

Aluminum	D_Aluminum	Antimony	D_Antimony	Barium	D_Barium	Cesium-137	D_Cesium-13	Chromium	D_Chromium	Cobalt	D_Cobalt	Copper	D_Copper	Lead	D_Lead	Nickel	D_Nickel	Plutonium-239/24	D_Plutonium-239/	Selenium	D_Selenium	Silver	D_Silver	Uranium	D_Uranium	Zinc	D_Zinc
10100	1	0.68	0	171	1	0.166	1	7.4	1	6.5	1	12.4	1	13.3	1	7.2	1	0.134	1	0.74	0	0.3	0	2.84	1	27.7	1
10600	1	0.65	0	154	1	0.119	1	7.5	1	5.4	1	7.4	1	13	1	7.2	1	0.056	1	0.7	0	0.31	0	1.85	1	27.5	1
12300	1	0.68	0	137	1	0.071	0	8.2	1	4.9	1	10.6	1	14.2	1	6.9	1	0.036	1	0.74	0	0.43	0	2.12	1	142	1
9570	1	0.69	0	132	1	0.046	0	6.6	1	4.5	1	11	1	17.5	1	6.1	1	0.016	1	0.75	0	0.39	0	1.71	1	96.2	1
10600	1	0.67	0	123	1	0.076	0	7.8	1	4.7	1	12.1	1	13.3	1	6.7	1	0.095	1	0.73	0	0.37	0	1.59	1	64	1
14500	1	0.7	0	159	1	0.096	1	9.6	1	5.5	1	9.6	1	13	1	8	1	0.011	1	0.76	0	0.35	0	1.99	1	50.9	1
11600	1	0.73	0	162	1	0.044	0	8.8	1	6.2	1	14.5	1	16.7	1	8.6	1	0.011	1	0.79	0	0.22	0	1.86	1	159	1
15900	1	0.71	0	156	1	0.044	0	11.5	1	6.3	1	11.9	1	15.4	1	8.8	1	0.014	1	0.77	0	0.25	0	1.7	1	64	1
7760	1	0.69	0	128	1	0.075	0	6.8	1	4.6	1	12.4	1	14.7	1	6.9	1	0.011	1	0.75	0	1.4	0	1.92	1	65.1	1
10500	1	0.69	0	149	1	0.14	1	8.4	1	5.3	1	14.5	1	18.9	1	8.4	1	0.018	1	0.75	0	1.4	0	2.43	1	812	1
19100	1	0.74	0	187	1	0.052	0	13.8	1	6.3	1	15.3	1	16.6	1	10.5	1	0.029	1	0.8	0	1.5	0	2.29	1	49.8	1
18200	1	0.71	0	192	1	0.059	0	12.7	1	5.7	1	13.6	1	15.8	1	10.4	1	0.023	1	0.77	0	1.5	0	2.58	1	47	1
14600	1	0.69	0	188	1	0.068	0	11.1	1	5.3	1	10.2	1	15.1	1	9.3	1	0.011	1	0.75	0	1.4	0	2.57	1	39	1
10500	1	6	0	156	1	0.033	0	8.6	1	6.3	1	16.2	1	18.1	1	7.7	1	0.039	1	0.22	0	1.7	1	4	1	42.4	1
16600	1	0.73	0	208	1	0.084	0	11.7	1	6.8	1	12.8	1	21.6	1	10.3	1	0.07	1	0.79	0	1.5	0	6.88	1	47	1
9140	1	0.75	0	199	1	0.124	1	7.2	1	5.8	1	17.9	1	24.1	1	7.5	1	0.072	1	0.82	0	1.6	0	8.1	1	48.5	1
10500	1	0.66	0	171	1	0.09	1	7.4	1	4.6	1	8.3	1	17	1	6.9	1	0.066	1	0.72	0	1.4	0	8.4	1	30.8	1
