203	6.1448	6.5453	7.1878	6.8491
Tb-150	3.3524	3.2726	3.5147	3.3642	3.1809	3.3948	3.7709	3.5892
Tb-151	4.7767	4.6282	5.0602	4.9083	4.4661	4.7389	5.3566	5.1707
Tb-151m	1.1080	0.8937	1.3438	1.5162	0.8391	0.8334	1.3512	1.5278
Tb-152m	4.3022	4.1338	4.5937	4.4980	3.9863	4.2181	4.8475	4.7220
Tb-152	3.1530	3.0679	3.3233	3.1993	2.9714	3.1616	3.5397	3.3928
Tb-153	3.1597	3.0081	3.3979	3.3600	2.8823	3.0449	3.5693	3.5152
Tb-154	3.7831	3.6649	3.9951	3.8592	3.5498	3.7828	4.2728	4.0856
Tb-155	3.1905	3.0394	3.4273	3.3895	2.9113	3.0782	3.5941	3.5393
Tb-156	5.5079	5.3399	5.8301	5.6488	5.1647	5.4901	6.2009	5.9834
Tb-156m	1.0732	1.0490	1.1214	1.0773	1.0047	1.0782	1.1918	1.1289
Tb-156n	0.3035	0.2186	0.3936	0.4712	0.2033	0.1916	0.3873	0.4683
Tb-157	0.3341	0.2554	0.4185	0.4865	0.2381	0.2314	0.4162	0.4863
Tb-158	2.9025	2.7630	3.1236	3.0882	2.6540	2.8112	3.2984	3.2375
Tb-160	2.4609	2.3974	2.6044	2.5131	2.3286	2.4781	2.7813	2.6674
Tb-161	1.3745	1.2391	1.5375	1.5968	1.1535	1.1946	1.5735	1.6364
Tb-162	3.1557	3.0898	3.3292	3.1968	3.0035	3.1927	3.5494	3.3867
Tb-163	2.6434	2.6030	2.7641	2.6355	2.5369	2.6972	2.9482	2.8151
Tb-164	5.2124	5.1039	5.4787	5.2532	4.9720	5.2911	5.8650	5.5943
Tb-165	1.2010	1.1543	1.2788	1.2484	1.1267	1.1965	1.3695	1.3249
Tc-101	1.4596	1.4472	1.5243	1.4414	1.4076	1.4938	1.6204	1.5359
Tc-102m	3.2883	3.2681	3.4004	3.1916	3.2023	3.4303	3.6865	3.4436
Tc-102	0.1517	0.1507	0.1571	0.1482	0.1473	0.1576	0.1693	0.1593
Tc-104	3.1894	3.1673	3.3047	3.1039	3.1008	3.3147	3.5684	3.3419
Tc-105	2.6762	2.6369	2.8022	2.6683	2.5316	2.6824	2.9684	2.8195
Tc-91	1.2333	1.2183	1.2776	1.1971	1.1886	1.2736	1.3889	1.2923
Tc-91m	0.8841	0.8740	0.9187	0.8722	0.8484	0.9055	0.9849	0.9332
Tc-92	5.5162	5.4499	5.7465	5.4423	5.2869	5.6282	6.1506	5.7881
Tc-93	2.2989	2.1891	2.4520	2.3848	2.0090	2.0949	2.5382	2.4879
Tc-93m	1.5737	1.5237	1.6616	1.5956	1.4315	1.5035	1.7387	1.6861
Tc-94	5.0066	4.8873	5.2645	5.0416	4.6351	4.9063	5.5635	5.3283
Tc-94m	1.8322	1.7938	1.9230	1.8335	1.7078	1.8136	2.0449	1.9431
Tc-95	2.3683	2.2478	2.5404	2.4915	2.0404	2.1161	2.6012	2.5821
Tc-95m	3.0214	2.9002	3.2283	3.1401	2.6687	2.7773	3.3305	3.2844
Tc-96	4.9540	4.8227	5.2156	5.0104	4.5613	4.8238	5.4974	5.2823



<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Tc-96m	0.6334	0.5773	0.6999	0.7082	0.4849	0.4852	0.6833	0.7137
Tc-97	1.0474	0.9391	1.1706	1.1960	0.7660	0.7528	1.1276	1.1963
Tc-97m	0.8149	0.7399	0.9025	0.9148	0.6098	0.6057	0.8726	0.9172
Tc-98	2.5451	2.5286	2.6332	2.4795	2.4745	2.6456	2.8387	2.6671
Tc-99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Tc-99m	1.5229	1.5021	1.5984	1.5316	1.4438	1.5236	1.6900	1.5908
Te-113	1.5188	1.5070	1.5725	1.4755	1.4677	1.5733	1.7032	1.5853
Te-114	3.3295	3.2352	3.5024	3.3649	3.0337	3.2070	3.6689	3.5307
Te-115	2.4564	2.4272	2.5513	2.4076	2.3441	2.5019	2.7341	2.5696
Te-115m	2.7960	2.7621	2.9020	2.7367	2.6666	2.8500	3.1184	2.9235
Te-116	2.4276	2.3403	2.5659	2.4850	2.1306	2.2340	2.6292	2.5688
Te-117	2.3326	2.2866	2.4337	2.3130	2.1677	2.3035	2.5789	2.4472
Te-118	1.1313	1.0799	1.2009	1.1703	0.9596	0.9996	1.2160	1.1978
Te-119	2.4307	2.3713	2.5449	2.4323	2.2226	2.3481	2.6650	2.5586
Te-119m	4.1160	4.0482	4.3043	4.0974	3.8518	4.0857	4.5567	4.3034
Te-121	2.4377	2.3763	2.5544	2.4495	2.2228	2.3479	2.6689	2.5714
Te-121m	2.1299	2.0739	2.2534	2.1694	1.9508	2.0535	2.3545	2.2830
Te-123	0.0609	0.0371	0.0856	0.1091	0.0337	0.0285	0.0821	0.1068
Te-123m	2.1127	2.0567	2.2348	2.1631	1.9425	2.0447	2.3426	2.2384
Te-125m	1.9236	1.8312	2.0473	2.0029	1.6429	1.7167	2.0814	2.0522
Te-127	0.0183	0.0181	0.0190	0.0180	0.0176	0.0187	0.0203	0.0193
Te-127m	0.6232	0.5826	0.6740	0.6723	0.5225	0.5424	0.6824	0.6862
Te-129	0.4656	0.4302	0.5106	0.5176	0.3976	0.4123	0.5230	0.5327
Te-129m	0.5025	0.4752	0.5387	0.5315	0.4301	0.4486	0.5493	0.5457
Te-131	1.8978	1.8798	1.9806	1.8840	1.8168	1.9293	2.1115	1.9798
Te-131m	3.0942	3.0620	3.2191	3.0472	2.9634	3.1630	3.4444	3.2459
Te-132	2.6961	2.6388	2.8328	2.7081	2.4846	2.6275	2.9639	2.8388
Te-133	2.2760	2.2601	2.3635	2.2242	2.2076	2.3562	2.5403	2.3865
Te-133m	3.4637	3.4345	3.6025	3.3991	3.3299	3.5578	3.8693	3.6295
Te-134	3.2559	3.2196	3.3942	3.2193	3.1042	3.3027	3.6093	3.4329
Th-223	1.7401	1.5432	1.9832	2.0841	1.4180	1.4402	2.0006	2.1328
Th-224	0.2523	0.2361	0.2769	0.2785	0.2221	0.2300	0.2864	0.2890
Th-226	0.2442	0.2067	0.2872	0.3111	0.1833	0.1808	0.2838	0.3132
Th-227	2.1027	1.8044	2.4506	2.6292	1.6213	1.6162	2.4413	2.6639
Th-228	0.2269	0.1795	0.2782	0.3132	0.1520	0.1437	0.2684	0.3117
Th-229	2.9568	2.4973	3.4837	3.7849	2.2336	2.2117	3.4525	3.8272
Th-230	1.4767	1.4758	1.5198	1.4202	1.4339	1.5385	1.6123	1.5190
Th-231	1.9109	1.5587	2.2945	2.5369	1.3251	1.2742	2.2238	2.5313
Th-232	1.2632	1.2571	1.2898	1.1894	1.2357	1.3191	1.4392	1.2976
Th-233	0.5086	0.4200	0.6078	0.6718	0.3791	0.3733	0.6029	0.6770
Th-234	0.3769	0.3260	0.4361	0.4652	0.2914	0.2929	0.4338	0.4717
Th-235	0.1491	0.1445	0.1581	0.1533	0.1394	0.1473	0.1673	0.1624
Th-236	0.3508	0.3156	0.3952	0.4099	0.2899	0.2953	0.4001	0.4196

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Ti-44	2.7552	2.6983	2.8974	2.7872	2.6113	2.8060	3.0638	2.9934
Ti-45	0.0245	0.0163	0.0332	0.0410	0.0151	0.0136	0.0323	0.0405
Ti-51	1.3912	1.3812	1.4510	1.3698	1.3470	1.4313	1.5459	1.4646
Ti-52	1.9680	1.8816	2.1160	2.0896	1.7829	1.8587	2.1982	2.1516
Tl-190	2.1943	2.1002	2.3503	2.3097	2.0328	2.1478	2.4807	2.4487
Tl-190m	5.4165	5.2509	5.7391	5.5632	5.1000	5.4087	6.0974	5.9227
Tl-194	2.4685	2.3209	2.6850	2.6884	2.2344	2.3494	2.8112	2.8323
Tl-194m	7.2934	6.9549	7.8393	7.7366	6.7249	7.0942	8.2661	8.1802
Tl-195	3.6788	3.3020	4.1511	4.3277	3.1466	3.2614	4.2917	4.4932
Tl-196	3.9009	3.7030	4.2036	4.1578	3.5822	3.7849	4.4427	4.4031
Tl-197	2.8412	2.5861	3.1739	3.2767	2.4666	2.5704	3.2812	3.4115
Tl-198	4.2970	4.0736	4.6351	4.5894	3.9403	4.1621	4.8976	4.8586
Tl-198m	5.0927	4.7398	5.5889	5.6475	4.5504	4.7566	5.8282	5.9228
Tl-199	2.7811	2.5169	3.1249	3.2434	2.3940	2.4868	3.2189	3.3705
Tl-200	4.0454	3.8185	4.3854	4.3699	3.6840	3.8810	4.6058	4.6076
Tl-201	2.3537	2.0538	2.7156	2.9030	1.9355	1.9860	2.7640	2.9869
Tl-202	2.8501	2.6377	3.1400	3.1942	2.5282	2.6466	3.2644	3.3471
Tl-204	0.0382	0.0326	0.0447	0.0485	0.0306	0.0312	0.0452	0.0498
Tl-206m	7.1034	6.9436	7.5045	7.2143	6.7369	7.1466	7.9854	7.6751
Tl-206	0.0018	0.0016	0.0020	0.0021	0.0015	0.0015	0.0021	0.0022
Tl-207	0.0036	0.0035	0.0037	0.0035	0.0035	0.0037	0.0040	0.0037
Tl-208	3.0671	3.0293	3.1847	3.0018	2.9704	3.1786	3.4502	3.2452
Tl-209	4.3146	4.2335	4.5193	4.3211	4.1267	4.3946	4.8360	4.5949
Tl-210	4.5379	4.3896	4.8177	4.6690	4.2594	4.5174	5.1339	4.9561
Tm-161	5.8074	5.4903	6.2715	6.2453	5.2785	5.5834	6.6059	6.5176
Tm-162	2.9443	2.8152	3.1495	3.0936	2.7286	2.8974	3.3508	3.2600
Tm-163	4.7726	4.5506	5.1178	5.0505	4.3910	4.6586	5.4112	5.2959
Tm-164	1.3730	1.2801	1.4984	1.5120	1.2298	1.2972	1.5738	1.5743
Tm-165	3.7706	3.5841	4.0608	4.0238	3.4501	3.6480	4.2744	4.2064
Tm-166	4.4126	4.2040	4.7344	4.6705	4.0713	4.3154	5.0294	4.9224
Tm-167	2.4975	2.3016	2.7600	2.8212	2.2010	2.3046	2.8758	2.9262
Tm-168	4.9538	4.7396	5.3135	5.2378	4.5814	4.8464	5.6208	5.5199
Tm-170	0.1287	0.1095	0.1509	0.1648	0.1042	0.1062	0.1537	0.1683
Tm-171	0.0202	0.0180	0.0229	0.0241	0.0171	0.0178	0.0236	0.0248
Tm-172	0.8923	0.8221	0.9849	1.0035	0.7964	0.8354	1.0369	1.0501
Tm-173	1.4362	1.4057	1.5072	1.4447	1.3697	1.4541	1.6042	1.5426
Tm-174	6.0527	5.8785	6.4391	6.2436	5.7053	6.0418	6.8415	6.6002
Tm-175	2.4425	2.3911	2.5672	2.4668	2.3281	2.4824	2.7485	2.6268
Tm-176	4.3059	4.1584	4.5900	4.4698	4.0401	4.2822	4.8863	4.7395
U-227	1.7369	1.5649	1.9580	2.0279	1.4395	1.4678	1.9826	2.0780
U-228	0.2555	0.2103	0.3054	0.3357	0.1797	0.1733	0.2968	0.3355
U-230	0.2717	0.2162	0.3313	0.3711	0.1800	0.1696	0.3182	0.3683
U-231	3.5812	3.0459	4.1912	4.5188	2.6714	2.6375	4.1255	4.5513

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
U-232	0.2536	0.1997	0.3113	0.3506	0.1649	0.1541	0.2978	0.3472
U-233	0.1327	0.1034	0.1640	0.1860	0.0858	0.0799	0.1570	0.1841
U-234	1.4356	1.4439	1.4785	1.3724	1.3879	1.4907	1.5703	1.4309
U-235	1.7473	1.7329	1.8308	1.7256	1.6877	1.7816	1.9100	1.8530
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	0.2090	0.1640	0.2571	0.2901	0.1351	0.1259	0.2457	0.2871
U-237	3.1566	2.8428	3.5526	3.6810	2.5960	2.6536	3.5897	3.7636
U-238	1.2937	1.2895	1.3089	1.2210	1.2622	1.3585	1.4420	1.3216
U-239	1.0639	1.0019	1.1540	1.1496	0.9366	0.9833	1.1891	1.2072
U-240	0.6944	0.5611	0.8392	0.9334	0.4749	0.4534	0.8109	0.9285
U-242	0.3556	0.3431	0.3782	0.3681	0.3258	0.3463	0.3961	0.3872
V-47	0.0145	0.0121	0.0172	0.0189	0.0116	0.0117	0.0177	0.0193
V-48	2.8547	2.8158	2.9845	2.8299	2.7538	2.9504	3.2347	3.0304
V-49	0.1680	0.1004	0.2381	0.3051	0.0913	0.0764	0.2281	0.2984
V-50	1.4197	1.3547	1.5154	1.4820	1.3294	1.4130	1.6322	1.5767
V-52	1.3047	1.2958	1.3424	1.2523	1.2780	1.3754	1.4682	1.3542
V-53	1.3757	1.3782	1.4281	1.3328	1.3433	1.4444	1.5543	1.4308
W-177	5.9436	5.4932	6.5655	6.7012	5.2863	5.5460	6.8490	6.9574
W-178	0.7039	0.5551	0.8673	0.9924	0.5220	0.5178	0.8683	0.9979
W-179	2.0310	1.7420	2.3643	2.5605	1.6409	1.6842	2.4048	2.6057
W-179m	1.2704	1.1147	1.4591	1.5554	1.0625	1.1012	1.4974	1.5962
W-181	1.3022	1.1328	1.5024	1.6120	1.0774	1.1159	1.5390	1.6487
W-185m	1.2363	0.8853	1.6120	1.9360	0.8229	0.7722	1.5835	1.9224
W-185	0.0011	0.0010	0.0013	0.0013	0.0010	0.0010	0.0013	0.0013
W-187	1.6549	1.5870	1.7701	1.7409	1.5386	1.6333	1.8725	1.8384
W-188	0.0158	0.0146	0.0175	0.0179	0.0141	0.0147	0.0182	0.0186
W-190	2.9440	2.6689	3.3047	3.4357	2.5564	2.6723	3.4236	3.5384
Xe-120	3.3393	3.2346	3.5198	3.3965	2.9949	3.1583	3.6479	3.5354
Xe-121	2.3024	2.2565	2.4090	2.2955	2.1457	2.2784	2.5458	2.4194
Xe-122	1.4403	1.3843	1.5238	1.4788	1.2642	1.3289	1.5648	1.5258
Xe-123	2.5544	2.4950	2.6849	2.5777	2.3494	2.4830	2.8148	2.6844
Xe-125	3.1232	3.0439	3.2884	3.1577	2.8468	3.0055	3.4282	3.2994
Xe-127	3.1460	3.0767	3.3096	3.1719	2.8958	3.0572	3.4643	3.3336
Xe-127m	2.5358	2.4816	2.6672	2.5661	2.3596	2.4930	2.8002	2.6681
Xe-129m	2.1633	2.0670	2.2970	2.2416	1.8845	1.9827	2.3556	2.3074
Xe-131m	0.9151	0.8664	0.9795	0.9656	0.7885	0.8265	1.0014	0.9904
Xe-133	1.3243	1.2862	1.3933	1.3432	1.2068	1.2816	1.4500	1.4130
Xe-133m	1.0356	0.9897	1.1021	1.0766	0.9077	0.9540	1.1327	1.1101
Xe-135	1.3962	1.3825	1.4641	1.3846	1.3409	1.4218	1.5538	1.4613
Xe-135m	1.2273	1.2103	1.2768	1.2159	1.1685	1.2456	1.3608	1.2954
Xe-137	0.4522	0.4488	0.4686	0.4429	0.4385	0.4681	0.5033	0.4758
Xe-138	1.7964	1.7402	1.9060	1.8404	1.6955	1.7975	2.0411	1.9556
Y-81	2.2404	2.0952	2.4493	2.4564	1.9466	2.0139	2.5116	2.5396

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Y-83	1.5831	1.4423	1.7564	1.7860	1.2933	1.3237	1.7762	1.8327
Y-83m	1.4528	1.3836	1.5666	1.5374	1.2975	1.3511	1.6221	1.6022
Y-84m	4.3214	4.2926	4.4903	4.2288	4.1839	4.4846	4.8572	4.5327
Y-85	1.2565	1.1850	1.3598	1.3510	1.1073	1.1549	1.4105	1.4119
Y-85m	1.4184	1.3303	1.5431	1.5314	1.2387	1.2880	1.6018	1.5998
Y-86	4.8733	4.7225	5.1613	4.9710	4.5215	4.7875	5.4907	5.2772
Y-86m	1.5452	1.5226	1.6311	1.5568	1.4672	1.5491	1.7300	1.6665
Y-87	2.1889	1.9856	2.4399	2.4994	1.7910	1.8261	2.4663	2.5707
Y-87m	1.2475	1.2048	1.3246	1.2818	1.1457	1.2018	1.3862	1.3553
Y-88	3.5398	3.3353	3.8308	3.7747	3.1232	3.2694	4.0225	3.9632
Y-89m	1.3123	1.3099	1.3619	1.2781	1.2773	1.3720	1.4768	1.3697
Y-90	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Y-90m	2.7825	2.7506	2.9138	2.7714	2.6585	2.8189	3.1026	2.9717
Y-91	0.0034	0.0034	0.0035	0.0033	0.0034	0.0036	0.0038	0.0036
Y-91m	1.2544	1.2378	1.3061	1.2418	1.2022	1.2798	1.3972	1.3300
Y-92	0.3479	0.3469	0.3603	0.3378	0.3391	0.3641	0.3909	0.3630
Y-93	0.1805	0.1792	0.1882	0.1770	0.1748	0.1863	0.2023	0.1889
Y-94	1.0275	1.0256	1.0646	0.9973	1.0022	1.0766	1.1563	1.0716
Y-95	0.7798	0.7765	0.8043	0.7477	0.7641	0.8226	0.8826	0.8125
Yb-162	3.0662	2.8891	3.3317	3.3429	2.7795	2.9250	3.4956	3.4657
Yb-163	2.2567	2.0626	2.5065	2.5794	1.9793	2.0730	2.6158	2.6698
Yb-164	1.4034	1.2875	1.5506	1.5910	1.2285	1.2917	1.6146	1.6414
Yb-165	3.6618	3.2637	4.1462	4.3644	3.1151	3.2345	4.2803	4.4930
Yb-166	2.6193	2.4095	2.8894	2.9584	2.3014	2.4211	3.0093	3.0594
Yb-167	5.4209	4.9959	5.9910	6.1353	4.7886	5.0149	6.2364	6.3297
Yb-169	5.9957	5.6199	6.5369	6.5823	5.3914	5.6903	6.8430	6.8426
Yb-175	0.2336	0.2253	0.2491	0.2433	0.2184	0.2311	0.2630	0.2561
Yb-177	0.8450	0.8166	0.9009	0.8811	0.7907	0.8382	0.9561	0.9203
Yb-178	0.1630	0.1564	0.1743	0.1708	0.1519	0.1601	0.1839	0.1808
Yb-179	2.5600	2.5143	2.6804	2.5620	2.4508	2.6078	2.8660	2.7368
Zn-60	1.5703	1.5406	1.6471	1.5754	1.4994	1.6011	1.7578	1.6792
Zn-61	0.5882	0.5809	0.6111	0.5769	0.5700	0.6104	0.6632	0.6217
Zn-62	1.7969	1.5388	2.0956	2.2724	1.4682	1.4924	2.1438	2.3261
Zn-63	0.2606	0.2430	0.2858	0.2883	0.2359	0.2475	0.3022	0.3028
Zn-65	1.2457	1.0160	1.5066	1.6876	0.9704	0.9697	1.5347	1.7144
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zn-69m	1.2594	1.2360	1.3187	1.2628	1.2066	1.2818	1.4074	1.3510
Zn-71	0.6904	0.6860	0.7160	0.6771	0.6701	0.7165	0.7705	0.7255
Zn-71m	3.8994	3.8708	4.0441	3.8188	3.7826	4.0336	4.3407	4.1010
Zn-72	2.4732	2.1437	2.8762	3.1023	2.0360	2.0586	2.9356	3.1463
Zr-85	1.2414	1.2185	1.2987	1.2384	1.1784	1.2509	1.3836	1.3221
Zr-86	3.6799	3.3607	4.0882	4.1422	2.9716	3.0096	4.0921	4.2253
Zr-87	0.2833	0.2526	0.3191	0.3288	0.2193	0.2198	0.3176	0.3344

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Zr-88	2.3349	2.1556	2.5658	2.5789	1.9504	1.9936	2.6002	2.6648
Zr-89	2.1311	2.0000	2.3202	2.3029	1.8327	1.9015	2.3932	2.3894
Zr-89m	1.3034	1.2815	1.3608	1.2945	1.2397	1.3166	1.4526	1.3850
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	1.2405	1.2325	1.2830	1.2096	1.2069	1.2927	1.3847	1.2988
Zr-97	1.4988	1.4871	1.5526	1.4653	1.4528	1.5544	1.6731	1.5716

Table 3: Composite 1 Surface Contamination for 400x400x40 ft room

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Ac-223	0.2114	0.2755	0.4980	0.5596
Ac-224	2.5757	3.0768	4.1293	4.1667
Ac-225	0.2997	0.3947	0.7155	0.7943
Ac-226	1.1443	1.3643	1.8100	1.8143
Ac-227	0.0469	0.0697	0.1734	0.2089
Ac-228	1.7585	2.1360	2.7880	2.9249
Ac-230	0.7602	0.9343	1.2464	1.3150
Ac-231	2.5765	3.0217	3.7444	3.7452
Ac-232	1.2457	1.5245	1.9544	2.0588
Ac-233	1.1389	1.3472	1.5747	1.6310
Ag-100m	2.2068	2.6055	2.8407	2.9047
Ag-101	1.8966	2.2175	2.5540	2.5379
Ag-102m	1.4339	1.7011	1.9101	1.9286
Ag-102	3.3589	3.9670	4.3939	4.4612
Ag-103	2.2096	2.5819	3.1317	3.0622
Ag-104	4.1927	4.9605	5.6658	5.7671
Ag-104m	1.7180	2.0309	2.3361	2.3700
Ag-105	2.3589	2.7679	3.4252	3.4490
Ag-105m	0.0167	0.0243	0.0632	0.0787
Ag-106	0.4726	0.5653	0.7481	0.7590
Ag-106m	5.1193	6.0376	6.9060	6.9945
Ag-108	0.0465	0.0552	0.0685	0.0704
Ag-108m	3.8604	4.5396	5.2655	5.3810
Ag-109m	0.3749	0.4524	0.6534	0.6640
Ag-110	0.0557	0.0654	0.0722	0.0750
Ag-110m	3.8287	4.5160	4.8985	5.0206
Ag-111	0.1038	0.1192	0.1338	0.1341
Ag-111m	0.2021	0.2466	0.3732	0.3874
Ag-112	0.8743	1.0293	1.1180	1.1465
Ag-113m	0.7573	0.8795	1.0299	1.0477
Ag-113	0.2296	0.2647	0.2966	0.2972
Ag-114	0.3646	0.4288	0.4678	0.4756
Ag-115	0.8364	0.9731	1.0828	1.0593
Ag-116	2.1706	2.5605	2.7910	2.8040
Ag-117	1.6897	1.9697	2.1908	2.1526
Ag-99	2.3290	2.7242	3.0506	3.0247
Al-26	1.2356	1.4703	1.5793	1.5773
Al-28	1.2046	1.4329	1.5371	1.5327
Al-29	1.2346	1.4650	1.5814	1.5782
Am-237	2.7227	3.2582	4.3911	4.4780
Am-238	2.6569	3.2050	4.2152	4.3392
Am-239	3.1296	3.7966	5.4371	5.5963

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Am-240	2.8388	3.4650	4.7147	4.9213
Am-241	1.3043	1.5107	1.5857	1.5182
Am-242	0.4303	0.5477	0.9170	0.9844
Am-242m	0.2432	0.3312	0.6666	0.7517
Am-243	1.1233	1.3355	1.6989	1.6794
Am-244	2.4265	2.9901	4.2838	4.5433
Am-244m	0.1503	0.1968	0.3539	0.3890
Am-245	0.3430	0.4107	0.5652	0.5729
Am-246	3.3907	4.1525	5.9866	6.2856
Am-246m	1.5537	1.8758	2.3258	2.4207
Am-247	1.2654	1.5030	2.0006	2.0174
Ar-37	0.0143	0.0228	0.0700	0.0895
Ar-39	0.0000	0.0000	0.0000	0.0000
Ar-41	1.2124	1.4383	1.5522	1.5491
Ar-42	0.0000	0.0000	0.0000	0.0000
Ar-43	1.4661	1.7359	1.8743	1.8916
Ar-44	2.3158	2.7095	2.9713	2.8876
As-68	2.8547	3.3793	3.6574	3.7216
As-69	0.4434	0.5239	0.6609	0.6740
As-70	3.7402	4.4333	4.8677	4.9683
As-71	1.6029	1.9306	2.7764	2.9410
As-72	1.1868	1.4158	1.6400	1.7164
As-73	0.6525	0.9809	2.6898	3.3717
As-74	0.9688	1.1727	1.5562	1.7144
As-76	0.7215	0.8472	0.9259	0.9457
As-77	0.0386	0.0446	0.0513	0.0495
As-78	1.6432	1.9362	2.1025	2.1478
As-79	0.0737	0.0858	0.0945	0.0958
At-204	5.1068	6.0302	7.0721	7.2718
At-205	2.6636	3.1843	3.9987	4.1269
At-206	5.3149	6.2704	7.3368	7.4936
At-207	4.1239	4.9155	5.9939	6.1601
At-208	6.3373	7.5191	8.9513	9.1745
At-209	5.7608	6.8595	8.3680	8.5767
At-210	4.9926	5.9577	7.2614	7.3601
At-211	0.6433	0.7862	1.1357	1.1890
At-215	0.0006	0.0007	0.0008	0.0008
At-216	0.0341	0.0409	0.0554	0.0567
At-217	0.0014	0.0016	0.0020	0.0020
At-218	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000
At-220	1.9000	2.2050	2.5760	2.5386
Au-186	3.0728	3.6090	4.3328	4.3420

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Au-187	2.4699	2.9740	3.9195	4.0820
Au-190	3.6495	4.3030	5.1326	5.2061
Au-191	3.0814	3.6684	4.7585	4.9055
Au-192	3.3987	4.0163	4.8336	4.9340
Au-193	2.0245	2.4262	3.2906	3.3823
Au-193m	1.3638	1.6477	2.3619	2.4874
Au-194	2.7430	3.2452	4.0045	4.1078
Au-195	1.6692	2.0519	3.0949	3.3065
Au-195m	1.3788	1.6664	2.3879	2.5191
Au-196	2.5372	2.9837	3.7157	3.8179
Au-196m	3.0206	3.6829	5.4659	5.7966
Au-198	1.1910	1.3782	1.5461	1.5600
Au-198m	4.9254	5.8009	7.4386	7.4537
Au-199	1.0025	1.1842	1.5371	1.5362
Au-200	0.4502	0.5260	0.5845	0.5900
Au-200m	5.8980	6.8800	7.9095	7.9248
Au-201	0.1302	0.1606	0.2398	0.2634
Au-202	0.2834	0.3325	0.3669	0.3705
Ba-124	1.7833	2.1002	2.5143	2.4650
Ba-126	2.1676	2.5490	3.0051	2.9584
Ba-127	1.0246	1.2073	1.4622	1.4234
Ba-128	1.0504	1.2473	1.5618	1.5375
Ba-129	1.1280	1.3349	1.6523	1.6214
Ba-129m	4.0847	4.8013	5.5848	5.5544
Ba-131	2.7466	3.2161	3.8070	3.7257
Ba-131m	1.3520	1.5840	1.9474	1.8990
Ba-133	3.0865	3.6123	4.3043	4.2528
Ba-133m	0.8995	1.0830	1.4606	1.4964
Ba-135m	0.8244	0.9780	1.2179	1.1996
Ba-137m	1.1284	1.3266	1.4620	1.5131
Ba-139	0.3992	0.4603	0.5287	0.4965
Ba-140	0.7280	0.8763	1.1796	1.2465
Ba-141	2.4545	2.8450	3.1804	3.1286
Ba-142	2.1780	2.5507	2.8508	2.8197
Be-10	0.0000	0.0000	0.0000	0.0000
Be-7	0.1221	0.1425	0.1572	0.1579
Bi-197	3.0476	3.6551	4.5527	4.7091
Bi-200	6.0877	7.1788	8.5077	8.6370
Bi-201	3.1249	3.7437	4.6211	4.7515
Bi-202	5.6101	6.6374	7.7928	7.9789
Bi-203	3.8369	4.5837	5.5469	5.6827
Bi-204	5.6567	6.7120	7.9425	8.1435
Bi-205	2.9067	3.4893	4.3469	4.5016



<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Bi-206	6.5139	7.7288	9.1384	9.3425
Bi-207	3.3247	3.9698	4.8323	4.9948
Bi-208	1.9094	2.3152	2.9547	3.0468
Bi-210	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.2614	1.4624	1.7243	1.7158
Bi-211	0.1978	0.2297	0.2702	0.2759
Bi-212n	0.0000	0.0000	0.0000	0.0000
Bi-212	0.2000	0.2531	0.3935	0.4412
Bi-213	0.3906	0.4567	0.5292	0.5359
Bi-214	1.6123	1.9054	2.0751	2.1090
Bi-215	0.9359	1.0972	1.3212	1.3370
Bi-216	1.7628	2.0615	2.3015	2.3407
Bk-245	2.7416	3.2727	4.4523	4.4905
Bk-246	2.6971	3.2810	4.5121	4.7011
Bk-247	1.4482	1.6936	2.0816	2.0354
Bk-248m	0.5811	0.7108	1.0477	1.0899
Bk-249	0.0000	0.0000	0.0000	0.0000
Bk-250	1.3425	1.6182	1.9561	2.0358
Bk-251	1.3792	1.6678	2.3996	2.4605
Br-72	2.3154	2.7449	3.0475	3.1068
Br-73	1.4071	1.6545	1.9403	1.9466
Br-74	2.6333	3.1213	3.4641	3.5046
Br-74m	3.2231	3.8157	4.2256	4.3370
Br-75	1.7106	2.0006	2.4365	2.4874
Br-76	2.3428	2.8135	3.3793	3.5343
Br-76m	1.1170	1.4664	2.5315	2.7876
Br-77	1.2357	1.5482	2.4361	2.6886
Br-77m	0.4277	0.5848	1.1616	1.3244
Br-78	0.1839	0.2241	0.2986	0.3273
Br-80	0.1151	0.1418	0.1984	0.2200
Br-80m	0.8836	1.2047	2.3083	2.6061
Br-82m	0.2528	0.3892	0.9632	1.1506
Br-82	3.8897	4.5818	4.9826	5.0858
Br-83	0.0151	0.0177	0.0197	0.0200
Br-84m	3.6198	4.2554	4.6307	4.6655
Br-84	1.3316	1.5794	1.7019	1.7141
Br-85	0.0867	0.1024	0.1110	0.1127
C-10	1.1625	1.3680	1.4868	1.5337
C-11	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0256	0.0406	0.1250	0.1599
Ca-45	0.0000	0.0000	0.0000	0.0000
Ca-47	1.0641	1.2606	1.3629	1.3630

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Ca-49	1.1901	1.4207	1.5176	1.4791
Cd-101	2.6410	3.1072	3.5687	3.5218
Cd-102	2.1980	2.5900	3.1301	3.1343
Cd-103	2.1459	2.5531	3.0479	3.0621
Cd-104	1.9018	2.2471	2.8620	2.8386
Cd-105	1.4947	1.7787	2.1592	2.1797
Cd-107	1.0890	1.3143	1.8992	1.9237
Cd-109	1.0117	1.2225	1.7761	1.8022
Cd-111m	2.0168	2.3337	2.7800	2.6596
Cd-113	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0008	0.0009	0.0013	0.0013
Cd-115	0.4875	0.5709	0.6406	0.6436
Cd-115m	0.0408	0.0483	0.0523	0.0530
Cd-117	1.6946	1.9807	2.1919	2.1809
Cd-117m	1.9565	2.3151	2.5050	2.5280
Cd-118	0.0000	0.0000	0.0000	0.0000
Cd-119	2.0388	2.3853	2.6242	2.6165
Cd-119m	2.3152	2.7364	2.9699	2.9906
Ce-130	2.7253	3.1880	3.7710	3.6698
Ce-131	2.9279	3.4413	4.0273	4.0166
Ce-132	2.5671	2.9915	3.5297	3.3851
Ce-133	2.3444	2.7583	3.3056	3.2027
Ce-133m	4.1801	4.9177	5.6329	5.5707
Ce-134	0.8838	1.0568	1.3356	1.3162
Ce-135	3.0385	3.5612	4.1325	4.1021
Ce-137	0.9570	1.1599	1.5776	1.6131
Ce-137m	0.8122	0.9649	1.2015	1.1813
Ce-139	2.0799	2.4328	2.9154	2.7980
Ce-141	0.8912	1.0272	1.1892	1.1206
Ce-143	1.6725	1.9588	2.2930	2.2568
Ce-144	0.2813	0.3259	0.3831	0.3648
Ce-145	2.6052	3.0715	3.5511	3.5299
Cf-244	0.0907	0.1218	0.2364	0.2630
Cf-246	0.0625	0.0839	0.1623	0.1804
Cf-247	1.8253	2.2573	3.5057	3.6912
Cf-248	0.0752	0.1007	0.1942	0.2159
Cf-249	1.3404	1.5817	1.9972	2.0602
Cf-250	0.0702	0.0919	0.1649	0.1814
Cf-251	1.5911	1.9154	2.6892	2.7390
Cf-252	0.6592	0.7819	0.9226	0.9355
Cf-253	0.2072	0.2741	0.5194	0.5771
Cf-254	22.1586	25.9570	28.5056	28.3682
Cf-255	0.0000	0.0000	0.0000	0.0000

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Cl-34	0.0000	0.0000	0.0000	0.0001
Cl-34m	1.4175	1.6592	1.8221	1.7654
Cl-36	0.0002	0.0003	0.0010	0.0013
Cl-38	0.8930	1.0622	1.1410	1.1354
Cl-39	1.7906	2.1008	2.2984	2.2507
Cl-40	2.3480	2.7893	2.9989	2.9730
Cm-238	1.3059	1.5707	2.1880	2.2204
Cm-239	2.8667	3.3855	4.3879	4.3370
Cm-240	0.0980	0.1344	0.2693	0.3019
Cm-241	3.0146	3.6610	5.1570	5.3649
Cm-242	0.0879	0.1206	0.2418	0.2711
Cm-243	1.5210	1.8554	2.7216	2.8349
Cm-244	0.0754	0.1035	0.2076	0.2328
Cm-245	1.6608	2.0154	2.8836	2.9564
Cm-246	0.0649	0.0881	0.1716	0.1916
Cm-247	1.0111	1.1684	1.3200	1.3270
Cm-248	1.7837	2.1007	2.3773	2.3855
Cm-249	0.0914	0.1251	0.2752	0.3351
Cm-250	17.4914	20.4920	22.5164	22.4102
Cm-251	0.3790	0.4506	0.5666	0.5805
Co-54m	3.5930	4.2263	4.5966	4.6170
Co-55	1.6008	1.9009	2.1362	2.1956
Co-56	3.1277	3.7415	4.2987	4.4382
Co-57	1.6122	1.9339	2.8384	2.9894
Co-58	1.2649	1.5290	1.9330	2.0831
Co-58m	0.1027	0.1632	0.5011	0.6407
Co-60	2.4570	2.9148	3.1433	3.1497
Co-60m	0.1409	0.2119	0.5861	0.7369
Co-61	1.1256	1.3085	1.4792	1.3942
Co-62	1.4260	1.6924	1.8243	1.8325
Co-62m	2.5311	3.0041	3.2375	3.2573
Cr-48	2.6935	3.1021	3.6548	3.6259
Cr-49	1.3532	1.5545	1.7476	1.6321
Cr-51	0.1829	0.2353	0.4435	0.5256
Cr-55	0.0005	0.0006	0.0007	0.0007
Cr-56	1.7423	2.0371	2.4998	2.4459
Cs-121	1.0081	1.1713	1.3420	1.3026
Cs-121m	1.8739	2.1765	2.5013	2.4241
Cs-123	1.5020	1.7595	2.0494	2.0145
Cs-124	0.5182	0.6035	0.6829	0.6879
Cs-125	1.2695	1.4961	1.7694	1.7570
Cs-126	0.8740	1.0194	1.1613	1.1658
Cs-127	2.0242	2.3715	2.8165	2.7910

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Cs-128	0.6576	0.7738	0.9108	0.9085
Cs-129	1.9589	2.3085	2.8072	2.7867
Cs-130m	1.6598	1.9654	2.4543	2.4145
Cs-130	0.5308	0.6331	0.7981	0.7894
Cs-131	0.8225	0.9835	1.2657	1.2492
Cs-132	2.0171	2.3859	2.7905	2.8304
Cs-134	2.6037	3.0619	3.3358	3.4264
Cs-134m	0.5847	0.7090	1.0235	1.0700
Cs-135	0.0000	0.0000	0.0000	0.0000
Cs-135m	2.3347	2.7575	2.9989	3.0623
Cs-136	3.6505	4.2827	4.7061	4.7276
Cs-137	1.4399	1.6689	1.8095	1.8446
Cs-138m	1.2269	1.4480	1.7258	1.7056
Cs-138	2.3922	2.8246	3.0645	3.0681
Cs-139	0.2460	0.2915	0.3148	0.3153
Cs-140	1.6115	1.9041	2.0616	2.0886
Cu-57	0.1258	0.1492	0.1614	0.1635
Cu-59	0.6015	0.7077	0.7793	0.7894
Cu-60	2.4249	2.8818	3.1402	3.1562
Cu-61	0.5090	0.6152	0.8501	0.9244
Cu-62	0.0103	0.0135	0.0243	0.0286
Cu-64	0.0671	0.1043	0.3071	0.3908
Cu-66	0.1191	0.1413	0.1521	0.1550
Cu-67	1.0426	1.2066	1.4399	1.3894
Cu-69	0.7046	0.8328	0.9010	0.9177
Dy-148	2.1366	2.5255	2.9402	2.9902
Dy-149	3.4027	4.0231	4.6596	4.6385
Dy-150	1.3978	1.6369	1.9269	1.9283
Dy-151	3.1324	3.7105	4.3851	4.4409
Dy-152	2.2072	2.5768	3.0611	2.9757
Dy-153	4.0507	4.7727	5.6733	5.6015
Dy-154	0.0000	0.0000	0.0000	0.0000
Dy-155	2.7858	3.2688	3.8393	3.7558
Dy-157	2.2592	2.6404	3.1242	3.1386
Dy-159	1.2118	1.4469	1.8183	1.8091
Dy-165m	0.2433	0.3079	0.5260	0.5925
Dy-165	0.2131	0.2509	0.3016	0.2986
Dy-166	0.9131	1.0939	1.4364	1.4636
Dy-167	1.8991	2.2141	2.5478	2.5452
Dy-168	1.8157	2.1276	2.5152	2.5005
Er-154	1.3531	1.6317	2.2002	2.2491
Er-156	1.6014	1.9618	2.8481	3.0162
Er-159	2.6084	3.0807	3.6236	3.6512

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Er-161	2.7351	3.2451	3.8626	3.8991
Er-163	1.0125	1.2108	1.5388	1.5429
Er-165	0.9752	1.1672	1.4908	1.4980
Er-167m	0.8494	0.9972	1.2481	1.2369
Er-169	0.0030	0.0047	0.0145	0.0185
Er-171	2.3206	2.6961	3.1989	3.2003
Er-172	2.0784	2.4463	2.8975	2.9342
Er-173	3.5867	4.1835	4.8932	4.7813
Es-249	2.4207	2.8753	3.7830	3.8398
Es-250	6.5529	7.9631	11.3281	11.7935
Es-250m	2.1091	2.5288	3.3671	3.4300
Es-251	1.6950	2.0767	3.1225	3.2485
Es-253	0.0251	0.0334	0.0640	0.0715
Es-254	0.8330	1.1324	2.2948	2.6048
Es-254m	1.1666	1.4091	1.8360	1.9413
Es-255	0.0009	0.0011	0.0012	0.0012
Es-256	0.1352	0.1754	0.3145	0.3432
Eu-142	0.3104	0.3679	0.4110	0.4129
Eu-142m	4.0891	4.8410	5.4227	5.5815
Eu-143	0.5959	0.7072	0.8154	0.8074
Eu-144	0.2663	0.3168	0.3641	0.3605
Eu-145	2.3646	2.8041	3.2125	3.2197
Eu-146	4.1178	4.8614	5.4451	5.5340
Eu-147	2.4131	2.8350	3.3395	3.2650
Eu-148	4.7753	5.6192	6.3049	6.3971
Eu-149	1.1003	1.3196	1.7209	1.7424
Eu-150	4.4734	5.2253	5.9250	5.9748
Eu-150m	0.1982	0.2326	0.2735	0.2727
Eu-152	2.9203	3.4295	3.9359	3.9029
Eu-152m	0.7979	0.9416	1.0879	1.0829
Eu-152n	1.3111	1.5530	2.0279	2.0532
Eu-154	2.4326	2.8532	3.2173	3.1980
Eu-154m	1.4578	1.7522	2.4003	2.4736
Eu-155	1.0311	1.2002	1.4186	1.3672
Eu-156	1.4658	1.7369	1.9418	1.9599
Eu-157	1.8178	2.1500	2.6358	2.6561
Eu-158	1.9318	2.2922	2.5966	2.6413
Eu-159	2.1157	2.4955	2.9745	2.9193
F-17	0.0004	0.0005	0.0005	0.0005
F-18	0.0000	0.0000	0.0000	0.0000
Fe-52	1.4564	1.6856	2.0235	1.9479
Fe-53	0.5264	0.6073	0.6824	0.6920
Fe-53m	3.4844	4.1218	4.4542	4.5296

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Fe-55	0.0849	0.1350	0.4153	0.5312
Fe-59	1.2975	1.5365	1.6601	1.6662
Fe-60	0.0000	0.0000	0.0000	0.0000
Fe-61	1.7365	2.0434	2.2221	2.2303
Fe-62	1.1629	1.3620	1.4988	1.5074
Fm-251	1.6344	1.9686	2.8086	2.8970
Fm-252	0.0683	0.0898	0.1661	0.1825
Fm-253	1.3165	1.6388	2.6092	2.7647
Fm-254	0.0779	0.1011	0.1792	0.1957
Fm-255	0.7027	0.9422	1.8291	2.0424
Fm-256	16.4751	19.3013	21.2157	21.1215
Fm-257	1.7402	2.1091	3.0478	3.1346
Fr-212	2.8456	3.4175	4.4239	4.5285
Fr-219	0.0145	0.0169	0.0201	0.0204
Fr-220	0.1886	0.2410	0.4035	0.4409
Fr-221	0.2187	0.2560	0.3159	0.3092
Fr-222	1.3184	1.5874	2.1789	2.2177
Fr-223	0.9802	1.2081	1.7308	1.7955
Fr-224	1.4818	1.7565	2.1797	2.1861
Fr-227	2.3500	2.7819	3.4638	3.4789
Ga-64	1.7789	2.1139	2.2887	2.3069
Ga-65	1.4294	1.6844	2.1743	2.2067
Ga-66	1.2518	1.5213	1.9014	2.0159
Ga-67	1.4252	1.7437	2.7244	2.9862
Ga-68	0.0656	0.0862	0.1589	0.1881
Ga-70	0.0132	0.0158	0.0200	0.0209
Ga-72	2.6607	3.1474	3.4098	3.4616
Ga-73	1.6742	2.0481	3.1441	3.5071
Ga-74	2.9495	3.4821	3.7760	3.8262
Gd-142	1.3390	1.5737	1.8147	1.7930
Gd-143m	3.4871	4.0874	4.6778	4.6351
Gd-144	0.9258	1.0969	1.2939	1.2870
Gd-145m	1.2958	1.5458	1.8810	1.9874
Gd-145	2.0920	2.4877	2.8057	2.7945
Gd-146	4.1137	4.8069	5.7295	5.5156
Gd-147	4.1555	4.8646	5.5620	5.5117
Gd-148	0.0000	0.0000	0.0000	0.0000
Gd-149	3.0916	3.6129	4.2357	4.1602
Gd-150	0.0000	0.0000	0.0000	0.0000
Gd-151	1.2949	1.5516	2.0377	2.0615
Gd-152	0.0000	0.0000	0.0000	0.0000
Gd-153	2.2031	2.5928	3.1222	3.0295
Gd-159	0.4116	0.4840	0.5788	0.5763

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Gd-162	1.2632	1.4724	1.7093	1.7458
Ge-66	2.0800	2.5077	3.5203	3.7658
Ge-67	1.5693	1.8185	2.0910	2.0111
Ge-68	0.2094	0.3327	1.0207	1.3046
Ge-69	1.0536	1.3117	1.9364	2.1757
Ge-71	0.2124	0.3374	1.0353	1.3231
Ge-75	0.1700	0.1951	0.2207	0.2119
Ge-77	2.9232	3.3859	3.7892	3.7177
Ge-78	1.2698	1.4555	1.6394	1.5986
H-3	0.0000	0.0000	0.0000	0.0000
Hf-167	1.5457	1.8095	2.1954	2.2264
Hf-169	2.2556	2.6672	3.2247	3.2557
Hf-170	3.0373	3.6050	4.6004	4.6787
Hf-172	2.3341	2.8280	4.0088	4.1903
Hf-173	3.7158	4.3290	5.2428	5.1625
Hf-174	0.0000	0.0000	0.0000	0.0000
Hf-175	2.3584	2.7756	3.4208	3.4819
Hf-177m	12.9741	15.0989	18.0775	18.0147
Hf-178m	9.2665	10.8132	12.7937	12.8367
Hf-179m	5.3347	6.2528	7.6958	7.7406
Hf-180m	4.8058	5.6047	6.6583	6.6659
Hf-181	2.3231	2.7173	3.2626	3.2742
Hf-182	1.3612	1.5734	1.8429	1.8006
Hf-182m	4.0781	4.7967	5.8491	5.9048
Hf-183	2.1130	2.4805	2.8333	2.8302
Hf-184	2.1425	2.6096	3.9466	4.2758
Hg-190	2.7233	3.2489	4.4123	4.5131
Hg-191m	4.5752	5.4222	6.7854	6.9472
Hg-192	2.6773	3.2092	4.3981	4.5608
Hg-193	2.7362	3.2885	4.3541	4.5245
Hg-193m	2.7096	3.2247	4.0192	4.1399
Hg-194	0.1335	0.2096	0.5957	0.7443
Hg-195	1.6176	1.9893	2.9541	3.1608
Hg-195m	1.6365	2.0570	3.3759	3.7374
Hg-197	1.4664	1.8060	2.7356	2.9292
Hg-197m	1.3441	1.6499	2.5346	2.7221
Hg-199m	1.9169	2.2942	3.1282	3.2187
Hg-203	1.2359	1.4309	1.6858	1.6705
Hg-205	0.0417	0.0486	0.0589	0.0573
Hg-206	0.5797	0.6751	0.8079	0.8235
Hg-207	3.3964	4.0044	4.5002	4.5630
Ho-150	1.7957	2.1197	2.3426	2.3937
Ho-153	2.2765	2.6608	3.0843	3.0753

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Ho-153m	2.6581	3.1094	3.6528	3.6113
Ho-154m	5.4496	6.3500	7.1466	7.2141
Ho-154	2.8453	3.3212	3.7408	3.7863
Ho-155	2.2352	2.6381	3.2267	3.2174
Ho-156	4.0441	4.7290	5.4381	5.3624
Ho-157	3.4114	4.0194	4.8533	4.8217
Ho-159	3.8165	4.4709	5.3820	5.2713
Ho-160	4.0974	4.8484	5.6238	5.6955
Ho-161	1.5249	1.8319	2.4350	2.4734
Ho-162	1.3367	1.5987	2.0389	2.0536
Ho-162m	2.4520	2.9241	3.7145	3.7773
Ho-163	0.0034	0.0054	0.0167	0.0213
Ho-164	0.7466	0.8942	1.1542	1.1644
Ho-164m	1.2766	1.5704	2.3168	2.4712
Ho-166	0.2636	0.3202	0.4547	0.4809
Ho-166m	4.4371	5.1968	5.9917	6.0084
Ho-167	1.6753	1.9425	2.2575	2.2799
Ho-168	1.6694	1.9767	2.2901	2.3498
Ho-168m	0.2114	0.2724	0.4884	0.5567
Ho-170	3.9802	4.6869	5.4301	5.4469
I-118m	5.0270	5.9077	6.4876	6.6443
I-118	1.7250	2.0290	2.2297	2.2822
I-119	1.8174	2.1110	2.4742	2.4007
I-120	2.1795	2.5752	2.8654	2.8876
I-120m	4.3804	5.1548	5.6820	5.8020
I-121	2.1409	2.4966	2.9843	2.8798
I-122	0.4495	0.5314	0.6277	0.6329
I-123	2.1536	2.5137	3.0454	2.9231
I-124	1.7802	2.1062	2.4577	2.4864
I-125	1.5779	1.8851	2.4689	2.4434
I-126	1.3234	1.5530	1.8153	1.8350
I-128	0.2246	0.2629	0.3046	0.3052
I-129	0.8722	1.0406	1.3198	1.2946
I-130m	0.4078	0.4883	0.6248	0.6445
I-130	3.9122	4.5887	5.0156	5.1351
I-131	1.5263	1.7736	1.8618	2.0311
I-132	3.4900	4.1072	4.4682	4.5843
I-132m	1.0963	1.3039	1.6294	1.6758
I-133	1.2304	1.4430	1.5831	1.6034
I-134m	2.0682	2.4174	2.8931	2.8241
I-134	3.6586	4.3138	4.6878	4.7657
I-135	1.6383	1.9375	2.0970	2.1042
In-103	2.7000	3.1631	3.5163	3.4759



<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
In-105	2.4567	2.8661	3.2717	3.2220
In-106	4.3321	5.1071	5.6065	5.7404
In-106m	1.9956	2.3560	2.5832	2.6421
In-107	2.3022	2.7020	3.1650	3.1276
In-108	5.8010	6.8365	7.6611	7.7607
In-108m	2.1681	2.5681	2.9097	2.9555
In-109	2.4213	2.8338	3.4169	3.3476
In-109m	1.1311	1.3283	1.4619	1.5194
In-110	5.3202	6.2894	7.1055	7.2827
In-110m	1.5886	1.8754	2.1471	2.2088
In-111	3.3104	3.8402	4.6211	4.4248
In-111m	1.1045	1.2964	1.4537	1.4737
In-112	0.3174	0.3800	0.5113	0.5182
In-112m	0.7523	0.8921	1.1822	1.1680
In-113m	1.0266	1.1940	1.4074	1.4160
In-114	0.0060	0.0072	0.0092	0.0093
In-114m	0.6609	0.7807	1.0033	0.9944
In-115	0.0000	0.0000	0.0000	0.0000
In-115m	0.9089	1.0601	1.2920	1.3054
In-116m	2.6451	3.1246	3.3876	3.3984
In-117	2.5128	2.9141	3.2760	3.1907
In-117m	0.6753	0.7846	0.9457	0.9313
In-118m	3.3113	3.9154	4.2366	4.2938
In-118	0.0817	0.0968	0.1047	0.1051
In-119	1.3336	1.5806	1.8164	1.8725
In-119m	0.1729	0.2068	0.2682	0.2761
In-121	1.3353	1.5764	1.7098	1.7402
In-121m	0.6778	0.8006	0.9920	0.9643
Ir-180	3.2729	3.8555	4.7053	4.7934
Ir-182	3.1658	3.7288	4.6198	4.6784
Ir-183	3.2648	3.9046	5.0626	5.2289
Ir-184	4.7865	5.6576	6.9411	7.0570
Ir-185	2.9467	3.5802	5.0463	5.3331
Ir-186	4.6285	5.4597	6.6873	6.8125
Ir-186m	2.6882	3.1947	3.9323	4.0349
Ir-187	2.0262	2.4567	3.4385	3.6288
Ir-188	3.3811	4.0274	4.9348	5.0298
Ir-189	1.3775	1.6920	2.5517	2.7295
Ir-190	5.1007	5.9956	7.1801	7.2937
Ir-190m	0.1200	0.1902	0.5746	0.7310
Ir-190n	1.1549	1.4059	2.0307	2.1345
Ir-191m	1.3290	1.6363	2.5435	2.7445
Ir-192	2.8760	3.3276	3.7882	3.8455

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Ir-192m	0.1433	0.2259	0.6562	0.8255
Ir-192n	0.3068	0.4801	1.3749	1.7252
Ir-193m	0.1250	0.1957	0.5763	0.7299
Ir-194	0.2635	0.3048	0.3439	0.3500
Ir-194m	6.0843	7.0919	8.0058	8.1895
Ir-195	1.0935	1.3388	1.9921	2.1172
Ir-195m	1.8756	2.2245	2.8653	2.9614
Ir-196	0.5326	0.6198	0.6940	0.7054
Ir-196m	6.5292	7.6306	8.7625	8.9756
K-38	1.1978	1.4260	1.5342	1.5287
K-40	0.1313	0.1565	0.1739	0.1754
K-42	0.2250	0.2670	0.2868	0.2849
K-43	2.3468	2.7234	3.0014	3.0650
K-44	1.8441	2.1880	2.3576	2.3659
K-45	2.2854	2.6696	2.9365	2.8366
K-46	1.8316	2.1771	2.3398	2.3231
Kr-74	1.9284	2.2781	2.9141	2.9337
Kr-75	1.7654	2.0557	2.5106	2.4491
Kr-76	2.1526	2.6299	3.7428	3.9927
Kr-77	1.8888	2.1841	2.6464	2.5580
Kr-79	0.8338	1.0773	1.8236	2.0365
Kr-81	0.3022	0.4665	1.1610	1.3875
Kr-81m	1.0577	1.2515	1.5992	1.5751
Kr-83m	0.1295	0.2004	0.5106	0.6152
Kr-85	0.0051	0.0059	0.0065	0.0066
Kr-85m	1.2896	1.4882	1.7440	1.6660
Kr-87	0.9846	1.1484	1.2615	1.2665
Kr-88	1.7531	2.0785	2.3523	2.3341
Kr-89	2.0992	2.4691	2.7021	2.6985
La-128	3.9228	4.5855	5.0845	5.1022
La-129	1.7681	2.0613	2.3964	2.3456
La-130	2.8606	3.3467	3.7275	3.7652
La-131	2.3278	2.7215	3.1905	3.1313
La-132	2.6343	3.1034	3.4971	3.5068
La-132m	2.3981	2.8036	3.2770	3.2352
La-133	1.0201	1.2307	1.6376	1.6703
La-134	0.4139	0.4934	0.6053	0.6002
La-135	0.9023	1.0789	1.3597	1.3389
La-136	0.6088	0.7277	0.9119	0.8989
La-137	0.8499	1.0173	1.2896	1.2708
La-138	1.6473	1.9587	2.2280	2.2300
La-140	2.5938	3.0552	3.3241	3.3333
La-141	0.0233	0.0276	0.0298	0.0297

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
La-142	1.8417	2.1792	2.3553	2.3792
La-143	0.2627	0.3105	0.3360	0.3405
Lu-165	3.3401	3.9341	4.7542	4.7371
Lu-167	3.6521	4.3361	5.2739	5.3255
Lu-169m	0.0858	0.1364	0.4189	0.5356
Lu-169	3.3971	4.0352	4.8800	4.9195
Lu-170	3.2970	3.9350	4.6786	4.7414
Lu-171m	0.0965	0.1507	0.4483	0.5704
Lu-171	2.9826	3.6028	4.8235	5.0549
Lu-172	4.5205	5.3712	6.4503	6.5737
Lu-172m	0.0771	0.1226	0.3766	0.4815
Lu-173	2.6731	3.1762	4.0256	4.0421
Lu-174	1.2911	1.5593	2.1111	2.1837
Lu-174m	1.3718	1.6998	2.6232	2.8442
Lu-176	2.9946	3.4891	4.2557	4.2739
Lu-176m	0.2935	0.3617	0.5622	0.6110
Lu-177	0.3355	0.3920	0.4869	0.4798
Lu-177m	6.8081	7.9301	9.5454	9.4215
Lu-178	0.3065	0.3698	0.4967	0.5201
Lu-178m	5.6123	6.5210	7.6967	7.6656
Lu-179	0.1913	0.2202	0.2532	0.2403
Lu-180	2.7874	3.2819	3.8127	3.8514
Lu-181	2.1336	2.5431	3.2751	3.4140
Mg-27	1.2185	1.4410	1.5581	1.5902
Mg-28	2.3767	2.8012	3.1342	3.0979
Mn-50m	4.0447	4.7868	5.1746	5.2356
Mn-51	0.0083	0.0106	0.0179	0.0208
Mn-52	3.6651	4.3563	4.8604	4.9917
Mn-52m	1.2203	1.4482	1.5625	1.5568
Mn-53	0.0692	0.1099	0.3382	0.4326
Mn-54	1.2518	1.5072	1.8529	1.9800
Mn-56	1.7017	2.0154	2.1769	2.2076
Mn-57	0.5103	0.6456	1.0901	1.2178
Mn-58m	2.6979	3.1881	3.4544	3.4853
Mo-101	2.1350	2.5210	2.8614	2.8976
Mo-102	0.1387	0.1592	0.1823	0.1713
Mo-89	0.2679	0.3192	0.3605	0.3681
Mo-90	3.1334	3.7144	4.7397	4.6716
Mo-91m	1.1509	1.3640	1.5123	1.5458
Mo-91	0.0418	0.0542	0.0873	0.0914
Mo-93	0.4690	0.6279	1.1218	1.1870
Mo-93m	3.2891	3.8814	4.3855	4.4103
Mo-99	0.4016	0.4701	0.5409	0.5359

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
N-13	0.0000	0.0000	0.0000	0.0000
N-16	0.8487	1.0163	1.0827	1.0559
Na-22	1.2222	1.4498	1.5653	1.5628
Na-24	2.4053	2.8588	3.0768	3.0395
Nb-87	2.0569	2.4258	3.0549	2.9619
Nb-88m	4.4107	5.1950	5.6844	5.7667
Nb-88	5.4774	6.4947	7.3896	7.5010
Nb-89	0.5027	0.6176	0.7851	0.8027
Nb-89m	1.1353	1.3493	1.5785	1.6052
Nb-90	3.9096	4.6599	5.4651	5.4420
Nb-91	0.4492	0.6183	1.1538	1.2362
Nb-91m	0.4292	0.5701	0.9955	1.0520
Nb-92	2.8310	3.4216	4.1840	4.3326
Nb-92m	1.7071	2.1085	2.7635	2.8817
Nb-93m	0.0885	0.1197	0.2236	0.2418
Nb-94m	0.3259	0.4356	0.7764	0.8231
Nb-94	2.3386	2.7579	2.9919	3.0748
Nb-95	1.1604	1.3680	1.4866	1.5238
Nb-95m	0.6676	0.8257	1.2092	1.2255
Nb-96	3.7768	4.4454	4.8426	4.9221
Nb-97	1.1644	1.3670	1.4881	1.5472
Nb-98m	3.6972	4.3601	4.7421	4.8270
Nb-99	2.2028	2.5637	3.1343	3.0003
Nb-99m	0.8416	0.9925	1.1226	1.1171
Nd-134	2.5387	2.9551	3.4486	3.3149
Nd-135	2.8570	3.3438	3.9274	3.8435
Nd-136	2.3078	2.7204	3.2863	3.2126
Nd-137	2.5953	3.0602	3.5491	3.5133
Nd-138	0.9719	1.1566	1.4319	1.4053
Nd-139	0.9675	1.1476	1.3797	1.3628
Nd-139m	3.9085	4.6019	5.2570	5.2254
Nd-140	0.8834	1.0543	1.3159	1.2919
Nd-141	0.9054	1.0799	1.3406	1.3154
Nd-141m	1.1374	1.3414	1.4718	1.5058
Nd-144	0.0000	0.0000	0.0000	0.0000
Nd-147	1.1564	1.3544	1.5839	1.5388
Nd-149	2.0442	2.3671	2.7147	2.6245
Nd-151	2.3847	2.7704	3.1114	3.0284
Nd-152	0.8530	0.9982	1.2212	1.2177
Ne-19	0.0002	0.0003	0.0003	0.0003
Ne-24	1.2672	1.4789	1.6292	1.6391
Ni-56	4.1754	4.9076	5.8122	5.8747
Ni-57	1.5258	1.8264	2.1982	2.2655

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Ni-59	0.1199	0.1906	0.5864	0.7500
Ni-63	0.0000	0.0000	0.0000	0.0000
Ni-65	0.5560	0.6575	0.7100	0.7118
Ni-66	0.0000	0.0000	0.0000	0.0000
Np-232	3.9243	4.7122	6.1341	6.3372
Np-233	1.3753	1.6653	2.3378	2.3884
Np-234	2.2824	2.7822	3.7582	3.8859
Np-235	0.3060	0.4357	0.9469	1.0897
Np-236	2.6717	3.3475	5.2724	5.5702
Np-236m	0.7516	0.9197	1.3377	1.3831
Np-237	0.8924	1.1567	1.9802	2.1465
Np-238	1.0382	1.2842	1.7529	1.8686
Np-239	2.0754	2.5036	3.5214	3.6153
Np-240	3.1365	3.8217	5.2060	5.4500
Np-240m	0.8343	1.0298	1.4517	1.5506
Np-241	0.5258	0.6361	0.8974	0.9169
Np-242	0.3272	0.3953	0.4831	0.5027
Np-242m	2.6088	3.2101	4.5229	4.7698
O-14	1.1890	1.4144	1.5239	1.5096
O-15	0.0000	0.0000	0.0000	0.0000
O-19	2.0532	2.3795	2.6417	2.5185
Os-180	1.5517	1.9054	2.8674	3.0745
Os-181	4.0431	4.8024	6.0004	6.1058
Os-182	2.6156	3.1240	4.1306	4.2599
Os-183	3.8402	4.5441	5.7865	5.9024
Os-183m	2.2280	2.6720	3.3465	3.4552
Os-185	2.1594	2.5778	3.2328	3.3727
Os-186	0.0000	0.0000	0.0000	0.0000
Os-189m	0.1142	0.1813	0.5503	0.7012
Os-190m	4.8662	5.7224	6.8840	7.0898
Os-191	1.4461	1.7700	2.6864	2.8736
Os-191m	0.2306	0.3196	0.7251	0.8739
Os-193	0.4732	0.5692	0.7888	0.8288
Os-194	0.1690	0.2410	0.5714	0.6935
Os-196	0.5104	0.6002	0.7516	0.7588
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	0.4881	0.6208	1.0105	1.0844
Pa-228	3.9858	4.8561	6.6018	6.9041
Pa-229	1.1636	1.4328	2.1198	2.2086
Pa-230	2.2761	2.7832	3.8325	4.0098
Pa-231	0.7081	0.9558	1.8450	2.0860

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Pa-232	2.0957	2.5479	3.3415	3.5041
Pa-233	1.6810	2.0467	2.9281	3.0808
Pa-234	4.0592	4.9130	6.4990	6.7372
Pa-234m	0.0332	0.0403	0.0525	0.0547
Pa-235	0.0407	0.0647	0.1983	0.2534
Pa-236	1.4762	1.7962	2.3321	2.4586
Pa-237	1.0427	1.2408	1.4506	1.5113
Pb-194	3.3009	3.9291	4.9434	5.0498
Pb-195m	4.5688	5.4470	6.9103	7.2225
Pb-196	2.9425	3.4979	4.5076	4.5914
Pb-197	3.1660	3.7602	4.5908	4.7052
Pb-197m	4.0025	4.7632	6.0614	6.2760
Pb-198	2.8320	3.3621	4.3565	4.4626
Pb-199	2.6531	3.1546	3.9365	4.0469
Pb-200	2.4877	2.9830	4.0751	4.1876
Pb-201	2.9991	3.5487	4.4419	4.5828
Pb-201m	1.0986	1.3123	1.6417	1.7210
Pb-202	0.1240	0.1957	0.5683	0.7148
Pb-202m	3.7966	4.4846	5.1407	5.2853
Pb-203	2.4090	2.8548	3.7031	3.7787
Pb-204m	3.5572	4.1809	4.6323	4.7283
Pb-205	0.1256	0.1981	0.5753	0.7235
Pb-209	0.0000	0.0000	0.0000	0.0000
Pb-210	0.2103	0.3056	0.7029	0.8337
Pb-211	0.1432	0.1681	0.1924	0.1963
Pb-212	1.1778	1.3882	1.7588	1.7517
Pb-214	1.2546	1.4765	1.8437	1.8910
Pd-100	2.6760	3.1569	4.0825	3.9984
Pd-101	1.7930	2.1510	2.9820	3.0386
Pd-103	0.6222	0.7609	1.1739	1.2041
Pd-107	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.0314	1.1987	1.4610	1.4005
Pd-109	0.3781	0.4562	0.6583	0.6690
Pd-111	0.0895	0.1051	0.1175	0.1181
Pd-112	0.2228	0.2860	0.4890	0.5163
Pd-114	0.1803	0.2064	0.2365	0.2243
Pd-96	2.8865	3.3826	3.9971	3.9749
Pd-97	2.5377	2.9815	3.3988	3.3831
Pd-98	2.3763	2.7893	3.5061	3.4483
Pd-99	2.3790	2.7716	3.2978	3.2257
Pm-136	3.6860	4.3041	4.7442	4.8289
Pm-137m	4.2782	4.9801	5.6853	5.5447
Pm-139	0.7613	0.8950	1.0399	1.0334

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Pm-140m	4.0478	4.7609	5.2510	5.3183
Pm-140	0.2954	0.3494	0.3992	0.3983
Pm-141	0.6730	0.8001	0.9542	0.9409
Pm-142	0.2650	0.3157	0.3820	0.3760
Pm-143	1.3437	1.5962	1.9044	1.8970
Pm-144	3.7630	4.4312	5.0030	5.0926
Pm-145	0.9213	1.0999	1.3799	1.3607
Pm-146	2.0559	2.4184	2.7585	2.7729
Pm-147	0.0001	0.0001	0.0001	0.0001
Pm-148	0.7023	0.8290	0.8991	0.9085
Pm-148m	3.9517	4.6303	5.0859	5.2034
Pm-149	0.0484	0.0561	0.0655	0.0656
Pm-150	2.2252	2.6010	2.8526	2.8860
Pm-151	1.6098	1.8700	2.1538	2.1133
Pm-152m	3.7385	4.3490	4.9103	4.8040
Pm-152	0.6820	0.7971	0.9062	0.8927
Pm-153	0.9909	1.1548	1.3968	1.3550
Pm-154	2.0715	2.4552	2.7568	2.7665
Pm-154m	3.5205	4.1246	4.6660	4.5983
Po-203	3.4705	4.1542	5.1643	5.2957
Po-204	4.6347	5.5993	7.5469	7.8906
Po-205	3.3336	3.9885	4.9144	5.0507
Po-206	3.7971	4.5874	6.0815	6.3855
Po-207	3.0315	3.6220	4.4556	4.5876
Po-208	0.0001	0.0001	0.0001	0.0001
Po-209	0.0279	0.0354	0.0606	0.0688
Po-210	0.0000	0.0000	0.0000	0.0000
Po-211	0.0135	0.0159	0.0174	0.0179
Po-212m	0.0547	0.0647	0.0704	0.0704
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	0.0006
Po-216	0.0000	0.0000	0.0000	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000
Pr-134	5.1409	5.9971	6.6542	6.7126
Pr-134m	2.3612	2.7630	3.0631	3.0763
Pr-135	1.8825	2.2078	2.5916	2.5416
Pr-136	2.6377	3.1085	3.4656	3.4939
Pr-137	0.8120	0.9665	1.1825	1.1639
Pr-138	0.2749	0.3276	0.3994	0.3941
Pr-138m	4.4849	5.2734	5.9134	5.9633
Pr-139	0.8400	1.0026	1.2491	1.2254

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Pr-140	0.4478	0.5344	0.6659	0.6533
Pr-142	0.0450	0.0534	0.0573	0.0568
Pr-142m	0.0054	0.0087	0.0266	0.0340
Pr-143	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0275	0.0325	0.0352	0.0359
Pr-144m	0.3700	0.4498	0.6216	0.6407
Pr-145	0.0392	0.0462	0.0520	0.0523
Pr-146	1.3017	1.5292	1.6687	1.6779
Pr-147	2.3070	2.7136	3.1875	3.1452
Pr-148	1.6720	1.9480	2.1481	2.1622
Pr-148m	2.4581	2.8472	3.1622	3.1883
Pt-184	5.2901	6.3251	8.4711	8.7381
Pt-186	2.7320	3.2662	4.2174	4.3825
Pt-187	3.2992	3.9487	5.2608	5.4346
Pt-188	2.2548	2.7095	3.7410	3.8766
Pt-189	3.0110	3.6229	4.9254	5.1350
Pt-190	0.0000	0.0000	0.0000	0.0000
Pt-191	2.6964	3.2431	4.4356	4.6114
Pt-193	0.1289	0.2037	0.5997	0.7572
Pt-193m	0.3396	0.4586	0.9586	1.1311
Pt-195m	1.5833	1.9882	3.2756	3.6090
Pt-197	0.4342	0.5479	0.9182	1.0176
Pt-197m	1.0457	1.3189	2.1943	2.4397
Pt-199	0.6158	0.7251	0.8681	0.8862
Pt-200	0.8331	1.0203	1.5288	1.6327
Pt-202	0.0000	0.0000	0.0000	0.0000
Pu-232	1.0246	1.2389	1.7395	1.7733
Pu-234	1.1472	1.3952	2.0002	2.0541
Pu-235	1.5122	1.8520	2.7123	2.8075
Pu-236	0.0998	0.1402	0.2926	0.3316
Pu-237	1.0059	1.2544	1.9524	2.0602
Pu-238	0.0918	0.1291	0.2702	0.3063
Pu-239	0.0472	0.0677	0.1535	0.1795
Pu-240	0.0865	0.1215	0.2541	0.2881
Pu-241	0.0000	0.0000	0.0001	0.0001
Pu-242	0.0742	0.1043	0.2179	0.2470
Pu-243	0.4462	0.5375	0.7365	0.7492
Pu-244	0.0871	0.1165	0.2136	0.2376
Pu-245	1.3808	1.6251	1.9742	2.0067
Pu-246	1.8330	2.1952	2.9527	2.9642
Ra-219	0.8973	1.0505	1.2858	1.3172
Ra-220	0.0122	0.0142	0.0159	0.0160
Ra-221	0.5514	0.6906	1.0942	1.1709



<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Ra-222	0.0377	0.0435	0.0500	0.0511
Ra-223	1.3610	1.6295	2.2039	2.2633
Ra-224	0.0621	0.0722	0.0864	0.0836
Ra-225	0.4474	0.5571	0.8093	0.8362
Ra-226	1.3022	1.5263	1.7067	1.7598
Ra-227	1.1316	1.4266	2.2697	2.4579
Ra-228	1.3657	1.6002	1.7192	1.7844
Ra-230	0.6789	0.8180	1.1149	1.1437
Rb-77	1.8918	2.2224	2.5813	2.5283
Rb-78m	3.0300	3.5632	3.9130	3.9518
Rb-78	2.3058	2.7331	3.0369	3.0551
Rb-79	2.1463	2.5448	3.1644	3.1958
Rb-80	0.3420	0.4030	0.4495	0.4692
Rb-81	0.7559	0.9702	1.5250	1.6707
Rb-81m	0.3653	0.5170	1.0161	1.1316
Rb-82	0.2045	0.2467	0.2970	0.3112
Rb-82m	4.1900	5.0289	5.9633	6.2135
Rb-83	1.3979	1.7604	2.5793	2.7988
Rb-84	1.0770	1.3545	1.9035	2.0603
Rb-84m	1.7196	2.0213	2.4598	2.4246
Rb-86m	1.1473	1.3464	1.4855	1.5190
Rb-86	0.1085	0.1287	0.1386	0.1408
Rb-87	0.0000	0.0000	0.0000	0.0000
Rb-88	0.4874	0.5788	0.6227	0.6261
Rb-89	2.0820	2.4682	2.6624	2.6862
Rb-90	1.1087	1.3172	1.4154	1.4174
Rb-90m	2.5196	2.9894	3.2380	3.2599
Re-178	2.8848	3.4306	4.3181	4.3918
Re-179	3.5813	4.2312	5.2294	5.3317
Re-180	2.9727	3.5619	4.5214	4.6886
Re-181	3.4856	4.1417	5.2856	5.4687
Re-182	6.9490	8.2207	10.2960	10.3877
Re-182m	3.5614	4.2503	5.3597	5.4586
Re-183	2.5077	3.0332	4.2989	4.4987
Re-184	2.6745	3.1976	4.0417	4.1745
Re-184m	2.3515	2.8293	3.9015	4.0861
Re-186	0.2935	0.3489	0.4714	0.4815
Re-186m	0.6224	0.8571	1.9051	2.2869
Re-187	0.0000	0.0000	0.0000	0.0000
Re-188	0.3557	0.4176	0.5206	0.5182
Re-188m	1.4496	1.7852	2.7444	2.9592
Re-189	0.3904	0.4619	0.6069	0.6169
Re-190	3.6937	4.3012	4.8742	4.8730

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Re-190m	3.1213	3.6701	4.4318	4.5208
Rh-100m	1.0165	1.2314	1.7918	1.8198
Rh-100	3.3967	4.0441	4.7577	4.8212
Rh-101	2.8299	3.2984	4.1150	3.9885
Rh-101m	1.6889	1.9946	2.5837	2.6332
Rh-102	1.1018	1.3163	1.6782	1.7119
Rh-102m	4.3197	5.1122	5.9540	6.0964
Rh-103m	0.0749	0.0946	0.1654	0.1796
Rh-104	0.0275	0.0324	0.0372	0.0380
Rh-104m	1.2597	1.5026	1.9754	1.9465
Rh-105	0.3116	0.3573	0.4011	0.4076
Rh-106	0.4011	0.4704	0.5153	0.5248
Rh-106m	4.4706	5.2520	5.7340	5.8037
Rh-107	1.2082	1.3873	1.5566	1.5645
Rh-108	0.7619	0.8865	0.9782	0.9918
Rh-109	1.3676	1.5751	1.8040	1.7911
Rh-94	2.8929	3.4165	3.7074	3.7255
Rh-95	2.0239	2.4066	2.7069	2.7445
Rh-95m	1.1924	1.4042	1.5743	1.5980
Rh-96	4.6366	5.4756	6.0598	6.2239
Rh-96m	1.2264	1.4640	1.7456	1.7781
Rh-97	1.7247	2.0313	2.3866	2.4190
Rh-97m	2.8184	3.3364	3.9648	3.9434
Rh-98	1.3734	1.6189	1.7971	1.8596
Rh-99	2.4554	2.9148	3.7364	3.7712
Rh-99m	1.9333	2.2875	2.8788	2.9428
Rn-207	2.6496	3.1328	3.8165	3.9225
Rn-209	2.9559	3.5041	4.2817	4.3861
Rn-210	0.2085	0.2503	0.3243	0.3365
Rn-211	3.6792	4.3855	5.2900	5.4393
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	0.0020
Rn-219	0.2521	0.2922	0.3414	0.3391
Rn-220	1.4333	1.6596	1.7765	1.8413
Rn-222	0.0009	0.0011	0.0012	0.0012
Rn-223	1.2988	1.5986	2.3064	2.4676
Ru-103	1.1613	1.3597	1.5012	1.5103
Ru-105	1.6831	1.9690	2.2259	2.2587
Ru-106	0.0000	0.0000	0.0000	0.0000
Ru-107	0.6980	0.8141	0.9029	0.8951

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Ru-108	0.6262	0.7235	0.8562	0.8108
Ru-92	5.8079	6.8229	8.3501	8.1458
Ru-94	1.7992	2.1477	2.7677	2.8398
Ru-95	2.4321	2.8851	3.5143	3.5987
Ru-97	1.8991	2.2496	2.9235	2.8815
S-35	0.0000	0.0000	0.0000	0.0000
S-37	1.1122	1.3278	1.4184	1.3812
S-38	1.0458	1.2456	1.3371	1.3385
Sb-111	2.1092	2.4509	2.7930	2.7118
Sb-113	1.5887	1.8635	2.1394	2.1459
Sb-114	2.0455	2.4227	2.6710	2.6796
Sb-115	1.7052	2.0087	2.3634	2.3670
Sb-116	1.9317	2.2945	2.5924	2.5951
Sb-116m	5.4750	6.4410	7.3379	7.3126
Sb-117	2.0858	2.4313	2.9712	2.8539
Sb-118	0.2522	0.3008	0.3902	0.3895
Sb-118m	5.4224	6.3870	7.3926	7.2957
Sb-119	0.9180	1.1028	1.5350	1.5499
Sb-120	0.4699	0.5613	0.7509	0.7489
Sb-120m	5.7717	6.7612	7.7037	7.5431
Sb-122m	1.7607	2.0771	2.5701	2.4970
Sb-122	0.9072	1.0639	1.1704	1.1971
Sb-124	2.2281	2.6257	2.8483	2.9084
Sb-124m	0.8902	1.0497	1.1955	1.2461
Sb-124n	0.0190	0.0302	0.0928	0.1187
Sb-125	1.6188	1.9001	2.2320	2.2339
Sb-126	5.0737	5.9419	6.4955	6.6697
Sb-126m	3.0522	3.5674	3.9164	4.0225
Sb-127	1.4557	1.7027	1.8804	1.9050
Sb-128	5.6211	6.5838	7.2057	7.3794
Sb-128m	3.6446	4.2582	4.6763	4.7849
Sb-129	1.9811	2.3355	2.5373	2.5762
Sb-130m	4.2747	5.0278	5.4981	5.5390
Sb-130	6.1521	7.1913	7.9222	7.9554
Sb-131	2.5050	2.9556	3.2072	3.2575
Sb-133	2.6490	3.1339	3.3879	3.4112
Sc-42m	3.6316	4.2770	4.6465	4.6480
Sc-43	0.2777	0.3211	0.3698	0.3791
Sc-44	1.2545	1.4887	1.6111	1.6269
Sc-44m	1.1507	1.3226	1.5019	1.4613
Sc-46	2.4586	2.9123	3.1426	3.1953
Sc-47	0.9764	1.1184	1.2648	1.1749
Sc-48	3.8520	4.5641	4.9217	4.9755

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Sc-49	0.0007	0.0009	0.0009	0.0009
Sc-50	3.5211	4.1630	4.5041	4.5253
Se-70	1.8006	2.2618	3.7007	4.1314
Se-71	1.3783	1.6071	1.8253	1.7913
Se-72	1.0662	1.3997	2.5988	2.9714
Se-73	2.2359	2.6383	3.3258	3.4264
Se-73m	0.2586	0.3274	0.5424	0.6072
Se-75	2.6699	3.1778	4.3988	4.5892
Se-77m	0.8878	1.0705	1.5226	1.5753
Se-79m	0.3535	0.4989	1.1106	1.3145
Se-79	0.0000	0.0000	0.0000	0.0000
Se-81	0.0236	0.0272	0.0304	0.0302
Se-81m	0.4053	0.5578	1.1769	1.3758
Se-83m	1.2244	1.4424	1.5651	1.5932
Se-83	4.0765	4.7674	5.2330	5.2520
Se-84	1.2191	1.4074	1.5618	1.5720
Si-31	0.0009	0.0010	0.0011	0.0011
Si-32	0.0000	0.0000	0.0000	0.0000
Sm-139	2.0780	2.4220	2.7480	2.7392
Sm-140	1.5658	1.8444	2.1829	2.1397
Sm-141	1.8792	2.2021	2.4954	2.4940
Sm-141m	3.8905	4.5571	5.1573	5.0803
Sm-142	0.8616	1.0272	1.2742	1.2517
Sm-143	0.5568	0.6633	0.8137	0.8006
Sm-143m	1.1374	1.3415	1.4745	1.5083
Sm-145	1.7950	2.1354	2.6275	2.5689
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	0.0007	0.0011	0.0027	0.0034
Sm-153	1.2517	1.4687	1.7529	1.6928
Sm-155	1.3467	1.5496	1.7642	1.6584
Sm-156	1.1696	1.3669	1.6836	1.6548
Sm-157	1.9123	2.2132	2.5173	2.4103
Sn-106	3.1351	3.6669	4.3056	4.2679
Sn-108	3.0989	3.6096	4.2898	4.2392
Sn-109	2.8006	3.3196	3.8351	3.8551
Sn-110	1.9615	2.2865	2.7976	2.7683
Sn-111	0.6800	0.8124	1.0629	1.0655
Sn-113	0.7517	0.8995	1.2346	1.2344
Sn-113m	0.5253	0.6297	0.8660	0.8706
Sn-117m	1.9583	2.2789	2.7708	2.6561
Sn-119m	0.5974	0.7224	1.0407	1.0666

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Sn-121	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.1928	0.2342	0.3368	0.3479
Sn-123	0.0080	0.0095	0.0102	0.0104
Sn-123m	1.3393	1.5396	1.7679	1.6540
Sn-125m	1.2574	1.4436	1.6150	1.6415
Sn-125	0.4061	0.4801	0.5194	0.5274
Sn-126	1.1338	1.3301	1.6500	1.6133
Sn-127m	1.1618	1.3606	1.4973	1.5023
Sn-127	2.5922	3.0507	3.3376	3.3515
Sn-128	3.3088	3.8962	4.6976	4.6426
Sn-129	1.5311	1.7997	1.9576	2.0170
Sn-130	3.4369	4.0033	4.5796	4.4600
Sn-130m	2.1051	2.4677	2.8178	2.7801
Sr-79	1.3801	1.6491	2.1076	2.1051
Sr-80	1.1609	1.4609	2.1394	2.2865
Sr-81	1.9524	2.2756	2.6596	2.5935
Sr-82	0.3542	0.5319	1.1584	1.3134
Sr-83	1.4033	1.8025	2.7576	2.9858
Sr-85	1.4751	1.8474	2.6173	2.7872
Sr-85m	1.3755	1.6000	1.9213	1.8514
Sr-87m	1.0542	1.2348	1.4690	1.5035
Sr-89	0.0001	0.0001	0.0002	0.0002
Sr-90	0.0000	0.0000	0.0000	0.0000
Sr-91	0.9906	1.1695	1.2664	1.2965
Sr-92	1.2612	1.4940	1.6136	1.6077
Sr-93	3.2344	3.8160	4.2455	4.2997
Sr-94	1.2615	1.4962	1.6113	1.6083
Ta-170	1.4795	1.7632	2.2722	2.3286
Ta-172	3.3753	4.0018	4.8875	4.9465
Ta-173	2.6289	3.1533	4.1764	4.2948
Ta-174	2.6825	3.1840	4.0474	4.0928
Ta-175	3.6488	4.3229	5.3271	5.3689
Ta-176	3.4764	4.1546	5.0697	5.1783
Ta-177	1.2732	1.5285	2.0476	2.0958
Ta-178	1.3101	1.5793	2.1429	2.2106
Ta-178m	6.9016	8.0611	9.7119	9.7328
Ta-179	0.6092	0.7501	1.1271	1.2085
Ta-180	1.0684	1.2889	1.7631	1.8206
Ta-182	3.0159	3.5736	4.3146	4.3407
Ta-182m	3.1342	3.7417	5.1049	5.2544
Ta-183	2.9061	3.4696	4.7003	4.8546
Ta-184	4.6760	5.4902	6.5864	6.6987
Ta-185	1.6084	1.9251	2.6518	2.7412

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Ta-186	4.4647	5.2042	6.0069	5.9794
Tb-146	2.7238	3.2311	3.5346	3.5302
Tb-147m	1.9235	2.2884	2.6048	2.5910
Tb-147	3.3828	3.9873	4.5092	4.4936
Tb-148m	5.6765	6.6652	7.4253	7.5463
Tb-148	2.5052	2.9639	3.3074	3.3416
Tb-149m	2.5514	3.0157	3.4392	3.4742
Tb-149	3.0790	3.6141	4.1425	4.1272
Tb-150m	5.7447	6.7361	7.5568	7.6866
Tb-150	2.9680	3.5115	3.9627	4.0037
Tb-151	4.1062	4.8062	5.5977	5.5347
Tb-151m	0.6569	0.8291	1.3796	1.5498
Tb-152m	3.6454	4.2696	5.0592	5.0453
Tb-152	2.7518	3.2300	3.7058	3.7192
Tb-153	2.6018	3.0619	3.7060	3.6479
Tb-154	3.2861	3.8884	4.4785	4.4537
Tb-155	2.6296	3.0868	3.7308	3.6408
Tb-156	4.7695	5.6160	6.4944	6.4620
Tb-156m	0.9246	1.0864	1.2373	1.1770
Tb-156n	0.1412	0.1893	0.3926	0.4650
Tb-157	0.1757	0.2284	0.4226	0.4852
Tb-158	2.4082	2.8617	3.4284	3.4583
Tb-160	2.1725	2.5596	2.9214	2.9517
Tb-161	0.9617	1.1617	1.6037	1.6552
Tb-162	2.8086	3.2816	3.7364	3.7063
Tb-163	2.3786	2.7605	3.1051	3.1339
Tb-164	4.6596	5.4672	6.1803	6.2085
Tb-165	1.0489	1.2482	1.4454	1.4731
Tc-101	1.3221	1.5184	1.7044	1.7136
Tc-102m	3.0456	3.5840	3.9046	3.9472
Tc-102	0.1395	0.1635	0.1792	0.1810
Tc-104	2.9428	3.4389	3.7731	3.7975
Tc-105	2.3332	2.7111	3.1105	3.0523
Tc-91	1.1233	1.3361	1.4721	1.4723
Tc-91m	0.7939	0.9352	1.0419	1.0493
Tc-92	4.9481	5.7825	6.4837	6.4277
Tc-93	1.7046	2.0770	2.6261	2.6706
Tc-93m	1.2667	1.5009	1.8088	1.8318
Tc-94	4.1881	5.0000	5.8129	5.9840
Tc-94m	1.5559	1.8603	2.1401	2.1880
Tc-95	1.6975	2.0662	2.6748	2.7699
Tc-95m	2.2843	2.7268	3.4356	3.4459
Tc-96	4.0976	4.9003	5.7455	5.9013

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Tc-96m	0.3387	0.4274	0.6801	0.7111
Tc-97	0.4972	0.6479	1.1157	1.1719
Tc-97m	0.4075	0.5187	0.8622	0.9002
Tc-98	2.3478	2.7605	3.0033	3.1067
Tc-99	0.0000	0.0000	0.0000	0.0000
Tc-99m	1.3337	1.5280	1.7747	1.6674
Te-113	1.3848	1.6394	1.7977	1.8133
Te-114	2.6674	3.1518	3.7722	3.7575
Te-115	2.1775	2.5689	2.8723	2.8794
Te-115m	2.4761	2.9319	3.2713	3.3017
Te-116	1.7736	2.0943	2.6531	2.6043
Te-117	1.9489	2.3103	2.6714	2.6998
Te-118	0.7572	0.9051	1.2084	1.2020
Te-119	1.9550	2.3116	2.7382	2.7889
Te-119m	3.4911	4.0924	4.7386	4.6398
Te-121	1.9467	2.2993	2.7430	2.7685
Te-121m	1.7271	2.0125	2.4262	2.3396
Te-123	0.0178	0.0277	0.0825	0.1049
Te-123m	1.7290	2.0107	2.4197	2.3158
Te-125m	1.3178	1.5767	2.0814	2.0686
Te-127	0.0164	0.0189	0.0213	0.0212
Te-127m	0.4138	0.4984	0.6824	0.6902
Te-129	0.3303	0.3967	0.5326	0.5521
Te-129m	0.3491	0.4184	0.5523	0.5576
Te-131	1.6914	1.9561	2.2166	2.1330
Te-131m	2.7647	3.2430	3.6207	3.6161
Te-132	2.2097	2.5751	3.0585	2.9286
Te-133	2.0881	2.4308	2.6800	2.7108
Te-133m	3.1207	3.6671	4.0649	4.0954
Te-134	2.8776	3.3473	3.7814	3.7134
Th-223	1.1599	1.4182	2.0588	2.1399
Th-224	0.1940	0.2298	0.2973	0.2958
Th-226	0.1361	0.1737	0.2891	0.3120
Th-227	1.2452	1.5691	2.4937	2.6824
Th-228	0.0964	0.1335	0.2699	0.3060
Th-229	1.6826	2.1396	3.5198	3.8032
Th-230	1.3598	1.5753	1.6860	1.6400
Th-231	0.8686	1.1696	2.2296	2.4882
Th-232	1.1816	1.3972	1.5384	1.5153
Th-233	0.2829	0.3615	0.6134	0.6801
Th-234	0.2237	0.2816	0.4429	0.4698
Th-235	0.1282	0.1510	0.1757	0.1795
Th-236	0.2386	0.2904	0.4121	0.4291

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Ti-44	2.4438	2.8293	3.2161	3.0454
Ti-45	0.0096	0.0136	0.0327	0.0406
Ti-51	1.2702	1.4591	1.6258	1.6572
Ti-52	1.5895	1.8435	2.2955	2.2291
Tl-190	1.8659	2.1937	2.6015	2.6605
Tl-190m	4.7352	5.5630	6.4123	6.5695
Tl-194	2.0195	2.3888	2.9388	3.0235
Tl-194m	6.1570	7.2693	8.6707	8.9226
Tl-195	2.7351	3.3151	4.4616	4.7004
Tl-196	3.2771	3.8823	4.6572	4.7608
Tl-197	2.1661	2.5927	3.4139	3.5220
Tl-198	3.6023	4.2710	5.1351	5.2489
Tl-198m	4.0726	4.8396	6.0841	6.3344
Tl-199	2.0873	2.4975	3.3437	3.4384
Tl-200	3.3477	3.9609	4.8245	4.9498
Tl-201	1.6284	1.9802	2.8562	2.9991
Tl-202	2.2521	2.6747	3.4054	3.5044
Tl-204	0.0253	0.0311	0.0466	0.0498
Tl-206m	6.2786	7.3397	8.4007	8.4111
Tl-206	0.0013	0.0015	0.0022	0.0022
Tl-207	0.0033	0.0039	0.0042	0.0043
Tl-208	2.8240	3.3342	3.6729	3.6934
Tl-209	3.8758	4.5259	5.1072	5.0203
Tl-210	3.9514	4.6770	5.4109	5.5340
Tm-161	4.7813	5.6579	6.8735	6.8288
Tm-162	2.5149	2.9850	3.5124	3.5286
Tm-163	4.0162	4.7490	5.6537	5.6290
Tm-164	1.1049	1.3185	1.6361	1.6527
Tm-165	3.1370	3.6953	4.4564	4.4400
Tm-166	3.7384	4.4387	5.2644	5.3252
Tm-167	1.9500	2.3197	2.9793	2.9995
Tm-168	4.2025	4.9518	5.8795	5.8999
Tm-170	0.0871	0.1065	0.1583	0.1696
Tm-171	0.0148	0.0179	0.0244	0.0252
Tm-172	0.7180	0.8629	1.0839	1.1252
Tm-173	1.2785	1.4818	1.6858	1.7015
Tm-174	5.3009	6.1855	7.1754	7.1874
Tm-175	2.1803	2.5675	2.8962	2.9439
Tm-176	3.7506	4.4081	5.1332	5.1521
U-227	1.1900	1.4450	2.0434	2.1036
U-228	0.1209	0.1614	0.2991	0.3307
U-230	0.1100	0.1543	0.3186	0.3608
U-231	1.9471	2.4969	4.1809	4.5100



<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
U-232	0.0976	0.1393	0.2977	0.3396
U-233	0.0508	0.0727	0.1571	0.1802
U-234	1.3072	1.5175	1.6115	1.5215
U-235	1.5888	1.8254	1.9877	2.0164
U-235m	0.0000	0.0000	0.0000	0.0000
U-236	0.0793	0.1137	0.2455	0.2807
U-237	2.1184	2.5813	3.6862	3.7888
U-238	1.1995	1.4278	1.5612	1.5555
U-239	0.8172	0.9711	1.2306	1.2168
U-240	0.3053	0.4146	0.8130	0.9129
U-242	0.2943	0.3464	0.4136	0.4043
V-47	0.0097	0.0121	0.0183	0.0202
V-48	2.6118	3.1069	3.4216	3.4890
V-49	0.0469	0.0745	0.2291	0.2931
V-50	1.2408	1.4875	1.7226	1.7717
V-52	1.2257	1.4549	1.5650	1.5573
V-53	1.2817	1.5194	1.6356	1.6673
W-177	4.7342	5.6131	7.1451	7.2748
W-178	0.4046	0.5148	0.8894	0.9995
W-179	1.3557	1.6647	2.4722	2.6321
W-179m	0.9108	1.1018	1.5514	1.6191
W-181	0.9161	1.1149	1.5915	1.6713
W-185m	0.5694	0.7638	1.6100	1.9089
W-185	0.0009	0.0010	0.0014	0.0014
W-187	1.4192	1.6701	1.9680	1.9927
W-188	0.0126	0.0149	0.0190	0.0194
W-190	2.2513	2.6824	3.5630	3.6140
Xe-120	2.5729	3.0358	3.7221	3.6717
Xe-121	1.9385	2.2751	2.6455	2.5962
Xe-122	1.0539	1.2502	1.5826	1.5627
Xe-123	2.0851	2.4372	2.9034	2.8122
Xe-125	2.4964	2.9213	3.5218	3.3970
Xe-127	2.5704	2.9939	3.5707	3.4353
Xe-127m	2.1301	2.4615	2.9109	2.7696
Xe-129m	1.5608	1.8626	2.3797	2.3432
Xe-131m	0.6471	0.7749	1.0108	1.0048
Xe-133	1.0643	1.2483	1.4904	1.4361
Xe-133m	0.7600	0.9036	1.1491	1.1311
Xe-135	1.2552	1.4426	1.6382	1.5531
Xe-135m	1.0815	1.2706	1.4305	1.4418
Xe-137	0.4140	0.4823	0.5323	0.5350
Xe-138	1.5791	1.8551	2.1451	2.1514
Y-81	1.6744	1.9931	2.6059	2.5999

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Y-83	1.0343	1.2943	1.8210	1.9043
Y-83m	1.1389	1.3498	1.6901	1.6915
Y-84m	3.9631	4.6954	5.1290	5.2407
Y-85	0.9629	1.1673	1.4712	1.5253
Y-85m	1.0711	1.3037	1.6661	1.7119
Y-86	4.1348	4.9539	5.7598	5.9316
Y-86m	1.3614	1.5700	1.8138	1.7180
Y-87	1.4424	1.7991	2.5423	2.6859
Y-87m	1.0297	1.2075	1.4460	1.4796
Y-88	2.7346	3.3518	4.1805	4.3474
Y-89m	1.2147	1.4385	1.5576	1.5926
Y-90	0.0001	0.0001	0.0001	0.0001
Y-90m	2.4768	2.8735	3.2640	3.1661
Y-91	0.0032	0.0038	0.0041	0.0041
Y-91m	1.1250	1.3233	1.4757	1.5105
Y-92	0.3229	0.3816	0.4133	0.4196
Y-93	0.1653	0.1924	0.2135	0.2101
Y-94	0.9551	1.1297	1.2213	1.2436
Y-95	0.7341	0.8717	0.9381	0.9386
Yb-162	2.5143	2.9552	3.6429	3.6052
Yb-163	1.7546	2.1053	2.7165	2.8030
Yb-164	1.0843	1.2982	1.6701	1.6883
Yb-165	2.7003	3.2563	4.4233	4.5954
Yb-166	2.0382	2.4341	3.1148	3.1370
Yb-167	4.2597	5.0500	6.4771	6.5057
Yb-169	4.8519	5.7288	7.1192	7.0520
Yb-175	0.2015	0.2342	0.2757	0.2744
Yb-177	0.7316	0.8547	1.0035	0.9797
Yb-178	0.1397	0.1626	0.1926	0.1980
Yb-179	2.2994	2.6919	3.0192	3.0930
Zn-60	1.4061	1.6452	1.8522	1.8753
Zn-61	0.5414	0.6392	0.7028	0.7074
Zn-62	1.2300	1.5113	2.2127	2.4362
Zn-63	0.2146	0.2579	0.3161	0.3391
Zn-65	0.7906	1.0017	1.5834	1.8098
Zn-69	0.0000	0.0000	0.0000	0.0000
Zn-69m	1.1301	1.3144	1.4844	1.5057
Zn-71	0.6342	0.7423	0.8157	0.8207
Zn-71m	3.5743	4.1618	4.5853	4.6497
Zn-72	1.7120	2.0615	3.0350	3.2016
Zr-85	1.0931	1.2823	1.4567	1.4732
Zr-86	2.3205	2.8765	4.1767	4.2667
Zr-87	0.1636	0.2115	0.3236	0.3438

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Zr-88	1.5906	1.9439	2.6715	2.7914
Zr-89	1.5500	1.9104	2.4718	2.5894
Zr-89m	1.1529	1.3610	1.5298	1.5787
Zr-93	0.0000	0.0000	0.0000	0.0000
Zr-95	1.1462	1.3500	1.4676	1.5094
Zr-97	1.3749	1.6198	1.7716	1.8146

Table 4: Composite 1 - 1 cm Contamination Thickness for 10x10x10 ft and 50x50x10 ft rooms

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Ac-223	0.3116	0.2644	0.3052	0.3292	0.2675	0.2412	0.2968	0.3288
Ac-224	2.9847	2.6141	2.9543	3.1021	2.9994	2.9167	3.2046	3.2721
Ac-225	0.4324	0.3766	0.4251	0.4544	0.3698	0.3362	0.4064	0.4486
Ac-226	1.3256	1.1534	1.3114	1.3770	1.3490	1.3125	1.4431	1.4657
Ac-227	0.0958	0.0791	0.0929	0.1029	0.0675	0.0540	0.0788	0.0967
Ac-228	1.9735	1.6481	1.9447	2.0596	2.0562	1.9838	2.2256	2.2514
Ac-230	0.8452	0.6996	0.8305	0.8818	0.8746	0.8375	0.9503	0.9652
Ac-231	2.8716	2.4705	2.8432	2.9795	3.0231	2.9663	3.2315	3.2359
Ac-232	1.3434	1.0957	1.3177	1.4023	1.4249	1.3685	1.5493	1.5602
Ac-233	1.2279	1.0016	1.2101	1.2798	1.3433	1.3088	1.4537	1.4484
Ag-100m	2.2157	1.7760	2.1788	2.3100	2.5375	2.4916	2.7440	2.6801
Ag-101	1.9260	1.6231	1.9054	1.9954	2.1260	2.0988	2.2736	2.2362
Ag-102m	1.3821	1.1120	1.3560	1.4362	1.5672	1.5304	1.6996	1.6596
Ag-102	3.3467	2.7106	3.2941	3.4824	3.8007	3.7323	4.1033	4.0122
Ag-103	2.1974	1.9355	2.1829	2.2655	2.3502	2.3292	2.4819	2.4570
Ag-104	4.1862	3.4600	4.1324	4.3517	4.6790	4.6025	5.0262	4.9337
Ag-104m	1.6949	1.4076	1.6737	1.7571	1.8864	1.8532	2.0270	1.9907
Ag-105	2.3265	2.0532	2.3175	2.3976	2.4674	2.4408	2.6083	2.5847
Ag-105m	0.0374	0.0288	0.0358	0.0407	0.0260	0.0200	0.0312	0.0390
Ag-106	0.4432	0.4043	0.4431	0.4546	0.4536	0.4472	0.4753	0.4757
Ag-106m	5.1088	4.2418	5.0483	5.3041	5.6923	5.6032	6.1082	5.9999
Ag-108	0.0456	0.0399	0.0454	0.0471	0.0487	0.0480	0.0517	0.0513
Ag-108m	3.9020	3.2847	3.8680	4.0484	4.3053	4.2433	4.6083	4.5401
Ag-109m	0.3270	0.3179	0.3288	0.3337	0.3069	0.3016	0.3152	0.3234
Ag-110	0.0580	0.0473	0.0573	0.0604	0.0656	0.0646	0.0707	0.0694
Ag-110m	3.9016	3.1283	3.8394	4.0730	4.4677	4.3924	4.8306	4.7203
Ag-111	0.1098	0.0920	0.1087	0.1138	0.1216	0.1203	0.1302	0.1279
Ag-111m	0.1861	0.1775	0.1863	0.1911	0.1692	0.1632	0.1759	0.1844
Ag-112	0.8863	0.7118	0.8725	0.9235	1.0141	0.9961	1.0969	1.0723
Ag-113m	0.8024	0.6751	0.7942	0.8328	0.8738	0.8596	0.9366	0.9271
Ag-113	0.2438	0.2033	0.2410	0.2529	0.2709	0.2677	0.2904	0.2851
Ag-114	0.3696	0.2984	0.3639	0.3844	0.4209	0.4136	0.4546	0.4448
Ag-115	0.8567	0.7100	0.8450	0.8893	0.9599	0.9469	1.0304	1.0099
Ag-116	2.1302	1.7036	2.0912	2.2153	2.4401	2.3901	2.6476	2.5791
Ag-117	1.6762	1.3847	1.6505	1.7379	1.8850	1.8563	2.0249	1.9797
Ag-99	2.3702	1.9528	2.3362	2.4621	2.6608	2.6212	2.8612	2.8022
Al-26	1.1415	0.8842	1.1125	1.1877	1.3361	1.3036	1.4511	1.4064
Al-28	1.1119	0.8619	1.0839	1.1569	1.3021	1.2709	1.4142	1.3700
Al-29	1.1847	0.9256	1.1558	1.2339	1.3762	1.3487	1.4932	1.4498
Am-237	3.0962	2.7084	3.0667	3.2130	3.1238	3.0361	3.3382	3.4008
Am-238	2.9384	2.5258	2.9049	3.0555	3.0206	2.9325	3.2404	3.2830
Am-239	3.6787	3.2562	3.6430	3.8213	3.5814	3.4531	3.8285	3.9585

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Am-240	3.1837	2.7309	3.1453	3.3160	3.2225	3.1079	3.4679	3.5390
Am-241	1.0657	0.9938	1.0773	1.0952	1.1442	1.1606	1.1570	1.1284
Am-242	0.5390	0.4872	0.5341	0.5606	0.4791	0.4489	0.5146	0.5529
Am-242m	0.3520	0.3166	0.3473	0.3690	0.2771	0.2450	0.3041	0.3470
Am-243	1.1562	1.0507	1.1527	1.1933	1.1655	1.1539	1.2229	1.2324
Am-244	2.7921	2.4108	2.7590	2.9100	2.7595	2.6400	2.9736	3.0644
Am-244m	0.1938	0.1751	0.1919	0.2021	0.1647	0.1510	0.1782	0.1956
Am-245	0.3913	0.3456	0.3878	0.4058	0.3899	0.3785	0.4158	0.4257
Am-246	3.9441	3.4449	3.9031	4.1045	3.8706	3.7117	4.1572	4.2915
Am-246m	1.6460	1.3568	1.6204	1.7178	1.7674	1.7149	1.9113	1.9106
Am-247	1.4252	1.2534	1.4125	1.4772	1.4452	1.4098	1.5396	1.5642
Ar-37	0.0407	0.0306	0.0388	0.0448	0.0260	0.0184	0.0323	0.0421
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	1.1680	0.9140	1.1400	1.2167	1.3558	1.3299	1.4696	1.4276
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	1.4254	1.1259	1.3971	1.4863	1.6470	1.6137	1.7882	1.7389
Ar-44	2.3124	1.8895	2.2729	2.4024	2.6224	2.5818	2.8200	2.7524
As-68	2.8183	2.2338	2.7659	2.9409	3.2455	3.1824	3.5192	3.4305
As-69	0.5031	0.4172	0.4946	0.5260	0.5261	0.5082	0.5699	0.5771
As-70	3.7350	2.9637	3.6646	3.8991	4.2658	4.1762	4.6245	4.5263
As-71	2.0595	1.7066	2.0180	2.1687	2.0104	1.8955	2.2007	2.3045
As-72	1.2726	1.0129	1.2478	1.3351	1.4116	1.3705	1.5372	1.5247
As-73	1.5709	1.2076	1.5036	1.7162	1.0521	0.7859	1.2771	1.6244
As-74	1.1696	0.9371	1.1469	1.2323	1.2034	1.1415	1.3235	1.3625
As-76	0.7424	0.6022	0.7321	0.7724	0.8425	0.8290	0.9088	0.8909
As-77	0.0417	0.0354	0.0412	0.0432	0.0455	0.0449	0.0486	0.0481
As-78	1.6615	1.3310	1.6339	1.7317	1.9028	1.8692	2.0582	2.0108
As-79	0.0759	0.0622	0.0750	0.0789	0.0856	0.0843	0.0921	0.0903
At-204	5.4656	4.5360	5.3989	5.6922	5.9530	5.8284	6.4120	6.3736
At-205	2.9328	2.4796	2.8951	3.0570	3.0668	2.9840	3.2992	3.3259
At-206	5.6452	4.6909	5.5756	5.8780	6.1548	6.0310	6.6253	6.5766
At-207	4.4469	3.7169	4.3850	4.6350	4.7411	4.6216	5.1079	5.1119
At-208	6.8317	5.6827	6.7388	7.1231	7.3884	7.2220	7.9599	7.9291
At-209	6.2986	5.2792	6.2139	6.5671	6.7114	6.5488	7.2242	7.2330
At-210	5.3137	4.4068	5.2269	5.5354	5.6907	5.5398	6.1405	6.1363
At-211	0.7668	0.6748	0.7584	0.7998	0.7302	0.7000	0.7836	0.8188
At-215	0.0006	0.0005	0.0006	0.0007	0.0007	0.0007	0.0007	0.0007
At-216	0.0390	0.0342	0.0386	0.0405	0.0385	0.0373	0.0411	0.0422
At-217	0.0015	0.0013	0.0015	0.0016	0.0016	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	2.0643	1.7457	2.0426	2.1419	2.2429	2.2100	2.4022	2.3805
Au-186	3.3310	2.8100	3.2891	3.4695	3.5500	3.4764	3.8104	3.8077

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Au-187	2.7500	2.3087	2.7061	2.8774	2.7768	2.6675	3.0051	3.0802
Au-190	3.8224	3.1788	3.7648	3.9787	4.1049	4.0038	4.4302	4.4104
Au-191	3.4435	2.9325	3.4009	3.5946	3.4939	3.3820	3.7606	3.8389
Au-192	3.5775	2.9787	3.5241	3.7257	3.8188	3.7225	4.1165	4.1110
Au-193	2.2914	1.9879	2.2643	2.3930	2.2400	2.1597	2.4041	2.4868
Au-193m	1.6943	1.4249	1.6656	1.7764	1.6506	1.5658	1.7983	1.8780
Au-194	2.9485	2.4814	2.9092	3.0725	3.0896	3.0089	3.3236	3.3440
Au-195	2.0388	1.7568	2.0072	2.1426	1.8702	1.7580	2.0309	2.1693
Au-195m	1.7104	1.4390	1.6816	1.7930	1.6664	1.5811	1.8151	1.8949
Au-196	2.7666	2.3534	2.7376	2.8809	2.8736	2.8030	3.0849	3.1116
Au-196m	3.7961	3.2353	3.7325	3.9868	3.5895	3.3865	3.9038	4.1250
Au-198	1.2244	1.0159	1.2143	1.2715	1.3624	1.3426	1.4647	1.4409
Au-198m	5.6323	4.8455	5.5649	5.8721	5.7558	5.6042	6.1713	6.2696
Au-199	1.1507	0.9933	1.1362	1.1984	1.1723	1.1396	1.2552	1.2766
Au-200	0.4571	0.3717	0.4503	0.4753	0.5147	0.5062	0.5549	0.5437
Au-200m	6.3151	5.2662	6.2395	6.5668	6.9280	6.8122	7.4418	7.3644
Au-201	0.1663	0.1371	0.1630	0.1753	0.1588	0.1482	0.1748	0.1851
Au-202	0.2860	0.2320	0.2819	0.2976	0.3233	0.3179	0.3488	0.3418
Ba-124	1.6264	1.4553	1.6174	1.6767	1.7025	1.6881	1.7866	1.7794
Ba-126	2.0200	1.7738	2.0056	2.0860	2.1506	2.1297	2.2705	2.2530
Ba-127	0.9110	0.8307	0.9073	0.9370	0.9391	0.9331	0.9791	0.9784
Ba-128	0.8685	0.8192	0.8687	0.8893	0.8609	0.8559	0.8868	0.8955
Ba-129	0.9882	0.9094	0.9851	1.0160	1.0001	0.9911	1.0404	1.0472
Ba-129m	4.0101	3.4156	3.9677	4.1597	4.3456	4.2813	4.6341	4.5896
Ba-131	2.5711	2.2828	2.5567	2.6507	2.7187	2.6969	2.8603	2.8451
Ba-131m	1.2997	1.1781	1.2926	1.3410	1.3247	1.3122	1.3874	1.3982
Ba-133	2.8364	2.5472	2.8268	2.9208	2.9661	2.9483	3.1094	3.0927
Ba-133m	0.8576	0.7760	0.8509	0.8884	0.8182	0.7913	0.8632	0.8971
Ba-135m	0.7093	0.6597	0.7081	0.7282	0.7070	0.7009	0.7327	0.7406
Ba-137m	1.1612	0.9516	1.1473	1.2099	1.3091	1.2893	1.4094	1.3845
Ba-139	0.4115	0.3608	0.4080	0.4251	0.4444	0.4419	0.4691	0.4628
Ba-140	0.8047	0.6783	0.7926	0.8413	0.8044	0.7687	0.8708	0.8987
Ba-141	2.5541	2.1397	2.5245	2.6508	2.8366	2.8043	3.0361	2.9816
Ba-142	2.1557	1.8005	2.1293	2.2378	2.3971	2.3687	2.5647	2.5177
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.1253	0.1030	0.1238	0.1300	0.1408	0.1388	0.1515	0.1487
Bi-197	3.3010	2.7483	3.2504	3.4476	3.4743	3.3706	3.7519	3.7788
Bi-200	6.4412	5.3799	6.3649	6.7041	6.9513	6.8064	7.4770	7.4466
Bi-201	3.3393	2.7809	3.2878	3.4850	3.5315	3.4308	3.8107	3.8276
Bi-202	5.9085	4.8938	5.8315	6.1587	6.4265	6.2884	6.9250	6.8825
Bi-203	4.0545	3.3563	3.9895	4.2303	4.3443	4.2276	4.6883	4.6862
Bi-204	5.9654	4.9298	5.8813	6.2226	6.4681	6.3187	6.9762	6.9416
Bi-205	3.1312	2.6001	3.0814	3.2694	3.2983	3.1954	3.5646	3.5908

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Bi-206	6.9112	5.7231	6.8121	7.2068	7.4935	7.3234	8.0760	8.0350
Bi-207	3.5646	2.9639	3.5147	3.7183	3.7974	3.6968	4.0962	4.1080
Bi-208	1.9748	1.6001	1.9285	2.0636	2.0720	1.9698	2.2875	2.2962
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.3770	1.1655	1.3619	1.4291	1.4838	1.4604	1.5892	1.5791
Bi-211	0.2128	0.1791	0.2107	0.2211	0.2297	0.2257	0.2465	0.2448
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	0.2623	0.2125	0.2561	0.2776	0.2477	0.2280	0.2752	0.2936
Bi-213	0.4095	0.3422	0.4055	0.4253	0.4475	0.4396	0.4807	0.4762
Bi-214	1.6011	1.2765	1.5720	1.6682	1.8357	1.8004	1.9873	1.9403
Bi-215	1.0211	0.8643	1.0094	1.0610	1.0901	1.0695	1.1688	1.1658
Bi-216	1.8320	1.5082	1.8117	1.9037	2.0480	2.0154	2.2041	2.1697
Bk-245	3.0956	2.7444	3.0694	3.2076	3.0971	3.0157	3.2949	3.3651
Bk-246	3.0508	2.6338	3.0144	3.1763	3.0706	2.9612	3.2986	3.3724
Bk-247	1.5491	1.3684	1.5386	1.6013	1.6193	1.6017	1.7137	1.7128
Bk-248m	0.6731	0.6009	0.6673	0.6984	0.6453	0.6196	0.6888	0.7164
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	1.3778	1.1272	1.3570	1.4382	1.4991	1.4578	1.6215	1.6134
Bk-251	1.5995	1.4255	1.5852	1.6596	1.5532	1.4979	1.6554	1.7137
Br-72	2.3376	1.8652	2.2944	2.4405	2.6534	2.5965	2.8767	2.8188
Br-73	1.4544	1.2347	1.4397	1.5115	1.5655	1.5419	1.6734	1.6622
Br-74	2.6066	2.0706	2.5513	2.7159	2.9653	2.8867	3.2401	3.1583
Br-74m	3.2720	2.6119	3.2119	3.4133	3.7183	3.6337	4.0410	3.9561
Br-75	1.9202	1.6036	1.8948	1.9988	2.0505	2.0011	2.2102	2.2123
Br-76	2.4846	1.9858	2.4339	2.5974	2.7116	2.6149	2.9623	2.9540
Br-76m	1.4245	1.2679	1.4047	1.4928	1.1973	1.0947	1.3019	1.4417
Br-77	1.6654	1.3735	1.6305	1.7560	1.5649	1.4488	1.7295	1.8456
Br-77m	0.6807	0.5844	0.6662	0.7194	0.5545	0.4899	0.6189	0.7026
Br-78	0.2197	0.1784	0.2159	0.2309	0.2266	0.2159	0.2483	0.2546
Br-80	0.1427	0.1157	0.1400	0.1502	0.1436	0.1355	0.1579	0.1639
Br-80m	1.2299	1.0885	1.2083	1.2944	0.9696	0.8562	1.0697	1.2270
Br-82m	0.5109	0.4327	0.4969	0.5451	0.3627	0.2947	0.4189	0.5099
Br-82	3.9832	3.2048	3.9203	4.1544	4.5487	4.4735	4.9140	4.8052
Br-83	0.0157	0.0129	0.0155	0.0163	0.0177	0.0174	0.0190	0.0187
Br-84m	3.5971	2.8876	3.5393	3.7470	4.1150	4.0444	4.4475	4.3395
Br-84	1.2826	1.0078	1.2545	1.3376	1.4867	1.4532	1.6195	1.5699
Br-85	0.0877	0.0702	0.0862	0.0916	0.1006	0.0989	0.1088	0.1061
C-10	1.2147	0.9796	1.1967	1.2687	1.3861	1.3637	1.4974	1.4655
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	0.0727	0.0547	0.0693	0.0799	0.0464	0.0329	0.0576	0.0752
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	1.0352	0.8146	1.0119	1.0784	1.1977	1.1753	1.2972	1.2616

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Ca-49	1.0470	0.7970	1.0101	1.0892	1.2366	1.1897	1.3795	1.3123
Cd-101	2.5324	2.1427	2.5015	2.6206	2.8002	2.7666	2.9866	2.9273
Cd-102	2.1122	1.8373	2.0989	2.1797	2.2703	2.2422	2.4074	2.3819
Cd-103	1.9738	1.6699	1.9490	2.0407	2.1630	2.1226	2.3130	2.2726
Cd-104	1.7360	1.6076	1.7378	1.7797	1.7827	1.7761	1.8533	1.8444
Cd-105	1.3775	1.1803	1.3633	1.4227	1.4929	1.4670	1.5902	1.5675
Cd-107	0.9162	0.9039	0.9236	0.9315	0.8589	0.8478	0.8758	0.8954
Cd-109	0.8510	0.8406	0.8579	0.8652	0.7939	0.7828	0.8094	0.8292
Cd-111m	2.0550	1.7992	2.0399	2.1208	2.2054	2.1869	2.3346	2.3109
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	0.0007	0.0008	0.0008
Cd-115	0.4929	0.4098	0.4875	0.5110	0.5496	0.5419	0.5893	0.5796
Cd-115m	0.0405	0.0322	0.0397	0.0422	0.0465	0.0457	0.0503	0.0491
Cd-117	1.6969	1.3889	1.6716	1.7626	1.9151	1.8873	2.0599	2.0142
Cd-117m	1.8991	1.5025	1.8611	1.9783	2.1916	2.1483	2.3746	2.3116
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	2.0250	1.6441	1.9914	2.1037	2.2981	2.2601	2.4779	2.4186
Cd-119m	2.2474	1.7867	2.2041	2.3407	2.5866	2.5374	2.8004	2.7268
Ce-130	2.5666	2.2889	2.5514	2.6471	2.7004	2.6812	2.8361	2.8245
Ce-131	2.8739	2.4500	2.8434	2.9802	3.1002	3.0511	3.3061	3.2808
Ce-132	2.4976	2.2273	2.4829	2.5777	2.6339	2.6170	2.7684	2.7512
Ce-133	2.0631	1.9130	2.0611	2.1180	2.1069	2.1063	2.1817	2.1803
Ce-133m	3.9290	3.3812	3.8932	4.0632	4.2648	4.2201	4.5243	4.4660
Ce-134	0.7074	0.6813	0.7089	0.7237	0.6794	0.6755	0.6935	0.7078
Ce-135	2.9487	2.5509	2.9247	3.0503	3.1731	3.1387	3.3659	3.3347
Ce-137	0.8503	0.7926	0.8464	0.8787	0.7831	0.7577	0.8164	0.8579
Ce-137m	0.7048	0.6556	0.7036	0.7242	0.6979	0.6915	0.7232	0.7332
Ce-139	1.9749	1.7848	1.9646	2.0350	2.0525	2.0389	2.1471	2.1422
Ce-141	0.8940	0.7940	0.8878	0.9220	0.9557	0.9520	1.0042	0.9948
Ce-143	1.5682	1.3932	1.5605	1.6172	1.6534	1.6432	1.7380	1.7258
Ce-144	0.2706	0.2443	0.2693	0.2787	0.2839	0.2832	0.2968	0.2957
Ce-145	2.4421	2.1267	2.4243	2.5266	2.6172	2.5929	2.7677	2.7413
Cf-244	0.1232	0.1127	0.1220	0.1285	0.0989	0.0889	0.1073	0.1207
Cf-246	0.0846	0.0775	0.0838	0.0883	0.0680	0.0612	0.0738	0.0830
Cf-247	2.1950	1.9638	2.1740	2.2821	2.0401	1.9381	2.1848	2.3060
Cf-248	0.1014	0.0928	0.1004	0.1058	0.0817	0.0736	0.0886	0.0995
Cf-249	1.4592	1.2424	1.4467	1.5153	1.5345	1.4964	1.6481	1.6543
Cf-250	0.0903	0.0814	0.0893	0.0941	0.0769	0.0705	0.0833	0.0913
Cf-251	1.8308	1.6253	1.8146	1.8993	1.8034	1.7464	1.9219	1.9758
Cf-252	0.6780	0.5620	0.6682	0.7048	0.7421	0.7256	0.7999	0.7911
Cf-253	0.2725	0.2473	0.2694	0.2849	0.2194	0.1970	0.2385	0.2686
Cf-254	22.1014	18.0707	21.7683	22.9656	25.0162	24.6333	26.9499	26.3183
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000



<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Cl-34	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34m	1.3807	1.1259	1.3536	1.4320	1.5686	1.5405	1.6916	1.6469
Cl-36	0.0006	0.0004	0.0005	0.0006	0.0004	0.0003	0.0005	0.0006
Cl-38	0.8160	0.6302	0.7947	0.8488	0.9572	0.9318	1.0443	1.0093
Cl-39	1.7802	1.4349	1.7468	1.8502	2.0309	1.9983	2.1910	2.1372
Cl-40	2.1714	1.6860	2.1145	2.2599	2.5371	2.4688	2.7817	2.6804
Cm-238	1.4894	1.3305	1.4774	1.5434	1.4677	1.4261	1.5599	1.6017
Cm-239	3.2199	2.8361	3.1916	3.3378	3.3037	3.2374	3.5122	3.5481
Cm-240	0.1409	0.1283	0.1393	0.1472	0.1115	0.0994	0.1217	0.1381
Cm-241	3.4883	3.0411	3.4520	3.6266	3.4454	3.3148	3.6980	3.8104
Cm-242	0.1264	0.1151	0.1250	0.1321	0.1001	0.0891	0.1092	0.1239
Cm-243	1.8314	1.6079	1.8109	1.9066	1.7639	1.6886	1.8948	1.9724
Cm-244	0.1085	0.0988	0.1073	0.1134	0.0859	0.0765	0.0937	0.1064
Cm-245	1.9399	1.7274	1.9224	2.0132	1.8871	1.8228	2.0125	2.0793
Cm-246	0.0913	0.0827	0.0902	0.0953	0.0739	0.0663	0.0805	0.0905
Cm-247	1.0450	0.8722	1.0369	1.0845	1.1587	1.1427	1.2440	1.2243
Cm-248	1.8041	1.4827	1.7773	1.8751	2.0144	1.9775	2.1710	2.1312
Cm-249	0.1732	0.1346	0.1669	0.1873	0.1343	0.1107	0.1572	0.1861
Cm-250	17.4458	14.2648	17.1827	18.1279	19.7418	19.4382	21.2684	20.7715
Cm-251	0.4127	0.3515	0.4083	0.4286	0.4343	0.4235	0.4658	0.4683
Co-54m	3.5280	2.8198	3.4673	3.6728	4.0441	3.9739	4.3724	4.2633
Co-55	1.6372	1.3038	1.6071	1.7117	1.8431	1.7993	2.0004	1.9699
Co-56	3.1996	2.5096	3.1239	3.3513	3.5825	3.4675	3.9165	3.8659
Co-57	2.0477	1.7385	2.0111	2.1492	1.9646	1.8577	2.1352	2.2535
Co-58	1.4660	1.1622	1.4334	1.5466	1.5543	1.4850	1.7058	1.7298
Co-58m	0.2914	0.2191	0.2777	0.3203	0.1860	0.1318	0.2308	0.3015
Co-60	2.3722	1.8603	2.3185	2.4725	2.7508	2.6987	2.9813	2.8980
Co-60m	0.3448	0.2632	0.3297	0.3772	0.2308	0.1717	0.2810	0.3579
Co-61	1.0583	0.9566	1.0569	1.0904	1.1221	1.1303	1.1703	1.1511
Co-62	1.3664	1.0696	1.3355	1.4243	1.5859	1.5533	1.7228	1.6730
Co-62m	2.4368	1.9099	2.3826	2.5402	2.8263	2.7710	3.0642	2.9792
Cr-48	2.9427	2.5138	2.9108	3.0537	3.1545	3.1103	3.3678	3.3535
Cr-49	1.3661	1.2140	1.3589	1.4090	1.4739	1.4779	1.5476	1.5213
Cr-51	0.2994	0.2361	0.2901	0.3207	0.2544	0.2220	0.2906	0.3276
Cr-55	0.0005	0.0004	0.0005	0.0005	0.0006	0.0006	0.0006	0.0006
Cr-56	1.6674	1.5155	1.6619	1.7193	1.7078	1.6985	1.7865	1.7891
Cs-121	1.0043	0.8662	0.9954	1.0387	1.0942	1.0849	1.1611	1.1445
Cs-121m	1.8949	1.6333	1.8783	1.9620	2.0597	2.0408	2.1879	2.1592
Cs-123	1.3993	1.2351	1.3910	1.4434	1.4979	1.4896	1.5775	1.5593
Cs-124	0.5121	0.4296	0.5068	0.5307	0.5664	0.5590	0.6061	0.5955
Cs-125	1.1498	1.0155	1.1431	1.1853	1.2225	1.2111	1.2879	1.2778
Cs-126	0.8466	0.7160	0.8399	0.8771	0.9317	0.9200	0.9952	0.9796
Cs-127	1.8426	1.6345	1.8355	1.8989	1.9522	1.9354	2.0553	2.0408

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Cs-128	0.5990	0.5237	0.5956	0.6180	0.6409	0.6339	0.6777	0.6714
Cs-129	1.6914	1.5409	1.6891	1.7376	1.7472	1.7350	1.8231	1.8190
Cs-130m	1.4595	1.3613	1.4577	1.5001	1.4495	1.4393	1.5009	1.5176
Cs-130	0.4179	0.3982	0.4186	0.4271	0.4126	0.4106	0.4231	0.4269
Cs-131	0.6218	0.6097	0.6248	0.6334	0.5949	0.5932	0.6028	0.6133
Cs-132	1.8713	1.6220	1.8579	1.9368	2.0175	1.9938	2.1385	2.1183
Cs-134	2.7073	2.1894	2.6682	2.8244	3.0824	3.0332	3.3275	3.2583
Cs-134m	0.6068	0.5413	0.5995	0.6328	0.5591	0.5307	0.5965	0.6345
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	2.4023	1.9293	2.3620	2.5118	2.7468	2.7012	2.9683	2.8993
Cs-136	3.6916	3.0168	3.6376	3.8444	4.1717	4.1132	4.4876	4.3900
Cs-137	1.3656	1.0996	1.3322	1.4194	1.5511	1.5269	1.6578	1.6278
Cs-138m	1.1470	1.0018	1.1369	1.1857	1.2145	1.1976	1.2855	1.2796
Cs-138	2.3186	1.8446	2.2744	2.4134	2.6672	2.6154	2.8901	2.8129
Cs-139	0.2354	0.1846	0.2300	0.2451	0.2730	0.2671	0.2968	0.2880
Cs-140	1.5783	1.2528	1.5480	1.6437	1.8182	1.7801	1.9750	1.9221
Cu-57	0.1230	0.0969	0.1205	0.1284	0.1419	0.1391	0.1539	0.1499
Cu-59	0.6082	0.4880	0.5976	0.6338	0.6911	0.6784	0.7472	0.7311
Cu-60	2.3361	1.8279	2.2808	2.4354	2.6981	2.6350	2.9332	2.8547
Cu-61	0.6240	0.5058	0.6112	0.6575	0.6239	0.5892	0.6857	0.7123
Cu-62	0.0158	0.0121	0.0152	0.0170	0.0137	0.0119	0.0158	0.0177
Cu-64	0.1799	0.1354	0.1715	0.1975	0.1177	0.0851	0.1451	0.1872
Cu-66	0.1167	0.0923	0.1147	0.1219	0.1346	0.1323	0.1458	0.1421
Cu-67	1.1574	0.9985	1.1451	1.2028	1.2275	1.2099	1.3084	1.3063
Cu-69	0.7046	0.5624	0.6929	0.7355	0.8086	0.7948	0.8746	0.8538
Dy-148	2.1085	1.8101	2.0914	2.1887	2.2512	2.2183	2.3960	2.3859
Dy-149	3.2768	2.8065	3.2417	3.3990	3.5148	3.4658	3.7381	3.7071
Dy-150	1.3590	1.1818	1.3520	1.4074	1.4352	1.4163	1.5230	1.5175
Dy-151	3.1311	2.6460	3.0940	3.2565	3.3415	3.2731	3.5768	3.5675
Dy-152	2.2166	1.9445	2.2004	2.2922	2.3251	2.2993	2.4603	2.4558
Dy-153	3.9243	3.4556	3.8969	4.0617	4.0894	4.0410	4.3186	4.3166
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	2.7673	2.4092	2.7443	2.8671	2.9278	2.8935	3.1031	3.0891
Dy-157	2.2519	1.9659	2.2364	2.3307	2.3650	2.3366	2.5049	2.4966
Dy-159	1.1089	1.0235	1.1063	1.1450	1.0765	1.0616	1.1201	1.1440
Dy-165m	0.3326	0.2768	0.3247	0.3534	0.2831	0.2537	0.3153	0.3522
Dy-165	0.2089	0.1857	0.2077	0.2162	0.2149	0.2125	0.2265	0.2271
Dy-166	0.9258	0.8291	0.9189	0.9625	0.8913	0.8663	0.9427	0.9738
Dy-167	1.9769	1.6721	1.9565	2.0514	2.1473	2.1170	2.2956	2.2738
Dy-168	1.8840	1.6162	1.8665	1.9565	2.0018	1.9693	2.1347	2.1302
Er-154	1.2759	1.1676	1.2691	1.3225	1.1983	1.1623	1.2582	1.3090
Er-156	1.7187	1.5196	1.6974	1.7993	1.5518	1.4641	1.6641	1.7812
Er-159	2.6224	2.2409	2.5959	2.7247	2.7907	2.7434	2.9766	2.9674

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Er-161	2.7536	2.3479	2.7221	2.8661	2.9099	2.8536	3.1075	3.1057
Er-163	0.9597	0.8760	0.9558	0.9935	0.9299	0.9131	0.9732	0.9964
Er-165	0.9289	0.8469	0.9248	0.9620	0.8975	0.8800	0.9400	0.9641
Er-167m	0.9454	0.8145	0.9348	0.9855	0.9726	0.9495	1.0408	1.0532
Er-169	0.0084	0.0063	0.0080	0.0093	0.0054	0.0038	0.0067	0.0087
Er-171	2.4527	2.1085	2.4292	2.5444	2.6001	2.5620	2.7704	2.7628
Er-172	2.1060	1.8057	2.0891	2.1878	2.2283	2.1904	2.3769	2.3743
Er-173	3.7795	3.2438	3.7404	3.9285	4.0460	3.9922	4.3109	4.2873
Es-249	2.6644	2.3298	2.6414	2.7629	2.7244	2.6566	2.9053	2.9445
Es-250	7.4490	6.5474	7.3765	7.7398	7.3201	7.0458	7.8343	8.0736
Es-250m	2.3071	2.0132	2.2838	2.3942	2.3483	2.2834	2.5067	2.5465
Es-251	2.0119	1.7981	1.9932	2.0895	1.9065	1.8237	2.0369	2.1314
Es-253	0.0342	0.0308	0.0338	0.0357	0.0276	0.0248	0.0301	0.0339
Es-254	1.2288	1.0890	1.2091	1.2934	0.9599	0.8407	1.0614	1.2200
Es-254m	1.2703	1.0763	1.2560	1.3234	1.3221	1.2797	1.4240	1.4399
Es-255	0.0009	0.0007	0.0009	0.0009	0.0010	0.0010	0.0011	0.0011
Es-256	0.1610	0.1490	0.1599	0.1674	0.1332	0.1220	0.1427	0.1579
Eu-142	0.2983	0.2452	0.2936	0.3104	0.3334	0.3274	0.3584	0.3515
Eu-142m	4.2105	3.3980	4.1441	4.3971	4.7240	4.6263	5.1092	5.0335
Eu-143	0.5451	0.4667	0.5387	0.5643	0.5867	0.5782	0.6232	0.6168
Eu-144	0.2407	0.2045	0.2375	0.2493	0.2606	0.2561	0.2777	0.2742
Eu-145	2.2335	1.8967	2.2085	2.3182	2.4223	2.3869	2.5805	2.5527
Eu-146	4.0777	3.3826	4.0263	4.2426	4.5293	4.4596	4.8588	4.7828
Eu-147	2.3084	2.0470	2.2941	2.3867	2.4185	2.3976	2.5455	2.5402
Eu-148	4.7609	3.9693	4.7087	4.9459	5.2706	5.1939	5.6475	5.5672
Eu-149	1.0370	0.9459	1.0317	1.0734	0.9932	0.9685	1.0415	1.0768
Eu-150	4.4827	3.7807	4.4403	4.6491	4.9126	4.8488	5.2494	5.1795
Eu-150m	0.1884	0.1654	0.1873	0.1948	0.1983	0.1962	0.2095	0.2087
Eu-152	2.8408	2.4243	2.8109	2.9452	3.0777	3.0393	3.2752	3.2411
Eu-152m	0.7655	0.6584	0.7582	0.7941	0.8223	0.8121	0.8731	0.8662
Eu-152n	1.4269	1.2557	1.4127	1.4855	1.4110	1.3731	1.5025	1.5424
Eu-154	2.4477	2.0389	2.4141	2.5447	2.7083	2.6695	2.9009	2.8598
Eu-154m	1.5591	1.3773	1.5421	1.6265	1.4826	1.4257	1.5820	1.6531
Eu-155	1.0217	0.9185	1.0169	1.0550	1.0612	1.0573	1.1128	1.1104
Eu-156	1.4406	1.1673	1.4148	1.5005	1.6166	1.5846	1.7439	1.7122
Eu-157	1.7963	1.5762	1.7842	1.8633	1.8380	1.8043	1.9488	1.9667
Eu-158	1.9292	1.5751	1.8988	2.0125	2.1394	2.0964	2.3067	2.2754
Eu-159	1.9990	1.7962	1.9904	2.0647	2.0584	2.0436	2.1577	2.1589
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	1.6323	1.4007	1.6124	1.6963	1.7361	1.7063	1.8529	1.8502
Fe-53	0.5479	0.4537	0.5429	0.5691	0.6092	0.6001	0.6555	0.6446
Fe-53m	3.4566	2.7427	3.3927	3.6067	3.9817	3.9091	4.3133	4.2045

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Fe-55	0.2416	0.1816	0.2302	0.2656	0.1541	0.1092	0.1913	0.2500
Fe-59	1.2663	1.0005	1.2402	1.3202	1.4617	1.4357	1.5823	1.5404
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	1.7227	1.3810	1.6919	1.7939	1.9708	1.9384	2.1283	2.0762
Fe-62	1.1954	0.9797	1.1804	1.2405	1.3463	1.3258	1.4483	1.4221
Fm-251	1.8910	1.6656	1.8710	1.9664	1.8426	1.7720	1.9712	2.0434
Fm-252	0.0861	0.0794	0.0854	0.0896	0.0706	0.0643	0.0760	0.0845
Fm-253	1.5841	1.4225	1.5692	1.6474	1.4478	1.3674	1.5515	1.6492
Fm-254	0.0959	0.0875	0.0951	0.0997	0.0814	0.0749	0.0876	0.0959
Fm-255	0.9694	0.8768	0.9579	1.0143	0.7762	0.6939	0.8467	0.9568
Fm-256	16.4499	13.4537	16.2025	17.0935	18.6116	18.3260	20.0494	19.5833
Fm-257	1.9988	1.7812	1.9814	2.0738	1.9368	1.8658	2.0652	2.1383
Fr-212	3.1892	2.6976	3.1422	3.3234	3.2966	3.1947	3.5514	3.5977
Fr-219	0.0157	0.0133	0.0155	0.0163	0.0169	0.0166	0.0181	0.0180
Fr-220	0.2541	0.2210	0.2501	0.2667	0.2254	0.2086	0.2460	0.2669
Fr-221	0.2470	0.2129	0.2444	0.2566	0.2596	0.2549	0.2775	0.2781
Fr-222	1.5783	1.3676	1.5598	1.6440	1.5828	1.5298	1.7006	1.7414
Fr-223	1.0823	0.9768	1.0748	1.1230	1.0215	0.9842	1.0846	1.1292
Fr-224	1.6403	1.3888	1.6185	1.7069	1.7378	1.6964	1.8665	1.8710
Fr-227	2.5453	2.2107	2.5229	2.6406	2.6521	2.6039	2.8266	2.8392
Ga-64	1.7046	1.3348	1.6661	1.7784	1.9726	1.9254	2.1518	2.0881
Ga-65	1.6212	1.3831	1.5982	1.6928	1.6506	1.5993	1.7740	1.8125
Ga-66	1.3284	1.0271	1.2904	1.3978	1.4225	1.3449	1.5813	1.5903
Ga-67	1.9362	1.6008	1.8938	2.0481	1.7929	1.6588	1.9801	2.1265
Ga-68	0.1029	0.0790	0.0993	0.1107	0.0883	0.0764	0.1016	0.1145
Ga-70	0.0149	0.0120	0.0146	0.0157	0.0157	0.0151	0.0172	0.0174
Ga-72	2.6366	2.0899	2.5857	2.7517	3.0381	2.9756	3.2997	3.2121
Ga-73	2.2496	1.8282	2.1987	2.3789	2.1231	1.9646	2.3528	2.5083
Ga-74	2.8960	2.3015	2.8415	3.0150	3.3326	3.2624	3.6205	3.5250
Gd-142	1.3066	1.1214	1.2936	1.3536	1.4073	1.3898	1.4956	1.4814
Gd-143m	3.4597	2.9372	3.4220	3.5873	3.7630	3.7141	4.0125	3.9658
Gd-144	0.8545	0.7457	0.8469	0.8838	0.8978	0.8841	0.9519	0.9477
Gd-145m	1.4111	1.1538	1.3884	1.4783	1.5088	1.4609	1.6366	1.6452
Gd-145	1.9217	1.5860	1.8889	1.9941	2.1302	2.0876	2.2876	2.2452
Gd-146	3.9270	3.5606	3.9105	4.0481	4.0456	4.0256	4.2259	4.2311
Gd-147	4.1427	3.5268	4.1034	4.2979	4.5023	4.4475	4.7993	4.7442
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	3.0401	2.6694	3.0188	3.1434	3.2131	3.1824	3.3931	3.3760
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	1.2670	1.1454	1.2585	1.3138	1.2177	1.1845	1.2825	1.3261
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	2.0340	1.8693	2.0295	2.0949	2.0563	2.0483	2.1384	2.1491
Gd-159	0.3945	0.3503	0.3927	0.4079	0.4074	0.4029	0.4292	0.4296

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Gd-162	1.3209	1.0952	1.3077	1.3740	1.4418	1.4121	1.5535	1.5423
Ge-66	2.4841	2.0722	2.4410	2.6101	2.4225	2.2918	2.6428	2.7627
Ge-67	1.6855	1.4295	1.6641	1.7502	1.8405	1.8155	1.9657	1.9420
Ge-68	0.5932	0.4465	0.5653	0.6519	0.3788	0.2687	0.4699	0.6134
Ge-69	1.3497	1.0545	1.3121	1.4336	1.3137	1.2100	1.4680	1.5536
Ge-71	0.6017	0.4528	0.5733	0.6612	0.3842	0.2726	0.4766	0.6222
Ge-75	0.1830	0.1548	0.1810	0.1895	0.2014	0.1994	0.2153	0.2120
Ge-77	3.0980	2.5813	3.0614	3.2184	3.4457	3.4022	3.6967	3.6347
Ge-78	1.3660	1.1506	1.3515	1.4149	1.5085	1.4934	1.6136	1.5869
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	1.6263	1.4018	1.6110	1.6890	1.6947	1.6640	1.8066	1.8118
Hf-169	2.3100	1.9818	2.2878	2.3999	2.4122	2.3631	2.5748	2.5869
Hf-170	3.2630	2.8221	3.2271	3.4002	3.2941	3.2025	3.5214	3.5909
Hf-172	2.5492	2.2415	2.5192	2.6657	2.3781	2.2672	2.5486	2.6870
Hf-173	3.8865	3.3981	3.8525	4.0303	4.0441	3.9855	4.2885	4.3077
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	2.4603	2.1258	2.4384	2.5574	2.5331	2.4799	2.7021	2.7241
Hf-177m	14.0438	11.9787	13.8950	14.5973	14.8929	14.6283	15.9292	15.9204
Hf-178m	10.0017	8.4414	9.8907	10.4031	10.7178	10.5168	11.4960	11.4658
Hf-179m	5.7734	4.9315	5.7102	6.0086	6.0189	5.8810	6.4462	6.4954
Hf-180m	5.1295	4.3606	5.0775	5.3316	5.4629	5.3664	5.8469	5.8339
Hf-181	2.4869	2.1081	2.4582	2.5853	2.6409	2.5861	2.8289	2.8356
Hf-182	1.4658	1.2485	1.4502	1.5200	1.5777	1.5558	1.6855	1.6739
Hf-182m	4.3633	3.7147	4.3141	4.5428	4.5711	4.4696	4.8971	4.9232
Hf-183	2.1537	1.8200	2.1307	2.2396	2.3458	2.3156	2.5065	2.4768
Hf-184	2.7382	2.2906	2.6843	2.8873	2.5576	2.3841	2.8045	2.9938
Hg-190	3.1421	2.7235	3.1021	3.2796	3.0947	2.9842	3.3205	3.4305
Hg-191m	5.0429	4.2343	4.9741	5.2610	5.2606	5.1082	5.6722	5.7319
Hg-192	3.1147	2.6765	3.0734	3.2550	3.0569	2.9371	3.2940	3.4092
Hg-193	3.0873	2.6102	3.0421	3.2294	3.1079	2.9909	3.3577	3.4431
Hg-193m	2.9306	2.4574	2.8910	3.0584	3.0613	2.9725	3.3006	3.3322
Hg-194	0.3357	0.2630	0.3220	0.3654	0.2218	0.1651	0.2686	0.3430
Hg-195	1.9705	1.6855	1.9393	2.0703	1.8401	1.7339	2.0001	2.1214
Hg-195m	2.2269	1.8614	2.1804	2.3538	1.9965	1.8298	2.2075	2.4013
Hg-197	1.8066	1.5591	1.7792	1.8980	1.6573	1.5582	1.7992	1.9213
Hg-197m	1.7274	1.4709	1.6967	1.8164	1.6021	1.4998	1.7478	1.8668
Hg-199m	2.2377	1.9280	2.2082	2.3367	2.2108	2.1276	2.3781	2.4535
Hg-203	1.3488	1.1436	1.3341	1.3992	1.4529	1.4309	1.5552	1.5447
Hg-205	0.0468	0.0403	0.0463	0.0487	0.0494	0.0486	0.0527	0.0528
Hg-206	0.6361	0.5381	0.6291	0.6609	0.6791	0.6667	0.7280	0.7258
Hg-207	3.4089	2.7613	3.3534	3.5499	3.8216	3.7437	4.1294	4.0554
Ho-150	1.8404	1.5005	1.8136	1.9209	2.0723	2.0385	2.2329	2.1909
Ho-153	2.2991	1.9712	2.2778	2.3833	2.4677	2.4375	2.6263	2.6037

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Ho-153m	2.6950	2.3313	2.6721	2.7938	2.8625	2.8255	3.0413	3.0281
Ho-154m	5.5643	4.6395	5.5067	5.7768	6.1515	6.0653	6.5957	6.4945
Ho-154	2.8974	2.4119	2.8641	3.0095	3.2023	3.1562	3.4340	3.3799
Ho-155	2.2493	1.9691	2.2301	2.3335	2.3124	2.2702	2.4531	2.4718
Ho-156	4.0808	3.4601	4.0332	4.2336	4.4330	4.3707	4.7324	4.6818
Ho-157	3.3792	2.9769	3.3554	3.5004	3.4888	3.4396	3.6886	3.7016
Ho-159	3.7852	3.3668	3.7611	3.9157	3.9056	3.8630	4.1135	4.1278
Ho-160	4.1234	3.4768	4.0762	4.2929	4.4495	4.3729	4.7611	4.7289
Ho-161	1.4396	1.3166	1.4323	1.4910	1.3679	1.3319	1.4350	1.4852
Ho-162	1.2890	1.1632	1.2813	1.3362	1.2571	1.2302	1.3219	1.3541
Ho-162m	2.5478	2.2030	2.5181	2.6542	2.5703	2.4973	2.7455	2.7972
Ho-163	0.0097	0.0073	0.0092	0.0107	0.0062	0.0044	0.0077	0.0100
Ho-164	0.7207	0.6550	0.7170	0.7471	0.6936	0.6780	0.7281	0.7495
Ho-164m	1.4122	1.2405	1.3931	1.4816	1.2625	1.1848	1.3595	1.4631
Ho-166	0.2995	0.2591	0.2953	0.3141	0.2803	0.2659	0.3024	0.3194
Ho-166m	4.7167	3.9438	4.6573	4.9131	5.1466	5.0585	5.5238	5.4726
Ho-167	1.7631	1.4947	1.7467	1.8299	1.9018	1.8739	2.0338	2.0163
Ho-168	1.7667	1.4506	1.7396	1.8465	1.9338	1.8907	2.0868	2.0707
Ho-168m	0.2944	0.2461	0.2872	0.3138	0.2386	0.2097	0.2672	0.3051
Ho-170	4.1167	3.4376	4.0621	4.2879	4.4736	4.3921	4.8014	4.7628
I-118m	5.1203	4.1678	5.0510	5.3311	5.8011	5.7113	6.2514	6.1276
I-118	1.7446	1.4185	1.7204	1.8156	1.9777	1.9459	2.1319	2.0892
I-119	1.7825	1.5500	1.7688	1.8401	1.9224	1.9056	2.0373	2.0138
I-120	2.0842	1.6992	2.0509	2.1643	2.3559	2.3114	2.5426	2.4847
I-120m	4.3970	3.5829	4.3364	4.5735	4.9760	4.8949	5.3629	5.2562
I-121	2.0513	1.8246	2.0400	2.1168	2.1737	2.1585	2.2887	2.2703
I-122	0.4110	0.3566	0.4080	0.4246	0.4429	0.4373	0.4693	0.4646
I-123	1.9882	1.8066	1.9797	2.0438	2.0798	2.0698	2.1710	2.1560
I-124	1.6378	1.4014	1.6227	1.6947	1.7851	1.7603	1.8991	1.8745
I-125	1.1628	1.1486	1.1700	1.1821	1.1106	1.1078	1.1227	1.1401
I-126	1.2465	1.0733	1.2383	1.2898	1.3527	1.3365	1.4376	1.4204
I-128	0.2137	0.1829	0.2123	0.2210	0.2330	0.2301	0.2480	0.2448
I-129	0.6567	0.6447	0.6603	0.6684	0.6338	0.6344	0.6412	0.6491
I-130m	0.3916	0.3406	0.3878	0.4063	0.3986	0.3872	0.4248	0.4319
I-130	4.0514	3.2917	3.9976	4.2204	4.5969	4.5255	4.9577	4.8588
I-131	1.3628	1.1285	1.3404	1.4113	1.5198	1.5040	1.6221	1.5900
I-132	3.6003	2.9029	3.5462	3.7565	4.1073	4.0405	4.4362	4.3405
I-132m	1.1086	0.9519	1.0969	1.1527	1.1581	1.1297	1.2379	1.2462
I-133	1.2642	1.0316	1.2476	1.3138	1.4287	1.4067	1.5386	1.5094
I-134m	1.9010	1.7033	1.8926	1.9557	2.0006	1.9886	2.0988	2.0831
I-134	3.7029	2.9753	3.6432	3.8645	4.2336	4.1636	4.5736	4.4679
I-135	1.5952	1.2633	1.5630	1.6617	1.8396	1.8053	1.9915	1.9387
In-103	2.7334	2.2511	2.6929	2.8426	3.0754	3.0295	3.3077	3.2360

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
In-105	2.4562	2.0759	2.4278	2.5454	2.7166	2.6842	2.9002	2.8521
In-106	4.3869	3.5539	4.3249	4.5735	4.9848	4.9046	5.3777	5.2656
In-106m	1.9747	1.5875	1.9420	2.0559	2.2560	2.2122	2.4426	2.3847
In-107	2.2502	1.9165	2.2260	2.3297	2.4615	2.4278	2.6258	2.5846
In-108	5.7698	4.7316	5.6900	6.0026	6.4945	6.3924	6.9865	6.8472
In-108m	2.0687	1.6951	2.0365	2.1476	2.3276	2.2813	2.5121	2.4551
In-109	2.3782	2.0884	2.3630	2.4575	2.5430	2.5186	2.6903	2.6625
In-109m	1.1739	0.9583	1.1599	1.2234	1.3283	1.3079	1.4318	1.4056
In-110	5.2796	4.3479	5.2135	5.4961	5.9221	5.8282	6.3660	6.2485
In-110m	1.5735	1.3090	1.5558	1.6349	1.7521	1.7236	1.8814	1.8499
In-111	3.3274	2.9419	3.3063	3.4315	3.5490	3.5221	3.7454	3.7081
In-111m	1.1156	0.9243	1.1032	1.1573	1.2467	1.2282	1.3380	1.3160
In-112	0.2681	0.2529	0.2688	0.2741	0.2661	0.2630	0.2754	0.2775
In-112m	0.6229	0.5947	0.6244	0.6359	0.6162	0.6118	0.6335	0.6376
In-113m	0.9842	0.8474	0.9797	1.0172	1.0679	1.0552	1.1365	1.1217
In-114	0.0052	0.0047	0.0052	0.0054	0.0054	0.0054	0.0057	0.0057
In-114m	0.6030	0.5503	0.6013	0.6205	0.6160	0.6085	0.6446	0.6463
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	0.8609	0.7583	0.8569	0.8873	0.9139	0.9043	0.9657	0.9566
In-116m	2.5765	2.0436	2.5252	2.6835	2.9679	2.9137	3.2119	3.1274
In-117	2.6052	2.2102	2.5782	2.6985	2.8818	2.8531	3.0716	3.0199
In-117m	0.6565	0.5808	0.6526	0.6765	0.6987	0.6930	0.7365	0.7287
In-118m	3.2812	2.6059	3.2198	3.4220	3.7758	3.7097	4.0857	3.9842
In-118	0.0797	0.0628	0.0780	0.0831	0.0921	0.0904	0.0998	0.0971
In-119	1.3682	1.1214	1.3479	1.4285	1.5219	1.4916	1.6406	1.6174
In-119m	0.1627	0.1415	0.1610	0.1685	0.1674	0.1630	0.1782	0.1796
In-121	1.3456	1.0789	1.3243	1.4052	1.5399	1.5149	1.6643	1.6256
In-121m	0.5364	0.5103	0.5384	0.5475	0.5438	0.5464	0.5574	0.5533
Ir-180	3.5708	2.9975	3.5234	3.7241	3.7751	3.6814	4.0622	4.0838
Ir-182	3.4674	2.9272	3.4210	3.6152	3.6276	3.5335	3.9003	3.9354
Ir-183	3.5881	3.0279	3.5358	3.7513	3.6391	3.5102	3.9276	4.0133
Ir-184	5.1575	4.3198	5.0853	5.3791	5.4344	5.2898	5.8538	5.8903
Ir-185	3.4343	2.8961	3.3752	3.6061	3.3114	3.1378	3.6001	3.7695
Ir-186	4.9940	4.1962	4.9270	5.2061	5.2607	5.1256	5.6609	5.6924
Ir-186m	2.8877	2.4117	2.8450	3.0162	3.0373	2.9507	3.2759	3.3000
Ir-187	2.3390	1.9909	2.3043	2.4544	2.2503	2.1413	2.4380	2.5506
Ir-188	3.5423	2.9445	3.4843	3.6956	3.7397	3.6276	4.0370	4.0572
Ir-189	1.6748	1.4344	1.6475	1.7628	1.5308	1.4343	1.6663	1.7846
Ir-190	5.5008	4.6186	5.4366	5.7309	5.8697	5.7399	6.3106	6.3144
Ir-190m	0.3318	0.2517	0.3166	0.3639	0.2133	0.1528	0.2633	0.3423
Ir-190n	1.3334	1.1568	1.3152	1.3985	1.2416	1.1782	1.3398	1.4180
Ir-191m	1.6964	1.4430	1.6654	1.7876	1.5447	1.4380	1.6887	1.8189
Ir-192	3.0808	2.5696	3.0466	3.1986	3.3884	3.3390	3.6366	3.5878

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Ir-192m	0.3731	0.2887	0.3571	0.4073	0.2440	0.1791	0.2976	0.3826
Ir-192n	0.7828	0.6075	0.7498	0.8539	0.5156	0.3812	0.6271	0.8032
Ir-193m	0.3332	0.2541	0.3183	0.3649	0.2167	0.1573	0.2662	0.3438
Ir-194	0.2804	0.2327	0.2771	0.2913	0.3105	0.3061	0.3335	0.3281
Ir-194m	6.4368	5.3129	6.3620	6.6933	7.1413	7.0237	7.6853	7.5796
Ir-195	1.3250	1.1425	1.3049	1.3913	1.2272	1.1578	1.3306	1.4148
Ir-195m	2.1106	1.7875	2.0838	2.2033	2.1592	2.0906	2.3273	2.3693
Ir-196	0.5565	0.4582	0.5498	0.5790	0.6209	0.6113	0.6682	0.6566
Ir-196m	6.9146	5.7123	6.8364	7.1957	7.6075	7.4624	8.1971	8.1160
K-38	1.0812	0.8291	1.0506	1.1238	1.2713	1.2340	1.3913	1.3427
K-40	0.1274	0.0994	0.1243	0.1330	0.1458	0.1418	0.1587	0.1552
K-42	0.2116	0.1656	0.2068	0.2204	0.2466	0.2413	0.2678	0.2596
K-43	2.4481	2.0146	2.4233	2.5453	2.7535	2.7157	2.9630	2.9076
K-44	1.7536	1.3719	1.7135	1.8271	2.0371	1.9914	2.2182	2.1504
K-45	2.2881	1.8801	2.2497	2.3757	2.5870	2.5479	2.7819	2.7141
K-46	1.7147	1.3318	1.6699	1.7847	2.0008	1.9534	2.1835	2.1083
Kr-74	2.1845	1.8835	2.1599	2.2726	2.2493	2.1947	2.4081	2.4380
Kr-75	1.9364	1.6757	1.9148	2.0079	2.0497	2.0160	2.1819	2.1856
Kr-76	2.5923	2.2031	2.5559	2.7071	2.5529	2.4347	2.7684	2.8677
Kr-77	2.0738	1.8052	2.0525	2.1482	2.1981	2.1680	2.3340	2.3369
Kr-79	1.1661	0.9804	1.1438	1.2275	1.0566	0.9693	1.1681	1.2632
Kr-81	0.6150	0.5210	0.5981	0.6561	0.4354	0.3532	0.5030	0.6132
Kr-81m	1.2314	1.0652	1.2181	1.2803	1.2821	1.2541	1.3715	1.3807
Kr-83m	0.2736	0.2284	0.2654	0.2930	0.1909	0.1525	0.2225	0.2739
Kr-85	0.0052	0.0043	0.0051	0.0054	0.0059	0.0058	0.0063	0.0062
Kr-85m	1.3963	1.2113	1.3827	1.4445	1.5067	1.4922	1.5985	1.5828
Kr-87	0.9742	0.7895	0.9609	1.0127	1.1069	1.0866	1.1988	1.1693
Kr-88	1.7334	1.4014	1.6996	1.8024	1.9541	1.9078	2.1201	2.0722
Kr-89	2.0993	1.6918	2.0627	2.1848	2.3925	2.3485	2.5891	2.5252
La-128	3.9742	3.2735	3.9225	4.1280	4.4592	4.3961	4.7910	4.6993
La-129	1.7012	1.4903	1.6896	1.7561	1.8227	1.8086	1.9255	1.9066
La-130	2.8511	2.3560	2.8165	2.9609	3.1891	3.1427	3.4253	3.3601
La-131	2.1824	1.9330	2.1710	2.2505	2.3159	2.2997	2.4382	2.4194
La-132	2.5230	2.1057	2.4925	2.6155	2.7986	2.7555	2.9979	2.9471
La-132m	2.3690	2.0495	2.3482	2.4525	2.5414	2.5105	2.6969	2.6805
La-133	0.9149	0.8428	0.9102	0.9450	0.8698	0.8458	0.9097	0.9435
La-134	0.3428	0.3184	0.3423	0.3518	0.3451	0.3425	0.3572	0.3595
La-135	0.7083	0.6849	0.7103	0.7236	0.6832	0.6805	0.6959	0.7081
La-136	0.4827	0.4627	0.4835	0.4937	0.4702	0.4680	0.4807	0.4878
La-137	0.6641	0.6448	0.6661	0.6783	0.6358	0.6329	0.6466	0.6597
La-138	1.5320	1.2715	1.5076	1.5911	1.6971	1.6670	1.8184	1.7874
La-140	2.5504	2.0437	2.5055	2.6544	2.9211	2.8669	3.1594	3.0790
La-141	0.0222	0.0174	0.0217	0.0231	0.0258	0.0253	0.0280	0.0272



<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
La-142	1.7742	1.3987	1.7371	1.8480	2.0529	2.0053	2.2375	2.1716
La-143	0.2581	0.2047	0.2531	0.2689	0.2974	0.2915	0.3224	0.3141
Lu-165	3.4025	2.9457	3.3693	3.5334	3.5458	3.4822	3.7723	3.7862
Lu-167	3.6764	3.1255	3.6292	3.8243	3.8525	3.7601	4.1238	4.1396
Lu-169m	0.2436	0.1832	0.2321	0.2677	0.1555	0.1102	0.1929	0.2520
Lu-169	3.4489	2.9372	3.4066	3.5909	3.6105	3.5300	3.8617	3.8752
Lu-170	3.2646	2.7045	3.2090	3.4022	3.4932	3.3980	3.7688	3.7558
Lu-171m	0.2616	0.1977	0.2495	0.2871	0.1694	0.1219	0.2089	0.2708
Lu-171	3.2422	2.7869	3.2013	3.3912	3.1852	3.0603	3.4249	3.5375
Lu-172	4.6831	3.9219	4.6187	4.8859	4.9665	4.8454	5.3389	5.3482
Lu-172m	0.2190	0.1647	0.2087	0.2407	0.1398	0.0991	0.1735	0.2265
Lu-173	2.7099	2.4099	2.6906	2.8139	2.6883	2.6323	2.8434	2.8978
Lu-174	1.3615	1.1992	1.3471	1.4213	1.2944	1.2451	1.3811	1.4393
Lu-174m	1.6475	1.4161	1.6194	1.7372	1.4578	1.3506	1.5893	1.7269
Lu-176	3.3512	2.8466	3.3116	3.4904	3.5258	3.4502	3.7824	3.7964
Lu-176m	0.3717	0.3158	0.3647	0.3923	0.3341	0.3098	0.3658	0.3958
Lu-177	0.3726	0.3218	0.3685	0.3880	0.3855	0.3774	0.4118	0.4160
Lu-177m	7.3026	6.2840	7.2311	7.5873	7.6903	7.5603	8.2047	8.2149
Lu-178	0.3458	0.2886	0.3394	0.3627	0.3441	0.3284	0.3737	0.3860
Lu-178m	5.9972	5.1188	5.9398	6.2296	6.4017	6.3035	6.8410	6.8134
Lu-179	0.2087	0.1789	0.2066	0.2166	0.2263	0.2241	0.2413	0.2387
Lu-180	2.8941	2.3795	2.8497	3.0161	3.1633	3.0944	3.4112	3.3831
Lu-181	2.4044	2.0169	2.3692	2.5166	2.4578	2.3698	2.6574	2.7131
Mg-27	1.2337	0.9846	1.2128	1.2898	1.4164	1.3925	1.5322	1.4953
Mg-28	2.1251	1.8020	2.1028	2.1968	2.3686	2.3481	2.5175	2.4585
Mn-50m	4.0129	3.1812	3.9347	4.1879	4.6258	4.5414	5.0095	4.8800
Mn-51	0.0120	0.0093	0.0116	0.0129	0.0109	0.0097	0.0124	0.0136
Mn-52	3.7340	2.9582	3.6602	3.9056	4.2316	4.1308	4.5960	4.5148
Mn-52m	1.1608	0.9083	1.1338	1.2092	1.3487	1.3203	1.4639	1.4210
Mn-53	0.1968	0.1479	0.1874	0.2163	0.1255	0.0889	0.1558	0.2036
Mn-54	1.4130	1.1209	1.3829	1.4884	1.5196	1.4594	1.6635	1.6755
Mn-56	1.6856	1.3342	1.6522	1.7600	1.9458	1.9078	2.1088	2.0531
Mn-57	0.7246	0.6018	0.7083	0.7666	0.6506	0.5929	0.7219	0.7877
Mn-58m	2.6880	2.1372	2.6361	2.8039	3.0928	3.0363	3.3483	3.2620
Mo-101	2.2038	1.7914	2.1679	2.2968	2.4587	2.4073	2.6555	2.6171
Mo-102	0.1494	0.1293	0.1480	0.1546	0.1628	0.1617	0.1727	0.1703
Mo-89	0.2706	0.2186	0.2660	0.2818	0.3057	0.2994	0.3306	0.3239
Mo-90	3.4129	3.0148	3.3905	3.5212	3.5664	3.5112	3.7805	3.7816
Mo-91m	1.1618	0.9354	1.1427	1.2102	1.3214	1.2966	1.4284	1.3978
Mo-91	0.0481	0.0450	0.0480	0.0493	0.0445	0.0425	0.0471	0.0489
Mo-93	0.5811	0.5684	0.5840	0.5936	0.4988	0.4729	0.5206	0.5559
Mo-93m	3.3562	2.7483	3.3060	3.4888	3.7697	3.7036	4.0612	3.9826
Mo-99	0.4206	0.3565	0.4162	0.4367	0.4631	0.4575	0.4944	0.4868

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	0.7157	0.5474	0.6843	0.7392	0.8476	0.8148	0.9584	0.8928
Na-22	1.1801	0.9236	1.1517	1.2292	1.3693	1.3433	1.4839	1.4418
Na-24	2.2081	1.7062	2.1473	2.2983	2.5854	2.5123	2.8410	2.7351
Nb-87	2.3230	2.0463	2.3063	2.4043	2.4359	2.4007	2.5859	2.5842
Nb-88m	4.4203	3.5579	4.3525	4.6049	5.0382	4.9527	5.4425	5.3208
Nb-88	5.5965	4.5987	5.5221	5.8200	6.2474	6.1396	6.7251	6.6111
Nb-89	0.5147	0.4294	0.5060	0.5334	0.5515	0.5328	0.5977	0.5928
Nb-89m	1.1952	0.9956	1.1814	1.2394	1.3134	1.2883	1.4112	1.3958
Nb-90	3.9205	3.2418	3.8551	4.0661	4.3372	4.2397	4.6774	4.5983
Nb-91	0.5995	0.5809	0.6008	0.6143	0.5034	0.4711	0.5300	0.5738
Nb-91m	0.5266	0.5088	0.5283	0.5389	0.4600	0.4369	0.4819	0.5117
Nb-92	3.0193	2.5270	2.9851	3.1377	3.2692	3.1927	3.5175	3.4956
Nb-92m	1.8556	1.5803	1.8359	1.9273	1.9475	1.8902	2.0931	2.0990
Nb-93m	0.1173	0.1117	0.1172	0.1209	0.0977	0.0906	0.1037	0.1133
Nb-94m	0.4050	0.3938	0.4066	0.4143	0.3483	0.3297	0.3645	0.3894
Nb-94	2.4126	1.9374	2.3750	2.5209	2.7596	2.7142	2.9830	2.9162
Nb-95	1.2102	0.9729	1.1905	1.2652	1.3834	1.3607	1.4951	1.4612
Nb-95m	0.7725	0.7073	0.7706	0.7948	0.7553	0.7345	0.7981	0.8149
Nb-96	3.8638	3.1132	3.8031	4.0295	4.4069	4.3355	4.7587	4.6528
Nb-97	1.2211	0.9894	1.2054	1.2738	1.3893	1.3675	1.5000	1.4708
Nb-98m	3.7688	3.0220	3.7043	3.9336	4.3139	4.2398	4.6633	4.5530
Nb-99	2.3279	2.0864	2.3158	2.3980	2.4550	2.4405	2.5812	2.5667
Nb-99m	0.8361	0.6878	0.8230	0.8676	0.9374	0.9198	1.0115	0.9890
Nd-134	2.4749	2.1952	2.4593	2.5540	2.6264	2.6108	2.7629	2.7402
Nd-135	2.8247	2.4656	2.8034	2.9236	2.9983	2.9647	3.1754	3.1601
Nd-136	2.0980	1.9153	2.0911	2.1603	2.1394	2.1251	2.2299	2.2402
Nd-137	2.4107	2.1079	2.3928	2.4914	2.5734	2.5497	2.7174	2.6930
Nd-138	0.8095	0.7673	0.8104	0.8298	0.7927	0.7891	0.8140	0.8255
Nd-139	0.8440	0.7676	0.8415	0.8689	0.8639	0.8571	0.9010	0.9032
Nd-139m	3.7438	3.2081	3.7072	3.8811	4.0706	4.0267	4.3246	4.2718
Nd-140	0.7216	0.6907	0.7230	0.7390	0.6972	0.6941	0.7131	0.7262
Nd-141	0.7420	0.7068	0.7431	0.7601	0.7222	0.7191	0.7399	0.7516
Nd-141m	1.1711	0.9511	1.1534	1.2228	1.3273	1.3062	1.4311	1.4016
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	1.0803	0.9734	1.0766	1.1131	1.1282	1.1249	1.1801	1.1742
Nd-149	2.0899	1.8110	2.0732	2.1629	2.2575	2.2400	2.3943	2.3682
Nd-151	2.4067	2.0463	2.3810	2.4941	2.6512	2.6279	2.8228	2.7780
Nd-152	0.9305	0.7947	0.9205	0.9653	0.9839	0.9644	1.0532	1.0540
Ne-19	0.0002	0.0002	0.0002	0.0002	0.0003	0.0003	0.0003	0.0003
Ne-24	1.2984	1.0656	1.2834	1.3480	1.4617	1.4402	1.5726	1.5431
Ni-56	4.5856	3.7877	4.5135	4.7862	4.9714	4.8507	5.3635	5.3450
Ni-57	1.6003	1.2677	1.5613	1.6755	1.7423	1.6775	1.9014	1.9021

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Ni-59	0.3412	0.2564	0.3250	0.3750	0.2176	0.1541	0.2702	0.3529
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.5368	0.4240	0.5259	0.5592	0.6205	0.6086	0.6723	0.6537
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	4.4100	3.7681	4.3578	4.5886	4.5633	4.4342	4.9024	4.9535
Np-233	1.5935	1.4187	1.5796	1.6531	1.5613	1.5137	1.6635	1.7118
Np-234	2.5460	2.1777	2.5107	2.6495	2.5853	2.4925	2.7842	2.8356
Np-235	0.5050	0.4453	0.4959	0.5326	0.3836	0.3300	0.4283	0.4998
Np-236	3.3297	2.9708	3.2954	3.4637	3.0844	2.9238	3.3120	3.4982
Np-236m	0.8879	0.7916	0.8799	0.9219	0.8548	0.8234	0.9126	0.9467
Np-237	1.1268	1.0190	1.1153	1.1738	0.9766	0.9064	1.0522	1.1443
Np-238	1.1540	0.9653	1.1371	1.2056	1.1781	1.1277	1.2781	1.3041
Np-239	2.4251	2.1345	2.4006	2.5200	2.3839	2.3023	2.5503	2.6276
Np-240	3.5535	3.0438	3.5119	3.6995	3.6041	3.4742	3.8809	3.9592
Np-240m	0.9664	0.8230	0.9543	1.0071	0.9671	0.9245	1.0462	1.0755
Np-241	0.6090	0.5416	0.6036	0.6318	0.5971	0.5781	0.6364	0.6553
Np-242	0.3444	0.2809	0.3383	0.3594	0.3740	0.3625	0.4053	0.4037
Np-242m	3.0175	2.5887	2.9791	3.1457	3.0144	2.8897	3.2517	3.3374
O-14	1.0617	0.8124	1.0313	1.1036	1.2500	1.2094	1.3778	1.3245
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	2.1610	1.8082	2.1317	2.2454	2.4100	2.3845	2.5798	2.5288
Os-180	1.8511	1.5924	1.8230	1.9459	1.6961	1.5914	1.8423	1.9684
Os-181	4.3630	3.6805	4.3022	4.5554	4.5235	4.3945	4.8681	4.9252
Os-182	2.9559	2.5143	2.9150	3.0903	2.9555	2.8456	3.1868	3.2771
Os-183	4.1416	3.5557	4.0974	4.3179	4.2090	4.0922	4.5119	4.5910
Os-183m	2.3555	1.9621	2.3185	2.4639	2.4417	2.3626	2.6369	2.6719
Os-185	2.3506	1.9747	2.3200	2.4581	2.4324	2.3579	2.6232	2.6616
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	0.3184	0.2409	0.3037	0.3495	0.2042	0.1459	0.2525	0.3288
Os-190m	5.3919	4.4646	5.3194	5.6256	5.7812	5.6298	6.2452	6.2571
Os-191	1.8053	1.5419	1.7743	1.8994	1.6643	1.5596	1.8128	1.9395
Os-191m	0.4359	0.3464	0.4205	0.4712	0.3215	0.2616	0.3761	0.4540
Os-193	0.5563	0.4725	0.5481	0.5829	0.5437	0.5190	0.5888	0.6126
Os-194	0.3286	0.2628	0.3169	0.3554	0.2331	0.1852	0.2743	0.3374
Os-196	0.5570	0.4779	0.5510	0.5799	0.5747	0.5610	0.6153	0.6227
P-30	0.0008	0.0006	0.0008	0.0009	0.0010	0.0009	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	0.6234	0.5540	0.6162	0.6506	0.5604	0.5256	0.6050	0.6486
Pa-228	4.5766	3.9058	4.5176	4.7697	4.6298	4.4591	4.9932	5.1016
Pa-229	1.4026	1.2468	1.3887	1.4586	1.3345	1.2797	1.4287	1.4910
Pa-230	2.6221	2.2542	2.5905	2.7320	2.6277	2.5299	2.8300	2.9005
Pa-231	1.0359	0.9054	1.0178	1.0900	0.8445	0.7508	0.9339	1.0542

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Pa-232	2.3402	1.9648	2.3086	2.4409	2.4317	2.3472	2.6281	2.6608
Pa-233	2.0064	1.7474	1.9847	2.0871	1.9679	1.8906	2.1158	2.1836
Pa-234	4.5776	3.9003	4.5199	4.7674	4.7110	4.5591	5.0710	5.1442
Pa-234m	0.0367	0.0309	0.0362	0.0383	0.0382	0.0369	0.0412	0.0417
Pa-235	0.1152	0.0867	0.1098	0.1266	0.0736	0.0522	0.0913	0.1191
Pa-236	1.6333	1.3606	1.6090	1.7032	1.7108	1.6499	1.8521	1.8711
Pa-237	1.1227	0.9059	1.1036	1.1748	1.2348	1.2012	1.3400	1.3324
Pb-194	3.6152	3.0663	3.5689	3.7689	3.7510	3.6486	4.0326	4.0753
Pb-195m	5.0816	4.2477	5.0158	5.3073	5.2956	5.1269	5.7253	5.7936
Pb-196	3.2861	2.8226	3.2486	3.4226	3.3492	3.2561	3.5924	3.6533
Pb-197	3.3660	2.8126	3.3199	3.5091	3.5703	3.4773	3.8474	3.8567
Pb-197m	4.4592	3.7585	4.4038	4.6532	4.6229	4.4830	4.9862	5.0495
Pb-198	3.1860	2.7360	3.1498	3.3195	3.2408	3.1484	3.4778	3.5390
Pb-199	2.8683	2.4176	2.8309	2.9900	2.9956	2.9134	3.2245	3.2503
Pb-200	2.8795	2.5012	2.8448	3.0033	2.8326	2.7324	3.0390	3.1374
Pb-201	3.3045	2.8014	3.2653	3.4430	3.4392	3.3507	3.6962	3.7280
Pb-201m	1.2226	1.0283	1.2079	1.2761	1.2801	1.2441	1.3800	1.3942
Pb-202	0.3228	0.2500	0.3091	0.3524	0.2111	0.1550	0.2575	0.3310
Pb-202m	3.9746	3.2462	3.9207	4.1466	4.4030	4.3109	4.7563	4.7018
Pb-203	2.7152	2.3371	2.6846	2.8269	2.7571	2.6807	2.9566	3.0091
Pb-204m	3.6472	2.9590	3.5962	3.8044	4.1142	4.0444	4.4410	4.3555
Pb-205	0.3267	0.2531	0.3128	0.3566	0.2137	0.1569	0.2606	0.3350
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	0.3869	0.3246	0.3762	0.4135	0.2822	0.2328	0.3244	0.3902
Pb-211	0.1501	0.1237	0.1483	0.1563	0.1659	0.1628	0.1787	0.1765
Pb-212	1.3193	1.1421	1.3057	1.3707	1.3607	1.3314	1.4542	1.4687
Pb-214	1.4000	1.1888	1.3845	1.4562	1.4657	1.4304	1.5745	1.5838
Pd-100	2.5257	2.3840	2.5356	2.5824	2.5578	2.5598	2.6416	2.6319
Pd-101	1.7285	1.6081	1.7319	1.7698	1.7261	1.7006	1.8005	1.8119
Pd-103	0.5746	0.5734	0.5811	0.5831	0.5274	0.5185	0.5374	0.5527
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.0741	0.9535	1.0681	1.1093	1.1402	1.1313	1.2032	1.1925
Pd-109	0.3301	0.3206	0.3319	0.3369	0.3101	0.3048	0.3185	0.3268
Pd-111	0.0889	0.0739	0.0879	0.0923	0.0995	0.0982	0.1066	0.1045
Pd-112	0.2497	0.2432	0.2510	0.2555	0.2176	0.2076	0.2265	0.2406
Pd-114	0.1898	0.1645	0.1882	0.1962	0.2069	0.2056	0.2193	0.2165
Pd-96	2.9268	2.5132	2.9000	3.0298	3.1901	3.1529	3.3929	3.3509
Pd-97	2.5398	2.1028	2.5047	2.6346	2.8352	2.7891	3.0468	2.9868
Pd-98	2.3576	2.1360	2.3523	2.4246	2.4638	2.4491	2.5822	2.5671
Pd-99	2.4146	2.0967	2.3945	2.4942	2.6132	2.5864	2.7712	2.7386
Pm-136	3.7912	3.1073	3.7450	3.9463	4.2706	4.2090	4.5966	4.5060
Pm-137m	4.2749	3.6841	4.2380	4.4245	4.6400	4.5997	4.9256	4.8643
Pm-139	0.7113	0.6193	0.7067	0.7354	0.7596	0.7513	0.8040	0.7974

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Pm-140m	4.0333	3.2955	3.9798	4.2008	4.5477	4.4782	4.8953	4.7971
Pm-140	0.2801	0.2380	0.2770	0.2905	0.3052	0.3011	0.3250	0.3209
Pm-141	0.5911	0.5300	0.5876	0.6095	0.6110	0.6049	0.6401	0.6399
Pm-142	0.2259	0.2069	0.2251	0.2324	0.2284	0.2264	0.2377	0.2389
Pm-143	1.2125	1.0857	1.2064	1.2524	1.2548	1.2423	1.3160	1.3171
Pm-144	3.7335	3.1395	3.6968	3.8779	4.1111	4.0550	4.3955	4.3389
Pm-145	0.7796	0.7380	0.7800	0.8005	0.7526	0.7465	0.7741	0.7905
Pm-146	2.0039	1.7023	1.9856	2.0784	2.1860	2.1576	2.3305	2.3028
Pm-147	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Pm-148	0.6977	0.5578	0.6856	0.7267	0.8001	0.7859	0.8652	0.8444
Pm-148m	4.0817	3.3371	4.0316	4.2485	4.6063	4.5374	4.9610	4.8693
Pm-149	0.0523	0.0440	0.0517	0.0543	0.0567	0.0558	0.0609	0.0604
Pm-150	2.2580	1.8302	2.2229	2.3490	2.5608	2.5208	2.7612	2.6982
Pm-151	1.6333	1.4106	1.6200	1.6910	1.7605	1.7439	1.8691	1.8496
Pm-152m	3.8020	3.2024	3.7567	3.9434	4.1903	4.1411	4.4770	4.4108
Pm-152	0.6814	0.5782	0.6736	0.7071	0.7456	0.7367	0.7947	0.7853
Pm-153	0.9788	0.8764	0.9727	1.0111	1.0124	1.0027	1.0638	1.0685
Pm-154	2.0025	1.6342	1.9678	2.0837	2.2356	2.1914	2.4087	2.3657
Pm-154m	3.5291	2.9600	3.4837	3.6638	3.8863	3.8326	4.1573	4.0946
Po-203	3.7662	3.1600	3.7128	3.9286	3.9672	3.8595	4.2738	4.2969
Po-204	5.3456	4.5479	5.2720	5.5857	5.3585	5.1563	5.7844	5.9410
Po-205	3.5932	3.0073	3.5420	3.7493	3.8022	3.7017	4.0965	4.1118
Po-206	4.3452	3.6627	4.2835	4.5391	4.4217	4.2592	4.7808	4.8833
Po-207	3.2629	2.7366	3.2198	3.4037	3.4508	3.3626	3.7155	3.7299
Po-208	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-209	0.0406	0.0329	0.0395	0.0432	0.0359	0.0323	0.0403	0.0444
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-211	0.0139	0.0112	0.0137	0.0145	0.0158	0.0155	0.0170	0.0167
Po-212m	0.0520	0.0410	0.0509	0.0541	0.0600	0.0584	0.0658	0.0637
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	5.2298	4.3234	5.1705	5.4361	5.8564	5.7759	6.2913	6.1738
Pr-134m	2.3203	1.9069	2.2918	2.4096	2.6081	2.5672	2.8054	2.7488
Pr-135	1.7546	1.5621	1.7455	1.8093	1.8488	1.8369	1.9424	1.9297
Pr-136	2.5815	2.1346	2.5484	2.6794	2.8837	2.8386	3.0960	3.0414
Pr-137	0.6790	0.6330	0.6783	0.6969	0.6793	0.6752	0.7019	0.7073
Pr-138	0.2309	0.2141	0.2305	0.2373	0.2323	0.2308	0.2406	0.2421
Pr-138m	4.4304	3.6845	4.3747	4.6057	4.9232	4.8555	5.2744	5.1821
Pr-139	0.6758	0.6479	0.6772	0.6914	0.6559	0.6535	0.6702	0.6809

