

1	H	Hydrogen	0.99212	19.2	8.375E-05
2	He	Helium	0.49968	41.8	1.663E-04
3	Li	Lithium	0.43221	40	5.340E-01
4	Be	Beryllium	0.44384	63.7	1.848E+00
5	B	Boron	0.46245	76	2.370E+00
6	C	Carbon	0.49954	78	1.700E+00
7	N	Nitrogen	0.49976	82	1.165E-03
8	O	Oxygen	0.50002	95	1.332E-03
9	F	Fluorine	0.47372	115	1.580E-03
10	Ne	Neon	0.49555	137	8.385E-04
11	Na	Sodium	0.47847	149	9.710E-01
12	Mg	Magnesium	0.49373	156	1.740E+00
13	Al	Aluminum	0.48181	166	2.699E+00
14	Si	Silicon	0.49848	173	2.330E+00
15	P	Phosphorus	0.48428	173	2.200E+00
16	S	Sulfur	0.49897	180	2.000E+00
17	Cl	Chlorine	0.47951	174	2.995E-03
18	Ar	Argon	0.45059	188	1.662E-03
19	K	Potassium	0.48595	190	8.620E-01
20	Ca	Calcium	0.49903	191	1.550E+00
21	Sc	Scandium	0.46712	216	2.989E+00
22	Ti	Titanium	0.45948	233	4.540E+00
23	V	Vanadium	0.4515	245	6.110E+00
24	Cr	Chromium	0.46157	257	7.180E+00
25	Mn	Manganese	0.45506	272	7.440E+00
26	Fe	Iron	0.46556	286	7.874E+00
27	Co	Cobalt	0.45815	297	8.900E+00
28	Ni	Nickel	0.47708	311	8.902E+00
29	Cu	Copper	0.45636	322	8.960E+00
30	Zn	Zinc	0.45879	330	7.133E+00
31	Ga	Gallium	0.44462	334	5.904E+00
32	Ge	Germanium	0.44071	350	5.323E+00
33	As	Arsenic	0.44046	347	5.730E+00
34	Se	Selenium	0.4306	348	4.500E+00
35	Br	Bromine	0.43803	343	7.072E-03
36	Kr	Krypton	0.42959	352	3.478E-03
37	Rb	Rubidium	0.43291	363	1.532E+00
38	Sr	Strontium	0.43369	366	2.540E+00
39	Y	Yttrium	0.43867	379	4.469E+00
40	Zr	Zirconium	0.43848	393	6.506E+00
41	Nb	Niobium	0.4413	417	8.570E+00
42	Mo	Molybdenum	0.43777	424	1.022E+01
43	Tc	Technetium	0.43919	428	1.150E+01
44	Ru	Ruthenium	0.43534	441	1.241E+01
45	Rh	Rhodium	0.43729	449	1.241E+01
46	Pd	Palladium	0.43225	470	1.202E+01
47	Ag	Silver	0.43572	470	1.050E+01

48 Cd	Cadmium	0.427	469	8.650E+00
49 In	Indium	0.42676	488	7.310E+00
50 Sn	Tin	0.4212	488	7.310E+00
51 Sb	Antimony	0.41889	487	6.691E+00
52 Te	Tellurium	0.40752	485	6.240E+00
53 I	Iodine	0.41764	491	4.930E+00
54 Xe	Xenon	0.4113	482	5.485E-03
55 Cs	Cesium	0.41383	488	1.873E+00
56 Ba	Barium	0.40779	491	3.500E+00
57 La	Lanthanum	0.41035	501	6.154E+00
58 Ce	Cerium	0.41395	523	6.657E+00
59 Pr	Praseodymium	0.41871	535	6.710E+00
60 Nd	Neodymium	0.41597	546	6.900E+00
61 Pm	Promethium	0.42094	560	7.220E+00
62 Sm	Samarium	0.41234	574	7.460E+00
63 Eu	Europium	0.41457	580	5.243E+00
64 Gd	Gadolinium	0.40699	591	7.900E+00
65 Tb	Terbium	0.409	614	8.229E+00
66 Dy	Dysprosium	0.40615	628	8.550E+00
67 Ho	Holmium	0.40623	650	8.795E+00
68 Er	Erbium	0.40655	658	9.066E+00
69 Tm	Thulium	0.40844	674	9.321E+00
70 Yb	Ytterbium	0.40453	684	6.730E+00
71 Lu	Lutetium	0.40579	694	9.840E+00
72 Hf	Hafnium	0.40338	705	1.331E+01
73 Ta	Tantalum	0.40343	718	1.665E+01
74 W	Tungsten	0.4025	727	1.930E+01
75 Re	Rhenium	0.40278	736	2.102E+01
76 Os	Osmium	0.39958	746	2.257E+01
77 Ir	Iridium	0.40058	757	2.242E+01
78 Pt	Platinum	0.39984	790	2.145E+01
79 Au	Gold	0.40108	790	1.932E+01
80 Hg	Mercury	0.39882	800	1.355E+01
81 Tl	Thallium	0.39631	810	1.172E+01
82 Pb	Lead	0.39575	823	1.135E+01
83 Bi	Bismuth	0.39717	823	9.747E+00
84 Po	Polonium	0.40195	830	9.320E+00
85 At	Astatine	0.40479	825	1.000E+01
86 Rn	Radon	0.38736	794	9.066E-03
87 Fr	Francium	0.3901	827	1.000E+01
88 Ra	Radium	0.38934	826	5.000E+00
89 Ac	Actinium	0.39202	841	1.007E+01
90 Th	Thorium	0.38787	847	1.172E+01
91 Pa	Protactinium	0.39388	878	1.537E+01
92 U	Uranium	0.38651	890	1.895E+01