

Wavelengths (in Å* units) and Energies (in keV) of Some Characteristic
Emission Lines and Absorption Edges

Element	E(K α) (keV)	K α_2 strong	K α_1 very strong	K β_1 weak	K edge	L α_1	L III edge
1 H							
2 He							
3 Li	0.05		228		226.5		
4 Be	0.11		114		111		
5 B	0.18		67.6				
6 C	0.28		44.7		43.68		
7 N	0.39		31.6		30.99		
8 O	0.52		23.62		23.32		
9 F	0.68		18.32				
10 Ne	0.85		14.610	14.452	14.3018		
11 Na	1.04		11.9101	11.575	11.569		405
12 Mg	1.25		9.8900	9.521	9.5122		250.7
13 Al	1.49	8.34173	8.33934	7.960	7.94813		170.4
14 Si	1.74	7.12791	7.12542	6.753	6.738		123
15 P	2.01	6.160	6.157	5.796	5.784		94
16 S	2.31	5.37496	5.37216	5.0316	5.0185		
17 Cl	2.62	4.7307	4.7278	4.4034	4.3971		
18 A	2.96	4.19474	4.19180	3.8860	3.87090		
19 K	3.31	3.7445	3.7414	3.4539	3.4365		42.1
20 Ca	3.69	3.36166	3.35839	3.0897	3.0703	36.33	35.49
21 Sc	4.09	3.0342	3.0309	2.7796	2.762	31.35	
22 Ti	4.51	2.75216	2.74851	2.51391	2.49734	27.42	27.29
23 V	4.95	2.50738	2.50356	2.28440	2.2691	24.25	
24 Cr	5.41	2.293606	2.28970	2.08487	2.07020	21.64	20.7
25 Mn	5.90	2.10578	2.101820	1.91021	1.89643	19.45	
26 Fe	6.40	1.939980	1.936042	1.75661	1.74346	17.59	17.525
27 Co	6.93	1.792850	1.788965	1.62079	1.60815	15.972	15.915
28 Ni	7.47	1.661747	1.657910	1.500135	1.48807	14.561	14.525
29 Cu	8.04	1.544390	1.540562	1.392218	1.38059	13.336	13.288
30 Zn	8.63	1.439000	1.435155	1.29525	1.2834	12.254	12.131