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Pr-140	0.3600	0.3454	0.3608	0.3683	0.3493	0.3480	0.3568	0.3625
Pr-142	0.0419	0.0328	0.0410	0.0436	0.0489	0.0478	0.0531	0.0515
Pr-142m	0.0155	0.0116	0.0147	0.0170	0.0099	0.0070	0.0123	0.0160
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0273	0.0216	0.0267	0.0284	0.0314	0.0308	0.0341	0.0332
Pr-144m	0.3451	0.3177	0.3428	0.3579	0.3143	0.3020	0.3299	0.3494
Pr-145	0.0379	0.0319	0.0375	0.0394	0.0418	0.0413	0.0446	0.0439
Pr-146	1.2940	1.0424	1.2734	1.3462	1.4764	1.4504	1.5954	1.5576
Pr-147	2.1480	1.9097	2.1367	2.2168	2.2537	2.2370	2.3685	2.3581
Pr-148	1.7168	1.4035	1.6916	1.7842	1.9355	1.9070	2.0839	2.0390
Pr-148m	2.5752	2.1327	2.5456	2.6739	2.8779	2.8409	3.0901	3.0323
Pt-184	6.0387	5.1710	5.9588	6.3136	5.9918	5.7706	6.4530	6.6503
Pt-186	3.0405	2.5749	3.0006	3.1795	3.0923	2.9899	3.3335	3.4034
Pt-187	3.7210	3.1839	3.6719	3.8902	3.6984	3.5650	3.9824	4.0994
Pt-188	2.6176	2.2507	2.5825	2.7406	2.5431	2.4369	2.7424	2.8513
Pt-189	3.4338	2.9370	3.3870	3.5939	3.3691	3.2330	3.6345	3.7650
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	3.0560	2.6331	3.0176	3.1964	2.9726	2.8537	3.2005	3.3230
Pt-193	0.3426	0.2634	0.3276	0.3746	0.2227	0.1621	0.2727	0.3520
Pt-193m	0.5831	0.4731	0.5652	0.6263	0.4505	0.3801	0.5176	0.6088
Pt-195m	2.1094	1.7874	2.0674	2.2304	1.8500	1.6944	2.0382	2.2342
Pt-197	0.6016	0.5082	0.5894	0.6362	0.5295	0.4842	0.5846	0.6404
Pt-197m	1.4175	1.1917	1.3884	1.4998	1.2460	1.1374	1.3776	1.5101
Pt-199	0.6743	0.5616	0.6654	0.7025	0.7237	0.7066	0.7798	0.7797
Pt-200	1.0350	0.8862	1.0183	1.0872	0.9642	0.9077	1.0483	1.1139
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pu-232	1.1827	1.0551	1.1726	1.2265	1.1590	1.1242	1.2337	1.2693
Pu-234	1.3418	1.1968	1.3299	1.3924	1.3012	1.2571	1.3873	1.4345
Pu-235	1.7862	1.5940	1.7699	1.8548	1.7120	1.6469	1.8280	1.9002
Pu-236	0.1539	0.1388	0.1518	0.1613	0.1195	0.1051	0.1316	0.1511
Pu-237	1.2361	1.1030	1.2235	1.2862	1.1458	1.0882	1.2296	1.2986
Pu-238	0.1420	0.1280	0.1401	0.1488	0.1102	0.0968	0.1213	0.1394
Pu-239	0.0830	0.0714	0.0811	0.0882	0.0614	0.0516	0.0697	0.0828
Pu-240	0.1336	0.1205	0.1318	0.1400	0.1037	0.0911	0.1142	0.1311
Pu-241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pu-242	0.1146	0.1033	0.1130	0.1201	0.0890	0.0781	0.0979	0.1125
Pu-243	0.4919	0.4431	0.4891	0.5093	0.4825	0.4707	0.5108	0.5231
Pu-244	0.1206	0.1065	0.1189	0.1261	0.1027	0.0933	0.1124	0.1237
Pu-245	1.4913	1.2682	1.4757	1.5483	1.5942	1.5641	1.7070	1.7017
Pu-246	1.9970	1.7869	1.9830	2.0671	1.9898	1.9426	2.1084	2.1501
Ra-219	0.9960	0.8492	0.9855	1.0342	1.0530	1.0328	1.1276	1.1273
Ra-220	0.0126	0.0104	0.0124	0.0130	0.0140	0.0138	0.0151	0.0148
Ra-221	0.7187	0.6248	0.7080	0.7521	0.6636	0.6229	0.7201	0.7667

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Ra-222	0.0409	0.0343	0.0405	0.0425	0.0449	0.0442	0.0481	0.0474
Ra-223	1.5794	1.3727	1.5617	1.6442	1.5742	1.5240	1.6875	1.7306
Ra-224	0.0687	0.0588	0.0680	0.0712	0.0735	0.0724	0.0786	0.0783
Ra-225	0.4491	0.4204	0.4477	0.4635	0.4068	0.3918	0.4259	0.4498
Ra-226	1.2504	0.9916	1.2136	1.2978	1.4298	1.4010	1.5416	1.4938
Ra-227	1.4081	1.2271	1.3892	1.4711	1.2940	1.2115	1.4043	1.4960
Ra-228	1.2709	1.0144	1.2367	1.3189	1.4497	1.4184	1.5509	1.5197
Ra-230	0.7809	0.6815	0.7728	0.8126	0.7753	0.7503	0.8304	0.8523
Rb-77	1.9224	1.6593	1.9068	1.9912	2.0758	2.0573	2.2055	2.1785
Rb-78m	3.0379	2.4563	2.9904	3.1605	3.4522	3.3917	3.7279	3.6455
Rb-78	2.2483	1.7917	2.2021	2.3382	2.5592	2.4929	2.7934	2.7187
Rb-79	2.3914	2.0355	2.3634	2.4849	2.5352	2.4779	2.7187	2.7250
Rb-80	0.3623	0.2949	0.3577	0.3777	0.4076	0.4003	0.4402	0.4336
Rb-81	0.9660	0.8237	0.9519	1.0095	0.9159	0.8584	1.0006	1.0554
Rb-81m	0.5403	0.4951	0.5348	0.5618	0.4422	0.4013	0.4805	0.5358
Rb-82	0.2239	0.1821	0.2201	0.2343	0.2450	0.2382	0.2658	0.2643
Rb-82m	4.4882	3.6506	4.4157	4.6859	4.9346	4.8061	5.3457	5.3070
Rb-83	1.7152	1.4450	1.6894	1.7911	1.6896	1.6002	1.8414	1.9135
Rb-84	1.2750	1.0557	1.2527	1.3361	1.2923	1.2292	1.4107	1.4484
Rb-84m	1.9021	1.6213	1.8825	1.9722	2.0370	2.0005	2.1818	2.1741
Rb-86m	1.1940	0.9760	1.1793	1.2414	1.3459	1.3245	1.4499	1.4249
Rb-86	0.1060	0.0837	0.1040	0.1106	0.1224	0.1202	0.1325	0.1291
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rb-88	0.4628	0.3618	0.4522	0.4823	0.5384	0.5263	0.5850	0.5677
Rb-89	2.0102	1.5811	1.9683	2.0961	2.3270	2.2796	2.5278	2.4569
Rb-90	1.0556	0.8252	1.0296	1.1003	1.2263	1.1952	1.3438	1.2952
Rb-90m	2.4569	1.9366	2.4028	2.5634	2.8389	2.7749	3.0931	3.0002
Re-178	3.1126	2.6180	3.0646	3.2500	3.2155	3.1135	3.4709	3.5149
Re-179	3.8344	3.2383	3.7866	3.9968	3.9979	3.8914	4.2984	4.3356
Re-180	3.2215	2.6990	3.1729	3.3729	3.3092	3.1978	3.5734	3.6349
Re-181	3.7921	3.2155	3.7455	3.9603	3.8666	3.7448	4.1625	4.2384
Re-182	7.5042	6.3894	7.4058	7.8236	7.7397	7.5347	8.3041	8.4052
Re-182m	3.7525	3.1910	3.7009	3.9157	3.8383	3.7278	4.1201	4.1827
Re-183	2.8933	2.4985	2.8522	3.0331	2.7346	2.6013	2.9506	3.1038
Re-184	2.8928	2.4350	2.8513	3.0267	2.9745	2.8804	3.2060	3.2571
Re-184m	2.7368	2.3217	2.6943	2.8703	2.6687	2.5464	2.8905	3.0086
Re-186	0.3349	0.2897	0.3305	0.3498	0.3292	0.3172	0.3533	0.3658
Re-186m	1.1360	0.9078	1.0969	1.2267	0.8397	0.6857	0.9789	1.1797
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	0.3958	0.3384	0.3906	0.4121	0.4119	0.4018	0.4411	0.4451
Re-188m	1.7982	1.5338	1.7665	1.8961	1.6239	1.5119	1.7735	1.9128
Re-189	0.4569	0.3873	0.4504	0.4777	0.4632	0.4471	0.5000	0.5117
Re-190	3.9216	3.2639	3.8765	4.0798	4.3319	4.2658	4.6529	4.5917

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Re-190m	3.3944	2.8433	3.3523	3.5390	3.6093	3.5223	3.8855	3.8969
Rh-100m	0.9339	0.9114	0.9412	0.9508	0.8853	0.8739	0.9077	0.9250
Rh-100	3.3465	2.7806	3.3014	3.4686	3.7029	3.6271	3.9834	3.9147
Rh-101	2.9889	2.6712	2.9747	3.0824	3.1424	3.1147	3.3114	3.2979
Rh-101m	1.7645	1.5674	1.7576	1.8173	1.8365	1.8092	1.9426	1.9372
Rh-102	1.1160	0.9776	1.1106	1.1508	1.1761	1.1551	1.2489	1.2444
Rh-102m	4.4119	3.6826	4.3659	4.5808	4.8768	4.7954	5.2329	5.1569
Rh-103m	0.0847	0.0788	0.0843	0.0879	0.0713	0.0661	0.0759	0.0832
Rh-104	0.0283	0.0236	0.0280	0.0294	0.0314	0.0309	0.0337	0.0332
Rh-104m	1.1168	1.0799	1.1253	1.1378	1.1027	1.1052	1.1275	1.1264
Rh-105	0.3347	0.2799	0.3312	0.3470	0.3708	0.3667	0.3972	0.3899
Rh-106	0.4131	0.3366	0.4077	0.4295	0.4674	0.4602	0.5037	0.4941
Rh-106m	4.5418	3.6726	4.4742	4.7294	5.1684	5.0850	5.5770	5.4555
Rh-107	1.2890	1.0788	1.2758	1.3363	1.4289	1.4131	1.5306	1.5030
Rh-108	0.7835	0.6444	0.7756	0.8140	0.8814	0.8688	0.9485	0.9309
Rh-109	1.4359	1.2224	1.4234	1.4863	1.5744	1.5591	1.6789	1.6521
Rh-94	2.8425	2.2618	2.7872	2.9616	3.2699	3.2090	3.5405	3.4470
Rh-95	1.9854	1.6054	1.9520	2.0670	2.2490	2.2051	2.4303	2.3749
Rh-95m	1.2121	0.9957	1.1962	1.2586	1.3608	1.3373	1.4666	1.4382
Rh-96	4.7507	3.8486	4.6801	4.9536	5.3920	5.2994	5.8205	5.6996
Rh-96m	1.2025	1.0054	1.1868	1.2483	1.3235	1.2975	1.4202	1.3973
Rh-97	1.7410	1.4634	1.7249	1.8048	1.9140	1.8824	2.0515	2.0210
Rh-97m	2.8162	2.3792	2.7817	2.9164	3.0839	3.0285	3.3041	3.2511
Rh-98	1.4175	1.1542	1.3988	1.4767	1.6036	1.5766	1.7300	1.6972
Rh-99	2.4953	2.2292	2.4881	2.5689	2.6005	2.5671	2.7439	2.7343
Rh-99m	1.9911	1.7366	1.9797	2.0553	2.1099	2.0766	2.2421	2.2272
Rn-207	2.8886	2.4377	2.8559	3.0066	3.0719	3.0041	3.3004	3.3018
Rn-209	3.1917	2.6897	3.1541	3.3226	3.3913	3.3123	3.6466	3.6495
Rn-210	0.2355	0.1998	0.2326	0.2456	0.2425	0.2350	0.2613	0.2652
Rn-211	3.9461	3.2753	3.8896	4.1141	4.2465	4.1415	4.5798	4.5717
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	0.0013	0.0015	0.0016	0.0017	0.0017	0.0019	0.0018
Rn-219	0.2710	0.2289	0.2683	0.2811	0.2942	0.2898	0.3152	0.3124
Rn-220	1.3349	1.0874	1.3083	1.3776	1.5053	1.4878	1.6121	1.5808
Rn-222	0.0009	0.0008	0.0009	0.0010	0.0011	0.0010	0.0011	0.0011
Rn-223	1.5855	1.3447	1.5616	1.6598	1.5485	1.4705	1.6825	1.7522
Ru-103	1.1920	0.9793	1.1776	1.2367	1.3403	1.3202	1.4410	1.4152
Ru-105	1.7457	1.4500	1.7259	1.8142	1.9470	1.9194	2.0896	2.0537
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	0.7209	0.5957	0.7117	0.7497	0.8091	0.7985	0.8690	0.8518



<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Ru-108	0.6592	0.5813	0.6543	0.6805	0.7072	0.7027	0.7462	0.7374
Ru-92	6.0361	5.3041	5.9960	6.2302	6.4188	6.3477	6.7969	6.7431
Ru-94	1.8803	1.6463	1.8715	1.9417	1.9717	1.9345	2.0972	2.0919
Ru-95	2.5234	2.1458	2.4998	2.6130	2.7272	2.6785	2.9169	2.8865
Ru-97	2.0584	1.8387	2.0493	2.1235	2.1329	2.1021	2.2553	2.2553
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	0.9790	0.7454	0.9441	1.0189	1.1564	1.1123	1.2904	1.2279
S-38	0.9581	0.7382	0.9320	0.9960	1.1243	1.0957	1.2207	1.1830
Sb-111	2.1189	1.8125	2.0978	2.1927	2.3287	2.3068	2.4757	2.4355
Sb-113	1.5397	1.3012	1.5247	1.5930	1.6949	1.6725	1.8091	1.7817
Sb-114	1.9533	1.5637	1.9144	2.0322	2.2338	2.1933	2.4119	2.3507
Sb-115	1.5915	1.3683	1.5787	1.6429	1.7271	1.7044	1.8350	1.8135
Sb-116	1.7719	1.4429	1.7391	1.8395	2.0008	1.9642	2.1530	2.1025
Sb-116m	5.1991	4.3587	5.1351	5.3900	5.7713	5.6968	6.1668	6.0539
Sb-117	1.9280	1.7504	1.9197	1.9816	2.0204	2.0098	2.1104	2.0939
Sb-118	0.1948	0.1834	0.1947	0.1990	0.1949	0.1932	0.2011	0.2017
Sb-118m	4.9965	4.2583	4.9416	5.1670	5.4802	5.4189	5.8277	5.7291
Sb-119	0.6937	0.6815	0.6971	0.7070	0.6451	0.6350	0.6570	0.6765
Sb-120	0.3441	0.3375	0.3460	0.3499	0.3308	0.3288	0.3360	0.3404
Sb-120m	5.5544	4.7341	5.4963	5.7550	6.1146	6.0606	6.5047	6.3867
Sb-122m	1.4886	1.4003	1.4914	1.5257	1.4980	1.4999	1.5439	1.5433
Sb-122	0.9347	0.7645	0.9233	0.9719	1.0553	1.0392	1.1363	1.1156
Sb-124	2.2376	1.7933	2.2012	2.3308	2.5643	2.5181	2.7728	2.7090
Sb-124m	0.9524	0.7737	0.9392	0.9935	1.0572	1.0335	1.1439	1.1336
Sb-124n	0.0540	0.0406	0.0514	0.0593	0.0344	0.0244	0.0428	0.0559
Sb-125	1.5063	1.3127	1.4979	1.5556	1.6227	1.6061	1.7178	1.6993
Sb-126	5.2693	4.2840	5.2021	5.4926	5.9790	5.8877	6.4492	6.3194
Sb-126m	3.1701	2.5850	3.1327	3.3027	3.5860	3.5310	3.8670	3.7930
Sb-127	1.4988	1.2317	1.4805	1.5592	1.6875	1.6636	1.8151	1.7806
Sb-128	5.8650	4.7683	5.7831	6.1129	6.6495	6.5489	7.1694	7.0212
Sb-128m	3.8298	3.1213	3.7755	3.9917	4.3309	4.2672	4.6669	4.5690
Sb-129	2.0029	1.6079	1.9699	2.0895	2.2911	2.2525	2.4755	2.4176
Sb-130m	4.3783	3.5513	4.3098	4.5682	4.9768	4.9008	5.3653	5.2452
Sb-130	6.3697	5.2211	6.2798	6.6337	7.1859	7.0850	7.7300	7.5673
Sb-131	2.4947	1.9947	2.4519	2.6012	2.8604	2.8101	3.0938	3.0190
Sb-133	2.5773	2.0377	2.5254	2.6866	2.9757	2.9166	3.2289	3.1399
Sc-42m	3.5473	2.8290	3.4823	3.6909	4.0739	4.0004	4.4064	4.2929
Sc-43	0.2959	0.2450	0.2930	0.3078	0.3248	0.3187	0.3500	0.3464
Sc-44	1.2231	0.9618	1.1972	1.2760	1.4125	1.3858	1.5308	1.4912
Sc-44m	1.2400	1.0428	1.2260	1.2852	1.3650	1.3490	1.4615	1.4404
Sc-46	2.4407	1.9347	2.3958	2.5494	2.8123	2.7631	3.0447	2.9679
Sc-47	1.0406	0.9036	1.0305	1.0757	1.1379	1.1319	1.2043	1.1839
Sc-48	3.7668	2.9801	3.6953	3.9309	4.3460	4.2692	4.7055	4.5837

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Sc-49	0.0007	0.0005	0.0007	0.0007	0.0008	0.0008	0.0009	0.0008
Sc-50	3.4388	2.7334	3.3745	3.5806	3.9587	3.8850	4.2850	4.1749
Se-70	2.4244	2.0108	2.3721	2.5659	2.1714	1.9806	2.4079	2.6246
Se-71	1.4435	1.2043	1.4227	1.5007	1.5960	1.5720	1.7103	1.6864
Se-72	1.5182	1.2808	1.4816	1.6157	1.2100	1.0570	1.3555	1.5588
Se-73	2.4427	2.0775	2.4165	2.5456	2.5190	2.4511	2.7070	2.7399
Se-73m	0.3584	0.2961	0.3505	0.3792	0.3236	0.2955	0.3595	0.3906
Se-75	3.2744	2.7509	3.2193	3.4293	3.2591	3.1113	3.5397	3.6679
Se-77m	1.1067	0.9431	1.0885	1.1580	1.0879	1.0373	1.1777	1.2224
Se-79m	0.6488	0.5357	0.6298	0.6942	0.4925	0.4128	0.5657	0.6694
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0251	0.0208	0.0248	0.0260	0.0279	0.0276	0.0300	0.0294
Se-81m	0.7031	0.5834	0.6837	0.7503	0.5518	0.4722	0.6283	0.7310
Se-83m	1.2180	0.9740	1.1980	1.2697	1.3954	1.3711	1.5089	1.4728
Se-83	4.1585	3.3815	4.0966	4.3259	4.7113	4.6372	5.0795	4.9686
Se-84	1.2463	1.0322	1.2364	1.2937	1.3955	1.3768	1.5000	1.4720
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	2.1122	1.7816	2.0895	2.1905	2.3178	2.2887	2.4769	2.4420
Sm-140	1.4628	1.2990	1.4534	1.5106	1.5281	1.5137	1.6071	1.6039
Sm-141	1.8143	1.5284	1.7968	1.8806	1.9928	1.9654	2.1293	2.0983
Sm-141m	3.8821	3.2857	3.8403	4.0302	4.2596	4.2083	4.5455	4.4800
Sm-142	0.7294	0.6896	0.7300	0.7488	0.7086	0.7043	0.7286	0.7417
Sm-143	0.4771	0.4441	0.4766	0.4905	0.4719	0.4684	0.4881	0.4943
Sm-143m	1.1714	0.9529	1.1540	1.2231	1.3251	1.3040	1.4283	1.3997
Sm-145	1.5231	1.4391	1.5248	1.5632	1.4896	1.4839	1.5313	1.5532
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	0.0015	0.0012	0.0015	0.0017	0.0011	0.0008	0.0013	0.0016
Sm-153	1.1637	1.0662	1.1609	1.1984	1.1866	1.1837	1.2349	1.2372
Sm-155	1.3449	1.2007	1.3378	1.3865	1.4395	1.4419	1.5104	1.4908
Sm-156	1.2568	1.0967	1.2449	1.3054	1.3006	1.2778	1.3831	1.3926
Sm-157	1.9869	1.7119	1.9696	2.0601	2.1596	2.1425	2.2949	2.2646
Sn-106	3.0129	2.5959	2.9891	3.1147	3.2753	3.2401	3.4794	3.4316
Sn-108	2.9893	2.6100	2.9723	3.0859	3.2177	3.1876	3.4077	3.3673
Sn-109	2.5724	2.1424	2.5364	2.6657	2.8591	2.8102	3.0635	3.0026
Sn-110	1.8657	1.6552	1.8564	1.9208	1.9733	1.9554	2.0804	2.0630
Sn-111	0.5436	0.5087	0.5436	0.5558	0.5469	0.5409	0.5663	0.5671
Sn-113	0.5688	0.5628	0.5731	0.5774	0.5410	0.5374	0.5485	0.5570
Sn-113m	0.3925	0.3862	0.3945	0.3996	0.3678	0.3632	0.3739	0.3834
Sn-117m	1.8545	1.6719	1.8446	1.9083	1.9505	1.9383	2.0426	2.0267
Sn-119m	0.4768	0.4614	0.4776	0.4884	0.4336	0.4210	0.4462	0.4665

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.1628	0.1542	0.1623	0.1678	0.1464	0.1407	0.1522	0.1611
Sn-123	0.0078	0.0062	0.0077	0.0081	0.0090	0.0088	0.0098	0.0095
Sn-123m	1.3896	1.2166	1.3775	1.4351	1.5081	1.5002	1.5924	1.5680
Sn-125m	1.3345	1.1131	1.3209	1.3839	1.4818	1.4647	1.5885	1.5587
Sn-125	0.4026	0.3203	0.3954	0.4201	0.4629	0.4547	0.5008	0.4883
Sn-126	1.0584	0.9702	1.0560	1.0898	1.0775	1.0720	1.1239	1.1263
Sn-127m	1.1820	0.9670	1.1667	1.2266	1.3332	1.3126	1.4347	1.4072
Sn-127	2.5783	2.0835	2.5365	2.6847	2.9356	2.8880	3.1675	3.0939
Sn-128	2.8854	2.6073	2.8788	2.9647	3.0308	3.0150	3.1686	3.1423
Sn-129	1.5758	1.2713	1.5532	1.6429	1.7973	1.7681	1.9414	1.9006
Sn-130	3.4121	2.9433	3.3839	3.5344	3.7267	3.6997	3.9551	3.8912
Sn-130m	2.0059	1.7174	1.9863	2.0766	2.2034	2.1836	2.3404	2.2996
Sr-79	1.4485	1.2920	1.4402	1.4952	1.4873	1.4644	1.5722	1.5819
Sr-80	1.4112	1.2199	1.3957	1.4675	1.3937	1.3326	1.5055	1.5538
Sr-81	2.0949	1.7894	2.0729	2.1714	2.2781	2.2487	2.4296	2.4042
Sr-82	0.5798	0.5357	0.5735	0.6035	0.4450	0.3924	0.4876	0.5604
Sr-83	1.7291	1.4932	1.7075	1.8008	1.6719	1.5841	1.8131	1.8872
Sr-85	1.7382	1.4859	1.7174	1.8060	1.7460	1.6727	1.8875	1.9367
Sr-85m	1.5323	1.3148	1.5163	1.5890	1.6418	1.6177	1.7535	1.7450
Sr-87m	1.1192	0.9402	1.1107	1.1616	1.2164	1.1934	1.3077	1.2964
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	1.0028	0.8024	0.9868	1.0471	1.1491	1.1299	1.2426	1.2140
Sr-92	1.2135	0.9547	1.1865	1.2638	1.4057	1.3785	1.5235	1.4803
Sr-93	3.3123	2.6920	3.2616	3.4487	3.7422	3.6758	4.0386	3.9577
Sr-94	1.2063	0.9457	1.1789	1.2567	1.4017	1.3733	1.5207	1.4762
Ta-170	1.6237	1.3842	1.6020	1.6969	1.6419	1.5891	1.7657	1.8038
Ta-172	3.5754	3.0051	3.5244	3.7300	3.7569	3.6600	4.0404	4.0625
Ta-173	2.8479	2.4596	2.8121	2.9754	2.8017	2.7012	3.0055	3.0986
Ta-174	2.9212	2.4970	2.8831	3.0489	2.9761	2.8894	3.1949	3.2486
Ta-175	3.7878	3.2441	3.7436	3.9436	3.9184	3.8261	4.1904	4.2265
Ta-176	3.5718	2.9633	3.5117	3.7286	3.7663	3.6521	4.0664	4.0860
Ta-177	1.3482	1.1903	1.3351	1.4060	1.2951	1.2519	1.3796	1.4311
Ta-178	1.4021	1.2310	1.3869	1.4643	1.3385	1.2880	1.4303	1.4895
Ta-178m	7.3520	6.3069	7.2820	7.6412	7.7293	7.5916	8.2559	8.2683
Ta-179	0.7149	0.6177	0.7038	0.7523	0.6428	0.6011	0.6976	0.7509
Ta-180	1.1480	1.0116	1.1360	1.1990	1.0874	1.0455	1.1614	1.2131
Ta-182	3.1442	2.6410	3.0982	3.2771	3.3274	3.2504	3.5731	3.5807
Ta-182m	3.6451	3.1262	3.5924	3.8151	3.5711	3.4244	3.8486	3.9903
Ta-183	3.3286	2.8530	3.2829	3.4815	3.2678	3.1380	3.5218	3.6460
Ta-184	5.0709	4.2202	5.0037	5.2881	5.4284	5.2970	5.8522	5.8558
Ta-185	1.8965	1.6193	1.8679	1.9871	1.8527	1.7720	2.0018	2.0800

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Ta-186	4.8083	4.0296	4.7503	5.0044	5.2447	5.1586	5.6276	5.5803
Tb-146	2.5761	2.0599	2.5261	2.6816	2.9431	2.8833	3.1856	3.1035
Tb-147m	1.7877	1.4841	1.7582	1.8557	1.9645	1.9276	2.1055	2.0729
Tb-147	3.3053	2.7643	3.2610	3.4330	3.6400	3.5865	3.8945	3.8377
Tb-148m	5.7550	4.7492	5.6858	5.9928	6.4259	6.3291	6.9056	6.7884
Tb-148	2.4724	2.0275	2.4346	2.5746	2.7641	2.7153	2.9754	2.9204
Tb-149m	2.5451	2.1422	2.5152	2.6488	2.7800	2.7385	2.9719	2.9370
Tb-149	3.0503	2.5892	3.0180	3.1654	3.3136	3.2674	3.5355	3.4943
Tb-150m	5.8563	4.8782	5.7943	6.0879	6.4870	6.3934	6.9565	6.8571
Tb-150	2.8820	2.3899	2.8420	2.9950	3.1855	3.1275	3.4243	3.3701
Tb-151	4.0881	3.5373	4.0553	4.2342	4.3630	4.3118	4.6316	4.6025
Tb-151m	0.8598	0.7181	0.8407	0.9123	0.7406	0.6679	0.8220	0.9109
Tb-152m	3.6918	3.1883	3.6603	3.8270	3.9020	3.8439	4.1498	4.1403
Tb-152	2.7056	2.2882	2.6760	2.8064	2.9390	2.8949	3.1406	3.1029
Tb-153	2.5757	2.2842	2.5584	2.6672	2.6499	2.6150	2.7960	2.8103
Tb-154	3.1292	2.6397	3.0859	3.2464	3.3953	3.3351	3.6306	3.5900
Tb-155	2.5581	2.3046	2.5457	2.6428	2.6126	2.5897	2.7399	2.7531
Tb-156	4.7413	4.0239	4.6877	4.9216	5.1185	5.0412	5.4622	5.4162
Tb-156m	0.7910	0.7424	0.7937	0.8104	0.8141	0.8235	0.8355	0.8230
Tb-156n	0.2353	0.1903	0.2278	0.2532	0.1786	0.1490	0.2057	0.2443
Tb-157	0.2494	0.2080	0.2429	0.2663	0.1975	0.1712	0.2223	0.2572
Tb-158	2.3753	2.0429	2.3509	2.4701	2.4884	2.4411	2.6503	2.6568
Tb-160	2.2248	1.8368	2.1928	2.3180	2.4478	2.4036	2.6326	2.6008
Tb-161	0.9438	0.8541	0.9369	0.9809	0.8815	0.8493	0.9318	0.9752
Tb-162	2.9532	2.4617	2.9149	3.0731	3.2502	3.2007	3.4879	3.4432
Tb-163	2.4719	2.0573	2.4473	2.5662	2.7380	2.6990	2.9390	2.8947
Tb-164	4.8318	3.9908	4.7641	5.0306	5.3550	5.2638	5.7592	5.6774
Tb-165	1.0739	0.8628	1.0524	1.1213	1.1859	1.1536	1.2858	1.2740
Tc-101	1.4185	1.1882	1.4034	1.4705	1.5713	1.5541	1.6825	1.6525
Tc-102m	3.0289	2.4326	2.9797	3.1512	3.4617	3.3989	3.7434	3.6558
Tc-102	0.1415	0.1151	0.1396	0.1471	0.1604	0.1578	0.1729	0.1693
Tc-104	2.9572	2.3984	2.9122	3.0739	3.3566	3.2995	3.6251	3.5391
Tc-105	2.4122	2.0557	2.3884	2.4975	2.6480	2.6208	2.8217	2.7777
Tc-91	1.0657	0.8423	1.0422	1.1088	1.2272	1.1965	1.3374	1.2975
Tc-91m	0.8078	0.6607	0.7967	0.8386	0.9089	0.8937	0.9785	0.9605
Tc-92	5.0793	4.2134	5.0090	5.2746	5.6826	5.6036	6.0968	5.9730
Tc-93	1.7114	1.4458	1.6873	1.7708	1.8366	1.7886	1.9707	1.9538
Tc-93m	1.2738	1.0738	1.2610	1.3187	1.3870	1.3569	1.4933	1.4716
Tc-94	4.3597	3.5951	4.3022	4.5422	4.8435	4.7510	5.2155	5.1353
Tc-94m	1.5788	1.2881	1.5542	1.6452	1.7681	1.7316	1.9089	1.8732
Tc-95	1.8209	1.5706	1.8050	1.8882	1.9208	1.8756	2.0532	2.0498
Tc-95m	2.4810	2.1565	2.4622	2.5697	2.6264	2.5801	2.7982	2.7878
Tc-96	4.2839	3.5405	4.2252	4.4634	4.7446	4.6521	5.1069	5.0300

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Tc-96m	0.3654	0.3481	0.3664	0.3742	0.3363	0.3243	0.3513	0.3652
Tc-97	0.5713	0.5616	0.5751	0.5826	0.4987	0.4773	0.5173	0.5471
Tc-97m	0.4378	0.4310	0.4411	0.4462	0.3882	0.3744	0.4010	0.4209
Tc-98	2.4585	1.9865	2.4238	2.5667	2.8018	2.7571	3.0261	2.9636
Tc-99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Tc-99m	1.4122	1.2409	1.4008	1.4581	1.5254	1.5176	1.6098	1.5930
Te-113	1.3350	1.0683	1.3101	1.3904	1.5284	1.4994	1.6533	1.6114
Te-114	2.4077	2.1011	2.3875	2.4863	2.5730	2.5404	2.7218	2.6955
Te-115	2.1051	1.7237	2.0721	2.1879	2.3726	2.3346	2.5513	2.4966
Te-115m	2.3612	1.9213	2.3221	2.4558	2.6721	2.6253	2.8774	2.8128
Te-116	1.4525	1.3767	1.4550	1.4849	1.4574	1.4549	1.4995	1.5021
Te-117	1.7940	1.5093	1.7720	1.8605	1.9809	1.9492	2.1177	2.0811
Te-118	0.5523	0.5471	0.5560	0.5612	0.5244	0.5219	0.5302	0.5393
Te-119	1.7976	1.5554	1.7848	1.8596	1.9426	1.9178	2.0612	2.0397
Te-119m	3.3203	2.8407	3.2826	3.4342	3.6335	3.5935	3.8605	3.7988
Te-121	1.7764	1.5506	1.7655	1.8333	1.9045	1.8815	2.0153	1.9977
Te-121m	1.7042	1.5083	1.6929	1.7616	1.7990	1.7819	1.8994	1.8897
Te-123	0.0477	0.0361	0.0455	0.0524	0.0307	0.0220	0.0380	0.0493
Te-123m	1.6902	1.5100	1.6787	1.7426	1.7815	1.7675	1.8716	1.8596
Te-125m	0.9868	0.9697	0.9918	1.0048	0.9373	0.9316	0.9504	0.9693
Te-127	0.0165	0.0139	0.0164	0.0171	0.0183	0.0180	0.0195	0.0192
Te-127m	0.3277	0.3163	0.3281	0.3356	0.3038	0.2976	0.3117	0.3232
Te-129	0.3172	0.2792	0.3142	0.3293	0.3125	0.3014	0.3329	0.3427
Te-129m	0.2842	0.2677	0.2840	0.2916	0.2757	0.2712	0.2851	0.2910
Te-131	1.7223	1.4790	1.7057	1.7820	1.8908	1.8756	2.0076	1.9762
Te-131m	2.7699	2.2982	2.7330	2.8804	3.0991	3.0588	3.3223	3.2572
Te-132	2.0752	1.8651	2.0665	2.1368	2.1884	2.1800	2.2941	2.2744
Te-133	2.1362	1.7460	2.1067	2.2204	2.4097	2.3741	2.5951	2.5387
Te-133m	3.1153	2.5573	3.0724	3.2417	3.5079	3.4565	3.7711	3.6942
Te-134	2.9154	2.4827	2.8883	3.0224	3.2090	3.1799	3.4186	3.3624
Th-223	1.3940	1.2295	1.3789	1.4512	1.3390	1.2853	1.4355	1.4942
Th-224	0.2232	0.1936	0.2208	0.2319	0.2299	0.2244	0.2458	0.2483
Th-226	0.1819	0.1599	0.1794	0.1901	0.1639	0.1528	0.1779	0.1912
Th-227	1.6039	1.3966	1.5822	1.6761	1.4807	1.3898	1.6069	1.7079
Th-228	0.1516	0.1335	0.1490	0.1595	0.1214	0.1073	0.1344	0.1528
Th-229	2.2214	1.9495	2.1906	2.3245	1.9985	1.8644	2.1697	2.3331
Th-230	1.1092	1.0194	1.1189	1.1422	1.1963	1.2069	1.2272	1.2354
Th-231	1.2116	1.0854	1.1950	1.2690	0.9861	0.8855	1.0786	1.2123
Th-232	1.1778	0.9320	1.1428	1.2229	1.3515	1.3307	1.4498	1.4128
Th-233	0.3822	0.3262	0.3752	0.4026	0.3372	0.3083	0.3711	0.4053
Th-234	0.2741	0.2451	0.2714	0.2855	0.2502	0.2368	0.2686	0.2853
Th-235	0.1365	0.1134	0.1349	0.1421	0.1497	0.1468	0.1611	0.1596
Th-236	0.2837	0.2474	0.2806	0.2953	0.2791	0.2685	0.2998	0.3096

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Ti-44	2.3750	2.1439	2.3703	2.4482	2.5112	2.5252	2.6227	2.5869
Ti-45	0.0200	0.0152	0.0192	0.0218	0.0148	0.0117	0.0176	0.0214
Ti-51	1.3602	1.1306	1.3451	1.4113	1.5135	1.4958	1.6235	1.5924
Ti-52	1.7427	1.5369	1.7277	1.8029	1.8201	1.7943	1.9268	1.9392
Tl-190	1.9721	1.6472	1.9507	2.0534	2.1237	2.0780	2.2855	2.2788
Tl-190m	5.0060	4.1399	4.9453	5.2154	5.4939	5.3883	5.9175	5.8633
Tl-194	2.1795	1.8383	2.1557	2.2712	2.2905	2.2327	2.4640	2.4800
Tl-194m	6.6536	5.5375	6.5704	6.9383	7.1604	6.9947	7.7169	7.7073
Tl-195	3.1139	2.6005	3.0606	3.2622	3.1243	2.9857	3.3939	3.4933
Tl-196	3.4331	2.8528	3.3859	3.5771	3.6799	3.5869	3.9681	3.9638
Tl-197	2.4180	2.0738	2.3881	2.5236	2.4266	2.3466	2.6080	2.6712
Tl-198	3.7692	3.1285	3.7156	3.9281	4.0370	3.9326	4.3552	4.3517
Tl-198m	4.5460	3.8087	4.4885	4.7452	4.7473	4.6044	5.1262	5.1853
Tl-199	2.3725	2.0481	2.3444	2.4761	2.3538	2.2738	2.5280	2.6003
Tl-200	3.5840	2.9986	3.5368	3.7355	3.7997	3.7047	4.0917	4.1024
Tl-201	1.9351	1.6795	1.9091	2.0260	1.8297	1.7428	1.9732	2.0745
Tl-202	2.4670	2.1012	2.4402	2.5710	2.5321	2.4591	2.7221	2.7636
Tl-204	0.0309	0.0267	0.0304	0.0324	0.0285	0.0268	0.0308	0.0328
Tl-206m	6.6640	5.5373	6.5828	6.9327	7.3357	7.2140	7.8860	7.7955
Tl-206	0.0015	0.0013	0.0015	0.0015	0.0014	0.0014	0.0015	0.0016
Tl-207	0.0033	0.0027	0.0033	0.0035	0.0038	0.0037	0.0041	0.0040
Tl-208	2.7620	2.2063	2.7090	2.8734	3.1508	3.0731	3.4389	3.3475
Tl-209	3.9242	3.2760	3.8726	4.0716	4.3497	4.2872	4.6612	4.5881
Tl-210	4.1555	3.3737	4.0831	4.3345	4.5998	4.4914	4.9794	4.9183
Tm-161	4.7018	4.1347	4.6631	4.8746	4.8292	4.7498	5.1101	5.1384
Tm-162	2.4902	2.0945	2.4547	2.5905	2.6662	2.6093	2.8593	2.8437
Tm-163	3.9532	3.4211	3.9146	4.1014	4.1450	4.0791	4.4037	4.3996
Tm-164	1.0953	0.9547	1.0841	1.1385	1.1116	1.0858	1.1820	1.1964
Tm-165	3.1654	2.7593	3.1395	3.2836	3.2865	3.2337	3.4884	3.4988
Tm-166	3.7757	3.1745	3.7230	3.9314	4.0260	3.9368	4.3165	4.3071
Tm-167	2.0396	1.7986	2.0215	2.1225	2.0209	1.9690	2.1472	2.1961
Tm-168	4.4027	3.7443	4.3530	4.5850	4.6790	4.5915	5.0047	4.9974
Tm-170	0.1044	0.0898	0.1027	0.1098	0.0954	0.0895	0.1036	0.1108
Tm-171	0.0156	0.0138	0.0155	0.0163	0.0147	0.0142	0.0157	0.0164
Tm-172	0.7668	0.6275	0.7519	0.8032	0.8001	0.7693	0.8693	0.8807
Tm-173	1.3077	1.0934	1.2977	1.3581	1.4380	1.4162	1.5437	1.5238
Tm-174	5.6138	4.6930	5.5462	5.8406	6.1059	5.9977	6.5562	6.5019
Tm-175	2.2316	1.8330	2.2019	2.3231	2.4762	2.4315	2.6662	2.6298
Tm-176	3.9082	3.2428	3.8521	4.0706	4.2500	4.1607	4.5773	4.5404
U-227	1.4130	1.2384	1.3979	1.4690	1.3877	1.3379	1.4879	1.5341
U-228	0.1726	0.1539	0.1703	0.1805	0.1456	0.1326	0.1588	0.1755
U-230	0.1724	0.1541	0.1699	0.1809	0.1357	0.1196	0.1497	0.1710
U-231	2.4971	2.2343	2.4691	2.6035	2.2166	2.0697	2.3925	2.5781

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
U-232	0.1582	0.1414	0.1558	0.1662	0.1217	0.1060	0.1349	0.1559
U-233	0.0839	0.0743	0.0825	0.0884	0.0641	0.0555	0.0714	0.0830
U-234	1.1109	1.0509	1.1253	1.1344	1.1832	1.2058	1.2062	1.1737
U-235	1.5762	1.3670	1.5649	1.6307	1.7260	1.7143	1.8048	1.7829
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	0.1299	0.1161	0.1279	0.1365	0.0993	0.0862	0.1102	0.1278
U-237	2.4336	2.1679	2.4127	2.5276	2.3506	2.2682	2.5070	2.5947
U-238	0.9743	0.8111	0.9528	1.0048	1.0926	1.0925	1.1601	1.1213
U-239	0.8407	0.7623	0.8380	0.8678	0.8501	0.8417	0.8925	0.8985
U-240	0.4477	0.3990	0.4413	0.4697	0.3614	0.3224	0.3970	0.4485
U-242	0.2945	0.2618	0.2932	0.3041	0.3094	0.3076	0.3258	0.3237
V-47	0.0125	0.0098	0.0121	0.0132	0.0119	0.0109	0.0134	0.0142
V-48	2.5864	2.0357	2.5328	2.7026	2.9566	2.8908	3.2104	3.1425
V-49	0.1333	0.1002	0.1270	0.1465	0.0850	0.0602	0.1056	0.1379
V-50	1.2550	0.9813	1.2247	1.3144	1.4018	1.3531	1.5328	1.5162
V-52	1.1620	0.9084	1.1348	1.2103	1.3529	1.3249	1.4684	1.4241
V-53	1.2559	0.9945	1.2342	1.3118	1.4479	1.4226	1.5680	1.5288
W-177	5.1206	4.3906	5.0596	5.3409	5.2066	5.0584	5.5815	5.6839
W-178	0.5543	0.4640	0.5416	0.5894	0.4653	0.4164	0.5181	0.5810
W-179	1.5314	1.3360	1.5096	1.6078	1.3822	1.2983	1.4929	1.6019
W-179m	1.0362	0.8976	1.0224	1.0859	0.9790	0.9332	1.0548	1.1085
W-181	1.0259	0.8953	1.0128	1.0753	0.9502	0.9027	1.0224	1.0821
W-185m	1.0031	0.8023	0.9700	1.0800	0.7781	0.6530	0.8984	1.0579
W-185	0.0009	0.0008	0.0009	0.0010	0.0009	0.0009	0.0010	0.0010
W-187	1.4906	1.2578	1.4740	1.5515	1.5982	1.5686	1.7127	1.7085
W-188	0.0143	0.0122	0.0141	0.0149	0.0147	0.0142	0.0158	0.0161
W-190	2.4884	2.1667	2.4594	2.5963	2.4492	2.3696	2.6196	2.6981
Xe-120	2.2331	2.0402	2.2279	2.2949	2.3077	2.2936	2.4052	2.3978
Xe-121	1.7954	1.5516	1.7777	1.8543	1.9472	1.9245	2.0679	2.0370
Xe-122	0.8468	0.8048	0.8484	0.8655	0.8407	0.8370	0.8636	0.8693
Xe-123	1.9379	1.7307	1.9260	1.9963	2.0517	2.0379	2.1532	2.1351
Xe-125	2.2937	2.0765	2.2850	2.3606	2.3970	2.3850	2.5071	2.4926
Xe-127	2.4610	2.2008	2.4488	2.5386	2.5989	2.5834	2.7308	2.7099
Xe-127m	2.0807	1.8650	2.0685	2.1444	2.2018	2.1925	2.3086	2.2959
Xe-129m	1.2098	1.1751	1.2143	1.2343	1.1684	1.1646	1.1889	1.2069
Xe-131m	0.5115	0.4939	0.5126	0.5230	0.4876	0.4827	0.4983	0.5100
Xe-133	0.9222	0.8641	0.9231	0.9450	0.9429	0.9471	0.9718	0.9673
Xe-133m	0.6254	0.5924	0.6257	0.6403	0.6155	0.6110	0.6336	0.6414
Xe-135	1.3271	1.1305	1.3138	1.3730	1.4569	1.4440	1.5537	1.5311
Xe-135m	1.0740	0.8975	1.0626	1.1130	1.1914	1.1746	1.2754	1.2563
Xe-137	0.4207	0.3456	0.4160	0.4367	0.4734	0.4664	0.5093	0.4995
Xe-138	1.6254	1.3284	1.5984	1.6911	1.7917	1.7495	1.9348	1.9146
Y-81	1.8668	1.6556	1.8533	1.9309	1.9086	1.8721	2.0248	2.0483

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Y-83	1.1256	0.9922	1.1156	1.1653	1.1169	1.0769	1.1939	1.2216
Y-83m	1.2602	1.0807	1.2487	1.3048	1.3349	1.3078	1.4291	1.4283
Y-84m	4.0001	3.1958	3.9320	4.1774	4.5759	4.4931	4.9515	4.8387
Y-85	1.0548	0.8858	1.0421	1.0951	1.1215	1.0904	1.2084	1.2112
Y-85m	1.1682	0.9789	1.1509	1.2142	1.2393	1.2015	1.3380	1.3401
Y-86	4.2660	3.4616	4.1958	4.4447	4.7479	4.6362	5.1361	5.0660
Y-86m	1.5104	1.2948	1.4956	1.5685	1.6409	1.6243	1.7502	1.7305
Y-87	1.6821	1.4515	1.6652	1.7446	1.6888	1.6224	1.8195	1.8624
Y-87m	1.0983	0.9273	1.0902	1.1389	1.1900	1.1681	1.2774	1.2664
Y-88	2.8608	2.3383	2.8085	2.9796	3.0953	2.9927	3.3546	3.3425
Y-89m	1.2233	0.9751	1.2028	1.2788	1.4042	1.3800	1.5196	1.4833
Y-90	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Y-90m	2.6639	2.2523	2.6371	2.7646	2.9319	2.8981	3.1355	3.0906
Y-91	0.0031	0.0024	0.0030	0.0032	0.0036	0.0035	0.0039	0.0038
Y-91m	1.1751	0.9636	1.1610	1.2214	1.3188	1.2971	1.4203	1.3975
Y-92	0.3217	0.2567	0.3162	0.3356	0.3692	0.3628	0.3994	0.3897
Y-93	0.1703	0.1401	0.1678	0.1768	0.1913	0.1886	0.2056	0.2015
Y-94	0.9522	0.7580	0.9357	0.9944	1.0946	1.0752	1.1850	1.1558
Y-95	0.6887	0.5371	0.6722	0.7173	0.8018	0.7819	0.8759	0.8469
Yb-162	2.6098	2.2950	2.5873	2.7085	2.6721	2.6250	2.8316	2.8585
Yb-163	1.8443	1.5832	1.8210	1.9256	1.8444	1.7825	1.9779	2.0250
Yb-164	1.0682	0.9620	1.0619	1.1089	1.0356	1.0119	1.0910	1.1197
Yb-165	2.9118	2.5478	2.8785	3.0425	2.7818	2.6714	2.9767	3.1022
Yb-166	2.0157	1.8166	2.0041	2.0917	1.9626	1.9214	2.0663	2.1164
Yb-167	4.4536	3.9404	4.4144	4.6303	4.4175	4.3117	4.6855	4.7914
Yb-169	4.9310	4.3827	4.8968	5.1161	4.9726	4.8900	5.2532	5.3180
Yb-175	0.2092	0.1792	0.2075	0.2171	0.2234	0.2201	0.2384	0.2373
Yb-177	0.7545	0.6483	0.7461	0.7829	0.8064	0.7953	0.8578	0.8534
Yb-178	0.1489	0.1242	0.1474	0.1549	0.1603	0.1568	0.1726	0.1720
Yb-179	2.4005	1.9821	2.3734	2.4978	2.6688	2.6259	2.8707	2.8314
Zn-60	1.4529	1.2144	1.4377	1.5110	1.6035	1.5826	1.7185	1.6942
Zn-61	0.5333	0.4256	0.5234	0.5551	0.6083	0.5951	0.6597	0.6445
Zn-62	1.5133	1.2417	1.4824	1.5968	1.4431	1.3439	1.5892	1.6866
Zn-63	0.2389	0.1896	0.2341	0.2512	0.2568	0.2467	0.2812	0.2835
Zn-65	1.0673	0.8247	1.0337	1.1389	0.9998	0.9030	1.1286	1.2179
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zn-69m	1.1741	0.9673	1.1621	1.2202	1.3038	1.2809	1.4047	1.3856
Zn-71	0.6488	0.5308	0.6404	0.6743	0.7322	0.7213	0.7879	0.7729
Zn-71m	3.6917	3.0330	3.6511	3.8365	4.1556	4.0962	4.4715	4.3883
Zn-72	2.1971	1.8537	2.1559	2.3089	2.1071	1.9865	2.2959	2.4204
Zr-85	1.1247	0.9278	1.1120	1.1679	1.2528	1.2313	1.3483	1.3267
Zr-86	2.6735	2.4112	2.6587	2.7579	2.6180	2.5357	2.7819	2.8518
Zr-87	0.1935	0.1705	0.1914	0.2003	0.1869	0.1778	0.2010	0.2078



<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Zr-88	1.8004	1.5698	1.7903	1.8639	1.8306	1.7736	1.9628	1.9902
Zr-89	1.6952	1.4241	1.6735	1.7649	1.7930	1.7382	1.9342	1.9390
Zr-89m	1.2084	0.9899	1.1936	1.2572	1.3550	1.3312	1.4607	1.4380
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	1.1972	0.9642	1.1786	1.2510	1.3671	1.3449	1.4772	1.4448
Zr-97	1.4288	1.1536	1.4068	1.4915	1.6270	1.6002	1.7570	1.7193

Table 5: Composite 1 -1 cm Contamination Thickness for 100x100x10 ft and 200x200x20 ft rooms

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Ac-223	0.2653	0.2608	0.2757	0.2921	0.2167	0.2205	0.2464	0.2922
Ac-224	3.1034	3.1661	3.2602	3.2082	2.8858	2.9341	3.1721	3.1722
Ac-225	0.3643	0.3564	0.3791	0.4009	0.2939	0.2978	0.3335	0.3967
Ac-226	1.4050	1.4181	1.4724	1.4651	1.3088	1.3279	1.4746	1.4256
Ac-227	0.0624	0.0582	0.0626	0.0752	0.0395	0.0403	0.0467	0.0759
Ac-228	2.1864	2.2063	2.3585	2.3119	2.0370	2.1053	2.3430	2.2576
Ac-230	0.9327	0.9408	1.0034	0.9771	0.8607	0.8916	1.0155	0.9706
Ac-231	3.1885	3.2426	3.4464	3.2719	3.0315	3.0803	3.4829	3.2683
Ac-232	1.5367	1.5607	1.6481	1.5847	1.4366	1.4930	1.7069	1.5977
Ac-233	1.4460	1.4728	1.5727	1.5237	1.3932	1.4288	1.6476	1.5027
Ag-100m	2.7894	2.8574	2.9856	2.8449	2.7330	2.8398	3.2133	2.8570
Ag-101	2.2860	2.3189	2.4351	2.3451	2.2110	2.2688	2.5833	2.3725
Ag-102m	1.7219	1.7682	1.8564	1.7410	1.6744	1.7394	1.9874	1.7655
Ag-102	4.1595	4.2519	4.4778	4.2686	4.0591	4.2122	4.7572	4.2502
Ag-103	2.4798	2.5310	2.6195	2.5102	2.3655	2.4168	2.6606	2.5128
Ag-104	5.0765	5.1618	5.4364	5.2377	4.9117	5.0930	5.6681	5.1535
Ag-104m	2.0413	2.0801	2.1998	2.0970	1.9722	2.0277	2.3276	2.1017
Ag-105	2.5982	2.6143	2.8135	2.6295	2.4530	2.4972	2.8541	2.6584
Ag-105m	0.0242	0.0230	0.0239	0.0291	0.0158	0.0163	0.0180	0.0307
Ag-106	0.4687	0.4668	0.4999	0.4810	0.4289	0.4357	0.4901	0.4772
Ag-106m	6.1606	6.2661	6.6212	6.3629	5.9593	6.1633	6.9126	6.2586
Ag-108	0.0515	0.0518	0.0545	0.0527	0.0486	0.0495	0.0568	0.0532
Ag-108m	4.6254	4.6992	4.9194	4.7372	4.4610	4.5898	5.2049	4.7169
Ag-109m	0.3028	0.2966	0.3099	0.3033	0.2620	0.2626	0.2779	0.3101
Ag-110	0.0714	0.0728	0.0758	0.0735	0.0698	0.0716	0.0828	0.0743
Ag-110m	4.9054	5.0106	5.2481	5.0799	4.8111	5.0002	5.5789	5.0146
Ag-111	0.1310	0.1332	0.1459	0.1329	0.1274	0.1298	0.1525	0.1348
Ag-111m	0.1659	0.1615	0.1691	0.1687	0.1397	0.1403	0.1507	0.1719
Ag-112	1.1123	1.1397	1.1927	1.1395	1.0918	1.1253	1.2999	1.1556
Ag-113m	0.9360	0.9508	1.0311	0.9547	0.9010	0.9195	1.0694	0.9649
Ag-113	0.2924	0.2970	0.3250	0.2988	0.2846	0.2897	0.3408	0.3050
Ag-114	0.4602	0.4712	0.4978	0.4749	0.4509	0.4642	0.5361	0.4757
Ag-115	1.0401	1.0687	1.1143	1.0582	1.0159	1.0462	1.1848	1.0455
Ag-116	2.6850	2.7568	2.9076	2.7477	2.6313	2.7276	3.1017	2.7472
Ag-117	2.0516	2.1178	2.2104	2.0513	2.0029	2.0699	2.3319	2.0664
Ag-99	2.8918	2.9455	3.0916	2.9537	2.8159	2.9159	3.2867	2.9620
Al-26	1.4977	1.5545	1.6256	1.4647	1.4694	1.5549	1.7582	1.5076
Al-28	1.4594	1.5145	1.5870	1.4278	1.4329	1.5200	1.7084	1.4630
Al-29	1.5366	1.5677	1.6561	1.5741	1.5077	1.5598	1.8075	1.6154
Am-237	3.2412	3.2937	3.4698	3.3258	2.9973	3.0532	3.3580	3.3696
Am-238	3.1711	3.2254	3.3944	3.2994	2.9518	3.0300	3.2824	3.2857
Am-239	3.6625	3.7189	3.8864	3.7721	3.3131	3.3671	3.6300	3.8103

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Am-240	3.3731	3.4082	3.6121	3.5762	3.0972	3.1839	3.4329	3.5170
Am-241	1.1934	1.2157	1.2079	1.1625	1.1800	1.2382	1.1778	1.1141
Am-242	0.4735	0.4671	0.4994	0.5031	0.3920	0.3975	0.4339	0.5039
Am-242m	0.2620	0.2467	0.2726	0.2959	0.1866	0.1889	0.2166	0.2920
Am-243	1.1972	1.2094	1.2244	1.2142	1.1268	1.1534	1.1697	1.2312
Am-244	2.8652	2.8576	3.0207	3.0167	2.5723	2.6489	2.9204	2.9561
Am-244m	0.1606	0.1544	0.1688	0.1763	0.1252	0.1273	0.1430	0.1738
Am-245	0.4017	0.4090	0.4235	0.4117	0.3689	0.3765	0.4093	0.4185
Am-246	3.9912	3.9954	4.2065	4.1927	3.5826	3.6554	4.0868	4.0896
Am-246m	1.9024	1.9227	2.0405	2.0164	1.7983	1.8658	2.0498	1.9690
Am-247	1.4989	1.5319	1.6024	1.5287	1.3932	1.4193	1.5559	1.5515
Ar-37	0.0234	0.0218	0.0221	0.0295	0.0132	0.0138	0.0147	0.0314
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	1.5128	1.5412	1.6338	1.5558	1.4845	1.5376	1.7773	1.5896
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	1.8245	1.8708	1.9702	1.8836	1.7910	1.8693	2.0777	1.8668
Ar-44	2.8681	2.9584	3.0809	2.8923	2.8094	2.9146	3.2543	2.8041
As-68	3.5853	3.6718	3.8659	3.7239	3.5178	3.6625	4.0831	3.6876
As-69	0.5586	0.5694	0.5877	0.5779	0.5295	0.5446	0.6038	0.5755
As-70	4.7016	4.8078	5.0724	4.9045	4.5966	4.7780	5.3438	4.8594
As-71	2.0886	2.1066	2.1762	2.2305	1.9070	1.9357	2.1501	2.1288
As-72	1.5409	1.5688	1.6333	1.5987	1.4870	1.5585	1.6949	1.5601
As-73	0.9640	0.9103	0.9221	1.1757	0.5958	0.6186	0.6570	1.2350
As-74	1.2791	1.2944	1.3538	1.3588	1.1949	1.2217	1.4234	1.3823
As-76	0.9184	0.9384	0.9929	0.9549	0.8995	0.9226	1.0697	0.9541
As-77	0.0485	0.0494	0.0512	0.0500	0.0471	0.0481	0.0545	0.0497
As-78	2.0908	2.1391	2.2440	2.1484	2.0510	2.1182	2.4299	2.1653
As-79	0.0930	0.0950	0.1009	0.0956	0.0908	0.0941	0.1061	0.0936
At-204	6.3883	6.5005	6.8160	6.6242	6.1564	6.3336	7.1241	6.5894
At-205	3.2460	3.2882	3.4094	3.3663	3.0745	3.1585	3.4530	3.3897
At-206	6.6102	6.7304	7.0322	6.8342	6.3739	6.5741	7.3242	6.7753
At-207	5.0633	5.1416	5.3565	5.2343	4.8319	4.9829	5.4785	5.2504
At-208	7.9221	8.0590	8.3715	8.2247	7.6131	7.8237	8.6892	8.1574
At-209	7.1532	7.2624	7.5420	7.4144	6.8265	7.0425	7.6982	7.3274
At-210	6.1086	6.1948	6.4720	6.3371	5.8298	6.0239	6.6844	6.3878
At-211	0.7424	0.7431	0.7582	0.7793	0.6712	0.6831	0.7128	0.7977
At-215	0.0007	0.0007	0.0008	0.0007	0.0007	0.0007	0.0008	0.0007
At-216	0.0396	0.0400	0.0408	0.0409	0.0367	0.0374	0.0393	0.0418
At-217	0.0017	0.0017	0.0017	0.0017	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	2.3935	2.4326	2.5536	2.4588	2.3115	2.3630	2.7035	2.4673
Au-186	3.7748	3.8549	4.0082	3.8758	3.6238	3.7140	4.0990	3.7761

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Au-187	2.9149	2.9565	3.0367	2.9976	2.7202	2.8088	3.0200	3.0235
Au-190	4.4019	4.4893	4.7412	4.4592	4.2268	4.3475	4.8811	4.5629
Au-191	3.6502	3.7014	3.8103	3.7519	3.4276	3.5189	3.8017	3.7719
Au-192	4.0882	4.1677	4.4200	4.1386	3.9143	4.0286	4.5051	4.2305
Au-193	2.3014	2.3314	2.3568	2.3540	2.1312	2.1864	2.2637	2.3707
Au-193m	1.7078	1.7107	1.7657	1.7963	1.5557	1.5923	1.7860	1.8376
Au-194	3.2778	3.3312	3.5267	3.3373	3.1183	3.2042	3.5472	3.3949
Au-195	1.8844	1.8948	1.9059	1.9534	1.6750	1.7203	1.7399	1.9986
Au-195m	1.7244	1.7271	1.7903	1.8125	1.5705	1.6065	1.8055	1.8555
Au-196	3.0276	3.0730	3.2564	3.0773	2.8731	2.9457	3.2637	3.1126
Au-196m	3.6667	3.6923	3.7649	3.8616	3.2968	3.3599	3.6012	3.8104
Au-198	1.4697	1.5034	1.5707	1.4922	1.4295	1.4854	1.6716	1.4563
Au-198m	6.0033	6.1370	6.3055	6.1846	5.6759	5.7679	6.2340	6.0197
Au-199	1.2231	1.2350	1.2621	1.2715	1.1498	1.1647	1.2628	1.2195
Au-200	0.5622	0.5730	0.6123	0.5751	0.5480	0.5653	0.6501	0.5785
Au-200m	7.4380	7.5835	7.9643	7.6652	7.2066	7.3957	8.3649	7.5565
Au-201	0.1642	0.1647	0.1717	0.1757	0.1471	0.1508	0.1687	0.1761
Au-202	0.3530	0.3604	0.3810	0.3660	0.3447	0.3572	0.4022	0.3598
Ba-124	1.7802	1.8089	1.8317	1.8175	1.6976	1.7457	1.8424	1.7435
Ba-126	2.2692	2.3063	2.3579	2.3276	2.1763	2.2414	2.4215	2.2677
Ba-127	0.9726	0.9942	0.9905	0.9797	0.9240	0.9505	0.9782	0.9422
Ba-128	0.8736	0.8797	0.8694	0.8805	0.8122	0.8381	0.8455	0.8512
Ba-129	1.0272	1.0464	1.0368	1.0398	0.9657	0.9952	1.0224	0.9938
Ba-129m	4.6401	4.7372	4.8940	4.7792	4.4747	4.6175	5.0438	4.5957
Ba-131	2.8498	2.9235	2.9736	2.8988	2.7329	2.8132	3.0121	2.8159
Ba-131m	1.3642	1.4129	1.4034	1.3556	1.2973	1.3319	1.3361	1.3624
Ba-133	3.0962	3.1397	3.2428	3.1242	2.9573	3.0360	3.2495	3.0996
Ba-133m	0.8279	0.8304	0.8298	0.8538	0.7500	0.7751	0.7993	0.8363
Ba-135m	0.7211	0.7277	0.7194	0.7294	0.6732	0.6968	0.7083	0.7067
Ba-137m	1.4214	1.4515	1.5041	1.4628	1.3908	1.4278	1.6391	1.4737
Ba-139	0.4702	0.4784	0.4875	0.4822	0.4561	0.4618	0.5018	0.4487
Ba-140	0.8393	0.8457	0.8835	0.8852	0.7740	0.7929	0.8844	0.8722
Ba-141	3.0571	3.1266	3.3131	3.1352	2.9812	3.0498	3.4735	3.0638
Ba-142	2.5903	2.6399	2.7548	2.6866	2.5245	2.6076	2.8716	2.6482
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.1525	0.1558	0.1666	0.1588	0.1488	0.1534	0.1754	0.1544
Bi-197	3.7026	3.7530	3.9067	3.8662	3.5126	3.6315	3.9243	3.8591
Bi-200	7.4348	7.5608	7.9140	7.7562	7.1469	7.3696	8.1207	7.6539
Bi-201	3.7707	3.8279	3.9746	3.9118	3.5860	3.7149	4.0055	3.9076
Bi-202	6.9076	7.0305	7.3454	7.1975	6.6568	6.8736	7.5645	7.1204
Bi-203	4.6632	4.7479	4.9233	4.7916	4.4574	4.6322	5.0187	4.7930
Bi-204	6.9574	7.0754	7.4129	7.2555	6.6884	6.9237	7.5546	7.1613
Bi-205	3.5192	3.5766	3.7121	3.6377	3.3378	3.4559	3.7667	3.6631

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Bi-206	8.0531	8.1951	8.5608	8.3297	7.7439	8.0249	8.7633	8.2177
Bi-207	4.0551	4.1159	4.3057	4.2632	3.8725	3.9788	4.3896	4.2586
Bi-208	2.2333	2.2911	2.3375	2.2409	2.1057	2.1885	2.3871	2.3190
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.5807	1.6009	1.7075	1.6178	1.5228	1.5519	1.7884	1.6610
Bi-211	0.2454	0.2494	0.2704	0.2497	0.2362	0.2415	0.2777	0.2524
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	0.2574	0.2571	0.2687	0.2764	0.2265	0.2355	0.2624	0.2754
Bi-213	0.4797	0.4891	0.5141	0.4937	0.4632	0.4784	0.5364	0.4852
Bi-214	2.0229	2.0736	2.1777	2.0709	1.9827	2.0567	2.3409	2.0888
Bi-215	1.1599	1.1744	1.2550	1.1949	1.1109	1.1335	1.2865	1.2181
Bi-216	2.2140	2.2612	2.3915	2.2952	2.1573	2.2181	2.5440	2.2660
Bk-245	3.1911	3.2670	3.3721	3.2483	2.9436	3.0044	3.2277	3.3037
Bk-246	3.2026	3.2401	3.3898	3.3216	2.9300	3.0245	3.2635	3.2922
Bk-247	1.6916	1.7270	1.7791	1.7140	1.6144	1.6455	1.7604	1.7589
Bk-248m	0.6557	0.6629	0.6944	0.6790	0.5829	0.5939	0.6423	0.6844
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	1.6214	1.6394	1.7563	1.7600	1.5431	1.5990	1.7377	1.6950
Bk-251	1.5842	1.6164	1.6710	1.6313	1.4278	1.4576	1.5610	1.6333
Br-72	2.9170	2.9790	3.1327	3.0188	2.8437	2.9688	3.2805	2.9691
Br-73	1.6677	1.7060	1.7688	1.6930	1.6095	1.6623	1.7971	1.6840
Br-74	3.2689	3.3618	3.4979	3.3349	3.1939	3.3072	3.8135	3.3852
Br-74m	4.0846	4.1843	4.3643	4.1841	3.9907	4.1270	4.7432	4.2375
Br-75	2.1871	2.2156	2.3839	2.2565	2.0878	2.1300	2.4809	2.2929
Br-76	2.9486	3.0084	3.1667	3.0546	2.8212	2.9171	3.3600	3.0804
Br-76m	1.1659	1.1433	1.1724	1.2455	0.9369	0.9603	1.0412	1.2068
Br-77	1.6111	1.6044	1.6927	1.7458	1.4165	1.4467	1.6764	1.7402
Br-77m	0.5387	0.5249	0.5551	0.6002	0.4141	0.4168	0.4840	0.6016
Br-78	0.2408	0.2431	0.2548	0.2553	0.2243	0.2288	0.2695	0.2590
Br-80	0.1515	0.1524	0.1597	0.1616	0.1391	0.1419	0.1670	0.1639
Br-80m	0.9228	0.8887	0.9207	1.0312	0.6841	0.6994	0.7874	1.0013
Br-82m	0.3352	0.3093	0.3371	0.4047	0.2092	0.2083	0.2722	0.3980
Br-82	4.9853	5.0914	5.3430	5.1523	4.8859	5.0678	5.6950	5.0925
Br-83	0.0191	0.0195	0.0209	0.0200	0.0187	0.0191	0.0221	0.0197
Br-84m	4.5228	4.6286	4.8795	4.6422	4.4301	4.6401	5.1339	4.5425
Br-84	1.6521	1.6988	1.7749	1.6865	1.6214	1.7000	1.8875	1.6779
Br-85	0.1107	0.1131	0.1184	0.1146	0.1084	0.1136	0.1232	0.1111
C-10	1.5165	1.5484	1.6075	1.5549	1.4866	1.5430	1.7292	1.5405
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	0.0418	0.0390	0.0395	0.0527	0.0236	0.0246	0.0263	0.0561
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	1.3319	1.3575	1.4380	1.3705	1.3063	1.3545	1.5555	1.3890

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Ca-49	1.3975	1.4485	1.5175	1.4152	1.3804	1.4523	1.6873	1.4437
Cd-101	3.0192	3.0947	3.2363	3.0324	2.9246	3.0170	3.3070	3.0711
Cd-102	2.4055	2.4410	2.5799	2.4699	2.2905	2.3465	2.6154	2.4390
Cd-103	2.3336	2.3750	2.4920	2.3520	2.2283	2.3105	2.5717	2.3717
Cd-104	1.8355	1.8424	1.9002	1.8422	1.7147	1.7404	1.8455	1.8776
Cd-105	1.6004	1.6218	1.7115	1.6163	1.5188	1.5679	1.7551	1.6324
Cd-107	0.8440	0.8233	0.8648	0.8405	0.7248	0.7248	0.7722	0.8568
Cd-109	0.7785	0.7578	0.7962	0.7763	0.6655	0.6653	0.7092	0.7914
Cd-111m	2.3270	2.3582	2.4191	2.3722	2.2361	2.2772	2.5491	2.3697
Cd-113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0007	0.0007	0.0008	0.0007	0.0007	0.0007	0.0008	0.0008
Cd-115	0.5925	0.6042	0.6441	0.6178	0.5765	0.5909	0.6780	0.6078
Cd-115m	0.0513	0.0524	0.0555	0.0541	0.0503	0.0523	0.0579	0.0529
Cd-117	2.0896	2.1313	2.2697	2.1365	2.0406	2.1110	2.3933	2.1464
Cd-117m	2.4273	2.4927	2.6201	2.4824	2.3796	2.4744	2.7966	2.4965
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	2.5182	2.5824	2.7538	2.5474	2.4618	2.5514	2.9021	2.5769
Cd-119m	2.8596	2.9348	3.0843	2.9276	2.8030	2.9165	3.2759	2.9341
Ce-130	2.8254	2.9096	2.9262	2.8503	2.7114	2.7989	2.9415	2.7823
Ce-131	3.3059	3.3770	3.4782	3.3792	3.1824	3.2899	3.5896	3.3061
Ce-132	2.7559	2.8182	2.8533	2.8126	2.6486	2.7036	2.8907	2.6211
Ce-133	2.1623	2.2161	2.1908	2.1493	2.0619	2.1261	2.0975	2.1205
Ce-133m	4.5480	4.6596	4.7936	4.6164	4.3995	4.5649	4.9182	4.5263
Ce-134	0.6779	0.6879	0.6555	0.6754	0.6237	0.6525	0.6107	0.6367
Ce-135	3.3664	3.4285	3.5503	3.4379	3.2449	3.3409	3.6828	3.3993
Ce-137	0.7760	0.7822	0.7516	0.7915	0.6919	0.7237	0.6871	0.7566
Ce-137m	0.7093	0.7226	0.7042	0.7092	0.6627	0.6913	0.6848	0.6881
Ce-139	2.1336	2.1684	2.1690	2.1729	2.0371	2.0802	2.1734	2.0283
Ce-141	1.0041	1.0379	1.0369	1.0090	0.9733	0.9956	1.0524	0.9748
Ce-143	1.7338	1.7710	1.8294	1.7350	1.6651	1.7178	1.8471	1.7239
Ce-144	0.2953	0.3087	0.3033	0.2923	0.2850	0.2945	0.3016	0.2893
Ce-145	2.7720	2.8375	2.8854	2.7949	2.6730	2.7801	2.9457	2.7360
Cf-244	0.0938	0.0884	0.0980	0.1046	0.0679	0.0687	0.0786	0.1030
Cf-246	0.0646	0.0609	0.0675	0.0720	0.0469	0.0474	0.0542	0.0709
Cf-247	2.0502	2.0651	2.1600	2.1374	1.7795	1.8146	1.9529	2.1549
Cf-248	0.0777	0.0732	0.0811	0.0864	0.0566	0.0572	0.0653	0.0851
Cf-249	1.6238	1.6453	1.7542	1.6609	1.5282	1.5735	1.7905	1.6490
Cf-250	0.0751	0.0721	0.0790	0.0821	0.0586	0.0596	0.0678	0.0810
Cf-251	1.8498	1.8811	1.9534	1.9051	1.6846	1.7132	1.8537	1.8911
Cf-252	0.8012	0.8168	0.8607	0.8242	0.7692	0.7950	0.8942	0.8177
Cf-253	0.2087	0.1981	0.2170	0.2316	0.1538	0.1563	0.1721	0.2299
Cf-254	27.3031	28.0032	29.3994	27.9004	26.7222	27.6566	31.0729	27.7000
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Cl-34	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34m	1.7206	1.7815	1.8273	1.7164	1.6852	1.7417	1.9610	1.7336
Cl-36	0.0003	0.0003	0.0003	0.0004	0.0002	0.0002	0.0002	0.0004
Cl-38	1.0746	1.1177	1.1623	1.0446	1.0557	1.1159	1.2566	1.0797
Cl-39	2.2329	2.2765	2.3901	2.2840	2.1877	2.2722	2.5811	2.3187
Cl-40	2.8408	2.9333	3.0754	2.8481	2.7966	2.9417	3.3138	2.8900
Cm-238	1.5024	1.5396	1.5933	1.5272	1.3735	1.3982	1.4788	1.5534
Cm-239	3.4350	3.5251	3.6388	3.5187	3.2267	3.2737	3.5473	3.4121
Cm-240	0.1055	0.0990	0.1107	0.1194	0.0749	0.0757	0.0883	0.1165
Cm-241	3.5549	3.5997	3.7911	3.7011	3.2280	3.2995	3.6308	3.6823
Cm-242	0.0947	0.0888	0.0993	0.1071	0.0672	0.0679	0.0792	0.1046
Cm-243	1.8017	1.8195	1.9099	1.8732	1.6150	1.6418	1.7955	1.8865
Cm-244	0.0813	0.0762	0.0853	0.0920	0.0577	0.0582	0.0680	0.0898
Cm-245	1.9266	1.9597	2.0406	1.9798	1.7426	1.7697	1.8891	1.9904
Cm-246	0.0707	0.0668	0.0743	0.0793	0.0517	0.0524	0.0609	0.0775
Cm-247	1.2475	1.2762	1.3351	1.2618	1.2114	1.2569	1.4159	1.2385
Cm-248	2.1891	2.2399	2.3555	2.2438	2.1262	2.1994	2.4731	2.2264
Cm-249	0.1308	0.1275	0.1314	0.1509	0.0983	0.1013	0.1131	0.1571
Cm-250	21.5455	22.0977	23.2000	22.0158	21.0843	21.8224	24.5161	21.8592
Cm-251	0.4589	0.4680	0.4934	0.4760	0.4333	0.4441	0.4978	0.4734
Co-54m	4.4576	4.5559	4.8188	4.5971	4.3673	4.5494	5.1192	4.5548
Co-55	2.0203	2.0596	2.1808	2.1310	1.9642	2.0470	2.2504	2.0766
Co-56	3.9472	4.0298	4.2216	4.0833	3.8169	3.9877	4.4448	4.0762
Co-57	2.0130	2.0929	2.0915	2.0754	1.8291	1.8825	1.9976	2.1255
Co-58	1.6771	1.6984	1.7589	1.7492	1.5830	1.6659	1.7897	1.7042
Co-58m	0.1675	0.1563	0.1585	0.2114	0.0946	0.0985	0.1056	0.2250
Co-60	3.0633	3.1226	3.3158	3.1808	3.0067	3.1188	3.5579	3.2087
Co-60m	0.2118	0.2004	0.2027	0.2587	0.1313	0.1366	0.1441	0.2732
Co-61	1.1708	1.2017	1.1974	1.1411	1.1470	1.1827	1.1647	1.1510
Co-62	1.7665	1.8066	1.9088	1.8334	1.7341	1.7975	2.0410	1.8475
Co-62m	3.1462	3.2158	3.4021	3.2668	3.0869	3.2011	3.6403	3.2895
Cr-48	3.3454	3.4556	3.6757	3.3622	3.2322	3.2879	3.6789	3.4684
Cr-49	1.5509	1.5959	1.6148	1.5436	1.5201	1.5462	1.5968	1.5465
Cr-51	0.2559	0.2520	0.2756	0.2833	0.2101	0.2141	0.2511	0.2957
Cr-55	0.0007	0.0007	0.0007	0.0007	0.0006	0.0007	0.0007	0.0007
Cr-56	1.7601	1.7866	1.7946	1.7750	1.6810	1.7086	1.7247	1.8349
Cs-121	1.1655	1.1882	1.2273	1.1927	1.1301	1.1560	1.2740	1.1572
Cs-121m	2.1907	2.2407	2.3203	2.2522	2.1235	2.1680	2.4019	2.1346
Cs-123	1.5797	1.6128	1.6563	1.5962	1.5241	1.5611	1.6721	1.5967
Cs-124	0.6109	0.6228	0.6679	0.6201	0.5924	0.6102	0.6945	0.6182
Cs-125	1.2872	1.3125	1.3469	1.3103	1.2326	1.2689	1.3675	1.2867
Cs-126	1.0003	1.0208	1.0664	1.0164	0.9685	1.0049	1.1153	0.9932
Cs-127	2.0505	2.0925	2.1327	2.0692	1.9607	2.0276	2.1788	2.0182

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Cs-128	0.6777	0.6892	0.7113	0.6922	0.6492	0.6713	0.7298	0.6716
Cs-129	1.8120	1.8349	1.8682	1.8242	1.7125	1.7667	1.8694	1.7737
Cs-130m	1.4732	1.4906	1.4598	1.4852	1.3816	1.4219	1.3958	1.4575
Cs-130	0.4173	0.4198	0.4137	0.4204	0.3859	0.3978	0.3965	0.4039
Cs-131	0.5904	0.5910	0.5705	0.5905	0.5372	0.5536	0.5290	0.5628
Cs-132	2.1423	2.1767	2.2211	2.1889	2.0602	2.1182	2.3333	2.1736
Cs-134	3.3674	3.4385	3.5901	3.4660	3.2990	3.4171	3.8508	3.4299
Cs-134m	0.5596	0.5694	0.5566	0.5790	0.4962	0.5134	0.5170	0.5740
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	3.0157	3.0758	3.1934	3.0949	2.9511	3.1025	3.3370	2.9846
Cs-136	4.5513	4.6389	4.9009	4.7246	4.4488	4.6090	5.0835	4.6146
Cs-137	1.6978	1.7620	1.7871	1.6787	1.6629	1.7459	1.8638	1.6897
Cs-138m	1.2823	1.3081	1.3415	1.3103	1.2259	1.2663	1.3613	1.2564
Cs-138	2.9467	3.0234	3.1953	3.0232	2.8902	3.0174	3.3756	3.0015
Cs-139	0.3040	0.3121	0.3277	0.3078	0.2984	0.3106	0.3552	0.3140
Cs-140	2.0084	2.0646	2.1615	2.0464	1.9717	2.0445	2.3384	2.0721
Cu-57	0.1572	0.1604	0.1701	0.1663	0.1542	0.1600	0.1784	0.1639
Cu-59	0.7591	0.7741	0.8248	0.7825	0.7412	0.7688	0.8711	0.7785
Cu-60	3.0032	3.0817	3.2437	3.0463	2.9402	3.0785	3.4819	3.0818
Cu-61	0.6571	0.6621	0.6959	0.6937	0.6059	0.6221	0.7064	0.7082
Cu-62	0.0141	0.0139	0.0145	0.0158	0.0117	0.0122	0.0135	0.0161
Cu-64	0.1074	0.1008	0.1026	0.1338	0.0636	0.0662	0.0715	0.1421
Cu-66	0.1488	0.1517	0.1620	0.1608	0.1461	0.1516	0.1655	0.1551
Cu-67	1.2932	1.3286	1.3637	1.3286	1.2476	1.2625	1.3704	1.2628
Cu-69	0.8897	0.9081	0.9622	0.9413	0.8726	0.9071	0.9988	0.9139
Dy-148	2.3845	2.4420	2.4855	2.4096	2.2991	2.3665	2.5927	2.4048
Dy-149	3.7419	3.8451	3.9187	3.7415	3.6104	3.7597	3.9622	3.6998
Dy-150	1.5115	1.5496	1.5729	1.5009	1.4496	1.5118	1.6072	1.4573
Dy-151	3.5603	3.6389	3.7549	3.6258	3.4152	3.5472	3.8228	3.5450
Dy-152	2.4362	2.4811	2.5131	2.4435	2.3365	2.4099	2.6040	2.4570
Dy-153	4.2794	4.3891	4.4380	4.2727	4.0986	4.2443	4.4217	4.1906
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	3.0842	3.1624	3.2124	3.1174	2.9685	3.0627	3.2673	3.0130
Dy-157	2.4881	2.5393	2.7068	2.4805	2.3827	2.4428	2.7005	2.4817
Dy-159	1.0877	1.1175	1.0842	1.0520	1.0147	1.0609	1.0122	1.0148
Dy-165m	0.2802	0.2806	0.2818	0.2991	0.2341	0.2423	0.2483	0.3030
Dy-165	0.2233	0.2290	0.2307	0.2205	0.2134	0.2198	0.2251	0.2189
Dy-166	0.9046	0.9200	0.9073	0.8995	0.8365	0.8655	0.8502	0.8884
Dy-167	2.2925	2.3357	2.4544	2.3392	2.2192	2.2727	2.5725	2.3533
Dy-168	2.1155	2.1690	2.2301	2.1591	2.0344	2.0872	2.2816	2.0647
Er-154	1.2003	1.2143	1.1925	1.1870	1.0880	1.1247	1.0967	1.1596
Er-156	1.5460	1.5605	1.5310	1.5722	1.3633	1.4179	1.3885	1.5395
Er-159	2.9595	3.0274	3.0940	2.9902	2.8467	2.9330	3.1886	2.9473



<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Er-161	3.0853	3.1509	3.2141	3.1212	2.9541	3.0725	3.2298	3.0220
Er-163	0.9420	0.9623	0.9400	0.9149	0.8769	0.9118	0.8807	0.8823
Er-165	0.9085	0.9277	0.9061	0.8834	0.8441	0.8777	0.8477	0.8523
Er-167m	1.0159	1.0429	1.0635	1.0455	0.9649	0.9827	1.0706	0.9720
Er-169	0.0049	0.0045	0.0046	0.0061	0.0028	0.0029	0.0031	0.0065
Er-171	2.7488	2.8127	2.9925	2.7594	2.6417	2.6949	3.0123	2.8019
Er-172	2.3544	2.4049	2.4580	2.3681	2.2602	2.3318	2.5275	2.3318
Er-173	4.2853	4.4242	4.5145	4.3666	4.1440	4.2528	4.5515	4.1393
Es-249	2.8386	2.9072	3.0215	2.8908	2.6435	2.7148	2.9508	2.8973
Es-250	7.5372	7.6094	8.0007	7.8081	6.7970	6.9757	7.5944	7.7929
Es-250m	2.4477	2.5033	2.6027	2.5279	2.2683	2.3301	2.5021	2.5265
Es-251	1.9286	1.9557	2.0352	2.0013	1.7023	1.7384	1.8639	2.0094
Es-253	0.0264	0.0251	0.0275	0.0293	0.0195	0.0198	0.0222	0.0290
Es-254	0.9079	0.8583	0.9393	1.0278	0.6480	0.6589	0.7396	1.0220
Es-254m	1.3972	1.4074	1.4781	1.4557	1.3015	1.3341	1.5187	1.4611
Es-255	0.0011	0.0011	0.0012	0.0011	0.0011	0.0011	0.0013	0.0011
Es-256	0.1273	0.1212	0.1323	0.1387	0.0964	0.0975	0.1070	0.1379
Eu-142	0.3630	0.3734	0.3836	0.3631	0.3533	0.3717	0.4001	0.3594
Eu-142m	5.1493	5.2533	5.5264	5.4032	5.0112	5.1995	5.7578	5.2826
Eu-143	0.6267	0.6478	0.6588	0.6241	0.6047	0.6352	0.6649	0.6195
Eu-144	0.2797	0.2896	0.2949	0.2746	0.2701	0.2869	0.2978	0.2716
Eu-145	2.5928	2.6685	2.7245	2.6214	2.5060	2.6283	2.7619	2.5656
Eu-146	4.8979	5.0213	5.1696	4.9758	4.7687	4.9566	5.4615	4.9509
Eu-147	2.5280	2.6236	2.6237	2.5282	2.4302	2.5239	2.6054	2.4451
Eu-148	5.6775	5.8167	6.0536	5.8306	5.5267	5.7057	6.3905	5.7922
Eu-149	1.0016	1.0305	1.0127	0.9899	0.9209	0.9668	0.9445	0.9750
Eu-150	5.2678	5.3891	5.7064	5.3573	5.1083	5.2701	5.9200	5.3217
Eu-150m	0.2084	0.2142	0.2213	0.2075	0.1998	0.2077	0.2220	0.2051
Eu-152	3.2858	3.3873	3.4885	3.3264	3.1807	3.3082	3.5421	3.2944
Eu-152m	0.8739	0.9016	0.9175	0.8867	0.8437	0.8823	0.9153	0.8649
Eu-152n	1.4479	1.4821	1.4897	1.4643	1.3570	1.3895	1.3937	1.5072
Eu-154	2.9234	3.0154	3.1033	2.9908	2.8475	2.9520	3.2104	2.9761
Eu-154m	1.5017	1.5327	1.5225	1.5147	1.3746	1.4193	1.3976	1.5340
Eu-155	1.1004	1.1382	1.1388	1.0849	1.0625	1.0894	1.0890	1.1062
Eu-156	1.7681	1.8125	1.8837	1.8039	1.7216	1.7875	1.9822	1.8136
Eu-157	1.9128	1.9585	1.9833	1.9052	1.8143	1.8843	1.9627	1.8763
Eu-158	2.3244	2.3734	2.4755	2.4291	2.2565	2.3469	2.5328	2.3775
Eu-159	2.1347	2.1937	2.1832	2.1086	2.0432	2.1191	2.1312	2.0774
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	1.8360	1.8662	1.9142	1.9045	1.7648	1.7816	1.9647	1.7738
Fe-53	0.6582	0.6723	0.7170	0.6657	0.6397	0.6613	0.7583	0.6597
Fe-53m	4.3982	4.4935	4.7360	4.5830	4.3169	4.4812	5.0243	4.5495

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Fe-55	0.1388	0.1295	0.1313	0.1752	0.0783	0.0816	0.0875	0.1865
Fe-59	1.6208	1.6525	1.7547	1.7027	1.5905	1.6457	1.8595	1.6926
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	2.1698	2.2177	2.3651	2.2635	2.1265	2.1981	2.4790	2.2561
Fe-62	1.4587	1.4900	1.6032	1.5321	1.4246	1.4629	1.6826	1.4924
Fm-251	1.8859	1.9307	1.9853	1.9388	1.7081	1.7503	1.8690	1.9570
Fm-252	0.0674	0.0639	0.0704	0.0741	0.0503	0.0509	0.0568	0.0733
Fm-253	1.4458	1.4457	1.5210	1.5210	1.2332	1.2586	1.3581	1.5267
Fm-254	0.0791	0.0759	0.0830	0.0861	0.0616	0.0625	0.0699	0.0852
Fm-255	0.7378	0.6985	0.7710	0.8263	0.5381	0.5464	0.6109	0.8165
Fm-256	20.3092	20.8267	21.8668	20.7601	19.8723	20.5646	23.1102	20.6067
Fm-257	1.9750	2.0018	2.0796	2.0413	1.7730	1.8087	1.9559	2.0392
Fr-212	3.4828	3.5266	3.6764	3.6350	3.2680	3.3440	3.7135	3.6404
Fr-219	0.0180	0.0183	0.0196	0.0185	0.0173	0.0176	0.0201	0.0184
Fr-220	0.2248	0.2219	0.2308	0.2429	0.1900	0.1929	0.2096	0.2439
Fr-221	0.2730	0.2790	0.2878	0.2833	0.2607	0.2647	0.2949	0.2710
Fr-222	1.6420	1.6717	1.7439	1.7244	1.5149	1.5372	1.7147	1.6356
Fr-223	1.0315	1.0313	1.0584	1.0588	0.9194	0.9412	0.9868	1.0315
Fr-224	1.8457	1.8887	1.9630	1.9077	1.7544	1.8025	1.9994	1.8556
Fr-227	2.7811	2.8367	2.9401	2.8429	2.6423	2.6966	2.9093	2.8612
Ga-64	2.1933	2.2526	2.3692	2.2675	2.1516	2.2523	2.5004	2.2498
Ga-65	1.7231	1.7831	1.7993	1.7464	1.6265	1.6721	1.7579	1.7637
Ga-66	1.5559	1.5897	1.6624	1.6323	1.4729	1.5398	1.7144	1.6433
Ga-67	1.8296	1.8445	1.9094	1.9461	1.6233	1.6532	1.7893	1.9707
Ga-68	0.0899	0.0888	0.0929	0.1026	0.0741	0.0770	0.0845	0.1041
Ga-70	0.0169	0.0171	0.0180	0.0182	0.0160	0.0164	0.0180	0.0175
Ga-72	3.3580	3.4469	3.5861	3.4141	3.2931	3.4433	3.8081	3.3918
Ga-73	2.1959	2.1934	2.3724	2.3370	1.9540	1.9933	2.3108	2.4078
Ga-74	3.6781	3.7833	3.9557	3.7360	3.6103	3.7375	4.2836	3.7934
Gd-142	1.4976	1.5367	1.5818	1.5123	1.4470	1.4968	1.6252	1.4862
Gd-143m	4.0246	4.1203	4.2648	4.0696	3.8974	4.0387	4.4284	4.0715
Gd-144	0.9470	0.9770	0.9889	0.9333	0.9071	0.9469	0.9919	0.9292
Gd-145m	1.6183	1.6452	1.7024	1.6675	1.5432	1.6016	1.7735	1.6579
Gd-145	2.3189	2.3991	2.4637	2.2900	2.2499	2.3702	2.5617	2.3014
Gd-146	4.1802	4.3510	4.2907	4.0974	4.0085	4.1488	4.1649	4.0341
Gd-147	4.8061	4.9251	5.0771	4.8901	4.6561	4.8237	5.2467	4.7705
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	3.3783	3.4661	3.5551	3.3833	3.2490	3.3514	3.5812	3.3208
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	1.2322	1.2628	1.2398	1.2263	1.1339	1.1830	1.1681	1.1964
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	2.1048	2.1864	2.1530	2.0397	2.0075	2.0840	2.0207	2.0312
Gd-159	0.4243	0.4347	0.4438	0.4182	0.4048	0.4196	0.4396	0.4101

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Gd-162	1.5475	1.5808	1.6579	1.5825	1.4923	1.5486	1.7433	1.5479
Ge-66	2.5124	2.5448	2.6365	2.6193	2.2956	2.3647	2.5916	2.6181
Ge-67	1.9692	2.0053	2.0691	2.0331	1.9106	1.9446	2.1434	1.9161
Ge-68	0.3412	0.3183	0.3231	0.4305	0.1927	0.2007	0.2158	0.4579
Ge-69	1.3885	1.3933	1.4674	1.5163	1.2507	1.2962	1.4470	1.5215
Ge-71	0.3461	0.3229	0.3277	0.4367	0.1955	0.2035	0.2188	0.4644
Ge-75	0.2156	0.2191	0.2298	0.2206	0.2099	0.2143	0.2469	0.2233
Ge-77	3.7141	3.7984	3.9764	3.8209	3.6237	3.7157	4.2293	3.7403
Ge-78	1.6194	1.6420	1.7642	1.6523	1.5762	1.6054	1.8807	1.6993
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	1.7834	1.8127	1.9439	1.7897	1.7007	1.7339	1.9310	1.8025
Hf-169	2.5372	2.5896	2.6791	2.5775	2.4215	2.4972	2.6801	2.5251
Hf-170	3.4228	3.4926	3.5370	3.4636	3.2220	3.3067	3.4850	3.4148
Hf-172	2.3980	2.4313	2.4126	2.4141	2.1621	2.2310	2.2229	2.4157
Hf-173	4.2286	4.3772	4.4432	4.2028	4.0520	4.1635	4.4105	4.2206
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	2.6532	2.6987	2.8330	2.6540	2.5179	2.5850	2.8063	2.6526
Hf-177m	15.7570	16.0976	16.8999	16.0236	15.1300	15.4408	17.2668	15.8804
Hf-178m	11.3927	11.6400	12.2205	11.6990	10.9715	11.2193	12.5626	11.5353
Hf-179m	6.3329	6.4758	6.6844	6.4397	6.0332	6.1924	6.7565	6.3295
Hf-180m	5.7912	5.9167	6.2297	5.8984	5.5671	5.6980	6.3485	5.7909
Hf-181	2.7965	2.8782	2.9802	2.8565	2.6832	2.7605	3.0278	2.8282
Hf-182	1.6767	1.7018	1.7827	1.7066	1.6188	1.6534	1.8730	1.7370
Hf-182m	4.8226	4.9243	5.1069	4.9166	4.6041	4.7294	5.1330	4.8440
Hf-183	2.5100	2.5620	2.6291	2.5360	2.4369	2.5328	2.6865	2.5012
Hf-184	2.6129	2.6459	2.7110	2.7407	2.3308	2.3922	2.5811	2.7426
Hg-190	3.1882	3.2454	3.2671	3.2759	2.9563	3.0239	3.1663	3.2772
Hg-191m	5.5645	5.6432	5.8476	5.7415	5.2792	5.4332	5.9886	5.7943
Hg-192	3.1542	3.1817	3.2686	3.2573	2.9118	2.9779	3.1910	3.3137
Hg-193	3.2509	3.2919	3.3808	3.3660	3.0315	3.1247	3.3362	3.3600
Hg-193m	3.2440	3.2956	3.4151	3.3431	3.0786	3.1785	3.4566	3.3445
Hg-194	0.2014	0.1871	0.1950	0.2505	0.1176	0.1205	0.1395	0.2596
Hg-195	1.8711	1.8772	1.9024	1.9558	1.6743	1.7210	1.7838	1.9814
Hg-195m	2.0141	2.0002	2.0575	2.1644	1.7347	1.7784	1.9380	2.2101
Hg-197	1.6698	1.6712	1.6825	1.7486	1.4822	1.5199	1.5488	1.7902
Hg-197m	1.6257	1.6451	1.6637	1.7080	1.4431	1.4788	1.5699	1.7357
Hg-199m	2.2862	2.2999	2.3493	2.3767	2.1139	2.1524	2.2996	2.3434
Hg-203	1.5470	1.5664	1.6710	1.5822	1.4907	1.5189	1.7496	1.6261
Hg-205	0.0520	0.0534	0.0549	0.0538	0.0499	0.0506	0.0558	0.0500
Hg-206	0.7226	0.7319	0.7984	0.7387	0.6930	0.7035	0.8146	0.7590
Hg-207	4.1750	4.2718	4.5578	4.2885	4.0613	4.2248	4.7087	4.2741
Ho-150	2.2569	2.3040	2.3867	2.3113	2.2025	2.2994	2.5035	2.2538
Ho-153	2.6228	2.6749	2.8124	2.6458	2.5314	2.6002	2.8760	2.6506

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Ho-153m	3.0221	3.0958	3.1733	3.0459	2.9100	2.9950	3.2218	2.9945
Ho-154m	6.6276	6.7652	7.2010	6.7662	6.4387	6.6382	7.5126	6.6850
Ho-154	3.4562	3.5270	3.7829	3.5216	3.3573	3.4564	3.9203	3.5115
Ho-155	2.4122	2.4712	2.5028	2.4185	2.2919	2.3667	2.4907	2.3658
Ho-156	4.7409	4.8649	5.0048	4.7872	4.5916	4.7450	5.1860	4.7724
Ho-157	3.6396	3.7215	3.7906	3.6341	3.4690	3.5780	3.7665	3.5582
Ho-159	4.0590	4.1916	4.1991	4.0142	3.8814	4.0054	4.1425	3.9576
Ho-160	4.7539	4.8597	4.9957	4.8773	4.5884	4.7572	5.0807	4.7433
Ho-161	1.3754	1.3982	1.3752	1.3565	1.2571	1.3002	1.2700	1.3322
Ho-162	1.2804	1.3082	1.2860	1.2598	1.1928	1.2407	1.2162	1.2309
Ho-162m	2.6767	2.7264	2.7674	2.7253	2.5131	2.5923	2.7242	2.6503
Ho-163	0.0056	0.0052	0.0053	0.0070	0.0031	0.0033	0.0035	0.0075
Ho-164	0.7014	0.7170	0.7008	0.6866	0.6498	0.6760	0.6531	0.6684
Ho-164m	1.2551	1.2666	1.2419	1.2733	1.1010	1.1461	1.1151	1.2525
Ho-166	0.2844	0.2868	0.2859	0.2917	0.2570	0.2653	0.2663	0.2940
Ho-166m	5.5195	5.6343	5.8379	5.6588	5.3440	5.5055	6.0653	5.4844
Ho-167	2.0280	2.0653	2.2275	2.0514	1.9561	1.9992	2.2839	2.0535
Ho-168	2.0871	2.1274	2.1934	2.1397	2.0160	2.0999	2.2692	2.0871
Ho-168m	0.2316	0.2294	0.2268	0.2484	0.1858	0.1933	0.1917	0.2498
Ho-170	4.7999	4.8937	5.0712	4.9721	4.6391	4.7945	5.1819	4.8514
I-118m	6.3232	6.4532	6.7861	6.5620	6.1893	6.3523	7.3026	6.5724
I-118	2.1569	2.2038	2.3162	2.2284	2.1109	2.1686	2.5009	2.2418
I-119	2.0363	2.0607	2.1297	2.0748	1.9624	2.0083	2.2567	2.1063
I-120	2.5742	2.6384	2.7653	2.6258	2.5117	2.6006	2.9498	2.6382
I-120m	5.4222	5.5412	5.8250	5.6073	5.3032	5.4472	6.2765	5.6321
I-121	2.2773	2.3279	2.3846	2.3327	2.1844	2.2184	2.4343	2.1976
I-122	0.4700	0.4773	0.4950	0.4818	0.4508	0.4620	0.5137	0.4784
I-123	2.1649	2.1825	2.2113	2.2043	2.0622	2.0844	2.2222	2.0939
I-124	1.9090	1.9430	2.0108	1.9455	1.8387	1.8910	2.1117	1.9502
I-125	1.0986	1.0947	1.0759	1.0922	0.9919	1.0094	0.9891	1.0683
I-126	1.4405	1.4645	1.5158	1.4630	1.3862	1.4277	1.5876	1.4490
I-128	0.2485	0.2531	0.2649	0.2546	0.2396	0.2472	0.2753	0.2481
I-129	0.6305	0.6347	0.6114	0.6259	0.5783	0.5980	0.5685	0.5965
I-130m	0.4155	0.4195	0.4339	0.4327	0.3875	0.3976	0.4351	0.4265
I-130	5.0093	5.1168	5.3686	5.1725	4.9047	5.0616	5.7640	5.1262
I-131	1.6403	1.6980	1.7213	1.6104	1.6078	1.6794	1.7463	1.6514
I-132	4.4958	4.5917	4.7970	4.6323	4.4063	4.5656	5.1420	4.5946
I-132m	1.2204	1.2357	1.2719	1.2571	1.1524	1.1814	1.2995	1.2434
I-133	1.5524	1.5855	1.6904	1.6229	1.5181	1.5600	1.7918	1.5962
I-134m	2.0925	2.1154	2.1838	2.1148	1.9974	2.0443	2.2402	2.1216
I-134	4.6466	4.7478	4.9782	4.8268	4.5524	4.7479	5.2113	4.7007
I-135	2.0376	2.0844	2.2069	2.1008	1.9985	2.0803	2.3467	2.1000
In-103	3.3449	3.4303	3.5765	3.4325	3.2664	3.3686	3.7675	3.3205

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
In-105	2.9209	3.0065	3.1020	2.9630	2.8378	2.9224	3.2449	2.9640
In-106	5.4457	5.5568	5.8454	5.7013	5.3279	5.5053	6.1667	5.6094
In-106m	2.4770	2.5421	2.6504	2.5195	2.4260	2.5061	2.8881	2.5677
In-107	2.6381	2.6968	2.8322	2.6893	2.5411	2.6032	2.9298	2.6194
In-108	7.0706	7.2023	7.5727	7.3318	6.8846	7.1113	7.9769	7.2822
In-108m	2.5403	2.6004	2.7123	2.5753	2.4670	2.5476	2.9255	2.6289
In-109	2.6823	2.7367	2.8463	2.7482	2.5660	2.6064	2.9016	2.6218
In-109m	1.4440	1.4746	1.5342	1.4882	1.4142	1.4466	1.6819	1.5104
In-110	6.4307	6.5434	6.8580	6.6897	6.2471	6.4574	7.1780	6.5950
In-110m	1.8938	1.9293	2.0067	1.9360	1.8356	1.8819	2.1589	1.9638
In-111	3.7318	3.7769	3.8859	3.8129	3.5737	3.6212	4.0302	3.7101
In-111m	1.3457	1.3725	1.4622	1.4041	1.3098	1.3410	1.5451	1.3865
In-112	0.2702	0.2681	0.2794	0.2721	0.2442	0.2459	0.2702	0.2768
In-112m	0.6225	0.6193	0.6339	0.6242	0.5677	0.5688	0.6029	0.6181
In-113m	1.1367	1.1561	1.2093	1.1438	1.0909	1.1270	1.2620	1.1269
In-114	0.0057	0.0057	0.0060	0.0058	0.0053	0.0054	0.0060	0.0059
In-114m	0.6351	0.6413	0.6616	0.6470	0.5923	0.5974	0.6522	0.6233
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	0.9637	0.9721	1.0655	0.9718	0.9149	0.9261	1.0723	0.9898
In-116m	3.2859	3.3594	3.5460	3.3873	3.2211	3.3468	3.7866	3.3919
In-117	3.0897	3.1416	3.2741	3.1957	3.0107	3.0577	3.4434	3.0844
In-117m	0.7361	0.7421	0.7965	0.7474	0.7027	0.7075	0.8035	0.7416
In-118m	4.1708	4.2539	4.4973	4.3696	4.0916	4.2306	4.7859	4.3469
In-118	0.1023	0.1043	0.1105	0.1062	0.1003	0.1037	0.1193	0.1074
In-119	1.6515	1.6789	1.7385	1.6858	1.5966	1.6672	1.8185	1.6527
In-119m	0.1759	0.1763	0.1880	0.1822	0.1632	0.1664	0.1858	0.1843
In-121	1.6909	1.7240	1.8188	1.7899	1.6574	1.7258	1.8778	1.7301
In-121m	0.5543	0.5604	0.5641	0.5398	0.5218	0.5315	0.5347	0.5402
Ir-180	4.0073	4.0944	4.2326	4.1069	3.8302	3.9454	4.3254	4.1257
Ir-182	3.8341	3.9240	4.0391	3.9192	3.6517	3.7632	4.0918	3.9438
Ir-183	3.8159	3.8829	3.9813	3.8869	3.5806	3.7028	3.9403	3.9117
Ir-184	5.7713	5.8909	6.0856	5.9101	5.5052	5.6857	6.1940	5.9378
Ir-185	3.4178	3.4604	3.5196	3.5118	3.1184	3.2239	3.3852	3.5566
Ir-186	5.5828	5.7001	5.9284	5.6904	5.3273	5.4888	6.0184	5.7178
Ir-186m	3.2284	3.2986	3.3894	3.2961	3.0766	3.1854	3.4255	3.2969
Ir-187	2.3124	2.3385	2.3730	2.3826	2.1146	2.1828	2.2538	2.3923
Ir-188	3.9921	4.0809	4.1872	4.0322	3.8048	3.9356	4.2802	4.0667
Ir-189	1.5425	1.5520	1.5555	1.5916	1.3697	1.4126	1.4269	1.6172
Ir-190	6.2414	6.3694	6.6338	6.4205	5.9918	6.1456	6.8384	6.3060
Ir-190m	0.1924	0.1793	0.1830	0.2421	0.1094	0.1135	0.1241	0.2561
Ir-190n	1.2549	1.2693	1.2663	1.2771	1.1318	1.1683	1.1634	1.2923
Ir-191m	1.5568	1.5787	1.5791	1.6211	1.3726	1.4141	1.4550	1.6542
Ir-192	3.6451	3.7067	4.0813	3.7309	3.5342	3.5949	4.2278	3.7806

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Ir-192m	0.2211	0.2056	0.2125	0.2761	0.1278	0.1315	0.1495	0.2883
Ir-192n	0.4684	0.4364	0.4510	0.5824	0.2747	0.2824	0.3204	0.6074
Ir-193m	0.1964	0.1835	0.1874	0.2452	0.1142	0.1183	0.1292	0.2588
Ir-194	0.3354	0.3409	0.3766	0.3425	0.3258	0.3317	0.3909	0.3490
Ir-194m	7.7101	7.8632	8.4465	7.9354	7.4934	7.6728	8.8856	7.9501
Ir-195	1.2403	1.2501	1.2594	1.2838	1.1093	1.1381	1.1574	1.3091
Ir-195m	2.2650	2.2992	2.3969	2.3279	2.1310	2.1849	2.4003	2.3340
Ir-196	0.6730	0.6861	0.7352	0.6857	0.6547	0.6766	0.7676	0.6807
Ir-196m	8.1907	8.3594	8.8448	8.4163	7.9298	8.1634	9.3091	8.3619
K-38	1.4321	1.4958	1.5328	1.3709	1.4048	1.4712	1.6960	1.4553
K-40	0.1620	0.1661	0.1764	0.1644	0.1581	0.1671	0.1857	0.1651
K-42	0.2751	0.2833	0.3017	0.2762	0.2707	0.2881	0.3161	0.2751
K-43	2.9841	3.0494	3.2265	3.0547	2.9173	2.9942	3.4725	3.0558
K-44	2.2698	2.3316	2.4505	2.3241	2.2289	2.3221	2.6231	2.3456
K-45	2.8239	2.9036	3.0184	2.8605	2.7660	2.8582	3.1779	2.7683
K-46	2.2414	2.3000	2.4223	2.2738	2.2022	2.3023	2.6398	2.3265
Kr-74	2.3533	2.4055	2.4931	2.4177	2.2234	2.2629	2.4867	2.3965
Kr-75	2.1607	2.2374	2.2629	2.1922	2.0700	2.1190	2.2996	2.1649
Kr-76	2.6539	2.6594	2.8591	2.7829	2.4070	2.4525	2.8572	2.7870
Kr-77	2.3119	2.4145	2.4270	2.3286	2.2228	2.2759	2.4632	2.3201
Kr-79	1.0734	1.0566	1.1253	1.1709	0.9088	0.9249	1.1015	1.1627
Kr-81	0.4018	0.3703	0.4043	0.4861	0.2494	0.2479	0.3260	0.4782
Kr-81m	1.3452	1.3739	1.4274	1.4106	1.2717	1.2816	1.4540	1.2796
Kr-83m	0.1756	0.1620	0.1755	0.2136	0.1075	0.1076	0.1377	0.2122
Kr-85	0.0064	0.0065	0.0070	0.0067	0.0062	0.0064	0.0073	0.0065
Kr-85m	1.5977	1.6302	1.6840	1.6335	1.5436	1.5629	1.7340	1.5756
Kr-87	1.2114	1.2452	1.2943	1.2165	1.1846	1.2366	1.3856	1.2045
Kr-88	2.1441	2.2124	2.2964	2.1510	2.0838	2.1624	2.4312	2.1275
Kr-89	2.6254	2.6936	2.8319	2.6915	2.5712	2.6693	3.0144	2.6611
La-128	4.8399	4.9332	5.2465	5.0069	4.7222	4.8611	5.5373	4.9930
La-129	1.9254	1.9671	2.0298	1.9501	1.8565	1.9088	2.0789	1.9357
La-130	3.4587	3.5300	3.7594	3.5574	3.3688	3.4792	3.9333	3.5183
La-131	2.4335	2.4888	2.5474	2.4566	2.3387	2.4095	2.5785	2.4126
La-132	3.0229	3.0918	3.2294	3.1038	2.9349	3.0417	3.3855	3.0469
La-132m	2.6913	2.7679	2.8232	2.7482	2.5948	2.6759	2.8903	2.6948
La-133	0.8756	0.8795	0.8653	0.8992	0.7929	0.8226	0.8211	0.8656
La-134	0.3537	0.3583	0.3520	0.3573	0.3316	0.3444	0.3469	0.3427
La-135	0.6825	0.6883	0.6577	0.6853	0.6278	0.6545	0.6174	0.6415
La-136	0.4728	0.4772	0.4580	0.4749	0.4368	0.4559	0.4336	0.4457
La-137	0.6327	0.6376	0.6062	0.6348	0.5798	0.6047	0.5651	0.5935
La-138	1.8438	1.8815	1.9467	1.8688	1.7853	1.8776	2.0197	1.8361
La-140	3.2153	3.3000	3.5168	3.2669	3.1513	3.3131	3.6642	3.2171
La-141	0.0288	0.0295	0.0312	0.0293	0.0283	0.0296	0.0336	0.0298

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
La-142	2.2767	2.3471	2.4426	2.2970	2.2369	2.3255	2.6488	2.3408
La-143	0.3287	0.3373	0.3536	0.3358	0.3225	0.3352	0.3800	0.3380
Lu-165	3.7249	3.8250	3.8797	3.7212	3.5607	3.6778	3.8808	3.6707
Lu-167	4.0810	4.1669	4.2670	4.1107	3.8864	4.0252	4.3263	4.0702
Lu-169m	0.1400	0.1306	0.1325	0.1767	0.0790	0.0823	0.0884	0.1880
Lu-169	3.8199	3.8994	3.9908	3.8754	3.6466	3.7744	3.9839	3.7781
Lu-170	3.7553	3.8416	3.9539	3.7947	3.6002	3.7448	4.0379	3.7923
Lu-171m	0.1534	0.1437	0.1456	0.1917	0.0892	0.0928	0.0990	0.2035
Lu-171	3.2925	3.3302	3.3628	3.3412	3.0375	3.1465	3.2591	3.3034
Lu-172	5.2927	5.3914	5.5698	5.4597	5.0642	5.2427	5.5980	5.3247
Lu-172m	0.1259	0.1175	0.1192	0.1589	0.0711	0.0740	0.0795	0.1691
Lu-173	2.7610	2.8090	2.8070	2.7316	2.5935	2.6726	2.7016	2.6959
Lu-174	1.3150	1.3318	1.3203	1.3125	1.2040	1.2453	1.2352	1.2954
Lu-174m	1.4516	1.4580	1.4449	1.4934	1.2616	1.3075	1.2914	1.4926
Lu-176	3.7248	3.8055	4.0464	3.8243	3.5621	3.6149	4.0902	3.7328
Lu-176m	0.3352	0.3371	0.3380	0.3495	0.2943	0.3024	0.3038	0.3583
Lu-177	0.4029	0.4161	0.4229	0.4099	0.3844	0.3921	0.4208	0.3956
Lu-177m	8.0986	8.3058	8.5543	8.2034	7.7709	7.9515	8.6722	8.0108
Lu-178	0.3603	0.3661	0.3756	0.3703	0.3343	0.3449	0.3660	0.3765
Lu-178m	6.7835	6.9377	7.2921	6.8916	6.5386	6.6819	7.3985	6.8268
Lu-179	0.2402	0.2478	0.2548	0.2469	0.2337	0.2376	0.2652	0.2312
Lu-180	3.4159	3.4875	3.6614	3.5205	3.2999	3.4058	3.7950	3.4882
Lu-181	2.5827	2.6296	2.7100	2.6620	2.4285	2.4958	2.7272	2.6369
Mg-27	1.5589	1.5900	1.6702	1.6368	1.5281	1.5992	1.7240	1.5722
Mg-28	2.5622	2.6104	2.7074	2.6210	2.4915	2.5940	2.8163	2.5598
Mn-50m	5.1163	5.2251	5.4998	5.2876	5.0189	5.2384	5.8242	5.2290
Mn-51	0.0113	0.0112	0.0116	0.0123	0.0097	0.0101	0.0112	0.0126
Mn-52	4.6572	4.7523	5.0032	4.8361	4.5367	4.7474	5.2321	4.7603
Mn-52m	1.5040	1.5420	1.6381	1.5247	1.4775	1.5561	1.7418	1.5334
Mn-53	0.1130	0.1055	0.1070	0.1427	0.0638	0.0664	0.0712	0.1519
Mn-54	1.6458	1.6688	1.7353	1.7242	1.5647	1.6439	1.7670	1.6742
Mn-56	2.1533	2.2094	2.3022	2.1890	2.1103	2.2187	2.4285	2.1547
Mn-57	0.6582	0.6637	0.6847	0.7082	0.5624	0.5787	0.6383	0.7184
Mn-58m	3.4165	3.4919	3.6642	3.4946	3.3482	3.5038	3.8884	3.4518
Mo-101	2.6755	2.7364	2.8792	2.7729	2.5975	2.6837	3.0199	2.7241
Mo-102	0.1728	0.1778	0.1824	0.1768	0.1681	0.1707	0.1894	0.1673
Mo-89	0.3351	0.3415	0.3600	0.3464	0.3250	0.3373	0.3800	0.3451
Mo-90	3.7354	3.8041	3.9941	3.8387	3.5036	3.5929	3.9954	3.8254
Mo-91m	1.4501	1.4803	1.5605	1.4928	1.4152	1.4658	1.6741	1.5025
Mo-91	0.0447	0.0434	0.0495	0.0482	0.0367	0.0380	0.0427	0.0459
Mo-93	0.4794	0.4517	0.5333	0.5331	0.3597	0.3663	0.4156	0.4979
Mo-93m	4.1074	4.1846	4.4119	4.1972	3.9897	4.1440	4.6892	4.2198
Mo-99	0.4968	0.5078	0.5251	0.5070	0.4807	0.4957	0.5446	0.4892

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	0.9712	1.0202	1.0588	0.9591	0.9638	1.0202	1.1999	0.9370
Na-22	1.5277	1.5550	1.6479	1.5743	1.4987	1.5488	1.7981	1.6117
Na-24	2.9014	2.9941	3.1323	2.9060	2.8569	2.9927	3.3900	2.9741
Nb-87	2.5505	2.6197	2.7378	2.6552	2.4124	2.4461	2.7321	2.4334
Nb-88m	5.5251	5.6428	5.9658	5.7727	5.4048	5.6048	6.2799	5.6771
Nb-88	6.7860	6.8958	7.3402	7.1630	6.5721	6.7839	7.5902	7.0321
Nb-89	0.5959	0.6035	0.6500	0.6162	0.5560	0.5809	0.6571	0.6105
Nb-89m	1.4121	1.4342	1.5487	1.4877	1.3557	1.3936	1.5984	1.4458
Nb-90	4.7157	4.8438	5.0552	4.8010	4.5317	4.6902	5.2333	4.8040
Nb-91	0.4818	0.4518	0.5391	0.5473	0.3522	0.3584	0.4159	0.5055
Nb-91m	0.4470	0.4244	0.4957	0.4944	0.3441	0.3509	0.3977	0.4652
Nb-92	3.5098	3.5444	3.8143	3.7428	3.3239	3.4307	3.8520	3.6238
Nb-92m	2.0728	2.0747	2.2576	2.2452	1.9124	1.9867	2.1719	2.1319
Nb-93m	0.0934	0.0879	0.1026	0.1050	0.0686	0.0700	0.0791	0.0994
Nb-94m	0.3356	0.3168	0.3724	0.3730	0.2532	0.2581	0.2921	0.3491
Nb-94	3.0264	3.0887	3.2224	3.1347	2.9664	3.0897	3.4075	3.0660
Nb-95	1.5173	1.5482	1.6032	1.5469	1.4856	1.5571	1.6992	1.5076
Nb-95m	0.7704	0.7620	0.8300	0.8189	0.6794	0.6923	0.7858	0.7837
Nb-96	4.8282	4.9271	5.1773	5.0019	4.7273	4.9121	5.4739	4.9014
Nb-97	1.5149	1.5479	1.6113	1.5625	1.4867	1.5243	1.7666	1.5800
Nb-98m	4.7420	4.8456	5.0664	4.8455	4.6439	4.8510	5.3730	4.7745
Nb-99	2.5634	2.6512	2.7101	2.5719	2.4475	2.4958	2.6497	2.5637
Nb-99m	1.0209	1.0478	1.0987	1.0320	0.9918	1.0268	1.1509	1.0416
Nd-134	2.7574	2.8207	2.8697	2.7959	2.6581	2.7213	2.9002	2.6771
Nd-135	3.1566	3.2462	3.3176	3.2141	3.0377	3.1283	3.3753	3.0629
Nd-136	2.2023	2.2768	2.2502	2.1831	2.0945	2.1751	2.1755	2.1444
Nd-137	2.7211	2.7858	2.8402	2.7474	2.6214	2.7241	2.8794	2.7032
Nd-138	0.7986	0.8204	0.7934	0.7847	0.7453	0.7818	0.7457	0.7520
Nd-139	0.8935	0.9167	0.9086	0.8934	0.8474	0.8866	0.8924	0.8626
Nd-139m	4.3451	4.4688	4.5549	4.4124	4.2098	4.3808	4.6290	4.3281
Nd-140	0.6972	0.7164	0.6825	0.6825	0.6469	0.6814	0.6326	0.6515
Nd-141	0.7254	0.7453	0.7132	0.7117	0.6751	0.7105	0.6659	0.6806
Nd-141m	1.4494	1.4798	1.5279	1.4762	1.4165	1.4824	1.6163	1.4425
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	1.1728	1.2103	1.2175	1.1636	1.1301	1.1679	1.1883	1.1613
Nd-149	2.3909	2.4629	2.5316	2.4198	2.3213	2.3788	2.6060	2.3701
Nd-151	2.8408	2.9318	3.0116	2.8785	2.7723	2.8594	3.1063	2.8642
Nd-152	1.0406	1.0520	1.1104	1.0694	0.9907	1.0135	1.1579	1.0876
Ne-19	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Ne-24	1.5844	1.6192	1.7256	1.6472	1.5468	1.5972	1.8161	1.6007
Ni-56	5.3408	5.4187	5.6284	5.5221	5.1351	5.2963	5.8400	5.3602
Ni-57	1.9028	1.9533	2.0393	1.9439	1.8216	1.9036	2.1353	1.9840



<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Ni-59	0.1960	0.1829	0.1854	0.2474	0.1106	0.1152	0.1235	0.2633
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.6883	0.7047	0.7511	0.7081	0.6758	0.7081	0.7901	0.7039
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	4.8089	4.8695	5.1895	4.9755	4.4916	4.6069	5.0923	4.9676
Np-233	1.5974	1.6258	1.6958	1.6338	1.4569	1.4779	1.5639	1.6639
Np-234	2.7148	2.7541	2.9077	2.7965	2.5034	2.5878	2.8069	2.8045
Np-235	0.3601	0.3368	0.3746	0.4188	0.2452	0.2477	0.2942	0.4103
Np-236	3.1043	3.0864	3.2705	3.2842	2.6811	2.7131	2.9667	3.2445
Np-236m	0.8698	0.8807	0.9217	0.8964	0.7811	0.7923	0.8426	0.9100
Np-237	0.9578	0.9334	0.9950	1.0397	0.7768	0.7877	0.8645	1.0246
Np-238	1.2472	1.2470	1.3448	1.3641	1.1396	1.1776	1.2941	1.3149
Np-239	2.4484	2.4884	2.6029	2.5182	2.2320	2.2693	2.4597	2.5460
Np-240	3.7740	3.7979	4.0328	3.9890	3.4634	3.5491	3.9518	3.9156
Np-240m	1.0105	1.0094	1.0830	1.0744	0.9143	0.9369	1.0770	1.0637
Np-241	0.6114	0.6225	0.6483	0.6273	0.5560	0.5649	0.6037	0.6303
Np-242	0.4053	0.4114	0.4337	0.4186	0.3847	0.4011	0.4486	0.4157
Np-242m	3.1464	3.1419	3.3301	3.3255	2.8473	2.9354	3.2316	3.2389
O-14	1.4092	1.4734	1.5045	1.3486	1.3858	1.4522	1.6450	1.4240
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	2.6012	2.6845	2.7950	2.6777	2.5479	2.6021	2.9281	2.5014
Os-180	1.7096	1.7162	1.7315	1.7604	1.5131	1.5604	1.5883	1.7830
Os-181	4.7737	4.8656	4.9743	4.8758	4.5298	4.6876	4.9822	4.8545
Os-182	3.0723	3.1213	3.2027	3.1717	2.8663	2.9402	3.1480	3.1198
Os-183	4.3912	4.4799	4.5748	4.4262	4.1422	4.2762	4.5063	4.4197
Os-183m	2.5896	2.6309	2.7178	2.6944	2.4517	2.5376	2.6827	2.6771
Os-185	2.5647	2.6094	2.6656	2.6248	2.4320	2.5030	2.7132	2.6484
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	0.1842	0.1717	0.1749	0.2319	0.1045	0.1085	0.1180	0.2458
Os-190m	6.1738	6.2914	6.6481	6.4216	5.9165	6.0466	6.9171	6.3048
Os-191	1.6826	1.7102	1.7092	1.7423	1.4978	1.5431	1.5848	1.7765
Os-191m	0.3046	0.2945	0.2973	0.3503	0.2183	0.2259	0.2339	0.3648
Os-193	0.5616	0.5693	0.5836	0.5808	0.5166	0.5305	0.5668	0.5854
Os-194	0.2170	0.2079	0.2102	0.2547	0.1458	0.1515	0.1601	0.2623
Os-196	0.6019	0.6169	0.6313	0.6102	0.5718	0.5877	0.6324	0.6116
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	0.5586	0.5544	0.5828	0.5929	0.4744	0.4828	0.5181	0.5932
Pa-228	4.8499	4.8963	5.1848	5.0879	4.4641	4.5869	5.0449	5.0391
Pa-229	1.3539	1.3647	1.4247	1.4072	1.2087	1.2259	1.3007	1.4286
Pa-230	2.7385	2.7618	2.9171	2.8890	2.5087	2.5729	2.7926	2.8595
Pa-231	0.8178	0.7841	0.8570	0.9191	0.6202	0.6280	0.7310	0.9109

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Pa-232	2.5787	2.5988	2.7615	2.7432	2.3970	2.4745	2.7363	2.6576
Pa-233	2.0308	2.0390	2.2176	2.1131	1.8351	1.8596	2.1133	2.1435
Pa-234	4.9604	5.0227	5.2850	5.1879	4.6079	4.7398	5.2155	5.1056
Pa-234m	0.0405	0.0410	0.0434	0.0428	0.0378	0.0390	0.0425	0.0421
Pa-235	0.0663	0.0618	0.0628	0.0836	0.0375	0.0390	0.0420	0.0889
Pa-236	1.8235	1.8450	1.9494	1.8957	1.7019	1.7533	2.0008	1.9053
Pa-237	1.3388	1.3618	1.4354	1.4032	1.2891	1.3399	1.4803	1.3690
Pb-194	3.9551	4.0184	4.1537	4.0861	3.7479	3.8523	4.1708	4.0717
Pb-195m	5.6112	5.6848	5.9352	5.8091	5.2932	5.4657	6.0368	5.7808
Pb-196	3.4964	3.5392	3.6459	3.6186	3.2906	3.3686	3.6395	3.6369
Pb-197	3.8089	3.8729	4.0189	3.9052	3.6329	3.7597	4.0967	3.9175
Pb-197m	4.8793	4.9463	5.1393	5.0448	4.6026	4.7411	5.2086	5.0174
Pb-198	3.3841	3.4219	3.5522	3.4877	3.1790	3.2493	3.5366	3.5169
Pb-199	3.1735	3.2206	3.3571	3.2590	3.0100	3.1046	3.3796	3.2852
Pb-200	2.9175	2.9482	2.9952	3.0195	2.6970	2.7531	2.9111	3.0400
Pb-201	3.6318	3.6772	3.9019	3.7395	3.4421	3.5225	3.9038	3.7890
Pb-201m	1.3540	1.3730	1.4156	1.4062	1.2861	1.3116	1.4733	1.4367
Pb-202	0.1913	0.1778	0.1839	0.2389	0.1105	0.1136	0.1294	0.2493
Pb-202m	4.7699	4.8592	5.0993	4.9760	4.6171	4.7934	5.2965	4.8510
Pb-203	2.8752	2.9018	3.0195	2.9590	2.7008	2.7577	3.0204	3.0329
Pb-204m	4.4888	4.5765	4.8410	4.6822	4.3775	4.5549	5.0016	4.5465
Pb-205	0.1936	0.1800	0.1862	0.2418	0.1119	0.1150	0.1310	0.2524
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	0.2637	0.2488	0.2632	0.3093	0.1769	0.1798	0.2101	0.3077
Pb-211	0.1792	0.1827	0.1903	0.1837	0.1735	0.1806	0.1990	0.1796
Pb-212	1.4225	1.4403	1.4769	1.4692	1.3473	1.3742	1.5046	1.4799
Pb-214	1.5491	1.5668	1.6760	1.5931	1.4687	1.4986	1.7052	1.6155
Pd-100	2.6077	2.6156	2.6832	2.5972	2.4199	2.4602	2.5446	2.6449
Pd-101	1.7643	1.7390	1.8742	1.7889	1.5792	1.5983	1.8138	1.8089
Pd-103	0.5132	0.4910	0.5308	0.5143	0.4217	0.4227	0.4653	0.5180
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.1954	1.2199	1.2642	1.2285	1.1412	1.1507	1.2801	1.1304
Pd-109	0.3061	0.2999	0.3135	0.3066	0.2651	0.2657	0.2815	0.3135
Pd-111	0.1077	0.1099	0.1155	0.1103	0.1050	0.1083	0.1216	0.1101
Pd-112	0.2097	0.1987	0.2241	0.2233	0.1624	0.1643	0.1839	0.2173
Pd-114	0.2194	0.2279	0.2322	0.2210	0.2136	0.2187	0.2416	0.2194
Pd-96	3.4032	3.5010	3.6114	3.4470	3.2716	3.3814	3.6938	3.4361
Pd-97	3.0764	3.1327	3.3053	3.1433	2.9799	3.0851	3.4856	3.1513
Pd-98	2.5616	2.6166	2.7001	2.5547	2.4143	2.4610	2.6339	2.5839
Pd-99	2.7755	2.8525	2.9318	2.7956	2.6648	2.7381	3.0142	2.7957
Pm-136	4.6424	4.7391	5.0084	4.7635	4.5335	4.6925	5.2870	4.7019
Pm-137m	4.9335	5.0651	5.2253	5.0142	4.7889	4.9206	5.3717	4.9185
Pm-139	0.8036	0.8253	0.8410	0.8046	0.7732	0.8071	0.8564	0.7874

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Pm-140m	4.9541	5.0618	5.2922	5.1379	4.8360	5.0422	5.5080	4.9831
Pm-140	0.3271	0.3348	0.3433	0.3326	0.3164	0.3300	0.3526	0.3248
Pm-141	0.6373	0.6558	0.6528	0.6343	0.6067	0.6359	0.6447	0.6178
Pm-142	0.2352	0.2427	0.2384	0.2306	0.2224	0.2351	0.2296	0.2237
Pm-143	1.3068	1.3419	1.3296	1.3002	1.2445	1.3061	1.3190	1.2619
Pm-144	4.4127	4.5164	4.6563	4.5124	4.2886	4.4260	4.9373	4.4878
Pm-145	0.7542	0.7771	0.7433	0.7365	0.7002	0.7378	0.6879	0.7100
Pm-146	2.3370	2.3927	2.4626	2.3740	2.2617	2.3551	2.5535	2.3142
Pm-147	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Pm-148	0.8804	0.9010	0.9558	0.9108	0.8636	0.8995	1.0094	0.9000
Pm-148m	5.0036	5.1127	5.3836	5.1911	4.8967	5.0303	5.7591	5.1708
Pm-149	0.0607	0.0615	0.0663	0.0621	0.0585	0.0597	0.0694	0.0635
Pm-150	2.8045	2.8615	3.0864	2.8699	2.7405	2.8285	3.2461	2.8824
Pm-151	1.8674	1.9133	1.9922	1.8848	1.8077	1.8548	2.0375	1.8580
Pm-152m	4.5020	4.6300	4.7934	4.5829	4.3844	4.5289	5.0010	4.5891
Pm-152	0.7980	0.8288	0.8436	0.8076	0.7764	0.8063	0.8594	0.8035
Pm-153	1.0500	1.0948	1.0833	1.0443	1.0052	1.0374	1.0657	1.0385
Pm-154	2.4388	2.5061	2.5951	2.4816	2.3722	2.4725	2.7006	2.4811
Pm-154m	4.1847	4.2923	4.4567	4.2547	4.0703	4.2132	4.6180	4.1858
Po-203	4.2200	4.2793	4.4458	4.4161	4.0064	4.1310	4.4660	4.3628
Po-204	5.5892	5.6361	5.8370	5.8678	5.1817	5.3154	5.7353	5.8943
Po-205	4.0520	4.1093	4.2621	4.2283	3.8561	3.9894	4.2761	4.1944
Po-206	4.6468	4.6813	4.9295	4.8982	4.3255	4.4364	4.8911	4.8974
Po-207	3.6728	3.7223	3.8734	3.8588	3.4970	3.6069	3.8772	3.8264
Po-208	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-209	0.0363	0.0360	0.0371	0.0398	0.0309	0.0319	0.0345	0.0408
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-211	0.0172	0.0176	0.0185	0.0180	0.0168	0.0174	0.0195	0.0177
Po-212m	0.0665	0.0688	0.0714	0.0666	0.0654	0.0678	0.0770	0.0680
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	0.0007	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	6.3440	6.4858	6.8256	6.5196	6.1906	6.3822	7.2161	6.4214
Pr-134m	2.8359	2.9095	3.0347	2.8815	2.7653	2.8787	3.2160	2.8369
Pr-135	1.9371	1.9800	2.0257	1.9547	1.8601	1.9179	2.0421	1.9209
Pr-136	3.1231	3.1964	3.3580	3.2304	3.0426	3.1418	3.5345	3.1901
Pr-137	0.6934	0.7088	0.6924	0.6907	0.6510	0.6818	0.6666	0.6607
Pr-138	0.2381	0.2434	0.2374	0.2364	0.2239	0.2352	0.2297	0.2264
Pr-138m	5.3278	5.4292	5.7348	5.5061	5.1784	5.3712	5.8934	5.3979
Pr-139	0.6574	0.6721	0.6418	0.6483	0.6098	0.6407	0.5999	0.6160

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Pr-140	0.3499	0.3578	0.3418	0.3449	0.3246	0.3411	0.3189	0.3275
Pr-142	0.0546	0.0563	0.0600	0.0545	0.0538	0.0576	0.0623	0.0539
Pr-142m	0.0089	0.0083	0.0084	0.0112	0.0050	0.0052	0.0056	0.0119
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0347	0.0357	0.0370	0.0349	0.0341	0.0354	0.0402	0.0354
Pr-144m	0.3108	0.3162	0.3034	0.3140	0.2762	0.2906	0.2733	0.3046
Pr-145	0.0450	0.0460	0.0474	0.0462	0.0437	0.0454	0.0488	0.0454
Pr-146	1.6193	1.6595	1.7507	1.6544	1.5854	1.6537	1.8566	1.6327
Pr-147	2.3590	2.4221	2.4577	2.3630	2.2652	2.3455	2.4587	2.3417
Pr-148	2.1106	2.1513	2.3264	2.1608	2.0611	2.1165	2.4505	2.1889
Pr-148m	3.1142	3.1720	3.4322	3.1854	3.0364	3.1110	3.6123	3.2072
Pt-184	6.2059	6.2960	6.4129	6.3836	5.7739	5.9181	6.2649	6.3437
Pt-186	3.2376	3.2885	3.3572	3.3154	3.0454	3.1341	3.3583	3.3372
Pt-187	3.8352	3.8970	3.9773	3.9255	3.5728	3.6732	3.8616	3.9459
Pt-188	2.6127	2.6518	2.6881	2.6885	2.4064	2.4669	2.5788	2.6472
Pt-189	3.4792	3.5264	3.5875	3.5675	3.2186	3.3098	3.4677	3.6092
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	3.0546	3.0953	3.1391	3.1207	2.8180	2.8994	3.0005	3.1527
Pt-193	0.2014	0.1874	0.1930	0.2523	0.1157	0.1194	0.1341	0.2645
Pt-193m	0.4328	0.4211	0.4266	0.4883	0.3269	0.3366	0.3511	0.5054
Pt-195m	1.8429	1.8406	1.8559	1.9521	1.5784	1.6211	1.6560	2.0026
Pt-197	0.5289	0.5246	0.5335	0.5730	0.4517	0.4610	0.4867	0.5818
Pt-197m	1.2465	1.2387	1.2710	1.3292	1.0633	1.0914	1.1553	1.3588
Pt-199	0.7724	0.7861	0.8314	0.8043	0.7409	0.7582	0.8585	0.7917
Pt-200	0.9786	0.9831	0.9966	1.0265	0.8745	0.8954	0.9379	1.0420
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pu-232	1.1850	1.2090	1.2583	1.2084	1.0805	1.0967	1.1571	1.2308
Pu-234	1.3263	1.3492	1.4074	1.3589	1.1990	1.2168	1.2879	1.3819
Pu-235	1.7391	1.7622	1.8424	1.7909	1.5562	1.5802	1.6780	1.8143
Pu-236	0.1127	0.1053	0.1184	0.1296	0.0781	0.0788	0.0938	0.1257
Pu-237	1.1519	1.1561	1.2167	1.2028	1.0014	1.0165	1.0888	1.2134
Pu-238	0.1038	0.0970	0.1091	0.1195	0.0718	0.0725	0.0863	0.1159
Pu-239	0.0573	0.0536	0.0589	0.0673	0.0382	0.0388	0.0452	0.0669
Pu-240	0.0977	0.0913	0.1027	0.1124	0.0676	0.0682	0.0813	0.1091
Pu-241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pu-242	0.0838	0.0783	0.0881	0.0964	0.0580	0.0586	0.0698	0.0936
Pu-243	0.4926	0.4950	0.5103	0.5082	0.4514	0.4596	0.4775	0.5178
Pu-244	0.1011	0.0974	0.1071	0.1123	0.0791	0.0806	0.0939	0.1097
Pu-245	1.6950	1.7299	1.8504	1.7374	1.6173	1.6543	1.8581	1.7475
Pu-246	2.0443	2.0852	2.1470	2.0851	1.8849	1.9237	2.0546	2.0513
Ra-219	1.1161	1.1300	1.2425	1.1437	1.0635	1.0765	1.2443	1.1736
Ra-220	0.0152	0.0155	0.0165	0.0157	0.0147	0.0152	0.0173	0.0153
Ra-221	0.6711	0.6683	0.6954	0.7174	0.5840	0.5919	0.6501	0.7074

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Ra-222	0.0482	0.0489	0.0551	0.0491	0.0466	0.0472	0.0564	0.0503
Ra-223	1.6289	1.6447	1.7066	1.6890	1.5096	1.5356	1.6608	1.7167
Ra-224	0.0779	0.0791	0.0814	0.0803	0.0749	0.0765	0.0864	0.0802
Ra-225	0.4008	0.4057	0.4067	0.4075	0.3469	0.3640	0.3606	0.3930
Ra-226	1.5790	1.6381	1.6584	1.5235	1.5564	1.6511	1.7508	1.5777
Ra-227	1.3080	1.2918	1.3879	1.4027	1.1223	1.1407	1.2987	1.4008
Ra-228	1.5947	1.6651	1.6843	1.5525	1.5667	1.6505	1.7338	1.5959
Ra-230	0.8004	0.8105	0.8415	0.8289	0.7384	0.7528	0.8096	0.8258
Rb-77	2.2059	2.2523	2.3176	2.2400	2.1354	2.1939	2.3623	2.1892
Rb-78m	3.7791	3.8744	4.0709	3.8626	3.6958	3.8318	4.3403	3.8546
Rb-78	2.8209	2.8987	3.0420	2.8738	2.7510	2.8643	3.2817	2.8843
Rb-79	2.6884	2.7382	2.8501	2.7856	2.5534	2.6043	2.9471	2.7036
Rb-80	0.4427	0.4518	0.4726	0.4591	0.4322	0.4412	0.5178	0.4655
Rb-81	0.9430	0.9319	1.0057	1.0227	0.8185	0.8355	0.9974	0.9897
Rb-81m	0.4259	0.4021	0.4476	0.4827	0.3145	0.3125	0.3956	0.4592
Rb-82	0.2657	0.2692	0.2805	0.2738	0.2537	0.2655	0.2924	0.2661
Rb-82m	5.3517	5.4318	5.7245	5.5907	5.1339	5.3148	6.0127	5.5006
Rb-83	1.7614	1.7551	1.8963	1.9065	1.5772	1.6059	1.9142	1.8596
Rb-84	1.3700	1.3679	1.4554	1.4775	1.2448	1.2916	1.4473	1.4164
Rb-84m	2.1619	2.1926	2.2901	2.2452	2.0648	2.1099	2.4237	2.1988
Rb-86m	1.4598	1.4909	1.5838	1.5243	1.4266	1.4603	1.6972	1.5134
Rb-86	0.1354	0.1380	0.1473	0.1454	0.1330	0.1378	0.1522	0.1417
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rb-88	0.6001	0.6194	0.6478	0.6028	0.5889	0.6196	0.6910	0.6065
Rb-89	2.5836	2.6449	2.7926	2.6924	2.5366	2.6328	2.9563	2.6868
Rb-90	1.3675	1.4059	1.4659	1.3977	1.3432	1.4129	1.5699	1.3875
Rb-90m	3.1500	3.2309	3.3765	3.2139	3.0887	3.2434	3.5882	3.1811
Re-178	3.3940	3.4649	3.5494	3.4675	3.2143	3.3193	3.5600	3.4763
Re-179	4.2237	4.3044	4.4726	4.2951	4.0154	4.1458	4.5066	4.2752
Re-180	3.4899	3.5535	3.6432	3.5971	3.2924	3.4182	3.5513	3.5561
Re-181	4.0534	4.1209	4.2674	4.1266	3.8166	3.9367	4.2273	4.1222
Re-182	8.1369	8.2922	8.5121	8.3111	7.7185	7.9254	8.4976	8.2637
Re-182m	4.0324	4.1053	4.1882	4.1057	3.8125	3.9331	4.1160	4.1262
Re-183	2.7822	2.8139	2.8233	2.8400	2.5274	2.5987	2.6440	2.8275
Re-184	3.1337	3.1928	3.2553	3.2036	2.9602	3.0779	3.1934	3.1674
Re-184m	2.7556	2.7962	2.8485	2.8381	2.5369	2.6108	2.7383	2.8421
Re-186	0.3388	0.3483	0.3474	0.3434	0.3147	0.3237	0.3349	0.3444
Re-186m	0.7948	0.7707	0.7750	0.9088	0.5714	0.5929	0.6092	0.9412
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	0.4335	0.4399	0.4493	0.4470	0.4122	0.4197	0.4544	0.4327
Re-188m	1.6304	1.6445	1.6460	1.6820	1.4372	1.4818	1.4805	1.7180
Re-189	0.4837	0.4923	0.5045	0.5028	0.4537	0.4630	0.5095	0.4886
Re-190	4.6608	4.7683	4.9844	4.7971	4.5335	4.6519	5.2529	4.6585

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Re-190m	3.8367	3.9198	4.0793	3.9448	3.6754	3.7735	4.1940	3.8894
Rh-100m	0.8771	0.8542	0.9024	0.8799	0.7549	0.7638	0.8193	0.8823
Rh-100	4.0127	4.0838	4.3269	4.0966	3.8466	3.9859	4.5020	4.0898
Rh-101	3.2799	3.3826	3.4944	3.3261	3.1089	3.1631	3.4846	3.1985
Rh-101m	1.9232	1.9209	2.1429	1.9622	1.7849	1.8041	2.1247	1.9954
Rh-102	1.2383	1.2431	1.3359	1.2846	1.1541	1.1830	1.3440	1.2605
Rh-102m	5.2580	5.3346	5.6456	5.4610	5.0591	5.2115	5.9031	5.3909
Rh-103m	0.0683	0.0651	0.0695	0.0719	0.0528	0.0533	0.0583	0.0734
Rh-104	0.0338	0.0344	0.0366	0.0352	0.0327	0.0335	0.0387	0.0350
Rh-104m	1.1100	1.1068	1.1333	1.0753	1.0099	1.0306	1.0542	1.0542
Rh-105	0.4000	0.4059	0.4603	0.4065	0.3886	0.3928	0.4740	0.4183
Rh-106	0.5082	0.5192	0.5521	0.5313	0.4973	0.5101	0.5888	0.5257
Rh-106m	5.6520	5.7756	6.1001	5.8562	5.5330	5.7379	6.4528	5.7487
Rh-107	1.5400	1.5645	1.7304	1.5661	1.4976	1.5219	1.8057	1.6008
Rh-108	0.9549	0.9764	1.0287	0.9827	0.9327	0.9625	1.1004	0.9665
Rh-109	1.6848	1.7150	1.8651	1.7112	1.6317	1.6584	1.9274	1.7218
Rh-94	3.6137	3.7009	3.9169	3.7010	3.5438	3.7035	4.1391	3.6852
Rh-95	2.4676	2.5145	2.6604	2.5695	2.3963	2.4960	2.7632	2.5287
Rh-95m	1.4763	1.5063	1.5988	1.5326	1.4359	1.4771	1.6988	1.5182
Rh-96	5.8950	6.0146	6.2813	6.0559	5.7529	5.9662	6.7110	6.0230
Rh-96m	1.4316	1.4510	1.5251	1.4606	1.3660	1.4253	1.5620	1.4408
Rh-97	2.0595	2.0924	2.2071	2.1053	1.9749	2.0499	2.2952	2.0611
Rh-97m	3.3194	3.3866	3.5562	3.3794	3.1772	3.2749	3.6795	3.3031
Rh-98	1.7473	1.7842	1.8619	1.7953	1.7059	1.7521	2.0266	1.8189
Rh-99	2.7164	2.7286	2.9308	2.7756	2.5313	2.5789	2.8873	2.7772
Rh-99m	2.2315	2.2402	2.4515	2.2819	2.0925	2.1318	2.4758	2.2992
Rn-207	3.2669	3.3147	3.4934	3.3690	3.1183	3.1989	3.5613	3.3889
Rn-209	3.6086	3.6656	3.8216	3.7148	3.4411	3.5469	3.8979	3.7179
Rn-210	0.2551	0.2579	0.2692	0.2670	0.2393	0.2453	0.2699	0.2662
Rn-211	4.5549	4.6243	4.8295	4.7420	4.3583	4.4921	4.9768	4.7322
Rn-212	0.0008	0.0008	0.0008	0.0008	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	0.0020	0.0019	0.0019	0.0022	0.0020
Rn-219	0.3141	0.3190	0.3354	0.3208	0.3031	0.3111	0.3544	0.3241
Rn-220	1.6426	1.6935	1.7318	1.6168	1.6080	1.6897	1.7838	1.6944
Rn-222	0.0011	0.0012	0.0012	0.0012	0.0011	0.0011	0.0013	0.0012
Rn-223	1.6045	1.6118	1.6866	1.6998	1.4507	1.4828	1.6501	1.6974
Ru-103	1.4510	1.4818	1.5912	1.5202	1.4160	1.4545	1.6712	1.4825
Ru-105	2.1042	2.1453	2.2612	2.1559	2.0436	2.1059	2.3845	2.1438
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	0.8772	0.8983	0.9432	0.9056	0.8568	0.8826	0.9896	0.8740

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Ru-108	0.7457	0.7568	0.7768	0.7629	0.7179	0.7250	0.7919	0.7224
Ru-92	6.7647	6.8908	7.1702	6.8980	6.4284	6.5860	7.3023	6.7454
Ru-94	2.0774	2.0828	2.2632	2.1399	1.9292	1.9838	2.2508	2.1036
Ru-95	2.9195	2.9446	3.2137	3.0149	2.7681	2.8354	3.2719	3.0177
Ru-97	2.2209	2.2434	2.3810	2.3003	2.0688	2.0966	2.3760	2.1793
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	1.3065	1.3534	1.4219	1.3280	1.2910	1.3578	1.5810	1.3502
S-38	1.2638	1.3167	1.3616	1.2179	1.2378	1.3001	1.5095	1.2854
Sb-111	2.4907	2.5371	2.6355	2.5661	2.4191	2.4683	2.7210	2.4759
Sb-113	1.8176	1.8498	1.9832	1.8844	1.7579	1.8009	2.0426	1.8567
Sb-114	2.4673	2.5151	2.6616	2.5321	2.4101	2.4985	2.8393	2.5589
Sb-115	1.8372	1.8659	1.9842	1.9054	1.7641	1.8049	2.0315	1.8695
Sb-116	2.1969	2.2378	2.3508	2.2486	2.1337	2.2082	2.4876	2.2762
Sb-116m	6.2361	6.3688	6.6699	6.4309	6.0529	6.2357	6.8777	6.3918
Sb-117	2.1043	2.1186	2.1615	2.1395	2.0019	2.0139	2.1696	2.0498
Sb-118	0.1990	0.1988	0.2040	0.1997	0.1828	0.1848	0.1966	0.2026
Sb-118m	5.8859	5.9708	6.2222	6.0790	5.6840	5.8451	6.4677	6.0977
Sb-119	0.6322	0.6231	0.6321	0.6299	0.5530	0.5522	0.5664	0.6432
Sb-120	0.3288	0.3261	0.3308	0.3264	0.2950	0.2955	0.3046	0.3317
Sb-120m	6.5595	6.7087	6.9946	6.8098	6.3794	6.5242	7.0916	6.6266
Sb-122m	1.5249	1.5462	1.5361	1.4889	1.4412	1.4748	1.4521	1.4932
Sb-122	1.1454	1.1698	1.2377	1.1923	1.1205	1.1471	1.3304	1.1886
Sb-124	2.8168	2.8900	3.0338	2.8755	2.7645	2.8652	3.2806	2.9004
Sb-124m	1.1438	1.1666	1.2300	1.1946	1.1104	1.1369	1.3201	1.1965
Sb-124n	0.0310	0.0289	0.0294	0.0392	0.0175	0.0182	0.0196	0.0417
Sb-125	1.7186	1.7479	1.8061	1.7540	1.6516	1.6933	1.8790	1.7234
Sb-126	6.5161	6.6568	6.9438	6.6950	6.3815	6.5945	7.4839	6.6513
Sb-126m	3.9010	3.9869	4.1548	3.9987	3.8170	3.9429	4.4913	3.9753
Sb-127	1.8310	1.8683	1.9550	1.8813	1.7888	1.8475	2.0895	1.8643
Sb-128	7.2527	7.3992	7.8243	7.4483	7.0966	7.3261	8.3258	7.4113
Sb-128m	4.7227	4.8115	5.1377	4.8208	4.6142	4.7692	5.4076	4.7990
Sb-129	2.5159	2.5716	2.7039	2.6041	2.4649	2.5696	2.8380	2.5455
Sb-130m	5.4430	5.5580	5.8026	5.6315	5.3263	5.5467	6.0540	5.4186
Sb-130	7.8226	7.9853	8.4286	8.0336	7.6427	7.9122	8.8073	7.8130
Sb-131	3.1485	3.2219	3.3949	3.2666	3.0870	3.2059	3.5820	3.2355
Sb-133	3.2969	3.3777	3.5634	3.3938	3.2352	3.3751	3.7698	3.3775
Sc-42m	4.4971	4.6022	4.8787	4.5998	4.4081	4.6039	5.1924	4.5782
Sc-43	0.3496	0.3564	0.3823	0.3552	0.3378	0.3483	0.4014	0.3533
Sc-44	1.5681	1.5968	1.6983	1.6554	1.5377	1.5911	1.7983	1.6491
Sc-44m	1.4641	1.4841	1.5758	1.4994	1.4230	1.4529	1.6875	1.5387
Sc-46	3.1072	3.1674	3.3516	3.2872	3.0480	3.1735	3.4828	3.1980
Sc-47	1.2109	1.2276	1.2568	1.2443	1.1798	1.1896	1.3053	1.1642
Sc-48	4.8094	4.9048	5.2201	5.1174	4.7212	4.8996	5.4246	5.0002

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Sc-49	0.0009	0.0009	0.0010	0.0009	0.0009	0.0009	0.0010	0.0009
Sc-50	4.3710	4.4759	4.7728	4.5321	4.2898	4.4793	5.0092	4.4720
Se-70	2.1951	2.1907	2.2557	2.3489	1.8847	1.9415	2.1297	2.3386
Se-71	1.7217	1.7644	1.8205	1.7721	1.6745	1.7226	1.8880	1.7269
Se-72	1.1656	1.1468	1.1458	1.2678	0.9098	0.9443	0.9638	1.2676
Se-73	2.6481	2.6885	2.8264	2.6892	2.5041	2.5741	2.8259	2.7100
Se-73m	0.3288	0.3263	0.3400	0.3560	0.2824	0.2896	0.3241	0.3594
Se-75	3.3932	3.4588	3.5600	3.5257	3.1349	3.2103	3.5822	3.5826
Se-77m	1.1274	1.1282	1.1622	1.1961	1.0297	1.0385	1.1561	1.1339
Se-79m	0.4692	0.4509	0.4726	0.5405	0.3372	0.3412	0.3885	0.5517
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0302	0.0306	0.0328	0.0309	0.0294	0.0301	0.0349	0.0313
Se-81m	0.5318	0.5176	0.5407	0.6008	0.3987	0.4038	0.4537	0.6140
Se-83m	1.5355	1.5710	1.6695	1.6019	1.5046	1.5598	1.7493	1.5824
Se-83	5.1447	5.2640	5.5774	5.2744	5.0307	5.2015	5.9053	5.2185
Se-84	1.5083	1.5439	1.6142	1.5291	1.4704	1.5290	1.7250	1.4895
Si-31	0.0011	0.0011	0.0012	0.0011	0.0011	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	2.4869	2.5380	2.6848	2.5335	2.4133	2.4816	2.8049	2.5403
Sm-140	1.5982	1.6478	1.6570	1.5969	1.5311	1.5929	1.6524	1.5618
Sm-141	2.1416	2.1977	2.2766	2.1618	2.0762	2.1669	2.3724	2.1205
Sm-141m	4.5664	4.6973	4.8429	4.6678	4.4386	4.5934	4.9986	4.4497
Sm-142	0.7117	0.7372	0.7054	0.6889	0.6642	0.7017	0.6539	0.6652
Sm-143	0.4794	0.4958	0.4808	0.4688	0.4503	0.4749	0.4533	0.4540
Sm-143m	1.4456	1.4766	1.5238	1.4713	1.4123	1.4776	1.6109	1.4394
Sm-145	1.4993	1.5528	1.4889	1.4467	1.4062	1.4828	1.3833	1.3998
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	0.0010	0.0009	0.0009	0.0012	0.0006	0.0006	0.0007	0.0012
Sm-153	1.2187	1.2675	1.2515	1.1812	1.1673	1.2095	1.1805	1.1803
Sm-155	1.5074	1.5762	1.5932	1.4731	1.4732	1.5045	1.5350	1.5100
Sm-156	1.3573	1.3900	1.4158	1.3859	1.2952	1.3196	1.4057	1.3484
Sm-157	2.2942	2.3710	2.4379	2.3438	2.2339	2.2832	2.5063	2.1820
Sn-106	3.4898	3.5519	3.7019	3.5525	3.3584	3.4512	3.8330	3.5333
Sn-108	3.4053	3.4581	3.6004	3.4449	3.2671	3.3402	3.7232	3.4326
Sn-109	3.1044	3.1615	3.3386	3.1763	2.9963	3.1023	3.4554	3.1796
Sn-110	2.0721	2.0855	2.2301	2.0967	1.9678	1.9927	2.2830	2.1526
Sn-111	0.5604	0.5599	0.5797	0.5600	0.5128	0.5209	0.5584	0.5675
Sn-113	0.5338	0.5257	0.5391	0.5285	0.4713	0.4707	0.4918	0.5394
Sn-113m	0.3613	0.3568	0.3609	0.3592	0.3185	0.3183	0.3252	0.3663
Sn-117m	2.0367	2.0521	2.0941	2.0753	1.9422	1.9543	2.1114	1.9820
Sn-119m	0.4231	0.4154	0.4230	0.4263	0.3633	0.3627	0.3744	0.4374



<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.1431	0.1417	0.1407	0.1459	0.1234	0.1254	0.1249	0.1463
Sn-123	0.0100	0.0102	0.0108	0.0107	0.0098	0.0101	0.0112	0.0104
Sn-123m	1.5987	1.6199	1.6568	1.6402	1.5518	1.5646	1.7111	1.5378
Sn-125m	1.6002	1.6266	1.8233	1.6239	1.5560	1.5802	1.8863	1.6570
Sn-125	0.5107	0.5215	0.5531	0.5363	0.5006	0.5206	0.5763	0.5251
Sn-126	1.1065	1.1256	1.1334	1.1031	1.0505	1.0683	1.0755	1.1323
Sn-127m	1.4473	1.4791	1.5866	1.5105	1.4135	1.4572	1.6663	1.4731
Sn-127	3.2178	3.2893	3.4679	3.3465	3.1497	3.2649	3.6343	3.2897
Sn-128	3.1607	3.2022	3.2877	3.1991	3.0102	3.0775	3.2967	3.1639
Sn-129	1.9662	2.0093	2.1029	2.0296	1.9292	1.9841	2.2862	2.0477
Sn-130	3.9696	4.0602	4.1753	4.0375	3.8559	3.9568	4.3041	3.8700
Sn-130m	2.3606	2.4126	2.4924	2.4003	2.2914	2.3627	2.5532	2.3733
Sr-79	1.5464	1.5805	1.6432	1.5687	1.4496	1.4828	1.6259	1.5483
Sr-80	1.4476	1.4393	1.5467	1.5515	1.2945	1.3112	1.5704	1.5047
Sr-81	2.4297	2.4811	2.5694	2.5042	2.3464	2.3930	2.6666	2.4013
Sr-82	0.4175	0.3831	0.4407	0.4907	0.2764	0.2708	0.3755	0.4567
Sr-83	1.7325	1.7114	1.8454	1.8558	1.5147	1.5553	1.8293	1.7880
Sr-85	1.8260	1.8210	1.9854	1.9698	1.6497	1.6801	2.0004	1.9014
Sr-85m	1.7386	1.7710	1.8272	1.7979	1.6702	1.6993	1.9284	1.7411
Sr-87m	1.3030	1.3250	1.4045	1.3279	1.2469	1.2914	1.4757	1.2985
Sr-89	0.0001	0.0002	0.0002	0.0002	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	1.2625	1.2883	1.3574	1.3286	1.2384	1.2853	1.4231	1.2995
Sr-92	1.5638	1.5991	1.6956	1.5989	1.5353	1.6049	1.8142	1.6106
Sr-93	4.0858	4.1710	4.3850	4.2212	3.9834	4.1176	4.6504	4.1733
Sr-94	1.5617	1.6006	1.6968	1.5853	1.5348	1.6135	1.8087	1.5940
Ta-170	1.7136	1.7491	1.7851	1.7513	1.6108	1.6582	1.7313	1.7354
Ta-172	3.9875	4.0712	4.2019	4.0892	3.8053	3.9228	4.2287	4.0207
Ta-173	2.8923	2.9367	2.9578	2.9294	2.6868	2.7714	2.8426	2.8883
Ta-174	3.1123	3.1823	3.2438	3.1764	2.9389	3.0160	3.2093	3.0831
Ta-175	4.1203	4.2113	4.3027	4.1521	3.9185	4.0510	4.2768	4.1099
Ta-176	4.0246	4.1106	4.2382	4.0879	3.8356	3.9865	4.2860	4.0865
Ta-177	1.3176	1.3423	1.3313	1.3076	1.2162	1.2570	1.2416	1.2997
Ta-178	1.3616	1.3824	1.3753	1.3584	1.2505	1.2928	1.2792	1.3545
Ta-178m	8.1469	8.3220	8.7026	8.2468	7.8069	7.9892	8.7392	8.1817
Ta-179	0.6428	0.6470	0.6415	0.6550	0.5662	0.5862	0.5773	0.6552
Ta-180	1.1017	1.1183	1.1089	1.0971	1.0084	1.0421	1.0235	1.0935
Ta-182	3.5433	3.6118	3.7236	3.6389	3.3945	3.4931	3.7523	3.6438
Ta-182m	3.6825	3.7379	3.7875	3.7936	3.4036	3.4760	3.6749	3.6816
Ta-183	3.3720	3.4205	3.4852	3.4475	3.1211	3.2007	3.3900	3.4555
Ta-184	5.7942	5.9068	6.1611	5.9694	5.5555	5.7326	6.3394	5.9168
Ta-185	1.9103	1.9363	1.9639	1.9788	1.7618	1.7988	1.9061	1.9205

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Ta-186	5.6122	5.7628	5.9932	5.7704	5.4420	5.5767	6.2375	5.6043
Tb-146	3.2471	3.3367	3.5257	3.3133	3.1808	3.3576	3.6591	3.2642
Tb-147m	2.1309	2.1899	2.2622	2.1290	2.0641	2.1680	2.3418	2.1286
Tb-147	3.9267	4.0323	4.1572	4.0092	3.8162	3.9542	4.3068	3.9724
Tb-148m	6.9602	7.1206	7.3743	7.1050	6.7828	7.0585	7.7576	6.9661
Tb-148	3.0068	3.0814	3.1857	3.0499	2.9272	3.0616	3.3286	2.9980
Tb-149m	2.9833	3.0518	3.1120	3.0099	2.8890	3.0195	3.2098	2.9300
Tb-149	3.5447	3.6290	3.7502	3.5837	3.4297	3.5529	3.8593	3.4995
Tb-150m	6.9865	7.1446	7.4443	7.1546	6.8017	7.0056	7.8916	7.0975
Tb-150	3.4452	3.5390	3.6496	3.4836	3.3487	3.4766	3.8529	3.4889
Tb-151	4.6123	4.7316	4.8516	4.6434	4.4484	4.5915	4.9637	4.5935
Tb-151m	0.7367	0.7334	0.7396	0.7824	0.6193	0.6426	0.6641	0.7819
Tb-152m	4.1178	4.1998	4.3612	4.1571	3.9490	4.0646	4.4465	4.1172
Tb-152	3.1493	3.2249	3.3859	3.1680	3.0443	3.1517	3.4834	3.1611
Tb-153	2.7534	2.8338	2.8487	2.7575	2.6258	2.7106	2.8065	2.6689
Tb-154	3.6455	3.7685	3.8294	3.6327	3.5237	3.6727	3.9458	3.6430
Tb-155	2.6970	2.7788	2.7692	2.6647	2.5747	2.6549	2.6746	2.6348
Tb-156	5.4634	5.6023	5.7990	5.5788	5.2785	5.4497	5.9351	5.4522
Tb-156m	0.8362	0.8578	0.8375	0.7880	0.8082	0.8370	0.8096	0.7438
Tb-156n	0.1702	0.1666	0.1660	0.1913	0.1269	0.1320	0.1331	0.1970
Tb-157	0.1899	0.1882	0.1853	0.2062	0.1488	0.1558	0.1531	0.2087
Tb-158	2.6252	2.6858	2.7342	2.6946	2.5081	2.6094	2.6886	2.6073
Tb-160	2.6452	2.6969	2.8407	2.7488	2.5645	2.6490	2.9053	2.7048
Tb-161	0.8834	0.8910	0.8811	0.8853	0.7964	0.8200	0.8089	0.8806
Tb-162	3.4972	3.5600	3.6898	3.5966	3.3952	3.5121	3.8603	3.5451
Tb-163	2.9492	3.0098	3.2103	3.0170	2.8670	2.9484	3.3757	2.9905
Tb-164	5.7902	5.9184	6.1576	5.9366	5.6314	5.8071	6.4833	5.8483
Tb-165	1.2936	1.3196	1.3889	1.3370	1.2493	1.2971	1.4538	1.3273
Tc-101	1.6930	1.7212	1.9156	1.7248	1.6464	1.6683	1.9875	1.7647
Tc-102m	3.7999	3.8961	4.1126	3.9044	3.7225	3.8574	4.3908	3.8925
Tc-102	0.1747	0.1787	0.1896	0.1814	0.1709	0.1765	0.2006	0.1781
Tc-104	3.6737	3.7622	4.0191	3.7350	3.5917	3.7197	4.2494	3.7343
Tc-105	2.8344	2.8995	3.0408	2.8837	2.7475	2.8123	3.1408	2.8680
Tc-91	1.3624	1.4032	1.4738	1.3663	1.3313	1.3998	1.5586	1.3754
Tc-91m	0.9876	1.0077	1.0824	1.0333	0.9613	0.9913	1.1319	1.0104
Tc-92	6.1666	6.3033	6.6660	6.2542	6.0039	6.2214	6.9254	6.1906
Tc-93	1.9789	1.9918	2.1541	2.0394	1.8485	1.9294	2.1706	2.0294
Tc-93m	1.4916	1.5173	1.6048	1.5109	1.4191	1.4742	1.6648	1.4945
Tc-94	5.2533	5.3269	5.6105	5.4650	5.0517	5.2645	5.7729	5.3066
Tc-94m	1.9296	1.9613	2.0708	2.0091	1.8601	1.9471	2.1161	1.9453
Tc-95	2.0380	2.0417	2.1738	2.1142	1.8896	1.9661	2.1605	2.0474
Tc-95m	2.7731	2.8101	2.9763	2.8930	2.6085	2.6692	2.9912	2.7285
Tc-96	5.1441	5.2093	5.4814	5.3171	4.9314	5.1612	5.6057	5.1371

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Tc-96m	0.3333	0.3212	0.3566	0.3512	0.2743	0.2794	0.3118	0.3422
Tc-97	0.4808	0.4544	0.5247	0.5202	0.3693	0.3744	0.4220	0.4954
Tc-97m	0.3756	0.3567	0.4020	0.3961	0.2954	0.2985	0.3334	0.3851
Tc-98	3.0615	3.1266	3.2472	3.1422	3.0018	3.1036	3.5171	3.1352
Tc-99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Tc-99m	1.6101	1.6744	1.6842	1.6184	1.5629	1.5955	1.7167	1.5873
Te-113	1.6854	1.7250	1.8078	1.7276	1.6484	1.7173	1.9132	1.7219
Te-114	2.7274	2.7722	2.8630	2.7585	2.6064	2.6830	2.9113	2.7534
Te-115	2.5904	2.6416	2.7714	2.6615	2.5243	2.6121	2.9358	2.6568
Te-115m	2.9266	2.9892	3.1299	2.9921	2.8509	2.9669	3.2967	2.9810
Te-116	1.4799	1.4962	1.5087	1.4686	1.3816	1.3975	1.4215	1.4878
Te-117	2.1383	2.1796	2.2557	2.1699	2.0644	2.1417	2.3476	2.1608
Te-118	0.5170	0.5129	0.5113	0.5128	0.4624	0.4658	0.4660	0.5121
Te-119	2.0647	2.0954	2.1597	2.1062	1.9817	2.0239	2.2750	2.1278
Te-119m	3.8959	3.9557	4.1078	4.0064	3.7644	3.8500	4.2562	3.9527
Te-121	2.0133	2.0413	2.1307	2.0714	1.9258	1.9635	2.2029	2.0627
Te-121m	1.8837	1.9281	1.9734	1.9353	1.8047	1.8303	2.0129	1.8124
Te-123	0.0278	0.0260	0.0263	0.0348	0.0160	0.0166	0.0177	0.0370
Te-123m	1.8653	1.8824	1.9130	1.9090	1.7841	1.8016	1.9387	1.8056
Te-125m	0.9265	0.9230	0.9073	0.9237	0.8335	0.8487	0.8319	0.9046
Te-127	0.0196	0.0201	0.0210	0.0199	0.0191	0.0197	0.0222	0.0193
Te-127m	0.2990	0.2967	0.2926	0.3019	0.2643	0.2689	0.2651	0.2975
Te-129	0.3216	0.3229	0.3328	0.3340	0.2940	0.3015	0.3256	0.3302
Te-129m	0.2778	0.2776	0.2772	0.2809	0.2524	0.2577	0.2633	0.2773
Te-131	2.0191	2.0670	2.1252	2.0693	1.9653	2.0073	2.2012	1.9982
Te-131m	3.3596	3.4308	3.5730	3.4407	3.2746	3.3926	3.7214	3.3721
Te-132	2.2844	2.3290	2.3558	2.3139	2.1921	2.2375	2.4159	2.2272
Te-133	2.6278	2.6812	2.8998	2.6827	2.5651	2.6414	3.0422	2.6945
Te-133m	3.8176	3.8967	4.0960	3.9533	3.7258	3.8591	4.2685	3.8764
Te-134	3.4339	3.5082	3.6354	3.5181	3.3431	3.4309	3.7946	3.4156
Th-223	1.3652	1.3764	1.4267	1.4221	1.2307	1.2496	1.3296	1.4389
Th-224	0.2405	0.2438	0.2534	0.2509	0.2259	0.2286	0.2538	0.2367
Th-226	0.1639	0.1633	0.1725	0.1758	0.1386	0.1410	0.1560	0.1751
Th-227	1.4986	1.4831	1.5811	1.6030	1.2937	1.3158	1.4941	1.5909
Th-228	0.1165	0.1111	0.1216	0.1329	0.0859	0.0870	0.1009	0.1300
Th-229	1.9983	1.9824	2.0826	2.1462	1.6995	1.7241	1.8780	2.1375
Th-230	1.2530	1.2791	1.2716	1.2306	1.2374	1.2839	1.2568	1.2162
Th-231	0.9472	0.9053	0.9832	1.0596	0.7129	0.7199	0.8188	1.0457
Th-232	1.4925	1.5558	1.5654	1.4528	1.4736	1.5672	1.6604	1.4977
Th-233	0.3371	0.3329	0.3490	0.3665	0.2823	0.2883	0.3159	0.3665
Th-234	0.2502	0.2488	0.2608	0.2625	0.2157	0.2197	0.2330	0.2628
Th-235	0.1610	0.1643	0.1718	0.1654	0.1554	0.1604	0.1789	0.1637
Th-236	0.2877	0.2919	0.3060	0.2988	0.2615	0.2663	0.2934	0.2993

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Ti-44	2.6167	2.6734	2.6619	2.5991	2.5616	2.6263	2.6070	2.6641
Ti-45	0.0142	0.0137	0.0141	0.0168	0.0101	0.0105	0.0115	0.0175
Ti-51	1.6370	1.6627	1.8796	1.6688	1.5930	1.6138	1.9351	1.7078
Ti-52	1.8982	2.0034	2.0016	1.8942	1.8108	1.8659	1.9766	1.9249
Tl-190	2.2691	2.3118	2.4012	2.3286	2.1811	2.2547	2.4950	2.3107
Tl-190m	5.9143	6.0291	6.2950	6.0821	5.7264	5.9020	6.6322	6.0636
Tl-194	2.4239	2.4641	2.5467	2.4948	2.3091	2.3794	2.6045	2.4923
Tl-194m	7.6538	7.7962	8.0908	7.8699	7.3521	7.5748	8.4345	7.8641
Tl-195	3.2788	3.3149	3.4213	3.4101	3.0390	3.1371	3.3938	3.4498
Tl-196	3.9401	4.0200	4.1700	4.0183	3.7761	3.9155	4.2991	4.0309
Tl-197	2.5248	2.5556	2.6121	2.6007	2.3593	2.4250	2.5633	2.6247
Tl-198	4.3251	4.4112	4.5675	4.4095	4.1424	4.2952	4.7144	4.4325
Tl-198m	5.0219	5.0929	5.2963	5.2036	4.7573	4.8782	5.4676	5.2412
Tl-199	2.4336	2.4607	2.5093	2.5152	2.2636	2.3182	2.4499	2.5231
Tl-200	4.0493	4.1123	4.3069	4.1566	3.8656	3.9835	4.4003	4.1856
Tl-201	1.8601	1.8701	1.8860	1.9335	1.6845	1.7236	1.7715	1.9599
Tl-202	2.6543	2.6930	2.7772	2.7322	2.5034	2.5802	2.7807	2.7270
Tl-204	0.0287	0.0288	0.0290	0.0300	0.0256	0.0262	0.0267	0.0307
Tl-206m	7.8912	8.0457	8.4295	8.1951	7.6561	7.8654	8.8582	8.0684
Tl-206	0.0015	0.0015	0.0015	0.0015	0.0013	0.0014	0.0014	0.0015
Tl-207	0.0042	0.0043	0.0045	0.0044	0.0041	0.0043	0.0046	0.0042
Tl-208	3.4669	3.5710	3.7190	3.5050	3.3961	3.5154	3.9848	3.5551
Tl-209	4.6914	4.8585	5.0514	4.7279	4.5758	4.7668	5.1727	4.7190
Tl-210	5.0055	5.0954	5.4011	5.1270	4.8325	5.0091	5.6388	5.1373
Tm-161	5.0370	5.1613	5.1896	4.9841	4.7939	4.9643	5.1163	4.8724
Tm-162	2.8520	2.9237	2.9952	2.8634	2.7422	2.8476	3.0461	2.8476
Tm-163	4.3706	4.4689	4.5533	4.3624	4.1874	4.3340	4.5599	4.3102
Tm-164	1.1590	1.1836	1.1907	1.1515	1.0946	1.1356	1.1646	1.1333
Tm-165	3.4423	3.5086	3.5778	3.4486	3.2847	3.3867	3.6052	3.3896
Tm-166	4.2994	4.3945	4.4931	4.3338	4.1234	4.2728	4.6141	4.2839
Tm-167	2.0777	2.1225	2.1248	2.0879	1.9445	1.9983	2.0630	1.9825
Tm-168	4.9619	5.0752	5.1920	5.0538	4.7663	4.9180	5.2731	4.8353
Tm-170	0.0960	0.0966	0.0963	0.0992	0.0855	0.0879	0.0878	0.1007
Tm-171	0.0149	0.0151	0.0149	0.0148	0.0136	0.0141	0.0138	0.0146
Tm-172	0.8553	0.8699	0.9033	0.8836	0.8088	0.8435	0.9065	0.8800
Tm-173	1.5441	1.5795	1.6391	1.5574	1.4969	1.5573	1.7334	1.5183
Tm-174	6.5444	6.6616	7.0278	6.7816	6.3244	6.4883	7.2460	6.6455
Tm-175	2.6790	2.7335	2.8912	2.7871	2.6029	2.6903	2.9953	2.7249
Tm-176	4.5700	4.6697	4.8826	4.7104	4.4138	4.5437	5.0382	4.6130
U-227	1.4277	1.4370	1.5040	1.4869	1.2990	1.3202	1.4524	1.4964
U-228	0.1420	0.1373	0.1497	0.1576	0.1111	0.1125	0.1276	0.1545
U-230	0.1289	0.1214	0.1356	0.1482	0.0917	0.0928	0.1093	0.1435
U-231	2.1969	2.1672	2.3053	2.3531	1.8304	1.8519	2.0269	2.3556

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
U-232	0.1146	0.1072	0.1207	0.1332	0.0787	0.0795	0.0951	0.1287
U-233	0.0604	0.0565	0.0631	0.0703	0.0413	0.0418	0.0500	0.0683
U-234	1.2263	1.2590	1.2389	1.2026	1.2104	1.2525	1.2194	1.1445
U-235	1.8316	1.9134	1.8881	1.8496	1.7933	1.8672	1.8762	1.8464
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	0.0933	0.0870	0.0982	0.1089	0.0634	0.0640	0.0770	0.1052
U-237	2.3950	2.4224	2.5179	2.4639	2.1615	2.2001	2.3442	2.4358
U-238	1.1850	1.2308	1.2102	1.1614	1.1683	1.2338	1.2717	1.1926
U-239	0.8746	0.8836	0.8954	0.8875	0.8243	0.8440	0.8578	0.8993
U-240	0.3465	0.3312	0.3621	0.3885	0.2573	0.2607	0.2975	0.3820
U-242	0.3236	0.3298	0.3386	0.3238	0.3106	0.3181	0.3359	0.3215
V-47	0.0126	0.0127	0.0131	0.0132	0.0112	0.0117	0.0130	0.0135
V-48	3.2702	3.3326	3.5417	3.4621	3.1944	3.3202	3.6935	3.4140
V-49	0.0766	0.0715	0.0725	0.0967	0.0432	0.0450	0.0483	0.1029
V-50	1.5455	1.5847	1.6759	1.5671	1.4936	1.5915	1.7282	1.5537
V-52	1.5100	1.5483	1.6449	1.5306	1.4845	1.5638	1.7499	1.5396
V-53	1.5989	1.6305	1.7425	1.7312	1.5700	1.6298	1.7766	1.6667
W-177	5.4342	5.5633	5.6564	5.5139	5.1283	5.2836	5.5499	5.4870
W-178	0.4574	0.4548	0.4533	0.4851	0.3795	0.3930	0.3918	0.4929
W-179	1.3811	1.3883	1.3741	1.4109	1.2182	1.2605	1.2387	1.4103
W-179m	0.9947	1.0077	1.0073	1.0098	0.9053	0.9335	0.9424	1.0076
W-181	0.9576	0.9682	0.9601	0.9639	0.8628	0.8927	0.8770	0.9650
W-185m	0.7510	0.7363	0.7427	0.8478	0.5710	0.5888	0.6175	0.8713
W-185	0.0010	0.0010	0.0010	0.0010	0.0009	0.0009	0.0009	0.0010
W-187	1.7001	1.7391	1.7886	1.7337	1.6397	1.6891	1.8394	1.7309
W-188	0.0154	0.0156	0.0163	0.0158	0.0145	0.0148	0.0165	0.0159
W-190	2.5208	2.5532	2.5652	2.5576	2.3471	2.4042	2.4645	2.5176
Xe-120	2.3904	2.4194	2.4549	2.4170	2.2612	2.3126	2.4276	2.3663
Xe-121	2.0767	2.1249	2.1838	2.0970	2.0039	2.0664	2.2471	2.0874
Xe-122	0.8520	0.8563	0.8572	0.8543	0.7891	0.8072	0.8232	0.8302
Xe-123	2.1532	2.1935	2.2320	2.1863	2.0624	2.1054	2.2521	2.1073
Xe-125	2.4931	2.5358	2.5657	2.5365	2.3786	2.4234	2.5936	2.4072
Xe-127	2.7177	2.7795	2.8357	2.7760	2.6068	2.6483	2.8724	2.5807
Xe-127m	2.2998	2.3949	2.3812	2.3009	2.2188	2.2730	2.3915	2.2507
Xe-129m	1.1658	1.1729	1.1371	1.1662	1.0683	1.1012	1.0635	1.1077
Xe-131m	0.4851	0.4854	0.4712	0.4890	0.4400	0.4527	0.4383	0.4667
Xe-133	0.9658	0.9797	0.9624	0.9693	0.9236	0.9483	0.9295	0.9652
Xe-133m	0.6219	0.6258	0.6153	0.6282	0.5750	0.5907	0.5949	0.6034
Xe-135	1.5548	1.5767	1.6169	1.5906	1.5131	1.5510	1.7642	1.6223
Xe-135m	1.2817	1.3071	1.3873	1.3374	1.2454	1.2778	1.4551	1.3101
Xe-137	0.5133	0.5251	0.5566	0.5292	0.5010	0.5186	0.5886	0.5162
Xe-138	1.9423	1.9872	2.0656	1.9656	1.8759	1.9452	2.2066	1.9890
Y-81	1.9813	2.0385	2.0852	2.0223	1.8544	1.8995	2.0507	2.0226

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Y-83	1.1600	1.1563	1.2340	1.2284	1.0396	1.0731	1.2069	1.1801
Y-83m	1.4128	1.4226	1.5070	1.4666	1.3339	1.3676	1.5773	1.4656
Y-84m	5.0334	5.1346	5.4112	5.2776	4.9239	5.1348	5.6337	5.1315
Y-85	1.1951	1.2058	1.3071	1.2736	1.1232	1.1529	1.3299	1.2298
Y-85m	1.3265	1.3419	1.4215	1.3801	1.2428	1.2820	1.4704	1.3577
Y-86	5.1789	5.2690	5.5823	5.4044	4.9862	5.1617	5.8570	5.3495
Y-86m	1.7424	1.7980	1.8606	1.8064	1.6929	1.7143	1.9325	1.6508
Y-87	1.7625	1.7572	1.9232	1.8950	1.5888	1.6252	1.9072	1.8194
Y-87m	1.2729	1.2921	1.3850	1.2994	1.2149	1.2547	1.4418	1.2760
Y-88	3.3605	3.4130	3.6256	3.4752	3.1625	3.3084	3.7208	3.4257
Y-89m	1.5458	1.5764	1.6628	1.6371	1.5148	1.5835	1.7060	1.5693
Y-90	0.0001	0.0001	0.0001	0.0001	0.0000	0.0000	0.0000	0.0001
Y-90m	3.1356	3.2256	3.3891	3.2604	3.0504	3.1084	3.5252	3.0321
Y-91	0.0040	0.0041	0.0043	0.0042	0.0039	0.0041	0.0047	0.0042
Y-91m	1.4283	1.4574	1.5505	1.4930	1.3919	1.4247	1.6557	1.4807
Y-92	0.4065	0.4152	0.4397	0.4268	0.3986	0.4154	0.4575	0.4152
Y-93	0.2079	0.2119	0.2233	0.2126	0.2029	0.2092	0.2390	0.2159
Y-94	1.2063	1.2321	1.3014	1.2699	1.1830	1.2340	1.3484	1.2310
Y-95	0.8948	0.9228	0.9659	0.9086	0.8790	0.9202	1.0352	0.9165
Yb-162	2.7780	2.8498	2.8578	2.7775	2.6415	2.7092	2.8203	2.7053
Yb-163	1.9195	1.9530	1.9771	1.9373	1.7930	1.8599	1.9267	1.9031
Yb-164	1.0529	1.0709	1.0547	1.0296	0.9787	1.0131	0.9934	0.9968
Yb-165	2.8341	2.8682	2.8570	2.8649	2.5982	2.6819	2.6873	2.8428
Yb-166	1.9973	2.0314	2.0009	1.9577	1.8632	1.9254	1.8845	1.9103
Yb-167	4.5382	4.6605	4.6409	4.5013	4.2580	4.3792	4.4261	4.4398
Yb-169	5.1319	5.2586	5.2649	5.0835	4.8615	4.9953	5.0997	4.9175
Yb-175	0.2366	0.2425	0.2502	0.2371	0.2279	0.2351	0.2567	0.2361
Yb-177	0.8553	0.8767	0.8923	0.8701	0.8255	0.8465	0.9035	0.8482
Yb-178	0.1713	0.1745	0.1855	0.1738	0.1644	0.1697	0.1926	0.1726
Yb-179	2.8805	2.9433	3.0893	2.9669	2.8071	2.8749	3.3008	2.9709
Zn-60	1.7243	1.7607	1.8337	1.7506	1.6806	1.7265	1.9375	1.7651
Zn-61	0.6694	0.6875	0.7261	0.6831	0.6543	0.6826	0.7700	0.6804
Zn-62	1.4910	1.5047	1.5545	1.5883	1.3398	1.3830	1.5322	1.5985
Zn-63	0.2778	0.2822	0.2959	0.2948	0.2647	0.2742	0.3066	0.2928
Zn-65	1.0485	1.0460	1.1020	1.1680	0.9210	0.9547	1.0595	1.1761
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zn-69m	1.4072	1.4381	1.5171	1.4465	1.3662	1.4153	1.6052	1.4099
Zn-71	0.7953	0.8145	0.8650	0.8296	0.7776	0.8024	0.9054	0.8113
Zn-71m	4.5053	4.6084	4.8698	4.6434	4.4034	4.5337	5.1949	4.5917
Zn-72	2.1658	2.2026	2.2346	2.2798	1.9606	1.9997	2.1577	2.2456
Zr-85	1.3563	1.3837	1.4652	1.3953	1.3136	1.3616	1.5453	1.3662
Zr-86	2.6824	2.6549	2.8444	2.8493	2.3838	2.4277	2.7946	2.7725
Zr-87	0.1935	0.1900	0.2106	0.2100	0.1669	0.1714	0.1997	0.2031

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Zr-88	1.9142	1.9156	2.0668	1.9979	1.7408	1.7985	2.0660	1.9251
Zr-89	1.9177	1.9242	2.0726	2.0625	1.7823	1.8537	2.0353	1.9634
Zr-89m	1.4692	1.4985	1.5846	1.5282	1.4296	1.4642	1.7051	1.5315
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	1.4975	1.5284	1.5844	1.5304	1.4669	1.5301	1.6924	1.5041
Zr-97	1.7805	1.8167	1.8940	1.8255	1.7416	1.8136	2.0158	1.7965

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

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Ac-223	0.1777	0.2000	0.2724	0.3381
Ac-224	2.6614	2.8295	3.2237	3.5263
Ac-225	0.2355	0.2676	0.3611	0.4709
Ac-226	1.2075	1.2832	1.4485	1.5545
Ac-227	0.0227	0.0303	0.0615	0.0916
Ac-228	1.8717	2.0242	2.3238	2.6263
Ac-230	0.7853	0.8618	0.9890	1.1337
Ac-231	2.8432	3.0143	3.4243	3.5668
Ac-232	1.3273	1.4389	1.6218	1.9021
Ac-233	1.3197	1.4087	1.6540	1.6831
Ag-100m	2.6161	2.7619	3.0110	3.4163
Ag-101	2.0912	2.2124	2.4062	2.5879
Ag-102m	1.5971	1.7169	1.8772	2.0102
Ag-102	3.8714	4.1278	4.5240	4.9366
Ag-103	2.2000	2.3402	2.5498	2.6937
Ag-104	4.6352	4.9765	5.4028	5.9581
Ag-104m	1.8580	1.9935	2.2204	2.3979
Ag-105	2.2454	2.4265	2.6727	2.9044
Ag-105m	0.0102	0.0128	0.0265	0.0335
Ag-106	0.3755	0.4236	0.4559	0.5211
Ag-106m	5.6254	6.0492	6.6291	7.1618
Ag-108	0.0441	0.0474	0.0522	0.0634
Ag-108m	4.1825	4.4513	4.9052	5.5713
Ag-109m	0.2113	0.2492	0.2522	0.3247
Ag-110	0.0663	0.0688	0.0775	0.0916
Ag-110m	4.6088	4.8679	5.3242	5.9709
Ag-111	0.1213	0.1278	0.1478	0.1458
Ag-111m	0.1098	0.1307	0.1391	0.1811
Ag-112	1.0453	1.0943	1.2226	1.3895
Ag-113m	0.8493	0.8976	1.0417	1.0620
Ag-113	0.2714	0.2843	0.3285	0.3263
Ag-114	0.4319	0.4574	0.5163	0.5496
Ag-115	0.9738	1.0274	1.1237	1.1658
Ag-116	2.5283	2.7107	2.9960	3.0922
Ag-117	1.9215	2.0311	2.2498	2.2729
Ag-99	2.6895	2.8504	3.0633	3.2516
Al-26	1.4241	1.5364	1.6031	1.7354
Al-28	1.3885	1.4966	1.5544	1.6902
Al-29	1.4531	1.5836	1.7174	1.7949
Am-237	2.7386	2.9585	3.3368	3.7447
Am-238	2.7089	2.9394	3.2919	3.7855
Am-239	2.9673	3.2433	3.6761	4.3017



