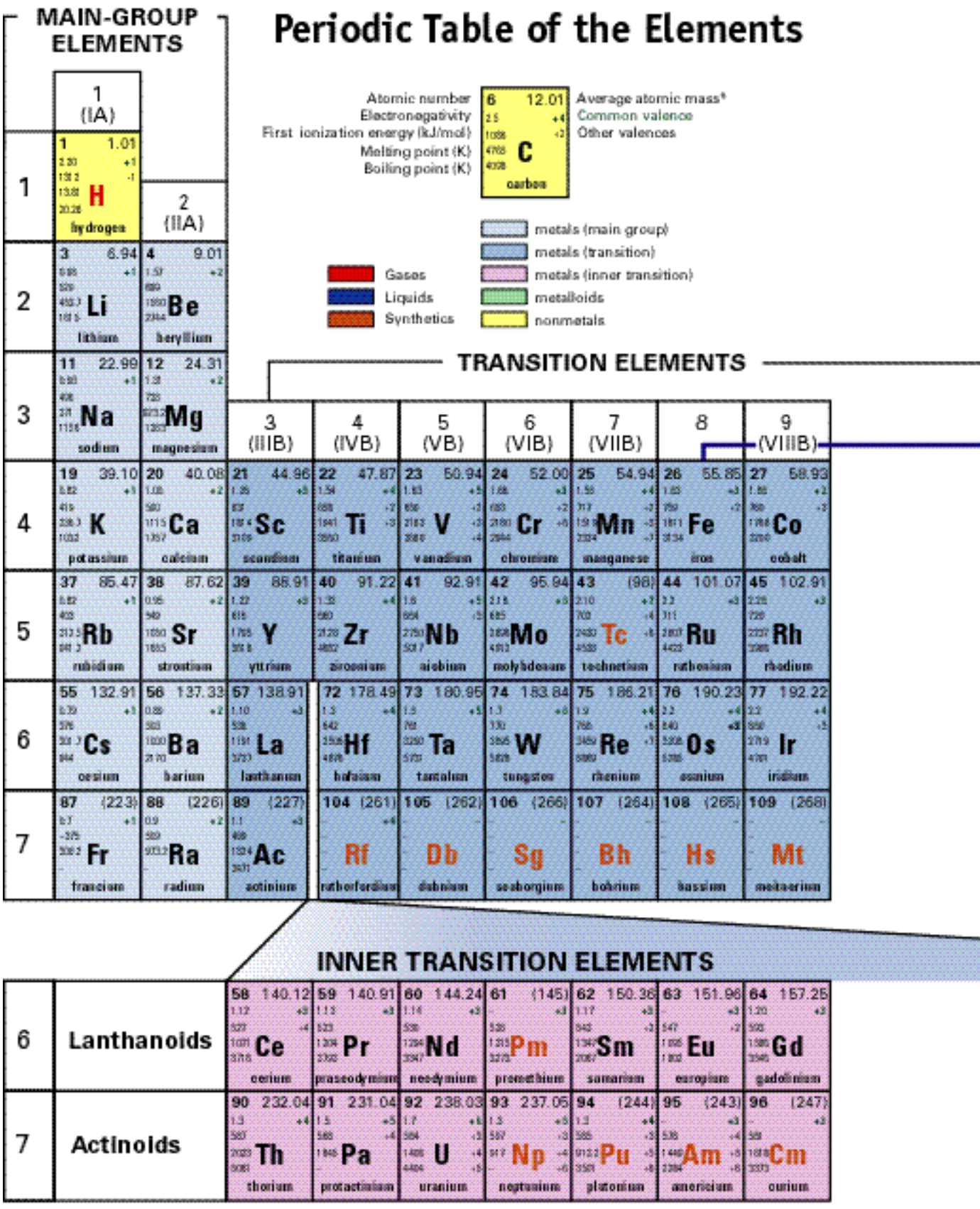
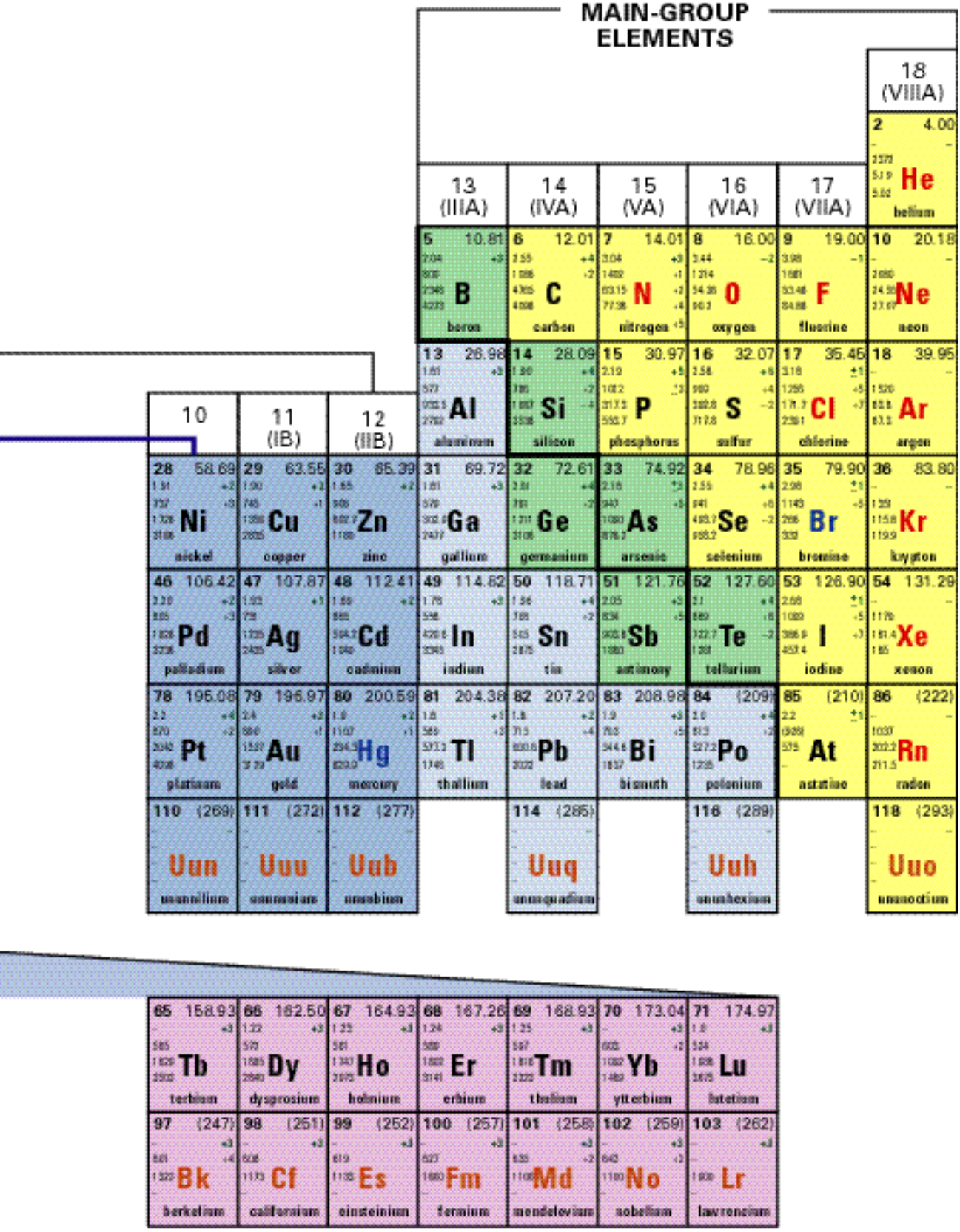
Appendix C



*Average atomic mass data in brackets indicate atomic mass of most stable isotope of the element.
Data obtained from *The CRC Handbook of Chemistry and Physics*, 81st Edition


MAIN-GROUP ELEMENTS
18 (VIIIA)
13 (IIIA)
14 (IVA)
15 (VA)
16 (VIA)
17 (VIIA)
10
11 (IB)
12 (IIB)
2 4.00 He helium
5 10.81 B boron
6 12.01 C carbon
7 14.01 N nitrogen
8 16.00 O oxygen
9 19.00 F fluorine
10 20.18 Ne neon
13 26.98 Al aluminum
14 28.09 Si silicon
15 30.97 P phosphorus
16 32.07 S sulfur
17 35.45 Cl chlorine
18 39.95 Ar argon
28 58.69 Ni nickel
29 63.55 Cu copper
30 65.39 Zn zinc
31 69.72 Ga gallium
32 72.61 Ge germanium
33 74.92 As arsenic
34 78.96 Se selenium
35 79.90 Br bromine
36 83.80 Kr krypton
46 106.42 Pd palladium
47 107.87 Ag silver
48 112.41 Cd cadmium
49 114.82 In indium
50 118.71 Sn tin
51 121.76 Sb antimony
52 127.60 Te tellurium
53 126.90 I iodine
54 131.29 Xe xenon
78 195.08 Pt platinum
79 196.97 Au gold
80 200.59 Hg mercury
81 204.38 Tl thallium
82 207.20 Pb lead
83 208.98 Bi bismuth
84 (209) Po polonium
85 (210) At astatine
86 (222) Rn radon
110 (269) Uun ununnilium
111 (272) Uuu unununium
112 (277) Uub ununbium
114 (285) Uuq ununquadium
116 (289) Uuh ununhexium
118 (293) Uuo ununoctium
65 158.93 Tb terbium
66 162.50 Dy dysprosium
67 164.93 Ho holmium
68 167.26 Er erbium
69 168.93 Tm thulium
70 173.04 Yb ytterbium
71 174.97 Lu lutetium
97 (247) Bk berkelium
98 (251) Cf californium
99 (252) Es einsteinium
100 (257) Fm fermium
101 (258) Md mendelevium
102 (259) No nobelium
103 (262) Lr lawrencium