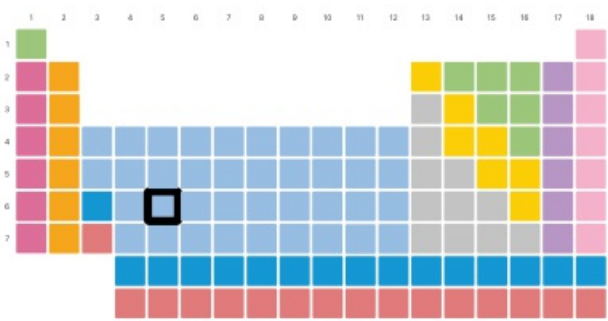


Tantalum

Transition Metal

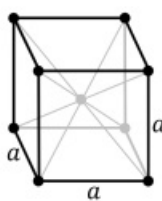


Symbol	Atomic number	Atomic weight (amu)
Ta	73	180.94
Atomic radius (pm)	Melting Point (K)	Boiling Point (K)
200	3290	5731

Phase - Solid



Crystal Structure



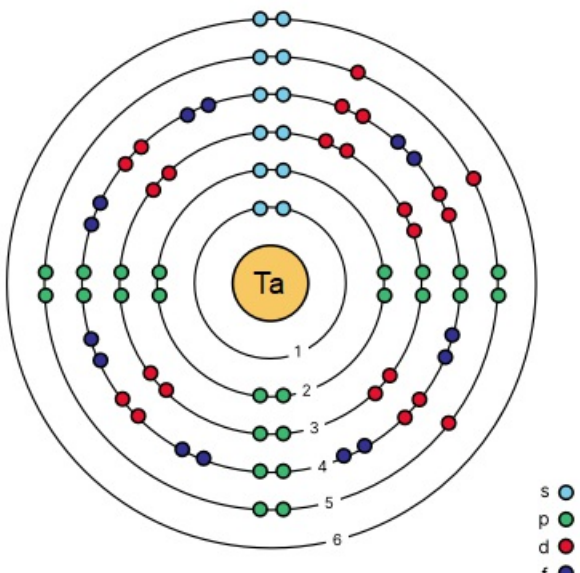
Body Centered Cubic

History

The element Tantalum was discovered by G. Ekeberg in year 1802 in Sweden . Tantalum was first isolated by in . Tantalum derived its name from King Tantalus, father of Niobe from Greek mythology.

Appearance

gray blue



[Xe] 4f¹⁴ 5d³ 6s²
[2, 8, 18, 32, 11, 2]