<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Am-240	2.8045	3.0676	3.4804	4.0758
Am-241	1.1507	1.2258	1.1877	1.1402
Am-242	0.3156	0.3657	0.4370	0.5933
Am-242m	0.1205	0.1566	0.2226	0.3578
Am-243	1.0476	1.1055	1.1731	1.2916
Am-244	2.2630	2.4978	2.8359	3.4729
Am-244m	0.0923	0.1122	0.1414	0.2090
Am-245	0.3345	0.3585	0.4020	0.4580
Am-246	3.1485	3.4436	3.9750	4.8050
Am-246m	1.6701	1.8121	2.0166	2.2774
Am-247	1.2773	1.3636	1.5452	1.7023
Ar-37	0.0067	0.0094	0.0260	0.0344
Ar-39	0.0000	0.0000	0.0000	0.0000
Ar-41	1.4300	1.5574	1.6886	1.7708
Ar-42	0.0000	0.0000	0.0000	0.0000
Ar-43	1.7246	1.8486	2.0035	2.1415
Ar-44	2.7070	2.8799	3.0975	3.1910
As-68	3.3815	3.5982	3.9367	4.3004
As-69	0.4988	0.5274	0.5979	0.6233
As-70	4.4106	4.7038	5.1859	5.6150
As-71	1.7472	1.8623	2.2922	2.3241
As-72	1.4128	1.5135	1.6488	1.8258
As-73	0.3591	0.4625	1.0560	1.3530
As-74	1.1040	1.1585	1.4259	1.6569
As-76	0.8603	0.9072	1.0352	1.1091
As-77	0.0450	0.0470	0.0512	0.0520
As-78	1.9655	2.0746	2.3023	2.5619
As-79	0.0868	0.0925	0.1032	0.1078
At-204	5.8265	6.1690	6.9928	7.5676
At-205	2.8786	3.0503	3.4456	3.8104
At-206	6.0413	6.4112	7.1685	7.7484
At-207	4.5511	4.8366	5.4088	5.9201
At-208	7.1949	7.5851	8.5177	9.4294
At-209	6.4277	6.8444	7.6169	8.2730
At-210	5.5028	5.8766	6.4783	7.0057
At-211	0.6076	0.6485	0.7569	0.8537
At-215	0.0007	0.0007	0.0008	0.0008
At-216	0.0339	0.0358	0.0409	0.0442
At-217	0.0015	0.0016	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	2.1970	2.2985	2.5474	2.6476
Au-186	3.4343	3.6297	4.0555	4.1938

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Au-187	2.5339	2.7027	3.0492	3.2894
Au-190	4.0129	4.2464	4.7692	4.9011
Au-191	3.2018	3.3787	3.8294	4.0640
Au-192	3.7089	3.9341	4.4393	4.5634
Au-193	1.9767	2.0846	2.3327	2.4703
Au-193m	1.4227	1.4995	1.7588	1.9062
Au-194	2.9398	3.1133	3.5378	3.6502
Au-195	1.5079	1.6140	1.8886	2.0945
Au-195m	1.4354	1.5140	1.7855	1.9290
Au-196	2.7001	2.8575	3.2773	3.3595
Au-196m	2.9833	3.1661	3.8570	4.0883
Au-198	1.3626	1.4582	1.6079	1.7073
Au-198m	5.3320	5.6515	6.3602	6.5899
Au-199	1.0758	1.1299	1.2979	1.2800
Au-200	0.5240	0.5620	0.6285	0.6515
Au-200m	6.8619	7.2321	8.1279	8.3844
Au-201	0.1323	0.1421	0.1789	0.1978
Au-202	0.3300	0.3544	0.3928	0.4089
Ba-124	1.5801	1.6718	1.7849	1.9543
Ba-126	2.0380	2.1509	2.3040	2.5355
Ba-127	0.8562	0.9042	0.9541	1.0577
Ba-128	0.7313	0.7744	0.7953	0.9498
Ba-129	0.8834	0.9318	0.9861	1.1275
Ba-129m	4.2248	4.4840	4.9134	5.2664
Ba-131	2.5594	2.6905	2.9552	3.1282
Ba-131m	1.2148	1.2838	1.3613	1.5119
Ba-133	2.7572	2.9116	3.1621	3.4031
Ba-133m	0.6687	0.7093	0.7879	0.9374
Ba-135m	0.6126	0.6436	0.6669	0.7929
Ba-137m	1.3229	1.3690	1.5380	1.8186
Ba-139	0.4351	0.4537	0.5005	0.4769
Ba-140	0.7069	0.7581	0.9079	0.9696
Ba-141	2.8491	3.0018	3.3683	3.4232
Ba-142	2.4130	2.5525	2.7764	2.9377
Be-10	0.0000	0.0000	0.0000	0.0000
Be-7	0.1424	0.1529	0.1744	0.1708
Bi-197	3.3009	3.5247	3.9478	4.3014
Bi-200	6.7747	7.2045	8.0718	8.4848
Bi-201	3.3779	3.6078	3.9983	4.3457
Bi-202	6.3140	6.6905	7.4854	8.1106
Bi-203	4.2159	4.4997	4.9307	5.3673
Bi-204	6.3396	6.7470	7.5163	8.0843
Bi-205	3.1375	3.3393	3.7345	4.1167

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Bi-206	7.3417	7.8230	8.6554	9.2429
Bi-207	3.6504	3.8701	4.4183	4.7856
Bi-208	1.9770	2.1411	2.3671	2.5331
Bi-210	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.4468	1.5074	1.7044	1.7194
Bi-211	0.2236	0.2366	0.2753	0.2771
Bi-212n	0.0000	0.0000	0.0000	0.0000
Bi-212	0.1999	0.2180	0.2737	0.3286
Bi-213	0.4397	0.4706	0.5285	0.5482
Bi-214	1.9031	2.0199	2.2192	2.4445
Bi-215	1.0497	1.1052	1.2646	1.2970
Bi-216	2.0571	2.1817	2.4866	2.6056
Bk-245	2.6802	2.8723	3.2166	3.6462
Bk-246	2.6382	2.8837	3.2251	3.8032
Bk-247	1.5202	1.6060	1.7303	1.8532
Bk-248m	0.5088	0.5598	0.6460	0.7800
Bk-249	0.0000	0.0000	0.0000	0.0000
Bk-250	1.4409	1.5573	1.7563	1.9548
Bk-251	1.2670	1.3636	1.5858	1.8298
Br-72	2.7228	2.9238	3.1787	3.4127
Br-73	1.5301	1.6079	1.7648	1.8644
Br-74	3.0648	3.2484	3.6221	3.9393
Br-74m	3.8166	4.0238	4.4828	5.0398
Br-75	1.9677	2.0653	2.4141	2.4488
Br-76	2.6636	2.8503	3.2740	3.5625
Br-76m	0.7553	0.8473	1.1805	1.4933
Br-77	1.2516	1.3532	1.7456	1.9572
Br-77m	0.3182	0.3656	0.5579	0.7356
Br-78	0.2061	0.2159	0.2658	0.3175
Br-80	0.1263	0.1329	0.1664	0.2015
Br-80m	0.4944	0.5726	0.9081	1.3206
Br-82m	0.1162	0.1524	0.3435	0.5192
Br-82	4.6804	4.9595	5.4504	5.9797
Br-83	0.0178	0.0190	0.0219	0.0221
Br-84m	4.2528	4.5627	4.9175	5.2634
Br-84	1.5647	1.6804	1.8054	1.9201
Br-85	0.1042	0.1113	0.1190	0.1288
C-10	1.4214	1.4932	1.6282	1.8641
C-11	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0120	0.0169	0.0465	0.0614
Ca-45	0.0000	0.0000	0.0000	0.0000
Ca-47	1.2574	1.3662	1.4829	1.5521

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Ca-49	1.3455	1.4482	1.5961	1.5689
Cd-101	2.7735	3.0046	3.1628	3.4356
Cd-102	2.1194	2.3059	2.5349	2.6853
Cd-103	2.0711	2.2623	2.3970	2.6650
Cd-104	1.5421	1.6879	1.7389	2.0060
Cd-105	1.3994	1.5335	1.6332	1.8330
Cd-107	0.5729	0.6865	0.6795	0.8999
Cd-109	0.5224	0.6278	0.6228	0.8294
Cd-111m	2.1058	2.2030	2.3504	2.4089
Cd-113	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0006	0.0007	0.0007	0.0008
Cd-115	0.5484	0.5852	0.6680	0.6692
Cd-115m	0.0484	0.0519	0.0570	0.0602
Cd-117	1.9540	2.0820	2.2797	2.3674
Cd-117m	2.2923	2.4595	2.6778	2.8510
Cd-118	0.0000	0.0000	0.0000	0.0000
Cd-119	2.3628	2.5119	2.7714	2.8508
Cd-119m	2.6973	2.8938	3.1391	3.3575
Ce-130	2.5473	2.6504	2.9028	3.1391
Ce-131	3.0042	3.1826	3.4944	3.7706
Ce-132	2.4935	2.6143	2.8513	2.9681
Ce-133	1.9239	2.0411	2.0844	2.4279
Ce-133m	4.1681	4.4183	4.7901	5.1552
Ce-134	0.5569	0.5889	0.5972	0.7807
Ce-135	3.0598	3.2108	3.5257	3.8466
Ce-137	0.6048	0.6468	0.7037	0.9163
Ce-137m	0.6061	0.6371	0.6650	0.8176
Ce-139	1.9080	1.9968	2.1621	2.2458
Ce-141	0.9275	0.9513	1.0661	1.0464
Ce-143	1.5671	1.6437	1.8044	1.9649
Ce-144	0.2701	0.2754	0.3081	0.3216
Ce-145	2.5219	2.6620	2.8582	3.2623
Cf-244	0.0443	0.0577	0.0771	0.1262
Cf-246	0.0308	0.0399	0.0532	0.0867
Cf-247	1.5167	1.6784	1.9877	2.4566
Cf-248	0.0372	0.0482	0.0640	0.1040
Cf-249	1.4119	1.5230	1.7336	1.9022
Cf-250	0.0432	0.0525	0.0661	0.0976
Cf-251	1.5127	1.6348	1.8631	2.1185
Cf-252	0.7252	0.7765	0.8617	0.9317
Cf-253	0.1038	0.1329	0.1738	0.2728
Cf-254	25.6460	27.2265	29.9151	31.3571
Cf-255	0.0000	0.0000	0.0000	0.0000

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Cl-34	0.0000	0.0000	0.0000	0.0000
Cl-34m	1.6287	1.7236	1.8901	1.8774
Cl-36	0.0001	0.0001	0.0004	0.0005
Cl-38	1.0235	1.1060	1.1493	1.2350
Cl-39	2.1066	2.2454	2.3874	2.5149
Cl-40	2.7060	2.9178	3.1050	3.2804
Cm-238	1.2407	1.3469	1.5087	1.7503
Cm-239	2.9888	3.1873	3.5796	3.8338
Cm-240	0.0477	0.0624	0.0882	0.1466
Cm-241	2.8933	3.1647	3.6724	4.1885
Cm-242	0.0428	0.0559	0.0791	0.1316
Cm-243	1.4349	1.5690	1.8125	2.1223
Cm-244	0.0367	0.0480	0.0679	0.1130
Cm-245	1.5595	1.7060	1.9308	2.2609
Cm-246	0.0348	0.0441	0.0606	0.0968
Cm-247	1.1529	1.2325	1.3551	1.4485
Cm-248	2.0265	2.1582	2.3827	2.5290
Cm-249	0.0758	0.0863	0.1442	0.1778
Cm-250	20.2335	21.4830	23.6042	24.7425
Cm-251	0.4018	0.4300	0.4943	0.5374
Co-54m	4.1952	4.5177	4.9196	5.2223
Co-55	1.8775	2.0152	2.2322	2.3718
Co-56	3.6435	3.9394	4.3227	4.6305
Co-57	1.6679	1.7199	2.1868	2.3014
Co-58	1.4822	1.6016	1.7745	1.9850
Co-58m	0.0484	0.0677	0.1864	0.2462
Co-60	2.8961	3.1401	3.4190	3.5985
Co-60m	0.0798	0.1024	0.2321	0.2969
Co-61	1.1083	1.1514	1.1357	1.1558
Co-62	1.6721	1.8092	1.9770	2.0713
Co-62m	2.9760	3.2184	3.5171	3.6992
Cr-48	3.0798	3.2212	3.7358	3.6901
Cr-49	1.4687	1.5399	1.6093	1.5947
Cr-51	0.1765	0.1950	0.2958	0.3185
Cr-55	0.0006	0.0007	0.0007	0.0008
Cr-56	1.5759	1.6720	1.7617	1.8507
Cs-121	1.0734	1.1283	1.2371	1.2626
Cs-121m	2.0150	2.1257	2.3444	2.3936
Cs-123	1.4350	1.5261	1.6234	1.7869
Cs-124	0.5619	0.5984	0.6736	0.6942
Cs-125	1.1489	1.2237	1.3289	1.4521
Cs-126	0.9162	0.9802	1.0720	1.1504
Cs-127	1.8247	1.9405	2.0967	2.3039

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Cs-128	0.6058	0.6503	0.7062	0.7635
Cs-129	1.5687	1.6790	1.7877	2.0232
Cs-130m	1.2672	1.3359	1.3924	1.5728
Cs-130	0.3427	0.3688	0.3760	0.4558
Cs-131	0.4664	0.5038	0.4981	0.6332
Cs-132	1.9202	2.0114	2.1932	2.6129
Cs-134	3.1546	3.3237	3.6615	4.0875
Cs-134m	0.4357	0.4584	0.5507	0.6377
Cs-135	0.0000	0.0000	0.0000	0.0000
Cs-135m	2.8278	3.0260	3.1838	3.5037
Cs-136	4.2628	4.5375	4.9728	5.2046
Cs-137	1.5938	1.7004	1.7338	1.8611
Cs-138m	1.1461	1.2234	1.3224	1.4322
Cs-138	2.7814	2.9876	3.2415	3.4141
Cs-139	0.2877	0.3101	0.3349	0.3568
Cs-140	1.8960	2.0124	2.2165	2.4147
Cu-57	0.1484	0.1595	0.1759	0.1859
Cu-59	0.7101	0.7632	0.8439	0.8794
Cu-60	2.8329	3.0630	3.2854	3.4966
Cu-61	0.5579	0.5923	0.7175	0.7873
Cu-62	0.0100	0.0112	0.0156	0.0180
Cu-64	0.0357	0.0478	0.1194	0.1557
Cu-66	0.1406	0.1501	0.1674	0.1773
Cu-67	1.1889	1.2553	1.3932	1.3875
Cu-69	0.8382	0.8929	0.9860	1.0547
Dy-148	2.1751	2.2688	2.5643	2.9105
Dy-149	3.4393	3.6690	3.9526	4.2614
Dy-150	1.3711	1.4654	1.6043	1.7231
Dy-151	3.2342	3.4512	3.8396	4.0741
Dy-152	2.2195	2.3166	2.4934	2.5885
Dy-153	3.8841	4.1181	4.5034	4.7267
Dy-154	0.0000	0.0000	0.0000	0.0000
Dy-155	2.8211	2.9780	3.2518	3.3887
Dy-157	2.2510	2.3802	2.7665	2.7477
Dy-159	0.9451	1.0082	1.1048	1.1815
Dy-165m	0.2009	0.2218	0.2998	0.3340
Dy-165	0.2025	0.2156	0.2339	0.2400
Dy-166	0.7773	0.8307	0.9317	0.9479
Dy-167	2.1138	2.2123	2.5004	2.5568
Dy-168	1.9298	2.0429	2.3092	2.3381
Er-154	0.9825	1.0669	1.1962	1.2455
Er-156	1.2153	1.3158	1.5732	1.7145
Er-159	2.7011	2.8466	3.1755	3.3825

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Er-161	2.8003	2.9910	3.2676	3.4098
Er-163	0.8193	0.8767	0.9658	0.9576
Er-165	0.7876	0.8432	0.9316	0.9250
Er-167m	0.9090	0.9616	1.0922	1.0938
Er-169	0.0014	0.0020	0.0054	0.0071
Er-171	2.5091	2.6321	3.0503	2.9421
Er-172	2.1427	2.2658	2.5273	2.6370
Er-173	3.9531	4.1624	4.6199	4.6379
Es-249	2.4201	2.5897	2.9353	3.2681
Es-250	6.0143	6.5679	7.5194	8.8459
Es-250m	2.0665	2.2186	2.5138	2.8448
Es-251	1.4774	1.6106	1.8948	2.2765
Es-253	0.0133	0.0168	0.0225	0.0350
Es-254	0.4253	0.5466	0.7884	1.2289
Es-254m	1.1811	1.2626	1.4386	1.7673
Es-255	0.0010	0.0011	0.0012	0.0013
Es-256	0.0667	0.0846	0.1037	0.1610
Eu-142	0.3377	0.3611	0.3820	0.4291
Eu-142m	4.7821	5.0822	5.6749	6.1569
Eu-143	0.5747	0.6144	0.6589	0.7472
Eu-144	0.2569	0.2746	0.2881	0.3324
Eu-145	2.3805	2.5303	2.7363	3.1181
Eu-146	4.5408	4.7803	5.2397	6.0400
Eu-147	2.2966	2.4085	2.6591	2.9797
Eu-148	5.2596	5.5306	6.2261	6.9491
Eu-149	0.8401	0.8948	1.0142	1.2331
Eu-150	4.8540	5.1419	5.8427	6.1880
Eu-150m	0.1882	0.1997	0.2238	0.2472
Eu-152	3.0259	3.1951	3.5404	3.8324
Eu-152m	0.8007	0.8460	0.9278	1.0319
Eu-152n	1.2709	1.3607	1.4932	1.6330
Eu-154	2.7248	2.8652	3.1841	3.3721
Eu-154m	1.2618	1.3526	1.5033	1.6968
Eu-155	1.0158	1.0765	1.1348	1.2020
Eu-156	1.6504	1.7703	1.9256	2.0739
Eu-157	1.7047	1.8104	2.0023	2.1573
Eu-158	2.1558	2.3009	2.5333	2.7220
Eu-159	1.9334	2.0410	2.1899	2.3759
F-17	0.0005	0.0005	0.0006	0.0006
F-18	0.0000	0.0000	0.0000	0.0000
Fe-52	1.6774	1.7541	1.9934	1.8775
Fe-53	0.6093	0.6494	0.7321	0.7612
Fe-53m	4.1473	4.4204	4.8482	5.2881

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Fe-55	0.0400	0.0560	0.1545	0.2041
Fe-59	1.5311	1.6515	1.8168	1.9035
Fe-60	0.0000	0.0000	0.0000	0.0000
Fe-61	2.0452	2.1821	2.4275	2.5173
Fe-62	1.3638	1.4631	1.6895	1.6238
Fm-251	1.5265	1.6336	1.9175	2.1722
Fm-252	0.0341	0.0437	0.0548	0.0876
Fm-253	1.0262	1.1469	1.3694	1.7354
Fm-254	0.0448	0.0551	0.0674	0.1011
Fm-255	0.3586	0.4603	0.6176	0.9857
Fm-256	19.0662	20.2401	22.2467	23.3390
Fm-257	1.5641	1.6965	1.9497	2.2776
Fr-212	3.0399	3.2603	3.7018	4.0276
Fr-219	0.0163	0.0173	0.0200	0.0202
Fr-220	0.1612	0.1771	0.2285	0.2765
Fr-221	0.2457	0.2585	0.2886	0.3008
Fr-222	1.3826	1.4822	1.7221	1.9057
Fr-223	0.8176	0.8921	1.0348	1.1443
Fr-224	1.6447	1.7440	1.9646	2.1032
Fr-227	2.4791	2.6422	2.9158	3.1886
Ga-64	2.0757	2.2305	2.4219	2.5585
Ga-65	1.5295	1.6032	1.8387	1.9071
Ga-66	1.3898	1.5105	1.7350	1.8469
Ga-67	1.4599	1.5833	1.9823	2.1336
Ga-68	0.0627	0.0704	0.1006	0.1164
Ga-70	0.0150	0.0160	0.0188	0.0196
Ga-72	3.1662	3.3838	3.6179	3.9518
Ga-73	1.7537	1.8821	2.4659	2.5629
Ga-74	3.4702	3.6837	4.0615	4.4144
Gd-142	1.3754	1.4552	1.6073	1.7233
Gd-143m	3.7130	3.9111	4.2823	4.6056
Gd-144	0.8569	0.9120	1.0000	1.1131
Gd-145m	1.4482	1.5345	1.7319	1.9779
Gd-145	2.1553	2.3139	2.4638	2.7038
Gd-146	3.7965	3.9634	4.3542	4.6574
Gd-147	4.4316	4.6845	5.1326	5.5410
Gd-148	0.0000	0.0000	0.0000	0.0000
Gd-149	3.0777	3.2288	3.6210	3.7770
Gd-150	0.0000	0.0000	0.0000	0.0000
Gd-151	1.0395	1.1061	1.2542	1.4412
Gd-152	0.0000	0.0000	0.0000	0.0000
Gd-153	1.8953	2.0209	2.1350	2.4271
Gd-159	0.3820	0.4059	0.4513	0.4677



<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Gd-162	1.4144	1.5166	1.7070	1.8003
Ge-66	2.1012	2.2532	2.7218	2.9248
Ge-67	1.8270	1.9170	2.1354	2.0605
Ge-68	0.0986	0.1379	0.3794	0.5021
Ge-69	1.1339	1.2370	1.5486	1.7235
Ge-71	0.1000	0.1399	0.3848	0.5093
Ge-75	0.2012	0.2086	0.2275	0.2292
Ge-77	3.4682	3.6450	4.0262	4.1757
Ge-78	1.5086	1.5663	1.7555	1.7323
H-3	0.0000	0.0000	0.0000	0.0000
Hf-167	1.6070	1.6955	1.9763	1.8821
Hf-169	2.2930	2.4495	2.7565	2.6827
Hf-170	3.0241	3.1919	3.6218	3.6596
Hf-172	1.9650	2.1049	2.4302	2.4927
Hf-173	3.8489	3.9816	4.5407	4.4099
Hf-174	0.0000	0.0000	0.0000	0.0000
Hf-175	2.3733	2.5192	2.8723	2.8184
Hf-177m	14.3518	15.0622	17.1213	17.0666
Hf-178m	10.4194	11.0278	12.4867	12.6873
Hf-179m	5.6979	6.0065	6.8285	6.8200
Hf-180m	5.2830	5.5991	6.3353	6.3202
Hf-181	2.5445	2.6722	3.0921	3.0362
Hf-182	1.5440	1.6049	1.7714	1.7632
Hf-182m	4.3553	4.6127	5.1882	5.2467
Hf-183	2.3299	2.4710	2.6260	2.7592
Hf-184	2.0998	2.2317	2.8386	2.9706
Hg-190	2.7413	2.8599	3.3234	3.4213
Hg-191m	4.9671	5.2407	5.8737	6.2558
Hg-192	2.6907	2.8356	3.2635	3.4424
Hg-193	2.8196	2.9997	3.3947	3.6568
Hg-193m	2.8951	3.0786	3.4505	3.7021
Hg-194	0.0616	0.0845	0.2171	0.3021
Hg-195	1.5110	1.6137	1.9027	2.1138
Hg-195m	1.5155	1.6349	2.0903	2.3801
Hg-197	1.3310	1.4186	1.6855	1.8697
Hg-197m	1.2928	1.3610	1.7111	1.8511
Hg-199m	1.9547	2.0647	2.3968	2.4582
Hg-203	1.4173	1.4761	1.6643	1.6659
Hg-205	0.0473	0.0498	0.0558	0.0569
Hg-206	0.6550	0.6867	0.8082	0.8026
Hg-207	3.8863	4.1436	4.5895	4.8248
Ho-150	2.1054	2.2361	2.4090	2.6605
Ho-153	2.4081	2.5382	2.8546	2.8930

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Ho-153m	2.7668	2.9219	3.2337	3.3190
Ho-154m	6.1387	6.5387	7.4072	7.5387
Ho-154	3.2012	3.3949	3.8686	3.9503
Ho-155	2.1615	2.2889	2.5538	2.6284
Ho-156	4.3848	4.6037	5.0853	5.2217
Ho-157	3.2779	3.4700	3.8612	3.9240
Ho-159	3.6791	3.8471	4.2910	4.3142
Ho-160	4.3621	4.6242	5.1013	5.4980
Ho-161	1.1436	1.2380	1.3817	1.4623
Ho-162	1.1124	1.1893	1.3191	1.3686
Ho-162m	2.3518	2.5116	2.8496	2.9356
Ho-163	0.0016	0.0022	0.0062	0.0082
Ho-164	0.6040	0.6462	0.7179	0.7427
Ho-164m	0.9827	1.0673	1.2910	1.3780
Ho-166	0.2352	0.2525	0.2966	0.3068
Ho-166m	5.0901	5.3771	5.9445	6.2108
Ho-167	1.8575	1.9641	2.2779	2.2354
Ho-168	1.9174	2.0413	2.2185	2.4103
Ho-168m	0.1543	0.1728	0.2444	0.2721
Ho-170	4.4251	4.6917	5.1643	5.3434
I-118m	5.9059	6.1959	6.9993	7.7818
I-118	2.0142	2.1158	2.3854	2.6545
I-119	1.8511	1.9352	2.0611	2.1711
I-120	2.3952	2.5518	2.8106	3.0319
I-120m	5.0578	5.3222	6.0065	6.6287
I-121	2.0387	2.1625	2.3436	2.4543
I-122	0.4191	0.4467	0.4925	0.5459
I-123	1.9145	2.0248	2.1905	2.1615
I-124	1.7178	1.8198	1.9917	2.2788
I-125	0.8440	0.9340	0.9322	1.1415
I-126	1.2951	1.3768	1.5056	1.6968
I-128	0.2252	0.2424	0.2678	0.2800
I-129	0.5071	0.5456	0.5392	0.6888
I-130m	0.3532	0.3802	0.4336	0.4770
I-130	4.6879	4.9421	5.5234	6.0585
I-131	1.5368	1.6393	1.5903	1.9264
I-132	4.2164	4.4431	4.8862	5.4731
I-132m	1.0633	1.1321	1.2611	1.4390
I-133	1.4525	1.5457	1.7668	1.7960
I-134m	1.8594	1.9578	2.0926	2.2271
I-134	4.3671	4.6487	5.0464	5.4690
I-135	1.9237	2.0696	2.2478	2.3806
In-103	3.1241	3.3235	3.6307	3.8181

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
In-105	2.6959	2.8280	3.1271	3.2927
In-106	5.0878	5.3684	5.9707	6.6134
In-106m	2.3191	2.4353	2.6986	3.0788
In-107	2.3876	2.5686	2.8096	2.9489
In-108	6.5449	6.9442	7.6159	8.3851
In-108m	2.3366	2.4809	2.7317	3.0861
In-109	2.3840	2.5578	2.7891	2.9774
In-109m	1.3447	1.3888	1.5759	1.8664
In-110	5.9091	6.2722	6.8904	7.7723
In-110m	1.7263	1.8140	2.0159	2.3645
In-111	3.3446	3.5322	3.7926	3.8468
In-111m	1.2443	1.3247	1.5207	1.5585
In-112	0.2079	0.2342	0.2468	0.3035
In-112m	0.4920	0.5474	0.5772	0.6234
In-113m	1.0184	1.1006	1.2009	1.2992
In-114	0.0047	0.0053	0.0056	0.0064
In-114m	0.5318	0.5806	0.6311	0.6810
In-115	0.0000	0.0000	0.0000	0.0000
In-115m	0.8413	0.9066	1.0445	1.0568
In-116m	3.0991	3.3439	3.6397	3.8369
In-117	2.8754	3.0145	3.4055	3.3396
In-117m	0.6531	0.6949	0.7929	0.7655
In-118m	3.9310	4.2064	4.6476	4.9886
In-118	0.0966	0.1047	0.1150	0.1199
In-119	1.5081	1.6151	1.7216	1.9440
In-119m	0.1471	0.1623	0.1829	0.1982
In-121	1.5913	1.6902	1.8474	1.9907
In-121m	0.4727	0.5143	0.5138	0.5443
Ir-180	3.6199	3.7859	4.2781	4.5110
Ir-182	3.4478	3.6079	4.0685	4.2316
Ir-183	3.3513	3.5592	3.9534	4.2255
Ir-184	5.2049	5.4947	6.1095	6.4345
Ir-185	2.8644	3.0591	3.4987	3.7981
Ir-186	5.0328	5.3003	5.9818	6.2102
Ir-186m	2.9047	3.0620	3.4051	3.6517
Ir-187	1.9437	2.0692	2.3593	2.5498
Ir-188	3.6021	3.8288	4.2097	4.4470
Ir-189	1.2341	1.3171	1.5322	1.6769
Ir-190	5.6705	5.9869	6.7693	7.0951
Ir-190m	0.0562	0.0783	0.2128	0.2844
Ir-190n	1.0316	1.0948	1.2375	1.3400
Ir-191m	1.2269	1.2946	1.6048	1.7465
Ir-192	3.3624	3.5418	4.1792	4.0797

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Ir-192m	0.0666	0.0917	0.2411	0.3298
Ir-192n	0.1470	0.1995	0.5096	0.6946
Ir-193m	0.0613	0.0834	0.2160	0.2876
Ir-194	0.3102	0.3265	0.3843	0.3800
Ir-194m	7.1325	7.5252	8.7116	9.0167
Ir-195	1.0029	1.0731	1.2490	1.3798
Ir-195m	1.9913	2.1096	2.4215	2.5435
Ir-196	0.6245	0.6642	0.7459	0.7699
Ir-196m	7.5321	7.9943	9.0995	9.6295
K-38	1.3647	1.4824	1.5545	1.6347
K-40	0.1518	0.1641	0.1741	0.1895
K-42	0.2613	0.2808	0.2917	0.3194
K-43	2.7828	2.9176	3.3195	3.6247
K-44	2.1513	2.3190	2.5150	2.6542
K-45	2.6642	2.8294	3.0558	3.0851
K-46	2.1293	2.3133	2.4930	2.6035
Kr-74	2.0822	2.1928	2.5178	2.6285
Kr-75	1.9579	2.0099	2.3389	2.3233
Kr-76	2.1732	2.3277	2.9010	3.1494
Kr-77	2.1083	2.1374	2.5264	2.4716
Kr-79	0.7703	0.8425	1.1411	1.3825
Kr-81	0.1368	0.1804	0.4117	0.6240
Kr-81m	1.1856	1.2543	1.4588	1.4995
Kr-83m	0.0582	0.0776	0.1805	0.2709
Kr-85	0.0059	0.0064	0.0073	0.0072
Kr-85m	1.4698	1.5202	1.7429	1.6395
Kr-87	1.1357	1.2190	1.3156	1.4062
Kr-88	1.9934	2.1437	2.3122	2.4406
Kr-89	2.4701	2.6299	2.8804	3.0446
La-128	4.5132	4.7696	5.3398	5.5652
La-129	1.7531	1.8421	2.0016	2.1292
La-130	3.2108	3.4116	3.8263	4.0133
La-131	2.1980	2.3232	2.5029	2.7229
La-132	2.7898	2.9781	3.2805	3.4855
La-132m	2.4525	2.5562	2.8663	3.0255
La-133	0.7022	0.7468	0.8117	1.0097
La-134	0.3015	0.3180	0.3290	0.4087
La-135	0.5581	0.5909	0.5881	0.7622
La-136	0.3904	0.4138	0.4120	0.5299
La-137	0.5131	0.5432	0.5381	0.7068
La-138	1.6929	1.8194	1.8997	2.1317
La-140	3.0282	3.2390	3.4872	3.6851
La-141	0.0273	0.0296	0.0316	0.0337

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
La-142	2.1545	2.2906	2.4942	2.7290
La-143	0.3101	0.3304	0.3605	0.3938
Lu-165	3.3781	3.5655	3.9485	3.9680
Lu-167	3.6709	3.9189	4.3037	4.4496
Lu-169m	0.0404	0.0566	0.1558	0.2060
Lu-169	3.4578	3.6907	4.0602	4.1229
Lu-170	3.4279	3.6863	4.0323	4.1461
Lu-171m	0.0484	0.0656	0.1698	0.2223
Lu-171	2.8025	3.0071	3.3931	3.6166
Lu-172	4.8018	5.1239	5.6939	5.8837
Lu-172m	0.0364	0.0509	0.1401	0.1852
Lu-173	2.4407	2.5912	2.8387	2.7607
Lu-174	1.1142	1.1961	1.3513	1.3332
Lu-174m	1.1213	1.2165	1.4852	1.5698
Lu-176	3.3662	3.5496	4.1260	4.0724
Lu-176m	0.2636	0.2858	0.3460	0.3741
Lu-177	0.3637	0.3823	0.4292	0.4348
Lu-177m	7.3761	7.7516	8.6721	8.6582
Lu-178	0.3111	0.3370	0.3814	0.4065
Lu-178m	6.2181	6.5870	7.3962	7.4485
Lu-179	0.2235	0.2337	0.2580	0.2585
Lu-180	3.1437	3.3673	3.7432	3.8983
Lu-181	2.2696	2.4032	2.7759	2.9579
Mg-27	1.4674	1.5678	1.6891	1.8262
Mg-28	2.3605	2.5344	2.6730	2.9388
Mn-50m	4.8245	5.1732	5.5757	6.0342
Mn-51	0.0084	0.0093	0.0123	0.0143
Mn-52	4.3396	4.6471	5.0509	5.5319
Mn-52m	1.4244	1.5391	1.6268	1.7533
Mn-53	0.0326	0.0456	0.1258	0.1662
Mn-54	1.4724	1.5869	1.7545	1.9477
Mn-56	2.0317	2.1807	2.3040	2.5001
Mn-57	0.4842	0.5203	0.7036	0.8197
Mn-58m	3.2180	3.4657	3.7017	3.9597
Mo-101	2.4763	2.6415	2.9379	3.1299
Mo-102	0.1606	0.1670	0.1854	0.1819
Mo-89	0.3084	0.3308	0.3603	0.4053
Mo-90	3.2165	3.4036	3.7551	4.2135
Mo-91m	1.3479	1.4272	1.5701	1.7960
Mo-91	0.0282	0.0341	0.0362	0.0589
Mo-93	0.2349	0.3107	0.3332	0.6666
Mo-93m	3.7912	4.0163	4.3291	4.8569
Mo-99	0.4548	0.4804	0.5234	0.5653

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
N-13	0.0000	0.0000	0.0000	0.0000
N-16	0.9452	1.0386	1.0987	1.1280
Na-22	1.4435	1.5737	1.7124	1.7893
Na-24	2.7646	2.9959	3.1902	3.3146
Nb-87	2.2324	2.3684	2.6709	2.8774
Nb-88m	5.1788	5.5210	6.1056	6.5598
Nb-88	6.2332	6.6575	7.4178	8.0420
Nb-89	0.5085	0.5616	0.6082	0.7214
Nb-89m	1.2748	1.3779	1.5804	1.6172
Nb-90	4.2816	4.5952	5.0381	5.4040
Nb-91	0.2225	0.2963	0.3454	0.6991
Nb-91m	0.2367	0.3039	0.3285	0.6133
Nb-92	3.0744	3.3144	3.7354	4.3101
Nb-92m	1.7217	1.8953	2.0968	2.5816
Nb-93m	0.0442	0.0586	0.0682	0.1305
Nb-94m	0.1676	0.2198	0.2377	0.4651
Nb-94	2.8409	3.0046	3.2610	3.6530
Nb-95	1.4225	1.5137	1.6020	1.7932
Nb-95m	0.5780	0.6448	0.6926	0.9229
Nb-96	4.5303	4.8286	5.2792	5.6744
Nb-97	1.4183	1.4658	1.6579	1.9524
Nb-98m	4.4520	4.7437	5.0905	5.5993
Nb-99	2.2916	2.4056	2.6381	2.7777
Nb-99m	0.9456	1.0145	1.0937	1.1735
Nd-134	2.5162	2.6348	2.8906	2.9960
Nd-135	2.8693	3.0313	3.3502	3.5963
Nd-136	1.9555	2.0591	2.2149	2.5824
Nd-137	2.4739	2.6143	2.8205	3.1678
Nd-138	0.6796	0.7175	0.7564	0.9575
Nd-139	0.7862	0.8331	0.8885	1.0703
Nd-139m	3.9954	4.2202	4.5543	5.1174
Nd-140	0.5862	0.6196	0.6445	0.8442
Nd-141	0.6139	0.6492	0.6763	0.8762
Nd-141m	1.3535	1.4364	1.5286	1.7285
Nd-144	0.0000	0.0000	0.0000	0.0000
Nd-147	1.0710	1.1349	1.2132	1.3551
Nd-149	2.2134	2.3138	2.5567	2.6678
Nd-151	2.6564	2.7839	3.0559	3.1952
Nd-152	0.9308	0.9752	1.0901	1.1436
Ne-19	0.0003	0.0003	0.0003	0.0003
Ne-24	1.4801	1.5883	1.7984	1.7856
Ni-56	4.8748	5.1615	5.7427	5.8816
Ni-57	1.7287	1.8589	2.0824	2.2224

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Ni-59	0.0565	0.0791	0.2181	0.2882
Ni-63	0.0000	0.0000	0.0000	0.0000
Ni-65	0.6507	0.6995	0.7540	0.8050
Ni-66	0.0000	0.0000	0.0000	0.0000
Np-232	4.1391	4.4788	5.0575	5.6460
Np-233	1.3184	1.4469	1.6058	1.8839
Np-234	2.2836	2.5028	2.7649	3.2516
Np-235	0.1503	0.1972	0.3223	0.5206
Np-236	2.2862	2.5591	3.0267	3.7527
Np-236m	0.6956	0.7686	0.8642	1.0427
Np-237	0.6131	0.7061	0.8871	1.2247
Np-238	1.0242	1.1253	1.3083	1.5473
Np-239	2.0156	2.1910	2.4837	2.8479
Np-240	3.1259	3.4027	3.9149	4.5596
Np-240m	0.8112	0.8862	1.0469	1.2626
Np-241	0.5002	0.5460	0.6157	0.7146
Np-242	0.3590	0.3886	0.4261	0.4903
Np-242m	2.5352	2.7861	3.1563	3.7624
O-14	1.3452	1.4624	1.5221	1.5906
O-15	0.0000	0.0000	0.0000	0.0000
O-19	2.4461	2.5953	2.8556	2.8877
Os-180	1.3519	1.4582	1.6971	1.8758
Os-181	4.2734	4.5211	4.9497	5.2269
Os-182	2.6710	2.8369	3.2585	3.3109
Os-183	3.8897	4.1207	4.5635	4.7604
Os-183m	2.3096	2.4680	2.7442	2.9030
Os-185	2.2823	2.3884	2.6852	3.0224
Os-186	0.0000	0.0000	0.0000	0.0000
Os-189m	0.0536	0.0748	0.2040	0.2718
Os-190m	5.5839	5.9047	6.8959	7.1709
Os-191	1.3490	1.4188	1.7317	1.8703
Os-191m	0.1609	0.1872	0.3196	0.3934
Os-193	0.4760	0.5041	0.5919	0.6237
Os-194	0.0980	0.1192	0.2320	0.3043
Os-196	0.5387	0.5629	0.6344	0.6595
P-30	0.0010	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	0.4005	0.4465	0.5413	0.6870
Pa-228	4.0663	4.4191	5.0704	5.8113
Pa-229	1.0740	1.1824	1.3525	1.6238
Pa-230	2.2755	2.4841	2.8411	3.3008
Pa-231	0.4545	0.5387	0.7888	1.1004

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Pa-232	2.1945	2.3786	2.7290	3.0986
Pa-233	1.6400	1.7890	2.1383	2.4126
Pa-234	4.2207	4.5543	5.1657	5.9059
Pa-234m	0.0348	0.0378	0.0425	0.0489
Pa-235	0.0192	0.0268	0.0737	0.0976
Pa-236	1.5618	1.6783	1.9157	2.2902
Pa-237	1.2216	1.3084	1.4661	1.5726
Pb-194	3.5198	3.7278	4.1859	4.4816
Pb-195m	4.9419	5.2721	6.0222	6.5892
Pb-196	3.0790	3.2508	3.6671	3.8466
Pb-197	3.4287	3.6611	4.0562	4.3605
Pb-197m	4.3009	4.5770	5.1988	5.6369
Pb-198	2.9679	3.1306	3.5748	3.7495
Pb-199	2.8291	3.0102	3.3800	3.6108
Pb-200	2.4920	2.6191	3.0241	3.1865
Pb-201	3.2296	3.4183	3.9494	4.1019
Pb-201m	1.2026	1.2503	1.4477	1.6829
Pb-202	0.0574	0.0791	0.2084	0.2857
Pb-202m	4.3886	4.6769	5.2033	5.6377
Pb-203	2.5239	2.6499	3.0092	3.1447
Pb-204m	4.1859	4.4636	4.9178	5.2447
Pb-205	0.0581	0.0801	0.2110	0.2892
Pb-209	0.0000	0.0000	0.0000	0.0000
Pb-210	0.1136	0.1410	0.2702	0.3799
Pb-211	0.1650	0.1763	0.1927	0.2087
Pb-212	1.2660	1.3252	1.4673	1.5496
Pb-214	1.3766	1.4547	1.6933	1.7436
Pd-100	2.1685	2.3722	2.3781	2.7790
Pd-101	1.3423	1.5271	1.5965	1.9954
Pd-103	0.3109	0.3920	0.3679	0.5746
Pd-107	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.0614	1.1347	1.2424	1.2742
Pd-109	0.2141	0.2523	0.2555	0.3285
Pd-111	0.0999	0.1061	0.1163	0.1257
Pd-112	0.1117	0.1449	0.1498	0.2659
Pd-114	0.2040	0.2094	0.2351	0.2346
Pd-96	3.0667	3.2408	3.5665	3.8665
Pd-97	2.8291	3.0239	3.2608	3.4646
Pd-98	2.2093	2.3895	2.5096	2.8625
Pd-99	2.4997	2.6258	2.8959	3.0524
Pm-136	4.3297	4.5850	5.1004	5.4879
Pm-137m	4.5622	4.8056	5.2819	5.5654
Pm-139	0.7296	0.7772	0.8407	0.9498



<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Pm-140m	4.6241	4.9352	5.3796	5.8364
Pm-140	0.3000	0.3196	0.3453	0.3851
Pm-141	0.5668	0.6032	0.6437	0.7644
Pm-142	0.2061	0.2185	0.2296	0.2852
Pm-143	1.1606	1.2271	1.3058	1.5896
Pm-144	4.0657	4.2515	4.7515	5.4847
Pm-145	0.6385	0.6753	0.7164	0.9184
Pm-146	2.1430	2.2783	2.4913	2.7626
Pm-147	0.0001	0.0001	0.0001	0.0001
Pm-148	0.8293	0.8845	0.9708	1.0379
Pm-148m	4.6769	4.9023	5.5605	6.1075
Pm-149	0.0556	0.0581	0.0666	0.0669
Pm-150	2.6250	2.7999	3.1479	3.2389
Pm-151	1.7196	1.8095	2.0140	2.0957
Pm-152m	4.1964	4.3926	4.8386	5.0656
Pm-152	0.7421	0.7745	0.8608	0.9198
Pm-153	0.9475	0.9776	1.0966	1.1659
Pm-154	2.2736	2.4354	2.6360	2.8413
Pm-154m	3.8918	4.1262	4.4955	4.7526
Po-203	3.7651	4.0148	4.4930	4.8640
Po-204	4.7849	5.0841	5.8949	6.4400
Po-205	3.6306	3.8668	4.2910	4.6767
Po-206	4.0002	4.2729	5.0077	5.4067
Po-207	3.2921	3.4978	3.9239	4.2741
Po-208	0.0001	0.0001	0.0001	0.0001
Po-209	0.0268	0.0292	0.0385	0.0438
Po-210	0.0000	0.0000	0.0000	0.0000
Po-211	0.0161	0.0171	0.0190	0.0206
Po-212m	0.0630	0.0673	0.0735	0.0772
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	0.0007
Po-216	0.0000	0.0000	0.0000	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000
Pr-134	5.9070	6.2402	6.9706	7.5006
Pr-134m	2.6435	2.8254	3.0833	3.3133
Pr-135	1.7481	1.8374	1.9960	2.2032
Pr-136	2.9004	3.0806	3.4548	3.6767
Pr-137	0.5962	0.6314	0.6583	0.8164
Pr-138	0.2054	0.2176	0.2246	0.2821
Pr-138m	4.9299	5.2338	5.7671	6.1685
Pr-139	0.5506	0.5821	0.5956	0.7794

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Pr-140	0.2930	0.3096	0.3168	0.4149
Pr-142	0.0519	0.0556	0.0570	0.0633
Pr-142m	0.0026	0.0036	0.0099	0.0131
Pr-143	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0327	0.0347	0.0375	0.0420
Pr-144m	0.2428	0.2600	0.2942	0.3850
Pr-145	0.0416	0.0440	0.0478	0.0537
Pr-146	1.5215	1.6311	1.7791	1.8744
Pr-147	2.1338	2.2435	2.4647	2.7501
Pr-148	1.9732	2.0874	2.3657	2.4106
Pr-148m	2.8991	3.0529	3.4949	3.5509
Pt-184	5.3670	5.6678	6.4437	6.7681
Pt-186	2.8456	2.9916	3.3561	3.7062
Pt-187	3.3255	3.5209	3.9569	4.2121
Pt-188	2.2216	2.3552	2.6864	2.8375
Pt-189	2.9804	3.1525	3.5677	3.8522
Pt-190	0.0000	0.0000	0.0000	0.0000
Pt-191	2.6064	2.7608	3.1120	3.3195
Pt-193	0.0599	0.0828	0.2207	0.2998
Pt-193m	0.2540	0.2880	0.4498	0.5468
Pt-195m	1.3784	1.4931	1.8697	2.1268
Pt-197	0.3921	0.4237	0.5513	0.6260
Pt-197m	0.9232	1.0007	1.2901	1.4570
Pt-199	0.7006	0.7423	0.8573	0.8761
Pt-200	0.7886	0.8386	1.0090	1.1009
Pt-202	0.0000	0.0000	0.0000	0.0000
Pu-232	0.9765	1.0717	1.1871	1.3959
Pu-234	1.0744	1.1834	1.3229	1.5741
Pu-235	1.3802	1.5267	1.7246	2.0783
Pu-236	0.0483	0.0635	0.0966	0.1616
Pu-237	0.8621	0.9653	1.1231	1.4047
Pu-238	0.0442	0.0583	0.0890	0.1492
Pu-239	0.0230	0.0304	0.0527	0.0826
Pu-240	0.0417	0.0549	0.0838	0.1403
Pu-241	0.0000	0.0000	0.0000	0.0000
Pu-242	0.0358	0.0471	0.0719	0.1204
Pu-243	0.4087	0.4419	0.4843	0.5599
Pu-244	0.0594	0.0707	0.0943	0.1362
Pu-245	1.5161	1.6158	1.8442	1.9611
Pu-246	1.7139	1.8467	2.0586	2.3389
Ra-219	0.9989	1.0565	1.2562	1.2564
Ra-220	0.0141	0.0151	0.0171	0.0171
Ra-221	0.5084	0.5517	0.6914	0.7952

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Ra-222	0.0442	0.0466	0.0562	0.0540
Ra-223	1.3929	1.4811	1.7034	1.8367
Ra-224	0.0711	0.0740	0.0799	0.0836
Ra-225	0.2950	0.3234	0.3798	0.5438
Ra-226	1.4980	1.6217	1.6716	1.7367
Ra-227	0.9516	1.0563	1.3262	1.6101
Ra-228	1.5043	1.6204	1.6173	1.8620
Ra-230	0.6769	0.7280	0.8257	0.9115
Rb-77	2.0337	2.1372	2.3008	2.4157
Rb-78m	3.5433	3.7813	4.1624	4.4569
Rb-78	2.6400	2.8390	3.1524	3.2738
Rb-79	2.3895	2.5069	2.9281	3.0767
Rb-80	0.4105	0.4244	0.4896	0.5733
Rb-81	0.7049	0.7794	1.0159	1.2128
Rb-81m	0.2193	0.2616	0.4059	0.6209
Rb-82	0.2382	0.2559	0.2788	0.3192
Rb-82m	4.8354	5.1556	5.8167	6.5298
Rb-83	1.3995	1.5254	1.9515	2.2123
Rb-84	1.1209	1.2220	1.4529	1.7243
Rb-84m	1.9438	2.0463	2.2765	2.3954
Rb-86m	1.3614	1.4345	1.6568	1.7503
Rb-86	0.1280	0.1371	0.1525	0.1611
Rb-87	0.0000	0.0000	0.0000	0.0000
Rb-88	0.5691	0.6123	0.6488	0.6970
Rb-89	2.4440	2.6254	2.8775	3.0481
Rb-90	1.2994	1.4038	1.5145	1.5832
Rb-90m	2.9754	3.2010	3.4197	3.6444
Re-178	3.0324	3.2228	3.5607	3.7290
Re-179	3.7879	4.0226	4.5013	4.6282
Re-180	3.0943	3.3090	3.6495	3.9069
Re-181	3.5758	3.7987	4.2980	4.4874
Re-182	7.2821	7.7103	8.5670	8.7759
Re-182m	3.5939	3.8372	4.1973	4.3825
Re-183	2.3186	2.4698	2.8387	2.9374
Re-184	2.7837	2.9652	3.2486	3.4711
Re-184m	2.3456	2.4983	2.8618	3.0227
Re-186	0.2928	0.3037	0.3542	0.3589
Re-186m	0.4224	0.4932	0.8387	1.0326
Re-187	0.0000	0.0000	0.0000	0.0000
Re-188	0.3890	0.4069	0.4630	0.4544
Re-188m	1.2900	1.3875	1.6374	1.7901
Re-189	0.4238	0.4461	0.5111	0.5285
Re-190	4.3234	4.5581	5.1022	5.3580

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Re-190m	3.4743	3.6664	4.1736	4.3770
Rh-100m	0.6047	0.7150	0.6937	0.9749
Rh-100	3.6007	3.9139	4.2380	4.6753
Rh-101	2.8695	3.0275	3.3914	3.5953
Rh-101m	1.6048	1.7482	1.9964	2.1591
Rh-102	1.0422	1.1525	1.2675	1.4321
Rh-102m	4.7416	5.0794	5.6301	6.3135
Rh-103m	0.0374	0.0475	0.0544	0.0813
Rh-104	0.0308	0.0328	0.0374	0.0404
Rh-104m	0.8861	0.9981	0.9858	1.1148
Rh-105	0.3697	0.3884	0.4695	0.4433
Rh-106	0.4756	0.5029	0.5771	0.6025
Rh-106m	5.3021	5.6514	6.2472	6.6152
Rh-107	1.4269	1.4975	1.7547	1.7090
Rh-108	0.8905	0.9457	1.0640	1.1280
Rh-109	1.5469	1.6309	1.8773	1.8517
Rh-94	3.4067	3.6492	3.9461	4.2156
Rh-95	2.2773	2.4532	2.6537	2.9128
Rh-95m	1.3648	1.4560	1.6507	1.7271
Rh-96	5.4780	5.7938	6.3220	7.2097
Rh-96m	1.2708	1.3888	1.4557	1.6617
Rh-97	1.8490	2.0060	2.1730	2.3948
Rh-97m	2.9731	3.2194	3.4674	3.7740
Rh-98	1.6203	1.6899	1.8933	2.2245
Rh-99	2.2867	2.5136	2.7250	3.1010
Rh-99m	1.9037	2.0739	2.3303	2.5898
Rn-207	2.9327	3.1087	3.5327	3.8206
Rn-209	3.2375	3.4504	3.8540	4.2048
Rn-210	0.2223	0.2369	0.2719	0.2988
Rn-211	4.1082	4.3700	4.8939	5.4131
Rn-212	0.0007	0.0007	0.0008	0.0010
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	0.0018	0.0021	0.0024
Rn-219	0.2880	0.3025	0.3356	0.3480
Rn-220	1.5392	1.6305	1.6685	1.8711
Rn-222	0.0011	0.0011	0.0013	0.0013
Rn-223	1.3046	1.4061	1.6905	1.9596
Ru-103	1.3541	1.4520	1.6710	1.6223
Ru-105	1.9376	2.0476	2.2786	2.4686
Ru-106	0.0000	0.0000	0.0000	0.0000
Ru-107	0.8196	0.8708	0.9603	1.0017

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Ru-108	0.6787	0.7129	0.7843	0.7553
Ru-92	5.9752	6.3488	6.8639	7.4248
Ru-94	1.7384	1.9129	2.1063	2.4459
Ru-95	2.5571	2.7628	3.1149	3.4410
Ru-97	1.8735	2.0300	2.2076	2.4923
S-35	0.0000	0.0000	0.0000	0.0000
S-37	1.2583	1.3518	1.4940	1.4641
S-38	1.2025	1.3024	1.3707	1.4611
Sb-111	2.3028	2.4334	2.7088	2.6426
Sb-113	1.6596	1.7885	2.0330	2.0035
Sb-114	2.3062	2.4981	2.7104	2.8686
Sb-115	1.6483	1.7903	2.0220	1.9983
Sb-116	2.0261	2.2079	2.3767	2.5253
Sb-116m	5.7380	6.1688	6.7466	7.1168
Sb-117	1.8527	1.9714	2.1478	2.0707
Sb-118	0.1592	0.1791	0.1878	0.2093
Sb-118m	5.3566	5.7429	6.1816	6.5944
Sb-119	0.4484	0.5205	0.5448	0.6413
Sb-120	0.2466	0.2818	0.2904	0.3327
Sb-120m	6.0625	6.4944	7.0544	7.3549
Sb-122m	1.3256	1.4160	1.4116	1.5041
Sb-122	1.0690	1.1239	1.2900	1.3852
Sb-124	2.6503	2.7858	3.0814	3.4658
Sb-124m	1.0542	1.1054	1.2845	1.4116
Sb-124n	0.0090	0.0125	0.0345	0.0456
Sb-125	1.5408	1.6375	1.8028	1.9870
Sb-126	6.0957	6.3980	7.0925	8.0049
Sb-126m	3.6426	3.8249	4.2537	4.8064
Sb-127	1.7078	1.8018	1.9899	2.1576
Sb-128	6.7821	7.1450	7.9682	8.6699
Sb-128m	4.4080	4.6581	5.1903	5.5200
Sb-129	2.3654	2.5199	2.7381	2.9524
Sb-130m	5.1052	5.4421	5.8610	6.2725
Sb-130	7.3136	7.7690	8.5250	8.9126
Sb-131	2.9643	3.1477	3.4591	3.7495
Sb-133	3.1148	3.3434	3.6198	3.8543
Sc-42m	4.2373	4.5688	4.9457	5.2213
Sc-43	0.3205	0.3414	0.3914	0.4045
Sc-44	1.4797	1.5984	1.7642	1.8536
Sc-44m	1.3619	1.4138	1.5631	1.5651
Sc-46	2.9307	3.1422	3.4339	3.6647
Sc-47	1.1327	1.1769	1.3081	1.1872
Sc-48	4.5444	4.8734	5.3809	5.6792

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Sc-49	0.0008	0.0009	0.0009	0.0010
Sc-50	4.1267	4.4249	4.8394	5.0880
Se-70	1.6429	1.7970	2.3714	2.6100
Se-71	1.6028	1.6811	1.8793	1.8827
Se-72	0.7277	0.8240	1.2220	1.4638
Se-73	2.3481	2.4897	2.8344	2.9451
Se-73m	0.2454	0.2673	0.3500	0.4032
Se-75	2.8952	3.0175	3.6573	3.7940
Se-77m	0.9415	0.9969	1.2151	1.2123
Se-79m	0.2428	0.2888	0.4931	0.6519
Se-79	0.0000	0.0000	0.0000	0.0000
Se-81	0.0281	0.0294	0.0331	0.0335
Se-81m	0.3024	0.3524	0.5600	0.7219
Se-83m	1.4453	1.5365	1.7095	1.8251
Se-83	4.8230	5.1367	5.6880	5.9126
Se-84	1.4034	1.5026	1.6531	1.7551
Si-31	0.0010	0.0011	0.0012	0.0013
Si-32	0.0000	0.0000	0.0000	0.0000
Sm-139	2.2975	2.4146	2.7102	2.8441
Sm-140	1.4421	1.5206	1.6593	1.8680
Sm-141	1.9748	2.1134	2.3075	2.5144
Sm-141m	4.2297	4.4870	4.9094	5.2845
Sm-142	0.6099	0.6454	0.6899	0.8808
Sm-143	0.4161	0.4410	0.4727	0.5893
Sm-143m	1.3495	1.4312	1.5271	1.7287
Sm-145	1.2982	1.3708	1.4476	1.8116
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	0.0005	0.0010	0.0013
Sm-153	1.1059	1.1765	1.2395	1.3916
Sm-155	1.4199	1.5099	1.5697	1.6626
Sm-156	1.2230	1.2916	1.4312	1.4803
Sm-157	2.1336	2.2467	2.4879	2.5483
Sn-106	3.1498	3.3686	3.6617	3.8680
Sn-108	3.0516	3.2595	3.5343	3.7631
Sn-109	2.8201	3.0575	3.3083	3.5544
Sn-110	1.8151	1.9349	2.1408	2.1946
Sn-111	0.4451	0.5025	0.5211	0.5997
Sn-113	0.3849	0.4468	0.4521	0.5410
Sn-113m	0.2608	0.3006	0.3128	0.3645
Sn-117m	1.8066	1.9150	2.0979	2.0031
Sn-119m	0.2899	0.3396	0.3681	0.4376

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Sn-121	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.1013	0.1147	0.1275	0.1560
Sn-123	0.0094	0.0101	0.0112	0.0118
Sn-123m	1.4811	1.5445	1.7100	1.5740
Sn-125m	1.4810	1.5614	1.8629	1.7931
Sn-125	0.4813	0.5154	0.5663	0.5990
Sn-126	0.9768	1.0477	1.0820	1.1641
Sn-127m	1.3535	1.4551	1.6583	1.6144
Sn-127	3.0225	3.2272	3.5428	3.7198
Sn-128	2.7754	2.9860	3.2145	3.4191
Sn-129	1.8442	1.9237	2.1592	2.4755
Sn-130	3.6581	3.8728	4.1499	4.3474
Sn-130m	2.1723	2.3027	2.4842	2.6302
Sr-79	1.3376	1.4204	1.6208	1.8389
Sr-80	1.1390	1.2280	1.5362	1.8652
Sr-81	2.2285	2.3328	2.6446	2.6410
Sr-82	0.1577	0.2057	0.3851	0.6606
Sr-83	1.3046	1.4415	1.7838	2.2671
Sr-85	1.4698	1.6099	2.0094	2.2518
Sr-85m	1.5821	1.6490	1.8197	1.8708
Sr-87m	1.1698	1.2568	1.4133	1.5459
Sr-89	0.0001	0.0001	0.0002	0.0002
Sr-90	0.0000	0.0000	0.0000	0.0000
Sr-91	1.1879	1.2571	1.3868	1.5244
Sr-92	1.4791	1.5987	1.7103	1.8215
Sr-93	3.8022	4.0322	4.4564	4.8436
Sr-94	1.4792	1.5952	1.6904	1.8288
Ta-170	1.5120	1.6175	1.7939	1.8839
Ta-172	3.6027	3.8445	4.2525	4.4134
Ta-173	2.5038	2.6673	2.9827	3.0464
Ta-174	2.7644	2.9436	3.2850	3.3657
Ta-175	3.7060	3.9295	4.3232	4.4082
Ta-176	3.6330	3.8965	4.2775	4.4885
Ta-177	1.1309	1.2028	1.3272	1.3386
Ta-178	1.1588	1.2393	1.3717	1.3965
Ta-178m	7.4015	7.8454	8.8069	8.8472
Ta-179	0.5089	0.5491	0.6489	0.6762
Ta-180	0.9325	0.9966	1.1047	1.1224
Ta-182	3.2244	3.4416	3.7650	3.9157
Ta-182m	3.1551	3.3324	3.8900	3.8767
Ta-183	2.8978	3.0703	3.5034	3.6128
Ta-184	5.2636	5.5808	6.2440	6.5227
Ta-185	1.6300	1.7272	2.0051	2.0395

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Ta-186	5.1845	5.4473	6.1294	6.3595
Tb-146	3.0595	3.2785	3.4977	3.7838
Tb-147m	1.9721	2.1243	2.2730	2.4662
Tb-147	3.6453	3.8632	4.2754	4.5595
Tb-148m	6.4721	6.8517	7.4888	8.2960
Tb-148	2.7993	2.9910	3.2225	3.5031
Tb-149m	2.7478	2.9158	3.1316	3.4893
Tb-149	3.2646	3.4639	3.8218	4.0393
Tb-150m	6.4763	6.8015	7.6651	8.4249
Tb-150	3.1946	3.3776	3.7341	4.1417
Tb-151	4.2259	4.4577	4.9227	5.2292
Tb-151m	0.5324	0.5908	0.7843	0.8569
Tb-152m	3.7400	3.9495	4.4415	4.5434
Tb-152	2.8954	3.0767	3.4435	3.6127
Tb-153	2.4780	2.6207	2.8920	3.0777
Tb-154	3.3616	3.5760	3.9127	4.1895
Tb-155	2.4363	2.5782	2.7922	2.9650
Tb-156	5.0224	5.3520	5.9485	6.2496
Tb-156m	0.7773	0.8273	0.8640	0.7618
Tb-156n	0.0978	0.1127	0.1819	0.2189
Tb-157	0.1200	0.1352	0.1996	0.2416
Tb-158	2.3704	2.5239	2.7888	3.0182
Tb-160	2.4480	2.6077	2.9010	3.0217
Tb-161	0.7155	0.7773	0.8838	0.9293
Tb-162	3.2455	3.4180	3.6910	3.8692
Tb-163	2.7332	2.9005	3.3032	3.3627
Tb-164	5.3773	5.6793	6.2827	6.6879
Tb-165	1.1905	1.2835	1.4254	1.4919
Tc-101	1.5686	1.6426	1.9500	1.8708
Tc-102m	3.5726	3.8105	4.2250	4.4758
Tc-102	0.1636	0.1750	0.1966	0.2017
Tc-104	3.4431	3.6702	4.0907	4.2232
Tc-105	2.6106	2.7535	3.0533	3.1351
Tc-91	1.2776	1.3795	1.4586	1.5736
Tc-91m	0.9171	0.9874	1.1202	1.1150
Tc-92	5.7311	6.0690	6.6404	6.9083
Tc-93	1.6828	1.8732	1.9748	2.3756
Tc-93m	1.3191	1.4383	1.5573	1.7492
Tc-94	4.7424	5.0938	5.4780	6.3200
Tc-94m	1.7552	1.8974	2.0251	2.2749
Tc-95	1.7006	1.8733	1.9773	2.4779
Tc-95m	2.3890	2.5839	2.8261	3.2535
Tc-96	4.6197	5.0026	5.2902	6.0698



<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Tc-96m	0.2085	0.2549	0.2632	0.4134
Tc-97	0.2493	0.3259	0.3349	0.6343
Tc-97m	0.2067	0.2661	0.2661	0.4698
Tc-98	2.8675	2.9962	3.3043	3.8233
Tc-99	0.0000	0.0000	0.0000	0.0000
Tc-99m	1.4904	1.5191	1.7347	1.6629
Te-113	1.5799	1.6970	1.8281	1.9723
Te-114	2.4247	2.6133	2.7937	3.0283
Te-115	2.4040	2.5713	2.7906	3.0213
Te-115m	2.7155	2.9155	3.1360	3.4198
Te-116	1.2385	1.3587	1.3883	1.5621
Te-117	1.9388	2.0777	2.2180	2.4944
Te-118	0.3861	0.4361	0.4412	0.5246
Te-119	1.8361	1.9357	2.1358	2.5172
Te-119m	3.5567	3.7901	4.1440	4.2199
Te-121	1.7822	1.9053	2.1311	2.3219
Te-121m	1.6862	1.7870	1.9480	2.0260
Te-123	0.0084	0.0116	0.0307	0.0404
Te-123m	1.6723	1.7585	1.9313	1.8538
Te-125m	0.7082	0.7839	0.7904	0.9691
Te-127	0.0182	0.0194	0.0214	0.0224
Te-127m	0.2218	0.2471	0.2585	0.3156
Te-129	0.2627	0.2872	0.3275	0.3595
Te-129m	0.2192	0.2402	0.2527	0.3039
Te-131	1.8768	1.9585	2.1929	2.1420
Te-131m	3.1245	3.3275	3.5830	3.8331
Te-132	2.0542	2.1622	2.2847	2.3959
Te-133	2.4533	2.6066	2.9517	3.0118
Te-133m	3.5588	3.7774	4.1371	4.4342
Te-134	3.1829	3.3558	3.6644	3.8396
Th-223	1.1061	1.1991	1.3879	1.5993
Th-224	0.2098	0.2229	0.2550	0.2641
Th-226	0.1163	0.1291	0.1625	0.2056
Th-227	1.1112	1.2199	1.5154	1.8126
Th-228	0.0606	0.0732	0.1092	0.1620
Th-229	1.4409	1.6009	1.9942	2.4745
Th-230	1.2062	1.2873	1.2807	1.2551
Th-231	0.5101	0.6169	0.8668	1.2727
Th-232	1.4221	1.5389	1.6997	1.7488
Th-233	0.2362	0.2645	0.3419	0.4211
Th-234	0.1846	0.2052	0.2389	0.3004
Th-235	0.1471	0.1566	0.1736	0.1914
Th-236	0.2353	0.2542	0.2977	0.3452

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Ti-44	2.4738	2.5612	2.6081	2.6401
Ti-45	0.0073	0.0087	0.0157	0.0195
Ti-51	1.5178	1.5962	1.9238	1.8308
Ti-52	1.6996	1.7224	2.0279	2.0870
Tl-190	2.0647	2.1947	2.4477	2.6409
Tl-190m	5.4396	5.7353	6.4236	7.0290
Tl-194	2.1734	2.3029	2.5908	2.8037
Tl-194m	6.9502	7.3314	8.2205	9.0513
Tl-195	2.8127	3.0067	3.4536	3.7823
Tl-196	3.5757	3.8095	4.2090	4.5347
Tl-197	2.1975	2.3255	2.6258	2.8083
Tl-198	3.9221	4.1848	4.6127	4.9801
Tl-198m	4.4535	4.6910	5.4023	5.9375
Tl-199	2.1023	2.2221	2.5163	2.6671
Tl-200	3.6476	3.8834	4.3669	4.6284
Tl-201	1.5350	1.6267	1.8905	2.0470
Tl-202	2.3440	2.4982	2.8177	2.9742
Tl-204	0.0230	0.0245	0.0290	0.0321
Tl-206m	7.2977	7.6858	8.5701	9.0161
Tl-206	0.0012	0.0013	0.0015	0.0016
Tl-207	0.0039	0.0042	0.0045	0.0049
Tl-208	3.2611	3.4737	3.8209	4.0314
Tl-209	4.3876	4.6344	5.0708	5.2652
Tl-210	4.5949	4.9162	5.4440	5.7562
Tm-161	4.5418	4.8266	5.2835	5.2639
Tm-162	2.6140	2.8057	3.0459	3.1560
Tm-163	3.9819	4.2491	4.6227	4.6658
Tm-164	1.0328	1.1084	1.2169	1.2244
Tm-165	3.1121	3.2952	3.6380	3.6239
Tm-166	3.9185	4.1870	4.5988	4.7833
Tm-167	1.8203	1.9396	2.1872	2.1531
Tm-168	4.5233	4.8070	5.3040	5.4816
Tm-170	0.0774	0.0835	0.0995	0.1040
Tm-171	0.0125	0.0134	0.0151	0.0149
Tm-172	0.7615	0.8186	0.9157	0.9715
Tm-173	1.4249	1.5251	1.6735	1.7770
Tm-174	6.0234	6.3582	7.1795	7.2481
Tm-175	2.4851	2.6514	2.9851	3.0593
Tm-176	4.2057	4.4765	5.0029	5.1197
U-227	1.1740	1.2680	1.4432	1.6546
U-228	0.0841	0.0993	0.1316	0.1894
U-230	0.0601	0.0759	0.1144	0.1833
U-231	1.5021	1.7123	2.1108	2.7782

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
U-232	0.0484	0.0633	0.1006	0.1672
U-233	0.0256	0.0332	0.0543	0.0882
U-234	1.1794	1.2591	1.2388	1.1348
U-235	1.7180	1.8410	1.8545	1.9748
U-235m	0.0000	0.0000	0.0000	0.0000
U-236	0.0383	0.0505	0.0818	0.1372
U-237	1.9332	2.1119	2.3743	2.7558
U-238	1.1255	1.2149	1.2813	1.2887
U-239	0.7672	0.8097	0.8590	0.9453
U-240	0.1809	0.2221	0.3140	0.4730
U-242	0.2936	0.3092	0.3290	0.3448
V-47	0.0101	0.0111	0.0135	0.0149
V-48	3.0658	3.3008	3.6475	3.8745
V-49	0.0221	0.0309	0.0852	0.1126
V-50	1.4241	1.5335	1.6268	1.8149
V-52	1.4318	1.5474	1.6326	1.7600
V-53	1.5109	1.6112	1.7996	1.9058
W-177	4.8210	5.0950	5.7230	5.9041
W-178	0.3247	0.3565	0.4668	0.5155
W-179	1.0889	1.1726	1.3625	1.4688
W-179m	0.8320	0.8848	0.9989	1.0448
W-181	0.7885	0.8432	0.9546	0.9893
W-185m	0.4487	0.5056	0.8016	0.9374
W-185	0.0008	0.0009	0.0010	0.0010
W-187	1.5577	1.6333	1.8165	1.9306
W-188	0.0136	0.0143	0.0163	0.0166
W-190	2.1904	2.3074	2.5628	2.5710
Xe-120	2.0701	2.2175	2.3485	2.5855
Xe-121	1.8897	2.0060	2.1563	2.2816
Xe-122	0.7015	0.7570	0.7857	0.9058
Xe-123	1.9276	2.0294	2.2142	2.2633
Xe-125	2.2087	2.3388	2.4850	2.6300
Xe-127	2.4358	2.5783	2.8042	2.9077
Xe-127m	2.0948	2.1465	2.4066	2.4252
Xe-129m	0.9381	1.0095	1.0140	1.2667
Xe-131m	0.3829	0.4134	0.4204	0.5218
Xe-133	0.8615	0.9035	0.9163	1.0244
Xe-133m	0.5130	0.5480	0.5600	0.6672
Xe-135	1.4504	1.4963	1.5740	1.6340
Xe-135m	1.1826	1.2604	1.4392	1.4629
Xe-137	0.4792	0.5141	0.5763	0.5838
Xe-138	1.7904	1.9035	2.0778	2.1813
Y-81	1.7115	1.7862	2.0688	2.2623

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Y-83	0.9123	1.0034	1.1601	1.4665
Y-83m	1.2398	1.3144	1.4576	1.5919
Y-84m	4.7183	5.0365	5.4906	5.9798
Y-85	1.0376	1.1280	1.3269	1.4037
Y-85m	1.1468	1.2381	1.3901	1.5898
Y-86	4.7115	5.0474	5.6401	6.2935
Y-86m	1.6134	1.6951	1.8863	1.9077
Y-87	1.4076	1.5564	1.8895	2.1574
Y-87m	1.1357	1.2208	1.3814	1.5054
Y-88	2.9373	3.1986	3.5254	4.0882
Y-89m	1.4543	1.5526	1.6867	1.8219
Y-90	0.0000	0.0000	0.0000	0.0001
Y-90m	2.9077	3.0885	3.4845	3.4757
Y-91	0.0038	0.0041	0.0045	0.0047
Y-91m	1.3245	1.3979	1.6147	1.7155
Y-92	0.3829	0.4093	0.4483	0.4780
Y-93	0.1948	0.2046	0.2224	0.2310
Y-94	1.1369	1.2143	1.3261	1.4213
Y-95	0.8500	0.9155	0.9880	1.0372
Yb-162	2.4998	2.6243	2.9512	2.8544
Yb-163	1.6771	1.7941	2.0232	2.0496
Yb-164	0.9159	0.9810	1.0845	1.0276
Yb-165	2.4038	2.5735	2.9498	2.9433
Yb-166	1.7484	1.8680	2.0530	1.9497
Yb-167	4.0026	4.2478	4.7553	4.6568
Yb-169	4.5947	4.8611	5.3458	5.1672
Yb-175	0.2168	0.2290	0.2531	0.2585
Yb-177	0.7880	0.8247	0.9201	0.8950
Yb-178	0.1553	0.1657	0.1898	0.1971
Yb-179	2.6742	2.7933	3.1990	3.4836
Zn-60	1.6037	1.6698	1.8457	2.0317
Zn-61	0.6286	0.6751	0.7395	0.7702
Zn-62	1.2074	1.2962	1.6369	1.8625
Zn-63	0.2489	0.2640	0.3057	0.3459
Zn-65	0.8205	0.9069	1.1772	1.3170
Zn-69	0.0000	0.0000	0.0000	0.0000
Zn-69m	1.3014	1.3965	1.5704	1.6166
Zn-71	0.7451	0.7937	0.8999	0.9067
Zn-71m	4.2074	4.4480	5.0420	5.3240
Zn-72	1.7833	1.8734	2.3366	2.3945
Zr-85	1.2475	1.3409	1.4916	1.5722
Zr-86	2.0669	2.2504	2.5194	3.2122
Zr-87	0.1397	0.1599	0.1868	0.2546

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Zr-88	1.5469	1.7057	1.9457	2.3893
Zr-89	1.6230	1.7730	1.9799	2.3741
Zr-89m	1.3555	1.4195	1.6278	1.8368
Zr-93	0.0000	0.0000	0.0000	0.0000
Zr-95	1.4034	1.4838	1.5936	1.8055
Zr-97	1.6650	1.7650	1.9080	2.1298

Table 7: Composite 1 - 5 cm Contamination Thickness for 10x10x10 ft and 50x50x10 ft rooms

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ac-223	0.2566	0.2554	0.2869	0.3375	0.2629	0.2079	0.2386	0.2856
Ac-224	2.6365	2.6661	2.6369	2.9111	2.7739	2.3193	2.4014	2.9948
Ac-225	0.3337	0.3521	0.3859	0.4760	0.3559	0.2764	0.3115	0.3492
Ac-226	1.2871	1.2337	1.2515	1.3577	1.3460	1.1268	1.1121	1.4059
Ac-227	0.0709	0.0694	0.0906	0.1127	0.0695	0.0495	0.0636	0.0716
Ac-228	2.1300	1.9754	2.0800	2.1960	2.2547	2.0002	2.1286	3.1058
Ac-230	0.9219	0.8463	0.9019	0.9782	0.9805	0.8643	0.9260	1.4064
Ac-231	3.0284	2.8335	2.8251	3.0091	3.1478	2.6564	2.6889	3.5178
Ac-232	1.4788	1.3334	1.4343	1.5211	1.5824	1.4228	1.5157	2.4823
Ac-233	1.5679	1.3922	1.4346	1.4666	1.5823	1.4560	1.6924	2.3003
Ag-100m	2.7201	2.3971	2.4937	2.4387	2.8690	2.7049	2.9416	4.8621
Ag-101	2.3298	2.0689	2.1095	2.1649	2.3929	2.1664	2.2737	3.1589
Ag-102m	1.7069	1.4684	1.5558	1.5706	1.7985	1.6522	1.7650	2.9309
Ag-102	4.1633	3.6617	3.8068	3.7892	4.3537	4.0624	4.4303	7.0209
Ag-103	2.4000	2.2154	2.2584	2.4214	2.4554	2.1077	2.0728	2.7683
Ag-104	5.1625	4.5667	4.7715	4.7982	5.3273	4.9722	5.4125	8.2229
Ag-104m	2.1388	1.8726	1.9467	2.0250	2.1932	2.0074	2.2341	3.2390
Ag-105	2.8073	2.4546	2.5296	2.8018	2.8019	2.4148	2.4996	3.0198
Ag-105m	0.0304	0.0259	0.0367	0.0407	0.0264	0.0195	0.0259	0.0348
Ag-106	0.5487	0.4767	0.5102	0.6009	0.5324	0.4577	0.5059	0.5564
Ag-106m	6.3685	5.6264	5.8367	5.9262	6.5432	6.0291	6.5392	9.6224
Ag-108	0.0562	0.0495	0.0519	0.0573	0.0562	0.0501	0.0562	0.0727
Ag-108m	4.8773	4.3425	4.4604	4.6157	4.9514	4.5427	5.0346	7.0779
Ag-109m	0.3517	0.3143	0.3379	0.4377	0.3357	0.2764	0.2865	0.2347
Ag-110	0.0722	0.0647	0.0660	0.0659	0.0748	0.0706	0.0810	0.1213
Ag-110m	4.7839	4.2620	4.4176	4.2240	5.0342	4.8068	5.2588	8.5112
Ag-111	0.1375	0.1203	0.1201	0.1230	0.1411	0.1211	0.1218	0.1646
Ag-111m	0.2016	0.1764	0.1970	0.2516	0.1912	0.1566	0.1625	0.1383
Ag-112	1.1007	0.9721	0.9998	0.9897	1.1572	1.0841	1.2084	1.9166
Ag-113m	0.9811	0.8644	0.8766	0.9096	1.0029	0.8683	0.8937	1.2162
Ag-113	0.3015	0.2639	0.2645	0.2694	0.3111	0.2712	0.2766	0.3790
Ag-114	0.4715	0.4156	0.4260	0.4253	0.4887	0.4559	0.5122	0.7718
Ag-115	1.0093	0.8943	0.9133	0.9087	1.0598	0.9502	0.9556	1.4532
Ag-116	2.6923	2.3461	2.4369	2.4113	2.8344	2.6317	2.8615	4.5653
Ag-117	1.9299	1.7189	1.7617	1.7576	2.0419	1.8089	1.7690	2.8993
Ag-99	2.8822	2.5457	2.6185	2.5971	3.0073	2.7498	2.8181	4.3105
Al-26	1.3758	1.1486	1.2476	1.2221	1.4941	1.3795	1.3531	2.7248
Al-28	1.3403	1.1200	1.2153	1.1952	1.4606	1.3442	1.3137	2.6564
Al-29	1.3984	1.2181	1.2661	1.2100	1.5298	1.4178	1.4330	2.6635
Am-237	3.0647	3.0060	3.0533	3.4243	3.1718	2.5958	2.7045	3.5217
Am-238	2.9393	2.8623	2.9575	3.2212	3.0840	2.6405	2.8305	4.0478
Am-239	3.3334	3.3936	3.4800	4.0337	3.4625	2.7377	2.8684	3.6635

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Am-240	3.1624	3.0593	3.2276	3.5249	3.3256	2.8637	3.0794	4.3299
Am-241	0.9851	1.0088	1.0097	0.9868	1.0272	1.0580	1.0031	1.0039
Am-242	0.4761	0.4805	0.5237	0.6678	0.4871	0.3649	0.4015	0.4282
Am-242m	0.3059	0.2964	0.3531	0.4767	0.3060	0.2195	0.2565	0.2249
Am-243	0.8983	0.9337	0.8252	0.9664	0.9034	0.8578	0.9914	0.8333
Am-244	2.9329	2.7294	2.9550	3.3323	3.0025	2.5742	2.7921	3.7730
Am-244m	0.1798	0.1722	0.1979	0.2588	0.1813	0.1365	0.1536	0.1505
Am-245	0.3774	0.3748	0.3818	0.4331	0.3900	0.3169	0.3221	0.4016
Am-246	4.0428	3.7704	4.0488	4.6400	4.1404	3.4441	3.6667	4.6768
Am-246m	1.8540	1.6782	1.7914	1.8199	1.9500	1.7885	1.9125	2.9426
Am-247	1.3959	1.3742	1.3867	1.5531	1.4474	1.1758	1.1892	1.5251
Ar-37	0.0304	0.0259	0.0392	0.0432	0.0254	0.0179	0.0259	0.0360
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	1.3759	1.2024	1.2464	1.1935	1.5061	1.3941	1.4077	2.6138
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	1.7277	1.5059	1.5887	1.5059	1.8546	1.7494	1.8312	3.1611
Ar-44	2.6164	2.2754	2.3796	2.3320	2.8016	2.4922	2.3802	4.1788
As-68	3.4077	2.9875	3.1432	2.9783	3.6376	3.4521	3.6786	6.2081
As-69	0.5309	0.4812	0.5037	0.5069	0.5459	0.4782	0.4842	0.7142
As-70	4.4806	3.9286	4.1419	3.9335	4.7629	4.5017	4.7852	8.0048
As-71	2.0032	1.7926	1.9860	2.0154	2.0139	1.6667	1.6557	2.3885
As-72	1.5112	1.3489	1.4369	1.3586	1.5731	1.5077	1.6367	2.7177
As-73	1.1587	1.0080	1.4699	1.6204	0.9976	0.7259	1.0102	1.3452
As-74	1.3532	1.2029	1.2971	1.3256	1.3615	1.2426	1.4768	2.1270
As-76	0.9505	0.8435	0.8588	0.8584	0.9798	0.9159	1.0448	1.5232
As-77	0.0481	0.0436	0.0435	0.0439	0.0494	0.0439	0.0443	0.0577
As-78	2.0515	1.8130	1.8686	1.8277	2.1612	2.0298	2.2290	3.5927
As-79	0.0974	0.0862	0.0879	0.0862	0.1001	0.0913	0.0966	0.1423
At-204	6.3437	5.8062	5.8503	5.9503	6.5022	6.0215	6.7865	9.4413
At-205	2.8627	2.7439	2.7223	2.8472	2.9677	2.7413	3.0846	4.1767
At-206	6.4354	5.9006	5.9451	5.9999	6.6322	6.1338	6.7549	9.5691
At-207	4.5881	4.3001	4.3195	4.4341	4.7795	4.4279	4.8959	6.9886
At-208	7.2934	6.7547	6.8445	6.8959	7.6164	7.0584	7.7588	11.3172
At-209	6.5807	6.1929	6.2237	6.3545	6.8153	6.3397	7.0406	9.9229
At-210	5.4904	5.0781	5.1615	5.2779	5.8347	5.3091	5.5474	8.3471
At-211	0.5595	0.5992	0.5680	0.6559	0.5721	0.5156	0.6176	0.6199
At-215	0.0008	0.0007	0.0007	0.0007	0.0008	0.0007	0.0007	0.0010
At-216	0.0307	0.0320	0.0301	0.0334	0.0314	0.0284	0.0322	0.0343
At-217	0.0016	0.0015	0.0014	0.0015	0.0016	0.0014	0.0015	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	2.4046	2.1752	2.1748	2.2227	2.4797	2.1873	2.2232	2.9238
Au-186	3.4720	3.1535	3.1873	3.2176	3.5717	3.2289	3.3241	4.5463

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Au-187	2.5918	2.4018	2.4675	2.5583	2.6131	2.4428	2.6525	3.4853
Au-190	4.1282	3.6780	3.7285	3.8146	4.2608	3.8742	4.0542	5.7052
Au-191	3.3412	3.1179	3.1280	3.2624	3.3283	3.0822	3.3543	3.9979
Au-192	3.7958	3.3869	3.4320	3.5274	3.9024	3.5545	3.7287	5.2271
Au-193	1.9153	1.8520	1.8250	1.9476	1.8728	1.7708	1.9296	1.9836
Au-193m	1.6810	1.5537	1.6340	1.7213	1.6907	1.4845	1.5594	1.8800
Au-194	3.0223	2.7373	2.7466	2.8472	3.0690	2.8030	2.9689	3.8822
Au-195	1.5438	1.5296	1.5685	1.7231	1.4742	1.3809	1.5958	1.5893
Au-195m	1.6935	1.5654	1.6436	1.7361	1.7045	1.4947	1.5736	1.8942
Au-196	2.8914	2.6330	2.6107	2.7253	2.8935	2.6053	2.7520	3.3228
Au-196m	3.1897	3.0607	3.2278	3.4420	3.1920	2.7647	2.9100	3.4580
Au-198	1.5946	1.4202	1.4321	1.4261	1.6175	1.4465	1.4945	2.1129
Au-198m	5.2331	4.9552	4.9864	5.1849	5.3409	4.6089	4.7194	6.0334
Au-199	1.0525	0.9914	1.0107	1.0353	1.0753	0.9195	0.8747	1.1332
Au-200	0.5587	0.4919	0.5001	0.4940	0.5855	0.5255	0.5361	0.8422
Au-200m	7.4659	6.7187	6.7998	6.8238	7.6600	6.9140	7.3031	10.1828
Au-201	0.1648	0.1517	0.1649	0.1748	0.1640	0.1446	0.1673	0.2185
Au-202	0.3576	0.3169	0.3247	0.3168	0.3714	0.3433	0.3647	0.5566
Ba-124	1.6991	1.5666	1.5908	1.7227	1.7670	1.4878	1.7909	1.9867
Ba-126	2.2368	2.0371	2.0704	2.1993	2.3260	2.0131	2.3757	2.7905
Ba-127	0.8904	0.8435	0.8475	0.9454	0.9289	0.7620	0.9486	0.9813
Ba-128	0.8731	0.8159	0.8278	0.9819	0.8998	0.7119	1.0166	0.8081
Ba-129	0.9810	0.9207	0.9361	1.0669	1.0215	0.8254	1.0813	1.0206
Ba-129m	4.5187	4.0726	4.1870	4.2848	4.7120	4.1496	4.6027	6.2556
Ba-131	2.7889	2.6061	2.6060	2.8137	2.8835	2.4502	2.9071	3.2518
Ba-131m	1.1605	1.1868	1.1654	1.2903	1.1978	0.9446	1.1719	1.3191
Ba-133	2.9987	2.7685	2.7158	3.0070	3.0669	2.5816	3.1545	3.2260
Ba-133m	0.8352	0.7724	0.8183	0.9429	0.8477	0.6643	0.9350	0.8285
Ba-135m	0.7121	0.6637	0.6751	0.7838	0.7331	0.5782	0.8256	0.6834
Ba-137m	1.4270	1.2836	1.3072	1.3046	1.4811	1.3924	1.6297	2.3971
Ba-139	0.4141	0.3803	0.3826	0.3835	0.4313	0.3565	0.3297	0.4443
Ba-140	0.8862	0.7959	0.8515	0.9075	0.8888	0.7650	0.8990	1.1229
Ba-141	2.9924	2.6518	2.6829	2.6928	3.1234	2.7404	2.8030	4.0120
Ba-142	2.4714	2.2251	2.2556	2.2233	2.5911	2.3684	2.5416	3.6118
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.1678	0.1485	0.1503	0.1520	0.1695	0.1553	0.1740	0.2352
Bi-197	3.2621	3.0648	3.1120	3.1538	3.3984	3.1875	3.5070	5.0210
Bi-200	7.1827	6.5859	6.6347	6.6640	7.3750	6.8028	7.3496	9.9561
Bi-201	3.2911	3.0834	3.1245	3.1688	3.4400	3.2311	3.5157	5.1046
Bi-202	6.5184	5.9718	6.0569	6.0165	6.7524	6.3115	6.8862	9.8537
Bi-203	4.1384	3.8289	3.9036	3.9307	4.3283	4.0682	4.3822	6.6148
Bi-204	6.4498	5.9099	6.0292	5.9516	6.7143	6.2863	6.7717	9.8997
Bi-205	3.1212	2.9027	2.9634	3.0357	3.2493	3.0393	3.3438	4.8609



Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Bi-206	7.5362	6.9187	7.0306	7.0205	7.8001	7.3204	7.9924	11.6614
Bi-207	3.7210	3.4548	3.4924	3.5469	3.8466	3.6188	4.0935	5.6166
Bi-208	1.9409	1.7435	1.8575	1.9225	2.1119	1.9105	2.0237	3.3316
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.5747	1.4156	1.4038	1.4463	1.6117	1.4188	1.4473	1.8259
Bi-211	0.2482	0.2213	0.2199	0.2272	0.2529	0.2200	0.2275	0.2989
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	0.2567	0.2372	0.2677	0.2823	0.2652	0.2337	0.2656	0.4000
Bi-213	0.4979	0.4516	0.4520	0.4602	0.5055	0.4569	0.4944	0.6662
Bi-214	1.9449	1.7064	1.7739	1.7333	2.0659	1.9337	2.0786	3.4667
Bi-215	1.0995	1.0103	0.9971	1.0387	1.1340	1.0057	1.0650	1.3816
Bi-216	2.3539	2.1027	2.1235	2.1473	2.3959	2.2033	2.4784	3.4236
Bk-245	2.9075	2.9428	2.9707	3.3713	3.0147	2.4285	2.4640	3.1468
Bk-246	3.0804	2.9713	3.1288	3.4639	3.1937	2.7327	2.9090	4.1050
Bk-247	1.4560	1.4541	1.3818	1.5124	1.4932	1.2901	1.3655	1.6326
Bk-248m	0.6333	0.6324	0.6608	0.7890	0.6491	0.5137	0.5474	0.6544
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	1.5736	1.4041	1.5138	1.4960	1.6607	1.5491	1.6643	2.5139
Bk-251	1.4674	1.4843	1.5294	1.7923	1.5209	1.1958	1.1989	1.4573
Br-72	2.8047	2.4830	2.6033	2.4816	2.9719	2.8077	2.9664	4.9532
Br-73	1.5201	1.4132	1.3950	1.4044	1.5560	1.4732	1.5551	2.0456
Br-74	3.1089	2.7020	2.8532	2.7975	3.3429	3.0770	3.2940	5.6539
Br-74m	3.9635	3.4933	3.6413	3.5715	4.2026	3.9300	4.3095	7.1140
Br-75	2.2371	1.9996	2.0392	2.0934	2.3042	1.9953	2.0342	2.7472
Br-76	2.9263	2.5831	2.7442	2.7612	3.0798	2.8274	3.1158	4.9821
Br-76m	0.9345	1.0134	1.1123	1.3333	1.0579	0.8387	0.9683	0.9429
Br-77	1.6490	1.5325	1.6909	1.8107	1.6910	1.4493	1.6079	2.1335
Br-77m	0.4497	0.5133	0.5818	0.6983	0.5056	0.3851	0.4389	0.5596
Br-78	0.2460	0.2242	0.2385	0.2472	0.2540	0.2319	0.2731	0.3932
Br-80	0.1543	0.1416	0.1526	0.1593	0.1594	0.1445	0.1706	0.2460
Br-80m	0.8066	0.9006	1.0216	1.2918	0.9273	0.6880	0.8880	0.8402
Br-82m	0.2923	0.3448	0.4294	0.5429	0.3431	0.2524	0.3080	0.3527
Br-82	4.9379	4.4020	4.5355	4.3861	5.1637	4.9019	5.3948	8.5491
Br-83	0.0207	0.0183	0.0186	0.0189	0.0210	0.0195	0.0225	0.0307
Br-84m	4.4829	3.9475	4.0962	3.9550	4.7262	4.3847	4.5451	7.5149
Br-84	1.5539	1.3464	1.4356	1.3505	1.6690	1.5823	1.6487	2.9563
Br-85	0.1063	0.0947	0.0991	0.0924	0.1120	0.1078	0.1143	0.1909
C-10	1.5069	1.3548	1.3926	1.3398	1.5676	1.5060	1.6815	2.6699
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	0.0542	0.0462	0.0700	0.0772	0.0453	0.0320	0.0463	0.0643
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	1.2366	1.0841	1.1223	1.0782	1.3399	1.2444	1.2749	2.2926

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ca-49	1.2527	1.0365	1.1442	1.0899	1.4121	1.2887	1.3260	2.7360
Cd-101	2.8164	2.5605	2.6230	2.7257	2.9471	2.6244	2.7061	4.3334
Cd-102	2.5633	2.2917	2.3574	2.5456	2.5895	2.3063	2.4639	3.1833
Cd-103	2.3457	2.0370	2.1651	2.3044	2.4540	2.2089	2.2547	3.5256
Cd-104	1.7945	1.6724	1.6545	1.9543	1.7676	1.5773	1.7191	1.7940
Cd-105	1.6475	1.4292	1.5172	1.6415	1.7038	1.5254	1.5676	2.3353
Cd-107	1.0221	0.9027	0.9787	1.2858	0.9759	0.7983	0.8126	0.6401
Cd-109	0.9490	0.8357	0.9084	1.1978	0.9042	0.7400	0.7544	0.5801
Cd-111m	2.3349	2.1202	2.1294	2.2246	2.3924	2.0871	1.9853	2.4504
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	0.0009	0.0008	0.0007	0.0007	0.0007
Cd-115	0.6428	0.5709	0.5778	0.5943	0.6520	0.6001	0.6813	0.9026
Cd-115m	0.0488	0.0431	0.0452	0.0421	0.0519	0.0495	0.0525	0.0868
Cd-117	2.0529	1.8075	1.8455	1.8338	2.1623	1.9533	1.9829	3.1102
Cd-117m	2.3034	1.9992	2.1059	2.0140	2.4555	2.3072	2.4121	4.1675
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	2.4413	2.1270	2.1942	2.1773	2.5897	2.3256	2.3330	3.8181
Cd-119m	2.7056	2.3617	2.4787	2.3755	2.8903	2.7027	2.8055	4.8413
Ce-130	2.5941	2.4690	2.4502	2.6273	2.7231	2.2658	2.6282	2.9816
Ce-131	3.2273	2.9271	2.9925	3.0796	3.3571	2.9430	3.2315	4.4067
Ce-132	2.5305	2.3264	2.3384	2.4782	2.6453	2.1638	2.3679	2.6899
Ce-133	1.8813	1.8683	1.7921	2.0592	1.9388	1.5651	2.1443	2.0123
Ce-133m	4.3870	4.0036	4.0365	4.2054	4.5665	4.0471	4.6798	6.0661
Ce-134	0.6415	0.6171	0.6208	0.7641	0.6687	0.4972	0.8068	0.5444
Ce-135	3.3770	3.0575	3.0802	3.2410	3.4914	3.0417	3.5465	4.3252
Ce-137	0.7624	0.7221	0.7633	0.9210	0.7768	0.5798	0.9215	0.6920
Ce-137m	0.6829	0.6455	0.6425	0.7471	0.7117	0.5624	0.7607	0.6391
Ce-139	1.9205	1.7881	1.8024	1.9321	1.9976	1.6003	1.7844	1.9223
Ce-141	0.8539	0.8315	0.8110	0.8310	0.9003	0.7398	0.6974	0.8939
Ce-143	1.6782	1.5318	1.5048	1.6285	1.7432	1.4768	1.6960	1.8587
Ce-144	0.2448	0.2483	0.2354	0.2517	0.2604	0.2138	0.2243	0.2513
Ce-145	2.6618	2.4467	2.4395	2.5575	2.7745	2.4692	2.8826	3.6023
Cf-244	0.1112	0.1068	0.1257	0.1720	0.1110	0.0797	0.0918	0.0760
Cf-246	0.0766	0.0735	0.0864	0.1181	0.0763	0.0548	0.0631	0.0524
Cf-247	1.9878	2.0006	2.1247	2.5833	2.0347	1.5688	1.6506	1.8942
Cf-248	0.0919	0.0881	0.1036	0.1414	0.0916	0.0659	0.0759	0.0634
Cf-249	1.7390	1.5714	1.6142	1.7261	1.7711	1.5051	1.5415	2.0598
Cf-250	0.0855	0.0809	0.0930	0.1217	0.0860	0.0650	0.0733	0.0725
Cf-251	1.7055	1.6933	1.7445	2.0032	1.7645	1.4048	1.4148	1.7660
Cf-252	0.7866	0.7030	0.7314	0.7498	0.8251	0.7397	0.7799	1.1854
Cf-253	0.2563	0.2400	0.2821	0.3809	0.2502	0.1825	0.2106	0.1783
Cf-254	26.3542	23.3809	23.9958	23.6089	27.7821	25.3635	26.5493	41.8388
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Cl-34	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34m	1.5200	1.3497	1.4049	1.3596	1.6337	1.4593	1.3846	2.5049
Cl-36	0.0004	0.0004	0.0006	0.0006	0.0004	0.0003	0.0004	0.0005
Cl-38	0.9870	0.8210	0.8937	0.8752	1.0813	0.9944	0.9747	1.9651
Cl-39	2.1241	1.8683	1.9192	1.8768	2.2771	2.0787	2.0623	3.4593
Cl-40	2.6108	2.2167	2.3803	2.3089	2.8908	2.6478	2.6741	5.1735
Cm-238	1.3137	1.3769	1.3856	1.6083	1.3706	1.0759	1.1134	1.4463
Cm-239	3.0262	2.9805	3.0065	3.2862	3.1729	2.5645	2.4905	3.3506
Cm-240	0.1201	0.1203	0.1401	0.1938	0.1242	0.0887	0.1024	0.0856
Cm-241	3.5115	3.4142	3.5477	4.0404	3.6039	2.9672	3.2004	4.0642
Cm-242	0.1077	0.1080	0.1258	0.1740	0.1114	0.0796	0.0919	0.0768
Cm-243	1.7006	1.6880	1.7612	2.0346	1.7552	1.3962	1.4670	1.8395
Cm-244	0.0925	0.0927	0.1080	0.1494	0.0957	0.0683	0.0789	0.0659
Cm-245	1.7058	1.7687	1.8038	2.1043	1.7821	1.3947	1.4496	1.8654
Cm-246	0.0794	0.0789	0.0913	0.1241	0.0822	0.0599	0.0686	0.0615
Cm-247	1.3430	1.2026	1.2111	1.2141	1.3674	1.2056	1.2237	1.7403
Cm-248	2.1237	1.8922	1.9516	1.9524	2.2374	2.0283	2.1290	3.3108
Cm-249	0.1518	0.1333	0.1738	0.1878	0.1389	0.1105	0.1414	0.1982
Cm-250	20.7932	18.4461	18.9341	18.6342	21.9203	20.0097	20.9396	33.0034
Cm-251	0.4657	0.4344	0.4447	0.4784	0.4770	0.4160	0.4554	0.6083
Co-54m	4.3463	3.8131	3.9472	3.8060	4.6220	4.2506	4.3446	7.2955
Co-55	1.9636	1.7348	1.8337	1.7369	2.0660	1.9539	2.0917	3.3932
Co-56	3.7418	3.2680	3.5159	3.3394	3.9834	3.7422	3.9329	6.9576
Co-57	1.7513	1.7936	1.8830	1.9903	1.8033	1.4543	1.4388	2.0233
Co-58	1.6812	1.5051	1.6431	1.5683	1.7179	1.6342	1.7935	2.9739
Co-58m	0.2173	0.1851	0.2806	0.3094	0.1817	0.1282	0.1856	0.2578
Co-60	2.8005	2.4488	2.5531	2.4203	3.0543	2.8499	2.9056	5.2620
Co-60m	0.2589	0.2227	0.3254	0.3570	0.2199	0.1618	0.2252	0.3030
Co-61	0.8505	0.8476	0.7206	0.7557	0.8227	0.8853	0.9528	0.8022
Co-62	1.6214	1.4088	1.4836	1.3918	1.7630	1.6571	1.7034	3.0466
Co-62m	2.8907	2.5147	2.6458	2.4831	3.1298	2.9483	3.0310	5.4165
Cr-48	3.0970	2.9347	2.8907	2.9951	3.1979	2.6575	2.6561	3.7290
Cr-49	1.2051	1.2142	1.1143	1.1454	1.2238	1.0892	1.0943	1.3637
Cr-51	0.2919	0.2498	0.3034	0.3251	0.2766	0.2185	0.2528	0.3448
Cr-55	0.0006	0.0005	0.0005	0.0005	0.0007	0.0006	0.0006	0.0011
Cr-56	1.3971	1.4254	1.2729	1.4474	1.3925	1.2977	1.4972	1.4456
Cs-121	1.1144	1.0153	1.0203	1.0427	1.1560	1.0058	1.0450	1.3869
Cs-121m	2.1038	1.8957	1.9171	1.9604	2.1910	1.8903	1.9662	2.5838
Cs-123	1.4906	1.4051	1.3869	1.4930	1.5384	1.3389	1.5866	1.9491
Cs-124	0.6329	0.5560	0.5647	0.5791	0.6543	0.5726	0.6097	0.8493
Cs-125	1.3022	1.1992	1.2104	1.3162	1.3414	1.1680	1.4206	1.6669
Cs-126	1.0579	0.9425	0.9576	0.9772	1.0855	0.9607	1.0384	1.4116
Cs-127	2.1174	1.9471	1.9569	2.1133	2.1753	1.8625	2.1604	2.4853

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Cs-128	0.7185	0.6484	0.6585	0.7057	0.7349	0.6429	0.7610	0.9031
Cs-129	1.8930	1.7322	1.7460	1.9678	1.9429	1.6214	2.0060	2.0331
Cs-130m	1.2664	1.2423	1.1999	1.4023	1.2863	1.0717	1.4990	1.1924
Cs-130	0.4254	0.3985	0.4054	0.4906	0.4390	0.3566	0.5084	0.4151
Cs-131	0.5995	0.5703	0.5797	0.7311	0.6185	0.4828	0.7342	0.4873
Cs-132	2.1606	1.9699	2.0058	2.1347	2.2393	2.0214	2.4962	3.1647
Cs-134	3.3948	3.0423	3.1194	3.0338	3.5176	3.3535	3.7651	5.8221
Cs-134m	0.5336	0.5185	0.5593	0.6376	0.5398	0.4193	0.5541	0.5347
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	2.9389	2.6459	2.7580	2.5712	3.0718	2.9885	3.2242	5.3608
Cs-136	4.3551	3.8875	3.9998	3.8249	4.5731	4.2568	4.4786	6.9801
Cs-137	1.3264	1.2227	1.3313	1.3560	1.4134	1.4206	1.4417	1.4034
Cs-138m	1.2456	1.1282	1.1581	1.2425	1.3014	1.1053	1.2952	1.6029
Cs-138	2.8330	2.4654	2.5801	2.5055	3.0334	2.8026	2.9051	4.9516
Cs-139	0.2834	0.2447	0.2573	0.2490	0.3074	0.2849	0.2929	0.5338
Cs-140	1.9479	1.6941	1.7716	1.7313	2.0725	1.9365	2.0931	3.5080
Cu-57	0.1461	0.1283	0.1352	0.1251	0.1574	0.1499	0.1574	0.2682
Cu-59	0.7470	0.6564	0.6786	0.6583	0.7869	0.7246	0.7555	1.2336
Cu-60	2.7876	2.4043	2.5509	2.4568	3.0187	2.8051	2.8513	5.3134
Cu-61	0.6731	0.5969	0.6467	0.6603	0.6728	0.5996	0.6647	0.9363
Cu-62	0.0149	0.0129	0.0162	0.0165	0.0145	0.0124	0.0145	0.0233
Cu-64	0.1365	0.1164	0.1738	0.1908	0.1158	0.0832	0.1177	0.1668
Cu-66	0.1387	0.1221	0.1295	0.1173	0.1487	0.1436	0.1527	0.2484
Cu-67	1.1162	1.0476	1.0473	1.0603	1.1533	0.9687	0.9387	1.3090
Cu-69	0.8575	0.7590	0.7947	0.7434	0.9066	0.8683	0.9360	1.5018
Dy-148	2.2414	2.0424	2.0564	2.1096	2.3307	2.1046	2.4332	3.1730
Dy-149	3.3306	3.0556	3.1047	3.1230	3.5123	3.1387	3.3742	4.8518
Dy-150	1.4912	1.3518	1.3560	1.3831	1.5300	1.3242	1.3887	1.7444
Dy-151	3.3611	3.0160	3.1148	3.1247	3.5019	3.1334	3.3715	4.7551
Dy-152	2.3177	2.1140	2.1017	2.1634	2.3927	2.0771	2.1300	2.4284
Dy-153	3.7744	3.4992	3.4813	3.5972	3.9376	3.4148	3.6782	4.4545
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	2.7890	2.5404	2.5553	2.5933	2.9242	2.5520	2.6498	3.3412
Dy-157	2.3727	2.1134	2.1023	2.2099	2.4555	2.0530	2.1614	2.5580
Dy-159	0.8756	0.8308	0.8244	0.8940	0.9157	0.7529	0.8594	0.7437
Dy-165m	0.2733	0.2506	0.2969	0.3182	0.2609	0.2079	0.2493	0.3068
Dy-165	0.1858	0.1769	0.1746	0.1800	0.1906	0.1657	0.1820	0.2137
Dy-166	0.7161	0.6824	0.6912	0.7288	0.7186	0.6219	0.7127	0.6859
Dy-167	2.2735	2.0354	2.0487	2.0762	2.3343	2.0838	2.2223	2.9121
Dy-168	1.9990	1.8076	1.8386	1.8589	2.0582	1.8036	1.9037	2.4742
Er-154	1.0411	0.9696	1.0163	1.1224	1.0550	0.8912	1.0120	0.8989
Er-156	1.3716	1.2674	1.3990	1.5211	1.3621	1.1006	1.3521	1.2985
Er-159	2.6960	2.4379	2.4913	2.5024	2.8016	2.5209	2.7519	3.7261

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Er-161	2.7583	2.5056	2.5925	2.5444	2.8702	2.6153	2.8021	3.9209
Er-163	0.7312	0.6849	0.6987	0.7254	0.7502	0.6386	0.7097	0.6385
Er-165	0.7067	0.6616	0.6772	0.7036	0.7241	0.6156	0.6853	0.6174
Er-167m	0.9078	0.8161	0.8496	0.8563	0.9415	0.7971	0.7893	1.0075
Er-169	0.0063	0.0054	0.0081	0.0089	0.0053	0.0037	0.0054	0.0075
Er-171	2.5625	2.3327	2.3305	2.3907	2.6336	2.2422	2.2738	2.9116
Er-172	2.2124	2.0036	2.0339	2.0367	2.2493	2.0422	2.2190	2.8447
Er-173	3.7109	3.4460	3.4961	3.4330	3.8916	3.4235	3.4077	4.7900
Es-249	2.7222	2.6459	2.6904	2.9794	2.8109	2.3280	2.3550	3.1267
Es-250	7.5026	7.2043	7.5754	8.7325	7.6847	6.3244	6.6069	8.3667
Es-250m	2.2685	2.2231	2.2911	2.5421	2.3686	1.9834	2.0316	2.7699
Es-251	1.8316	1.8570	1.9386	2.3326	1.8925	1.4690	1.5066	1.7601
Es-253	0.0312	0.0296	0.0348	0.0465	0.0308	0.0225	0.0259	0.0231
Es-254	1.0756	1.0255	1.2323	1.6350	1.0567	0.7667	0.9054	0.8221
Es-254m	1.4690	1.3349	1.4062	1.5376	1.5023	1.3466	1.5285	2.1040
Es-255	0.0011	0.0010	0.0010	0.0010	0.0011	0.0010	0.0011	0.0017
Es-256	0.1576	0.1465	0.1689	0.2295	0.1540	0.1147	0.1288	0.1047
Eu-142	0.3423	0.3053	0.3156	0.3124	0.3652	0.3370	0.3599	0.5879
Eu-142m	5.1015	4.5448	4.7371	4.5591	5.3160	5.0357	5.5754	8.5636
Eu-143	0.5647	0.5136	0.5191	0.5402	0.6097	0.5325	0.5724	0.8382
Eu-144	0.2543	0.2270	0.2324	0.2445	0.2769	0.2412	0.2548	0.3958
Eu-145	2.4204	2.1998	2.2364	2.2665	2.5729	2.3226	2.5573	3.6830
Eu-146	4.7496	4.2836	4.3582	4.3554	4.9945	4.6193	5.1603	7.7453
Eu-147	2.2494	2.1355	2.0861	2.2095	2.3976	2.0293	2.1934	2.6705
Eu-148	5.7075	5.1304	5.1806	5.2640	5.9316	5.4260	6.1654	8.6447
Eu-149	0.9349	0.8832	0.8761	1.0096	0.9780	0.7719	0.9132	0.8428
Eu-150	5.3913	4.8082	4.8167	4.9474	5.5738	4.9144	5.3379	7.2150
Eu-150m	0.2047	0.1862	0.1832	0.1958	0.2140	0.1800	0.1954	0.2349
Eu-152	3.0471	2.8148	2.8125	2.8610	3.2346	2.8445	3.0003	4.2269
Eu-152m	0.7992	0.7465	0.7478	0.7563	0.8491	0.7569	0.8207	1.1302
Eu-152n	1.1651	1.1850	1.1446	1.2486	1.1594	0.9843	1.1512	1.3429
Eu-154	2.6446	2.4604	2.4891	2.4290	2.8133	2.5625	2.6597	4.1057
Eu-154m	1.2813	1.2563	1.2700	1.4027	1.2611	1.0755	1.2844	1.3280
Eu-155	0.8498	0.8768	0.8080	0.8671	0.8704	0.7436	0.8286	0.9650
Eu-156	1.6255	1.4449	1.5003	1.4541	1.7264	1.6074	1.7058	2.8209
Eu-157	1.7756	1.6334	1.6265	1.7058	1.8049	1.5950	1.7451	1.9812
Eu-158	2.1413	1.9202	1.9968	1.9056	2.2611	2.1338	2.3038	3.5725
Eu-159	1.7734	1.7008	1.6294	1.7328	1.8407	1.6221	1.8105	1.9627
F-17	0.0005	0.0005	0.0005	0.0004	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	1.6341	1.4857	1.5305	1.5086	1.6869	1.4013	1.2345	1.8012
Fe-53	0.7102	0.6243	0.6310	0.6324	0.7248	0.6338	0.6410	0.9187
Fe-53m	4.1716	3.6783	3.8409	3.6348	4.4568	4.2304	4.5157	7.5796

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Fe-55	0.1801	0.1534	0.2327	0.2564	0.1505	0.1062	0.1538	0.2138
Fe-59	1.4863	1.3061	1.3634	1.2775	1.6105	1.5110	1.5539	2.7030
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	2.0366	1.7927	1.8603	1.7721	2.1782	2.0154	2.0709	3.4222
Fe-62	1.6018	1.4164	1.4355	1.4604	1.6170	1.4965	1.7261	2.3031
Fm-251	1.7721	1.7681	1.8340	2.0985	1.8189	1.4566	1.4747	1.8563
Fm-252	0.0822	0.0773	0.0898	0.1227	0.0808	0.0590	0.0668	0.0547
Fm-253	1.4844	1.4603	1.5729	1.9543	1.5042	1.1554	1.2163	1.3053
Fm-254	0.0937	0.0875	0.1004	0.1334	0.0928	0.0699	0.0783	0.0722
Fm-255	0.8827	0.8455	0.9892	1.3458	0.8752	0.6346	0.7347	0.6237
Fm-256	19.6189	17.4133	17.8713	17.5929	20.6796	18.8746	19.7739	31.1200
Fm-257	1.9009	1.8692	1.9485	2.2881	1.9508	1.5534	1.5768	1.8659
Fr-212	3.0774	2.9490	2.9820	3.1486	3.2552	2.8739	3.0354	4.2747
Fr-219	0.0178	0.0162	0.0161	0.0167	0.0182	0.0159	0.0168	0.0222
Fr-220	0.1889	0.1998	0.2098	0.2491	0.1983	0.1630	0.1883	0.2054
Fr-221	0.2462	0.2301	0.2294	0.2388	0.2582	0.2223	0.2215	0.2822
Fr-222	1.4907	1.4372	1.4807	1.6294	1.5879	1.3065	1.3104	1.7056
Fr-223	0.8390	0.8452	0.8655	0.9982	0.8904	0.7424	0.8166	0.8044
Fr-224	1.6867	1.5844	1.6171	1.6785	1.7941	1.5604	1.5613	2.2845
Fr-227	2.4358	2.4018	2.3330	2.5183	2.5090	2.2162	2.4342	3.1141
Ga-64	2.0399	1.7628	1.8879	1.7692	2.2077	2.0851	2.1662	3.8859
Ga-65	1.4833	1.4597	1.4883	1.5176	1.5136	1.3008	1.3208	1.8857
Ga-66	1.4867	1.2712	1.4368	1.3822	1.5823	1.4499	1.5444	2.7575
Ga-67	1.7572	1.6281	1.8069	1.9064	1.7085	1.3939	1.5464	2.1204
Ga-68	0.0961	0.0832	0.1051	0.1070	0.0927	0.0795	0.0940	0.1467
Ga-70	0.0159	0.0141	0.0154	0.0147	0.0166	0.0150	0.0156	0.0243
Ga-72	3.2221	2.8283	2.9772	2.8247	3.4265	3.2629	3.4624	5.9557
Ga-73	2.3443	2.0442	2.2857	2.4002	2.3092	1.9204	2.0895	2.7841
Ga-74	3.5978	3.1280	3.2639	3.2054	3.8190	3.5618	3.8628	6.3940
Gd-142	1.4058	1.2711	1.2760	1.3125	1.4807	1.2940	1.3748	1.8669
Gd-143m	3.8731	3.4960	3.5162	3.5718	4.0596	3.6071	3.8035	5.2610
Gd-144	0.8676	0.7870	0.7885	0.8358	0.9266	0.7920	0.8666	1.1246
Gd-145m	1.6280	1.4626	1.5388	1.5307	1.6705	1.5487	1.7422	2.6267
Gd-145	2.1085	1.8402	1.9275	1.9419	2.2779	2.0462	2.1240	3.5555
Gd-146	3.4731	3.4524	3.3004	3.5391	3.6813	2.9848	3.0822	3.5008
Gd-147	4.6529	4.2036	4.2321	4.2603	4.8622	4.3251	4.5626	6.2241
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	3.1355	2.8926	2.8547	2.9770	3.2766	2.7720	2.8748	3.5483
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	1.1119	1.0462	1.0588	1.1795	1.1538	0.9221	1.0401	1.0160
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	1.7295	1.7350	1.6359	1.8192	1.8185	1.4621	1.6606	1.7461
Gd-159	0.3886	0.3544	0.3514	0.3672	0.4012	0.3420	0.3653	0.4092

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Gd-162	1.6901	1.5005	1.5305	1.5426	1.7099	1.5160	1.6037	2.2234
Ge-66	2.5385	2.2886	2.4671	2.5722	2.5319	2.1507	2.3388	3.0874
Ge-67	1.7690	1.5982	1.6409	1.5981	1.8454	1.5856	1.4496	2.2370
Ge-68	0.4409	0.3768	0.5704	0.6295	0.3698	0.2610	0.3774	0.5235
Ge-69	1.4194	1.2426	1.4335	1.4259	1.4305	1.2857	1.4524	2.2952
Ge-71	0.4472	0.3821	0.5785	0.6385	0.3750	0.2647	0.3828	0.5310
Ge-75	0.2196	0.1959	0.1952	0.1966	0.2260	0.1991	0.1956	0.2526
Ge-77	3.6964	3.2891	3.3307	3.3046	3.8412	3.4325	3.4903	4.9913
Ge-78	1.6780	1.4806	1.4728	1.4976	1.7242	1.5017	1.4859	1.9242
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	1.6562	1.4714	1.4790	1.5268	1.6779	1.4568	1.4995	1.7798
Hf-169	2.4102	2.1860	2.2137	2.2566	2.4082	2.2193	2.4607	2.9312
Hf-170	2.9885	2.7782	2.8538	2.9054	3.0003	2.6781	2.8400	3.4431
Hf-172	2.0182	1.9045	2.0159	2.1432	1.9591	1.7566	1.9092	1.8985
Hf-173	3.5643	3.4392	3.3835	3.4402	3.6712	3.1995	3.1427	3.8458
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	2.4513	2.1995	2.2229	2.2797	2.4624	2.1774	2.2736	2.6702
Hf-177m	14.9742	13.5046	13.6066	13.8562	15.3080	13.3318	13.4283	17.2722
Hf-178m	11.1581	10.0755	10.1559	10.3515	11.3468	10.0607	10.6844	14.0869
Hf-179m	5.9604	5.4462	5.5350	5.6157	6.0355	5.3115	5.3960	6.8861
Hf-180m	5.6221	5.0414	5.0802	5.1765	5.7122	5.0370	5.2152	6.6942
Hf-181	2.6860	2.4951	2.5100	2.5537	2.7280	2.4318	2.5528	3.3368
Hf-182	1.6536	1.4873	1.4844	1.5054	1.6868	1.4863	1.4678	1.8449
Hf-182m	4.4975	4.1032	4.1712	4.2175	4.5550	4.0887	4.2869	5.5422
Hf-183	2.2864	2.1140	2.0847	2.0620	2.3190	2.2400	2.4399	3.3298
Hf-184	2.4995	2.2989	2.5334	2.6522	2.4685	2.0444	2.1526	2.7777
Hg-190	2.6164	2.5883	2.5779	2.7206	2.6271	2.3462	2.4165	2.7644
Hg-191m	5.2798	4.8379	4.8981	5.0251	5.3485	4.9172	5.2816	6.8654
Hg-192	2.7712	2.6421	2.6493	2.8280	2.7507	2.4959	2.6979	2.9753
Hg-193	2.8630	2.6871	2.7371	2.8388	2.8901	2.6865	2.9149	3.7056
Hg-193m	2.9980	2.7646	2.7906	2.8581	3.0438	2.8370	3.0913	4.1119
Hg-194	0.2320	0.2182	0.3105	0.3586	0.2151	0.1535	0.2100	0.2740
Hg-195	1.5705	1.5338	1.5770	1.7119	1.5339	1.4405	1.6541	1.7740
Hg-195m	1.9130	1.8109	1.9897	2.1716	1.8790	1.6415	1.8765	2.1770
Hg-197	1.3344	1.3382	1.3488	1.4991	1.2841	1.2102	1.4321	1.3726
Hg-197m	1.3949	1.3906	1.4617	1.5810	1.3986	1.2059	1.2982	1.5260
Hg-199m	1.9580	1.8753	1.9014	1.9983	1.9629	1.7284	1.7724	2.1126
Hg-203	1.5408	1.3848	1.3708	1.4128	1.5763	1.3843	1.4012	1.7500
Hg-205	0.0453	0.0418	0.0417	0.0427	0.0475	0.0411	0.0405	0.0521
Hg-206	0.7047	0.6321	0.6240	0.6540	0.7200	0.6272	0.6570	0.8266
Hg-207	3.9748	3.4844	3.6148	3.5587	4.2012	3.8415	3.9567	6.3535
Ho-150	2.1947	1.9774	2.0430	1.9506	2.2856	2.1890	2.4046	3.7844
Ho-153	2.4766	2.2245	2.2257	2.2648	2.5640	2.2544	2.3675	3.0648

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Ho-153m	2.7831	2.5636	2.5735	2.6061	2.8746	2.5074	2.6154	3.4150
Ho-154m	6.8388	6.0544	6.1228	6.1505	7.0158	6.2662	6.6718	9.2736
Ho-154	3.4466	3.0336	3.0808	3.0918	3.5760	3.1745	3.3387	4.7783
Ho-155	2.1560	1.9824	2.0121	2.0683	2.2326	1.9152	2.0187	2.4500
Ho-156	4.3687	3.9835	4.0305	4.0102	4.5840	4.0722	4.1254	5.8987
Ho-157	3.2245	2.9596	2.9696	3.0577	3.3367	2.8792	3.0465	3.5651
Ho-159	3.4127	3.2667	3.2225	3.3174	3.5622	3.0239	3.0962	3.6138
Ho-160	4.3552	3.9578	4.0665	3.9805	4.5438	4.1949	4.6029	6.5403
Ho-161	1.1876	1.1194	1.1492	1.2718	1.2125	1.0198	1.1324	1.0491
Ho-162	1.0276	0.9686	0.9773	1.0329	1.0583	0.8996	1.0158	1.0006
Ho-162m	2.3546	2.1440	2.2348	2.2762	2.4296	2.1012	2.2375	2.8090
Ho-163	0.0072	0.0062	0.0093	0.0103	0.0060	0.0043	0.0062	0.0086
Ho-164	0.5585	0.5288	0.5364	0.5697	0.5719	0.4804	0.5455	0.5013
Ho-164m	1.0832	0.9985	1.1123	1.1902	1.0660	0.8760	1.0404	1.0148
Ho-166	0.2318	0.2193	0.2310	0.2432	0.2264	0.1991	0.2333	0.2523
Ho-166m	5.2411	4.7258	4.8375	4.7480	5.4199	4.9301	5.1691	7.5569
Ho-167	2.0261	1.7859	1.7934	1.8329	2.0732	1.7822	1.8257	2.3843
Ho-168	1.9739	1.7871	1.8549	1.7874	2.0423	1.9312	2.0987	3.2550
Ho-168m	0.2219	0.1989	0.2474	0.2655	0.2076	0.1640	0.2031	0.2265
Ho-170	4.4138	3.9965	4.1198	3.9748	4.5960	4.2311	4.4219	6.4415
I-118m	6.3429	5.6513	5.7721	5.7172	6.6078	6.1833	6.9541	10.4172
I-118	2.1767	1.9336	1.9760	1.9736	2.2675	2.1182	2.3921	3.5930
I-119	2.1041	1.8989	1.8972	1.9907	2.1651	1.9172	1.9924	2.3896
I-120	2.5688	2.2530	2.3354	2.3661	2.7094	2.4969	2.7542	4.2798
I-120m	5.4989	4.8804	4.9902	5.0063	5.7233	5.3371	6.0476	8.9892
I-121	2.2191	2.0126	2.0270	2.1783	2.3208	1.9879	2.0824	2.4342
I-122	0.4933	0.4454	0.4526	0.4878	0.5080	0.4615	0.5420	0.6834
I-123	2.0308	1.8811	1.8929	2.0458	2.0978	1.7513	1.7394	1.9839
I-124	1.9458	1.7472	1.7867	1.9013	2.0286	1.8500	2.1327	2.9003
I-125	1.1831	1.1179	1.1238	1.4374	1.2209	1.0107	1.3001	0.9137
I-126	1.5178	1.3684	1.3859	1.4570	1.5608	1.4036	1.5694	2.0600
I-128	0.2712	0.2428	0.2455	0.2569	0.2757	0.2468	0.2739	0.3493
I-129	0.6299	0.6021	0.6020	0.7587	0.6552	0.5110	0.7628	0.5072
I-130m	0.4460	0.4026	0.4213	0.4640	0.4510	0.3957	0.4902	0.5673
I-130	5.1520	4.6004	4.6937	4.6243	5.3115	4.9979	5.6196	8.3898
I-131	1.5555	1.4674	1.5638	1.5809	1.6409	1.6463	1.6797	1.6371
I-132	4.4680	3.9936	4.1084	3.9737	4.6589	4.4365	4.9241	7.7534
I-132m	1.2343	1.1204	1.1702	1.2416	1.2580	1.1185	1.2868	1.7046
I-133	1.6504	1.4637	1.4880	1.4956	1.6842	1.5685	1.7933	2.5083
I-134m	2.1378	1.9411	1.9364	2.1184	2.2059	1.8879	2.0988	2.2391
I-134	4.5120	4.0244	4.1877	3.9536	4.7434	4.5302	4.8630	7.8800
I-135	1.9172	1.6720	1.7484	1.6763	2.0622	1.9196	1.9754	3.4440
In-103	3.1673	2.8013	2.9003	2.8377	3.3499	3.0491	3.1042	4.9816



<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
In-105	2.7684	2.5452	2.5741	2.6042	2.9070	2.6184	2.6503	3.9557
In-106	5.3856	4.7941	4.9640	4.7956	5.6315	5.3535	5.9095	9.0816
In-106m	2.4300	2.1290	2.2134	2.2008	2.5658	2.3993	2.6402	4.2960
In-107	2.6138	2.2981	2.3756	2.4781	2.7310	2.4196	2.4402	3.5436
In-108	6.9774	6.1884	6.4086	6.3171	7.3165	6.8404	7.3068	11.2501
In-108m	2.5150	2.1949	2.2979	2.3494	2.6506	2.4479	2.6469	4.2552
In-109	2.6391	2.3586	2.4100	2.5825	2.7373	2.3893	2.3872	3.1156
In-109m	1.4624	1.3116	1.3332	1.3328	1.5165	1.4330	1.6532	2.4556
In-110	6.4356	5.7446	5.9649	5.8912	6.6982	6.3544	6.9779	10.5708
In-110m	1.9324	1.7214	1.7710	1.8205	2.0025	1.8700	2.0973	3.1013
In-111	3.6851	3.3265	3.3660	3.5548	3.7788	3.2500	3.0423	3.7682
In-111m	1.4564	1.2939	1.3119	1.3499	1.4791	1.3707	1.5756	2.1190
In-112	0.3118	0.2785	0.2914	0.3570	0.3106	0.2714	0.2864	0.2956
In-112m	0.6706	0.6157	0.6270	0.7593	0.6802	0.5840	0.5549	0.5322
In-113m	1.2597	1.1217	1.1331	1.1868	1.2790	1.1270	1.1353	1.5103
In-114	0.0061	0.0054	0.0057	0.0066	0.0063	0.0056	0.0058	0.0073
In-114m	0.6596	0.5965	0.6117	0.6974	0.6766	0.5869	0.5824	0.6644
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	1.0530	0.9247	0.9301	1.0310	1.0751	0.9188	0.9260	1.1194
In-116m	3.0974	2.7150	2.8262	2.6979	3.3252	3.0923	3.1653	5.5077
In-117	2.9983	2.7083	2.7327	2.7364	3.0783	2.7287	2.7775	3.9013
In-117m	0.7421	0.6617	0.6650	0.7195	0.7618	0.6430	0.6114	0.7602
In-118m	3.9398	3.4775	3.6160	3.4165	4.2112	3.9823	4.2276	7.0553
In-118	0.0954	0.0837	0.0867	0.0826	0.1028	0.0961	0.0998	0.1746
In-119	1.6603	1.4953	1.5586	1.5256	1.7170	1.6448	1.7855	2.8385
In-119m	0.1857	0.1641	0.1732	0.1906	0.1908	0.1696	0.1741	0.2313
In-121	1.6248	1.4459	1.5149	1.4007	1.7142	1.6538	1.7695	2.8188
In-121m	0.5242	0.4946	0.4699	0.5545	0.5336	0.5090	0.5179	0.4432
Ir-180	3.7665	3.4761	3.5256	3.5474	3.8395	3.5258	3.7084	5.0242
Ir-182	3.5354	3.2904	3.3295	3.3687	3.6059	3.2777	3.3697	4.4877
Ir-183	3.4419	3.1663	3.2442	3.3412	3.4321	3.2193	3.4414	4.4022
Ir-184	5.4071	4.9547	5.0501	5.0884	5.5052	5.0750	5.3093	7.2351
Ir-185	3.0583	2.8334	2.9905	3.1417	2.9992	2.7713	3.0088	3.6977
Ir-186	5.2293	4.7787	4.8462	4.9220	5.3148	4.8568	5.0727	6.8390
Ir-186m	2.9319	2.6979	2.7638	2.7676	2.9883	2.8142	2.9957	4.2035
Ir-187	2.0408	1.9101	1.9762	2.0708	1.9694	1.8837	2.0887	2.3202
Ir-188	3.5911	3.2328	3.3439	3.3740	3.6673	3.4313	3.5832	5.2214
Ir-189	1.3264	1.2593	1.3239	1.4262	1.2468	1.1866	1.3315	1.3008
Ir-190	6.0943	5.5017	5.5738	5.6572	6.1664	5.6413	6.0690	8.0209
Ir-190m	0.2427	0.2114	0.3163	0.3520	0.2076	0.1469	0.2102	0.2884
Ir-190n	1.0358	0.9972	1.0161	1.0967	0.9772	0.9483	1.0581	0.9808
Ir-191m	1.3307	1.3103	1.3918	1.4990	1.2904	1.1571	1.2644	1.3880
Ir-192	3.7830	3.3113	3.3146	3.4137	3.8675	3.3702	3.5356	4.7029

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Ir-192m	0.2620	0.2398	0.3480	0.3955	0.2360	0.1681	0.2339	0.3121
Ir-192n	0.5496	0.5047	0.7276	0.8271	0.4966	0.3561	0.4923	0.6528
Ir-193m	0.2430	0.2133	0.3154	0.3516	0.2094	0.1498	0.2121	0.2875
Ir-194	0.3434	0.2993	0.3005	0.3069	0.3542	0.3077	0.3170	0.4405
Ir-194m	8.0392	7.1299	7.2010	7.3035	8.2186	7.4047	8.1004	11.2854
Ir-195	1.0225	1.0125	1.0368	1.1346	0.9848	0.9092	1.0417	1.0726
Ir-195m	2.1457	1.9783	2.0048	2.0848	2.1528	1.9345	2.0720	2.5978
Ir-196	0.6906	0.6104	0.6191	0.6156	0.7105	0.6406	0.6682	0.9846
Ir-196m	8.5816	7.6726	7.7846	7.8591	8.7398	7.8926	8.5753	12.0547
K-38	1.3149	1.0808	1.1864	1.1476	1.4306	1.3267	1.3103	2.6412
K-40	0.1493	0.1283	0.1371	0.1352	0.1639	0.1492	0.1481	0.2862
K-42	0.2530	0.2161	0.2300	0.2280	0.2799	0.2543	0.2486	0.4886
K-43	3.1305	2.7747	2.8002	2.8028	3.2160	2.9083	3.1468	4.5246
K-44	2.1028	1.8116	1.9233	1.8221	2.2836	2.1376	2.1968	3.9793
K-45	2.5505	2.2343	2.3261	2.2717	2.7355	2.4180	2.2844	3.9705
K-46	2.0375	1.7484	1.8513	1.7826	2.2457	2.0653	2.0758	4.0246
Kr-74	2.0560	1.9920	1.9788	2.0806	2.1427	1.8482	1.8925	2.4482
Kr-75	1.8187	1.8151	1.7970	1.8266	1.9403	1.6380	1.4936	2.1742
Kr-76	2.5972	2.4447	2.5525	2.7674	2.7455	2.3081	2.4314	3.1128
Kr-77	1.9113	1.9515	1.9024	1.9354	2.0498	1.7108	1.5250	2.1684
Kr-79	1.0426	1.0290	1.1307	1.2644	1.1240	0.9404	1.0231	1.3339
Kr-81	0.3502	0.4145	0.5164	0.6544	0.4121	0.3022	0.3685	0.4195
Kr-81m	1.1751	1.1020	1.1277	1.1709	1.2744	1.0577	0.9856	1.3499
Kr-83m	0.1643	0.1842	0.2357	0.2943	0.1827	0.1327	0.1662	0.1929
Kr-85	0.0069	0.0061	0.0062	0.0063	0.0070	0.0065	0.0075	0.0101
Kr-85m	1.3992	1.3224	1.3153	1.3195	1.4695	1.2249	1.0740	1.5339
Kr-87	1.2505	1.0957	1.1292	1.1050	1.3048	1.1816	1.2042	1.9257
Kr-88	1.9679	1.7176	1.8147	1.7979	2.1462	1.9331	1.9140	3.3630
Kr-89	2.5403	2.2266	2.3135	2.2600	2.6975	2.4817	2.5916	4.2551
La-128	4.9069	4.3379	4.4225	4.4144	5.0958	4.6301	5.0164	7.2048
La-129	1.8853	1.7398	1.7370	1.8416	1.9473	1.6540	1.8990	2.2623
La-130	3.5282	3.1128	3.1819	3.1945	3.6633	3.2925	3.5958	5.1808
La-131	2.3789	2.2129	2.2096	2.3773	2.4511	2.0545	2.4589	2.8269
La-132	3.0855	2.7377	2.8155	2.8773	3.1964	2.8836	3.3198	4.6144
La-132m	2.5607	2.3968	2.4083	2.4915	2.6626	2.3071	2.5755	3.2754
La-133	0.8684	0.8125	0.8588	1.0113	0.8864	0.6862	1.0480	0.8780
La-134	0.3436	0.3210	0.3281	0.3827	0.3568	0.2860	0.4298	0.3869
La-135	0.6571	0.6279	0.6407	0.7892	0.6795	0.5066	0.8617	0.5763
La-136	0.4531	0.4316	0.4413	0.5349	0.4698	0.3575	0.5891	0.4309
La-137	0.6067	0.5816	0.5945	0.7381	0.6274	0.4623	0.8025	0.5157
La-138	1.7368	1.5477	1.6188	1.6461	1.8608	1.6744	1.8844	2.9568
La-140	3.1607	2.7482	2.8678	2.8427	3.3614	3.0757	3.1865	5.3775
La-141	0.0263	0.0228	0.0239	0.0231	0.0289	0.0266	0.0267	0.0504

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
La-142	2.1680	1.8706	1.9749	1.9176	2.3318	2.1755	2.3121	4.0387
La-143	0.3156	0.2755	0.2882	0.2786	0.3362	0.3156	0.3361	0.5713
Lu-165	3.2154	2.9844	3.0205	3.0384	3.3092	2.9487	3.0390	3.9337
Lu-167	3.6953	3.3140	3.4493	3.4872	3.8153	3.4291	3.6252	5.0098
Lu-169m	0.1813	0.1547	0.2344	0.2585	0.1518	0.1071	0.1550	0.2153
Lu-169	3.2947	2.9797	3.0928	3.0448	3.4088	3.1152	3.2566	4.4823
Lu-170	3.2820	2.9049	3.0656	3.0016	3.4533	3.1844	3.3323	5.1790
Lu-171m	0.1948	0.1668	0.2499	0.2754	0.1638	0.1169	0.1676	0.2299
Lu-171	2.9334	2.6802	2.8593	2.9276	2.9111	2.6574	2.9732	3.6714
Lu-172	4.7581	4.2920	4.4765	4.3545	4.9164	4.5497	4.8420	6.9059
Lu-172m	0.1631	0.1391	0.2108	0.2324	0.1365	0.0963	0.1394	0.1936
Lu-173	2.2190	2.0717	2.0906	2.1294	2.2146	2.0026	2.1438	2.1628
Lu-174	1.0453	0.9707	1.0228	1.0467	1.0274	0.9296	1.0281	1.0340
Lu-174m	1.2568	1.1572	1.3002	1.3748	1.1919	1.0464	1.2071	1.2180
Lu-176	3.5248	3.1400	3.1925	3.2765	3.6162	3.0843	3.1070	4.0269
Lu-176m	0.2873	0.2754	0.2996	0.3207	0.2707	0.2362	0.2792	0.3128
Lu-177	0.3500	0.3300	0.3336	0.3398	0.3603	0.3085	0.3052	0.3978
Lu-177m	7.4157	6.8085	6.8426	6.9268	7.5827	6.6184	6.5705	8.3993
Lu-178	0.3150	0.2925	0.3097	0.3181	0.3185	0.2828	0.3061	0.4440
Lu-178m	6.4169	5.8506	5.8112	5.9500	6.5274	5.7094	5.9212	7.6804
Lu-179	0.2202	0.1990	0.1999	0.1996	0.2310	0.1992	0.1903	0.2547
Lu-180	3.2391	2.8920	2.9792	2.9336	3.3800	3.0544	3.1436	4.8126
Lu-181	2.4533	2.2295	2.3388	2.3724	2.4784	2.2193	2.4167	3.2673
Mg-27	1.4931	1.3330	1.4004	1.2855	1.5747	1.5313	1.6382	2.7000
Mg-28	2.4889	2.2285	2.2844	2.3311	2.6415	2.3692	2.6651	3.8032
Mn-50m	4.8279	4.2626	4.4546	4.2122	5.1664	4.8990	5.1400	8.9033
Mn-51	0.0119	0.0104	0.0126	0.0128	0.0117	0.0102	0.0119	0.0191
Mn-52	4.4487	3.9252	4.1513	3.9486	4.7286	4.4722	4.7354	8.1099
Mn-52m	1.3798	1.1895	1.2536	1.2265	1.5187	1.3893	1.3765	2.6425
Mn-53	0.1466	0.1249	0.1895	0.2088	0.1226	0.0865	0.1253	0.1741
Mn-54	1.6341	1.4611	1.5859	1.5011	1.6805	1.6058	1.7552	2.8976
Mn-56	2.0523	1.8017	1.9068	1.7881	2.1747	2.0887	2.1878	3.8477
Mn-57	0.6384	0.6235	0.6996	0.7717	0.6508	0.5277	0.5763	0.7936
Mn-58m	3.2866	2.9037	3.0254	2.8828	3.4897	3.3004	3.4586	5.9646
Mo-101	2.5923	2.2898	2.3860	2.3566	2.7176	2.4932	2.6464	4.1667
Mo-102	0.1562	0.1441	0.1437	0.1446	0.1637	0.1384	0.1266	0.1741
Mo-89	0.3248	0.2893	0.3016	0.3010	0.3461	0.3224	0.3455	0.5645
Mo-90	3.6589	3.5295	3.5129	3.9989	3.8552	3.2077	3.1645	3.8483
Mo-91m	1.4082	1.2487	1.2912	1.2936	1.4999	1.3913	1.5089	2.4691
Mo-91	0.0506	0.0498	0.0525	0.0754	0.0549	0.0409	0.0436	0.0427
Mo-93	0.5874	0.6050	0.6341	0.9892	0.6319	0.4358	0.4794	0.2740
Mo-93m	4.0535	3.5969	3.7087	3.7769	4.2861	3.9016	4.0840	6.4724
Mo-99	0.4747	0.4350	0.4435	0.4476	0.4942	0.4435	0.4546	0.6788

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	0.8483	0.7101	0.8506	0.7689	0.9936	0.8797	0.9441	1.9731
Na-22	1.3885	1.2158	1.2574	1.2007	1.5184	1.4075	1.4250	2.6322
Na-24	2.6421	2.2383	2.3965	2.3152	2.9466	2.6960	2.7010	5.2778
Nb-87	2.3355	2.2146	2.2214	2.4682	2.5148	2.0499	1.9391	2.4483
Nb-88m	5.4456	4.8137	4.9922	4.7972	5.7305	5.3615	5.6997	8.9977
Nb-88	6.6500	5.9947	6.1432	6.1544	6.9992	6.4928	7.0124	10.3237
Nb-89	0.5811	0.5284	0.5588	0.6361	0.6413	0.5551	0.5730	0.9239
Nb-89m	1.5398	1.3871	1.4099	1.4987	1.5740	1.4311	1.6368	2.1591
Nb-90	4.3226	3.9355	4.0885	4.2307	4.7039	4.1667	4.1158	6.8182
Nb-91	0.5606	0.6129	0.6309	0.9998	0.6357	0.4375	0.4809	0.2797
Nb-91m	0.5331	0.5457	0.5715	0.8707	0.5740	0.4045	0.4428	0.2971
Nb-92	3.5947	3.3045	3.4159	3.6590	3.7905	3.4499	3.8411	5.3593
Nb-92m	2.0709	1.9536	2.0482	2.2913	2.2378	1.9954	2.1493	2.9902
Nb-93m	0.1150	0.1166	0.1263	0.1910	0.1213	0.0838	0.0942	0.0609
Nb-94m	0.4091	0.4196	0.4413	0.6815	0.4390	0.3051	0.3363	0.2040
Nb-94	2.9656	2.6589	2.7577	2.6045	3.1013	2.9957	3.2920	5.2986
Nb-95	1.4947	1.3474	1.3951	1.3169	1.5564	1.5098	1.6450	2.7156
Nb-95m	0.8328	0.7997	0.8189	1.0560	0.8799	0.6922	0.7054	0.6861
Nb-96	4.7967	4.2766	4.4130	4.2314	5.0056	4.7507	5.1577	8.1537
Nb-97	1.5235	1.3658	1.3906	1.3727	1.5822	1.5005	1.7270	2.6107
Nb-98m	4.6134	4.1050	4.2619	4.0749	4.8524	4.6144	4.9338	8.2365
Nb-99	2.1995	2.2380	2.1728	2.3976	2.3032	1.8655	1.7607	2.3146
Nb-99m	0.9836	0.8772	0.9061	0.9228	1.0408	0.9350	0.9729	1.5651
Nd-134	2.5214	2.3402	2.3191	2.4354	2.6337	2.1817	2.2957	2.7395
Nd-135	3.0347	2.7685	2.7719	2.9154	3.1681	2.6927	2.9506	3.6005
Nd-136	1.9817	1.9336	1.8780	2.1063	2.0837	1.6784	2.0462	2.1262
Nd-137	2.5696	2.3656	2.3445	2.4925	2.6863	2.3603	2.7814	3.3972
Nd-138	0.7411	0.7117	0.6912	0.8305	0.7845	0.6002	0.8337	0.6389
Nd-139	0.8505	0.7973	0.7892	0.8843	0.8962	0.7375	0.9335	0.9605
Nd-139m	4.0465	3.7720	3.7984	3.8628	4.2637	3.8145	4.3154	5.9923
Nd-140	0.6421	0.6229	0.6039	0.7383	0.6811	0.5141	0.7431	0.5281
Nd-141	0.6671	0.6450	0.6262	0.7585	0.7086	0.5403	0.7685	0.5747
Nd-141m	1.4255	1.2882	1.3279	1.2714	1.4853	1.4262	1.5735	2.5239
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	1.0314	1.0059	0.9471	1.0420	1.0706	0.9055	1.0657	1.1733
Nd-149	2.2423	2.0769	2.0455	2.1069	2.3382	2.0084	2.0669	2.6692
Nd-151	2.5884	2.4332	2.4102	2.4101	2.7239	2.4152	2.4750	3.6019
Nd-152	1.0727	0.9653	0.9755	1.0292	1.1020	0.9502	0.9698	1.1954
Ne-19	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0003
Ne-24	1.7258	1.5284	1.5507	1.5559	1.7490	1.6066	1.7836	2.4588
Ni-56	5.1866	4.6602	4.8658	4.7517	5.3274	4.7991	4.8724	7.5148
Ni-57	1.7455	1.5468	1.6596	1.6429	1.8723	1.6786	1.6841	3.0805

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ni-59	0.2542	0.2166	0.3285	0.3621	0.2125	0.1499	0.2172	0.3019
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.6452	0.5597	0.5875	0.5672	0.7000	0.6451	0.6520	1.1685
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	4.5709	4.3622	4.4739	4.8273	4.7774	4.1065	4.3575	6.1614
Np-233	1.3579	1.4423	1.4376	1.6737	1.4226	1.1264	1.2143	1.5795
Np-234	2.4531	2.3947	2.4885	2.7836	2.6225	2.2057	2.3194	3.5379
Np-235	0.3898	0.4054	0.4821	0.6509	0.4125	0.2942	0.3490	0.3268
Np-236	2.8724	2.9478	3.1091	3.7871	3.0127	2.3206	2.4497	2.8819
Np-236m	0.7531	0.7986	0.8071	0.9564	0.7895	0.6208	0.6755	0.8570
Np-237	0.9081	0.9552	1.0215	1.3291	0.9681	0.7425	0.8789	0.8274
Np-238	1.2300	1.1298	1.2347	1.3167	1.3012	1.1658	1.2679	1.8039
Np-239	2.2510	2.2545	2.3104	2.6370	2.3277	1.8611	1.9413	2.4967
Np-240	3.7439	3.5226	3.7148	4.0981	3.8918	3.3526	3.6370	4.9153
Np-240m	1.0666	0.9856	1.0506	1.1902	1.1023	0.9555	1.0806	1.4145
Np-241	0.5422	0.5597	0.5690	0.6593	0.5662	0.4460	0.4633	0.6013
Np-242	0.3947	0.3540	0.3771	0.3873	0.4182	0.3833	0.4086	0.6678
Np-242m	3.1399	2.9499	3.1622	3.5054	3.2633	2.8169	2.9984	4.1368
O-14	1.2943	1.0647	1.1680	1.1321	1.4343	1.3174	1.3004	2.6047
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	2.3319	2.0722	2.1113	2.0797	2.5059	2.1736	2.0699	3.2812
Os-180	1.5352	1.4222	1.5290	1.6612	1.4379	1.3317	1.5049	1.5207
Os-181	4.3079	3.9609	4.0528	4.0678	4.3517	4.0851	4.2918	5.6827
Os-182	2.8503	2.6141	2.7009	2.7946	2.8130	2.5667	2.7685	3.2815
Os-183	3.9788	3.6988	3.7106	3.8157	3.9330	3.6315	3.7999	4.5029
Os-183m	2.2801	2.0796	2.1564	2.1264	2.3157	2.2315	2.4004	3.2539
Os-185	2.3630	2.1698	2.2136	2.2502	2.3619	2.2692	2.5716	3.3309
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	0.2341	0.2027	0.3044	0.3379	0.1990	0.1407	0.2020	0.2782
Os-190m	6.3108	5.6166	5.7894	5.8834	6.4189	5.7262	6.2153	8.5644
Os-191	1.4225	1.4047	1.4722	1.5812	1.3835	1.2498	1.3549	1.4756
Os-191m	0.3239	0.2923	0.3859	0.4258	0.2857	0.2316	0.2993	0.3566
Os-193	0.5117	0.4824	0.4958	0.5224	0.5041	0.4567	0.4963	0.5836
Os-194	0.2398	0.2198	0.2977	0.3370	0.2218	0.1624	0.2180	0.2677
Os-196	0.5423	0.5111	0.5050	0.5224	0.5453	0.4986	0.5191	0.6214
P-30	0.0010	0.0008	0.0009	0.0009	0.0011	0.0010	0.0010	0.0020
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	0.4852	0.5170	0.5354	0.6616	0.5115	0.4148	0.4647	0.4854
Pa-228	4.5347	4.3946	4.5415	4.9728	4.7795	4.1261	4.4529	6.1703
Pa-229	1.1273	1.2155	1.2132	1.4432	1.1881	0.9522	1.0611	1.2797
Pa-230	2.5105	2.4838	2.5554	2.8248	2.6436	2.2816	2.5095	3.3897
Pa-231	0.8510	0.8642	0.9839	1.2598	0.9027	0.6838	0.7920	0.8118

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Pa-232	2.5447	2.3662	2.5022	2.6406	2.6694	2.3791	2.5595	3.6526
Pa-233	1.9618	1.9005	1.9525	2.2560	2.0432	1.6437	1.7466	2.1728
Pa-234	4.7015	4.4940	4.6715	5.0330	4.9451	4.3076	4.5822	6.5067
Pa-234m	0.0380	0.0360	0.0378	0.0398	0.0402	0.0359	0.0387	0.0571
Pa-235	0.0855	0.0732	0.1107	0.1222	0.0718	0.0507	0.0733	0.1016
Pa-236	1.7885	1.6489	1.7371	1.8730	1.8871	1.6784	1.8475	2.7686
Pa-237	1.3523	1.2108	1.2729	1.2401	1.3935	1.3123	1.4535	2.2306
Pb-194	3.4744	3.2722	3.2561	3.3889	3.5628	3.2870	3.5908	4.6567
Pb-195m	5.4224	5.0106	5.1083	5.2354	5.5394	5.0388	5.4539	7.4360
Pb-196	3.1053	2.9639	2.9092	3.0759	3.1294	2.8785	3.1696	3.6629
Pb-197	3.4786	3.2157	3.2348	3.2866	3.5798	3.3193	3.5588	5.0121
Pb-197m	4.5991	4.2844	4.3262	4.4674	4.6952	4.2603	4.5930	6.0650
Pb-198	3.0028	2.8526	2.8091	2.9714	3.0359	2.7393	2.9481	3.4774
Pb-199	2.8548	2.6615	2.6549	2.7479	2.9238	2.6901	2.9068	3.8830
Pb-200	2.3925	2.3818	2.3392	2.5175	2.4147	2.1739	2.3368	2.5889
Pb-201	3.3344	3.0913	3.0609	3.1996	3.3929	3.0656	3.3238	4.1883
Pb-201m	1.2364	1.1695	1.1632	1.2179	1.2674	1.1884	1.3962	1.8331
Pb-202	0.2265	0.2077	0.3011	0.3426	0.2043	0.1455	0.2023	0.2696
Pb-202m	4.7502	4.2823	4.4157	4.2973	4.9222	4.6094	4.9839	7.4566
Pb-203	2.5705	2.4391	2.3835	2.5399	2.5915	2.3439	2.5256	2.8461
Pb-204m	4.4238	3.9458	4.0817	3.8785	4.6151	4.3354	4.5804	7.1058
Pb-205	0.2292	0.2102	0.3047	0.3468	0.2068	0.1473	0.2047	0.2728
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	0.2533	0.2660	0.3352	0.4090	0.2683	0.1976	0.2463	0.2773
Pb-211	0.1806	0.1637	0.1665	0.1637	0.1856	0.1719	0.1828	0.2718
Pb-212	1.2522	1.2042	1.1687	1.2354	1.2863	1.1534	1.2144	1.4048
Pb-214	1.4958	1.3741	1.3664	1.4378	1.5336	1.3387	1.4074	1.7757
Pd-100	2.3871	2.2453	2.2050	2.6902	2.2740	1.9529	2.1763	1.8485
Pd-101	2.0591	1.7574	1.9339	2.3504	1.9683	1.6022	1.7089	1.7785
Pd-103	0.6644	0.5528	0.6488	0.8747	0.5968	0.4437	0.4791	0.3262
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.1342	1.0090	1.0430	1.1130	1.1671	0.9667	0.9009	1.1494
Pd-109	0.3553	0.3175	0.3413	0.4415	0.3393	0.2795	0.2898	0.2387
Pd-111	0.1065	0.0952	0.0962	0.0975	0.1101	0.1024	0.1112	0.1617
Pd-112	0.2659	0.2436	0.2762	0.3967	0.2574	0.1817	0.2024	0.1323
Pd-114	0.2010	0.1914	0.1874	0.1905	0.2110	0.1809	0.1690	0.2269
Pd-96	3.2681	3.0401	3.1106	3.2251	3.3702	3.0053	3.1099	4.5082
Pd-97	3.1057	2.7140	2.8252	2.8612	3.2239	2.9164	3.0091	4.5636
Pd-98	2.4413	2.3061	2.3576	2.6531	2.4307	2.0313	2.1043	2.6442
Pd-99	2.6247	2.4332	2.4793	2.5946	2.7094	2.3369	2.2761	3.2272
Pm-136	4.7452	4.2192	4.3010	4.2222	4.9078	4.5115	4.8521	7.2506
Pm-137m	4.6847	4.3175	4.2864	4.4099	4.8798	4.2339	4.5130	5.9727
Pm-139	0.7956	0.7269	0.7251	0.7654	0.8287	0.7139	0.8048	1.0178

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Pm-140m	4.9168	4.3941	4.5322	4.3539	5.1357	4.8019	5.1681	7.9057
Pm-140	0.3124	0.2838	0.2880	0.2937	0.3296	0.2958	0.3321	0.4678
Pm-141	0.5832	0.5421	0.5384	0.5947	0.6249	0.5204	0.6239	0.7183
Pm-142	0.2148	0.2018	0.1987	0.2289	0.2310	0.1860	0.2321	0.2410
Pm-143	1.2334	1.1571	1.1475	1.2509	1.3001	1.1132	1.3666	1.5734
Pm-144	4.4369	4.0193	4.0515	4.1501	4.6010	4.2092	4.9296	6.7614
Pm-145	0.6801	0.6606	0.6354	0.7650	0.7204	0.5552	0.7517	0.5626
Pm-146	2.3770	2.1562	2.1735	2.2270	2.4545	2.2119	2.5199	3.3911
Pm-147	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Pm-148	0.8651	0.7600	0.7886	0.7719	0.9154	0.8550	0.9205	1.4980
Pm-148m	5.1178	4.5686	4.6439	4.6133	5.2826	4.9237	5.5624	8.0621
Pm-149	0.0628	0.0553	0.0558	0.0572	0.0644	0.0558	0.0568	0.0746
Pm-150	2.7783	2.4255	2.4848	2.4461	2.9214	2.6346	2.7171	4.3066
Pm-151	1.7878	1.6322	1.6142	1.6662	1.8530	1.5933	1.6423	2.1429
Pm-152m	4.2522	3.9019	3.9060	3.9022	4.4811	3.9800	4.0285	5.8191
Pm-152	0.7126	0.6782	0.6764	0.6726	0.7578	0.6774	0.7017	1.0399
Pm-153	0.8910	0.8941	0.8618	0.9252	0.9385	0.7724	0.8213	0.9495
Pm-154	2.2257	1.9748	2.0479	2.0020	2.3720	2.1950	2.3165	3.7677
Pm-154m	3.8890	3.5069	3.5415	3.5616	4.0984	3.6622	3.7843	5.6557
Po-203	3.6733	3.4775	3.5081	3.5613	3.8508	3.5867	3.8983	5.4830
Po-204	4.8571	4.7197	4.7453	5.0202	4.9903	4.5646	5.0947	6.3711
Po-205	3.5301	3.3470	3.3711	3.4004	3.6866	3.4795	3.8224	5.4280
Po-206	4.2382	4.0281	4.0908	4.3039	4.3799	3.9836	4.4493	5.7770
Po-207	3.2180	3.0507	3.0618	3.0853	3.3491	3.1606	3.5012	4.8153
Po-208	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-209	0.0363	0.0333	0.0384	0.0406	0.0351	0.0302	0.0352	0.0461
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-211	0.0172	0.0153	0.0158	0.0153	0.0178	0.0170	0.0190	0.0287
Po-212m	0.0649	0.0556	0.0586	0.0580	0.0701	0.0645	0.0692	0.1172
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	0.0009
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	6.4212	5.7052	5.8055	5.7612	6.6652	6.0326	6.4823	9.4367
Pr-134m	2.9035	2.5609	2.6300	2.6106	3.0141	2.7278	2.8902	4.3575
Pr-135	1.8374	1.6967	1.6670	1.8197	1.9120	1.6137	1.9316	2.1173
Pr-136	3.1855	2.8302	2.8939	2.9395	3.3037	3.0260	3.4827	4.8974
Pr-137	0.6558	0.6205	0.6167	0.7194	0.6901	0.5473	0.7608	0.6756
Pr-138	0.2246	0.2125	0.2120	0.2450	0.2368	0.1910	0.2639	0.2497
Pr-138m	5.2117	4.6526	4.7747	4.7149	5.4626	4.9780	5.4589	7.9139
Pr-139	0.6136	0.5917	0.5822	0.7125	0.6476	0.4883	0.7389	0.5289

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Pr-140	0.3268	0.3151	0.3100	0.3798	0.3449	0.2597	0.3935	0.2804
Pr-142	0.0502	0.0427	0.0457	0.0457	0.0558	0.0505	0.0491	0.0981
Pr-142m	0.0115	0.0098	0.0149	0.0164	0.0096	0.0068	0.0099	0.0137
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0335	0.0293	0.0306	0.0298	0.0356	0.0335	0.0360	0.0617
Pr-144m	0.2991	0.2847	0.2967	0.3552	0.3072	0.2308	0.3324	0.2646
Pr-145	0.0422	0.0386	0.0388	0.0387	0.0443	0.0412	0.0466	0.0656
Pr-146	1.6377	1.4379	1.4846	1.4627	1.7146	1.5803	1.6742	2.6785
Pr-147	2.1637	2.0272	1.9671	2.1337	2.2643	1.9365	2.2721	2.5660
Pr-148	2.1042	1.8372	1.8712	1.8634	2.2043	1.9720	2.0417	3.0940
Pr-148m	3.2359	2.8442	2.8643	2.8956	3.3331	2.9577	3.1148	4.3784
Pt-184	5.4590	5.1362	5.2067	5.4400	5.3903	4.9712	5.3236	6.1686
Pt-186	2.9193	2.7227	2.7516	2.8398	2.9030	2.7692	3.0855	3.8303
Pt-187	3.3428	3.1661	3.1894	3.3358	3.3018	3.0899	3.3483	3.9032
Pt-188	2.2523	2.1236	2.1648	2.2833	2.2091	2.0362	2.1680	2.3717
Pt-189	3.0305	2.8770	2.9064	3.0665	2.9654	2.8053	3.1091	3.5196
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	2.6279	2.5080	2.5077	2.6684	2.5426	2.4238	2.6818	2.8196
Pt-193	0.2438	0.2196	0.3219	0.3634	0.2159	0.1534	0.2154	0.2902
Pt-193m	0.4266	0.3998	0.4981	0.5552	0.3890	0.3244	0.4104	0.4669
Pt-195m	1.5930	1.5597	1.6958	1.8720	1.5115	1.3538	1.5991	1.6924
Pt-197	0.4510	0.4459	0.4809	0.5362	0.4401	0.3836	0.4609	0.4994
Pt-197m	1.1303	1.0786	1.1842	1.3030	1.0866	0.9665	1.1203	1.2145
Pt-199	0.7734	0.6958	0.7084	0.7229	0.7875	0.7120	0.7795	1.0449
Pt-200	0.8295	0.8126	0.8378	0.9124	0.8146	0.7324	0.8274	0.8900
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pu-232	1.0150	1.0778	1.0795	1.2581	1.0621	0.8329	0.8871	1.1672
Pu-234	1.1477	1.2168	1.2284	1.4437	1.2010	0.9380	1.0034	1.3017
Pu-235	1.5239	1.6075	1.6390	1.9433	1.5957	1.2440	1.3389	1.6970
Pu-236	0.1229	0.1282	0.1490	0.2068	0.1314	0.0934	0.1087	0.0933
Pu-237	1.0394	1.0912	1.1373	1.3823	1.0857	0.8402	0.9156	1.0944
Pu-238	0.1132	0.1183	0.1375	0.1909	0.1212	0.0861	0.1002	0.0861
Pu-239	0.0649	0.0646	0.0801	0.1047	0.0656	0.0466	0.0570	0.0569
Pu-240	0.1066	0.1113	0.1293	0.1795	0.1140	0.0810	0.0943	0.0810
Pu-241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pu-242	0.0914	0.0955	0.1109	0.1540	0.0978	0.0695	0.0809	0.0696
Pu-243	0.4055	0.4184	0.3979	0.4760	0.4096	0.3534	0.4096	0.4062
Pu-244	0.1064	0.1062	0.1198	0.1550	0.1133	0.0871	0.0979	0.1063
Pu-245	1.6534	1.5388	1.5562	1.6424	1.7137	1.4754	1.5510	2.1748
Pu-246	1.8500	1.8297	1.8501	2.1088	1.9382	1.5589	1.6034	1.9148
Ra-219	1.0645	0.9760	0.9584	1.0292	1.0973	0.9325	0.9867	1.2511
Ra-220	0.0165	0.0147	0.0148	0.0150	0.0167	0.0152	0.0168	0.0228
Ra-221	0.5819	0.5985	0.6296	0.7245	0.6139	0.4955	0.5219	0.6311



<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Ra-222	0.0498	0.0434	0.0432	0.0452	0.0513	0.0432	0.0441	0.0588
Ra-223	1.3935	1.3909	1.3649	1.5017	1.4300	1.2309	1.3405	1.5930
Ra-224	0.0760	0.0698	0.0696	0.0714	0.0787	0.0692	0.0683	0.0860
Ra-225	0.3693	0.3823	0.3760	0.4890	0.4118	0.3086	0.3689	0.2924
Ra-226	1.2392	1.1189	1.2417	1.2749	1.3452	1.3501	1.3936	1.3528
Ra-227	1.3202	1.2889	1.3756	1.6396	1.3828	1.1228	1.2488	1.4240
Ra-228	1.2402	1.1308	1.2431	1.2740	1.3377	1.3391	1.3881	1.3499
Ra-230	0.7023	0.6975	0.6937	0.7731	0.7216	0.6234	0.6775	0.8014
Rb-77	1.9064	1.7965	1.7392	1.7663	1.9763	1.8693	1.9280	2.4551
Rb-78m	3.7527	3.3249	3.4233	3.3724	3.9299	3.6303	3.8907	6.1980
Rb-78	2.7785	2.4179	2.5418	2.5094	2.9626	2.7144	2.8830	4.8539
Rb-79	2.4788	2.3534	2.3872	2.4587	2.6360	2.2932	2.3037	3.2848
Rb-80	0.4485	0.4035	0.4102	0.4122	0.4662	0.4378	0.5083	0.7469
Rb-81	0.9100	0.9179	0.9691	1.0968	1.0083	0.8683	0.9578	1.2437
Rb-81m	0.3128	0.4174	0.4312	0.5995	0.4197	0.3227	0.3558	0.3323
Rb-82	0.2556	0.2368	0.2477	0.2426	0.2717	0.2589	0.2804	0.4589
Rb-82m	5.1961	4.7480	4.9347	4.9077	5.5221	5.1728	5.6779	8.8631
Rb-83	1.7633	1.7141	1.7963	1.9907	1.8984	1.6812	1.9398	2.5174
Rb-84	1.2501	1.2200	1.3076	1.3495	1.3871	1.2825	1.3883	2.1328
Rb-84m	2.1601	1.9896	2.0017	2.0765	2.2669	1.9931	2.0075	2.5898
Rb-86m	1.5494	1.3799	1.3986	1.4166	1.5831	1.4747	1.7095	2.3757
Rb-86	0.1256	0.1105	0.1167	0.1066	0.1352	0.1297	0.1368	0.2269
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rb-88	0.5592	0.4779	0.5134	0.4893	0.6020	0.5668	0.5767	1.0764
Rb-89	2.4027	2.0913	2.2079	2.0683	2.5964	2.4529	2.5575	4.4331
Rb-90	1.2773	1.1082	1.1901	1.1119	1.3844	1.3068	1.3723	2.5330
Rb-90m	2.9683	2.5972	2.7525	2.5984	3.1922	3.0246	3.1601	5.6743
Re-178	3.0562	2.8017	2.8999	2.9268	3.1097	2.8408	2.9794	4.1063
Re-179	4.0162	3.6270	3.7018	3.7728	4.0428	3.6792	3.8700	5.0231
Re-180	3.1063	2.8754	3.0015	2.9661	3.1300	2.9689	3.2257	4.4541
Re-181	3.7880	3.4436	3.5267	3.6022	3.7692	3.4591	3.6939	4.5907
Re-182	7.1986	6.6336	6.7423	6.8316	7.2913	6.6299	6.8113	8.7839
Re-182m	3.4139	3.1800	3.2187	3.2572	3.4291	3.2545	3.4778	4.4590
Re-183	2.3712	2.2219	2.3343	2.4448	2.2857	2.0748	2.2254	2.3647
Re-184	2.7901	2.5911	2.6821	2.6559	2.8040	2.6763	2.8957	3.9326
Re-184m	2.4799	2.3085	2.4229	2.5018	2.4370	2.2078	2.3712	2.8983
Re-186	0.2819	0.2767	0.2805	0.2906	0.2816	0.2501	0.2498	0.2928
Re-186m	0.8506	0.7645	1.0125	1.1167	0.7599	0.5975	0.7745	0.9324
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	0.3851	0.3571	0.3659	0.3663	0.3908	0.3411	0.3259	0.4466
Re-188m	1.4018	1.3392	1.4361	1.5422	1.3090	1.2085	1.3708	1.4260
Re-189	0.4538	0.4140	0.4301	0.4408	0.4596	0.4017	0.4064	0.5147
Re-190	4.6302	4.1399	4.2032	4.1803	4.7719	4.3094	4.5225	6.4681

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Re-190m	3.7393	3.3868	3.4528	3.4938	3.7949	3.4346	3.6661	4.9620
Rh-100m	1.0251	0.8813	0.9868	1.2870	0.9454	0.7357	0.8371	0.6354
Rh-100	4.1248	3.5934	3.7996	3.9998	4.2754	3.8519	4.1386	6.3019
Rh-101	3.0671	2.8758	2.9195	3.2190	3.1738	2.5881	2.4519	3.0368
Rh-101m	2.1264	1.8429	1.9237	2.2250	2.1227	1.7269	1.7821	2.0471
Rh-102	1.3982	1.2317	1.2988	1.4654	1.3877	1.2026	1.3351	1.6371
Rh-102m	5.5015	4.8831	5.0724	5.2337	5.6250	5.1544	5.7189	8.1652
Rh-103m	0.0883	0.0739	0.0916	0.1180	0.0783	0.0577	0.0661	0.0554
Rh-104	0.0363	0.0322	0.0330	0.0344	0.0368	0.0338	0.0388	0.0529
Rh-104m	1.0588	0.9361	0.9972	1.2028	1.0144	0.8293	0.8797	0.6828
Rh-105	0.4194	0.3605	0.3594	0.3741	0.4314	0.3625	0.3664	0.4895
Rh-106	0.5364	0.4758	0.4840	0.4861	0.5489	0.5123	0.5884	0.8287
Rh-106m	5.7119	5.0620	5.2070	5.0819	5.9431	5.5585	6.0403	9.3115
Rh-107	1.6128	1.4036	1.4013	1.4412	1.6567	1.4185	1.4340	1.9267
Rh-108	1.0286	0.9134	0.9246	0.9250	1.0474	0.9559	1.0445	1.4750
Rh-109	1.7240	1.5212	1.5229	1.5836	1.7682	1.5035	1.5051	1.9953
Rh-94	3.4218	2.9999	3.1308	3.0278	3.6749	3.4099	3.5164	6.1305
Rh-95	2.3744	2.0806	2.2077	2.1599	2.5208	2.3510	2.4724	4.0874
Rh-95m	1.5638	1.3801	1.4193	1.4476	1.5972	1.4764	1.6818	2.3979
Rh-96	5.8408	5.2036	5.3947	5.2845	6.0978	5.7719	6.3594	10.1176
Rh-96m	1.4427	1.2567	1.3549	1.3952	1.4860	1.3628	1.4382	2.2773
Rh-97	2.1950	1.9380	2.0144	2.0848	2.2366	1.9984	2.0969	3.0288
Rh-97m	3.2677	2.8489	3.0176	3.1738	3.4070	2.9839	3.0206	4.6250
Rh-98	1.7547	1.5616	1.6056	1.6097	1.8246	1.7115	1.9411	2.9664
Rh-99	2.8677	2.5818	2.6649	3.0718	2.8454	2.3988	2.6086	3.0707
Rh-99m	2.4211	2.1157	2.2064	2.4724	2.4385	2.0540	2.1594	2.7493
Rn-207	3.0597	2.8622	2.8418	2.9537	3.1569	2.8492	3.1264	4.2383
Rn-209	3.3482	3.1480	3.1364	3.2433	3.4622	3.1451	3.4258	4.7485
Rn-210	0.2328	0.2227	0.2236	0.2366	0.2407	0.2179	0.2435	0.3183
Rn-211	4.1966	3.9041	3.9606	4.0208	4.4000	4.0620	4.4483	6.5446
Rn-212	0.0008	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	0.0018	0.0018	0.0020	0.0019	0.0022	0.0032
Rn-219	0.3202	0.2897	0.2882	0.2941	0.3280	0.2893	0.2933	0.3838
Rn-220	1.3795	1.2822	1.3800	1.4080	1.4605	1.4675	1.4973	1.4587
Rn-222	0.0012	0.0011	0.0011	0.0011	0.0013	0.0012	0.0013	0.0018
Rn-223	1.5036	1.4585	1.5258	1.6787	1.5597	1.3491	1.5107	1.9971
Ru-103	1.5900	1.4062	1.4256	1.4515	1.6053	1.4820	1.7002	2.2719
Ru-105	2.1515	1.9221	1.9663	1.9780	2.2085	2.0208	2.1843	3.1907
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	0.8570	0.7613	0.7801	0.7644	0.8953	0.8121	0.8379	1.2693

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ru-108	0.6628	0.6119	0.6178	0.6340	0.6797	0.5643	0.5006	0.6811
Ru-92	6.5678	6.0196	6.1279	6.6558	6.8134	5.7926	5.7054	7.2571
Ru-94	2.2877	2.0371	2.1283	2.4087	2.3173	1.9543	2.0405	2.5762
Ru-95	3.0520	2.6902	2.7925	3.0305	3.1478	2.7236	2.8663	3.9625
Ru-97	2.2686	2.0397	2.1163	2.4246	2.3302	1.9025	1.8829	2.1804
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	1.1696	0.9675	1.0681	1.0164	1.3186	1.2044	1.2427	2.5610
S-38	1.1599	0.9573	1.0478	1.0164	1.2440	1.1603	1.1433	2.3178
Sb-111	2.3809	2.1743	2.1938	2.2020	2.4619	2.1801	2.1544	3.0565
Sb-113	1.9615	1.7448	1.7616	1.8452	1.9988	1.8222	2.0168	2.6334
Sb-114	2.3206	2.0352	2.1124	2.0625	2.5037	2.3209	2.3732	4.1256
Sb-115	2.0383	1.8224	1.8408	1.9753	2.0681	1.8957	2.1205	2.6399
Sb-116	2.0812	1.8304	1.9039	1.8988	2.2469	2.0873	2.1292	3.6022
Sb-116m	6.0273	5.4791	5.5773	5.6156	6.3527	5.8281	6.0632	9.1687
Sb-117	2.0018	1.8500	1.8535	2.0033	2.0690	1.7641	1.5849	1.9217
Sb-118	0.2180	0.2006	0.2017	0.2433	0.2274	0.2052	0.2097	0.2242
Sb-118m	5.7896	5.2047	5.2787	5.4107	6.1276	5.6150	5.7507	8.0909
Sb-119	0.7494	0.6946	0.7081	0.9166	0.7619	0.6699	0.6806	0.5437
Sb-120	0.3778	0.3520	0.3513	0.4477	0.3907	0.3489	0.3546	0.3037
Sb-120m	5.9428	5.4554	5.4745	5.5105	6.2903	5.7345	5.9019	8.5349
Sb-122m	1.3196	1.2771	1.1814	1.3799	1.3115	1.2685	1.3942	1.0670
Sb-122	1.2057	1.0734	1.0885	1.0993	1.2349	1.1535	1.3324	1.8755
Sb-124	2.7839	2.4451	2.5285	2.5086	2.9311	2.7383	3.0124	4.8683
Sb-124m	1.2022	1.0699	1.0986	1.1076	1.2272	1.1429	1.3286	1.8916
Sb-124n	0.0402	0.0343	0.0520	0.0573	0.0336	0.0237	0.0344	0.0478
Sb-125	1.8028	1.6310	1.6447	1.7572	1.8516	1.6483	1.8715	2.3235
Sb-126	6.6284	5.9306	6.0547	5.9185	6.8591	6.4486	7.1451	10.8781
Sb-126m	4.0273	3.6002	3.6657	3.6068	4.1507	3.8696	4.2740	6.4181
Sb-127	1.8878	1.6892	1.7165	1.7013	1.9413	1.8117	1.9992	2.9156
Sb-128	7.3073	6.5077	6.6486	6.5136	7.5804	7.0866	7.7866	11.9188
Sb-128m	4.7452	4.2084	4.2988	4.2065	4.9260	4.5559	4.8879	7.5578
Sb-129	2.4531	2.1761	2.2650	2.1553	2.5781	2.4496	2.6242	4.2671
Sb-130m	5.2231	4.6751	4.8551	4.5793	5.4865	5.2026	5.4823	8.9066
Sb-130	7.6628	6.8182	7.0036	6.7821	7.9983	7.3738	7.6925	12.0216
Sb-131	3.0212	2.6625	2.7793	2.6467	3.2039	3.0257	3.2220	5.2909
Sb-133	3.1127	2.7123	2.8530	2.7138	3.3465	3.1369	3.2496	5.6621
Sc-42m	4.3843	3.8291	3.9654	3.8848	4.6778	4.2778	4.3739	7.4765
Sc-43	0.3787	0.3324	0.3376	0.3404	0.3850	0.3343	0.3398	0.4797
Sc-44	1.4427	1.2668	1.3268	1.2354	1.5619	1.4760	1.5320	2.6583
Sc-44m	1.5103	1.3389	1.3384	1.3513	1.5519	1.3647	1.3508	1.7604
Sc-46	2.9233	2.5895	2.7217	2.5018	3.1190	3.0043	3.1819	5.3175
Sc-47	1.0534	0.9673	0.9724	0.9451	1.0907	0.9090	0.7607	1.1289
Sc-48	4.4516	3.9136	4.1218	3.8034	4.7957	4.5628	4.7638	8.0294

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Sc-49	0.0008	0.0007	0.0007	0.0007	0.0009	0.0008	0.0008	0.0016
Sc-50	4.2381	3.6953	3.8587	3.7675	4.5244	4.2043	4.4401	7.4230
Se-70	2.1995	2.0147	2.3095	2.4502	2.1837	1.8040	2.0200	2.6033
Se-71	1.5475	1.4291	1.4594	1.4072	1.6322	1.4573	1.4077	2.2513
Se-72	1.1076	1.0423	1.2778	1.4292	1.0869	0.8353	1.0402	1.1431
Se-73	2.5274	2.3073	2.3014	2.3959	2.5205	2.2878	2.4125	2.9117
Se-73m	0.3227	0.3041	0.3396	0.3666	0.3241	0.2780	0.3135	0.4051
Se-75	3.2625	3.0754	3.2276	3.3414	3.3317	2.8018	2.7946	3.7748
Se-77m	1.0099	0.9478	1.0199	1.0510	1.0449	0.8502	0.7809	1.1117
Se-79m	0.4411	0.4601	0.5688	0.6651	0.4505	0.3389	0.4213	0.5429
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0311	0.0275	0.0276	0.0278	0.0320	0.0286	0.0297	0.0410
Se-81m	0.4939	0.5164	0.6244	0.7219	0.5066	0.3812	0.4595	0.6159
Se-83m	1.4859	1.2997	1.3598	1.2904	1.5707	1.4736	1.5562	2.5180
Se-83	5.1490	4.5294	4.6498	4.5671	5.3762	4.9182	5.1599	8.0006
Se-84	1.6535	1.4678	1.4812	1.4702	1.6787	1.4971	1.5370	2.1937
Si-31	0.0010	0.0009	0.0009	0.0008	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	2.4965	2.2232	2.2335	2.2838	2.5929	2.2864	2.4369	3.3031
Sm-140	1.4623	1.3680	1.3433	1.4452	1.5520	1.3039	1.4465	1.7149
Sm-141	2.1769	1.9466	1.9669	2.0030	2.2636	2.0017	2.1353	3.0180
Sm-141m	4.3350	3.9026	3.9613	3.9754	4.5707	4.0597	4.2858	6.1443
Sm-142	0.6355	0.6175	0.5863	0.7008	0.6810	0.5256	0.6727	0.5249
Sm-143	0.4304	0.4128	0.3968	0.4616	0.4617	0.3661	0.4546	0.4078
Sm-143m	1.4194	1.2834	1.3206	1.2665	1.4796	1.4183	1.5610	2.4970
Sm-145	1.3117	1.2771	1.2006	1.4246	1.3946	1.1065	1.3907	1.0626
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	0.0012	0.0011	0.0015	0.0017	0.0011	0.0008	0.0010	0.0013
Sm-153	0.9943	1.0030	0.9418	1.0389	1.0435	0.8472	0.9479	1.0258
Sm-155	1.2143	1.2668	1.1902	1.2539	1.2638	1.0317	1.0680	1.5130
Sm-156	1.1853	1.1178	1.1075	1.1579	1.2140	1.0322	1.0641	1.3154
Sm-157	2.0830	1.8888	1.8876	1.9020	2.2021	1.8874	1.8578	2.5305
Sn-106	3.5833	3.2391	3.2738	3.4144	3.6979	3.3292	3.4068	4.6010
Sn-108	3.5442	3.2077	3.2242	3.4187	3.6281	3.1960	3.2143	4.1765
Sn-109	3.0711	2.6923	2.8111	2.8837	3.2544	2.9892	3.0677	4.8161
Sn-110	2.2336	1.9855	1.9904	2.1978	2.2825	1.9802	1.9673	2.2763
Sn-111	0.6214	0.5592	0.5773	0.6951	0.6378	0.5687	0.5739	0.6427
Sn-113	0.6360	0.5815	0.5938	0.7700	0.6404	0.5582	0.5557	0.4437
Sn-113m	0.4221	0.3935	0.3967	0.5129	0.4313	0.3812	0.3895	0.3093
Sn-117m	1.9127	1.7662	1.7735	1.8900	1.9753	1.6760	1.4908	1.8595
Sn-119m	0.5076	0.4670	0.4877	0.6267	0.5100	0.4454	0.4509	0.3743

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.1605	0.1495	0.1581	0.1981	0.1619	0.1349	0.1609	0.1300
Sn-123	0.0092	0.0081	0.0086	0.0078	0.0099	0.0095	0.0100	0.0167
Sn-123m	1.4117	1.2974	1.3038	1.2940	1.4622	1.2215	1.0484	1.4878
Sn-125m	1.6857	1.4564	1.4544	1.5012	1.7336	1.4702	1.4891	2.0285
Sn-125	0.4867	0.4283	0.4496	0.4192	0.5168	0.4922	0.5193	0.8585
Sn-126	0.9269	0.9304	0.8627	0.9884	0.9241	0.8363	0.9455	0.9334
Sn-127m	1.5694	1.3852	1.4074	1.4264	1.5951	1.4684	1.6551	2.2823
Sn-127	3.1025	2.7483	2.8492	2.7294	3.2775	3.0656	3.2238	5.1534
Sn-128	3.2270	2.9804	2.9320	3.2771	3.2982	2.9790	3.3650	3.6775
Sn-129	1.9503	1.7366	1.7776	1.7450	2.0419	1.9239	2.1572	3.3479
Sn-130	3.7396	3.4141	3.3982	3.4608	3.8785	3.5390	3.6636	4.9316
Sn-130m	2.2028	2.0302	2.0337	2.0717	2.3050	2.1180	2.2265	3.1695
Sr-79	1.3679	1.3813	1.3390	1.4999	1.4961	1.2304	1.2812	1.5724
Sr-80	1.3603	1.3686	1.4037	1.6035	1.5192	1.3107	1.4320	1.8459
Sr-81	2.2295	2.0813	2.0932	2.1022	2.3456	2.0338	1.9531	2.8210
Sr-82	0.3036	0.4380	0.4654	0.6805	0.4414	0.3236	0.3530	0.3008
Sr-83	1.5841	1.6395	1.7042	1.9609	1.8180	1.5742	1.6807	2.3067
Sr-85	1.8390	1.8006	1.8466	2.0887	1.9970	1.7632	2.0142	2.5286
Sr-85m	1.6540	1.5218	1.5299	1.5625	1.7391	1.5010	1.4307	1.8707
Sr-87m	1.4036	1.2690	1.2815	1.3238	1.4485	1.2612	1.2788	1.7814
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	1.2188	1.0843	1.1302	1.0606	1.2859	1.2345	1.3426	2.1466
Sr-92	1.4437	1.2552	1.3112	1.2709	1.5767	1.4510	1.4556	2.6870
Sr-93	3.9949	3.5613	3.6748	3.6214	4.2081	3.9040	4.1813	6.5851
Sr-94	1.4387	1.2452	1.3086	1.2766	1.5774	1.4514	1.4557	2.7503
Ta-170	1.5039	1.4066	1.4609	1.4761	1.5131	1.3617	1.4572	1.9280
Ta-172	3.5716	3.2391	3.3497	3.3337	3.6796	3.3495	3.4940	4.9283
Ta-173	2.4418	2.2599	2.3483	2.3989	2.4171	2.2198	2.3636	2.7507
Ta-174	2.7049	2.4720	2.5546	2.5884	2.7525	2.4627	2.5512	3.2834
Ta-175	3.5899	3.2889	3.3507	3.3782	3.6506	3.3506	3.4837	4.4760
Ta-176	3.5643	3.1890	3.3431	3.3313	3.6957	3.4214	3.6026	5.4061
Ta-177	1.0496	0.9966	1.0170	1.0546	1.0190	0.9516	1.0286	0.9932
Ta-178	1.0931	1.0303	1.0619	1.1038	1.0575	0.9888	1.0840	1.0756
Ta-178m	7.5694	6.9105	6.8879	7.0673	7.6546	6.7493	7.0372	8.8023
Ta-179	0.5410	0.5016	0.5503	0.5793	0.5096	0.4663	0.5276	0.5102
Ta-180	0.8790	0.8319	0.8572	0.8944	0.8444	0.7899	0.8694	0.8218
Ta-182	3.0672	2.8341	2.8637	2.8508	3.1523	2.9424	3.0775	4.3308
Ta-182m	3.2240	2.9779	3.1408	3.2135	3.2041	2.7772	2.7719	3.3784
Ta-183	3.0432	2.8226	2.9296	3.0387	3.0041	2.6589	2.7814	3.2663
Ta-184	5.7401	5.1846	5.3261	5.3059	5.8515	5.2787	5.5067	7.7255
Ta-185	1.6932	1.5597	1.6471	1.6928	1.6751	1.4672	1.4909	1.8153

