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	138,9055 [Xe]5d ¹ 6s ²	140,116 [Xe]4f ² 6s ²	140,90765 [Xe]4f ³ 6s ²	144,24 [Xe]4f ⁴ 6s ²	[145] [Xe]4f ⁵ 6s ²	150,36 [Xe]4f ⁶ 6s ²	151,964 [Xe]4f ⁷ 6s ²	157,25 [Xe]4f ⁷ 5d ¹ 6s ²	158,92534 [Xe]4f ⁹ 6s ²	162,50 [Xe]4f ¹⁰ 6s ²	164,93032 [Xe]4f ¹¹ 6s ²	167,26 [Xe]4f ¹² 6s ²	168,93421 [Xe]4f ¹³ 6s ²	173,04 [Xe]4f ¹⁴ 6s ²	174,967 [Xe]4f ¹⁴ 5d ¹ 6s ²
6	57 La	58 Ce	59 P r	60 Nd	61 Pm	62Sm	63 Eu	64Gd	65 Tb	66Dy	67 HO	68 Er	69 Tm	70 Yb	71Lu
	920 1.									3 1 1406 9 2335 5.9					3 1656 1.1 3315 5.4
	Lanthan	Cer	Praseodym	Neodym	Promethium	Samarium	Europium	Gadolinium	Terbium	Dysprosium	Holmium	Erbium	Thulium	Ytterbium	Lutetium
	[227] [Rn]6d ¹ 7s ²	[232] [Rn]6d ² 7s ²	[231] [Rn]5f ² 6d ¹ 7s ²	[238] [Rn]5f ³ 6d ¹ 7s ²	[237] [Rn]5f ⁴ 6d ¹ 7s ²	[244] [Rn]5f ⁶ 7s ²	[243] * [Rn]5f ⁷ 7s ²	[247] * [Rn]5f ⁷ 6d ¹ 7s ²	[247] [Rn]5f ⁹ 7s ²	[251] ' [Rn]5f ¹⁰ 7s ²	[252] * [Rn]5f ¹¹ 7s ²	[257] * [Rn]5f ¹² 7s ²	[258] * [Rn]5f ¹³ 7s ²	[259] * [Rn]5f ¹⁴ 7s ²	[262] * [Rn]5f ¹⁴ 6d ¹ 7s ²
7	89 Ac	90 Th	91 Pa	92 U	93 Np	94 Pu	95 A m	96 Cm	97 BK	98 Cf	99 Es	100 Fm	101 Md	102 NO	103 L r
	3 1047 1.	.0 1750 1.1	4, 5 1554 1.1	3,4,5, 6 1132 1.2	3,4,5,6 640 1.2	3,4,5,6 641 1.2	3,4,5,6 994 ~1.2	3,4 1340 ~1.2	3,4 986 ~1.1	3,4 2 900 ~1.2	3 2 860 ~1.2	3 ~1.2	3 ~1.2	2,3	3
			4030 -	3818 6.1	3902 Neptunium		2607 6.0	3100	Berkelium	Californium	Einsteinium	Fermium	Mendelevium	Nobelium	Lawrencium