12200	1	0.69	0	183	1	0.115	1	8.3	1	4.9	1	10.8	1	20.3	1	7.4	1	0.074	1	0.75	0	1.4	0	10.7	1	37.2	1
13000	1	0.2	1	207	1	0.121	1	11.1	1	7.2	1	7.2	1	14.6	1	9.9	1	0.014	0	1	1	0.57	0			32.2	1
21800	1	0.32	1	303	1	0.079	0	12.8	1	14.9	1	8.5	1	20.7	1	12.4	1	-8.00E-04	0	1.2	1	0.57	0			36.1	1
22400	1	0.27	1	290	1	0.141	1	11	1	6.7	1	8	1	17.9	1	11.6	1	0.0129	0	1.3	1	0.073	1			30.1	1
21500	1	0.27	1	272	1	0.177	1	12.2	1	6.5	1	8	1	16.1	1	11	1	0.0025	0	1.3	1	0.56	0			33	1
18300	1	0.21	1	231	1	0.068	0	11.9	1	6.5	1	8.2	1	15.1	1	10.2	1	0.0032	0	1.2	1	0.071	1			34.1	1
11700	1	0.26	1	242	1	0.169	1	10.7	1	6.7	1	8.8	1	15.1	1	8.7	1	0.0014	0	1.1	1	0.56	0			33.1	1
21500	1	0.23	1	282	1	0.207	1	11.9	1	6	1	7.8	1	16.6	1	10.4	1	0.007	0	1.2	1	0.069	1			34	1
21200	1	0.22	1	307	1	0.135	1	11.3	1	5.4	1	7.9	1	14.5	1	12	1	0.0129	0	1.2	1	0.072	1			30	1
20400	1	0.24	1	238	1	0.09	0	11.1	1	5.8	1	7.9	1	13.7	1	10.1	1	-0.0011	0	1.2	1	0.58	0			33.6	1
16900	1	0.22	1	209	1	0.216	1	9.7	1	4.6	1	7	1	12.5	1	9.2	1	0.013	0	0.94	1	0.57	0			26	1
23800	1	0.36	1	295	1	2.02	1	13.4	1	6.9	1	9.2	1	16.3	1	12.2	1	0.009	0	1.4	1	0.074	1			37.3	1
11000	1	0.24	1	157	1	3.28	1	10.4	1	5.2	1	6.8	1	10.8	1	7.5	1	0.0011	0	0.82	1	0.56	0			25.3	1
19800	1	0.34	1	216	1	0.321	1	12.6	1	5.4	1	11.9	1	21.9	1	10.6	1	0.0066	0	1.4	1	0.24	1			67.7	1
35100	1	0.29	1	403	1	1.05	1	14.4	1	6.5	1	9	1	19.6	1	14	1	0.0059	0	1.3	1	0.11	1			36.7	1
12600	1	0.22	1	219	1	1.69	1	10.1	1	7.2	1	8.4	1	18.4	1	9.1	1	0.018	0	1.1	1	0.096	1			37.7	1
15700	1	0.22	1	248	1	1.6	1	9.7	1	5.2	1	7.3	1	11.5	1	8.8	1	0.0061	0	1.2	1	0.55	0			74.8	1
11700	1	0.17	1	219	1	2.24	1	8.4	1	6	1	6.1	1	13	1	7.6	1	0.0158	0	0.89	1	0.6	0			28.1	1
15000	1	0.15	1	232	1	-0.005	0	10.3	1	6.9	1	7.2	1	12.9	1	9.1	1	0.0028	0	0.96	1	0.55	0			31.4	1
17400	1	0.24	1	239	1	-0.016	0	12.2	1	8.1	1	7.6	1	15.1	1	10.2	1	0.0012	0	1	1	0.56	0			32.6	1
12400	1	0.18	1	227	1	4.00E-04	0	9.7	1	8.1	1	6.7	1	15.9	1	9.2	1	-0.0037	0	1	1	0.57	0			29.4	1