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ta-186	5.3851	4.8805	4.9471	4.9417	5.5691	5.0001	5.2255	7.3859
Tb-146	3.0040	2.6062	2.7515	2.6944	3.2742	2.9954	3.0495	5.4223
Tb-147m	1.8978	1.6776	1.7368	1.7538	2.0645	1.8389	1.8999	3.1398
Tb-147	3.5672	3.2493	3.3056	3.2565	3.8015	3.4420	3.6261	5.5074
Tb-148m	6.8926	6.2051	6.3423	6.1857	7.1631	6.6588	7.2179	10.8977
Tb-148	2.8801	2.5722	2.6626	2.5916	3.0301	2.8349	3.0691	4.8566
Tb-149m	2.8103	2.5640	2.6168	2.5731	2.9368	2.7269	2.9920	4.4383
Tb-149	3.3508	3.0139	3.0614	3.0674	3.5072	3.1059	3.2449	4.6404
Tb-150m	7.0412	6.3218	6.3956	6.4268	7.2659	6.6573	7.4606	10.5156
Tb-150	3.2778	2.9167	2.9967	3.0111	3.4658	3.1635	3.4957	5.2901
Tb-151	4.3819	4.0227	4.0090	4.1249	4.5467	3.9635	4.2375	5.4537
Tb-151m	0.7300	0.6498	0.7757	0.8211	0.6993	0.5726	0.6740	0.8200
Tb-152m	3.9639	3.5719	3.5918	3.6890	4.0800	3.5349	3.7100	4.6225
Tb-152	3.0448	2.7037	2.7397	2.7893	3.1904	2.7981	2.9520	4.1491
Tb-153	2.4167	2.2665	2.2472	2.3585	2.5247	2.1300	2.2761	2.6595
Tb-154	3.2550	2.9568	3.0249	3.0403	3.4829	3.1062	3.2688	4.9730
Tb-155	2.2312	2.1766	2.0929	2.2381	2.3153	1.9317	2.0955	2.3119
Tb-156	5.0902	4.6033	4.6578	4.7163	5.3405	4.7387	5.0830	7.0705
Tb-156m	0.5808	0.5447	0.5287	0.5129	0.6143	0.5376	0.5640	0.4840
Tb-156n	0.1794	0.1605	0.2091	0.2292	0.1630	0.1237	0.1621	0.1961
Tb-157	0.1933	0.1744	0.2163	0.2396	0.1823	0.1383	0.1777	0.1968
Tb-158	2.3266	2.1464	2.1914	2.1937	2.4372	2.1902	2.4085	3.1876
Tb-160	2.4636	2.2099	2.2737	2.2035	2.5834	2.3732	2.5066	3.7637
Tb-161	0.7751	0.7282	0.7565	0.8428	0.7744	0.6710	0.7516	0.6917
Tb-162	3.3796	3.0478	3.1062	3.0258	3.5014	3.2214	3.3306	4.8125
Tb-163	3.1170	2.7583	2.7795	2.8095	3.1769	2.8286	3.0103	4.1184
Tb-164	5.5376	4.9595	5.0821	4.9972	5.7816	5.2900	5.5921	8.4900
Tb-165	1.2202	1.0704	1.1314	1.1079	1.2938	1.1800	1.2290	2.0515
Tc-101	1.7527	1.5260	1.5214	1.5720	1.8049	1.5378	1.5599	2.0875
Tc-102m	3.8250	3.3492	3.4638	3.4153	4.0041	3.7151	4.0217	6.3386
Tc-102	0.1833	0.1620	0.1656	0.1643	0.1884	0.1745	0.1924	0.2807
Tc-104	3.7003	3.2204	3.3151	3.2890	3.8749	3.4903	3.6117	5.7117
Tc-105	2.7072	2.4715	2.4852	2.5490	2.7961	2.4468	2.4741	3.5147
Tc-91	1.2863	1.1031	1.1784	1.1688	1.4012	1.2828	1.3009	2.3865
Tc-91m	1.0518	0.9294	0.9504	0.9695	1.0770	0.9924	1.1169	1.5725
Tc-92	5.8679	5.2651	5.3659	5.3902	6.1856	5.5133	5.5096	8.7818
Tc-93	1.9573	1.7495	1.8574	2.1217	2.1105	1.8103	1.8404	2.9489
Tc-93m	1.5856	1.3996	1.4581	1.5603	1.6454	1.4253	1.4546	2.1352
Tc-94	5.2528	4.7482	4.9625	4.9976	5.4844	5.1488	5.6140	8.6618
Tc-94m	1.8862	1.6868	1.7840	1.7670	1.9919	1.8728	1.9921	3.2193
Tc-95	2.1347	1.9651	2.0659	2.3171	2.2120	1.9702	2.1486	3.0248
Tc-95m	2.7893	2.5416	2.6315	2.9169	2.9088	2.4981	2.6072	3.4430
Tc-96	5.1471	4.6662	4.8861	4.9303	5.3702	5.0381	5.4227	8.5088

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Tc-96m	0.4012	0.3662	0.4065	0.5548	0.3953	0.2981	0.3268	0.2846
Tc-97	0.5999	0.5812	0.6306	0.9478	0.6117	0.4270	0.4701	0.2803
Tc-97m	0.4733	0.4343	0.4860	0.7013	0.4600	0.3270	0.3596	0.2293
Tc-98	3.0573	2.7469	2.8140	2.7327	3.1770	3.0390	3.4292	5.3569
Tc-99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Tc-99m	1.3538	1.3443	1.3102	1.3303	1.4288	1.1862	1.0265	1.4504
Te-113	1.6073	1.4097	1.4779	1.4239	1.7178	1.6152	1.6921	2.8720
Te-114	2.6948	2.4457	2.4827	2.6671	2.8099	2.5375	2.7215	3.6308
Te-115	2.5043	2.2193	2.2884	2.2742	2.6635	2.4609	2.5868	4.1258
Te-115m	2.8322	2.5007	2.6053	2.5717	3.0098	2.8175	2.9850	4.8834
Te-116	1.4524	1.4119	1.3719	1.6491	1.4915	1.2879	1.4489	1.4010
Te-117	2.1282	1.9008	1.9692	2.0247	2.2417	2.0900	2.2709	3.4153
Te-118	0.5830	0.5477	0.5489	0.7081	0.6005	0.5166	0.5885	0.4360
Te-119	2.1346	1.9346	1.9622	2.1077	2.2160	2.0438	2.3390	3.0996
Te-119m	3.6803	3.3344	3.3919	3.4493	3.8799	3.4616	3.4460	4.9959
Te-121	2.1691	1.9593	1.9781	2.1570	2.2205	2.0266	2.3387	2.8633
Te-121m	1.8113	1.6401	1.6591	1.7672	1.8980	1.6172	1.6423	1.9588
Te-123	0.0359	0.0306	0.0460	0.0509	0.0302	0.0215	0.0308	0.0421
Te-123m	1.7066	1.5759	1.5945	1.6674	1.7601	1.4638	1.3779	1.7132
Te-125m	0.9972	0.9416	0.9521	1.2134	1.0267	0.8476	1.0927	0.7782
Te-127	0.0209	0.0186	0.0188	0.0189	0.0214	0.0189	0.0197	0.0269
Te-127m	0.3251	0.3049	0.3162	0.3986	0.3305	0.2731	0.3506	0.2607
Te-129	0.3534	0.3194	0.3372	0.3771	0.3553	0.3079	0.3600	0.4032
Te-129m	0.2973	0.2767	0.2849	0.3435	0.3046	0.2602	0.3232	0.2969
Te-131	1.8628	1.7274	1.7310	1.7247	1.9377	1.6845	1.6422	2.3227
Te-131m	3.2278	2.9196	2.9841	2.9256	3.3772	3.1276	3.3298	5.1099
Te-132	2.1906	2.0088	2.0063	2.1529	2.2821	1.9473	2.0904	2.2712
Te-133	2.6603	2.3209	2.3677	2.3550	2.7739	2.4787	2.5627	3.8947
Te-133m	3.7203	3.3180	3.4231	3.3329	3.8974	3.6252	3.8854	5.9483
Te-134	3.3176	3.0143	3.0071	3.0487	3.4286	3.0981	3.3321	4.4966
Th-223	1.1269	1.1933	1.1850	1.3733	1.1796	0.9705	1.0686	1.2731
Th-224	0.2165	0.2045	0.2086	0.2218	0.2273	0.1882	0.1799	0.2397
Th-226	0.1501	0.1585	0.1677	0.2046	0.1609	0.1250	0.1347	0.1572
Th-227	1.4354	1.4151	1.5027	1.7685	1.5179	1.2299	1.3207	1.4988
Th-228	0.1140	0.1225	0.1381	0.1832	0.1239	0.0921	0.1073	0.1046
Th-229	1.7531	1.8449	1.9378	2.3440	1.8517	1.4720	1.6613	1.8735
Th-230	1.0207	1.0407	1.0422	1.0294	1.0642	1.0876	1.0484	1.0208
Th-231	0.9540	1.0021	1.1185	1.4876	1.0192	0.7732	0.8891	0.8280
Th-232	1.1056	0.9931	1.1068	1.1443	1.2070	1.2148	1.2530	1.2120
Th-233	0.3355	0.3258	0.3635	0.4240	0.3381	0.2725	0.3202	0.3824
Th-234	0.2158	0.2272	0.2320	0.2859	0.2241	0.1871	0.2086	0.2087
Th-235	0.1607	0.1475	0.1500	0.1514	0.1658	0.1510	0.1643	0.2422
Th-236	0.2634	0.2654	0.2714	0.3084	0.2773	0.2269	0.2413	0.3148

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ti-44	1.8172	1.8743	1.5365	1.6516	1.7657	1.8442	2.1152	1.7682
Ti-45	0.0168	0.0145	0.0199	0.0214	0.0151	0.0119	0.0153	0.0229
Ti-51	1.7051	1.4681	1.4681	1.5112	1.7585	1.4930	1.5196	2.0794
Ti-52	1.5804	1.6685	1.6132	1.7310	1.6898	1.3824	1.2688	1.7053
Tl-190	2.2473	2.0483	2.0569	2.0799	2.2819	2.0979	2.2661	3.0842
Tl-190m	5.8571	5.2981	5.3525	5.3577	6.0061	5.5727	6.1163	8.7134
Tl-194	2.3136	2.1441	2.1366	2.1975	2.3301	2.1617	2.3909	3.0612
Tl-194m	7.4445	6.8254	6.8990	6.9836	7.6050	7.0467	7.7923	10.8963
Tl-195	2.9345	2.7397	2.8378	2.9635	2.9881	2.7617	3.0649	4.1120
Tl-196	3.7143	3.3788	3.4208	3.4819	3.8105	3.5288	3.7960	5.4110
Tl-197	2.1491	2.0717	2.0405	2.1588	2.1500	2.0123	2.2332	2.6141
Tl-198	4.0369	3.6758	3.7246	3.7785	4.1531	3.8478	4.1112	5.9310
Tl-198m	4.8774	4.4929	4.5470	4.7067	4.9461	4.5261	5.0473	6.6010
Tl-199	2.0689	1.9976	1.9658	2.0960	2.0593	1.9082	2.1057	2.3074
Tl-200	3.7797	3.4647	3.4726	3.5468	3.8666	3.5497	3.8048	5.2048
Tl-201	1.4814	1.4829	1.4689	1.6123	1.4496	1.3495	1.5381	1.5350
Tl-202	2.4883	2.3350	2.3119	2.4201	2.4773	2.2940	2.5469	3.0407
Tl-204	0.0228	0.0230	0.0230	0.0256	0.0220	0.0207	0.0245	0.0235
Tl-206m	7.8089	7.0232	7.1219	7.0786	8.0693	7.3695	7.8008	10.9147
Tl-206	0.0011	0.0011	0.0011	0.0012	0.0011	0.0010	0.0012	0.0012
Tl-207	0.0040	0.0036	0.0037	0.0034	0.0042	0.0041	0.0044	0.0071
Tl-208	3.3984	2.9576	3.0821	3.0568	3.6228	3.3480	3.6317	5.8734
Tl-209	4.3150	4.0253	4.0289	4.0941	4.5571	4.0573	4.1439	6.4806
Tl-210	4.8406	4.3131	4.4735	4.4099	5.0972	4.6727	4.8711	7.7978
Tm-161	4.1784	3.8574	3.9272	3.9705	4.3281	3.7932	3.9576	4.8901
Tm-162	2.4991	2.2571	2.3517	2.3152	2.6259	2.3749	2.5013	3.8230
Tm-163	3.7421	3.4260	3.4837	3.4884	3.8851	3.4783	3.6659	4.8561
Tm-164	0.9542	0.8752	0.9089	0.9125	0.9851	0.8747	0.9404	1.2004
Tm-165	3.0929	2.8067	2.8527	2.8714	3.1718	2.8063	2.9487	3.5500
Tm-166	3.8198	3.4280	3.5652	3.5100	3.9801	3.6343	3.8584	5.7084
Tm-167	1.7380	1.5859	1.6564	1.6801	1.7763	1.5234	1.5926	1.7650
Tm-168	4.4963	4.0837	4.2005	4.1374	4.6474	4.1969	4.4357	6.1858
Tm-170	0.0793	0.0757	0.0810	0.0858	0.0756	0.0664	0.0785	0.0833
Tm-171	0.0118	0.0110	0.0115	0.0119	0.0114	0.0104	0.0115	0.0107
Tm-172	0.7648	0.6820	0.7274	0.7272	0.7973	0.7245	0.7651	1.1997
Tm-173	1.6458	1.4663	1.4828	1.4726	1.6671	1.4855	1.5185	2.1224
Tm-174	6.3644	5.6652	5.8007	5.7185	6.5622	5.8497	5.9474	8.3045
Tm-175	2.6921	2.3935	2.4621	2.4221	2.7679	2.5741	2.8353	4.0675
Tm-176	4.2847	3.8120	3.9372	3.8733	4.4697	4.0160	4.1248	6.1214
U-227	1.2947	1.2987	1.3130	1.4936	1.3565	1.1199	1.1797	1.4396
U-228	0.1399	0.1475	0.1615	0.2127	0.1502	0.1123	0.1269	0.1270
U-230	0.1339	0.1429	0.1625	0.2234	0.1457	0.1057	0.1223	0.1087
U-231	1.9990	2.1371	2.2510	2.8407	2.1336	1.6549	1.8531	2.0206



Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
U-232	0.1210	0.1302	0.1501	0.2085	0.1326	0.0945	0.1102	0.0969
U-233	0.0629	0.0676	0.0788	0.1076	0.0688	0.0492	0.0579	0.0534
U-234	0.8471	0.8707	0.8636	0.8510	0.8849	0.9131	0.8786	0.8313
U-235	1.4614	1.4193	1.4661	1.4772	1.5183	1.5328	1.5327	1.5109
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	0.0988	0.1066	0.1233	0.1717	0.1086	0.0770	0.0901	0.0793
U-237	2.1148	2.1287	2.1715	2.5228	2.1910	1.8031	1.8971	2.1810
U-238	1.0430	0.9767	1.0507	1.0705	1.1203	1.1291	1.1267	1.1267
U-239	0.6602	0.6834	0.6059	0.7054	0.6643	0.6322	0.7300	0.6290
U-240	0.3630	0.3726	0.4275	0.5667	0.3807	0.2776	0.3199	0.3085
U-242	0.2733	0.2620	0.2472	0.2657	0.2766	0.2607	0.2783	0.2951
V-47	0.0126	0.0108	0.0127	0.0130	0.0127	0.0109	0.0114	0.0194
V-48	3.0417	2.6675	2.8268	2.6349	3.2731	3.0991	3.2401	5.5583
V-49	0.0993	0.0846	0.1284	0.1415	0.0830	0.0586	0.0849	0.1180
V-50	1.4592	1.2551	1.3667	1.3573	1.5799	1.4373	1.4483	2.7597
V-52	1.3802	1.1896	1.2537	1.2254	1.5221	1.3941	1.3803	2.6627
V-53	1.4944	1.3150	1.3949	1.2647	1.6004	1.5451	1.6438	2.6550
W-177	4.7686	4.4826	4.5600	4.6378	4.7898	4.3504	4.5771	5.7287
W-178	0.4184	0.3833	0.4510	0.4838	0.3830	0.3379	0.4004	0.4187
W-179	1.1926	1.1140	1.2067	1.3071	1.1287	1.0215	1.2167	1.1142
W-179m	0.8397	0.7856	0.8157	0.8572	0.8037	0.7559	0.8227	0.8151
W-181	0.7818	0.7344	0.7702	0.8111	0.7388	0.7010	0.7802	0.7207
W-185m	0.7813	0.7064	0.9052	0.9807	0.7082	0.5666	0.6906	0.8711
W-185	0.0008	0.0008	0.0007	0.0008	0.0008	0.0007	0.0007	0.0008
W-187	1.5904	1.4701	1.4630	1.4797	1.6061	1.5214	1.6854	2.2108
W-188	0.0148	0.0133	0.0136	0.0140	0.0148	0.0131	0.0135	0.0162
W-190	2.0971	1.9747	1.9965	2.0632	2.0393	1.8895	1.9167	2.0459
Xe-120	2.3580	2.1977	2.1885	2.4684	2.4301	2.1254	2.4653	2.6032
Xe-121	1.9921	1.8129	1.8389	1.9300	2.0948	1.8436	2.0000	2.6931
Xe-122	0.8766	0.8186	0.8246	0.9899	0.9027	0.7407	0.9502	0.7963
Xe-123	2.0029	1.8612	1.8751	2.0020	2.0931	1.7660	1.8590	2.2479
Xe-125	2.4021	2.2047	2.2162	2.4223	2.4990	2.1125	2.3245	2.4823
Xe-127	2.5759	2.3487	2.3668	2.5383	2.6945	2.2527	2.3777	2.7366
Xe-127m	1.9742	1.9640	1.9139	2.0223	2.0899	1.7232	1.7428	2.0949
Xe-129m	1.1654	1.1063	1.1186	1.3899	1.2079	0.9467	1.3855	0.9723
Xe-131m	0.4906	0.4643	0.4775	0.5914	0.5037	0.3940	0.5810	0.4121
Xe-133	0.7809	0.7872	0.7144	0.8399	0.7921	0.6872	0.9615	0.7501
Xe-133m	0.6268	0.5868	0.5972	0.7127	0.6465	0.5207	0.7074	0.5666
Xe-135	1.5923	1.4356	1.4288	1.4386	1.6353	1.4587	1.4496	1.8126
Xe-135m	1.3815	1.2313	1.2482	1.2928	1.4025	1.2850	1.5181	1.9668
Xe-137	0.5555	0.4912	0.4987	0.4996	0.5654	0.5145	0.5588	0.7872
Xe-138	1.9427	1.7004	1.7758	1.7711	2.0140	1.8067	1.8351	2.8540
Y-81	1.6381	1.7366	1.6558	1.8537	1.7740	1.4964	1.5008	1.8282

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Y-83	1.1060	1.1030	1.1295	1.3347	1.2347	1.0466	1.1797	1.4576
Y-83m	1.4751	1.3642	1.3707	1.4799	1.5396	1.3401	1.3658	1.6991
Y-84m	4.8298	4.3021	4.5061	4.2290	5.1176	4.9118	5.2683	8.6349
Y-85	1.2589	1.1671	1.1940	1.2911	1.3175	1.1878	1.3481	1.7659
Y-85m	1.2651	1.1785	1.2231	1.3152	1.3789	1.2239	1.2703	1.9080
Y-86	4.9761	4.4848	4.6758	4.6739	5.3318	4.9455	5.2883	8.4450
Y-86m	1.5972	1.4370	1.4520	1.4645	1.6937	1.4372	1.3614	1.8616
Y-87	1.8453	1.7897	1.8311	2.1247	1.9800	1.7117	1.9230	2.3401
Y-87m	1.3742	1.2402	1.2504	1.3160	1.4195	1.2232	1.2420	1.6964
Y-88	3.1293	2.8644	3.0534	3.1915	3.4389	3.1424	3.2552	5.4798
Y-89m	1.4756	1.3150	1.3859	1.2687	1.5606	1.5185	1.6277	2.6584
Y-90	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000
Y-90m	3.0940	2.7673	2.7967	2.8408	3.2201	2.8177	2.8962	3.9292
Y-91	0.0037	0.0032	0.0033	0.0031	0.0040	0.0037	0.0038	0.0068
Y-91m	1.5181	1.3559	1.3745	1.4044	1.5532	1.4415	1.6701	2.3068
Y-92	0.3935	0.3476	0.3637	0.3427	0.4163	0.3962	0.4228	0.6882
Y-93	0.2068	0.1822	0.1860	0.1838	0.2160	0.1958	0.1973	0.2939
Y-94	1.1557	1.0222	1.0750	0.9975	1.2245	1.1771	1.2565	2.0618
Y-95	0.8321	0.7102	0.7620	0.7238	0.9042	0.8450	0.8668	1.5993
Yb-162	2.2973	2.1770	2.2076	2.2138	2.3570	2.0279	2.0221	2.4935
Yb-163	1.6522	1.5033	1.5953	1.5930	1.6764	1.5109	1.6212	2.0788
Yb-164	0.8086	0.7497	0.7792	0.7846	0.8121	0.7195	0.7825	0.7402
Yb-165	2.2783	2.1352	2.2367	2.2995	2.2480	2.0051	2.2626	2.3878
Yb-166	1.5010	1.4132	1.4393	1.4580	1.5019	1.3433	1.4768	1.3743
Yb-167	3.6171	3.4915	3.5694	3.6314	3.6667	3.1383	3.2596	3.7883
Yb-169	4.1141	3.8559	3.8810	3.9263	4.1719	3.6985	3.7906	4.0856
Yb-175	0.2278	0.2089	0.2087	0.2103	0.2316	0.2041	0.2061	0.2698
Yb-177	0.7251	0.6798	0.6850	0.6698	0.7547	0.6697	0.6424	0.9049
Yb-178	0.1817	0.1604	0.1635	0.1656	0.1842	0.1601	0.1642	0.2256
Yb-179	2.9219	2.6145	2.6483	2.6579	2.9969	2.7659	3.1084	4.3775
Zn-60	1.6657	1.5032	1.5001	1.5008	1.7026	1.6097	1.7687	2.4339
Zn-61	0.6664	0.5783	0.6054	0.5973	0.7023	0.6467	0.6827	1.1258
Zn-62	1.5945	1.4249	1.5700	1.6613	1.5792	1.3638	1.6254	2.1243
Zn-63	0.2765	0.2447	0.2643	0.2562	0.2859	0.2681	0.3002	0.4730
Zn-65	1.0654	0.9273	1.1082	1.0995	1.0679	0.9481	1.0722	1.7291
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zn-69m	1.5482	1.3717	1.3947	1.3980	1.5649	1.4083	1.5068	2.0995
Zn-71	0.8254	0.7380	0.7510	0.7451	0.8470	0.7852	0.8707	1.2434
Zn-71m	4.7523	4.2293	4.2801	4.2771	4.8643	4.4429	4.8641	6.9339
Zn-72	1.9864	1.8896	2.0482	2.1404	1.9991	1.6142	1.5728	2.1920
Zr-85	1.4381	1.2832	1.3066	1.3245	1.4817	1.3372	1.4174	2.0484
Zr-86	2.7165	2.6955	2.7196	3.3549	2.9635	2.4223	2.5137	2.6061
Zr-87	0.1875	0.1903	0.1978	0.2514	0.2141	0.1762	0.1866	0.2407

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Zr-88	2.0596	1.9656	1.9950	2.3122	2.1885	1.8268	1.8788	2.3466
Zr-89	1.8557	1.7582	1.8443	1.9771	2.0197	1.8424	1.9807	2.9043
Zr-89m	1.5209	1.3641	1.3866	1.4232	1.5756	1.4608	1.6819	2.4122
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	1.4823	1.3348	1.3767	1.3128	1.5424	1.4889	1.6428	2.6592
Zr-97	1.7686	1.5876	1.6366	1.5759	1.8423	1.7606	1.9303	3.0888

Table 8: Composite 1 - 5 cm Contamination Thickness for 100x100x10 ft and 200x200x20 ft rooms

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Ac-223	0.2477	0.2066	0.2932	0.2628	0.2007	0.1717	0.4161	0.3221
Ac-224	2.7644	2.0617	3.7834	3.1758	2.5254	1.9042	6.0154	3.3539
Ac-225	0.3296	0.2785	0.3819	0.3322	0.2601	0.2296	0.5270	0.3817
Ac-226	1.3371	1.0056	1.6633	1.4049	1.2260	0.9430	2.8381	1.5041
Ac-227	0.0597	0.0556	0.0540	0.0461	0.0379	0.0409	0.0521	0.0762
Ac-228	2.2870	1.8818	2.6245	2.9579	2.1344	1.5480	5.8783	4.5009
Ac-230	0.9972	0.8133	1.0882	1.2037	0.9233	0.6776	2.5451	1.8154
Ac-231	3.1644	2.6019	4.2354	3.9514	2.9753	2.1645	7.2811	4.2430
Ac-232	1.6150	1.3429	1.7377	1.9549	1.5094	1.1446	4.4889	2.7733
Ac-233	1.6675	1.3791	1.8883	1.9320	1.5812	1.1448	3.7847	2.6366
Ag-100m	3.0341	2.4581	3.3329	3.9917	2.9396	2.1715	8.5855	5.5198
Ag-101	2.4938	1.9504	2.7430	2.9828	2.3799	1.8544	5.5792	3.6460
Ag-102m	1.8835	1.5492	2.0328	2.2695	1.8158	1.3389	5.2344	3.0735
Ag-102	4.5921	3.7189	5.0252	5.9034	4.4330	3.2289	12.2312	8.3462
Ag-103	2.5195	1.9114	2.7689	2.7697	2.3122	1.6753	5.9170	3.4965
Ag-104	5.5902	4.4799	6.1074	7.4727	5.3519	3.9086	14.8307	11.1745
Ag-104m	2.3054	1.8888	2.4864	2.7004	2.1839	1.6307	5.5605	3.5727
Ag-105	2.8493	2.4475	3.2063	3.4382	2.6302	2.0215	5.8426	4.0341
Ag-105m	0.0236	0.0214	0.0228	0.0214	0.0156	0.0153	0.0279	0.0367
Ag-106	0.5437	0.4443	0.5190	0.5608	0.4786	0.3901	0.8616	0.6924
Ag-106m	6.8912	5.4425	7.6237	8.8360	6.5950	4.7117	17.7143	13.2759
Ag-108	0.0587	0.0474	0.0600	0.0652	0.0534	0.0428	0.1233	0.0780
Ag-108m	5.2287	4.1186	5.8159	6.5779	4.9421	3.6549	13.2163	9.1645
Ag-109m	0.3331	0.2577	0.2690	0.3085	0.2699	0.2593	0.2885	0.2875
Ag-110	0.0796	0.0652	0.0882	0.0995	0.0758	0.0585	0.2073	0.1234
Ag-110m	5.3436	4.2572	5.9523	7.4374	5.2064	3.7489	15.4663	11.2718
Ag-111	0.1437	0.1283	0.1857	0.1957	0.1387	0.0951	0.3630	0.2348
Ag-111m	0.1875	0.1493	0.1445	0.1621	0.1496	0.1448	0.1578	0.1699
Ag-112	1.2316	1.0046	1.3523	1.5080	1.1864	0.8869	3.2883	1.9271
Ag-113m	1.0220	0.9024	1.2573	1.3481	0.9710	0.6804	2.5531	1.6641
Ag-113	0.3156	0.2876	0.3931	0.4228	0.3044	0.2215	0.7472	0.4668
Ag-114	0.5190	0.4245	0.5798	0.6281	0.5004	0.3637	1.3385	0.8466
Ag-115	1.0948	0.8543	1.3309	1.2901	1.0655	0.7667	2.8454	1.7137
Ag-116	2.9906	2.4343	3.3224	3.7043	2.9110	2.0713	8.2336	5.3121
Ag-117	2.1065	1.7124	2.4459	2.5570	2.0273	1.3761	6.3428	3.4731
Ag-99	3.1246	2.4573	3.5155	4.0289	3.0294	2.2799	7.8519	5.3601
Al-26	1.5570	1.2852	1.6561	1.9275	1.5351	1.1105	4.9667	2.5778
Al-28	1.5201	1.2571	1.5989	1.8751	1.4984	1.0877	4.6677	2.4494
Al-29	1.6460	1.2298	1.7889	2.2629	1.6317	1.0514	5.0791	3.7639
Am-237	3.1791	2.5221	4.1888	3.9146	2.8410	2.0769	7.3232	4.1763
Am-238	3.1470	2.4598	3.9212	4.0189	2.8546	2.0307	8.0857	5.3400
Am-239	3.4193	2.6488	4.6788	4.0837	2.9502	2.1687	7.6867	4.1351

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Am-240	3.3748	2.6493	4.0139	4.2618	3.0453	2.1919	8.6240	6.3357
Am-241	1.0468	1.0704	1.0362	1.0113	1.0394	1.0777	1.0005	0.9458
Am-242	0.4585	0.3821	0.5294	0.4708	0.3594	0.3052	0.7434	0.5069
Am-242m	0.2706	0.2490	0.2322	0.2098	0.1888	0.1976	0.2048	0.2747
Am-243	0.9190	0.7129	1.0800	1.0844	0.8768	0.8707	0.9546	0.8077
Am-244	2.9786	2.4445	3.1914	3.6399	2.6261	2.0657	6.8546	5.2531
Am-244m	0.1671	0.1468	0.1539	0.1490	0.1269	0.1192	0.2010	0.2015
Am-245	0.3882	0.2945	0.4829	0.4290	0.3415	0.2612	0.8270	0.4445
Am-246	4.0676	3.3251	4.5870	4.3909	3.5644	2.8057	8.5528	5.7672
Am-246m	2.0238	1.5942	2.1959	2.7062	1.9165	1.3654	5.5699	4.5438
Am-247	1.4410	1.1473	1.8806	1.6903	1.2865	0.9354	3.3010	1.7710
Ar-37	0.0219	0.0196	0.0199	0.0170	0.0124	0.0138	0.0198	0.0356
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	1.6222	1.2077	1.7488	2.2394	1.6076	1.0329	4.8214	3.7112
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	1.9685	1.5486	2.1474	2.6390	1.9400	1.3388	5.9830	4.2663
Ar-44	2.8787	2.2564	3.4668	3.3434	2.8196	1.9216	8.3546	4.6190
As-68	3.8697	3.0618	4.2140	5.1567	3.7970	2.6685	11.5410	8.1862
As-69	0.5572	0.4213	0.6673	0.6464	0.5257	0.3883	1.3597	0.8387
As-70	5.0676	3.9819	5.5268	6.6922	4.9615	3.4562	14.9810	10.7864
As-71	1.9868	1.5392	2.4581	2.0049	1.7912	1.2322	4.9319	2.8568
As-72	1.6425	1.3062	1.8725	2.5165	1.5944	1.1359	5.1279	4.1249
As-73	0.8738	0.7805	0.8130	0.6974	0.5347	0.5695	0.8160	1.3409
As-74	1.4232	1.1837	1.5567	1.6181	1.3051	1.0219	3.2997	2.0299
As-76	1.0441	0.8520	1.1701	1.2581	1.0035	0.7310	2.6098	1.6901
As-77	0.0509	0.0376	0.0611	0.0553	0.0490	0.0386	0.1029	0.0589
As-78	2.2997	1.8498	2.5503	2.9653	2.2293	1.6163	6.4010	4.1471
As-79	0.1058	0.0830	0.1279	0.1460	0.1031	0.0675	0.3100	0.2330
At-204	6.8493	5.4248	7.9791	8.8012	6.5499	4.8490	17.0289	11.9531
At-205	3.0788	2.4013	3.5985	4.0636	2.9185	2.3388	7.0178	4.9041
At-206	6.9813	5.4030	8.2257	9.1596	6.7171	4.9040	18.0407	12.9756
At-207	4.9690	3.9193	5.7791	6.6555	4.7540	3.6841	12.1287	8.6047
At-208	7.9465	6.2408	9.2654	10.2219	7.6037	5.7698	20.3518	13.5698
At-209	7.0588	5.5100	8.4352	9.6653	6.7585	5.1894	17.3424	13.0004
At-210	6.0728	4.5645	6.7432	7.5690	5.8411	4.4794	13.8131	9.9085
At-211	0.5760	0.4214	0.7005	0.7330	0.5226	0.5031	0.7545	0.5840
At-215	0.0008	0.0006	0.0010	0.0011	0.0008	0.0005	0.0024	0.0018
At-216	0.0319	0.0240	0.0402	0.0400	0.0296	0.0265	0.0516	0.0342
At-217	0.0016	0.0012	0.0019	0.0019	0.0016	0.0013	0.0029	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	2.5444	1.9771	3.0964	2.9936	2.4439	1.8850	5.4949	3.3604
Au-186	3.6410	2.9566	4.7454	4.4030	3.5224	2.5953	8.7781	5.8532

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Au-187	2.6799	2.1990	3.1808	3.1578	2.5329	2.0783	5.6487	4.0682
Au-190	4.3495	3.8387	5.2522	5.4493	4.1970	3.2771	10.2861	6.2406
Au-191	3.4134	2.8074	4.1758	3.9567	3.2225	2.6499	6.7482	4.7064
Au-192	3.9731	3.5836	4.8562	5.0883	3.8302	2.9674	9.4142	5.8924
Au-193	1.8900	1.5748	2.4160	2.0432	1.7725	1.6146	2.8607	2.0614
Au-193m	1.6905	1.3138	1.9145	1.7892	1.5475	1.3662	2.7306	1.7732
Au-194	3.1249	2.8035	3.8784	3.9970	2.9982	2.3488	6.8549	4.6497
Au-195	1.4644	1.2510	1.8781	1.5976	1.3077	1.2754	1.8495	1.5393
Au-195m	1.7014	1.3489	1.9413	1.8325	1.5572	1.3669	2.7815	1.8156
Au-196	2.9548	2.6020	3.8246	3.8519	2.8281	2.1306	6.6542	4.7559
Au-196m	3.1339	2.5216	3.8504	3.1845	2.7995	2.2860	6.0279	3.7419
Au-198	1.7392	1.2263	2.1438	2.2834	1.6892	1.0429	5.2593	3.9355
Au-198m	5.3642	4.1253	7.7675	6.1627	5.0699	3.7677	11.7648	6.8382
Au-199	1.0759	0.8112	1.2795	1.0746	0.9899	0.7235	2.5794	1.2290
Au-200	0.6193	0.4875	0.7407	0.8518	0.6054	0.3899	1.7994	1.3254
Au-200m	7.9483	6.3275	9.5790	9.7980	7.6347	5.5155	19.7299	13.0150
Au-201	0.1657	0.1366	0.1871	0.1852	0.1483	0.1171	0.3430	0.2468
Au-202	0.3973	0.2998	0.4590	0.5254	0.3882	0.2547	1.1415	0.8753
Ba-124	1.7877	1.4356	1.8664	1.9419	1.7208	1.1959	3.6476	2.5151
Ba-126	2.3767	1.8959	2.5181	2.6786	2.3016	1.6686	4.8405	3.4692
Ba-127	0.9312	0.7515	0.9760	0.9532	0.8909	0.6099	1.8128	1.1360
Ba-128	0.8858	0.7622	0.7479	0.8583	0.8462	0.6245	1.0625	0.8557
Ba-129	1.0126	0.8318	0.9935	0.9762	0.9691	0.6804	1.6618	1.1565
Ba-129m	4.8624	3.8117	5.5393	5.7763	4.7079	3.1971	12.0784	8.5322
Ba-131	2.9409	2.3547	3.2170	3.1483	2.8151	1.9231	6.1555	4.1314
Ba-131m	1.2174	0.9229	1.5825	1.4808	1.1278	0.7163	2.8238	1.4565
Ba-133	3.1092	2.6352	3.4178	3.8022	3.0092	2.1614	5.9491	4.3157
Ba-133m	0.8243	0.7210	0.7470	0.8211	0.7695	0.5752	1.0747	0.8568
Ba-135m	0.7209	0.6187	0.6343	0.7096	0.6939	0.5100	0.9149	0.6963
Ba-137m	1.5731	1.2939	1.7339	1.9702	1.5058	1.1509	4.0736	2.4523
Ba-139	0.4332	0.3220	0.5045	0.4188	0.4089	0.2614	1.1679	0.5072
Ba-140	0.9031	0.7496	0.9709	0.9886	0.8294	0.6024	1.8982	1.3233
Ba-141	3.1939	2.6391	4.0339	3.9480	3.1068	2.1452	8.0962	5.1396
Ba-142	2.7154	2.0867	3.0387	3.4534	2.6620	1.8985	6.8606	5.1137
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.1802	0.1428	0.2106	0.2175	0.1738	0.1173	0.4452	0.3297
Bi-197	3.5438	2.7563	4.0634	4.7646	3.3991	2.6257	8.5895	6.6882
Bi-200	7.7863	5.8632	9.1262	9.7945	7.5171	5.4412	19.3449	14.6140
Bi-201	3.5844	2.7858	4.0871	4.7736	3.4509	2.6777	8.7115	6.6221
Bi-202	7.1335	5.5014	8.2449	9.2941	6.8919	5.0366	18.6843	13.8053
Bi-203	4.4989	3.5402	5.1474	6.0705	4.3452	3.3554	11.5046	8.3526
Bi-204	7.0501	5.4905	8.1908	9.5681	6.8358	4.9716	18.9305	14.5689
Bi-205	3.3750	2.6848	3.8131	4.3154	3.2248	2.5663	8.0355	5.5748

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Bi-206	8.1304	6.4664	9.5070	11.1185	7.8591	5.8603	21.0015	15.9033
Bi-207	4.0539	3.2013	4.5715	5.0133	3.8790	2.9969	9.3990	6.8446
Bi-208	2.1469	1.7595	2.3836	2.5250	2.0548	1.6507	6.0856	3.1134
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.6350	1.3882	1.9817	2.0129	1.5680	1.2546	3.2575	1.9309
Bi-211	0.2588	0.2278	0.3365	0.3588	0.2493	0.1712	0.6623	0.4560
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	0.2634	0.2199	0.2815	0.3347	0.2339	0.1837	0.6225	0.4968
Bi-213	0.5373	0.3996	0.6489	0.6868	0.5180	0.3484	1.4226	1.0603
Bi-214	2.1935	1.7578	2.4006	2.7937	2.1353	1.5387	6.1918	3.9609
Bi-215	1.1552	0.9827	1.4148	1.5250	1.1061	0.8603	2.4814	1.6333
Bi-216	2.5522	2.0124	2.9640	3.0948	2.4512	1.7177	6.4300	4.4273
Bk-245	3.0114	2.2706	3.9057	3.4394	2.6399	1.9196	6.9760	3.6476
Bk-246	3.1964	2.5385	3.7779	4.1680	2.8561	2.1044	8.1344	5.9560
Bk-247	1.5329	1.1260	2.0017	1.9301	1.4295	1.1485	3.0917	1.6816
Bk-248m	0.6361	0.5080	0.7681	0.6866	0.5357	0.4086	1.3130	0.7785
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	1.7483	1.3636	1.8226	2.2254	1.6722	1.1683	4.8541	4.1040
Bk-251	1.4816	1.1602	1.7957	1.5070	1.2586	0.9135	3.3427	1.8177
Br-72	3.1409	2.4533	3.5193	4.4499	3.0803	2.1159	9.5136	7.3043
Br-73	1.6172	1.3549	1.9856	2.0454	1.5657	1.1892	3.9550	2.8169
Br-74	3.5090	2.8720	3.9020	4.2541	3.4126	2.5421	9.9390	5.6127
Br-74m	4.4449	3.6151	4.9087	5.6452	4.2970	3.1920	12.4775	7.6130
Br-75	2.3308	2.0092	2.8289	2.9268	2.2092	1.6404	5.3232	3.3137
Br-76	3.2197	2.6435	3.5317	3.9062	3.0674	2.2527	8.6560	5.4523
Br-76m	0.9591	0.8584	0.8888	0.8521	0.7632	0.6913	1.0239	0.9809
Br-77	1.6753	1.3698	1.8943	1.8243	1.4842	1.1855	3.3014	2.3599
Br-77m	0.4648	0.3886	0.5693	0.5076	0.3462	0.2869	0.8841	0.5719
Br-78	0.2646	0.2210	0.2879	0.3009	0.2424	0.1916	0.6190	0.3655
Br-80	0.1647	0.1379	0.1785	0.1885	0.1492	0.1190	0.3828	0.2334
Br-80m	0.8120	0.7483	0.6762	0.6918	0.6082	0.5533	0.7903	0.8278
Br-82m	0.2897	0.2735	0.2627	0.2426	0.1816	0.1940	0.3092	0.3447
Br-82	5.4714	4.3771	6.1703	7.5305	5.3213	3.8176	15.4131	11.2090
Br-83	0.0222	0.0184	0.0252	0.0260	0.0213	0.0153	0.0513	0.0352
Br-84m	5.0232	3.8242	5.6745	6.8961	4.9309	3.2802	14.6943	11.2598
Br-84	1.7567	1.4101	1.9434	2.4533	1.7371	1.2239	5.6781	3.9083
Br-85	0.1180	0.0924	0.1345	0.1783	0.1163	0.0806	0.3727	0.2978
C-10	1.6557	1.3375	1.8953	2.3968	1.6046	1.1879	4.8599	3.4614
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	0.0350	0.0355	0.0304	0.0221	0.0246	0.0353	0.0636
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	1.4375	1.0836	1.5675	1.9911	1.4208	0.9252	4.2276	3.2646

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Ca-49	1.4585	1.2503	1.5564	1.8549	1.4576	1.0955	4.5611	2.5245
Cd-101	3.0921	2.3776	3.6840	4.0302	2.9341	2.0852	8.2483	5.0644
Cd-102	2.7018	2.1115	2.9454	3.1144	2.5125	1.8273	5.9836	4.4065
Cd-103	2.5472	2.0210	2.5600	3.0093	2.3964	1.8010	6.3347	4.2185
Cd-104	1.8225	1.3769	1.8466	2.1030	1.6378	1.4596	2.7154	2.0434
Cd-105	1.7631	1.4174	1.7724	2.0868	1.6437	1.2524	4.1907	2.8620
Cd-107	0.9656	0.7543	0.7351	0.8588	0.7742	0.7468	0.7839	0.8180
Cd-109	0.8931	0.6991	0.6602	0.7794	0.7136	0.6968	0.6697	0.7410
Cd-111m	2.4418	1.7587	2.6607	2.4439	2.2921	1.8580	4.6441	2.4537
Cd-113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0008	0.0006	0.0008	0.0008	0.0007	0.0007	0.0011	0.0008
Cd-115	0.6877	0.5606	0.7714	0.7911	0.6571	0.4775	1.5206	1.0618
Cd-115m	0.0556	0.0426	0.0612	0.0777	0.0549	0.0366	0.1680	0.1357
Cd-117	2.2599	1.8103	2.5903	2.9697	2.2027	1.5499	5.8475	4.1077
Cd-117m	2.6049	2.0645	2.8945	3.4344	2.5602	1.7715	8.1897	5.4094
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	2.6797	2.2520	3.0851	3.4863	2.6114	1.8308	7.4077	4.6661
Cd-119m	3.0695	2.4002	3.4159	4.0714	3.0146	2.0660	9.5062	6.4460
Ce-130	2.7361	2.2043	2.9585	2.9616	2.6143	1.7619	6.0159	3.7744
Ce-131	3.4716	2.7049	3.8247	4.1139	3.3304	2.2833	8.6715	5.8792
Ce-132	2.6224	2.0731	3.1231	2.6136	2.5261	1.6786	5.7203	3.2174
Ce-133	1.9564	1.5589	2.1930	2.2994	1.8696	1.3303	3.2884	2.0764
Ce-133m	4.7215	3.8371	5.0916	5.6069	4.5731	3.1901	10.9655	7.7426
Ce-134	0.6383	0.5677	0.4618	0.5654	0.6094	0.4277	0.5805	0.5674
Ce-135	3.5600	2.9763	3.8975	4.2056	3.4312	2.5280	7.4473	5.0058
Ce-137	0.7385	0.6533	0.5570	0.6602	0.6821	0.4914	0.7206	0.7427
Ce-137m	0.6898	0.5767	0.5839	0.6554	0.6538	0.4965	0.8239	0.6460
Ce-139	1.9752	1.5498	2.0540	1.8553	1.8673	1.2279	4.3165	2.1423
Ce-141	0.9030	0.6736	0.9842	0.8603	0.8381	0.5286	2.4380	1.0595
Ce-143	1.7317	1.5412	1.8813	2.0274	1.6625	1.2432	3.1837	2.1523
Ce-144	0.2596	0.1978	0.2786	0.2527	0.2420	0.1590	0.6123	0.3061
Ce-145	2.8266	2.3430	3.0108	3.4986	2.7294	1.9937	6.3337	4.7281
Cf-244	0.0988	0.0904	0.0829	0.0764	0.0697	0.0729	0.0708	0.0958
Cf-246	0.0680	0.0622	0.0572	0.0528	0.0481	0.0502	0.0493	0.0660
Cf-247	1.9553	1.5750	2.2945	1.9965	1.6001	1.2460	3.8423	2.3360
Cf-248	0.0817	0.0746	0.0690	0.0638	0.0580	0.0603	0.0604	0.0798
Cf-249	1.8253	1.4309	2.2462	2.3425	1.7075	1.1318	4.9066	3.5298
Cf-250	0.0793	0.0704	0.0722	0.0702	0.0607	0.0575	0.0929	0.0916
Cf-251	1.7341	1.3445	2.2215	1.8670	1.5075	1.0967	3.8974	2.0987
Cf-252	0.8540	0.6881	0.9693	1.0591	0.8155	0.5848	2.2517	1.5068
Cf-253	0.2247	0.2029	0.1871	0.1716	0.1615	0.1675	0.1581	0.2260
Cf-254	29.1251	23.2151	33.7180	37.1498	28.3778	19.8287	81.1392	53.1539
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000



<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Cl-34	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34m	1.6926	1.3209	1.9000	1.9515	1.6363	1.1040	5.7039	2.7715
Cl-36	0.0003	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0005
Cl-38	1.1240	0.9303	1.1993	1.3731	1.1096	0.8046	3.6859	1.8295
Cl-39	2.4031	1.7890	2.5761	2.9848	2.3582	1.7174	5.8993	4.1000
Cl-40	3.0286	2.4634	3.2000	3.8353	2.9945	2.1435	8.9138	5.3562
Cm-238	1.3637	1.0321	1.9009	1.6511	1.1704	0.8155	3.3414	1.6862
Cm-239	3.1524	2.3752	4.4148	3.4744	2.8576	1.9153	7.9759	4.0402
Cm-240	0.1088	0.1017	0.0936	0.0831	0.0760	0.0801	0.0808	0.1067
Cm-241	3.6113	2.8507	4.4437	4.1224	3.1787	2.2928	8.1857	5.2710
Cm-242	0.0976	0.0913	0.0839	0.0746	0.0681	0.0719	0.0724	0.0958
Cm-243	1.7210	1.3612	2.2610	1.9808	1.4865	1.1331	3.6092	2.0628
Cm-244	0.0838	0.0784	0.0720	0.0640	0.0585	0.0617	0.0621	0.0822
Cm-245	1.7582	1.3473	2.4278	2.0922	1.5032	1.0709	4.1553	2.1430
Cm-246	0.0731	0.0675	0.0647	0.0590	0.0527	0.0535	0.0669	0.0770
Cm-247	1.4623	1.0340	1.8325	1.9376	1.4150	0.8705	4.4502	3.2478
Cm-248	2.3332	1.8684	2.6826	2.9444	2.2559	1.5919	6.3718	4.2058
Cm-249	0.1317	0.1124	0.1365	0.1293	0.0994	0.0871	0.2254	0.2024
Cm-250	22.9789	18.3155	26.5951	29.2910	22.3868	15.6469	63.9861	41.9040
Cm-251	0.4917	0.3934	0.5804	0.5710	0.4529	0.3234	1.1737	0.7655
Co-54m	4.9621	3.6760	5.5549	6.6197	4.8828	3.1403	14.6522	11.1871
Co-55	2.1943	1.7032	2.4264	3.0196	2.1453	1.4572	6.4129	5.1573
Co-56	4.1887	3.2889	4.6228	5.9347	4.0927	2.8295	13.1285	9.8250
Co-57	1.7796	1.3406	2.1827	1.7783	1.5262	0.9930	4.8089	2.5100
Co-58	1.7667	1.4107	2.0367	2.8284	1.6861	1.2156	5.4955	4.7137
Co-58m	0.1568	0.1403	0.1424	0.1219	0.0889	0.0988	0.1415	0.2548
Co-60	3.2887	2.4658	3.5293	4.4979	3.2590	2.1126	9.7734	7.6138
Co-60m	0.1935	0.1733	0.1837	0.1562	0.1193	0.1275	0.1867	0.3029
Co-61	0.8653	0.7599	1.1787	0.9870	0.8815	0.8623	1.0990	0.8429
Co-62	1.8933	1.4391	2.0525	2.5479	1.8775	1.2343	6.0026	4.3928
Co-62m	3.3631	2.5543	3.6514	4.5559	3.3330	2.1902	10.6260	7.8485
Cr-48	3.2324	2.8129	4.5400	4.3750	3.0241	1.9916	8.5977	4.5152
Cr-49	1.2825	0.9212	1.7932	1.6159	1.2241	0.9023	3.1496	1.4219
Cr-51	0.2611	0.2581	0.3139	0.3218	0.2166	0.1683	0.5080	0.4086
Cr-55	0.0007	0.0006	0.0007	0.0009	0.0007	0.0005	0.0018	0.0011
Cr-56	1.4631	0.9997	1.7060	1.8779	1.3857	1.2757	1.9479	1.4099
Cs-121	1.1894	0.9166	1.3648	1.3443	1.1398	0.7905	2.9121	1.7396
Cs-121m	2.2297	1.7351	2.7914	2.4861	2.1613	1.4649	5.3839	3.3860
Cs-123	1.5994	1.2667	1.8680	1.9998	1.5267	1.0964	3.5306	2.2567
Cs-124	0.6753	0.5770	0.8093	0.9065	0.6549	0.4353	1.8130	1.2659
Cs-125	1.3868	1.1263	1.4514	1.5736	1.3214	0.9318	2.9310	2.0438
Cs-126	1.1463	0.8676	1.3332	1.4831	1.1122	0.7135	3.2018	2.3963
Cs-127	2.2589	1.7281	2.4247	2.6150	2.1629	1.4277	5.3177	3.9198

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Cs-128	0.7679	0.5987	0.8118	0.8917	0.7382	0.4980	1.7539	1.3445
Cs-129	1.9813	1.6067	1.9873	2.2399	1.8921	1.2940	3.9264	3.0527
Cs-130m	1.2909	1.0256	1.1889	1.3498	1.2379	0.9822	1.5042	1.2235
Cs-130	0.4372	0.3702	0.3407	0.4109	0.4120	0.3062	0.5227	0.4598
Cs-131	0.6054	0.5173	0.4138	0.5226	0.5660	0.4249	0.4988	0.5315
Cs-132	2.3325	1.9283	2.3511	2.7413	2.2221	1.6851	5.1366	3.3794
Cs-134	3.7192	3.0131	4.2430	5.1737	3.5988	2.6413	10.4545	7.4161
Cs-134m	0.5228	0.4305	0.4808	0.4675	0.4618	0.3239	0.8825	0.6176
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	3.2141	2.5413	3.7367	5.2574	3.1662	2.2242	10.4283	8.6845
Cs-136	4.7914	3.8325	5.5740	6.8285	4.7028	3.2002	14.0961	10.8328
Cs-137	1.4660	1.4940	1.4894	1.4800	1.4443	1.4666	1.5037	1.4753
Cs-138m	1.3250	1.0622	1.4509	1.4689	1.2812	0.8682	2.8154	2.0073
Cs-138	3.2149	2.5171	3.5122	4.1170	3.1583	2.1513	9.1356	6.3990
Cs-139	0.3263	0.2566	0.3543	0.4261	0.3214	0.2216	0.9888	0.6431
Cs-140	2.1944	1.7852	2.4060	2.7307	2.1371	1.5552	6.3529	3.7985
Cu-57	0.1692	0.1287	0.1833	0.2324	0.1675	0.1108	0.5223	0.4141
Cu-59	0.8308	0.6610	0.9583	1.1650	0.8137	0.5405	2.4211	1.8422
Cu-60	3.1905	2.5101	3.4482	4.2932	3.1455	2.1612	9.6669	6.6224
Cu-61	0.6858	0.5758	0.7866	0.8332	0.6319	0.4948	1.5394	1.0792
Cu-62	0.0144	0.0116	0.0149	0.0172	0.0123	0.0093	0.0348	0.0312
Cu-64	0.1014	0.0897	0.0933	0.0832	0.0607	0.0640	0.1065	0.1689
Cu-66	0.1607	0.1221	0.1719	0.2161	0.1593	0.1051	0.4936	0.4085
Cu-67	1.1640	0.8503	1.7187	1.3228	1.1099	0.7410	2.9850	1.5282
Cu-69	0.9682	0.7558	1.0655	1.3250	0.9519	0.6520	2.8623	2.2600
Dy-148	2.4154	1.9972	2.5263	2.6672	2.2792	1.7725	5.0467	3.0486
Dy-149	3.6092	2.8626	3.9812	4.5311	3.4586	2.5071	8.6984	6.0719
Dy-150	1.5937	1.1641	1.8241	1.9422	1.5278	0.9962	4.0829	3.1359
Dy-151	3.6114	2.8759	3.9389	4.3823	3.4546	2.4545	8.6601	6.3987
Dy-152	2.4116	1.8450	2.5459	2.5024	2.2948	1.9059	3.8251	2.3465
Dy-153	3.9793	3.1526	4.3680	4.4889	3.7850	2.8324	7.6950	5.4134
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	2.9512	2.2898	3.4001	3.1923	2.8407	2.1220	5.8903	4.0376
Dy-157	2.4216	2.2978	2.9061	3.0956	2.3043	1.6373	4.9795	3.3597
Dy-159	0.8799	0.7393	0.7892	0.8083	0.8104	0.6508	0.9067	0.8343
Dy-165m	0.2498	0.2063	0.2704	0.2512	0.2038	0.1649	0.3978	0.3373
Dy-165	0.1949	0.1542	0.2350	0.2330	0.1835	0.1384	0.3776	0.2457
Dy-166	0.7140	0.5695	0.7486	0.7438	0.6576	0.5563	0.8637	0.7538
Dy-167	2.4020	2.0043	2.7627	2.8251	2.2958	1.7550	5.1152	3.1634
Dy-168	2.1071	1.6504	2.5779	2.2998	2.0141	1.3998	4.8545	3.1930
Er-154	1.0314	0.8508	0.9138	0.9253	0.9210	0.7773	1.0226	1.0245
Er-156	1.3040	1.1061	1.2191	1.1900	1.1444	0.9307	1.4744	1.4432
Er-159	2.8896	2.3407	3.2168	3.2685	2.7533	2.0765	6.3636	4.0700

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Er-161	2.9341	2.3478	3.3153	3.7998	2.8238	2.0650	7.0387	5.6084
Er-163	0.7351	0.6144	0.7117	0.6830	0.6804	0.5546	0.8010	0.7340
Er-165	0.7089	0.5929	0.6856	0.6571	0.6547	0.5346	0.7675	0.7074
Er-167m	0.9285	0.7160	1.3180	0.9233	0.8938	0.6354	1.9184	1.2259
Er-169	0.0045	0.0041	0.0041	0.0035	0.0026	0.0029	0.0042	0.0074
Er-171	2.6407	2.3982	3.3982	3.3815	2.5028	1.7872	5.9645	3.5435
Er-172	2.3597	1.8540	2.7207	2.7300	2.2526	1.6403	5.4648	3.7971
Er-173	3.9465	3.0241	5.3256	4.6022	3.8157	2.5743	10.2034	6.6926
Es-249	2.8360	2.1921	3.5098	3.3685	2.5489	1.7405	7.3427	4.5974
Es-250	7.5620	6.1658	8.7024	8.7812	6.5933	4.9932	16.9106	11.7056
Es-250m	2.3852	1.8477	2.8091	2.7347	2.1274	1.5025	5.9698	3.8147
Es-251	1.8236	1.4564	2.1575	1.8257	1.5157	1.1456	3.8193	2.2012
Es-253	0.0277	0.0250	0.0242	0.0223	0.0200	0.0202	0.0241	0.0295
Es-254	0.9370	0.8618	0.8149	0.7239	0.6570	0.6885	0.7110	0.9905
Es-254m	1.5408	1.2787	1.6321	1.8127	1.4001	1.1269	3.4850	2.3254
Es-255	0.0012	0.0009	0.0014	0.0015	0.0012	0.0008	0.0033	0.0022
Es-256	0.1405	0.1241	0.1131	0.1087	0.1032	0.1061	0.0972	0.1349
Eu-142	0.3758	0.3047	0.4033	0.5179	0.3657	0.2648	1.0610	0.7557
Eu-142m	5.6197	4.4805	6.2414	7.5674	5.4513	3.8624	15.7209	12.0372
Eu-143	0.6167	0.4983	0.6191	0.7279	0.5923	0.4247	1.4504	0.9956
Eu-144	0.2772	0.2308	0.2647	0.3221	0.2667	0.1984	0.6048	0.3982
Eu-145	2.6222	2.1291	2.6996	3.3265	2.5248	1.8337	6.5338	4.8739
Eu-146	5.2009	4.2217	5.6192	6.7661	5.0031	3.7075	13.6196	9.3168
Eu-147	2.3727	1.8931	2.6428	2.5860	2.2488	1.5909	5.0328	3.3961
Eu-148	6.2158	5.0614	6.7499	7.4131	5.9473	4.3679	14.8517	9.8480
Eu-149	0.9184	0.7968	0.8025	0.8888	0.8272	0.6558	1.0735	0.9183
Eu-150	5.7392	4.8490	6.6787	7.3623	5.5134	3.8067	14.2084	9.9932
Eu-150m	0.2136	0.1814	0.2351	0.2621	0.2032	0.1407	0.4702	0.3459
Eu-152	3.3057	2.6459	3.6332	4.1168	3.1703	2.1789	8.2852	5.9522
Eu-152m	0.8624	0.6888	0.9161	1.1033	0.8262	0.5764	2.1823	1.6880
Eu-152n	1.1856	0.8488	1.6170	1.5960	1.0827	0.8677	2.2370	1.3322
Eu-154	2.9440	2.2504	3.3077	3.7366	2.8355	1.9208	8.2721	5.7884
Eu-154m	1.2500	1.0207	1.5435	1.4186	1.1283	0.9296	1.9472	1.3465
Eu-155	0.8992	0.6425	1.2410	1.1998	0.8444	0.6352	1.8652	1.0001
Eu-156	1.8204	1.4200	2.0352	2.4400	1.7779	1.2465	5.4232	3.7416
Eu-157	1.8298	1.5086	2.0590	2.0748	1.7334	1.2999	3.6448	2.7624
Eu-158	2.3835	1.8477	2.5953	3.2181	2.3308	1.6435	6.7339	5.3075
Eu-159	1.8483	1.4888	1.9901	2.0688	1.7546	1.3976	3.1386	2.2412
F-17	0.0006	0.0004	0.0006	0.0009	0.0006	0.0004	0.0018	0.0015
F-18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-52	1.6895	1.2435	2.0909	1.6369	1.5777	1.0145	4.7039	2.0786
Fe-53	0.7643	0.5922	0.9680	1.0431	0.7415	0.4595	2.2940	1.6474
Fe-53m	4.7632	3.7153	5.2024	6.4605	4.6770	3.2363	14.1364	10.4329

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Fe-55	0.1299	0.1162	0.1180	0.1009	0.0736	0.0817	0.1173	0.2112
Fe-59	1.7328	1.2988	1.8909	2.3423	1.7165	1.1106	5.2184	4.1010
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	2.3064	1.8306	2.5930	3.0725	2.2675	1.5208	6.7293	4.9166
Fe-62	1.7118	1.4131	1.9568	1.9978	1.6457	1.1559	3.8729	2.8182
Fm-251	1.7901	1.3926	2.1296	1.8702	1.5344	1.0983	4.1820	2.4169
Fm-252	0.0730	0.0655	0.0606	0.0569	0.0528	0.0545	0.0525	0.0705
Fm-253	1.4271	1.1768	1.5351	1.3332	1.1514	0.9480	2.4588	1.6430
Fm-254	0.0855	0.0756	0.0749	0.0725	0.0648	0.0631	0.0860	0.0928
Fm-255	0.7787	0.7132	0.6705	0.5977	0.5553	0.5817	0.5663	0.7864
Fm-256	21.6732	17.2822	25.0949	27.6664	21.1109	14.7517	60.3602	39.5930
Fm-257	1.9025	1.4977	2.2412	1.9184	1.6273	1.2456	3.8994	2.2674
Fr-212	3.3361	2.5093	4.0321	4.1395	3.1390	2.3573	7.7192	5.3881
Fr-219	0.0188	0.0156	0.0236	0.0244	0.0179	0.0125	0.0464	0.0308
Fr-220	0.1894	0.1508	0.2177	0.2088	0.1576	0.1433	0.2860	0.2095
Fr-221	0.2583	0.1912	0.3601	0.2783	0.2488	0.1876	0.5372	0.3198
Fr-222	1.5487	1.2047	2.1870	1.6336	1.4271	1.0287	3.4228	2.0925
Fr-223	0.8622	0.7061	0.9335	0.8813	0.7609	0.6575	1.1472	0.9190
Fr-224	1.8119	1.3973	2.2795	2.1310	1.7171	1.2148	4.5725	2.9679
Fr-227	2.5974	1.9940	3.4420	3.3041	2.4265	1.8413	5.9341	3.5478
Ga-64	2.3355	1.8553	2.5277	3.1531	2.3112	1.6058	7.3424	5.1729
Ga-65	1.5430	1.1717	2.0261	1.8275	1.4062	0.9585	4.1689	2.3275
Ga-66	1.6442	1.3292	1.7504	2.0800	1.5776	1.1322	5.0005	3.4242
Ga-67	1.6893	1.3315	2.2953	2.0487	1.4753	1.1026	3.6982	2.3790
Ga-68	0.0921	0.0742	0.0938	0.1063	0.0778	0.0594	0.2144	0.2009
Ga-70	0.0172	0.0131	0.0195	0.0206	0.0163	0.0110	0.0485	0.0363
Ga-72	3.6032	2.8858	4.0530	5.1242	3.5394	2.5197	11.5390	7.9760
Ga-73	2.2521	2.1017	2.7126	2.8009	2.0105	1.5574	4.5553	3.2559
Ga-74	4.0414	3.2952	4.4560	4.9595	3.9287	2.8651	11.7187	6.7965
Gd-142	1.5015	1.2205	1.6502	1.7333	1.4384	1.0416	3.3654	2.2159
Gd-143m	4.1446	3.3557	4.5450	5.0557	3.9834	2.9903	9.3800	6.3091
Gd-144	0.9210	0.7818	0.9326	1.0449	0.8758	0.6487	1.9767	1.2882
Gd-145m	1.7292	1.4153	1.9414	2.3882	1.6371	1.2225	4.6541	3.4277
Gd-145	2.3259	1.9229	2.3903	2.8200	2.2618	1.6488	6.3740	3.8612
Gd-146	3.6299	2.8015	4.0127	3.7473	3.3391	2.2902	7.7322	4.0228
Gd-147	4.9906	3.8943	5.7446	6.1316	4.8248	3.4413	12.0890	8.7519
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	3.2624	2.7256	3.5708	3.7473	3.0761	2.1834	7.2317	4.4790
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	1.0971	0.9063	1.0042	1.0198	0.9865	0.7761	1.4601	1.0920
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	1.7908	1.3989	2.1105	2.0877	1.6491	1.2043	3.1145	1.8486
Gd-159	0.4025	0.3388	0.4513	0.4700	0.3828	0.2745	0.8034	0.5997

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Gd-162	1.8162	1.3357	2.1930	2.3263	1.7476	1.1047	5.1697	3.8798
Ge-66	2.5399	2.0592	3.0057	2.9480	2.3110	1.6910	5.6170	4.0176
Ge-67	1.8769	1.4031	2.2383	2.0231	1.7806	1.1635	5.3853	2.7399
Ge-68	0.3190	0.2857	0.2898	0.2481	0.1809	0.2009	0.2884	0.5171
Ge-69	1.4703	1.1761	1.5719	1.8435	1.3413	0.9722	3.7981	3.1484
Ge-71	0.3235	0.2897	0.2939	0.2516	0.1835	0.2037	0.2926	0.5245
Ge-75	0.2309	0.1790	0.2764	0.2609	0.2233	0.1786	0.4565	0.2580
Ge-77	3.9736	3.0620	4.9666	4.7619	3.8689	2.7779	9.8293	6.3770
Ge-78	1.7483	1.4831	2.1107	2.1393	1.6865	1.3242	3.5620	2.0299
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	1.6649	1.6328	2.1425	2.1167	1.5870	1.1847	3.3949	2.1924
Hf-169	2.4980	2.0865	2.9149	2.7783	2.3808	1.7907	4.9562	3.7410
Hf-170	3.0493	2.5007	3.6298	3.2044	2.8337	2.1856	6.1990	3.8082
Hf-172	1.9388	1.6453	2.1627	1.8264	1.7265	1.5222	2.5608	2.1126
Hf-173	3.7036	3.0806	4.5693	4.0219	3.4678	2.4799	8.5581	4.7482
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	2.4877	2.2558	3.1305	3.0811	2.3706	1.7664	5.1930	3.6995
Hf-177m	15.4561	13.0790	20.1647	18.2432	14.7883	10.8243	34.6227	21.0956
Hf-178m	11.6925	9.4274	15.0962	14.1053	11.2185	8.0873	27.0142	17.7247
Hf-179m	6.1617	4.9494	7.6910	6.9672	5.8358	4.1597	14.4738	9.3431
Hf-180m	5.8336	4.8739	7.6834	7.0823	5.6180	3.9947	13.4902	9.1079
Hf-181	2.8197	2.2675	3.3625	3.1603	2.6572	1.8315	6.9162	4.4445
Hf-182	1.7155	1.3878	2.0318	1.9559	1.6414	1.3175	3.3811	1.8831
Hf-182m	4.6659	3.8356	5.8629	5.5675	4.4453	3.2656	10.7013	7.2797
Hf-183	2.4279	1.9356	2.9263	3.4097	2.3785	1.8322	6.0774	4.8114
Hf-184	2.4122	2.0198	2.8316	2.5256	2.1141	1.5546	5.2714	3.4262
Hg-190	2.6358	2.0710	3.1545	2.7114	2.4046	1.9528	5.3615	2.9985
Hg-191m	5.5277	4.3793	6.4669	6.5466	5.2659	4.2488	11.4523	7.9373
Hg-192	2.7603	2.2914	3.3768	3.1224	2.5616	2.2593	4.5079	3.0206
Hg-193	2.9522	2.3701	3.5703	3.5662	2.7929	2.2887	6.1540	4.6380
Hg-193m	3.1741	2.5194	3.7649	3.9433	3.0399	2.3470	7.2474	5.4154
Hg-194	0.1839	0.1681	0.1668	0.1452	0.1077	0.1185	0.1725	0.2701
Hg-195	1.5301	1.2841	1.8452	1.7216	1.3876	1.3123	2.2110	1.9043
Hg-195m	1.8394	1.5209	2.0756	1.9425	1.5969	1.4621	2.7261	2.2056
Hg-197	1.2762	1.0508	1.5363	1.4131	1.1472	1.1658	1.3574	1.2959
Hg-197m	1.3730	1.0985	1.6012	1.4050	1.1951	0.9935	2.6156	1.6592
Hg-199m	1.9745	1.5321	2.3112	2.1242	1.8041	1.4359	4.1992	2.3818
Hg-203	1.5961	1.3530	1.9371	1.9575	1.5320	1.2321	3.1167	1.8369
Hg-205	0.0471	0.0358	0.0715	0.0496	0.0462	0.0331	0.1033	0.0637
Hg-206	0.7219	0.6826	0.9292	0.9764	0.6909	0.5271	1.5446	0.9599
Hg-207	4.3889	3.6237	5.0197	5.7753	4.2900	3.0018	12.1060	8.3884
Ho-150	2.3936	1.9178	2.7287	3.5631	2.3314	1.6851	7.0481	5.5051
Ho-153	2.6016	2.2530	3.0494	3.2594	2.4981	1.8541	5.6501	3.8011

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Ho-153m	2.9462	2.3063	3.4751	3.4601	2.7986	1.9958	6.8329	4.3696
Ho-154m	7.3243	6.0027	8.7926	9.6115	7.0804	4.7492	19.2895	14.0064
Ho-154	3.6859	3.1947	4.4152	4.9277	3.5650	2.4475	9.5583	6.6653
Ho-155	2.2390	1.7939	2.5273	2.4383	2.1122	1.5646	4.4638	2.9922
Ho-156	4.7121	3.7066	5.2560	5.5558	4.5150	3.2612	11.6439	7.3309
Ho-157	3.3433	2.7678	3.7660	3.7377	3.1694	2.3770	6.3640	4.4022
Ho-159	3.5610	2.8428	4.0583	3.7850	3.3353	2.4138	7.2745	4.3683
Ho-160	4.7122	3.7497	5.2895	6.0665	4.5440	3.3173	11.8256	8.9729
Ho-161	1.1852	0.9620	1.0973	1.1115	1.0588	0.8835	1.3204	1.1826
Ho-162	1.0411	0.8475	1.0144	1.0447	0.9651	0.7809	1.3111	1.1520
Ho-162m	2.4338	1.9513	2.7199	2.6721	2.2886	1.6943	4.8585	3.6230
Ho-163	0.0052	0.0047	0.0047	0.0041	0.0030	0.0033	0.0047	0.0085
Ho-164	0.5574	0.4609	0.5450	0.5365	0.5111	0.4182	0.6263	0.5568
Ho-164m	1.0181	0.8693	0.9696	0.9171	0.8824	0.7489	1.0574	1.1065
Ho-166	0.2263	0.1763	0.2439	0.2494	0.2045	0.1814	0.2890	0.2631
Ho-166m	5.5791	4.4153	6.8220	7.2538	5.3886	3.8674	14.7000	10.1967
Ho-167	2.1034	1.8754	2.7060	2.7994	2.0254	1.3895	5.1284	3.4572
Ho-168	2.1220	1.6773	2.4810	3.0989	2.0566	1.5019	6.0401	4.7100
Ho-168m	0.1931	0.1660	0.1825	0.1678	0.1516	0.1363	0.1956	0.2399
Ho-170	4.7857	3.6720	5.5024	6.1263	4.6367	3.3420	12.3619	9.2293
I-118m	7.0354	5.6975	7.7998	8.7533	6.7696	4.9502	18.3982	11.9502
I-118	2.4132	1.9636	2.6568	2.9488	2.3197	1.7109	6.1907	3.9046
I-119	2.2217	1.6979	2.3596	2.4126	2.1217	1.7412	3.9663	2.4259
I-120	2.8524	2.3330	3.0428	3.4024	2.7541	2.0234	7.3105	4.5315
I-120m	6.0901	4.9509	6.6648	7.3071	5.8505	4.3148	15.3890	9.6800
I-121	2.3272	1.7896	2.8975	2.3407	2.2403	1.6314	4.5084	2.9372
I-122	0.5301	0.4333	0.5339	0.5969	0.5004	0.3805	1.1008	0.7565
I-123	2.1148	1.5914	2.0548	1.9642	1.9439	1.3613	4.6941	2.2340
I-124	2.1222	1.7334	2.1297	2.4174	2.0108	1.5418	4.6660	2.9750
I-125	1.2100	0.9805	0.8106	1.0273	1.0870	0.9029	0.9513	1.0466
I-126	1.6399	1.2778	1.7836	2.0254	1.5623	1.1098	4.0704	2.9108
I-128	0.2915	0.2216	0.3255	0.3498	0.2792	0.1879	0.7180	0.5461
I-129	0.6381	0.5458	0.4386	0.5535	0.5979	0.4493	0.5292	0.5513
I-130m	0.4630	0.3844	0.4538	0.4898	0.4301	0.3239	0.8397	0.6307
I-130	5.6430	4.5291	6.4471	7.3999	5.4453	3.9290	15.2698	10.5607
I-131	1.6892	1.6991	1.7139	1.7449	1.6589	1.6840	1.6941	1.6700
I-132	4.9340	3.9703	5.5857	6.8334	4.7854	3.4906	14.0717	9.9375
I-132m	1.2939	1.0443	1.3965	1.5390	1.2032	0.9090	2.9421	1.9700
I-133	1.7871	1.4624	2.0255	2.1553	1.7203	1.2264	4.3020	3.0240
I-134m	2.2230	1.8239	2.2782	2.4293	2.1166	1.6758	3.6571	2.4165
I-134	5.0192	3.9351	5.6732	7.2149	4.9222	3.4161	15.2233	11.8118
I-135	2.1948	1.7004	2.3967	2.9205	2.1636	1.4607	6.4006	4.6682
In-103	3.4720	2.7151	4.2149	4.3776	3.3888	2.3438	9.8876	6.5449

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
In-105	3.0171	2.3395	3.3988	3.5622	2.8679	2.0478	8.0299	4.9087
In-106	5.9920	4.7657	6.6207	7.8504	5.8074	4.1956	16.6038	11.9850
In-106m	2.7174	2.2318	2.9445	3.2978	2.6150	1.9858	7.4634	4.1658
In-107	2.7920	2.2280	3.3553	3.2501	2.6746	1.9220	6.8246	4.4984
In-108	7.7199	6.0943	8.4299	9.9621	7.4546	5.4630	20.5134	14.6632
In-108m	2.7877	2.2882	2.9266	3.3059	2.6586	2.0472	7.2845	4.1440
In-109	2.7721	2.1371	3.4561	2.9873	2.6282	1.9350	5.9340	3.9834
In-109m	1.6180	1.3272	1.7837	1.9769	1.5395	1.1960	4.1420	2.3803
In-110	7.0883	5.6306	7.6587	9.4210	6.8026	5.0171	19.2942	14.3057
In-110m	2.1149	1.7231	2.2556	2.5647	1.9958	1.5615	5.3030	3.1927
In-111	3.8266	2.7930	4.2906	3.7557	3.5715	2.7732	7.6997	4.0376
In-111m	1.5660	1.2879	1.7398	1.8041	1.4916	1.0917	3.5189	2.3987
In-112	0.3159	0.2497	0.2613	0.3022	0.2715	0.2430	0.4162	0.3265
In-112m	0.6832	0.5117	0.5510	0.5956	0.5871	0.5002	0.9705	0.6374
In-113m	1.3565	0.9752	1.5815	1.7232	1.2906	0.8382	3.7507	2.8420
In-114	0.0065	0.0050	0.0059	0.0071	0.0059	0.0047	0.0117	0.0095
In-114m	0.6794	0.5211	0.7293	0.6631	0.6160	0.4865	1.1922	0.8263
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	1.0824	0.9844	1.2527	1.3866	1.0076	0.7354	2.3072	1.6078
In-116m	3.5602	2.6849	3.9332	4.8187	3.5112	2.2960	10.8620	8.0846
In-117	3.2015	2.4895	3.5593	3.4203	3.0165	2.0909	8.2742	4.2718
In-117m	0.7615	0.6656	0.8530	0.8784	0.7025	0.5070	1.6990	0.9281
In-118m	4.5235	3.4627	4.9727	6.1094	4.4503	2.9983	13.4610	10.2161
In-118	0.1107	0.0834	0.1212	0.1515	0.1094	0.0711	0.3323	0.2555
In-119	1.7879	1.4256	2.0161	2.7352	1.7196	1.2722	5.2680	4.2078
In-119m	0.1955	0.1591	0.1928	0.2316	0.1785	0.1373	0.4025	0.3294
In-121	1.8228	1.4147	2.0207	2.5857	1.7955	1.2505	5.4949	4.4432
In-121m	0.5458	0.4495	0.5100	0.5113	0.5028	0.4603	0.6091	0.5468
Ir-180	3.9537	3.2409	4.7011	4.7857	3.7539	2.8642	9.4676	6.2848
Ir-182	3.6948	2.9837	4.4539	4.3335	3.5018	2.6679	8.5839	5.6594
Ir-183	3.5100	2.9593	4.3053	4.0880	3.3259	2.7358	7.3220	5.1449
Ir-184	5.6966	4.5655	6.7922	6.8251	5.4396	4.1657	13.3769	9.2056
Ir-185	3.0134	2.5745	3.6406	3.2535	2.7695	2.4023	5.4716	3.8442
Ir-186	5.4568	4.5934	6.6000	6.6094	5.1954	3.9252	12.9786	8.5841
Ir-186m	3.0835	2.5666	3.6370	3.8023	2.9398	2.2830	7.6311	5.2304
Ir-187	1.9936	1.7341	2.4713	2.1735	1.8485	1.6357	3.4163	2.7766
Ir-188	3.7856	3.1538	4.3964	4.3457	3.6163	2.8263	9.6375	5.6700
Ir-189	1.2297	1.1063	1.5427	1.1996	1.1050	1.0892	1.4404	1.2776
Ir-190	6.3999	5.2108	7.9695	7.4786	6.1301	4.5143	15.1492	10.1238
Ir-190m	0.1788	0.1608	0.1624	0.1396	0.1020	0.1130	0.1633	0.2845
Ir-190n	0.9687	0.8870	1.2364	0.9412	0.8855	0.8684	1.1373	0.9821
Ir-191m	1.2639	1.0736	1.5280	1.2214	1.0984	0.9696	2.1313	1.4988
Ir-192	3.9218	3.6851	5.0281	5.2588	3.7742	2.6650	9.3262	5.9855

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Ir-192m	0.2024	0.1837	0.1837	0.1599	0.1173	0.1293	0.1895	0.3067
Ir-192n	0.4270	0.3874	0.3906	0.3391	0.2505	0.2750	0.4038	0.6412
Ir-193m	0.1810	0.1629	0.1664	0.1428	0.1053	0.1162	0.1664	0.2833
Ir-194	0.3590	0.3393	0.4599	0.5004	0.3467	0.2413	0.9023	0.5837
Ir-194m	8.5711	7.3497	10.4037	11.0802	8.2253	5.7836	21.7836	14.4383
Ir-195	0.9803	0.8237	1.2806	1.0843	0.8787	0.8253	1.3751	1.0585
Ir-195m	2.1988	1.8264	2.7793	2.6866	2.0736	1.5912	4.8545	3.3312
Ir-196	0.7377	0.6198	0.9158	1.0567	0.7172	0.4830	2.0886	1.5340
Ir-196m	9.2269	7.3315	11.1809	11.8420	8.8485	6.0451	24.7040	17.1242
K-38	1.4877	1.2348	1.6647	1.8099	1.4716	1.0634	5.7644	2.5517
K-40	0.1723	0.1362	0.1758	0.2215	0.1689	0.1174	0.4412	0.3151
K-42	0.2926	0.2373	0.2949	0.3697	0.2882	0.2047	0.7141	0.4831
K-43	3.4095	2.7294	4.0988	4.3452	3.2845	2.2639	9.3502	6.0636
K-44	2.4274	1.9056	2.6365	3.2023	2.4015	1.6407	7.7061	5.1755
K-45	2.8119	2.1836	3.2951	3.2076	2.7378	1.8512	8.1580	4.3894
K-46	2.3886	1.8683	2.5334	3.1787	2.3686	1.6088	7.0488	4.8427
Kr-74	2.1561	1.7114	2.9255	2.5598	2.0196	1.4888	4.9366	2.8305
Kr-75	1.9622	1.4548	2.2934	2.0273	1.7997	1.1523	5.6673	2.7139
Kr-76	2.7062	2.3768	3.2108	3.2777	2.4606	1.8407	5.8134	3.8884
Kr-77	2.0650	1.5383	2.4550	2.0480	1.8859	1.1649	6.1041	2.7601
Kr-79	1.0926	0.9056	1.2149	1.2051	0.9407	0.7532	2.2319	1.6008
Kr-81	0.3471	0.3285	0.3148	0.2878	0.2163	0.2326	0.3623	0.4046
Kr-81m	1.2435	0.9552	1.8245	1.2304	1.1859	0.7853	3.0597	1.6827
Kr-83m	0.1541	0.1453	0.1392	0.1250	0.0947	0.1027	0.1537	0.1887
Kr-85	0.0074	0.0061	0.0085	0.0087	0.0071	0.0051	0.0169	0.0121
Kr-85m	1.4792	1.1422	1.7163	1.5250	1.3702	0.8813	4.2213	1.7924
Kr-87	1.3904	1.0214	1.6564	1.8478	1.3610	0.8740	4.4849	3.0853
Kr-88	2.2004	1.7657	2.6320	2.6715	2.1559	1.5059	6.8946	3.8811
Kr-89	2.8255	2.2540	3.2548	3.6001	2.7663	1.9582	7.8212	5.2109
La-128	5.3316	4.3745	6.0635	6.7083	5.1734	3.7023	13.2605	9.1174
La-129	1.9894	1.6198	2.2779	2.3582	1.9130	1.3410	4.3576	2.7698
La-130	3.8306	3.1748	4.4417	5.0190	3.7248	2.5210	10.2350	7.2930
La-131	2.5121	2.0186	2.8893	2.9943	2.4166	1.6167	5.6581	3.7508
La-132	3.3553	2.7011	3.6664	4.0408	3.2581	2.2464	8.5113	5.9228
La-132m	2.7366	2.1601	2.9938	3.0611	2.6042	1.7548	6.7432	4.2742
La-133	0.8619	0.7646	0.7215	0.8401	0.8097	0.5810	1.0868	0.9408
La-134	0.3556	0.3091	0.2984	0.3521	0.3433	0.2423	0.5205	0.3929
La-135	0.6577	0.5861	0.4766	0.5898	0.6360	0.4353	0.6236	0.6157
La-136	0.4569	0.4039	0.3433	0.4382	0.4429	0.3037	0.5155	0.4934
La-137	0.6042	0.5416	0.4237	0.5307	0.5836	0.3998	0.5217	0.5370
La-138	1.9279	1.5515	1.9641	2.5859	1.8925	1.3095	4.8738	3.7930
La-140	3.5023	2.8997	3.8488	4.5951	3.4236	2.4135	9.0204	6.3429
La-141	0.0308	0.0237	0.0326	0.0411	0.0304	0.0204	0.0883	0.0635



<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
La-142	2.4591	2.0068	2.6933	3.0755	2.4037	1.7565	7.5479	4.2808
La-143	0.3568	0.2846	0.3921	0.4639	0.3488	0.2477	1.0600	0.6883
Lu-165	3.3847	2.7095	3.9922	3.7829	3.2150	2.3652	7.5075	4.8756
Lu-167	3.9150	3.1613	4.3979	4.4768	3.7441	2.8053	8.8097	5.9559
Lu-169m	0.1310	0.1172	0.1190	0.1018	0.0742	0.0824	0.1183	0.2127
Lu-169	3.5117	2.8178	4.0418	4.0841	3.3768	2.5047	7.8737	5.8289
Lu-170	3.5901	2.8910	3.9403	4.3475	3.4777	2.5712	9.1390	6.3294
Lu-171m	0.1421	0.1270	0.1307	0.1118	0.0826	0.0909	0.1294	0.2272
Lu-171	2.9436	2.4582	3.2622	3.4534	2.7135	2.2382	5.6010	4.5675
Lu-172	5.1098	4.0434	5.8484	6.3951	4.9255	3.5839	12.6294	9.7944
Lu-172m	0.1177	0.1054	0.1070	0.0916	0.0668	0.0741	0.1064	0.1912
Lu-173	2.2335	1.8611	2.5777	2.3085	2.1047	1.7809	3.1517	2.3502
Lu-174	1.0264	0.8681	1.1272	1.0150	0.9446	0.8176	1.2956	1.1871
Lu-174m	1.1529	1.0160	1.2598	1.0598	0.9967	0.9140	1.2669	1.2964
Lu-176	3.5839	3.1609	5.0739	4.3273	3.4465	2.4643	7.9403	4.9258
Lu-176m	0.2685	0.2159	0.3386	0.3042	0.2324	0.2088	0.3917	0.3140
Lu-177	0.3610	0.2770	0.5237	0.3875	0.3427	0.2416	0.8280	0.4732
Lu-177m	7.6949	6.1219	10.1500	8.6614	7.3556	5.2571	17.8402	10.9136
Lu-178	0.3276	0.2554	0.4028	0.4086	0.3037	0.2295	0.7267	0.5232
Lu-178m	6.6931	5.4519	9.0797	8.5380	6.4460	4.5525	15.9699	10.4564
Lu-179	0.2312	0.1740	0.3351	0.2396	0.2270	0.1603	0.5242	0.3071
Lu-180	3.5506	2.7274	4.2841	4.5756	3.4491	2.3264	9.6427	7.0837
Lu-181	2.5264	2.0782	3.0709	2.9806	2.3620	1.7894	5.7447	3.8748
Mg-27	1.6679	1.2983	1.8836	2.5423	1.6480	1.1293	5.3324	4.4429
Mg-28	2.7893	2.1355	2.9009	3.5667	2.7450	1.8056	7.3051	5.7430
Mn-50m	5.4883	4.2661	6.0401	7.8360	5.4068	3.7049	16.4931	12.7049
Mn-51	0.0116	0.0095	0.0125	0.0148	0.0101	0.0078	0.0297	0.0246
Mn-52	4.9948	3.9272	5.4618	7.0665	4.8852	3.4061	14.5832	11.3545
Mn-52m	1.6068	1.2563	1.6646	2.1023	1.5859	1.0822	4.2671	3.0698
Mn-53	0.1058	0.0947	0.0961	0.0822	0.0599	0.0666	0.0955	0.1720
Mn-54	1.7405	1.3811	1.9907	2.7384	1.6727	1.1914	5.4300	4.6397
Mn-56	2.2803	1.8190	2.5823	3.4093	2.2509	1.5832	7.5390	5.5114
Mn-57	0.6287	0.5157	0.7117	0.6566	0.5231	0.3940	1.4306	0.9556
Mn-58m	3.6873	2.8739	4.1527	5.4106	3.6321	2.4806	11.2546	8.7123
Mo-101	2.8458	2.2517	3.3014	3.5545	2.7577	1.9360	7.7430	5.3044
Mo-102	0.1646	0.1218	0.2185	0.1666	0.1576	0.1064	0.4173	0.2095
Mo-89	0.3637	0.2904	0.3985	0.4856	0.3517	0.2521	1.0515	0.7510
Mo-90	3.8220	3.0243	4.3794	3.9584	3.4840	2.6866	8.0185	4.7426
Mo-91m	1.5881	1.2776	1.7080	2.0029	1.5313	1.1221	4.1719	2.7493
Mo-91	0.0496	0.0468	0.0460	0.0417	0.0400	0.0380	0.0601	0.0533
Mo-93	0.5422	0.5364	0.4816	0.3695	0.3972	0.4258	0.3219	0.4681
Mo-93m	4.4626	3.5807	4.8304	5.5629	4.2904	3.2579	10.7132	7.0434
Mo-99	0.5055	0.3978	0.6010	0.6539	0.4813	0.3379	1.4224	0.9458

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	1.0387	0.9004	1.1490	1.3054	1.0383	0.7979	3.2869	1.6180
Na-22	1.6393	1.2123	1.7774	2.2790	1.6252	1.0354	4.9425	3.8339
Na-24	3.0934	2.4773	3.2949	3.9553	3.0696	2.1441	9.6077	5.8244
Nb-87	2.4298	1.9170	3.5021	2.3203	2.2917	1.5738	5.5725	3.2625
Nb-88m	6.1216	4.6990	6.8595	8.0480	5.9864	4.0609	17.8774	13.3174
Nb-88	7.3906	5.7936	8.1895	9.3852	7.1518	5.0794	19.5854	14.9606
Nb-89	0.6399	0.5454	0.6659	0.7386	0.5977	0.4595	1.6102	1.0647
Nb-89m	1.6378	1.3675	1.8477	1.9091	1.5514	1.1217	3.6481	2.7153
Nb-90	4.8257	3.8298	5.2888	5.5929	4.5975	3.1879	14.8510	8.6364
Nb-91	0.5346	0.5420	0.4878	0.3538	0.3875	0.4209	0.3302	0.4704
Nb-91m	0.5007	0.4848	0.4584	0.3711	0.3766	0.3860	0.4011	0.4896
Nb-92	3.9044	3.2312	4.2434	4.7628	3.6710	2.7354	9.6570	7.4443
Nb-92m	2.2455	1.8652	2.3705	2.8189	2.0802	1.5675	5.7077	4.9535
Nb-93m	0.1041	0.1023	0.0926	0.0716	0.0750	0.0806	0.0641	0.0954
Nb-94m	0.3783	0.3722	0.3381	0.2655	0.2789	0.2958	0.2475	0.3439
Nb-94	3.2797	2.6125	3.7314	4.8482	3.2029	2.3023	9.9648	7.6138
Nb-95	1.6290	1.3015	1.9051	2.6165	1.5946	1.1476	5.1614	4.0947
Nb-95m	0.8273	0.6944	0.9193	0.7293	0.7192	0.6389	1.1472	0.8322
Nb-96	5.2984	4.1745	6.0664	7.5155	5.1771	3.6139	15.4576	11.8837
Nb-97	1.6885	1.3834	1.8845	2.1224	1.6152	1.2397	4.4691	2.6478
Nb-98m	5.0954	4.0821	5.8281	7.5554	4.9861	3.5381	15.4669	11.5784
Nb-99	2.3204	1.7186	2.9748	2.5344	2.0839	1.3785	6.2211	2.8348
Nb-99m	1.0824	0.8659	1.2660	1.3731	1.0419	0.7497	3.0779	1.8452
Nd-134	2.6293	2.0852	2.9529	2.7664	2.4945	1.7012	5.9528	3.2211
Nd-135	3.1804	2.5234	3.8240	3.4493	3.0626	2.1293	6.7914	4.5611
Nd-136	2.0569	1.6668	2.1448	2.2113	1.9203	1.3419	3.8242	2.3856
Nd-137	2.7248	2.2630	2.8364	3.2869	2.6328	1.9461	5.6930	4.1631
Nd-138	0.7418	0.6557	0.6001	0.6963	0.6980	0.5098	0.7993	0.6946
Nd-139	0.8891	0.7314	0.8224	0.9564	0.8481	0.5965	1.5875	1.2624
Nd-139m	4.3901	3.4866	4.8507	5.7293	4.2295	2.9408	11.4754	8.2950
Nd-140	0.6393	0.5621	0.4685	0.5681	0.5987	0.4430	0.5641	0.5481
Nd-141	0.6693	0.5841	0.5019	0.6091	0.6289	0.4619	0.6612	0.6193
Nd-141m	1.5507	1.2457	1.7835	2.4058	1.5123	1.0964	4.7214	3.6813
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	1.0819	0.8532	1.2553	1.3051	1.0234	0.7606	2.0116	1.2866
Nd-149	2.3703	1.8558	2.9794	2.6898	2.2727	1.6126	5.4342	3.1808
Nd-151	2.8264	2.1490	3.3724	3.5036	2.7106	1.8502	7.6050	4.7858
Nd-152	1.1075	0.9058	1.2593	1.2444	1.0450	0.8501	2.0420	1.2280
Ne-19	0.0002	0.0002	0.0004	0.0003	0.0002	0.0001	0.0007	0.0004
Ne-24	1.8605	1.4595	2.1794	2.3072	1.7991	1.2062	4.7823	3.5855
Ni-56	5.4780	4.2649	6.2332	7.0431	5.1966	3.6602	15.3283	10.0488
Ni-57	1.9532	1.5160	2.0927	2.4355	1.8704	1.2679	5.5117	3.7143

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Ni-59	0.1834	0.1641	0.1666	0.1425	0.1039	0.1154	0.1656	0.2982
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.7426	0.5822	0.7939	0.9807	0.7324	0.4935	2.0530	1.5218
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	4.8150	3.9992	6.1608	6.6745	4.4348	3.1971	12.3825	8.5311
Np-233	1.4233	1.0725	2.0986	1.8808	1.2311	0.8884	3.3822	1.7218
Np-234	2.6449	2.0892	3.2329	3.3570	2.3892	1.7580	6.2149	3.9614
Np-235	0.3557	0.3361	0.3204	0.2750	0.2408	0.2553	0.2983	0.3803
Np-236	2.8835	2.3207	3.5402	3.1033	2.3723	1.8675	5.7789	3.2583
Np-236m	0.7821	0.5982	1.1159	1.0001	0.6658	0.4949	1.7713	0.9348
Np-237	0.8957	0.7692	0.9370	0.8715	0.7129	0.6519	1.1141	0.9263
Np-238	1.3285	1.0694	1.3657	1.6111	1.2212	0.8989	3.3398	2.8776
Np-239	2.3068	1.8040	3.1494	2.7716	2.0171	1.4831	5.1853	2.8194
Np-240	3.9320	3.1687	4.5008	4.6359	3.5516	2.6497	9.2446	6.5426
Np-240m	1.1077	0.9377	1.1746	1.2319	0.9895	0.7904	2.2597	1.6231
Np-241	0.5609	0.4295	0.7746	0.6724	0.4831	0.3417	1.3427	0.6958
Np-242	0.4315	0.3499	0.4682	0.5765	0.4095	0.3014	1.2023	0.8708
Np-242m	3.2406	2.6349	3.5607	4.0634	2.9019	2.2371	7.7694	5.9854
O-14	1.4867	1.2331	1.6412	1.7767	1.4729	1.0652	5.6195	2.4821
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	2.5432	1.9241	3.5898	2.8805	2.5211	1.6286	6.6813	4.2351
Os-180	1.4209	1.2727	1.7013	1.4269	1.2607	1.1964	1.8271	1.6429
Os-181	4.4681	3.6237	5.3879	5.3284	4.2744	3.4264	9.8480	7.1419
Os-182	2.8496	2.3866	3.5143	2.9709	2.6614	2.1265	5.4212	3.7181
Os-183	4.0489	3.3287	5.1822	4.7640	3.8430	2.9619	8.9675	6.4535
Os-183m	2.4220	1.9792	2.7962	2.9348	2.3333	1.8063	5.6225	4.6366
Os-185	2.4587	2.0987	2.8774	2.8543	2.3227	1.9487	5.2233	3.4555
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	0.1715	0.1540	0.1557	0.1337	0.0976	0.1083	0.1561	0.2745
Os-190m	6.6388	5.4650	8.1646	7.8175	6.3067	4.4647	16.2517	10.5304
Os-191	1.3612	1.1538	1.6585	1.3230	1.1954	1.0497	2.3278	1.5999
Os-191m	0.2598	0.2368	0.2757	0.2231	0.1839	0.1950	0.2522	0.3508
Os-193	0.5097	0.4238	0.6253	0.5675	0.4686	0.3819	0.9990	0.6942
Os-194	0.1948	0.1736	0.1734	0.1595	0.1291	0.1288	0.1833	0.2674
Os-196	0.5578	0.4577	0.7130	0.6297	0.5300	0.4115	1.2080	0.7871
P-30	0.0011	0.0009	0.0012	0.0014	0.0011	0.0008	0.0042	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	0.4852	0.4106	0.6010	0.5214	0.4007	0.3579	0.7592	0.5267
Pa-228	4.8268	3.8587	5.8926	6.1959	4.4053	3.2496	11.8222	8.3622
Pa-229	1.1733	0.8928	1.6462	1.5067	1.0046	0.7928	2.4333	1.3547
Pa-230	2.6794	2.0927	3.3121	3.4581	2.4254	1.8017	6.4876	4.6604
Pa-231	0.8132	0.7525	0.8046	0.7517	0.6184	0.5805	0.9835	0.9342

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Pa-232	2.7290	2.1752	3.0420	3.4216	2.5280	1.8146	7.1442	5.5103
Pa-233	1.9940	1.7833	2.6205	2.5633	1.7632	1.3201	4.2944	2.6414
Pa-234	5.0042	3.9830	5.9514	6.2773	4.5851	3.3586	12.6531	8.7982
Pa-234m	0.0412	0.0325	0.0481	0.0541	0.0383	0.0278	0.1091	0.0813
Pa-235	0.0619	0.0555	0.0563	0.0482	0.0351	0.0390	0.0561	0.1003
Pa-236	1.9323	1.5976	2.1421	2.3244	1.7808	1.3704	4.8171	3.0233
Pa-237	1.4580	1.1750	1.6698	2.0503	1.4025	0.9963	4.0985	3.2379
Pb-194	3.6696	2.9020	4.4664	4.4745	3.5100	2.8168	7.6257	5.4036
Pb-195m	5.7703	4.4835	6.9391	7.6399	5.4843	3.9843	14.8876	11.2630
Pb-196	3.2078	2.5112	3.8959	3.7664	3.0424	2.5713	5.7406	4.0519
Pb-197	3.7468	2.8932	4.4541	4.9952	3.6156	2.6937	9.5964	7.1517
Pb-197m	4.8660	3.7506	5.9510	6.2571	4.6302	3.4609	11.7675	8.7440
Pb-198	3.0884	2.5015	3.8258	3.8010	2.9178	2.3871	6.0967	4.1346
Pb-199	3.0300	2.4249	3.6426	3.9771	2.9057	2.2444	7.0192	5.1742
Pb-200	2.4342	1.8813	2.9065	2.7051	2.2392	1.9250	4.3693	2.6754
Pb-201	3.4610	3.0021	4.3358	4.6717	3.3050	2.5591	7.6627	5.5213
Pb-201m	1.3309	1.0756	1.5146	1.5747	1.2486	1.0520	2.8021	1.6323
Pb-202	0.1751	0.1590	0.1589	0.1382	0.1014	0.1119	0.1637	0.2649
Pb-202m	5.2183	3.9957	6.0438	7.1215	5.0610	3.4856	15.0684	11.6925
Pb-203	2.6248	2.1565	3.1996	3.1862	2.4827	2.1568	4.4253	2.9372
Pb-204m	4.8811	3.8080	5.7197	7.0702	4.7875	3.2078	14.9329	11.9263
Pb-205	0.1773	0.1610	0.1608	0.1398	0.1027	0.1133	0.1657	0.2681
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	0.2318	0.2138	0.2101	0.1894	0.1543	0.1577	0.2261	0.2818
Pb-211	0.1966	0.1465	0.2364	0.2792	0.1910	0.1290	0.5841	0.4540
Pb-212	1.3093	0.9630	1.6109	1.4920	1.2480	1.0744	2.2252	1.3718
Pb-214	1.5549	1.3273	1.9555	2.0454	1.4778	1.1144	3.4516	2.3215
Pd-100	2.3123	1.7481	2.4131	2.5781	2.0602	1.9111	2.6880	2.0334
Pd-101	1.9626	1.6524	1.8518	2.0613	1.6780	1.4382	2.8559	2.1952
Pd-103	0.5762	0.4782	0.4256	0.4923	0.4372	0.4321	0.3725	0.4489
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.1551	0.8767	1.5642	1.1240	1.0879	0.7517	2.5923	1.4631
Pd-109	0.3368	0.2607	0.2728	0.3128	0.2732	0.2620	0.2956	0.2925
Pd-111	0.1164	0.0932	0.1307	0.1460	0.1122	0.0828	0.2864	0.1987
Pd-112	0.2331	0.2129	0.1913	0.1799	0.1713	0.1767	0.1456	0.1966
Pd-114	0.2146	0.1595	0.2691	0.2262	0.2037	0.1403	0.5388	0.2860
Pd-96	3.4840	2.7174	3.8972	4.3107	3.2499	2.2783	9.3521	6.3043
Pd-97	3.3513	2.6583	3.6935	4.1409	3.2245	2.4067	8.2797	5.5563
Pd-98	2.4908	1.9022	3.0116	2.9348	2.2186	1.6401	5.6565	3.2241
Pd-99	2.7801	2.1232	3.0735	3.0803	2.5737	1.7996	7.2807	4.1464
Pm-136	5.1572	4.1637	6.1149	7.1854	5.0099	3.4335	14.7896	10.8065
Pm-137m	4.9997	3.9198	5.9856	5.8981	4.7937	3.3495	11.8673	7.4136
Pm-139	0.8497	0.6655	0.9219	1.0375	0.8166	0.5529	2.0450	1.5110

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Pm-140m	5.4432	4.1529	6.1669	7.5815	5.3287	3.5688	16.2189	12.8614
Pm-140	0.3387	0.2715	0.3534	0.4327	0.3273	0.2301	0.8451	0.6394
Pm-141	0.6164	0.5108	0.5690	0.6697	0.5889	0.4236	1.1347	0.8691
Pm-142	0.2230	0.1912	0.1847	0.2219	0.2106	0.1579	0.3044	0.2352
Pm-143	1.2849	1.0777	1.2203	1.5482	1.2214	0.9085	2.5128	2.0112
Pm-144	4.8056	3.9507	5.1800	5.8338	4.5898	3.4292	11.4788	7.4829
Pm-145	0.6751	0.5877	0.5197	0.6090	0.6260	0.4813	0.6081	0.5829
Pm-146	2.5439	2.0250	2.8032	3.2756	2.4492	1.7135	6.3873	4.8376
Pm-147	0.0001	0.0000	0.0001	0.0001	0.0001	0.0000	0.0002	0.0001
Pm-148	0.9703	0.7780	1.0531	1.2441	0.9462	0.6681	2.5380	1.8231
Pm-148m	5.6069	4.5589	6.3601	6.9656	5.3897	3.9380	14.4110	9.4338
Pm-149	0.0648	0.0571	0.0782	0.0821	0.0620	0.0474	0.1381	0.0850
Pm-150	3.0385	2.5857	3.6286	4.2827	2.9700	1.9936	8.6733	6.1744
Pm-151	1.8747	1.5431	2.2915	2.2857	1.7897	1.2611	4.4506	2.7395
Pm-152m	4.6252	3.5704	5.3247	5.5709	4.4564	3.1872	11.4608	7.4339
Pm-152	0.7822	0.6031	0.8927	0.9675	0.7464	0.5043	2.1991	1.4386
Pm-153	0.9364	0.7148	1.0730	0.9673	0.8681	0.5849	2.1399	1.1437
Pm-154	2.4758	1.9486	2.7059	3.2243	2.4222	1.7248	7.2294	4.9116
Pm-154m	4.2220	3.3245	4.9082	5.1892	4.0930	2.9172	10.4710	6.9337
Po-203	3.9965	3.0502	4.6951	5.2829	3.8442	2.9513	9.7302	7.4765
Po-204	5.0954	3.9949	5.9871	6.4185	4.7582	3.9348	10.4018	7.8325
Po-205	3.8393	2.9482	4.4269	5.2779	3.6973	2.8764	9.4884	7.4490
Po-206	4.4804	3.6380	5.2373	5.7806	4.2030	3.3201	9.7384	7.4436
Po-207	3.5108	2.6814	4.0499	4.7250	3.3807	2.6092	8.6223	6.7841
Po-208	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	0.0001
Po-209	0.0345	0.0274	0.0378	0.0396	0.0296	0.0260	0.0610	0.0530
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0001
Po-211	0.0190	0.0152	0.0213	0.0254	0.0184	0.0132	0.0525	0.0391
Po-212m	0.0734	0.0609	0.0808	0.0864	0.0716	0.0527	0.2205	0.1142
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	0.0005
Po-215	0.0007	0.0005	0.0009	0.0009	0.0007	0.0004	0.0020	0.0015
Po-216	0.0000	0.0000	0.0000	0.0001	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	7.0033	5.5646	8.3140	9.0573	6.8010	4.6329	19.3853	13.4482
Pr-134m	3.1972	2.4133	3.6964	4.0765	3.1173	2.0515	9.4055	6.5757
Pr-135	1.9121	1.6234	2.0886	2.2012	1.8469	1.3604	3.5326	2.3923
Pr-136	3.4754	2.8467	3.7701	4.1054	3.3545	2.3974	8.4447	5.7158
Pr-137	0.6714	0.5766	0.5619	0.6777	0.6409	0.4548	0.9664	0.7989
Pr-138	0.2306	0.1984	0.1947	0.2480	0.2207	0.1590	0.3531	0.2987
Pr-138m	5.6389	4.7279	6.3697	7.8899	5.5088	3.8293	15.2320	11.8180
Pr-139	0.6147	0.5417	0.4505	0.5537	0.5831	0.4202	0.5792	0.5514

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Pr-140	0.3269	0.2893	0.2394	0.2943	0.3101	0.2235	0.3040	0.2899
Pr-142	0.0579	0.0476	0.0570	0.0713	0.0570	0.0414	0.1337	0.0871
Pr-142m	0.0083	0.0074	0.0076	0.0065	0.0047	0.0052	0.0075	0.0135
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0374	0.0305	0.0417	0.0495	0.0365	0.0269	0.1151	0.0683
Pr-144m	0.2859	0.2517	0.2166	0.2518	0.2561	0.1964	0.2585	0.2724
Pr-145	0.0462	0.0371	0.0498	0.0609	0.0449	0.0329	0.1174	0.0893
Pr-146	1.8166	1.4186	2.0539	2.3677	1.7725	1.2074	5.0626	3.6202
Pr-147	2.2723	1.9050	2.3777	2.6239	2.1710	1.6098	4.3068	3.0000
Pr-148	2.2699	1.9896	2.7107	3.0825	2.2085	1.5611	5.9673	3.9616
Pr-148m	3.4307	3.0033	4.1923	4.5845	3.3150	2.3444	8.6064	5.7046
Pt-184	5.4501	4.5204	6.8763	5.9049	5.0887	4.2454	10.3515	6.8852
Pt-186	2.9857	2.5305	3.6383	3.5211	2.8186	2.3952	6.0543	4.1967
Pt-187	3.3511	2.8302	4.3148	3.8756	3.1474	2.6613	6.3379	4.5534
Pt-188	2.2052	1.8527	2.9525	2.2916	2.0598	1.7469	3.8568	2.7584
Pt-189	3.0108	2.5754	3.7731	3.3820	2.8046	2.4753	5.2148	3.7543
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	2.5801	2.2185	3.2797	2.8266	2.4078	2.1531	4.1656	3.1590
Pt-193	0.1854	0.1677	0.1682	0.1457	0.1068	0.1180	0.1719	0.2855
Pt-193m	0.3596	0.3193	0.3897	0.3312	0.2688	0.2821	0.3595	0.4544
Pt-195m	1.4733	1.2579	1.8225	1.5579	1.2561	1.2122	1.9152	1.6610
Pt-197	0.4273	0.3354	0.4986	0.4677	0.3667	0.3533	0.5363	0.4918
Pt-197m	1.0536	0.9355	1.2567	1.1333	0.9062	0.8519	1.4592	1.3127
Pt-199	0.8131	0.6720	0.9874	0.9754	0.7763	0.5703	1.8679	1.2685
Pt-200	0.8075	0.6501	0.9711	0.8791	0.7237	0.6624	1.1967	0.9058
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pu-232	1.0613	0.7966	1.5637	1.3807	0.9119	0.6435	2.5873	1.2940
Pu-234	1.1929	0.9044	1.7301	1.5269	1.0167	0.7289	2.8315	1.4463
Pu-235	1.5730	1.2111	2.2136	1.9639	1.3306	0.9761	3.5765	1.9070
Pu-236	0.1134	0.1079	0.0998	0.0858	0.0779	0.0829	0.0876	0.1139
Pu-237	1.0503	0.8385	1.4055	1.2319	0.8661	0.6748	2.1391	1.2284
Pu-238	0.1045	0.0996	0.0920	0.0790	0.0717	0.0764	0.0806	0.1050
Pu-239	0.0566	0.0531	0.0505	0.0434	0.0376	0.0401	0.0463	0.0647
Pu-240	0.0983	0.0937	0.0865	0.0743	0.0675	0.0719	0.0759	0.0988
Pu-241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000
Pu-242	0.0844	0.0804	0.0743	0.0638	0.0580	0.0617	0.0652	0.0848
Pu-243	0.4118	0.3061	0.5024	0.5127	0.3708	0.3381	0.5954	0.4249
Pu-244	0.1037	0.0936	0.1007	0.0960	0.0810	0.0742	0.1485	0.1321
Pu-245	1.7482	1.4816	2.2397	2.3410	1.6349	1.1290	4.5700	2.9330
Pu-246	1.9039	1.4756	2.4223	2.0509	1.6962	1.2535	3.9388	2.2195
Ra-219	1.0930	1.0423	1.4646	1.5534	1.0358	0.7637	2.4374	1.5091
Ra-220	0.0178	0.0137	0.0210	0.0218	0.0171	0.0114	0.0455	0.0337
Ra-221	0.5913	0.4651	0.6899	0.6153	0.4994	0.3979	1.2053	0.6882

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Ra-222	0.0511	0.0512	0.0686	0.0740	0.0491	0.0335	0.1261	0.0794
Ra-223	1.4431	1.1082	1.8235	1.8045	1.3210	1.0774	2.8361	1.7006
Ra-224	0.0801	0.0577	0.0967	0.0850	0.0768	0.0634	0.1484	0.0832
Ra-225	0.3677	0.3312	0.2924	0.3127	0.3100	0.2665	0.3180	0.3173
Ra-226	1.4063	1.4284	1.4546	1.3961	1.3874	1.4135	1.4424	1.3572
Ra-227	1.3285	1.1502	1.4758	1.4482	1.1349	0.9415	2.2705	1.6832
Ra-228	1.3916	1.4150	1.4320	1.4066	1.3739	1.3923	1.3859	1.3818
Ra-230	0.7248	0.5703	0.9596	0.8588	0.6620	0.5265	1.4448	0.9201
Rb-77	2.0496	1.6562	2.5433	2.4036	1.9968	1.5464	4.7736	3.1291
Rb-78m	4.1713	3.2720	4.7976	5.4140	4.0508	2.8000	11.9696	8.0236
Rb-78	3.1168	2.5127	3.4908	3.9313	3.0404	2.1461	9.0827	5.7661
Rb-79	2.6832	2.1089	3.1658	3.0094	2.4995	1.7172	7.1892	4.0579
Rb-80	0.4972	0.4099	0.5508	0.5905	0.4723	0.3640	1.2470	0.7037
Rb-81	1.0020	0.8252	1.1105	1.1545	0.8870	0.6577	2.2681	1.7236
Rb-81m	0.3665	0.3385	0.3693	0.3463	0.2710	0.2693	0.4502	0.3498
Rb-82	0.2800	0.2258	0.3227	0.4409	0.2693	0.1959	0.8611	0.6925
Rb-82m	5.7766	4.6529	6.4527	7.8061	5.5344	4.0115	15.9178	11.7145
Rb-83	1.9152	1.6325	2.0919	2.1230	1.7230	1.3173	3.9843	2.8446
Rb-84	1.4020	1.1407	1.5294	1.9808	1.3017	0.9551	3.9782	3.3377
Rb-84m	2.3116	1.7269	2.7902	2.4946	2.2086	1.7041	4.7867	2.9883
Rb-86m	1.6826	1.3901	1.8959	1.9646	1.6086	1.1817	3.9678	2.5497
Rb-86	0.1461	0.1104	0.1566	0.1971	0.1449	0.0949	0.4478	0.3670
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rb-88	0.6314	0.5108	0.6896	0.8447	0.6237	0.4422	2.0601	1.2880
Rb-89	2.7783	2.1479	3.0127	3.6859	2.7470	1.8540	8.6823	6.2553
Rb-90	1.4544	1.1821	1.6055	2.0975	1.4426	1.0299	4.6049	3.2805
Rb-90m	3.3472	2.6832	3.7314	4.8853	3.3082	2.3309	10.6069	7.7297
Re-178	3.1902	2.5563	3.9052	3.7280	3.0311	2.3861	7.0644	4.7181
Re-179	4.1547	3.4543	5.0727	4.9507	3.9658	2.9972	9.2578	6.5390
Re-180	3.2368	2.6385	3.9303	4.2488	3.0774	2.3709	7.9464	6.3371
Re-181	3.8661	3.2921	4.7914	4.6872	3.6655	2.8141	8.5583	6.3420
Re-182	7.4530	6.0282	9.2745	8.4712	7.0948	5.4794	16.0255	10.7721
Re-182m	3.5575	2.9078	4.3321	4.2266	3.4024	2.7176	7.5817	5.7173
Re-183	2.2661	1.9475	2.7821	2.2371	2.0524	1.7881	3.5751	2.4967
Re-184	2.8858	2.3754	3.4929	3.8065	2.7482	2.1561	6.9747	5.5934
Re-184m	2.4551	2.0365	3.1070	2.7750	2.2616	1.8485	4.8327	3.4353
Re-186	0.2815	0.2284	0.3410	0.2707	0.2550	0.1969	0.6124	0.3376
Re-186m	0.6880	0.6200	0.7020	0.5867	0.4862	0.4914	0.6945	0.9318
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	0.3970	0.3066	0.4533	0.4052	0.3666	0.2600	1.0318	0.5073
Re-188m	1.2912	1.1439	1.6822	1.3245	1.1335	1.0673	1.7762	1.4372
Re-189	0.4596	0.3576	0.5988	0.4699	0.4329	0.3348	0.9363	0.5737
Re-190	4.9691	3.8978	6.2211	6.0749	4.8080	3.3467	13.0869	8.6622

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Re-190m	3.9323	3.1785	4.8794	4.6665	3.7480	2.7052	9.6562	6.4197
Rh-100m	0.9257	0.7637	0.7477	0.8540	0.7512	0.7071	0.7724	0.7927
Rh-100	4.4450	3.6220	4.7486	5.3697	4.2099	3.0993	11.2890	7.5698
Rh-101	3.1327	2.4583	4.0550	3.1030	2.8770	1.9659	7.2901	4.0976
Rh-101m	2.0816	1.9905	2.4204	2.5686	1.8836	1.4589	3.9076	2.5832
Rh-102	1.4293	1.1574	1.5157	1.6009	1.3025	0.9761	2.9455	2.2610
Rh-102m	5.9205	4.7299	6.5214	7.4208	5.6090	4.0841	15.0533	10.9288
Rh-103m	0.0741	0.0623	0.0568	0.0624	0.0539	0.0541	0.0511	0.0682
Rh-104	0.0389	0.0321	0.0429	0.0450	0.0367	0.0273	0.0885	0.0588
Rh-104m	1.0085	0.8242	0.9213	0.9464	0.8709	0.7735	0.9616	0.8683
Rh-105	0.4277	0.4404	0.5734	0.6198	0.4120	0.2828	1.0377	0.6363
Rh-106	0.5839	0.4790	0.6568	0.6921	0.5607	0.4061	1.4084	0.9409
Rh-106m	6.3029	4.9734	7.1796	8.3439	6.1366	4.2607	17.3341	12.8160
Rh-107	1.6709	1.5678	2.1549	2.2931	1.6109	1.1324	4.0429	2.5212
Rh-108	1.1214	0.8536	1.3233	1.4005	1.0822	0.7243	3.0685	2.1647
Rh-109	1.7858	1.5943	2.2958	2.3300	1.7075	1.1850	4.3313	2.6608
Rh-94	3.8740	3.0876	4.2514	5.2816	3.8040	2.6196	11.0231	8.0194
Rh-95	2.6598	2.0892	2.8477	3.5445	2.5856	1.8169	7.6035	5.7727
Rh-95m	1.6853	1.3924	1.8787	2.0289	1.6101	1.1825	4.0421	2.7321
Rh-96	6.4371	5.1812	7.1888	8.8630	6.2135	4.5745	18.3558	12.8516
Rh-96m	1.5386	1.2311	1.6251	2.1042	1.4576	1.0780	4.2205	3.2364
Rh-97	2.3521	1.7800	2.7001	3.0572	2.2417	1.5138	6.5496	4.9675
Rh-97m	3.4814	2.7722	4.0233	4.0152	3.3066	2.3785	9.1264	5.6900
Rh-98	1.9374	1.5870	2.1316	2.4002	1.8473	1.4153	5.1126	3.0247
Rh-99	2.8888	2.3987	3.2949	3.4503	2.6134	2.0187	5.7257	4.0136
Rh-99m	2.4615	2.1740	2.8250	3.0994	2.2635	1.6660	5.4699	3.8621
Rn-207	3.2700	2.6397	4.0123	4.4694	3.1172	2.3322	8.0342	5.6217
Rn-209	3.6156	2.7563	4.3777	4.9073	3.4563	2.5535	9.2369	6.6494
Rn-210	0.2477	0.1932	0.2966	0.3149	0.2327	0.1826	0.5500	0.3960
Rn-211	4.6149	3.5534	5.2853	6.0557	4.4143	3.2939	11.7215	8.4019
Rn-212	0.0008	0.0007	0.0009	0.0011	0.0008	0.0006	0.0023	0.0015
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	0.0018	0.0024	0.0025	0.0020	0.0016	0.0053	0.0029
Rn-219	0.3401	0.2597	0.4099	0.4211	0.3272	0.2430	0.7923	0.5220
Rn-220	1.5128	1.5332	1.5252	1.5332	1.4863	1.4938	1.5434	1.4699
Rn-222	0.0013	0.0011	0.0015	0.0015	0.0013	0.0009	0.0030	0.0022
Rn-223	1.5695	1.2536	1.8385	1.8417	1.4036	1.1012	3.4457	2.3039
Ru-103	1.6998	1.3948	1.9461	1.9928	1.6332	1.1450	3.8952	2.8251
Ru-105	2.3057	1.8852	2.6702	3.0575	2.2048	1.5891	6.1434	4.2353
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	0.9335	0.7238	1.1573	1.1920	0.9118	0.6172	2.5869	1.8254



<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Ru-108	0.6857	0.5032	0.8008	0.6764	0.6325	0.4231	1.8243	0.7820
Ru-92	6.8319	5.3164	7.9682	7.1653	6.3794	4.8521	14.3821	8.8030
Ru-94	2.3412	1.9555	2.6710	2.9457	2.1484	1.5439	5.5969	4.3383
Ru-95	3.1993	2.8045	3.6683	4.1079	2.9980	2.1726	7.7555	5.5137
Ru-97	2.2733	1.8351	2.9186	2.2717	2.0961	1.6151	4.2153	2.7235
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	1.3594	1.1679	1.4537	1.7328	1.3591	1.0247	4.2365	2.3659
S-38	1.2972	1.0763	1.4443	1.6074	1.2805	0.9258	4.8365	2.2372
Sb-111	2.5579	1.9347	2.8389	2.8657	2.4137	1.6269	6.8539	4.0037
Sb-113	2.0917	1.7284	2.3305	2.4869	1.9916	1.4290	4.6092	3.4114
Sb-114	2.6622	2.0553	2.8688	3.6217	2.6114	1.7593	7.6571	5.7715
Sb-115	2.1681	1.7482	2.2828	2.4103	2.0403	1.5053	4.3552	3.3343
Sb-116	2.3859	1.8139	2.4674	3.1169	2.3217	1.6025	6.7071	5.0302
Sb-116m	6.7424	5.0627	7.4434	8.5848	6.4712	4.4150	18.1731	13.4365
Sb-117	2.0940	1.5335	2.0239	1.9288	1.8916	1.3773	4.6950	2.1962
Sb-118	0.2331	0.1761	0.1835	0.2319	0.2075	0.1762	0.3286	0.3002
Sb-118m	6.4244	4.7878	6.4587	7.5806	6.1647	4.6260	14.4773	11.1112
Sb-119	0.7619	0.5783	0.5062	0.6319	0.6366	0.6080	0.5616	0.6624
Sb-120	0.3950	0.2979	0.2723	0.3453	0.3397	0.3119	0.3650	0.3867
Sb-120m	6.5996	4.8781	8.0071	8.1993	6.4113	4.4688	16.8102	12.2945
Sb-122m	1.3395	1.1303	1.3810	1.2835	1.2657	1.1970	1.2580	1.1380
Sb-122	1.3142	1.0807	1.4699	1.5493	1.2565	0.9295	3.1450	2.0036
Sb-124	3.1064	2.5472	3.3852	3.8028	2.9993	2.2349	8.1723	4.8467
Sb-124m	1.3025	1.0733	1.4572	1.5370	1.2368	0.9254	3.1446	1.9735
Sb-124n	0.0290	0.0260	0.0264	0.0226	0.0165	0.0183	0.0262	0.0472
Sb-125	1.9364	1.5164	2.0678	2.1912	1.8366	1.3182	4.3715	2.9951
Sb-126	7.2930	5.7686	8.4070	9.8093	7.0460	5.0699	20.6899	14.1896
Sb-126m	4.4304	3.4452	5.1420	5.8466	4.2733	3.0222	12.6067	8.5680
Sb-127	2.0500	1.6284	2.3530	2.6828	1.9794	1.4404	5.4034	3.7807
Sb-128	7.9305	6.6646	9.3144	11.1840	7.6799	5.5565	22.0971	15.4882
Sb-128m	5.0776	4.4410	6.1707	7.6793	4.9356	3.5209	14.5609	10.5631
Sb-129	2.7202	2.1618	3.0821	3.8570	2.6651	1.8654	8.0881	6.1168
Sb-130m	5.7422	4.4916	6.7441	8.4415	5.6390	3.8799	17.7149	13.7906
Sb-130	8.2788	6.7755	10.0379	11.8562	8.0845	5.5703	24.1705	17.7509
Sb-131	3.3982	2.7021	3.7664	4.5649	3.3272	2.3313	10.0879	7.1694
Sb-133	3.5475	2.7875	3.8904	4.8058	3.4981	2.3955	10.7401	7.7049
Sc-42m	4.9884	3.7941	5.5028	6.5265	4.8982	3.2293	13.8772	10.2908
Sc-43	0.4030	0.3211	0.5138	0.5521	0.3889	0.2431	1.1820	0.8499
Sc-44	1.6879	1.2618	1.8199	2.3090	1.6727	1.0807	5.1485	4.1288
Sc-44m	1.5838	1.2802	1.8597	1.8731	1.5269	1.2204	3.1683	1.8320
Sc-46	3.3394	2.5538	3.6766	4.8146	3.3064	2.2068	10.4502	8.6090
Sc-47	1.1060	0.7982	1.2498	1.0633	1.0295	0.6493	3.2811	1.2561
Sc-48	5.1608	3.9097	5.5599	6.9502	5.1115	3.3591	15.6090	12.5252

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Sc-49	0.0009	0.0008	0.0010	0.0011	0.0009	0.0007	0.0027	0.0015
Sc-50	4.8023	3.8226	5.1255	6.0516	4.7037	3.2594	12.4624	9.1107
Se-70	2.1448	1.7218	2.3933	2.2933	1.8504	1.4020	4.3041	3.4310
Se-71	1.6935	1.2744	1.9141	2.0567	1.6146	1.0515	5.1492	3.1492
Se-72	0.9898	0.8606	0.8919	0.8524	0.7563	0.6841	0.9879	1.1905
Se-73	2.5834	2.2310	3.3309	3.3044	2.4680	1.8618	5.8853	4.2930
Se-73m	0.3198	0.2599	0.3639	0.3617	0.2776	0.2281	0.6283	0.4915
Se-75	3.3323	2.5927	3.9176	3.5904	3.0121	2.2221	7.7074	4.3593
Se-77m	1.0263	0.7760	1.1527	0.9650	0.9053	0.6161	2.6956	1.2184
Se-79m	0.4083	0.3458	0.4701	0.4267	0.2860	0.2631	0.6250	0.5336
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0328	0.0279	0.0393	0.0423	0.0317	0.0239	0.0759	0.0485
Se-81m	0.4670	0.3868	0.5744	0.5108	0.3383	0.2860	0.8473	0.6202
Se-83m	1.6677	1.3345	1.8818	2.2276	1.6366	1.1172	5.0589	3.6162
Se-83	5.6274	4.5372	6.6935	7.4508	5.4930	3.7882	15.7586	10.9559
Se-84	1.8084	1.2655	2.2340	2.3852	1.7589	1.0675	5.5709	4.1672
Si-31	0.0011	0.0008	0.0012	0.0016	0.0011	0.0007	0.0035	0.0027
Si-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-139	2.6417	2.2558	3.0646	3.3212	2.5443	1.8747	6.0817	3.9751
Sm-140	1.5385	1.2465	1.5965	1.6916	1.4617	1.0529	3.0328	2.1082
Sm-141	2.3704	1.7962	2.6667	2.9804	2.2952	1.5059	6.3854	4.7273
Sm-141m	4.6727	3.6532	5.6668	5.6931	4.5541	3.1099	12.0474	8.5394
Sm-142	0.6343	0.5484	0.4874	0.5731	0.5841	0.4513	0.5943	0.5546
Sm-143	0.4380	0.3729	0.3554	0.4215	0.4077	0.3091	0.5312	0.4648
Sm-143m	1.5433	1.2405	1.7710	2.3752	1.5027	1.0936	4.6559	3.6127
Sm-145	1.3077	1.1439	1.0667	1.1800	1.2143	0.9621	1.2070	1.1097
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	0.0010	0.0008	0.0008	0.0008	0.0006	0.0006	0.0008	0.0013
Sm-153	1.0356	0.8034	1.2684	1.2266	0.9568	0.6914	1.9286	1.0948
Sm-155	1.3180	0.9242	2.0487	1.8394	1.2194	0.7713	3.6611	1.6389
Sm-156	1.2185	0.9160	1.6281	1.3708	1.1526	0.8531	2.5712	1.4617
Sm-157	2.2101	1.6945	3.0844	2.4233	2.1662	1.4364	5.4221	3.4367
Sn-106	3.8535	2.9234	4.2672	4.6521	3.6535	2.6689	9.1208	6.5932
Sn-108	3.7708	2.8306	4.2770	4.4474	3.5408	2.5844	8.8367	5.8587
Sn-109	3.4137	2.6949	3.5229	4.2470	3.2731	2.3590	8.8473	6.4144
Sn-110	2.3002	1.9434	2.4780	2.6296	2.1361	1.7459	3.9658	2.5440
Sn-111	0.6500	0.5019	0.5287	0.6509	0.5734	0.4939	0.9830	0.8133
Sn-113	0.6417	0.4871	0.4445	0.5433	0.5374	0.5138	0.5011	0.5426
Sn-113m	0.4324	0.3273	0.2888	0.3615	0.3645	0.3465	0.3215	0.3747
Sn-117m	1.9981	1.4603	1.9749	1.8448	1.8096	1.2923	4.6821	2.1047
Sn-119m	0.5073	0.3863	0.3418	0.4195	0.4165	0.4033	0.3740	0.4525

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.1584	0.1268	0.1095	0.1327	0.1345	0.1195	0.1244	0.1474
Sn-123	0.0108	0.0081	0.0115	0.0145	0.0107	0.0070	0.0329	0.0269
Sn-123m	1.4806	1.0750	1.6480	1.4147	1.3752	0.8880	4.1776	1.6685
Sn-125m	1.7430	1.7020	2.3112	2.5081	1.6835	1.1210	4.4926	2.8973
Sn-125	0.5504	0.4302	0.6138	0.7735	0.5434	0.3654	1.7076	1.3344
Sn-126	0.9608	0.7002	1.1621	1.1831	0.8935	0.7768	1.4462	0.9507
Sn-127m	1.6904	1.3682	1.9317	2.0155	1.6309	1.1242	3.9920	2.9404
Sn-127	3.4709	2.6986	3.9170	4.6280	3.4012	2.3272	10.0970	7.4768
Sn-128	3.4207	2.6814	3.3710	3.7016	3.2056	2.5094	6.0381	4.5871
Sn-129	2.1778	1.7630	2.4166	2.7567	2.0976	1.5624	5.8583	3.6612
Sn-130	3.9744	3.0926	4.9825	4.9030	3.8656	2.8390	9.6102	6.7477
Sn-130m	2.4014	1.8842	2.6384	3.0201	2.3010	1.6758	6.0886	4.1780
Sr-79	1.4800	1.2060	1.8234	1.7401	1.3574	0.9552	3.3951	1.9202
Sr-80	1.5079	1.2717	1.6824	1.6281	1.3479	1.0505	3.2730	2.0320
Sr-81	2.4038	1.8174	2.8379	2.6415	2.2666	1.4961	6.7068	3.6639
Sr-82	0.3655	0.3631	0.3306	0.2933	0.2448	0.2626	0.3614	0.3175
Sr-83	1.7824	1.4924	1.9655	2.2603	1.5883	1.2076	4.4059	3.3881
Sr-85	2.0114	1.7232	2.2061	2.2119	1.8237	1.3814	4.1015	2.9878
Sr-85m	1.7501	1.2835	2.2090	1.7814	1.6765	1.2851	3.6672	1.9743
Sr-87m	1.5262	1.1283	1.8965	2.0201	1.4637	0.9098	4.5668	3.3840
Sr-89	0.0002	0.0001	0.0002	0.0002	0.0002	0.0001	0.0005	0.0004
Sr-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sr-91	1.3716	1.0779	1.5191	1.8973	1.3435	0.9446	4.0636	3.1050
Sr-92	1.6786	1.2844	1.7821	2.2265	1.6577	1.1133	4.6382	3.4356
Sr-93	4.4230	3.5333	4.9680	5.6878	4.2766	3.0607	12.3143	8.2791
Sr-94	1.6704	1.3079	1.7436	2.2053	1.6472	1.1312	4.4963	3.2288
Ta-170	1.5484	1.2301	2.0228	1.8909	1.4513	1.1026	3.4700	2.4254
Ta-172	3.7895	3.0133	4.6914	4.5588	3.6457	2.6916	8.8503	6.3942
Ta-173	2.4375	2.0457	2.8977	2.5737	2.2732	1.8777	4.4069	3.1905
Ta-174	2.7758	2.2306	3.6892	3.0422	2.6528	2.0207	5.7889	3.9684
Ta-175	3.7353	3.0866	4.4858	4.2415	3.5736	2.7728	7.8421	5.4977
Ta-176	3.8312	3.1189	4.3443	4.5837	3.6845	2.7868	9.0781	6.4129
Ta-177	1.0198	0.8959	1.2530	0.9997	0.9447	0.8368	1.3779	1.0874
Ta-178	1.0601	0.9288	1.2875	1.0682	0.9798	0.8779	1.3929	1.1664
Ta-178m	7.8193	6.5045	10.4645	9.7669	7.5035	5.4538	17.6739	11.7948
Ta-179	0.4979	0.4499	0.5761	0.4565	0.4392	0.4143	0.5324	0.5360
Ta-180	0.8428	0.7458	1.0326	0.8292	0.7751	0.7068	1.0255	0.8690
Ta-182	3.3009	2.5773	4.0047	4.0786	3.1882	2.3742	7.9506	5.8073
Ta-182m	3.1725	2.5865	3.9232	3.0820	2.8967	2.2022	6.6888	3.8315
Ta-183	3.0115	2.4793	3.7619	3.2454	2.7750	2.2666	5.5886	3.5601
Ta-184	6.0815	4.7235	7.3930	7.7012	5.8223	4.1579	15.5729	11.1083
Ta-185	1.6630	1.3421	2.1119	1.6378	1.5252	1.1895	3.3927	2.0249

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Ta-186	5.7258	4.5648	7.3818	6.8541	5.5246	3.9138	14.4109	9.3193
Tb-146	3.4311	2.7412	3.5178	4.3121	3.3694	2.3687	8.7298	6.2759
Tb-147m	2.1289	1.6978	2.1345	2.5948	2.0689	1.4650	5.1144	3.6406
Tb-147	3.9660	3.0879	4.2691	4.8992	3.8259	2.6312	10.6225	7.4458
Tb-148m	7.5369	5.8727	8.6192	10.3885	7.3029	5.0984	21.6540	16.0777
Tb-148	3.1505	2.5346	3.4880	4.3948	3.0666	2.1995	8.9856	6.6674
Tb-149m	3.0159	2.4293	3.3271	4.2649	2.9084	2.1344	8.1180	6.2544
Tb-149	3.5970	2.8832	4.0605	4.5027	3.4576	2.3953	9.3723	6.4230
Tb-150m	7.6286	6.1917	8.6067	9.4236	7.3026	5.3092	19.1724	12.6399
Tb-150	3.6071	2.9574	3.8343	4.3271	3.4684	2.5831	9.0564	5.6667
Tb-151	4.6471	3.6782	5.3108	5.4261	4.4212	3.2174	10.2445	6.6967
Tb-151m	0.6756	0.5594	0.6816	0.6927	0.5648	0.4600	1.0685	1.0385
Tb-152m	4.1355	3.4222	4.6997	4.8377	3.9332	2.8800	8.8120	5.8883
Tb-152	3.2531	2.7671	3.7066	4.1565	3.1338	2.2063	8.0503	5.5222
Tb-153	2.5051	1.9772	2.9292	2.7202	2.3667	1.7373	4.8146	3.1989
Tb-154	3.5719	2.8493	3.8057	4.2549	3.4325	2.4349	9.5820	6.0824
Tb-155	2.3116	1.7771	2.7216	2.6174	2.1577	1.6120	4.2750	2.5387
Tb-156	5.4946	4.3510	6.3449	6.5569	5.2992	3.7221	12.9035	9.2253
Tb-156m	0.6215	0.5005	0.6125	0.5926	0.6039	0.4700	0.7195	0.6010
Tb-156n	0.1486	0.1268	0.1426	0.1332	0.1081	0.1011	0.1578	0.1993
Tb-157	0.1657	0.1435	0.1452	0.1415	0.1267	0.1137	0.1582	0.2034
Tb-158	2.4854	1.9522	2.6531	3.0726	2.3786	1.7351	5.7134	4.6283
Tb-160	2.6927	2.1512	3.1444	3.6533	2.6242	1.8371	7.2279	5.5502
Tb-161	0.7629	0.6128	0.7039	0.7205	0.6758	0.6015	0.7568	0.7627
Tb-162	3.6167	2.7806	4.1924	4.7422	3.5127	2.6633	8.9635	6.4859
Tb-163	3.3264	2.7006	4.0454	4.2621	3.2079	2.1656	8.6640	6.0486
Tb-164	6.0177	4.7751	7.0247	7.6498	5.8159	4.1754	16.0456	10.6879
Tb-165	1.3595	1.0600	1.4957	1.7207	1.3180	0.9025	3.6188	2.6563
Tc-101	1.8047	1.7589	2.3487	2.4758	1.7363	1.2250	4.2722	2.5685
Tc-102m	4.2549	3.3873	4.7538	5.2856	4.1360	2.8947	11.7616	7.7893
Tc-102	0.2005	0.1582	0.2299	0.2514	0.1944	0.1330	0.5337	0.3857
Tc-104	4.0437	3.3610	4.7750	5.3616	3.9393	2.6813	11.4966	7.6229
Tc-105	2.8815	2.2989	3.4636	3.4934	2.7323	1.9200	7.4443	4.3562
Tc-91	1.4567	1.1918	1.5590	1.8599	1.4269	1.0263	4.2927	2.6505
Tc-91m	1.1362	0.9302	1.2741	1.3570	1.0931	0.7685	2.6655	1.9628
Tc-92	6.3472	5.2442	7.3589	8.4396	6.1122	4.2752	17.1820	11.1787
Tc-93	2.1379	1.7467	2.1271	2.5204	1.9858	1.4831	4.7262	3.6274
Tc-93m	1.7069	1.3149	1.9700	2.1245	1.6186	1.0991	4.8884	3.4004
Tc-94	5.6921	4.5904	6.3421	8.1784	5.4531	3.9998	16.2971	13.0128
Tc-94m	2.0685	1.6555	2.2791	2.9835	2.0014	1.4323	6.1865	4.9794
Tc-95	2.2136	1.8496	2.4009	3.0310	2.0312	1.5932	5.5475	4.6069
Tc-95m	2.8904	2.3482	3.6183	3.2835	2.7028	2.0163	6.5483	4.6898
Tc-96	5.5256	4.4631	6.2512	8.4169	5.3016	3.8565	16.3400	13.6600

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Tc-96m	0.3699	0.3270	0.3266	0.3408	0.2922	0.2752	0.4169	0.4282
Tc-97	0.5406	0.5129	0.4596	0.3946	0.3984	0.4179	0.3271	0.4529
Tc-97m	0.4192	0.3799	0.3447	0.3281	0.3117	0.3190	0.2688	0.3457
Tc-98	3.3655	2.7337	3.8245	4.6696	3.2463	2.4362	9.5550	6.4432
Tc-99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Tc-99m	1.4452	1.0530	1.6786	1.3853	1.3249	0.8168	4.2865	1.8213
Te-113	1.8183	1.4227	1.9804	2.4650	1.7836	1.2408	5.4789	3.9266
Te-114	2.9091	2.2751	2.9955	3.4295	2.7520	2.0902	6.3639	4.5278
Te-115	2.8086	2.1865	3.0468	3.6169	2.7305	1.9410	7.4166	5.3623
Te-115m	3.1708	2.5068	3.3919	4.2451	3.0850	2.1959	8.9337	6.4796
Te-116	1.5286	1.1418	1.5201	1.6532	1.3750	1.1243	2.2288	1.5495
Te-117	2.3394	1.8719	2.4008	2.9931	2.2383	1.6854	6.0415	4.2693
Te-118	0.6000	0.4682	0.3970	0.5031	0.5226	0.4655	0.4563	0.5168
Te-119	2.3243	1.8817	2.3080	2.6346	2.1724	1.7319	4.9814	3.1329
Te-119m	4.0360	3.0469	4.2072	4.6688	3.8417	2.6805	10.3512	6.7642
Te-121	2.3230	1.8886	2.3276	2.5107	2.1696	1.6815	4.5085	3.1002
Te-121m	1.8923	1.4343	2.4537	1.8726	1.8233	1.3236	3.7105	2.3755
Te-123	0.0262	0.0233	0.0235	0.0204	0.0152	0.0166	0.0235	0.0418
Te-123m	1.7742	1.3165	1.8106	1.6571	1.6306	1.1061	4.3684	1.9108
Te-125m	1.0158	0.8242	0.6870	0.8641	0.9098	0.7554	0.8097	0.8880
Te-127	0.0226	0.0166	0.0280	0.0288	0.0220	0.0139	0.0644	0.0473
Te-127m	0.3260	0.2651	0.2253	0.2764	0.2875	0.2428	0.2605	0.2949
Te-129	0.3622	0.2876	0.3514	0.3844	0.3305	0.2501	0.6486	0.5383
Te-129m	0.3056	0.2474	0.2409	0.2978	0.2758	0.2255	0.3887	0.3481
Te-131	2.0049	1.5019	2.2444	2.1753	1.8942	1.2292	5.6114	3.0534
Te-131m	3.5217	2.7676	4.1435	4.9630	3.4302	2.4061	10.0155	7.4262
Te-132	2.2966	1.7397	2.6390	2.2721	2.2113	1.6880	3.9515	2.4841
Te-133	2.8703	2.4834	3.4913	3.9919	2.7958	1.8939	8.0271	5.5266
Te-133m	4.0923	3.2591	4.6448	5.5086	3.9861	2.8041	11.4783	8.3770
Te-134	3.5465	2.7598	4.3240	4.4084	3.4485	2.4982	8.6111	5.8885
Th-223	1.1704	0.8835	1.5563	1.4498	1.0214	0.8196	2.3805	1.3413
Th-224	0.2251	0.1711	0.2946	0.2343	0.2083	0.1444	0.5526	0.2927
Th-226	0.1519	0.1243	0.1854	0.1575	0.1242	0.1013	0.2858	0.1788
Th-227	1.4471	1.2285	1.6657	1.5195	1.2450	1.0630	2.3510	1.6552
Th-228	0.1092	0.0994	0.1099	0.0941	0.0798	0.0802	0.1174	0.1184
Th-229	1.7630	1.4189	2.1874	1.9472	1.4634	1.2466	3.0225	2.0209
Th-230	1.0845	1.1092	1.0638	1.0881	1.0745	1.1073	1.0531	1.0155
Th-231	0.9162	0.8136	0.8676	0.7979	0.6783	0.6833	0.8957	0.9419
Th-232	1.2699	1.2990	1.2964	1.2861	1.2547	1.2790	1.3791	1.2381
Th-233	0.3253	0.2675	0.3653	0.3503	0.2696	0.2246	0.5715	0.4446
Th-234	0.2145	0.1846	0.2717	0.2317	0.1805	0.1653	0.3171	0.2230
Th-235	0.1743	0.1350	0.2119	0.2360	0.1663	0.1163	0.4868	0.3400
Th-236	0.2753	0.2190	0.3587	0.3261	0.2424	0.1773	0.6436	0.3742

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Ti-44	1.8796	1.4265	2.4285	2.3771	1.9126	1.9184	2.0317	1.6029
Ti-45	0.0140	0.0120	0.0138	0.0141	0.0102	0.0092	0.0231	0.0250
Ti-51	1.7537	1.7826	2.3390	2.5646	1.6949	1.1479	4.4296	2.8127
Ti-52	1.6893	1.2599	2.0653	1.6467	1.5122	0.9405	4.8286	2.3097
Tl-190	2.4249	1.8147	2.9038	3.0894	2.3363	1.6481	6.3661	4.6979
Tl-190m	6.3416	5.0099	7.4837	8.2105	6.1067	4.4563	16.5620	11.5277
Tl-194	2.4583	1.8824	2.9447	3.0458	2.3510	1.7732	5.8169	4.2593
Tl-194m	7.9791	6.2955	9.5010	10.2380	7.6240	5.7352	19.9765	13.7204
Tl-195	3.0556	2.4748	3.5013	3.7165	2.8645	2.3654	6.4517	4.7256
Tl-196	4.0043	3.1178	4.6802	5.0273	3.8596	2.8750	10.0809	7.0235
Tl-197	2.2104	1.7566	2.6520	2.6602	2.0851	1.7719	4.1654	3.0749
Tl-198	4.3701	3.3652	5.1110	5.5409	4.2189	3.1231	11.2509	7.9190
Tl-198m	5.1536	4.1065	6.0702	6.1929	4.8671	3.7994	11.5455	7.7387
Tl-199	2.0938	1.6544	2.6038	2.4001	1.9722	1.7222	3.5075	2.5661
Tl-200	4.0341	3.2308	4.8630	5.3213	3.8844	2.8732	9.8722	7.3524
Tl-201	1.4507	1.1662	1.7655	1.6053	1.3237	1.2621	1.9536	1.4969
Tl-202	2.5926	1.9882	3.1546	3.1734	2.4692	1.9089	5.6109	4.3361
Tl-204	0.0219	0.0179	0.0266	0.0246	0.0198	0.0200	0.0238	0.0222
Tl-206m	8.4270	6.5248	10.0765	10.2631	8.1597	5.9904	20.5854	14.1831
Tl-206	0.0011	0.0009	0.0014	0.0014	0.0010	0.0010	0.0015	0.0013
Tl-207	0.0044	0.0035	0.0050	0.0067	0.0044	0.0030	0.0140	0.0117
Tl-208	3.7970	3.1296	4.2302	4.5716	3.6919	2.7360	10.8430	6.0591
Tl-209	4.7675	3.6705	5.6328	5.8147	4.5694	3.1137	12.2301	7.6198
Tl-210	5.2594	4.3668	6.1845	7.5292	5.1008	3.6416	15.0070	10.7914
Tm-161	4.3778	3.5129	4.8611	4.7070	4.1479	3.1408	8.4343	5.5916
Tm-162	2.7218	2.1521	3.1136	3.4196	2.6172	1.8929	6.9487	4.7151
Tm-163	4.0007	3.1849	4.5210	4.6756	3.8317	2.8623	8.3163	5.9215
Tm-164	1.0021	0.8059	1.0978	1.1360	0.9479	0.7272	1.9427	1.4333
Tm-165	3.2223	2.6034	3.6569	3.6178	3.0734	2.3697	6.1184	4.3432
Tm-166	4.1105	3.2678	4.6349	5.0936	3.9569	2.9132	10.3596	7.1891
Tm-167	1.7539	1.4099	2.1596	1.6968	1.6532	1.2662	2.8638	2.0929
Tm-168	4.7492	3.7281	5.9055	5.9458	4.5819	3.2891	11.7110	8.5682
Tm-170	0.0753	0.0595	0.0883	0.0832	0.0665	0.0602	0.0971	0.0848
Tm-171	0.0113	0.0099	0.0127	0.0107	0.0104	0.0093	0.0124	0.0117
Tm-172	0.8250	0.6490	0.8875	1.0056	0.7877	0.5890	1.8682	1.4224
Tm-173	1.7889	1.2558	2.2081	2.3350	1.7358	1.0712	5.3925	4.0590
Tm-174	6.7849	5.4017	8.1588	8.3291	6.5468	4.5899	17.2591	11.8067
Tm-175	2.9204	2.3570	3.3354	3.7154	2.8253	1.9811	7.4964	5.6488
Tm-176	4.6336	3.6368	5.6228	5.7047	4.4967	3.1295	12.1641	8.4133
U-227	1.3441	1.0351	1.7240	1.5677	1.1968	0.9639	2.6389	1.4961
U-228	0.1358	0.1195	0.1479	0.1271	0.1038	0.0975	0.1775	0.1456
U-230	0.1260	0.1196	0.1175	0.0980	0.0891	0.0934	0.1110	0.1294
U-231	2.0158	1.6535	2.4387	2.2138	1.6161	1.3966	3.3097	2.2251

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
U-232	0.1133	0.1094	0.1028	0.0848	0.0776	0.0828	0.0924	0.1170
U-233	0.0589	0.0564	0.0538	0.0454	0.0403	0.0425	0.0511	0.0624
U-234	0.9002	0.9090	0.8960	0.8980	0.8944	0.9080	0.8589	0.8144
U-235	1.5453	1.5471	1.5370	1.5333	1.5240	1.5344	1.5085	1.5080
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	0.0924	0.0894	0.0832	0.0689	0.0628	0.0674	0.0737	0.0955
U-237	2.1444	1.7438	2.9035	2.3755	1.8828	1.4832	4.1778	2.4933
U-238	1.1562	1.1880	1.1416	1.1669	1.1456	1.1709	1.1498	1.1312
U-239	0.6772	0.5255	0.7966	0.8069	0.6472	0.6379	0.7416	0.6245
U-240	0.3387	0.3069	0.3333	0.2899	0.2454	0.2391	0.3712	0.3625
U-242	0.2835	0.2434	0.3550	0.3140	0.2724	0.2311	0.4997	0.3164
V-47	0.0127	0.0102	0.0133	0.0138	0.0113	0.0087	0.0316	0.0193
V-48	3.5122	2.6709	3.7663	4.7733	3.4651	2.2922	10.5538	8.4612
V-49	0.0717	0.0641	0.0651	0.0557	0.0406	0.0451	0.0647	0.1165
V-50	1.6347	1.3315	1.6655	2.1211	1.5846	1.1513	4.0234	2.8707
V-52	1.6111	1.2593	1.6623	2.1077	1.5914	1.0870	4.2723	3.0745
V-53	1.7286	1.3171	1.8467	2.3040	1.7134	1.1343	5.2677	4.3486
W-177	4.9084	3.9709	6.1333	5.5884	4.6106	3.4951	10.9181	7.4006
W-178	0.3655	0.3319	0.4143	0.3286	0.3014	0.2960	0.3778	0.4271
W-179	1.1035	0.9987	1.2334	1.0131	0.9830	0.9132	1.1418	1.1550
W-179m	0.7977	0.7033	1.0107	0.7704	0.7354	0.6794	1.0333	0.8490
W-181	0.7308	0.6663	0.8827	0.6860	0.6645	0.6350	0.7871	0.7482
W-185m	0.6558	0.5660	0.7145	0.5776	0.4893	0.4533	0.9306	0.9035
W-185	0.0008	0.0006	0.0010	0.0007	0.0007	0.0006	0.0014	0.0009
W-187	1.6818	1.3789	1.9900	2.0191	1.6103	1.2536	3.8749	2.6063
W-188	0.0148	0.0129	0.0190	0.0169	0.0140	0.0114	0.0278	0.0176
W-190	2.0463	1.7312	2.4910	1.9718	1.8937	1.6097	3.7245	2.1362
Xe-120	2.4769	1.9685	2.4474	2.6888	2.3260	1.7817	4.4114	3.2656
Xe-121	2.1560	1.7096	2.3156	2.4969	2.0705	1.4947	5.1618	3.2412
Xe-122	0.9011	0.7482	0.7700	0.8837	0.8387	0.6266	1.2363	1.0017
Xe-123	2.1169	1.6591	2.2025	2.1819	1.9913	1.3569	4.9451	2.7802
Xe-125	2.5061	1.9366	2.8100	2.4569	2.3977	1.7588	4.5583	2.9143
Xe-127	2.6895	2.0847	3.3802	2.7097	2.5922	1.7619	5.7293	3.5627
Xe-127m	2.1030	1.5809	2.4209	2.0349	1.9621	1.2388	5.3656	2.6305
Xe-129m	1.1789	1.0004	0.8809	1.0314	1.1053	0.8231	1.1079	1.0753
Xe-131m	0.4927	0.4174	0.3551	0.4278	0.4571	0.3417	0.4730	0.4494
Xe-133	0.8112	0.6160	0.8033	0.9398	0.7979	0.6678	0.8810	0.7288
Xe-133m	0.6386	0.5228	0.5419	0.5811	0.6022	0.4585	0.7313	0.6056
Xe-135	1.6878	1.2030	1.8633	1.7714	1.6289	1.3763	3.0049	1.6302
Xe-135m	1.4784	1.2237	1.6296	1.6923	1.4159	1.0164	3.2393	2.2759
Xe-137	0.6028	0.4612	0.7112	0.7554	0.5842	0.3833	1.6287	1.2023
Xe-138	2.0943	1.6130	2.3673	2.4930	2.0194	1.4715	5.6996	3.3849
Y-81	1.7793	1.3273	2.1930	1.9692	1.6173	1.1601	4.3454	2.4460

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Y-83	1.2080	1.0270	1.2402	1.3812	1.0951	0.8406	2.5534	2.0003
Y-83m	1.5646	1.2099	1.7728	1.7386	1.4704	1.1664	3.1567	2.0634
Y-84m	5.4315	4.2498	6.0398	7.7982	5.3360	3.6892	16.5791	13.1662
Y-85	1.3554	1.1350	1.5132	1.5703	1.2684	0.9234	3.0099	2.2905
Y-85m	1.3927	1.1283	1.5723	1.6422	1.3111	0.9952	3.4923	2.2860
Y-86	5.5925	4.4696	6.1804	7.2720	5.3904	3.8248	16.0500	11.3953
Y-86m	1.6788	1.2650	2.5608	1.7170	1.6548	1.1247	3.9335	2.3226
Y-87	1.9813	1.6784	2.1928	2.1684	1.7914	1.3421	4.0792	3.1337
Y-87m	1.4775	1.1476	1.8419	1.9537	1.4107	0.8968	4.2581	3.1249
Y-88	3.5016	2.8979	3.7651	4.5363	3.3296	2.4574	10.3261	7.0368
Y-89m	1.6591	1.2886	1.8496	2.4665	1.6397	1.1189	5.2575	4.3993
Y-90	0.0001	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001
Y-90m	3.2823	2.5533	4.5465	3.6171	3.2052	2.1397	7.9492	5.2784
Y-91	0.0043	0.0032	0.0047	0.0060	0.0043	0.0027	0.0132	0.0104
Y-91m	1.6460	1.3632	1.8511	1.9127	1.5695	1.1571	3.8486	2.4850
Y-92	0.4437	0.3452	0.4901	0.6117	0.4364	0.2970	1.3107	1.0340
Y-93	0.2237	0.1776	0.2539	0.2742	0.2175	0.1669	0.5454	0.3355
Y-94	1.3034	1.0163	1.4463	1.8536	1.2859	0.8775	4.0297	3.2101
Y-95	0.9539	0.7654	1.0357	1.2410	0.9441	0.6615	3.0708	1.9389
Yb-162	2.3838	1.8557	2.7904	2.4405	2.2130	1.5806	5.3060	2.9311
Yb-163	1.6999	1.4029	1.8842	1.9247	1.5926	1.2344	3.4233	2.6380
Yb-164	0.8107	0.6804	0.8559	0.7717	0.7546	0.6266	0.9793	0.8670
Yb-165	2.2576	1.8181	2.4682	2.3888	2.0746	1.7723	3.1261	2.7271
Yb-166	1.5080	1.2385	1.6288	1.4949	1.4111	1.2001	1.7515	1.5429
Yb-167	3.6948	2.8989	4.5845	3.9242	3.3913	2.5081	7.2864	4.4000
Yb-169	4.1815	3.4543	5.2537	4.2230	3.9618	3.0750	7.3355	4.8100
Yb-175	0.2414	0.1846	0.3023	0.2979	0.2311	0.1582	0.6221	0.4192
Yb-177	0.7775	0.5925	0.8842	0.8440	0.7357	0.5003	2.0763	1.2043
Yb-178	0.1920	0.1530	0.2414	0.2568	0.1844	0.1179	0.5408	0.3936
Yb-179	3.1717	2.6081	3.6385	3.7893	3.0290	2.2280	7.8967	4.8610
Zn-60	1.7839	1.5210	2.1185	2.2336	1.7206	1.3483	4.2823	2.7004
Zn-61	0.7405	0.5918	0.8206	0.9252	0.7219	0.5034	2.0599	1.3650
Zn-62	1.5860	1.3197	1.6652	1.6983	1.4140	1.1073	3.0604	2.2586
Zn-63	0.3010	0.2411	0.3286	0.3913	0.2860	0.2091	0.8335	0.6123
Zn-65	1.0934	0.8563	1.1351	1.3447	0.9813	0.7011	2.8239	2.5083
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000
Zn-69m	1.6730	1.2374	2.0161	2.1217	1.6159	1.0299	4.7023	3.5183
Zn-71	0.8981	0.7167	1.0342	1.1168	0.8678	0.5946	2.3291	1.6965
Zn-71m	5.1767	4.0680	6.0841	6.4576	4.9882	3.4021	13.9269	9.5072
Zn-72	1.9613	1.4887	2.2755	1.8701	1.6995	1.1654	4.9817	2.5488
Zr-85	1.5695	1.1906	1.8473	2.0018	1.5151	1.0003	4.3706	3.2270
Zr-86	2.8381	2.3163	3.0303	2.6357	2.5178	2.2211	4.1808	2.7659
Zr-87	0.2046	0.1779	0.2077	0.2225	0.1780	0.1443	0.4252	0.3498



<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Zr-88	2.2106	1.7102	2.6059	2.6593	2.0239	1.3827	5.7629	4.4476
Zr-89	2.0455	1.6771	2.2037	2.7412	1.9183	1.4161	5.5607	4.7447
Zr-89m	1.6679	1.3830	1.8444	1.9391	1.5842	1.2004	3.9745	2.3951
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	1.6214	1.3033	1.8768	2.4766	1.5789	1.1537	4.9452	3.7256
Zr-97	1.9361	1.5557	2.2311	2.8648	1.8833	1.3647	5.7476	4.3095

Table 9: Composite 1 - 5 cm Contamination Thickness for 400x400x40 ft room

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Ac-223	0.1657	0.1553	0.2870	0.3030
Ac-224	2.3430	1.9815	3.0424	2.5244
Ac-225	0.2093	0.2158	0.3374	0.3665
Ac-226	1.1330	0.8563	1.5785	1.1332
Ac-227	0.0221	0.0331	0.0635	0.0976
Ac-228	1.9956	1.3463	3.2666	3.6247
Ac-230	0.8649	0.5970	1.5050	1.3008
Ac-231	2.7896	1.9736	4.2018	3.0074
Ac-232	1.4354	1.1209	2.1789	2.2340
Ac-233	1.5701	1.0057	3.1812	1.4719
Ag-100m	2.9344	2.3294	3.8207	4.1369
Ag-101	2.2765	1.7078	3.1938	2.7990
Ag-102m	1.7821	1.2646	2.9898	2.2520
Ag-102	4.3885	3.1650	6.8106	5.8848
Ag-103	2.1802	1.6836	2.9947	2.5040
Ag-104	5.2116	3.5406	8.4085	8.3336
Ag-104m	2.1441	1.5395	3.6561	2.3152
Ag-105	2.4224	1.6886	3.7414	2.9396
Ag-105m	0.0102	0.0122	0.0314	0.0455
Ag-106	0.4339	0.3140	0.8164	0.4868
Ag-106m	6.4092	4.1488	10.7199	9.2499
Ag-108	0.0512	0.0455	0.0604	0.0570
Ag-108m	4.8293	3.5615	6.8094	6.3589
Ag-109m	0.2175	0.2179	0.2602	0.3296
Ag-110	0.0768	0.0689	0.0847	0.0866
Ag-110m	5.1797	3.7642	7.2392	8.5725
Ag-111	0.1315	0.0754	0.2226	0.1526
Ag-111m	0.1180	0.1170	0.1572	0.1987
Ag-112	1.1980	1.0091	1.4929	1.3081
Ag-113m	0.9231	0.5785	1.5267	1.1020
Ag-113	0.2900	0.1877	0.4781	0.3221
Ag-114	0.5016	0.3587	0.8390	0.5170
Ag-115	1.0278	0.7008	1.5691	1.2412
Ag-116	2.8851	1.8440	5.3150	3.4921
Ag-117	1.9723	1.3021	3.1641	2.4200
Ag-99	2.9080	2.0375	4.2588	4.2424
Al-26	1.5052	1.1291	2.2221	2.1758
Al-28	1.4719	1.1427	2.0514	2.0940
Al-29	1.6066	0.9427	2.7532	1.8979
Am-237	2.6234	2.2234	3.5617	3.3010
Am-238	2.6869	2.1839	3.7647	4.3673
Am-239	2.6708	2.5367	3.3245	3.4637

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Am-240	2.8073	2.1516	4.2086	5.5674
Am-241	1.0242	1.0985	1.0020	0.8494
Am-242	0.2909	0.3165	0.4012	0.4799
Am-242m	0.1241	0.1572	0.2407	0.3117
Am-243	0.8072	0.7474	0.8171	0.6451
Am-244	2.3772	1.8571	3.6894	4.3186
Am-244m	0.0950	0.1000	0.1611	0.2016
Am-245	0.3105	0.2939	0.3606	0.3885
Am-246	3.2150	2.6668	4.7136	4.4604
Am-246m	1.8130	1.1675	2.9801	3.6655
Am-247	1.1864	1.0465	1.5294	1.3920
Ar-37	0.0062	0.0110	0.0283	0.0500
Ar-39	0.0000	0.0000	0.0000	0.0000
Ar-41	1.5849	0.9565	2.6127	1.8370
Ar-42	0.0000	0.0000	0.0000	0.0000
Ar-43	1.9054	1.2118	3.0795	3.2822
Ar-44	2.7501	1.8185	4.1715	3.2964
As-68	3.7477	2.5637	5.6196	6.4512
As-69	0.4972	0.3588	0.7270	0.6539
As-70	4.8764	3.2391	7.5736	8.3127
As-71	1.6657	1.0237	3.0001	1.9361
As-72	1.5521	0.9641	2.5877	3.3211
As-73	0.3092	0.4536	1.0974	1.8181
As-74	1.2914	1.1555	1.7523	1.4328
As-76	1.0099	0.7347	1.6563	0.9903
As-77	0.0466	0.0342	0.0659	0.0466
As-78	2.2332	1.7072	3.1124	2.7683
As-79	0.1000	0.0534	0.1704	0.1608
At-204	6.4346	4.5162	10.1304	8.0243
At-205	2.8132	2.2396	3.8051	3.6767
At-206	6.5444	4.4118	10.0998	9.1065
At-207	4.5950	3.4355	6.6574	6.4430
At-208	7.4422	5.7014	10.1665	10.0606
At-209	6.5303	4.6033	10.3035	9.5093
At-210	5.5727	4.2132	7.5793	7.3050
At-211	0.4737	0.4596	0.5293	0.5233
At-215	0.0008	0.0004	0.0011	0.0012
At-216	0.0275	0.0251	0.0317	0.0284
At-217	0.0015	0.0012	0.0017	0.0015
At-218	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000
At-220	2.3106	1.6646	3.2229	2.6020
Au-186	3.3571	2.1856	5.3529	3.9738

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Au-187	2.3755	1.8118	3.5191	3.0956
Au-190	3.9942	2.8193	6.3897	4.6954
Au-191	3.0294	2.2942	4.3727	3.5105
Au-192	3.6404	2.5392	5.9343	4.3095
Au-193	1.6217	1.3577	2.1446	1.7202
Au-193m	1.3894	1.1856	1.8400	1.8329
Au-194	2.8308	1.9861	4.4662	3.3193
Au-195	1.1528	1.1085	1.5000	1.5155
Au-195m	1.3988	1.1793	1.9023	1.8301
Au-196	2.6488	1.6662	4.2377	3.2228
Au-196m	2.5327	1.9879	3.8992	2.9356
Au-198	1.6263	0.7895	2.5349	2.5623
Au-198m	4.7596	3.4469	7.0428	4.8129
Au-199	0.9410	0.6122	1.4220	0.7456
Au-200	0.5856	0.3239	0.9587	0.7892
Au-200m	7.4038	4.8347	12.0398	8.7687
Au-201	0.1383	0.1064	0.2406	0.1836
Au-202	0.3788	0.2060	0.6619	0.5682
Ba-124	1.5830	1.1659	2.1277	1.9910
Ba-126	2.1338	1.5962	2.8899	2.8379
Ba-127	0.8116	0.6617	0.9882	0.9224
Ba-128	0.7272	0.6558	0.7658	0.9172
Ba-129	0.8613	0.7293	1.0247	1.0278
Ba-129m	4.4856	2.9629	6.7968	6.1079
Ba-131	2.6341	1.9338	3.9645	2.9326
Ba-131m	1.0539	1.0189	1.0253	1.2574
Ba-133	2.7540	1.9741	3.7084	3.2797
Ba-133m	0.6587	0.5934	0.8000	0.9150
Ba-135m	0.6028	0.5421	0.6432	0.7460
Ba-137m	1.5221	1.3637	1.6697	1.7392
Ba-139	0.3968	0.2324	0.5985	0.2608
Ba-140	0.7769	0.5414	1.3889	0.9229
Ba-141	2.9902	1.8773	4.8646	3.3394
Ba-142	2.5495	1.6689	3.8159	3.9377
Be-10	0.0000	0.0000	0.0000	0.0000
Be-7	0.1715	0.0887	0.3627	0.1823
Bi-197	3.2522	2.3434	4.8126	5.2622
Bi-200	7.2109	4.4755	11.5726	10.8251
Bi-201	3.3035	2.3949	4.8132	5.2143
Bi-202	6.6836	4.5237	9.8667	10.5354
Bi-203	4.1769	3.0331	6.1194	6.6654
Bi-204	6.5714	4.2372	10.1172	11.5182
Bi-205	3.0982	2.4293	4.3225	4.5499

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Bi-206	7.6102	5.0407	12.3725	11.9428
Bi-207	3.7723	2.7929	5.7454	5.0670
Bi-208	1.9493	1.4105	3.3551	2.8212
Bi-210	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.4720	1.0810	2.1255	1.5313
Bi-211	0.2360	0.1328	0.3970	0.2919
Bi-212n	0.0000	0.0000	0.0000	0.0000
Bi-212	0.2146	0.1751	0.3457	0.4348
Bi-213	0.5008	0.2718	0.8672	0.6702
Bi-214	2.1253	1.5951	3.0149	2.7895
Bi-215	1.0467	0.7404	1.6122	1.1880
Bi-216	2.4306	1.5489	4.2197	2.6292
Bk-245	2.4260	2.3174	2.7656	3.0165
Bk-246	2.6236	2.0795	3.9233	4.8271
Bk-247	1.3492	1.1976	1.4902	1.3816
Bk-248m	0.4763	0.4654	0.6288	0.6289
Bk-249	0.0000	0.0000	0.0000	0.0000
Bk-250	1.5813	0.9573	2.6368	3.6208
Bk-251	1.1281	1.0889	1.3900	1.4051
Br-72	3.0077	1.8136	5.0150	5.4702
Br-73	1.5048	1.0593	2.1881	2.0875
Br-74	3.3770	2.5809	4.9415	4.3450
Br-74m	4.2932	3.4240	5.7648	5.5126
Br-75	2.0790	1.4110	3.3328	2.4546
Br-76	3.0111	2.1758	5.0506	3.8264
Br-76m	0.6067	0.6241	0.9962	1.1231
Br-77	1.3426	1.0244	2.4349	1.9663
Br-77m	0.2711	0.3184	0.4701	0.6294
Br-78	0.2396	0.2225	0.2996	0.2620
Br-80	0.1459	0.1372	0.1830	0.1747
Br-80m	0.4373	0.5588	0.7943	1.1293
Br-82m	0.1027	0.1610	0.3196	0.4714
Br-82	5.2972	3.6999	8.1363	7.9077
Br-83	0.0213	0.0135	0.0427	0.0190
Br-84m	4.8189	2.9024	7.4471	8.1187
Br-84	1.6984	1.0456	2.8961	3.2319
Br-85	0.1137	0.0671	0.1886	0.2396
C-10	1.6067	1.2148	2.1927	2.5760
C-11	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0111	0.0196	0.0504	0.0893
Ca-45	0.0000	0.0000	0.0000	0.0000
Ca-47	1.4006	0.8378	2.3670	1.7144

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Ca-49	1.4263	0.9132	2.6871	2.2531
Cd-101	2.8440	2.1685	3.9379	3.7698
Cd-102	2.3796	1.5491	4.1694	3.0054
Cd-103	2.2663	1.6719	3.3589	3.3576
Cd-104	1.4906	1.3417	1.7094	1.7667
Cd-105	1.5408	1.1381	2.2960	2.2752
Cd-107	0.6145	0.6167	0.7433	0.9567
Cd-109	0.5624	0.5676	0.6821	0.8803
Cd-111m	2.1276	1.6678	2.5813	2.2157
Cd-113	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0006	0.0006	0.0008	0.0009
Cd-115	0.6486	0.4059	1.2894	0.6021
Cd-115m	0.0537	0.0306	0.0922	0.1005
Cd-117	2.1262	1.3947	3.2228	2.8587
Cd-117m	2.5128	1.5865	4.2281	4.0080
Cd-118	0.0000	0.0000	0.0000	0.0000
Cd-119	2.5262	1.6776	3.9800	3.4105
Cd-119m	2.9550	1.8887	4.7454	4.7691
Ce-130	2.4407	1.9607	3.1199	2.9526
Ce-131	3.1806	2.2083	4.5594	4.2756
Ce-132	2.3601	1.5830	3.4645	2.1367
Ce-133	1.7226	1.6172	1.7467	1.9171
Ce-133m	4.3825	3.1158	6.6896	5.5208
Ce-134	0.5157	0.5227	0.4794	0.6893
Ce-135	3.2492	2.4705	4.6449	3.8637
Ce-137	0.5687	0.5746	0.6189	0.8828
Ce-137m	0.5769	0.5547	0.6035	0.7542
Ce-139	1.7438	1.2130	2.3779	1.4540
Ce-141	0.8145	0.6138	1.0322	0.6465
Ce-143	1.5505	1.2095	2.1742	1.7581
Ce-144	0.2312	0.2113	0.2466	0.2272
Ce-145	2.6055	2.0015	3.5981	3.7284
Cf-244	0.0464	0.0577	0.0850	0.1071
Cf-246	0.0321	0.0398	0.0586	0.0736
Cf-247	1.3727	1.4182	1.7530	2.0113
Cf-248	0.0389	0.0478	0.0707	0.0886
Cf-249	1.5890	0.9145	2.4536	2.4191
Cf-250	0.0457	0.0471	0.0791	0.0897
Cf-251	1.3663	1.2166	1.7915	1.6133
Cf-252	0.7839	0.5355	1.2370	1.1016
Cf-253	0.1103	0.1332	0.1914	0.2524
Cf-254	27.7510	18.3604	43.5204	38.0321
Cf-255	0.0000	0.0000	0.0000	0.0000

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Cl-34	0.0000	0.0000	0.0000	0.0000
Cl-34m	1.6052	1.0288	2.6908	1.9603
Cl-36	0.0001	0.0002	0.0004	0.0007
Cl-38	1.0880	0.7958	1.6786	1.5644
Cl-39	2.2852	1.6540	3.0890	2.7586
Cl-40	2.9503	2.1059	4.4998	4.1175
Cm-238	1.0762	1.0768	1.2065	1.3621
Cm-239	2.6815	2.1001	3.7283	2.6924
Cm-240	0.0495	0.0636	0.0941	0.1184
Cm-241	2.9227	2.3082	4.7163	3.7628
Cm-242	0.0444	0.0571	0.0844	0.1063
Cm-243	1.3278	1.2235	1.7690	1.7684
Cm-244	0.0381	0.0490	0.0725	0.0913
Cm-245	1.3677	1.3130	1.6673	1.7254
Cm-246	0.0363	0.0430	0.0671	0.0809
Cm-247	1.3550	0.6834	2.0069	2.1622
Cm-248	2.1918	1.4680	3.4469	3.0332
Cm-249	0.0807	0.0854	0.1636	0.2117
Cm-250	21.8897	14.4851	34.3267	29.9987
Cm-251	0.4348	0.3202	0.7151	0.5063
Co-54m	4.7678	2.7822	7.3736	7.3076
Co-55	2.0904	1.2300	3.5844	3.9778
Co-56	3.9747	2.3972	6.9225	7.3155
Co-57	1.4165	1.4171	1.7209	1.9846
Co-58	1.6147	0.9674	2.8712	3.8433
Co-58m	0.0448	0.0788	0.2022	0.3580
Co-60	3.2057	1.9331	5.2365	4.4024
Co-60m	0.0699	0.1020	0.2458	0.4067
Co-61	0.8389	0.7023	0.8888	0.6307
Co-62	1.8393	1.0572	3.1993	2.8894
Co-62m	3.2651	1.8942	5.6189	5.1452
Cr-48	2.9068	2.1937	4.3507	3.0280
Cr-49	1.2083	0.9577	1.3629	0.9046
Cr-51	0.1830	0.1303	0.4236	0.3543
Cr-55	0.0007	0.0006	0.0008	0.0009
Cr-56	1.2965	1.2005	1.2177	1.2472
Cs-121	1.0924	0.7279	1.5943	1.1756
Cs-121m	2.0557	1.2708	3.2756	2.1938
Cs-123	1.4554	1.1778	1.8417	1.6867
Cs-124	0.6228	0.3570	1.0453	0.8664
Cs-125	1.2469	0.9314	1.8721	1.4842
Cs-126	1.0571	0.5815	1.6266	1.6767
Cs-127	2.0076	1.3324	2.7518	2.8554

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Cs-128	0.6930	0.4304	1.1179	0.9381
Cs-129	1.7069	1.1981	2.2553	2.4083
Cs-130m	1.0981	1.0102	1.0536	1.1837
Cs-130	0.3553	0.3211	0.3978	0.4639
Cs-131	0.4653	0.4587	0.4106	0.6483
Cs-132	2.1466	1.9154	2.3617	2.6360
Cs-134	3.6014	2.6273	5.3701	5.2538
Cs-134m	0.3950	0.4007	0.4490	0.6161
Cs-135	0.0000	0.0000	0.0000	0.0000
Cs-135m	3.0973	1.7988	5.2360	6.8761
Cs-136	4.5578	2.6370	7.6105	8.1231
Cs-137	1.3975	1.4165	1.4834	1.5190
Cs-138m	1.1967	0.8396	1.7803	1.3924
Cs-138	3.1013	1.9967	4.9686	4.5198
Cs-139	0.3172	0.2123	0.5053	0.4125
Cs-140	2.1292	1.5735	3.2176	2.7582
Cu-57	0.1639	0.0938	0.2781	0.3038
Cu-59	0.7933	0.4553	1.3665	1.1963
Cu-60	3.0875	2.0320	4.9380	4.5104
Cu-61	0.5942	0.4637	0.8999	0.8533
Cu-62	0.0107	0.0077	0.0222	0.0273
Cu-64	0.0342	0.0520	0.1324	0.2231
Cu-66	0.1552	0.0866	0.2603	0.3423
Cu-67	1.0685	0.6974	1.6209	0.9117
Cu-69	0.9349	0.5683	1.5448	1.7905
Dy-148	2.2641	2.0393	2.5458	2.1842
Dy-149	3.3473	2.5220	4.5947	4.8133
Dy-150	1.4480	0.8288	2.0056	2.2134
Dy-151	3.3301	2.2519	5.0810	4.7091
Dy-152	2.1332	1.7482	2.5125	2.3370
Dy-153	3.6018	2.7181	4.8872	4.2284
Dy-154	0.0000	0.0000	0.0000	0.0000
Dy-155	2.6915	1.9397	3.7849	3.1458
Dy-157	2.1665	1.3819	3.6560	2.2493
Dy-159	0.7440	0.6426	0.8806	0.8125
Dy-165m	0.1744	0.1594	0.3043	0.3358
Dy-165	0.1760	0.1386	0.2166	0.1857
Dy-166	0.6033	0.4926	0.7318	0.6504
Dy-167	2.2157	1.6292	3.2994	2.2408
Dy-168	1.9447	1.2287	3.1992	1.9555
Er-154	0.8092	0.6803	0.9878	1.0137
Er-156	0.9920	0.8638	1.3614	1.4596
Er-159	2.6861	2.1027	3.5017	2.8641



<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Er-161	2.7005	1.7665	4.1509	4.3109
Er-163	0.6247	0.4823	0.7627	0.6197
Er-165	0.6000	0.4648	0.7350	0.6015
Er-167m	0.8318	0.5197	1.3518	0.8013
Er-169	0.0013	0.0023	0.0059	0.0103
Er-171	2.3704	1.6222	3.7471	2.3690
Er-172	2.1833	1.5043	2.9396	2.5142
Er-173	3.6580	2.3523	5.6284	4.6658
Es-249	2.3662	1.8724	3.1750	3.3505
Es-250	5.9004	4.9475	8.5405	9.4203
Es-250m	1.9703	1.6842	2.6109	3.0499
Es-251	1.3246	1.3404	1.6408	1.7897
Es-253	0.0139	0.0163	0.0249	0.0318
Es-254	0.4359	0.5478	0.8528	1.1347
Es-254m	1.3411	1.2081	1.6511	1.7697
Es-255	0.0011	0.0007	0.0018	0.0015
Es-256	0.0725	0.0845	0.1151	0.1518
Eu-142	0.3571	0.2583	0.5312	0.6072
Eu-142m	5.3652	3.5057	8.8802	9.2234
Eu-143	0.5696	0.4565	0.7860	0.8473
Eu-144	0.2572	0.2249	0.3111	0.3733
Eu-145	2.4411	1.8497	3.5277	4.2307
Eu-146	4.9566	3.9834	6.4894	7.0893
Eu-147	2.1483	1.7739	2.8805	2.7731
Eu-148	5.9113	4.6133	8.5367	6.7909
Eu-149	0.7482	0.7347	0.9788	1.0403
Eu-150	5.3399	3.4410	8.8306	6.6748
Eu-150m	0.1920	0.1330	0.2918	0.2624
Eu-152	3.0513	2.2236	4.4245	4.5671
Eu-152m	0.7935	0.5832	1.1633	1.4401
Eu-152n	1.0261	0.9821	1.1043	1.2008
Eu-154	2.7728	2.0090	3.9541	4.1887
Eu-154m	1.0249	0.9974	1.2024	1.3482
Eu-155	0.8201	0.7579	0.8210	0.8183
Eu-156	1.7384	1.1500	2.7831	2.7115
Eu-157	1.6343	1.1696	2.3145	2.0750
Eu-158	2.2620	1.4277	3.6291	4.2928
Eu-159	1.6729	1.4157	1.9950	1.8574
F-17	0.0005	0.0003	0.0009	0.0012
F-18	0.0000	0.0000	0.0000	0.0000
Fe-52	1.5308	0.8541	2.4701	1.0577
Fe-53	0.7088	0.3492	1.1224	1.0760
Fe-53m	4.6242	3.0975	6.9863	7.5954

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Fe-55	0.0370	0.0652	0.1676	0.2968
Fe-59	1.6822	0.9729	2.8147	2.6237
Fe-60	0.0000	0.0000	0.0000	0.0000
Fe-61	2.2075	1.3478	3.6256	3.5291
Fe-62	1.6391	0.9019	3.7023	1.4375
Fm-251	1.3874	1.3113	1.7462	1.8953
Fm-252	0.0364	0.0433	0.0612	0.0776
Fm-253	0.9587	0.9977	1.2661	1.4496
Fm-254	0.0480	0.0512	0.0795	0.0939
Fm-255	0.3747	0.4617	0.6687	0.8625
Fm-256	20.6409	13.6623	32.3801	28.3092
Fm-257	1.4418	1.3508	1.8481	1.8453
Fr-212	2.9561	2.1880	4.3702	3.6658
Fr-219	0.0172	0.0102	0.0297	0.0189
Fr-220	0.1338	0.1328	0.1902	0.2001
Fr-221	0.2323	0.1628	0.3410	0.2267
Fr-222	1.3020	0.9512	2.0498	1.4612
Fr-223	0.6684	0.5542	0.8779	0.7476
Fr-224	1.6242	1.1580	2.4229	2.1014
Fr-227	2.3348	1.9042	3.0524	2.4854
Ga-64	2.2574	1.3908	3.8011	4.2688
Ga-65	1.3486	1.1500	1.7191	1.7638
Ga-66	1.5060	0.9477	2.7584	3.0007
Ga-67	1.3342	1.0623	2.1782	2.0065
Ga-68	0.0674	0.0491	0.1394	0.1879
Ga-70	0.0156	0.0091	0.0269	0.0294
Ga-72	3.4846	2.2662	5.6314	6.3144
Ga-73	1.8001	1.2589	3.4030	2.6660
Ga-74	3.9189	2.8842	6.0564	4.8213
Gd-142	1.3871	1.0179	2.0656	1.6049
Gd-143m	3.8180	2.8832	5.3584	5.1032
Gd-144	0.8344	0.6562	1.2142	1.0906
Gd-145m	1.5969	1.2109	2.2803	2.6456
Gd-145	2.1867	1.6339	3.2788	3.3630
Gd-146	3.2044	2.8686	3.6691	3.2836
Gd-147	4.6208	3.1281	6.7900	6.7573
Gd-148	0.0000	0.0000	0.0000	0.0000
Gd-149	2.9402	2.1214	4.3517	3.3066
Gd-150	0.0000	0.0000	0.0000	0.0000
Gd-151	0.8978	0.8242	1.1615	1.1432
Gd-152	0.0000	0.0000	0.0000	0.0000
Gd-153	1.5684	1.5184	1.6678	1.8076
Gd-159	0.3597	0.2387	0.5184	0.4359

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Gd-162	1.6785	0.8502	2.8151	2.5252
Ge-66	2.1341	1.5111	3.4988	3.1235
Ge-67	1.7406	1.0071	2.7405	1.6415
Ge-68	0.0910	0.1604	0.4109	0.7265
Ge-69	1.2517	0.8516	2.2793	2.5347
Ge-71	0.0923	0.1627	0.4168	0.7369
Ge-75	0.2097	0.1553	0.2814	0.2207
Ge-77	3.7195	2.4428	5.6191	4.4744
Ge-78	1.5836	1.1261	2.3199	1.6337
H-3	0.0000	0.0000	0.0000	0.0000
Hf-167	1.4865	0.9257	2.5755	1.3730
Hf-169	2.2904	1.4009	4.2814	2.2486
Hf-170	2.6968	2.0472	3.7835	2.6355
Hf-172	1.5334	1.3194	1.9924	1.8990
Hf-173	3.3035	2.6085	4.3280	3.2333
Hf-174	0.0000	0.0000	0.0000	0.0000
Hf-175	2.2163	1.3690	3.5450	2.4692
Hf-177m	13.9724	9.3541	21.6194	14.3522
Hf-178m	10.7709	6.9796	17.8197	11.4494
Hf-179m	5.5285	3.5503	8.6744	6.2080
Hf-180m	5.3331	3.2035	9.0467	5.8330
Hf-181	2.5745	1.6847	4.5106	2.6848
Hf-182	1.5392	1.1468	2.0887	1.5777
Hf-182m	4.2292	2.7841	6.7605	5.1005
Hf-183	2.3064	1.5008	3.5762	3.4951
Hf-184	1.9106	1.4530	3.1493	2.7122
Hg-190	2.2420	1.8743	2.9015	2.2308
Hg-191m	4.9844	3.7730	7.0146	6.1842
Hg-192	2.3396	1.9362	3.1936	2.6008
Hg-193	2.6034	1.9318	3.8141	3.6920
Hg-193m	2.8997	2.0406	4.2978	3.8868
Hg-194	0.0561	0.0957	0.2241	0.3771
Hg-195	1.2409	1.0988	1.7344	1.7239
Hg-195m	1.3849	1.2488	2.1334	2.2028
Hg-197	1.0094	0.9702	1.2893	1.2722
Hg-197m	1.0705	0.9968	1.4644	1.4441
Hg-199m	1.6851	1.2024	2.4353	1.6663
Hg-203	1.4330	1.0466	2.0775	1.4817
Hg-205	0.0434	0.0272	0.0705	0.0385
Hg-206	0.6517	0.4388	1.0876	0.6392
Hg-207	4.1451	2.6971	6.3608	6.6192
Ho-150	2.2980	1.5217	3.5874	4.2336
Ho-153	2.3819	1.6418	3.6296	2.7158

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Ho-153m	2.6898	1.8839	3.8245	3.1408
Ho-154m	6.8510	3.8304	12.0052	8.9366
Ho-154	3.4418	2.0991	5.7324	4.4951
Ho-155	1.9902	1.4471	2.8344	2.3172
Ho-156	4.3441	3.1362	6.0663	5.5255
Ho-157	2.9901	2.1266	4.2974	3.2755
Ho-159	3.1658	2.5130	4.0078	3.3004
Ho-160	4.4143	3.0928	6.4463	7.1172
Ho-161	0.9457	0.8198	1.1422	1.1732
Ho-162	0.8913	0.7225	1.1082	0.9728
Ho-162m	2.1403	1.4748	3.2618	2.6751
Ho-163	0.0015	0.0026	0.0067	0.0119
Ho-164	0.4682	0.3895	0.5670	0.5086
Ho-164m	0.7662	0.6648	1.0811	1.1265
Ho-166	0.1853	0.1572	0.2382	0.2306
Ho-166m	5.2263	3.3900	8.1430	7.2487
Ho-167	1.9183	1.0852	3.2683	2.1923
Ho-168	2.0041	1.3128	3.1326	3.6060
Ho-168m	0.1213	0.1151	0.2193	0.2718
Ho-170	4.4530	2.8513	6.8250	7.3421
I-118m	6.7806	5.2641	9.3915	7.9212
I-118	2.3270	1.8417	3.2376	2.5269
I-119	1.9628	1.5824	2.3579	2.3034
I-120	2.7174	2.0255	4.1969	3.1903
I-120m	5.8604	4.5768	8.4531	6.2365
I-121	2.0609	1.4273	3.0482	2.1514
I-122	0.4805	0.3789	0.7064	0.5442
I-123	1.8155	1.2214	2.4677	1.4965
I-124	1.9479	1.6722	2.3935	2.2613
I-125	0.8908	0.8769	0.8203	1.3126
I-126	1.4912	1.0642	1.9438	2.1295
I-128	0.2665	0.1504	0.4607	0.3584
I-129	0.4980	0.4963	0.4427	0.6792
I-130m	0.4015	0.3073	0.6684	0.4646
I-130	5.4435	3.8652	8.3874	7.0332
I-131	1.6033	1.6144	1.6601	1.7532
I-132	4.7774	3.5083	6.8618	7.2039
I-132m	1.1459	0.9358	1.5232	1.5238
I-133	1.7177	1.0798	3.3485	1.7270
I-134m	1.9190	1.5278	2.4179	2.2701
I-134	4.8332	3.0059	7.7756	9.2033
I-135	2.1223	1.3485	3.3770	3.1461
In-103	3.2975	2.0865	5.2888	4.6250

