



Gd 64

GADOLINIUM

157.2 ₅	5.4*10 ⁻⁴	1.79
7.895	4f ⁷ 5d ¹ 6s ²	8.99
b 	+3	1.15
a 	+2	0.92
	+1	

1. **b**La(**b**),**b**Y(**b**),**a**Y(**a**)
2. **Al**,**Cr**,**Cu**,**Fe**,**H**,**La**(**a**),**Ni**,**Si**,**Ta**,
Ti,**V**,**Zr**
3. **Ce**,**Cr**,**Fe**,**Hg**,**a**La,**Mg**,**Ni**,**Ta**,**Ti**,
U,**V**,**Zr**
4. **H**,**Fe**,**Mg**,**Mn**,**N**,**Ni**,**Ag**,**Al**,**As**,
Au,**B**,**Bi**,**C**,**Cd**,**Co**,**Cu**,**Ga**,**Ge**,**In**,**Ir**,
Mg,**Mn**,**N**,**O**,**Os**,**P**,**Pb**,**Pd**,**Pt**,**Rh**,
Ru,**S**,**Sb**,**Se**,**Si**,**Te**,**Ti**,**Zn**
5. **Al**,**Co**,**Cr**,**Cu**,**Fe**,**Mg**,**Ni**,**Se**,**Si**,
Ti,**Zr**
6. -

GdH_{1.8-2.3} 

GdH_{2.85-3} 