9800	1	0.23	1	237	1	0.01	0	8.8	1	10.2	1	10.3	1	22	1	12.5	1	0.048	1	1	1	0.13	1			37.4	1
9330	1	0.19	1	183	1	0.011	0	9	1	7.6	1	6.6	1	14.1	1	8.4	1	0.0194	0	0.97	1	0.54	0			25.8	1
11200	1	0.38	1	176	1	0	0	9.2	1	6.7	1	11.4	1	16.1	1	9.1	1	0.061	1	1.2	1	0.13	1			34.9	1
10100	1	0.17	1	175	1	-0.013	0	8.4	1	6.6	1	5.8	1	13.6	1	7.6	1	0.027	0	0.86	1	0.57	0			24.4	1
9800	1	0.29	1	165	1	-0.025	0	9.7	1	5.3	1	9.2	1	12.6	1	9	1	0.026	0	1	1	0.2	1			31.1	1
10700	1	0.2	1	182	1	-0.03	0	8.2	1	5.9	1	5.6	1	15.7	1	7.2	1	0.0032	0	0.9	1	0.54	0			22.9	1
9320	1	0.15	1	164	1	-1.00E-05	0	7.9	1	5.5	1	6.4	1	13.2	1	6.8	1	0.0105	0	0.87	1	0.61	0			24.9	1
10800	1	0.15	1	203	1	-0.014	0	9.5	1	7.1	1	6.8	1	13.6	1	8.5	1	0.0022	0	0.99	1	0.54	0			26.1	1
9010	1	0.15	1	170	1	0.027	0	7.7	1	5.9	1	6.4	1	13.4	1	7	1	0.0194	0	0.85	1	0.59	0			25.8	1
10500	1	0.16	1	167	1	0	0	8.4	1	5.8	1	6	1	11.7	1	7.7	1	0.0012	0	0.83	1	0.55	0			25.8	1
7560	1	0.17	1	201	1	0	0	10.5	1	5.8	1	7.7	1	16.7	1	6.9	1	0.021	0	0.89	1	0.58	0			26.1	1
8840	1	0.19	1	183	1	0.083	0	7.5	1	5.7	1	5.4	1	12.9	1	7.1	1	0.0052	0	0.84	1	0.54	0			19.7	1
12300	1	0.29	1	192	1	0.073	0	9.8	1	7.1	1	9.8	1	16.4	1	9.9	1	0.0125	0	1.3	1	0.13	1			38.8	1
13300	1	0.25	1	230	1	2.00E-04	0	9.8	1	7.4	1	8.1	1	15.9	1	9.1	1	0.0059	0	1.1	1	0.16	1			33.3	1
12100	1	0.27	1	278	1	0	0	11.4	1	7.9	1	14.1	1	16.9	1	10.7	1	0.02	0	1.3	1	11.6	1			47.2	1
12500	1	0.3	1	216	1	-0.014	0	9.8	1	7.1	1	9	1	25.9	1	9.2	1	0.0306	1	0.97	1	0.12	1			37.3	1
5740	1	0.31	1	223	1	-0.014	0	5.3	1	7.6	1	8.3	1	31.4	1	6.5	1	0.0141	0	1.3	1	0.17	1			62.7	1
7140	1	0.16	1	88.7	1	0.339	1	6.5	1	2.7	1	16.8	1	10.6	1	19.6	1	0.031	0	1.1	1	0.12	1			56.5	1
9550	1	0.32	1	129	1	0.004	0	8.8	1	4.8	1	15.6	1	14.7	1	8.4	1	0.04	0	1.3	1	0.25	1			96	1
10300	1	0.34	1	155	1	0.272	1	10.2	1	5.9	1	11.1	1	14.8	1	9.2	1	0.035	1	1.2	1	0.19	1			43.5	1
9590	1	0.39	1	135	1	0.052	0	9.5	1	5.2	1	14.8	1	18	1	8.4	1	0.025	0	1.2	1	0.19	1			73	