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
In-105	2.7818	2.1118	3.8567	3.5765
In-106	5.7528	4.1177	8.4022	9.2751
In-106m	2.6217	2.2290	3.2388	3.1386
In-107	2.5304	1.6353	4.2068	3.1593
In-108	7.2697	5.2454	10.3190	11.4074
In-108m	2.6182	2.1859	3.3946	3.2624
In-109	2.4508	1.6807	3.7198	2.7902
In-109m	1.5658	1.4411	1.6501	1.6515
In-110	6.6670	4.8646	9.4638	11.4032
In-110m	1.9821	1.7448	2.3090	2.3697
In-111	3.3188	2.3819	4.4598	3.1764
In-111m	1.4845	0.9869	2.8308	1.3460
In-112	0.2381	0.2270	0.2741	0.3136
In-112m	0.5087	0.4226	0.6228	0.6165
In-113m	1.2103	0.6418	1.7477	1.9781
In-114	0.0053	0.0041	0.0078	0.0067
In-114m	0.5547	0.4137	0.8082	0.6567
In-115	0.0000	0.0000	0.0000	0.0000
In-115m	0.9236	0.5744	1.5607	1.1259
In-116m	3.4379	2.0266	5.6489	5.1755
In-117	3.0038	1.9294	4.9457	2.2526
In-117m	0.6558	0.4109	1.0813	0.5941
In-118m	4.3874	2.7526	7.0093	6.8876
In-118	0.1077	0.0621	0.1892	0.1407
In-119	1.6740	1.1239	2.6028	3.2902
In-119m	0.1621	0.1130	0.2611	0.2621
In-121	1.7490	1.0507	2.8194	3.7747
In-121m	0.4433	0.3797	0.4906	0.5450
Ir-180	3.5929	2.7222	5.0786	4.8204
Ir-182	3.3149	2.5163	4.6504	4.3940
Ir-183	3.1141	2.3905	4.4765	4.1330
Ir-184	5.1651	3.7592	7.5012	7.1610
Ir-185	2.5284	2.1280	3.6004	3.3974
Ir-186	4.9542	3.5415	7.4808	6.2073
Ir-186m	2.8217	2.1391	4.0292	4.1047
Ir-187	1.6867	1.3455	2.4850	2.3537
Ir-188	3.4731	2.5485	5.2924	4.2547
Ir-189	0.9637	0.8875	1.3356	1.2853
Ir-190	5.9275	3.9858	9.4365	6.5292
Ir-190m	0.0516	0.0905	0.2281	0.3996
Ir-190n	0.7824	0.7176	1.0349	0.9362
Ir-191m	0.9684	0.9430	1.3194	1.3849
Ir-192	3.6168	2.1545	6.7117	3.5940

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Ir-192m	0.0605	0.1042	0.2520	0.4303
Ir-192n	0.1322	0.2218	0.5296	0.8954
Ir-193m	0.0552	0.0931	0.2291	0.3957
Ir-194	0.3316	0.1995	0.5809	0.3698
Ir-194m	8.0621	5.2277	13.6947	8.9177
Ir-195	0.7811	0.7377	1.0168	1.0107
Ir-195m	1.9493	1.3621	3.0018	2.3892
Ir-196	0.6913	0.3855	1.1752	1.0436
Ir-196m	8.6380	5.3701	13.9987	10.9804
K-38	1.4331	0.8922	2.7564	2.1406
K-40	0.1664	0.1296	0.2092	0.2154
K-42	0.2853	0.2382	0.3143	0.3716
K-43	3.2380	2.2236	4.4763	3.9209
K-44	2.3536	1.4550	3.9649	3.7878
K-45	2.6817	1.7320	4.1165	2.9753
K-46	2.3310	1.5200	3.7641	3.0042
Kr-74	1.9042	1.4540	2.7413	2.0248
Kr-75	1.7475	1.3862	2.2311	1.7359
Kr-76	2.2421	1.5666	3.8536	2.9695
Kr-77	1.8343	1.5375	2.2315	1.7230
Kr-79	0.8209	0.6629	1.3653	1.4042
Kr-81	0.1207	0.1926	0.3813	0.5607
Kr-81m	1.1097	0.6404	1.9402	0.9428
Kr-83m	0.0519	0.0845	0.1710	0.2606
Kr-85	0.0071	0.0041	0.0155	0.0063
Kr-85m	1.3373	0.8477	1.9922	0.9440
Kr-87	1.3176	0.7023	2.0769	2.1870
Kr-88	2.0828	1.3095	3.5838	2.9252
Kr-89	2.7103	1.8112	4.2962	3.7929
La-128	5.0254	3.3470	8.1206	6.4243
La-129	1.7958	1.3360	2.4821	2.1125
La-130	3.6068	2.2157	5.9602	5.0326
La-131	2.2608	1.6440	3.0943	2.7868
La-132	3.1589	2.0288	5.4235	4.0689
La-132m	2.4969	1.8535	3.5712	3.0691
La-133	0.6913	0.6455	0.7874	0.9837
La-134	0.3064	0.2854	0.3189	0.3696
La-135	0.5329	0.5167	0.4978	0.7011
La-136	0.3752	0.3538	0.3647	0.5329
La-137	0.4840	0.4827	0.4207	0.6450
La-138	1.8165	1.3382	2.4701	2.7956
La-140	3.3645	2.3683	5.0497	4.7846
La-141	0.0300	0.0203	0.0449	0.0368

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
La-142	2.3870	1.7648	3.5635	3.3276
La-143	0.3458	0.2447	0.5204	0.4977
Lu-165	3.0696	2.2334	4.1791	3.4342
Lu-167	3.5484	2.5132	5.1435	4.4422
Lu-169m	0.0373	0.0658	0.1689	0.2988
Lu-169	3.2212	2.1694	4.7161	4.2749
Lu-170	3.3389	2.2423	5.1971	4.7224
Lu-171m	0.0436	0.0726	0.1818	0.3163
Lu-171	2.5260	1.9413	3.5391	3.6941
Lu-172	4.7172	3.0199	7.3491	7.5042
Lu-172m	0.0336	0.0592	0.1518	0.2687
Lu-173	1.9497	1.4653	2.4604	1.8304
Lu-174	0.8568	0.6468	1.1501	0.9302
Lu-174m	0.8572	0.7424	1.2762	1.2921
Lu-176	3.2303	2.0010	5.6169	3.1172
Lu-176m	0.2052	0.1925	0.2796	0.3081
Lu-177	0.3232	0.2363	0.4667	0.3246
Lu-177m	6.9588	4.6092	10.3386	7.3458
Lu-178	0.2859	0.2244	0.4069	0.3741
Lu-178m	6.1363	3.8447	9.7379	6.8325
Lu-179	0.2145	0.1372	0.3324	0.1998
Lu-180	3.3175	2.0070	5.2661	4.6797
Lu-181	2.2529	1.6937	3.3537	2.8752
Mg-27	1.6087	0.9072	2.7276	3.6611
Mg-28	2.6092	1.6741	3.6982	4.1273
Mn-50m	5.3254	3.4177	8.2937	9.0512
Mn-51	0.0092	0.0069	0.0173	0.0213
Mn-52	4.7930	3.2063	7.2448	8.6488
Mn-52m	1.5666	1.1624	2.0601	1.9646
Mn-53	0.0301	0.0531	0.1365	0.2417
Mn-54	1.6071	0.9489	2.8318	3.8188
Mn-56	2.2005	1.3353	3.7130	4.4909
Mn-57	0.4612	0.4430	0.6960	0.8268
Mn-58m	3.5669	2.1497	5.9711	6.0518
Mo-101	2.6965	1.7877	4.3826	3.6870
Mo-102	0.1510	0.0982	0.2233	0.1255
Mo-89	0.3441	0.2398	0.5226	0.5358
Mo-90	3.1884	2.6865	4.0495	3.6158
Mo-91m	1.5267	1.2512	1.8774	1.8458
Mo-91	0.0312	0.0327	0.0425	0.0440
Mo-93	0.2652	0.3322	0.3734	0.3698
Mo-93m	4.1856	3.4125	5.1199	5.2463
Mo-99	0.4673	0.3173	0.6995	0.6666

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
N-13	0.0000	0.0000	0.0000	0.0000
N-16	1.0164	0.6554	2.0141	1.5904
Na-22	1.6017	0.9362	2.7130	1.8377
Na-24	3.0187	1.9831	5.0176	4.0695
Nb-87	2.1104	1.3967	3.4096	1.8420
Nb-88m	5.8556	3.5970	9.2644	9.8574
Nb-88	6.9265	4.4278	11.1884	11.0220
Nb-89	0.5556	0.4159	0.8834	0.8211
Nb-89m	1.5177	0.8932	3.2749	1.4817
Nb-90	4.4073	2.9426	7.2295	6.2573
Nb-91	0.2523	0.3300	0.3650	0.3670
Nb-91m	0.2640	0.3067	0.3804	0.3697
Nb-92	3.5130	2.4356	5.8636	5.6132
Nb-92m	1.9007	1.2568	3.1388	4.2164
Nb-93m	0.0494	0.0630	0.0761	0.0827
Nb-94m	0.1886	0.2311	0.2703	0.2754
Nb-94	3.1743	2.1606	4.7442	5.9720
Nb-95	1.5750	1.0121	2.4937	3.1363
Nb-95m	0.6031	0.5307	0.8180	0.6738
Nb-96	5.1029	3.1644	8.5380	8.4884
Nb-97	1.6448	1.4733	1.8058	1.8456
Nb-98m	4.9167	3.2533	7.6039	8.6270
Nb-99	1.9925	1.7362	2.2775	1.8386
Nb-99m	1.0105	0.7020	1.5905	1.3937
Nd-134	2.3708	1.6723	3.3874	2.2850
Nd-135	2.9005	2.0052	4.5697	3.2259
Nd-136	1.7974	1.6758	2.0808	2.1789
Nd-137	2.5030	1.9451	3.5552	3.3414
Nd-138	0.6174	0.6131	0.6780	0.7994
Nd-139	0.7826	0.6574	0.9807	1.1213
Nd-139m	4.0801	3.0888	5.6518	6.7620
Nd-140	0.5238	0.5534	0.5221	0.7053
Nd-141	0.5539	0.5702	0.5711	0.7471
Nd-141m	1.4928	1.0113	2.2750	2.8295
Nd-144	0.0000	0.0000	0.0000	0.0000
Nd-147	0.9834	0.8546	1.2650	1.0484
Nd-149	2.1773	1.6049	3.0733	2.2684
Nd-151	2.6391	1.9448	3.6387	3.4439
Nd-152	0.9670	0.7505	1.3312	1.0703
Ne-19	0.0002	0.0002	0.0003	0.0002
Ne-24	1.7701	0.9159	3.6172	2.1108
Ni-56	5.0488	3.1310	8.2391	7.2193
Ni-57	1.8158	1.3467	2.6645	2.4152



<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Ni-59	0.0522	0.0921	0.2366	0.4190
Ni-63	0.0000	0.0000	0.0000	0.0000
Ni-65	0.7190	0.4892	1.0246	1.0710
Ni-66	0.0000	0.0000	0.0000	0.0000
Np-232	4.1466	3.0086	6.4842	6.6722
Np-233	1.1359	1.1164	1.3018	1.4330
Np-234	2.2366	1.9938	2.7632	3.1883
Np-235	0.1510	0.2067	0.3278	0.4410
Np-236	2.0499	1.9318	2.8525	2.7108
Np-236m	0.6042	0.6086	0.6991	0.7961
Np-237	0.5586	0.6101	0.7812	0.9328
Np-238	1.1164	0.7349	1.8928	2.5748
Np-239	1.8371	1.6815	2.3577	2.3319
Np-240	3.2973	2.4951	5.1697	5.1269
Np-240m	0.9194	0.7511	1.4795	1.1952
Np-241	0.4424	0.4162	0.5487	0.5503
Np-242	0.3930	0.2838	0.5995	0.6716
Np-242m	2.6330	1.9115	4.2466	4.9903
O-14	1.4379	0.8986	2.7283	2.1211
O-15	0.0000	0.0000	0.0000	0.0000
O-19	2.4331	1.4435	3.9960	2.2838
Os-180	1.1009	0.9737	1.5930	1.5387
Os-181	4.0259	2.9800	5.7572	5.8647
Os-182	2.4974	1.7466	4.3160	2.5455
Os-183	3.5926	2.4721	5.0762	4.7054
Os-183m	2.2045	1.4904	3.4493	3.6404
Os-185	2.2576	1.9916	2.6825	2.6570
Os-186	0.0000	0.0000	0.0000	0.0000
Os-189m	0.0493	0.0866	0.2195	0.3857
Os-190m	6.1335	4.0103	10.4932	6.4477
Os-191	1.0630	1.0256	1.4122	1.4469
Os-191m	0.1284	0.1563	0.3092	0.4493
Os-193	0.4335	0.3338	0.6653	0.5267
Os-194	0.0844	0.1147	0.2297	0.3633
Os-196	0.4999	0.3779	0.6915	0.5617
P-30	0.0011	0.0007	0.0020	0.0016
P-32	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000
Pa-227	0.3364	0.3522	0.4463	0.4913
Pa-228	4.0915	3.0714	6.2698	6.6772
Pa-229	0.9051	0.9129	1.0520	1.1781
Pa-230	2.2476	1.7346	3.3966	3.8391
Pa-231	0.4579	0.4865	0.8556	0.9760

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Pa-232	2.3704	1.5512	3.9899	4.3997
Pa-233	1.5880	1.2545	2.5520	1.9747
Pa-234	4.2973	3.2593	6.4485	6.9756
Pa-234m	0.0360	0.0262	0.0546	0.0696
Pa-235	0.0177	0.0312	0.0798	0.1409
Pa-236	1.7065	1.4565	2.2696	2.3244
Pa-237	1.3682	0.8395	2.4749	2.4422
Pb-194	3.3419	2.5425	4.7292	3.9662
Pb-195m	5.1989	3.3479	7.7906	8.3046
Pb-196	2.8541	2.1797	4.1990	3.0930
Pb-197	3.4481	2.2746	5.1277	5.2107
Pb-197m	4.3721	2.9168	6.4350	6.4433
Pb-198	2.7255	2.0243	3.8734	3.1049
Pb-199	2.7551	1.9304	3.9962	3.8001
Pb-200	2.0746	1.7424	2.6679	2.1109
Pb-201	3.1168	2.1184	4.9350	3.9286
Pb-201m	1.2341	1.1827	1.2807	1.1850
Pb-202	0.0522	0.0902	0.2177	0.3718
Pb-202m	4.9154	2.9342	7.9222	8.8526
Pb-203	2.2956	1.8403	3.0925	2.4549
Pb-204m	4.6296	2.5407	7.6393	9.3844
Pb-205	0.0528	0.0913	0.2203	0.3763
Pb-209	0.0000	0.0000	0.0000	0.0000
Pb-210	0.0979	0.1321	0.2537	0.3657
Pb-211	0.1846	0.1039	0.2917	0.3271
Pb-212	1.1593	0.9520	1.4200	1.1992
Pb-214	1.3837	0.9144	2.1874	1.6391
Pd-100	1.8304	1.7190	1.9664	1.7614
Pd-101	1.4494	1.2156	2.1825	1.8365
Pd-103	0.3254	0.3382	0.4662	0.5027
Pd-107	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.0108	0.6089	1.6728	0.8525
Pd-109	0.2205	0.2203	0.2644	0.3335
Pd-111	0.1103	0.0798	0.1616	0.1328
Pd-112	0.1193	0.1378	0.1810	0.1901
Pd-114	0.1944	0.1506	0.2479	0.2011
Pd-96	3.1307	2.4024	4.5083	4.5731
Pd-97	3.0855	2.1272	4.7871	4.3235
Pd-98	2.0746	1.8616	2.4469	2.5102
Pd-99	2.4589	1.9076	3.2609	2.9451
Pm-136	4.8930	3.0360	7.6790	7.6970
Pm-137m	4.6208	3.3016	6.8199	5.2189
Pm-139	0.7756	0.5345	1.1065	1.1506

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Pm-140m	5.1764	2.9963	8.3665	9.8679
Pm-140	0.3162	0.2235	0.4829	0.4820
Pm-141	0.5492	0.4682	0.7174	0.7606
Pm-142	0.1943	0.1942	0.2005	0.2571
Pm-143	1.1504	0.9998	1.4590	1.8174
Pm-144	4.5608	3.7951	5.9943	5.3349
Pm-145	0.5559	0.5866	0.5823	0.7424
Pm-146	2.3759	1.5903	3.8005	3.4800
Pm-147	0.0001	0.0001	0.0001	0.0001
Pm-148	0.9400	0.6604	1.4579	1.2613
Pm-148m	5.3896	4.0450	7.9145	6.3940
Pm-149	0.0583	0.0405	0.0919	0.0656
Pm-150	2.8793	1.6942	4.8977	4.0874
Pm-151	1.7154	1.1808	2.5762	1.9321
Pm-152m	4.2840	3.1734	5.8844	5.7075
Pm-152	0.7276	0.5646	0.9925	1.1359
Pm-153	0.8240	0.7532	0.9212	0.8926
Pm-154	2.3498	1.5592	3.7936	3.9023
Pm-154m	3.9702	2.8010	5.8233	4.9231
Po-203	3.6598	2.5451	5.5268	5.9273
Po-204	4.4396	3.4759	6.3957	6.5284
Po-205	3.5353	2.5143	5.2008	6.1057
Po-206	3.9498	2.8091	6.4800	5.8048
Po-207	3.2324	2.2702	4.7076	5.6146
Po-208	0.0001	0.0001	0.0001	0.0001
Po-209	0.0257	0.0221	0.0425	0.0541
Po-210	0.0000	0.0000	0.0000	0.0000
Po-211	0.0183	0.0122	0.0300	0.0291
Po-212m	0.0712	0.0493	0.1236	0.0853
Po-212	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0000	0.0001	0.0002
Po-214	0.0002	0.0001	0.0003	0.0004
Po-215	0.0007	0.0003	0.0012	0.0009
Po-216	0.0000	0.0000	0.0001	0.0001
Po-218	0.0000	0.0000	0.0000	0.0000
Pr-134	6.6233	4.2403	10.0049	9.3802
Pr-134m	3.0185	1.7627	4.7525	4.6857
Pr-135	1.7235	1.3616	2.3739	1.9212
Pr-136	3.3093	2.2890	5.7080	3.7889
Pr-137	0.5738	0.5208	0.6714	0.7973
Pr-138	0.1987	0.1830	0.2260	0.2991
Pr-138m	5.2786	3.2981	8.6616	9.3533
Pr-139	0.5049	0.5200	0.4889	0.6747

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Pr-140	0.2684	0.2774	0.2582	0.3594
Pr-142	0.0565	0.0506	0.0542	0.0755
Pr-142m	0.0024	0.0042	0.0107	0.0190
Pr-143	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0363	0.0275	0.0520	0.0516
Pr-144m	0.2177	0.2355	0.2500	0.3536
Pr-145	0.0438	0.0323	0.0615	0.0709
Pr-146	1.7431	1.0815	2.8831	2.4347
Pr-147	2.0622	1.7000	2.7514	2.3444
Pr-148	2.1332	1.3625	3.5630	2.7138
Pr-148m	3.2035	2.0246	5.3697	3.7796
Pt-184	4.7410	3.6520	6.9389	5.1520
Pt-186	2.6861	2.2620	3.4764	3.2621
Pt-187	2.9213	2.3203	4.1681	3.6078
Pt-188	1.8780	1.4217	2.8107	2.1056
Pt-189	2.6007	2.2015	3.5568	3.0667
Pt-190	0.0000	0.0000	0.0000	0.0000
Pt-191	2.2109	1.8046	3.1188	2.5237
Pt-193	0.0546	0.0949	0.2326	0.4009
Pt-193m	0.2000	0.2297	0.4099	0.5588
Pt-195m	1.0717	1.0731	1.5426	1.7377
Pt-197	0.3141	0.2962	0.4741	0.4838
Pt-197m	0.7719	0.6898	1.2565	1.2698
Pt-199	0.7521	0.4859	1.3572	0.8013
Pt-200	0.6457	0.5777	0.8826	0.8251
Pt-202	0.0000	0.0000	0.0000	0.0000
Pu-232	0.8408	0.8389	0.9443	1.0760
Pu-234	0.9282	0.9331	1.0621	1.2180
Pu-235	1.1995	1.2060	1.4142	1.6275
Pu-236	0.0494	0.0661	0.0997	0.1270
Pu-237	0.7533	0.7806	0.9413	1.0951
Pu-238	0.0454	0.0610	0.0919	0.1173
Pu-239	0.0230	0.0321	0.0550	0.0777
Pu-240	0.0427	0.0574	0.0865	0.1103
Pu-241	0.0000	0.0000	0.0000	0.0000
Pu-242	0.0367	0.0492	0.0743	0.0947
Pu-243	0.3357	0.3202	0.3655	0.3556
Pu-244	0.0627	0.0621	0.1122	0.1227
Pu-245	1.5602	1.0995	2.4572	2.0866
Pu-246	1.5469	1.3567	1.9855	1.7826
Ra-219	0.9755	0.6446	1.6996	0.9590
Ra-220	0.0168	0.0087	0.0334	0.0195
Ra-221	0.4410	0.3845	0.6494	0.5571

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Ra-222	0.0464	0.0260	0.0881	0.0470
Ra-223	1.2270	1.0284	1.5969	1.3458
Ra-224	0.0715	0.0565	0.0877	0.0767
Ra-225	0.2615	0.3066	0.3290	0.4112
Ra-226	1.3485	1.3798	1.4179	1.4563
Ra-227	0.9720	0.8287	1.5879	1.4544
Ra-228	1.3308	1.3565	1.3639	1.4835
Ra-230	0.6117	0.4945	0.8816	0.6867
Rb-77	1.9224	1.3472	2.6912	2.2090
Rb-78m	3.9984	2.6344	6.3821	5.4509
Rb-78	2.9784	1.8440	5.3355	4.1735
Rb-79	2.4186	1.6889	3.6879	2.5825
Rb-80	0.4809	0.4355	0.5487	0.4577
Rb-81	0.8024	0.5306	1.5748	1.2447
Rb-81m	0.1930	0.2362	0.3382	0.3773
Rb-82	0.2610	0.1683	0.4292	0.5394
Rb-82m	5.4241	3.8199	8.5033	8.5489
Rb-83	1.6256	1.1435	3.3747	1.8243
Rb-84	1.2073	0.7722	2.1402	2.8897
Rb-84m	2.0686	1.4430	3.1158	2.2927
Rb-86m	1.6201	1.1627	2.8195	1.4385
Rb-86	0.1414	0.0791	0.2384	0.2864
Rb-87	0.0000	0.0000	0.0000	0.0000
Rb-88	0.6100	0.4037	0.9895	1.0781
Rb-89	2.6917	1.6241	4.5092	4.6164
Rb-90	1.4094	0.8467	2.5032	2.7485
Rb-90m	3.2377	1.9864	5.4992	6.1052
Re-178	2.8562	2.1644	4.0935	3.9148
Re-179	3.7509	2.5091	5.8709	4.6946
Re-180	2.9105	2.0450	4.4321	5.3842
Re-181	3.4383	2.3278	5.2052	4.6860
Re-182	6.6781	4.7848	9.7443	7.7371
Re-182m	3.2107	2.3443	4.6792	4.1205
Re-183	1.8535	1.4958	2.6316	2.1119
Re-184	2.5989	1.8446	3.9157	4.6604
Re-184m	2.0790	1.6246	3.0537	2.9046
Re-186	0.2377	0.2051	0.3026	0.2534
Re-186m	0.3433	0.4125	0.8145	1.1929
Re-187	0.0000	0.0000	0.0000	0.0000
Re-188	0.3549	0.2358	0.5279	0.3129
Re-188m	0.9913	0.9386	1.3782	1.4263
Re-189	0.4013	0.2873	0.6118	0.4335
Re-190	4.6848	2.9947	7.3333	5.6352

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Re-190m	3.6182	2.4569	5.6458	4.2596
Rh-100m	0.5992	0.5892	0.7933	0.8148
Rh-100	4.0579	2.8035	6.8756	5.3193
Rh-101	2.6605	2.0092	3.8876	2.5705
Rh-101m	1.6912	1.1578	3.0032	1.7712
Rh-102	1.2164	0.7909	2.2659	1.4522
Rh-102m	5.4610	3.7989	8.6115	7.6242
Rh-103m	0.0385	0.0427	0.0659	0.0823
Rh-104	0.0364	0.0263	0.0629	0.0341
Rh-104m	0.7478	0.6187	0.9089	0.7327
Rh-105	0.3900	0.2175	0.7548	0.3719
Rh-106	0.5628	0.3858	1.0085	0.5526
Rh-106m	6.0580	3.8099	10.2159	8.7340
Rh-107	1.5281	0.9124	2.6642	1.6193
Rh-108	1.0655	0.6347	1.7458	1.3499
Rh-109	1.6160	0.9797	2.7456	1.6984
Rh-94	3.7400	2.5292	5.6424	5.6552
Rh-95	2.5047	1.6308	3.9260	4.5441
Rh-95m	1.5989	1.0765	2.9565	1.6838
Rh-96	6.1692	4.6500	8.5134	9.5433
Rh-96m	1.3822	0.9270	2.2163	2.6348
Rh-97	2.1331	1.2058	3.4854	3.4723
Rh-97m	3.1342	2.0666	5.1488	4.1210
Rh-98	1.8620	1.6376	2.1451	2.1296
Rh-99	2.4068	1.7596	3.8697	2.7611
Rh-99m	2.0886	1.3914	3.4614	2.5470
Rn-207	2.9944	2.1250	4.3550	4.0290
Rn-209	3.3129	2.2771	4.7581	4.8506
Rn-210	0.2210	0.1653	0.3313	0.2968
Rn-211	4.2863	3.1698	6.0167	6.1376
Rn-212	0.0008	0.0007	0.0010	0.0011
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	0.0021	0.0019	0.0025	0.0019
Rn-219	0.3085	0.2038	0.4312	0.3929
Rn-220	1.4374	1.4703	1.5458	1.5649
Rn-222	0.0013	0.0007	0.0028	0.0011
Rn-223	1.3064	1.0936	1.8975	1.7645
Ru-103	1.6232	0.9027	3.5699	1.4759
Ru-105	2.1558	1.4987	3.3061	2.9752
Ru-106	0.0000	0.0000	0.0000	0.0000
Ru-107	0.8849	0.5270	1.4580	1.2472

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Ru-108	0.6115	0.3761	0.9065	0.4061
Ru-92	5.9056	4.4600	8.1583	6.6396
Ru-94	1.9547	1.1915	3.1926	3.1192
Ru-95	2.8131	1.8665	4.6077	3.8088
Ru-97	1.8770	1.3212	2.9584	1.8851
S-35	0.0000	0.0000	0.0000	0.0000
S-37	1.3302	0.8519	2.5113	2.1095
S-38	1.2475	0.8271	2.2428	1.8572
Sb-111	2.3591	1.4205	3.9202	2.4954
Sb-113	1.9292	1.1295	3.9220	2.0708
Sb-114	2.5475	1.5994	4.1038	3.5286
Sb-115	1.9635	1.1795	4.0674	2.0125
Sb-116	2.2389	1.4175	3.6315	3.2575
Sb-116m	6.2490	4.0756	9.6567	9.4775
Sb-117	1.7724	1.1772	2.4405	1.4842
Sb-118	0.1808	0.1510	0.2299	0.2723
Sb-118m	5.8048	4.0784	8.3039	8.8046
Sb-119	0.5136	0.5119	0.5373	0.8628
Sb-120	0.2821	0.2658	0.3001	0.4532
Sb-120m	6.1355	3.9665	9.3522	9.0646
Sb-122m	1.1242	1.0124	1.1320	1.1291
Sb-122	1.2659	0.9443	2.0626	1.1756
Sb-124	3.0176	2.5111	3.8539	3.4381
Sb-124m	1.2446	0.9747	1.9128	1.2176
Sb-124n	0.0083	0.0146	0.0374	0.0663
Sb-125	1.7536	1.2707	2.4512	2.0899
Sb-126	7.0222	5.1606	9.4812	10.0635
Sb-126m	4.2522	3.0691	5.6469	5.9112
Sb-127	1.9527	1.3529	2.9939	2.6242
Sb-128	7.6057	5.3229	11.7135	10.8952
Sb-128m	4.8262	3.1114	7.9190	7.5987
Sb-129	2.6197	1.6567	4.2489	4.7035
Sb-130m	5.5081	3.2242	9.1866	10.5558
Sb-130	7.8616	4.6430	13.2744	12.8766
Sb-131	3.2736	2.1922	4.9966	5.5726
Sb-133	3.4289	2.1649	5.5053	5.7054
Sc-42m	4.8089	3.0221	7.4010	6.3983
Sc-43	0.3701	0.1834	0.6019	0.5535
Sc-44	1.6384	0.9283	2.7887	2.6855
Sc-44m	1.4321	1.0532	1.9834	1.5718
Sc-46	3.2302	1.8178	5.4773	6.6554
Sc-47	1.0199	0.5561	1.5534	0.5524
Sc-48	4.9959	2.8851	8.2494	9.4532

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Sc-49	0.0009	0.0007	0.0012	0.0013
Sc-50	4.6534	3.1655	7.3880	6.3125
Se-70	1.6257	1.1687	2.8540	2.8775
Se-71	1.5836	1.0060	2.4200	2.1255
Se-72	0.5878	0.6138	1.0997	1.4337
Se-73	2.3055	1.4551	3.5941	2.9785
Se-73m	0.2444	0.1956	0.4073	0.4384
Se-75	2.7859	2.2655	3.8709	3.5876
Se-77m	0.8499	0.5215	1.4199	0.7527
Se-79m	0.2066	0.2593	0.4440	0.6522
Se-79	0.0000	0.0000	0.0000	0.0000
Se-81	0.0304	0.0208	0.0481	0.0358
Se-81m	0.2593	0.3097	0.4978	0.7164
Se-83m	1.5984	0.9879	2.5605	2.8712
Se-83	5.3549	3.2468	9.1152	7.4779
Se-84	1.6941	0.8007	2.6364	2.7067
Si-31	0.0011	0.0006	0.0019	0.0013
Si-32	0.0000	0.0000	0.0000	0.0000
Sm-139	2.4395	1.7212	3.7888	2.9431
Sm-140	1.3800	1.1282	1.8494	1.7371
Sm-141	2.2075	1.3324	3.3979	3.3057
Sm-141m	4.3912	2.8401	6.9512	6.1596
Sm-142	0.5274	0.5569	0.5727	0.7024
Sm-143	0.3726	0.3679	0.4325	0.5199
Sm-143m	1.4846	1.0178	2.2466	2.7790
Sm-145	1.0996	1.1436	1.1811	1.3836
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	0.0005	0.0011	0.0018
Sm-153	0.9150	0.8793	0.9652	1.0282
Sm-155	1.2062	1.1206	1.2126	1.2880
Sm-156	1.0900	0.8081	1.5318	1.0502
Sm-157	2.0694	1.2642	3.3133	2.1370
Sn-106	3.4487	2.3200	5.1048	4.9250
Sn-108	3.3260	2.2889	4.4795	4.4170
Sn-109	3.1226	2.1088	4.8147	4.9263
Sn-110	1.9392	1.4616	2.7773	2.2131
Sn-111	0.4999	0.4247	0.6401	0.7989
Sn-113	0.4371	0.4280	0.4640	0.6852
Sn-113m	0.2960	0.2935	0.3026	0.4858
Sn-117m	1.7087	1.1057	2.3926	1.3449
Sn-119m	0.3323	0.3355	0.3696	0.5921



<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Sn-121	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.1080	0.1108	0.1190	0.1921
Sn-123	0.0104	0.0058	0.0176	0.0206
Sn-123m	1.3473	0.7625	2.0235	0.8029
Sn-125m	1.5989	0.8601	2.9799	1.7331
Sn-125	0.5298	0.3005	0.9120	1.0363
Sn-126	0.8258	0.7696	0.8068	0.8691
Sn-127m	1.6156	0.8839	3.4693	1.5840
Sn-127	3.3181	2.0034	5.5451	5.5292
Sn-128	2.9889	2.2185	4.4224	3.4201
Sn-129	2.1150	1.7656	2.5517	2.5397
Sn-130	3.6872	2.4136	5.5893	4.8086
Sn-130m	2.2204	1.6080	3.1030	3.1722
Sr-79	1.2726	1.0489	1.7205	1.4591
Sr-80	1.2531	1.0141	1.9686	1.4039
Sr-81	2.2103	1.3881	3.4364	2.2066
Sr-82	0.1455	0.2175	0.3267	0.3885
Sr-83	1.4243	1.0298	2.3586	2.6677
Sr-85	1.7190	1.1278	3.7509	1.7760
Sr-85m	1.5677	1.1313	2.1551	1.5492
Sr-87m	1.3841	0.6861	2.1073	2.2434
Sr-89	0.0002	0.0001	0.0003	0.0004
Sr-90	0.0000	0.0000	0.0000	0.0000
Sr-91	1.3255	0.8809	1.9974	2.4846
Sr-92	1.6325	1.1128	2.3722	2.0749
Sr-93	4.2185	2.9393	6.4263	5.8683
Sr-94	1.6302	1.2067	2.1748	2.0734
Ta-170	1.3656	1.0249	1.9427	2.0022
Ta-172	3.4658	2.3646	5.2642	4.6394
Ta-173	2.1077	1.5731	2.9893	2.4805
Ta-174	2.4811	1.7144	3.8049	2.8244
Ta-175	3.3763	2.4307	4.7875	4.0995
Ta-176	3.5290	2.5460	5.2146	4.7233
Ta-177	0.8593	0.7050	1.0916	0.9080
Ta-178	0.8885	0.7255	1.1523	0.9788
Ta-178m	7.1035	4.5455	11.1543	7.8366
Ta-179	0.3808	0.3257	0.5464	0.5163
Ta-180	0.6985	0.5796	0.8941	0.7582
Ta-182	3.0501	2.1012	4.5661	3.9210
Ta-182m	2.6852	1.8726	4.1560	2.6611
Ta-183	2.5490	1.9890	3.5810	2.9548
Ta-184	5.5463	3.5444	8.6236	8.3606
Ta-185	1.4086	0.9967	2.1859	1.4671

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Ta-186	5.3602	3.6311	8.4942	6.1325
Tb-146	3.3065	2.4912	4.2995	5.0385
Tb-147m	2.0095	1.5207	2.7569	2.5464
Tb-147	3.7413	2.6368	5.4919	5.2104
Tb-148m	7.1621	4.7708	10.3693	11.9969
Tb-148	3.0012	1.9786	4.8828	5.1187
Tb-149m	2.8405	2.0107	4.1720	4.9082
Tb-149	3.3418	2.1761	5.0816	4.6504
Tb-150m	7.2496	5.4080	10.4220	8.5122
Tb-150	3.4284	2.7252	4.7257	4.2500
Tb-151	4.2516	3.1545	5.9870	4.9803
Tb-151m	0.4826	0.3739	0.8566	0.9705
Tb-152m	3.7346	2.5260	5.7013	4.2433
Tb-152	3.0048	1.9828	4.7449	4.0060
Tb-153	2.2358	1.7202	3.0941	2.5476
Tb-154	3.3226	2.4415	5.0134	4.6668
Tb-155	2.0518	1.7410	2.4337	2.1080
Tb-156	5.1223	3.4393	8.2568	6.2076
Tb-156m	0.5744	0.3685	0.6412	0.3605
Tb-156n	0.0807	0.0917	0.1710	0.2490
Tb-157	0.0993	0.1092	0.1847	0.2568
Tb-158	2.2654	1.5825	3.3712	4.0153
Tb-160	2.5270	1.5603	4.1111	4.2225
Tb-161	0.5930	0.5178	0.7257	0.7706
Tb-162	3.3571	2.2680	4.9490	5.3803
Tb-163	3.1078	1.7713	5.3649	3.7832
Tb-164	5.6971	3.9594	8.4960	7.4463
Tb-165	1.2859	0.8354	2.0950	1.6767
Tc-101	1.6511	1.0012	3.0103	1.5751
Tc-102m	4.0974	2.7093	6.8082	5.2126
Tc-102	0.1919	0.1115	0.3595	0.2417
Tc-104	3.8334	2.3252	6.4070	5.2526
Tc-105	2.6424	1.8371	3.9609	2.9273
Tc-91	1.3929	0.9793	2.1535	2.1128
Tc-91m	1.0806	0.6279	2.2654	1.0987
Tc-92	5.9414	4.0739	8.7348	7.8312
Tc-93	1.8499	1.4571	2.5453	2.3332
Tc-93m	1.5169	0.8658	2.3917	2.4432
Tc-94	5.2657	3.5320	8.2047	10.3327
Tc-94m	1.9194	1.1777	3.2030	4.1006
Tc-95	1.8792	1.3576	2.9414	3.5857
Tc-95m	2.5085	1.7258	4.0709	3.2432
Tc-96	5.0722	3.1286	8.4993	10.7206

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Tc-96m	0.2262	0.2191	0.3479	0.3655
Tc-97	0.2733	0.3258	0.3926	0.3927
Tc-97m	0.2206	0.2504	0.3198	0.3288
Tc-98	3.2695	2.6303	4.1637	4.7017
Tc-99	0.0000	0.0000	0.0000	0.0000
Tc-99m	1.2977	1.0067	1.6085	1.0264
Te-113	1.7421	1.1212	2.7686	2.9272
Te-114	2.5767	1.9333	3.5677	3.6505
Te-115	2.6558	1.8618	3.8545	3.7098
Te-115m	3.0024	2.0550	4.5520	4.8331
Te-116	1.2212	1.1544	1.1990	1.5896
Te-117	2.1511	1.6332	2.9622	3.5215
Te-118	0.4263	0.4197	0.4082	0.6611
Te-119	2.1060	1.9384	2.2248	2.4730
Te-119m	3.6644	2.3832	5.5037	4.6414
Te-121	2.0843	1.6359	3.1958	2.1450
Te-121m	1.6726	1.1375	2.4912	1.7414
Te-123	0.0079	0.0134	0.0332	0.0586
Te-123m	1.5498	0.9780	2.1953	1.1444
Te-125m	0.7449	0.7358	0.6965	1.1135
Te-127	0.0211	0.0107	0.0337	0.0306
Te-127m	0.2329	0.2312	0.2314	0.3705
Te-129	0.2970	0.2127	0.4866	0.4378
Te-129m	0.2368	0.2211	0.2538	0.3661
Te-131	1.8544	1.1747	2.8171	1.8626
Te-131m	3.3227	2.1282	5.2195	5.5439
Te-132	2.0184	1.5382	2.5350	2.1176
Te-133	2.6982	1.5792	4.6136	3.7517
Te-133m	3.8757	2.5236	6.0100	6.5421
Te-134	3.3239	2.2085	5.0806	4.0710
Th-223	0.9299	0.8853	1.1184	1.1207
Th-224	0.1956	0.1247	0.3091	0.1773
Th-226	0.1049	0.1081	0.1442	0.1615
Th-227	1.0649	0.9236	1.6291	1.4859
Th-228	0.0563	0.0678	0.1033	0.1248
Th-229	1.2445	1.2331	1.7500	1.8322
Th-230	1.0583	1.1146	1.0561	0.9420
Th-231	0.4868	0.5811	0.8093	1.0413
Th-232	1.2182	1.2493	1.3316	1.3366
Th-233	0.2292	0.2089	0.3758	0.4018
Th-234	0.1528	0.1566	0.1981	0.2071
Th-235	0.1625	0.1108	0.2422	0.2409
Th-236	0.2232	0.1975	0.3009	0.2856

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Ti-44	1.8389	1.6170	1.7167	1.1462
Ti-45	0.0077	0.0081	0.0184	0.0276
Ti-51	1.6118	0.8846	3.1123	1.7012
Ti-52	1.4467	1.4259	1.4932	1.5583
Tl-190	2.2537	1.4110	3.3138	3.1949
Tl-190m	5.9829	4.2183	8.5258	7.9491
Tl-194	2.2585	1.5493	3.2464	2.9564
Tl-194m	7.4367	5.5139	10.4060	9.7418
Tl-195	2.6821	2.0979	4.0126	3.8234
Tl-196	3.7190	2.5682	5.4297	5.0457
Tl-197	1.9567	1.5428	2.6641	2.3221
Tl-198	4.0553	2.7625	5.8773	5.6497
Tl-198m	4.6870	3.6103	6.4739	5.5003
Tl-199	1.8244	1.4387	2.5386	2.0223
Tl-200	3.7081	2.4403	5.6175	4.9585
Tl-201	1.1937	1.0752	1.5181	1.3204
Tl-202	2.3372	1.5203	3.6972	2.9606
Tl-204	0.0175	0.0168	0.0219	0.0216
Tl-206m	7.8746	5.2861	12.0628	10.4521
Tl-206	0.0010	0.0009	0.0011	0.0011
Tl-207	0.0043	0.0024	0.0072	0.0098
Tl-208	3.6593	2.5533	6.2298	4.4511
Tl-209	4.4963	3.4735	6.0754	5.3059
Tl-210	4.9067	3.0685	8.2975	7.9772
Tm-161	3.9352	2.8993	5.1526	4.1855
Tm-162	2.5265	1.7655	3.7304	3.5450
Tm-163	3.6668	2.6239	5.0124	4.1653
Tm-164	0.8961	0.6488	1.2218	1.0875
Tm-165	2.8980	2.0090	4.1240	3.2504
Tm-166	3.8172	2.5960	5.7865	5.0971
Tm-167	1.5253	1.0316	2.2508	1.4959
Tm-168	4.4027	2.8014	6.9070	6.0822
Tm-170	0.0593	0.0525	0.0780	0.0793
Tm-171	0.0093	0.0073	0.0121	0.0099
Tm-172	0.7531	0.5616	1.0478	1.0755
Tm-173	1.6620	0.8054	2.4720	2.6857
Tm-174	6.2472	3.7470	9.9574	8.7584
Tm-175	2.7687	1.6600	5.0184	3.8662
Tm-176	4.3144	2.6311	6.9842	5.9271
U-227	1.0833	0.9668	1.3722	1.3132
U-228	0.0789	0.0877	0.1254	0.1426
U-230	0.0590	0.0753	0.1137	0.1385
U-231	1.3335	1.4368	1.7888	2.1456

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
U-232	0.0488	0.0666	0.1006	0.1291
U-233	0.0255	0.0346	0.0542	0.0707
U-234	0.8770	0.9059	0.8564	0.7518
U-235	1.4760	1.4878	1.4732	1.6816
U-235m	0.0000	0.0000	0.0000	0.0000
U-236	0.0389	0.0540	0.0821	0.1064
U-237	1.6823	1.5018	2.2394	2.0152
U-238	1.1114	1.1496	1.1540	1.2155
U-239	0.5975	0.5470	0.6160	0.4965
U-240	0.1736	0.2095	0.3103	0.3874
U-242	0.2590	0.2039	0.3403	0.2077
V-47	0.0104	0.0082	0.0172	0.0173
V-48	3.3824	1.9995	5.5890	6.1889
V-49	0.0204	0.0360	0.0925	0.1637
V-50	1.5519	1.2974	1.7973	2.3865
V-52	1.5735	1.1731	2.0618	1.9620
V-53	1.6679	0.9373	2.7813	3.7063
W-177	4.3546	3.2483	6.1328	5.5372
W-178	0.2467	0.2344	0.4127	0.4655
W-179	0.8430	0.7544	1.1454	1.1641
W-179m	0.6568	0.5479	0.9047	0.7601
W-181	0.5871	0.5017	0.7881	0.6932
W-185m	0.3747	0.3928	0.7973	1.0218
W-185	0.0007	0.0006	0.0008	0.0007
W-187	1.5779	1.2027	2.2975	1.7654
W-188	0.0129	0.0094	0.0198	0.0140
W-190	1.7579	1.3154	2.4453	1.5543
Xe-120	2.1176	1.6738	2.7045	2.7581
Xe-121	1.9517	1.4258	2.7730	2.5963
Xe-122	0.7228	0.6082	0.8212	0.9583
Xe-123	1.8619	1.3202	2.5465	2.0118
Xe-125	2.1810	1.5917	2.9197	2.3153
Xe-127	2.3891	1.5452	3.5599	2.3973
Xe-127m	1.8615	1.5591	2.1583	1.7865
Xe-129m	0.9239	0.8847	0.8899	1.2418
Xe-131m	0.3788	0.3627	0.3644	0.5226
Xe-133	0.7232	0.6761	0.6238	0.6877
Xe-133m	0.5139	0.4663	0.5305	0.6640
Xe-135	1.5210	1.2515	1.6903	1.6764
Xe-135m	1.3985	0.8967	2.7601	1.2758
Xe-137	0.5714	0.2963	1.0813	0.7329
Xe-138	1.9283	1.2910	2.9605	2.6672
Y-81	1.5153	1.3332	1.7620	1.7030

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Y-83	0.9828	0.7558	1.5742	1.5769
Y-83m	1.3589	0.9824	1.9551	1.6421
Y-84m	5.2278	3.2085	8.4666	10.4566
Y-85	1.2205	0.7227	2.6467	1.3738
Y-85m	1.2316	0.8912	1.9639	1.7324
Y-86	5.2393	3.5400	8.2490	8.4318
Y-86m	1.5608	0.9292	2.5882	1.3815
Y-87	1.6596	1.0327	3.5575	1.8787
Y-87m	1.3274	0.6776	2.0769	2.0491
Y-88	3.1463	2.1804	5.1396	5.9872
Y-89m	1.5980	0.8999	2.7004	3.7129
Y-90	0.0000	0.0000	0.0000	0.0000
Y-90m	3.0873	1.6774	5.9383	2.8963
Y-91	0.0042	0.0024	0.0072	0.0059
Y-91m	1.5760	1.1335	2.7481	1.4036
Y-92	0.4279	0.2569	0.7095	0.8001
Y-93	0.2075	0.1483	0.2984	0.2831
Y-94	1.2571	0.7344	2.1065	2.6123
Y-95	0.9233	0.5785	1.5812	1.5713
Yb-162	2.1192	1.5431	2.7980	1.9171
Yb-163	1.4916	1.0563	2.1561	2.0788
Yb-164	0.6933	0.4925	0.8794	0.6543
Yb-165	1.8958	1.4610	2.5086	2.2301
Yb-166	1.3012	0.9571	1.5754	1.1710
Yb-167	3.1894	2.5124	3.9576	3.2495
Yb-169	3.7076	2.6296	5.0307	3.2715
Yb-175	0.2197	0.1378	0.3045	0.2915
Yb-177	0.7140	0.4742	1.0248	0.7761
Yb-178	0.1747	0.0902	0.2798	0.2613
Yb-179	3.0268	2.3338	4.2483	3.0713
Zn-60	1.6971	1.3713	2.1422	1.9175
Zn-61	0.7096	0.4543	1.2203	0.9553
Zn-62	1.3280	1.0997	2.2881	1.8073
Zn-63	0.2797	0.2085	0.4071	0.4985
Zn-65	0.8941	0.5852	1.7117	2.0723
Zn-69	0.0000	0.0000	0.0000	0.0000
Zn-69m	1.5681	0.7759	2.8190	2.1816
Zn-71	0.8582	0.5038	1.6636	1.0711
Zn-71m	4.9289	3.1201	8.0061	5.9441
Zn-72	1.5729	1.2316	2.3705	1.8393
Zr-85	1.4657	0.7946	2.5515	2.0715
Zr-86	2.1606	1.9500	2.7096	2.5543
Zr-87	0.1533	0.1213	0.2554	0.2442

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Zr-88	1.8279	1.0536	2.7460	3.0264
Zr-89	1.7801	1.1399	2.9886	4.0184
Zr-89m	1.5953	1.3208	2.2291	1.4720
Zr-93	0.0000	0.0000	0.0000	0.0000
Zr-95	1.5704	1.1012	2.3102	2.8130
Zr-97	1.8652	1.2780	2.8426	3.1900

Table 10: Composite 1 - 15 cm Contamination Thickness for 10x10x10 ft and 50x50x10 ft rooms

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Ac-223	0.2621	0.2237	0.2954	0.2984	0.2443	0.2035	0.2108	0.2845
Ac-224	2.4136	2.2044	2.2821	2.4391	2.4884	2.0199	2.0093	2.5659
Ac-225	0.3354	0.2926	0.4041	0.4020	0.3204	0.2662	0.2776	0.3891
Ac-226	1.1580	1.0564	1.1273	1.1189	1.2196	1.0161	0.9822	1.5481
Ac-227	0.0783	0.0614	0.1021	0.1041	0.0654	0.0533	0.0577	0.0896
Ac-228	1.9964	1.8826	1.9489	1.8077	2.2130	1.7673	1.8236	2.5958
Ac-230	0.9044	0.8562	0.9133	0.8214	0.9835	0.8218	0.8462	1.2009
Ac-231	2.7024	2.5334	2.5291	2.4199	2.9006	2.4684	2.3945	2.8291
Ac-232	1.4050	1.3272	1.3951	1.2583	1.5719	1.2598	1.3362	2.1147
Ac-233	1.7254	1.6243	1.7177	1.3374	1.8434	1.6014	1.6156	1.7792
Ag-100m	2.5396	2.4126	2.3906	1.9959	2.9631	2.2866	2.4101	3.8202
Ag-101	2.1591	2.0540	2.0521	1.8294	2.4535	2.0171	1.9566	2.5461
Ag-102m	1.7091	1.6137	1.6164	1.3780	1.9143	1.5877	1.7142	2.3862
Ag-102	4.0823	3.8892	3.8768	3.2387	4.6534	3.7404	3.8942	5.5317
Ag-103	2.1454	2.0918	2.1396	2.0574	2.4634	1.9874	1.8785	2.5866
Ag-104	4.9795	4.7759	4.7885	4.1332	5.7579	4.5348	4.6561	6.5063
Ag-104m	2.1616	2.0658	2.1737	1.7646	2.4418	2.0311	2.0765	2.5752
Ag-105	2.5066	2.4594	2.6160	2.3383	2.9000	2.4567	2.3779	2.3594
Ag-105m	0.0348	0.0257	0.0399	0.0431	0.0271	0.0217	0.0242	0.0381
Ag-106	0.5420	0.5375	0.6209	0.5404	0.6307	0.5313	0.4983	0.4719
Ag-106m	6.2287	5.9950	6.0102	5.1190	7.0523	5.7939	5.8159	7.5383
Ag-108	0.0508	0.0496	0.0569	0.0467	0.0610	0.0484	0.0464	0.0580
Ag-108m	4.5997	4.4360	4.6675	3.8191	5.2869	4.3266	4.2524	5.4077
Ag-109m	0.3273	0.3268	0.3958	0.4228	0.3875	0.3195	0.2807	0.2292
Ag-110	0.0660	0.0625	0.0676	0.0511	0.0789	0.0596	0.0613	0.0930
Ag-110m	4.4747	4.2425	4.1189	3.4874	5.2416	3.9576	4.1806	6.6433
Ag-111	0.1226	0.1184	0.1121	0.0968	0.1349	0.1200	0.1148	0.1152
Ag-111m	0.1903	0.1861	0.2330	0.2439	0.2209	0.1821	0.1643	0.1442
Ag-112	1.0378	0.9810	1.0128	0.7950	1.2059	0.9449	0.9873	1.4973
Ag-113m	0.8916	0.8572	0.8500	0.7365	0.9901	0.8532	0.8282	0.9105
Ag-113	0.2704	0.2583	0.2475	0.2150	0.3040	0.2579	0.2524	0.2784
Ag-114	0.4817	0.4570	0.4672	0.3662	0.5386	0.4472	0.4613	0.6005
Ag-115	0.9313	0.8795	0.8216	0.7544	1.0343	0.8556	0.8584	1.1671
Ag-116	2.8029	2.6364	2.6010	2.1516	3.0860	2.5972	2.7961	3.6388
Ag-117	1.8123	1.7301	1.6205	1.4960	2.0004	1.6817	1.7450	2.5444
Ag-99	2.6628	2.5263	2.3988	2.1906	3.0193	2.4566	2.4511	3.4539
Al-26	1.3296	1.2791	1.1248	1.0748	1.4723	1.2356	1.3371	2.2450
Al-28	1.2907	1.2446	1.0914	1.0445	1.4287	1.2015	1.2913	2.1779
Al-29	1.3172	1.2564	1.1161	1.0433	1.5057	1.1876	1.2643	2.2021
Am-237	2.7145	2.5752	2.8100	2.7472	2.9180	2.4503	2.3541	2.8275
Am-238	2.6636	2.5280	2.7073	2.6206	2.9413	2.3310	2.3600	3.2995
Am-239	2.8992	2.7245	3.1429	3.2196	3.0699	2.5201	2.4365	3.0643



<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Am-240	2.8649	2.7071	2.9279	2.8871	3.1848	2.4665	2.5327	3.6853
Am-241	0.6707	0.7060	0.6426	0.6330	0.7339	0.7804	0.6899	0.6418
Am-242	0.4121	0.3914	0.5308	0.5295	0.4472	0.3637	0.3472	0.4286
Am-242m	0.2761	0.2542	0.3968	0.3865	0.2938	0.2379	0.2289	0.2912
Am-243	0.9184	0.8198	0.7993	0.9825	0.9271	0.7755	0.9326	0.7183
Am-244	2.6511	2.5113	2.9354	2.7320	3.0221	2.3439	2.3605	3.5388
Am-244m	0.1576	0.1498	0.2137	0.2076	0.1761	0.1407	0.1346	0.1706
Am-245	0.3273	0.3114	0.3425	0.3495	0.3554	0.2921	0.2732	0.3404
Am-246	3.5633	3.3613	3.9874	3.7143	4.0318	3.1584	3.1148	4.5215
Am-246m	1.7244	1.6349	1.6309	1.5381	1.9791	1.5043	1.5777	2.4618
Am-247	1.2054	1.1535	1.2298	1.2387	1.3163	1.0823	1.0302	1.2243
Ar-37	0.0369	0.0254	0.0429	0.0477	0.0259	0.0203	0.0240	0.0421
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	1.2861	1.2343	1.0906	1.0217	1.4748	1.1599	1.2105	2.1484
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	1.6657	1.5720	1.4365	1.3049	1.8925	1.4857	1.6227	2.5624
Ar-44	2.3957	2.2601	2.0343	1.9465	2.6352	2.1651	2.2507	3.8517
As-68	3.2290	3.0498	2.8435	2.5272	3.7225	2.8536	3.0870	5.0002
As-69	0.4981	0.4514	0.4468	0.4457	0.5205	0.4282	0.4289	0.6438
As-70	4.2682	4.0312	3.7557	3.3739	4.8755	3.7662	4.0194	6.5068
As-71	1.9125	1.6433	1.8328	1.8127	1.8824	1.5240	1.5670	2.9314
As-72	1.4540	1.3547	1.3031	1.1906	1.6581	1.2396	1.3496	2.1507
As-73	1.4015	0.9812	1.6072	1.7687	1.0247	0.8047	0.9669	1.5766
As-74	1.3508	1.2189	1.4170	1.1347	1.4655	1.1574	1.1991	1.7122
As-76	0.9681	0.9187	0.9531	0.7312	1.0876	0.8970	0.9140	1.1740
As-77	0.0448	0.0416	0.0402	0.0374	0.0484	0.0413	0.0388	0.0495
As-78	1.9437	1.8416	1.8422	1.4985	2.2493	1.7608	1.8439	2.8219
As-79	0.0929	0.0897	0.0852	0.0714	0.1019	0.0886	0.0869	0.1043
At-204	6.3853	5.9979	6.1233	5.1791	6.9461	5.7992	5.8760	7.2193
At-205	2.8596	2.6081	2.6416	2.5807	3.0302	2.4266	2.5524	3.3829
At-206	6.3450	5.9621	5.9089	5.2096	6.8883	5.7407	5.8227	7.3543
At-207	4.5476	4.1914	4.1557	3.9716	4.8970	3.9295	4.1445	5.5721
At-208	6.9735	6.4294	6.4905	5.9086	7.7279	6.0072	6.3230	9.4317
At-209	6.6010	6.0883	6.0539	5.7189	7.1209	5.6841	5.9586	7.8700
At-210	5.2950	4.8937	4.6675	4.6881	5.6778	4.6137	4.7049	6.9547
At-211	0.6099	0.5232	0.5572	0.6596	0.5668	0.4682	0.5038	0.5297
At-215	0.0007	0.0007	0.0007	0.0006	0.0007	0.0007	0.0006	0.0007
At-216	0.0319	0.0281	0.0285	0.0329	0.0309	0.0256	0.0278	0.0280
At-217	0.0015	0.0014	0.0013	0.0013	0.0016	0.0013	0.0013	0.0015
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	2.1861	2.0498	1.9904	1.8227	2.3822	2.0416	1.9246	2.3107
Au-186	3.2485	2.9771	2.9044	2.8195	3.4828	2.8508	3.1646	3.8617

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Au-187	2.6245	2.3381	2.4555	2.5018	2.6723	2.2275	2.7099	3.0346
Au-190	3.9814	3.6555	3.6231	3.4348	4.2723	3.6124	4.1554	4.5949
Au-191	3.3334	2.9961	3.1650	3.1166	3.4063	2.9089	3.4067	3.4320
Au-192	3.6723	3.3848	3.3388	3.2070	3.9222	3.3149	3.8446	4.1751
Au-193	1.9517	1.6903	1.8257	2.0155	1.9035	1.6179	2.1438	1.8707
Au-193m	1.6417	1.4397	1.5766	1.5841	1.6430	1.3985	1.4251	1.7051
Au-194	2.9229	2.6864	2.6858	2.6220	3.0806	2.6216	3.0526	3.0862
Au-195	1.6571	1.3780	1.6348	1.8610	1.5168	1.2825	1.8011	1.5157
Au-195m	1.6563	1.4553	1.5953	1.5955	1.6593	1.4137	1.4522	1.7039
Au-196	2.7613	2.5600	2.5717	2.4588	2.8586	2.5491	2.8670	2.5005
Au-196m	3.2248	2.7469	3.1441	3.3339	3.0759	2.5292	2.9585	3.9513
Au-198	1.4983	1.4660	1.3918	1.1560	1.5721	1.4993	1.3861	1.4839
Au-198m	4.8218	4.2756	4.2922	4.5685	4.8989	4.0026	4.3778	5.3074
Au-199	0.9998	0.8789	0.9437	0.9486	1.0059	0.8371	0.8923	1.6619
Au-200	0.5133	0.4957	0.4576	0.4046	0.5661	0.4876	0.4835	0.6367
Au-200m	7.1937	6.7656	6.7191	5.8082	7.8427	6.6264	6.6180	8.3423
Au-201	0.1755	0.1544	0.1799	0.1652	0.1737	0.1459	0.1561	0.1964
Au-202	0.3518	0.3378	0.3187	0.2733	0.3845	0.3299	0.3302	0.4282
Ba-124	1.6219	1.5223	1.5503	1.7035	1.8322	1.5209	1.4658	1.8307
Ba-126	2.1264	2.0045	2.0044	2.1004	2.4157	1.9981	1.9149	2.2700
Ba-127	0.8525	0.8023	0.8251	0.9656	0.9622	0.7994	0.7776	0.9003
Ba-128	0.8634	0.8149	0.8852	1.0792	0.9947	0.8534	0.7770	0.6871
Ba-129	0.9510	0.8947	0.9363	1.1130	1.0825	0.9020	0.8456	0.8696
Ba-129m	4.2962	4.0523	3.9740	3.8750	4.7867	3.9474	3.9078	5.2729
Ba-131	2.7703	2.6474	2.6604	2.7217	3.0713	2.6263	2.4993	2.5442
Ba-131m	1.0668	0.9984	1.0255	1.2382	1.1509	0.9474	0.9065	0.9758
Ba-133	2.8739	2.7264	2.6964	2.9523	3.1708	2.7755	2.6303	2.3984
Ba-133m	0.8356	0.7546	0.8576	0.9997	0.9072	0.7705	0.7295	0.7318
Ba-135m	0.6971	0.6475	0.7012	0.8395	0.7928	0.6767	0.6253	0.5854
Ba-137m	1.3150	1.2389	1.3354	1.0388	1.5672	1.1864	1.2221	1.8369
Ba-139	0.3712	0.3371	0.3406	0.3364	0.3976	0.3304	0.3230	0.6973
Ba-140	0.9257	0.8461	0.9408	0.8708	0.9657	0.8306	0.8221	1.0140
Ba-141	2.7250	2.5710	2.4350	2.2036	3.0304	2.5131	2.5054	3.2681
Ba-142	2.3258	2.1842	2.0161	1.9717	2.6059	2.1006	2.1226	2.9329
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.1834	0.1762	0.1767	0.1378	0.1940	0.1770	0.1736	0.1749
Bi-197	3.2673	2.9784	2.9084	2.9384	3.4693	2.7430	3.0139	4.1022
Bi-200	7.1495	6.6916	6.4694	5.9750	7.5695	6.4809	6.5927	7.8115
Bi-201	3.2978	3.0117	2.9095	2.9677	3.4957	2.7866	3.0889	4.2133
Bi-202	6.3395	5.9138	5.7535	5.2948	6.9022	5.6134	5.8927	7.8196
Bi-203	4.1071	3.7810	3.6216	3.6325	4.4086	3.5168	3.8735	5.3914
Bi-204	6.2525	5.8158	5.5196	5.3073	6.8022	5.4539	5.8253	7.8901
Bi-205	3.1399	2.8644	2.8501	2.8168	3.3264	2.6708	2.9463	3.9889

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Bi-206	7.5412	7.0142	6.8095	6.3706	8.1833	6.6084	7.0739	9.2904
Bi-207	3.8037	3.4915	3.5309	3.2636	4.0795	3.2829	3.5504	4.5508
Bi-208	2.0774	1.7803	1.8461	1.8530	2.1018	1.7659	2.2961	2.9340
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.4400	1.3426	1.3059	1.2183	1.5638	1.3429	1.3128	1.4226
Bi-211	0.2284	0.2180	0.2095	0.1871	0.2435	0.2188	0.2185	0.2089
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	0.2672	0.2329	0.2740	0.2560	0.2703	0.2119	0.2300	0.3505
Bi-213	0.5027	0.4816	0.4707	0.4005	0.5245	0.4820	0.4631	0.4874
Bi-214	1.8560	1.7595	1.7058	1.4514	2.1207	1.6803	1.7746	2.7615
Bi-215	1.0412	0.9683	0.9390	0.8968	1.1183	0.9413	0.9414	1.0586
Bi-216	2.4242	2.3168	2.3667	1.8492	2.6268	2.3050	2.2699	2.5573
Bk-245	2.5000	2.3988	2.6160	2.7025	2.7148	2.2161	2.0863	2.5782
Bk-246	2.7657	2.6391	2.8960	2.8431	3.1130	2.4120	2.4358	3.4345
Bk-247	1.3217	1.2340	1.1976	1.3082	1.3970	1.1661	1.1203	1.2536
Bk-248m	0.5566	0.5354	0.6386	0.6369	0.6109	0.4962	0.4745	0.5712
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	1.4683	1.3885	1.3344	1.2854	1.6948	1.2638	1.3458	2.1413
Bk-251	1.2479	1.2037	1.3687	1.4361	1.3679	1.0954	1.0390	1.3877
Br-72	2.7109	2.5640	2.3742	2.1593	3.0615	2.4058	2.5714	3.9469
Br-73	1.4545	1.3635	1.3504	1.2707	1.5913	1.3178	1.5644	1.6254
Br-74	2.9721	2.7287	2.7722	2.3213	3.3931	2.6904	2.9882	4.6413
Br-74m	3.7391	3.4933	3.5698	2.9145	4.3301	3.3596	3.6104	5.6711
Br-75	2.0682	1.9385	1.9372	1.7266	2.2398	1.9182	1.8580	2.1769
Br-76	2.9919	2.7708	2.8978	2.4139	3.2694	2.6834	2.8809	4.0662
Br-76m	1.1731	0.9309	1.3000	1.2411	1.0720	0.8612	1.0570	1.1940
Br-77	1.7458	1.5348	1.8185	1.6342	1.7260	1.4526	1.4711	1.9266
Br-77m	0.5261	0.4394	0.6595	0.6115	0.4601	0.3777	0.4064	0.5863
Br-78	0.2437	0.2216	0.2620	0.2039	0.2688	0.2100	0.2180	0.3191
Br-80	0.1539	0.1384	0.1671	0.1326	0.1674	0.1299	0.1357	0.2029
Br-80m	1.0466	0.8401	1.2651	1.2273	0.9180	0.7678	0.8650	1.0478
Br-82m	0.4024	0.3171	0.5574	0.4904	0.3261	0.2679	0.3026	0.4630
Br-82	4.7652	4.5229	4.4403	3.6924	5.4933	4.2754	4.4679	6.6389
Br-83	0.0227	0.0215	0.0224	0.0171	0.0246	0.0213	0.0215	0.0234
Br-84m	4.2708	4.1194	3.7646	3.3440	4.7469	3.9664	4.0001	5.7955
Br-84	1.5061	1.4096	1.2911	1.1842	1.7204	1.3431	1.5078	2.4094
Br-85	0.1008	0.0956	0.0867	0.0800	0.1167	0.0879	0.0946	0.1512
C-10	1.4033	1.3277	1.3369	1.0882	1.6618	1.2414	1.3110	2.0407
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	0.0660	0.0454	0.0767	0.0852	0.0462	0.0363	0.0428	0.0751
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	1.1772	1.1288	1.0151	0.9302	1.3414	1.0656	1.1090	1.8636

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Ca-49	1.2701	1.1422	1.1290	0.9763	1.4515	1.1908	1.5406	2.3222
Cd-101	2.6066	2.5025	2.4227	2.3586	2.9265	2.3872	2.4231	3.4679
Cd-102	2.5570	2.4883	2.5722	2.2968	2.8485	2.4448	2.3564	2.5198
Cd-103	2.2307	2.1571	2.1599	2.0597	2.5614	2.0927	2.1372	2.9520
Cd-104	1.7061	1.6549	1.7638	1.8654	1.9556	1.5903	1.5117	1.4561
Cd-105	1.5522	1.5101	1.5404	1.4622	1.7956	1.4674	1.4664	1.9388
Cd-107	0.9392	0.9544	1.1701	1.2321	1.1407	0.9410	0.8139	0.6431
Cd-109	0.8754	0.8888	1.0932	1.1529	1.0627	0.8765	0.7574	0.5924
Cd-111m	2.0978	1.9733	1.9504	1.9405	2.3207	1.9691	1.7726	2.4756
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	0.0009	0.0009	0.0008	0.0007	0.0006
Cd-115	0.6997	0.6671	0.6860	0.5458	0.7569	0.6647	0.6585	0.6924
Cd-115m	0.0469	0.0446	0.0401	0.0368	0.0538	0.0412	0.0439	0.0702
Cd-117	1.9043	1.8247	1.6806	1.5442	2.1258	1.7785	1.7667	2.4308
Cd-117m	2.2269	2.1100	1.9422	1.7516	2.5185	2.0087	2.1722	3.3877
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	2.2739	2.1739	1.9944	1.8282	2.5403	2.1181	2.1832	3.0244
Cd-119m	2.5783	2.4487	2.2397	2.0461	2.9177	2.3272	2.4919	3.9171
Ce-130	2.4657	2.3049	2.2637	2.4889	2.7357	2.2409	2.1996	2.5673
Ce-131	3.0942	2.9068	2.8715	2.7860	3.3913	2.8500	2.8144	3.8039
Ce-132	2.3364	2.1272	2.1192	2.2763	2.5456	2.1062	2.0773	2.9689
Ce-133	1.8781	1.7064	1.7546	2.1418	2.0183	1.7066	1.7075	1.5799
Ce-133m	4.4080	4.1501	4.0982	3.9694	4.8621	4.0956	4.2104	4.8842
Ce-134	0.6809	0.6065	0.6759	0.8775	0.7501	0.6366	0.6278	0.5147
Ce-135	3.2627	3.0448	3.0804	2.9557	3.6462	3.0382	2.9975	3.4254
Ce-137	0.8233	0.7150	0.8346	1.0461	0.8646	0.7326	0.7323	0.6629
Ce-137m	0.7123	0.6212	0.6553	0.7900	0.7518	0.6400	0.6471	0.6031
Ce-139	1.8164	1.6354	1.7152	1.8796	1.9584	1.6392	1.6077	2.7442
Ce-141	0.7875	0.7258	0.7067	0.7421	0.8406	0.6871	0.6775	1.2308
Ce-143	1.6485	1.4872	1.4776	1.5112	1.7814	1.5055	1.5972	1.5272
Ce-144	0.2352	0.2167	0.2017	0.2349	0.2501	0.2008	0.2029	0.2480
Ce-145	2.6519	2.4113	2.4065	2.3878	2.9121	2.3705	2.5781	2.9434
Cf-244	0.0967	0.0919	0.1417	0.1371	0.1078	0.0871	0.0818	0.0990
Cf-246	0.0666	0.0632	0.0973	0.0942	0.0742	0.0600	0.0563	0.0681
Cf-247	1.7162	1.6421	2.0210	2.0848	1.8659	1.5017	1.4265	1.7591
Cf-248	0.0800	0.0760	0.1166	0.1128	0.0892	0.0720	0.0677	0.0818
Cf-249	1.5512	1.5123	1.5412	1.3570	1.6678	1.5219	1.4122	1.5237
Cf-250	0.0756	0.0718	0.1022	0.0978	0.0843	0.0684	0.0655	0.0820
Cf-251	1.4672	1.3916	1.5731	1.6059	1.5925	1.2863	1.2381	1.6842
Cf-252	0.7424	0.7037	0.7027	0.6303	0.8312	0.6819	0.7016	0.9800
Cf-253	0.2232	0.2088	0.3068	0.3175	0.2440	0.2000	0.1879	0.2235
Cf-254	25.0731	23.7600	22.5705	20.0212	28.0720	23.0718	23.9331	33.7698
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Cl-34	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34m	1.4405	1.3466	1.2555	1.1914	1.5891	1.3028	1.4294	2.5219
Cl-36	0.0005	0.0004	0.0006	0.0007	0.0004	0.0003	0.0003	0.0006
Cl-38	0.9684	0.9142	0.8157	0.7747	1.0637	0.8971	1.0179	1.6343
Cl-39	1.9536	1.8582	1.6744	1.5894	2.1948	1.7991	1.7716	2.8518
Cl-40	2.5440	2.3696	2.2006	2.0014	2.8550	2.3416	2.6807	4.2910
Cm-238	1.1215	1.0763	1.2148	1.2750	1.2030	0.9742	0.9362	1.1601
Cm-239	2.5825	2.4244	2.5335	2.5970	2.7864	2.2332	2.1833	3.2373
Cm-240	0.1067	0.1004	0.1584	0.1512	0.1161	0.0948	0.0907	0.1146
Cm-241	3.3171	3.1547	3.5756	3.3432	3.5225	3.0049	2.9124	3.4267
Cm-242	0.0957	0.0901	0.1422	0.1358	0.1042	0.0851	0.0814	0.1028
Cm-243	1.4998	1.3934	1.6237	1.6425	1.5804	1.3013	1.2594	1.5847
Cm-244	0.0822	0.0773	0.1221	0.1165	0.0895	0.0731	0.0699	0.0883
Cm-245	1.4766	1.3934	1.6220	1.6728	1.5624	1.2754	1.2392	1.6599
Cm-246	0.0709	0.0668	0.1022	0.0972	0.0774	0.0632	0.0608	0.0776
Cm-247	1.2203	1.1983	1.1324	0.9572	1.2881	1.2256	1.1152	1.2157
Cm-248	2.0160	1.9101	1.8510	1.6480	2.2554	1.8531	1.9177	2.6984
Cm-249	0.1673	0.1302	0.1864	0.1890	0.1425	0.1131	0.1238	0.1953
Cm-250	19.7860	18.7481	17.8117	15.8045	22.1462	18.2069	18.8922	26.6461
Cm-251	0.4530	0.4338	0.4619	0.4013	0.4948	0.4187	0.4109	0.4796
Co-54m	4.0751	3.9376	3.5489	3.1881	4.5250	3.8033	3.8027	5.7187
Co-55	1.9221	1.8119	1.6820	1.5354	2.1531	1.6862	1.7835	2.7229
Co-56	3.6293	3.3692	3.1621	2.9713	4.0739	3.1456	3.4943	5.7168
Co-57	1.6447	1.4973	1.6000	1.7557	1.6366	1.2650	1.2553	1.7403
Co-58	1.6470	1.5057	1.5015	1.4209	1.8242	1.3569	1.4815	2.3728
Co-58m	0.2645	0.1819	0.3073	0.3415	0.1854	0.1458	0.1716	0.3009
Co-60	2.6257	2.5122	2.2114	2.0794	3.0135	2.3436	2.4657	4.3249
Co-60m	0.3102	0.2175	0.3543	0.3934	0.2257	0.1784	0.2179	0.3496
Co-61	0.8482	0.7659	0.7245	0.8642	0.8863	0.7664	1.2182	0.6829
Co-62	1.5457	1.4588	1.2946	1.2149	1.7651	1.3706	1.5045	2.5321
Co-62m	2.7407	2.6063	2.2994	2.1633	3.1384	2.4330	2.6201	4.4822
Cr-48	2.7273	2.6019	2.4827	2.4177	2.9505	2.4640	2.4234	2.5956
Cr-49	1.1019	1.0101	0.9443	1.0595	1.1400	0.9569	1.0593	1.4371
Cr-51	0.2995	0.2478	0.3116	0.3089	0.2726	0.2286	0.2430	0.3026
Cr-55	0.0006	0.0005	0.0005	0.0005	0.0006	0.0005	0.0005	0.0009
Cr-56	1.4664	1.3260	1.1964	1.6033	1.4682	1.2406	1.2224	1.0681
Cs-121	1.0379	0.9778	0.9606	0.9262	1.1446	0.9634	0.9292	1.3709
Cs-121m	1.9357	1.8132	1.7475	1.6990	2.1337	1.7765	1.7354	2.3443
Cs-123	1.4247	1.3523	1.3674	1.4087	1.5975	1.3315	1.2962	1.4802
Cs-124	0.5916	0.5720	0.5468	0.4936	0.6541	0.5749	0.5626	0.6203
Cs-125	1.3248	1.2692	1.3123	1.2956	1.4829	1.2704	1.2245	1.2930
Cs-126	1.0003	0.9735	0.9346	0.8477	1.0870	0.9870	0.9289	1.0304
Cs-127	2.0428	1.9874	1.9839	2.0068	2.2544	2.0215	1.8555	1.8566

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Cs-128	0.7314	0.7059	0.7147	0.6838	0.8008	0.7196	0.6788	0.6879
Cs-129	1.8472	1.7832	1.8341	1.9783	2.0638	1.8477	1.6934	1.5528
Cs-130m	1.3091	1.1928	1.2256	1.5944	1.4231	1.1908	1.1516	1.0576
Cs-130	0.4420	0.4233	0.4641	0.5595	0.5117	0.4397	0.4022	0.3512
Cs-131	0.6217	0.5959	0.6677	0.8704	0.7280	0.6280	0.5585	0.4308
Cs-132	2.0624	1.9562	2.1137	1.9672	2.4397	1.9236	1.9004	2.4752
Cs-134	3.2726	3.1015	3.1368	2.5242	3.7995	2.9411	3.0684	4.4522
Cs-134m	0.5414	0.4875	0.5608	0.6769	0.5656	0.4608	0.4408	0.4883
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	2.7927	2.6507	2.4448	2.2330	3.2725	2.4231	2.6188	4.1353
Cs-136	4.0663	3.8540	3.5315	3.2945	4.6413	3.6243	3.8070	5.6938
Cs-137	1.9476	1.9507	1.8494	1.8465	2.0918	2.1418	2.0156	1.9511
Cs-138m	1.2148	1.1469	1.1465	1.1944	1.3438	1.1395	1.1069	1.3365
Cs-138	2.7663	2.6355	2.4232	2.1733	3.0746	2.5405	2.6710	3.9796
Cs-139	0.2717	0.2570	0.2375	0.2138	0.3078	0.2475	0.2692	0.4367
Cs-140	1.8966	1.7805	1.7578	1.4636	2.1581	1.7296	1.8842	2.8159
Cu-57	0.1386	0.1308	0.1163	0.1088	0.1598	0.1206	0.1314	0.2205
Cu-59	0.7118	0.6818	0.6308	0.5596	0.7977	0.6538	0.6700	0.9593
Cu-60	2.6722	2.5437	2.2948	2.1395	3.0153	2.4181	2.6024	4.3411
Cu-61	0.6531	0.5812	0.6388	0.5923	0.6804	0.5522	0.5861	0.7765
Cu-62	0.0159	0.0130	0.0160	0.0166	0.0147	0.0114	0.0128	0.0218
Cu-64	0.1643	0.1146	0.1890	0.2092	0.1178	0.0927	0.1084	0.1903
Cu-66	0.1315	0.1241	0.1081	0.1026	0.1522	0.1122	0.1222	0.2048
Cu-67	0.9822	0.8818	0.8400	0.8852	1.0209	0.8208	0.8283	1.3263
Cu-69	0.8272	0.7834	0.7216	0.6438	0.9500	0.7255	0.7733	1.2049
Dy-148	2.2359	1.9700	2.0997	1.8018	2.4833	1.9191	2.1172	2.6823
Dy-149	3.3240	2.9487	2.8082	2.8130	3.5913	2.8211	3.1528	4.1490
Dy-150	1.4594	1.3266	1.2650	1.1894	1.4972	1.3536	1.3695	1.3940
Dy-151	3.3776	3.0370	2.9700	2.7965	3.6235	2.9388	3.1662	4.1092
Dy-152	2.2458	1.9627	1.8971	1.9337	2.3724	1.9857	2.0088	2.2411
Dy-153	3.8532	3.3220	3.1976	3.3160	4.0187	3.2470	3.6062	4.0673
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	2.7198	2.3755	2.2472	2.2972	2.8967	2.3135	2.5055	3.0282
Dy-157	2.3080	2.0575	1.9901	1.9000	2.4537	2.0679	2.2427	2.0669
Dy-159	1.0045	0.7735	0.7805	0.9111	0.9868	0.7708	0.9897	0.8849
Dy-165m	0.3036	0.2369	0.2989	0.3240	0.2688	0.2146	0.2483	0.3163
Dy-165	0.1866	0.1600	0.1587	0.1661	0.1961	0.1557	0.1785	0.1881
Dy-166	0.7857	0.6271	0.6456	0.7558	0.7750	0.6032	0.7413	0.7190
Dy-167	2.1915	2.0229	2.0262	1.7705	2.4133	2.0072	2.0363	2.3642
Dy-168	1.9791	1.7877	1.7783	1.6184	2.1046	1.7478	1.8340	2.2026
Er-154	1.1568	0.9486	1.0302	1.2072	1.1846	0.9402	1.0986	1.0155
Er-156	1.5261	1.1988	1.3927	1.6019	1.4701	1.1570	1.3884	1.4576
Er-159	2.6380	2.3414	2.3840	2.1762	2.9129	2.2683	2.5071	3.2682

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Er-161	2.7390	2.4170	2.3228	2.3161	3.0027	2.2863	2.6050	3.3996
Er-163	0.8116	0.6327	0.6512	0.7383	0.8290	0.6284	0.8200	0.7608
Er-165	0.7853	0.6113	0.6322	0.7171	0.8000	0.6063	0.7914	0.7369
Er-167m	0.8249	0.7137	0.6844	0.7189	0.8703	0.6729	0.7269	0.8939
Er-169	0.0076	0.0053	0.0089	0.0098	0.0054	0.0042	0.0050	0.0087
Er-171	2.3541	2.1750	2.1035	2.0046	2.5738	2.1292	2.2307	2.2414
Er-172	2.1642	1.9671	2.0096	1.7761	2.3521	1.9572	2.1223	2.3515
Er-173	3.3711	3.0566	2.8057	2.8904	3.7118	2.8133	3.0610	4.0956
Es-249	2.3700	2.3099	2.4147	2.3886	2.6073	2.1716	2.0607	2.5065
Es-250	6.5779	6.3348	7.1359	7.1227	7.3607	5.9106	5.7337	7.2832
Es-250m	1.9841	1.9195	2.0251	2.0748	2.2294	1.7437	1.7126	2.3563
Es-251	1.5543	1.4996	1.7756	1.8619	1.7036	1.3682	1.2954	1.6651
Es-253	0.0277	0.0258	0.0384	0.0381	0.0299	0.0244	0.0232	0.0283
Es-254	0.9866	0.8860	1.3598	1.3734	1.0150	0.8284	0.8210	1.0378
Es-254m	1.3352	1.2674	1.4543	1.2420	1.5640	1.2093	1.2148	1.7254
Es-255	0.0010	0.0010	0.0009	0.0008	0.0011	0.0009	0.0010	0.0014
Es-256	0.1370	0.1319	0.1871	0.1948	0.1550	0.1279	0.1168	0.1281
Eu-142	0.3397	0.3104	0.2903	0.2776	0.3752	0.2950	0.3299	0.4803
Eu-142m	5.0463	4.7216	4.6003	3.9777	5.6963	4.4323	4.7035	6.8020
Eu-143	0.5870	0.5133	0.4741	0.5024	0.6083	0.4946	0.5657	0.7353
Eu-144	0.2655	0.2334	0.2146	0.2267	0.2740	0.2271	0.2594	0.3441
Eu-145	2.4823	2.1979	2.0747	2.0723	2.6556	2.0903	2.3649	3.1283
Eu-146	4.6149	4.2212	4.2208	3.6927	5.1959	4.0266	4.3604	6.2062
Eu-147	2.2878	1.9633	1.8510	1.9985	2.3497	1.8638	2.1088	2.3748
Eu-148	5.7643	5.3165	5.4420	4.5172	6.3485	5.1851	5.4261	6.8525
Eu-149	1.0782	0.8475	0.8795	1.0150	0.9983	0.8389	1.0061	0.8933
Eu-150	5.3289	4.9575	4.8536	4.2127	5.7204	4.9328	5.0517	5.4992
Eu-150m	0.2083	0.1837	0.1758	0.1742	0.2116	0.1845	0.1985	0.1926
Eu-152	2.9937	2.7177	2.5131	2.5256	3.2027	2.5855	2.7738	3.4702
Eu-152m	0.8089	0.7181	0.6632	0.6899	0.8624	0.6714	0.7531	0.9520
Eu-152n	1.1842	0.9998	1.0002	1.2254	1.1083	0.9125	0.9884	1.0667
Eu-154	2.4993	2.3414	2.1529	2.0880	2.8069	2.1531	2.2657	3.3160
Eu-154m	1.3408	1.1134	1.2298	1.4567	1.2667	1.0601	1.3272	1.2058
Eu-155	0.8366	0.7275	0.6701	0.8186	0.8279	0.6759	0.7373	0.7430
Eu-156	1.5769	1.4598	1.3534	1.2866	1.7591	1.3749	1.5064	2.3183
Eu-157	1.8288	1.5956	1.6155	1.6045	1.8599	1.5988	1.8752	1.7271
Eu-158	2.1002	1.9245	1.7623	1.7214	2.3374	1.7772	1.9579	2.9672
Eu-159	1.8636	1.5691	1.5231	1.6832	1.9067	1.5254	1.8470	1.8744
F-17	0.0005	0.0005	0.0004	0.0004	0.0006	0.0004	0.0004	0.0007
F-18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-52	1.4550	1.3016	1.3323	1.2818	1.5187	1.2476	1.2332	2.7680
Fe-53	0.6416	0.6276	0.5901	0.4956	0.6836	0.6420	0.5982	0.6342
Fe-53m	3.9228	3.7132	3.4609	3.0636	4.5502	3.4605	3.7069	6.0897

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Fe-55	0.2192	0.1507	0.2547	0.2831	0.1535	0.1207	0.1421	0.2495
Fe-59	1.3913	1.3234	1.1636	1.0985	1.5990	1.2240	1.2975	2.2433
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	1.8960	1.8043	1.6130	1.5044	2.1623	1.6928	1.7780	2.7752
Fe-62	1.8260	1.7419	1.7823	1.3674	1.9429	1.7373	1.7400	1.7488
Fm-251	1.5487	1.4835	1.6453	1.7353	1.6772	1.3440	1.2823	1.6477
Fm-252	0.0701	0.0675	0.0995	0.0998	0.0796	0.0649	0.0598	0.0687
Fm-253	1.2644	1.2157	1.5168	1.5894	1.3952	1.1294	1.0578	1.3080
Fm-254	0.0809	0.0778	0.1096	0.1089	0.0918	0.0749	0.0701	0.0831
Fm-255	0.7647	0.7155	1.0754	1.0926	0.8314	0.6818	0.6490	0.7941
Fm-256	18.6538	17.6804	16.8150	14.9098	20.8983	17.1631	17.7879	25.1181
Fm-257	1.6317	1.5640	1.7966	1.8563	1.7985	1.4524	1.3805	1.7699
Fr-212	2.9464	2.6967	2.7072	2.7452	3.1088	2.5072	2.5558	3.6314
Fr-219	0.0172	0.0162	0.0160	0.0142	0.0182	0.0161	0.0158	0.0175
Fr-220	0.2024	0.1723	0.2175	0.2290	0.1873	0.1548	0.1640	0.2173
Fr-221	0.2201	0.1995	0.1896	0.1959	0.2332	0.1890	0.1858	0.2352
Fr-222	1.3109	1.1980	1.2616	1.2773	1.3923	1.1084	1.1116	1.4778
Fr-223	0.8512	0.7320	0.8434	0.8764	0.8946	0.7003	0.7770	0.8665
Fr-224	1.5268	1.4294	1.3893	1.3708	1.6707	1.3299	1.3392	1.9301
Fr-227	2.3229	2.1534	2.2208	2.1847	2.4364	2.0490	2.1475	2.4723
Ga-64	1.9750	1.8446	1.6736	1.5562	2.2492	1.7495	1.9757	3.2050
Ga-65	1.3775	1.2532	1.2759	1.3550	1.4264	1.1241	1.2246	1.6329
Ga-66	1.5044	1.3325	1.3411	1.2803	1.6099	1.2707	1.4907	2.3840
Ga-67	1.7224	1.4479	1.6639	1.7843	1.5954	1.3134	1.3640	1.9192
Ga-68	0.1029	0.0835	0.1032	0.1078	0.0944	0.0722	0.0808	0.1388
Ga-70	0.0152	0.0136	0.0134	0.0132	0.0163	0.0124	0.0132	0.0236
Ga-72	3.0962	2.9038	2.7255	2.4303	3.5529	2.7422	3.0555	4.7534
Ga-73	2.2959	1.9987	2.2616	2.1691	2.2778	1.9131	1.9856	2.3371
Ga-74	3.5397	3.3141	3.3009	2.7183	4.0006	3.2379	3.5387	5.1279
Gd-142	1.4054	1.2513	1.2076	1.1634	1.4924	1.2224	1.3172	1.6777
Gd-143m	3.7598	3.4078	3.2476	3.1147	4.0720	3.3306	3.4816	4.3653
Gd-144	0.9196	0.7794	0.7559	0.7770	0.9404	0.7749	0.9145	1.0139
Gd-145m	1.5707	1.4372	1.5004	1.3219	1.7577	1.3506	1.4341	2.0790
Gd-145	2.1479	1.9324	1.7690	1.7782	2.2954	1.8792	2.1503	3.0579
Gd-146	3.5336	3.0047	2.8784	3.2609	3.5243	2.8576	3.2006	3.8264
Gd-147	4.4840	4.0705	3.8419	3.6643	4.8260	3.9713	4.1402	5.0900
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	3.1210	2.7499	2.6775	2.6540	3.2495	2.7038	2.9032	3.6029
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	1.2392	0.9782	1.0269	1.1689	1.1691	0.9584	1.1351	1.2095
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	1.8415	1.4990	1.4542	1.7338	1.7661	1.4543	1.7242	1.5982
Gd-159	0.3932	0.3415	0.3314	0.3321	0.4065	0.3452	0.3875	0.3581



<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Gd-162	1.6492	1.5838	1.5446	1.2964	1.7129	1.6085	1.5179	1.6106
Ge-66	2.5412	2.2227	2.4106	2.3553	2.5108	2.1350	2.2395	2.6964
Ge-67	1.5918	1.4540	1.4356	1.3542	1.7121	1.3927	1.3991	2.9589
Ge-68	0.5374	0.3699	0.6256	0.6935	0.3768	0.2964	0.3489	0.6117
Ge-69	1.4511	1.2677	1.3941	1.3446	1.4776	1.1457	1.2396	1.9926
Ge-71	0.5450	0.3752	0.6345	0.7034	0.3822	0.3007	0.3539	0.6204
Ge-75	0.1955	0.1829	0.1728	0.1612	0.2149	0.1846	0.1705	0.2047
Ge-77	3.3580	3.1620	2.9899	2.6777	3.7181	3.0966	3.0152	3.9263
Ge-78	1.4922	1.4098	1.3378	1.2132	1.6525	1.4309	1.3360	1.4857
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	1.5598	1.4142	1.4168	1.3407	1.6896	1.4134	1.6385	1.4741
Hf-169	2.6095	2.3726	2.4511	2.1897	2.7351	2.3644	2.6970	2.4688
Hf-170	2.9669	2.5894	2.7727	2.7339	3.1036	2.4964	2.9801	3.4946
Hf-172	2.1218	1.7626	2.0045	2.2543	2.1077	1.6791	2.2328	1.9937
Hf-173	3.3284	3.0524	2.9516	3.0722	3.5934	2.8707	3.2677	3.4013
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	2.3529	2.1185	2.1390	2.0551	2.4972	2.1275	2.4850	2.1936
Hf-177m	13.6636	12.5601	12.3170	11.7163	14.7187	12.3427	13.0718	14.2713
Hf-178m	10.7465	9.9633	9.8557	8.9359	11.4230	9.7801	10.0098	10.8588
Hf-179m	5.6907	5.2074	5.2290	4.9865	5.9651	5.1021	5.5060	6.1773
Hf-180m	5.3291	4.9357	4.8380	4.4613	5.6655	4.8960	5.2056	5.1932
Hf-181	2.7345	2.5694	2.5791	2.3232	2.8792	2.4855	2.6049	2.8038
Hf-182	1.4986	1.3856	1.3506	1.2847	1.6265	1.3946	1.3774	1.6233
Hf-182m	4.3520	3.9618	3.9821	3.7991	4.6166	3.8551	4.2997	4.7178
Hf-183	2.2721	2.1081	2.0130	1.9417	2.4802	2.0183	2.3160	2.6128
Hf-184	2.4977	2.1251	2.4239	2.5076	2.3899	1.9678	2.1842	2.9077
Hg-190	2.6081	2.2923	2.4531	2.6811	2.5641	2.1152	2.5162	3.1425
Hg-191m	5.1702	4.7115	4.7887	4.6173	5.4166	4.5782	4.9378	5.6417
Hg-192	2.7740	2.4274	2.6031	2.7786	2.7402	2.3247	2.7379	2.7500
Hg-193	2.8739	2.5513	2.6377	2.7543	2.9122	2.4047	2.8549	3.2334
Hg-193m	2.9892	2.7380	2.7621	2.6693	3.1149	2.6364	2.9592	3.3215
Hg-194	0.2905	0.2087	0.3578	0.3708	0.2133	0.1704	0.1974	0.3319
Hg-195	1.6846	1.4217	1.6369	1.7982	1.5926	1.3184	1.7399	1.6643
Hg-195m	2.0390	1.7086	2.0808	2.1530	1.8946	1.5924	1.8280	2.0767
Hg-197	1.4774	1.2223	1.4068	1.6417	1.3374	1.1206	1.4903	1.3053
Hg-197m	1.4420	1.2395	1.4237	1.5465	1.3612	1.1075	1.2707	1.5387
Hg-199m	1.9533	1.7034	1.8668	1.9360	1.9042	1.6202	1.8237	2.7226
Hg-203	1.4061	1.3105	1.2656	1.1937	1.5233	1.3141	1.2786	1.3680
Hg-205	0.0402	0.0360	0.0331	0.0352	0.0425	0.0334	0.0357	0.0426
Hg-206	0.6526	0.6102	0.5991	0.5521	0.7061	0.6037	0.6259	0.6043
Hg-207	3.7599	3.5713	3.2642	3.0542	4.1362	3.4322	3.6191	4.9923
Ho-150	2.1146	1.9773	1.9099	1.6742	2.4468	1.8422	1.9908	2.9605
Ho-153	2.3685	2.1491	2.0746	1.9571	2.5876	2.1217	2.2673	2.5130

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Ho-153m	2.6916	2.4212	2.3712	2.2768	2.8722	2.3676	2.4836	3.0853
Ho-154m	6.6872	6.3485	6.1453	5.1982	7.2398	6.3385	6.3330	6.9360
Ho-154	3.2647	3.0760	2.9432	2.5691	3.6049	3.0330	3.1176	3.6410
Ho-155	2.1613	1.8639	1.8352	1.8871	2.2513	1.8195	2.0122	2.3162
Ho-156	4.1429	3.7992	3.5933	3.4761	4.5401	3.6650	3.8229	5.2301
Ho-157	3.2366	2.7934	2.7426	2.7913	3.4061	2.7519	3.0971	3.3768
Ho-159	3.3624	2.9247	2.8040	3.0106	3.5444	2.7961	3.1221	3.4734
Ho-160	4.2755	3.8323	3.7116	3.5269	4.7486	3.6005	4.0073	5.4782
Ho-161	1.3210	1.0773	1.1419	1.3389	1.3251	1.0596	1.2419	1.1627
Ho-162	1.1403	0.9030	0.9117	1.0496	1.1358	0.8814	1.0980	1.0875
Ho-162m	2.3769	2.0129	2.0235	2.1355	2.4587	1.9257	2.2094	2.7983
Ho-163	0.0088	0.0060	0.0102	0.0114	0.0062	0.0048	0.0057	0.0100
Ho-164	0.6250	0.4869	0.5035	0.5824	0.6181	0.4779	0.6107	0.5720
Ho-164m	1.2280	0.9369	1.1009	1.2526	1.1564	0.8955	1.1476	1.1873
Ho-166	0.2539	0.2035	0.2181	0.2573	0.2407	0.1879	0.2236	0.2485
Ho-166m	4.9173	4.5283	4.3969	4.0345	5.4675	4.3031	4.4978	6.4526
Ho-167	1.8654	1.7510	1.6747	1.5006	2.0198	1.7592	1.7760	1.7522
Ho-168	1.8992	1.7487	1.6885	1.5715	2.1428	1.6186	1.7571	2.6194
Ho-168m	0.2575	0.1890	0.2527	0.2832	0.2220	0.1708	0.2141	0.2670
Ho-170	4.1999	3.8338	3.5891	3.5182	4.6483	3.6014	3.8373	5.5882
I-118m	6.0582	5.7407	5.9035	4.7163	7.0076	5.5185	5.6553	8.1739
I-118	2.1079	1.9997	2.0674	1.6420	2.4246	1.9351	1.9813	2.7892
I-119	1.9476	1.8393	1.8026	1.8060	2.1738	1.8678	1.7030	1.9743
I-120	2.5869	2.4462	2.4610	2.1082	2.9080	2.4095	2.5247	3.4120
I-120m	5.4111	5.1301	5.3137	4.2333	6.1811	4.9897	5.1122	7.0021
I-121	2.0413	1.9169	1.8455	1.9963	2.2840	1.8833	1.7862	1.9890
I-122	0.5073	0.4851	0.5112	0.4709	0.5755	0.4821	0.4714	0.5372
I-123	1.9331	1.8101	1.9053	2.0427	2.1201	1.8177	1.6856	3.0576
I-124	1.9127	1.8273	1.9141	1.7625	2.2072	1.7991	1.7793	2.2927
I-125	1.2584	1.2229	1.3328	1.7154	1.4503	1.2719	1.1152	0.8186
I-126	1.4404	1.3929	1.4160	1.3046	1.6276	1.3940	1.3221	1.5451
I-128	0.2774	0.2692	0.2682	0.2378	0.2985	0.2733	0.2573	0.2592
I-129	0.6634	0.6237	0.6859	0.8940	0.7611	0.6567	0.6042	0.4584
I-130m	0.4796	0.4495	0.4920	0.4733	0.5214	0.4480	0.4357	0.4606
I-130	5.0527	4.8067	4.8963	3.8618	5.7479	4.6466	4.7366	6.3769
I-131	1.7252	1.7375	1.6134	1.6466	1.8377	1.8734	1.7484	1.7220
I-132	4.2332	4.0112	4.0023	3.2801	4.9378	3.7859	3.9643	5.9864
I-132m	1.1818	1.1037	1.2006	1.1346	1.3372	1.0628	1.0566	1.4529
I-133	1.7752	1.6897	1.7288	1.3411	1.9407	1.6646	1.6811	1.9202
I-134m	2.0251	1.9111	1.9056	2.0372	2.2768	1.9566	1.8104	1.8394
I-134	4.3005	4.0848	3.8017	3.3893	4.9570	3.7983	4.0226	6.2143
I-135	1.8203	1.7388	1.5653	1.4400	2.0632	1.6450	1.7243	2.7880
In-103	2.9198	2.7425	2.5767	2.3696	3.3090	2.6045	2.7313	4.2254

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
In-105	2.5642	2.4604	2.3653	2.2252	2.9198	2.3236	2.3252	3.2803
In-106	5.1234	4.8499	4.7762	4.0246	5.9517	4.5584	4.7671	7.1598
In-106m	2.2793	2.1485	2.2131	1.7899	2.6583	2.0787	2.2129	3.4071
In-107	2.4404	2.3224	2.2396	2.1468	2.7446	2.2503	2.2667	2.8575
In-108	6.5136	6.1896	6.0138	5.3581	7.5496	5.8683	6.0199	8.9845
In-108m	2.3830	2.2544	2.3362	1.9912	2.7741	2.2054	2.3154	3.4496
In-109	2.3776	2.2578	2.2114	2.2210	2.6990	2.1656	2.1114	2.5330
In-109m	1.3416	1.2661	1.3785	1.0366	1.6015	1.2124	1.2442	1.8798
In-110	6.0779	5.7848	5.7730	5.0360	7.1311	5.4313	5.6301	8.3450
In-110m	1.7995	1.7085	1.8372	1.5024	2.1317	1.6461	1.6875	2.4321
In-111	3.3038	3.1003	3.1158	3.1182	3.6580	3.0746	2.8211	4.2698
In-111m	1.5769	1.5037	1.5699	1.2259	1.7250	1.4908	1.4886	1.6213
In-112	0.3016	0.2985	0.3424	0.3474	0.3573	0.2957	0.2678	0.2585
In-112m	0.6697	0.6515	0.7087	0.8013	0.7538	0.6527	0.5795	0.6932
In-113m	1.1656	1.1517	1.1111	1.0104	1.2510	1.1815	1.0620	1.0728
In-114	0.0060	0.0059	0.0063	0.0063	0.0070	0.0058	0.0054	0.0063
In-114m	0.6332	0.6044	0.6281	0.6735	0.7111	0.5907	0.5530	0.6239
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	0.9812	0.9600	0.9559	0.9156	1.0978	0.9724	0.9165	0.8045
In-116m	2.9263	2.8026	2.5109	2.3126	3.3068	2.6582	2.7672	4.4642
In-117	2.9463	2.7539	2.8691	2.4001	3.2034	2.7135	2.6783	4.5295
In-117m	0.6864	0.6556	0.6662	0.6480	0.7611	0.6562	0.6255	0.8486
In-118m	3.7071	3.5185	3.2445	2.8962	4.2859	3.2798	3.4686	5.7040
In-118	0.0914	0.0872	0.0789	0.0718	0.1043	0.0821	0.0861	0.1428
In-119	1.5823	1.5005	1.4775	1.3353	1.8464	1.3930	1.4646	2.1995
In-119m	0.1810	0.1729	0.1774	0.1835	0.2031	0.1668	0.1624	0.1942
In-121	1.5336	1.4473	1.3107	1.2098	1.7796	1.3268	1.4214	2.2583
In-121m	0.5473	0.5224	0.5327	0.6373	0.6138	0.5352	0.6137	0.4086
Ir-180	3.5707	3.2979	3.3366	3.1638	3.8717	3.1435	3.4931	4.1665
Ir-182	3.3404	3.0763	3.0670	3.0456	3.5617	2.9262	3.2676	3.7417
Ir-183	3.4044	3.0454	3.2040	3.2521	3.4948	2.9431	3.6960	3.7982
Ir-184	5.1947	4.7794	4.7807	4.6490	5.5265	4.6064	5.1878	5.9778
Ir-185	3.1129	2.6879	3.0204	3.1823	3.0526	2.5694	3.3549	3.4770
Ir-186	5.0207	4.6335	4.6920	4.4646	5.3522	4.4862	5.1173	5.7617
Ir-186m	2.8384	2.5895	2.6496	2.5701	3.0630	2.4496	2.9599	3.6090
Ir-187	2.1030	1.8152	2.0540	2.1555	2.0655	1.7428	2.4076	2.1518
Ir-188	3.5550	3.2210	3.3179	3.2128	3.7531	3.1265	3.8365	4.8992
Ir-189	1.3988	1.1583	1.4002	1.5563	1.3020	1.1080	1.6454	1.3174
Ir-190	5.9347	5.4980	5.6604	4.9923	6.3422	5.3958	5.9105	6.5993
Ir-190m	0.2979	0.2067	0.3507	0.3834	0.2106	0.1662	0.1951	0.3393
Ir-190n	1.0893	0.9115	1.0786	1.2143	1.0299	0.8783	1.3586	0.9989
Ir-191m	1.3911	1.1751	1.3976	1.5500	1.2927	1.0620	1.4187	1.3761
Ir-192	3.5610	3.3978	3.3346	2.8058	3.9070	3.4047	3.4461	3.3644

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Ir-192m	0.3278	0.2321	0.3966	0.4183	0.2367	0.1881	0.2196	0.3736
Ir-192n	0.6864	0.4877	0.8295	0.8740	0.4981	0.3966	0.4651	0.7816
Ir-193m	0.2980	0.2080	0.3505	0.3821	0.2125	0.1681	0.1991	0.3378
Ir-194	0.3104	0.2973	0.2855	0.2446	0.3460	0.2962	0.2993	0.3141
Ir-194m	7.8188	7.4597	7.5362	6.0717	8.6116	7.3873	7.4273	8.2890
Ir-195	1.0786	0.9041	1.0582	1.2003	0.9982	0.8405	1.1467	1.0008
Ir-195m	2.0865	1.8997	1.9767	1.9026	2.1472	1.8502	2.0526	2.1314
Ir-196	0.6438	0.6194	0.5875	0.5072	0.7106	0.6102	0.6144	0.7155
Ir-196m	8.3434	7.9714	8.0230	6.5671	9.0074	7.9283	7.8274	8.8734
K-38	1.3258	1.2257	1.1154	1.0487	1.4464	1.2254	1.4726	2.2545
K-40	0.1410	0.1352	0.1206	0.1158	0.1567	0.1276	0.1324	0.2324
K-42	0.2371	0.2301	0.2005	0.1918	0.2650	0.2190	0.2259	0.3905
K-43	2.8700	2.7619	2.7780	2.1827	3.2148	2.7522	2.6708	3.2912
K-44	2.0237	1.8985	1.7192	1.5879	2.2952	1.8152	2.0252	3.2936
K-45	2.3495	2.1907	2.0206	1.9178	2.5744	2.1102	2.2226	4.0238
K-46	1.9504	1.8403	1.6671	1.5417	2.2169	1.7869	1.9288	3.3424
Kr-74	1.9261	1.7573	1.7760	1.7893	2.0037	1.6434	1.7251	2.0527
Kr-75	1.6553	1.5714	1.5373	1.5362	1.7852	1.4170	1.3792	2.3985
Kr-76	2.6039	2.3647	2.6349	2.3298	2.6775	2.3003	2.3233	2.6513
Kr-77	1.7138	1.6523	1.5714	1.6032	1.8607	1.4636	1.4042	2.2560
Kr-79	1.1081	0.9785	1.2400	1.0786	1.0853	0.9202	0.9289	1.2473
Kr-81	0.4831	0.3808	0.6722	0.5902	0.3905	0.3217	0.3624	0.5542
Kr-81m	1.0432	0.9409	0.9463	0.9045	1.1096	0.8746	0.8922	1.4119
Kr-83m	0.2184	0.1692	0.2970	0.2720	0.1739	0.1424	0.1608	0.2509
Kr-85	0.0078	0.0075	0.0077	0.0059	0.0084	0.0074	0.0074	0.0077
Kr-85m	1.2535	1.1687	1.1804	1.1008	1.3458	1.1214	1.0853	2.2337
Kr-87	1.1770	1.1302	1.0564	0.9073	1.2661	1.1431	1.1511	1.4485
Kr-88	1.8844	1.7415	1.6263	1.5278	2.0736	1.6905	1.9139	2.8840
Kr-89	2.4301	2.2933	2.1718	1.9052	2.7312	2.2187	2.3313	3.3928
La-128	4.7328	4.5002	4.3764	3.7865	5.2949	4.4165	4.4106	5.5977
La-129	1.7730	1.6838	1.6728	1.6854	1.9716	1.6865	1.6061	1.7732
La-130	3.3871	3.2450	3.1411	2.7353	3.7712	3.2042	3.2088	3.9107
La-131	2.2594	2.1526	2.1636	2.2224	2.4982	2.1693	2.0566	2.1612
La-132	3.1587	3.0052	2.9998	2.6526	3.4784	2.9922	3.0165	3.6102
La-132m	2.4799	2.3439	2.3291	2.2755	2.7375	2.2634	2.2243	2.8286
La-133	0.8870	0.8059	0.9313	1.1120	0.9840	0.8258	0.7892	0.7724
La-134	0.3454	0.3231	0.3580	0.4145	0.4010	0.3341	0.3195	0.3234
La-135	0.6756	0.6288	0.7133	0.9221	0.7841	0.6669	0.6189	0.5075
La-136	0.4614	0.4298	0.4811	0.6177	0.5377	0.4513	0.4234	0.3745
La-137	0.6231	0.5784	0.6614	0.8697	0.7246	0.6149	0.5691	0.4606
La-138	1.6645	1.5854	1.4993	1.5327	1.9066	1.5205	1.5590	2.3768
La-140	3.0974	2.9765	2.7576	2.4459	3.4258	2.8784	2.9608	4.1703
La-141	0.0248	0.0238	0.0211	0.0198	0.0281	0.0225	0.0237	0.0412

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
La-142	2.0882	1.9411	1.8965	1.6184	2.3793	1.8939	2.1426	3.2871
La-143	0.3020	0.2857	0.2729	0.2355	0.3450	0.2731	0.2934	0.4578
Lu-165	3.1253	2.7933	2.7447	2.7689	3.3512	2.6904	3.0835	3.5543
Lu-167	3.6314	3.2693	3.2427	3.2455	3.9176	3.1858	3.5653	4.4359
Lu-169m	0.2208	0.1519	0.2568	0.2851	0.1548	0.1217	0.1433	0.2514
Lu-169	3.2306	2.8564	2.7900	2.8245	3.4993	2.7266	3.2381	4.1157
Lu-170	3.2741	2.9237	2.8152	2.8081	3.5568	2.8129	3.3590	4.5544
Lu-171m	0.2364	0.1634	0.2733	0.3037	0.1674	0.1318	0.1564	0.2677
Lu-171	2.9636	2.5372	2.7968	2.8111	3.1510	2.4071	2.9588	3.4032
Lu-172	4.6564	4.1829	4.0482	3.9933	5.0787	3.9385	4.4856	6.0467
Lu-172m	0.1986	0.1366	0.2309	0.2564	0.1392	0.1094	0.1289	0.2260
Lu-173	2.2673	1.8921	1.9580	2.1269	2.3667	1.8678	2.4042	2.2328
Lu-174	1.1175	0.8994	0.9867	1.0985	1.1281	0.8717	1.1916	1.1255
Lu-174m	1.3839	1.0782	1.3234	1.4785	1.2862	1.0201	1.4269	1.3714
Lu-176	3.1714	2.8842	2.7867	2.7186	3.3928	2.7893	2.9683	3.1427
Lu-176m	0.3063	0.2459	0.2921	0.3383	0.2762	0.2237	0.2837	0.2980
Lu-177	0.3138	0.2808	0.2717	0.2904	0.3295	0.2608	0.2878	0.3294
Lu-177m	6.7919	6.2020	6.0400	5.9604	7.2185	6.0395	6.5128	7.3640
Lu-178	0.3115	0.2714	0.2842	0.3049	0.3130	0.2519	0.2937	0.3843
Lu-178m	5.9594	5.5282	5.2956	5.0782	6.2924	5.4301	5.6154	5.7481
Lu-179	0.1894	0.1730	0.1558	0.1579	0.2073	0.1646	0.1668	0.2083
Lu-180	3.0303	2.8377	2.6609	2.5213	3.2914	2.7259	2.8457	3.8519
Lu-181	2.3843	2.1216	2.2572	2.1216	2.5283	2.0184	2.2501	2.7897
Mg-27	1.4178	1.3414	1.2058	1.1184	1.6522	1.2178	1.3239	2.1460
Mg-28	2.3502	2.2860	2.1397	2.1672	2.7008	2.2498	2.1922	2.9952
Mn-50m	4.5462	4.3277	3.9438	3.5936	5.2578	4.0180	4.2794	7.1423
Mn-51	0.0124	0.0104	0.0125	0.0124	0.0120	0.0093	0.0103	0.0170
Mn-52	4.2169	3.9846	3.7014	3.3943	4.8205	3.6810	3.9204	6.4827
Mn-52m	1.2922	1.2484	1.0957	1.0390	1.4561	1.1830	1.2234	2.1348
Mn-53	0.1785	0.1227	0.2074	0.2305	0.1250	0.0983	0.1157	0.2032
Mn-54	1.5923	1.4638	1.4311	1.3521	1.7791	1.3195	1.4409	2.3153
Mn-56	1.9688	1.8670	1.6872	1.5650	2.2635	1.7362	1.9067	3.0620
Mn-57	0.6314	0.5526	0.6772	0.6829	0.6137	0.4867	0.5014	0.7311
Mn-58m	3.1611	3.0173	2.7628	2.4960	3.6066	2.8379	3.0030	4.7029
Mo-101	2.4871	2.3419	2.2612	2.0077	2.7743	2.2258	2.3132	3.4007
Mo-102	0.1337	0.1247	0.1166	0.1151	0.1468	0.1186	0.1143	0.1858
Mo-89	0.3001	0.2861	0.2794	0.2461	0.3509	0.2707	0.2886	0.4579
Mo-90	3.0314	2.9980	3.0651	3.0328	3.5054	2.9119	2.6845	3.3779
Mo-91m	1.2886	1.2321	1.2337	1.0288	1.5107	1.1720	1.2114	1.9615
Mo-91	0.0351	0.0381	0.0505	0.0500	0.0464	0.0392	0.0367	0.0480
Mo-93	0.3556	0.4123	0.6205	0.6217	0.5084	0.4326	0.3717	0.4259
Mo-93m	3.6690	3.5156	3.4560	3.0371	4.2369	3.3958	3.3909	5.1785
Mo-99	0.4262	0.4045	0.4002	0.3634	0.4909	0.3798	0.3879	0.6148

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	0.8938	0.8176	0.8684	0.7124	1.0169	0.9018	1.0528	1.8840
Na-22	1.2975	1.2441	1.1007	1.0291	1.4910	1.1680	1.2201	2.1681
Na-24	2.5940	2.3915	2.2045	2.0305	2.8981	2.3703	2.8225	4.4154
Nb-87	1.8675	1.7814	1.7283	1.7723	2.1270	1.6710	1.6418	2.2172
Nb-88m	5.1653	4.9330	4.6158	4.0342	5.8360	4.7103	4.8337	7.1085
Nb-88	6.3112	6.0271	5.7912	5.1621	7.1620	5.7532	5.9051	8.3312
Nb-89	0.5191	0.5045	0.5249	0.4924	0.6040	0.5002	0.5411	0.8148
Nb-89m	1.6682	1.6044	1.6763	1.3256	1.8119	1.5963	1.5952	1.6911
Nb-90	3.9702	3.7740	3.6220	3.4889	4.4859	3.6227	3.9519	6.3642
Nb-91	0.3481	0.3991	0.6150	0.6154	0.4805	0.4201	0.3692	0.4507
Nb-91m	0.3356	0.3808	0.5548	0.5554	0.4674	0.3952	0.3456	0.4137
Nb-92	3.3803	3.2672	3.4097	2.9245	3.9239	3.1343	3.2113	4.4276
Nb-92m	1.7827	1.7540	1.8159	1.7420	2.1483	1.6452	1.7065	2.6354
Nb-93m	0.0758	0.0821	0.1251	0.1269	0.0994	0.0840	0.0743	0.0901
Nb-94m	0.2530	0.2893	0.4317	0.4328	0.3560	0.3018	0.2617	0.3046
Nb-94	2.7834	2.6337	2.5390	2.1734	3.2766	2.4332	2.6003	4.1072
Nb-95	1.4094	1.3376	1.2775	1.1125	1.6596	1.2329	1.3218	2.0736
Nb-95m	0.6198	0.6285	0.7388	0.7328	0.7597	0.6382	0.5715	0.7037
Nb-96	4.6534	4.4258	4.2318	3.6217	5.3159	4.1829	4.3581	6.3305
Nb-97	1.3957	1.3158	1.4155	1.0595	1.6653	1.2538	1.2978	1.9965
Nb-98m	4.3421	4.1318	3.9046	3.4298	5.0416	3.8619	4.0964	6.4281
Nb-99	1.8130	1.7882	1.7971	1.8798	2.0425	1.6416	1.5427	2.3548
Nb-99m	0.9246	0.8743	0.8524	0.7705	1.0342	0.8580	0.9152	1.2673
Nd-134	2.4060	2.1594	2.1430	2.2223	2.5475	2.1341	2.1662	3.2046
Nd-135	2.9907	2.6923	2.6152	2.6071	3.1503	2.6482	2.7291	3.0401
Nd-136	2.0540	1.7873	1.8094	2.0629	2.1050	1.7557	1.8805	1.9296
Nd-137	2.6252	2.3728	2.3243	2.3902	2.8305	2.3324	2.4891	2.8008
Nd-138	0.8199	0.6878	0.7165	0.8917	0.8316	0.7066	0.7740	0.6294
Nd-139	0.8970	0.7866	0.7942	0.8889	0.9371	0.7919	0.8413	0.8482
Nd-139m	3.9337	3.6184	3.4734	3.5025	4.3729	3.4227	3.6376	4.8155
Nd-140	0.7293	0.6031	0.6368	0.8147	0.7324	0.6222	0.6886	0.5459
Nd-141	0.7517	0.6253	0.6550	0.8310	0.7593	0.6427	0.7099	0.5856
Nd-141m	1.3532	1.2741	1.2335	1.0809	1.5818	1.1827	1.2690	1.9413
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	1.0911	0.9486	0.9184	1.0018	1.0926	0.9281	1.0081	0.9572
Nd-149	2.0861	1.9105	1.8162	1.7804	2.2356	1.8582	1.8762	2.2309
Nd-151	2.4082	2.2615	2.1002	2.0574	2.6483	2.1328	2.1656	2.9871
Nd-152	0.9761	0.9019	0.9028	0.8562	1.0618	0.9095	0.8640	1.0047
Ne-19	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Ne-24	1.8482	1.7768	1.7641	1.3950	1.9671	1.7776	1.7452	1.8297
Ni-56	4.9447	4.5638	4.5898	4.1665	5.3779	4.3502	4.4200	7.6669
Ni-57	1.6664	1.5653	1.4668	1.4492	1.8078	1.4461	1.5119	2.5626

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Ni-59	0.3095	0.2128	0.3596	0.3996	0.2167	0.1704	0.2007	0.3523
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.6040	0.5815	0.5137	0.4793	0.6816	0.5504	0.5696	0.9357
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	4.1481	3.9233	4.1107	3.9153	4.5666	3.6929	3.7430	4.8757
Np-233	1.1987	1.1201	1.2833	1.3454	1.2376	1.0260	1.0100	1.2535
Np-234	2.2421	2.1196	2.2874	2.2685	2.4100	1.9710	1.9921	2.9295
Np-235	0.3812	0.3366	0.5482	0.5260	0.3747	0.3089	0.3108	0.4314
Np-236	2.5546	2.3712	3.0456	3.0161	2.6760	2.2155	2.1631	3.2874
Np-236m	0.6659	0.6218	0.7393	0.7653	0.6906	0.5697	0.5609	0.7069
Np-237	0.8716	0.8012	1.0912	1.1272	0.9048	0.7560	0.7411	0.8939
Np-238	1.1450	1.0788	1.1524	1.0967	1.3030	0.9859	1.0375	1.6097
Np-239	1.9668	1.8419	2.0800	2.1207	2.0824	1.7161	1.6688	2.0587
Np-240	3.4716	3.2829	3.6644	3.3432	3.8574	3.1006	3.1123	4.3412
Np-240m	1.0288	0.9741	1.1430	0.9725	1.1481	0.9392	0.9392	1.2166
Np-241	0.4709	0.4452	0.5119	0.5246	0.4998	0.4088	0.3973	0.5300
Np-242	0.3699	0.3517	0.3560	0.3227	0.4236	0.3297	0.3473	0.5504
Np-242m	2.8613	2.6974	3.0477	2.8746	3.2194	2.5214	2.5540	3.9235
O-14	1.3249	1.1928	1.1067	1.0332	1.4311	1.2146	1.5392	2.2378
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	2.0151	1.8734	1.6335	1.6238	2.2412	1.7486	1.7948	2.7457
Os-180	1.5836	1.3327	1.6263	1.7430	1.5316	1.2733	1.7907	1.5147
Os-181	4.1667	3.7467	3.7876	3.8643	4.4133	3.5790	4.3445	4.9243
Os-182	2.9410	2.6027	2.8242	2.7426	2.9726	2.5285	3.0461	3.1536
Os-183	3.8394	3.4754	3.6016	3.6333	3.9165	3.4275	4.2250	3.8476
Os-183m	2.2623	2.0252	2.0364	2.0970	2.4023	1.9042	2.4526	2.8601
Os-185	2.2943	2.0538	2.2783	2.0744	2.5022	1.9696	2.4667	2.7863
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	0.2868	0.1985	0.3363	0.3694	0.2022	0.1594	0.1873	0.3266
Os-190m	6.1885	5.7586	5.9813	5.0202	6.6346	5.6361	5.7566	6.9891
Os-191	1.4758	1.2562	1.4684	1.6330	1.3859	1.1399	1.5295	1.4493
Os-191m	0.3789	0.2793	0.4245	0.4683	0.2952	0.2407	0.3228	0.4029
Os-193	0.5216	0.4613	0.5052	0.5122	0.5138	0.4404	0.5251	0.5312
Os-194	0.2956	0.2117	0.3298	0.3568	0.2252	0.1797	0.2148	0.3185
Os-196	0.5181	0.4755	0.4816	0.4825	0.5388	0.4592	0.5389	0.5014
P-30	0.0010	0.0009	0.0008	0.0008	0.0011	0.0009	0.0011	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	0.4681	0.4201	0.5449	0.5630	0.4660	0.3901	0.4399	0.4835
Pa-228	4.2834	4.0056	4.3051	4.1286	4.5851	3.7535	3.8208	5.1318
Pa-229	1.0495	0.9569	1.1280	1.2015	1.0484	0.8715	0.8759	1.0775
Pa-230	2.3882	2.2242	2.4237	2.3635	2.5402	2.0634	2.1094	2.8244
Pa-231	0.8566	0.7582	1.0893	1.0728	0.8431	0.7123	0.7150	0.9087

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Pa-232	2.4187	2.2853	2.4175	2.1983	2.6855	2.1449	2.1970	3.2123
Pa-233	1.7667	1.6626	1.8867	1.7931	1.8799	1.5985	1.5807	1.7505
Pa-234	4.3346	4.0863	4.3707	4.1182	4.7999	3.8031	3.8766	5.5805
Pa-234m	0.0354	0.0332	0.0345	0.0331	0.0393	0.0305	0.0319	0.0478
Pa-235	0.1043	0.0718	0.1215	0.1346	0.0732	0.0576	0.0678	0.1187
Pa-236	1.6607	1.5675	1.7326	1.5003	1.8789	1.4892	1.5360	2.2965
Pa-237	1.3586	1.2731	1.2642	1.0993	1.5118	1.1950	1.2573	1.7560
Pb-194	3.4662	3.1338	3.1307	3.1678	3.5906	2.9582	3.2927	3.8270
Pb-195m	5.2751	4.8946	4.9529	4.6060	5.5080	4.7281	4.9069	5.7697
Pb-196	3.1824	2.8557	2.9055	2.9667	3.2158	2.7398	2.9998	3.0699
Pb-197	3.4092	3.1527	3.0447	3.0086	3.5763	3.0188	3.2724	3.9661
Pb-197m	4.4815	4.1247	4.1492	3.9833	4.6380	3.9745	4.1532	4.7620
Pb-198	2.9560	2.6589	2.7044	2.7780	2.9977	2.5528	2.7887	2.9950
Pb-199	2.8130	2.5806	2.5310	2.5428	2.9159	2.4684	2.7056	3.0719
Pb-200	2.4431	2.1387	2.2710	2.4816	2.3818	1.9901	2.2647	2.7050
Pb-201	3.2434	2.9780	2.9555	2.9019	3.3928	2.8659	3.1294	3.2127
Pb-201m	1.2076	1.0938	1.2073	1.0579	1.3194	1.0309	1.1163	1.4553
Pb-202	0.2833	0.2008	0.3434	0.3617	0.2047	0.1628	0.1898	0.3231
Pb-202m	4.6024	4.3615	4.2072	3.6843	5.0835	4.1646	4.2716	5.7707
Pb-203	2.5248	2.2635	2.2904	2.3927	2.5659	2.1924	2.3738	2.3328
Pb-204m	4.1495	3.9560	3.6186	3.2832	4.6740	3.7365	3.8699	5.4594
Pb-205	0.2867	0.2032	0.3476	0.3661	0.2072	0.1647	0.1921	0.3270
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	0.3156	0.2429	0.3973	0.3843	0.2600	0.2101	0.2410	0.3532
Pb-211	0.1724	0.1648	0.1570	0.1387	0.1876	0.1601	0.1594	0.2028
Pb-212	1.2030	1.0794	1.0539	1.1245	1.2341	1.0347	1.0352	1.1761
Pb-214	1.4167	1.3176	1.3058	1.2304	1.4879	1.2958	1.2944	1.3399
Pd-100	2.1388	2.0812	2.2852	2.4620	2.4781	1.9717	1.9453	1.6123
Pd-101	1.7451	1.7665	2.1667	1.9251	2.1748	1.7280	1.5699	1.5928
Pd-103	0.5207	0.5540	0.7843	0.7123	0.7021	0.5371	0.4554	0.3815
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	0.9565	0.8980	0.9011	0.8921	1.0834	0.8529	0.8267	1.2130
Pd-109	0.3306	0.3301	0.3993	0.4262	0.3913	0.3227	0.2837	0.2324
Pd-111	0.1031	0.0985	0.0980	0.0843	0.1162	0.0958	0.0991	0.1260
Pd-112	0.1872	0.2022	0.3022	0.2838	0.2533	0.2004	0.1731	0.1785
Pd-114	0.1748	0.1688	0.1531	0.1544	0.1946	0.1584	0.1476	0.1819
Pd-96	2.9781	2.9235	2.9169	2.6892	3.4889	2.6862	2.6640	3.5342
Pd-97	2.9183	2.7867	2.7093	2.4328	3.2948	2.7253	2.7278	3.6945
Pd-98	2.0599	2.0427	2.2449	2.1665	2.4418	1.9002	1.8358	2.1583
Pd-99	2.3147	2.2622	2.2648	2.1391	2.6661	2.1222	2.0424	2.9687
Pm-136	4.4535	4.2553	4.1059	3.4706	5.0108	4.1373	4.1717	5.4173
Pm-137m	4.4923	4.1338	4.0004	3.8429	4.8290	4.0383	4.0838	5.1267
Pm-139	0.8008	0.7304	0.7073	0.6977	0.8361	0.7332	0.7530	0.8124



<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Pm-140m	4.7240	4.4741	4.1581	3.7554	5.2832	4.2671	4.4060	6.1655
Pm-140	0.3161	0.2875	0.2783	0.2710	0.3447	0.2773	0.2979	0.4009
Pm-141	0.6215	0.5330	0.5208	0.5917	0.6418	0.5270	0.5912	0.6597
Pm-142	0.2364	0.1987	0.1984	0.2339	0.2380	0.1998	0.2260	0.2274
Pm-143	1.3036	1.1248	1.1357	1.2223	1.3782	1.1014	1.2318	1.3693
Pm-144	4.3954	4.0519	4.2491	3.5584	4.9401	3.9453	4.1228	5.3125
Pm-145	0.7882	0.6333	0.6566	0.8285	0.7616	0.6441	0.7529	0.6011
Pm-146	2.4297	2.2500	2.2354	2.0064	2.6255	2.2159	2.2845	2.6524
Pm-147	0.0001	0.0001	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000
Pm-148	0.8570	0.8179	0.7829	0.6652	0.9635	0.7822	0.8089	1.1802
Pm-148m	4.9921	4.7179	4.8509	3.8181	5.6621	4.5767	4.6691	6.1792
Pm-149	0.0574	0.0535	0.0520	0.0473	0.0628	0.0536	0.0521	0.0575
Pm-150	2.5710	2.4653	2.2810	2.0107	2.8951	2.3934	2.4539	3.2697
Pm-151	1.6909	1.5412	1.4913	1.4213	1.7954	1.5210	1.5758	1.8942
Pm-152m	3.9457	3.6868	3.3943	3.3023	4.3358	3.5307	3.5377	4.6818
Pm-152	0.6793	0.6313	0.5780	0.5833	0.7477	0.5780	0.6145	0.8335
Pm-153	0.8615	0.7819	0.7434	0.8579	0.8987	0.7244	0.7425	0.8416
Pm-154	2.2047	2.0163	1.8334	1.8214	2.4053	1.9076	2.1286	3.1665
Pm-154m	3.7264	3.4326	3.2063	3.0981	4.0288	3.2991	3.4605	4.8363
Po-203	3.6494	3.3229	3.2012	3.2784	3.8736	3.0517	3.3071	4.5508
Po-204	4.9689	4.4313	4.5949	4.7514	5.0486	4.0908	4.4562	5.3908
Po-205	3.5249	3.2161	3.0850	3.1652	3.7668	2.9403	3.2102	4.4342
Po-206	4.3714	3.9641	4.1082	3.9757	4.5183	3.7171	3.9479	4.7387
Po-207	3.2035	2.9242	2.8123	2.8563	3.4154	2.6853	2.9112	3.9072
Po-208	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-209	0.0384	0.0316	0.0380	0.0405	0.0353	0.0285	0.0307	0.0429
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-211	0.0170	0.0161	0.0158	0.0131	0.0194	0.0152	0.0159	0.0224
Po-212m	0.0670	0.0609	0.0616	0.0509	0.0736	0.0616	0.0731	0.0962
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	0.0001	0.0001	0.0002
Po-215	0.0007	0.0006	0.0006	0.0005	0.0007	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	5.9801	5.6903	5.5154	4.7298	6.6807	5.5801	5.5770	7.2042
Pr-134m	2.7932	2.6792	2.5357	2.2214	3.0260	2.6713	2.6449	3.3265
Pr-135	1.8176	1.6518	1.6289	1.7380	1.9647	1.6510	1.6794	1.7086
Pr-136	3.3289	3.1295	3.1722	2.6633	3.6639	3.0811	3.1807	3.8673
Pr-137	0.6995	0.6148	0.6436	0.7706	0.7452	0.6287	0.6560	0.6253
Pr-138	0.2378	0.2093	0.2183	0.2607	0.2564	0.2120	0.2236	0.2218
Pr-138m	4.9539	4.6508	4.3630	4.1561	5.6222	4.4414	4.6477	6.2151
Pr-139	0.6732	0.5787	0.6215	0.7983	0.7080	0.6019	0.6307	0.5151

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Pr-140	0.3586	0.3083	0.3312	0.4256	0.3771	0.3207	0.3363	0.2728
Pr-142	0.0472	0.0460	0.0399	0.0384	0.0524	0.0438	0.0451	0.0781
Pr-142m	0.0140	0.0097	0.0163	0.0181	0.0098	0.0077	0.0091	0.0160
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0318	0.0300	0.0294	0.0248	0.0367	0.0288	0.0315	0.0491
Pr-144m	0.3427	0.2762	0.3149	0.3913	0.3282	0.2762	0.3080	0.2793
Pr-145	0.0414	0.0379	0.0365	0.0349	0.0464	0.0359	0.0395	0.0530
Pr-146	1.6260	1.5601	1.4845	1.2598	1.7841	1.5289	1.5500	2.0658
Pr-147	2.2318	1.9716	1.9294	2.0334	2.3431	1.9402	2.0934	2.1566
Pr-148	1.9425	1.8477	1.7432	1.5304	2.1931	1.8083	1.8494	2.3648
Pr-148m	3.0265	2.8940	2.8104	2.3597	3.3662	2.8795	2.8462	3.2132
Pt-184	5.4521	4.7850	5.2020	5.3559	5.4534	4.5837	5.7394	6.0503
Pt-186	2.8732	2.5608	2.7951	2.7089	3.0243	2.4487	3.0847	3.2499
Pt-187	3.3250	2.9321	3.1472	3.3037	3.3498	2.7974	3.6095	3.4078
Pt-188	2.2413	1.9338	2.1212	2.2840	2.1879	1.8453	2.4502	2.2925
Pt-189	3.0786	2.6898	2.9793	3.1004	3.0717	2.5719	3.3848	3.1378
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	2.7126	2.3652	2.6194	2.7752	2.6499	2.2874	3.0902	2.5566
Pt-193	0.3031	0.2132	0.3636	0.3880	0.2173	0.1723	0.2014	0.3455
Pt-193m	0.4982	0.3775	0.5480	0.6034	0.4004	0.3285	0.4329	0.5139
Pt-195m	1.7390	1.4145	1.7810	1.9999	1.5408	1.2882	1.7374	1.6698
Pt-197	0.5036	0.4076	0.4904	0.5587	0.4413	0.3596	0.4145	0.4910
Pt-197m	1.2292	1.0132	1.2663	1.3517	1.1087	0.9394	1.2169	1.1802
Pt-199	0.7836	0.7282	0.7432	0.6419	0.8360	0.7097	0.7327	0.8427
Pt-200	0.8771	0.7389	0.8371	0.9354	0.8175	0.6795	0.8229	0.8608
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pu-232	0.8800	0.8295	0.9539	1.0009	0.9184	0.7563	0.7385	0.9267
Pu-234	0.9992	0.9397	1.1010	1.1490	1.0413	0.8575	0.8379	1.0553
Pu-235	1.3381	1.2531	1.4971	1.5499	1.3976	1.1472	1.1274	1.4217
Pu-236	0.1133	0.1045	0.1692	0.1598	0.1188	0.0979	0.0959	0.1273
Pu-237	0.9260	0.8606	1.0863	1.1116	0.9604	0.7915	0.7949	0.9824
Pu-238	0.1046	0.0964	0.1563	0.1476	0.1095	0.0903	0.0885	0.1176
Pu-239	0.0651	0.0551	0.0900	0.0890	0.0609	0.0497	0.0510	0.0734
Pu-240	0.0984	0.0907	0.1469	0.1388	0.1030	0.0850	0.0832	0.1106
Pu-241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pu-242	0.0844	0.0778	0.1260	0.1190	0.0884	0.0729	0.0714	0.0949
Pu-243	0.3905	0.3551	0.3747	0.4362	0.3971	0.3285	0.3312	0.3381
Pu-244	0.0991	0.0921	0.1307	0.1219	0.1058	0.0872	0.0870	0.1179
Pu-245	1.4987	1.4382	1.4529	1.3220	1.6640	1.3789	1.3719	1.6298
Pu-246	1.6563	1.5239	1.6545	1.7244	1.7717	1.4372	1.4378	1.7586
Ra-219	0.9858	0.9258	0.9113	0.8526	1.0585	0.9046	0.9148	0.8882
Ra-220	0.0175	0.0169	0.0168	0.0133	0.0185	0.0170	0.0165	0.0168
Ra-221	0.5779	0.5083	0.6263	0.6314	0.5615	0.4640	0.4731	0.7714

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Ra-222	0.0446	0.0429	0.0412	0.0353	0.0493	0.0431	0.0429	0.0398
Ra-223	1.3608	1.2207	1.2733	1.3595	1.3568	1.1412	1.1442	1.4162
Ra-224	0.0680	0.0626	0.0602	0.0594	0.0734	0.0620	0.0570	0.0731
Ra-225	0.4258	0.3408	0.4013	0.4435	0.3938	0.3362	0.4021	0.3641
Ra-226	1.4219	1.4145	1.3301	1.3501	1.5409	1.5668	1.4879	1.4504
Ra-227	1.2940	1.1857	1.4498	1.4081	1.3352	1.1426	1.1219	1.3162
Ra-228	1.2808	1.2737	1.1926	1.2151	1.3789	1.4049	1.3556	1.3176
Ra-230	0.6798	0.6176	0.6676	0.6842	0.6902	0.5852	0.6310	0.6874
Rb-77	1.8193	1.6891	1.6736	1.6027	1.9797	1.6440	1.9832	2.2541
Rb-78m	3.6613	3.4943	3.3916	2.8546	4.0712	3.4018	3.4906	4.8115
Rb-78	2.8233	2.6413	2.6204	2.1847	3.1058	2.6532	2.8694	3.9142
Rb-79	2.3659	2.2165	2.3351	2.0187	2.5652	2.1069	2.1037	3.3195
Rb-80	0.4218	0.3971	0.4370	0.3206	0.4953	0.3823	0.3920	0.5748
Rb-81	1.0257	0.9507	1.1571	0.9222	1.0369	0.9148	0.9217	1.1027
Rb-81m	0.3796	0.3463	0.5535	0.4531	0.3720	0.3151	0.3313	0.4300
Rb-82	0.2488	0.2342	0.2352	0.2054	0.2858	0.2148	0.2314	0.3626
Rb-82m	5.1172	4.8202	4.9372	4.1199	5.8008	4.5247	4.7513	7.1007
Rb-83	2.0412	1.8922	2.2505	1.7399	2.1144	1.8280	1.8702	2.1594
Rb-84	1.2919	1.1925	1.3044	1.1460	1.4177	1.0724	1.1699	1.8432
Rb-84m	2.0377	1.9086	1.9079	1.7040	2.1957	1.8992	1.7831	2.1576
Rb-86m	1.6284	1.5461	1.6318	1.2238	1.8052	1.5231	1.5375	1.8123
Rb-86	0.1188	0.1124	0.0981	0.0929	0.1373	0.1022	0.1106	0.1874
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rb-88	0.5406	0.5132	0.4581	0.4307	0.6097	0.4882	0.5397	0.8803
Rb-89	2.2934	2.1550	1.9419	1.7946	2.6230	2.0236	2.2364	3.6607
Rb-90	1.2522	1.1557	1.0917	0.9788	1.4427	1.1282	1.2699	2.0859
Rb-90m	2.8687	2.6902	2.4845	2.2658	3.2958	2.5554	2.8653	4.5742
Re-178	2.9505	2.6294	2.6858	2.7364	3.0994	2.5290	3.0092	3.5411
Re-179	3.9322	3.5992	3.6459	3.4748	4.1149	3.5479	4.0278	4.1647
Re-180	3.0593	2.7239	2.7784	2.8620	3.2465	2.5304	3.1764	3.7900
Re-181	3.6839	3.3211	3.4611	3.3687	3.8277	3.2593	3.9150	3.8302
Re-182	6.8544	6.1245	6.1968	6.3968	7.1759	5.8839	7.0331	8.1658
Re-182m	3.3815	2.9928	3.0633	3.2559	3.5161	2.8536	3.7432	4.0398
Re-183	2.4248	2.0170	2.3293	2.5365	2.3420	1.9373	2.6616	2.7072
Re-184	2.7491	2.4547	2.5075	2.5692	2.9355	2.2905	2.8945	3.3350
Re-184m	2.4501	2.1201	2.3252	2.4465	2.4454	2.0099	2.5130	2.6788
Re-186	0.2745	0.2427	0.2607	0.2833	0.2753	0.2233	0.2802	0.3176
Re-186m	0.9997	0.7300	1.1002	1.2137	0.7836	0.6312	0.8226	1.0667
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	0.3640	0.3265	0.3495	0.3352	0.3772	0.3137	0.3425	0.6200
Re-188m	1.4720	1.2062	1.4825	1.6642	1.3486	1.1328	1.6658	1.4200
Re-189	0.4250	0.3761	0.3891	0.3936	0.4359	0.3599	0.3903	0.4846
Re-190	4.3252	4.0729	4.0067	3.4434	4.7601	3.9719	4.0281	5.2170

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Re-190m	3.5998	3.3361	3.4130	3.0491	3.8492	3.2466	3.4935	4.0570
Rh-100m	0.8542	0.8772	1.1571	1.1043	1.0955	0.8546	0.7684	0.6569
Rh-100	3.9998	3.8492	3.9684	3.3970	4.5550	3.7600	3.8902	5.1432
Rh-101	2.5133	2.4742	2.4817	2.4743	2.9407	2.2745	2.1582	2.5709
Rh-101m	1.7997	1.7877	1.9669	1.7237	2.1359	1.7866	1.6925	1.6094
Rh-102	1.3459	1.3287	1.4780	1.2234	1.5395	1.3184	1.2579	1.3318
Rh-102m	5.2290	5.0434	5.2666	4.3208	6.0325	4.8745	4.8803	6.4187
Rh-103m	0.0769	0.0737	0.1081	0.1033	0.0898	0.0691	0.0626	0.0648
Rh-104	0.0370	0.0354	0.0380	0.0293	0.0417	0.0349	0.0348	0.0411
Rh-104m	0.9339	0.8910	1.0679	1.0392	1.1696	0.8830	0.9247	0.7726
Rh-105	0.3719	0.3592	0.3427	0.2897	0.4171	0.3624	0.3605	0.3292
Rh-106	0.5644	0.5363	0.5557	0.4249	0.6245	0.5267	0.5336	0.6352
Rh-106m	5.6577	5.4002	5.2262	4.3675	6.3316	5.2031	5.3108	7.1979
Rh-107	1.4385	1.3848	1.3224	1.1323	1.6010	1.3983	1.3580	1.3544
Rh-108	1.0155	0.9806	0.9788	0.7695	1.1009	0.9841	0.9475	1.0802
Rh-109	1.5350	1.4773	1.4261	1.2654	1.7051	1.4760	1.4250	1.5167
Rh-94	3.2313	3.0928	2.8207	2.5672	3.6819	2.9233	3.0752	4.8711
Rh-95	2.2109	2.1101	1.9924	1.8279	2.5727	1.9759	2.1036	3.3467
Rh-95m	1.6360	1.5552	1.6316	1.2693	1.8225	1.5365	1.5648	1.8644
Rh-96	5.4184	5.1518	5.1809	4.3056	6.3893	4.8481	5.0895	7.8936
Rh-96m	1.3267	1.2833	1.2945	1.1875	1.5713	1.2037	1.2568	1.8672
Rh-97	2.0351	1.9937	1.9866	1.7063	2.2729	1.9740	1.9009	2.3248
Rh-97m	2.9570	2.8269	2.8432	2.6013	3.3813	2.7395	2.8290	4.0604
Rh-98	1.6046	1.5207	1.6280	1.2564	1.9102	1.4535	1.5055	2.3069
Rh-99	2.5647	2.5330	2.7988	2.4994	2.9703	2.4872	2.3639	2.4597
Rh-99m	2.0926	2.0733	2.2351	1.9271	2.4594	2.0550	1.9651	2.1368
Rn-207	2.9329	2.7353	2.7150	2.5370	3.1455	2.6153	2.6481	3.2000
Rn-209	3.2440	3.0246	2.9622	2.8319	3.4320	2.8919	2.9201	3.6418
Rn-210	0.2335	0.2133	0.2204	0.2118	0.2443	0.2007	0.2073	0.2574
Rn-211	4.0604	3.7714	3.7489	3.4899	4.4402	3.5339	3.6560	5.3133
Rn-212	0.0007	0.0007	0.0007	0.0005	0.0008	0.0006	0.0006	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	0.0018	0.0017	0.0019	0.0014	0.0021	0.0017	0.0017	0.0024
Rn-219	0.2931	0.2779	0.2660	0.2432	0.3133	0.2803	0.2602	0.2922
Rn-220	1.7887	1.7978	1.6755	1.6815	1.9078	1.9519	1.8367	1.7856
Rn-222	0.0014	0.0013	0.0014	0.0011	0.0015	0.0013	0.0013	0.0014
Rn-223	1.4864	1.3435	1.5443	1.4496	1.5352	1.2544	1.2944	1.7889
Ru-103	1.7872	1.7068	1.7459	1.3445	1.9068	1.7034	1.7009	1.7224
Ru-105	2.0156	1.9335	1.9504	1.6264	2.3116	1.8634	1.8700	2.4601
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	0.7939	0.7529	0.7059	0.6298	0.8882	0.7218	0.7316	1.0129

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ru-108	0.5796	0.5377	0.5592	0.5348	0.6306	0.5187	0.5012	1.0651
Ru-92	5.6322	5.4078	5.4377	5.2728	6.4864	5.2406	5.0509	6.5200
Ru-94	1.9431	1.9480	2.0827	1.8369	2.2682	1.9411	1.8251	2.0343
Ru-95	2.6689	2.6162	2.7040	2.3581	3.1241	2.5634	2.5344	3.1239
Ru-97	1.8264	1.7713	1.8813	1.8064	2.1492	1.7254	1.6212	1.9083
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	1.1834	1.0676	1.0557	0.9102	1.3570	1.1098	1.4520	2.1660
S-38	1.1406	1.0897	0.9667	0.9183	1.2601	1.0636	1.1854	1.9468
Sb-111	2.3227	2.1910	2.1802	1.9910	2.5198	2.1348	2.0930	3.4386
Sb-113	2.1293	2.0425	2.0505	1.7566	2.2949	2.0366	2.0056	2.0060
Sb-114	2.1967	2.1048	1.9083	1.8102	2.5115	1.9943	2.0741	3.3485
Sb-115	2.2989	2.2085	2.2594	1.9735	2.4666	2.2140	2.1528	2.0494
Sb-116	2.0170	1.9274	1.7656	1.7574	2.2971	1.8386	1.9158	2.9820
Sb-116m	5.8254	5.5950	5.2636	5.0997	6.5281	5.3387	5.3252	7.4055
Sb-117	1.9218	1.8020	1.8723	1.9906	2.0814	1.7954	1.6623	3.0786
Sb-118	0.2317	0.2261	0.2308	0.2737	0.2610	0.2265	0.2056	0.1946
Sb-118m	5.5961	5.2751	4.9185	5.0842	6.2784	5.1230	5.0430	6.8426
Sb-119	0.8176	0.7968	0.8669	1.0721	0.9092	0.8064	0.7031	0.5139
Sb-120	0.4119	0.4041	0.4231	0.5271	0.4628	0.4102	0.3596	0.2746
Sb-120m	5.5587	5.2269	4.6885	4.9978	6.2045	4.8777	4.9732	6.9485
Sb-122m	1.3736	1.2794	1.3147	1.6195	1.4937	1.3071	1.6252	0.9733
Sb-122	1.2405	1.1775	1.2411	0.9420	1.3910	1.1553	1.1677	1.4327
Sb-124	2.6609	2.5304	2.5559	2.0531	3.0559	2.4380	2.5268	3.8029
Sb-124m	1.2175	1.1440	1.2305	0.9370	1.3622	1.1139	1.1330	1.4564
Sb-124n	0.0490	0.0337	0.0569	0.0633	0.0343	0.0270	0.0318	0.0557
Sb-125	1.7764	1.7052	1.7607	1.6270	1.9830	1.7145	1.6296	1.8465
Sb-126	6.1758	5.8826	5.9445	4.7517	7.1310	5.6581	5.7437	8.2222
Sb-126m	3.7446	3.5825	3.6325	2.8706	4.2715	3.4905	3.4750	4.7909
Sb-127	1.8349	1.7471	1.7538	1.4401	2.0714	1.7035	1.7138	2.2222
Sb-128	6.8888	6.5472	6.5064	5.3441	7.9748	6.2500	6.4810	9.0121
Sb-128m	4.3809	4.1758	4.0303	3.4359	5.0846	3.9776	4.1488	5.6202
Sb-129	2.3537	2.2361	2.0935	1.8486	2.6986	2.0949	2.2137	3.3667
Sb-130m	4.9055	4.6369	4.2764	3.9221	5.6587	4.2881	4.5586	7.2661
Sb-130	7.1352	6.7729	6.3477	5.6907	8.1278	6.4217	6.6571	9.6562
Sb-131	2.8490	2.6990	2.5232	2.2386	3.2810	2.5342	2.6997	4.2364
Sb-133	2.9673	2.8106	2.5488	2.3362	3.3730	2.6609	2.8795	4.5830
Sc-42m	4.2051	4.0664	3.7106	3.2956	4.6424	3.9479	3.9546	5.8634
Sc-43	0.3428	0.3333	0.3176	0.2684	0.3639	0.3397	0.3176	0.3313
Sc-44	1.3586	1.2908	1.1363	1.0708	1.5648	1.1902	1.2689	2.1956
Sc-44m	1.3495	1.2672	1.2037	1.1110	1.4886	1.2814	1.1875	1.4032
Sc-46	2.7679	2.6220	2.3251	2.1759	3.2121	2.3899	2.5836	4.2989
Sc-47	0.9350	0.8503	0.8718	0.8093	0.9902	0.8330	0.8056	2.0590
Sc-48	4.1956	3.9745	3.4841	3.2975	4.8320	3.6389	3.9069	6.6763

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Sc-49	0.0008	0.0007	0.0007	0.0006	0.0009	0.0007	0.0008	0.0013
Sc-50	4.2261	4.0443	3.7672	3.2940	4.7073	3.8680	4.0019	5.9207
Se-70	2.3263	1.9561	2.3506	2.3092	2.1920	1.8351	1.9295	2.4866
Se-71	1.4247	1.3390	1.2698	1.2069	1.5800	1.2432	1.2678	2.3696
Se-72	1.3358	0.9873	1.3669	1.4744	1.1327	0.8872	1.0806	1.3770
Se-73	2.4190	2.2363	2.2758	2.1827	2.4881	2.2307	2.5612	2.2336
Se-73m	0.3413	0.2918	0.3551	0.3456	0.3219	0.2709	0.2923	0.3745
Se-75	3.0723	2.7828	2.9382	2.9201	3.1314	2.6042	2.5144	3.4688
Se-77m	0.9730	0.8440	0.9894	0.9340	0.9586	0.7963	0.7999	1.8330
Se-79m	0.5297	0.4120	0.6423	0.6389	0.4270	0.3480	0.3870	0.5891
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0288	0.0273	0.0264	0.0229	0.0322	0.0271	0.0264	0.0313
Se-81m	0.5693	0.4518	0.6818	0.6783	0.4708	0.3834	0.4200	0.6366
Se-83m	1.3942	1.3252	1.2175	1.0858	1.5903	1.2522	1.3240	1.9995
Se-83	4.9323	4.7003	4.4484	3.8432	5.4905	4.5733	4.6646	6.1722
Se-84	1.5420	1.5160	1.4303	1.1762	1.6212	1.5560	1.4209	1.5275
Si-31	0.0009	0.0009	0.0008	0.0007	0.0010	0.0008	0.0009	0.0015
Si-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-139	2.3802	2.2060	2.1428	1.9413	2.6128	2.1828	2.2200	2.6035
Sm-140	1.5028	1.3010	1.2467	1.3535	1.5429	1.2709	1.3951	1.5704
Sm-141	2.1506	2.0167	1.9074	1.7411	2.2607	2.0210	2.0219	2.3401
Sm-141m	4.1526	3.7986	3.5477	3.4088	4.5127	3.6390	3.8393	5.0657
Sm-142	0.7536	0.5889	0.5937	0.7388	0.7075	0.5955	0.7221	0.5836
Sm-143	0.4971	0.3971	0.3940	0.4775	0.4770	0.3978	0.4753	0.4249
Sm-143m	1.3521	1.2672	1.2280	1.0738	1.5726	1.1770	1.2687	1.9277
Sm-145	1.5370	1.2110	1.2214	1.5130	1.4557	1.2301	1.5507	1.1799
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	0.0011	0.0017	0.0018	0.0011	0.0009	0.0010	0.0015
Sm-153	1.0360	0.8577	0.8269	0.9794	1.0050	0.8279	0.9786	0.9089
Sm-155	1.0725	0.9889	0.9268	1.0472	1.1082	0.9131	0.9263	1.0818
Sm-156	1.1146	0.9780	0.9474	1.0398	1.1329	0.9240	0.9676	1.2578
Sm-157	1.8696	1.6964	1.5249	1.5370	2.0140	1.6139	1.6854	2.1257
Sn-106	3.4164	3.2931	3.1950	3.0631	3.8092	3.2385	3.0838	3.6111
Sn-108	3.2808	3.1662	3.1391	3.0096	3.6206	3.1708	2.9266	3.4563
Sn-109	2.9763	2.8608	2.7115	2.6472	3.3729	2.7622	2.8157	3.9276
Sn-110	2.0802	2.0027	2.0007	2.0032	2.3358	2.0296	1.8618	1.8056
Sn-111	0.6322	0.6217	0.6530	0.7328	0.7243	0.6184	0.5683	0.5617
Sn-113	0.6589	0.6546	0.7199	0.8513	0.7576	0.6625	0.5720	0.4202
Sn-113m	0.4632	0.4515	0.4847	0.6061	0.5147	0.4579	0.3997	0.2883
Sn-117m	1.8181	1.6951	1.7648	1.8461	1.9581	1.6845	1.5686	3.0650
Sn-119m	0.5539	0.5326	0.5942	0.7240	0.6051	0.5335	0.4698	0.3626

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.1776	0.1637	0.1860	0.2323	0.1884	0.1647	0.1511	0.1261
Sn-123	0.0087	0.0083	0.0072	0.0068	0.0101	0.0075	0.0081	0.0138
Sn-123m	1.2680	1.1600	1.1895	1.1406	1.3517	1.1398	1.0941	2.6136
Sn-125m	1.5035	1.4585	1.3829	1.1677	1.6691	1.4755	1.4494	1.3648
Sn-125	0.4638	0.4402	0.3945	0.3640	0.5319	0.4082	0.4374	0.6901
Sn-126	0.9304	0.8578	0.8376	1.0525	0.9656	0.8228	0.8560	0.7137
Sn-127m	1.7439	1.6700	1.6777	1.3171	1.8551	1.6661	1.6574	1.7313
Sn-127	2.9785	2.8246	2.6087	2.3692	3.3670	2.6753	2.8026	4.1708
Sn-128	3.4169	3.2622	3.3126	3.3966	3.7484	3.2784	3.1711	3.0099
Sn-129	1.7992	1.7016	1.7586	1.3795	2.1182	1.6223	1.6796	2.5934
Sn-130	3.4827	3.2709	3.0928	3.0969	3.8993	3.1443	3.2796	4.0695
Sn-130m	2.1125	2.0063	1.9201	1.9175	2.3850	1.9129	1.9767	2.7372
Sr-79	1.3291	1.2207	1.2842	1.2235	1.3871	1.1784	1.2078	1.3860
Sr-80	1.3969	1.3103	1.6004	1.2500	1.5109	1.2623	1.2721	1.7259
Sr-81	2.0735	1.9496	1.9558	1.7456	2.2487	1.8732	1.8395	3.1925
Sr-82	0.3901	0.3584	0.6384	0.4913	0.3796	0.3254	0.3418	0.4624
Sr-83	1.6274	1.5380	1.8574	1.5266	1.7528	1.4533	1.4917	2.0645
Sr-85	2.1199	2.0072	2.3383	1.7910	2.2308	1.9664	1.9875	2.1598
Sr-85m	1.4614	1.3461	1.3041	1.2573	1.5866	1.3164	1.2352	1.7638
Sr-87m	1.2694	1.2510	1.2179	1.0165	1.3460	1.2819	1.1726	1.2659
Sr-89	0.0001	0.0001	0.0001	0.0001	0.0002	0.0001	0.0001	0.0002
Sr-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sr-91	1.1444	1.0815	1.0183	0.8913	1.3364	0.9988	1.0653	1.7031
Sr-92	1.3523	1.3012	1.1511	1.0801	1.5316	1.2319	1.2720	2.1806
Sr-93	3.7979	3.5957	3.5469	3.0112	4.3303	3.4414	3.5846	5.4640
Sr-94	1.3487	1.3003	1.1550	1.0794	1.5296	1.2296	1.2776	2.2171
Ta-170	1.4469	1.2667	1.3139	1.3769	1.5029	1.1903	1.4320	1.6590
Ta-172	3.4051	3.0583	2.9956	3.0250	3.6512	2.9019	3.3582	4.1927
Ta-173	2.4694	2.0968	2.2726	2.4177	2.5099	2.0192	2.6760	2.9047
Ta-174	2.5803	2.2486	2.2599	2.3897	2.6872	2.1353	2.5943	2.9063
Ta-175	3.5015	3.1223	3.1193	3.1912	3.7111	3.0202	3.6862	3.9913
Ta-176	3.5276	3.1702	3.1371	3.1359	3.7724	3.0318	3.6385	4.6920
Ta-177	1.0851	0.9003	1.0015	1.1119	1.0911	0.8783	1.2898	1.0320
Ta-178	1.1410	0.9403	1.0553	1.1742	1.1357	0.9166	1.3406	1.1144
Ta-178m	7.1271	6.5248	6.3765	6.2098	7.4921	6.4242	6.9940	6.8238
Ta-179	0.5856	0.4645	0.5679	0.6315	0.5542	0.4456	0.6614	0.5700
Ta-180	0.9222	0.7541	0.8578	0.9597	0.9118	0.7368	1.0961	0.8716
Ta-182	2.9400	2.6651	2.5953	2.6957	3.1367	2.5167	3.0233	3.8326
Ta-182m	3.1222	2.6702	2.9447	3.0731	3.1099	2.5332	3.0663	4.2194
Ta-183	2.9632	2.5629	2.7835	2.9130	2.9640	2.4791	2.9691	3.2222
Ta-184	5.4334	5.0615	4.9618	4.6069	5.8147	4.9200	5.0443	6.1557
Ta-185	1.6419	1.4020	1.5534	1.6262	1.6222	1.3308	1.6202	2.1528

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Ta-186	5.0299	4.6893	4.5773	4.1247	5.5424	4.4767	4.6509	5.8339
Tb-146	2.8944	2.7345	2.4459	2.3290	3.2144	2.6061	2.7807	4.4200
Tb-147m	1.9026	1.7165	1.5656	1.5854	2.0497	1.6521	1.8372	2.7116
Tb-147	3.4712	3.1719	2.9855	2.8534	3.8399	2.9923	3.2487	4.7951
Tb-148m	6.5508	6.1465	5.9482	5.1750	7.3684	5.8914	6.1136	8.4649
Tb-148	2.8683	2.6452	2.5218	2.2956	3.2107	2.5143	2.7617	3.9223
Tb-149m	2.7710	2.4997	2.4282	2.2711	3.0998	2.3526	2.6113	3.7094
Tb-149	3.2537	2.9508	2.8337	2.6618	3.5101	2.8770	3.0682	4.1796
Tb-150m	6.9097	6.4273	6.5967	5.3792	7.7020	6.2818	6.4806	8.3114
Tb-150	3.2691	2.9621	2.9784	2.6044	3.6258	2.8860	3.1834	4.3694
Tb-151	4.3282	3.8839	3.8043	3.6098	4.5866	3.8268	3.9940	4.6255
Tb-151m	0.8037	0.6357	0.7857	0.8317	0.7429	0.5890	0.6714	0.8461
Tb-152m	3.8975	3.4936	3.4426	3.2497	4.1192	3.4890	3.6595	4.1241
Tb-152	2.9692	2.7047	2.5796	2.4046	3.1988	2.6757	2.8618	3.3450
Tb-153	2.4418	2.0701	1.9973	2.1547	2.4874	1.9990	2.2349	2.5053
Tb-154	3.2906	2.9365	2.7601	2.7613	3.5386	2.8142	3.2062	4.2907
Tb-155	2.2846	1.9172	1.8481	2.1128	2.2691	1.8480	2.0826	2.2833
Tb-156	5.0991	4.5964	4.3871	4.1940	5.4462	4.4328	4.7492	5.9263
Tb-156m	0.6204	0.4945	0.4482	0.4968	0.7057	0.5063	0.6472	0.5970
Tb-156n	0.2115	0.1529	0.2180	0.2467	0.1683	0.1325	0.1589	0.2219
Tb-157	0.2311	0.1672	0.2249	0.2564	0.1898	0.1504	0.1849	0.2312
Tb-158	2.3869	2.0587	1.9449	2.0658	2.5122	1.9264	2.2067	2.8859
Tb-160	2.3381	2.1572	1.9843	1.9247	2.6010	2.0215	2.1595	3.0487
Tb-161	0.8639	0.7155	0.7731	0.9199	0.8619	0.6957	0.8007	0.7391
Tb-162	3.1523	2.9127	2.7278	2.6144	3.5118	2.7874	2.8260	4.0007
Tb-163	3.0308	2.9009	2.8420	2.3468	3.2623	2.9207	2.8453	3.0289
Tb-164	5.2241	4.8527	4.7373	4.2195	5.8539	4.6357	4.8532	7.1508
Tb-165	1.1929	1.1122	1.0573	0.9764	1.3108	1.0538	1.1072	1.7300
Tc-101	1.5725	1.5105	1.4494	1.2379	1.7610	1.5137	1.4943	1.4825
Tc-102m	3.8300	3.6462	3.5614	2.9420	4.2445	3.5645	3.6841	4.9706
Tc-102	0.1901	0.1817	0.1795	0.1446	0.2070	0.1792	0.1804	0.2147
Tc-104	3.5152	3.3666	3.1889	2.7333	3.8865	3.3303	3.4072	4.4016
Tc-105	2.4673	2.3563	2.3145	2.1125	2.7491	2.2763	2.2488	3.1257
Tc-91	1.2401	1.1680	1.0879	1.0026	1.3916	1.1395	1.2762	1.9624
Tc-91m	1.1488	1.0998	1.1094	0.8837	1.2417	1.0867	1.0943	1.2209
Tc-92	5.3334	5.1132	4.8205	4.4385	6.0171	4.8982	4.9579	7.5949
Tc-93	1.6713	1.6729	1.7203	1.6388	1.9939	1.6135	1.6000	2.5624
Tc-93m	1.4128	1.3831	1.3933	1.2196	1.5705	1.4120	1.3959	1.6741
Tc-94	4.7929	4.6080	4.5845	4.0678	5.7038	4.2865	4.5016	6.9073
Tc-94m	1.7427	1.6702	1.5886	1.4784	2.0510	1.5493	1.6675	2.6149
Tc-95	1.8271	1.8077	1.9680	1.7806	2.2460	1.7112	1.7330	2.5205
Tc-95m	2.3613	2.2821	2.3855	2.1995	2.7880	2.1791	2.1678	2.8873
Tc-96	4.6930	4.5294	4.4370	4.0532	5.5884	4.1968	4.4229	6.7717



<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Tc-96m	0.2986	0.3166	0.4341	0.4050	0.3947	0.3113	0.2789	0.3142
Tc-97	0.3885	0.4393	0.6562	0.6307	0.5493	0.4486	0.3837	0.4072
Tc-97m	0.3297	0.3621	0.5327	0.4992	0.4554	0.3611	0.3089	0.3061
Tc-98	2.8311	2.6759	2.7592	2.1815	3.3624	2.5184	2.6412	4.0904
Tc-99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Tc-99m	1.1708	1.1330	1.0792	1.0945	1.2949	1.0294	0.9733	1.8212
Te-113	1.5392	1.4597	1.3461	1.2499	1.7577	1.3832	1.4823	2.3193
Te-114	2.6698	2.5456	2.4937	2.6175	2.9808	2.4972	2.4494	2.9707
Te-115	2.3631	2.2521	2.1291	1.9874	2.7055	2.1534	2.1949	3.3121
Te-115m	2.7254	2.6001	2.4482	2.2982	3.1236	2.4725	2.5809	3.9129
Te-116	1.4754	1.4219	1.4643	1.7997	1.6341	1.4183	1.2844	1.1155
Te-117	2.0738	1.9761	1.9471	1.8885	2.3925	1.9028	1.9559	2.7339
Te-118	0.6312	0.6180	0.6644	0.8464	0.7178	0.6363	0.5524	0.3956
Te-119	2.0537	1.9607	2.1045	1.9294	2.4110	1.9195	1.8780	2.4394
Te-119m	3.4737	3.2923	3.1599	3.2049	3.8942	3.1835	3.1207	5.1140
Te-121	2.2832	2.1870	2.3194	2.0999	2.5582	2.1821	2.1111	2.2452
Te-121m	1.6336	1.5176	1.4392	1.5850	1.8110	1.4758	1.4073	1.6230
Te-123	0.0435	0.0302	0.0505	0.0563	0.0310	0.0245	0.0285	0.0490
Te-123m	1.5908	1.4684	1.5463	1.5980	1.7146	1.4599	1.3737	2.8442
Te-125m	1.0624	1.0264	1.1249	1.4441	1.2155	1.0643	0.9380	0.7014
Te-127	0.0197	0.0192	0.0183	0.0157	0.0210	0.0196	0.0183	0.0192
Te-127m	0.3481	0.3317	0.3726	0.4733	0.3902	0.3404	0.3037	0.2399
Te-129	0.3748	0.3511	0.3791	0.3924	0.3976	0.3509	0.3311	0.3333
Te-129m	0.3089	0.2957	0.3247	0.3866	0.3521	0.2993	0.2723	0.2540
Te-131	1.7468	1.6525	1.6265	1.5146	1.9068	1.5955	1.5495	2.6969
Te-131m	3.0265	2.8716	2.6964	2.5550	3.4586	2.7111	2.7910	4.0615
Te-132	2.0169	1.8785	1.8187	2.0138	2.2692	1.8835	1.7613	1.9318
Te-133	2.4590	2.3623	2.2159	1.9260	2.7514	2.3244	2.3524	2.8999
Te-133m	3.5149	3.3356	3.1545	2.8839	4.0119	3.1660	3.2690	4.7703
Te-134	3.1411	2.9575	2.8334	2.6721	3.4899	2.8678	2.8431	3.5961
Th-223	1.0812	0.9725	1.1048	1.1901	1.0675	0.8858	0.8949	1.1683
Th-224	0.1928	0.1757	0.1842	0.1800	0.2028	0.1675	0.1655	0.2864
Th-226	0.1391	0.1271	0.1630	0.1641	0.1410	0.1161	0.1149	0.1536
Th-227	1.3694	1.2288	1.4987	1.4568	1.4068	1.1756	1.1797	1.4614
Th-228	0.1129	0.0995	0.1510	0.1482	0.1095	0.0913	0.0931	0.1288
Th-229	1.7162	1.5158	1.9218	2.0010	1.6705	1.3803	1.4135	1.8713
Th-230	1.1474	1.2090	1.0976	1.0764	1.2542	1.2907	1.1792	1.1056
Th-231	0.9522	0.8585	1.2536	1.2599	0.9550	0.8008	0.7950	0.9894
Th-232	1.1956	1.1740	1.1102	1.1283	1.2990	1.3277	1.2604	1.2101
Th-233	0.3385	0.2956	0.3782	0.3840	0.3295	0.2734	0.2783	0.3740
Th-234	0.2059	0.1862	0.2395	0.2476	0.2082	0.1760	0.2108	0.2068
Th-235	0.1520	0.1446	0.1457	0.1248	0.1683	0.1395	0.1394	0.1844
Th-236	0.2397	0.2246	0.2553	0.2471	0.2538	0.2088	0.2060	0.2629

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Ti-44	1.8963	1.6798	1.4287	1.9188	1.8848	1.5990	2.1382	1.3542
Ti-45	0.0191	0.0143	0.0211	0.0224	0.0154	0.0121	0.0137	0.0234
Ti-51	1.5202	1.4674	1.3910	1.1735	1.7070	1.4706	1.4756	1.4109
Ti-52	1.3364	1.3402	1.2484	1.3771	1.5022	1.1484	1.0765	1.3052
Tl-190	2.1840	2.0621	2.0374	1.8160	2.3005	2.0368	2.0771	2.3290
Tl-190m	5.5989	5.2739	5.3055	4.5342	6.1737	5.1220	5.2896	6.6486
Tl-194	2.3049	2.1355	2.1685	2.0011	2.3922	2.0894	2.2269	2.3664
Tl-194m	7.2053	6.7113	6.8766	6.0389	7.8388	6.4702	6.7790	8.4124
Tl-195	3.0226	2.6787	2.8196	2.8735	3.0670	2.5142	2.9131	3.5218
Tl-196	3.6803	3.4287	3.3706	3.1611	3.8671	3.3399	3.5928	4.2634
Tl-197	2.2092	1.9615	2.0329	2.1508	2.2024	1.8561	2.1953	2.2975
Tl-198	3.9647	3.6871	3.5988	3.4294	4.1675	3.5826	3.8760	4.7047
Tl-198m	4.7996	4.4079	4.6545	4.1539	5.0760	4.2803	4.4883	5.2107
Tl-199	2.1220	1.8608	1.9374	2.0941	2.0858	1.7663	2.0876	2.0570
Tl-200	3.6626	3.4001	3.3320	3.1987	3.8632	3.2894	3.5532	4.0609
Tl-201	1.5855	1.3384	1.4868	1.7126	1.4778	1.2364	1.5819	1.5518
Tl-202	2.5829	2.3696	2.4123	2.3230	2.5846	2.3246	2.5284	2.3804
Tl-204	0.0252	0.0209	0.0239	0.0279	0.0229	0.0192	0.0253	0.0221
Tl-206m	7.4103	6.9445	6.7386	5.9954	8.1404	6.7431	6.7576	8.6060
Tl-206	0.0012	0.0010	0.0011	0.0013	0.0011	0.0009	0.0011	0.0011
Tl-207	0.0038	0.0036	0.0032	0.0030	0.0044	0.0032	0.0035	0.0057
Tl-208	3.4805	3.1901	3.2247	2.6819	3.8339	3.1862	3.6496	4.7595
Tl-209	4.1875	4.0413	3.7566	3.5332	4.4974	3.8406	3.8330	4.9012
Tl-210	4.5932	4.3160	4.1068	3.7707	5.1331	4.1101	4.3485	6.1538
Tm-161	4.2155	3.6145	3.5367	3.7238	4.4675	3.5137	4.1095	4.8413
Tm-162	2.4551	2.1927	2.1117	2.0914	2.6853	2.0984	2.3931	3.2880
Tm-163	3.7169	3.2742	3.1736	3.2118	4.0128	3.1816	3.6418	4.3415
Tm-164	0.9816	0.8293	0.8245	0.8757	1.0388	0.7997	0.9646	1.1416
Tm-165	3.0558	2.6760	2.6400	2.6045	3.2875	2.6481	2.9276	3.2103
Tm-166	3.7654	3.3608	3.2645	3.1818	4.1262	3.2040	3.6132	5.0244
Tm-167	1.7323	1.4289	1.4487	1.5625	1.8028	1.3777	1.6562	1.7765
Tm-168	4.3162	3.8628	3.7392	3.6229	4.7257	3.6511	4.0110	5.2931
Tm-170	0.0860	0.0685	0.0777	0.0914	0.0795	0.0628	0.0778	0.0820
Tm-171	0.0126	0.0101	0.0113	0.0127	0.0126	0.0099	0.0141	0.0121
Tm-172	0.7592	0.6802	0.6598	0.6822	0.7961	0.6337	0.7009	1.0459
Tm-173	1.5252	1.4810	1.4037	1.1929	1.5982	1.5196	1.4280	1.5138
Tm-174	5.9016	5.4861	5.2296	4.8544	6.4165	5.3461	5.4201	7.2319
Tm-175	2.7595	2.5951	2.5555	2.1621	3.0263	2.5183	2.6311	3.2059
Tm-176	4.0357	3.7133	3.5128	3.3429	4.3867	3.5733	3.7990	5.1719
U-227	1.1852	1.0864	1.2162	1.2311	1.2294	1.0322	1.0013	1.2897
U-228	0.1281	0.1173	0.1689	0.1664	0.1315	0.1098	0.1085	0.1474
U-230	0.1255	0.1142	0.1806	0.1736	0.1279	0.1071	0.1082	0.1466
U-231	1.9038	1.7411	2.3045	2.3512	1.9249	1.6075	1.5954	1.9816

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
U-232	0.1141	0.1036	0.1689	0.1607	0.1158	0.0968	0.0974	0.1329
U-233	0.0620	0.0549	0.0895	0.0851	0.0609	0.0507	0.0515	0.0717
U-234	0.5897	0.6225	0.5637	0.5465	0.6461	0.6804	0.6185	0.5879
U-235	1.4314	1.4578	1.3783	1.3503	1.5254	1.5475	1.4615	1.4277
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	0.0937	0.0848	0.1393	0.1322	0.0947	0.0791	0.0791	0.1094
U-237	1.9009	1.7468	2.0387	2.1027	2.0052	1.6491	1.8313	1.9857
U-238	1.0359	1.0399	0.9728	0.9681	1.1223	1.1545	1.0422	1.0884
U-239	0.6739	0.6026	0.5865	0.7152	0.6830	0.5700	0.6837	0.5375
U-240	0.3413	0.3080	0.4675	0.4557	0.3478	0.2857	0.2852	0.3769
U-242	0.2630	0.2421	0.2504	0.2475	0.2863	0.2405	0.3045	0.2682
V-47	0.0128	0.0110	0.0123	0.0124	0.0124	0.0102	0.0110	0.0191
V-48	2.8854	2.7249	2.4252	2.3005	3.2960	2.5009	2.6860	4.5804
V-49	0.1209	0.0831	0.1405	0.1562	0.0847	0.0666	0.0784	0.1377
V-50	1.3946	1.3222	1.2193	1.1759	1.5263	1.2401	1.2954	2.2228
V-52	1.2928	1.2495	1.0934	1.0389	1.4598	1.1823	1.2251	2.1545
V-53	1.4179	1.3372	1.1656	1.1053	1.6381	1.2109	1.3166	2.1894
W-177	4.6371	4.1407	4.2731	4.3736	4.8194	3.9442	4.7710	5.0632
W-178	0.4651	0.3592	0.4780	0.5318	0.4090	0.3317	0.4790	0.4672
W-179	1.2793	1.0460	1.2747	1.4552	1.2348	1.0153	1.4328	1.1935
W-179m	0.8615	0.7168	0.8202	0.9078	0.8383	0.6943	1.0095	0.8229
W-181	0.8324	0.6759	0.7980	0.8929	0.8031	0.6578	1.0099	0.7823
W-185m	0.8742	0.6623	0.9480	1.0416	0.7112	0.5714	0.7107	0.9934
W-185	0.0008	0.0007	0.0007	0.0008	0.0008	0.0006	0.0009	0.0007
W-187	1.5877	1.4694	1.5165	1.3594	1.7255	1.4186	1.6225	1.7906
W-188	0.0138	0.0124	0.0127	0.0126	0.0144	0.0122	0.0138	0.0136
W-190	2.0817	1.7834	2.0029	2.1340	2.0600	1.7421	2.3962	2.7680
Xe-120	2.3535	2.2453	2.2952	2.5716	2.6504	2.2425	2.1438	2.2426
Xe-121	1.9184	1.8187	1.7675	1.8260	2.1462	1.7985	1.7995	2.2644
Xe-122	0.8798	0.8515	0.9092	1.0964	1.0094	0.8818	0.7934	0.6930
Xe-123	1.8809	1.7851	1.7919	1.9367	2.1059	1.7542	1.6679	2.5546
Xe-125	2.2446	2.1080	2.1000	2.3530	2.5244	2.1116	1.9887	2.3283
Xe-127	2.3302	2.1866	2.1213	2.3245	2.5986	2.1542	2.0523	2.5314
Xe-127m	1.7801	1.7199	1.6334	1.8473	1.9925	1.5954	1.4958	2.0448
Xe-129m	1.2053	1.1368	1.2518	1.6150	1.3854	1.1883	1.0855	0.8718
Xe-131m	0.5066	0.4797	0.5413	0.6930	0.5824	0.5007	0.4499	0.3955
Xe-133	0.8098	0.7440	0.7084	0.9705	0.8731	0.7353	0.7069	0.5731
Xe-133m	0.6238	0.5904	0.6383	0.7909	0.7158	0.6121	0.5504	0.4939
Xe-135	1.4252	1.3264	1.2661	1.2189	1.5695	1.3504	1.2013	1.5417
Xe-135m	1.5172	1.4454	1.5048	1.2118	1.6509	1.4417	1.4348	1.5062
Xe-137	0.5733	0.5537	0.5420	0.4362	0.6095	0.5573	0.5403	0.5811
Xe-138	1.8495	1.7405	1.6671	1.5427	1.9909	1.7270	1.7120	2.4033
Y-81	1.5041	1.4537	1.4528	1.5112	1.6061	1.3223	1.2739	1.5059

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Y-83	1.0918	1.0387	1.1905	1.0877	1.2141	1.0126	1.0331	1.3258
Y-83m	1.3563	1.2967	1.3316	1.1856	1.4820	1.3162	1.2133	1.4182
Y-84m	4.5916	4.3527	4.0152	3.6212	5.3201	4.0095	4.3030	6.8778
Y-85	1.3822	1.3220	1.4203	1.1289	1.4865	1.3029	1.3115	1.4331
Y-85m	1.2006	1.1369	1.1851	1.0570	1.3415	1.0965	1.1323	1.6426
Y-86	4.7287	4.4989	4.4328	3.8549	5.4034	4.2575	4.4795	6.8987
Y-86m	1.3410	1.2268	1.0957	1.1066	1.4760	1.1551	1.1529	1.5135
Y-87	1.9887	1.9170	2.1957	1.7540	2.1182	1.9064	1.8809	1.9995
Y-87m	1.2232	1.2090	1.1842	0.9982	1.3159	1.2392	1.1416	1.2110
Y-88	3.0057	2.8775	2.8624	2.6385	3.3975	2.7071	2.9117	4.6737
Y-89m	1.4017	1.3252	1.1847	1.1045	1.6326	1.2001	1.3078	2.1225
Y-90	0.0000	0.0000	0.0001	0.0001	0.0001	0.0000	0.0000	0.0001
Y-90m	2.9529	2.7763	2.6435	2.3216	3.1900	2.6999	2.6865	3.0510
Y-91	0.0034	0.0033	0.0029	0.0027	0.0040	0.0030	0.0032	0.0056
Y-91m	1.5886	1.5108	1.6004	1.2057	1.7636	1.4895	1.5016	1.7677
Y-92	0.3807	0.3621	0.3316	0.2972	0.4336	0.3381	0.3570	0.5473
Y-93	0.1891	0.1785	0.1664	0.1538	0.2117	0.1759	0.1728	0.2382
Y-94	1.1064	1.0469	0.9475	0.8663	1.2744	0.9654	1.0432	1.6491
Y-95	0.8145	0.7593	0.6947	0.6379	0.9169	0.7375	0.8399	1.3267
Yb-162	2.2205	1.9354	1.9644	2.0192	2.3565	1.8434	2.0845	2.8577
Yb-163	1.6791	1.4364	1.4874	1.5305	1.7729	1.3711	1.6680	1.9743
Yb-164	0.8658	0.6907	0.7291	0.7989	0.9084	0.6840	0.9135	0.8545
Yb-165	2.4365	1.9770	2.1026	2.3851	2.4291	1.8720	2.3411	2.4487
Yb-166	1.6088	1.2874	1.3289	1.5071	1.6724	1.2621	1.6694	1.5388
Yb-167	3.5691	3.0213	3.1176	3.4243	3.6992	2.8496	3.4297	3.8335
Yb-169	4.0324	3.4256	3.4604	3.7337	4.2658	3.3283	4.2607	4.2259
Yb-175	0.2099	0.1972	0.1900	0.1782	0.2226	0.1972	0.2012	0.2102
Yb-177	0.6781	0.6181	0.6008	0.6032	0.7359	0.5820	0.6450	1.0500
Yb-178	0.1674	0.1599	0.1546	0.1346	0.1758	0.1624	0.1569	0.1615
Yb-179	2.8257	2.6625	2.7955	2.1883	3.1869	2.6081	2.6813	3.4122
Zn-60	1.5446	1.4451	1.5006	1.2613	1.7683	1.4125	1.5971	1.8931
Zn-61	0.6750	0.6415	0.6125	0.5268	0.7366	0.6290	0.6571	0.8954
Zn-62	1.7390	1.4900	1.7227	1.5809	1.7043	1.4223	1.5160	1.8567
Zn-63	0.2659	0.2434	0.2517	0.2210	0.2971	0.2244	0.2405	0.3841
Zn-65	1.0973	0.9336	1.0466	1.0679	1.0810	0.8226	0.9069	1.5639
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zn-69m	1.5523	1.5032	1.4708	1.1893	1.6281	1.5245	1.4413	1.5157
Zn-71	0.8692	0.8312	0.8198	0.6662	0.9465	0.8108	0.8171	0.9493
Zn-71m	4.6715	4.4908	4.4978	3.5556	5.1250	4.4600	4.3641	5.1796
Zn-72	1.8751	1.6381	1.8474	1.9321	1.8344	1.4739	1.4810	2.7951
Zr-85	1.4112	1.3697	1.3350	1.1068	1.5194	1.3726	1.3228	1.5395
Zr-86	2.3141	2.2543	2.6216	2.5230	2.6608	2.2778	2.0720	2.5860
Zr-87	0.1613	0.1610	0.1948	0.1801	0.1911	0.1558	0.1571	0.2378

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Zr-88	1.7889	1.7954	1.9413	1.6726	1.9536	1.8410	1.6754	1.8738
Zr-89	1.6925	1.6349	1.6772	1.5587	1.9908	1.5125	1.5987	2.4963
Zr-89m	1.4895	1.4163	1.5243	1.1504	1.7059	1.3828	1.4012	1.8661
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	1.3887	1.3161	1.2923	1.0869	1.6402	1.2221	1.3000	2.0305
Zr-97	1.6698	1.5861	1.5517	1.3119	1.9512	1.4864	1.5651	2.3734

Table 11: Composite 1 - 15 cm Contamination Thickness for 100x100x10 ft and 200x200x20 ft rooms