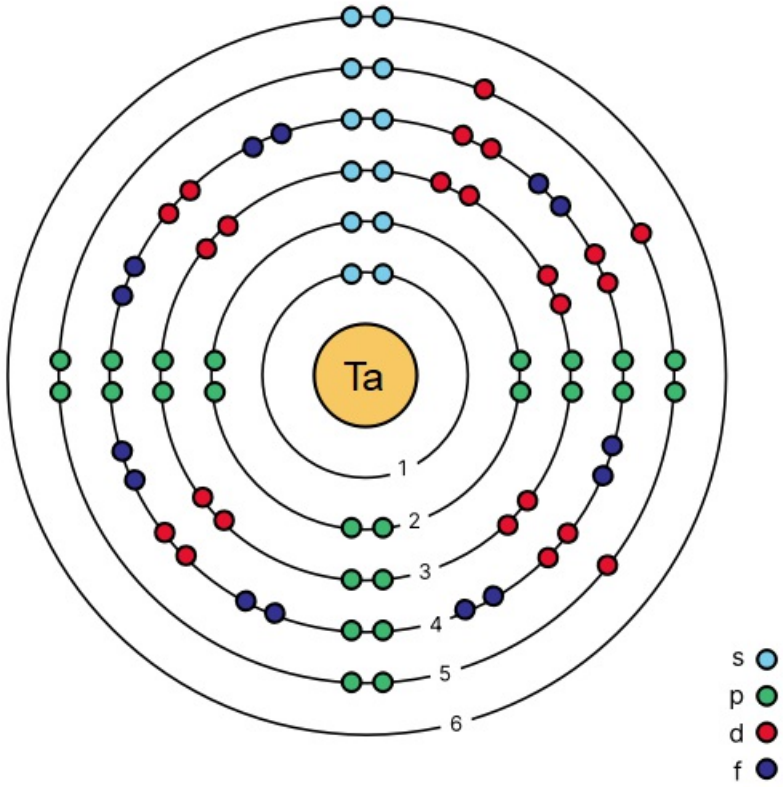
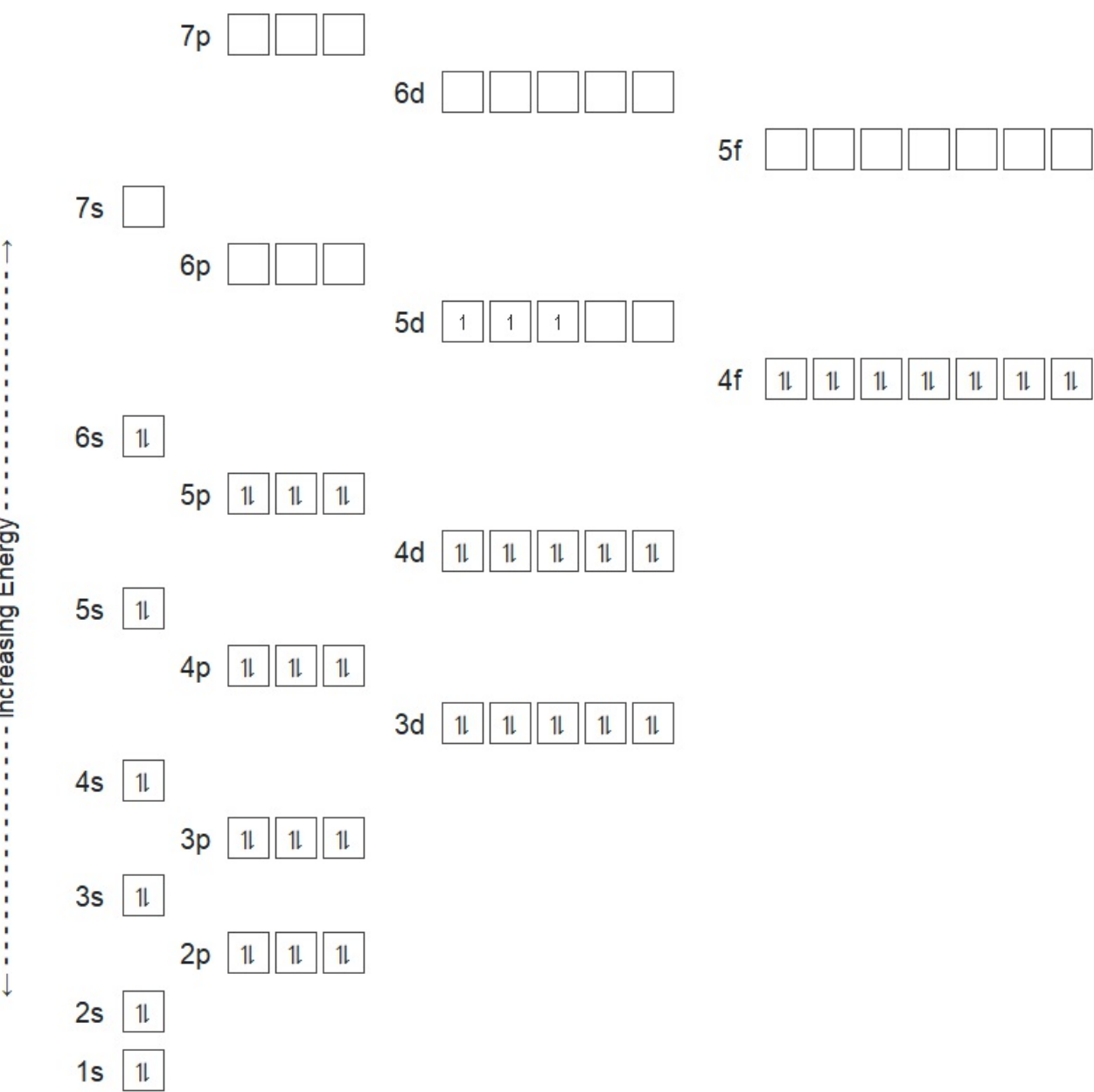
SCHOOLMYKIDS

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Tantalum

Transition Metal

Electronic Configuration



[Xe] 4f¹⁴ 5d³ 6s²
[2, 8, 18, 32, 11, 2]

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