15200	1	0.21	0	234	1	0.063	0	11.5	1	7.6	1	8.1	1	14.5	1	10.2	1	0.0026	0	1	1	0.54	0	35.7	1
13100	1	0.22	0	214	1	0.018	0	10.3	1	6.5	1	7	1	13.9	1	9.1	1	8.00E-04	0	1	1	0.58	0	30.9	1
15000	1	0.25	0	235	1	0.049	0	10.5	1	7.1	1	7.4	1	14.8	1	9.5	1	0.0077	0	0.98	1	0.56	0	32.5	1
18600	1	0.2	0	238	1	0.033	0	12.2	1	7.5	1	8.9	1	15.2	1	11	1	0.0146	0	1.2	1	0.59	0	38.9	1
15800	1	0.23	0	274	1	0.05	0	11.2	1	8.7	1	8	1	18.5	1	10.2	1	8.00E-04	0	1.1	1	0.064	1	35.2	1
9780	1	0.32	0	180	1	-6.00E-04	0	8.8	1	6.2	1	6.6	1	13.6	1	7.6	1	0.032	0	0.92	1	0.56	0	28.3	1
11500	1	0.19	0	219	1	0.061	0	9.2	1	7.2	1	7.1	1	14.3	1	8.9	1	0.0057	0	1.1	1	0.54	0	29.4	1
9330	1	0.24	0	165	1	-0.02	0	8.3	1	6.2	1	7.4	1	13.1	1	7.6	1	0.048	1	1	1	0.59	0	32.4	1
13300	1	0.2	0	186	1	0.072	0	11.4	1	7.9	1	7.8	1	13.4	1	9.9	1	0.0073	0	0.95	1	0.11	1	37	1
15100	1	0.27	0	207	1	0.072	0	9.6	1	5.5	1	6.7	1	13.1	1	8.9	1	-0.015	0	0.98	1	0.58	0	32.5	1
14200	1	0.27	0	195	1	0.266	1	12.4	1	6.9	1	9.4	1	13.5	1	9.8	1	0.0035	0	1.1	1	0.55	0	37.1	1
13800	1	0.21	0	200	1	0.116	0	10.8	1	6.6	1	7.7	1	14.5	1	8.8	1	0.0064	0	1.1	1	0.55	0	32.5	1
21400	1	0.25	0	276	1	0.146	1	12.1	1	6	1	7.9	1	16.6	1	10.8	1	0.019	0	1.2	1	0.57	0	33.5	1
11100	1	0.23	0	183	1	0.07	0	9.2	1	6.3	1	6.3	1	15.1	1	7.7	1	0.0126	0	1	1	0.56	0	30.5	1
21800	1	0.27	0	231	1	-0.012	0	13.5	1	8	1	8.8	1	16.8	1	12.3	1	0.0117	0	1.2	1	0.55	0	37.5	1
15800	1	0.27	0	174	1	0.047	0	10	1	5.4	1	18.6	1	16.6	1	9.6	1	0.0072	0	1.4	1	0.19	1	75.8	1
16900	1	0.25	0	260	1	0.04	0	10.9	1	8.1	1	8.2	1	18.5	1	9.6	1	-0.0061	0	1.1	1	0.064	1	33.2	1
11600	1	0.23	0	155	1	-0.006	0	9.6	1	6.3	1	6.6	1	11.9	1	8.1	1	0.0124	0	0.84	1	0.6	0	28.7	1
12100	1	0.17	0	168	1	0.017	0	7.2	1	3.5	1	4.4	1	7.6	1	7.7	1	0.0074	0	0.78	1	0.57	0	19.4	1
10800	1	0.096	1	178	1	-0.036	0	9.8	1	6.5	1	9	1	16.7	1	8.6	1	0.027	0	1.2	1	0.1	1	30.6	1
11500	1	0.18	1	189	1	-2.00E-04	0	10	1	8	1	9.2	1	14.9	1	9.4	1	-0.019	0	1.2	1	0.074	1	30.4	1
