

-	6.00		140.9	144.2	146.9	150.4	152.0	157.3	158.9	162.5	164.9	167.3	168.9	173.0	175.0
	3. 1.1	4,3	4,3	3.	1.1	3,2	3,2	1.1	4,3	1.1	1.1	1.1	3,2	3,2	3.1.1
	57 La	22	3 Ce 59 Pr	PN 09	61 Pm	1 Pm 62 Sm	63 Eu	63 Eu 64 Gd	65 Tb	66 Dy	67 Ho	68 Er	68 Er 69 Tm	70 Yb	71 Lu
	Lanthan	Cer	Praseodym	Neodym	Promethium	Samarium	Europium	Gadolinium	Terbium	Dysprosium	Holmium	Erbium	Thulium	Ytterbium	Lutetium
	6.16 920	920 6.77 798	3 6.48 931	7.00 1010	7.22 1080	1080 7.54 1072	5.25 822	7.89 1311 8.25	8.25 1360	8.56 1409	1360 8.56 1409 8.78 1470 9.05	9.05 1522	1522 9.32 1545 6.97 824 9.84	6.97 824	9.84 1656

Lawrencium

Nobelium

103 Lr

102 No

101 Md Mendelevium

100 Fm

99 ES Einsteinium

98 **Cf**

97 **BK**

96 Cm

95 Am

94 **Pu**

93 Np

92 **U**

91 **Pa**

90 **Th**

89 Ac

7

5,5,4,3

6,5,4,3

6,5,4,3

5,5,4,3

238.0

Fermium

Californium

Berkelium

Curium

Americium

Plutonium

986

13.25

1340

13.51

994

13.67

641

640

20.48

18.97 1132.3

1554

1750

11.72

1050

Uranium

Protactinium

Thorium

Actinium