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Ac-223	0.2372	0.2193	0.2351	0.2134	0.1935	0.1799	0.2731	0.2282
Ac-224	2.4575	2.2563	2.3503	2.0907	2.3085	1.9860	3.1024	1.5968
Ac-225	0.3061	0.2829	0.2896	0.2568	0.2460	0.2344	0.3285	0.2915
Ac-226	1.1931	1.1164	1.3036	0.9707	1.1252	1.0146	1.6201	0.7403
Ac-227	0.0613	0.0541	0.0596	0.0587	0.0382	0.0411	0.0592	0.0843
Ac-228	2.1139	1.9403	2.9618	2.1719	2.0014	1.8248	3.2847	1.7382
Ac-230	0.9546	0.8633	1.2527	0.9933	0.8972	0.7929	1.7465	0.8814
Ac-231	2.8709	2.8381	3.0081	2.4698	2.7662	2.4793	3.7893	1.6909
Ac-232	1.4949	1.2824	1.9318	1.6434	1.4048	1.2540	2.7016	1.4552
Ac-233	1.7934	1.7981	2.5519	1.9261	1.8042	1.4856	4.1090	1.6007
Ag-100m	2.7608	2.5552	3.8865	3.0947	2.7175	2.3293	5.5565	2.8742
Ag-101	2.3469	2.2544	2.8562	2.1877	2.2783	2.0357	3.8911	1.8825
Ag-102m	1.8489	1.6055	2.3587	2.1130	1.8156	1.5202	3.9152	1.7812
Ag-102	4.4118	4.1268	6.2021	4.8603	4.3644	3.6851	9.1882	4.3401
Ag-103	2.3428	2.1880	2.7250	2.0817	2.2282	2.0082	3.7075	1.6270
Ag-104	5.3771	5.0786	7.6966	5.6910	5.2708	4.5459	10.4895	5.1406
Ag-104m	2.3172	2.2015	3.0846	2.4526	2.2848	1.9389	4.8877	2.1690
Ag-105	2.7476	2.7599	3.0195	2.3286	2.6037	2.4462	3.8136	1.8741
Ag-105m	0.0264	0.0226	0.0279	0.0296	0.0169	0.0168	0.0286	0.0372
Ag-106	0.5789	0.5663	0.6891	0.4965	0.5429	0.4923	1.0152	0.4805
Ag-106m	6.7370	6.4555	9.5029	6.9516	6.6341	5.7382	13.1363	5.9386
Ag-108	0.0549	0.0545	0.0682	0.0507	0.0520	0.0477	0.0947	0.0521
Ag-108m	4.9598	4.9794	6.5926	4.8874	4.8644	4.2504	9.5055	4.5309
Ag-109m	0.3459	0.3153	0.2952	0.2236	0.2915	0.2945	0.3064	0.2977
Ag-110	0.0710	0.0710	0.0991	0.0766	0.0700	0.0606	0.1453	0.0787
Ag-110m	4.8636	4.5404	7.3986	5.4662	4.8090	4.1440	9.5188	4.9842
Ag-111	0.1349	0.1412	0.1541	0.1226	0.1331	0.1219	0.1901	0.0735
Ag-111m	0.1972	0.1803	0.1758	0.1334	0.1620	0.1676	0.1872	0.1785
Ag-112	1.1238	1.0644	1.5605	1.2527	1.1112	0.9521	2.3332	1.1774
Ag-113m	0.9677	0.9942	1.1488	0.9088	0.9440	0.8562	1.4787	0.6370
Ag-113	0.2961	0.3025	0.3434	0.2782	0.2908	0.2647	0.4265	0.1881
Ag-114	0.5158	0.4961	0.7222	0.5679	0.5173	0.4319	1.1428	0.4936
Ag-115	1.0145	0.9327	1.2426	0.9995	0.9961	0.8775	1.7768	0.7335
Ag-116	3.0128	2.7334	4.1157	3.4028	3.0129	2.4959	6.6768	2.7968
Ag-117	1.9821	1.7633	2.4192	2.1044	1.9516	1.6904	3.6740	1.4331
Ag-99	2.9086	2.7419	3.6545	2.8601	2.8368	2.4922	5.0352	2.4202
Al-26	1.4714	1.1364	1.8225	1.7699	1.4384	1.2291	2.9188	1.3138
Al-28	1.4288	1.1196	1.7883	1.7142	1.3988	1.1908	2.8356	1.2825
Al-29	1.4948	1.2373	2.0818	1.6816	1.4303	1.1914	3.0812	1.6729
Am-237	2.8496	2.8043	2.8162	2.4045	2.6479	2.3756	3.7617	1.9401
Am-238	2.8149	2.5829	3.5285	2.7410	2.6393	2.3672	4.0654	2.2309
Am-239	2.9760	2.8581	2.6565	2.4069	2.6686	2.3999	3.5315	2.1047

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Am-240	3.0202	2.6448	4.1489	3.0086	2.7884	2.6121	3.8858	2.3198
Am-241	0.7542	0.7725	0.6943	0.6638	0.7545	0.7561	0.6851	0.6262
Am-242	0.4100	0.3907	0.3538	0.3018	0.3334	0.3270	0.4300	0.3536
Am-242m	0.2571	0.2407	0.2297	0.1819	0.1829	0.2017	0.2437	0.2768
Am-243	0.9305	0.8008	0.6875	0.7605	0.9136	0.7353	0.8517	0.6375
Am-244	2.7456	2.6024	3.4567	2.5561	2.4832	2.2712	4.4029	2.6507
Am-244m	0.1557	0.1439	0.1562	0.1169	0.1210	0.1275	0.1636	0.1496
Am-245	0.3439	0.3317	0.3153	0.2769	0.3130	0.2846	0.4465	0.2333
Am-246	3.6822	3.4979	4.2726	3.2366	3.3094	3.0649	5.6667	3.2413
Am-246m	1.8623	1.6168	2.8654	2.0148	1.7685	1.6147	2.9906	1.6679
Am-247	1.2787	1.2456	1.2069	1.0761	1.1845	1.0664	1.6826	0.8201
Ar-37	0.0255	0.0208	0.0269	0.0309	0.0140	0.0143	0.0263	0.0419
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	1.4636	1.2337	2.0839	1.6375	1.4001	1.1611	3.0045	1.6625
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	1.8338	1.5334	2.7857	2.1452	1.8069	1.5784	3.4393	1.6621
Ar-44	2.6125	2.1991	3.4412	2.7882	2.5782	2.2367	4.7692	1.8761
As-68	3.5467	3.0141	5.5281	4.1562	3.4937	3.0852	6.4892	3.2884
As-69	0.5155	0.4690	0.6091	0.4959	0.4892	0.4301	0.8102	0.3844
As-70	4.6776	3.9690	7.3234	5.4278	4.5891	4.0754	8.3982	4.2323
As-71	1.8476	1.6439	2.4529	1.8035	1.6920	1.5162	2.9108	1.3356
As-72	1.5394	1.4258	2.3072	1.7401	1.4991	1.2645	3.0511	1.6408
As-73	1.0030	0.8239	1.0080	1.1622	0.5914	0.5897	1.0154	1.5339
As-74	1.3586	1.3377	1.8663	1.4952	1.2881	1.1158	2.7440	1.5054
As-76	1.0344	1.0180	1.4803	1.1258	1.0390	0.8706	2.2880	0.9977
As-77	0.0479	0.0467	0.0536	0.0406	0.0470	0.0416	0.0766	0.0306
As-78	2.1151	1.9775	2.9948	2.3557	2.0870	1.7788	4.3557	2.1966
As-79	0.1014	0.1018	0.1432	0.1022	0.1016	0.0896	0.1841	0.0720
At-204	6.7079	6.6232	8.9531	6.8818	6.6755	5.6148	13.0040	5.9205
At-205	2.9222	2.6924	3.4838	2.9303	2.8451	2.3588	4.6129	2.6433
At-206	6.7122	6.4980	8.8943	6.7992	6.6553	5.6619	12.2443	5.6371
At-207	4.7251	4.3454	5.8846	4.8580	4.6164	3.8612	7.9079	4.2753
At-208	7.3048	6.7340	9.7526	7.6203	7.1510	6.1077	12.6557	6.7243
At-209	6.8171	6.4464	8.6229	6.9099	6.6930	5.4921	12.2930	6.3331
At-210	5.6193	4.9340	6.9492	5.6042	5.3847	4.6318	8.7568	4.8833
At-211	0.5692	0.4912	0.4582	0.4920	0.5347	0.4205	0.5097	0.4630
At-215	0.0008	0.0008	0.0010	0.0007	0.0008	0.0007	0.0012	0.0004
At-216	0.0311	0.0277	0.0261	0.0273	0.0298	0.0241	0.0324	0.0226
At-217	0.0016	0.0015	0.0015	0.0013	0.0015	0.0013	0.0021	0.0011
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	2.3525	2.3483	2.5973	2.0135	2.2938	2.0679	3.5056	1.5026
Au-186	3.4333	3.1793	4.0532	3.3217	3.3304	2.9294	5.4105	2.4722

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Au-187	2.6805	2.3785	2.9143	2.7025	2.5126	2.2046	4.0349	2.3134
Au-190	4.2431	3.8747	4.5593	4.3402	4.1046	3.6178	6.5974	3.2522
Au-191	3.4194	3.2380	3.6333	3.2353	3.2584	2.8826	5.0152	2.6115
Au-192	3.9044	3.5737	4.2543	4.0128	3.7704	3.3405	5.8850	2.9434
Au-193	1.9504	1.7498	1.6899	1.7718	1.8146	1.6122	2.3089	1.4366
Au-193m	1.6332	1.5631	1.5674	1.3728	1.4820	1.3684	2.0474	1.2302
Au-194	3.0863	2.8973	3.3339	3.0670	2.9667	2.6460	4.3403	2.2598
Au-195	1.5627	1.3667	1.2114	1.4612	1.3758	1.2242	1.5971	1.3511
Au-195m	1.6488	1.5830	1.5849	1.3994	1.4981	1.3826	2.0563	1.2381
Au-196	2.9218	2.9092	3.0741	2.7154	2.8249	2.5557	3.8892	1.8242
Au-196m	3.0734	2.7215	3.1970	2.8828	2.7660	2.4605	3.9928	2.3352
Au-198	1.6502	1.7253	2.1980	1.5083	1.6545	1.4843	2.9032	0.9432
Au-198m	4.9068	4.4603	4.9603	4.3332	4.6639	4.0665	6.3330	3.0506
Au-199	0.9985	0.8917	1.2454	0.8936	0.9609	0.8442	1.4806	0.5856
Au-200	0.5719	0.5494	0.7606	0.5756	0.5600	0.4948	0.9786	0.4421
Au-200m	7.6601	7.5913	9.8374	7.4458	7.5904	6.5675	14.0848	5.7913
Au-201	0.1696	0.1614	0.2091	0.1747	0.1560	0.1353	0.2952	0.1606
Au-202	0.3850	0.3653	0.5630	0.4033	0.3833	0.3328	0.7367	0.3042
Ba-124	1.8008	1.5133	1.8932	1.6565	1.6831	1.5014	2.2656	1.1870
Ba-126	2.3617	2.0614	2.5690	2.1904	2.2262	1.9953	3.1854	1.6671
Ba-127	0.9534	0.7666	0.8660	0.8688	0.8782	0.7748	1.1179	0.6033
Ba-128	0.9828	0.7832	0.7153	0.8266	0.8712	0.7942	0.8367	0.6209
Ba-129	1.0673	0.8519	0.9013	0.9508	0.9642	0.8618	1.1678	0.6858
Ba-129m	4.6921	4.2014	5.9726	4.6663	4.5280	3.9768	7.6173	3.4653
Ba-131	3.0503	2.7491	3.2577	2.8832	2.9196	2.5239	4.7965	2.0043
Ba-131m	1.1636	0.9916	0.8722	1.0352	1.0758	0.8964	1.2364	0.6856
Ba-133	3.1840	2.8770	2.9310	2.8063	3.0236	2.6742	3.4778	1.8711
Ba-133m	0.8982	0.7349	0.6907	0.7912	0.7841	0.7072	0.8261	0.6098
Ba-135m	0.7864	0.6333	0.5729	0.6677	0.7043	0.6298	0.7037	0.4746
Ba-137m	1.4177	1.3999	1.9409	1.5337	1.3950	1.1994	2.8539	1.5542
Ba-139	0.3921	0.3447	0.5249	0.3465	0.3891	0.3397	0.6230	0.1792
Ba-140	0.9464	0.8911	1.1706	0.9486	0.8889	0.7745	1.6541	0.7900
Ba-141	2.9654	2.8333	3.6976	2.8686	2.9210	2.5778	4.8599	1.9901
Ba-142	2.5548	2.2595	3.4435	2.5775	2.4957	2.2169	3.8617	1.8824
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.1949	0.1985	0.2772	0.2012	0.1990	0.1651	0.4390	0.1479
Bi-197	3.3846	2.9558	4.4437	3.5713	3.2679	2.7920	5.1479	2.9959
Bi-200	7.5914	7.1167	10.2746	7.5546	7.5061	6.6081	12.2587	5.3023
Bi-201	3.4292	2.9659	4.4031	3.6180	3.3172	2.8220	5.2883	3.0165
Bi-202	6.7418	6.1893	9.4321	7.0492	6.6401	5.8363	10.9718	5.3789
Bi-203	4.2982	3.7588	5.4280	4.5696	4.1734	3.5251	7.0769	3.8715
Bi-204	6.6495	5.9514	9.3646	7.0320	6.5137	5.7494	10.2460	5.2463
Bi-205	3.2434	2.8266	4.0376	3.4513	3.1312	2.6711	5.1479	2.9019



<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Bi-206	7.9192	7.3598	10.6157	8.3282	7.8085	6.5741	14.1937	6.9657
Bi-207	3.9593	3.5465	5.4408	4.2393	3.8790	3.3407	6.6125	3.4366
Bi-208	2.1121	1.5532	2.0288	2.4391	2.0055	1.6685	3.8638	1.9595
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.5434	1.5541	1.5848	1.3320	1.4990	1.3601	2.0571	0.9590
Bi-211	0.2469	0.2550	0.2814	0.2290	0.2433	0.2196	0.3426	0.1398
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	0.2549	0.2360	0.3278	0.2741	0.2259	0.1964	0.4307	0.2867
Bi-213	0.5372	0.5446	0.7084	0.5154	0.5398	0.4635	1.0011	0.3609
Bi-214	2.0271	1.8078	2.8674	2.2946	1.9955	1.7159	4.0190	1.9926
Bi-215	1.0996	1.0725	1.2121	1.0207	1.0738	0.9402	1.5093	0.7597
Bi-216	2.5840	2.6236	3.6006	2.6563	2.6112	2.2068	5.4856	2.1106
Bk-245	2.6376	2.5369	2.3980	2.1716	2.4127	2.1588	3.4700	1.7461
Bk-246	2.8997	2.7304	3.4483	2.7404	2.6547	2.3548	4.5849	2.6382
Bk-247	1.3896	1.3154	1.2231	1.1303	1.3504	1.1398	1.6243	0.8662
Bk-248m	0.5758	0.5508	0.5560	0.4819	0.5093	0.4654	0.7900	0.4528
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	1.6057	1.2731	2.8436	1.8461	1.5386	1.4922	2.1388	1.1927
Bk-251	1.3050	1.2212	1.2578	1.1073	1.1601	1.0594	1.8049	0.9120
Br-72	2.9498	2.6207	4.4362	3.3149	2.8998	2.5016	5.5982	2.7490
Br-73	1.5732	1.4941	1.8886	1.5765	1.5374	1.3753	2.5057	1.1797
Br-74	3.2440	2.7439	4.0423	3.9554	3.1638	2.5862	6.8227	3.5023
Br-74m	4.0536	3.6862	5.4661	4.6827	3.9678	3.3361	8.4201	4.4191
Br-75	2.2018	2.2266	2.5077	2.0189	2.1238	1.9332	3.2229	1.4343
Br-76	3.1477	2.8444	4.2161	3.5814	3.0587	2.5739	6.6120	3.1684
Br-76m	1.0023	0.8789	0.7751	0.8394	0.8030	0.7062	0.8703	0.9318
Br-77	1.6772	1.6198	2.0010	1.6224	1.5086	1.3554	2.7481	1.5152
Br-77m	0.4427	0.4169	0.3979	0.3942	0.3330	0.3196	0.4554	0.4629
Br-78	0.2465	0.2436	0.3350	0.2673	0.2333	0.2046	0.4863	0.2750
Br-80	0.1532	0.1509	0.2059	0.1657	0.1424	0.1257	0.2946	0.1756
Br-80m	0.8778	0.7499	0.7058	0.7653	0.6595	0.5944	0.7232	0.8910
Br-82m	0.3027	0.2806	0.2870	0.2755	0.1893	0.2072	0.2796	0.4041
Br-82	5.1465	4.9208	7.5704	5.6813	5.1130	4.3057	10.7196	5.2672
Br-83	0.0239	0.0240	0.0343	0.0256	0.0243	0.0199	0.0556	0.0210
Br-84m	4.7041	4.3945	6.9522	5.0512	4.6691	4.0459	8.8859	3.9298
Br-84	1.6573	1.3531	2.3539	2.0309	1.6314	1.3705	3.2905	1.6185
Br-85	0.1097	0.0988	0.1720	0.1241	0.1087	0.0935	0.2071	0.1041
C-10	1.5071	1.4954	2.1608	1.6498	1.4938	1.2490	3.1962	1.6963
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	0.0456	0.0371	0.0480	0.0552	0.0250	0.0255	0.0469	0.0749
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	1.3238	1.1501	1.8917	1.4717	1.2787	1.0576	2.7585	1.4554

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Ca-49	1.4208	0.9666	1.4271	2.1554	1.4005	0.9034	3.7893	2.0145
Cd-101	2.8479	2.5224	3.4432	2.8636	2.7513	2.3736	4.6663	2.4160
Cd-102	2.7539	2.6509	3.5526	2.6020	2.6697	2.3651	4.9114	2.1307
Cd-103	2.4453	2.0997	3.0494	2.4955	2.3120	2.0797	4.1540	2.1944
Cd-104	1.8109	1.6665	1.7438	1.4260	1.6913	1.5086	2.1575	1.5208
Cd-105	1.6995	1.4952	2.0976	1.6697	1.5964	1.4626	2.7235	1.4938
Cd-107	1.0069	0.9237	0.8656	0.6277	0.8409	0.8702	0.8946	0.8690
Cd-109	0.9365	0.8570	0.8034	0.5816	0.7795	0.8092	0.8247	0.8135
Cd-111m	2.2641	2.1679	2.3869	1.7416	2.1585	2.0040	3.1164	1.3791
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	0.0006	0.0008	0.0007	0.0009	0.0007
Cd-115	0.7398	0.7404	1.0251	0.7653	0.7472	0.6215	1.6357	0.6205
Cd-115m	0.0518	0.0442	0.0858	0.0598	0.0511	0.0452	0.0927	0.0462
Cd-117	2.1025	1.9704	2.7504	2.1227	2.0575	1.8140	3.5251	1.6593
Cd-117m	2.4514	2.0393	3.5333	2.8343	2.4093	2.1083	4.6356	2.1858
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	2.5068	2.2721	3.1985	2.6575	2.4581	2.1723	4.2756	1.9075
Cd-119m	2.8487	2.3928	4.1292	3.2501	2.7938	2.4542	5.2415	2.5178
Ce-130	2.7028	2.3261	2.7027	2.5411	2.5610	2.1915	3.6341	1.6523
Ce-131	3.3509	3.0408	4.1431	3.2948	3.2353	2.8177	5.3902	2.4610
Ce-132	2.5161	2.1486	2.6949	2.2160	2.4113	2.0905	3.3526	1.3022
Ce-133	2.0309	1.6562	1.4916	1.7654	1.9092	1.5360	1.9061	1.2539
Ce-133m	4.7983	4.3138	5.7008	4.8528	4.6722	3.9458	8.1391	3.6585
Ce-134	0.7473	0.5383	0.4559	0.6470	0.6579	0.5444	0.5262	0.4528
Ce-135	3.5370	3.2972	3.9087	3.3532	3.4112	2.9477	5.4035	2.6215
Ce-137	0.8616	0.6370	0.5817	0.7744	0.7391	0.6198	0.6722	0.6001
Ce-137m	0.7487	0.5990	0.5465	0.6316	0.6837	0.5578	0.6727	0.4660
Ce-139	1.9379	1.5994	2.1164	1.6987	1.8470	1.5875	2.4906	0.9822
Ce-141	0.8337	0.7342	0.9811	0.7691	0.8201	0.6867	1.3337	0.3968
Ce-143	1.7484	1.6071	1.6470	1.5753	1.6800	1.4186	2.1277	1.1166
Ce-144	0.2495	0.2134	0.2318	0.2341	0.2410	0.1925	0.3554	0.1307
Ce-145	2.8151	2.5434	3.1632	2.7604	2.7241	2.2456	4.3231	2.2998
Cf-244	0.0931	0.0879	0.0820	0.0619	0.0676	0.0749	0.0878	0.0957
Cf-246	0.0641	0.0606	0.0564	0.0427	0.0467	0.0516	0.0606	0.0657
Cf-247	1.7508	1.6514	1.5872	1.4222	1.4901	1.4014	2.1783	1.3775
Cf-248	0.0771	0.0728	0.0680	0.0515	0.0563	0.0621	0.0732	0.0788
Cf-249	1.6881	1.7500	2.0106	1.4692	1.6229	1.5058	2.5001	0.9914
Cf-250	0.0748	0.0701	0.0732	0.0563	0.0586	0.0609	0.0854	0.0733
Cf-251	1.5259	1.4364	1.4924	1.2587	1.3798	1.2540	2.0219	1.0199
Cf-252	0.8040	0.7344	1.0499	0.8396	0.7800	0.6816	1.4436	0.6765
Cf-253	0.2157	0.1980	0.1927	0.1521	0.1580	0.1717	0.2004	0.2285
Cf-254	27.4208	24.9636	36.7119	29.4641	27.1233	23.3384	51.0470	22.6544
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Cl-34	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34m	1.5773	1.2417	1.9281	1.8144	1.5511	1.3010	3.1787	1.2534
Cl-36	0.0004	0.0003	0.0004	0.0004	0.0002	0.0002	0.0004	0.0006
Cl-38	1.0658	0.8033	1.2688	1.2858	1.0426	0.8930	2.1576	0.9390
Cl-39	2.1791	1.9531	2.8057	2.1889	2.1057	1.8254	3.8939	1.9747
Cl-40	2.8244	2.2322	3.5473	3.5240	2.7646	2.2202	6.1166	3.0222
Cm-238	1.1691	1.1180	1.0081	0.9632	1.0579	0.9305	1.4415	0.7940
Cm-239	2.7140	2.5134	2.8638	2.3125	2.5555	2.2572	3.8342	1.5677
Cm-240	0.1010	0.0958	0.0893	0.0677	0.0721	0.0807	0.0942	0.1066
Cm-241	3.4285	3.3556	3.8460	3.0850	3.1829	2.8133	5.5756	2.6064
Cm-242	0.0906	0.0860	0.0801	0.0608	0.0647	0.0724	0.0845	0.0957
Cm-243	1.5254	1.4648	1.4048	1.2406	1.3548	1.2402	1.8271	1.1135
Cm-244	0.0778	0.0738	0.0688	0.0522	0.0555	0.0621	0.0725	0.0822
Cm-245	1.5138	1.4401	1.3690	1.2303	1.3588	1.2102	1.8219	1.0547
Cm-246	0.0679	0.0642	0.0628	0.0479	0.0501	0.0546	0.0688	0.0704
Cm-247	1.3525	1.4203	1.7432	1.1999	1.3477	1.2252	2.2293	0.7270
Cm-248	2.1957	2.0015	2.9134	2.3356	2.1558	1.8658	4.0338	1.8278
Cm-249	0.1373	0.1231	0.1605	0.1550	0.1019	0.0947	0.1979	0.1815
Cm-250	21.6365	19.6888	28.9558	23.2503	21.3994	18.4151	40.2584	17.8657
Cm-251	0.4793	0.4724	0.6092	0.4712	0.4652	0.4029	0.9018	0.3804
Co-54m	4.5610	4.1231	6.7733	4.8862	4.4819	3.9420	8.2874	3.7891
Co-55	2.0822	1.8194	3.3705	2.3835	2.0484	1.8051	3.7474	1.8181
Co-56	3.9228	3.2849	5.6445	4.6227	3.7768	3.1826	7.7259	4.1331
Co-57	1.6243	1.4796	1.6210	1.6707	1.4368	1.2396	2.6439	1.1936
Co-58	1.6856	1.6045	2.4427	1.8782	1.6036	1.3261	3.4003	1.9401
Co-58m	0.1829	0.1487	0.1925	0.2213	0.1005	0.1023	0.1882	0.3002
Co-60	2.9739	2.4629	4.5144	3.3944	2.8660	2.4501	5.7140	3.1156
Co-60m	0.2231	0.1829	0.2274	0.2624	0.1322	0.1320	0.2335	0.3434
Co-61	0.9327	0.8223	0.6821	0.8286	0.9317	0.8224	1.0259	0.5745
Co-62	1.7368	1.3692	2.6423	2.0414	1.6836	1.4736	3.2217	1.6711
Co-62m	3.0832	2.4570	4.7319	3.6035	2.9883	2.6189	5.6735	2.9663
Cr-48	2.9361	2.9537	2.9573	2.7702	2.8531	2.4935	4.0473	1.6571
Cr-49	1.1659	1.0605	1.1465	1.0021	1.1817	0.9688	1.4841	0.6077
Cr-51	0.2681	0.2591	0.2931	0.2841	0.2196	0.2067	0.3254	0.2583
Cr-55	0.0006	0.0005	0.0009	0.0007	0.0006	0.0005	0.0012	0.0006
Cr-56	1.4828	1.2539	1.1798	1.2186	1.4454	1.1510	1.2558	1.1048
Cs-121	1.1276	1.0419	1.3938	1.0469	1.1022	0.9729	1.7936	0.7268
Cs-121m	2.1015	1.9247	2.5607	1.9406	2.0494	1.8123	3.3164	1.2894
Cs-123	1.5636	1.4186	1.6398	1.4601	1.4979	1.2901	2.1899	1.2052
Cs-124	0.6543	0.6384	0.7996	0.6404	0.6409	0.5761	1.0128	0.4241
Cs-125	1.4546	1.3169	1.6402	1.4138	1.3908	1.2060	2.3559	1.1267
Cs-126	1.1105	1.0885	1.4138	1.0472	1.0896	0.9823	1.7818	0.6967
Cs-127	2.2844	2.1307	2.4965	2.0618	2.1746	1.9581	3.2783	1.4415

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Cs-128	0.8063	0.7524	0.9624	0.7657	0.7786	0.6860	1.3205	0.5640
Cs-129	2.0758	1.8601	2.0245	1.8099	1.9276	1.7597	2.4415	1.3111
Cs-130m	1.4159	1.0928	1.0113	1.2160	1.2985	1.0917	1.1665	0.9242
Cs-130	0.5009	0.3940	0.4099	0.4387	0.4430	0.4040	0.4973	0.3712
Cs-131	0.7148	0.5305	0.4765	0.5873	0.6098	0.5703	0.4934	0.5023
Cs-132	2.2635	2.0793	2.6667	2.2780	2.1453	1.8843	3.7315	2.2209
Cs-134	3.5046	3.4781	5.0221	3.8195	3.4929	2.9087	7.5766	3.7402
Cs-134m	0.5595	0.4465	0.4535	0.5352	0.4718	0.4224	0.6178	0.4241
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	3.0105	2.8746	4.5201	3.3343	2.9823	2.4619	6.2117	3.2415
Cs-136	4.4592	4.0370	6.6221	4.7992	4.3965	3.8735	7.5050	3.6462
Cs-137	2.1324	2.1547	2.1069	2.0054	2.1172	2.2179	2.1350	1.9235
Cs-138m	1.3371	1.1578	1.4915	1.2891	1.2659	1.0980	2.0355	0.9634
Cs-138	3.0470	2.6465	4.4217	3.4382	3.0098	2.5928	5.9041	2.6471
Cs-139	0.3022	0.2515	0.4050	0.3504	0.2939	0.2465	0.6227	0.3115
Cs-140	2.0646	1.8055	2.8118	2.4022	2.0403	1.7296	4.2972	2.0471
Cu-57	0.1547	0.1243	0.2582	0.1838	0.1512	0.1351	0.2668	0.1409
Cu-59	0.7833	0.7289	1.1195	0.8427	0.7699	0.6626	1.4787	0.6961
Cu-60	2.9657	2.4602	4.0688	3.4695	2.8803	2.4008	6.0339	3.0611
Cu-61	0.6571	0.6270	0.8011	0.6720	0.6051	0.5446	1.0348	0.6144
Cu-62	0.0144	0.0118	0.0198	0.0170	0.0117	0.0106	0.0221	0.0176
Cu-64	0.1162	0.0947	0.1249	0.1402	0.0666	0.0666	0.1267	0.1872
Cu-66	0.1466	0.1132	0.2757	0.1788	0.1448	0.1373	0.2106	0.1080
Cu-67	1.0156	0.9115	1.1658	0.8949	0.9955	0.8501	1.4440	0.5349
Cu-69	0.9057	0.7829	1.5252	1.0525	0.8996	0.8042	1.5950	0.7749
Dy-148	2.2840	2.1454	2.6660	2.2934	2.2230	1.8274	3.8257	2.1512
Dy-149	3.4401	3.0008	3.9337	3.4459	3.3315	2.7101	5.1970	2.8410
Dy-150	1.5299	1.4980	1.6968	1.3214	1.4969	1.2839	2.1222	0.8526
Dy-151	3.5034	3.1720	4.4179	3.5383	3.4000	2.8582	5.6722	2.7983
Dy-152	2.3148	2.1788	2.0508	1.8136	2.2139	1.9085	2.7562	1.4165
Dy-153	3.8926	3.4483	3.8960	3.5264	3.7608	3.0357	5.0317	2.6815
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	2.8014	2.4785	2.9826	2.5112	2.7030	2.2719	3.7787	1.8570
Dy-157	2.3860	2.3217	2.3140	2.1709	2.3138	1.9698	2.7939	1.3721
Dy-159	0.9328	0.7561	0.6067	0.7660	0.8673	0.6327	0.7570	0.6097
Dy-165m	0.2616	0.2267	0.2446	0.2610	0.2132	0.1798	0.3066	0.2614
Dy-165	0.1878	0.1700	0.1643	0.1642	0.1804	0.1463	0.2187	0.1296
Dy-166	0.7389	0.6170	0.5261	0.6282	0.6794	0.5353	0.6499	0.5351
Dy-167	2.3216	2.2911	2.6838	2.1866	2.2762	1.9827	3.8142	1.7213
Dy-168	2.0501	1.9329	2.4687	1.9456	2.0121	1.7011	3.5265	1.4041
Er-154	1.1130	0.9161	0.7976	0.9119	0.9738	0.8317	0.9153	0.8757
Er-156	1.4038	1.1410	1.0388	1.2552	1.1989	0.9878	1.2442	1.1383
Er-159	2.7293	2.4983	3.1395	2.6861	2.6348	2.2267	4.3869	2.3249

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Er-161	2.8197	2.5195	3.3454	2.7986	2.7052	2.2511	4.3545	2.4139
Er-163	0.7682	0.6351	0.4972	0.6273	0.7032	0.5552	0.6458	0.5157
Er-165	0.7414	0.6126	0.4798	0.6066	0.6769	0.5348	0.6220	0.5018
Er-167m	0.8404	0.7395	0.8635	0.7281	0.7907	0.6971	1.1262	0.4881
Er-169	0.0053	0.0043	0.0056	0.0064	0.0029	0.0030	0.0055	0.0086
Er-171	2.5036	2.4814	2.4637	2.2988	2.4140	2.1442	3.2400	1.4710
Er-172	2.2740	2.2090	2.5991	2.1393	2.2094	1.9304	3.6532	1.7052
Er-173	3.5625	3.1536	4.2341	3.4279	3.4516	2.9897	5.4248	2.2829
Es-249	2.5478	2.4846	2.7548	2.2671	2.3808	2.1429	3.8195	1.7101
Es-250	6.9095	6.6013	7.4490	6.0732	6.2133	5.7106	9.9012	5.5804
Es-250m	2.1272	1.9187	2.5159	2.0231	1.9594	1.7843	3.0712	1.5718
Es-251	1.6113	1.5118	1.5042	1.3389	1.3973	1.2993	2.1275	1.2061
Es-253	0.0264	0.0247	0.0240	0.0189	0.0195	0.0210	0.0259	0.0272
Es-254	0.9059	0.8335	0.8196	0.6848	0.6426	0.6992	0.8640	1.0086
Es-254m	1.4091	1.3812	1.8059	1.3973	1.3181	1.1822	2.5549	1.5177
Es-255	0.0011	0.0010	0.0015	0.0012	0.0011	0.0009	0.0021	0.0009
Es-256	0.1368	0.1257	0.1213	0.0925	0.1030	0.1120	0.1249	0.1391
Eu-142	0.3579	0.3154	0.4540	0.3898	0.3508	0.2815	0.6735	0.3500
Eu-142m	5.3877	4.9306	8.3618	6.0551	5.3358	4.6025	10.2509	4.9728
Eu-143	0.6016	0.4841	0.6899	0.6292	0.5835	0.4576	0.8750	0.4774
Eu-144	0.2713	0.2218	0.3002	0.2873	0.2639	0.2033	0.4228	0.2251
Eu-145	2.5500	2.1707	3.2591	2.7042	2.4963	2.0047	3.9587	2.1396
Eu-146	4.8517	4.5271	6.3774	5.1723	4.7702	3.9125	9.0422	4.8566
Eu-147	2.2906	1.9581	2.3855	2.1732	2.2258	1.7127	3.0794	1.5546
Eu-148	6.0493	5.7948	8.1322	6.3641	6.0183	4.9848	11.6537	5.4795
Eu-149	0.9875	0.8196	0.7610	0.8607	0.9204	0.6484	0.9043	0.6822
Eu-150	5.6389	5.5622	7.0222	5.5671	5.5999	4.7282	9.5164	4.0766
Eu-150m	0.2123	0.1987	0.2222	0.1948	0.2076	0.1673	0.2722	0.1305
Eu-152	3.1468	2.7937	3.8643	3.1905	3.0699	2.5331	4.7357	2.3157
Eu-152m	0.8326	0.7152	1.0619	0.8643	0.8135	0.6565	1.2085	0.6339
Eu-152n	1.1267	0.9818	0.8718	0.9812	1.0743	0.8043	1.0323	0.8127
Eu-154	2.7052	2.3908	3.6645	2.9009	2.6352	2.2398	4.7129	2.2719
Eu-154m	1.2889	1.0972	0.9530	1.1590	1.1654	0.9470	1.2137	0.9746
Eu-155	0.8364	0.7373	0.6258	0.7059	0.8263	0.6163	0.8142	0.5062
Eu-156	1.7017	1.4242	2.3094	1.8964	1.6568	1.4057	3.0392	1.5849
Eu-157	1.8560	1.7312	1.8482	1.6876	1.7850	1.4917	2.4840	1.2541
Eu-158	2.2412	1.8602	3.4248	2.5262	2.1960	1.9141	3.5525	1.8950
Eu-159	1.8484	1.5904	1.6476	1.6564	1.7943	1.3839	2.1519	1.3120
F-17	0.0005	0.0005	0.0009	0.0006	0.0005	0.0004	0.0010	0.0005
F-18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-52	1.4946	1.3394	2.0958	1.3431	1.4725	1.3008	2.4887	0.7279
Fe-53	0.7107	0.7464	0.9012	0.6505	0.7068	0.6455	1.1269	0.3823
Fe-53m	4.3301	3.7423	6.7853	4.9906	4.2491	3.7315	8.0328	4.2069

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Fe-55	0.1515	0.1231	0.1595	0.1834	0.0831	0.0846	0.1560	0.2488
Fe-59	1.5677	1.2769	2.5164	1.8039	1.5206	1.3407	2.7923	1.4843
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	2.1136	1.7901	3.2229	2.3790	2.0677	1.8595	3.4740	1.7131
Fe-62	1.9190	1.9353	2.7737	2.0533	1.9674	1.5948	4.5842	1.5909
Fm-251	1.6121	1.5079	1.6092	1.4406	1.4392	1.3012	2.3389	1.1792
Fm-252	0.0694	0.0648	0.0614	0.0459	0.0516	0.0566	0.0651	0.0701
Fm-253	1.2955	1.2104	1.2017	1.0328	1.0813	1.0487	1.5900	1.0713
Fm-254	0.0812	0.0756	0.0769	0.0583	0.0631	0.0666	0.0865	0.0800
Fm-255	0.7339	0.6810	0.6565	0.5152	0.5332	0.5842	0.6896	0.7817
Fm-256	20.3995	18.5930	27.3202	21.8995	20.1724	17.3606	37.9852	16.8850
Fm-257	1.7050	1.5987	1.6463	1.4016	1.5101	1.4033	2.2733	1.2302
Fr-212	3.0623	2.7310	3.5514	2.9179	2.8894	2.4786	4.5537	2.5891
Fr-219	0.0182	0.0183	0.0222	0.0172	0.0181	0.0157	0.0294	0.0115
Fr-220	0.1829	0.1632	0.1658	0.1586	0.1564	0.1361	0.1841	0.1651
Fr-221	0.2300	0.2109	0.2404	0.1916	0.2215	0.1955	0.3119	0.1325
Fr-222	1.3500	1.2312	1.4425	1.1584	1.2447	1.1273	1.8519	0.8755
Fr-223	0.8264	0.7354	0.6492	0.6441	0.7355	0.6441	0.7857	0.6235
Fr-224	1.6253	1.4829	1.9603	1.5594	1.5515	1.3605	2.6456	1.2086
Fr-227	2.4177	2.3057	2.5735	2.2144	2.3580	1.9886	3.5234	1.7897
Ga-64	2.1840	1.7144	3.2650	2.7196	2.1440	1.8336	4.1262	2.0695
Ga-65	1.4129	1.2959	1.4897	1.4008	1.3219	1.1287	2.1981	1.0378
Ga-66	1.5789	1.1884	2.1948	2.0216	1.4868	1.2681	2.9352	1.6217
Ga-67	1.5989	1.4641	1.6537	1.5353	1.4019	1.2230	1.9438	1.3296
Ga-68	0.0922	0.0735	0.1362	0.1109	0.0744	0.0706	0.1255	0.1062
Ga-70	0.0158	0.0127	0.0263	0.0178	0.0150	0.0140	0.0229	0.0116
Ga-72	3.3595	2.9418	4.7814	3.8557	3.3151	2.8313	6.7516	3.3112
Ga-73	2.2276	2.1911	2.4005	2.1835	1.9798	1.8287	2.8749	1.8146
Ga-74	3.8343	3.3826	5.1504	4.3969	3.7962	3.2336	8.0677	3.7178
Gd-142	1.4524	1.3042	1.6870	1.4142	1.4203	1.1587	2.2760	1.0940
Gd-143m	3.9514	3.6537	4.5389	3.7892	3.8514	3.2433	6.0125	3.0010
Gd-144	0.9200	0.7713	0.9053	0.9046	0.8893	0.6941	1.2604	0.6826
Gd-145m	1.6239	1.5806	2.1491	1.7207	1.5590	1.3102	3.0819	1.7410
Gd-145	2.2610	1.7793	2.6239	2.5420	2.1998	1.7838	3.8321	1.9134
Gd-146	3.4877	3.0054	3.0772	3.0715	3.3856	2.5363	4.2374	1.9381
Gd-147	4.7192	4.3808	5.7619	4.4916	4.6265	3.9313	7.1577	3.3369
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	3.1763	2.9380	3.4470	2.9179	3.1121	2.5267	4.4427	1.9866
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	1.1414	0.9475	0.9305	0.9793	1.0573	0.7784	1.1147	0.7768
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	1.7604	1.4937	1.2288	1.4610	1.6997	1.1945	1.5454	1.0633
Gd-159	0.4002	0.3746	0.3739	0.3477	0.3862	0.3208	0.4675	0.2339

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Gd-162	1.7764	1.8315	2.3495	1.6695	1.7687	1.5565	3.1996	1.1046
Ge-66	2.4984	2.3711	2.8031	2.3965	2.2999	2.0061	3.6495	1.9453
Ge-67	1.6744	1.4961	2.4155	1.6043	1.6630	1.4569	2.9109	0.9803
Ge-68	0.3716	0.3025	0.3908	0.4488	0.2042	0.2081	0.3822	0.6093
Ge-69	1.4272	1.2214	2.1329	1.6545	1.2802	1.1521	2.3682	1.5066
Ge-71	0.3769	0.3068	0.3964	0.4552	0.2071	0.2110	0.3876	0.6180
Ge-75	0.2127	0.2129	0.2212	0.1722	0.2071	0.1899	0.2990	0.1237
Ge-77	3.6467	3.5302	4.5398	3.4020	3.5896	3.1928	6.1183	2.5126
Ge-78	1.6303	1.6717	1.6909	1.3687	1.5913	1.4649	2.2015	0.9327
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	1.6452	1.6205	1.5873	1.5263	1.5754	1.4265	1.9960	0.9834
Hf-169	2.7017	2.6036	3.1474	2.6571	2.6519	2.2408	4.9656	2.0303
Hf-170	3.0009	2.7522	3.1028	2.8304	2.8258	2.4623	4.4230	2.2472
Hf-172	2.0456	1.7706	1.5598	1.8331	1.7826	1.6066	2.1520	1.6557
Hf-173	3.5250	3.2892	3.3122	3.3057	3.3615	2.9433	5.0239	2.0772
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	2.4681	2.4103	2.3868	2.2415	2.3516	2.1266	3.0542	1.5178
Hf-177m	14.5252	14.1480	15.4049	13.1066	14.0097	12.6315	20.3963	8.7510
Hf-178m	11.3341	11.1116	13.3533	10.7135	11.1415	9.6700	18.8361	7.7458
Hf-179m	5.9690	5.7468	6.6745	5.5203	5.7497	5.1123	9.2370	3.7304
Hf-180m	5.6647	5.5682	6.3697	5.2390	5.5309	4.9074	8.6991	3.4996
Hf-181	2.8781	2.8077	3.5478	2.8951	2.8357	2.4120	5.5511	2.0015
Hf-182	1.6102	1.5988	1.6324	1.3383	1.5557	1.4254	2.1737	0.9525
Hf-182m	4.5568	4.3301	5.1994	4.3489	4.3985	3.8774	7.0141	3.1559
Hf-183	2.4097	2.3079	2.9072	2.4125	2.3930	1.9854	4.3143	2.1178
Hf-184	2.3729	2.1709	2.5405	2.3356	2.0958	1.8669	3.2539	1.8377
Hg-190	2.5878	2.2964	2.5840	2.4284	2.4203	2.1003	3.5094	1.7851
Hg-191m	5.3846	5.0937	6.0930	5.1129	5.1696	4.5582	8.2527	4.2180
Hg-192	2.7656	2.5538	2.5249	2.4764	2.5704	2.2847	3.2649	2.0133
Hg-193	2.9133	2.5950	3.2200	2.8611	2.7436	2.4081	4.0420	2.3555
Hg-193m	3.1211	2.9003	3.7465	3.1178	3.0144	2.6251	4.9511	2.5255
Hg-194	0.2063	0.1751	0.2100	0.2296	0.1178	0.1236	0.2044	0.3191
Hg-195	1.6037	1.4111	1.4534	1.5352	1.4384	1.2631	1.8849	1.4406
Hg-195m	1.8873	1.7275	1.8215	1.7711	1.6234	1.4750	2.3032	1.7460
Hg-197	1.3686	1.1733	1.0791	1.2726	1.2227	1.0459	1.3374	1.2002
Hg-197m	1.3622	1.2152	1.3005	1.3195	1.2012	1.0543	1.7814	1.1103
Hg-199m	1.9191	1.7316	2.1589	1.7443	1.8153	1.5875	2.5746	1.2884
Hg-203	1.5086	1.5188	1.5203	1.2824	1.4645	1.3321	1.9624	0.9048
Hg-205	0.0419	0.0370	0.0452	0.0368	0.0406	0.0356	0.0587	0.0229
Hg-206	0.6946	0.7035	0.7267	0.6486	0.6776	0.6072	0.8995	0.4364
Hg-207	4.1118	3.6176	5.7608	4.5120	4.0458	3.6333	6.4503	2.9756
Ho-150	2.2512	2.1622	3.2202	2.4437	2.2272	1.8433	4.5334	2.3544
Ho-153	2.4987	2.3882	2.7045	2.3343	2.4286	2.1001	3.4624	1.7229

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Ho-153m	2.7987	2.6304	3.1241	2.5652	2.7275	2.3136	4.1363	1.8624
Ho-154m	7.1969	7.2254	9.3168	7.0720	7.1682	6.2095	12.7244	5.0172
Ho-154	3.5228	3.4397	4.4738	3.5455	3.4755	3.0519	5.6327	2.4912
Ho-155	2.1795	1.9471	2.1526	1.9597	2.0771	1.7300	2.8214	1.4384
Ho-156	4.4108	4.0172	5.1604	4.2823	4.2836	3.6969	6.9435	3.1681
Ho-157	3.2788	2.9744	3.1690	2.9112	3.1415	2.6174	4.0931	2.1416
Ho-159	3.4184	3.0554	3.0698	3.0335	3.2671	2.6789	4.3136	2.0631
Ho-160	4.4501	3.9615	5.9250	4.6387	4.3357	3.6741	7.0324	3.8154
Ho-161	1.2563	1.0441	0.9221	1.0297	1.1211	0.9202	1.0616	0.9654
Ho-162	1.0774	0.8862	0.7934	0.9229	0.9978	0.7632	1.0035	0.7749
Ho-162m	2.3662	2.0225	2.4987	2.2189	2.2075	1.8548	3.0019	1.7628
Ho-163	0.0061	0.0049	0.0064	0.0074	0.0033	0.0034	0.0063	0.0100
Ho-164	0.5830	0.4801	0.3893	0.4855	0.5347	0.4095	0.4896	0.4029
Ho-164m	1.0956	0.8977	0.7885	0.9806	0.9299	0.7581	0.9564	0.9262
Ho-166	0.2331	0.1938	0.1886	0.2146	0.2090	0.1677	0.2282	0.2007
Ho-166m	5.1874	4.9446	6.6856	5.1370	5.0900	4.3388	9.1920	4.3035
Ho-167	2.0056	2.0401	2.2182	1.8425	1.9650	1.7641	2.7503	1.1317
Ho-168	1.9920	1.8780	2.7030	2.1121	1.9465	1.6119	3.7819	2.0174
Ho-168m	0.2111	0.1733	0.1722	0.2072	0.1608	0.1381	0.1939	0.2275
Ho-170	4.4607	3.9378	6.1128	4.5462	4.3387	3.8292	6.7520	3.3906
I-118m	6.5561	6.2895	9.4534	7.1346	6.4873	5.6138	13.0664	6.4870
I-118	2.2771	2.1883	3.2034	2.4807	2.2544	1.9324	4.6770	2.2834
I-119	2.1344	2.0444	2.1553	1.7331	2.0265	1.8781	2.8084	1.4401
I-120	2.8050	2.5252	3.6867	3.1251	2.7588	2.3276	5.7541	2.7035
I-120m	5.8359	5.5746	8.1810	6.3708	5.7850	4.9421	12.0933	5.7661
I-121	2.2285	1.9637	2.3356	1.8905	2.0953	1.9173	2.9470	1.4199
I-122	0.5484	0.5110	0.6738	0.5470	0.5262	0.4595	0.9812	0.5094
I-123	2.0766	1.7917	2.4937	1.7516	1.9656	1.7982	2.7975	1.2347
I-124	2.0833	1.9065	2.5652	2.1257	1.9886	1.7551	3.6231	2.0268
I-125	1.4083	1.1073	1.0672	1.0932	1.1956	1.1646	1.0137	1.1432
I-126	1.5836	1.5376	1.9335	1.4938	1.5213	1.3733	2.5370	1.2933
I-128	0.3019	0.2980	0.3900	0.2872	0.2974	0.2613	0.5476	0.2132
I-129	0.7491	0.5576	0.4960	0.6141	0.6492	0.5851	0.5199	0.5126
I-130m	0.5064	0.4623	0.5972	0.5035	0.4751	0.4139	0.8677	0.4483
I-130	5.4189	5.4094	7.7318	5.8021	5.4241	4.5694	11.5893	5.2963
I-131	1.8802	1.8632	1.8034	1.8437	1.8617	2.0064	1.8192	1.7048
I-132	4.5651	4.4233	6.6261	5.0168	4.5289	3.8315	9.4527	4.7988
I-132m	1.2495	1.1638	1.5080	1.2238	1.1725	1.0326	2.0665	1.1859
I-133	1.8820	1.8728	2.7218	2.0268	1.9098	1.5758	4.2899	1.6686
I-134m	2.2319	2.0530	2.0571	1.8315	2.0832	1.9189	2.5199	1.4430
I-134	4.6817	4.2682	7.2840	5.2541	4.6427	4.0187	8.8758	4.3578
I-135	2.0271	1.7277	2.9996	2.2925	1.9805	1.7156	3.8056	1.8908
In-103	3.1756	2.8169	4.3368	3.3654	3.1172	2.6933	5.8571	2.6687



<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
In-105	2.7988	2.5721	3.5106	2.8319	2.7180	2.3774	5.0212	2.2671
In-106	5.5559	5.1044	8.6572	6.2060	5.4994	4.8649	10.2990	5.1889
In-106m	2.4765	2.2483	3.3039	2.8260	2.4309	2.0872	5.0204	2.6079
In-107	2.6501	2.3769	3.2338	2.5639	2.5457	2.2779	4.3616	2.0264
In-108	7.1152	6.4675	10.3026	7.5764	6.9329	6.2026	12.3035	6.4801
In-108m	2.6014	2.3013	3.2801	2.9437	2.5141	2.1530	5.0722	2.7419
In-109	2.5697	2.3238	2.9923	2.2554	2.4326	2.2277	3.7151	1.8442
In-109m	1.4412	1.4417	2.0076	1.5586	1.4210	1.2338	2.9378	1.6086
In-110	6.5859	6.0806	9.9036	7.1398	6.4307	5.7254	11.8074	6.4000
In-110m	1.9382	1.8628	2.5573	2.0371	1.8771	1.6488	3.7252	2.0887
In-111	3.5422	3.3092	3.9707	2.7619	3.3758	3.1336	4.8952	2.1109
In-111m	1.6661	1.6679	2.3472	1.7577	1.6810	1.3983	3.7399	1.4842
In-112	0.3239	0.2992	0.3353	0.2528	0.2852	0.2801	0.3942	0.3107
In-112m	0.7128	0.6269	0.7405	0.5267	0.6291	0.6212	0.7475	0.5782
In-113m	1.2908	1.3230	1.5905	1.1014	1.2532	1.1702	1.9164	0.7641
In-114	0.0065	0.0059	0.0075	0.0057	0.0059	0.0055	0.0097	0.0064
In-114m	0.6730	0.6026	0.7349	0.5500	0.6127	0.5793	0.8645	0.5370
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	1.0730	1.0787	1.1581	0.9344	1.0151	0.9601	1.3111	0.7013
In-116m	3.2755	2.8081	4.8379	3.6508	3.1928	2.7689	6.1680	3.0435
In-117	3.1029	2.9868	4.4696	3.0661	3.1290	2.6738	6.2659	2.2450
In-117m	0.7374	0.7105	0.8620	0.6403	0.7054	0.6560	0.9668	0.4500
In-118m	4.1213	3.5322	6.4997	4.7011	4.0281	3.5431	7.5767	3.9743
In-118	0.1025	0.0874	0.1520	0.1154	0.0993	0.0839	0.2062	0.1077
In-119	1.6848	1.6481	2.3338	1.7786	1.6376	1.3657	3.4271	1.9017
In-119m	0.1939	0.1713	0.2417	0.1827	0.1759	0.1676	0.2478	0.1726
In-121	1.6796	1.4477	2.8408	1.9273	1.6633	1.5109	2.7449	1.3973
In-121m	0.6020	0.5174	0.5184	0.4801	0.5423	0.5314	0.5643	0.4879
Ir-180	3.7772	3.5930	4.4847	3.7581	3.6278	3.2284	6.1189	2.9819
Ir-182	3.5343	3.3102	3.9745	3.4349	3.3656	3.0151	5.4095	2.5893
Ir-183	3.5192	3.1976	3.6978	3.4808	3.3028	2.9663	5.1430	2.8314
Ir-184	5.5075	5.1095	6.4498	5.4338	5.2711	4.7218	8.6073	4.2005
Ir-185	3.0901	2.7387	2.9875	3.0435	2.7897	2.5256	4.1903	2.6375
Ir-186	5.3155	5.0315	6.1318	5.2964	5.1108	4.5449	8.5241	4.0277
Ir-186m	2.9846	2.7132	3.6003	3.1319	2.8526	2.5188	4.9518	2.5914
Ir-187	2.0983	1.8875	2.0876	2.0629	1.9120	1.7555	2.7519	1.7387
Ir-188	3.7357	3.2286	4.2974	3.9480	3.5735	3.1565	6.3770	3.1229
Ir-189	1.3413	1.1846	1.0552	1.2610	1.1640	1.0892	1.4712	1.1509
Ir-190	6.2673	6.1040	7.7870	6.1797	6.1389	5.3918	11.1249	4.7725
Ir-190m	0.2069	0.1699	0.2163	0.2462	0.1145	0.1174	0.2113	0.3356
Ir-190n	1.0669	0.9349	0.8048	1.0030	0.9428	0.8758	1.1674	0.8692
Ir-191m	1.3154	1.1603	1.1428	1.3037	1.1328	1.0281	1.6693	1.1269
Ir-192	3.8484	3.9774	4.5634	3.7514	3.8142	3.3952	6.1205	2.4653

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Ir-192m	0.2304	0.1931	0.2368	0.2635	0.1301	0.1351	0.2308	0.3627
Ir-192n	0.4852	0.4075	0.4965	0.5519	0.2772	0.2871	0.4870	0.7558
Ir-193m	0.2089	0.1721	0.2161	0.2461	0.1178	0.1204	0.2130	0.3331
Ir-194	0.3396	0.3474	0.4042	0.3328	0.3344	0.3033	0.4921	0.2149
Ir-194m	8.3918	8.5725	11.0076	8.5421	8.3735	7.2645	15.7669	6.5301
Ir-195	1.0256	0.9006	0.8111	0.9529	0.9083	0.8052	1.0700	0.8627
Ir-195m	2.1571	2.0908	2.3549	2.0328	2.0601	1.8314	3.1594	1.5505
Ir-196	0.7019	0.7128	0.9123	0.6979	0.6965	0.6120	1.2070	0.5113
Ir-196m	8.9544	9.1449	11.8548	8.8858	8.9125	7.7691	16.7904	6.7299
K-38	1.4513	1.0046	1.5407	1.7749	1.4138	1.2263	3.0128	1.2308
K-40	0.1562	0.1331	0.2205	0.1801	0.1506	0.1259	0.3079	0.1622
K-42	0.2644	0.2276	0.3731	0.3070	0.2590	0.2169	0.5159	0.2569
K-43	3.1350	3.2282	4.1822	3.1061	3.1232	2.7843	5.6664	2.4098
K-44	2.2536	1.7773	3.2298	2.7072	2.1985	1.8977	4.3111	2.1355
K-45	2.5473	2.1412	3.4407	2.6979	2.5201	2.1780	4.7216	1.8254
K-46	2.2114	1.7826	2.8922	2.7179	2.1315	1.6931	4.7443	2.5256
Kr-74	1.9860	1.8677	2.0446	1.7983	1.8972	1.6551	2.7265	1.2759
Kr-75	1.7543	1.6154	2.1126	1.7077	1.6981	1.4623	3.1098	1.0312
Kr-76	2.6184	2.6154	2.8500	2.3797	2.4239	2.2057	3.5887	1.8661
Kr-77	1.8374	1.7072	2.0912	1.8032	1.7790	1.5302	3.2991	0.9626
Kr-79	1.0498	1.0314	1.1858	0.9567	0.9080	0.8607	1.4689	0.9375
Kr-81	0.3627	0.3369	0.3421	0.3284	0.2256	0.2488	0.3299	0.4832
Kr-81m	1.0771	0.9638	1.3067	0.9343	1.0306	0.9293	1.6291	0.5547
Kr-83m	0.1627	0.1480	0.1557	0.1538	0.0992	0.1087	0.1501	0.2245
Kr-85	0.0082	0.0083	0.0119	0.0088	0.0084	0.0068	0.0195	0.0069
Kr-85m	1.3245	1.2432	1.7639	1.2067	1.3162	1.1615	2.2246	0.6273
Kr-87	1.2991	1.2420	1.6967	1.3067	1.2923	1.1458	2.3964	0.8934
Kr-88	2.0406	1.6419	2.4956	2.2479	1.9871	1.7335	3.8615	1.6348
Kr-89	2.6544	2.3788	3.6091	2.9470	2.6221	2.2240	5.2012	2.3776
La-128	5.1581	4.9107	6.9461	5.2988	5.0979	4.4796	9.1223	4.0163
La-129	1.9593	1.8194	2.0239	1.7864	1.8812	1.6533	2.7438	1.2311
La-130	3.7143	3.5488	4.9974	3.8505	3.6717	3.2272	6.4601	2.7693
La-131	2.5079	2.2968	2.5498	2.2888	2.3996	2.0958	3.4267	1.5320
La-132	3.4371	3.1532	4.4976	3.6300	3.3931	2.8878	6.5935	2.7427
La-132m	2.6891	2.4480	3.2401	2.6775	2.6081	2.2432	4.4855	1.8396
La-133	0.9686	0.7516	0.7357	0.8835	0.8410	0.7464	0.8806	0.6858
La-134	0.3916	0.3049	0.3229	0.3669	0.3532	0.3072	0.4283	0.2828
La-135	0.7790	0.5593	0.4852	0.6798	0.6781	0.5937	0.5750	0.4734
La-136	0.5310	0.3852	0.3530	0.4710	0.4645	0.4052	0.4229	0.3413
La-137	0.7199	0.5072	0.4216	0.6232	0.6210	0.5452	0.4824	0.4336
La-138	1.8519	1.5903	2.3241	1.9902	1.7642	1.4702	3.2906	1.8206
La-140	3.3702	3.1369	4.7333	3.7296	3.3583	2.8341	6.6654	2.9063
La-141	0.0279	0.0235	0.0391	0.0318	0.0269	0.0225	0.0566	0.0299

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
La-142	2.2802	1.8996	2.9849	2.7101	2.2423	1.9097	4.6785	2.2629
La-143	0.3309	0.2888	0.4692	0.3789	0.3257	0.2803	0.6578	0.3216
Lu-165	3.2578	2.9501	3.3398	3.0760	3.1098	2.6804	4.7572	2.2905
Lu-167	3.8171	3.3438	4.1540	3.7473	3.6102	3.1575	5.7506	3.0008
Lu-169m	0.1527	0.1242	0.1606	0.1846	0.0838	0.0854	0.1571	0.2505
Lu-169	3.3703	2.8962	3.9493	3.3665	3.2005	2.8043	4.8263	2.6220
Lu-170	3.4628	2.8142	4.0859	3.7711	3.2939	2.8209	5.6457	3.0788
Lu-171m	0.1651	0.1346	0.1717	0.1978	0.0928	0.0937	0.1696	0.2658
Lu-171	2.9319	2.6618	2.9463	2.8042	2.6751	2.3139	4.1304	2.7434
Lu-172	4.8796	4.2419	6.4617	5.0731	4.6828	4.1253	7.3362	3.9186
Lu-172m	0.1373	0.1116	0.1444	0.1660	0.0754	0.0768	0.1413	0.2253
Lu-173	2.2652	2.0040	1.7121	1.9107	2.1001	1.8248	2.3359	1.5350
Lu-174	1.0750	0.9110	0.7984	0.9527	0.9566	0.8297	1.0803	0.8541
Lu-174m	1.2517	1.0609	0.9528	1.1699	1.0454	0.9315	1.2232	1.1281
Lu-176	3.3335	3.1969	3.5133	3.0502	3.2008	2.8763	4.4237	1.9309
Lu-176m	0.2768	0.2387	0.2207	0.2614	0.2372	0.2028	0.2706	0.2528
Lu-177	0.3262	0.2951	0.3204	0.2914	0.3087	0.2713	0.4511	0.1914
Lu-177m	7.1917	6.8354	7.6033	6.4018	6.9291	6.1975	10.2667	4.1420
Lu-178	0.3127	0.2708	0.3307	0.3143	0.2849	0.2421	0.4427	0.2925
Lu-178m	6.3307	6.2066	6.8868	5.7478	6.2083	5.4484	8.9872	3.7490
Lu-179	0.2035	0.1860	0.2230	0.1743	0.1979	0.1772	0.3006	0.1059
Lu-180	3.2926	2.9893	4.3677	3.3504	3.1851	2.8189	5.3461	2.5464
Lu-181	2.4235	2.2887	2.8132	2.4029	2.2851	1.9930	3.9113	2.0749
Mg-27	1.5458	1.3621	2.5900	1.7869	1.5334	1.3460	2.7787	1.4266
Mg-28	2.6872	2.3096	3.5183	2.7439	2.5754	2.2981	4.1482	2.1198
Mn-50m	5.0188	4.4205	7.6507	5.7169	4.9179	4.1919	9.7666	5.1308
Mn-51	0.0115	0.0100	0.0153	0.0133	0.0097	0.0086	0.0197	0.0142
Mn-52	4.5868	4.0656	7.0716	5.2512	4.4761	3.8520	8.6811	4.6141
Mn-52m	1.4514	1.2412	2.0553	1.6581	1.4082	1.1754	2.8900	1.5015
Mn-53	0.1233	0.1003	0.1299	0.1494	0.0677	0.0689	0.1270	0.2026
Mn-54	1.6502	1.5345	2.4981	1.8618	1.5825	1.3355	3.2021	1.7982
Mn-56	2.1426	1.8675	3.1259	2.4748	2.1161	1.7964	4.2472	2.0933
Mn-57	0.5928	0.5481	0.6533	0.6082	0.4978	0.4515	0.9067	0.5775
Mn-58m	3.4641	3.1664	5.0047	3.8525	3.4108	2.8304	7.1909	3.5643
Mo-101	2.6797	2.4075	3.8138	2.9075	2.6324	2.2789	5.0567	2.3205
Mo-102	0.1441	0.1329	0.1722	0.1247	0.1418	0.1260	0.2293	0.0694
Mo-89	0.3305	0.2941	0.4777	0.3657	0.3212	0.2799	0.6369	0.3346
Mo-90	3.3752	3.2696	3.5374	2.7760	3.1789	2.9368	4.9907	2.1421
Mo-91m	1.4171	1.3133	2.0194	1.5658	1.3829	1.1925	2.8097	1.5072
Mo-91	0.0410	0.0380	0.0405	0.0289	0.0342	0.0356	0.0530	0.0379
Mo-93	0.4262	0.4231	0.3609	0.1893	0.3252	0.3850	0.3860	0.3763
Mo-93m	4.0267	3.8238	5.2360	4.1058	3.9139	3.4060	7.4275	3.8240
Mo-99	0.4580	0.4399	0.6077	0.4509	0.4496	0.3829	0.8640	0.3889

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	1.0146	0.7780	1.1093	1.5211	1.0245	0.7284	2.9732	1.3605
Na-22	1.4790	1.2450	2.1067	1.6492	1.4122	1.1703	3.0464	1.6983
Na-24	2.8828	2.1988	3.5284	3.5668	2.8059	2.2523	6.3489	3.1291
Nb-87	2.0424	1.8480	2.2930	1.7092	1.9416	1.7758	3.0714	1.0616
Nb-88m	5.6914	5.1089	8.8327	6.2548	5.6322	5.0491	10.0296	4.6059
Nb-88	6.9242	6.2139	10.5921	7.4312	6.8231	6.1318	11.7803	5.5864
Nb-89	0.5798	0.4818	0.7120	0.6337	0.5457	0.4756	1.0960	0.5781
Nb-89m	1.7662	1.7746	2.5024	1.8422	1.7821	1.4711	4.0586	1.5166
Nb-90	4.3909	3.5355	5.7345	4.7840	4.2302	3.7871	7.9597	3.4423
Nb-91	0.4094	0.4081	0.3522	0.1850	0.3055	0.3688	0.3591	0.3840
Nb-91m	0.3980	0.3896	0.3585	0.2021	0.3106	0.3558	0.3925	0.3563
Nb-92	3.6768	3.4215	5.6111	3.8971	3.5858	3.2298	6.7275	3.2497
Nb-92m	1.9864	1.7130	3.1859	2.0654	1.8704	1.8051	2.8687	1.6615
Nb-93m	0.0846	0.0825	0.0734	0.0441	0.0627	0.0735	0.0777	0.0812
Nb-94m	0.2998	0.2962	0.2606	0.1413	0.2300	0.2692	0.2792	0.2676
Nb-94	3.0073	2.8479	4.6165	3.3703	2.9822	2.5469	5.9709	3.1337
Nb-95	1.5119	1.4965	2.1741	1.6502	1.4992	1.2202	3.2805	1.7223
Nb-95m	0.6993	0.6802	0.6756	0.4535	0.6203	0.6249	0.8514	0.4790
Nb-96	5.0392	4.7881	7.5086	5.5036	5.0105	4.2421	10.2398	4.8667
Nb-97	1.5002	1.4999	2.1253	1.6424	1.4858	1.2804	3.1103	1.6748
Nb-98m	4.7127	4.4554	6.7721	5.1988	4.6544	3.8965	9.6241	4.9139
Nb-99	1.9888	1.8711	2.0588	1.7071	1.9177	1.6630	3.0252	1.0501
Nb-99m	1.0098	0.8943	1.2360	1.0730	0.9900	0.8504	1.8775	0.8495
Nd-134	2.5228	2.2185	2.8374	2.2589	2.4605	2.0706	3.4271	1.3584
Nd-135	3.1217	2.8208	3.4633	2.8877	3.0412	2.5219	4.7419	1.9820
Nd-136	2.0959	1.7588	1.8161	1.9003	1.9925	1.5329	2.3989	1.3395
Nd-137	2.7645	2.4194	3.0255	2.7202	2.6847	2.1786	4.0544	2.1357
Nd-138	0.8302	0.6388	0.5620	0.7167	0.7653	0.5737	0.6589	0.4998
Nd-139	0.9328	0.7690	0.8916	0.8661	0.8824	0.7006	1.0778	0.6301
Nd-139m	4.1984	3.6907	5.2206	4.3381	4.0794	3.3826	6.5837	3.4420
Nd-140	0.7320	0.5441	0.4598	0.6264	0.6691	0.4899	0.5310	0.4485
Nd-141	0.7584	0.5660	0.5038	0.6567	0.6955	0.5132	0.5820	0.4723
Nd-141m	1.4450	1.4174	2.0261	1.5632	1.4288	1.1616	3.0376	1.6123
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	1.0943	0.9720	0.9988	0.9849	1.0819	0.8070	1.3687	0.7265
Nd-149	2.2077	2.0792	2.3933	1.9853	2.1664	1.8397	3.2923	1.3382
Nd-151	2.6007	2.3915	3.1943	2.5730	2.5573	2.1662	4.2973	1.8634
Nd-152	1.0390	1.0313	1.0547	0.8586	0.9912	0.9028	1.3940	0.6703
Ne-19	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0003	0.0001
Ne-24	1.9725	1.9981	2.8237	2.0344	2.0088	1.6806	4.3284	1.4934
Ni-56	5.1591	4.9313	7.2309	5.1929	5.0606	4.3192	9.8163	4.3014
Ni-57	1.7984	1.5119	2.3597	2.0472	1.6906	1.4258	3.4889	1.8257

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Ni-59	0.2139	0.1738	0.2251	0.2590	0.1174	0.1195	0.2202	0.3513
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.6759	0.5803	1.0181	0.7690	0.6614	0.5757	1.2254	0.6108
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	4.3751	4.2365	5.1568	4.1294	4.1365	3.6712	6.3025	3.4474
Np-233	1.2196	1.1704	1.0175	0.9781	1.1126	0.9588	1.3114	0.8581
Np-234	2.3456	2.1516	2.6500	2.2463	2.1672	1.8836	3.4769	2.0613
Np-235	0.3353	0.3139	0.3060	0.2547	0.2280	0.2542	0.3124	0.3915
Np-236	2.5344	2.3958	2.4786	1.9729	2.1871	2.0448	2.9272	1.9571
Np-236m	0.6721	0.6437	0.5663	0.5347	0.6017	0.5277	0.7210	0.5020
Np-237	0.8476	0.7667	0.7134	0.6460	0.6839	0.6650	0.7745	0.7710
Np-238	1.2191	1.0007	2.0013	1.3209	1.1254	1.1057	1.5767	0.9704
Np-239	2.0266	1.9536	1.8436	1.6631	1.8345	1.6494	2.4462	1.4055
Np-240	3.6377	3.4010	4.7871	3.5086	3.3942	3.1019	5.7212	3.0203
Np-240m	1.0661	1.0394	1.3713	1.0380	0.9916	0.8914	1.9283	1.0245
Np-241	0.4849	0.4624	0.4487	0.3986	0.4392	0.3893	0.6021	0.3354
Np-242	0.3978	0.3570	0.5485	0.4315	0.3791	0.3304	0.7449	0.4056
Np-242m	2.9742	2.7858	3.8616	2.7921	2.7209	2.4930	4.6147	2.6904
O-14	1.4398	0.9870	1.5127	1.7592	1.4059	1.2207	3.0425	1.2139
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	2.2054	1.9179	2.8075	2.1422	2.1560	1.8646	3.7966	1.4942
Os-180	1.5271	1.3673	1.2752	1.4241	1.3232	1.2351	1.7571	1.3360
Os-181	4.3607	3.9376	4.8874	4.2843	4.1255	3.6930	6.4772	3.4903
Os-182	2.9712	2.7665	3.2946	2.8858	2.8120	2.4678	4.8756	2.2729
Os-183	4.0260	3.8354	4.0789	3.7222	3.8142	3.4744	5.4894	2.6781
Os-183m	2.3893	1.9954	3.1389	2.5687	2.2477	2.0675	3.3335	1.9794
Os-185	2.3766	2.2451	2.7466	2.4540	2.2542	2.0055	3.9329	2.3340
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	0.1989	0.1628	0.2083	0.2378	0.1098	0.1123	0.2035	0.3237
Os-190m	6.4832	6.4172	8.5227	6.5380	6.3716	5.5355	12.2220	5.0607
Os-191	1.4124	1.2481	1.2192	1.3922	1.2309	1.1135	1.8055	1.1747
Os-191m	0.2966	0.2501	0.2737	0.3240	0.2020	0.1981	0.3081	0.3897
Os-193	0.5207	0.4872	0.5393	0.5016	0.4841	0.4290	0.7549	0.4000
Os-194	0.2195	0.1811	0.2067	0.2363	0.1435	0.1307	0.2097	0.2981
Os-196	0.5460	0.5202	0.5564	0.5124	0.5224	0.4677	0.8026	0.3660
P-30	0.0011	0.0008	0.0012	0.0013	0.0011	0.0009	0.0023	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	0.4517	0.4187	0.3719	0.3659	0.3819	0.3555	0.4545	0.3889
Pa-228	4.4407	4.1414	5.4697	4.2756	4.1634	3.7119	6.4623	3.5651
Pa-229	1.0319	0.9675	0.8479	0.8282	0.9269	0.7949	1.0242	0.7900
Pa-230	2.4583	2.2583	3.0653	2.3557	2.2995	2.0500	3.3876	1.9622
Pa-231	0.7888	0.7375	0.7406	0.6502	0.6001	0.6175	0.7801	0.8108

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Pa-232	2.5540	2.3363	3.7540	2.6277	2.4274	2.2165	4.1597	2.0879
Pa-233	1.8227	1.8266	1.7851	1.5673	1.6668	1.5304	2.1481	1.2645
Pa-234	4.5542	4.2434	5.8352	4.4477	4.2813	3.8267	7.2045	3.8173
Pa-234m	0.0374	0.0329	0.0531	0.0388	0.0352	0.0322	0.0541	0.0310
Pa-235	0.0721	0.0587	0.0758	0.0870	0.0397	0.0404	0.0742	0.1182
Pa-236	1.7538	1.6338	2.2492	1.8167	1.6512	1.4719	3.1028	1.7377
Pa-237	1.4312	1.3598	2.1417	1.5784	1.4100	1.1940	2.8787	1.3714
Pb-194	3.5604	3.2265	4.0481	3.4958	3.4438	2.9308	5.3218	2.8558
Pb-195m	5.5072	5.3445	6.8555	5.3481	5.3188	4.7065	8.4733	4.1780
Pb-196	3.2267	3.0066	3.3572	2.9595	3.1205	2.6576	4.5989	2.3754
Pb-197	3.5940	3.2907	4.3445	3.5929	3.4900	3.0192	5.5418	2.8440
Pb-197m	4.6526	4.4633	5.4992	4.4084	4.4895	3.9431	6.9175	3.4355
Pb-198	3.0102	2.8365	3.0718	2.7297	2.8908	2.5150	3.8441	2.0842
Pb-199	2.9318	2.7046	3.3603	2.8833	2.8365	2.4540	4.1988	2.2510
Pb-200	2.3992	2.1467	2.3140	2.1656	2.2638	1.9281	2.9671	1.7153
Pb-201	3.3746	3.2339	3.7405	3.2637	3.2707	2.8636	4.4963	2.4065
Pb-201m	1.2336	1.1805	1.4735	1.2630	1.1949	1.0187	2.0697	1.2527
Pb-202	0.1991	0.1671	0.2046	0.2274	0.1124	0.1169	0.1993	0.3135
Pb-202m	4.9498	4.6874	7.3790	5.2333	4.9009	4.3251	8.8041	3.9898
Pb-203	2.5754	2.4462	2.3808	2.2426	2.4598	2.1572	3.0206	1.7622
Pb-204m	4.5369	4.1957	7.0336	4.8920	4.4999	4.0457	7.4370	3.4519
Pb-205	0.2016	0.1691	0.2071	0.2301	0.1137	0.1183	0.2017	0.3173
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	0.2439	0.2156	0.2232	0.2296	0.1606	0.1622	0.2236	0.3124
Pb-211	0.1859	0.1849	0.2546	0.1843	0.1846	0.1599	0.3364	0.1457
Pb-212	1.2319	1.1457	1.1505	1.0100	1.1860	1.0270	1.4877	0.8041
Pb-214	1.4865	1.4867	1.5911	1.3421	1.4412	1.2821	1.9676	0.9388
Pd-100	2.2759	2.0590	1.7742	1.5947	2.1376	1.8663	2.2381	1.4788
Pd-101	1.9052	1.8686	1.9217	1.3909	1.6991	1.6621	2.4830	1.4548
Pd-103	0.5702	0.5514	0.4595	0.2950	0.4635	0.4966	0.5554	0.4262
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.0249	0.9208	1.1972	0.8314	0.9779	0.8969	1.4842	0.5338
Pd-109	0.3495	0.3188	0.2992	0.2266	0.2948	0.2976	0.3115	0.3007
Pd-111	0.1119	0.1072	0.1500	0.1155	0.1107	0.0953	0.2116	0.0997
Pd-112	0.2076	0.2032	0.1712	0.1045	0.1614	0.1806	0.2000	0.1709
Pd-114	0.1924	0.1840	0.2044	0.1708	0.1871	0.1664	0.3074	0.1014
Pd-96	3.2549	3.0892	4.1126	3.2660	3.1427	2.7130	6.1342	2.7223
Pd-97	3.1872	2.9482	4.0472	3.1816	3.1056	2.7396	5.6045	2.5553
Pd-98	2.2507	2.1485	2.2560	1.8622	2.1058	1.8932	3.1777	1.5802
Pd-99	2.5389	2.3688	3.0121	2.3855	2.4398	2.1715	4.3516	1.7362
Pm-136	4.8402	4.8012	6.7098	4.9748	4.8107	4.1945	8.7742	3.9530
Pm-137m	4.7657	4.4374	5.5761	4.4855	4.6890	3.9446	7.5114	3.1978
Pm-139	0.8440	0.7760	0.9476	0.7959	0.8242	0.6798	1.2393	0.5647

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Pm-140m	5.1391	4.7301	7.7566	5.4952	5.0949	4.4593	8.9598	4.1255
Pm-140	0.3332	0.2944	0.4242	0.3448	0.3251	0.2635	0.5668	0.2897
Pm-141	0.6344	0.5026	0.6137	0.6111	0.6012	0.4609	0.7691	0.4739
Pm-142	0.2365	0.1859	0.1976	0.2210	0.2230	0.1642	0.2523	0.1682
Pm-143	1.3182	1.1346	1.3050	1.2625	1.2596	0.9520	1.7986	1.1167
Pm-144	4.6255	4.4653	5.9678	4.8196	4.5665	3.7698	8.8396	4.4584
Pm-145	0.7612	0.5789	0.4926	0.6516	0.7049	0.4968	0.5743	0.4800
Pm-146	2.5572	2.4647	3.2282	2.5566	2.5321	2.0639	4.7341	2.1280
Pm-147	0.0001	0.0001	0.0000	0.0001	0.0001	0.0000	0.0001	0.0000
Pm-148	0.9314	0.8578	1.3899	1.0472	0.9270	0.7842	1.9096	0.8779
Pm-148m	5.3456	5.2595	7.6335	5.7217	5.3451	4.5876	10.7349	4.9224
Pm-149	0.0615	0.0622	0.0664	0.0549	0.0596	0.0539	0.0848	0.0388
Pm-150	2.8374	2.6926	3.8229	2.9915	2.7919	2.4549	4.8402	2.2533
Pm-151	1.7740	1.7042	1.9892	1.6190	1.7463	1.4809	2.5792	1.1027
Pm-152m	4.2671	3.9374	5.1478	4.1310	4.1626	3.6136	6.6920	2.9969
Pm-152	0.7248	0.6379	0.9193	0.7671	0.7090	0.5922	1.2041	0.5444
Pm-153	0.8963	0.7775	0.8141	0.8323	0.8561	0.6864	1.2148	0.5191
Pm-154	2.3537	1.8940	3.1485	2.6365	2.3021	1.9486	3.9503	1.9931
Pm-154m	3.9623	3.5699	4.9495	3.9844	3.8964	3.2633	6.6325	3.0723
Po-203	3.7807	3.2653	4.9488	3.9019	3.6627	3.1456	5.5347	3.1199
Po-204	4.9609	4.4529	5.6784	4.8370	4.7067	4.0444	6.5897	4.0335
Po-205	3.6490	3.1787	4.8227	3.8223	3.5497	3.0185	5.4529	3.1553
Po-206	4.4223	4.0779	5.4622	4.4311	4.2411	3.6581	6.5358	3.6018
Po-207	3.3273	2.8825	4.5493	3.4852	3.2469	2.8271	4.6196	2.6606
Po-208	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-209	0.0347	0.0308	0.0386	0.0350	0.0293	0.0264	0.0430	0.0351
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-211	0.0183	0.0172	0.0283	0.0204	0.0183	0.0157	0.0362	0.0169
Po-212m	0.0718	0.0599	0.0873	0.0846	0.0714	0.0595	0.1607	0.0679
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	0.0001	0.0003	0.0002
Po-215	0.0007	0.0007	0.0010	0.0007	0.0007	0.0006	0.0014	0.0005
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	6.5282	6.3066	8.8631	6.6096	6.4601	5.7206	11.2556	4.9039
Pr-134m	3.0626	2.8865	4.1142	3.1112	3.0394	2.6790	5.4627	2.1305
Pr-135	1.9380	1.7072	1.8602	1.7792	1.8631	1.5496	2.4313	1.2652
Pr-136	3.5567	3.3116	4.8843	3.8516	3.5464	2.9648	7.2364	3.0764
Pr-137	0.7399	0.5755	0.6023	0.6733	0.6827	0.5436	0.7378	0.4873
Pr-138	0.2513	0.1976	0.2055	0.2320	0.2319	0.1823	0.2683	0.1833
Pr-138m	5.3915	4.8869	7.4315	5.6928	5.2711	4.6149	8.3833	4.2543
Pr-139	0.7073	0.5193	0.4495	0.6124	0.6380	0.4950	0.5259	0.4351

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Pr-140	0.3767	0.2767	0.2386	0.3262	0.3398	0.2637	0.2777	0.2302
Pr-142	0.0524	0.0452	0.0741	0.0616	0.0516	0.0432	0.1020	0.0495
Pr-142m	0.0097	0.0079	0.0102	0.0118	0.0053	0.0054	0.0100	0.0159
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0345	0.0308	0.0454	0.0393	0.0340	0.0289	0.0721	0.0356
Pr-144m	0.3274	0.2466	0.2234	0.2940	0.2859	0.2156	0.2525	0.2401
Pr-145	0.0441	0.0391	0.0595	0.0468	0.0433	0.0364	0.0714	0.0391
Pr-146	1.7688	1.6808	2.4806	1.8960	1.7664	1.4934	3.6377	1.5131
Pr-147	2.2988	2.0185	2.2802	2.1732	2.2321	1.7651	3.0105	1.6353
Pr-148	2.1307	2.0402	2.7159	2.1944	2.0938	1.8540	3.4932	1.6319
Pr-148m	3.2880	3.3540	4.1010	3.2233	3.2641	2.8792	5.5469	2.3337
Pt-184	5.4887	5.0255	5.6271	5.1955	5.1431	4.5715	7.7739	4.1681
Pt-186	2.9460	2.7683	3.1694	2.9291	2.7828	2.4591	4.5770	2.6880
Pt-187	3.3803	3.0907	3.3092	3.2310	3.1511	2.8146	4.5418	2.6571
Pt-188	2.2352	2.0015	2.1019	2.0735	2.0534	1.8622	2.8317	1.6169
Pt-189	3.0912	2.8310	2.9663	2.9787	2.8646	2.5537	4.1974	2.5785
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	2.7223	2.4938	2.4874	2.5709	2.5252	2.2644	3.5340	2.1140
Pt-193	0.2121	0.1766	0.2193	0.2458	0.1189	0.1230	0.2138	0.3375
Pt-193m	0.4024	0.3419	0.3610	0.4220	0.2924	0.2769	0.4098	0.4907
Pt-195m	1.5731	1.3685	1.2838	1.5175	1.3188	1.1882	1.6253	1.4986
Pt-197	0.4416	0.3752	0.3981	0.4203	0.3783	0.3195	0.4472	0.4221
Pt-197m	1.1229	1.0120	0.9992	1.0854	0.9494	0.8732	1.2279	1.0416
Pt-199	0.8180	0.8001	1.0593	0.8250	0.8088	0.6899	1.5435	0.6426
Pt-200	0.8256	0.7274	0.7333	0.7655	0.7401	0.6415	0.9250	0.6835
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pu-232	0.9018	0.8664	0.7501	0.7225	0.8179	0.7098	0.9948	0.6280
Pu-234	1.0178	0.9769	0.8498	0.8125	0.9135	0.8003	1.1154	0.7282
Pu-235	1.3541	1.2947	1.1424	1.0779	1.2011	1.0647	1.4765	1.0031
Pu-236	0.1043	0.0991	0.0931	0.0721	0.0727	0.0820	0.0963	0.1147
Pu-237	0.9212	0.8775	0.7751	0.7247	0.7899	0.7249	0.9765	0.7340
Pu-238	0.0961	0.0914	0.0859	0.0665	0.0669	0.0756	0.0887	0.1060
Pu-239	0.0551	0.0505	0.0515	0.0457	0.0364	0.0401	0.0526	0.0682
Pu-240	0.0905	0.0860	0.0808	0.0626	0.0630	0.0711	0.0835	0.0997
Pu-241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pu-242	0.0776	0.0738	0.0694	0.0538	0.0541	0.0610	0.0718	0.0855
Pu-243	0.3889	0.3465	0.3138	0.3083	0.3677	0.3002	0.3605	0.2863
Pu-244	0.0962	0.0901	0.1002	0.0788	0.0763	0.0777	0.1189	0.0972
Pu-245	1.6139	1.5964	1.9392	1.5599	1.5628	1.3882	2.4766	1.1399
Pu-246	1.7069	1.5750	1.5641	1.3771	1.5682	1.3734	2.0782	1.1022
Ra-219	1.0409	1.0542	1.0794	0.9735	1.0165	0.8952	1.2877	0.6396
Ra-220	0.0187	0.0191	0.0261	0.0188	0.0190	0.0160	0.0400	0.0136
Ra-221	0.5464	0.4977	0.5799	0.4772	0.4805	0.4303	0.6861	0.4302



<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Ra-222	0.0487	0.0513	0.0542	0.0464	0.0480	0.0436	0.0645	0.0268
Ra-223	1.3538	1.2607	1.2964	1.1738	1.2861	1.0847	1.5734	0.9453
Ra-224	0.0726	0.0703	0.0725	0.0563	0.0698	0.0635	0.0983	0.0436
Ra-225	0.3834	0.3172	0.2779	0.3056	0.3430	0.2450	0.3073	0.2848
Ra-226	1.5813	1.5951	1.5599	1.5016	1.5718	1.5810	1.5459	1.4968
Ra-227	1.2841	1.2315	1.3051	1.1017	1.1151	1.0531	1.5763	1.0947
Ra-228	1.4138	1.4080	1.4031	1.3285	1.4011	1.4081	1.3737	1.3744
Ra-230	0.6886	0.6455	0.6791	0.6043	0.6483	0.5610	0.9099	0.4954
Rb-77	1.9671	1.8056	2.3305	1.8906	1.9391	1.7309	3.0295	1.3625
Rb-78m	3.9813	3.7302	5.4901	4.3039	3.9560	3.3705	7.9993	3.5143
Rb-78	3.0758	2.7048	3.8975	3.6522	3.0462	2.4493	6.7751	3.0060
Rb-79	2.4769	2.3826	3.2585	2.4091	2.4121	2.1148	4.5132	1.7897
Rb-80	0.4504	0.4517	0.6325	0.4896	0.4457	0.3851	0.9413	0.4889
Rb-81	1.0118	1.0165	1.2961	0.9601	0.9332	0.8433	1.7913	0.8659
Rb-81m	0.3375	0.3314	0.2917	0.2316	0.2577	0.2694	0.2984	0.3314
Rb-82	0.2616	0.2564	0.3671	0.2810	0.2538	0.2093	0.5464	0.2976
Rb-82m	5.4343	5.1536	7.9189	5.9222	5.3043	4.5459	10.8034	5.5151
Rb-83	2.0291	2.0338	2.7259	2.0700	1.9367	1.6617	4.2139	1.8945
Rb-84	1.3157	1.1868	2.0072	1.4250	1.2243	1.1138	2.1529	1.2878
Rb-84m	2.1731	2.1469	2.4702	1.8244	2.1094	1.9025	3.5025	1.3797
Rb-86m	1.7229	1.7366	2.4624	1.8549	1.7439	1.4510	3.9141	1.5995
Rb-86	0.1331	0.1038	0.2410	0.1601	0.1306	0.1217	0.2034	0.1065
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rb-88	0.5950	0.4738	0.8210	0.7146	0.5848	0.5034	1.1499	0.5403
Rb-89	2.5533	2.0276	3.9939	3.0260	2.4955	2.2257	4.5369	2.2922
Rb-90	1.3895	1.1393	1.8621	1.8202	1.3666	1.0530	3.0241	1.6171
Rb-90m	3.1472	2.6843	4.3809	3.8015	3.0961	2.5084	6.6197	3.3884
Re-178	3.0762	2.7132	3.2784	3.0849	2.8924	2.5336	4.5975	2.5232
Re-179	4.1332	3.9477	4.6400	3.9773	3.9718	3.5333	6.4283	2.9582
Re-180	3.1600	2.7725	3.9508	3.3206	2.9755	2.6561	4.5468	2.7057
Re-181	3.8377	3.6484	4.1869	3.6953	3.6304	3.2997	5.3671	2.7822
Re-182	7.1700	6.4296	7.7438	6.8035	6.7598	6.0666	9.9577	5.2147
Re-182m	3.5329	3.0334	3.8171	3.5392	3.3084	2.9430	4.8675	2.9312
Re-183	2.3494	2.0710	2.0519	2.1653	2.0967	1.9020	2.7317	1.8032
Re-184	2.8414	2.5625	3.3756	2.9293	2.6800	2.3576	4.3326	2.5205
Re-184m	2.4425	2.2148	2.4579	2.3327	2.2257	2.0121	3.1885	1.9268
Re-186	0.2770	0.2480	0.2654	0.2678	0.2543	0.2265	0.4012	0.1895
Re-186m	0.7778	0.6506	0.7109	0.8397	0.5317	0.5042	0.7862	1.0069
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	0.3727	0.3397	0.4923	0.3550	0.3615	0.3197	0.6224	0.2385
Re-188m	1.3858	1.2196	1.0811	1.3282	1.1837	1.0927	1.4950	1.2273
Re-189	0.4333	0.3995	0.4652	0.3869	0.4056	0.3665	0.6260	0.2889
Re-190	4.6471	4.5497	6.1324	4.5669	4.6049	4.0283	8.4922	3.4763

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Re-190m	3.7969	3.6886	4.7150	3.7570	3.6985	3.2533	6.6173	2.8773
Rh-100m	0.9326	0.8690	0.7626	0.5759	0.7935	0.7935	0.9514	0.6868
Rh-100	4.3403	3.9708	5.7166	4.5335	4.2240	3.6651	8.6206	3.8733
Rh-101	2.7664	2.5732	2.8906	2.3456	2.6086	2.3736	4.2277	1.4673
Rh-101m	1.9792	2.0369	2.0346	1.6269	1.8537	1.7662	2.5099	1.2213
Rh-102	1.4526	1.4480	1.8752	1.3310	1.4022	1.2465	2.7582	1.1418
Rh-102m	5.6619	5.4987	8.0344	5.8054	5.5569	4.8773	10.9327	5.0787
Rh-103m	0.0756	0.0708	0.0644	0.0493	0.0577	0.0612	0.0743	0.0694
Rh-104	0.0394	0.0394	0.0548	0.0410	0.0393	0.0332	0.0858	0.0362
Rh-104m	1.0004	0.9158	0.7050	0.6222	0.8895	0.8385	0.9180	0.6382
Rh-105	0.4085	0.4329	0.4524	0.3903	0.4030	0.3690	0.5399	0.2212
Rh-106	0.5994	0.5945	0.8714	0.6503	0.6067	0.5066	1.3422	0.5435
Rh-106m	6.1200	5.8556	8.9923	6.6119	6.1163	5.1979	12.5193	5.4742
Rh-107	1.5791	1.6545	1.7771	1.4607	1.5567	1.4220	2.2100	0.8951
Rh-108	1.0994	1.1277	1.5313	1.0964	1.1082	0.9607	2.2114	0.8215
Rh-109	1.6791	1.7164	1.8948	1.5194	1.6476	1.4973	2.3834	0.9323
Rh-94	3.5738	3.1665	5.1514	4.0437	3.5061	2.9763	6.9372	3.4547
Rh-95	2.4461	2.0702	3.7483	2.7733	2.3785	2.1145	4.2907	2.2214
Rh-95m	1.7421	1.7136	2.4054	1.9002	1.7496	1.4328	3.9565	1.6509
Rh-96	5.8693	5.6061	8.4009	6.4185	5.7720	4.9332	11.8448	6.2298
Rh-96m	1.4470	1.2952	1.9759	1.5040	1.3824	1.2203	2.6003	1.3734
Rh-97	2.2366	2.2052	2.9992	2.1343	2.1908	1.9574	4.0035	1.6349
Rh-97m	3.2299	2.8244	4.0327	3.2241	3.1076	2.7674	5.6878	2.4897
Rh-98	1.7334	1.6874	2.3986	1.8852	1.7033	1.4777	3.5173	1.8814
Rh-99	2.7805	2.7588	3.1097	2.3540	2.6498	2.3899	4.2190	1.9848
Rh-99m	2.3085	2.3307	2.6666	2.0295	2.1875	2.0374	3.3854	1.6363
Rn-207	3.0728	2.9869	3.6893	2.9886	3.0138	2.5839	4.6809	2.4091
Rn-209	3.4005	3.2378	4.1229	3.3003	3.3337	2.8411	5.3005	2.6608
Rn-210	0.2380	0.2228	0.2870	0.2320	0.2300	0.1954	0.3690	0.1978
Rn-211	4.2788	3.9174	5.7408	4.4387	4.1656	3.5657	7.1986	3.8841
Rn-212	0.0007	0.0007	0.0011	0.0008	0.0007	0.0006	0.0016	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	0.0020	0.0020	0.0028	0.0021	0.0020	0.0017	0.0042	0.0021
Rn-219	0.3172	0.3228	0.3529	0.2691	0.3109	0.2818	0.4564	0.1849
Rn-220	1.9465	1.9662	1.9038	2.0352	1.9305	1.9443	1.9433	1.7511
Rn-222	0.0015	0.0015	0.0021	0.0016	0.0015	0.0012	0.0035	0.0012
Rn-223	1.4761	1.3921	1.7489	1.4292	1.3609	1.1918	2.2957	1.3445
Ru-103	1.8830	1.9012	2.7024	1.9973	1.9260	1.5716	4.4229	1.5457
Ru-105	2.1777	2.1754	2.9123	2.2089	2.1498	1.8602	4.1640	1.9103
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	0.8646	0.8090	1.2028	0.8776	0.8558	0.7505	1.5480	0.6486

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Ru-108	0.6107	0.5562	0.8117	0.5186	0.6038	0.5350	0.9793	0.2896
Ru-92	6.1691	5.7749	6.6822	5.1653	5.8622	5.3525	9.1057	3.8839
Ru-94	2.1609	2.1798	2.6467	1.8539	2.0470	1.9399	3.1316	1.4241
Ru-95	2.9543	2.8682	3.7620	2.8349	2.8293	2.6157	4.5183	2.2263
Ru-97	2.0033	1.9017	2.0817	1.5110	1.8636	1.7677	2.6890	1.1633
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	1.3215	0.8938	1.3255	2.0153	1.3060	0.8286	3.5769	1.9154
S-38	1.2600	0.9098	1.4130	1.5352	1.2270	1.0570	2.5496	1.0930
Sb-111	2.4747	2.3040	3.5224	2.4181	2.4627	2.1439	4.5407	1.6788
Sb-113	2.2649	2.2208	3.0567	2.3004	2.2575	1.9176	4.5477	1.8147
Sb-114	2.4590	2.1100	3.4596	2.7062	2.3621	2.0248	4.6296	2.5320
Sb-115	2.4311	2.3691	3.2422	2.4263	2.4037	2.0388	4.9870	2.0480
Sb-116	2.2502	1.8582	3.0813	2.4403	2.1342	1.8653	4.0245	2.3013
Sb-116m	6.4067	5.6883	9.0032	6.6224	6.1944	5.5085	10.6356	5.4106
Sb-117	2.0287	1.7914	2.5585	1.6680	1.9215	1.7838	2.7694	1.2900
Sb-118	0.2513	0.2137	0.2599	0.2068	0.2199	0.2137	0.2737	0.2480
Sb-118m	6.1382	5.2807	7.9796	5.8889	5.8142	5.3084	8.5764	5.0754
Sb-119	0.8645	0.7363	0.7676	0.6242	0.7201	0.7399	0.6734	0.8455
Sb-120	0.4436	0.3743	0.4118	0.3317	0.3771	0.3821	0.3681	0.4276
Sb-120m	6.0764	5.0505	8.3634	6.1116	5.8798	5.2902	8.2977	4.4853
Sb-122m	1.5009	1.2774	1.1004	1.2115	1.3743	1.2952	1.3487	1.1179
Sb-122	1.3181	1.3200	1.8742	1.4184	1.3271	1.1125	2.9274	1.2595
Sb-124	2.8804	2.7086	4.0130	3.2273	2.8572	2.4362	5.9800	2.9048
Sb-124m	1.2811	1.2832	1.8150	1.3882	1.2771	1.0778	2.7981	1.2691
Sb-124n	0.0339	0.0275	0.0356	0.0410	0.0186	0.0189	0.0349	0.0556
Sb-125	1.9356	1.8449	2.3520	1.8271	1.8660	1.6618	3.2040	1.5329
Sb-126	6.6809	6.6799	9.4513	7.0481	6.6402	5.7234	13.3604	6.5010
Sb-126m	4.0604	4.1169	5.6667	4.1898	4.0405	3.5089	8.0386	3.7491
Sb-127	1.9743	1.9770	2.6862	2.0239	1.9662	1.6754	3.9958	1.8054
Sb-128	7.4255	7.3947	10.2862	7.9339	7.3732	6.2653	14.7865	7.2749
Sb-128m	4.7392	4.7742	6.3237	4.9843	4.6883	3.9992	8.8805	4.4532
Sb-129	2.5568	2.3424	3.8893	2.8615	2.5381	2.1832	4.9345	2.3820
Sb-130m	5.3162	4.8847	8.0682	5.8116	5.2621	4.5018	10.1176	4.9580
Sb-130	7.7302	7.4042	10.8284	8.0843	7.6567	6.5848	14.2470	6.5956
Sb-131	3.1268	2.7294	4.7885	3.5665	3.0828	2.7342	5.6160	2.7915
Sb-133	3.2822	2.7677	4.8751	3.7896	3.2214	2.7992	6.1423	3.0245
Sc-42m	4.6739	4.2831	6.6651	5.0346	4.6034	3.9250	9.1954	4.1539
Sc-43	0.3765	0.3972	0.4721	0.3449	0.3721	0.3409	0.5812	0.2043
Sc-44	1.5317	1.2352	2.5135	1.7833	1.4837	1.3166	2.6965	1.4646
Sc-44m	1.4701	1.4825	1.5468	1.2221	1.4287	1.3173	2.0058	0.8728
Sc-46	3.0651	2.5627	5.2284	3.5912	3.0157	2.6975	5.2620	2.7561
Sc-47	0.9766	0.8857	1.4570	0.8627	0.9895	0.8689	1.7014	0.4148
Sc-48	4.6924	3.7385	8.1706	5.5584	4.6004	4.2053	7.5653	3.9242

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Sc-49	0.0009	0.0007	0.0011	0.0010	0.0008	0.0007	0.0017	0.0008
Sc-50	4.6263	4.1163	7.0423	5.2760	4.5978	3.9182	9.2505	4.1682
Se-70	2.1543	2.0086	2.3271	2.0637	1.8500	1.6715	2.9339	1.8810
Se-71	1.5345	1.3671	2.2354	1.6062	1.5112	1.3115	2.7959	1.1259
Se-72	1.0773	0.8923	0.8904	1.0371	0.8129	0.6893	0.9643	1.1714
Se-73	2.5582	2.5368	2.6981	2.3707	2.4581	2.2430	3.4400	1.6234
Se-73m	0.3186	0.2981	0.3548	0.3092	0.2759	0.2527	0.4309	0.2950
Se-75	3.1089	2.9879	3.3218	2.8642	2.8583	2.5803	4.6018	2.1307
Se-77m	0.9385	0.8451	1.2949	0.8553	0.8741	0.7882	1.4852	0.5845
Se-79m	0.4151	0.3726	0.3863	0.4059	0.2882	0.2770	0.3992	0.5139
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0312	0.0316	0.0373	0.0293	0.0308	0.0273	0.0510	0.0223
Se-81m	0.4601	0.4189	0.4258	0.4455	0.3312	0.3137	0.4671	0.5346
Se-83m	1.5385	1.3231	2.4157	1.7558	1.5206	1.3895	2.5176	1.1897
Se-83	5.3700	5.0962	7.3055	5.6164	5.3298	4.6133	10.1457	4.3377
Se-84	1.7070	1.7949	2.2910	1.5521	1.7144	1.5436	3.0110	0.9488
Si-31	0.0010	0.0009	0.0015	0.0012	0.0010	0.0008	0.0021	0.0012
Si-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-139	2.5388	2.4555	2.9734	2.4440	2.4915	2.1475	3.9891	1.8444
Sm-140	1.5251	1.3032	1.5309	1.4191	1.4701	1.1469	1.9651	1.0417
Sm-141	2.3066	2.1930	2.9176	2.2426	2.2814	1.9369	3.8646	1.5674
Sm-141m	4.3979	3.9478	5.6594	4.3996	4.3289	3.6323	7.3338	3.2349
Sm-142	0.7046	0.5434	0.4675	0.5991	0.6632	0.4422	0.5477	0.4446
Sm-143	0.4742	0.3683	0.3692	0.4209	0.4485	0.3123	0.4189	0.3108
Sm-143m	1.4371	1.4096	2.0068	1.5509	1.4220	1.1522	3.0041	1.5974
Sm-145	1.4563	1.1367	0.9456	1.2333	1.3752	0.9459	1.1484	0.9007
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	0.0009	0.0011	0.0011	0.0007	0.0007	0.0011	0.0015
Sm-153	1.0055	0.8642	0.7152	0.8405	0.9744	0.6985	0.9334	0.5977
Sm-155	1.1306	1.0641	0.9168	0.9529	1.1152	0.8745	1.3132	0.6113
Sm-156	1.1261	1.0010	1.1369	0.9758	1.0875	0.9054	1.4091	0.6717
Sm-157	1.9850	1.7788	2.3237	1.8129	1.9515	1.6736	3.0022	1.0973
Sn-106	3.7242	3.5592	4.5487	3.4032	3.5794	3.2340	5.8807	2.8414
Sn-108	3.5728	3.5003	4.1396	3.0401	3.4238	3.1588	5.1266	2.4496
Sn-109	3.2784	2.8023	4.4629	3.4605	3.1311	2.8294	5.3281	2.8942
Sn-110	2.2621	2.2206	2.2549	1.8190	2.1162	2.0126	2.6672	1.5412
Sn-111	0.6842	0.5899	0.7170	0.5635	0.6031	0.5905	0.7733	0.6384
Sn-113	0.7078	0.6198	0.6281	0.4859	0.5975	0.6148	0.5835	0.6564
Sn-113m	0.4918	0.4167	0.4343	0.3570	0.4121	0.4209	0.3799	0.4769
Sn-117m	1.9121	1.6949	2.4664	1.5870	1.8252	1.6816	2.7048	1.1644
Sn-119m	0.5735	0.4916	0.5166	0.4191	0.4715	0.4863	0.4561	0.5775

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.1826	0.1479	0.1510	0.1462	0.1504	0.1463	0.1403	0.1712
Sn-123	0.0098	0.0077	0.0175	0.0117	0.0096	0.0089	0.0152	0.0080
Sn-123m	1.3304	1.1967	1.9064	1.1608	1.3297	1.1789	2.2086	0.6143
Sn-125m	1.6570	1.7509	1.9073	1.5798	1.6387	1.4984	2.2904	0.9022
Sn-125	0.5122	0.4329	0.8366	0.5928	0.5052	0.4531	0.8763	0.4322
Sn-126	0.9698	0.8401	0.7549	0.7831	0.9180	0.7787	0.8558	0.7083
Sn-127m	1.8481	1.8501	2.6499	1.9585	1.8854	1.5435	4.2719	1.5004
Sn-127	3.2666	2.8759	4.9236	3.6062	3.2236	2.8367	5.8751	2.7424
Sn-128	3.6694	3.3673	4.0848	3.3198	3.4990	3.0822	5.5227	2.9705
Sn-129	1.9521	1.8813	2.7972	2.1472	1.9268	1.6723	3.8920	2.0543
Sn-130	3.7615	3.4964	4.4750	3.5054	3.6667	3.1953	6.1116	2.9034
Sn-130m	2.2960	2.0606	2.9532	2.3141	2.2289	1.9478	3.7188	1.9188
Sr-79	1.3690	1.3089	1.3596	1.1776	1.3124	1.1075	1.7874	0.8347
Sr-80	1.4175	1.4183	1.7891	1.3207	1.3235	1.2066	2.4876	1.2577
Sr-81	2.2049	2.0837	3.0361	2.1066	2.1894	1.9154	4.0075	1.3615
Sr-82	0.3341	0.3390	0.2861	0.2073	0.2292	0.2696	0.2728	0.3589
Sr-83	1.6498	1.6316	2.0665	1.5225	1.4982	1.3859	2.6369	1.5322
Sr-85	2.1525	2.1727	2.9063	2.1516	2.0878	1.7837	4.5754	1.8941
Sr-85m	1.5595	1.4846	1.6924	1.2519	1.5022	1.3723	2.2619	0.8715
Sr-87m	1.4040	1.4834	1.7968	1.2333	1.3842	1.2795	2.2250	0.7579
Sr-89	0.0001	0.0001	0.0003	0.0002	0.0001	0.0001	0.0003	0.0001
Sr-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sr-91	1.2516	1.1085	2.0531	1.4381	1.2385	1.1067	2.2103	1.1462
Sr-92	1.5215	1.3053	2.1750	1.7058	1.4737	1.2406	2.9987	1.5643
Sr-93	4.1148	3.8154	5.9124	4.4597	4.0657	3.5117	8.0585	3.8063
Sr-94	1.5106	1.3031	2.1449	1.7241	1.4681	1.2238	3.0418	1.5876
Ta-170	1.4735	1.3137	1.5790	1.4159	1.3721	1.2165	1.9043	1.1298
Ta-172	3.5818	3.1499	4.2420	3.5687	3.3976	3.0024	5.3051	2.8273
Ta-173	2.4662	2.1499	2.3779	2.3319	2.2642	2.0141	3.1433	1.9184
Ta-174	2.6460	2.3012	2.6975	2.4933	2.4721	2.1866	3.5907	1.9140
Ta-175	3.6615	3.2709	3.8400	3.5346	3.4674	3.0756	5.1535	2.6917
Ta-176	3.7123	3.1502	4.3848	3.9523	3.5134	3.0478	6.0039	3.3055
Ta-177	1.0763	0.9409	0.7744	0.9615	0.9679	0.8719	1.1386	0.7946
Ta-178	1.1221	0.9731	0.8280	1.0124	1.0036	0.9004	1.1719	0.8754
Ta-178m	7.5145	7.2948	7.8287	6.8169	7.2951	6.4390	10.2739	4.5724
Ta-179	0.5455	0.4688	0.3982	0.5058	0.4613	0.4243	0.5454	0.4758
Ta-180	0.9008	0.7831	0.6272	0.8012	0.8016	0.7224	0.8979	0.6898
Ta-182	3.1401	2.6923	3.8042	3.1914	2.9874	2.6345	4.6505	2.5982
Ta-182m	3.0797	2.7346	3.2977	2.8615	2.8289	2.5463	4.2344	2.0736
Ta-183	2.9642	2.7381	2.7740	2.6511	2.7183	2.4569	3.6749	2.0970
Ta-184	5.7800	5.5839	7.2688	5.5705	5.6078	5.0063	9.2730	4.1133
Ta-185	1.6167	1.4346	1.7317	1.4984	1.4826	1.3387	2.2086	1.1301

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Ta-186	5.3588	5.1431	6.7190	5.2937	5.2652	4.5514	9.6891	4.0774
Tb-146	3.1736	2.6643	4.5922	3.6819	3.1167	2.6321	5.7231	2.8580
Tb-147m	2.0185	1.6603	2.4156	2.1733	1.9405	1.5465	3.4373	1.8979
Tb-147	3.7028	3.1964	4.9600	3.9441	3.6061	3.0252	6.2728	3.1654
Tb-148m	7.0169	6.7910	9.6996	7.2673	6.9433	5.9124	12.9158	6.2317
Tb-148	3.0377	2.7628	4.0684	3.3185	2.9944	2.4405	5.9333	2.9624
Tb-149m	2.8671	2.6960	3.6523	2.9542	2.8115	2.2418	5.2499	2.8511
Tb-149	3.4118	3.1336	4.2463	3.3762	3.3494	2.8113	5.4731	2.5324
Tb-150m	7.3002	7.2050	9.7090	7.5110	7.2604	6.1156	14.0641	6.5191
Tb-150	3.4392	3.0702	4.2828	3.7608	3.3729	2.7576	6.4476	3.3033
Tb-151	4.4806	4.2322	4.9367	4.1292	4.3831	3.6374	6.7880	3.1380
Tb-151m	0.7086	0.6214	0.6906	0.6886	0.5826	0.5092	0.8257	0.7015
Tb-152m	4.0390	3.8625	4.3929	3.6578	3.9271	3.3553	5.7383	2.6114
Tb-152	3.1335	2.9113	3.6299	3.1058	3.0625	2.5959	4.7438	2.2585
Tb-153	2.4225	2.1152	2.3213	2.1416	2.3312	1.8493	2.9463	1.5370
Tb-154	3.4409	2.8340	3.9100	3.6705	3.3272	2.7023	5.7675	2.8727
Tb-155	2.2379	1.9417	1.8554	1.8936	2.1660	1.6497	2.3408	1.3455
Tb-156	5.3220	4.7571	6.5839	5.3315	5.2072	4.3022	8.7179	4.1164
Tb-156m	0.6241	0.5203	0.3573	0.4590	0.5969	0.4781	0.4948	0.3325
Tb-156n	0.1642	0.1342	0.1471	0.1726	0.1171	0.1006	0.1555	0.2023
Tb-157	0.1844	0.1486	0.1543	0.1847	0.1402	0.1121	0.1664	0.2029
Tb-158	2.4081	1.9917	3.0818	2.4599	2.3271	1.9250	3.0595	1.7920
Tb-160	2.5090	2.2082	3.5369	2.6558	2.4473	2.1523	3.7834	1.9685
Tb-161	0.8219	0.6846	0.6249	0.6843	0.7212	0.6178	0.6963	0.6877
Tb-162	3.3640	3.1741	4.2550	3.2117	3.2887	2.8705	5.3986	2.6377
Tb-163	3.2697	3.3551	4.2128	3.1588	3.2702	2.8564	5.8982	2.1884
Tb-164	5.5802	5.2146	7.4100	5.7596	5.4795	4.6853	10.2589	4.8958
Tb-165	1.2839	1.1254	1.8016	1.4088	1.2386	1.0501	2.4601	1.2277
Tc-101	1.7199	1.7935	1.9339	1.6312	1.6970	1.5384	2.4495	0.9968
Tc-102m	4.1512	3.8459	5.8969	4.5677	4.1434	3.5446	8.5610	3.6243
Tc-102	0.2042	0.1992	0.2953	0.2171	0.2060	0.1742	0.4345	0.1675
Tc-104	3.8515	3.6533	5.0781	4.0820	3.8243	3.3276	7.0749	2.9528
Tc-105	2.6726	2.5566	3.3023	2.5542	2.6321	2.3066	4.4788	1.8067
Tc-91	1.3643	1.1182	1.7706	1.5984	1.3342	1.1289	2.7463	1.2891
Tc-91m	1.2212	1.1974	1.7663	1.3122	1.2372	1.0171	2.7905	1.0425
Tc-92	5.8175	5.5454	7.5744	5.9387	5.7326	4.9157	10.4416	4.6867
Tc-93	1.8966	1.6694	2.4383	1.8784	1.7559	1.5653	3.3591	1.9068
Tc-93m	1.5747	1.5046	1.9121	1.4938	1.5255	1.3867	2.6749	1.0765
Tc-94	5.2144	4.9138	7.7790	5.5734	5.0826	4.4331	9.8317	5.2397
Tc-94m	1.9097	1.6848	2.9218	2.1247	1.8610	1.6351	3.4655	1.8100
Tc-95	2.0011	1.9623	2.6220	1.8936	1.8825	1.6664	3.6965	2.0958
Tc-95m	2.5755	2.4329	3.2158	2.3165	2.4506	2.2176	4.3193	2.0177
Tc-96	5.1028	4.8732	7.3963	5.3600	4.9573	4.2362	9.9176	5.3045

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Tc-96m	0.3329	0.3227	0.3212	0.2081	0.2756	0.2884	0.3955	0.2853
Tc-97	0.4525	0.4477	0.3748	0.2078	0.3518	0.4040	0.4240	0.3746
Tc-97m	0.3727	0.3659	0.3047	0.1812	0.2945	0.3281	0.3570	0.2960
Tc-98	3.0396	3.0340	4.3193	3.3207	3.0119	2.5378	6.4321	3.4314
Tc-99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Tc-99m	1.2717	1.1707	1.5489	1.1978	1.2530	1.0826	2.2974	0.5950
Te-113	1.6964	1.4456	2.4479	1.9136	1.6541	1.4414	3.1559	1.6063
Te-114	2.8995	2.5484	3.3438	2.7623	2.7290	2.4473	4.2202	2.4792
Te-115	2.6082	2.3240	3.5711	2.7587	2.5175	2.1977	4.6768	2.5014
Te-115m	2.9936	2.6226	4.1819	3.2827	2.9003	2.5196	5.5058	2.9213
Te-116	1.5988	1.3686	1.3606	1.2555	1.4314	1.3287	1.4070	1.3050
Te-117	2.2572	1.9962	2.9237	2.3646	2.1542	1.9060	3.8752	2.2277
Te-118	0.6916	0.5653	0.5700	0.5166	0.5833	0.5858	0.5133	0.6189
Te-119	2.2243	2.0835	2.7241	2.1983	2.0994	1.8953	3.6716	2.3151
Te-119m	3.8100	3.2888	5.0893	3.7068	3.6423	3.2921	5.8676	2.9414
Te-121	2.4440	2.3261	3.0552	2.3960	2.3523	2.0647	4.4328	2.2567
Te-121m	1.7696	1.5460	1.8425	1.4753	1.6581	1.5258	2.2553	1.0731
Te-123	0.0305	0.0248	0.0319	0.0364	0.0171	0.0174	0.0311	0.0492
Te-123m	1.6834	1.4708	2.1704	1.4421	1.6200	1.4654	2.4488	0.9219
Te-125m	1.1809	0.9287	0.8970	0.9231	1.0001	0.9718	0.8556	0.9649
Te-127	0.0217	0.0222	0.0279	0.0198	0.0216	0.0194	0.0371	0.0125
Te-127m	0.3789	0.2996	0.2939	0.3017	0.3159	0.3104	0.2805	0.3247
Te-129	0.3931	0.3571	0.4405	0.3632	0.3583	0.3262	0.5684	0.3283
Te-129m	0.3374	0.2797	0.3031	0.2856	0.2919	0.2783	0.3352	0.3039
Te-131	1.8813	1.7354	2.6084	1.8308	1.8708	1.6343	3.3690	1.1382
Te-131m	3.2949	3.0538	4.4509	3.4072	3.2248	2.7668	5.8627	2.9468
Te-132	2.2168	1.9572	2.0414	1.7691	2.0725	1.8974	2.6066	1.3296
Te-133	2.7060	2.6323	3.5305	2.7786	2.6723	2.3799	4.4738	1.9544
Te-133m	3.8365	3.4797	5.5768	4.1195	3.7750	3.3397	6.5739	3.2013
Te-134	3.3827	3.2129	4.1595	3.2279	3.3402	2.8652	5.7798	2.5647
Th-223	1.0564	0.9730	0.9374	0.8836	0.9664	0.8182	1.1332	0.7900
Th-224	0.1988	0.1826	0.2429	0.1710	0.1905	0.1702	0.2943	0.1120
Th-226	0.1350	0.1274	0.1237	0.1109	0.1131	0.1064	0.1577	0.1140
Th-227	1.3439	1.2863	1.2754	1.0917	1.1652	1.1017	1.5329	1.0719
Th-228	0.1011	0.0938	0.0928	0.0792	0.0745	0.0770	0.0972	0.1091
Th-229	1.6167	1.4769	1.4562	1.3428	1.3761	1.2394	1.6758	1.3935
Th-230	1.2874	1.3013	1.2043	1.1406	1.2878	1.2869	1.1795	1.1295
Th-231	0.8788	0.8076	0.7803	0.6639	0.6612	0.6842	0.7941	0.9284
Th-232	1.3330	1.3471	1.2902	1.3088	1.3281	1.3345	1.3712	1.2625
Th-233	0.3176	0.2908	0.3315	0.2921	0.2667	0.2439	0.4031	0.3073
Th-234	0.2031	0.1888	0.1610	0.1621	0.1744	0.1641	0.2011	0.1685
Th-235	0.1626	0.1622	0.2169	0.1629	0.1605	0.1379	0.3027	0.1388
Th-236	0.2456	0.2377	0.2519	0.2171	0.2248	0.2002	0.3443	0.1872

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Ti-44	1.9726	1.6756	1.3908	1.7003	2.0311	1.5997	1.8630	1.2263
Ti-45	0.0150	0.0128	0.0177	0.0177	0.0104	0.0097	0.0203	0.0217
Ti-51	1.6706	1.7503	1.9454	1.6380	1.6526	1.5101	2.2657	0.9363
Ti-52	1.4739	1.3718	1.4353	1.4461	1.3931	1.1948	2.6164	0.8156
Tl-190	2.3336	2.2993	2.9870	2.2573	2.3032	2.0241	3.9458	1.6892
Tl-190m	5.9850	5.8994	7.8765	6.0643	5.9104	5.1268	10.8851	5.1341
Tl-194	2.4125	2.3413	2.9230	2.3329	2.3648	2.0583	3.9209	1.8208
Tl-194m	7.5833	7.4540	9.5452	7.5998	7.4344	6.3819	13.6635	6.6823
Tl-195	3.0361	2.6674	3.4293	3.1100	2.8439	2.4547	4.5397	2.7256
Tl-196	3.8957	3.6211	4.7571	3.9500	3.8123	3.2955	6.6003	3.0813
Tl-197	2.2231	2.0140	2.2962	2.1251	2.1221	1.8098	3.0289	1.7638
Tl-198	4.2096	3.8639	5.1073	4.2626	4.0998	3.5556	6.9831	3.3608
Tl-198m	4.9690	4.8648	5.9468	4.8458	4.8118	4.1986	8.2696	4.1485
Tl-199	2.1139	1.9110	2.0391	1.9267	2.0058	1.7259	2.6613	1.5557
Tl-200	3.8814	3.6730	4.6333	3.8229	3.7642	3.2813	5.9850	3.0392
Tl-201	1.5066	1.3022	1.2790	1.3808	1.3814	1.1773	1.5960	1.2079
Tl-202	2.6594	2.5708	3.0276	2.5108	2.6000	2.2295	4.2284	1.9017
Tl-204	0.0234	0.0201	0.0183	0.0216	0.0210	0.0179	0.0227	0.0203
Tl-206m	7.9522	7.5998	10.4986	7.7836	7.8413	6.9458	13.4630	5.8674
Tl-206	0.0011	0.0010	0.0009	0.0010	0.0011	0.0009	0.0012	0.0009
Tl-207	0.0041	0.0036	0.0070	0.0048	0.0041	0.0036	0.0071	0.0037
Tl-208	3.7172	3.2376	4.6647	4.2514	3.6974	3.0945	8.0438	3.4747
Tl-209	4.5326	4.2753	5.7101	4.7290	4.5085	3.7532	8.6206	3.3858
Tl-210	4.9416	4.6004	6.4287	5.2042	4.8019	4.1457	8.7691	4.4222
Tm-161	4.2691	3.6978	3.9727	3.8883	4.0484	3.3793	5.4369	2.9530
Tm-162	2.5776	2.1978	2.9380	2.6796	2.4655	2.0644	4.1327	2.2452
Tm-163	3.8605	3.4203	3.9815	3.6356	3.6847	3.1114	5.4039	2.9626
Tm-164	0.9841	0.8307	0.9212	0.9268	0.9192	0.7647	1.2344	0.7766
Tm-165	3.1448	2.9198	3.0828	2.7618	3.0010	2.5852	4.1944	2.1642
Tm-166	3.9212	3.4155	4.5473	4.0022	3.7553	3.1551	6.4854	3.4820
Tm-167	1.7034	1.4669	1.4534	1.4517	1.5679	1.3432	1.9192	1.1082
Tm-168	4.4692	4.1112	5.3558	4.3403	4.3287	3.6479	7.3229	3.5990
Tm-170	0.0780	0.0660	0.0602	0.0717	0.0682	0.0567	0.0727	0.0681
Tm-171	0.0121	0.0103	0.0083	0.0106	0.0107	0.0094	0.0114	0.0093
Tm-172	0.7840	0.6605	1.0066	0.8463	0.7385	0.6308	1.2359	0.7199
Tm-173	1.6790	1.7480	2.1588	1.4985	1.6697	1.5147	2.7753	0.9183
Tm-174	6.3369	5.9346	8.4208	6.1384	6.2033	5.6584	9.2431	3.8752
Tm-175	2.9399	2.7986	4.2439	3.1417	2.9334	2.5119	5.7209	2.4079
Tm-176	4.3215	3.8505	5.6080	4.3991	4.2002	3.7108	6.8681	3.1398
U-227	1.2035	1.1527	1.1155	0.9575	1.1023	0.9890	1.4013	0.8488
U-228	0.1215	0.1147	0.1101	0.0902	0.0948	0.0959	0.1204	0.1172
U-230	0.1151	0.1086	0.1049	0.0836	0.0821	0.0904	0.1090	0.1257
U-231	1.8289	1.7130	1.5603	1.4109	1.5133	1.4262	1.7584	1.6337



<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
U-232	0.1033	0.0979	0.0933	0.0743	0.0711	0.0804	0.0955	0.1174
U-233	0.0547	0.0515	0.0498	0.0411	0.0375	0.0417	0.0507	0.0631
U-234	0.6668	0.6685	0.6596	0.5736	0.6608	0.6652	0.6287	0.5760
U-235	1.5597	1.5447	1.5798	1.4634	1.5447	1.5630	1.4819	1.5433
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	0.0843	0.0799	0.0762	0.0604	0.0574	0.0653	0.0770	0.0969
U-237	1.9470	1.8172	1.6895	1.5752	1.7411	1.5998	2.2191	1.3834
U-238	1.1458	1.1571	1.0615	1.1637	1.1393	1.1608	1.0911	1.0638
U-239	0.6842	0.5907	0.5211	0.5650	0.6727	0.5423	0.6465	0.4750
U-240	0.3143	0.2944	0.2812	0.2354	0.2314	0.2429	0.3047	0.3271
U-242	0.2824	0.2648	0.2701	0.2523	0.2758	0.2442	0.3936	0.1939
V-47	0.0123	0.0102	0.0148	0.0136	0.0108	0.0096	0.0206	0.0122
V-48	3.2069	2.5865	5.3733	3.7822	3.1158	2.8019	5.4195	2.9020
V-49	0.0836	0.0679	0.0880	0.1012	0.0459	0.0467	0.0861	0.1373
V-50	1.5000	1.3184	2.1059	1.7393	1.4461	1.2083	2.9265	1.5363
V-52	1.4539	1.2378	2.0646	1.6670	1.4107	1.1751	2.9085	1.5177
V-53	1.5797	1.2173	2.9859	1.9272	1.5623	1.4899	2.2226	1.1254
W-177	4.7939	4.3736	5.0722	4.6267	4.5139	4.0142	6.7961	3.4623
W-178	0.4072	0.3477	0.3250	0.4026	0.3215	0.3019	0.4151	0.4180
W-179	1.2301	1.0369	0.8916	1.1378	1.0409	0.9662	1.1940	1.0497
W-179m	0.8457	0.7448	0.6625	0.7710	0.7513	0.6936	0.9383	0.6596
W-181	0.8026	0.6956	0.5707	0.7345	0.7006	0.6452	0.8171	0.6542
W-185m	0.7085	0.6020	0.7032	0.7631	0.5123	0.4861	0.8255	0.8450
W-185	0.0008	0.0007	0.0006	0.0007	0.0007	0.0006	0.0010	0.0005
W-187	1.6734	1.6155	2.0369	1.7099	1.6464	1.4036	3.1177	1.4601
W-188	0.0144	0.0139	0.0140	0.0128	0.0135	0.0125	0.0185	0.0094
W-190	2.0906	1.8537	2.0509	1.9091	1.9441	1.7727	2.7006	1.4133
Xe-120	2.5782	2.2339	2.6261	2.2755	2.3844	2.1657	3.1411	1.9911
Xe-121	2.1149	1.8237	2.3530	2.0736	2.0185	1.7883	3.2064	1.5696
Xe-122	0.9936	0.8191	0.8288	0.8230	0.8793	0.8301	0.9017	0.6943
Xe-123	2.0659	1.7642	2.3769	1.8940	1.9531	1.7664	2.8326	1.2840
Xe-125	2.4744	2.1250	2.4382	2.0592	2.3003	2.1125	2.9680	1.5280
Xe-127	2.5586	2.2176	2.7057	2.1852	2.4127	2.1997	3.2847	1.4315
Xe-127m	1.9714	1.7159	1.9945	1.8366	1.8734	1.6309	2.9758	1.0442
Xe-129m	1.3618	1.0221	0.9433	1.1247	1.1779	1.0769	1.0030	0.9343
Xe-131m	0.5720	0.4298	0.4079	0.4762	0.4888	0.4561	0.4275	0.4052
Xe-133	0.8802	0.6796	0.5965	0.7415	0.8387	0.6753	0.6671	0.5522
Xe-133m	0.7037	0.5563	0.5304	0.5755	0.6169	0.5737	0.6025	0.4765
Xe-135	1.5539	1.5336	1.5446	1.1846	1.5006	1.3827	2.1528	0.9451
Xe-135m	1.6101	1.5880	2.2156	1.6945	1.6209	1.3400	3.5564	1.3747
Xe-137	0.6184	0.6251	0.8646	0.6239	0.6262	0.5334	1.2862	0.4430
Xe-138	1.9971	1.8158	2.3835	1.9802	1.9395	1.7254	3.4355	1.4415
Y-81	1.5944	1.5039	1.5811	1.4198	1.5237	1.3096	2.3552	0.9673

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Y-83	1.1540	1.0587	1.3806	1.0738	1.0628	0.9555	1.7650	0.9949
Y-83m	1.4673	1.4893	1.6354	1.1996	1.4120	1.3004	2.2567	0.9525
Y-84m	5.0198	4.4187	8.1753	5.7672	4.9594	4.3694	9.1017	4.6440
Y-85	1.4467	1.4355	2.0590	1.4973	1.4381	1.2128	3.1524	1.2243
Y-85m	1.2855	1.1636	1.6068	1.2787	1.2208	1.0908	2.2714	1.1237
Y-86	5.1547	4.5691	7.6123	5.6979	5.0126	4.4578	9.3705	4.7360
Y-86m	1.4418	1.2977	1.6525	1.2376	1.4041	1.2590	2.1646	0.7176
Y-87	2.0647	2.0927	2.7439	1.9785	1.9948	1.7373	4.2088	1.7022
Y-87m	1.3574	1.4338	1.7033	1.1923	1.3338	1.2371	2.0971	0.7398
Y-88	3.2471	2.7148	4.5173	3.6258	3.0951	2.7815	5.6947	2.9455
Y-89m	1.5337	1.3130	2.6658	1.8006	1.5216	1.3664	2.5978	1.3321
Y-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Y-90m	3.1558	3.0244	4.1043	3.0136	3.1559	2.7079	6.0497	1.9854
Y-91	0.0039	0.0032	0.0060	0.0044	0.0038	0.0032	0.0074	0.0041
Y-91m	1.6822	1.6955	2.3968	1.8023	1.6993	1.4174	3.8048	1.5600
Y-92	0.4173	0.3660	0.6806	0.4781	0.4143	0.3656	0.7575	0.3602
Y-93	0.2073	0.1930	0.2508	0.1985	0.2023	0.1836	0.3220	0.1468
Y-94	1.2132	1.0382	2.0257	1.4164	1.2028	1.0730	2.1195	1.0471
Y-95	0.9024	0.6967	1.2324	1.1247	0.8854	0.7473	1.7921	0.8524
Yb-162	2.2554	2.0211	2.2697	2.0330	2.1426	1.8303	3.1475	1.4197
Yb-163	1.6829	1.4689	1.7364	1.6355	1.5535	1.3514	2.2491	1.3683
Yb-164	0.8393	0.7139	0.5703	0.6965	0.7605	0.6471	0.7765	0.5849
Yb-165	2.3173	1.9538	1.8864	2.0900	2.0933	1.7606	2.3260	1.8296
Yb-166	1.5571	1.3139	1.0239	1.2850	1.4254	1.1919	1.3692	1.0757
Yb-167	3.5453	3.1198	2.8773	3.1077	3.2668	2.7717	4.0642	2.3290
Yb-169	4.0981	3.6046	3.3749	3.5320	3.8330	3.3452	4.7057	2.5270
Yb-175	0.2267	0.2266	0.2474	0.1997	0.2207	0.1988	0.3282	0.1281
Yb-177	0.7202	0.6283	0.9253	0.7093	0.6991	0.6151	1.1385	0.4612
Yb-178	0.1812	0.1881	0.2201	0.1653	0.1776	0.1616	0.2719	0.1017
Yb-179	3.0180	3.0191	4.0820	3.1502	3.0017	2.5956	5.9704	2.7117
Zn-60	1.6700	1.6564	2.0426	1.6913	1.6396	1.4498	2.9552	1.5187
Zn-61	0.7309	0.6594	1.0091	0.8168	0.7273	0.6136	1.5185	0.6325
Zn-62	1.6515	1.5544	2.0214	1.7243	1.5215	1.2596	2.9125	1.6204
Zn-63	0.2779	0.2489	0.4303	0.3198	0.2660	0.2376	0.4945	0.2792
Zn-65	1.0563	0.8428	1.6371	1.2587	0.9100	0.8454	1.5588	1.1405
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zn-69m	1.6772	1.7349	2.3062	1.6220	1.6894	1.4682	3.3106	1.1022
Zn-71	0.9291	0.9063	1.3625	0.9991	0.9405	0.7890	1.9997	0.7531
Zn-71m	5.0474	5.1156	7.0326	5.1467	5.0769	4.3873	10.1275	3.9393
Zn-72	1.8081	1.6156	2.1755	1.7614	1.6261	1.4366	2.8397	1.2873
Zr-85	1.5376	1.5402	2.1121	1.5154	1.5356	1.3394	2.9798	1.1020
Zr-86	2.5179	2.4442	2.4189	1.7678	2.2550	2.2202	3.0767	1.7989
Zr-87	0.1770	0.1588	0.2218	0.1580	0.1548	0.1508	0.2645	0.1765

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Zr-88	1.9773	2.0721	2.4170	1.6042	1.8716	1.7949	2.9360	1.1984
Zr-89	1.8440	1.6215	2.9383	1.9636	1.7509	1.6378	2.8769	1.6342
Zr-89m	1.5918	1.5904	2.2414	1.7112	1.5872	1.3524	3.4261	1.5918
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	1.4902	1.4794	2.1341	1.6272	1.4773	1.2173	3.2054	1.6925
Zr-97	1.7980	1.7646	2.5725	1.9506	1.7816	1.4834	3.7829	1.9342

Table 12: Composite 1 - 15 cm Contamination Thickness for 400x400x40 ft room

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Ac-223	0.1576	0.1445	0.2314	0.1790
Ac-224	2.1100	1.5155	2.4986	1.7450
Ac-225	0.1930	0.1772	0.2839	0.2479
Ac-226	1.0203	0.7138	1.2499	1.1029
Ac-227	0.0224	0.0309	0.0443	0.0450
Ac-228	1.8895	1.4592	2.5887	1.6200
Ac-230	0.8454	0.6517	1.1609	0.8067
Ac-231	2.6108	2.0762	3.3041	2.2595
Ac-232	1.3385	0.9760	1.9900	1.3205
Ac-233	1.7495	1.4128	1.2811	1.1503
Ag-100m	2.7064	2.0442	2.9300	2.1563
Ag-101	2.2145	1.8427	2.4529	2.2207
Ag-102m	1.7732	1.3226	2.2914	1.5173
Ag-102	4.3012	3.3012	4.3593	3.3258
Ag-103	2.0979	1.5934	2.1840	1.7405
Ag-104	5.1431	3.9226	5.4696	3.8440
Ag-104m	2.2113	1.7656	2.1519	1.6445
Ag-105	2.4311	2.1890	3.1798	2.0943
Ag-105m	0.0112	0.0137	0.0185	0.0120
Ag-106	0.4908	0.4337	0.4424	0.3865
Ag-106m	6.4482	5.0343	7.1625	5.0016
Ag-108	0.0490	0.0435	0.0491	0.0384
Ag-108m	4.7267	3.9025	5.3032	3.6793
Ag-109m	0.2367	0.2371	0.2916	0.2390
Ag-110	0.0697	0.0576	0.0573	0.0467
Ag-110m	4.7987	3.5969	5.2038	3.4918
Ag-111	0.1292	0.1128	0.1886	0.1044
Ag-111m	0.1300	0.1331	0.1567	0.1437
Ag-112	1.1056	0.8768	1.0640	0.8307
Ag-113m	0.9088	0.7803	1.2058	0.6841
Ag-113	0.2832	0.2468	0.3432	0.2253
Ag-114	0.5097	0.3989	0.4659	0.3622
Ag-115	0.9704	0.6941	1.2301	0.9233
Ag-116	2.9641	2.1986	3.3700	2.2892
Ag-117	1.8972	1.3096	2.7507	1.5828
Ag-99	2.7942	2.1976	3.2774	2.8494
Al-26	1.4230	0.9076	2.3553	1.6127
Al-28	1.3862	0.9072	2.1416	1.6032
Al-29	1.4314	1.0057	2.0002	1.1150
Am-237	2.4628	2.0018	2.6195	2.0758
Am-238	2.4764	1.8676	2.8298	1.8056
Am-239	2.4036	1.8735	2.3664	1.9233

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Am-240	2.5710	1.9249	3.5331	1.9818
Am-241	0.7446	0.7632	0.7113	0.6203
Am-242	0.2682	0.2498	0.3165	0.2755
Am-242m	0.1223	0.1519	0.2056	0.2059
Am-243	0.8247	0.7622	1.3011	0.7558
Am-244	2.2497	1.7822	2.6815	1.9372
Am-244m	0.0915	0.0961	0.1396	0.1185
Am-245	0.2897	0.2371	0.2686	0.2870
Am-246	2.9448	2.2944	3.3252	2.5449
Am-246m	1.6930	1.2485	2.3773	1.3427
Am-247	1.1054	0.8853	1.0684	0.8915
Ar-37	0.0074	0.0111	0.0147	0.0103
Ar-39	0.0000	0.0000	0.0000	0.0000
Ar-41	1.4037	1.0166	1.7839	1.0953
Ar-42	0.0000	0.0000	0.0000	0.0000
Ar-43	1.7883	1.2493	2.5833	1.4823
Ar-44	2.4789	1.4650	3.5657	2.3421
As-68	3.4599	2.4767	4.7153	2.7419
As-69	0.4642	0.3385	0.5936	0.4622
As-70	4.5249	3.2348	6.2433	3.5918
As-71	1.4838	0.8567	1.9585	1.1250
As-72	1.4864	1.0446	1.8045	1.0866
As-73	0.3485	0.4802	0.6039	0.4813
As-74	1.2372	1.0647	0.9750	0.8429
As-76	1.0240	0.8202	0.8427	0.6836
As-77	0.0455	0.0360	0.0451	0.0533
As-78	2.0770	1.6018	2.1826	1.5350
As-79	0.0998	0.0790	0.1492	0.0812
At-204	6.4898	5.2622	7.1510	4.8460
At-205	2.7026	2.1888	3.4728	2.1237
At-206	6.4675	5.1289	8.2380	5.1964
At-207	4.4360	3.5018	5.6788	3.5496
At-208	6.8911	5.2001	8.2825	5.1642
At-209	6.4408	4.9202	7.3193	4.8791
At-210	5.1870	4.1179	6.6439	5.3800
At-211	0.4686	0.4289	0.7927	0.4244
At-215	0.0007	0.0006	0.0015	0.0008
At-216	0.0271	0.0237	0.0397	0.0233
At-217	0.0014	0.0013	0.0017	0.0017
At-218	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000
At-220	2.2251	1.8560	2.6412	2.4915
Au-186	3.1551	2.2728	4.1235	2.5104

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Au-187	2.3497	1.9229	3.1944	2.1786
Au-190	3.9433	3.2562	5.5409	3.4419
Au-191	3.0553	2.6135	3.8752	2.7791
Au-192	3.6063	2.9581	5.0923	2.9582
Au-193	1.6493	1.4310	2.1621	1.5871
Au-193m	1.3759	1.2602	1.5895	1.9252
Au-194	2.8166	2.4119	3.8708	2.2762
Au-195	1.2010	1.1273	1.6340	1.1419
Au-195m	1.3893	1.2787	1.6271	1.8780
Au-196	2.6746	2.3850	4.1914	2.1945
Au-196m	2.4107	1.8027	3.2554	2.1441
Au-198	1.6219	1.3337	3.0493	1.6375
Au-198m	4.2772	2.8710	5.3753	3.2870
Au-199	0.8500	0.4956	1.1515	0.7235
Au-200	0.5509	0.4408	0.8769	0.4529
Au-200m	7.3612	5.7283	8.1220	6.1579
Au-201	0.1426	0.1210	0.1575	0.1158
Au-202	0.3767	0.2894	0.5354	0.3074
Ba-124	1.5552	1.1664	2.5662	1.5626
Ba-126	2.1065	1.6745	3.1389	2.2244
Ba-127	0.8021	0.5857	1.3644	0.7912
Ba-128	0.7810	0.6915	1.5514	1.0175
Ba-129	0.8745	0.6809	1.5504	0.9723
Ba-129m	4.3129	3.1325	6.1624	3.7619
Ba-131	2.7629	2.1643	3.6123	2.4581
Ba-131m	1.0081	0.7432	1.3334	0.7432
Ba-133	2.8189	2.4630	5.1842	2.7123
Ba-133m	0.6989	0.6319	1.3369	0.9115
Ba-135m	0.6397	0.5656	1.2388	0.8616
Ba-137m	1.3876	1.1418	1.2137	0.9562
Ba-139	0.3495	0.1686	0.4826	0.2837
Ba-140	0.8219	0.6682	0.9640	0.6733
Ba-141	2.8153	2.0771	3.5460	2.2361
Ba-142	2.4287	1.8592	3.4793	2.2611
Be-10	0.0000	0.0000	0.0000	0.0000
Be-7	0.1941	0.1547	0.1916	0.1423
Bi-197	3.1162	2.4335	4.3580	2.5371
Bi-200	7.2268	5.7862	10.5502	6.4585
Bi-201	3.1666	2.4425	4.5138	2.7140
Bi-202	6.4244	5.0398	9.1957	5.2399
Bi-203	4.0193	3.0253	5.5991	3.5324
Bi-204	6.2886	4.8181	9.5657	5.1328
Bi-205	2.9857	2.3403	4.1027	2.6369

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Bi-206	7.5619	5.7508	9.3101	5.8788
Bi-207	3.7110	2.9802	4.5565	2.7760
Bi-208	1.8958	1.3115	3.8966	1.9606
Bi-210	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.4501	1.2975	1.6863	1.5314
Bi-211	0.2338	0.2055	0.3830	0.1792
Bi-212n	0.0000	0.0000	0.0000	0.0000
Bi-212	0.2072	0.1721	0.2411	0.1993
Bi-213	0.5234	0.4278	0.7774	0.4591
Bi-214	1.9785	1.4775	2.3649	1.6100
Bi-215	1.0285	0.8905	1.3158	0.8781
Bi-216	2.5544	2.0812	2.6807	1.9158
Bk-245	2.2398	1.7619	2.0196	1.8680
Bk-246	2.4710	1.8776	2.7415	1.8871
Bk-247	1.2793	1.0560	1.4804	1.1433
Bk-248m	0.4519	0.3747	0.4147	0.3446
Bk-249	0.0000	0.0000	0.0000	0.0000
Bk-250	1.4612	1.0551	2.4259	1.1160
Bk-251	1.0367	0.7861	0.9524	0.7558
Br-72	2.8681	2.0409	3.9186	2.2910
Br-73	1.4900	1.2101	1.8466	1.2083
Br-74	3.1224	2.4206	4.0297	2.6798
Br-74m	3.9410	3.0694	4.3804	3.0762
Br-75	2.0454	1.7698	2.4556	1.9304
Br-76	2.9740	2.3008	3.4578	2.4094
Br-76m	0.6261	0.6909	0.8009	1.0901
Br-77	1.3695	1.1782	1.4697	1.4811
Br-77m	0.2523	0.2441	0.3382	0.3774
Br-78	0.2238	0.1943	0.1836	0.1656
Br-80	0.1353	0.1185	0.1146	0.1037
Br-80m	0.4785	0.5379	0.8925	1.0064
Br-82m	0.1068	0.1558	0.2446	0.3397
Br-82	5.0906	3.8453	5.0296	3.6078
Br-83	0.0237	0.0190	0.0171	0.0154
Br-84m	4.6290	3.4835	6.4186	4.1647
Br-84	1.6186	1.1132	2.4987	1.3769
Br-85	0.1082	0.0741	0.1413	0.0816
C-10	1.5007	1.1377	1.4027	1.0199
C-11	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0132	0.0198	0.0262	0.0184
Ca-45	0.0000	0.0000	0.0000	0.0000
Ca-47	1.2789	0.9312	1.5512	0.9844

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Ca-49	1.3939	1.2341	2.3055	1.1819
Cd-101	2.6531	1.9276	3.2363	2.1279
Cd-102	2.5196	2.0430	2.7486	1.9705
Cd-103	2.1948	1.6710	3.0523	2.0902
Cd-104	1.5180	1.3553	1.8453	1.2349
Cd-105	1.5015	1.1790	2.0778	1.3935
Cd-107	0.6771	0.6869	0.8091	0.7083
Cd-109	0.6245	0.6404	0.7570	0.6642
Cd-111m	2.0417	1.6202	2.1461	2.6616
Cd-113	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0007	0.0006	0.0007	0.0008
Cd-115	0.7251	0.5854	0.5629	0.5181
Cd-115m	0.0505	0.0356	0.0699	0.0367
Cd-117	2.0224	1.6065	2.5867	1.8653
Cd-117m	2.3773	1.6175	3.6849	1.9719
Cd-118	0.0000	0.0000	0.0000	0.0000
Cd-119	2.4133	1.8325	3.3340	2.1506
Cd-119m	2.7585	1.9101	4.2332	2.3262
Ce-130	2.4172	1.8423	3.3676	2.2284
Ce-131	3.0902	2.3453	4.4074	2.8658
Ce-132	2.1921	1.3714	3.3529	2.0174
Ce-133	1.7548	1.4275	2.8455	1.6669
Ce-133m	4.4943	3.5353	5.7626	3.9719
Ce-134	0.5756	0.5092	1.2497	0.7825
Ce-135	3.2725	2.7142	4.0462	3.1322
Ce-137	0.6364	0.5755	1.3590	0.8541
Ce-137m	0.6190	0.5506	1.0131	0.8605
Ce-139	1.6418	0.9909	2.6725	1.6083
Ce-141	0.7610	0.4526	0.8403	0.5926
Ce-143	1.5863	1.3989	2.0413	1.5827
Ce-144	0.2284	0.1653	0.2401	0.1820
Ce-145	2.6114	2.1177	3.2936	2.4065
Cf-244	0.0460	0.0565	0.0756	0.0748
Cf-246	0.0319	0.0389	0.0520	0.0513
Cf-247	1.2822	1.0899	1.2757	1.0652
Cf-248	0.0386	0.0469	0.0627	0.0616
Cf-249	1.5442	1.3304	2.7697	1.5066
Cf-250	0.0448	0.0473	0.0678	0.0598
Cf-251	1.2353	0.9036	1.2577	0.9683
Cf-252	0.7526	0.5746	0.9885	0.6487
Cf-253	0.1105	0.1304	0.1696	0.1587
Cf-254	26.6119	19.8289	34.6661	22.1745
Cf-255	0.0000	0.0000	0.0000	0.0000



<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Cl-34	0.0000	0.0000	0.0000	0.0000
Cl-34m	1.5011	0.8896	2.5000	1.2866
Cl-36	0.0001	0.0002	0.0002	0.0001
Cl-38	1.0308	0.6349	1.8344	1.1682
Cl-39	2.0991	1.6447	2.3280	2.3592
Cl-40	2.7527	2.0242	3.9203	2.7116
Cm-238	0.9659	0.7258	0.8299	0.6155
Cm-239	2.3292	1.4135	2.4527	1.5375
Cm-240	0.0477	0.0601	0.0832	0.0885
Cm-241	2.9181	2.3476	3.0615	2.3037
Cm-242	0.0428	0.0539	0.0746	0.0795
Cm-243	1.2114	0.9807	1.2707	1.1005
Cm-244	0.0367	0.0462	0.0641	0.0683
Cm-245	1.2132	0.8940	1.1756	0.8580
Cm-246	0.0350	0.0412	0.0585	0.0592
Cm-247	1.3210	1.0912	2.5552	1.3712
Cm-248	2.1019	1.5802	2.7493	1.7790
Cm-249	0.0809	0.0815	0.0950	0.0706
Cm-250	20.9926	15.6463	27.3755	17.5157
Cm-251	0.4438	0.3571	0.4247	0.3210
Co-54m	4.4384	3.3625	6.7876	3.9966
Co-55	2.0112	1.4525	2.6962	1.5267
Co-56	3.7263	2.6071	5.4369	2.9658
Co-57	1.3439	0.9852	0.9495	0.7818
Co-58	1.5753	1.1076	1.8145	1.1437
Co-58m	0.0531	0.0797	0.1053	0.0741
Co-60	2.8589	2.0539	3.8295	2.2283
Co-60m	0.0793	0.1063	0.1366	0.1016
Co-61	0.8848	0.7823	1.1327	0.7805
Co-62	1.6681	1.1341	2.6868	1.3021
Co-62m	2.9617	2.0195	4.6676	2.3143
Cr-48	2.7717	2.2272	2.7808	1.4775
Cr-49	1.1127	0.7410	1.3050	0.7116
Cr-51	0.1871	0.1869	0.2690	0.1235
Cr-55	0.0006	0.0005	0.0006	0.0007
Cr-56	1.3122	1.1361	2.0151	0.9989
Cs-121	1.0425	0.7412	1.3783	0.9357
Cs-121m	1.9269	1.2913	2.6238	1.6262
Cs-123	1.4251	1.1394	1.8519	1.1483
Cs-124	0.6199	0.5095	1.0041	0.5137
Cs-125	1.3161	1.0629	1.7180	1.1302
Cs-126	1.0553	0.8578	1.9196	1.0322
Cs-127	2.0601	1.7065	3.6325	2.1033

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Cs-128	0.7389	0.6051	1.1666	0.7077
Cs-129	1.7818	1.5361	3.4330	1.9355
Cs-130m	1.1570	0.9983	2.2787	1.2345
Cs-130	0.3930	0.3402	0.7377	0.4598
Cs-131	0.5238	0.4686	1.1587	0.6918
Cs-132	2.0594	1.7161	2.4422	1.7159
Cs-134	3.4864	2.6757	3.1280	2.3625
Cs-134m	0.4144	0.3473	0.6750	0.4235
Cs-135	0.0000	0.0000	0.0000	0.0000
Cs-135m	2.9964	2.0522	3.4669	2.1224
Cs-136	4.3124	3.0995	6.0260	3.1713
Cs-137	2.0578	2.0481	2.0732	2.2106
Cs-138m	1.1859	0.8876	1.7496	1.1273
Cs-138	2.9708	2.1660	3.9739	2.6253
Cs-139	0.2925	0.2073	0.4121	0.2542
Cs-140	2.0205	1.4992	2.5638	1.6359
Cu-57	0.1494	0.1047	0.2290	0.1087
Cu-59	0.7609	0.5755	1.0140	0.5843
Cu-60	2.8649	2.0209	3.9652	2.5763
Cu-61	0.5715	0.4962	0.6651	0.4942
Cu-62	0.0102	0.0083	0.0161	0.0087
Cu-64	0.0383	0.0525	0.0708	0.0500
Cu-66	0.1418	0.0976	0.2356	0.1009
Cu-67	0.9126	0.4825	1.1423	0.5676
Cu-69	0.8870	0.6348	1.1820	0.6379
Dy-148	2.1402	1.8861	1.7266	1.7189
Dy-149	3.2060	2.5248	3.5614	2.9004
Dy-150	1.4305	1.2459	2.5310	1.5816
Dy-151	3.2521	2.6027	3.8873	2.8771
Dy-152	2.1177	1.9343	2.0739	2.9575
Dy-153	3.5372	2.9838	3.8263	3.4813
Dy-154	0.0000	0.0000	0.0000	0.0000
Dy-155	2.5523	2.0024	2.7882	2.6559
Dy-157	2.1770	1.9984	2.7012	1.6513
Dy-159	0.7723	0.7598	0.7028	0.9089
Dy-165m	0.1785	0.1701	0.1847	0.1656
Dy-165	0.1693	0.1478	0.1686	0.1421
Dy-166	0.6053	0.5861	0.6825	0.6041
Dy-167	2.2082	1.9019	2.0906	1.9960
Dy-168	1.9003	1.4233	2.0772	1.5086
Er-154	0.8417	0.8383	0.9063	0.9582
Er-156	1.0241	1.0108	1.2718	1.1877
Er-159	2.5205	2.0768	2.4460	2.1307

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Er-161	2.5891	2.0229	2.8719	2.1865
Er-163	0.6272	0.6282	0.5568	0.6942
Er-165	0.6027	0.6047	0.5351	0.6681
Er-167m	0.7212	0.4538	0.8437	0.6126
Er-169	0.0016	0.0023	0.0030	0.0022
Er-171	2.3133	2.0272	2.4875	1.6245
Er-172	2.1220	1.8489	2.6156	1.8855
Er-173	3.2738	2.0795	3.6927	2.2254
Es-249	2.2378	1.7598	2.7489	1.7246
Es-250	5.6340	4.6012	6.4295	4.5705
Es-250m	1.8242	1.3707	1.9765	1.2981
Es-251	1.2241	0.9860	1.1509	0.9569
Es-253	0.0138	0.0161	0.0220	0.0204
Es-254	0.4348	0.5316	0.7102	0.6857
Es-254m	1.2484	1.0642	1.1488	0.9514
Es-255	0.0011	0.0008	0.0014	0.0009
Es-256	0.0743	0.0848	0.1096	0.1013
Eu-142	0.3452	0.2497	0.4191	0.3158
Eu-142m	5.2425	3.9124	5.9539	3.7118
Eu-143	0.5567	0.4278	0.7137	0.5753
Eu-144	0.2530	0.1984	0.2870	0.2983
Eu-145	2.4020	1.8379	2.9351	2.2183
Eu-146	4.6919	3.6989	4.8046	3.7840
Eu-147	2.0892	1.5884	2.1701	1.8547
Eu-148	5.8726	4.8152	5.4792	4.5487
Eu-149	0.8177	0.7734	0.8649	0.9905
Eu-150	5.4192	4.5498	6.7309	4.3159
Eu-150m	0.1961	0.1713	0.2778	0.1895
Eu-152	2.9678	2.3373	3.5631	2.5557
Eu-152m	0.7824	0.5989	0.9339	0.6612
Eu-152n	0.9809	0.8049	1.2081	0.6774
Eu-154	2.5992	1.9191	2.8523	1.9329
Eu-154m	1.0408	0.9108	1.2720	0.9476
Eu-155	0.7777	0.6171	0.8346	0.5261
Eu-156	1.6246	1.1413	2.3702	1.3113
Eu-157	1.6747	1.4932	2.1805	1.6624
Eu-158	2.1343	1.5377	3.1039	1.6529
Eu-159	1.6688	1.4404	1.7678	1.5771
F-17	0.0005	0.0004	0.0007	0.0004
F-18	0.0000	0.0000	0.0000	0.0000
Fe-52	1.3137	0.5873	1.7057	0.9757
Fe-53	0.6913	0.5822	1.3191	0.6516
Fe-53m	4.2219	3.0579	5.4954	3.1687

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Fe-55	0.0439	0.0659	0.0872	0.0613
Fe-59	1.5048	1.0526	2.1705	1.1100
Fe-60	0.0000	0.0000	0.0000	0.0000
Fe-61	2.0352	1.4803	2.9369	1.5542
Fe-62	1.9155	1.5173	1.3659	1.2416
Fm-251	1.3088	1.0179	1.2127	0.9240
Fm-252	0.0365	0.0428	0.0556	0.0526
Fm-253	0.9087	0.8061	0.9550	0.8351
Fm-254	0.0476	0.0512	0.0701	0.0620
Fm-255	0.3669	0.4402	0.5906	0.5621
Fm-256	19.7904	14.7457	25.7208	16.4554
Fm-257	1.3415	1.0646	1.3452	1.1625
Fr-212	2.7178	2.0811	3.5798	2.4225
Fr-219	0.0173	0.0141	0.0240	0.0129
Fr-220	0.1285	0.1177	0.2039	0.1456
Fr-221	0.2060	0.1375	0.2606	0.2023
Fr-222	1.1191	0.7095	1.3780	0.9628
Fr-223	0.6342	0.6142	0.7740	0.7322
Fr-224	1.4737	1.0155	1.7498	1.2747
Fr-227	2.2263	1.7629	2.6098	1.6388
Ga-64	2.1188	1.4857	3.3537	1.7887
Ga-65	1.2589	0.8947	1.1196	0.7793
Ga-66	1.4303	1.0341	2.4720	1.2712
Ga-67	1.2332	0.9502	1.6254	0.8685
Ga-68	0.0639	0.0529	0.1063	0.0538
Ga-70	0.0140	0.0090	0.0221	0.0102
Ga-72	3.3020	2.2337	4.6308	2.6599
Ga-73	1.8026	1.6915	2.2766	1.5027
Ga-74	3.7548	2.7494	4.7856	3.0303
Gd-142	1.3530	1.0598	1.4886	1.2483
Gd-143m	3.7349	3.0751	4.1403	3.7958
Gd-144	0.8373	0.6904	1.1003	0.8544
Gd-145m	1.5223	1.2083	1.5651	1.1314
Gd-145	2.1273	1.5324	3.1953	2.2684
Gd-146	3.1408	2.3957	2.7765	2.7573
Gd-147	4.4605	3.5152	5.7600	4.3188
Gd-148	0.0000	0.0000	0.0000	0.0000
Gd-149	2.9216	2.3339	3.2686	2.6083
Gd-150	0.0000	0.0000	0.0000	0.0000
Gd-151	0.9342	0.8360	0.9619	1.1179
Gd-152	0.0000	0.0000	0.0000	0.0000
Gd-153	1.5627	1.3238	1.4267	1.4626
Gd-159	0.3617	0.3305	0.4902	0.3571

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Gd-162	1.7196	1.4204	2.8941	1.6474
Ge-66	2.1206	1.7891	2.7501	1.9415
Ge-67	1.5311	0.7925	1.9848	1.1813
Ge-68	0.1078	0.1620	0.2147	0.1531
Ge-69	1.1914	0.9321	1.6193	0.9125
Ge-71	0.1093	0.1643	0.2177	0.1553
Ge-75	0.2026	0.1720	0.2180	0.2570
Ge-77	3.4954	2.6302	4.2802	3.3311
Ge-78	1.5571	1.3896	1.7297	1.7505
H-3	0.0000	0.0000	0.0000	0.0000
Hf-167	1.4812	1.3490	1.7472	0.9964
Hf-169	2.5237	2.1440	2.3016	1.9781
Hf-170	2.6200	2.1351	2.4994	2.1115
Hf-172	1.5705	1.5065	1.5650	1.5054
Hf-173	3.2170	2.6168	2.8816	2.3233
Hf-174	0.0000	0.0000	0.0000	0.0000
Hf-175	2.2130	2.0306	2.9722	1.8064
Hf-177m	13.3224	10.7231	15.8843	11.2872
Hf-178m	10.6675	8.4454	12.4129	8.4540
Hf-179m	5.4355	4.2985	6.7886	4.6928
Hf-180m	5.2693	4.2423	6.7379	4.2549
Hf-181	2.7286	2.1412	2.6084	1.9410
Hf-182	1.5043	1.3019	1.6177	1.7792
Hf-182m	4.1752	3.3319	4.8789	3.3736
Hf-183	2.3359	1.8325	2.7802	1.8348
Hf-184	1.8610	1.5058	2.2991	1.5083
Hg-190	2.1882	1.6638	2.6845	1.8002
Hg-191m	4.9392	4.1910	6.0512	4.9910
Hg-192	2.3513	2.0861	3.0662	2.3794
Hg-193	2.5485	2.0627	3.6741	2.3463
Hg-193m	2.8721	2.3738	3.9779	2.5226
Hg-194	0.0631	0.0947	0.1335	0.1294
Hg-195	1.2742	1.1597	1.7775	1.2244
Hg-195m	1.4179	1.3512	1.8828	1.6836
Hg-197	1.0587	1.0163	1.6440	1.0333
Hg-197m	1.0636	0.8965	1.2734	0.9409
Hg-199m	1.6101	1.1702	2.4039	1.4447
Hg-203	1.4163	1.2710	1.6509	1.5382
Hg-205	0.0373	0.0211	0.0495	0.0277
Hg-206	0.6471	0.5844	0.8251	0.4631
Hg-207	3.9408	3.0157	6.1031	3.4778
Ho-150	2.2175	1.6342	2.2949	1.5847
Ho-153	2.3313	2.0209	2.6384	1.9981

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Ho-153m	2.5972	2.0739	2.9392	2.3174
Ho-154m	6.9756	5.7698	9.3230	5.5360
Ho-154	3.3751	2.8053	4.4540	2.5378
Ho-155	1.9386	1.6047	2.1688	1.9070
Ho-156	4.1506	3.2410	4.8015	3.9534
Ho-157	2.9339	2.5234	3.2074	2.7863
Ho-159	3.0725	2.5396	2.8320	2.7196
Ho-160	4.1803	3.2266	4.7958	3.2399
Ho-161	0.9778	0.9473	0.9738	1.0736
Ho-162	0.8961	0.8585	0.9197	0.9601
Ho-162m	2.0272	1.6306	2.4193	1.8634
Ho-163	0.0018	0.0026	0.0035	0.0025
Ho-164	0.4752	0.4669	0.4511	0.5209
Ho-164m	0.7892	0.8107	0.8222	0.9057
Ho-166	0.1839	0.1764	0.2370	0.1715
Ho-166m	4.9170	3.5384	5.5652	3.7818
Ho-167	1.8837	1.6437	2.7388	1.4379
Ho-168	1.9112	1.3874	2.1438	1.3991
Ho-168m	0.1257	0.1388	0.1396	0.1467
Ho-170	4.1860	3.1002	5.3968	3.5785
I-118m	6.4027	5.1091	6.2170	4.4065
I-118	2.2260	1.7875	2.0756	1.5807
I-119	1.9502	1.7072	2.2445	2.5735
I-120	2.6983	2.0954	3.0172	2.2264
I-120m	5.6950	4.5739	5.3341	4.0760
I-121	1.9242	1.3099	2.5566	1.8196
I-122	0.5002	0.4125	0.5215	0.4038
I-123	1.7287	1.0549	2.5172	1.6117
I-124	1.9059	1.5670	2.0711	1.6246
I-125	1.0125	0.9289	1.8402	1.2678
I-126	1.4609	1.2211	2.1694	1.3305
I-128	0.2854	0.2338	0.4086	0.2566
I-129	0.5611	0.5028	1.1721	0.7417
I-130m	0.4413	0.3711	0.4946	0.3734
I-130	5.3781	4.2411	5.1301	3.7745
I-131	1.8089	1.7790	1.7881	1.9578
I-132	4.5205	3.4442	4.4746	3.1726
I-132m	1.1023	0.8681	1.2366	0.8652
I-133	1.8703	1.4819	1.4744	1.2393
I-134m	1.9567	1.7367	2.6460	2.3876
I-134	4.6099	3.2870	5.7914	3.4177
I-135	1.9630	1.4135	2.6593	1.6613
In-103	3.0176	1.9863	3.9635	2.3319

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
In-105	2.6484	1.9538	2.8365	2.1183
In-106	5.4209	4.1092	6.1276	3.8439
In-106m	2.4074	1.8866	2.7035	1.9301
In-107	2.4030	1.6889	3.1713	1.9751
In-108	6.7918	5.2124	8.1240	5.5443
In-108m	2.4515	1.9663	2.8881	2.0740
In-109	2.2400	1.5416	2.7624	1.7923
In-109m	1.4139	1.1824	1.1225	0.9426
In-110	6.2917	4.8218	7.1868	4.5467
In-110m	1.8347	1.5064	1.7524	1.3510
In-111	3.1041	2.2053	3.5546	3.5354
In-111m	1.6336	1.3245	1.2038	1.0877
In-112	0.2483	0.2335	0.2573	0.2335
In-112m	0.5302	0.4278	0.6472	0.5381
In-113m	1.1997	1.0211	2.3290	1.2594
In-114	0.0054	0.0046	0.0060	0.0048
In-114m	0.5400	0.3977	0.6288	0.4642
In-115	0.0000	0.0000	0.0000	0.0000
In-115m	0.9440	0.8564	1.3497	0.7089
In-116m	3.1671	2.2647	4.6898	2.6169
In-117	2.9488	1.9754	2.8106	2.0894
In-117m	0.6409	0.4921	0.8157	0.4610
In-118m	3.9941	2.8916	5.3843	2.8865
In-118	0.0988	0.0710	0.1300	0.0718
In-119	1.6213	1.1876	1.6601	1.1713
In-119m	0.1605	0.1358	0.2156	0.1321
In-121	1.6428	1.1620	2.3157	1.2434
In-121m	0.4817	0.4404	0.5737	0.5012
Ir-180	3.5049	2.8394	3.8314	2.9509
Ir-182	3.2371	2.6162	3.6456	2.9186
Ir-183	3.1060	2.5748	3.9818	2.9390
Ir-184	5.0739	4.1034	6.2630	4.7771
Ir-185	2.5467	2.1721	3.1498	2.5908
Ir-186	4.8982	3.9800	5.9217	4.0891
Ir-186m	2.7404	2.1367	3.2258	2.2228
Ir-187	1.7424	1.5357	2.2377	1.5996
Ir-188	3.3920	2.4817	4.7493	3.0739
Ir-189	1.0217	0.9729	1.2616	1.0898
Ir-190	5.8723	4.6296	6.8547	4.6138
Ir-190m	0.0606	0.0911	0.1224	0.0943
Ir-190n	0.8352	0.7836	1.0207	0.8330
Ir-191m	0.9988	0.8869	1.1148	0.8860
Ir-192	3.6866	3.1989	4.3787	2.4226

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Ir-192m	0.0695	0.1042	0.1445	0.1307
Ir-192n	0.1509	0.2219	0.3089	0.2797
Ir-193m	0.0643	0.0941	0.1269	0.0994
Ir-194	0.3243	0.2827	0.4320	0.2135
Ir-194m	8.1730	6.8268	9.0878	5.6145
Ir-195	0.7980	0.7242	1.0637	0.7361
Ir-195m	1.9387	1.6299	2.6115	1.6593
Ir-196	0.6831	0.5539	0.9789	0.5262
Ir-196m	8.6982	7.1763	11.3745	6.9287
K-38	1.3882	0.7254	3.2507	1.4931
K-40	0.1500	0.1139	0.1524	0.1560
K-42	0.2591	0.1990	0.2389	0.2910
K-43	3.0762	2.5815	4.1652	2.4598
K-44	2.1762	1.4874	3.5443	1.8612
K-45	2.4071	1.3925	3.3589	2.1839
K-46	2.1312	1.5901	2.7968	1.9396
Kr-74	1.7728	1.3178	2.0742	1.3926
Kr-75	1.6146	1.0214	1.4907	1.1386
Kr-76	2.2345	2.0163	2.9363	2.2888
Kr-77	1.7137	1.1051	1.3811	1.0858
Kr-79	0.7983	0.7388	1.1566	1.0775
Kr-81	0.1258	0.1864	0.2934	0.4110
Kr-81m	0.9194	0.4340	1.2281	0.7215
Kr-83m	0.0545	0.0813	0.1260	0.1649
Kr-85	0.0082	0.0065	0.0059	0.0053
Kr-85m	1.2113	0.6921	1.4048	0.8970
Kr-87	1.2750	0.9612	2.4594	1.2879
Kr-88	1.9206	1.1291	3.3300	1.8219
Kr-89	2.5815	1.9076	3.2061	2.2085
La-128	4.9897	4.0148	5.8575	4.1815
La-129	1.8005	1.4700	2.4951	1.7506
La-130	3.5808	2.8695	5.0054	2.8423
La-131	2.2786	1.8399	3.5855	2.1591
La-132	3.2881	2.5505	4.3817	2.7949
La-132m	2.5004	1.8966	3.0669	2.0542
La-133	0.7425	0.6577	1.5448	0.9195
La-134	0.3217	0.2735	0.6160	0.3717
La-135	0.5948	0.5189	1.4168	0.7986
La-136	0.4112	0.3519	0.9537	0.5372
La-137	0.5409	0.4752	1.3350	0.7470
La-138	1.7270	1.2999	2.2227	1.6825
La-140	3.3205	2.5514	3.4314	3.0401
La-141	0.0270	0.0196	0.0331	0.0242



<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
La-142	2.2226	1.5835	3.2883	1.9123
La-143	0.3232	0.2336	0.4275	0.2652
Lu-165	2.9516	2.3949	3.1890	2.5804
Lu-167	3.4207	2.7251	4.3876	3.3391
Lu-169m	0.0442	0.0665	0.0880	0.0623
Lu-169	3.0239	2.3771	3.6044	2.6359
Lu-170	3.1607	2.4408	4.4719	2.8773
Lu-171m	0.0510	0.0740	0.0976	0.0697
Lu-171	2.4699	2.1969	2.5100	2.1464
Lu-172	4.4673	3.4257	5.7579	3.6173
Lu-172m	0.0398	0.0598	0.0791	0.0560
Lu-173	1.9237	1.8134	1.9500	1.9427
Lu-174	0.8526	0.8364	0.8868	0.8498
Lu-174m	0.8876	0.9037	0.9593	0.9468
Lu-176	2.9936	2.2580	3.7335	2.0515
Lu-176m	0.2043	0.1907	0.2561	0.1709
Lu-177	0.2882	0.1895	0.3001	0.2142
Lu-177m	6.5498	4.9493	8.0898	5.7014
Lu-178	0.2656	0.2138	0.3104	0.2172
Lu-178m	5.9176	4.7227	8.1701	4.5780
Lu-179	0.1867	0.1129	0.2165	0.1668
Lu-180	3.0886	2.3434	4.5179	2.5937
Lu-181	2.1583	1.7351	2.2212	1.6892
Mg-27	1.5240	1.0361	2.0794	1.0765
Mg-28	2.4953	1.9170	4.2343	2.4200
Mn-50m	4.9087	3.5072	6.0509	3.8092
Mn-51	0.0088	0.0070	0.0120	0.0073
Mn-52	4.4440	3.2248	5.3211	3.5504
Mn-52m	1.4094	1.0593	1.5074	1.4027
Mn-53	0.0357	0.0537	0.0710	0.0499
Mn-54	1.5557	1.0874	1.8994	1.1211
Mn-56	2.1100	1.3849	3.0253	1.7356
Mn-57	0.4393	0.3703	0.4532	0.3679
Mn-58m	3.4089	2.4249	4.1319	2.6943
Mo-101	2.5584	1.8300	3.1354	1.9718
Mo-102	0.1327	0.0761	0.1521	0.1105
Mo-89	0.3165	0.2314	0.4053	0.2480
Mo-90	3.0045	2.4586	3.0888	3.2123
Mo-91m	1.3732	1.0867	1.3514	1.1006
Mo-91	0.0274	0.0273	0.0416	0.0406
Mo-93	0.2208	0.2698	0.3834	0.4028
Mo-93m	3.8680	3.1371	3.7230	3.8346
Mo-99	0.4337	0.2932	0.4690	0.3127

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
N-13	0.0000	0.0000	0.0000	0.0000
N-16	1.0163	0.6473	2.0587	1.0338
Na-22	1.4160	1.0206	1.8413	1.0634
Na-24	2.7939	1.9855	4.4540	2.6099
Nb-87	1.7562	0.9423	2.1340	1.2985
Nb-88m	5.5447	4.1462	8.0773	4.5226
Nb-88	6.6326	5.0987	8.9698	5.2641
Nb-89	0.5157	0.3989	0.7808	0.5440
Nb-89m	1.7199	1.3726	1.3168	1.1839
Nb-90	4.0625	2.5627	6.7681	3.6026
Nb-91	0.1995	0.2509	0.3754	0.4364
Nb-91m	0.2218	0.2527	0.3702	0.3652
Nb-92	3.4314	2.6813	3.9191	2.6117
Nb-92m	1.7419	1.3026	2.7235	1.5337
Nb-93m	0.0419	0.0519	0.0733	0.0754
Nb-94m	0.1585	0.1896	0.2717	0.2798
Nb-94	2.9830	2.1706	3.3083	2.0592
Nb-95	1.5121	1.0718	1.5390	1.0506
Nb-95m	0.5372	0.4678	0.6752	0.7657
Nb-96	4.9772	3.6741	5.5835	3.5919
Nb-97	1.4855	1.2217	1.2093	0.9824
Nb-98m	4.6546	3.3535	5.2619	3.5033
Nb-99	1.8004	1.1821	1.6042	1.0998
Nb-99m	0.9666	0.7084	1.3770	0.8501
Nd-134	2.2628	1.5417	3.0260	2.0784
Nd-135	2.8552	2.1049	3.5407	2.6176
Nd-136	1.8412	1.4930	2.2507	1.7934
Nd-137	2.5525	2.0728	3.3405	2.3892
Nd-138	0.6805	0.6107	1.0979	0.8614
Nd-139	0.8153	0.6896	1.2711	0.9128
Nd-139m	3.9540	2.9642	4.9542	3.2303
Nd-140	0.5893	0.5371	0.9729	0.7947
Nd-141	0.6159	0.5547	1.0090	0.8130
Nd-141m	1.4331	1.0399	1.4540	1.0235
Nd-144	0.0000	0.0000	0.0000	0.0000
Nd-147	1.0152	0.8441	1.1127	0.8683
Nd-149	2.0714	1.5515	2.2963	1.8481
Nd-151	2.4993	1.8334	2.7764	1.9954
Nd-152	0.9508	0.8532	1.0216	1.1700
Ne-19	0.0002	0.0001	0.0002	0.0001
Ne-24	1.9624	1.5533	2.1020	1.4734
Ni-56	4.8414	3.2737	5.4107	3.9577
Ni-57	1.6601	1.2030	1.9844	1.4865

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Ni-59	0.0619	0.0931	0.1231	0.0865
Ni-63	0.0000	0.0000	0.0000	0.0000
Ni-65	0.6567	0.4917	0.8363	0.6032
Ni-66	0.0000	0.0000	0.0000	0.0000
Np-232	3.9064	3.0699	4.8138	2.9170
Np-233	1.0063	0.7659	1.0096	0.6786
Np-234	2.0224	1.5775	2.1168	1.8693
Np-235	0.1434	0.1872	0.2700	0.3037
Np-236	1.8228	1.4235	2.2495	1.7621
Np-236m	0.5347	0.4189	0.5501	0.3895
Np-237	0.5345	0.5275	0.8955	0.7253
Np-238	1.0334	0.7892	1.7180	0.8912
Np-239	1.6688	1.3115	1.6767	1.3502
Np-240	3.1332	2.4612	3.7802	2.5810
Np-240m	0.9161	0.7910	0.8877	0.7984
Np-241	0.3950	0.2898	0.3815	0.2748
Np-242	0.3675	0.2713	0.4673	0.3217
Np-242m	2.4852	1.9043	3.1781	2.2938
O-14	1.3824	0.7272	3.2141	1.4914
O-15	0.0000	0.0000	0.0000	0.0000
O-19	2.0496	1.1187	2.5166	1.4675
Os-180	1.1575	1.1139	1.4268	1.1356
Os-181	3.9311	3.1285	4.6809	3.7557
Os-182	2.5987	2.0730	2.6109	2.1514
Os-183	3.5897	3.0632	5.2222	3.3150
Os-183m	2.1287	1.6932	2.9822	1.7583
Os-185	2.1585	1.8656	2.0761	1.6835
Os-186	0.0000	0.0000	0.0000	0.0000
Os-189m	0.0581	0.0873	0.1167	0.0878
Os-190m	6.0957	4.7637	6.6771	4.3653
Os-191	1.0949	0.9632	1.2079	0.9568
Os-191m	0.1431	0.1663	0.2177	0.1733
Os-193	0.4454	0.3795	0.5530	0.3851
Os-194	0.0943	0.1176	0.1453	0.1453
Os-196	0.4963	0.4120	0.6141	0.4284
P-30	0.0010	0.0006	0.0023	0.0011
P-32	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000
Pa-227	0.3173	0.2943	0.4178	0.3521
Pa-228	3.8703	3.0398	5.1618	3.2956
Pa-229	0.8141	0.6613	0.9792	0.6512
Pa-230	2.1209	1.6565	2.8483	1.7280
Pa-231	0.4504	0.4927	0.7415	0.6926

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Pa-232	2.2790	1.7199	3.1306	1.8904
Pa-233	1.5084	1.3336	1.9248	1.1588
Pa-234	4.0188	3.0306	4.7511	3.2908
Pa-234m	0.0332	0.0247	0.0456	0.0272
Pa-235	0.0209	0.0315	0.0417	0.0299
Pa-236	1.5709	1.2595	1.8217	1.3740
Pa-237	1.3810	1.0251	1.4693	0.9566
Pb-194	3.2417	2.5996	4.2172	2.7561
Pb-195m	5.0752	4.2269	8.2717	4.5913
Pb-196	2.9170	2.4679	3.6622	2.7483
Pb-197	3.3461	2.6745	5.4509	2.9997
Pb-197m	4.2581	3.5173	6.7460	3.9453
Pb-198	2.6871	2.2892	3.8906	2.4307
Pb-199	2.6928	2.2439	4.1805	2.3572
Pb-200	2.0430	1.6675	2.7977	1.8773
Pb-201	3.0899	2.6790	4.5317	2.2997
Pb-201m	1.1443	1.0042	1.1566	0.8449
Pb-202	0.0599	0.0900	0.1250	0.1137
Pb-202m	4.7954	3.6639	6.9196	3.8942
Pb-203	2.3008	2.0908	3.0737	2.3633
Pb-204m	4.4256	3.2842	6.9898	3.4563
Pb-205	0.0606	0.0911	0.1266	0.1152
Pb-209	0.0000	0.0000	0.0000	0.0000
Pb-210	0.1013	0.1337	0.1810	0.2244
Pb-211	0.1813	0.1408	0.2829	0.1591
Pb-212	1.1135	0.9331	1.4292	1.3003
Pb-214	1.3672	1.2064	2.0094	1.2021
Pd-100	1.8757	1.7419	2.6629	1.5537
Pd-101	1.4853	1.4320	1.7441	1.3645
Pd-103	0.3550	0.3981	0.4749	0.3781
Pd-107	0.0000	0.0000	0.0000	0.0000
Pd-109m	0.8702	0.4645	1.1149	0.6268
Pd-109	0.2398	0.2398	0.2951	0.2415
Pd-111	0.1082	0.0871	0.1161	0.0848
Pd-112	0.1158	0.1373	0.1778	0.1577
Pd-114	0.1824	0.1324	0.1798	0.1614
Pd-96	3.0607	2.3106	2.8399	2.0576
Pd-97	3.0258	2.3822	3.7297	3.0166
Pd-98	1.9544	1.5378	1.8582	1.2720
Pd-99	2.3348	1.7153	2.5621	1.8876
Pm-136	4.7458	3.7547	6.3580	3.6689
Pm-137m	4.4883	3.3838	5.1913	3.8700
Pm-139	0.7867	0.6474	1.2300	0.8081

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Pm-140m	5.0114	3.7276	7.4643	4.1293
Pm-140	0.3134	0.2386	0.3827	0.2751
Pm-141	0.5574	0.4545	0.7764	0.6170
Pm-142	0.2040	0.1794	0.2594	0.2583
Pm-143	1.1836	0.9827	1.4228	1.2026
Pm-144	4.4616	3.6831	4.1559	3.4259
Pm-145	0.6222	0.5750	0.8886	0.8174
Pm-146	2.4574	1.9654	2.9317	2.1102
Pm-147	0.0001	0.0000	0.0000	0.0000
Pm-148	0.9175	0.7021	0.8942	0.7315
Pm-148m	5.2682	4.2571	5.0436	3.7010
Pm-149	0.0578	0.0512	0.0657	0.0562
Pm-150	2.7462	2.1564	3.8468	2.0273
Pm-151	1.6613	1.2986	2.0192	1.4200
Pm-152m	4.0805	3.1895	4.6054	3.9334
Pm-152	0.6959	0.5059	0.7522	0.5182
Pm-153	0.8075	0.6017	0.8331	0.6366
Pm-154	2.2363	1.5427	3.5530	1.9727
Pm-154m	3.7606	2.7699	4.4557	3.3467
Po-203	3.4706	2.6050	5.1354	2.8811
Po-204	4.3612	3.6345	6.1252	3.8308
Po-205	3.3887	2.5838	4.8623	2.7672
Po-206	3.9668	3.3014	5.3507	3.2612
Po-207	3.0884	2.4064	4.7654	2.4767
Po-208	0.0001	0.0001	0.0001	0.0001
Po-209	0.0256	0.0233	0.0361	0.0277
Po-210	0.0000	0.0000	0.0000	0.0000
Po-211	0.0180	0.0136	0.0191	0.0122
Po-212m	0.0703	0.0495	0.1046	0.0598
Po-212	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0001	0.0001	0.0001
Po-214	0.0002	0.0001	0.0002	0.0001
Po-215	0.0007	0.0006	0.0011	0.0006
Po-216	0.0000	0.0000	0.0000	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000
Pr-134	6.3172	4.9505	9.0275	5.1537
Pr-134m	2.9734	2.2743	5.0331	2.8616
Pr-135	1.7475	1.4478	2.4733	1.6955
Pr-136	3.4509	2.7102	3.5737	2.6285
Pr-137	0.6178	0.5252	1.0701	0.7435
Pr-138	0.2117	0.1785	0.3497	0.2515
Pr-138m	5.1346	3.9388	7.1237	4.0199
Pr-139	0.5631	0.5034	1.0547	0.7609

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Pr-140	0.2998	0.2684	0.5612	0.4050
Pr-142	0.0516	0.0401	0.0427	0.0626
Pr-142m	0.0028	0.0042	0.0056	0.0039
Pr-143	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0339	0.0239	0.0443	0.0283
Pr-144m	0.2449	0.2292	0.4057	0.3291
Pr-145	0.0421	0.0327	0.0525	0.0336
Pr-146	1.7445	1.3327	2.1512	1.5079
Pr-147	2.0996	1.7880	2.6172	1.9069
Pr-148	2.0532	1.6635	2.6066	1.5749
Pr-148m	3.1929	2.6945	3.8024	2.4584
Pt-184	4.7107	3.7819	5.7228	4.0826
Pt-186	2.6296	2.2357	2.8584	2.1749
Pt-187	2.9207	2.4533	3.5537	2.5210
Pt-188	1.8457	1.4702	2.4870	1.6494
Pt-189	2.6409	2.3060	3.0737	2.3296
Pt-190	0.0000	0.0000	0.0000	0.0000
Pt-191	2.3096	2.0569	2.9508	2.0998
Pt-193	0.0632	0.0950	0.1305	0.1126
Pt-193m	0.2178	0.2410	0.3435	0.2599
Pt-195m	1.1145	1.0665	1.5401	1.0932
Pt-197	0.3142	0.2893	0.5302	0.3083
Pt-197m	0.8090	0.7975	1.2057	0.8350
Pt-199	0.7745	0.6101	0.7891	0.5661
Pt-200	0.6507	0.5806	0.9205	0.6328
Pt-202	0.0000	0.0000	0.0000	0.0000
Pu-232	0.7408	0.5543	0.6917	0.4787
Pu-234	0.8193	0.6235	0.7825	0.5561
Pu-235	1.0644	0.8334	1.0526	0.7815
Pu-236	0.0464	0.0603	0.0866	0.0985
Pu-237	0.6764	0.5638	0.7208	0.5797
Pu-238	0.0426	0.0555	0.0799	0.0910
Pu-239	0.0225	0.0299	0.0423	0.0445
Pu-240	0.0401	0.0523	0.0751	0.0855
Pu-241	0.0000	0.0000	0.0000	0.0000
Pu-242	0.0345	0.0449	0.0646	0.0734
Pu-243	0.3251	0.2901	0.5045	0.2717
Pu-244	0.0595	0.0602	0.0939	0.0867
Pu-245	1.5008	1.2080	1.7674	0.9925
Pu-246	1.4159	1.0726	1.4562	1.2837
Ra-219	0.9609	0.8544	1.2777	0.5638
Ra-220	0.0185	0.0149	0.0213	0.0145
Ra-221	0.4047	0.3059	0.5579	0.4064

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Ra-222	0.0461	0.0414	0.0637	0.0261
Ra-223	1.1747	0.9776	1.6198	1.0254
Ra-224	0.0673	0.0547	0.0727	0.0929
Ra-225	0.2862	0.2848	0.3284	0.4394
Ra-226	1.5362	1.5671	1.5269	1.6154
Ra-227	0.9650	0.8990	1.3196	1.0793
Ra-228	1.3675	1.3693	1.3850	1.4503
Ra-230	0.5911	0.4734	0.7338	0.5023
Rb-77	1.8471	1.3941	2.4071	1.6180
Rb-78m	3.9046	2.9568	4.9615	3.1778
Rb-78	2.9963	2.3433	4.2050	2.6279
Rb-79	2.2727	1.5864	2.5463	1.8212
Rb-80	0.4421	0.3721	0.3409	0.2957
Rb-81	0.8449	0.7372	1.1471	0.9690
Rb-81m	0.1796	0.2103	0.3539	0.4585
Rb-82	0.2513	0.1805	0.2723	0.1979
Rb-82m	5.1985	3.9657	5.5037	4.0315
Rb-83	1.7963	1.5276	1.5231	1.5884
Rb-84	1.1504	0.8534	1.6640	1.1032
Rb-84m	2.0241	1.6149	2.2636	2.4894
Rb-86m	1.7105	1.3926	1.2428	1.1179
Rb-86	0.1283	0.0890	0.2074	0.0917
Rb-87	0.0000	0.0000	0.0000	0.0000
Rb-88	0.5789	0.3760	0.9474	0.5555
Rb-89	2.4646	1.6903	3.9577	1.9454
Rb-90	1.3654	1.0228	1.8426	1.1834
Rb-90m	3.0902	2.2033	4.2191	2.5342
Re-178	2.7480	2.2222	3.2809	2.6235
Re-179	3.7811	3.1580	4.7836	3.4504
Re-180	2.8261	2.1934	3.5435	2.2136
Re-181	3.4227	2.9647	4.7326	2.9665
Re-182	6.3481	4.9737	7.6973	5.6712
Re-182m	3.1104	2.5216	3.9891	2.6055
Re-183	1.8534	1.5947	2.1365	1.7550
Re-184	2.5584	2.0118	2.9786	2.0502
Re-184m	2.0432	1.6922	2.3849	1.8373
Re-186	0.2340	0.1803	0.2254	0.1822
Re-186m	0.3771	0.4377	0.5306	0.4662
Re-187	0.0000	0.0000	0.0000	0.0000
Re-188	0.3292	0.2027	0.3915	0.2612
Re-188m	1.0310	0.9647	1.1909	0.9537
Re-189	0.3744	0.2703	0.4375	0.3755
Re-190	4.4594	3.3092	5.4898	3.5253