11700	1	0.3	1	194	1	0.04	0	11.1	1	6.6	1	14.8	1	20.6	1	10	1	-0.0012	0	1.1	1	0.22	1	270	1
13300	1	0.19	1	221	1	0.096	0	11.4	1	5.3	1	120	1	45.5	1	12.9	1	0.035	0	1.9	1	1.9	1	446	1
12100	1	0.63	0	189	1	-0.032	0	7.9	1	4.4	1	4.8	1	12.8	1	6.5	1	8.00E-04	0	0.87	1	0.052	1	19.7	1
12900	1	0.56	0	220	1	0.173	1	7.5	1	3.4	1	5.2	1	10.1	1	7.2	1	-0.0012	0	0.92	1	0.059	1	16.9	1
11400	1	0.089	1	143	1	0	0	10.8	1	6.9	1	8.8	1	17.1	1	11	1	0.015	0	1.5	1	0.086	1	33.4	1
11700	1	0.15	1	198	1	-0.012	0	10.6	1	7.3	1	8.3	1	17.3	1	9.6	1	0.0076	0	1.4	1	0.069	1	30.6	1
9990	1	0.11	1	189	1	0.002	0	8.9	1	6.6	1	8	1	16.7	1	7.9	1	-0.0021	0	1.2	1	0.055	1	29.8	1
11700	1	0.16	1	205	1	0.017	0	10.3	1	7.8	1	7.3	1	17.5	1	9.4	1	0.022	0	1.4	1	0.058	1	28.1	1
11800	1	0.092	1	201	1	-3.00E-06	0	9.8	1	7.7	1	7.1	1	16.8	1	8.7	1	-0.006	0	1.2	1	0.055	1	27.7	1
12600	1	0.093	1	220	1	0.021	0	10.8	1	7	1	7.3	1	16.4	1	9.1	1	-0.002	0	1	1	0.071	1	29.4	1
11800	1	0.13	1	143	1	-0.029	0	12.1	1	3.6	1	9.3	1	12.5	1	9.6	1	0.026	0	1.2	1	0.049	1	32.6	1
11800	1	0.12	1	187	1	0.025	0	8.5	1	5	1	6.8	1	13.9	1	8	1	-0.0011	0	1.1	1	0.079	1	25.4	1
7170	1	0.59	0	127	1	-0.01	0	7.7	1	6.1	1	5.3	1	13.2	1	6.8	1	0.018	0	0.92	1	0.039	1	19.1	1
13900	1	0.11	1	189	1	0	0	10.5	1	6.3	1	6.7	1	15.1	1	9.2	1	0.0092	0	1.3	1	0.051	1	26.5	1
7970	1	0.59	0	146	1	-0.002	0	5.8	1	3.4	1	4.6	1	9.9	1	5	1	0.0201	0	0.82	1	0.035	1	13.8	1
7400	1	0.074	1	116	1	0.074	0	4.9	1	2.5	1	4	1	5.6	1	4.9	1	0.0073	0	0.67	1	0.029	1	12.3	1
7890	1	0.67	0	155	1	-3.00E-04	0	5.6	1	3.1	1	4	1	10.9	1	5	1	-0.0017	0	0.74	1	0.04	1	14.8	1
10900	1	0.09	1	171	1	0.089	0	7.6	1	4.3	1	5.6	1	10.3	1	7.1	1	-0.0011	0	1.1	1	0.051	1	17.4	1
10500	1	0.16	1	171	1	0.168	0	9.7	1	7.1	1	8.7	1	16.7	1	8.6	1	0.0081	0	1.1	1	0.17	1	33	1
9010	1	0.097	1	185	1	0.098	0	8.3	1	7	1	6.2	1	17.3	1	7.4	1	0.0122	0	1	1	0.084	1	25	1
10200	1	0.2	1	204	1	0.044	0	9.8	1	9.7	1	11.2	1	33.8	1	10.3	1	0.133	1	1.5	1	0.12	1	36.5	1