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Re-190m	3.5436	2.7882	4.2103	2.7580
Rh-100m	0.6445	0.6673	0.9255	0.6645
Rh-100	4.0681	3.1069	4.9070	3.4350
Rh-101	2.4054	1.5956	2.5068	1.5630
Rh-101m	1.6987	1.5975	2.1273	1.2659
Rh-102	1.3089	1.1122	1.4258	1.0538
Rh-102m	5.3871	4.3226	5.9752	4.0155
Rh-103m	0.0424	0.0490	0.0592	0.0467
Rh-104	0.0382	0.0314	0.0298	0.0257
Rh-104m	0.7583	0.7808	0.8089	0.7614
Rh-105	0.3886	0.3514	0.5066	0.2130
Rh-106	0.5951	0.4769	0.4690	0.3922
Rh-106m	6.0385	4.5940	6.6347	4.5675
Rh-107	1.5107	1.3402	1.9914	1.1252
Rh-108	1.0883	0.8874	1.4313	0.9034
Rh-109	1.5791	1.3235	2.0882	1.1772
Rh-94	3.4885	2.5905	4.1527	2.9207
Rh-95	2.3265	1.6957	3.2680	1.9059
Rh-95m	1.7085	1.3840	1.3860	1.1736
Rh-96	5.7405	4.3670	6.0273	4.1828
Rh-96m	1.3307	0.9770	1.7788	1.1214
Rh-97	2.1162	1.6848	3.3673	1.9459
Rh-97m	2.9326	2.0072	4.3104	2.5945
Rh-98	1.6900	1.3719	1.5510	1.1963
Rh-99	2.4397	2.1244	2.9747	1.8611
Rh-99m	2.0433	1.8233	2.8082	1.5540
Rn-207	2.8886	2.4011	4.0607	2.2117
Rn-209	3.1971	2.5837	4.9264	2.7286
Rn-210	0.2164	0.1756	0.2806	0.1781
Rn-211	4.0199	3.1411	5.1494	3.2511
Rn-212	0.0007	0.0006	0.0006	0.0005
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	0.0019	0.0016	0.0015	0.0013
Rn-219	0.3023	0.2621	0.4436	0.3464
Rn-220	1.8726	1.8253	1.8413	1.9232
Rn-222	0.0015	0.0012	0.0011	0.0010
Rn-223	1.2426	1.0220	1.4834	1.0626
Ru-103	1.8749	1.4916	1.4264	1.2453
Ru-105	2.1095	1.6783	2.2495	1.5475
Ru-106	0.0000	0.0000	0.0000	0.0000
Ru-107	0.8319	0.5856	1.0928	0.6490



<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Ru-108	0.5401	0.2779	0.6813	0.4083
Ru-92	5.5060	4.2116	6.2039	5.7111
Ru-94	1.9049	1.6550	3.1593	1.7170
Ru-95	2.6860	2.2714	3.7046	2.0411
Ru-97	1.6751	1.2119	2.0986	1.6265
S-35	0.0000	0.0000	0.0000	0.0000
S-37	1.3001	1.1761	2.1574	1.0594
S-38	1.2065	0.6717	2.5787	1.3180
Sb-111	2.3159	1.5268	2.6353	1.7298
Sb-113	2.1647	1.7518	2.0135	1.5331
Sb-114	2.3347	1.7138	3.0829	1.8757
Sb-115	2.2830	1.8552	1.9184	1.6822
Sb-116	2.0797	1.5027	2.9660	1.7508
Sb-116m	5.9907	4.4818	7.7910	4.6296
Sb-117	1.6774	1.0124	2.1463	1.5063
Sb-118	0.1928	0.1691	0.2432	0.1964
Sb-118m	5.5683	4.4450	7.2901	5.7645
Sb-119	0.5912	0.5705	0.7346	0.6812
Sb-120	0.3173	0.2952	0.4038	0.3549
Sb-120m	5.5718	3.7733	7.9981	3.9719
Sb-122m	1.2297	1.1344	1.6453	1.2784
Sb-122	1.3039	1.0630	0.9797	0.8564
Sb-124	2.8383	2.2259	2.6992	2.2897
Sb-124m	1.2530	1.0317	0.9582	0.8271
Sb-124n	0.0098	0.0147	0.0195	0.0137
Sb-125	1.7706	1.4528	2.3569	1.5650
Sb-126	6.6115	5.2340	7.3771	4.9485
Sb-126m	4.0156	3.2373	4.8794	3.1617
Sb-127	1.9435	1.5463	1.9977	1.5416
Sb-128	7.3224	5.7260	7.3218	4.8760
Sb-128m	4.6532	3.6304	5.0692	2.9915
Sb-129	2.5167	1.8058	3.0556	1.8951
Sb-130m	5.1966	3.4916	6.5124	3.7250
Sb-130	7.5139	5.3548	9.2404	5.3690
Sb-131	3.0484	2.2027	4.1393	2.3685
Sb-133	3.1927	2.2594	4.6102	2.6775
Sc-42m	4.5663	3.5009	5.8805	4.1781
Sc-43	0.3622	0.3093	0.6758	0.3279
Sc-44	1.4697	1.0358	2.1860	1.0638
Sc-44m	1.4003	1.2368	1.5368	1.7147
Sc-46	2.9870	2.0606	4.3647	2.1253
Sc-47	0.8859	0.3817	1.1418	0.6816
Sc-48	4.5263	3.1380	6.9287	3.3521

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Sc-49	0.0008	0.0006	0.0012	0.0010
Sc-50	4.5398	3.4366	4.7176	3.8050
Se-70	1.6221	1.4745	2.3144	1.7448
Se-71	1.4524	0.9062	1.7770	1.0465
Se-72	0.6185	0.6938	0.7459	0.8595
Se-73	2.3250	2.0656	3.7320	2.0320
Se-73m	0.2432	0.2205	0.3573	0.2707
Se-75	2.6870	2.1792	2.8613	2.7081
Se-77m	0.7467	0.3822	1.0158	0.6725
Se-79m	0.2008	0.2178	0.3203	0.3013
Se-79	0.0000	0.0000	0.0000	0.0000
Se-81	0.0302	0.0255	0.0318	0.0276
Se-81m	0.2446	0.2414	0.3287	0.3118
Se-83m	1.4937	1.0818	2.3616	1.1635
Se-83	5.2378	3.9301	6.7587	4.2120
Se-84	1.6845	1.3827	3.2311	1.7199
Si-31	0.0010	0.0007	0.0013	0.0007
Si-32	0.0000	0.0000	0.0000	0.0000
Sm-139	2.4156	2.0123	2.7617	2.1537
Sm-140	1.3766	1.1091	1.6346	1.4077
Sm-141	2.2120	1.7834	3.5205	2.2125
Sm-141m	4.1483	2.8773	5.3504	3.4653
Sm-142	0.5882	0.5478	0.7069	0.7698
Sm-143	0.4035	0.3641	0.4975	0.5034
Sm-143m	1.4247	1.0412	1.4185	1.0227
Sm-145	1.2256	1.1428	1.4515	1.5769
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	0.0005	0.0007	0.0005
Sm-153	0.9033	0.7493	0.8089	0.7997
Sm-155	1.0834	0.7458	0.8463	0.5904
Sm-156	0.9964	0.6790	1.2389	0.8050
Sm-157	1.8323	1.1165	2.3730	1.4101
Sn-106	3.4298	2.7715	4.3387	3.2375
Sn-108	3.2404	2.6491	4.5452	3.2489
Sn-109	3.0034	2.2813	4.2694	2.6609
Sn-110	1.9763	1.8062	2.2760	2.0980
Sn-111	0.5288	0.4602	0.6887	0.5500
Sn-113	0.4950	0.4806	0.5899	0.5739
Sn-113m	0.3403	0.3260	0.4302	0.3912
Sn-117m	1.5967	0.9232	2.0441	1.4063
Sn-119m	0.3827	0.3747	0.4631	0.4389

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Sn-121	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.1237	0.1182	0.1925	0.1518
Sn-123	0.0094	0.0065	0.0151	0.0067
Sn-123m	1.1863	0.5484	1.5470	0.9402
Sn-125m	1.5851	1.4089	2.2945	0.9756
Sn-125	0.4983	0.3475	0.7526	0.3697
Sn-126	0.8319	0.7069	1.1442	0.6561
Sn-127m	1.8387	1.4536	1.5429	1.2978
Sn-127	3.1676	2.2739	4.3289	2.4812
Sn-128	3.2414	2.7361	3.9142	2.8722
Sn-129	1.9205	1.5436	1.8434	1.3675
Sn-130	3.4902	2.4180	4.2888	2.8030
Sn-130m	2.1401	1.5853	2.5622	1.6807
Sr-79	1.2201	0.9784	1.4307	1.1736
Sr-80	1.2064	1.0192	1.3360	1.2782
Sr-81	2.0603	1.3077	2.4578	1.6272
Sr-82	0.1330	0.1924	0.3258	0.5303
Sr-83	1.3593	1.1530	2.0835	1.6858
Sr-85	1.9429	1.6335	1.6246	1.7136
Sr-85m	1.4245	1.0147	1.5807	1.7562
Sr-87m	1.3420	1.1353	2.7185	1.4227
Sr-89	0.0001	0.0001	0.0002	0.0001
Sr-90	0.0000	0.0000	0.0000	0.0000
Sr-91	1.2276	0.8956	1.5743	0.8772
Sr-92	1.4724	1.0936	1.7243	1.3531
Sr-93	3.9924	2.9498	4.5944	3.1168
Sr-94	1.4704	1.1004	1.5547	1.4086
Ta-170	1.2839	1.0007	1.4483	1.0389
Ta-172	3.2284	2.4458	3.9509	2.7327
Ta-173	2.0596	1.7186	2.3703	1.8824
Ta-174	2.2862	1.6771	2.8069	1.9316
Ta-175	3.2755	2.6854	3.8571	3.0004
Ta-176	3.3587	2.6341	4.2159	3.0435
Ta-177	0.8740	0.8231	0.8624	0.8361
Ta-178	0.9016	0.8575	0.9413	0.8775
Ta-178m	6.9120	5.6837	9.3070	5.4664
Ta-179	0.3973	0.4022	0.4237	0.4167
Ta-180	0.7155	0.6912	0.7336	0.7022
Ta-182	2.8506	2.1609	3.7338	2.2819
Ta-182m	2.5118	1.7573	2.9677	2.0745
Ta-183	2.4901	2.1018	2.8556	2.4744
Ta-184	5.4235	4.3122	7.2762	4.9959
Ta-185	1.3163	0.9204	1.6114	1.1353

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Ta-186	5.0859	3.6707	5.3050	3.7101
Tb-146	3.0749	2.3805	3.5496	3.1034
Tb-147m	1.8845	1.4807	2.1785	1.9335
Tb-147	3.5059	2.6298	4.1797	2.7850
Tb-148m	6.8538	5.3128	8.7234	5.5740
Tb-148	2.9491	2.1741	3.4390	2.3847
Tb-149m	2.7505	2.0813	2.7851	2.1964
Tb-149	3.2080	2.4478	4.2580	2.7902
Tb-150m	7.1017	5.8116	7.0829	5.3516
Tb-150	3.2904	2.6447	3.5793	2.8001
Tb-151	4.1985	3.4733	4.5275	3.9733
Tb-151m	0.4918	0.4872	0.6186	0.5068
Tb-152m	3.7273	3.1875	4.4231	3.5773
Tb-152	2.9493	2.4457	3.9974	2.5836
Tb-153	2.1567	1.6977	2.3274	2.0290
Tb-154	3.2148	2.3878	4.2785	2.9092
Tb-155	1.9943	1.6262	2.1144	1.8114
Tb-156	4.9791	3.8176	5.6996	4.0716
Tb-156m	0.5498	0.5518	0.4284	0.5751
Tb-156n	0.0858	0.0963	0.1133	0.0993
Tb-157	0.1079	0.1179	0.1259	0.1361
Tb-158	2.1881	1.6958	2.8720	1.8878
Tb-160	2.3730	1.7825	3.2394	1.7914
Tb-161	0.6210	0.6134	0.7030	0.6658
Tb-162	3.2181	2.4618	3.7388	3.2235
Tb-163	3.1848	2.6566	4.2610	2.6086
Tb-164	5.3410	3.9414	6.0186	4.2163
Tb-165	1.2075	0.8918	1.3954	0.9971
Tc-101	1.6422	1.4457	1.9531	1.0601
Tc-102m	4.0804	3.0848	4.9074	3.2852
Tc-102	0.2020	0.1568	0.2242	0.1514
Tc-104	3.7522	2.9254	5.3701	3.1030
Tc-105	2.5266	1.8792	2.9467	1.9499
Tc-91	1.3165	0.9226	1.9297	1.3020
Tc-91m	1.2049	0.9443	0.9741	0.8384
Tc-92	5.5925	4.1474	6.3140	4.5591
Tc-93	1.6611	1.3408	1.9377	1.7346
Tc-93m	1.4615	1.1856	2.8862	1.5238
Tc-94	4.9825	3.6725	5.8734	3.6944
Tc-94m	1.8210	1.2814	2.5235	1.4373
Tc-95	1.7841	1.3890	2.0202	1.4629
Tc-95m	2.2727	1.5807	2.6362	1.7940
Tc-96	4.8678	3.4929	5.7788	3.6346

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Tc-96m	0.2188	0.2248	0.3080	0.2516
Tc-97	0.2479	0.2964	0.3993	0.3843
Tc-97m	0.2147	0.2499	0.3218	0.2855
Tc-98	3.0222	2.3565	2.6761	2.0345
Tc-99	0.0000	0.0000	0.0000	0.0000
Tc-99m	1.1884	0.6910	1.0532	0.7487
Te-113	1.6330	1.1484	2.3544	1.3676
Te-114	2.5636	2.0227	3.4532	2.4144
Te-115	2.4685	1.8682	2.9969	2.1110
Te-115m	2.8466	2.0803	3.7003	2.3879
Te-116	1.2645	1.0765	1.6988	1.1732
Te-117	2.0786	1.5682	2.6508	1.8073
Te-118	0.4880	0.4565	0.7498	0.5866
Te-119	2.0023	1.7033	2.0062	1.6209
Te-119m	3.4325	2.3947	4.6956	2.9947
Te-121	2.2230	1.8738	2.0350	1.7273
Te-121m	1.5148	0.9774	2.0273	1.4459
Te-123	0.0093	0.0136	0.0182	0.0129
Te-123m	1.4267	0.7822	2.0160	1.2604
Te-125m	0.8458	0.7768	1.5348	1.0577
Te-127	0.0210	0.0170	0.0369	0.0203
Te-127m	0.2644	0.2458	0.4782	0.3289
Te-129	0.3254	0.2793	0.4535	0.3182
Te-129m	0.2550	0.2264	0.4039	0.2810
Te-131	1.7656	1.1306	2.1409	1.3328
Te-131m	3.1620	2.2626	3.9578	2.4228
Te-132	1.9256	1.4770	2.5487	2.2851
Te-133	2.6178	2.0988	3.7613	1.9745
Te-133m	3.6938	2.7198	4.8873	2.9028
Te-134	3.2141	2.3702	3.9615	2.6156
Th-223	0.8539	0.6842	1.1019	0.7049
Th-224	0.1702	0.0979	0.2325	0.1419
Th-226	0.0952	0.0821	0.1107	0.1065
Th-227	1.0080	0.9380	1.3159	1.2941
Th-228	0.0520	0.0583	0.0932	0.0933
Th-229	1.1395	0.9804	1.6313	1.2011
Th-230	1.2719	1.2492	1.2507	1.0207
Th-231	0.4751	0.5307	0.7941	0.7798
Th-232	1.2988	1.3025	1.2943	1.3492
Th-233	0.2240	0.1991	0.3159	0.2259
Th-234	0.1467	0.1366	0.1924	0.1605
Th-235	0.1571	0.1225	0.1921	0.1220
Th-236	0.2055	0.1631	0.2217	0.1633

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Ti-44	1.9073	1.7024	2.9449	1.5264
Ti-45	0.0078	0.0080	0.0111	0.0081
Ti-51	1.5976	1.4179	2.1361	0.8517
Ti-52	1.3668	0.9682	0.8266	0.7335
Tl-190	2.2293	1.8481	3.5247	2.0315
Tl-190m	5.7794	4.7064	7.2644	4.6251
Tl-194	2.2622	1.9153	3.3575	1.9977
Tl-194m	7.2246	5.8868	8.5435	5.8637
Tl-195	2.6518	2.1797	3.6633	2.4466
Tl-196	3.6738	2.9533	5.5003	3.4122
Tl-197	1.9655	1.6736	2.7627	1.7238
Tl-198	3.9509	3.1548	6.2372	3.7168
Tl-198m	4.6005	3.9477	5.6857	4.0022
Tl-199	1.8353	1.5559	2.5776	1.7216
Tl-200	3.6109	3.0106	5.4325	3.0365
Tl-201	1.2136	1.0751	1.8195	1.1246
Tl-202	2.4547	2.0994	3.6795	2.2162
Tl-204	0.0183	0.0175	0.0283	0.0176
Tl-206m	7.6213	5.9481	9.2670	6.8891
Tl-206	0.0010	0.0009	0.0015	0.0009
Tl-207	0.0041	0.0028	0.0057	0.0029
Tl-208	3.6355	2.6541	4.9088	2.9917
Tl-209	4.4403	3.4023	4.2107	3.7222
Tl-210	4.7113	3.5357	6.2722	3.8584
Tm-161	3.7731	3.1666	3.9760	3.6603
Tm-162	2.3748	1.8289	2.9073	2.0709
Tm-163	3.5042	2.9592	3.7133	3.2545
Tm-164	0.8556	0.7374	0.9499	0.8080
Tm-165	2.8394	2.4894	2.9838	2.8934
Tm-166	3.5989	2.7305	4.4731	3.0782
Tm-167	1.4128	1.1496	1.4575	1.3413
Tm-168	4.1214	2.9799	4.6670	3.1555
Tm-170	0.0591	0.0568	0.0755	0.0519
Tm-171	0.0095	0.0095	0.0094	0.0097
Tm-172	0.7018	0.5536	0.8580	0.6567
Tm-173	1.6321	1.3610	3.2074	1.7194
Tm-174	5.9387	4.5693	8.5239	5.2294
Tm-175	2.8583	2.2392	3.0893	2.0784
Tm-176	4.0274	2.9614	5.8173	3.3539
U-227	0.9998	0.8268	1.1640	1.0904
U-228	0.0711	0.0719	0.1097	0.1067
U-230	0.0543	0.0663	0.1009	0.1117
U-231	1.2269	1.1279	1.6314	1.3783

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
U-232	0.0447	0.0585	0.0858	0.1017
U-233	0.0237	0.0307	0.0454	0.0535
U-234	0.6506	0.6527	0.6865	0.5244
U-235	1.5021	1.4999	1.4629	1.5018
U-235m	0.0000	0.0000	0.0000	0.0000
U-236	0.0355	0.0474	0.0700	0.0836
U-237	1.5379	1.2206	1.7015	1.3586
U-238	1.1107	1.1498	1.0808	1.1517
U-239	0.6092	0.5595	0.9554	0.5535
U-240	0.1632	0.1830	0.2546	0.2645
U-242	0.2591	0.2207	0.2835	0.2197
V-47	0.0098	0.0071	0.0146	0.0111
V-48	3.0708	2.1631	4.5601	2.3339
V-49	0.0242	0.0364	0.0481	0.0338
V-50	1.4317	1.0984	1.3051	1.5738
V-52	1.4130	1.0590	1.4878	1.4059
V-53	1.5276	1.0556	2.5477	1.0992
W-177	4.2467	3.4394	4.9072	3.4550
W-178	0.2627	0.2751	0.3130	0.2832
W-179	0.8966	0.8848	1.1662	0.9706
W-179m	0.6709	0.6138	0.7597	0.6863
W-181	0.6170	0.6088	0.6688	0.6320
W-185m	0.3858	0.3798	0.5221	0.3919
W-185	0.0007	0.0006	0.0006	0.0005
W-187	1.5954	1.2996	1.5319	1.1769
W-188	0.0127	0.0109	0.0148	0.0127
W-190	1.7339	1.3275	2.0980	1.5868
Xe-120	2.1735	1.7586	3.2068	2.0585
Xe-121	1.9223	1.4563	2.8635	1.8556
Xe-122	0.7761	0.6725	1.4638	0.8784
Xe-123	1.7845	1.1949	2.6486	1.5733
Xe-125	2.0934	1.5010	3.1105	2.2306
Xe-127	2.1893	1.3820	3.4105	1.9315
Xe-127m	1.7681	1.1569	1.9619	1.2781
Xe-129m	1.0177	0.8846	2.1265	1.3027
Xe-131m	0.4189	0.3650	0.9025	0.5391
Xe-133	0.7590	0.6588	1.5276	0.7532
Xe-133m	0.5451	0.4661	1.0396	0.7142
Xe-135	1.4775	1.2857	1.5055	2.2550
Xe-135m	1.5699	1.2656	1.2717	1.0834
Xe-137	0.6125	0.4877	0.7892	0.5070
Xe-138	1.8858	1.4088	2.9260	2.1306
Y-81	1.4350	1.1122	1.6908	1.1759

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Y-83	0.9668	0.8082	1.4023	1.1274
Y-83m	1.3548	1.1880	1.6437	1.7624
Y-84m	4.9140	3.4744	6.5357	3.6227
Y-85	1.3701	1.0995	1.1816	1.0418
Y-85m	1.1600	0.8613	1.5426	1.2396
Y-86	4.8903	3.6131	6.7608	4.0458
Y-86m	1.3063	0.6833	1.6150	1.0415
Y-87	1.8478	1.5596	1.8722	1.7053
Y-87m	1.2871	1.1013	2.5063	1.2970
Y-88	2.9652	2.0414	4.7913	3.0843
Y-89m	1.5061	1.0273	2.1690	1.0671
Y-90	0.0000	0.0000	0.0000	0.0001
Y-90m	2.9986	1.9574	3.2985	2.1338
Y-91	0.0037	0.0027	0.0053	0.0027
Y-91m	1.6634	1.3567	1.2160	1.0974
Y-92	0.4092	0.2946	0.5441	0.3117
Y-93	0.1992	0.1587	0.2550	0.2242
Y-94	1.1889	0.8293	1.7050	0.8782
Y-95	0.8748	0.6019	1.4827	0.7945
Yb-162	1.9813	1.4977	1.8708	1.5714
Yb-163	1.4432	1.2408	1.5981	1.3182
Yb-164	0.6823	0.6819	0.6200	0.7037
Yb-165	1.8685	1.7773	2.1928	1.7484
Yb-166	1.2800	1.2713	1.2504	1.2731
Yb-167	2.9992	2.4970	2.6171	2.3793
Yb-169	3.5129	2.9088	3.4810	3.0327
Yb-175	0.2135	0.1800	0.3226	0.2093
Yb-177	0.6582	0.4389	0.7626	0.4974
Yb-178	0.1716	0.1479	0.3132	0.1592
Yb-179	2.9436	2.4464	2.7852	2.0725
Zn-60	1.6130	1.3624	1.5774	1.2430
Zn-61	0.7151	0.5319	0.9013	0.6279
Zn-62	1.4017	1.2298	1.2572	1.1958
Zn-63	0.2587	0.1985	0.3145	0.1888
Zn-65	0.8264	0.6430	1.3215	0.6482
Zn-69	0.0000	0.0000	0.0000	0.0000
Zn-69m	1.6501	1.3402	2.4745	1.4727
Zn-71	0.9215	0.7108	0.8872	0.6337
Zn-71m	4.9866	4.0391	5.9733	3.8548
Zn-72	1.4338	0.8957	1.5681	1.0374
Zr-85	1.4995	1.1945	2.1834	1.3564
Zr-86	2.0120	1.8142	2.5106	3.2106
Zr-87	0.1355	0.1140	0.2149	0.1659



<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Zr-88	1.7396	1.5308	3.5880	2.1129
Zr-89	1.6553	1.2150	2.4646	1.4501
Zr-89m	1.5603	1.2955	1.1805	1.0820
Zr-93	0.0000	0.0000	0.0000	0.0000
Zr-95	1.4874	1.0915	1.4442	1.0221
Zr-97	1.7835	1.3217	1.8027	1.2654

Table 13: Composite 1 - Infinite Contamination Thickness for 10x10x10 ft and 50x50x10 ft rooms

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ac-223	0.1580	0.1374	0.2749	0.1792	0.1883	0.1663	0.1953	0.2371
Ac-224	1.4358	1.4170	1.9805	1.8518	2.1062	1.8763	2.1294	2.3589
Ac-225	0.2259	0.1971	0.3415	0.2396	0.2611	0.2295	0.2501	0.3227
Ac-226	0.6585	0.6845	0.9612	0.9606	1.0129	0.9675	0.9971	1.1977
Ac-227	0.0468	0.0353	0.1012	0.0426	0.0420	0.0365	0.0396	0.0586
Ac-228	1.1494	1.2318	1.5363	1.8246	1.8809	1.7022	2.2498	2.4024
Ac-230	0.5483	0.5594	0.7291	0.8132	0.8217	0.7603	1.0358	1.1097
Ac-231	1.4622	1.5378	2.1546	2.2745	2.4308	2.2451	2.8108	2.7831
Ac-232	0.9895	0.9731	1.0984	1.3790	1.4379	1.3153	1.8397	1.8410
Ac-233	0.7503	0.8039	1.3536	1.3210	1.2170	1.1689	1.7034	2.0196
Ag-100m	1.6496	1.6442	1.6848	2.5687	2.6399	2.3464	3.3653	3.5769
Ag-101	1.2062	1.2509	1.6007	1.9355	2.0098	1.9145	2.3869	2.4556
Ag-102m	1.0798	1.0673	1.2510	1.6015	1.6366	1.4925	2.0955	2.0993
Ag-102	2.3703	2.4287	2.8177	3.8104	3.8412	3.4816	4.9111	5.2872
Ag-103	1.1493	1.2087	1.4408	1.6645	1.8423	1.7251	2.0117	2.2864
Ag-104	2.7815	2.9040	3.3173	4.5488	4.6172	4.1834	5.5742	6.0691
Ag-104m	1.1787	1.1791	1.5318	1.8209	1.8255	1.6968	2.3611	2.6030
Ag-105	1.3527	1.3517	1.7199	1.9712	2.1509	2.0130	2.6076	2.5139
Ag-105m	0.0162	0.0112	0.0463	0.0157	0.0142	0.0114	0.0159	0.0216
Ag-106	0.2830	0.2666	0.3678	0.3561	0.3901	0.3870	0.4513	0.4977
Ag-106m	3.2564	3.4665	4.3395	5.4488	5.4201	5.0357	6.8211	7.5824
Ag-108	0.0310	0.0284	0.0323	0.0416	0.0447	0.0414	0.0541	0.0631
Ag-108m	2.5343	2.5363	3.1205	4.0308	4.0219	3.7045	5.0106	5.8596
Ag-109m	0.2273	0.1654	0.1925	0.1564	0.2478	0.2352	0.2087	0.1893
Ag-110	0.0412	0.0391	0.0414	0.0641	0.0651	0.0569	0.0820	0.0971
Ag-110m	2.6574	2.7899	2.8773	4.5193	4.5656	4.0096	5.5971	6.1845
Ag-111	0.0576	0.0645	0.0920	0.1069	0.1077	0.1002	0.1471	0.1348
Ag-111m	0.1260	0.0922	0.1249	0.0906	0.1367	0.1312	0.1156	0.1103
Ag-112	0.6539	0.6368	0.6945	1.0105	1.0293	0.9158	1.3597	1.5101
Ag-113m	0.4371	0.4664	0.6492	0.7529	0.7667	0.7021	1.0166	0.9929
Ag-113	0.1346	0.1468	0.1988	0.2408	0.2495	0.2290	0.3283	0.2916
Ag-114	0.2556	0.2631	0.3453	0.4238	0.4126	0.3805	0.5577	0.6256
Ag-115	0.5222	0.5598	0.7024	0.8490	0.8784	0.8386	1.0701	1.0686
Ag-116	1.5330	1.5889	2.0561	2.5168	2.4969	2.2730	3.2535	3.4184
Ag-117	1.0544	1.1155	1.2949	1.6466	1.7114	1.5601	2.1832	2.1899
Ag-99	1.5309	1.6328	1.9803	2.5609	2.6339	2.4751	3.0925	3.0669
Al-26	1.0692	1.0608	1.0425	1.4425	1.5385	1.4519	2.1917	1.8472
Al-28	1.0459	1.0368	1.0135	1.4033	1.5062	1.4233	2.1580	1.8251
Al-29	0.7641	0.8128	0.8233	1.3355	1.3464	1.1534	1.7023	1.7816
Am-237	1.5977	1.6191	2.2889	2.1783	2.4357	2.2091	2.6187	2.8321
Am-238	1.6291	1.6846	2.0788	2.2905	2.5245	2.2280	2.8163	3.1602
Am-239	1.8377	1.7917	2.5462	2.2087	2.6026	2.3059	2.5323	2.8933

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Am-240	0.3846	0.3951	0.3984	0.3831	0.5869	0.6125	0.5868	0.5677
Am-241	0.4514	0.4234	0.5792	0.4684	0.6008	0.4747	0.5208	0.5618
Am-242	0.2801	0.2549	0.3818	0.2859	0.3421	0.3104	0.3115	0.3756
Am-242m	0.1868	0.1582	0.2878	0.1724	0.1957	0.1866	0.1718	0.2183
Am-243	0.5951	0.5301	0.6361	0.6412	0.8147	0.6321	0.8536	0.7493
Am-244	1.6026	1.5882	2.0138	2.2517	2.3684	2.1306	2.4423	2.8807
Am-244m	0.1044	0.0944	0.1464	0.1073	0.1233	0.1168	0.1160	0.1378
Am-245	0.1935	0.1970	0.2824	0.2525	0.2910	0.2708	0.2911	0.3236
Am-246	2.1203	2.0740	2.7581	2.8410	3.0440	2.8018	3.1156	3.7529
Am-246m	0.9815	1.0826	1.2215	1.6344	1.6855	1.5058	1.9826	2.1424
Am-247	0.6875	0.7102	0.9874	0.9316	1.0723	0.9717	1.1395	1.2067
Ar-37	0.0166	0.0104	0.0541	0.0146	0.0119	0.0088	0.0127	0.0208
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	0.7366	0.7923	0.7945	1.3036	1.3109	1.1274	1.6721	1.7787
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	1.0102	1.0921	1.1503	1.6886	1.7327	1.5447	2.2145	2.2372
Ar-44	1.5312	1.6305	1.7492	2.3256	2.4206	2.2907	3.0724	3.0546
As-68	1.9792	2.1279	2.1801	3.2960	3.3824	3.0106	4.3368	4.5002
As-69	0.2699	0.2812	0.4189	0.4208	0.4332	0.4053	0.4957	0.5305
As-70	2.5292	2.7576	2.9441	4.2674	4.3449	3.9027	5.6363	5.8772
As-71	0.8869	0.9243	1.6725	1.3897	1.3336	1.2299	1.3833	1.9280
As-72	0.8269	0.8807	0.9951	1.4507	1.4421	1.2461	1.6107	1.7428
As-73	0.6502	0.4349	1.9639	0.5968	0.5326	0.3862	0.5347	0.8477
As-74	0.7445	0.6876	1.0815	1.1149	1.0872	0.9654	1.4382	1.7607
As-76	0.4915	0.5088	0.6839	0.8369	0.8061	0.7424	1.0932	1.2751
As-77	0.0228	0.0250	0.0377	0.0388	0.0395	0.0399	0.0436	0.0458
As-78	1.1690	1.1790	1.2883	1.8986	1.9127	1.6940	2.4663	2.7245
As-79	0.0436	0.0504	0.0684	0.0843	0.0794	0.0745	0.1058	0.1183
At-204	3.3368	3.4072	4.6986	5.4635	5.3479	4.8553	6.8524	7.8483
At-205	1.7489	1.6552	2.1017	2.4520	2.5941	2.2193	3.0782	3.2786
At-206	3.3894	3.5179	4.6760	5.5800	5.5163	5.0083	6.9169	7.7545
At-207	2.7345	2.6749	3.3172	4.0351	4.2169	3.6618	5.0767	5.2987
At-208	4.1744	4.1408	4.8532	6.3687	6.5840	5.7479	7.8086	8.7164
At-209	3.7273	3.7150	4.7883	5.7441	5.8786	5.1425	6.7154	7.2910
At-210	3.2558	3.2944	4.0910	4.8610	5.1477	4.6705	6.2240	6.2732
At-211	0.4098	0.3387	0.5114	0.4286	0.5020	0.4009	0.5427	0.5368
At-215	0.0003	0.0004	0.0006	0.0006	0.0006	0.0006	0.0008	0.0009
At-216	0.0200	0.0177	0.0256	0.0230	0.0269	0.0219	0.0295	0.0287
At-217	0.0009	0.0009	0.0013	0.0013	0.0014	0.0013	0.0015	0.0015
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	1.1434	1.2352	1.7975	1.9420	1.9840	1.9496	2.3176	2.3320
Au-186	1.7110	1.8050	2.4034	2.7064	2.8394	2.5175	3.2460	3.3393

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Au-187	1.5175	1.4684	2.1342	2.0642	2.2362	1.8722	2.6148	2.6187
Au-190	2.3188	2.3158	3.0526	3.4574	3.7293	3.2164	4.6215	4.0988
Au-191	1.7718	1.7517	2.7011	2.5310	2.7004	2.3070	3.1332	3.2661
Au-192	2.1373	2.1353	2.7846	3.1355	3.4100	2.9085	4.3818	3.8039
Au-193	1.0906	1.0277	1.6283	1.3335	1.5558	1.2311	1.6104	1.5447
Au-193m	0.9017	0.8819	1.5918	1.3010	1.3629	1.3107	1.4531	1.4522
Au-194	1.6190	1.6285	2.2305	2.3842	2.5920	2.1846	3.3029	2.9562
Au-195	0.9699	0.8385	1.5302	1.0213	1.2332	0.9012	1.2336	1.1926
Au-195m	0.9080	0.8860	1.5889	1.3078	1.3729	1.3067	1.4867	1.4680
Au-196	1.3781	1.4274	2.1544	2.1667	2.2714	1.9368	2.9344	2.7780
Au-196m	1.7113	1.6149	2.8441	2.1764	2.3293	1.9524	2.3696	2.8480
Au-198	0.6613	0.7839	1.2022	1.3237	1.1729	1.1712	1.6465	2.0282
Au-198m	2.6062	2.6282	3.9285	3.6374	4.0343	3.5571	4.0988	4.3297
Au-199	0.5104	0.5371	0.7557	0.7676	0.7722	0.6886	0.7462	1.0771
Au-200	0.2578	0.2886	0.3628	0.4789	0.4667	0.4221	0.6292	0.6665
Au-200m	3.5283	3.8361	5.4378	6.1664	6.0533	5.6911	7.4143	8.2672
Au-201	0.0890	0.0835	0.1572	0.1258	0.1232	0.1091	0.1521	0.1837
Au-202	0.1679	0.1932	0.2576	0.3169	0.3000	0.2806	0.4009	0.4561
Ba-124	0.8745	0.9034	1.1453	1.1424	1.4560	1.2543	1.4747	1.7263
Ba-126	1.1502	1.1999	1.5644	1.6269	1.9585	1.7540	2.0973	2.2828
Ba-127	0.4800	0.4789	0.5942	0.5370	0.7644	0.6336	0.7361	0.8637
Ba-128	0.4938	0.4659	0.6367	0.4721	0.7808	0.6427	0.7107	0.7873
Ba-129	0.5270	0.5169	0.6886	0.5581	0.8378	0.7041	0.7904	0.9075
Ba-129m	2.2429	2.4169	3.0812	3.5098	3.8120	3.4395	4.4187	5.0644
Ba-131	1.3258	1.4175	2.0435	1.8603	2.2315	1.9987	2.5057	2.9092
Ba-131m	0.6135	0.6157	0.8290	0.6660	0.9746	0.7658	0.9069	1.0874
Ba-133	1.5308	1.5246	2.0717	1.9995	2.5278	2.1409	2.9039	2.9313
Ba-133m	0.4464	0.4321	0.7137	0.4873	0.7059	0.5844	0.6778	0.7635
Ba-135m	0.3796	0.3815	0.5452	0.4137	0.6360	0.5291	0.5908	0.6629
Ba-137m	0.8139	0.7775	0.8317	1.2589	1.2990	1.1235	1.6138	1.9227
Ba-139	0.1745	0.2051	0.2415	0.2943	0.3009	0.2769	0.2784	0.4444
Ba-140	0.4419	0.4376	0.7704	0.6439	0.6657	0.6058	0.8124	0.9879
Ba-141	1.3712	1.5180	1.9554	2.3801	2.4516	2.2701	3.0037	3.0824
Ba-142	1.2275	1.3782	1.6649	2.1040	2.2264	2.0236	2.6419	2.7770
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.0730	0.0849	0.1442	0.1419	0.1264	0.1261	0.1813	0.2153
Bi-197	1.9460	1.9471	2.4196	2.8727	3.0410	2.6007	3.6407	3.7467
Bi-200	3.5905	3.9356	5.5744	6.0903	6.0289	5.6133	7.6952	8.4717
Bi-201	2.0196	2.0107	2.4411	2.9286	3.1204	2.6777	3.7530	3.7857
Bi-202	3.4891	3.6917	4.6229	5.7017	5.7729	5.1570	7.2600	7.9529
Bi-203	2.5814	2.5689	3.0309	3.7597	3.9840	3.4626	4.8031	4.7401
Bi-204	3.4949	3.7372	4.5399	5.7193	5.8699	5.1806	7.2458	7.5848
Bi-205	2.0008	1.9377	2.3941	2.7804	2.9676	2.5811	3.6851	3.6761

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Bi-206	4.1810	4.3381	5.4587	6.7024	6.8216	6.0140	8.2230	8.6563
Bi-207	2.1224	2.1434	2.8109	3.2171	3.3237	2.9111	4.2313	4.5939
Bi-208	1.5088	1.3239	1.7218	1.8899	2.1294	1.7315	2.3912	2.0658
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	0.7533	0.7954	1.1708	1.2515	1.3182	1.2467	1.5970	1.4246
Bi-211	0.1091	0.1183	0.1722	0.1923	0.1927	0.1728	0.2672	0.2546
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	0.1583	0.1461	0.2359	0.2190	0.2209	0.1913	0.2533	0.2933
Bi-213	0.2272	0.2541	0.3989	0.4142	0.3812	0.3698	0.5226	0.6160
Bi-214	1.1691	1.1881	1.2769	1.8371	1.8814	1.6872	2.4897	2.6008
Bi-215	0.5633	0.5747	0.7966	0.8889	0.9401	0.8441	1.1715	1.0777
Bi-216	1.1189	1.2115	1.8327	2.0028	1.8578	1.7806	2.5817	3.0826
Bk-245	1.4826	1.5135	2.0934	1.8861	2.2197	2.0062	2.2229	2.5388
Bk-246	1.6528	1.6847	2.1083	2.3356	2.5416	2.2305	2.5995	2.9478
Bk-247	0.8059	0.7916	1.0471	1.0626	1.2347	1.0996	1.3165	1.2914
Bk-248m	0.3356	0.3253	0.4657	0.3908	0.4598	0.4130	0.4651	0.5508
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	0.8069	0.9515	1.0375	1.3976	1.4582	1.3226	1.8330	1.9511
Bk-251	0.7086	0.7244	1.0215	0.8547	1.0178	0.9095	1.0018	1.2344
Br-72	1.5382	1.6823	1.8671	2.6813	2.6910	2.3907	3.3196	3.4829
Br-73	0.7780	0.8343	1.0244	1.2334	1.3190	1.1177	1.5641	1.6051
Br-74	1.9848	1.9168	2.0831	3.0378	3.0479	2.6568	3.5321	3.7795
Br-74m	2.4132	2.3501	2.5136	3.7572	3.8006	3.3217	4.6796	5.1475
Br-75	1.0333	1.1125	1.6735	1.7809	1.8124	1.7084	2.2821	2.1910
Br-76	1.7613	1.7412	2.2824	2.7136	2.6903	2.4239	3.4602	3.7581
Br-76m	0.7390	0.6378	1.0682	0.7561	0.9171	0.6946	0.7742	1.1291
Br-77	0.9183	0.8757	1.6565	1.3232	1.2851	1.2207	1.5004	1.7633
Br-77m	0.3781	0.3069	0.5609	0.3709	0.3952	0.3375	0.3733	0.5361
Br-78	0.1462	0.1332	0.1870	0.2115	0.2096	0.1854	0.2718	0.3347
Br-80	0.0934	0.0838	0.1216	0.1324	0.1311	0.1151	0.1665	0.2069
Br-80m	0.6976	0.5611	1.0132	0.6176	0.7483	0.6133	0.6524	0.9732
Br-82m	0.3008	0.2236	0.4736	0.2702	0.2629	0.2304	0.2440	0.3938
Br-82	2.6574	2.7956	3.1527	4.5920	4.5538	4.0405	5.6119	6.2785
Br-83	0.0098	0.0107	0.0172	0.0177	0.0163	0.0157	0.0230	0.0271
Br-84m	2.3457	2.6253	3.0748	4.1681	4.0923	3.7911	5.3781	5.7944
Br-84	0.9707	1.0219	1.0384	1.5919	1.6101	1.4170	1.9041	1.8783
Br-85	0.0571	0.0641	0.0660	0.1035	0.1039	0.0916	0.1205	0.1269
C-10	0.8363	0.8437	0.8741	1.4183	1.4148	1.2217	1.6400	1.8788
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	0.0297	0.0186	0.0965	0.0261	0.0213	0.0157	0.0226	0.0371
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	0.6543	0.7077	0.7488	1.1661	1.1619	1.0109	1.4757	1.5815

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Ca-49	0.9456	0.9170	0.8991	1.4644	1.3880	1.1354	1.1357	1.2132
Cd-101	1.7184	1.6871	1.8114	2.3427	2.6172	2.3402	3.1234	3.1191
Cd-102	1.2871	1.3060	1.8008	1.8877	1.9826	1.9012	2.4448	2.7177
Cd-103	1.4831	1.4106	1.5028	1.9425	2.1775	2.0011	2.6499	2.5518
Cd-104	1.1315	0.9278	1.0086	1.1201	1.4585	1.2951	1.4797	1.4246
Cd-105	1.0167	0.9551	1.0272	1.3074	1.4793	1.3668	1.8009	1.7248
Cd-107	0.6608	0.4764	0.5204	0.4349	0.7126	0.6894	0.5824	0.5238
Cd-109	0.6153	0.4403	0.4847	0.3985	0.6574	0.6377	0.5364	0.4787
Cd-111m	1.1495	1.1910	1.6541	1.7189	1.8758	1.9090	1.8703	2.0010
Cd-113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0005	0.0004	0.0005	0.0005	0.0007	0.0006	0.0006	0.0006
Cd-115	0.3076	0.3305	0.5298	0.5327	0.5056	0.4927	0.6888	0.7954
Cd-115m	0.0249	0.0290	0.0310	0.0464	0.0464	0.0413	0.0583	0.0627
Cd-117	1.0615	1.1459	1.3806	1.7910	1.8445	1.7045	2.3791	2.3431
Cd-117m	1.3784	1.4642	1.5653	2.2338	2.2826	2.0599	2.9913	2.9516
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	1.3477	1.4307	1.6557	2.1718	2.2771	2.0807	3.0272	2.7965
Cd-119m	1.5907	1.6969	1.7972	2.5903	2.6613	2.3942	3.4597	3.4640
Ce-130	1.2173	1.3333	1.7218	1.6833	2.1415	1.8188	2.2358	2.6032
Ce-131	1.6292	1.7352	2.2495	2.5133	2.7209	2.4519	3.2095	3.7097
Ce-132	1.1296	1.2514	1.6221	1.6374	1.9589	1.7400	1.8661	2.3911
Ce-133	1.0847	1.0467	1.3380	1.1205	1.7122	1.3240	1.5939	1.8339
Ce-133m	2.2657	2.4330	3.1529	3.4339	3.8483	3.3692	4.5936	5.1175
Ce-134	0.3606	0.3496	0.4792	0.2955	0.5861	0.4314	0.4755	0.6083
Ce-135	1.6847	1.7689	2.3948	2.5698	2.9105	2.5992	3.3275	3.5769
Ce-137	0.4253	0.3985	0.6603	0.3648	0.6500	0.4842	0.5497	0.7137
Ce-137m	0.3648	0.3652	0.5237	0.3935	0.6075	0.4962	0.5346	0.6263
Ce-139	0.8865	0.9754	1.2221	1.2187	1.4924	1.2791	1.3152	1.9840
Ce-141	0.3507	0.4176	0.4969	0.5502	0.6196	0.5400	0.5993	0.9125
Ce-143	0.8186	0.8593	1.1467	1.1749	1.4562	1.2203	1.5968	1.6036
Ce-144	0.1062	0.1202	0.1490	0.1400	0.1866	0.1520	0.1861	0.2406
Ce-145	1.3881	1.4439	1.7476	2.0469	2.3892	1.9935	2.5739	2.8978
Cf-244	0.0667	0.0572	0.0952	0.0610	0.0712	0.0691	0.0617	0.0758
Cf-246	0.0458	0.0393	0.0653	0.0419	0.0490	0.0475	0.0425	0.0521
Cf-247	1.0414	0.9999	1.5030	1.1470	1.3800	1.2372	1.3346	1.5992
Cf-248	0.0549	0.0472	0.0782	0.0505	0.0590	0.0572	0.0512	0.0627
Cf-249	0.7611	0.8432	1.2553	1.3247	1.2767	1.2299	1.6785	1.8872
Cf-250	0.0501	0.0448	0.0701	0.0521	0.0588	0.0562	0.0563	0.0661
Cf-251	0.8549	0.8674	1.1998	1.0766	1.2437	1.1259	1.2084	1.4556
Cf-252	0.4256	0.4473	0.5450	0.6785	0.6943	0.6327	0.8503	0.9030
Cf-253	0.1457	0.1214	0.2220	0.1265	0.1571	0.1491	0.1352	0.1570
Cf-254	14.1295	15.1443	17.8708	23.5511	23.8978	21.6858	29.8801	31.4750
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Cl-34	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34m	0.9098	0.9580	1.0120	1.3955	1.4246	1.2779	1.6691	1.7612
Cl-36	0.0002	0.0001	0.0008	0.0002	0.0002	0.0001	0.0002	0.0003
Cl-38	0.7807	0.7584	0.7619	1.0441	1.1325	1.0437	1.5675	1.2974
Cl-39	1.1684	1.2564	1.4624	1.9540	2.0199	1.9022	2.4971	2.4929
Cl-40	1.8208	1.8028	1.8311	2.7234	2.8268	2.4702	3.4386	3.2717
Cm-238	0.7124	0.7039	0.9372	0.8254	1.0136	0.8710	0.9773	1.1568
Cm-239	1.4326	1.5234	1.9762	1.9735	2.2279	2.0154	2.1476	2.6609
Cm-240	0.0769	0.0663	0.1092	0.0715	0.0815	0.0783	0.0710	0.0907
Cm-241	1.7875	1.8228	2.8098	2.4622	2.6010	2.4084	2.9362	3.5440
Cm-242	0.0690	0.0596	0.0980	0.0641	0.0731	0.0703	0.0637	0.0814
Cm-243	0.9196	0.8953	1.3529	1.1393	1.3056	1.1827	1.2966	1.4465
Cm-244	0.0593	0.0511	0.0842	0.0551	0.0628	0.0604	0.0547	0.0699
Cm-245	0.9488	0.9260	1.2614	1.1079	1.3212	1.1481	1.2507	1.5235
Cm-246	0.0503	0.0440	0.0709	0.0490	0.0552	0.0528	0.0500	0.0625
Cm-247	0.5561	0.6578	0.9836	1.0990	0.9926	0.9881	1.3648	1.6538
Cm-248	1.1455	1.2186	1.4558	1.8770	1.9097	1.7355	2.3696	2.5057
Cm-249	0.0816	0.0630	0.2010	0.0935	0.0862	0.0719	0.1029	0.1394
Cm-250	11.1583	11.9564	14.1132	18.5827	18.8592	17.1150	23.5877	24.8356
Cm-251	0.2257	0.2391	0.3527	0.3545	0.3577	0.3342	0.4493	0.5271
Co-54m	2.1954	2.4893	2.8913	3.9811	3.8975	3.5931	5.2576	5.7457
Co-55	1.0147	1.1593	1.3643	1.8369	1.8270	1.6459	2.3239	2.4977
Co-56	2.1643	2.2838	2.5590	3.6431	3.6601	3.1697	4.3089	4.4438
Co-57	0.7513	0.7906	1.4700	0.9869	1.1189	0.9438	1.2332	1.6040
Co-58	0.9006	0.9376	1.2111	1.5736	1.5386	1.3109	1.6158	1.7843
Co-58m	0.1191	0.0746	0.3866	0.1045	0.0855	0.0632	0.0906	0.1488
Co-60	1.4967	1.6544	1.6583	2.6670	2.6987	2.3492	3.4806	3.6766
Co-60m	0.1417	0.0942	0.4364	0.1300	0.1144	0.0831	0.1185	0.1811
Co-61	0.5094	0.5059	0.5261	0.6055	0.8022	0.5663	0.8058	0.6161
Co-62	0.9042	0.9956	1.0132	1.5776	1.6080	1.4017	2.0488	2.0929
Co-62m	1.6035	1.7809	1.7949	2.8024	2.8401	2.5036	3.6744	3.7580
Cr-48	1.3527	1.4651	2.0586	2.1482	2.4043	2.0665	2.9985	2.8030
Cr-49	0.6434	0.6599	0.7441	0.8676	1.0127	0.8250	1.0018	1.1660
Cr-51	0.1351	0.1173	0.3233	0.1865	0.1807	0.1509	0.2451	0.2377
Cr-55	0.0004	0.0004	0.0004	0.0006	0.0006	0.0006	0.0009	0.0008
Cr-56	0.9879	0.7694	0.9755	0.8986	1.2490	1.0049	1.2973	1.1235
Cs-121	0.5301	0.5758	0.7365	0.8449	0.8999	0.8318	1.0055	1.2018
Cs-121m	0.9515	1.0497	1.3846	1.5392	1.6483	1.5411	1.8140	2.0899
Cs-123	0.8372	0.8070	0.9928	1.0771	1.3187	1.1224	1.4466	1.5847
Cs-124	0.2986	0.3245	0.4309	0.5073	0.5250	0.4771	0.7012	0.6982
Cs-125	0.7011	0.6938	0.9447	0.9243	1.1047	0.9742	1.2759	1.4614
Cs-126	0.4880	0.5439	0.7577	0.8481	0.8447	0.7984	1.1050	1.2704
Cs-127	1.0291	1.0703	1.5024	1.4575	1.6825	1.5314	1.9775	2.3507

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Cs-128	0.3580	0.3739	0.5466	0.5290	0.5814	0.5375	0.7124	0.8402
Cs-129	0.9889	0.9629	1.3215	1.1976	1.5624	1.3657	1.7184	1.9498
Cs-130m	0.7713	0.6936	0.9285	0.7113	1.1410	0.8722	1.0549	1.1719
Cs-130	0.2667	0.2314	0.2987	0.2195	0.3827	0.3122	0.3512	0.4013
Cs-131	0.3917	0.3233	0.4114	0.2498	0.5448	0.4271	0.4369	0.5049
Cs-132	1.2735	1.1752	1.3209	1.6620	1.9642	1.6660	2.2191	2.6128
Cs-134	1.8295	1.8746	2.1375	3.1365	3.0894	2.7216	3.7207	4.2800
Cs-134m	0.2751	0.2554	0.4672	0.2588	0.3926	0.3097	0.3679	0.4757
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	1.5670	1.7170	1.7417	2.8885	2.8704	2.4654	3.0531	3.3027
Cs-136	0.8423	0.8368	0.8321	0.8851	1.2109	1.1928	1.2538	1.2520
Cs-137	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-138m	0.6455	0.6690	0.8924	0.8853	1.0532	0.9353	1.1930	1.3413
Cs-138	1.6205	1.7504	1.9991	2.6776	2.7238	2.4925	3.6438	3.7173
Cs-139	0.1755	0.1788	0.1860	0.2776	0.2850	0.2513	0.3661	0.3648
Cs-140	1.2060	1.2055	1.3282	1.8722	1.9095	1.7016	2.4625	2.5573
Cu-57	0.0763	0.0884	0.0899	0.1409	0.1424	0.1248	0.1787	0.1900
Cu-59	0.3711	0.4127	0.4920	0.6765	0.6663	0.5974	0.8623	0.9056
Cu-60	1.7423	1.8109	1.8640	2.7632	2.8256	2.5227	3.6346	3.5565
Cu-61	0.3447	0.3350	0.5660	0.5287	0.5342	0.4725	0.6592	0.7023
Cu-62	0.0081	0.0073	0.0168	0.0113	0.0108	0.0091	0.0129	0.0151
Cu-64	0.0749	0.0485	0.2354	0.0688	0.0575	0.0433	0.0626	0.0977
Cu-66	0.0695	0.0863	0.0871	0.1334	0.1361	0.1220	0.1781	0.1887
Cu-67	0.5056	0.5425	0.7330	0.7694	0.8255	0.7493	0.8090	0.9790
Cu-69	0.4436	0.5130	0.5551	0.8132	0.8159	0.7322	1.0377	1.1208
Dy-148	1.2272	1.2002	1.4846	1.7968	2.0280	1.6391	2.3251	2.8729
Dy-149	1.8536	1.9514	2.3183	2.7769	3.2026	2.6194	3.4734	3.8252
Dy-150	0.6489	0.7460	1.1177	1.1430	1.1872	1.0404	1.3981	1.7772
Dy-151	1.7125	1.8500	2.4545	2.7709	2.9824	2.5410	3.4718	3.9828
Dy-152	1.1268	1.2252	1.8570	1.7825	2.0568	1.8824	2.0221	2.1187
Dy-153	1.9052	2.0343	2.7795	2.8226	3.3893	2.7342	3.4547	3.9749
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	1.3430	1.4784	2.0026	2.1114	2.4397	2.1061	2.4613	2.7556
Dy-157	1.0392	1.1314	1.6175	1.6988	1.9823	1.5777	2.3775	2.2674
Dy-159	0.4486	0.4684	0.7023	0.5485	0.8325	0.5405	0.6446	0.8679
Dy-165m	0.1406	0.1241	0.3205	0.1658	0.1878	0.1393	0.1821	0.2460
Dy-165	0.0975	0.1008	0.1387	0.1370	0.1710	0.1274	0.1656	0.1959
Dy-166	0.3900	0.3810	0.6303	0.4832	0.6525	0.4384	0.5680	0.6958
Dy-167	1.0897	1.1664	1.6731	1.8365	1.9254	1.7447	2.3208	2.4534
Dy-168	0.8945	0.9945	1.4804	1.5055	1.5697	1.3883	1.7748	2.1937
Er-154	0.6021	0.5400	0.8804	0.6096	0.9387	0.6455	0.7378	0.9344
Er-156	0.7153	0.6822	1.3644	0.8199	1.1363	0.7727	0.9438	1.2777
Er-159	1.4258	1.4676	1.8744	2.1843	2.4359	1.9992	2.7082	3.1916



Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Er-161	1.4073	1.5305	1.9355	2.3061	2.5737	2.0586	2.6090	2.9734
Er-163	0.3708	0.3960	0.6144	0.4927	0.7093	0.4457	0.5495	0.7479
Er-165	0.3587	0.3818	0.5990	0.4748	0.6829	0.4288	0.5286	0.7207
Er-167m	0.3867	0.4274	0.6639	0.6122	0.6874	0.6126	0.6429	0.7188
Er-169	0.0034	0.0022	0.0111	0.0030	0.0025	0.0018	0.0026	0.0043
Er-171	1.1222	1.2322	1.7740	1.8656	2.1027	1.7456	2.5295	2.3672
Er-172	1.0718	1.1494	1.6379	1.7703	1.8704	1.5573	2.1851	2.6947
Er-173	1.6484	1.8921	2.3901	2.7381	3.0402	2.5984	3.0611	3.4972
Es-249	1.2676	1.3522	1.8420	1.8306	2.0034	1.8152	2.2523	2.6108
Es-250	3.7853	3.8028	5.2020	4.9992	5.6135	5.0526	5.8641	6.5264
Es-250m	1.1311	1.2011	1.5018	1.5462	1.7702	1.5725	1.9317	2.1966
Es-251	0.9136	0.9098	1.3262	1.0484	1.2619	1.1300	1.2300	1.4940
Es-253	0.0181	0.0155	0.0277	0.0169	0.0197	0.0188	0.0176	0.0215
Es-254	0.6350	0.5287	1.0631	0.5791	0.6631	0.6186	0.5886	0.7310
Es-254m	0.8323	0.7732	0.9342	1.1581	1.2246	1.0894	1.4271	1.6685
Es-255	0.0006	0.0006	0.0007	0.0010	0.0010	0.0009	0.0012	0.0013
Es-256	0.0925	0.0747	0.1231	0.0748	0.0994	0.0955	0.0841	0.0921
Eu-142	0.2076	0.2118	0.2249	0.3172	0.3440	0.2947	0.3958	0.4021
Eu-142m	2.6416	2.9027	3.4794	4.6630	4.6505	4.1463	5.7745	6.4468
Eu-143	0.3360	0.3476	0.3933	0.4601	0.5538	0.4643	0.6383	0.6550
Eu-144	0.1683	0.1680	0.1846	0.2171	0.2637	0.2260	0.3174	0.3062
Eu-145	1.3618	1.4393	1.6240	2.0407	2.3278	1.9627	2.6230	2.8177
Eu-146	2.6780	2.6897	2.9552	4.1728	4.4440	3.7963	5.2213	5.9002
Eu-147	1.0827	1.1603	1.4554	1.5104	1.9018	1.5504	1.8842	2.2108
Eu-148	2.9974	3.0821	3.9511	4.8042	4.9570	4.4063	6.3018	7.3569
Eu-149	0.4812	0.4663	0.7492	0.5301	0.7830	0.5855	0.6967	0.8263
Eu-150	2.4933	2.7138	3.7673	4.2964	4.4108	3.9372	5.7201	6.1885
Eu-150m	0.0945	0.1021	0.1420	0.1461	0.1691	0.1420	0.1971	0.2132
Eu-152	1.4865	1.6469	2.0006	2.3756	2.6769	2.2836	3.1105	3.3669
Eu-152m	0.3990	0.4447	0.5177	0.6288	0.7280	0.6022	0.7853	0.8752
Eu-152n	0.7023	0.6253	0.9784	0.7752	0.9870	0.7567	0.9762	1.0286
Eu-154	1.2946	1.4562	1.6569	2.1934	2.3510	2.0236	2.7622	3.0972
Eu-154m	0.7309	0.6689	1.1312	0.7712	1.0511	0.7679	0.9643	1.0512
Eu-155	0.4895	0.4690	0.6041	0.5728	0.7624	0.5776	0.7318	0.7868
Eu-156	0.9473	0.9913	1.0787	1.5083	1.5855	1.3715	1.9367	1.9839
Eu-157	0.8584	0.9101	1.3563	1.2779	1.4772	1.1840	1.6072	1.8594
Eu-158	1.1527	1.2809	1.4271	1.9572	2.0581	1.7755	2.4729	2.6234
Eu-159	0.9583	0.9735	1.2352	1.2558	1.6312	1.2188	1.5526	1.7910
F-17	0.0003	0.0003	0.0003	0.0005	0.0005	0.0004	0.0006	0.0006
F-18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-52	0.6688	0.7808	1.0248	1.1719	1.1231	1.0609	1.0602	1.6896
Fe-53	0.2920	0.3409	0.5026	0.5773	0.5320	0.5139	0.7554	0.8384
Fe-53m	2.3063	2.4988	2.5484	3.9797	4.0533	3.5619	5.1346	5.4929

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Fe-55	0.0986	0.0618	0.3207	0.0867	0.0707	0.0522	0.0751	0.1233
Fe-59	0.7577	0.8713	0.8846	1.3957	1.4109	1.2372	1.8040	1.9306
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	1.0418	1.1902	1.2839	1.8576	1.9095	1.7065	2.4884	2.5055
Fe-62	0.7205	0.8218	1.4191	1.3647	1.2269	1.2138	1.7619	2.0652
Fm-251	0.8356	0.8529	1.2753	1.0367	1.2185	1.0815	1.2600	1.5200
Fm-252	0.0476	0.0402	0.0655	0.0416	0.0517	0.0501	0.0444	0.0509
Fm-253	0.7569	0.7169	1.1165	0.8079	0.9840	0.9021	0.9413	1.1066
Fm-254	0.0538	0.0467	0.0734	0.0516	0.0619	0.0594	0.0569	0.0641
Fm-255	0.5125	0.4361	0.7844	0.4634	0.5522	0.5254	0.4828	0.5732
Fm-256	10.4995	11.2548	13.2835	17.5149	17.7696	16.1235	22.1884	23.4043
Fm-257	0.9430	0.9435	1.3503	1.1429	1.3444	1.2342	1.3183	1.5446
Fr-212	1.7265	1.7228	2.2909	2.5089	2.6680	2.3629	3.0027	3.2260
Fr-219	0.0082	0.0088	0.0130	0.0141	0.0139	0.0127	0.0184	0.0194
Fr-220	0.1329	0.1125	0.1923	0.1408	0.1561	0.1309	0.1574	0.1891
Fr-221	0.1186	0.1249	0.1769	0.1801	0.1938	0.1871	0.1975	0.2026
Fr-222	0.7369	0.7645	1.0865	1.0341	1.1306	1.0625	1.1191	1.2466
Fr-223	0.5122	0.4969	0.7114	0.6294	0.7783	0.5962	0.6929	0.8576
Fr-224	0.8479	0.9104	1.1537	1.3203	1.3971	1.2870	1.5551	1.6794
Fr-227	1.3828	1.3506	1.7824	1.8769	2.0655	1.7775	2.3432	2.5855
Ga-64	1.2519	1.3478	1.3710	2.0761	2.1123	1.8597	2.5559	2.5458
Ga-65	0.7061	0.7428	1.1080	1.0000	1.1324	0.9308	1.1862	1.4206
Ga-66	0.9334	0.9414	1.2181	1.4580	1.4586	1.2526	1.6970	1.7175
Ga-67	0.8899	0.8098	1.7254	1.1531	1.2111	1.0352	1.3188	1.4882
Ga-68	0.0509	0.0471	0.1108	0.0712	0.0681	0.0580	0.0845	0.0999
Ga-70	0.0076	0.0088	0.0118	0.0133	0.0133	0.0120	0.0161	0.0187
Ga-72	1.9458	2.0151	2.0918	3.1898	3.2762	2.8624	3.9286	3.9444
Ga-73	1.0919	1.0544	2.1921	1.6732	1.7012	1.4886	2.1583	2.0416
Ga-74	2.2245	2.2038	2.5102	3.4294	3.5095	3.1322	4.5816	4.7299
Gd-142	0.7134	0.7591	0.9688	1.1015	1.2317	1.0656	1.3931	1.5400
Gd-143m	1.9913	2.1264	2.7206	3.1747	3.4935	3.1109	3.9970	4.1181
Gd-144	0.4864	0.4902	0.6225	0.6645	0.8239	0.6555	0.8904	0.9292
Gd-145m	0.8857	0.8702	1.1030	1.4109	1.4435	1.2293	1.6432	1.8879
Gd-145	1.4133	1.4304	1.5421	1.9563	2.2100	1.9236	2.7156	2.5419
Gd-146	1.6289	1.7696	2.2917	2.1186	2.8494	2.1959	2.5513	3.4106
Gd-147	2.2263	2.4630	3.2004	3.7395	4.0066	3.5870	4.5308	5.0075
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	1.4365	1.5763	2.0967	2.2550	2.5836	2.1641	2.7590	3.2172
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	0.5587	0.5572	0.9006	0.6631	0.9205	0.6945	0.7793	1.0151
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	0.9394	0.9352	1.2408	1.0568	1.5686	1.1376	1.3280	1.6027
Gd-159	0.1776	0.1956	0.2828	0.2783	0.3319	0.2597	0.3563	0.4054

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Gd-162	0.7089	0.8244	1.3378	1.3739	1.2386	1.2213	1.7232	2.0975
Ge-66	1.2010	1.2106	2.2614	1.8137	1.8711	1.6494	2.1882	2.5132
Ge-67	0.7912	0.9133	1.0803	1.3882	1.3527	1.2572	1.3986	1.9579
Ge-68	0.2433	0.1528	0.7849	0.2138	0.1750	0.1297	0.1853	0.3045
Ge-69	0.7456	0.7480	1.2973	1.1743	1.1463	1.0005	1.4437	1.6369
Ge-71	0.2468	0.1550	0.7960	0.2169	0.1775	0.1315	0.1879	0.3088
Ge-75	0.1006	0.1118	0.1664	0.1770	0.1832	0.1856	0.2067	0.1938
Ge-77	1.7119	1.8998	2.5666	3.0266	3.0389	2.9373	3.6164	3.8201
Ge-78	0.7526	0.8324	1.2280	1.3457	1.3992	1.3725	1.6990	1.4819
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	0.7324	0.7916	1.1543	1.1967	1.3654	1.0700	1.6506	1.4772
Hf-169	1.1276	1.2496	2.0691	1.8761	1.9557	1.6543	2.3317	2.7057
Hf-170	1.4697	1.5322	2.3424	2.1509	2.4378	1.9113	2.4934	3.0704
Hf-172	1.0843	1.0201	1.8352	1.2397	1.6373	1.1297	1.4466	1.6615
Hf-173	1.5392	1.7480	2.4442	2.3697	2.8204	2.2301	3.0350	3.3294
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	1.1133	1.2056	1.8264	1.8003	2.0218	1.5911	2.3676	2.3538
Hf-177m	6.6478	7.2658	10.6452	11.0221	11.8302	10.5340	13.7219	13.6562
Hf-178m	5.1503	5.5351	8.4662	8.5989	8.7500	8.0462	10.7465	11.4641
Hf-179m	2.6218	2.9174	4.5308	4.3605	4.5442	4.0053	5.2339	5.9670
Hf-180m	2.4795	2.7408	4.1692	4.2260	4.3820	3.9275	5.3230	5.4783
Hf-181	1.1550	1.3181	2.1184	1.9895	1.9879	1.7971	2.5205	2.9788
Hf-182	0.7666	0.8406	1.2533	1.2999	1.3757	1.3195	1.5431	1.4718
Hf-182m	2.1115	2.2937	3.3989	3.4222	3.6436	3.1283	4.1589	4.5131
Hf-183	1.2168	1.2724	1.5675	1.9767	2.0612	1.7268	2.2935	2.4166
Hf-184	1.1381	1.1289	2.3011	1.5977	1.6869	1.3960	1.8593	2.2754
Hg-190	1.3775	1.3522	2.0807	1.7635	1.9753	1.5996	2.0373	2.4177
Hg-191m	2.8200	2.8513	4.2318	4.2734	4.4600	4.0386	5.3086	5.4320
Hg-192	1.5398	1.4592	2.3843	2.0081	2.2485	1.8943	2.4499	2.3531
Hg-193	1.6337	1.5952	2.3248	2.2546	2.4376	2.0544	2.7668	2.8015
Hg-193m	1.6282	1.6457	2.3224	2.4488	2.5403	2.2058	3.1334	3.3077
Hg-194	0.1564	0.1056	0.4017	0.1383	0.1220	0.0981	0.1218	0.1984
Hg-195	0.9802	0.8651	1.4901	1.1309	1.2900	0.9938	1.3491	1.3512
Hg-195m	1.1284	0.9953	2.0476	1.3806	1.4585	1.2580	1.5831	1.7047
Hg-197	0.8818	0.7373	1.3403	0.9178	1.0855	0.8082	1.1354	1.0798
Hg-197m	0.7654	0.7065	1.3182	0.9160	1.0126	0.8275	1.0831	1.2609
Hg-199m	1.0459	1.0251	1.5703	1.4335	1.4865	1.2596	1.5481	1.9765
Hg-203	0.7310	0.7770	1.1554	1.2200	1.2889	1.2266	1.5504	1.3573
Hg-205	0.0204	0.0218	0.0301	0.0310	0.0338	0.0316	0.0339	0.0344
Hg-206	0.3333	0.3418	0.4868	0.5392	0.5769	0.5022	0.7619	0.6430
Hg-207	2.2419	2.4213	2.7833	3.6064	3.7553	3.4129	5.1422	4.8802
Ho-150	1.1743	1.2489	1.3558	2.0627	2.0850	1.7796	2.3062	2.5941
Ho-153	1.1744	1.2711	1.7078	1.9425	2.1595	1.8217	2.5103	2.5162

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Ho-153m	1.3163	1.4441	1.9980	2.1349	2.3432	2.0056	2.5416	3.0009
Ho-154m	3.0250	3.4308	4.9613	5.6361	5.4967	5.0260	7.2926	8.0176
Ho-154	1.6134	1.7805	2.3230	2.8489	2.9319	2.5788	3.8564	3.9018
Ho-155	1.0396	1.1230	1.6410	1.5717	1.8542	1.5115	1.8728	2.1730
Ho-156	2.1664	2.3847	3.0278	3.5528	3.8600	3.3942	4.3892	4.7614
Ho-157	1.5404	1.6705	2.3751	2.3631	2.8182	2.2342	2.8506	3.2482
Ho-159	1.5647	1.7396	2.4123	2.3151	2.8978	2.2486	2.7880	3.3436
Ho-160	2.2693	2.4447	2.9163	3.7120	4.0467	3.3490	4.4566	5.0852
Ho-161	0.6837	0.6152	0.9735	0.6996	1.0611	0.7431	0.8489	1.0590
Ho-162	0.5415	0.5528	0.8503	0.6954	0.9625	0.6471	0.8203	1.0404
Ho-162m	1.1442	1.2192	1.8200	1.7229	2.0151	1.5860	1.9914	2.3672
Ho-163	0.0040	0.0025	0.0129	0.0035	0.0028	0.0021	0.0030	0.0049
Ho-164	0.2910	0.2980	0.4757	0.3635	0.5225	0.3392	0.4177	0.5505
Ho-164m	0.5646	0.5390	1.1233	0.6654	0.9031	0.5858	0.7318	1.0030
Ho-166	0.1340	0.1214	0.2280	0.1608	0.1978	0.1396	0.1936	0.2201
Ho-166m	2.5582	2.7511	3.4634	4.3854	4.4794	3.9494	4.9305	5.5863
Ho-167	0.8578	0.9562	1.4004	1.5451	1.6038	1.4049	2.1008	2.0248
Ho-168	1.0568	1.1057	1.2889	1.7921	1.8300	1.5494	1.9775	2.2002
Ho-168m	0.1168	0.0993	0.2853	0.1292	0.1546	0.1016	0.1314	0.1912
Ho-170	2.1865	2.4663	3.0609	3.7863	3.9916	3.4924	4.4546	4.8872
I-118m	3.4147	3.4556	4.0032	5.5907	5.6258	5.0116	7.2933	8.4187
I-118	1.2063	1.2009	1.4201	1.9235	1.9404	1.7405	2.5546	2.9127
I-119	1.1001	1.1085	1.5656	1.6077	1.8226	1.7934	1.9510	1.8918
I-120	1.5589	1.5288	1.8312	2.3110	2.4108	2.1744	3.0896	3.2701
I-120m	3.0497	3.0407	3.7017	4.8368	4.8752	4.3996	6.4309	7.3469
I-121	1.1155	1.0856	1.4248	1.4118	1.7519	1.6558	1.7123	1.7649
I-122	0.2887	0.2644	0.3412	0.3715	0.4267	0.3826	0.5069	0.5716
I-123	1.0620	1.0241	1.1949	1.2789	1.5524	1.3986	1.3752	2.0411
I-124	1.2107	1.0953	1.2569	1.5339	1.7754	1.5730	2.1486	2.3545
I-125	0.8643	0.6158	0.7366	0.4630	1.0434	0.8687	0.8284	0.8380
I-126	0.8122	0.7829	0.9837	1.1637	1.2676	1.1487	1.5277	1.7635
I-128	0.1290	0.1368	0.2093	0.2095	0.2093	0.2024	0.2733	0.3237
I-129	0.4049	0.3404	0.4227	0.2669	0.5760	0.4479	0.4604	0.5340
I-130m	0.2490	0.2303	0.3660	0.3105	0.3613	0.3241	0.4275	0.4965
I-130	2.1229	2.1098	2.0928	2.1504	3.0253	3.0082	3.0020	3.2686
I-131	0.7182	0.8022	1.1268	1.3324	1.3014	1.2122	1.8020	1.8675
I-132	2.4428	2.5143	2.7447	4.1532	4.1390	3.6386	5.0225	5.6769
I-132m	0.6920	0.6430	0.8229	0.9222	1.0368	0.9036	1.1323	1.3348
I-133	0.7925	0.8669	1.3167	1.4326	1.3381	1.2730	1.8416	2.1481
I-134m	1.1326	1.1062	1.5189	1.4706	1.8588	1.7103	1.9331	1.8511
I-134	2.3797	2.6492	2.8451	4.2754	4.2763	3.7963	5.1411	5.5768
I-135	1.0747	1.1715	1.2457	1.8209	1.8551	1.6694	2.4344	2.4819
In-103	1.6694	1.7766	1.9620	2.7405	2.8104	2.5500	3.2446	3.4802

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
In-105	1.4311	1.4931	1.7228	2.1931	2.3583	2.1447	2.7673	2.9992
In-106	2.8934	3.0808	3.3776	4.9079	4.9702	4.4454	6.2450	6.9755
In-106m	1.5455	1.4727	1.5293	2.2677	2.3508	2.0866	3.0197	3.2344
In-107	1.4010	1.3957	1.6711	2.0013	2.1970	2.0536	2.5639	2.5067
In-108	3.8356	3.9863	4.3447	6.1792	6.4496	5.8265	7.8940	8.3865
In-108m	1.6412	1.5205	1.5770	2.2706	2.3995	2.1368	2.9316	3.0915
In-109	1.3518	1.3004	1.5485	1.7757	2.0596	1.9464	2.1665	2.2068
In-109m	0.8459	0.7897	0.8381	1.2875	1.3172	1.1509	1.6768	1.9972
In-110	3.5785	3.6480	3.8487	5.6959	5.9342	5.2621	7.1178	7.8847
In-110m	1.1664	1.0652	1.1254	1.6459	1.7515	1.5426	2.1322	2.4104
In-111	1.8060	1.8345	2.3957	2.5761	2.8405	2.8381	2.7278	3.1382
In-111m	0.7220	0.7527	1.1598	1.2143	1.1596	1.1099	1.5929	1.8647
In-112	0.2073	0.1533	0.1687	0.1691	0.2437	0.2268	0.2389	0.2414
In-112m	0.4464	0.3254	0.3622	0.3247	0.5106	0.4749	0.4232	0.4719
In-113m	0.5830	0.6072	0.8660	0.9440	0.9332	0.9187	1.2196	1.4218
In-114	0.0038	0.0032	0.0035	0.0040	0.0050	0.0046	0.0054	0.0055
In-114m	0.3866	0.3163	0.3853	0.3762	0.5028	0.4711	0.4691	0.4903
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	0.5281	0.4848	0.6424	0.6984	0.8181	0.7403	1.0418	0.9014
In-116m	1.6507	1.8283	1.9706	2.9099	2.9122	2.6034	3.7788	3.9898
In-117	1.3991	1.5280	2.0159	2.3975	2.2900	2.1554	2.7056	3.7169
In-117m	0.3648	0.3488	0.4289	0.4933	0.5645	0.5098	0.6418	0.6632
In-118m	2.0544	2.2835	2.3825	3.6927	3.7116	3.2635	4.7163	5.1483
In-118	0.0491	0.0542	0.0582	0.0895	0.0887	0.0773	0.1130	0.1224
In-119	0.9327	0.9279	0.9885	1.5199	1.5537	1.3397	1.6440	1.8058
In-119m	0.1081	0.0948	0.1176	0.1270	0.1543	0.1382	0.1761	0.1676
In-121	0.8350	0.9769	1.0228	1.5529	1.5744	1.4085	1.9027	2.0195
In-121m	0.3701	0.2836	0.2927	0.2759	0.4747	0.3826	0.4120	0.3483
Ir-180	1.8645	1.9704	2.7125	2.9651	3.1294	2.7319	3.6493	3.8649
Ir-182	1.7202	1.8422	2.6304	2.6892	2.8913	2.5388	3.3196	3.4242
Ir-183	1.9221	1.9110	2.7913	2.6591	2.9296	2.4432	3.3565	3.2818
Ir-184	2.7715	2.9352	4.1301	4.3297	4.5804	4.0551	5.3897	5.5368
Ir-185	1.7709	1.6813	2.7798	2.2304	2.5159	2.0441	2.7516	2.7231
Ir-186	2.6238	2.7534	3.8461	4.0902	4.3237	3.7318	5.2081	5.3380
Ir-186m	1.6020	1.6399	2.1043	2.3949	2.5762	2.1500	2.9617	3.0875
Ir-187	1.1230	1.0821	1.8084	1.4431	1.6325	1.2630	1.7503	1.7716
Ir-188	2.1513	2.1421	2.7384	3.0238	3.2484	2.7667	3.8905	3.9127
Ir-189	0.7624	0.6899	1.3170	0.8507	1.0234	0.7498	0.9937	0.9439
Ir-190	2.9271	3.0933	4.5142	4.7791	4.7975	4.3146	5.9172	6.6745
Ir-190m	0.1400	0.0893	0.4305	0.1231	0.1025	0.0774	0.1070	0.1758
Ir-190n	0.5962	0.5490	0.9625	0.6518	0.8194	0.5741	0.7845	0.7310
Ir-191m	0.7220	0.6617	1.3068	0.8131	0.9467	0.7140	0.9723	1.0659
Ir-192	1.6392	1.7908	2.6225	2.9517	2.9852	2.6928	4.1584	3.8070

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ir-192m	0.1682	0.1112	0.4602	0.1484	0.1282	0.1008	0.1301	0.2131
Ir-192n	0.3542	0.2357	0.9573	0.3137	0.2733	0.2149	0.2767	0.4488
Ir-193m	0.1418	0.0917	0.4259	0.1254	0.1063	0.0804	0.1104	0.1779
Ir-194	0.1510	0.1647	0.2210	0.2718	0.2795	0.2475	0.3888	0.3451
Ir-194m	3.7568	4.0161	5.7162	6.6314	6.4558	5.9078	8.8661	9.5251
Ir-195	0.6300	0.5520	0.9883	0.6765	0.8154	0.6079	0.8129	0.7999
Ir-195m	1.0735	1.0870	1.6939	1.6182	1.6906	1.4726	2.0280	2.1074
Ir-196	0.3161	0.3518	0.4630	0.5855	0.5723	0.5178	0.7497	0.7675
Ir-196m	3.9972	4.3333	6.3685	7.1264	6.7536	6.3285	9.1750	10.5513
K-38	1.0709	1.0171	1.0537	1.4222	1.5290	1.3852	2.0401	1.6003
K-40	0.0979	0.1000	0.1028	0.1456	0.1547	0.1404	0.2139	0.2057
K-42	0.1768	0.1801	0.1750	0.2525	0.2743	0.2538	0.3903	0.3598
K-43	1.4828	1.5722	2.0624	2.6242	2.5238	2.3443	3.4610	3.9741
K-44	1.2885	1.3599	1.3926	2.0991	2.1564	1.8977	2.7268	2.6797
K-45	1.4407	1.5435	1.6634	2.2462	2.3255	2.1574	2.8230	2.9984
K-46	1.2778	1.3010	1.2946	2.0700	2.0692	1.7936	2.5225	2.5627
Kr-74	1.0577	1.0728	1.5088	1.5031	1.6536	1.4587	1.8088	1.9062
Kr-75	0.7999	0.9198	1.1366	1.2627	1.3408	1.1988	1.4497	1.9692
Kr-76	1.3965	1.3942	2.1976	2.0914	2.1543	1.9531	2.6003	2.7657
Kr-77	0.7641	0.9205	1.1609	1.2258	1.3384	1.1883	1.4775	1.9955
Kr-79	0.6750	0.6179	1.0500	0.8950	0.8788	0.8245	1.0007	1.2292
Kr-81	0.3626	0.2691	0.5709	0.3243	0.3150	0.2773	0.2928	0.4726
Kr-81m	0.5403	0.5917	0.7595	0.8426	0.8714	0.8397	0.8314	1.0390
Kr-83m	0.1534	0.1125	0.2689	0.1365	0.1312	0.1140	0.1228	0.1983
Kr-85	0.0032	0.0036	0.0060	0.0059	0.0054	0.0053	0.0077	0.0090
Kr-85m	0.5867	0.6934	0.8278	1.0266	1.0139	0.9330	1.0621	1.5472
Kr-87	0.6342	0.6954	0.9098	1.1309	1.0794	1.0159	1.4211	1.5693
Kr-88	1.2680	1.2732	1.3879	1.8570	1.9870	1.7898	2.4147	2.2306
Kr-89	1.4225	1.5049	1.7407	2.3518	2.3670	2.1630	2.9356	3.0458
La-128	2.4213	2.6542	3.4843	4.2063	4.2618	3.9539	5.5329	5.7866
La-129	0.9089	0.9791	1.3472	1.3642	1.5850	1.4205	1.7972	1.9331
La-130	1.7097	1.8855	2.4466	2.9824	3.0150	2.7419	3.9984	4.2435
La-131	1.1521	1.2332	1.7028	1.6577	1.9751	1.7324	2.2280	2.5317
La-132	1.6129	1.7343	2.3619	2.6104	2.6817	2.4655	3.4631	3.8684
La-132m	1.1813	1.3171	1.7742	1.8556	2.0571	1.8255	2.3927	2.8966
La-133	0.4843	0.4615	0.7121	0.4750	0.7563	0.5911	0.7031	0.8525
La-134	0.1985	0.1928	0.2467	0.2045	0.3181	0.2517	0.3127	0.3781
La-135	0.3741	0.3633	0.4926	0.3053	0.6071	0.4537	0.5047	0.6435
La-136	0.2593	0.2531	0.3310	0.2269	0.4243	0.3188	0.3564	0.4461
La-137	0.3489	0.3361	0.4553	0.2702	0.5635	0.4157	0.4556	0.5849
La-138	1.0385	1.0705	1.1369	1.5341	1.7297	1.4879	2.0380	2.1140
La-140	1.8603	1.9735	2.2962	2.9631	3.0506	2.8311	4.1734	4.0792
La-141	0.0158	0.0165	0.0165	0.0256	0.0264	0.0234	0.0350	0.0350

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
La-142	1.4307	1.4013	1.4668	2.1463	2.2354	1.9616	2.8125	2.7939
La-143	0.1899	0.1952	0.2077	0.3031	0.3099	0.2767	0.4019	0.4143
Lu-165	1.5886	1.7237	2.3651	2.4239	2.7847	2.2358	2.9729	3.3875
Lu-167	2.0327	2.1050	2.8240	2.9796	3.3608	2.8230	3.7850	4.0149
Lu-169m	0.0997	0.0625	0.3228	0.0876	0.0716	0.0529	0.0759	0.1247
Lu-169	1.7195	1.8663	2.4205	2.6763	3.0287	2.4225	3.2693	3.6298
Lu-170	1.9469	2.0216	2.4708	2.9340	3.2413	2.6420	3.7054	3.7984
Lu-171m	0.1072	0.0683	0.3418	0.0952	0.0796	0.0585	0.0837	0.1347
Lu-171	1.5740	1.5607	2.3790	2.2415	2.5764	1.9257	2.4964	2.9462
Lu-172	2.4299	2.6736	3.4466	4.0099	4.3177	3.5844	4.8579	5.3817
Lu-172m	0.0896	0.0562	0.2903	0.0787	0.0643	0.0476	0.0682	0.1121
Lu-173	1.1412	1.1934	1.8313	1.5925	2.0301	1.4327	1.8239	2.0825
Lu-174	0.5518	0.5565	0.9548	0.7260	0.9411	0.6115	0.8141	0.9859
Lu-174m	0.6717	0.6224	1.3526	0.7851	0.9885	0.6508	0.8596	1.0466
Lu-176	1.5188	1.6340	2.4487	2.4799	2.6917	2.3810	3.1497	2.8664
Lu-176m	0.1661	0.1435	0.3068	0.1831	0.2189	0.1566	0.2115	0.2342
Lu-177	0.1556	0.1689	0.2510	0.2304	0.2644	0.2306	0.2592	0.2814
Lu-177m	3.2598	3.6326	5.3053	5.3257	5.7540	5.0878	6.2722	6.8446
Lu-178	0.1781	0.1719	0.2662	0.2407	0.2700	0.2154	0.2982	0.3186
Lu-178m	2.9238	3.1452	4.6239	4.7942	5.0468	4.4867	6.1157	6.1753
Lu-179	0.0917	0.1052	0.1447	0.1553	0.1669	0.1624	0.1677	0.1720
Lu-180	1.5695	1.7383	2.2533	2.7115	2.7582	2.4635	3.4441	3.6942
Lu-181	1.2296	1.2465	1.9063	1.8801	1.9964	1.6870	2.2317	2.5425
Mg-27	0.7739	0.8986	0.9082	1.4608	1.4630	1.2818	1.6931	1.8123
Mg-28	1.3332	1.4374	1.5878	2.0627	2.3043	2.0398	2.7919	3.0651
Mn-50m	2.6778	2.9093	2.9325	4.6670	4.7254	4.1417	5.7960	6.1246
Mn-51	0.0067	0.0060	0.0123	0.0095	0.0091	0.0077	0.0107	0.0123
Mn-52	2.5046	2.6975	2.8629	4.2634	4.3358	3.8249	5.3747	5.6483
Mn-52m	0.8744	0.9071	0.8976	1.3482	1.4202	1.2824	1.9457	1.8949
Mn-53	0.0803	0.0503	0.2612	0.0706	0.0576	0.0425	0.0611	0.1004
Mn-54	0.8668	0.9272	1.1479	1.5403	1.5149	1.3004	1.6385	1.7965
Mn-56	1.2365	1.3227	1.3314	2.0695	2.1025	1.8638	2.5032	2.4551
Mn-57	0.3342	0.3124	0.6219	0.4231	0.4403	0.3805	0.4968	0.6258
Mn-58m	1.8046	1.9504	2.0965	3.1763	3.1611	2.7895	3.8019	4.0047
Mo-101	1.3811	1.4764	1.7861	2.2792	2.2978	2.1040	2.9323	3.1347
Mo-102	0.0633	0.0747	0.0952	0.1093	0.1136	0.1103	0.1145	0.1404
Mo-89	0.1841	0.1927	0.1992	0.3026	0.3104	0.2732	0.3799	0.4038
Mo-90	1.6657	1.8843	2.4196	2.5667	2.8304	2.7477	3.0616	3.2447
Mo-91m	0.8267	0.8288	0.8487	1.2933	1.3345	1.1842	1.7379	1.8965
Mo-91	0.0292	0.0301	0.0308	0.0333	0.0397	0.0388	0.0397	0.0394
Mo-93	0.3055	0.3201	0.3339	0.3118	0.3948	0.4015	0.3292	0.3526
Mo-93m	2.3254	2.3791	2.6464	3.6398	3.7988	3.5107	4.7521	4.8789
Mo-99	0.2286	0.2488	0.2722	0.3876	0.3953	0.3524	0.4200	0.5017

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	0.6411	0.6734	0.7065	1.0734	0.9509	0.7760	0.7843	0.8558
Na-22	0.7240	0.7835	0.7886	1.3092	1.3072	1.1161	1.6492	1.7789
Na-24	1.8147	1.7846	1.8309	2.7458	2.8851	2.4570	3.4141	3.2209
Nb-87	0.9585	1.1131	1.3624	1.4924	1.6460	1.5975	1.5977	1.7798
Nb-88m	2.7716	3.1432	3.6418	4.9954	4.9377	4.5352	6.4758	7.0859
Nb-88	3.3514	3.7918	4.4769	5.9021	5.9345	5.4379	7.6162	8.2925
Nb-89	0.3775	0.3846	0.4003	0.5346	0.5698	0.5169	0.6656	0.6485
Nb-89m	0.7204	0.8068	1.2925	1.2961	1.2007	1.1718	1.6353	1.9055
Nb-90	2.5104	2.6766	2.8503	3.8217	4.0873	3.6497	4.9662	5.0240
Nb-91	0.3238	0.3345	0.3532	0.3282	0.4083	0.4093	0.3429	0.3857
Nb-91m	0.2781	0.2918	0.3078	0.2967	0.3678	0.3681	0.3195	0.3441
Nb-92	1.8622	2.0594	2.4450	3.1191	3.1452	2.9003	3.9090	4.3969
Nb-92m	1.0982	1.2677	1.2947	1.7994	1.8979	1.7333	2.1735	2.3247
Nb-93m	0.0601	0.0606	0.0776	0.0605	0.0745	0.0746	0.0630	0.0699
Nb-94m	0.2129	0.2225	0.2376	0.2203	0.2764	0.2794	0.2330	0.2505
Nb-94	1.6041	1.7117	1.7550	2.8363	2.8351	2.4634	3.2879	3.6632
Nb-95	0.8124	0.8536	0.8711	1.4553	1.4387	1.2324	1.5413	1.7073
Nb-95m	0.4009	0.4361	0.5460	0.5495	0.6204	0.6371	0.5856	0.5966
Nb-96	2.4515	2.6895	3.1244	4.4580	4.3654	3.9012	5.2835	5.8817
Nb-97	0.8684	0.8299	0.8774	1.3712	1.3840	1.2068	1.7571	2.0887
Nb-98m	2.5644	2.7046	2.8126	4.4187	4.4344	3.8815	5.2126	5.5443
Nb-99	0.9767	1.1035	1.2525	1.3768	1.6003	1.4174	1.5982	2.0564
Nb-99m	0.5763	0.5918	0.6887	0.8870	0.9279	0.8363	1.1203	1.1161
Nd-134	1.1525	1.2778	1.6294	1.7292	2.0023	1.7540	1.9988	2.5602
Nd-135	1.3959	1.5227	2.1665	2.1331	2.4168	2.1818	2.6208	2.9982
Nd-136	1.0240	1.0435	1.3843	1.1925	1.6960	1.3372	1.6058	1.9730
Nd-137	1.3861	1.4243	1.7727	1.9524	2.3299	1.9597	2.5927	2.7847
Nd-138	0.3948	0.3897	0.5308	0.3759	0.6598	0.4886	0.5609	0.6789
Nd-139	0.4430	0.4580	0.5995	0.5488	0.7515	0.6051	0.7553	0.9104
Nd-139m	2.1239	2.2731	2.5772	3.2423	3.7099	3.1218	4.0486	4.5539
Nd-140	0.3531	0.3433	0.4694	0.3074	0.5815	0.4205	0.4650	0.5891
Nd-141	0.3654	0.3582	0.4818	0.3319	0.6057	0.4420	0.4963	0.6230
Nd-141m	0.7781	0.8086	0.8383	1.3531	1.3624	1.1616	1.4677	1.6437
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	0.5572	0.5531	0.7433	0.6993	0.9017	0.7240	0.9311	1.0438
Nd-149	1.0220	1.1198	1.5173	1.6231	1.7960	1.6391	1.9706	2.1581
Nd-151	1.2397	1.3804	1.6641	2.0331	2.1972	1.9485	2.5144	2.8203
Nd-152	0.5069	0.5442	0.8335	0.8329	0.8884	0.8633	1.0034	0.9577
Ne-19	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002
Ne-24	0.7571	0.8824	1.4384	1.4744	1.3240	1.3074	1.8635	2.2046
Ni-56	2.5261	2.7592	3.6045	4.4393	4.2974	3.9170	4.7254	5.8123
Ni-57	1.0229	1.0502	1.2667	1.5468	1.6137	1.4341	2.1336	2.1582



Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ni-59	0.1393	0.0872	0.4528	0.1224	0.0999	0.0737	0.1060	0.1741
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.3747	0.4074	0.4209	0.6160	0.6386	0.5795	0.8725	0.8686
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	2.4413	2.5168	3.1923	3.6631	3.9310	3.4455	4.3961	4.5582
Np-233	0.8262	0.7796	1.0421	0.9364	1.1359	0.9600	1.0890	1.2509
Np-234	1.5623	1.5215	1.8449	1.9965	2.2437	1.9884	2.5777	2.7232
Np-235	0.2720	0.2263	0.4320	0.2532	0.2733	0.2542	0.2445	0.3352
Np-236	1.6975	1.6095	2.2839	1.9450	2.1940	1.9630	2.0228	2.6556
Np-236m	0.4649	0.4337	0.5876	0.5162	0.6230	0.5301	0.5921	0.6927
Np-237	0.6250	0.5395	0.8151	0.5968	0.7324	0.6440	0.6719	0.8116
Np-238	0.6663	0.7429	0.8769	1.0512	1.1002	1.0032	1.3239	1.4475
Np-239	1.2079	1.1898	1.7175	1.5093	1.7559	1.5630	1.7550	1.9445
Np-240	1.9945	2.0633	2.7212	2.9316	3.0594	2.8018	3.4943	4.0668
Np-240m	0.5945	0.5838	0.8209	0.8502	0.8644	0.8053	1.0463	1.2140
Np-241	0.2987	0.2938	0.3973	0.3561	0.4214	0.3670	0.4048	0.4908
Np-242	0.2380	0.2425	0.2642	0.3646	0.3760	0.3364	0.4543	0.4724
Np-242m	1.7129	1.7616	2.2195	2.5299	2.6339	2.3872	2.7189	3.1456
O-14	1.0567	0.9799	1.0474	1.4026	1.5550	1.3552	1.9889	1.5563
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	1.0478	1.1811	1.3695	1.7707	1.8616	1.7444	2.0722	2.1812
Os-180	0.8466	0.7739	1.4479	0.9761	1.1586	0.8561	1.1433	1.1546
Os-181	2.2845	2.3833	3.3006	3.4223	3.7510	3.1815	4.0595	4.0975
Os-182	1.3929	1.4371	2.4589	2.0472	2.1685	1.8456	2.3994	2.6985
Os-183	1.9358	2.0345	3.1021	2.8781	3.1353	2.5691	3.5494	3.7803
Os-183m	1.2098	1.3021	1.7151	1.8610	2.0411	1.6519	2.3580	2.4230
Os-185	1.3392	1.2790	1.6913	1.8872	2.0590	1.6532	2.3625	2.6231
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	0.1331	0.0845	0.4159	0.1170	0.0969	0.0727	0.1016	0.1669
Os-190m	2.9339	3.1064	4.7681	4.9865	4.8249	4.4764	6.2773	7.2231
Os-191	0.7665	0.7116	1.3537	0.8719	1.0246	0.7720	1.0526	1.1391
Os-191m	0.1881	0.1378	0.4821	0.1783	0.1786	0.1289	0.1788	0.2298
Os-193	0.2646	0.2590	0.4484	0.3621	0.3874	0.3235	0.4448	0.4789
Os-194	0.1451	0.1043	0.3734	0.1335	0.1355	0.1010	0.1276	0.1971
Os-196	0.2616	0.2732	0.4062	0.3859	0.4217	0.3602	0.4900	0.5037
P-30	0.0008	0.0007	0.0008	0.0011	0.0011	0.0010	0.0015	0.0012
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	0.3231	0.2900	0.4384	0.3377	0.4002	0.3340	0.3791	0.4357
Pa-228	2.5843	2.6246	3.4709	3.6952	3.9206	3.4979	4.4871	4.9302
Pa-229	0.7419	0.6709	0.9378	0.8031	0.9624	0.8074	0.9304	1.0603
Pa-230	1.4615	1.4767	1.9522	2.0312	2.1840	1.9286	2.4327	2.7482
Pa-231	0.5735	0.4811	0.8872	0.5728	0.6437	0.5805	0.6359	0.7622

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Pa-232	1.3294	1.4523	1.8439	2.1569	2.1742	1.9881	2.5611	2.9665
Pa-233	1.0469	1.0238	1.4868	1.4075	1.5583	1.3695	1.8113	1.7853
Pa-234	2.5556	2.6587	3.3340	3.8027	4.0172	3.6012	4.4546	5.0505
Pa-234m	0.0216	0.0229	0.0271	0.0327	0.0347	0.0309	0.0399	0.0434
Pa-235	0.0473	0.0298	0.1522	0.0416	0.0341	0.0253	0.0361	0.0593
Pa-236	1.1005	1.0654	1.2556	1.5505	1.6211	1.4579	2.0013	2.1932
Pa-237	0.6906	0.7521	0.9830	1.2288	1.1979	1.0723	1.4433	1.6098
Pb-194	2.0011	1.9483	2.6636	2.7966	3.0112	2.5987	3.5765	3.6381
Pb-195m	2.8190	2.8991	4.1582	4.5091	4.4724	3.9962	5.6039	6.2168
Pb-196	1.7286	1.6832	2.5990	2.4132	2.5860	2.2830	2.9650	2.9949
Pb-197	1.9442	1.9731	2.5856	2.9694	3.0648	2.6706	3.7899	3.9090
Pb-197m	2.4195	2.4571	3.5672	3.7406	3.7846	3.3850	4.6125	5.0140
Pb-198	1.6338	1.5880	2.3589	2.2961	2.4718	2.1292	2.8752	2.8643
Pb-199	1.6122	1.5986	2.1601	2.3543	2.4883	2.1379	3.0986	3.0802
Pb-200	1.3922	1.3036	1.9879	1.7403	1.9351	1.6076	2.0544	2.2571
Pb-201	1.7444	1.7383	2.4430	2.6238	2.7961	2.3593	3.5315	3.3128
Pb-201m	0.7682	0.6863	0.8636	1.0332	1.0973	0.9253	1.3601	1.5518
Pb-202	0.1459	0.0965	0.3976	0.1287	0.1112	0.0877	0.1127	0.1847
Pb-202m	2.3706	2.6463	3.3387	4.2699	4.1453	3.7866	5.2185	5.9316
Pb-203	1.4245	1.3690	2.0948	1.9707	2.1740	1.9060	2.5023	2.2671
Pb-204m	2.1428	2.4930	2.8805	4.0451	3.9883	3.5921	4.9794	5.3431
Pb-205	0.1477	0.0977	0.4024	0.1302	0.1126	0.0888	0.1141	0.1870
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	0.2000	0.1529	0.3764	0.1865	0.1916	0.1569	0.1740	0.2713
Pb-211	0.0876	0.0969	0.1270	0.1597	0.1520	0.1399	0.1879	0.2169
Pb-212	0.6997	0.6846	1.0105	0.9790	1.0723	1.0003	1.1430	1.1023
Pb-214	0.7386	0.7559	1.1219	1.1733	1.2162	1.0955	1.5482	1.4695
Pd-100	1.3515	1.2150	1.2913	1.3885	1.8094	1.5823	1.7776	1.6483
Pd-101	1.0283	0.9703	1.1325	1.2424	1.4368	1.4080	1.5221	1.5218
Pd-103	0.3369	0.2945	0.3076	0.2945	0.3911	0.4066	0.3204	0.3254
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	0.4843	0.5201	0.6253	0.7103	0.7801	0.7629	0.7263	0.8570
Pd-109	0.2293	0.1671	0.1947	0.1588	0.2506	0.2378	0.2118	0.1925
Pd-111	0.0574	0.0587	0.0705	0.0911	0.0932	0.0842	0.1196	0.1299
Pd-112	0.1318	0.1283	0.1495	0.1300	0.1609	0.1655	0.1344	0.1457
Pd-114	0.0821	0.0958	0.1280	0.1366	0.1492	0.1436	0.1662	0.1807
Pd-96	1.5532	1.6913	1.9152	2.4704	2.6293	2.3593	3.0212	3.4084
Pd-97	1.6704	1.7806	2.1961	2.7155	2.7880	2.6491	3.4178	3.3883
Pd-98	1.2257	1.2276	1.3381	1.5483	1.8448	1.6471	1.8727	2.1003
Pd-99	1.2212	1.3410	1.5509	1.8912	2.0281	1.8796	2.3173	2.6696
Pm-136	2.2816	2.5030	3.0912	4.1479	4.0704	3.6752	5.1672	5.6856
Pm-137m	2.2243	2.4237	3.2172	3.5445	3.8648	3.4795	4.3642	4.9546
Pm-139	0.3939	0.4238	0.5713	0.6020	0.6739	0.5902	0.7895	0.9134

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pm-140m	2.4084	2.7675	3.2622	4.4390	4.4106	3.9777	5.4123	6.0942
Pm-140	0.1651	0.1758	0.2076	0.2584	0.2860	0.2434	0.3199	0.3643
Pm-141	0.3226	0.3289	0.4007	0.3991	0.5425	0.4316	0.5467	0.6151
Pm-142	0.1269	0.1247	0.1547	0.1362	0.2049	0.1600	0.2024	0.2265
Pm-143	0.6732	0.6736	0.8154	0.8772	1.1402	0.8953	1.0822	1.2863
Pm-144	2.3913	2.3773	2.9080	3.6914	3.9039	3.3863	4.7331	5.6470
Pm-145	0.3711	0.3596	0.5064	0.3409	0.6089	0.4360	0.4913	0.6127
Pm-146	1.1729	1.2581	1.6978	1.9468	2.0199	1.7904	2.3748	2.8133
Pm-147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
Pm-148	0.4836	0.5168	0.6045	0.8060	0.8100	0.7417	1.0883	1.1597
Pm-148m	2.6405	2.7409	3.4591	4.4702	4.4099	4.0032	5.7899	6.7040
Pm-149	0.0284	0.0307	0.0454	0.0493	0.0517	0.0486	0.0640	0.0571
Pm-150	1.3595	1.4958	1.7637	2.4329	2.4578	2.1842	3.2664	3.1846
Pm-151	0.8230	0.8930	1.1922	1.3319	1.4489	1.2818	1.6465	1.7902
Pm-152m	2.0424	2.2823	2.8934	3.4197	3.6752	3.3788	4.3123	4.4832
Pm-152	0.3484	0.3910	0.4506	0.5571	0.6227	0.5335	0.7136	0.7930
Pm-153	0.4089	0.4382	0.5872	0.5194	0.6869	0.5611	0.6863	0.8384
Pm-154	1.3408	1.4039	1.5376	2.0542	2.2104	1.9302	2.7116	2.6576
Pm-154m	2.0505	2.1810	2.6297	3.2286	3.4529	3.0945	4.1152	4.3315
Po-203	2.1589	2.1881	2.6908	3.2087	3.3981	2.9481	3.9589	4.0956
Po-204	2.8999	2.7747	3.9954	3.9529	4.2518	3.6368	4.8801	5.0628
Po-205	2.1195	2.1341	2.5588	3.1504	3.3441	2.8662	3.8871	3.9865
Po-206	2.4321	2.3977	3.4628	3.5523	3.6915	3.2259	4.4779	4.6620
Po-207	1.8764	1.9186	2.3392	2.8314	2.9927	2.5784	3.5865	3.7389
Po-208	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-209	0.0204	0.0180	0.0403	0.0264	0.0267	0.0233	0.0296	0.0324
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-211	0.0089	0.0097	0.0116	0.0158	0.0156	0.0140	0.0197	0.0221
Po-212m	0.0432	0.0410	0.0499	0.0639	0.0672	0.0581	0.0829	0.0808
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	0.0001	0.0001	0.0001	0.0001	0.0001
Po-214	0.0001	0.0001	0.0001	0.0002	0.0002	0.0001	0.0002	0.0002
Po-215	0.0003	0.0003	0.0005	0.0006	0.0005	0.0005	0.0007	0.0008
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	3.0762	3.3690	4.2423	5.4193	5.4061	4.9463	6.9552	7.7389
Pr-134m	1.4622	1.6233	2.1256	2.5337	2.4781	2.3482	3.3210	3.6850
Pr-135	0.9419	0.9641	1.2760	1.2699	1.5945	1.3546	1.7425	1.8013
Pr-136	1.6737	1.7742	2.4151	2.7340	2.7720	2.5361	3.6454	4.1088
Pr-137	0.3582	0.3596	0.4694	0.3801	0.5956	0.4623	0.5488	0.6632
Pr-138	0.1267	0.1254	0.1564	0.1369	0.2101	0.1620	0.1902	0.2259
Pr-138m	2.5829	2.8872	3.3295	4.4778	4.7799	4.1579	5.6796	5.7853
Pr-139	0.3434	0.3344	0.4472	0.2963	0.5628	0.4146	0.4630	0.5787

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pr-140	0.1832	0.1782	0.2382	0.1573	0.2999	0.2208	0.2474	0.3081
Pr-142	0.0373	0.0376	0.0362	0.0509	0.0562	0.0528	0.0815	0.0736
Pr-142m	0.0063	0.0040	0.0206	0.0056	0.0045	0.0033	0.0048	0.0079
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0216	0.0211	0.0218	0.0327	0.0338	0.0299	0.0427	0.0430
Pr-144m	0.1645	0.1516	0.2648	0.1446	0.2484	0.1802	0.2043	0.2650
Pr-145	0.0228	0.0240	0.0264	0.0361	0.0396	0.0334	0.0454	0.0502
Pr-146	0.8693	0.9437	1.2027	1.4992	1.4589	1.3644	1.9550	2.1164
Pr-147	1.1222	1.1402	1.4746	1.5119	1.8956	1.5339	2.0746	2.2711
Pr-148	1.0345	1.1189	1.3696	1.8052	1.8613	1.6684	2.4357	2.2789
Pr-148m	1.4790	1.6159	2.2105	2.6657	2.6685	2.4543	3.5611	3.5071
Pt-184	2.8800	2.8247	4.4657	3.8863	4.2652	3.5069	4.5493	4.9028
Pt-186	1.6445	1.5690	2.2051	2.2591	2.4749	2.0034	2.7556	2.9086
Pt-187	1.8159	1.7708	2.7206	2.4099	2.7266	2.1885	2.9300	2.8942
Pt-188	1.1792	1.1454	1.8961	1.5077	1.7105	1.3720	1.7468	1.7888
Pt-189	1.7141	1.6196	2.5579	2.1826	2.4787	1.9594	2.6831	2.6828
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	1.4648	1.3910	2.2831	1.8301	2.0950	1.6301	2.2708	2.2393
Pt-193	0.1512	0.0988	0.4298	0.1332	0.1137	0.0884	0.1164	0.1910
Pt-193m	0.2643	0.1991	0.5961	0.2543	0.2643	0.1958	0.2685	0.3247
Pt-195m	0.9898	0.8291	1.7500	1.0209	1.1888	0.8806	1.1905	1.2490
Pt-197	0.2928	0.2365	0.4990	0.3099	0.3381	0.2706	0.3609	0.3884
Pt-197m	0.6767	0.5794	1.2233	0.7639	0.8406	0.6510	0.9133	0.9390
Pt-199	0.3713	0.3937	0.6043	0.6237	0.6124	0.5672	0.7815	0.8586
Pt-200	0.4948	0.4372	0.7990	0.5722	0.6471	0.5187	0.6819	0.7063
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pu-232	0.6008	0.5736	0.7633	0.6783	0.8309	0.7038	0.7850	0.9197
Pu-234	0.6836	0.6487	0.8784	0.7648	0.9328	0.7933	0.8792	1.0354
Pu-235	0.9126	0.8628	1.1861	1.0177	1.2354	1.0524	1.1589	1.3760
Pu-236	0.0843	0.0725	0.1219	0.0793	0.0878	0.0834	0.0772	0.1030
Pu-237	0.6355	0.5885	0.8530	0.6836	0.8223	0.7069	0.7642	0.9138
Pu-238	0.0779	0.0670	0.1127	0.0731	0.0810	0.0770	0.0712	0.0950
Pu-239	0.0423	0.0342	0.0779	0.0393	0.0412	0.0376	0.0375	0.0522
Pu-240	0.0732	0.0630	0.1059	0.0688	0.0762	0.0724	0.0670	0.0894
Pu-241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pu-242	0.0628	0.0540	0.0909	0.0591	0.0654	0.0621	0.0575	0.0767
Pu-243	0.2607	0.2289	0.3054	0.2799	0.3410	0.2836	0.3557	0.3473
Pu-244	0.0685	0.0624	0.0961	0.0763	0.0819	0.0767	0.0824	0.1002
Pu-245	0.7974	0.8507	1.1080	1.2755	1.3506	1.1977	1.6655	1.7109
Pu-246	0.9531	0.9680	1.3074	1.1996	1.4511	1.2809	1.3571	1.5922
Ra-219	0.5171	0.5204	0.7253	0.8045	0.8711	0.7426	1.1596	0.9767
Ra-220	0.0072	0.0083	0.0138	0.0139	0.0124	0.0123	0.0176	0.0210
Ra-221	0.3534	0.3278	0.5185	0.4232	0.4494	0.3936	0.4417	0.5994

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Ra-222	0.0208	0.0227	0.0318	0.0378	0.0392	0.0343	0.0562	0.0463
Ra-223	0.8159	0.7629	1.1314	1.0459	1.1587	1.0020	1.2792	1.3377
Ra-224	0.0373	0.0402	0.0599	0.0607	0.0638	0.0652	0.0660	0.0653
Ra-225	0.8256	0.8245	0.8182	0.8266	1.2046	1.1985	1.2526	1.2327
Ra-226	0.0330	0.0356	0.0472	0.0503	0.0527	0.0494	0.0510	0.0633
Ra-227	0.7826	0.7766	0.7651	0.7886	1.1391	1.1196	1.1680	1.1410
Ra-228	0.1193	0.1063	0.1994	0.1147	0.1276	0.1204	0.1130	0.1461
Ra-230	0.3979	0.3851	0.5688	0.5131	0.5708	0.4954	0.6101	0.6596
Rb-77	1.0276	1.0905	1.2315	1.5575	1.6851	1.4421	1.8811	2.0205
Rb-78m	2.0463	2.1673	2.6477	3.4289	3.3768	3.0994	4.4234	4.8285
Rb-78	1.6615	1.6995	2.0956	2.7280	2.6070	2.3487	3.1133	3.3862
Rb-79	1.2446	1.3310	1.6881	2.0041	1.9860	1.8286	2.2934	2.9585
Rb-80	0.2559	0.2428	0.2760	0.3974	0.3981	0.3522	0.5231	0.6299
Rb-81	0.5987	0.5796	0.8756	0.8497	0.8019	0.7653	0.9816	1.2593
Rb-81m	0.3559	0.2971	0.3415	0.3404	0.3708	0.3362	0.3407	0.4789
Rb-82	0.1505	0.1540	0.1631	0.2536	0.2515	0.2166	0.2663	0.2979
Rb-82m	2.9724	3.0661	3.5181	4.8980	4.8723	4.3338	5.9069	6.7051
Rb-83	1.0907	1.0630	1.6779	1.6044	1.5109	1.4371	1.9400	2.4277
Rb-84	0.8205	0.8433	0.9497	1.2692	1.2750	1.1258	1.4071	1.6205
Rb-84m	1.0569	1.1591	1.7244	1.7811	1.7832	1.8246	1.9918	2.1527
Rb-86m	0.7785	0.8123	1.1865	1.3396	1.2665	1.1914	1.7534	2.0837
Rb-86	0.0630	0.0769	0.0776	0.1203	0.1223	0.1088	0.1594	0.1696
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rb-88	0.3814	0.3954	0.3948	0.5759	0.5992	0.5465	0.7835	0.7126
Rb-89	1.3597	1.4997	1.5400	2.3401	2.4045	2.1163	3.0724	3.1249
Rb-90	0.7929	0.8251	0.8281	1.3794	1.3044	1.1083	1.3312	1.4192
Rb-90m	1.8014	1.8916	1.9130	3.0393	3.0373	2.6254	3.3879	3.4623
Re-178	1.6608	1.7052	2.4295	2.4338	2.6676	2.2642	2.8118	2.8913
Re-179	1.9823	2.1057	3.1687	3.1211	3.2870	2.8619	3.9580	4.0999
Re-180	1.6744	1.7628	2.3753	2.5355	2.7935	2.2411	2.9917	3.1507
Re-181	1.8572	1.9413	2.9575	2.8520	3.0697	2.5226	3.6045	3.7613
Re-182	3.5798	3.7766	5.3975	5.3675	5.9520	4.9819	6.4032	6.7099
Re-182m	1.8569	1.9010	2.5931	2.6245	2.9983	2.3300	3.2340	3.3183
Re-183	1.2403	1.2058	2.1437	1.5519	1.8438	1.3544	1.7166	1.9526
Re-184	1.4899	1.5586	2.0946	2.2667	2.4949	1.9852	2.5890	2.7321
Re-184m	1.2809	1.2752	2.1500	1.7556	1.9688	1.5933	2.0322	2.1496
Re-186	0.1321	0.1385	0.2225	0.1756	0.2044	0.1592	0.2053	0.2490
Re-186m	0.4825	0.3592	1.2558	0.4635	0.4789	0.3413	0.4590	0.6294
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	0.1785	0.1955	0.2663	0.2860	0.2846	0.2507	0.2925	0.4211
Re-188m	0.7944	0.7112	1.4305	0.8640	1.0530	0.7410	1.0029	1.0185
Re-189	0.2119	0.2221	0.3655	0.3221	0.3396	0.3167	0.3511	0.3826
Re-190	2.1555	2.3520	3.1512	3.7746	3.7047	3.4516	4.5504	5.2174

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Re-190m	1.7753	1.8861	2.7587	2.9136	2.9362	2.6301	3.6160	4.0953
Rh-100m	0.5397	0.4815	0.5245	0.5054	0.6742	0.6527	0.5995	0.6102
Rh-100	2.3346	2.3947	2.8851	3.5767	3.6722	3.4054	4.6926	4.8438
Rh-101	1.2202	1.3903	1.6684	1.8006	2.0596	1.9555	2.1337	2.3516
Rh-101m	0.9384	0.9774	1.2656	1.4281	1.5628	1.4579	1.9568	1.6721
Rh-102	0.6540	0.7003	0.9951	1.0372	1.0195	1.0085	1.2885	1.4911
Rh-102m	2.7707	2.9387	3.6160	4.6497	4.5938	4.2463	5.7980	6.6766
Rh-103m	0.0455	0.0374	0.0637	0.0398	0.0488	0.0485	0.0415	0.0468
Rh-104	0.0181	0.0188	0.0266	0.0302	0.0291	0.0275	0.0391	0.0460
Rh-104m	0.5384	0.5351	0.5675	0.6078	0.8459	0.6805	0.6747	0.7829
Rh-105	0.1701	0.1875	0.2604	0.3156	0.3300	0.2891	0.4764	0.3761
Rh-106	0.2665	0.2841	0.4118	0.4667	0.4419	0.4161	0.6110	0.7155
Rh-106m	2.8937	3.1793	4.0060	5.1741	5.0222	4.6256	6.5008	7.2564
Rh-107	0.6794	0.7524	1.0614	1.2512	1.2823	1.1739	1.7602	1.5285
Rh-108	0.4672	0.5216	0.7722	0.8728	0.7986	0.7749	1.1137	1.3474
Rh-109	0.7320	0.8074	1.1126	1.2838	1.3333	1.2300	1.7380	1.6128
Rh-94	1.9548	2.0905	2.1926	3.2488	3.3333	2.9718	4.2840	4.3403
Rh-95	1.3256	1.4509	1.4824	2.2168	2.2844	2.0465	2.8142	2.9163
Rh-95m	0.7977	0.8349	1.1854	1.3668	1.2904	1.2058	1.6721	1.9528
Rh-96	3.2853	3.3405	3.4744	5.4100	5.4672	4.7986	6.5772	7.3176
Rh-96m	0.8235	0.8535	0.8731	1.2711	1.3345	1.2032	1.5299	1.5436
Rh-97	1.0332	1.1543	1.5081	1.8243	1.7475	1.6785	2.2309	2.5490
Rh-97m	1.7812	1.8605	2.1082	2.6794	2.8109	2.6343	3.3203	3.3805
Rh-98	1.0203	0.9793	1.0291	1.5707	1.6023	1.4114	2.0400	2.3455
Rh-99	1.4000	1.4268	1.8238	2.0002	2.1443	2.0144	2.5531	2.6634
Rh-99m	1.1091	1.1627	1.4479	1.7514	1.8329	1.6977	2.3248	2.2857
Rn-207	1.6551	1.6487	2.1615	2.5455	2.6283	2.2989	3.2764	3.4153
Rn-209	1.8573	1.8644	2.4511	2.8466	2.9059	2.5775	3.5682	3.8391
Rn-210	0.1333	0.1302	0.1823	0.1928	0.2003	0.1770	0.2371	0.2580
Rn-211	2.4039	2.4219	2.9258	3.7020	3.8123	3.3548	4.6415	5.1069
Rn-212	0.0004	0.0004	0.0004	0.0007	0.0007	0.0006	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	0.0011	0.0010	0.0012	0.0017	0.0017	0.0015	0.0023	0.0027
Rn-219	0.7897	0.7827	0.7758	0.7886	1.1349	1.1306	1.1337	1.2469
Rn-220	0.0009	0.0010	0.0014	0.0016	0.0015	0.0014	0.0021	0.0024
Rn-222	0.0006	0.0006	0.0011	0.0011	0.0010	0.0009	0.0014	0.0016
Rn-223	0.8810	0.8325	1.2531	1.1866	1.2316	1.0843	1.4107	1.6863
Ru-103	0.7162	0.8142	1.3847	1.3493	1.2187	1.2024	1.7396	2.0421
Ru-105	1.0616	1.1231	1.3763	1.8227	1.8156	1.6468	2.2381	2.4777
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	0.4039	0.4551	0.5598	0.7228	0.7196	0.6687	0.8750	0.9574

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ru-108	0.2845	0.3254	0.3727	0.4658	0.4659	0.4370	0.4375	0.6802
Ru-92	3.0517	3.3874	4.2139	4.7399	5.1993	4.9948	5.4974	5.7955
Ru-94	1.0268	1.1361	1.4261	1.6926	1.7162	1.6385	2.1201	2.2401
Ru-95	1.4630	1.5725	1.8573	2.3992	2.4961	2.2759	3.2079	3.1600
Ru-97	0.9924	1.0821	1.3768	1.4776	1.6261	1.6301	1.6265	1.6235
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	0.8793	0.8600	0.8374	1.3669	1.2929	1.0565	1.0248	1.1137
S-38	0.9312	0.9122	0.9070	1.2417	1.2998	1.2297	1.8281	1.4691
Sb-111	1.1202	1.2327	1.5695	1.8557	1.8543	1.7312	2.1139	2.7745
Sb-113	0.9735	1.0053	1.5594	1.5490	1.5568	1.4888	2.0836	2.2599
Sb-114	1.3020	1.3544	1.3960	2.1278	2.2144	1.9357	2.7782	2.8487
Sb-115	1.0644	1.0401	1.6698	1.5407	1.5915	1.5471	2.0648	2.3158
Sb-116	1.2481	1.2317	1.2633	1.8454	2.0109	1.7581	2.4343	2.4516
Sb-116m	3.2252	3.3328	3.8412	4.9241	5.3126	4.7681	6.4364	7.0432
Sb-117	1.0988	0.9936	1.1201	1.2499	1.5005	1.3887	1.3153	1.9164
Sb-118	0.1620	0.1121	0.1240	0.1134	0.1888	0.1685	0.1749	0.1607
Sb-118m	3.2167	3.2212	3.7506	4.6201	5.2842	4.8603	5.9381	6.0369
Sb-119	0.6043	0.3630	0.4405	0.2750	0.6071	0.5501	0.4794	0.3956
Sb-120	0.3046	0.1889	0.2096	0.1518	0.3207	0.2881	0.2640	0.2221
Sb-120m	3.1843	3.2763	3.5713	4.6159	5.2547	4.6733	5.9524	6.1340
Sb-122m	0.8954	0.7257	0.8186	0.7140	1.1913	0.9066	1.0490	0.8752
Sb-122	0.6207	0.6340	0.8804	1.0401	1.0028	0.9300	1.3632	1.6132
Sb-124	1.6960	1.6752	1.8470	2.5864	2.6421	2.3983	3.5748	3.8340
Sb-124m	0.6278	0.6289	0.8823	1.0351	0.9981	0.9148	1.3481	1.6102
Sb-124n	0.0221	0.0138	0.0716	0.0194	0.0158	0.0117	0.0168	0.0276
Sb-125	0.9594	0.9229	1.2273	1.3233	1.4684	1.3462	1.7616	2.0852
Sb-126	3.4730	3.5782	4.1326	5.9633	5.8467	5.2349	7.3024	8.5359
Sb-126m	2.0591	2.1321	2.5797	3.5646	3.4419	3.1297	4.4170	5.2717
Sb-127	0.9594	1.0079	1.2982	1.6599	1.6262	1.4940	2.0129	2.3018
Sb-128	3.7835	3.9272	4.5186	6.5571	6.5462	5.7470	8.0465	8.7069
Sb-128m	2.3801	2.5084	2.8265	4.2310	4.2733	3.6896	5.1431	5.1591
Sb-129	1.3208	1.4492	1.5833	2.3227	2.3258	2.0788	2.8466	3.0305
Sb-130m	2.6774	2.9879	3.1563	4.8638	4.8691	4.2884	5.4664	5.9852
Sb-130	3.7688	4.1544	4.7449	6.7788	6.8001	6.0501	7.9712	8.4001
Sb-131	1.6810	1.8237	1.9210	2.8518	2.9162	2.6026	3.7194	3.8751
Sb-133	1.7981	1.9427	2.0346	3.0203	3.0957	2.7537	3.9436	3.9691
Sc-42m	2.3508	2.5721	3.0290	4.0437	4.0014	3.7055	5.4799	5.8281
Sc-43	0.1534	0.1777	0.2711	0.3019	0.2795	0.2677	0.3984	0.4343
Sc-44	0.7320	0.8483	0.8616	1.3691	1.3785	1.2029	1.7675	1.8978
Sc-44m	0.6939	0.7682	1.1412	1.2304	1.2752	1.2705	1.4977	1.3538
Sc-46	1.4949	1.7590	1.7752	2.8274	2.8463	2.5007	3.4880	3.7269
Sc-47	0.4297	0.5219	0.5931	0.7916	0.7387	0.6956	0.6850	1.2193
Sc-48	2.2834	2.7163	2.7418	4.2455	4.3212	3.8442	5.5926	5.9338

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Sc-49	0.0006	0.0006	0.0006	0.0008	0.0009	0.0009	0.0013	0.0011
Sc-50	2.3981	2.6132	3.0447	3.9856	4.0340	3.7321	5.5721	5.7725
Se-70	1.1227	1.0683	2.3468	1.5695	1.5825	1.3559	1.7584	2.2665
Se-71	0.7186	0.8334	0.9398	1.2780	1.2788	1.1411	1.4454	1.8162
Se-72	0.6604	0.5455	1.4440	0.6833	0.8103	0.5682	0.6933	1.0345
Se-73	1.2127	1.2606	1.9198	1.8942	1.9779	1.6864	2.5084	2.4549
Se-73m	0.1875	0.1700	0.3368	0.2469	0.2462	0.2185	0.2830	0.3309
Se-75	1.4969	1.5743	2.7610	2.3070	2.3851	2.2394	2.7034	3.0684
Se-77m	0.4875	0.5130	0.7845	0.7489	0.7024	0.6502	0.6576	1.1250
Se-79m	0.3376	0.2544	0.6379	0.3190	0.3227	0.2666	0.3117	0.4503
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0145	0.0159	0.0220	0.0260	0.0264	0.0249	0.0327	0.0313
Se-81m	0.3610	0.2818	0.6701	0.3517	0.3644	0.3016	0.3496	0.5005
Se-83m	0.7941	0.8931	0.9674	1.3871	1.4072	1.2742	1.8706	1.9095
Se-83	2.5889	2.8332	3.5630	4.5576	4.5104	4.1632	5.8132	6.0349
Se-84	0.6726	0.8083	1.2378	1.3759	1.2082	1.2169	1.7097	2.1201
Si-31	0.0005	0.0005	0.0005	0.0009	0.0009	0.0008	0.0011	0.0012
Si-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-139	1.2077	1.2930	1.7255	2.0112	2.1410	1.9371	2.6060	2.5950
Sm-140	0.7329	0.7733	0.9969	1.0052	1.2680	1.0488	1.2981	1.4694
Sm-141	1.0439	1.1660	1.5922	1.7849	1.8046	1.6686	2.3296	2.6739
Sm-141m	2.1073	2.3220	2.8390	3.4584	3.6954	3.3173	4.1865	4.6526
Sm-142	0.3399	0.3339	0.4633	0.3272	0.5712	0.4058	0.4560	0.5762
Sm-143	0.2311	0.2317	0.3095	0.2458	0.3919	0.2890	0.3412	0.4127
Sm-143m	0.7743	0.8031	0.8372	1.3417	1.3535	1.1525	1.4604	1.6387
Sm-145	0.7038	0.6967	0.9410	0.6856	1.1864	0.8343	0.9493	1.1582
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	0.0007	0.0005	0.0018	0.0006	0.0006	0.0005	0.0005	0.0008
Sm-153	0.5361	0.5382	0.6990	0.6131	0.8954	0.6557	0.7723	0.9184
Sm-155	0.6453	0.6615	0.7967	0.8097	1.0498	0.8472	0.9924	1.1346
Sm-156	0.5812	0.5893	0.8451	0.8047	0.9231	0.8073	0.9134	1.0149
Sm-157	0.8840	1.0096	1.2930	1.4693	1.5996	1.4713	1.6879	1.8660
Sn-106	1.8460	1.8504	2.3925	2.7275	2.9615	2.7889	3.4178	3.6438
Sn-108	1.8239	1.7766	2.3303	2.5805	2.8192	2.6946	3.2188	3.5334
Sn-109	1.8643	1.8237	1.9677	2.5996	2.8867	2.6161	3.5908	3.5129
Sn-110	1.1926	1.0877	1.4801	1.5173	1.8258	1.7455	2.0540	1.7436
Sn-111	0.4504	0.3311	0.3552	0.3491	0.5326	0.4901	0.5236	0.4683
Sn-113	0.4841	0.3081	0.3428	0.2529	0.5051	0.4723	0.4063	0.3351
Sn-113m	0.3435	0.2065	0.2458	0.1558	0.3478	0.3130	0.2757	0.2265
Sn-117m	1.0100	0.9466	1.0806	1.2255	1.4141	1.3114	1.2460	1.8844
Sn-119m	0.4021	0.2410	0.3228	0.1891	0.3965	0.3609	0.3157	0.2650



<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.1173	0.0783	0.1208	0.0638	0.1290	0.1090	0.1041	0.1045
Sn-123	0.0046	0.0056	0.0057	0.0088	0.0090	0.0080	0.0117	0.0124
Sn-123m	0.6078	0.6989	0.7969	1.0248	1.0040	0.9409	0.9221	1.5723
Sn-125m	0.6873	0.7651	1.0675	1.2891	1.3148	1.1695	1.9036	1.6286
Sn-125	0.2537	0.2938	0.3106	0.4649	0.4684	0.4181	0.5929	0.6143
Sn-126	0.6252	0.5057	0.6243	0.5604	0.8133	0.6532	0.7857	0.7127
Sn-127m	0.7180	0.8188	1.3553	1.3460	1.2238	1.2069	1.7502	2.0236
Sn-127	1.6086	1.8022	2.0549	2.8386	2.8670	2.5924	3.5809	3.7982
Sn-128	1.9153	1.6781	2.2359	2.1498	2.6962	2.4107	2.9787	3.2513
Sn-129	1.1012	1.0882	1.1613	1.7686	1.7921	1.5782	2.3078	2.6400
Sn-130	1.9137	1.9406	2.2802	2.8531	3.1449	2.8190	3.2652	3.4651
Sn-130m	1.2327	1.2332	1.3407	1.7608	1.9824	1.7254	2.2385	2.4121
Sr-79	0.7570	0.7746	0.9413	1.0220	1.1841	1.0358	1.2584	1.4651
Sr-80	0.8943	0.8549	1.0767	1.2352	1.2295	1.1505	1.4431	1.8366
Sr-81	1.0092	1.1577	1.4371	1.7585	1.7138	1.6071	1.9276	2.6008
Sr-82	0.3980	0.3266	0.3696	0.3623	0.3855	0.3612	0.3377	0.5183
Sr-83	1.1276	1.0881	1.2574	1.5593	1.5641	1.4279	1.7317	2.1169
Sr-85	1.1064	1.1205	1.7027	1.6756	1.5771	1.5301	2.0345	2.5139
Sr-85m	0.7695	0.8546	1.2103	1.2802	1.3286	1.3503	1.3437	1.4524
Sr-87m	0.6023	0.6998	1.0191	1.1565	1.0492	1.0366	1.4493	1.7314
Sr-89	0.0001	0.0001	0.0001	0.0001	0.0001	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	0.6453	0.7193	0.7447	1.1542	1.1664	1.0319	1.4455	1.5802
Sr-92	0.8417	0.8947	0.9140	1.3823	1.4253	1.2764	1.8908	1.9145
Sr-93	2.1764	2.2980	2.6085	3.6421	3.6537	3.2957	4.5478	5.0287
Sr-94	0.9019	0.9336	0.9215	1.4043	1.4725	1.3219	1.9870	1.9609
Ta-170	0.7830	0.8103	1.1993	1.1267	1.2891	1.0382	1.3054	1.4199
Ta-172	1.8263	1.9470	2.6229	2.8413	3.1148	2.6278	3.4474	3.6192
Ta-173	1.2879	1.3066	2.0213	1.7559	2.0680	1.5432	2.0076	2.2769
Ta-174	1.3505	1.4049	2.0748	1.9560	2.2331	1.8363	2.2633	2.3691
Ta-175	1.8623	1.9740	2.7248	2.7593	3.1459	2.5454	3.4418	3.5823
Ta-176	2.0757	2.1260	2.7213	3.0371	3.3487	2.7700	3.9350	4.0055
Ta-177	0.5540	0.5596	0.9116	0.6902	0.9068	0.6027	0.7959	0.8734
Ta-178	0.5960	0.5889	0.9758	0.7353	0.9530	0.6361	0.8522	0.9238
Ta-178m	3.5024	3.7400	5.5695	5.5877	6.0339	5.1728	7.1102	7.1666
Ta-179	0.2927	0.2752	0.5603	0.3417	0.4347	0.2820	0.3781	0.4313
Ta-180	0.4776	0.4699	0.7978	0.5771	0.7605	0.4972	0.6598	0.7196
Ta-182	1.6020	1.6948	2.1500	2.4566	2.6890	2.2139	3.0170	3.1707
Ta-182m	1.4932	1.5589	2.5994	2.1438	2.3383	1.8970	2.2337	2.8876
Ta-183	1.5178	1.5316	2.6082	2.1196	2.3900	1.9766	2.4220	2.6045
Ta-184	2.6910	2.9753	4.3477	4.6670	4.6806	4.3193	5.6174	6.1128
Ta-185	0.8107	0.8266	1.3981	1.1381	1.2319	1.0233	1.1851	1.4717

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Ta-186	2.4998	2.7115	3.6692	4.2200	4.3136	3.9419	5.0480	5.5630
Tb-146	1.8925	2.0109	2.0844	2.8915	3.0973	2.7978	4.1170	4.0677
Tb-147m	1.1581	1.1949	1.3054	1.6875	1.9145	1.6148	2.3142	2.3662
Tb-147	1.8275	2.0002	2.2680	3.0062	3.2545	2.7457	3.8005	4.3344
Tb-148m	3.4952	3.7700	4.4291	6.1140	6.1421	5.4043	7.2953	8.4486
Tb-148	1.6120	1.7005	1.9266	2.6720	2.7713	2.3800	3.1497	3.3955
Tb-149m	1.5081	1.5757	1.7590	2.4775	2.6546	2.1852	2.7360	3.1653
Tb-149	1.6593	1.8088	2.2348	2.7465	2.9237	2.5141	3.3396	3.8220
Tb-150m	3.5794	3.7037	4.7666	5.9565	6.0127	5.3280	7.5366	8.9280
Tb-150	1.9276	1.9238	2.2356	2.9061	3.1183	2.6584	3.7294	4.1312
Tb-151	2.1207	2.2811	3.1731	3.3622	3.7207	3.2432	4.1390	4.7363
Tb-151m	0.3724	0.3373	0.8230	0.4752	0.5285	0.3938	0.5158	0.6896
Tb-152m	1.8258	2.0019	2.9301	3.0211	3.2967	2.8591	3.7482	4.1353
Tb-152	1.5230	1.6323	2.1023	2.4798	2.6992	2.3097	3.2927	3.3554
Tb-153	1.1680	1.2404	1.7444	1.6566	2.0474	1.6579	1.9520	2.2934
Tb-154	1.8614	1.9404	2.2764	2.7464	3.1279	2.5960	3.5510	3.7368
Tb-155	1.1538	1.1766	1.6163	1.4789	1.9418	1.4864	1.7749	2.1300
Tb-156	2.5135	2.7264	3.6027	4.0528	4.3992	3.8047	5.1176	5.7015
Tb-156m	0.2823	0.3399	0.4081	0.4435	0.6514	0.3895	0.4794	0.6853
Tb-156n	0.0976	0.0744	0.2551	0.0970	0.1061	0.0745	0.0983	0.1418
Tb-157	0.1029	0.0837	0.2510	0.1036	0.1265	0.0870	0.1094	0.1589
Tb-158	1.2010	1.3153	1.6510	1.8581	2.1552	1.7408	2.2656	2.5762
Tb-160	1.2225	1.3702	1.6312	2.1314	2.2448	1.9431	2.6746	2.7593
Tb-161	0.4731	0.3963	0.6671	0.4518	0.6711	0.4804	0.5634	0.6505
Tb-162	1.6827	1.8547	2.3644	2.9413	3.0402	2.8000	3.2923	3.4193
Tb-163	1.3598	1.5340	2.3192	2.5420	2.4180	2.2891	3.3098	3.6656
Tb-164	2.8618	3.0214	3.6268	4.7734	4.8861	4.3351	5.7594	6.4125
Tb-165	0.6596	0.7048	0.8693	1.0931	1.1121	0.9870	1.4166	1.5262
Tc-101	0.7336	0.8096	1.1307	1.3394	1.3931	1.2526	1.9248	1.6181
Tc-102m	2.0967	2.2240	2.8028	3.5038	3.4500	3.2023	4.7001	5.0597
Tc-102	0.0878	0.0983	0.1421	0.1614	0.1513	0.1440	0.2067	0.2367
Tc-104	1.9148	2.0667	2.5724	3.2874	3.2656	2.9968	4.3826	4.4099
Tc-105	1.2918	1.4082	1.7482	2.1154	2.1923	2.0136	2.6354	2.8856
Tc-91	0.8693	0.8731	0.9113	1.2851	1.3639	1.2192	1.7340	1.6006
Tc-91m	0.5023	0.5644	0.8757	0.9113	0.8497	0.8232	1.1874	1.3453
Tc-92	3.0476	3.2797	3.6519	5.0414	5.2109	4.6817	6.4006	6.5863
Tc-93	1.1537	1.1939	1.1901	1.6485	1.7891	1.6494	2.2336	2.2217
Tc-93m	0.7932	0.8607	1.1014	1.3239	1.2957	1.2316	1.6241	1.7766
Tc-94	2.7983	3.0236	3.1160	4.8044	4.8695	4.2985	5.4860	6.0206
Tc-94m	1.0361	1.1493	1.1621	1.7827	1.8220	1.6156	2.0785	2.1575
Tc-95	1.1320	1.1863	1.2180	1.7830	1.8521	1.6587	1.9067	2.0935
Tc-95m	1.3147	1.4275	1.6738	2.0684	2.1808	2.0635	2.3017	2.5078
Tc-96	2.7082	2.9518	3.0206	4.7476	4.7890	4.1942	5.1077	5.5038

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Tc-96m	0.2025	0.2007	0.2208	0.2274	0.2686	0.2666	0.2458	0.2638
Tc-97	0.3032	0.3082	0.3218	0.3047	0.3840	0.3945	0.3193	0.3409
Tc-97m	0.2369	0.2303	0.2462	0.2308	0.2921	0.3009	0.2427	0.2574
Tc-98	1.7138	1.6936	1.7666	2.8353	2.8380	2.4566	3.3808	3.9272
Tc-99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Tc-99m	0.5113	0.6396	0.7429	0.8632	0.9181	0.8318	0.9552	1.4078
Te-113	0.9457	0.9901	1.0339	1.5256	1.5883	1.4073	1.9715	1.9974
Te-114	1.6745	1.5163	1.7789	2.0046	2.4378	2.1773	2.7376	2.7445
Te-115	1.4116	1.4368	1.5633	2.2005	2.3376	2.0892	2.8529	2.9902
Te-115m	1.6922	1.7102	1.7947	2.5835	2.7512	2.4397	3.3696	3.4396
Te-116	1.0403	0.7666	0.8887	0.7366	1.2708	1.0788	1.1248	1.0947
Te-117	1.3607	1.2633	1.3243	1.8056	2.0594	1.8107	2.3743	2.4226
Te-118	0.4571	0.2949	0.3432	0.2180	0.5006	0.4349	0.3951	0.3578
Te-119	1.3569	1.1508	1.2450	1.6141	1.9186	1.6772	2.2222	2.5023
Te-119m	1.9289	1.9847	2.2313	2.8549	3.1510	2.8421	3.4801	3.9990
Te-121	1.2630	1.1243	1.5316	1.5768	1.8030	1.6527	2.1831	2.4777
Te-121m	0.8859	0.8721	1.1625	1.1399	1.4024	1.3406	1.3314	1.3502
Te-123	0.0199	0.0125	0.0627	0.0172	0.0146	0.0109	0.0152	0.0245
Te-123m	0.8283	0.8521	1.0099	1.1365	1.2592	1.1480	1.1230	1.7922
Te-125m	0.7235	0.5168	0.6379	0.3931	0.8728	0.7252	0.6951	0.7091
Te-127	0.0088	0.0102	0.0154	0.0167	0.0156	0.0153	0.0210	0.0250
Te-127m	0.2344	0.1654	0.2275	0.1301	0.2759	0.2291	0.2219	0.2282
Te-129	0.1996	0.1756	0.2919	0.2262	0.2747	0.2511	0.3060	0.3446
Te-129m	0.2054	0.1545	0.1959	0.1511	0.2586	0.2179	0.2300	0.2441
Te-131	0.8178	0.9475	1.1744	1.4102	1.4152	1.3066	1.6014	2.1870
Te-131m	1.6907	1.7973	2.0030	2.8182	2.9440	2.5928	3.3093	3.5316
Te-132	1.1139	1.1201	1.5078	1.4473	1.8423	1.7141	1.7232	1.7977
Te-133	1.2739	1.3995	1.7429	2.2745	2.2951	2.0682	3.0871	2.9713
Te-133m	1.9614	2.1301	2.3952	3.3099	3.4220	3.0711	4.1667	4.4193
Te-134	1.6449	1.7206	2.1980	2.6384	2.7688	2.5351	3.1561	3.4536
Th-223	0.7182	0.6539	0.9387	0.8136	0.9446	0.7953	0.9460	1.0862
Th-224	0.1015	0.1097	0.1471	0.1560	0.1593	0.1496	0.1579	0.2090
Th-226	0.0917	0.0855	0.1348	0.1032	0.1167	0.1047	0.1128	0.1387
Th-227	0.8414	0.8010	1.2938	1.0731	1.1703	1.0687	1.2024	1.3261
Th-228	0.0814	0.0694	0.1229	0.0802	0.0871	0.0791	0.0813	0.1060
Th-229	0.6727	0.6812	0.7081	0.6741	1.0091	1.0462	1.0150	0.9821
Th-230	0.0638	0.0535	0.0993	0.0602	0.0646	0.0590	0.0584	0.0803
Th-231	2.7456	2.6948	2.6709	2.7003	3.9710	3.9265	4.2679	3.9937
Th-232	0.0580	0.0485	0.0908	0.0545	0.0583	0.0533	0.0524	0.0727
Th-233	0.1994	0.1755	0.3338	0.2284	0.2464	0.2157	0.2575	0.3171
Th-234	0.1429	0.1293	0.1859	0.1492	0.1801	0.1481	0.1689	0.1838
Th-235	0.0820	0.0864	0.1111	0.1382	0.1362	0.1235	0.1661	0.1933
Th-236	0.1456	0.1429	0.2016	0.1888	0.2091	0.1853	0.2244	0.2628

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Ti-44	1.1896	1.0687	1.2061	1.3261	1.7136	1.2541	1.8606	1.4398
Ti-45	0.0094	0.0070	0.0244	0.0103	0.0093	0.0076	0.0109	0.0144
Ti-51	0.6981	0.7771	1.0534	1.3104	1.3592	1.1852	1.9629	1.5958
Ti-52	0.5915	0.7255	0.9385	0.8637	1.0497	0.9132	1.1763	1.4454
Tl-190	1.1036	1.1764	1.6922	1.8636	1.8006	1.6573	2.3612	2.7293
Tl-190m	3.0119	3.1096	4.0400	5.0065	4.9572	4.4504	6.2969	7.1191
Tl-194	1.2017	1.2225	1.8027	1.8723	1.8691	1.6676	2.3848	2.6969
Tl-194m	3.9685	3.9890	5.3454	6.2858	6.3184	5.6224	7.7575	8.7544
Tl-195	1.7922	1.6970	2.4909	2.4144	2.5969	2.2015	3.0709	3.0804
Tl-196	2.1018	2.1297	2.8606	3.1820	3.2451	2.9113	4.2119	4.4102
Tl-197	1.2558	1.1868	1.7532	1.6495	1.8081	1.4843	2.0775	2.1373
Tl-198	2.2875	2.3176	3.0634	3.4689	3.5476	3.1573	4.5460	4.7545
Tl-198m	2.6116	2.5632	3.7792	3.9584	4.0008	3.5842	5.0211	5.6182
Tl-199	1.1835	1.1166	1.7519	1.5283	1.6957	1.4185	1.8609	1.8641
Tl-200	1.9683	2.0162	2.7525	3.1012	3.1851	2.7598	4.0209	4.1538
Tl-201	0.9347	0.8162	1.3600	1.0332	1.2061	0.9254	1.2501	1.2591
Tl-202	1.2906	1.3066	2.1101	1.9490	1.9535	1.7367	2.4607	2.7208
Tl-204	0.0152	0.0127	0.0226	0.0158	0.0187	0.0140	0.0196	0.0186
Tl-206m	3.7922	4.1514	5.6518	6.5660	6.5720	6.2173	8.0323	8.6819
Tl-206	0.0008	0.0007	0.0010	0.0008	0.0010	0.0008	0.0011	0.0010
Tl-207	0.0021	0.0024	0.0025	0.0039	0.0039	0.0034	0.0046	0.0049
Tl-208	2.1293	2.0673	2.5702	3.2463	3.3638	2.9433	4.1634	4.1939
Tl-209	2.3349	2.5081	3.1740	3.5686	3.7637	3.4744	5.0275	5.3078
Tl-210	2.6322	2.7661	3.2793	4.4190	4.5216	3.9872	5.4451	5.2991
Tm-161	2.1909	2.3426	3.1914	3.1753	3.8796	2.9605	3.8472	4.4877
Tm-162	1.4280	1.4926	1.8233	2.1755	2.4315	1.9761	2.6442	2.8529
Tm-163	1.9678	2.1065	2.7826	3.0032	3.5051	2.7621	3.7021	4.1528
Tm-164	0.5255	0.5478	0.7601	0.7531	0.9221	0.6778	0.9068	1.0453
Tm-165	1.4844	1.6256	2.3867	2.3960	2.7469	2.2443	2.7923	3.1477
Tm-166	2.1154	2.1972	2.7334	3.2793	3.5900	2.9382	3.9533	4.3416
Tm-167	0.8080	0.8731	1.4048	1.1866	1.4737	1.1076	1.2715	1.5634
Tm-168	2.1879	2.3634	3.1024	3.6188	3.8863	3.2505	3.9946	4.6461
Tm-170	0.0455	0.0402	0.0822	0.0522	0.0639	0.0444	0.0607	0.0689
Tm-171	0.0062	0.0063	0.0109	0.0079	0.0105	0.0066	0.0088	0.0105
Tm-172	0.4508	0.4559	0.6062	0.6556	0.7104	0.6054	0.8812	0.9056
Tm-173	0.6780	0.8072	1.2325	1.3492	1.2199	1.1898	1.6612	2.0666
Tm-174	2.8698	3.2963	4.5040	5.1636	5.2353	4.8279	6.3985	6.8633
Tm-175	1.3004	1.4630	2.0358	2.3471	2.3002	2.0892	2.9777	3.3526
Tm-176	2.1026	2.3137	3.0179	3.5585	3.6802	3.2760	4.3868	4.6704
U-227	0.7512	0.7283	1.0577	0.9677	1.0820	0.9918	1.0878	1.1867
U-228	0.0924	0.0826	0.1318	0.0957	0.1072	0.0983	0.0987	0.1236
U-230	0.0934	0.0811	0.1370	0.0906	0.0994	0.0927	0.0894	0.1181
U-231	1.3824	1.1951	1.7844	1.3675	1.6352	1.4284	1.5214	1.8181

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
U-232	0.0862	0.0742	0.1278	0.0817	0.0895	0.0837	0.0794	0.1077
U-233	0.6319	0.6395	0.6220	0.6257	0.9653	0.9788	0.9160	0.8872
U-234	1.7031	1.7194	1.6857	1.7434	2.5037	2.4949	2.3697	2.4468
U-235	0.8493	0.8999	1.2756	1.2350	1.2957	1.2098	1.2445	1.6193
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	0.0711	0.0609	0.1057	0.0671	0.0732	0.0687	0.0648	0.0887
U-237	0.7113	0.7044	0.7029	0.6797	1.0264	1.0533	1.0087	1.0519
U-238	0.0572	0.0490	0.0850	0.0540	0.0589	0.0552	0.0521	0.0713
U-239	0.4357	0.3897	0.4656	0.4768	0.6003	0.4676	0.6323	0.5582
U-240	0.2374	0.2050	0.3576	0.2299	0.2594	0.2377	0.2322	0.3036
U-242	0.1486	0.1518	0.1809	0.2033	0.2387	0.1914	0.2550	0.2588
V-47	0.0077	0.0072	0.0126	0.0103	0.0104	0.0096	0.0131	0.0135
V-48	1.6024	1.8472	1.9275	2.9018	2.9497	2.6064	3.8078	4.0101
V-49	0.0544	0.0341	0.1770	0.0478	0.0390	0.0288	0.0414	0.0681
V-50	1.0000	1.0015	1.0904	1.4253	1.5247	1.3975	2.0850	1.9696
V-52	0.8804	0.9126	0.8929	1.3542	1.4297	1.2894	1.9574	1.9024
V-53	0.7485	0.9337	0.9486	1.4344	1.4661	1.3206	1.9319	2.0394
W-177	2.3432	2.4773	3.6968	3.4407	3.8746	3.1174	4.1770	4.6514
W-178	0.2314	0.1986	0.5024	0.2496	0.2944	0.1972	0.2690	0.3140
W-179	0.6678	0.6113	1.1916	0.7157	0.9570	0.6452	0.8434	0.9290
W-179m	0.4486	0.4332	0.7685	0.5457	0.6729	0.4882	0.6250	0.6246
W-181	0.4292	0.4104	0.7481	0.5000	0.6479	0.4235	0.5733	0.6019
W-185m	0.4166	0.3270	1.0608	0.4351	0.4342	0.3305	0.4361	0.5928
W-185	0.0004	0.0004	0.0006	0.0005	0.0006	0.0004	0.0006	0.0006
W-187	0.8271	0.8462	1.1444	1.2835	1.3361	1.1395	1.6006	1.7970
W-188	0.0070	0.0072	0.0117	0.0107	0.0117	0.0104	0.0132	0.0119
W-190	1.0712	1.0898	1.6580	1.4197	1.6217	1.2351	1.5083	1.8243
Xe-120	1.4157	1.2382	1.5061	1.4659	2.0260	1.7447	2.0155	2.1705
Xe-121	1.1340	1.1245	1.3629	1.5320	1.8032	1.6036	2.0263	2.0724
Xe-122	0.5384	0.4518	0.5729	0.4427	0.7508	0.6284	0.6929	0.7504
Xe-123	1.0252	1.0391	1.2166	1.3172	1.6172	1.4251	1.6353	2.0262
Xe-125	1.2470	1.2153	1.5702	1.4974	1.9608	1.7875	1.8246	2.0301
Xe-127	1.2230	1.2417	1.5839	1.5907	1.9716	1.8099	1.8986	2.1636
Xe-127m	0.8523	0.9484	1.1595	1.1288	1.4497	1.2525	1.4469	1.8757
Xe-129m	0.7336	0.6207	0.7933	0.5090	1.0421	0.8231	0.8439	0.9764
Xe-131m	0.3116	0.2604	0.3482	0.2151	0.4325	0.3422	0.3510	0.4190
Xe-133	0.5082	0.4442	0.5369	0.4639	0.7353	0.5638	0.7158	0.7093
Xe-133m	0.3749	0.3310	0.4465	0.3208	0.5498	0.4643	0.4714	0.5232
Xe-135	0.7729	0.8491	1.2786	1.3152	1.3778	1.4369	1.4460	1.4225
Xe-135m	0.6697	0.7164	1.1393	1.1343	1.0996	1.0466	1.4944	1.7591
Xe-137	0.2461	0.2855	0.4490	0.4737	0.4283	0.4228	0.6029	0.7111
Xe-138	1.0804	1.1415	1.5348	1.7157	1.7317	1.6804	2.2032	2.1960
Y-81	0.8519	0.8939	1.1142	1.1446	1.2932	1.1446	1.4401	1.6954

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Y-83	0.7008	0.7088	0.8231	0.9502	1.0415	0.9402	1.1352	1.3253
Y-83m	0.7245	0.7944	1.1761	1.2169	1.2195	1.2419	1.4116	1.4938
Y-84m	2.5805	2.9098	3.0124	4.6567	4.6863	4.1442	5.6946	6.1123
Y-85	0.6420	0.7036	1.0859	1.0953	1.0258	0.9967	1.3620	1.6047
Y-85m	0.7759	0.7927	0.9275	1.1539	1.1957	1.1193	1.4013	1.4583
Y-86	2.8549	3.0349	3.2910	4.6744	4.7323	4.2641	5.9844	6.4225
Y-86m	0.6491	0.7481	0.9977	1.1014	1.1722	1.1612	1.1632	1.2033
Y-87	1.0151	1.0714	1.6395	1.5837	1.4940	1.4734	1.9156	2.3397
Y-87m	0.5850	0.6771	0.9712	1.1079	1.0280	1.0030	1.4167	1.6174
Y-88	2.1559	2.2223	2.2572	3.1339	3.2724	3.0076	4.0922	3.9742
Y-89m	0.7611	0.9003	0.9089	1.4419	1.4519	1.2808	1.7283	1.8406
Y-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Y-90m	1.2843	1.4929	2.2273	2.3260	2.2705	2.2494	2.7180	3.0614
Y-91	0.0019	0.0021	0.0021	0.0035	0.0035	0.0030	0.0044	0.0048
Y-91m	0.7634	0.7972	1.1617	1.3071	1.2386	1.1665	1.7079	2.0286
Y-92	0.2058	0.2361	0.2599	0.3738	0.3736	0.3374	0.4773	0.5105
Y-93	0.1089	0.1184	0.1505	0.1832	0.1898	0.1833	0.2315	0.2163
Y-94	0.6093	0.7040	0.7378	1.1175	1.1250	1.0015	1.3900	1.4691
Y-95	0.5469	0.5656	0.5840	0.8579	0.8777	0.7776	1.0818	1.0356
Yb-162	1.0521	1.1709	1.6614	1.6128	1.8833	1.4491	1.7637	2.4074
Yb-163	0.8653	0.9107	1.3567	1.2867	1.4990	1.1304	1.5211	1.7560
Yb-164	0.4088	0.4399	0.6994	0.5734	0.7786	0.4884	0.6251	0.8282
Yb-165	1.2316	1.2074	2.0948	1.6100	2.0176	1.3840	1.8683	2.2200
Yb-166	0.7885	0.8241	1.2909	1.0650	1.4513	0.9143	1.1866	1.5049
Yb-167	1.7566	1.8758	2.9027	2.4272	3.0931	2.1944	2.7182	3.5069
Yb-169	1.9536	2.1339	3.0922	2.8140	3.5597	2.5654	3.1532	3.7406
Yb-175	0.0998	0.1134	0.1674	0.1742	0.1793	0.1609	0.2152	0.2441
Yb-177	0.3263	0.3814	0.4632	0.5491	0.5892	0.4918	0.6168	0.8062
Yb-178	0.0753	0.0860	0.1337	0.1426	0.1354	0.1265	0.1860	0.2057
Yb-179	1.4860	1.5195	1.9894	2.4658	2.4447	2.1906	3.2272	3.8008
Zn-60	0.8853	0.8909	1.0449	1.4021	1.4745	1.2600	1.7846	1.9178
Zn-61	0.3833	0.4064	0.5132	0.6244	0.6194	0.5788	0.8378	0.8604
Zn-62	0.8156	0.7702	1.5444	1.1648	1.1781	1.0413	1.4431	1.7680
Zn-63	0.1520	0.1564	0.1977	0.2484	0.2495	0.2191	0.3139	0.3531
Zn-65	0.5513	0.5531	1.0407	0.8573	0.8356	0.7175	1.0500	1.2029
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zn-69m	0.6505	0.7649	1.2507	1.2900	1.1387	1.1403	1.6182	1.9738
Zn-71	0.3830	0.4385	0.6471	0.7129	0.6713	0.6382	0.9128	1.0494
Zn-71m	2.2120	2.4321	3.4600	4.0315	3.7807	3.5893	5.2116	6.1449
Zn-72	0.8635	0.9023	1.6605	1.2464	1.2596	1.1157	1.2744	1.8993
Zr-85	0.6638	0.7590	1.0985	1.2368	1.1435	1.1159	1.5597	1.8104
Zr-86	1.5519	1.5832	2.0398	2.0635	2.3149	2.3275	2.2501	2.4113
Zr-87	0.1195	0.1219	0.1269	0.1599	0.1725	0.1584	0.1870	0.2086

<b>Nuclide</b>	<b>avg10</b>	<b>ctr10</b>	<b>mid10</b>	<b>cnr10</b>	<b>avg50</b>	<b>ctr50</b>	<b>mid50</b>	<b>cnr50</b>
Zr-88	0.9902	1.1023	1.5002	1.6483	1.5634	1.5544	1.9806	2.4225
Zr-89	1.0432	1.1699	1.1956	1.7201	1.7796	1.6019	2.0163	2.1949
Zr-89m	0.8283	0.8239	1.0414	1.3250	1.3067	1.1954	1.7615	2.0744
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	0.8148	0.8375	0.8613	1.4189	1.4087	1.2112	1.5684	1.7691
Zr-97	0.9548	0.9964	1.0717	1.6677	1.6539	1.4432	1.8987	2.1168

Table 14: Composite 1 - Infinite Contamination Thickness for 100x100x10 ft and 200x200x20 ft rooms

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Ac-223	0.0335	0.0276	0.0299	0.0429	0.1732	0.1550	0.2106	0.1907
Ac-224	0.3782	0.2956	0.2729	0.4093	2.1451	1.8449	2.7542	1.9193
Ac-225	0.0460	0.0388	0.0412	0.0624	0.2293	0.2135	0.2791	0.2798
Ac-226	0.1851	0.1460	0.1285	0.2045	1.0732	0.8336	1.2617	0.9536
Ac-227	0.0072	0.0064	0.0091	0.0117	0.0296	0.0293	0.0250	0.0395
Ac-228	0.3323	0.2787	0.2564	0.3744	1.9840	1.4655	1.8551	2.2014
Ac-230	0.1492	0.1252	0.1267	0.1791	0.8826	0.6754	0.8565	1.0623
Ac-231	0.4338	0.3439	0.2845	0.4096	2.6056	1.9780	3.0028	2.4372
Ac-232	0.2552	0.2160	0.2356	0.3227	1.5314	1.1021	1.3182	1.7504
Ac-233	0.2416	0.1924	0.1461	0.2267	1.4840	1.2539	1.4358	1.7005
Ag-100m	0.4629	0.3858	0.3647	0.5348	2.9087	2.0725	2.2116	2.8741
Ag-101	0.3604	0.3001	0.2527	0.3289	2.2174	1.6075	2.2916	1.9898
Ag-102m	0.2954	0.2476	0.2421	0.3208	1.8338	1.3531	1.8056	1.9930
Ag-102	0.6923	0.5755	0.5195	0.7569	4.3157	3.2168	3.7397	4.5712
Ag-103	0.3248	0.2709	0.2356	0.3330	1.9611	1.4584	1.8613	1.7955
Ag-104	0.8216	0.6926	0.6077	0.8539	5.1009	3.8393	4.2881	5.2696
Ag-104m	0.3373	0.2824	0.2361	0.3298	2.0863	1.6533	1.9651	2.2189
Ag-105	0.3777	0.3283	0.2496	0.3030	2.3205	1.7574	2.4270	2.1723
Ag-105m	0.0024	0.0020	0.0034	0.0041	0.0108	0.0089	0.0068	0.0091
Ag-106	0.0726	0.0663	0.0491	0.0572	0.4305	0.3840	0.4508	0.4724
Ag-106m	0.9933	0.8261	0.6993	1.0093	6.1593	4.7401	5.5801	6.5340
Ag-108	0.0079	0.0069	0.0052	0.0072	0.0487	0.0388	0.0380	0.0417
Ag-108m	0.7304	0.6059	0.4731	0.6934	4.5698	3.5848	3.7685	4.1226
Ag-109m	0.0410	0.0428	0.0339	0.0278	0.2304	0.2200	0.3116	0.1960
Ag-110	0.0113	0.0094	0.0074	0.0116	0.0719	0.0536	0.0467	0.0586
Ag-110m	0.7947	0.6615	0.5925	0.8856	5.0032	3.5667	3.7827	4.9041
Ag-111	0.0192	0.0154	0.0114	0.0158	0.1214	0.0838	0.1354	0.1175
Ag-111m	0.0225	0.0236	0.0195	0.0151	0.1258	0.1161	0.1448	0.1054
Ag-112	0.1823	0.1511	0.1327	0.2026	1.1496	0.8399	0.8867	1.0999
Ag-113m	0.1357	0.1104	0.0849	0.1195	0.8514	0.6053	0.8786	0.8212
Ag-113	0.0434	0.0355	0.0275	0.0364	0.2725	0.1835	0.3013	0.2625
Ag-114	0.0769	0.0626	0.0530	0.0791	0.4801	0.3736	0.4290	0.5131
Ag-115	0.1593	0.1289	0.1180	0.1561	0.9861	0.7137	0.9555	0.9385
Ag-116	0.4575	0.3770	0.3378	0.4644	2.8482	2.1773	2.8594	3.1858
Ag-117	0.3053	0.2463	0.2456	0.3483	1.9000	1.3170	1.8519	1.9772
Ag-99	0.4671	0.3861	0.3507	0.4571	2.8935	2.0163	2.8129	2.7119
Al-26	0.2806	0.2337	0.2943	0.3979	1.7339	1.1428	1.5669	2.1573
Al-28	0.2755	0.2296	0.2855	0.3961	1.7018	1.1201	1.5274	2.1289
Al-29	0.2277	0.1916	0.2147	0.2999	1.4138	0.9638	1.5672	1.7884
Am-237	0.4291	0.3439	0.3090	0.4449	2.4968	2.0115	2.2968	2.4169
Am-238	0.4417	0.3635	0.3412	0.5178	2.5958	2.0490	2.1572	2.8017
Am-239	0.4516	0.3622	0.3476	0.5076	2.5343	2.1754	2.1353	2.4814



<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Am-240	0.6492	0.6521	0.6287	0.6846	0.6785	0.6800	0.6294	0.6063
Am-241	0.0997	0.0915	0.0879	0.0871	0.5278	0.4921	0.4717	0.4969
Am-242	0.0586	0.0520	0.0509	0.0674	0.3037	0.2853	0.2588	0.3331
Am-242m	0.0334	0.0329	0.0338	0.0387	0.1550	0.1557	0.1480	0.1889
Am-243	0.1485	0.1235	0.1101	0.1427	0.8187	0.8015	1.8994	0.6185
Am-244	0.4088	0.3537	0.3262	0.4498	2.3799	1.8826	1.8959	2.3485
Am-244m	0.0211	0.0203	0.0196	0.0233	0.1066	0.0984	0.1001	0.1238
Am-245	0.0510	0.0412	0.0384	0.0509	0.2918	0.2319	0.2564	0.2452
Am-246	0.5316	0.4554	0.4044	0.5618	3.0683	2.5022	2.5255	2.8484
Am-246m	0.2925	0.2503	0.2376	0.3374	1.7715	1.2647	1.5761	1.9787
Am-247	0.1862	0.1492	0.1352	0.1856	1.0829	0.8517	0.9693	0.9697
Ar-37	0.0020	0.0016	0.0037	0.0044	0.0073	0.0065	0.0014	0.0050
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	0.2230	0.1874	0.2088	0.3044	1.3834	0.9395	1.5218	1.7796
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	0.3043	0.2555	0.2531	0.3603	1.8980	1.3067	1.7817	2.1602
Ar-44	0.4444	0.3574	0.3816	0.5807	2.7461	1.9135	2.5754	3.0736
As-68	0.5929	0.4984	0.4824	0.7069	3.7069	2.5420	3.2358	4.0678
As-69	0.0783	0.0620	0.0604	0.0857	0.4716	0.3407	0.5019	0.4237
As-70	0.7676	0.6428	0.6329	0.9317	4.7782	3.2742	4.2724	5.3867
As-71	0.2453	0.1856	0.1843	0.3322	1.4413	1.0655	1.4021	1.3683
As-72	0.2473	0.2050	0.1970	0.2674	1.5424	1.1061	1.1477	1.4982
As-73	0.0881	0.0695	0.1428	0.1674	0.3529	0.3129	0.1277	0.2681
As-74	0.1962	0.1601	0.1353	0.2110	1.2067	0.9371	0.8535	1.0708
As-76	0.1507	0.1224	0.0971	0.1511	0.9426	0.7436	0.8191	0.9847
As-77	0.0074	0.0058	0.0047	0.0061	0.0449	0.0330	0.0505	0.0360
As-78	0.3371	0.2792	0.2528	0.3772	2.1205	1.5393	1.7313	2.1228
As-79	0.0148	0.0118	0.0093	0.0143	0.0937	0.0698	0.0858	0.0946
At-204	0.9970	0.8000	0.6474	0.9977	6.1237	4.9358	6.3962	5.9908
At-205	0.4668	0.3788	0.3458	0.5278	2.7590	2.2545	3.8185	2.6320
At-206	1.0197	0.8184	0.6892	1.0404	6.2567	4.9415	6.7312	6.0754
At-207	0.7555	0.6168	0.5704	0.8413	4.5310	3.5731	5.6677	4.4880
At-208	1.1684	0.9537	0.8454	1.3037	7.1153	5.4666	7.5412	6.6692
At-209	1.0609	0.8583	0.7677	1.1138	6.3610	5.1815	7.5714	6.1556
At-210	0.9227	0.7602	0.7571	1.1018	5.4912	4.0389	7.1099	5.8395
At-211	0.0928	0.0742	0.0721	0.1123	0.4913	0.4860	1.2082	0.4474
At-215	0.0001	0.0001	0.0001	0.0001	0.0007	0.0006	0.0008	0.0006
At-216	0.0049	0.0039	0.0037	0.0055	0.0270	0.0249	0.0560	0.0233
At-217	0.0002	0.0002	0.0002	0.0002	0.0015	0.0011	0.0021	0.0011
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	0.3631	0.2898	0.2327	0.3009	2.2213	1.6062	2.4672	1.8154
Au-186	0.5090	0.4089	0.3642	0.4999	3.0971	2.4005	3.3253	2.8468

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Au-187	0.3993	0.3285	0.3364	0.4384	2.3526	1.8710	2.7752	2.2449
Au-190	0.6499	0.5394	0.4984	0.6168	3.9783	2.8920	4.7482	3.8453
Au-191	0.4905	0.3962	0.3553	0.4705	2.9131	2.3633	3.4823	2.4765
Au-192	0.5955	0.4941	0.4740	0.6044	3.6312	2.6499	4.2974	3.7270
Au-193	0.2782	0.2265	0.2204	0.2659	1.5885	1.3747	2.2527	1.2089
Au-193m	0.2464	0.1994	0.1873	0.2207	1.4242	1.0405	1.7451	1.0716
Au-194	0.4561	0.3760	0.3500	0.4590	2.7611	2.0691	3.3691	2.7546
Au-195	0.2164	0.1778	0.1936	0.2311	1.1789	1.0897	1.7333	0.9179
Au-195m	0.2472	0.2005	0.1875	0.2228	1.4300	1.0463	1.7689	1.1080
Au-196	0.4083	0.3283	0.2735	0.3654	2.4921	1.9263	3.0872	2.2957
Au-196m	0.4191	0.3297	0.3392	0.5170	2.3430	1.9321	3.0995	2.0435
Au-198	0.2337	0.1774	0.1325	0.2192	1.4886	1.1544	1.3885	1.3819
Au-198m	0.7276	0.5638	0.5106	0.7311	4.2774	3.5844	5.1062	3.6367
Au-199	0.1432	0.1079	0.0995	0.2028	0.8401	0.6293	1.0734	0.7725
Au-200	0.0836	0.0674	0.0608	0.0912	0.5259	0.3720	0.5570	0.5732
Au-200m	1.1214	0.8903	0.7179	1.0589	6.9365	5.2759	6.8157	6.5194
Au-201	0.0229	0.0184	0.0173	0.0258	0.1329	0.1104	0.1410	0.1330
Au-202	0.0562	0.0452	0.0392	0.0599	0.3516	0.2642	0.3475	0.3895
Ba-124	0.2497	0.2187	0.1905	0.2173	1.5137	1.2895	1.7233	1.3012
Ba-126	0.3397	0.2952	0.2529	0.2742	2.0715	1.6880	2.2730	1.7631
Ba-127	0.1288	0.1144	0.1043	0.1099	0.7715	0.6990	0.8900	0.6350
Ba-128	0.1272	0.1223	0.1053	0.0723	0.7560	0.7276	1.0085	0.5365
Ba-129	0.1399	0.1284	0.1145	0.0975	0.8339	0.7808	0.9929	0.6315
Ba-129m	0.6823	0.5680	0.4962	0.6801	4.2055	3.3263	4.1422	4.0610
Ba-131	0.4010	0.3390	0.2798	0.3124	2.4331	2.1273	2.6280	2.1586
Ba-131m	0.1622	0.1328	0.1289	0.1560	0.9568	0.8923	0.9027	0.7557
Ba-133	0.4382	0.3789	0.3076	0.3340	2.6643	2.3020	3.8563	2.2360
Ba-133m	0.1166	0.1076	0.0998	0.0806	0.6808	0.6286	0.8617	0.4999
Ba-135m	0.1049	0.0980	0.0861	0.0630	0.6235	0.5837	0.8082	0.4337
Ba-137m	0.2250	0.1876	0.1493	0.2262	1.4274	1.0799	0.9488	1.1491
Ba-139	0.0555	0.0418	0.0356	0.0783	0.3395	0.2455	0.3690	0.3111
Ba-140	0.1233	0.1017	0.0875	0.1225	0.7394	0.6188	0.7601	0.7464
Ba-141	0.4393	0.3540	0.2937	0.4187	2.7358	2.0065	2.7866	2.6572
Ba-142	0.3942	0.3282	0.2935	0.3957	2.4277	1.7625	2.6681	2.3752
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.0259	0.0202	0.0148	0.0232	0.1610	0.1361	0.1653	0.1880
Bi-197	0.5415	0.4467	0.4334	0.6383	3.2164	2.4939	4.1764	3.3717
Bi-200	1.1371	0.9114	0.7682	1.1548	6.9149	5.3803	8.2476	7.0052
Bi-201	0.5572	0.4598	0.4566	0.6667	3.3116	2.5564	4.3229	3.4936
Bi-202	1.0503	0.8555	0.7477	1.1391	6.4295	4.8710	7.0484	6.3995
Bi-203	0.7107	0.5854	0.5950	0.8426	4.2646	3.2360	5.0976	4.4326
Bi-204	1.0517	0.8635	0.7895	1.1667	6.4098	4.7585	7.2534	6.5994
Bi-205	0.5342	0.4407	0.4431	0.6411	3.1792	2.4503	3.9392	3.3042

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Bi-206	1.2340	1.0056	0.9195	1.3323	7.5018	5.8240	8.2972	7.6821
Bi-207	0.6077	0.4999	0.4450	0.6779	3.6445	2.8861	4.4900	3.8373
Bi-208	0.3560	0.3044	0.3048	0.3371	2.1334	1.6408	3.0891	2.0665
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	0.2346	0.1898	0.1530	0.1892	1.4331	0.9971	1.7883	1.2011
Bi-211	0.0348	0.0276	0.0212	0.0311	0.2174	0.1595	0.2666	0.2140
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	0.0383	0.0321	0.0340	0.0480	0.2218	0.1694	0.1789	0.2320
Bi-213	0.0757	0.0586	0.0450	0.0722	0.4685	0.3835	0.5285	0.4782
Bi-214	0.3341	0.2778	0.2709	0.3987	2.0870	1.4824	1.8315	2.2457
Bi-215	0.1672	0.1356	0.1136	0.1574	1.0090	0.7491	1.4086	0.9633
Bi-216	0.3636	0.2873	0.2137	0.3430	2.2694	1.8508	2.1574	2.3579
Bk-245	0.3865	0.3077	0.2910	0.4072	2.2102	1.8009	1.7956	1.9171
Bk-246	0.4344	0.3648	0.3518	0.4759	2.5336	2.0160	1.9374	2.4993
Bk-247	0.2223	0.1749	0.1540	0.2197	1.2920	1.0729	1.9079	1.0542
Bk-248m	0.0801	0.0672	0.0631	0.0864	0.4451	0.3898	0.3545	0.4335
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	0.2559	0.2227	0.2048	0.3045	1.5554	1.0560	1.4665	1.8583
Bk-251	0.1757	0.1430	0.1395	0.1967	0.9785	0.8129	0.7393	0.8485
Br-72	0.4734	0.3931	0.3808	0.5431	2.9464	2.0872	2.6638	3.2463
Br-73	0.2329	0.1912	0.1672	0.2214	1.4297	1.0877	1.3284	1.3039
Br-74	0.5354	0.4394	0.4077	0.5630	3.3327	2.3861	3.4346	3.0982
Br-74m	0.6637	0.5489	0.5025	0.7307	4.1608	2.9965	3.5379	3.9253
Br-75	0.3223	0.2597	0.2120	0.2855	1.9793	1.3626	2.1511	1.8488
Br-76	0.4863	0.4020	0.3796	0.5387	2.9897	2.2439	2.8241	3.2475
Br-76m	0.1458	0.1293	0.1435	0.1766	0.7198	0.6810	0.6969	0.8930
Br-77	0.2367	0.1921	0.1809	0.2550	1.3496	1.0664	1.3748	1.4179
Br-77m	0.0676	0.0562	0.0654	0.1089	0.3200	0.3002	0.3017	0.5031
Br-78	0.0373	0.0308	0.0258	0.0413	0.2276	0.1761	0.1610	0.2086
Br-80	0.0231	0.0192	0.0166	0.0263	0.1397	0.1081	0.0971	0.1284
Br-80m	0.1230	0.1156	0.1313	0.1712	0.5714	0.5923	0.6985	0.8378
Br-82m	0.0447	0.0405	0.0506	0.0823	0.1792	0.1808	0.2077	0.3825
Br-82	0.8069	0.6647	0.5849	0.8644	5.0640	3.7459	4.0386	5.0795
Br-83	0.0032	0.0026	0.0019	0.0030	0.0201	0.0169	0.0194	0.0230
Br-84m	0.7503	0.6103	0.5700	0.8772	4.7024	3.3601	4.2162	5.1944
Br-84	0.2816	0.2337	0.2393	0.3197	1.7540	1.2078	1.7071	1.8717
Br-85	0.0180	0.0150	0.0143	0.0200	0.1130	0.0792	0.0907	0.1172
C-10	0.2433	0.2007	0.1721	0.2479	1.5422	1.1380	1.0148	1.3239
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	0.0036	0.0028	0.0066	0.0078	0.0130	0.0115	0.0024	0.0089
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	0.2007	0.1675	0.1793	0.2609	1.2462	0.8692	1.3211	1.5590

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Ca-49	0.2383	0.2050	0.1877	0.2075	1.5229	1.0523	2.2850	1.2911
Cd-101	0.4609	0.3840	0.3821	0.5493	2.8203	2.1255	2.7123	3.0914
Cd-102	0.3704	0.3139	0.2481	0.3349	2.2580	1.8601	2.2988	2.4162
Cd-103	0.3803	0.3351	0.3282	0.4193	2.3295	1.7050	2.3140	2.5392
Cd-104	0.2545	0.2314	0.1852	0.2167	1.4873	1.3459	2.2803	1.2289
Cd-105	0.2577	0.2292	0.2188	0.2750	1.5753	1.1660	1.5618	1.7031
Cd-107	0.1166	0.1254	0.0967	0.0716	0.6575	0.6255	0.8133	0.5675
Cd-109	0.1075	0.1165	0.0897	0.0647	0.6044	0.5775	0.7694	0.5177
Cd-111m	0.3401	0.2787	0.2286	0.2854	2.0572	1.4503	2.2828	1.4736
Cd-113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0001	0.0001	0.0001	0.0001	0.0007	0.0005	0.0008	0.0005
Cd-115	0.1000	0.0805	0.0595	0.0877	0.6162	0.5183	0.6276	0.6911
Cd-115m	0.0082	0.0068	0.0065	0.0097	0.0508	0.0351	0.0479	0.0596
Cd-117	0.3291	0.2708	0.2500	0.3585	2.0461	1.4189	2.1373	2.1879
Cd-117m	0.4039	0.3370	0.3531	0.4824	2.5159	1.7409	2.3544	2.8891
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	0.4020	0.3323	0.3238	0.4487	2.5055	1.6928	2.5347	2.7543
Cd-119m	0.4694	0.3915	0.4034	0.5653	2.9260	2.0181	2.7337	3.3307
Ce-130	0.3642	0.3098	0.2792	0.3144	2.2017	1.8292	2.2810	1.7544
Ce-131	0.4874	0.4033	0.3615	0.5053	3.0024	2.3290	2.9487	2.8453
Ce-132	0.3457	0.2853	0.2413	0.3280	2.0944	1.7659	2.3368	1.7257
Ce-133	0.2877	0.2521	0.2298	0.2397	1.6944	1.6881	2.2766	1.3241
Ce-133m	0.6878	0.5786	0.5203	0.6588	4.2187	3.4452	4.2543	4.1807
Ce-134	0.0919	0.0920	0.0865	0.0518	0.5340	0.5815	0.7158	0.3432
Ce-135	0.5100	0.4325	0.3595	0.4169	3.1349	2.5033	3.2521	2.6974
Ce-137	0.1034	0.1013	0.1007	0.0684	0.5901	0.6328	0.7585	0.3939
Ce-137m	0.0996	0.0929	0.0872	0.0654	0.5845	0.5495	0.7181	0.3762
Ce-139	0.2612	0.2166	0.1916	0.3013	1.5718	1.3088	1.8270	1.3065
Ce-141	0.1095	0.0835	0.0772	0.1436	0.6631	0.4807	0.6281	0.5256
Ce-143	0.2441	0.2118	0.1819	0.1821	1.4898	1.1975	1.6340	1.2117
Ce-144	0.0315	0.0254	0.0247	0.0314	0.1868	0.1528	0.1904	0.1216
Ce-145	0.4066	0.3510	0.3144	0.3568	2.4990	2.0500	2.3048	2.1002
Cf-244	0.0122	0.0122	0.0119	0.0131	0.0574	0.0578	0.0557	0.0684
Cf-246	0.0084	0.0084	0.0082	0.0090	0.0396	0.0398	0.0384	0.0470
Cf-247	0.2363	0.2009	0.1988	0.2610	1.2746	1.1173	0.9863	1.1952
Cf-248	0.0101	0.0101	0.0098	0.0108	0.0478	0.0479	0.0463	0.0566
Cf-249	0.2382	0.1891	0.1487	0.2225	1.4732	1.1179	1.4105	1.3874
Cf-250	0.0102	0.0097	0.0093	0.0109	0.0519	0.0478	0.0503	0.0590
Cf-251	0.2175	0.1756	0.1646	0.2422	1.2310	1.0244	1.0461	1.1328
Cf-252	0.1243	0.1028	0.0940	0.1330	0.7633	0.5633	0.7405	0.7900
Cf-253	0.0265	0.0266	0.0266	0.0258	0.1288	0.1281	0.1241	0.1253
Cf-254	4.2950	3.5016	3.1899	4.5974	26.7575	19.3870	26.0003	27.5198
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Cl-34	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34m	0.2523	0.2020	0.2245	0.3189	1.5638	1.0459	1.6221	1.6262
Cl-36	0.0000	0.0000	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001
Cl-38	0.2018	0.1695	0.2057	0.2654	1.2511	0.8347	1.1832	1.5045
Cl-39	0.3590	0.2968	0.3000	0.4215	2.2105	1.4777	2.3404	2.3614
Cl-40	0.4937	0.4153	0.4323	0.5915	3.0780	2.1045	3.3676	3.4133
Cm-238	0.1740	0.1373	0.1347	0.2038	0.9761	0.8518	0.7220	0.9433
Cm-239	0.3953	0.3056	0.2765	0.4497	2.3035	1.8986	1.9826	2.1232
Cm-240	0.0139	0.0138	0.0137	0.0162	0.0641	0.0652	0.0639	0.0844
Cm-241	0.4786	0.3864	0.3436	0.5097	2.7532	2.3728	2.4461	2.9209
Cm-242	0.0125	0.0124	0.0123	0.0146	0.0575	0.0585	0.0574	0.0757
Cm-243	0.2277	0.1850	0.1763	0.2450	1.2775	1.0700	1.1426	1.2229
Cm-244	0.0107	0.0106	0.0105	0.0125	0.0494	0.0502	0.0493	0.0651
Cm-245	0.2288	0.1819	0.1773	0.2776	1.2746	1.1166	1.0242	1.2918
Cm-246	0.0095	0.0092	0.0091	0.0110	0.0451	0.0442	0.0448	0.0577
Cm-247	0.1943	0.1476	0.1112	0.1821	1.2379	0.9393	1.1276	1.1147
Cm-248	0.3428	0.2809	0.2565	0.3676	2.1225	1.5488	2.0627	2.1932
Cm-249	0.0151	0.0121	0.0168	0.0223	0.0785	0.0634	0.0467	0.0657
Cm-250	3.3899	2.7639	2.5196	3.6310	21.1157	15.2988	20.5377	21.7319
Cm-251	0.0668	0.0538	0.0442	0.0660	0.4026	0.3296	0.3567	0.4149
Co-54m	0.7094	0.5790	0.5567	0.8674	4.4433	3.1096	4.3617	5.1426
Co-55	0.3269	0.2717	0.2560	0.3827	2.0270	1.4287	1.8590	2.3334
Co-56	0.6282	0.5267	0.5512	0.7383	3.8979	2.6981	3.7095	4.2778
Co-57	0.1909	0.1396	0.1658	0.2366	1.0708	0.7911	0.5765	0.7466
Co-58	0.2615	0.2151	0.2160	0.2817	1.6142	1.1797	1.1065	1.5017
Co-58m	0.0144	0.0112	0.0264	0.0314	0.0522	0.0464	0.0101	0.0360
Co-60	0.4636	0.3910	0.4201	0.6230	2.8766	1.9320	3.0605	3.6660
Co-60m	0.0192	0.0151	0.0316	0.0367	0.0775	0.0677	0.0272	0.0541
Co-61	0.1411	0.1185	0.1059	0.1070	0.8347	0.7485	1.2461	0.5644
Co-62	0.2755	0.2333	0.2471	0.3434	1.7130	1.1491	1.8206	2.0994
Co-62m	0.4912	0.4144	0.4494	0.6337	3.0501	2.0375	3.1476	3.7907
Cr-48	0.4104	0.3165	0.2715	0.3949	2.5232	1.8097	2.4267	2.3895
Cr-49	0.1833	0.1367	0.1226	0.2253	1.0928	0.9093	1.5047	0.9267
Cr-51	0.0306	0.0247	0.0281	0.0358	0.1725	0.1203	0.1788	0.1779
Cr-55	0.0001	0.0001	0.0001	0.0002	0.0007	0.0005	0.0007	0.0009
Cr-56	0.2258	0.1880	0.1641	0.2190	1.2802	1.2523	3.0599	0.9397
Cs-121	0.1632	0.1316	0.1099	0.1701	1.0048	0.7629	1.0693	0.9179
Cs-121m	0.2999	0.2422	0.1966	0.2791	1.8465	1.4664	1.9281	1.6818
Cs-123	0.2286	0.1937	0.1648	0.2097	1.3946	1.1921	1.5376	1.2557
Cs-124	0.0939	0.0772	0.0638	0.0865	0.5916	0.4362	0.6223	0.6056
Cs-125	0.1971	0.1705	0.1411	0.1649	1.2051	1.0540	1.2675	1.1476
Cs-126	0.1581	0.1277	0.1024	0.1455	0.9975	0.7766	0.9756	0.9481
Cs-127	0.3045	0.2578	0.2071	0.2440	1.8851	1.6021	1.9764	1.6123

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Cs-128	0.1082	0.0916	0.0731	0.0898	0.6681	0.5765	0.7218	0.6517
Cs-129	0.2714	0.2431	0.1956	0.1930	1.6663	1.4818	1.9552	1.3897
Cs-130m	0.1920	0.1739	0.1562	0.1464	1.1060	1.1280	2.0396	0.7580
Cs-130	0.0627	0.0619	0.0530	0.0379	0.3721	0.3747	0.4882	0.2950
Cs-131	0.0855	0.0891	0.0767	0.0406	0.5002	0.5389	0.7187	0.3420
Cs-132	0.3330	0.2934	0.2398	0.2942	2.0741	1.7105	1.7484	1.6470
Cs-134	0.5457	0.4474	0.3754	0.5481	3.4419	2.6060	2.4977	3.1676
Cs-134m	0.0637	0.0574	0.0605	0.0546	0.3592	0.3388	0.3706	0.2340
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	0.4886	0.4047	0.3781	0.5014	3.0754	2.2324	2.1954	2.9026
Cs-136	1.3145	1.2921	1.2796	1.3321	1.3615	1.3369	1.3725	1.3580
Cs-137	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-138m	0.1875	0.1607	0.1442	0.1779	1.1403	0.9705	1.2588	1.1274
Cs-138	0.4930	0.4087	0.4027	0.5956	3.0659	2.1649	3.0143	3.6188
Cs-139	0.0496	0.0415	0.0444	0.0613	0.3090	0.2136	0.3124	0.3576
Cs-140	0.3383	0.2817	0.2681	0.3745	2.1205	1.5238	1.9314	2.2021
Cu-57	0.0246	0.0209	0.0204	0.0300	0.1532	0.1024	0.1536	0.1827
Cu-59	0.1184	0.0971	0.0914	0.1336	0.7405	0.5259	0.7230	0.8393
Cu-60	0.4970	0.4155	0.4626	0.6483	3.0851	2.1007	3.0467	3.6904
Cu-61	0.0938	0.0766	0.0722	0.0973	0.5661	0.4101	0.5299	0.5023
Cu-62	0.0018	0.0015	0.0020	0.0027	0.0104	0.0074	0.0090	0.0115
Cu-64	0.0097	0.0076	0.0168	0.0204	0.0380	0.0323	0.0131	0.0303
Cu-66	0.0239	0.0204	0.0190	0.0295	0.1487	0.0966	0.1430	0.1819
Cu-67	0.1513	0.1126	0.0977	0.1722	0.9083	0.7423	1.0394	0.7987
Cu-69	0.1449	0.1213	0.1101	0.1668	0.9041	0.6293	0.8009	1.0202
Dy-148	0.3407	0.2846	0.2424	0.3131	2.1071	1.6729	1.5016	1.6095
Dy-149	0.5369	0.4454	0.4513	0.5573	3.2727	2.4991	2.7314	3.0429
Dy-150	0.2139	0.1682	0.1427	0.1822	1.3334	1.0637	1.1569	1.0559
Dy-151	0.5188	0.4264	0.4010	0.5321	3.1796	2.4230	2.8014	3.0745
Dy-152	0.3534	0.2894	0.2578	0.2487	2.1232	1.5445	2.2191	1.3757
Dy-153	0.5680	0.4673	0.4435	0.5002	3.4102	2.7463	3.3601	2.7671
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	0.4166	0.3418	0.3139	0.3510	2.5160	1.9558	2.4052	2.0080
Dy-157	0.3236	0.2682	0.2257	0.2472	1.9961	1.4846	2.1326	1.8245
Dy-159	0.1237	0.1069	0.1140	0.0802	0.7132	0.6458	0.5751	0.3975
Dy-165m	0.0308	0.0245	0.0315	0.0356	0.1663	0.1430	0.1171	0.1265
Dy-165	0.0279	0.0222	0.0210	0.0239	0.1669	0.1398	0.1505	0.1276
Dy-166	0.1029	0.0835	0.0877	0.0817	0.5860	0.5253	0.7031	0.3623
Dy-167	0.3413	0.2761	0.2240	0.2872	2.1059	1.5525	2.0436	1.8350
Dy-168	0.2846	0.2237	0.1859	0.2555	1.7419	1.4227	1.5546	1.5624
Er-154	0.1409	0.1254	0.1281	0.0894	0.8075	0.7275	0.7106	0.4886
Er-156	0.1741	0.1489	0.1697	0.1385	0.9741	0.8823	0.8045	0.5910
Er-159	0.4116	0.3367	0.3061	0.3902	2.5268	1.9467	1.9825	2.1072

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Er-161	0.4250	0.3495	0.3389	0.3945	2.5916	1.9831	2.0712	2.2525
Er-163	0.1044	0.0864	0.0916	0.0646	0.6051	0.5257	0.4216	0.3406
Er-165	0.1005	0.0832	0.0885	0.0626	0.5815	0.5055	0.4039	0.3263
Er-167m	0.1196	0.0934	0.0825	0.0906	0.7148	0.5881	0.6521	0.5314
Er-169	0.0004	0.0003	0.0008	0.0009	0.0015	0.0014	0.0003	0.0011
Er-171	0.3498	0.2787	0.2353	0.2848	2.1532	1.5263	2.1464	1.9307
Er-172	0.3279	0.2597	0.2175	0.2837	2.0319	1.6030	1.5758	1.6367
Er-173	0.5220	0.4091	0.3705	0.4819	3.1787	2.4760	2.5853	2.6769
Es-249	0.3540	0.2833	0.2554	0.3645	2.0970	1.6535	1.6879	1.8686
Es-250	0.9665	0.8197	0.7617	0.9857	5.5582	4.4753	4.6606	5.1440
Es-250m	0.3054	0.2532	0.2437	0.3450	1.7771	1.3736	1.4215	1.7366
Es-251	0.2167	0.1807	0.1784	0.2393	1.1823	1.0099	0.8907	1.0482
Es-253	0.0034	0.0033	0.0033	0.0036	0.0163	0.0160	0.0155	0.0178
Es-254	0.1129	0.1100	0.1184	0.1292	0.5278	0.5237	0.4890	0.5797
Es-254m	0.2119	0.1826	0.1524	0.2110	1.2908	1.0116	0.9217	1.0942
Es-255	0.0002	0.0001	0.0001	0.0002	0.0011	0.0008	0.0011	0.0011
Es-256	0.0167	0.0172	0.0160	0.0146	0.0835	0.0828	0.0870	0.0795
Eu-142	0.0587	0.0496	0.0513	0.0650	0.3638	0.2675	0.3028	0.3596
Eu-142m	0.8292	0.6883	0.6067	0.8868	5.1621	3.7984	4.3430	5.4081
Eu-143	0.0939	0.0812	0.0886	0.1077	0.5684	0.4329	0.5478	0.5823
Eu-144	0.0454	0.0394	0.0438	0.0554	0.2756	0.2058	0.2550	0.2899
Eu-145	0.3961	0.3403	0.3413	0.4209	2.4239	1.8449	2.0998	2.3195
Eu-146	0.7621	0.6408	0.5847	0.7922	4.7587	3.5887	3.6304	4.2145
Eu-147	0.3170	0.2692	0.2591	0.2852	1.9011	1.5904	1.7138	1.4628
Eu-148	0.8941	0.7403	0.6164	0.8891	5.5633	4.3754	4.6925	5.2890
Eu-149	0.1240	0.1133	0.1198	0.0978	0.7104	0.6540	0.7487	0.4621
Eu-150	0.7931	0.6485	0.5282	0.7252	4.9528	3.8156	4.8414	4.8567
Eu-150m	0.0289	0.0245	0.0219	0.0249	0.1776	0.1419	0.1829	0.1545
Eu-152	0.4573	0.3828	0.3674	0.4710	2.7997	2.0854	2.6241	2.6675
Eu-152m	0.1220	0.1040	0.1011	0.1227	0.7434	0.5672	0.6442	0.6763
Eu-152n	0.1730	0.1339	0.1376	0.1966	0.9777	0.9235	1.5947	0.7750
Eu-154	0.4025	0.3297	0.3196	0.4428	2.4793	1.7671	2.0844	2.4075
Eu-154m	0.1757	0.1463	0.1572	0.1716	0.9959	0.9329	1.1360	0.7201
Eu-155	0.1305	0.1009	0.0981	0.1356	0.7586	0.6973	1.0652	0.5866
Eu-156	0.2737	0.2283	0.2400	0.3202	1.6899	1.2109	1.6380	1.8249
Eu-157	0.2539	0.2096	0.1910	0.2089	1.5390	1.2742	1.3918	1.2054
Eu-158	0.3568	0.3000	0.2904	0.4059	2.1939	1.5659	2.1963	2.3424
Eu-159	0.2682	0.2252	0.2177	0.2347	1.5871	1.3705	1.7515	1.1474
F-17	0.0001	0.0001	0.0001	0.0001	0.0005	0.0004	0.0004	0.0006
F-18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-52	0.2107	0.1534	0.1332	0.3094	1.2827	0.8957	1.3307	1.1926
Fe-53	0.1010	0.0779	0.0587	0.0931	0.6472	0.4726	0.6272	0.6100
Fe-53m	0.7030	0.5910	0.5651	0.8375	4.3994	3.0317	3.8885	4.8418

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Fe-55	0.0119	0.0093	0.0219	0.0261	0.0431	0.0383	0.0081	0.0297
Fe-59	0.2436	0.2054	0.2105	0.3149	1.5118	1.0126	1.5784	1.8846
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	0.3329	0.2785	0.2713	0.3969	2.0699	1.3750	2.1059	2.4254
Fe-62	0.2524	0.1992	0.1449	0.2242	1.5529	1.3443	1.6297	1.9122
Fm-251	0.2102	0.1702	0.1690	0.2288	1.1887	0.9635	0.8675	0.9874
Fm-252	0.0088	0.0089	0.0084	0.0084	0.0429	0.0427	0.0426	0.0449
Fm-253	0.1683	0.1483	0.1452	0.1736	0.9004	0.7868	0.7355	0.7866
Fm-254	0.0106	0.0104	0.0098	0.0103	0.0541	0.0510	0.0534	0.0565
Fm-255	0.0943	0.0933	0.0939	0.0985	0.4486	0.4494	0.4471	0.4758
Fm-256	3.1921	2.6032	2.3680	3.4119	19.8860	14.4167	19.2791	20.4255
Fm-257	0.2336	0.1951	0.1842	0.2418	1.3096	1.0845	1.1029	1.1272
Fr-212	0.4736	0.3846	0.3748	0.5464	2.7609	2.1801	3.6756	2.8601
Fr-219	0.0026	0.0020	0.0016	0.0025	0.0159	0.0124	0.0198	0.0164
Fr-220	0.0279	0.0229	0.0240	0.0376	0.1427	0.1346	0.2537	0.1562
Fr-221	0.0356	0.0280	0.0234	0.0308	0.2104	0.1713	0.2669	0.1699
Fr-222	0.2027	0.1621	0.1444	0.1982	1.1624	0.9830	1.1738	1.0851
Fr-223	0.1269	0.1055	0.1020	0.1170	0.6924	0.6185	0.8304	0.6102
Fr-224	0.2486	0.2000	0.1874	0.2659	1.4857	1.1259	1.4640	1.4323
Fr-227	0.3760	0.2966	0.2585	0.4073	2.2163	1.9016	2.7067	2.1090
Ga-64	0.3693	0.3103	0.3140	0.4335	2.2986	1.5516	2.3539	2.5700
Ga-65	0.1942	0.1473	0.1535	0.2234	1.1525	0.8840	0.7997	0.9329
Ga-66	0.2524	0.2123	0.2216	0.2888	1.5430	1.0557	1.6865	1.6568
Ga-67	0.2158	0.1638	0.1777	0.2646	1.2254	1.0044	1.3883	1.0863
Ga-68	0.0118	0.0098	0.0127	0.0175	0.0657	0.0457	0.0562	0.0750
Ga-70	0.0024	0.0019	0.0019	0.0031	0.0144	0.0097	0.0138	0.0163
Ga-72	0.5633	0.4711	0.4620	0.6096	3.5351	2.4966	2.9358	3.5955
Ga-73	0.2914	0.2361	0.2280	0.2827	1.7229	1.1943	1.8255	1.6302
Ga-74	0.6220	0.5175	0.4864	0.6680	3.8993	2.8391	3.5261	4.0396
Gd-142	0.2135	0.1777	0.1672	0.2130	1.3035	1.0029	1.2655	1.2120
Gd-143m	0.6044	0.5031	0.4661	0.5672	3.7076	2.7050	3.5786	3.2761
Gd-144	0.1345	0.1168	0.1167	0.1200	0.8156	0.6468	0.8109	0.7059
Gd-145m	0.2465	0.2043	0.1843	0.2485	1.5345	1.1566	1.0823	1.2979
Gd-145	0.3831	0.3255	0.3721	0.4576	2.3461	1.6764	2.2303	2.5369
Gd-146	0.4662	0.3778	0.3835	0.4733	2.7520	2.3007	2.3617	1.9227
Gd-147	0.7042	0.5791	0.5098	0.6403	4.3437	3.2902	4.0494	3.7714
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	0.4393	0.3606	0.3247	0.4242	2.6765	2.0428	2.6474	2.2498
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	0.1468	0.1285	0.1366	0.1276	0.8420	0.7423	0.8214	0.5373
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	0.2507	0.2101	0.2169	0.2264	1.4609	1.3596	1.3901	1.0419
Gd-159	0.0549	0.0451	0.0404	0.0416	0.3351	0.2688	0.3102	0.2614



<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Gd-162	0.2449	0.1884	0.1445	0.2278	1.5442	1.2169	1.4546	1.4918
Ge-66	0.3339	0.2658	0.2565	0.3370	1.9864	1.5484	1.8583	1.7452
Ge-67	0.2493	0.1888	0.1690	0.3511	1.5348	1.0567	1.5332	1.5117
Ge-68	0.0296	0.0230	0.0537	0.0644	0.1069	0.0953	0.0222	0.0770
Ge-69	0.2011	0.1669	0.1814	0.2588	1.1933	0.8472	1.0580	1.3383
Ge-71	0.0300	0.0233	0.0545	0.0653	0.1085	0.0967	0.0225	0.0781
Ge-75	0.0333	0.0267	0.0213	0.0248	0.2045	0.1393	0.2294	0.1537
Ge-77	0.5561	0.4436	0.3639	0.4962	3.4532	2.5333	3.3726	3.0510
Ge-78	0.2489	0.2010	0.1574	0.1861	1.5409	1.0155	1.7932	1.2718
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	0.2237	0.1826	0.1533	0.1735	1.3776	0.9916	1.4243	1.2800
Hf-169	0.3599	0.2863	0.2414	0.2934	2.1786	1.8470	2.0247	2.1631
Hf-170	0.4147	0.3277	0.3096	0.3985	2.4788	1.9714	1.9622	1.9551
Hf-172	0.2598	0.2155	0.2345	0.2088	1.4722	1.2555	1.1793	0.9151
Hf-173	0.4673	0.3635	0.3434	0.4097	2.8155	2.0688	2.2167	2.0741
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	0.3388	0.2730	0.2362	0.2642	2.0788	1.5703	1.9777	1.7930
Hf-177m	2.0742	1.6475	1.3728	1.7415	12.7289	9.3730	12.7124	10.8075
Hf-178m	1.6189	1.2743	1.0276	1.4287	9.9237	7.8913	10.5313	9.2589
Hf-179m	0.8184	0.6380	0.5533	0.7537	4.9903	3.8208	4.6261	4.2850
Hf-180m	0.7938	0.6274	0.5086	0.6605	4.8875	3.8118	4.9713	4.5154
Hf-181	0.3741	0.2895	0.2443	0.3565	2.2793	1.8156	2.0992	2.2385
Hf-182	0.2450	0.1962	0.1630	0.1969	1.4975	1.0184	1.6544	1.1523
Hf-182m	0.6458	0.5138	0.4505	0.5890	3.9327	3.0525	3.6721	3.5335
Hf-183	0.3665	0.2967	0.2650	0.3448	2.2487	1.8044	2.3755	1.9782
Hf-184	0.2914	0.2271	0.2462	0.3396	1.6784	1.2610	1.4599	1.3777
Hg-190	0.3543	0.2758	0.2773	0.4288	2.0157	1.6397	2.7493	1.5965
Hg-191m	0.8132	0.6591	0.5936	0.7899	4.8826	3.7436	5.7477	4.2981
Hg-192	0.4016	0.3250	0.3082	0.3932	2.3061	1.8694	3.3775	1.8517
Hg-193	0.4370	0.3569	0.3510	0.4711	2.5595	2.0617	3.3054	2.3486
Hg-193m	0.4644	0.3769	0.3465	0.4900	2.7941	2.2203	3.3193	2.6881
Hg-194	0.0207	0.0173	0.0313	0.0418	0.0782	0.0744	0.0515	0.1082
Hg-195	0.2284	0.1885	0.1968	0.2455	1.2626	1.1244	1.9120	1.0456
Hg-195m	0.2613	0.2139	0.2268	0.2856	1.4318	1.1827	1.8976	1.2320
Hg-197	0.1953	0.1600	0.1702	0.2155	1.0440	0.9947	2.0718	0.8132
Hg-197m	0.1790	0.1408	0.1546	0.2184	0.9768	0.8050	1.2905	0.7964
Hg-199m	0.2742	0.2119	0.2025	0.3645	1.5784	1.2566	2.3119	1.4216
Hg-203	0.2296	0.1856	0.1499	0.1817	1.4001	0.9679	1.7830	1.1650
Hg-205	0.0062	0.0048	0.0040	0.0052	0.0369	0.0316	0.0454	0.0302
Hg-206	0.1001	0.0817	0.0646	0.0861	0.6143	0.4401	0.8270	0.5961
Hg-207	0.6758	0.5595	0.5434	0.8063	4.1857	2.8758	4.4011	4.7931
Ho-150	0.3569	0.2947	0.2653	0.3572	2.2401	1.6638	1.5963	2.0409
Ho-153	0.3644	0.2993	0.2589	0.3095	2.2436	1.6395	2.2792	1.9945

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Ho-153m	0.4072	0.3234	0.2855	0.3809	2.4885	1.9151	2.2414	2.1008
Ho-154m	1.0121	0.8059	0.6393	0.9200	6.3510	4.8407	6.1871	6.4490
Ho-154	0.5151	0.4197	0.3530	0.4947	3.2301	2.3242	3.1605	3.3186
Ho-155	0.3102	0.2519	0.2402	0.2658	1.8611	1.4660	1.6946	1.4614
Ho-156	0.6658	0.5391	0.5084	0.6630	4.0853	2.8923	3.7740	3.6116
Ho-157	0.4651	0.3797	0.3508	0.3803	2.8003	2.2064	2.6394	2.2043
Ho-159	0.4703	0.3755	0.3627	0.3953	2.8087	2.2011	2.3431	1.9652
Ho-160	0.6853	0.5681	0.5201	0.6772	4.2135	3.1930	3.5003	3.8035
Ho-161	0.1616	0.1423	0.1460	0.1131	0.9267	0.8332	0.8583	0.5770
Ho-162	0.1481	0.1237	0.1319	0.1140	0.8543	0.7488	0.8457	0.5508
Ho-162m	0.3317	0.2719	0.2738	0.3148	1.9692	1.5483	1.8784	1.6547
Ho-163	0.0005	0.0004	0.0009	0.0010	0.0017	0.0015	0.0003	0.0012
Ho-164	0.0788	0.0658	0.0706	0.0553	0.4519	0.4030	0.3874	0.2628
Ho-164m	0.1362	0.1139	0.1359	0.1098	0.7543	0.6695	0.5362	0.4354
Ho-166	0.0328	0.0261	0.0291	0.0331	0.1827	0.1622	0.2796	0.1277
Ho-166m	0.7868	0.6296	0.5469	0.7714	4.8715	3.6718	4.3131	4.2782
Ho-167	0.2803	0.2232	0.1740	0.2306	1.7558	1.2693	1.9169	1.6682
Ho-168	0.3136	0.2561	0.2390	0.3206	1.9438	1.4622	1.5877	1.7382
Ho-168m	0.0236	0.0192	0.0274	0.0255	0.1218	0.1063	0.0719	0.0715
Ho-170	0.6931	0.5651	0.5211	0.7137	4.2443	3.0461	4.0801	4.0218
I-118m	1.0020	0.8295	0.6813	1.0550	6.3048	4.7098	5.1226	6.0908
I-118	0.3485	0.2885	0.2407	0.3667	2.1891	1.6557	1.7956	2.1466
I-119	0.3240	0.2735	0.2238	0.2365	1.9762	1.4300	2.2518	1.4561
I-120	0.4347	0.3649	0.3294	0.4568	2.7048	2.0554	2.6162	2.8435
I-120m	0.8831	0.7317	0.6054	0.9145	5.5359	4.2396	4.7083	5.5116
I-121	0.3090	0.2653	0.2105	0.2152	1.8740	1.5961	2.0984	1.4944
I-122	0.0760	0.0665	0.0534	0.0656	0.4688	0.3951	0.4603	0.4439
I-123	0.2745	0.2309	0.1920	0.3367	1.6632	1.2985	2.0036	1.4682
I-124	0.3100	0.2714	0.2321	0.3015	1.9226	1.5315	1.7459	1.7789
I-125	0.1637	0.1749	0.1440	0.0761	0.9587	0.9866	1.3990	0.6781
I-126	0.2256	0.1912	0.1504	0.1977	1.4167	1.1299	1.2912	1.2033
I-128	0.0405	0.0330	0.0249	0.0346	0.2522	0.2110	0.2603	0.2544
I-129	0.0902	0.0936	0.0816	0.0440	0.5281	0.5662	0.7468	0.3549
I-130m	0.0656	0.0575	0.0476	0.0553	0.3954	0.3530	0.4248	0.3921
I-130	3.3003	3.3231	3.2935	3.6540	3.4220	3.3368	3.4624	3.4318
I-131	0.2382	0.1886	0.1402	0.2102	1.5162	1.1030	1.5797	1.4273
I-132	0.7248	0.5978	0.5171	0.7582	4.5713	3.3692	3.3782	4.2686
I-132m	0.1789	0.1534	0.1309	0.1734	1.0960	0.8888	0.9437	0.9321
I-133	0.2610	0.2093	0.1598	0.2462	1.6193	1.3333	1.5489	1.8345
I-134m	0.3175	0.2795	0.2291	0.2119	1.9288	1.5028	2.3346	1.4669
I-134	0.7510	0.6223	0.5705	0.8249	4.7056	3.3479	3.8296	4.8595
I-135	0.3279	0.2738	0.2827	0.4142	2.0372	1.3941	2.0078	2.4425
In-103	0.4983	0.4075	0.3753	0.5370	3.0992	2.2697	2.8667	3.0875

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
In-105	0.4135	0.3403	0.3090	0.4239	2.5530	1.8436	2.2480	2.3235
In-106	0.8791	0.7352	0.6265	0.9442	5.5118	3.9830	4.4417	5.5185
In-106m	0.4128	0.3456	0.3173	0.4583	2.5989	1.8676	2.0968	2.4439
In-107	0.3902	0.3308	0.2939	0.3664	2.3984	1.8468	2.4531	2.4205
In-108	1.1275	0.9532	0.8476	1.2022	7.0270	4.9859	6.1676	6.9843
In-108m	0.4216	0.3569	0.3307	0.4573	2.6264	1.9111	2.4128	2.4841
In-109	0.3639	0.3120	0.2521	0.3025	2.2140	1.8096	2.3099	1.9616
In-109m	0.2292	0.1908	0.1481	0.2331	1.4575	1.0897	0.9450	1.1683
In-110	1.0308	0.8784	0.7507	1.0738	6.4495	4.7100	5.1069	6.2082
In-110m	0.3022	0.2583	0.2124	0.2999	1.9007	1.4324	1.4169	1.6057
In-111	0.5144	0.4235	0.3419	0.4793	3.1114	2.2792	3.4797	2.4300
In-111m	0.2267	0.1839	0.1353	0.2050	1.4032	1.1797	1.3536	1.5567
In-112	0.0406	0.0406	0.0312	0.0290	0.2412	0.2109	0.2593	0.2024
In-112m	0.0852	0.0838	0.0664	0.0730	0.5025	0.4287	0.6514	0.4184
In-113m	0.1770	0.1430	0.1065	0.1533	1.1219	0.8706	1.0982	0.9892
In-114	0.0009	0.0008	0.0007	0.0008	0.0051	0.0042	0.0058	0.0054
In-114m	0.0864	0.0794	0.0626	0.0666	0.5177	0.4455	0.5801	0.4361
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	0.1395	0.1227	0.0905	0.1041	0.8700	0.6468	1.0482	0.8606
In-116m	0.5127	0.4255	0.4386	0.6399	3.1954	2.1987	3.1998	3.7988
In-117	0.4368	0.3381	0.2638	0.5369	2.7067	2.0392	2.6575	2.7556
In-117m	0.0973	0.0825	0.0635	0.0996	0.6007	0.4282	0.7307	0.5954
In-118m	0.6444	0.5408	0.5216	0.7744	4.0242	2.7772	3.8026	4.5927
In-118	0.0153	0.0128	0.0135	0.0194	0.0953	0.0664	0.1015	0.1187
In-119	0.2635	0.2215	0.2007	0.2594	1.6513	1.2365	1.1672	1.4553
In-119m	0.0258	0.0238	0.0213	0.0247	0.1559	0.1170	0.1802	0.1658
In-121	0.2750	0.2312	0.2084	0.3031	1.7172	1.1677	1.4713	1.8202
In-121m	0.0763	0.0751	0.0623	0.0429	0.4561	0.4050	0.5349	0.3410
Ir-180	0.5500	0.4458	0.4006	0.5315	3.3569	2.4636	3.0256	2.8530
Ir-182	0.5091	0.4105	0.3826	0.4900	3.0767	2.2503	2.9144	2.5981
Ir-183	0.5191	0.4267	0.4269	0.5267	3.0966	2.4181	3.0938	2.7608
Ir-184	0.8172	0.6643	0.6237	0.8080	4.9595	3.6746	4.7956	4.4831
Ir-185	0.4422	0.3646	0.3947	0.4745	2.5640	2.0418	2.5419	2.2273
Ir-186	0.7661	0.6211	0.5689	0.7624	4.6742	3.4761	4.5322	4.2865
Ir-186m	0.4475	0.3687	0.3566	0.4712	2.7235	2.0321	2.3813	2.4494
Ir-187	0.2869	0.2380	0.2400	0.2773	1.6650	1.3899	1.6944	1.3556
Ir-188	0.5760	0.4736	0.4980	0.6613	3.4936	2.5982	3.3582	3.4532
Ir-189	0.1764	0.1476	0.1621	0.1643	0.9818	0.8550	1.0569	0.6797
Ir-190	0.8888	0.7096	0.5809	0.8381	5.4719	4.3595	5.1227	5.0506
Ir-190m	0.0173	0.0137	0.0302	0.0372	0.0633	0.0573	0.0203	0.0564
Ir-190n	0.1400	0.1180	0.1273	0.1257	0.7853	0.6986	0.8360	0.5364
Ir-191m	0.1635	0.1316	0.1527	0.1818	0.8917	0.7536	0.9244	0.6420
Ir-192	0.5331	0.4309	0.3215	0.4486	3.3430	2.4109	3.7796	3.5098

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Ir-192m	0.0217	0.0178	0.0345	0.0450	0.0811	0.0759	0.0451	0.1010
Ir-192n	0.0463	0.0381	0.0724	0.0946	0.1755	0.1640	0.1044	0.2177
Ir-193m	0.0180	0.0143	0.0304	0.0375	0.0674	0.0613	0.0277	0.0617
Ir-194	0.0485	0.0396	0.0307	0.0432	0.3059	0.2087	0.3421	0.3189
Ir-194m	1.1904	0.9543	0.7243	1.1017	7.4740	5.7045	7.1600	7.5870
Ir-195	0.1431	0.1167	0.1255	0.1526	0.7858	0.7206	1.1074	0.6205
Ir-195m	0.3062	0.2448	0.2144	0.2936	1.8408	1.4572	2.0816	1.6459
Ir-196	0.1029	0.0826	0.0676	0.0980	0.6502	0.4726	0.6262	0.6500
Ir-196m	1.2780	1.0073	0.7789	1.2208	8.0173	6.2417	7.3818	7.8737
K-38	0.2659	0.2236	0.2831	0.3091	1.6537	1.1192	1.6420	1.8900
K-40	0.0276	0.0232	0.0260	0.0409	0.1703	0.1131	0.1634	0.2189
K-42	0.0498	0.0418	0.0461	0.0744	0.3078	0.2026	0.2847	0.3953
K-43	0.4647	0.3698	0.2757	0.4436	2.9628	2.2036	2.4924	2.6571
K-44	0.3742	0.3144	0.3313	0.4505	2.3282	1.5750	2.4152	2.6992
K-45	0.4218	0.3381	0.3455	0.5584	2.6084	1.8012	2.5776	2.8826
K-46	0.3627	0.2976	0.3292	0.4760	2.2336	1.5195	2.6213	2.6701
Kr-74	0.2944	0.2311	0.2057	0.3013	1.7310	1.3897	2.0288	1.5772
Kr-75	0.2379	0.1777	0.1713	0.3133	1.4191	0.9829	1.1899	1.2355
Kr-76	0.3785	0.3106	0.2707	0.3803	2.2117	1.6635	2.3952	2.3849
Kr-77	0.2346	0.1715	0.1653	0.2922	1.3985	0.9487	1.0384	1.0989
Kr-79	0.1574	0.1309	0.1246	0.1886	0.8672	0.6842	0.8832	1.0109
Kr-81	0.0536	0.0486	0.0607	0.0991	0.2138	0.2161	0.2519	0.4619
Kr-81m	0.1597	0.1240	0.1017	0.1688	0.9396	0.7720	0.9642	0.9269
Kr-83m	0.0223	0.0200	0.0267	0.0415	0.0881	0.0890	0.0961	0.1782
Kr-85	0.0011	0.0009	0.0006	0.0010	0.0067	0.0058	0.0069	0.0081
Kr-85m	0.1851	0.1366	0.1170	0.2668	1.1284	0.7437	1.1600	1.0811
Kr-87	0.2001	0.1588	0.1376	0.1962	1.2724	0.9356	1.1872	1.2201
Kr-88	0.3458	0.2881	0.2998	0.3791	2.1321	1.5307	2.1167	2.3189
Kr-89	0.4266	0.3494	0.3251	0.4633	2.6546	1.9148	2.5748	2.7774
La-128	0.7733	0.6356	0.5345	0.7547	4.8123	3.5227	4.8132	4.9580
La-129	0.2791	0.2327	0.1953	0.2322	1.7104	1.3727	1.8366	1.4822
La-130	0.5463	0.4486	0.3738	0.5386	3.4269	2.5566	3.3851	3.5937
La-131	0.3492	0.2924	0.2444	0.2911	2.1406	1.8213	2.2856	1.8705
La-132	0.4987	0.4131	0.3587	0.4844	3.0907	2.4886	3.1036	3.2906
La-132m	0.3671	0.3006	0.2595	0.3547	2.2479	1.7818	2.1174	1.9990
La-133	0.1226	0.1170	0.1089	0.0838	0.7157	0.7142	0.8961	0.5328
La-134	0.0523	0.0496	0.0444	0.0374	0.3137	0.3066	0.3683	0.2445
La-135	0.0962	0.0965	0.0870	0.0503	0.5633	0.6192	0.7753	0.3836
La-136	0.0672	0.0667	0.0609	0.0382	0.3955	0.4214	0.5218	0.2759
La-137	0.0883	0.0896	0.0815	0.0446	0.5153	0.5743	0.7197	0.3378
La-138	0.2970	0.2561	0.2638	0.3519	1.8299	1.3756	1.7464	1.9846
La-140	0.5614	0.4625	0.4455	0.6861	3.4892	2.4842	3.2154	4.1082
La-141	0.0046	0.0039	0.0043	0.0064	0.0285	0.0192	0.0292	0.0362

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
La-142	0.3875	0.3255	0.3202	0.4240	2.4343	1.7090	2.2587	2.4627
La-143	0.0546	0.0455	0.0450	0.0638	0.3418	0.2407	0.3013	0.3681
Lu-165	0.4706	0.3745	0.3635	0.4414	2.8458	2.1861	2.3459	2.3558
Lu-167	0.5767	0.4743	0.4797	0.5785	3.4972	2.6441	3.1838	3.2566
Lu-169m	0.0121	0.0094	0.0221	0.0264	0.0437	0.0389	0.0086	0.0307
Lu-169	0.5093	0.4159	0.4152	0.5204	3.0812	2.3164	2.6575	2.8928
Lu-170	0.5468	0.4553	0.4844	0.5943	3.3320	2.4147	3.2675	3.4071
Lu-171m	0.0134	0.0105	0.0237	0.0282	0.0502	0.0447	0.0148	0.0350
Lu-171	0.4185	0.3448	0.3455	0.3711	2.4806	1.9971	1.8249	1.8408
Lu-172	0.7400	0.6064	0.5821	0.7743	4.5060	3.3341	4.1281	4.3886
Lu-172m	0.0109	0.0084	0.0198	0.0237	0.0393	0.0349	0.0077	0.0275
Lu-173	0.3236	0.2598	0.2554	0.2341	1.9011	1.5566	1.7305	1.2391
Lu-174	0.1457	0.1181	0.1290	0.1121	0.8362	0.7055	0.6919	0.5417
Lu-174m	0.1555	0.1278	0.1542	0.1373	0.8567	0.7393	0.6187	0.5269
Lu-176	0.4688	0.3733	0.3067	0.3809	2.8623	2.1741	3.1829	2.5842
Lu-176m	0.0372	0.0291	0.0344	0.0414	0.2028	0.1838	0.2602	0.1462
Lu-177	0.0462	0.0356	0.0326	0.0401	0.2758	0.2246	0.2364	0.2093
Lu-177m	1.0195	0.7949	0.6850	0.8926	6.2158	4.7481	5.8056	5.0318
Lu-178	0.0462	0.0371	0.0415	0.0562	0.2705	0.2131	0.2831	0.2710
Lu-178m	0.9130	0.7137	0.5828	0.8065	5.6013	4.4116	6.3967	5.0830
Lu-179	0.0303	0.0236	0.0191	0.0230	0.1846	0.1448	0.1822	0.1409
Lu-180	0.4916	0.3976	0.3757	0.5413	3.0349	2.2069	3.0713	3.2027
Lu-181	0.3465	0.2786	0.2552	0.3334	2.0993	1.6318	1.6854	1.7661
Mg-27	0.2528	0.2116	0.1962	0.2798	1.5833	1.0971	1.2715	1.6672
Mg-28	0.4039	0.3479	0.3232	0.4298	2.5101	1.9211	2.6175	2.6550
Mn-50m	0.8182	0.6843	0.6809	0.9960	5.1119	3.5335	4.5119	5.7003
Mn-51	0.0016	0.0013	0.0016	0.0021	0.0091	0.0066	0.0068	0.0090
Mn-52	0.7559	0.6321	0.6255	0.9271	4.7059	3.2526	3.9753	5.1957
Mn-52m	0.2524	0.2117	0.2342	0.3659	1.5619	1.0412	1.5348	2.0020
Mn-53	0.0097	0.0075	0.0178	0.0212	0.0351	0.0312	0.0066	0.0242
Mn-54	0.2587	0.2139	0.2109	0.2818	1.6005	1.1520	1.1492	1.5460
Mn-56	0.3655	0.3043	0.3170	0.4191	2.2862	1.5912	1.8466	2.4227
Mn-57	0.0761	0.0607	0.0695	0.0978	0.4162	0.3230	0.2891	0.3824
Mn-58m	0.5532	0.4572	0.4543	0.6392	3.4581	2.4725	3.0466	3.7889
Mo-101	0.4166	0.3416	0.3199	0.4718	2.5744	1.9008	2.4167	2.7932
Mo-102	0.0208	0.0159	0.0130	0.0213	0.1271	0.0939	0.1259	0.1030
Mo-89	0.0536	0.0453	0.0433	0.0606	0.3327	0.2379	0.2867	0.3504
Mo-90	0.5046	0.4156	0.3569	0.4439	2.9606	2.2082	2.8282	2.4203
Mo-91m	0.2339	0.1962	0.1824	0.2822	1.4614	1.0407	1.1863	1.5104
Mo-91	0.0070	0.0067	0.0060	0.0069	0.0369	0.0329	0.0371	0.0413
Mo-93	0.0689	0.0705	0.0576	0.0550	0.3280	0.3457	0.3232	0.3534
Mo-93m	0.6737	0.5617	0.5214	0.7595	4.1686	2.9256	3.6642	4.1250
Mo-99	0.0691	0.0559	0.0485	0.0728	0.4280	0.3197	0.3331	0.3742

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	0.1798	0.1319	0.1586	0.2178	1.0673	0.7948	1.3393	1.0071
Na-22	0.2210	0.1857	0.2070	0.2984	1.3712	0.9341	1.5334	1.7637
Na-24	0.4877	0.4178	0.4310	0.5466	3.0598	2.0962	3.5650	3.3945
Nb-87	0.2980	0.2380	0.1918	0.2533	1.7478	1.4740	1.6412	1.4897
Nb-88m	0.8931	0.7362	0.6627	1.0026	5.5854	3.9470	5.1112	6.0813
Nb-88	1.0744	0.8954	0.7778	1.1634	6.6037	4.8229	6.7191	7.2347
Nb-89	0.1000	0.0873	0.0874	0.1138	0.5963	0.4395	0.6329	0.6783
Nb-89m	0.2398	0.1933	0.1458	0.2172	1.4570	1.2553	1.4828	1.7501
Nb-90	0.7071	0.5916	0.6154	0.8298	4.2990	2.9920	4.2546	4.7241
Nb-91	0.0714	0.0719	0.0605	0.0644	0.3296	0.3513	0.3420	0.3975
Nb-91m	0.0640	0.0643	0.0538	0.0544	0.3124	0.3172	0.3091	0.3423
Nb-92	0.5709	0.4840	0.4030	0.5909	3.4535	2.6626	3.0347	3.7754
Nb-92m	0.3315	0.2919	0.2627	0.3647	1.9529	1.4421	1.7378	2.2232
Nb-93m	0.0130	0.0131	0.0115	0.0113	0.0610	0.0639	0.0582	0.0648
Nb-94m	0.0482	0.0490	0.0405	0.0392	0.2311	0.2406	0.2254	0.2480
Nb-94	0.4886	0.4056	0.3589	0.5145	3.0819	2.2177	2.2029	2.8869
Nb-95	0.2449	0.2015	0.1838	0.2465	1.5477	1.1399	1.0331	1.3740
Nb-95m	0.1117	0.0990	0.0803	0.0846	0.6194	0.5190	0.6469	0.5161
Nb-96	0.7767	0.6372	0.5633	0.8118	4.8677	3.5965	4.0681	4.9876
Nb-97	0.2410	0.1993	0.1572	0.2484	1.5337	1.1377	0.9842	1.2501
Nb-98m	0.7679	0.6347	0.6009	0.8451	4.8261	3.4596	3.7401	4.7834
Nb-99	0.2818	0.2148	0.1957	0.3372	1.6556	1.2930	1.3820	1.3964
Nb-99m	0.1639	0.1356	0.1277	0.1695	1.0142	0.7431	1.0080	1.0317
Nd-134	0.3522	0.2873	0.2515	0.3773	2.1362	1.6882	2.3452	1.8354
Nd-135	0.4340	0.3585	0.3070	0.3650	2.6357	2.2302	2.6953	2.2906
Nd-136	0.2810	0.2454	0.2361	0.2487	1.6641	1.5245	1.6760	1.2634
Nd-137	0.4018	0.3473	0.3194	0.3671	2.4398	2.0298	2.7341	2.1831
Nd-138	0.1038	0.1003	0.0977	0.0674	0.6043	0.6135	0.7414	0.3918
Nd-139	0.1255	0.1136	0.1070	0.1040	0.7526	0.6820	0.8130	0.6023
Nd-139m	0.6298	0.5335	0.5000	0.6282	3.8719	3.0328	3.3271	3.4899
Nd-140	0.0904	0.0892	0.0890	0.0570	0.5209	0.5500	0.6474	0.3143
Nd-141	0.0946	0.0926	0.0925	0.0626	0.5474	0.5670	0.6748	0.3478
Nd-141m	0.2316	0.1918	0.1738	0.2309	1.4600	1.0889	0.9932	1.2735
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	0.1565	0.1305	0.1194	0.1432	0.9275	0.8516	1.1708	0.7747
Nd-149	0.3197	0.2558	0.2157	0.2804	1.9543	1.5258	1.9434	1.5927
Nd-151	0.3859	0.3088	0.2839	0.4062	2.3717	1.7522	2.1784	2.1613
Nd-152	0.1579	0.1293	0.1076	0.1215	0.9553	0.6690	1.0580	0.7437
Ne-19	0.0000	0.0000	0.0000	0.0000	0.0002	0.0001	0.0001	0.0002
Ne-24	0.2675	0.2093	0.1561	0.2441	1.6651	1.3798	1.6645	1.8981
Ni-56	0.7756	0.6108	0.5549	0.9266	4.7885	3.4089	4.2522	4.5837
Ni-57	0.2829	0.2331	0.2745	0.3979	1.7226	1.1600	1.6205	2.0670

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Ni-59	0.0169	0.0131	0.0309	0.0368	0.0609	0.0541	0.0114	0.0420
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.1139	0.0953	0.0984	0.1537	0.7080	0.4730	0.6911	0.8774
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	0.6794	0.5569	0.5038	0.7249	4.0414	3.1180	3.8031	4.2039
Np-233	0.1974	0.1547	0.1505	0.2417	1.1002	0.9970	1.0526	1.1562
Np-234	0.3960	0.3267	0.3358	0.5239	2.2955	1.8117	2.1269	2.6824
Np-235	0.0469	0.0446	0.0491	0.0640	0.2060	0.2096	0.2060	0.2998
Np-236	0.3855	0.3195	0.3102	0.5063	2.0631	1.8240	2.0230	2.3105
Np-236m	0.1080	0.0862	0.0843	0.1331	0.5944	0.5438	0.5614	0.6330
Np-237	0.1264	0.1145	0.1118	0.1464	0.6362	0.6328	0.8697	0.7313
Np-238	0.1926	0.1697	0.1584	0.2310	1.1306	0.8084	1.0640	1.3769
Np-239	0.3053	0.2441	0.2310	0.3313	1.7352	1.4536	1.5084	1.6589
Np-240	0.5464	0.4588	0.4061	0.6036	3.2090	2.5383	2.8410	3.4236
Np-240m	0.1570	0.1342	0.1147	0.1642	0.9198	0.7503	0.8114	0.9871
Np-241	0.0732	0.0581	0.0560	0.0881	0.4111	0.3578	0.3326	0.4168
Np-242	0.0656	0.0555	0.0564	0.0785	0.3999	0.2886	0.3328	0.4354
Np-242m	0.4575	0.3902	0.3634	0.5127	2.6653	2.0503	2.2888	2.7389
O-14	0.2614	0.2232	0.2568	0.2680	1.6338	1.1240	1.7277	1.7797
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	0.3350	0.2655	0.2419	0.3523	2.0612	1.5877	2.0590	2.0875
Os-180	0.1970	0.1667	0.1785	0.1810	1.1077	0.9607	1.0705	0.7981
Os-181	0.6543	0.5372	0.5242	0.6343	3.9360	2.9704	3.6819	3.3609
Os-182	0.3970	0.3174	0.2916	0.3751	2.3475	1.9511	2.3329	2.1250
Os-183	0.5579	0.4456	0.4108	0.5114	3.3710	2.6839	3.1760	2.7210
Os-183m	0.3516	0.2968	0.2992	0.3833	2.1111	1.5661	2.0896	2.1546
Os-185	0.3542	0.2947	0.2643	0.3429	2.1633	1.6982	1.6439	1.6727
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	0.0164	0.0129	0.0290	0.0353	0.0596	0.0537	0.0169	0.0499
Os-190m	0.9043	0.7163	0.5660	0.8785	5.5918	4.4047	5.2227	5.5184
Os-191	0.1770	0.1425	0.1623	0.1925	0.9735	0.8212	1.0176	0.6922
Os-191m	0.0304	0.0249	0.0404	0.0460	0.1405	0.1264	0.1102	0.1069
Os-193	0.0703	0.0561	0.0539	0.0719	0.4092	0.3363	0.4761	0.3532
Os-194	0.0221	0.0186	0.0314	0.0366	0.0960	0.0899	0.0659	0.0884
Os-196	0.0757	0.0604	0.0538	0.0675	0.4551	0.3607	0.4739	0.3604
P-30	0.0002	0.0002	0.0002	0.0002	0.0012	0.0008	0.0013	0.0014
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	0.0695	0.0589	0.0598	0.0832	0.3602	0.3411	0.4350	0.3911
Pa-228	0.6983	0.5735	0.5355	0.8045	4.0676	3.2453	4.1762	4.4469
Pa-229	0.1692	0.1349	0.1331	0.2126	0.9137	0.8589	1.1703	0.9784
Pa-230	0.3898	0.3201	0.2973	0.4564	2.2432	1.8496	2.3804	2.4898
Pa-231	0.1099	0.1005	0.1040	0.1328	0.5407	0.4966	0.6186	0.6772

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Pa-232	0.3900	0.3263	0.2922	0.4425	2.3263	1.7563	2.0818	2.5761
Pa-233	0.2693	0.2219	0.1950	0.2821	1.5474	1.2394	1.7183	1.6955
Pa-234	0.7064	0.5839	0.5393	0.7943	4.1696	3.2290	3.6405	4.3116
Pa-234m	0.0061	0.0051	0.0048	0.0072	0.0360	0.0270	0.0325	0.0400
Pa-235	0.0058	0.0045	0.0104	0.0125	0.0208	0.0186	0.0045	0.0153
Pa-236	0.2858	0.2407	0.2291	0.3350	1.7177	1.2977	1.3979	1.7784
Pa-237	0.2153	0.1764	0.1564	0.2236	1.3318	1.0075	1.1116	1.3992
Pb-194	0.5488	0.4447	0.4107	0.5917	3.2399	2.6546	4.4638	3.0820
Pb-195m	0.8208	0.6565	0.5724	0.8556	4.9815	3.8919	5.6180	4.7084
Pb-196	0.4811	0.3853	0.3401	0.4632	2.7975	2.3616	4.2939	2.4679
Pb-197	0.5553	0.4494	0.4267	0.6093	3.3541	2.6071	4.2230	3.3019
Pb-197m	0.6967	0.5558	0.4872	0.7123	4.1862	3.3360	5.1283	3.8497
Pb-198	0.4484	0.3586	0.3175	0.4531	2.6287	2.1301	3.9864	2.2983
Pb-199	0.4502	0.3649	0.3413	0.4912	2.6905	2.1191	3.6743	2.6385
Pb-200	0.3528	0.2784	0.2680	0.4111	1.9857	1.6861	3.3402	1.6694
Pb-201	0.4961	0.4032	0.3485	0.4917	2.9759	2.3190	4.2211	2.8964
Pb-201m	0.1952	0.1602	0.1337	0.2097	1.1758	0.9577	1.3231	0.9592
Pb-202	0.0188	0.0155	0.0298	0.0390	0.0703	0.0659	0.0395	0.0884
Pb-202m	0.7578	0.6147	0.5247	0.7946	4.7154	3.5121	4.2851	4.7775
Pb-203	0.3913	0.3164	0.2794	0.3591	2.2806	1.8084	3.6371	1.8797
Pb-204m	0.7103	0.5823	0.5077	0.7525	4.4561	3.1410	4.0390	4.6124
Pb-205	0.0191	0.0157	0.0302	0.0395	0.0712	0.0667	0.0400	0.0896
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	0.0318	0.0281	0.0375	0.0517	0.1355	0.1321	0.1275	0.2085
Pb-211	0.0281	0.0223	0.0188	0.0282	0.1758	0.1344	0.1640	0.1657
Pb-212	0.1972	0.1571	0.1371	0.1791	1.1431	0.9196	1.8279	0.8768
Pb-214	0.2187	0.1752	0.1433	0.2017	1.3205	0.9962	1.8028	1.2508
Pd-100	0.3216	0.2891	0.2350	0.2776	1.8105	1.7392	3.3720	1.4346
Pd-101	0.2479	0.2368	0.1819	0.1924	1.4526	1.2021	1.4503	1.3999
Pd-103	0.0655	0.0721	0.0538	0.0420	0.3554	0.3465	0.3431	0.3437
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	0.1414	0.1154	0.0894	0.1307	0.8523	0.7007	0.8671	0.7431
Pd-109	0.0415	0.0432	0.0343	0.0282	0.2333	0.2223	0.3146	0.1987
Pd-111	0.0169	0.0140	0.0119	0.0176	0.1053	0.0806	0.1017	0.1063
Pd-112	0.0276	0.0291	0.0236	0.0214	0.1385	0.1405	0.1273	0.1429
Pd-114	0.0267	0.0207	0.0175	0.0227	0.1630	0.1164	0.1473	0.1168
Pd-96	0.4578	0.3796	0.3388	0.4586	2.8027	2.1055	2.1061	2.5728
Pd-97	0.5029	0.4190	0.3837	0.5078	3.1002	2.2063	3.1047	3.1443
Pd-98	0.3169	0.2687	0.2297	0.3131	1.8852	1.5593	1.4961	1.6547
Pd-99	0.3575	0.2913	0.2635	0.3842	2.1796	1.5584	1.8546	1.9260
Pm-136	0.7288	0.5908	0.4851	0.7110	4.6091	3.3855	3.9477	4.4026
Pm-137m	0.6913	0.5595	0.4808	0.6639	4.2359	3.3358	4.2546	3.8341
Pm-139	0.1200	0.1004	0.0906	0.1112	0.7392	0.6075	0.7287	0.6600



<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Pm-140m	0.7899	0.6499	0.5743	0.8278	4.9512	3.6188	4.3052	5.0260
Pm-140	0.0493	0.0420	0.0399	0.0511	0.3029	0.2377	0.2827	0.2946
Pm-141	0.0890	0.0806	0.0830	0.0836	0.5308	0.4585	0.5688	0.4623
Pm-142	0.0334	0.0310	0.0320	0.0310	0.1975	0.1776	0.2111	0.1607
Pm-143	0.1854	0.1664	0.1596	0.1557	1.1200	0.9813	1.0129	0.8265
Pm-144	0.6876	0.5757	0.4722	0.6533	4.2951	3.4333	3.3622	3.6815
Pm-145	0.0949	0.0916	0.0941	0.0646	0.5435	0.5591	0.6609	0.3212
Pm-146	0.3645	0.3012	0.2555	0.3312	2.2623	1.8545	2.0016	2.0799
Pm-147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pm-148	0.1482	0.1225	0.1134	0.1764	0.9219	0.6720	0.8347	1.0657
Pm-148m	0.8041	0.6561	0.5149	0.7974	5.0540	3.8627	4.1390	4.8407
Pm-149	0.0091	0.0074	0.0060	0.0072	0.0560	0.0380	0.0630	0.0494
Pm-150	0.4294	0.3534	0.3205	0.4591	2.7017	1.8621	2.7225	2.9834
Pm-151	0.2548	0.2056	0.1736	0.2395	1.5702	1.1947	1.5852	1.3759
Pm-152m	0.6462	0.5258	0.4820	0.6325	3.9697	2.8008	3.8390	3.5668
Pm-152	0.1064	0.0869	0.0847	0.1126	0.6520	0.4759	0.5214	0.5878
Pm-153	0.1159	0.0938	0.0916	0.1110	0.6844	0.5740	0.6754	0.4673
Pm-154	0.3847	0.3236	0.3443	0.4487	2.3611	1.6944	2.4782	2.5548
Pm-154m	0.6158	0.5032	0.4790	0.6844	3.7768	2.8166	3.8964	3.7852
Po-203	0.6081	0.4993	0.4757	0.6998	3.5950	2.8167	4.8620	3.7153
Po-204	0.7659	0.6236	0.5847	0.8496	4.4039	3.6179	6.6289	4.2320
Po-205	0.5947	0.4898	0.4680	0.6855	3.5302	2.7494	4.6759	3.5824
Po-206	0.6700	0.5479	0.4941	0.7299	3.9116	3.1582	5.4717	4.1311
Po-207	0.5366	0.4417	0.4066	0.6119	3.1893	2.4803	4.3302	3.2441
Po-208	0.0000	0.0000	0.0000	0.0000	0.0001	0.0001	0.0001	0.0001
Po-209	0.0048	0.0038	0.0044	0.0057	0.0262	0.0205	0.0335	0.0224
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-211	0.0028	0.0023	0.0019	0.0029	0.0176	0.0131	0.0148	0.0182
Po-212m	0.0116	0.0098	0.0086	0.0103	0.0729	0.0544	0.0769	0.0725
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	0.0000	0.0000	0.0000	0.0000	0.0002	0.0001	0.0001	0.0001
Po-215	0.0001	0.0001	0.0001	0.0001	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	0.9767	0.7925	0.6472	0.9540	6.1552	4.5674	5.5495	5.8576
Pr-134m	0.4649	0.3736	0.3335	0.4816	2.9211	2.1919	2.7119	2.9678
Pr-135	0.2742	0.2373	0.2064	0.2206	1.6567	1.4156	2.0807	1.3890
Pr-136	0.5156	0.4268	0.3601	0.5087	3.1916	2.5607	3.0807	3.4476
Pr-137	0.0968	0.0915	0.0873	0.0720	0.5730	0.5561	0.6789	0.4339
Pr-138	0.0338	0.0319	0.0308	0.0254	0.2010	0.1925	0.2234	0.1483
Pr-138m	0.8194	0.6939	0.6179	0.8070	5.1004	3.6846	4.8972	5.1500
Pr-139	0.0883	0.0875	0.0850	0.0549	0.5126	0.5425	0.6594	0.3311

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Pr-140	0.0471	0.0466	0.0452	0.0292	0.2732	0.2893	0.3511	0.1766
Pr-142	0.0103	0.0087	0.0096	0.0158	0.0639	0.0419	0.0568	0.0822
Pr-142m	0.0008	0.0006	0.0014	0.0017	0.0028	0.0025	0.0005	0.0019
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0059	0.0049	0.0049	0.0066	0.0369	0.0263	0.0294	0.0364
Pr-144m	0.0389	0.0377	0.0407	0.0293	0.2181	0.2274	0.2581	0.1335
Pr-145	0.0068	0.0058	0.0052	0.0069	0.0419	0.0321	0.0394	0.0388
Pr-146	0.2726	0.2205	0.2002	0.3014	1.7040	1.2740	1.5855	1.8908
Pr-147	0.3211	0.2766	0.2517	0.2811	1.9323	1.6500	2.3064	1.6060
Pr-148	0.3232	0.2673	0.2336	0.3194	2.0261	1.3840	2.1201	2.1296
Pr-148m	0.4787	0.3874	0.3021	0.4271	3.0113	2.1605	3.0620	2.9881
Pt-184	0.7665	0.6160	0.5848	0.7805	4.4837	3.7100	5.1457	3.6849
Pt-186	0.4327	0.3570	0.3286	0.4184	2.5935	2.0955	2.4923	2.0413
Pt-187	0.4797	0.3918	0.3798	0.4623	2.8089	2.3192	3.1416	2.3199
Pt-188	0.3055	0.2470	0.2419	0.2932	1.7613	1.5145	2.0431	1.3806
Pt-189	0.4374	0.3592	0.3504	0.4270	2.5440	2.1346	2.8925	2.0502
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	0.3749	0.3068	0.2986	0.3542	2.1649	1.8726	2.6509	1.7281
Pt-193	0.0192	0.0156	0.0315	0.0403	0.0713	0.0662	0.0346	0.0815
Pt-193m	0.0458	0.0377	0.0544	0.0656	0.2190	0.2026	0.2714	0.1846
Pt-195m	0.2075	0.1698	0.1989	0.2425	1.1002	1.0128	1.5041	0.8880
Pt-197	0.0617	0.0495	0.0553	0.0781	0.3194	0.3038	0.6697	0.2767
Pt-197m	0.1473	0.1216	0.1355	0.1657	0.7942	0.6902	1.0779	0.6949
Pt-199	0.1153	0.0920	0.0739	0.1090	0.7035	0.5648	0.7598	0.7202
Pt-200	0.1161	0.0934	0.0974	0.1287	0.6363	0.5614	1.0532	0.5088
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pu-232	0.1434	0.1124	0.1104	0.1757	0.8007	0.7216	0.6699	0.8309
Pu-234	0.1610	0.1272	0.1254	0.1976	0.8917	0.8068	0.7502	0.9351
Pu-235	0.2125	0.1703	0.1683	0.2584	1.1678	1.0587	0.9870	1.2328
Pu-236	0.0151	0.0147	0.0150	0.0191	0.0672	0.0690	0.0685	0.0970
Pu-237	0.1414	0.1166	0.1167	0.1720	0.7574	0.6973	0.6540	0.8217
Pu-238	0.0139	0.0135	0.0139	0.0177	0.0619	0.0636	0.0633	0.0897
Pu-239	0.0070	0.0066	0.0079	0.0100	0.0306	0.0307	0.0278	0.0410
Pu-240	0.0131	0.0127	0.0130	0.0166	0.0583	0.0598	0.0595	0.0843
Pu-241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pu-242	0.0112	0.0109	0.0112	0.0142	0.0501	0.0514	0.0511	0.0724
Pu-243	0.0621	0.0510	0.0465	0.0677	0.3387	0.3298	0.7096	0.2943
Pu-244	0.0143	0.0131	0.0130	0.0172	0.0726	0.0651	0.0726	0.0921
Pu-245	0.2368	0.1915	0.1609	0.2367	1.4472	1.0879	1.3394	1.4762
Pu-246	0.2496	0.2045	0.1899	0.2476	1.4264	1.2158	1.2763	1.2414
Ra-219	0.1507	0.1222	0.0969	0.1401	0.9138	0.6813	1.3228	0.9668
Ra-220	0.0025	0.0020	0.0014	0.0023	0.0157	0.0131	0.0162	0.0176
Ra-221	0.0808	0.0643	0.0653	0.1149	0.4313	0.3668	0.5734	0.4689

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Ra-222	0.0067	0.0055	0.0040	0.0056	0.0424	0.0288	0.0524	0.0460
Ra-223	0.2103	0.1653	0.1520	0.2395	1.1931	1.0105	1.9784	1.0963
Ra-224	0.0117	0.0094	0.0078	0.0092	0.0703	0.0506	0.0828	0.0499
Ra-225	1.3023	1.2747	1.2678	1.3569	1.3530	1.2962	1.2495	1.2484
Ra-226	0.0097	0.0075	0.0063	0.0108	0.0570	0.0469	0.0669	0.0528
Ra-227	1.2228	1.2176	1.1847	1.2597	1.2741	1.2126	1.1930	1.2737
Ra-228	0.0221	0.0212	0.0229	0.0271	0.0966	0.1004	0.0919	0.1220
Ra-230	0.1040	0.0829	0.0756	0.1102	0.5918	0.5216	0.7748	0.5701
Rb-77	0.3022	0.2469	0.2142	0.3079	1.8330	1.4345	1.9513	1.6912
Rb-78m	0.6188	0.5018	0.4595	0.6782	3.8686	2.8793	3.4807	4.1195
Rb-78	0.4791	0.3876	0.3530	0.4870	2.9774	2.2228	3.3241	3.0817
Rb-79	0.3620	0.2845	0.2414	0.4321	2.1831	1.6365	1.9773	2.2045
Rb-80	0.0706	0.0583	0.0448	0.0729	0.4462	0.3383	0.3064	0.3835
Rb-81	0.1512	0.1255	0.1082	0.1794	0.8465	0.7235	0.8858	1.1573
Rb-81m	0.0642	0.0590	0.0558	0.0963	0.2892	0.2940	0.4341	0.5555
Rb-82	0.0428	0.0356	0.0335	0.0460	0.2637	0.1967	0.1892	0.2583
Rb-82m	0.8609	0.7155	0.6415	0.9633	5.2913	3.9481	4.3720	5.6347
Rb-83	0.2904	0.2399	0.1963	0.3195	1.6632	1.4518	1.7038	2.2234
Rb-84	0.2197	0.1882	0.1803	0.2704	1.2811	0.9502	1.1129	1.5788
Rb-84m	0.3356	0.2681	0.2149	0.2788	2.0144	1.5217	2.1726	1.7717
Rb-86m	0.2439	0.1962	0.1450	0.2310	1.5194	1.2438	1.3432	1.6103
Rb-86	0.0214	0.0182	0.0174	0.0267	0.1326	0.0867	0.1317	0.1643
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rb-88	0.1065	0.0891	0.1012	0.1350	0.6623	0.4453	0.5990	0.7685
Rb-89	0.4153	0.3519	0.3541	0.4975	2.5876	1.7384	2.6011	3.0341
Rb-90	0.2298	0.1866	0.1808	0.2465	1.4246	1.0028	1.5605	1.3929
Rb-90m	0.5249	0.4369	0.4331	0.5784	3.2817	2.2986	3.1559	3.3834
Re-178	0.4646	0.3783	0.3723	0.4530	2.7902	2.1063	2.7364	2.3982
Re-179	0.5923	0.4766	0.4327	0.5583	3.6069	2.7734	3.5068	3.3306
Re-180	0.4758	0.3931	0.3932	0.4970	2.8628	2.1799	2.3648	2.6550
Re-181	0.5376	0.4359	0.3977	0.4944	3.2660	2.5250	3.0283	2.8325
Re-182	1.0341	0.8362	0.8097	1.0373	6.1923	4.7001	6.2897	5.4292
Re-182m	0.5120	0.4234	0.4382	0.5393	3.0429	2.3916	3.1719	2.8298
Re-183	0.3113	0.2510	0.2683	0.3101	1.7815	1.4742	1.6322	1.2820
Re-184	0.4225	0.3484	0.3460	0.4167	2.5478	1.9590	2.0278	2.2006
Re-184m	0.3406	0.2746	0.2784	0.3354	1.9940	1.5837	1.8259	1.6082
Re-186	0.0351	0.0272	0.0289	0.0385	0.2030	0.1567	0.1669	0.1416
Re-186m	0.0791	0.0649	0.1062	0.1172	0.3685	0.3301	0.2233	0.2718
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	0.0522	0.0396	0.0366	0.0732	0.3148	0.2236	0.3104	0.2891
Re-188m	0.1784	0.1460	0.1693	0.1808	0.9873	0.8708	0.9000	0.6982
Re-189	0.0618	0.0488	0.0441	0.0566	0.3665	0.2852	0.3784	0.2864
Re-190	0.6839	0.5419	0.4341	0.6577	4.2714	3.2772	3.8280	3.9326

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Re-190m	0.5380	0.4277	0.3584	0.5193	3.3132	2.5884	2.9928	3.0307
Rh-100m	0.1146	0.1183	0.0924	0.0805	0.6369	0.6162	0.7640	0.5785
Rh-100	0.6648	0.5640	0.5172	0.7006	4.0781	3.1137	3.8548	4.5503
Rh-101	0.3621	0.2962	0.2430	0.3054	2.1495	1.7268	1.8233	1.7362
Rh-101m	0.2677	0.2361	0.1753	0.2059	1.6200	1.1917	1.8441	1.6685
Rh-102	0.1953	0.1666	0.1262	0.1731	1.1755	0.9997	1.1434	1.2964
Rh-102m	0.8368	0.6986	0.5655	0.8323	5.1905	4.0152	4.3829	5.2380
Rh-103m	0.0082	0.0086	0.0079	0.0070	0.0423	0.0409	0.0377	0.0395
Rh-104	0.0055	0.0045	0.0034	0.0052	0.0342	0.0281	0.0306	0.0363
Rh-104m	0.1326	0.1243	0.1023	0.0768	0.7609	0.6887	0.6564	0.5789
Rh-105	0.0559	0.0459	0.0330	0.0445	0.3555	0.2341	0.4314	0.3864
Rh-106	0.0850	0.0686	0.0521	0.0819	0.5295	0.4287	0.4811	0.5766
Rh-106m	0.9252	0.7524	0.6487	0.9764	5.7820	4.3569	5.1452	6.2131
Rh-107	0.2241	0.1815	0.1346	0.1812	1.4156	0.9560	1.6185	1.4026
Rh-108	0.1561	0.1222	0.0906	0.1473	0.9859	0.7801	0.8801	0.9766
Rh-109	0.2356	0.1902	0.1437	0.2003	1.4739	1.0407	1.6478	1.4379
Rh-94	0.5865	0.4890	0.4893	0.7255	3.6562	2.5184	3.4121	4.1931
Rh-95	0.3994	0.3401	0.3270	0.4695	2.4719	1.7118	2.3000	2.7741
Rh-95m	0.2467	0.1996	0.1540	0.2302	1.5272	1.2462	1.4686	1.6234
Rh-96	0.9482	0.7906	0.7029	1.0147	5.9644	4.3485	4.3595	5.5626
Rh-96m	0.2304	0.2001	0.1931	0.2509	1.4163	1.0314	1.1929	1.4934
Rh-97	0.3272	0.2666	0.2220	0.3222	2.0387	1.5643	1.8462	2.0520
Rh-97m	0.5032	0.4238	0.3990	0.5341	3.0758	2.3032	2.9901	3.2244
Rh-98	0.2795	0.2333	0.1948	0.2961	1.7661	1.3034	1.2187	1.5322
Rh-99	0.3901	0.3346	0.2596	0.3514	2.3249	1.9505	2.6161	2.3742
Rh-99m	0.3209	0.2770	0.2155	0.2842	1.9644	1.4784	2.0219	2.0191
Rn-207	0.4731	0.3805	0.3216	0.4906	2.8637	2.2579	3.6298	2.7329
Rn-209	0.5313	0.4246	0.3742	0.5699	3.2043	2.5565	4.0890	3.0700
Rn-210	0.0367	0.0296	0.0261	0.0393	0.2153	0.1783	0.2882	0.2117
Rn-211	0.6821	0.5581	0.5112	0.7880	4.1238	3.1601	4.6706	4.1775
Rn-212	0.0001	0.0001	0.0001	0.0001	0.0008	0.0006	0.0005	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	0.0003	0.0002	0.0002	0.0003	0.0019	0.0015	0.0014	0.0017
Rn-219	1.2288	1.2179	1.1916	1.2608	1.2745	1.2650	1.2761	1.2822
Rn-220	0.0003	0.0002	0.0002	0.0003	0.0018	0.0015	0.0017	0.0019
Rn-222	0.0002	0.0002	0.0001	0.0002	0.0012	0.0010	0.0013	0.0015
Rn-223	0.2218	0.1803	0.1682	0.2628	1.2727	1.0554	1.3932	1.2906
Ru-103	0.2491	0.1968	0.1434	0.2217	1.5353	1.3194	1.5905	1.8546
Ru-105	0.3237	0.2649	0.2153	0.3105	2.0289	1.5146	1.6812	1.8903
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	0.1307	0.1053	0.0902	0.1321	0.8151	0.6074	0.7519	0.8175

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Ru-108	0.0865	0.0652	0.0546	0.1243	0.5238	0.3741	0.5754	0.4882
Ru-92	0.9230	0.7653	0.6585	0.8077	5.5212	4.1470	5.3198	4.6402
Ru-94	0.3093	0.2640	0.2064	0.2775	1.8813	1.4476	1.7985	1.8818
Ru-95	0.4356	0.3723	0.3095	0.4256	2.6766	1.9386	2.6623	2.8483
Ru-97	0.2922	0.2486	0.1932	0.2176	1.7195	1.4091	1.7586	1.4609
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	0.2208	0.1929	0.1735	0.1864	1.4229	0.9802	2.1388	1.1829
S-38	0.2357	0.1954	0.2643	0.3173	1.4578	0.9661	1.3352	1.7703
Sb-111	0.3463	0.2730	0.2268	0.4206	2.1346	1.5854	2.1753	2.2118
Sb-113	0.3003	0.2480	0.1887	0.2623	1.8464	1.5437	2.0596	2.1366
Sb-114	0.3796	0.3223	0.3355	0.4718	2.3575	1.6328	2.4513	2.8100
Sb-115	0.3109	0.2617	0.1956	0.2560	1.8976	1.6636	2.1376	2.1900
Sb-116	0.3413	0.2971	0.3090	0.4056	2.1084	1.4924	2.2850	2.4734
Sb-116m	0.9368	0.7901	0.7199	1.0302	5.7880	4.2998	5.7758	6.2832
Sb-117	0.2661	0.2242	0.1839	0.3393	1.6129	1.2026	1.9425	1.4454
Sb-118	0.0305	0.0311	0.0264	0.0217	0.1822	0.1592	0.2437	0.1641
Sb-118m	0.9098	0.7976	0.7313	0.8865	5.5596	3.9838	6.2743	5.4834
Sb-119	0.0956	0.1051	0.0840	0.0479	0.5539	0.5293	0.8035	0.4149
Sb-120	0.0507	0.0548	0.0437	0.0270	0.2983	0.2782	0.4300	0.2341
Sb-120m	0.9195	0.7759	0.6968	0.9783	5.6039	4.3056	6.6271	5.8693
Sb-122m	0.1966	0.1857	0.1594	0.1174	1.1563	1.0866	1.6128	0.7756
Sb-122	0.1893	0.1536	0.1154	0.1813	1.1840	0.9538	1.0130	1.2057
Sb-124	0.4768	0.3940	0.3625	0.5567	2.9912	2.1733	2.3560	3.0556
Sb-124m	0.1861	0.1509	0.1158	0.1832	1.1632	0.9244	0.9354	1.1342
Sb-124n	0.0027	0.0021	0.0049	0.0058	0.0097	0.0086	0.0018	0.0067
Sb-125	0.2665	0.2266	0.1745	0.2303	1.6562	1.3778	1.6224	1.4755
Sb-126	1.0416	0.8470	0.6879	1.0462	6.6096	4.9222	4.8277	5.8042
Sb-126m	0.6238	0.5019	0.3975	0.6211	3.9687	2.9848	2.9293	3.4459
Sb-127	0.2965	0.2404	0.1937	0.2791	1.8614	1.4262	1.5500	1.7189
Sb-128	1.1427	0.9385	0.7816	1.1252	7.2170	5.3092	5.7383	6.7884
Sb-128m	0.7282	0.5998	0.5076	0.6947	4.6093	3.2895	3.8343	4.3641
Sb-129	0.4113	0.3403	0.3151	0.4554	2.5740	1.8396	2.1394	2.7067
Sb-130m	0.8460	0.6966	0.6393	0.9115	5.2985	3.8070	4.2905	5.2794
Sb-130	1.1905	0.9708	0.8526	1.2189	7.4704	5.3903	6.5170	7.3970
Sb-131	0.5113	0.4275	0.4047	0.5885	3.1992	2.2071	2.7860	3.4322
Sb-133	0.5413	0.4541	0.4559	0.6485	3.3781	2.3088	3.2367	3.8601
Sc-42m	0.7351	0.6003	0.5908	0.9225	4.5830	3.2607	4.5321	5.4817
Sc-43	0.0527	0.0407	0.0305	0.0480	0.3363	0.2443	0.3307	0.3191
Sc-44	0.2371	0.2009	0.2057	0.3057	1.4716	0.9797	1.5434	1.8504
Sc-44m	0.2288	0.1846	0.1487	0.1746	1.4081	0.9297	1.6129	1.1175
Sc-46	0.4924	0.4156	0.3980	0.5840	3.0721	2.0772	2.7930	3.5314
Sc-47	0.1400	0.0999	0.0846	0.2328	0.8628	0.5605	0.9271	0.8314
Sc-48	0.7552	0.6400	0.6246	0.9589	4.6910	3.0930	4.6387	5.7676

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Sc-49	0.0002	0.0001	0.0002	0.0002	0.0010	0.0007	0.0009	0.0013
Sc-50	0.7441	0.6172	0.5940	0.9334	4.6063	3.2935	4.4651	5.7053
Se-70	0.2780	0.2194	0.2353	0.3056	1.5680	1.2538	1.3536	1.4285
Se-71	0.2268	0.1779	0.1697	0.2985	1.4003	0.9465	1.2634	1.4130
Se-72	0.1261	0.1066	0.1465	0.1527	0.6244	0.5698	0.4595	0.5080
Se-73	0.3569	0.2869	0.2439	0.3218	2.1772	1.6936	2.5101	1.9583
Se-73m	0.0444	0.0360	0.0374	0.0527	0.2474	0.1983	0.2797	0.2462
Se-75	0.4253	0.3292	0.3171	0.4425	2.5043	1.7449	2.3677	1.9877
Se-77m	0.1304	0.0968	0.0940	0.2166	0.7545	0.5264	0.7948	0.7918
Se-79m	0.0555	0.0456	0.0618	0.0949	0.2518	0.2402	0.2617	0.3631
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0047	0.0038	0.0030	0.0039	0.0293	0.0205	0.0305	0.0266
Se-81m	0.0623	0.0502	0.0665	0.1034	0.2942	0.2724	0.2421	0.4048
Se-83m	0.2496	0.2082	0.1955	0.2870	1.5635	1.0597	1.4296	1.7385
Se-83	0.8181	0.6640	0.5894	0.8344	5.1172	3.7433	4.8583	5.3795
Se-84	0.2416	0.1828	0.1349	0.2257	1.5457	1.1911	1.4055	1.4321
Si-31	0.0002	0.0001	0.0001	0.0002	0.0010	0.0007	0.0011	0.0012
Si-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-139	0.3755	0.3108	0.2619	0.3306	2.3276	1.7020	2.3823	2.1400
Sm-140	0.2129	0.1837	0.1789	0.1965	1.2763	1.0553	1.3277	1.0513
Sm-141	0.3349	0.2713	0.2420	0.3380	2.0882	1.6227	2.0024	2.0605
Sm-141m	0.6574	0.5403	0.4867	0.6465	4.0551	3.1812	3.7100	3.8330
Sm-142	0.0881	0.0844	0.0887	0.0620	0.5050	0.5073	0.5635	0.2938
Sm-143	0.0617	0.0580	0.0605	0.0488	0.3579	0.3389	0.3927	0.2459
Sm-143m	0.2300	0.1904	0.1726	0.2293	1.4488	1.0803	0.9832	1.2573
Sm-145	0.1839	0.1748	0.1816	0.1252	1.0582	1.0540	1.1509	0.6104
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	0.0001	0.0001	0.0001	0.0002	0.0004	0.0004	0.0002	0.0003
Sm-153	0.1443	0.1194	0.1220	0.1326	0.8445	0.7768	0.7836	0.6131
Sm-155	0.1788	0.1329	0.1285	0.1997	1.0711	0.9204	0.8278	0.9285
Sm-156	0.1650	0.1294	0.1169	0.1669	0.9748	0.8179	1.2652	0.7807
Sm-157	0.2872	0.2272	0.1907	0.2517	1.7601	1.4269	1.7237	1.5104
Sn-106	0.5293	0.4456	0.3688	0.4628	3.2666	2.4862	3.2894	2.9729
Sn-108	0.5080	0.4233	0.3335	0.4471	3.1470	2.3996	3.2040	2.6675
Sn-109	0.5035	0.4396	0.4234	0.5617	3.1084	2.2296	3.2192	3.4858
Sn-110	0.3137	0.2767	0.2139	0.2158	1.9168	1.3926	2.3540	1.6125
Sn-111	0.0881	0.0881	0.0761	0.0689	0.5254	0.4430	0.6367	0.4900
Sn-113	0.0808	0.0877	0.0678	0.0405	0.4693	0.4378	0.6542	0.3602
Sn-113m	0.0548	0.0600	0.0478	0.0272	0.3186	0.3053	0.4742	0.2365
Sn-117m	0.2532	0.2084	0.1722	0.3389	1.5368	1.1235	1.8224	1.3896
Sn-119m	0.0626	0.0685	0.0564	0.0343	0.3589	0.3407	0.5100	0.2710

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.0203	0.0215	0.0193	0.0121	0.1157	0.1151	0.1613	0.0821
Sn-123	0.0016	0.0013	0.0013	0.0020	0.0097	0.0064	0.0097	0.0120
Sn-123m	0.1877	0.1386	0.1164	0.2940	1.1531	0.7780	1.2642	1.0913
Sn-125m	0.2281	0.1847	0.1342	0.1897	1.4541	0.9834	1.6832	1.5504
Sn-125	0.0821	0.0689	0.0663	0.0958	0.5125	0.3486	0.4754	0.5895
Sn-126	0.1418	0.1213	0.1068	0.1291	0.8176	0.7823	1.4676	0.6295
Sn-127m	0.2488	0.1967	0.1502	0.2335	1.5353	1.2942	1.6035	1.8743
Sn-127	0.5098	0.4227	0.3918	0.5647	3.1742	2.2476	3.0239	3.4807
Sn-128	0.4830	0.4286	0.3363	0.3756	2.9244	2.5998	3.7084	2.6601
Sn-129	0.3135	0.2599	0.2185	0.3394	1.9838	1.4397	1.4577	1.8001
Sn-130	0.5554	0.4592	0.3828	0.4842	3.4207	2.7495	3.4929	2.8768
Sn-130m	0.3441	0.2902	0.2619	0.3657	2.1184	1.5999	2.1249	2.0274
Sr-79	0.2054	0.1691	0.1488	0.2157	1.1976	0.9883	1.1932	1.2031
Sr-80	0.2241	0.1883	0.1535	0.2600	1.2766	1.0575	1.2287	1.5449
Sr-81	0.3186	0.2441	0.2051	0.3982	1.9483	1.4158	1.8589	1.9309
Sr-82	0.0661	0.0633	0.0602	0.1061	0.2748	0.2906	0.3761	0.6373
Sr-83	0.2755	0.2362	0.2141	0.3357	1.5465	1.2520	1.4713	1.9928
Sr-85	0.3084	0.2554	0.2005	0.3245	1.7659	1.5714	1.9039	2.4390
Sr-85m	0.2440	0.1925	0.1590	0.2098	1.4651	1.0634	1.5687	1.1310
Sr-87m	0.2030	0.1568	0.1177	0.1931	1.2790	0.9694	1.1998	1.2118
Sr-89	0.0000	0.0000	0.0000	0.0000	0.0002	0.0001	0.0001	0.0002
Sr-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sr-91	0.2034	0.1705	0.1522	0.2280	1.2760	0.8850	1.0422	1.3233
Sr-92	0.2508	0.2099	0.2267	0.3446	1.5542	1.0492	1.5790	1.9464
Sr-93	0.6515	0.5364	0.4808	0.7227	4.0592	2.9489	3.5182	4.1651
Sr-94	0.2604	0.2184	0.2380	0.3686	1.6147	1.0862	1.5523	2.0208
Ta-170	0.2188	0.1754	0.1741	0.2166	1.3033	1.0304	1.0567	1.1232
Ta-172	0.5376	0.4383	0.4281	0.5476	3.2516	2.4618	3.0496	3.0910
Ta-173	0.3457	0.2807	0.2899	0.3373	2.0304	1.6299	1.7958	1.6017
Ta-174	0.3833	0.3083	0.3019	0.3485	2.2812	1.8413	2.1768	1.9086
Ta-175	0.5384	0.4381	0.4320	0.5165	3.2416	2.4792	2.9373	2.8409
Ta-176	0.5771	0.4786	0.5065	0.6544	3.4935	2.5832	3.3107	3.5971
Ta-177	0.1445	0.1182	0.1252	0.1095	0.8354	0.7112	0.5968	0.5304
Ta-178	0.1527	0.1254	0.1351	0.1237	0.8792	0.7501	0.7001	0.5947
Ta-178m	1.0718	0.8447	0.7107	0.9231	6.5426	5.1698	7.1890	5.7813
Ta-179	0.0689	0.0568	0.0664	0.0572	0.3836	0.3308	0.2648	0.2359
Ta-180	0.1211	0.0993	0.1070	0.0934	0.6940	0.6006	0.5312	0.4395
Ta-182	0.4652	0.3821	0.3853	0.5229	2.7990	2.1140	3.0699	2.8074
Ta-182m	0.4073	0.3152	0.3176	0.4678	2.3843	1.8363	2.1652	1.8958
Ta-183	0.4138	0.3294	0.3234	0.3899	2.4293	1.8911	2.3554	1.8378
Ta-184	0.8509	0.6774	0.5882	0.8121	5.2405	3.8733	4.9279	4.7781
Ta-185	0.2182	0.1703	0.1700	0.2449	1.2736	1.0077	1.2326	1.0176

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Ta-186	0.7801	0.6199	0.5139	0.7151	4.8176	3.7438	4.2691	4.3197
Tb-146	0.5551	0.4678	0.4836	0.7427	3.4346	2.3328	3.2820	4.1124
Tb-147m	0.3262	0.2773	0.3093	0.4099	1.9902	1.4312	1.9494	2.2358
Tb-147	0.5539	0.4608	0.4497	0.6212	3.4116	2.4751	3.0873	3.4232
Tb-148m	1.0810	0.8812	0.7638	1.0827	6.8027	5.0678	5.2168	6.0987
Tb-148	0.4787	0.3978	0.3832	0.4943	2.9764	2.2203	2.4728	2.9044
Tb-149m	0.4441	0.3696	0.3460	0.4339	2.7560	2.1092	2.0146	2.3138
Tb-149	0.5076	0.4144	0.3800	0.5251	3.1436	2.3446	2.8627	2.9224
Tb-150m	1.0796	0.8785	0.7055	1.0387	6.7665	5.2566	5.4417	6.1075
Tb-150	0.5399	0.4514	0.4214	0.5589	3.3507	2.5242	2.9057	3.1242
Tb-151	0.6505	0.5281	0.4634	0.5791	3.9774	3.1134	3.6738	3.3402
Tb-151m	0.0856	0.0692	0.0837	0.0878	0.4737	0.3911	0.3376	0.3528
Tb-152m	0.5728	0.4643	0.4001	0.4939	3.5071	2.6493	3.4956	3.0110
Tb-152	0.4627	0.3839	0.3497	0.4362	2.8696	2.1109	2.8316	2.7635
Tb-153	0.3429	0.2815	0.2667	0.2949	2.0398	1.7100	2.0201	1.5420
Tb-154	0.5248	0.4404	0.4681	0.5474	3.2068	2.3829	2.9291	3.0743
Tb-155	0.3222	0.2601	0.2549	0.3034	1.8901	1.6451	2.1458	1.3758
Tb-156	0.7735	0.6356	0.5887	0.7712	4.7171	3.7156	4.7472	4.7036
Tb-156m	0.0925	0.0736	0.0705	0.0418	0.5538	0.4635	0.3407	0.3037
Tb-156n	0.0171	0.0138	0.0222	0.0239	0.0820	0.0745	0.0644	0.0526
Tb-157	0.0197	0.0167	0.0246	0.0233	0.0989	0.0911	0.0706	0.0581
Tb-158	0.3613	0.3047	0.2969	0.3678	2.1728	1.6848	2.1572	1.9891
Tb-160	0.3869	0.3204	0.2967	0.4103	2.3829	1.6965	2.4433	2.4748
Tb-161	0.1048	0.0927	0.0942	0.0766	0.5933	0.5394	0.7098	0.3727
Tb-162	0.5344	0.4346	0.3855	0.4928	3.2887	2.3375	3.2068	2.7863
Tb-163	0.4576	0.3600	0.2716	0.4087	2.8769	2.2080	2.8640	2.8676
Tb-164	0.8603	0.6992	0.6268	0.9050	5.3464	3.9357	4.7308	5.0333
Tb-165	0.1974	0.1625	0.1670	0.2466	1.2127	0.8690	1.1770	1.4256
Tc-101	0.2405	0.1959	0.1450	0.1947	1.5156	1.0202	1.7620	1.5592
Tc-102m	0.6396	0.5223	0.4722	0.6986	3.9929	2.9840	3.6998	4.4326
Tc-102	0.0291	0.0233	0.0188	0.0286	0.1817	0.1437	0.1746	0.2028
Tc-104	0.5921	0.4810	0.4282	0.6220	3.7238	2.6554	3.7049	3.9949
Tc-105	0.3951	0.3155	0.2701	0.4205	2.4316	1.7849	2.4321	2.3486
Tc-91	0.2390	0.2019	0.2105	0.2835	1.4829	1.0259	1.4696	1.6779
Tc-91m	0.1685	0.1355	0.1085	0.1652	1.0351	0.8572	1.0660	1.2737
Tc-92	0.9205	0.7468	0.6930	1.0814	5.7145	3.9759	5.4398	5.9124
Tc-93	0.3143	0.2767	0.2867	0.4107	1.8663	1.3581	1.8558	2.3277
Tc-93m	0.2381	0.1960	0.1638	0.2213	1.4824	1.1171	1.4785	1.4155
Tc-94	0.8408	0.7115	0.6337	0.8732	5.2065	3.8315	3.9032	5.0498
Tc-94m	0.3150	0.2681	0.2540	0.3439	1.9453	1.3846	1.6216	2.0482
Tc-95	0.3169	0.2765	0.2439	0.3051	1.9033	1.4968	1.3971	1.7761
Tc-95m	0.3893	0.3285	0.2677	0.3417	2.3303	1.9065	2.0276	2.1497
Tc-96	0.8186	0.6922	0.6352	0.8319	5.0569	3.7487	3.7801	4.8981



<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Tc-96m	0.0462	0.0463	0.0382	0.0386	0.2470	0.2296	0.2243	0.2547
Tc-97	0.0665	0.0693	0.0553	0.0509	0.3265	0.3376	0.3126	0.3449
Tc-97m	0.0501	0.0529	0.0416	0.0372	0.2543	0.2574	0.2403	0.2614
Tc-98	0.4898	0.4041	0.3373	0.4990	3.1092	2.3027	2.0148	2.6082
Tc-99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Tc-99m	0.1645	0.1193	0.1096	0.2202	0.9951	0.6675	0.7933	0.7779
Te-113	0.2757	0.2329	0.2333	0.3191	1.7191	1.2026	1.5961	1.8915
Te-114	0.4225	0.3720	0.3407	0.4052	2.5769	2.0438	2.8625	2.4756
Te-115	0.4065	0.3445	0.3268	0.4547	2.5253	1.8132	2.4323	2.6614
Te-115m	0.4777	0.4069	0.4001	0.5445	2.9719	2.1319	2.7208	3.1972
Te-116	0.2094	0.1992	0.1654	0.1553	1.2363	1.1728	1.7063	0.9873
Te-117	0.3517	0.3082	0.2861	0.3572	2.1841	1.6442	1.9523	2.0975
Te-118	0.0785	0.0854	0.0684	0.0364	0.4597	0.4565	0.6777	0.3336
Te-119	0.3263	0.2906	0.2337	0.2975	2.0342	1.6189	1.7159	1.6491
Te-119m	0.5478	0.4625	0.4281	0.6368	3.3622	2.3902	3.7165	3.4399
Te-121	0.3273	0.2866	0.2173	0.2707	2.0128	1.7230	2.0366	1.9395
Te-121m	0.2474	0.2100	0.1688	0.1726	1.4949	1.2595	1.6684	1.1559
Te-123	0.0024	0.0019	0.0044	0.0051	0.0091	0.0082	0.0027	0.0063
Te-123m	0.2274	0.1815	0.1538	0.3160	1.3813	1.0150	1.6046	1.2519
Te-125m	0.1370	0.1459	0.1215	0.0658	0.8005	0.8231	1.1603	0.5659
Te-127	0.0030	0.0024	0.0018	0.0027	0.0193	0.0151	0.0184	0.0179
Te-127m	0.0434	0.0459	0.0394	0.0227	0.2513	0.2567	0.3590	0.1783
Te-129	0.0492	0.0439	0.0372	0.0395	0.2941	0.2592	0.3384	0.2756
Te-129m	0.0416	0.0418	0.0353	0.0264	0.2469	0.2344	0.3055	0.1852
Te-131	0.2618	0.2021	0.1712	0.3290	1.6167	1.1657	1.5788	1.5671
Te-131m	0.5104	0.4224	0.3840	0.5207	3.1772	2.3560	2.8620	3.0550
Te-132	0.3188	0.2729	0.2242	0.2071	1.9235	1.5833	2.1707	1.3504
Te-133	0.4050	0.3311	0.2842	0.4030	2.5541	1.7775	2.5939	2.7194
Te-133m	0.6034	0.5023	0.4491	0.6424	3.7637	2.7045	3.4075	3.8299
Te-134	0.5022	0.4074	0.3305	0.4532	3.0982	2.4736	3.3663	2.7278
Th-223	0.1686	0.1330	0.1304	0.2137	0.9180	0.8366	1.3554	0.9300
Th-224	0.0294	0.0226	0.0195	0.0359	0.1729	0.1361	0.1927	0.1656
Th-226	0.0204	0.0169	0.0172	0.0248	0.1060	0.0942	0.1040	0.1151
Th-227	0.2044	0.1718	0.1619	0.2105	1.1142	0.9144	1.2956	1.1224
Th-228	0.0152	0.0138	0.0147	0.0206	0.0702	0.0698	0.0917	0.0951
Th-229	1.1211	1.1185	0.9519	1.0017	1.1680	1.1790	1.1534	0.9908
Th-230	0.0111	0.0104	0.0115	0.0156	0.0486	0.0495	0.0525	0.0735
Th-231	4.2602	4.1050	4.3276	4.0956	4.4152	4.2455	4.0534	3.9887
Th-232	0.0100	0.0094	0.0105	0.0142	0.0433	0.0443	0.0450	0.0668
Th-233	0.0438	0.0367	0.0382	0.0532	0.2350	0.2108	0.2678	0.2423
Th-234	0.0313	0.0268	0.0265	0.0354	0.1648	0.1562	0.1950	0.1729
Th-235	0.0248	0.0198	0.0165	0.0253	0.1539	0.1193	0.1295	0.1455
Th-236	0.0368	0.0296	0.0274	0.0416	0.2097	0.1762	0.1890	0.2107

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Ti-44	0.3170	0.2551	0.2233	0.2853	1.8118	1.7465	4.3868	1.1829
Ti-45	0.0016	0.0013	0.0021	0.0027	0.0080	0.0062	0.0047	0.0074
Ti-51	0.2311	0.1893	0.1386	0.1922	1.4704	0.9713	1.7319	1.6169
Ti-52	0.1785	0.1327	0.1346	0.1825	1.0418	0.7551	0.5472	0.6527
Tl-190	0.3418	0.2695	0.2224	0.3428	2.1125	1.6729	2.2709	1.9655
Tl-190m	0.9029	0.7273	0.5993	0.9014	5.6240	4.3216	5.2986	5.1229
Tl-194	0.3525	0.2800	0.2344	0.3512	2.1406	1.7546	2.5480	1.9355
Tl-194m	1.1488	0.9236	0.7795	1.1489	7.0714	5.5558	6.8165	6.2828
Tl-195	0.4636	0.3826	0.3890	0.5236	2.7065	2.1577	3.5214	2.6632
Tl-196	0.6024	0.4856	0.4560	0.6607	3.6705	2.8577	4.1849	3.6606
Tl-197	0.3295	0.2658	0.2522	0.3567	1.9078	1.6202	2.9142	1.6858
Tl-198	0.6524	0.5271	0.5043	0.7226	3.9738	3.0682	4.5998	3.9424
Tl-198m	0.7362	0.5918	0.4944	0.7284	4.4618	3.5561	4.9069	3.9295
Tl-199	0.3112	0.2499	0.2326	0.3117	1.7811	1.5460	2.8662	1.4782
Tl-200	0.5747	0.4647	0.4206	0.6049	3.4924	2.7000	4.3268	3.4229
Tl-201	0.2181	0.1760	0.1799	0.2465	1.1916	1.0970	2.2412	0.9508
Tl-202	0.3767	0.2967	0.2531	0.3669	2.2425	1.9294	3.0712	2.0924
Tl-204	0.0034	0.0028	0.0029	0.0037	0.0181	0.0173	0.0362	0.0142
Tl-206m	1.2088	0.9741	0.8010	1.1333	7.4521	5.5695	7.5730	6.9300
Tl-206	0.0002	0.0001	0.0001	0.0002	0.0010	0.0009	0.0022	0.0008
Tl-207	0.0007	0.0006	0.0005	0.0008	0.0042	0.0029	0.0035	0.0045
Tl-208	0.5896	0.4932	0.4275	0.5364	3.6898	2.7824	3.8363	3.6516
Tl-209	0.7044	0.5563	0.5299	0.8483	4.3070	3.2522	4.0989	4.7160
Tl-210	0.7799	0.6451	0.6166	0.8236	4.8238	3.4024	4.7352	5.0300
Tm-161	0.6346	0.5102	0.5193	0.5857	3.7943	2.9737	3.2282	3.0675
Tm-162	0.4073	0.3328	0.3453	0.4279	2.4843	1.8477	2.1506	2.3967
Tm-163	0.5823	0.4719	0.4673	0.5541	3.5174	2.7073	3.1253	3.1325
Tm-164	0.1477	0.1201	0.1270	0.1368	0.8791	0.6939	0.7469	0.7361
Tm-165	0.4587	0.3695	0.3350	0.3513	2.7755	2.1285	2.4745	2.1256
Tm-166	0.6051	0.4940	0.5082	0.6267	3.6911	2.7771	3.2742	3.4319
Tm-167	0.2367	0.1883	0.1836	0.1661	1.3918	1.1644	1.0942	0.9298
Tm-168	0.6662	0.5326	0.4815	0.6088	4.0755	3.2231	3.4377	3.4401
Tm-170	0.0107	0.0084	0.0095	0.0109	0.0585	0.0531	0.0840	0.0389
Tm-171	0.0016	0.0013	0.0014	0.0011	0.0092	0.0079	0.0068	0.0055
Tm-172	0.1250	0.1030	0.1111	0.1617	0.7484	0.5435	0.8243	0.8232
Tm-173	0.2383	0.1806	0.1379	0.2192	1.5192	1.1667	1.3396	1.3395
Tm-174	0.9428	0.7548	0.6352	0.9385	5.8309	4.1155	6.0284	5.6055
Tm-175	0.4260	0.3450	0.2881	0.4216	2.6401	2.0413	2.4484	2.8731
Tm-176	0.6522	0.5275	0.4810	0.6711	4.0166	2.9373	4.1686	3.9885
U-227	0.1928	0.1551	0.1429	0.2064	1.0866	0.8978	1.2944	1.0214
U-228	0.0188	0.0167	0.0168	0.0234	0.0916	0.0881	0.1055	0.1131
U-230	0.0173	0.0163	0.0169	0.0223	0.0779	0.0785	0.0879	0.1091
U-231	0.2833	0.2439	0.2427	0.3524	1.4526	1.3934	1.7365	1.7079

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
U-232	0.0154	0.0147	0.0155	0.0203	0.0676	0.0694	0.0695	0.1005
U-233	1.0678	1.0927	0.9717	0.8833	1.1053	1.1390	1.0695	0.9689
U-234	2.7309	2.7749	2.6118	2.6514	2.8316	2.7387	2.5708	2.5532
U-235	0.2354	0.1831	0.1642	0.2779	1.3590	1.1015	1.3929	1.2932
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	0.0126	0.0121	0.0128	0.0168	0.0549	0.0566	0.0568	0.0832
U-237	1.1145	1.1259	1.0125	1.1148	1.1534	1.1522	1.0389	1.0824
U-238	0.0101	0.0097	0.0103	0.0135	0.0441	0.0455	0.0457	0.0669
U-239	0.1094	0.0909	0.0809	0.1053	0.6057	0.5883	1.3792	0.4620
U-240	0.0444	0.0413	0.0433	0.0559	0.2093	0.2059	0.2024	0.2682
U-242	0.0419	0.0347	0.0293	0.0362	0.2499	0.2105	0.2839	0.2087
V-47	0.0019	0.0015	0.0019	0.0027	0.0110	0.0075	0.0102	0.0119
V-48	0.5130	0.4345	0.4382	0.6580	3.1790	2.1108	3.1418	3.9113
V-49	0.0066	0.0051	0.0121	0.0144	0.0238	0.0211	0.0045	0.0164
V-50	0.2754	0.2302	0.2543	0.4013	1.6921	1.1353	1.4509	2.0669
V-52	0.2538	0.2132	0.2367	0.3698	1.5700	1.0449	1.5441	2.0217
V-53	0.2586	0.2208	0.2038	0.3176	1.6071	1.0424	1.5459	1.9655
W-177	0.6692	0.5338	0.5149	0.6457	4.0038	3.1525	3.4147	3.3148
W-178	0.0478	0.0394	0.0515	0.0496	0.2533	0.2210	0.1845	0.1627
W-179	0.1540	0.1321	0.1476	0.1249	0.8607	0.7768	0.7489	0.5462
W-179m	0.1129	0.0932	0.0983	0.0918	0.6454	0.5499	0.5879	0.4226
W-181	0.1044	0.0869	0.0962	0.0826	0.5906	0.5133	0.4690	0.3666
W-185m	0.0743	0.0586	0.0903	0.1112	0.3641	0.3053	0.2670	0.2707
W-185	0.0001	0.0001	0.0001	0.0001	0.0006	0.0005	0.0005	0.0004
W-187	0.2416	0.1953	0.1662	0.2296	1.4810	1.1922	1.3681	1.2981
W-188	0.0021	0.0017	0.0015	0.0016	0.0123	0.0091	0.0134	0.0099
W-190	0.2836	0.2258	0.2265	0.3204	1.6560	1.3165	1.6780	1.2689
Xe-120	0.3445	0.3142	0.2600	0.2688	2.0780	1.8378	2.5902	1.7209
Xe-121	0.3126	0.2679	0.2423	0.2888	1.9174	1.4823	2.1417	1.7713
Xe-122	0.1227	0.1199	0.0986	0.0749	0.7338	0.7016	0.9818	0.5668
Xe-123	0.2802	0.2379	0.2095	0.3025	1.7050	1.3356	1.8950	1.5325
Xe-125	0.3398	0.2968	0.2432	0.2508	2.0502	1.7565	2.3931	1.5768
Xe-127	0.3472	0.2935	0.2344	0.2756	2.1125	1.8175	2.3648	1.7179
Xe-127m	0.2483	0.1984	0.1804	0.2465	1.4936	1.1838	1.3405	1.0664
Xe-129m	0.1648	0.1685	0.1461	0.0840	0.9657	1.0228	1.3459	0.6633
Xe-131m	0.0686	0.0700	0.0612	0.0385	0.4006	0.4210	0.5623	0.2804
Xe-133	0.1278	0.1134	0.0982	0.1009	0.7330	0.7650	1.6377	0.5027
Xe-133m	0.0899	0.0874	0.0747	0.0498	0.5311	0.5181	0.7072	0.3652
Xe-135	0.2528	0.2035	0.1674	0.1831	1.5390	1.0464	1.7135	1.0096
Xe-135m	0.2158	0.1755	0.1306	0.1897	1.3299	1.1468	1.3474	1.4981
Xe-137	0.0857	0.0669	0.0513	0.0804	0.5366	0.4332	0.5291	0.5866
Xe-138	0.3196	0.2577	0.2593	0.3413	1.9704	1.3823	1.9509	1.9382
Y-81	0.2325	0.1814	0.1650	0.2557	1.3199	1.0962	1.6180	1.1673

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Y-83	0.1829	0.1614	0.1464	0.1974	1.0409	0.8763	1.0716	1.2275
Y-83m	0.2279	0.1849	0.1481	0.1894	1.3648	1.0076	1.4808	1.1969
Y-84m	0.8177	0.6851	0.6376	0.9318	5.1060	3.5585	4.2749	5.5190
Y-85	0.2022	0.1651	0.1286	0.1968	1.2029	1.0328	1.2535	1.5282
Y-85m	0.2132	0.1794	0.1725	0.2339	1.2664	0.9490	1.2360	1.3940
Y-86	0.8362	0.7017	0.6688	0.9750	5.1406	3.6765	4.6111	5.7402
Y-86m	0.2150	0.1675	0.1315	0.1651	1.3069	1.0630	1.3073	1.0596
Y-87	0.2942	0.2435	0.1902	0.2950	1.6890	1.5035	1.8154	2.2248
Y-87m	0.1957	0.1531	0.1144	0.1816	1.2284	0.9246	1.1869	1.1804
Y-88	0.5802	0.4944	0.5380	0.7431	3.4747	2.4542	3.1076	4.2459
Y-89m	0.2521	0.2123	0.1954	0.2840	1.5756	1.0767	1.3039	1.7121
Y-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Y-90m	0.4407	0.3434	0.2572	0.3659	2.7030	2.2837	2.7272	2.7332
Y-91	0.0006	0.0005	0.0005	0.0008	0.0037	0.0025	0.0040	0.0047
Y-91m	0.2384	0.1923	0.1423	0.2256	1.4813	1.2160	1.3137	1.5741
Y-92	0.0668	0.0556	0.0515	0.0775	0.4166	0.2920	0.3732	0.4738
Y-93	0.0340	0.0278	0.0257	0.0325	0.2097	0.1400	0.2167	0.1944
Y-94	0.1975	0.1657	0.1542	0.2251	1.2340	0.8494	1.0791	1.3682
Y-95	0.1543	0.1288	0.1356	0.1793	0.9599	0.6534	1.0213	1.0707
Yb-162	0.3118	0.2382	0.2303	0.3160	1.8648	1.4304	1.4069	1.3875
Yb-163	0.2440	0.1981	0.2059	0.2289	1.4546	1.1160	1.0979	1.2099
Yb-164	0.1160	0.0931	0.0971	0.0728	0.6766	0.5677	0.4296	0.3986
Yb-165	0.3235	0.2582	0.2761	0.2812	1.8450	1.5730	2.1131	1.2559
Yb-166	0.2201	0.1754	0.1817	0.1469	1.2730	1.0944	1.1186	0.7482
Yb-167	0.4910	0.3769	0.3924	0.4373	2.8760	2.3511	1.9230	1.9885
Yb-169	0.5711	0.4518	0.4374	0.4332	3.3876	2.7777	2.5881	2.3205
Yb-175	0.0324	0.0250	0.0209	0.0284	0.2012	0.1508	0.1795	0.1643
Yb-177	0.1019	0.0793	0.0766	0.1262	0.6197	0.4332	0.5522	0.5717
Yb-178	0.0252	0.0196	0.0153	0.0228	0.1595	0.1177	0.1536	0.1471
Yb-179	0.4448	0.3592	0.2767	0.4330	2.7972	2.1505	2.2270	2.5600
Zn-60	0.2561	0.2114	0.1725	0.2347	1.6079	1.1996	1.2433	1.3180
Zn-61	0.1153	0.0943	0.0908	0.1310	0.7163	0.5272	0.7013	0.8275
Zn-62	0.2145	0.1761	0.1693	0.2212	1.2632	1.0484	1.1031	1.1632
Zn-63	0.0436	0.0364	0.0338	0.0505	0.2699	0.1910	0.2085	0.2686
Zn-65	0.1442	0.1209	0.1433	0.2033	0.8380	0.5709	0.7874	1.0003
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zn-69m	0.2300	0.1764	0.1312	0.2127	1.4492	1.1632	1.3864	1.4897
Zn-71	0.1299	0.1037	0.0824	0.1263	0.8058	0.6447	0.7712	0.9163
Zn-71m	0.7226	0.5713	0.4332	0.6964	4.5544	3.5454	4.0509	4.5491
Zn-72	0.2264	0.1668	0.1823	0.3294	1.2941	0.9307	1.1303	1.0680
Zr-85	0.2221	0.1753	0.1426	0.2197	1.3860	1.0797	1.3283	1.4712
Zr-86	0.4142	0.3615	0.3009	0.3484	2.3124	1.8668	2.5869	2.0715
Zr-87	0.0298	0.0270	0.0261	0.0357	0.1627	0.1327	0.1714	0.2149

<b>Nuclide</b>	<b>avg100</b>	<b>ctr100</b>	<b>mid100</b>	<b>cnr100</b>	<b>avg200</b>	<b>ctr200</b>	<b>mid200</b>	<b>cnr200</b>
Zr-88	0.2982	0.2423	0.1884	0.2920	1.7773	1.4340	1.6875	1.7973
Zr-89	0.3092	0.2684	0.2452	0.3494	1.8349	1.3462	1.5963	2.1085
Zr-89m	0.2410	0.1976	0.1528	0.2449	1.5046	1.1795	1.1910	1.4656
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	0.2410	0.1985	0.1756	0.2436	1.5253	1.1255	1.0074	1.3276
Zr-97	0.2866	0.2360	0.2089	0.2924	1.8061	1.3336	1.3041	1.6588

Table 15: Composite 1 - Infinite Contamination Thickness for 400x400x40 ft room

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Ac-223	0.1469	0.1418	0.1038	0.2869
Ac-224	2.0283	1.7259	1.2034	1.7605
Ac-225	0.1861	0.2018	0.1249	0.3896
Ac-226	1.0243	0.8294	0.6053	0.7418
Ac-227	0.0177	0.0297	0.0154	0.1204
Ac-228	1.9011	1.3311	1.4361	1.4600
Ac-230	0.8302	0.5609	0.7887	0.8515
Ac-231	2.5396	1.7611	1.3842	1.3996
Ac-232	1.4570	1.0130	1.1658	1.8517
Ac-233	1.4327	0.9748	2.3290	0.9206
Ag-100m	2.8619	1.9282	2.1941	2.9241
Ag-101	2.1730	1.4214	1.6861	1.3170
Ag-102m	1.7971	1.1428	1.8960	1.6613
Ag-102	4.2285	2.7564	4.1393	3.5569
Ag-103	1.8801	1.4352	1.4918	1.2309
Ag-104	4.9522	3.2696	4.5556	3.6248
Ag-104m	2.0158	1.3914	2.5222	1.6746
Ag-105	2.1993	1.5353	1.6897	1.4530
Ag-105m	0.0077	0.0097	0.0075	0.0498
Ag-106	0.3869	0.3074	0.5976	0.3247
Ag-106m	5.9634	3.9206	6.1622	3.9840
Ag-108	0.0456	0.0380	0.0445	0.0533
Ag-108m	4.3709	3.1427	4.1163	3.7048
Ag-109m	0.1878	0.1976	0.1887	0.2723
Ag-110	0.0702	0.0546	0.0580	0.0794
Ag-110m	4.9464	3.2996	3.7054	3.9821
Ag-111	0.1201	0.0701	0.0671	0.0448
Ag-111m	0.1013	0.1064	0.1052	0.1665
Ag-112	1.1331	0.8115	1.0189	1.2253
Ag-113m	0.8317	0.5297	0.5500	0.4594
Ag-113	0.2721	0.1628	0.1562	0.1170
Ag-114	0.4700	0.3180	0.5767	0.3868
Ag-115	0.9747	0.6282	0.7209	0.6536
Ag-116	2.8187	1.7101	3.3756	1.9071
Ag-117	1.8738	1.2089	1.4798	1.4508
Ag-99	2.8602	1.7069	1.8693	1.6296
Al-26	1.7033	0.9856	1.3127	2.2099
Al-28	1.6743	0.9638	1.2680	2.1796
Al-29	1.4149	0.7397	0.9704	1.0522
Am-237	2.3647	1.7674	1.4534	1.7176
Am-238	2.4808	1.9035	1.8781	2.0412
Am-239	2.3424	1.9645	1.2712	2.2418

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Am-240	0.6839	0.6620	0.9880	0.4447
Am-241	0.4436	0.4544	0.5043	0.6728
Am-242	0.2482	0.2593	0.1719	0.4442
Am-242m	0.1028	0.1452	0.1011	0.3820
Am-243	0.7631	0.7095	0.7691	0.7378
Am-244	2.1700	1.7218	1.5618	2.3990
Am-244m	0.0816	0.0925	0.0757	0.1884
Am-245	0.2736	0.2149	0.1559	0.2118
Am-246	2.7803	2.4296	2.0199	3.4596
Am-246m	1.7236	1.1755	1.3494	1.1934
Am-247	1.0284	0.7906	0.5732	0.7412
Ar-37	0.0038	0.0081	0.0051	0.0592
Ar-39	0.0000	0.0000	0.0000	0.0000
Ar-41	1.3824	0.7266	0.9136	1.0432
Ar-42	0.0000	0.0000	0.0000	0.0000
Ar-43	1.9019	1.1591	1.6039	1.3469
Ar-44	2.7154	1.8112	1.9263	2.6485
As-68	3.7054	2.4175	3.0467	2.9085
As-69	0.4625	0.3168	0.2997	0.3589
As-70	4.7660	3.1159	4.0191	3.7005
As-71	1.3846	1.2150	1.0185	1.5520
As-72	1.5119	0.9103	0.9738	1.0252
As-73	0.2210	0.3724	0.2723	2.1431
As-74	1.1599	0.9377	1.2727	1.5639
As-76	0.9218	0.6466	1.1639	0.7404
As-77	0.0445	0.0288	0.0330	0.0167
As-78	2.0918	1.4182	1.8020	1.9701
As-79	0.0914	0.0557	0.0790	0.0409
At-204	5.9090	4.1660	6.2629	4.4740
At-205	2.6452	2.0231	2.1613	2.5557
At-206	6.0536	4.1611	5.6319	4.2829
At-207	4.3818	3.1156	3.5580	3.8328
At-208	6.9309	5.2216	5.4337	6.3641
At-209	6.1195	4.2772	5.1788	4.6680
At-210	5.3779	3.5203	3.7437	4.3289
At-211	0.4463	0.4313	0.3724	0.5948
At-215	0.0007	0.0004	0.0005	0.0003
At-216	0.0254	0.0223	0.0200	0.0260
At-217	0.0014	0.0010	0.0010	0.0008
At-218	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000
At-220	2.1874	1.3911	1.3514	0.9669
Au-186	3.0304	2.1691	2.2600	2.1887

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Au-187	2.2590	1.6508	2.1116	2.3462
Au-190	3.9388	2.5109	3.1574	2.8680
Au-191	2.7995	2.1021	2.6933	2.3473
Au-192	3.5786	2.3065	2.8730	2.9229
Au-193	1.5137	1.2530	1.5039	1.4768
Au-193m	1.3686	0.9297	0.8285	1.0179
Au-194	2.7002	1.8184	2.1775	2.1666
Au-195	1.0884	0.9863	1.1665	1.5694
Au-195m	1.3732	0.9346	0.8383	1.0357
Au-196	2.4112	1.6197	1.8857	1.5404
Au-196m	2.1837	2.0220	1.8121	2.8255
Au-198	1.4218	0.8576	1.2234	0.5913
Au-198m	4.1709	3.3479	2.6554	3.2813
Au-199	0.8113	0.7471	0.6202	0.6970
Au-200	0.5173	0.2989	0.3478	0.2899
Au-200m	6.7810	4.5232	6.1331	3.7971
Au-201	0.1238	0.0996	0.1464	0.1555
Au-202	0.3442	0.2102	0.3461	0.1725
Ba-124	1.4586	1.1982	1.1527	0.9470
Ba-126	2.0137	1.4990	1.5552	1.1632
Ba-127	0.7368	0.6535	0.5983	0.5669
Ba-128	0.7076	0.6362	0.5567	0.4918
Ba-129	0.7870	0.7088	0.6399	0.6197
Ba-129m	4.0943	2.9829	3.4225	2.7730
Ba-131	2.3326	1.8188	2.4992	1.2815
Ba-131m	0.9298	0.8080	0.5946	0.6277
Ba-133	2.5547	1.9610	1.8637	1.5082
Ba-133m	0.6394	0.5561	0.4764	0.5566
Ba-135m	0.5933	0.5101	0.4448	0.3794
Ba-137m	1.3961	1.0896	1.1449	1.5480
Ba-139	0.3359	0.3068	0.2362	0.1998
Ba-140	0.6988	0.5422	0.8556	0.6334
Ba-141	2.7110	1.8090	1.8843	1.5370
Ba-142	2.4158	1.5976	1.8108	1.1649
Be-10	0.0000	0.0000	0.0000	0.0000
Be-7	0.1553	0.0961	0.2476	0.0579
Bi-197	3.1262	2.2320	2.5617	2.6325
Bi-200	6.7341	4.6013	6.7163	3.5919
Bi-201	3.2194	2.2627	2.6141	2.8154
Bi-202	6.2869	4.4599	5.5648	4.4518
Bi-203	4.1441	2.8028	3.1915	3.7630
Bi-204	6.2868	4.3112	5.0378	4.1746
Bi-205	3.0764	2.2258	2.6333	3.1916



<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Bi-206	7.2949	4.8749	6.4648	5.1889
Bi-207	3.5515	2.6855	3.8636	2.9981
Bi-208	2.1392	1.2741	2.0206	1.8611
Bi-210	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.4226	0.8766	0.8077	0.6023
Bi-211	0.2121	0.1318	0.1357	0.1062
Bi-212n	0.0000	0.0000	0.0000	0.0000
Bi-212	0.2056	0.1513	0.1438	0.2922
Bi-213	0.4482	0.2873	0.5035	0.2129
Bi-214	2.0646	1.3584	1.7753	2.0013
Bi-215	0.9909	0.6533	0.6528	0.5660
Bi-216	2.1930	1.4865	2.8803	1.3722
Bk-245	2.0708	1.6839	1.1924	1.6565
Bk-246	2.3525	1.7527	1.4816	2.1227
Bk-247	1.2532	0.9472	0.7713	0.7522
Bk-248m	0.3961	0.3616	0.3249	0.4778
Bk-249	0.0000	0.0000	0.0000	0.0000
Bk-250	1.5447	1.1332	1.4520	0.8912
Bk-251	0.8796	0.8353	0.5944	1.0067
Br-72	2.9172	1.7462	2.2818	1.8743
Br-73	1.3980	0.9728	1.2328	0.8781
Br-74	3.3150	2.2185	2.7825	2.9907
Br-74m	4.1065	2.8244	3.3264	4.1075
Br-75	1.9498	1.2077	1.1849	0.9539
Br-76	2.9140	1.9426	3.1123	2.7904
Br-76m	0.5804	0.6816	0.4883	1.2298
Br-77	1.2490	0.9311	1.1792	1.3656
Br-77m	0.2475	0.2834	0.1079	0.6368
Br-78	0.2170	0.1806	0.2168	0.3017
Br-80	0.1320	0.1112	0.1243	0.1952
Br-80m	0.4249	0.5615	0.2871	1.2123
Br-82m	0.1018	0.1781	0.0420	0.6020
Br-82	4.9808	3.2384	4.3106	3.7445
Br-83	0.0195	0.0131	0.0316	0.0113
Br-84m	4.6254	2.7219	3.6731	2.9652
Br-84	1.7487	1.0376	1.3637	1.2249
Br-85	0.1119	0.0673	0.0764	0.0622
C-10	1.5087	1.0108	1.0279	1.2860
C-11	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0067	0.0145	0.0091	0.1056
Ca-45	0.0000	0.0000	0.0000	0.0000
Ca-47	1.2397	0.6642	0.9114	0.8809

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Ca-49	1.5159	0.9255	1.5010	0.7732
Cd-101	2.7594	1.8437	2.0745	2.3565
Cd-102	2.1347	1.5186	2.6525	1.2948
Cd-103	2.2412	1.4864	1.9227	2.1500
Cd-104	1.3519	1.1961	1.2476	1.3596
Cd-105	1.5015	1.0273	1.2712	1.4690
Cd-107	0.5268	0.5622	0.5417	0.7674
Cd-109	0.4806	0.5207	0.5061	0.7244
Cd-111m	2.0089	1.3948	1.1698	0.8072
Cd-113	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0006	0.0005	0.0004	0.0004
Cd-115	0.5956	0.3967	0.9312	0.3054
Cd-115m	0.0509	0.0317	0.0437	0.0263
Cd-117	2.0292	1.1968	1.3864	1.2300
Cd-117m	2.5005	1.5424	2.1606	2.0491
Cd-118	0.0000	0.0000	0.0000	0.0000
Cd-119	2.4946	1.4726	1.7545	1.7976
Cd-119m	2.9116	1.7929	2.3624	2.2995
Ce-130	2.1435	1.7475	1.6241	1.2827
Ce-131	2.9197	2.1061	2.3991	2.0556
Ce-132	2.0447	1.7856	1.4499	1.2826
Ce-133	1.6362	1.4597	1.3539	1.1341
Ce-133m	4.1062	2.9167	4.2044	2.7204
Ce-134	0.4979	0.5170	0.4504	0.4325
Ce-135	3.0663	2.1896	2.5272	1.8449
Ce-137	0.5421	0.5628	0.5085	0.6139
Ce-137m	0.5614	0.4904	0.4279	0.3792
Ce-139	1.5272	1.4580	1.1635	1.0402
Ce-141	0.6534	0.6056	0.4830	0.3804
Ce-143	1.4654	1.0721	1.0613	0.8144
Ce-144	0.1822	0.1689	0.1398	0.1160
Ce-145	2.4379	1.7915	1.9682	1.6781
Cf-244	0.0385	0.0533	0.0390	0.1303
Cf-246	0.0267	0.0367	0.0270	0.0893
Cf-247	1.0980	1.0788	0.7693	1.5937
Cf-248	0.0324	0.0441	0.0327	0.1069
Cf-249	1.3889	0.8987	0.9171	0.8095
Cf-250	0.0399	0.0435	0.0378	0.0920
Cf-251	1.1332	1.0083	0.7041	1.1172
Cf-252	0.7438	0.4967	0.6313	0.5674
Cf-253	0.0898	0.1188	0.0947	0.2908
Cf-254	26.4753	17.0423	22.3607	17.9160
Cf-255	0.0000	0.0000	0.0000	0.0000

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Cl-34	0.0000	0.0000	0.0000	0.0000
Cl-34m	1.5522	1.0434	1.2744	1.3055
Cl-36	0.0001	0.0001	0.0001	0.0008
Cl-38	1.2440	0.6897	0.9968	1.4781
Cl-39	2.2108	1.2269	1.3679	1.4436
Cl-40	3.0938	1.7508	2.5224	2.6546
Cm-238	0.9027	0.7886	0.5051	0.8497
Cm-239	2.1978	1.9156	1.2627	1.7457
Cm-240	0.0418	0.0601	0.0389	0.1493
Cm-241	2.5248	2.0092	2.5959	2.2550
Cm-242	0.0375	0.0539	0.0348	0.1341
Cm-243	1.1767	0.9681	0.6497	1.1758
Cm-244	0.0322	0.0463	0.0299	0.1152
Cm-245	1.1695	1.0422	0.6567	1.1910
Cm-246	0.0313	0.0405	0.0287	0.0956
Cm-247	1.1849	0.7116	0.8518	0.4809
Cm-248	2.0876	1.3631	1.7645	1.4821
Cm-249	0.0663	0.0671	0.0690	0.2304
Cm-250	20.8916	13.4487	17.6641	14.1649
Cm-251	0.3827	0.2828	0.4487	0.2833
Co-54m	4.3942	2.5792	3.4286	2.7933
Co-55	2.0166	1.2705	1.8258	1.1680
Co-56	3.8642	2.2484	2.8325	2.8267
Co-57	0.9988	0.9314	0.6602	1.2896
Co-58	1.5590	0.8967	0.8547	1.1437
Co-58m	0.0271	0.0583	0.0368	0.4231
Co-60	2.8875	1.6231	2.0790	2.0312
Co-60m	0.0498	0.0794	0.0636	0.4746
Co-61	0.8223	0.6542	0.9666	0.4677
Co-62	1.7284	1.0071	1.3912	1.1292
Co-62m	3.0593	1.8098	2.4101	2.1664
Cr-48	2.5219	1.6773	1.3015	1.2118
Cr-49	1.0886	0.9070	0.8113	0.5891
Cr-51	0.1588	0.1146	0.0949	0.2953
Cr-55	0.0007	0.0004	0.0005	0.0008
Cr-56	1.2063	1.0956	1.0216	1.0825
Cs-121	0.9835	0.7385	0.7731	0.5584
Cs-121m	1.8067	1.3624	1.3889	1.0191
Cs-123	1.3522	1.0380	1.1093	0.9370
Cs-124	0.5778	0.3579	0.4258	0.3089
Cs-125	1.1493	0.8845	1.2978	0.7857
Cs-126	0.9577	0.6139	0.7849	0.4767
Cs-127	1.7794	1.3204	1.5679	1.0043

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Cs-128	0.6334	0.4532	0.7216	0.3489
Cs-129	1.5597	1.2315	1.2934	0.9688
Cs-130m	1.0330	1.0214	0.9486	0.9229
Cs-130	0.3396	0.3248	0.3516	0.2969
Cs-131	0.4461	0.4732	0.4151	0.4147
Cs-132	1.9883	1.6368	1.6808	2.0591
Cs-134	3.3632	2.2472	2.8904	2.6798
Cs-134m	0.3243	0.3379	0.2759	0.4436
Cs-135	0.0000	0.0000	0.0000	0.0000
Cs-135m	3.0138	1.7140	1.7084	1.5680
Cs-136	1.3561	1.2720	1.4429	1.2258
Cs-137	0.0000	0.0000	0.0000	0.0000
Cs-138m	1.0982	0.8266	0.9962	0.8240
Cs-138	3.0526	1.8202	2.7914	2.2556
Cs-139	0.3080	0.1771	0.2429	0.2720
Cs-140	2.1045	1.3753	1.9876	1.9386
Cu-57	0.1548	0.0971	0.1284	0.0828
Cu-59	0.7317	0.4220	0.5675	0.4318
Cu-60	3.0572	1.7292	2.2757	2.7720
Cu-61	0.5485	0.3855	0.4141	0.5716
Cu-62	0.0097	0.0070	0.0079	0.0180
Cu-64	0.0230	0.0385	0.0265	0.2591
Cu-66	0.1516	0.1039	0.1398	0.0671
Cu-67	0.8998	0.7538	0.5218	0.6142
Cu-69	0.9054	0.5978	0.8280	0.5044
Dy-148	2.0575	1.7415	1.9933	2.2536
Dy-149	3.2240	2.2992	2.5066	2.5512
Dy-150	1.2756	0.8897	0.9922	0.6902
Dy-151	3.1092	2.2152	2.8137	2.3556
Dy-152	2.1044	1.4236	1.3164	0.8508
Dy-153	3.3462	2.5925	2.8254	2.2906
Dy-154	0.0000	0.0000	0.0000	0.0000
Dy-155	2.4860	1.8622	1.8660	1.5075
Dy-157	1.9716	1.3759	1.3298	1.0911
Dy-159	0.6867	0.6666	0.6850	0.6307
Dy-165m	0.1501	0.1440	0.1525	0.3076
Dy-165	0.1630	0.1337	0.1397	0.1218
Dy-166	0.5565	0.5276	0.5586	0.6010
Dy-167	2.0773	1.4145	1.8149	1.2090
Dy-168	1.6913	1.3091	1.7711	1.1589
Er-154	0.7406	0.7427	0.7689	0.8700
Er-156	0.8994	0.9049	0.9014	1.3117
Er-159	2.4711	1.9476	2.1992	2.3343

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Er-161	2.5335	1.7987	1.9143	1.7622
Er-163	0.5780	0.5588	0.6150	0.5551
Er-165	0.5548	0.5379	0.5908	0.5434
Er-167m	0.6994	0.5751	0.4338	0.5409
Er-169	0.0008	0.0017	0.0011	0.0122
Er-171	2.1362	1.4403	1.3324	1.0949
Er-172	1.9575	1.4948	1.9394	1.5703
Er-173	3.1372	2.4425	2.1232	1.9625
Es-249	1.9599	1.5116	1.2902	1.5141
Es-250	5.0504	4.0881	3.3844	5.1076
Es-250m	1.6749	1.3747	1.2474	1.4548
Es-251	1.0350	1.0123	0.7160	1.3697
Es-253	0.0115	0.0147	0.0113	0.0358
Es-254	0.3578	0.4917	0.3654	1.3565
Es-254m	1.2109	0.9842	1.0176	1.5104
Es-255	0.0011	0.0007	0.0009	0.0007
Es-256	0.0596	0.0759	0.0628	0.1659
Eu-142	0.3586	0.2205	0.2459	0.3012
Eu-142m	5.1036	3.4334	4.9264	3.3156
Eu-143	0.5642	0.3953	0.4498	0.4988
Eu-144	0.2728	0.1805	0.2054	0.2880
Eu-145	2.3963	1.6997	1.9186	1.8616
Eu-146	4.6750	3.3197	3.5867	4.2827
Eu-147	1.8769	1.5527	1.4233	1.3457
Eu-148	5.4511	4.0053	5.8534	4.5864
Eu-149	0.6870	0.6200	0.5786	0.6460
Eu-150	4.8508	3.2199	4.4003	2.8156
Eu-150m	0.1739	0.1234	0.1278	0.1004
Eu-152	2.7779	1.9280	2.0592	1.6776
Eu-152m	0.7377	0.5350	0.5594	0.4242
Eu-152n	0.9497	0.8171	0.6714	0.9082
Eu-154	2.4635	1.6955	1.8643	1.5658
Eu-154m	0.9538	0.8456	0.8354	1.0371
Eu-155	0.7498	0.6290	0.5258	0.5010
Eu-156	1.6753	1.0735	1.3127	1.3711
Eu-157	1.4857	1.1348	1.4223	1.0706
Eu-158	2.1899	1.4921	1.8354	1.3882
Eu-159	1.5511	1.3208	1.3890	1.2195
F-17	0.0005	0.0003	0.0004	0.0003
F-18	0.0000	0.0000	0.0000	0.0000
Fe-52	1.2677	1.1498	0.8513	0.8732
Fe-53	0.6255	0.3657	0.4107	0.2682
Fe-53m	4.4010	2.8316	3.4750	3.2455

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Fe-55	0.0223	0.0482	0.0304	0.3509
Fe-59	1.5244	0.9233	1.1787	0.9168
Fe-60	0.0000	0.0000	0.0000	0.0000
Fe-61	2.0852	1.3039	1.6065	1.2193
Fe-62	1.5037	0.9541	2.7185	0.6041
Fm-251	1.0803	0.9757	0.7748	1.2018
Fm-252	0.0300	0.0391	0.0312	0.0893
Fm-253	0.7553	0.7738	0.5808	1.2310
Fm-254	0.0410	0.0464	0.0405	0.0973
Fm-255	0.3072	0.4150	0.3138	1.0343
Fm-256	19.6711	12.6741	16.5710	13.2960
Fm-257	1.1792	1.0688	0.8107	1.3068
Fr-212	2.6554	1.9197	1.7935	2.1840
Fr-219	0.0154	0.0104	0.0135	0.0084
Fr-220	0.1220	0.1272	0.0903	0.2193
Fr-221	0.2051	0.1568	0.1121	0.1290
Fr-222	1.0938	0.9212	0.5906	0.9970
Fr-223	0.6174	0.6064	0.5351	0.7494
Fr-224	1.4382	1.0340	0.8833	1.0876
Fr-227	2.1295	1.6729	1.8246	1.6977
Ga-64	2.3091	1.4082	1.9214	1.5395
Ga-65	1.1241	0.8958	0.7821	0.9554
Ga-66	1.5440	0.9573	1.3790	1.2530
Ga-67	1.1636	0.9468	0.7035	1.5546
Ga-68	0.0614	0.0484	0.0563	0.1152
Ga-70	0.0144	0.0109	0.0123	0.0102
Ga-72	3.5154	2.0890	2.6109	2.6123
Ga-73	1.6540	1.0952	0.9878	1.7163
Ga-74	3.8744	2.5088	3.8259	3.5531
Gd-142	1.2866	0.9309	1.0676	0.9315
Gd-143m	3.6739	2.4327	2.5750	2.2545
Gd-144	0.8102	0.5863	0.6756	0.6389
Gd-145m	1.4841	1.0277	1.0217	1.4057
Gd-145	2.3190	1.4892	1.8661	2.3610
Gd-146	2.7156	2.4505	2.0437	1.7946
Gd-147	4.2811	2.9345	3.0953	2.3623
Gd-148	0.0000	0.0000	0.0000	0.0000
Gd-149	2.6390	2.0235	1.9741	1.5406
Gd-150	0.0000	0.0000	0.0000	0.0000
Gd-151	0.8118	0.7547	0.6789	0.7881
Gd-152	0.0000	0.0000	0.0000	0.0000
Gd-153	1.4456	1.2616	1.0599	0.9896
Gd-159	0.3254	0.2464	0.2620	0.1997

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Gd-162	1.4765	0.9072	1.4435	0.6744
Ge-66	1.8974	1.3869	1.5501	1.8109
Ge-67	1.5233	1.2436	1.0555	1.0014
Ge-68	0.0555	0.1194	0.0743	0.8598
Ge-69	1.1537	0.8077	1.0484	1.3502
Ge-71	0.0563	0.1211	0.0753	0.8721
Ge-75	0.2044	0.1216	0.1081	0.0585
Ge-77	3.4131	2.2185	2.3518	1.7753
Ge-78	1.5454	0.8821	0.7743	0.4285
H-3	0.0000	0.0000	0.0000	0.0000
Hf-167	1.3604	0.9395	0.9937	0.8081
Hf-169	2.0971	1.5001	3.1210	1.2108
Hf-170	2.3955	2.0212	2.4519	2.2124
Hf-172	1.3643	1.2825	1.5225	1.7758
Hf-173	2.7601	2.1908	2.1959	1.7494
Hf-174	0.0000	0.0000	0.0000	0.0000
Hf-175	2.0230	1.4244	1.6385	1.2939
Hf-177m	12.5565	8.7017	8.3633	7.0586
Hf-178m	9.7003	6.6873	9.0384	5.6958
Hf-179m	4.8448	3.5211	4.2643	2.9894
Hf-180m	4.7788	3.2310	4.1069	2.5384
Hf-181	2.2039	1.5753	2.8025	1.2217
Hf-182	1.4926	0.9305	0.8592	0.5335
Hf-182m	3.8403	2.7487	3.4978	2.4147
Hf-183	2.1835	1.4302	1.9010	1.3185
Hf-184	1.5795	1.3492	1.2235	2.0591
Hg-190	1.9123	1.7553	1.7341	2.0021
Hg-191m	4.7480	3.2674	4.0240	3.5245
Hg-192	2.2071	1.7187	1.7837	1.9777
Hg-193	2.4546	1.8482	2.0958	2.3277
Hg-193m	2.6972	1.9084	2.5386	2.2308
Hg-194	0.0419	0.0831	0.0374	0.4578
Hg-195	1.1681	1.0188	1.1803	1.5809
Hg-195m	1.3073	1.0777	1.1239	1.8981
Hg-197	0.9521	0.9030	1.0212	1.4643
Hg-197m	0.8941	0.8374	0.7605	1.2964
Hg-199m	1.4973	1.3453	1.2764	1.4985
Hg-203	1.3921	0.8445	0.7655	0.5302
Hg-205	0.0361	0.0296	0.0214	0.0263
Hg-206	0.6074	0.3910	0.3713	0.3399
Hg-207	4.1582	2.6212	3.2431	3.1702
Ho-150	2.1930	1.3935	1.5494	1.4613
Ho-153	2.2216	1.5114	1.5883	1.2482

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Ho-153m	2.4413	1.8127	1.9718	1.4733
Ho-154m	6.1914	3.8897	5.9002	2.9711
Ho-154	3.1871	2.0395	2.4817	1.8778
Ho-155	1.8185	1.4211	1.4819	1.2912
Ho-156	4.0449	2.7728	2.9165	2.5121
Ho-157	2.7391	2.1384	2.2478	1.8203
Ho-159	2.7516	2.2856	2.1414	1.8036
Ho-160	4.1521	3.0732	3.4261	3.0332
Ho-161	0.8608	0.8432	0.8420	0.9480
Ho-162	0.8199	0.7576	0.8006	0.8120
Ho-162m	1.9192	1.5461	1.5631	1.6155
Ho-163	0.0009	0.0019	0.0012	0.0141
Ho-164	0.4320	0.4163	0.4366	0.4371
Ho-164m	0.6960	0.7066	0.7441	1.0949
Ho-166	0.1713	0.1590	0.1675	0.2434
Ho-166m	4.7724	3.3142	3.3384	3.1802
Ho-167	1.7255	1.0978	1.1216	0.8347
Ho-168	1.8953	1.2325	1.2510	1.3737
Ho-168m	0.1053	0.1174	0.1160	0.2935
Ho-170	4.2150	2.9182	3.1830	2.2939
I-118m	6.1993	4.5208	5.9765	5.5654
I-118	2.1466	1.5490	2.1799	2.0332
I-119	1.9360	1.2538	1.1732	0.7730
I-120	2.6533	1.7730	2.8329	2.3297
I-120m	5.4231	3.9147	5.9018	4.9790
I-121	1.7987	1.4486	1.2335	1.1357
I-122	0.4453	0.3443	0.5179	0.3841
I-123	1.5783	1.5114	1.2733	1.0951
I-124	1.8432	1.4253	1.7618	1.9292
I-125	0.8286	0.8746	0.7723	0.8314
I-126	1.3463	0.9833	1.0707	1.0361
I-128	0.2391	0.1599	0.2869	0.1139
I-129	0.4764	0.4993	0.4387	0.4188
I-130m	0.3706	0.2955	0.5039	0.3286
I-130	3.4052	3.1526	3.6648	3.1271
I-131	1.4786	0.9089	0.9566	0.6991
I-132	4.4878	3.0091	3.5776	3.6674
I-132m	1.0427	0.8368	0.8601	1.0547
I-133	1.5766	1.0444	2.3587	0.9002
I-134m	1.8666	1.3203	1.1763	0.8435
I-134	4.6577	2.9378	3.5982	2.7962
I-135	2.0318	1.2030	1.5996	1.5298
In-103	3.0584	2.0738	2.2145	2.2270



<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
In-105	2.4964	1.7647	1.9299	1.8000
In-106	5.4542	3.8595	4.9223	4.0929
In-106m	2.5566	1.8350	2.1881	2.8769
In-107	2.3223	1.6107	1.8524	1.7638
In-108	6.9327	4.7197	5.3902	5.1575
In-108m	2.5579	1.8423	2.2063	2.8048
In-109	2.1137	1.6764	1.4912	1.6698
In-109m	1.4248	1.1334	1.2067	1.6689
In-110	6.3104	4.4997	5.2226	4.9533
In-110m	1.8393	1.4162	1.5474	2.0581
In-111	3.0101	2.3152	1.8725	1.5436
In-111m	1.3545	0.9402	2.1158	0.8586
In-112	0.2100	0.1987	0.2111	0.2668
In-112m	0.4373	0.4427	0.3858	0.4383
In-113m	1.0523	0.6763	0.7531	0.5194
In-114	0.0047	0.0036	0.0045	0.0046
In-114m	0.4720	0.4224	0.3820	0.4377
In-115	0.0000	0.0000	0.0000	0.0000
In-115m	0.8265	0.5544	0.5280	0.4659
In-116m	3.1792	1.8490	2.4353	2.1637
In-117	2.6490	2.1280	3.0426	1.7460
In-117m	0.5780	0.4495	0.3834	0.3432
In-118m	4.0274	2.5698	3.2642	2.6875
In-118	0.0950	0.0538	0.0771	0.0620
In-119	1.5915	0.9811	0.9401	1.1467
In-119m	0.1466	0.1075	0.1159	0.1214
In-121	1.7234	1.1275	1.3513	0.8160
In-121m	0.4146	0.3696	0.4401	0.3132
Ir-180	3.2876	2.3130	2.6185	2.3166
Ir-182	3.0151	2.0955	2.3150	1.9896
Ir-183	2.9960	2.1427	2.7540	2.8017
Ir-184	4.8590	3.2773	4.0699	3.3198
Ir-185	2.4470	1.8651	2.3464	2.9105
Ir-186	4.5683	3.1491	3.9044	3.3474
Ir-186m	2.6619	1.8982	2.2767	2.3019
Ir-187	1.5840	1.2682	1.7740	1.7014
Ir-188	3.4124	2.4066	3.2718	3.4615
Ir-189	0.9158	0.7864	1.0453	1.2516
Ir-190	5.3114	3.8490	5.4984	3.9105
Ir-190m	0.0331	0.0698	0.0404	0.4752
Ir-190n	0.7368	0.6463	0.8942	0.9367
Ir-191m	0.8160	0.7642	0.8555	1.2928
Ir-192	3.3082	2.0282	2.6926	1.5504

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Ir-192m	0.0432	0.0873	0.0426	0.5179
Ir-192n	0.0963	0.1871	0.0952	1.0774
Ir-193m	0.0371	0.0730	0.0445	0.4705
Ir-194	0.3046	0.1840	0.1869	0.1532
Ir-194m	7.3040	4.8309	7.3738	4.6350
Ir-195	0.7301	0.6527	0.7351	0.9932
Ir-195m	1.7735	1.2705	1.4981	1.3545
Ir-196	0.6360	0.3745	0.4416	0.3163
Ir-196m	7.7566	5.1045	7.7478	4.8445
K-38	1.6455	0.8954	1.4405	1.8841
K-40	0.1695	0.0939	0.1150	0.1839
K-42	0.3071	0.1714	0.2087	0.3449
K-43	2.8877	1.9912	2.3631	2.1570
K-44	2.3409	1.3777	1.9147	1.7493
K-45	2.6013	1.7658	1.9141	2.2427
K-46	2.2341	1.2044	1.5988	1.8298
Kr-74	1.6749	1.3038	1.0767	1.2332
Kr-75	1.3763	1.1821	0.9295	0.9743
Kr-76	2.0768	1.4731	1.3782	1.6561
Kr-77	1.3586	1.2002	0.9092	0.8679
Kr-79	0.7657	0.6203	0.4950	1.0231
Kr-81	0.1201	0.2133	0.0475	0.7240
Kr-81m	0.9017	0.7969	0.4754	0.7119
Kr-83m	0.0487	0.0893	0.0239	0.3333
Kr-85	0.0065	0.0042	0.0114	0.0030
Kr-85m	1.1119	0.9614	0.7469	0.6177
Kr-87	1.2438	0.7100	0.9682	0.6809
Kr-88	2.1219	1.2835	1.6101	1.8222
Kr-89	2.6292	1.6527	2.2168	1.9072
La-128	4.7609	3.0673	4.3946	2.7009
La-129	1.6721	1.1878	1.2754	0.8266
La-130	3.3672	2.1680	3.0271	1.9621
La-131	2.0711	1.5430	1.6944	1.1187
La-132	3.0057	2.0235	3.5244	1.9819
La-132m	2.1882	1.6962	2.0896	1.3464
La-133	0.6643	0.6363	0.5807	0.6687
La-134	0.2961	0.2749	0.2825	0.2783
La-135	0.5203	0.5384	0.4958	0.4372
La-136	0.3673	0.3648	0.3229	0.3039
La-137	0.4744	0.5026	0.4384	0.4147
La-138	1.7921	1.1080	1.1852	1.5504
La-140	3.4503	2.0107	3.0154	2.8147
La-141	0.0285	0.0154	0.0196	0.0259

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
La-142	2.4321	1.5448	2.0992	2.2756
La-143	0.3391	0.2157	0.2866	0.3037
Lu-165	2.7716	2.1262	2.4219	2.1832
Lu-167	3.4000	2.4338	2.9208	3.0348
Lu-169m	0.0227	0.0488	0.0306	0.3534
Lu-169	3.0243	2.2610	2.6803	2.4750
Lu-170	3.2899	2.2136	2.9505	2.8778
Lu-171m	0.0280	0.0549	0.0370	0.3736
Lu-171	2.3515	1.9081	2.1461	2.6035
Lu-172	4.4374	3.1998	3.8648	3.1577
Lu-172m	0.0204	0.0439	0.0275	0.3178
Lu-173	1.8342	1.5606	1.8032	1.5225
Lu-174	0.7909	0.7200	0.8830	0.9156
Lu-174m	0.7864	0.7597	0.9185	1.3296
Lu-176	2.8319	2.0026	1.6544	1.7696
Lu-176m	0.1882	0.1737	0.1798	0.3056
Lu-177	0.2710	0.2169	0.1725	0.1935
Lu-177m	6.0935	4.4733	4.3465	3.5305
Lu-178	0.2628	0.1881	0.2022	0.2875
Lu-178m	5.4904	3.7606	4.0319	2.9861
Lu-179	0.1835	0.1361	0.0988	0.0946
Lu-180	2.9947	1.9110	2.2476	1.9067
Lu-181	2.0337	1.5431	1.7352	1.9058
Mg-27	1.5781	0.9763	1.1270	0.7396
Mg-28	2.4494	1.6254	1.8783	1.5413
Mn-50m	5.0844	3.0324	3.5558	3.6039
Mn-51	0.0085	0.0060	0.0063	0.0144
Mn-52	4.6699	2.8542	3.3132	3.5877
Mn-52m	1.5580	0.8528	1.0503	1.5533
Mn-53	0.0182	0.0393	0.0247	0.2858
Mn-54	1.5588	0.9224	0.9393	1.0468
Mn-56	2.2557	1.3053	1.5397	1.6515
Mn-57	0.3699	0.3360	0.2628	0.6707
Mn-58m	3.4092	1.9038	2.4459	2.2325
Mo-101	2.5338	1.7058	2.3163	2.0446
Mo-102	0.1258	0.1005	0.0735	0.0644
Mo-89	0.3272	0.2110	0.2525	0.2704
Mo-90	2.8021	2.0678	1.8160	1.6316
Mo-91m	1.4389	0.9851	1.1187	1.5112
Mo-91	0.0298	0.0283	0.0260	0.0502
Mo-93	0.2177	0.2988	0.2119	0.5285
Mo-93m	4.0981	2.6100	2.7722	3.6374
Mo-99	0.4151	0.2984	0.2648	0.2894

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
N-13	0.0000	0.0000	0.0000	0.0000
N-16	1.0765	0.8849	1.4279	0.8910
Na-22	1.3705	0.7159	0.9028	0.9811
Na-24	3.1008	1.6406	2.5559	2.2917
Nb-87	1.6572	1.4536	0.9170	1.2684
Nb-88m	5.5379	3.6071	4.9096	3.3890
Nb-88	6.5063	4.4549	6.2975	3.8234
Nb-89	0.5672	0.3714	0.4826	0.5625
Nb-89m	1.3908	0.9133	2.3088	0.7004
Nb-90	4.2396	2.7932	3.5245	3.4011
Nb-91	0.2118	0.3035	0.1816	0.5512
Nb-91m	0.2191	0.2741	0.2022	0.4717
Nb-92	3.3132	2.4320	3.6144	2.4072
Nb-92m	1.8475	1.3815	1.5318	1.2849
Nb-93m	0.0401	0.0561	0.0395	0.1141
Nb-94m	0.1561	0.2083	0.1497	0.3690
Nb-94	3.0380	1.9753	2.1194	2.1125
Nb-95	1.5093	0.8839	0.8468	0.9727
Nb-95m	0.5452	0.4581	0.3398	0.4860
Nb-96	4.7876	2.9694	4.0864	2.8385
Nb-97	1.5044	1.1661	1.2431	1.6896
Nb-98m	4.7419	2.8555	3.0938	3.4709
Nb-99	1.5866	1.4014	1.0379	1.0260
Nb-99m	1.0022	0.6251	0.8394	0.7137
Nd-134	2.1069	1.7671	1.5642	1.2001
Nd-135	2.5761	1.9669	2.2645	1.5726
Nd-136	1.6227	1.4253	1.3500	1.1666
Nd-137	2.3849	1.7730	2.0883	1.6932
Nd-138	0.5792	0.5580	0.4899	0.4587
Nd-139	0.7278	0.6102	0.6359	0.5277
Nd-139m	3.8126	2.7595	2.8214	2.5018
Nd-140	0.4966	0.5007	0.4406	0.4202
Nd-141	0.5235	0.5166	0.4609	0.4329
Nd-141m	1.4240	0.8736	0.8437	0.9841
Nd-144	0.0000	0.0000	0.0000	0.0000
Nd-147	0.9109	0.7380	0.8530	0.5814
Nd-149	1.9330	1.4156	1.3473	1.0324
Nd-151	2.3525	1.6436	1.6813	1.2958
Nd-152	0.9402	0.5922	0.5476	0.4117
Ne-19	0.0002	0.0001	0.0001	0.0001
Ne-24	1.6088	0.9913	2.3636	0.6141
Ni-56	4.6872	3.2000	3.4287	3.0132
Ni-57	1.6952	1.0068	1.1849	1.8700

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Ni-59	0.0316	0.0681	0.0429	0.4955
Ni-63	0.0000	0.0000	0.0000	0.0000
Ni-65	0.7082	0.4140	0.5217	0.5821
Ni-66	0.0000	0.0000	0.0000	0.0000
Np-232	3.8688	2.6766	2.2573	2.6787
Np-233	1.0242	0.8691	0.5435	0.9474
Np-234	2.1735	1.5653	1.3853	2.3830
Np-235	0.1294	0.1968	0.1040	0.5618
Np-236	1.7938	1.7748	1.1371	2.4710
Np-236m	0.5430	0.4783	0.2974	0.5789
Np-237	0.5065	0.5711	0.3780	0.9914
Np-238	1.0825	0.8432	0.9990	0.8518
Np-239	1.6233	1.3096	0.8826	1.4359
Np-240	3.0106	2.3731	2.7132	2.7292
Np-240m	0.8468	0.6673	0.9336	0.9581
Np-241	0.3795	0.3324	0.2229	0.3673
Np-242	0.3852	0.2504	0.2770	0.3812
Np-242m	2.4667	1.8576	1.6537	2.2364
O-14	1.6631	0.8441	1.4999	1.5596
O-15	0.0000	0.0000	0.0000	0.0000
O-19	2.0549	1.4577	1.1666	1.4709
Os-180	1.0223	0.8919	1.1817	1.4701
Os-181	3.8527	2.6792	3.1549	2.8411
Os-182	2.2557	1.7496	2.7958	1.8710
Os-183	3.2445	2.3607	2.9210	2.3711
Os-183m	2.0854	1.5022	2.0758	1.5546
Os-185	2.0976	1.6812	2.0224	2.3675
Os-186	0.0000	0.0000	0.0000	0.0000
Os-189m	0.0311	0.0660	0.0391	0.4579
Os-190m	5.4276	3.9040	5.7859	4.1195
Os-191	0.8975	0.8305	0.9413	1.3260
Os-191m	0.1088	0.1306	0.1362	0.5192
Os-193	0.3883	0.3053	0.4023	0.3796
Os-194	0.0681	0.0983	0.0667	0.4099
Os-196	0.4403	0.3280	0.3897	0.3220
P-30	0.0012	0.0007	0.0011	0.0013
P-32	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000
Pa-227	0.3067	0.3073	0.2344	0.4888
Pa-228	3.8350	2.8619	2.8802	3.2922
Pa-229	0.8279	0.7511	0.4802	0.9517
Pa-230	2.1079	1.6483	1.7055	1.7772
Pa-231	0.4128	0.4575	0.2803	1.0257

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Pa-232	2.2151	1.6318	1.9978	1.6290
Pa-233	1.4397	1.0853	0.8025	1.2737
Pa-234	3.9570	2.9641	2.9097	3.2986
Pa-234m	0.0347	0.0255	0.0263	0.0270
Pa-235	0.0108	0.0233	0.0144	0.1668
Pa-236	1.6303	1.2285	1.3088	1.9809
Pa-237	1.3007	0.8262	1.2544	0.7958
Pb-194	3.1273	2.3605	2.7654	2.8501
Pb-195m	4.7560	3.2932	3.6787	3.6042
Pb-196	2.6841	2.0248	2.6180	2.0007
Pb-197	3.2413	2.1843	2.5430	2.5339
Pb-197m	4.0002	2.8320	3.0886	3.0453
Pb-198	2.5238	1.9151	1.9360	1.9944
Pb-199	2.5962	1.8180	2.0542	2.1603
Pb-200	1.8733	1.6549	1.6224	1.9024
Pb-201	2.8869	2.0293	2.1698	2.0936
Pb-201m	1.1296	0.9719	1.0337	1.4469
Pb-202	0.0373	0.0757	0.0365	0.4480
Pb-202m	4.6030	3.0305	4.0352	2.6433
Pb-203	2.2057	1.5909	1.5695	1.5552
Pb-204m	4.4066	2.7667	3.2161	2.0256
Pb-205	0.0378	0.0766	0.0370	0.4534
Pb-209	0.0000	0.0000	0.0000	0.0000
Pb-210	0.0880	0.1352	0.0650	0.4480
Pb-211	0.1695	0.1047	0.1275	0.0901
Pb-212	1.1081	0.8159	0.7019	0.6995
Pb-214	1.2796	0.8497	0.8159	0.7612
Pd-100	1.6321	1.5591	1.6159	1.6602
Pd-101	1.2873	1.0756	1.2208	1.3836
Pd-103	0.2681	0.3119	0.3322	0.5122
Pd-107	0.0000	0.0000	0.0000	0.0000
Pd-109m	0.8168	0.7203	0.5144	0.6077
Pd-109	0.1906	0.1997	0.1910	0.2748
Pd-111	0.1027	0.0701	0.1003	0.0805
Pd-112	0.0972	0.1248	0.1115	0.2341
Pd-114	0.1605	0.1165	0.0934	0.0688
Pd-96	2.6929	1.9333	2.2452	1.9166
Pd-97	3.0469	1.8654	2.4700	1.9352
Pd-98	1.7731	1.4831	1.3449	1.4989
Pd-99	2.1030	1.5879	1.5691	1.5258
Pm-136	4.5149	2.8711	3.4087	2.6576
Pm-137m	4.1794	3.0253	3.4000	2.3089
Pm-139	0.7164	0.5052	0.5960	0.4502

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Pm-140m	4.8771	3.1149	3.9537	2.4581
Pm-140	0.2974	0.2062	0.2498	0.2037
Pm-141	0.5199	0.4156	0.4207	0.4284
Pm-142	0.1925	0.1624	0.1588	0.1856
Pm-143	1.0858	0.8666	0.8057	0.8649
Pm-144	4.1872	3.1936	4.0686	3.8693
Pm-145	0.5219	0.5172	0.4670	0.4574
Pm-146	2.1890	1.4882	2.1391	1.3356
Pm-147	0.0000	0.0000	0.0000	0.0000
Pm-148	0.9122	0.5760	0.9132	0.7222
Pm-148m	4.9602	3.5715	5.2135	3.9781
Pm-149	0.0559	0.0333	0.0310	0.0225
Pm-150	2.6833	1.5719	1.8062	1.5950
Pm-151	1.5507	1.1033	1.0628	0.8335
Pm-152m	3.9556	2.5791	2.6126	2.0247
Pm-152	0.6475	0.4669	0.4863	0.4047
Pm-153	0.6661	0.5938	0.4898	0.4699
Pm-154	2.3484	1.5204	1.9037	1.8927
Pm-154m	3.7362	2.5228	2.8159	2.7324
Po-203	3.4914	2.5525	2.7632	2.7207
Po-204	4.1936	3.3010	3.5149	3.8134
Po-205	3.4313	2.4643	2.6702	2.6696
Po-206	3.7370	2.7745	3.4571	3.0298
Po-207	3.1088	2.3220	2.5979	2.3032
Po-208	0.0001	0.0001	0.0001	0.0001
Po-209	0.0243	0.0191	0.0178	0.0373
Po-210	0.0000	0.0000	0.0000	0.0000
Po-211	0.0173	0.0118	0.0178	0.0112
Po-212m	0.0739	0.0433	0.0818	0.0534
Po-212	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0000	0.0000	0.0000
Po-214	0.0002	0.0001	0.0001	0.0001
Po-215	0.0006	0.0004	0.0007	0.0002
Po-216	0.0000	0.0000	0.0000	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000
Pr-134	6.0437	4.0620	4.8070	3.8304
Pr-134m	2.8430	1.7893	2.5378	1.8175
Pr-135	1.6188	1.2494	1.2775	1.0464
Pr-136	3.1260	2.1630	3.9963	2.2064
Pr-137	0.5481	0.4948	0.4859	0.4268
Pr-138	0.1923	0.1676	0.1534	0.1565
Pr-138m	5.0647	3.2669	3.5553	2.5321
Pr-139	0.4852	0.4852	0.4287	0.4091

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Pr-140	0.2586	0.2590	0.2287	0.2192
Pr-142	0.0637	0.0359	0.0440	0.0765
Pr-142m	0.0014	0.0031	0.0019	0.0225
Pr-143	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0365	0.0232	0.0281	0.0373
Pr-144m	0.2034	0.2103	0.1829	0.2540
Pr-145	0.0414	0.0299	0.0336	0.0293
Pr-146	1.6689	0.9953	1.6516	1.1335
Pr-147	1.8901	1.5103	1.6423	1.3929
Pr-148	2.0234	1.2111	1.3651	1.1514
Pr-148m	2.9748	1.8235	2.2757	1.5093
Pt-184	4.2961	3.5012	4.2586	4.1336
Pt-186	2.4979	1.9520	2.3165	2.5992
Pt-187	2.7028	2.0839	2.5276	2.4661
Pt-188	1.6745	1.4095	1.6239	1.7581
Pt-189	2.4317	1.9413	2.4906	2.5413
Pt-190	0.0000	0.0000	0.0000	0.0000
Pt-191	2.0557	1.6598	2.3190	2.0782
Pt-193	0.0377	0.0774	0.0397	0.4807
Pt-193m	0.1763	0.2004	0.2024	0.6508
Pt-195m	0.9892	0.9385	1.0291	1.8214
Pt-197	0.2822	0.2861	0.2526	0.5581
Pt-197m	0.7133	0.6333	0.6982	1.2341
Pt-199	0.6838	0.4759	0.7806	0.4427
Pt-200	0.5885	0.5283	0.5353	0.7966
Pt-202	0.0000	0.0000	0.0000	0.0000
Pu-232	0.7442	0.6367	0.3857	0.6909
Pu-234	0.8209	0.7133	0.4312	0.8173
Pu-235	1.0620	0.9414	0.5813	1.1434
Pu-236	0.0425	0.0638	0.0357	0.1652
Pu-237	0.6658	0.6234	0.3947	0.8799
Pu-238	0.0390	0.0588	0.0327	0.1527
Pu-239	0.0190	0.0296	0.0169	0.0974
Pu-240	0.0368	0.0553	0.0308	0.1435
Pu-241	0.0000	0.0000	0.0000	0.0000
Pu-242	0.0316	0.0475	0.0265	0.1231
Pu-243	0.3092	0.2884	0.2506	0.3466
Pu-244	0.0570	0.0591	0.0480	0.1229
Pu-245	1.4082	0.9645	0.9958	0.8626
Pu-246	1.3358	1.1541	0.8283	1.1396
Ra-219	0.8968	0.5951	0.5240	0.5336
Ra-220	0.0151	0.0094	0.0218	0.0060
Ra-221	0.3809	0.3849	0.2649	0.5552



<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Ra-222	0.0422	0.0248	0.0227	0.0183
Ra-223	1.1307	0.9239	0.7652	1.0024
Ra-224	0.0694	0.0447	0.0357	0.0262
Ra-225	1.3513	1.2276	1.2416	1.0189
Ra-226	0.0550	0.0487	0.0325	0.0441
Ra-227	1.2721	1.1748	1.1376	1.0375
Ra-228	0.0593	0.0924	0.0504	0.2602
Ra-230	0.5554	0.4533	0.4762	0.4912
Rb-77	1.7909	1.3486	1.6095	1.1629
Rb-78m	3.7910	2.4091	3.6030	2.8562
Rb-78	2.9243	1.7783	3.0320	1.9169
Rb-79	2.0911	1.6730	1.7302	1.6499
Rb-80	0.4358	0.3472	0.4193	0.5040
Rb-81	0.7444	0.5794	0.8325	0.7554
Rb-81m	0.1983	0.2662	0.0974	0.4939
Rb-82	0.2526	0.1511	0.1369	0.1826
Rb-82m	5.1296	3.4559	4.3322	4.1795
Rb-83	1.5104	1.1649	2.2647	1.4362
Rb-84	1.1998	0.8487	0.8052	0.9709
Rb-84m	1.9541	1.2741	1.4613	0.7986
Rb-86m	1.4774	1.0528	2.1274	1.1064
Rb-86	0.1350	0.0895	0.1200	0.0645
Rb-87	0.0000	0.0000	0.0000	0.0000
Rb-88	0.6558	0.3873	0.5110	0.6333
Rb-89	2.6150	1.6132	2.2052	1.6952
Rb-90	1.4197	0.8184	1.0379	0.7893
Rb-90m	3.2567	1.8612	2.3264	2.0687
Re-178	2.7397	1.9207	2.2497	2.0481
Re-179	3.5035	2.3773	3.2676	2.4642
Re-180	2.8050	2.0054	2.4111	2.1138
Re-181	3.1600	2.2605	2.8284	2.4474
Re-182	6.0826	4.4573	4.9261	4.4344
Re-182m	2.9795	2.1972	2.8523	2.4781
Re-183	1.6918	1.4954	1.7560	1.9843
Re-184	2.4813	1.7450	2.0591	1.8597
Re-184m	1.9223	1.4821	1.6766	1.8153
Re-186	0.1940	0.1748	0.1850	0.1974
Re-186m	0.2878	0.3495	0.3365	1.3401
Re-187	0.0000	0.0000	0.0000	0.0000
Re-188	0.3075	0.2678	0.2677	0.2458
Re-188m	0.9195	0.8133	1.0302	1.3856
Re-189	0.3565	0.2712	0.2553	0.2713
Re-190	4.1756	2.9107	3.5418	2.7411

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Re-190m	3.2184	2.3216	3.0876	2.3995
Rh-100m	0.5214	0.5493	0.6036	0.7862
Rh-100	3.9478	2.5396	4.2291	3.3334
Rh-101	2.0293	1.7665	1.3301	1.5415
Rh-101m	1.5304	1.0486	1.0218	1.0063
Rh-102	1.0878	0.7873	1.5166	0.7747
Rh-102m	5.0029	3.5281	5.2098	3.8045
Rh-103m	0.0310	0.0381	0.0385	0.0882
Rh-104	0.0330	0.0237	0.0460	0.0257
Rh-104m	0.6687	0.6719	0.7531	0.7026
Rh-105	0.3565	0.2036	0.1842	0.1378
Rh-106	0.5168	0.3594	0.7383	0.3555
Rh-106m	5.6758	3.5906	5.7578	3.5493
Rh-107	1.4100	0.8209	0.7831	0.5434
Rh-108	0.9515	0.6235	1.0765	0.5456
Rh-109	1.4547	0.9182	0.8776	0.6214
Rh-94	3.6352	2.1413	2.6779	2.8241
Rh-95	2.4514	1.5762	1.9725	1.7265
Rh-95m	1.4802	1.0038	2.0536	0.9832
Rh-96	5.8386	3.9462	4.3241	5.1800
Rh-96m	1.3654	0.8667	1.0108	1.1133
Rh-97	1.9432	1.2280	1.7115	1.1485
Rh-97m	2.9793	2.0512	2.4926	2.5660
Rh-98	1.7267	1.3110	1.4406	1.9640
Rh-99	2.1614	1.6385	2.1856	1.6832
Rh-99m	1.8571	1.2794	1.3815	1.3675
Rn-207	2.7640	1.9652	2.0252	2.1126
Rn-209	3.0783	2.1519	2.3192	2.3289
Rn-210	0.2052	0.1562	0.1825	0.1756
Rn-211	4.0074	2.8694	3.1967	3.4182
Rn-212	0.0007	0.0005	0.0006	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	0.0019	0.0015	0.0020	0.0021
Rn-219	1.2688	1.1908	1.3839	1.2440
Rn-220	0.0017	0.0012	0.0026	0.0012
Rn-222	0.0012	0.0007	0.0020	0.0005
Rn-223	1.1794	0.9848	1.0274	1.4133
Ru-103	1.4853	0.9476	2.5925	0.6233
Ru-105	1.9746	1.3204	1.6372	1.3565
Ru-106	0.0000	0.0000	0.0000	0.0000
Ru-107	0.8033	0.5314	0.6337	0.4637

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Ru-108	0.5111	0.4699	0.3706	0.3287
Ru-92	5.3071	3.9034	3.5678	3.3247
Ru-94	1.7478	1.2032	1.2892	1.1585
Ru-95	2.5785	1.7374	1.9061	1.8686
Ru-97	1.6118	1.2832	0.9759	1.1805
S-35	0.0000	0.0000	0.0000	0.0000
S-37	1.4112	0.8820	1.4329	0.6925
S-38	1.4190	0.8296	1.1652	1.9307
Sb-111	2.0842	1.6089	2.1430	1.1095
Sb-113	1.7738	1.1669	2.6007	0.8317
Sb-114	2.3355	1.3454	1.6336	1.7521
Sb-115	1.7930	1.2280	2.9618	0.8794
Sb-116	2.0733	1.2412	1.5556	1.5805
Sb-116m	5.6618	3.8331	4.9341	3.4100
Sb-117	1.5183	1.4533	1.1902	1.0866
Sb-118	0.1606	0.1393	0.1421	0.1543
Sb-118m	5.4597	3.6428	4.0323	2.8196
Sb-119	0.4523	0.4797	0.4289	0.5820
Sb-120	0.2510	0.2509	0.2302	0.2728
Sb-120m	5.5413	4.1098	4.2356	3.2415
Sb-122m	1.0674	0.9694	1.1919	0.8447
Sb-122	1.1529	0.8334	1.5368	0.9311
Sb-124	2.9418	2.0410	2.7077	3.2071
Sb-124m	1.1315	0.8386	1.4159	1.0474
Sb-124n	0.0050	0.0108	0.0068	0.0784
Sb-125	1.5720	1.2134	1.5968	1.1966
Sb-126	6.4532	4.4497	5.0951	5.3010
Sb-126m	3.8571	2.6697	3.1306	3.1669
Sb-127	1.8133	1.1936	1.6911	1.2018
Sb-128	7.0880	4.6176	5.4039	5.1732
Sb-128m	4.5391	2.7425	2.6579	2.8157
Sb-129	2.5448	1.5934	2.0353	1.6494
Sb-130m	5.2319	3.2699	3.4771	2.8821
Sb-130	7.3624	4.5785	4.8329	4.0781
Sb-131	3.1903	2.0840	2.5633	2.3372
Sb-133	3.3802	2.0147	2.6554	2.3986
Sc-42m	4.5213	2.5767	3.7948	3.3421
Sc-43	0.3250	0.1912	0.2083	0.1442
Sc-44	1.4860	0.8987	1.1807	0.8493
Sc-44m	1.4113	0.8124	0.7270	0.3945
Sc-46	3.0885	1.9352	2.4098	1.5189
Sc-47	0.8590	0.7934	0.6178	0.4733
Sc-48	4.7540	3.0790	4.0173	2.5637

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Sc-49	0.0010	0.0006	0.0008	0.0013
Sc-50	4.5815	2.8093	4.6996	3.5248
Se-70	1.4196	1.1681	1.2355	2.0629
Se-71	1.3890	1.0187	1.0047	0.8430
Se-72	0.5172	0.6110	0.5066	1.5405
Se-73	2.0970	1.4175	1.6849	1.3921
Se-73m	0.2248	0.1799	0.1791	0.3185
Se-75	2.4132	1.7592	1.4206	1.8622
Se-77m	0.7141	0.6986	0.4989	0.7522
Se-79m	0.1870	0.2308	0.1033	0.7187
Se-79	0.0000	0.0000	0.0000	0.0000
Se-81	0.0291	0.0175	0.0200	0.0123
Se-81m	0.2306	0.2605	0.1152	0.7290
Se-83m	1.5630	1.0310	1.2967	1.0448
Se-83	5.0433	3.0800	4.2980	3.0633
Se-84	1.4766	0.8781	1.2403	0.5783
Si-31	0.0010	0.0005	0.0006	0.0007
Si-32	0.0000	0.0000	0.0000	0.0000
Sm-139	2.3063	1.4973	1.6838	1.2697
Sm-140	1.2568	0.9829	0.9508	0.8646
Sm-141	2.0256	1.3002	1.7745	1.2045
Sm-141m	3.9911	2.8322	3.0728	2.6404
Sm-142	0.4902	0.4774	0.4298	0.4143
Sm-143	0.3497	0.3192	0.3023	0.2833
Sm-143m	1.4139	0.8746	0.8473	0.9918
Sm-145	1.0288	0.9890	0.9487	0.8278
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	0.0002	0.0004	0.0003	0.0021
Sm-153	0.8374	0.7195	0.6089	0.5441
Sm-155	1.0786	0.8204	0.5606	0.4828
Sm-156	0.9563	0.7915	0.6227	0.7017
Sm-157	1.7406	1.3429	1.1071	1.0611
Sn-106	3.1352	2.1062	2.4910	1.6796
Sn-108	3.0027	2.1163	2.0703	1.7207
Sn-109	3.0281	1.9807	2.5253	2.4088
Sn-110	1.8380	1.2249	1.0921	0.8788
Sn-111	0.4655	0.3950	0.4160	0.4981
Sn-113	0.3870	0.3945	0.3609	0.4498
Sn-113m	0.2621	0.2761	0.2469	0.3226
Sn-117m	1.4577	1.3933	1.1285	1.0228
Sn-119m	0.2898	0.3110	0.2778	0.4232

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Sn-121	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.0973	0.1047	0.0913	0.1397
Sn-123	0.0099	0.0065	0.0087	0.0048
Sn-123m	1.1374	1.0551	0.8251	0.6585
Sn-125m	1.4456	0.8324	0.7967	0.5844
Sn-125	0.5134	0.3224	0.4213	0.2792
Sn-126	0.7698	0.6810	0.6426	0.6372
Sn-127m	1.4877	0.9186	2.4424	0.6409
Sn-127	3.1593	2.0023	2.7243	1.7838
Sn-128	2.7239	2.1930	3.2635	1.9107
Sn-129	1.9560	1.4334	1.6041	1.9964
Sn-130	3.3161	2.3981	2.2903	2.0404
Sn-130m	2.0642	1.4965	1.6281	1.4477
Sr-79	1.1373	0.9131	0.7126	0.7670
Sr-80	1.1479	0.9876	1.0971	1.3067
Sr-81	1.8984	1.5076	1.5853	1.1484
Sr-82	0.1584	0.2653	0.0474	0.5683
Sr-83	1.3607	1.0517	0.8425	1.4570
Sr-85	1.6011	1.2017	2.5669	1.2362
Sr-85m	1.4421	1.0089	0.7436	0.6305
Sr-87m	1.2082	0.7410	0.8101	0.5656
Sr-89	0.0002	0.0001	0.0001	0.0001
Sr-90	0.0000	0.0000	0.0000	0.0000
Sr-91	1.2746	0.8633	1.0263	0.8243
Sr-92	1.5510	0.8558	1.0726	1.3275
Sr-93	3.9965	2.6842	3.4562	3.1066
Sr-94	1.6091	0.8958	1.0968	1.5788
Ta-170	1.2768	0.9648	1.0147	1.0063
Ta-172	3.2043	2.2617	2.5465	2.4173
Ta-173	1.9555	1.6241	1.9522	1.9709
Ta-174	2.2274	1.7269	1.7904	1.9311
Ta-175	3.1660	2.3267	2.8295	2.5606
Ta-176	3.4312	2.3398	3.0794	3.2775
Ta-177	0.7968	0.7028	0.9120	0.8245
Ta-178	0.8375	0.7280	0.9493	0.9208
Ta-178m	6.3961	4.4846	4.9715	3.7819
Ta-179	0.3547	0.3323	0.4372	0.5451
Ta-180	0.6586	0.5879	0.7691	0.7385
Ta-182	2.7718	1.9437	2.3280	1.9596
Ta-182m	2.2924	2.0575	1.9936	2.3633
Ta-183	2.3497	1.8181	1.8865	2.0133
Ta-184	5.1283	3.3218	3.9732	2.7345
Ta-185	1.2240	1.0744	1.0628	1.2756

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Ta-186	4.7271	3.3622	3.9309	3.1608
Tb-146	3.4284	2.1067	2.7251	3.1088
Tb-147m	1.9708	1.2494	1.4830	1.9153
Tb-147	3.3906	2.3901	2.7802	2.4232
Tb-148m	6.6434	4.4139	4.8883	4.5197
Tb-148	2.9228	1.8373	2.3414	2.0584
Tb-149m	2.6900	1.8221	1.7773	1.9500
Tb-149	3.0887	2.1751	2.3325	2.0767
Tb-150m	6.6024	4.8090	6.5081	5.3678
Tb-150	3.3016	2.3600	3.0457	3.1147
Tb-151	3.9052	2.8233	3.2511	2.3824
Tb-151m	0.4247	0.3892	0.4183	0.7987
Tb-152m	3.4415	2.4308	2.7876	1.9072
Tb-152	2.8335	1.8613	2.1242	1.8372
Tb-153	2.0028	1.6507	1.5370	1.3997
Tb-154	3.1726	2.1832	2.6784	2.6316
Tb-155	1.8567	1.6021	1.4078	1.3107
Tb-156	4.6479	3.3112	4.3265	3.1552
Tb-156m	0.5363	0.5126	0.5780	0.3350
Tb-156n	0.0671	0.0803	0.0678	0.2691
Tb-157	0.0850	0.0974	0.0860	0.2601
Tb-158	2.1508	1.6707	1.8082	1.4293
Tb-160	2.3784	1.5762	1.7443	1.3020
Tb-161	0.5401	0.5367	0.5551	0.6902
Tb-162	3.2587	2.0440	1.9663	1.4728
Tb-163	2.7971	1.7613	2.7595	1.3347
Tb-164	5.2674	3.6115	4.0413	3.9724
Tb-165	1.1969	0.7446	1.0392	1.0108
Tc-101	1.5162	0.8984	0.8959	0.6100
Tc-102m	3.9307	2.5078	4.2896	3.0032
Tc-102	0.1773	0.1120	0.2279	0.0939
Tc-104	3.6738	2.2076	3.0390	2.3854
Tc-105	2.3857	1.6904	1.8734	1.4802
Tc-91	1.4796	0.8382	1.1946	1.3082
Tc-91m	1.0049	0.6316	1.5809	0.5120
Tc-92	5.6309	3.5605	3.5038	4.0235
Tc-93	1.7684	1.1231	1.2754	1.9876
Tc-93m	1.4132	0.8776	1.1141	0.8753
Tc-94	5.0432	3.3214	3.5666	3.5233
Tc-94m	1.9033	1.1934	1.3772	1.1845
Tc-95	1.7611	1.2119	1.1389	1.5094
Tc-95m	2.1979	1.6984	1.6341	1.7849
Tc-96	4.8669	2.9616	2.9766	2.9810

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Tc-96m	0.1942	0.1992	0.1913	0.3270
Tc-97	0.2240	0.2949	0.2393	0.5182
Tc-97m	0.1811	0.2273	0.2047	0.3960
Tc-98	3.0418	2.1396	2.2012	2.8766
Tc-99	0.0000	0.0000	0.0000	0.0000
Tc-99m	0.9747	0.8893	0.6938	0.5579
Te-113	1.7057	1.0392	1.3125	1.2749
Te-114	2.4535	1.7890	2.0140	2.0283
Te-115	2.4871	1.5925	1.8289	1.9166
Te-115m	2.9170	1.8412	2.2300	2.3673
Te-116	1.1207	1.0376	0.8950	0.9655
Te-117	2.1100	1.4570	1.6211	1.8925
Te-118	0.3872	0.4081	0.3618	0.4213
Te-119	1.9324	1.6044	1.6529	2.2065
Te-119m	3.2906	2.4056	2.4502	1.9872
Te-121	1.8977	1.4970	2.4764	1.5926
Te-121m	1.4410	1.1645	0.8531	0.9129
Te-123	0.0050	0.0100	0.0065	0.0687
Te-123m	1.3301	1.2693	1.0190	0.9002
Te-125m	0.6918	0.7310	0.6439	0.7163
Te-127	0.0185	0.0116	0.0160	0.0077
Te-127m	0.2151	0.2294	0.2031	0.2563
Te-129	0.2698	0.2126	0.3120	0.2272
Te-129m	0.2193	0.2101	0.1921	0.2369
Te-131	1.5872	1.2750	1.4520	0.8683
Te-131m	3.1193	1.9944	2.0497	1.8296
Te-132	1.8596	1.4429	1.1692	0.9491
Te-133	2.5313	1.5004	1.7533	1.4035
Te-133m	3.7209	2.4732	2.9075	2.3298
Te-134	3.0188	2.1383	2.4068	1.8159
Th-223	0.8403	0.7675	0.5367	0.9499
Th-224	0.1653	0.1444	0.1046	0.1307
Th-226	0.0903	0.0883	0.0525	0.1402
Th-227	0.9918	0.8352	0.6006	1.1818
Th-228	0.0497	0.0651	0.0354	0.1549
Th-229	1.1772	1.1784	1.1505	1.0582
Th-230	0.0308	0.0464	0.0234	0.1284
Th-231	4.4173	4.2003	4.2184	3.5936
Th-232	0.0269	0.0416	0.0204	0.1177
Th-233	0.2038	0.1918	0.1761	0.3561
Th-234	0.1427	0.1381	0.1199	0.2055
Th-235	0.1488	0.1004	0.1216	0.1025
Th-236	0.1937	0.1619	0.1292	0.1979

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Ti-44	1.7676	1.5252	1.8936	1.2775
Ti-45	0.0065	0.0063	0.0056	0.0279
Ti-51	1.4750	0.8523	0.8048	0.5909
Ti-52	0.9918	0.8949	0.6705	0.7190
Tl-190	2.0296	1.3819	1.8850	1.3651
Tl-190m	5.4635	3.7962	4.7338	4.2398
Tl-194	2.0485	1.4900	2.0559	1.5914
Tl-194m	6.8356	4.8521	5.9383	5.6900
Tl-195	2.5936	1.9054	2.3463	2.7641
Tl-196	3.5474	2.3946	3.2767	3.0571
Tl-197	1.8166	1.4473	1.7484	1.7670
Tl-198	3.8441	2.5740	3.3411	3.2960
Tl-198m	4.2849	3.1942	3.9964	3.8760
Tl-199	1.6936	1.3778	1.6060	1.5633
Tl-200	3.3839	2.2741	2.6928	2.5096
Tl-201	1.1046	1.0321	1.1090	1.4504
Tl-202	2.1248	1.5340	2.4102	1.5239
Tl-204	0.0165	0.0156	0.0175	0.0247
Tl-206m	7.3370	4.9424	6.2417	4.0600
Tl-206	0.0009	0.0008	0.0008	0.0011
Tl-207	0.0042	0.0027	0.0032	0.0020
Tl-208	3.7037	2.2637	4.0468	2.6376
Tl-209	4.2261	2.7478	3.9598	3.2511
Tl-210	4.7548	2.7610	2.9776	3.0376
Tm-161	3.6907	2.9821	3.2672	3.2190
Tm-162	2.4470	1.6832	1.9758	2.0094
Tm-163	3.4454	2.5386	2.9874	2.6634
Tm-164	0.8537	0.6766	0.7710	0.8044
Tm-165	2.7103	1.9978	2.2558	1.6745
Tm-166	3.6012	2.5569	2.9119	3.2721
Tm-167	1.3409	1.1884	1.1580	1.2172
Tm-168	3.9697	2.9311	3.0015	2.8769
Tm-170	0.0544	0.0517	0.0543	0.0831
Tm-171	0.0087	0.0081	0.0103	0.0103
Tm-172	0.7341	0.5001	0.5946	0.7859
Tm-173	1.4492	0.8875	1.1386	0.6318
Tm-174	5.7824	3.9454	4.3481	2.8017
Tm-175	2.5886	1.7124	3.0799	1.4279
Tm-176	3.9767	2.6994	3.1280	2.5121
U-227	1.0161	0.8029	0.5648	0.8466
U-228	0.0704	0.0805	0.0471	0.1590
U-230	0.0517	0.0731	0.0409	0.1800
U-231	1.2052	1.2429	0.7556	2.0465



<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
U-232	0.0423	0.0644	0.0330	0.1701
U-233	1.1126	1.1064	1.1861	1.2669
U-234	2.8334	2.7597	2.9082	2.3351
U-235	1.2829	1.1662	0.7675	1.2166
U-235m	0.0000	0.0000	0.0000	0.0000
U-236	0.0339	0.0526	0.0258	0.1412
U-237	1.1429	1.1140	1.3331	0.8060
U-238	0.0272	0.0423	0.0208	0.1136
U-239	0.5658	0.5198	0.5662	0.5394
U-240	0.1493	0.1920	0.1154	0.4508
U-242	0.2411	0.1941	0.2561	0.1729
V-47	0.0105	0.0071	0.0078	0.0163
V-48	3.2060	2.0035	2.6084	1.9694
V-49	0.0123	0.0266	0.0168	0.1936
V-50	1.6723	0.9526	1.1073	1.9605
V-52	1.5672	0.8562	1.0566	1.5702
V-53	1.6403	1.1345	1.5377	0.7214
W-177	3.8883	3.0133	3.6136	3.0923
W-178	0.2247	0.2226	0.2801	0.5117
W-179	0.7919	0.7491	0.9507	1.1671
W-179m	0.6129	0.5211	0.6681	0.6963
W-181	0.5545	0.4999	0.6893	0.7146
W-185m	0.3001	0.3381	0.3115	1.1152
W-185	0.0005	0.0005	0.0006	0.0005
W-187	1.4379	1.0637	1.5858	1.1538
W-188	0.0121	0.0082	0.0081	0.0075
W-190	1.5957	1.4222	1.6777	1.5206
Xe-120	1.9400	1.6551	1.6986	1.4809
Xe-121	1.8711	1.3147	1.5088	1.2152
Xe-122	0.6664	0.6223	0.5643	0.5307
Xe-123	1.6384	1.4159	1.2520	1.1332
Xe-125	1.9576	1.6431	1.3872	1.2053
Xe-127	2.0262	1.7335	1.3251	1.3269
Xe-127m	1.4424	1.3222	1.0269	0.9030
Xe-129m	0.8718	0.9063	0.7825	0.7867
Xe-131m	0.3586	0.3786	0.3286	0.3496
Xe-133	0.6925	0.6664	0.6235	0.5543
Xe-133m	0.4891	0.4576	0.3902	0.3784
Xe-135	1.5361	0.9129	0.8046	0.3903
Xe-135m	1.2834	0.8871	2.0678	0.7276
Xe-137	0.5179	0.3161	0.6661	0.2200
Xe-138	1.9286	1.1778	1.4745	1.4567
Y-81	1.2211	1.0680	0.8580	0.9797

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Y-83	0.9409	0.7462	0.8035	0.8831
Y-83m	1.3088	0.8253	0.9532	0.5395
Y-84m	5.0796	3.2385	3.9560	3.0077
Y-85	1.1323	0.7742	1.8043	0.6295
Y-85m	1.2058	0.8170	0.9245	1.0644
Y-86	5.0228	3.3805	4.1903	4.1171
Y-86m	1.2943	1.0019	0.6478	0.7453
Y-87	1.5208	1.1182	2.3349	1.0824
Y-87m	1.1624	0.7170	0.7646	0.5556
Y-88	3.3205	2.1763	2.4900	3.4552
Y-89m	1.5782	1.0085	1.2133	0.7183
Y-90	0.0000	0.0000	0.0000	0.0001
Y-90m	2.6349	1.8783	2.8134	1.3100
Y-91	0.0037	0.0021	0.0027	0.0023
Y-91m	1.4366	1.0278	2.0697	1.0838
Y-92	0.4153	0.2632	0.3704	0.2377
Y-93	0.2092	0.1248	0.1327	0.1106
Y-94	1.2354	0.7875	1.0246	0.6536
Y-95	0.9622	0.5687	0.8278	0.7349
Yb-162	1.8121	1.6101	1.5915	1.4511
Yb-163	1.4027	1.1050	1.2916	1.3642
Yb-164	0.6431	0.6057	0.7202	0.6354
Yb-165	1.7467	1.5988	1.8083	2.0538
Yb-166	1.2118	1.1472	1.3320	1.1953
Yb-167	2.7769	2.4848	2.4412	2.4674
Yb-169	3.2858	2.8699	3.0558	2.6176
Yb-175	0.1953	0.1300	0.1394	0.0948
Yb-177	0.6135	0.4991	0.5145	0.3860
Yb-178	0.1537	0.0940	0.1035	0.0763
Yb-179	2.7313	2.0384	2.8980	2.4094
Zn-60	1.5804	1.1395	1.3006	1.3390
Zn-61	0.7054	0.4229	0.7491	0.5379
Zn-62	1.1967	0.9436	1.4769	1.4981
Zn-63	0.2659	0.1911	0.2240	0.2554
Zn-65	0.8098	0.5785	0.7061	1.0522
Zn-69	0.0000	0.0000	0.0000	0.0000
Zn-69m	1.3881	0.8436	1.6150	0.5709
Zn-71	0.7875	0.5089	1.0845	0.3709
Zn-71m	4.4244	2.9625	4.8982	2.7542
Zn-72	1.2201	1.1732	0.8767	1.5465
Zr-85	1.3318	0.8165	1.3980	0.6776
Zr-86	2.0767	1.6517	1.2023	1.6082
Zr-87	0.1412	0.1148	0.1039	0.1738

<b>Nuclide</b>	<b>avg400</b>	<b>ctr400</b>	<b>mid400</b>	<b>cnr400</b>
Zr-88	1.5934	1.1193	1.0929	1.1168
Zr-89	1.7453	1.2450	1.3303	1.1719
Zr-89m	1.4623	1.1028	1.7081	1.4522
Zr-93	0.0000	0.0000	0.0000	0.0000
Zr-95	1.4891	0.9343	0.9213	1.1190
Zr-97	1.7653	1.1060	1.2199	1.2719