10900	1	0.22	1	190	1	0.087	0	10.3	1	7.3	1	8.3	1	17.5	1	8.8	1	0.0034	0	1.4	1	0.079	1	29.3	1
8520	1	0.15	1	173	1	0.023	0	7.7	1	7.1	1	6.9	1	15.7	1	6.9	1	0.038	0	1	1	0.042	1	23.3	1
7600	1	0.28	1	133	1	0.226	1	10.2	1	6.3	1	8.7	1	11.1	1	6.4	1	0.014	0	0.96	1	0.028	1	24.7	1
11800	1	0.12	1	223	1	0.013	0	9.5	1	8	1	6.9	1	17.1	1	8.6	1	0.009	0	1.2	1	0.062	1	27.1	1
15700	1	0.14	1	236	1	0.059	0	10.8	1	7.1	1	7	1	16.3	1	9.4	1	0.0061	0	1.3	1	0.06	1	27.9	1
11200	1	0.11	1	189	1	-0.02	0	9.3	1	6.4	1	6.7	1	14.2	1	8.1	1	0.003	0	1.3	1	0.049	1	25.9	1
12400	1	0.16	1	221	1	0.025	0	10	1	7.3	1	7	1	16.6	1	8.8	1	0.0016	0	1.2	1	0.056	1	27.2	1
10100	1	0.15	1	182	1	-0.019	0	8.4	1	6.2	1	5.9	1	14.5	1	6.8	1	-0.0012	0	1.2	1	0.048	1	23.5	1
15400	1	0.11	1	252	1	0.226	1	10.1	1	7.1	1	6.4	1	16.7	1	9	1	-0.0319	0	1.2	1	0.061	1	24.4	1
10000	1	0.11	1	182	1	-0.006	0	9.6	1	6.8	1	9.1	1	17.1	1	8.3	1	0.083	1	1.4	1	0.059	1	31.2	1
9630	1	0.12	1	196	1	0.108	0	9.9	1	9.2	1	6.5	1	17.8	1	8.6	1	-0.0018	0	1.2	1	0.044	1	26.7	1
5850	1	0.1	1	97.6	1	0.004	0	6.1	1	3.9	1	6.7	1	12	1	4.9	1	0.107	1	1.2	1	0.046	1	25.4	1
8380	1	0.13	1	144	1	0.32	1	8.5	1	5.8	1	7.4	1	14.9	1	7.2	1	0.06	1	1.2	1	0.052	1	24.9	1
9740	1	0.13	1	188	1	-0.009	0	9.7	1	8.1	1	7.9	1	16.6	1	8.8	1	-0.0076	0	1.4	1	0.05	1	27.6	1
11600	1	0.13	1	196	1	0.235	1	10.3	1	7.9	1	7.1	1	15.6	1	9.2	1	-0.0012	0	1.3	1	0.056	1	28.3	1
8780	1	0.12	1	205	1	0.057	0	9.4	1	8.8	1	7.2	1	15.7	1	8.6	1	0.0192	0	1.3	1	0.041	1	27.5	1
10800	1	0.1	1	201	1	0.896	1	9.9	1	7.5	1	6.7	1	14.8	1	8.4	1	0.0172	0	1.1	1	0.046	1	27.5	1
10500	1	0.17	1	204	1	0.19	1	9.3	1	7	1	7.7	1	17.1	1	8.9	1	0.015	0	1.4	1	0.059	1	28.2	1
14300	1	0.16	1	239	1	0.093	0	10.2	1	9.3	1	7.5	1	17.4	1	11.3	1	-4.00E-04	0	1.4	1	0.061	1	27.8	1
8430	1	0.15	1	161	1	0	0	9.2	1	6.2	1	6.5	1	13.4	1	7.3	1	0.01	0	1.2	1	0.052	1	24.5	1
10700	1	0.14	1	180	1	0.018	0	10.3	1	7.3	1	6.4	1	17.1											

[illegible]