

Thorium

Actinide

Symbol

Th

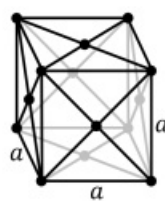
Atomic radius (pm)

180

Phase - Solid



Crystal Structure



Face Centered Cubic

Atomic number

90

Melting Point (K)

2023

History

The element Thorium was discovered by J. Berzelius in year 1829 in Sweden . Thorium was first isolated by D. Lely, Jr. and L. Hamburger in 1914 . Thorium derived its name from Thor, the Scandinavian god of thunder.

Appearance

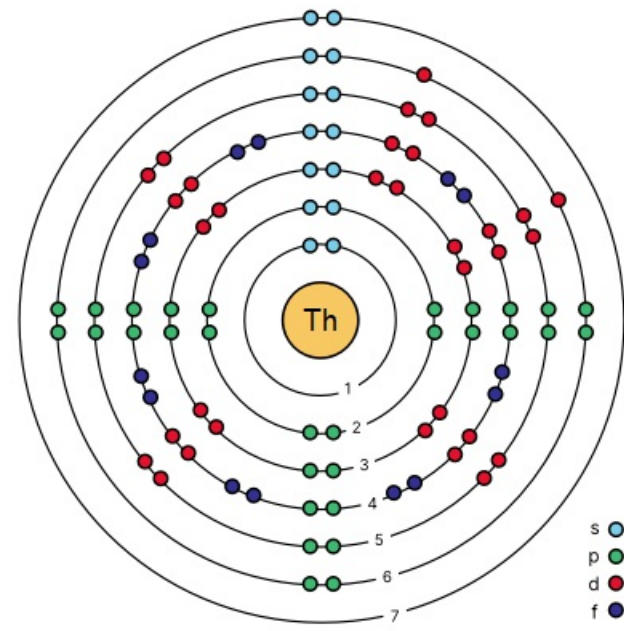
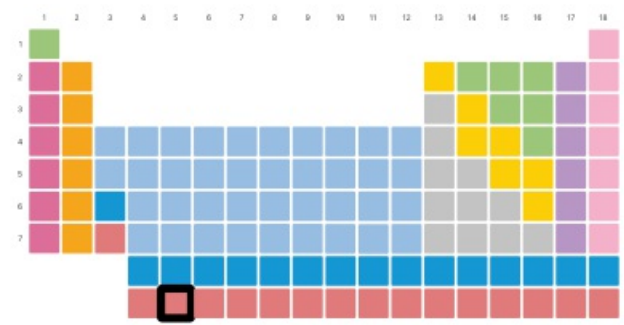
silvery, often with black tarnish

Atomic weight (amu)

232.03

Boiling Point (K)

5093



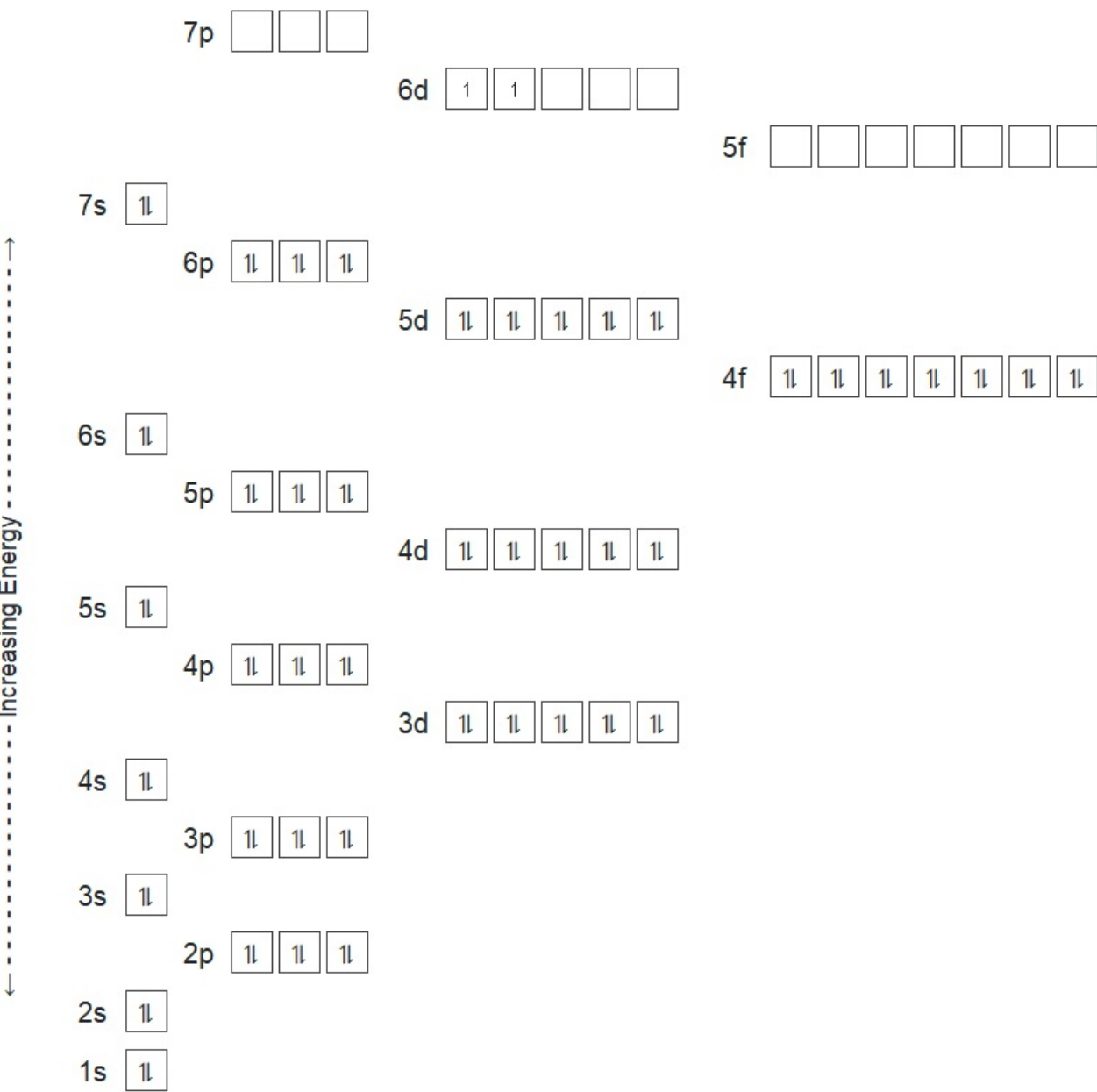
[Rn] 6d² 7s²
[2, 8, 18, 32, 18, 10, 2]

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Electronic Configuration



90232.0381

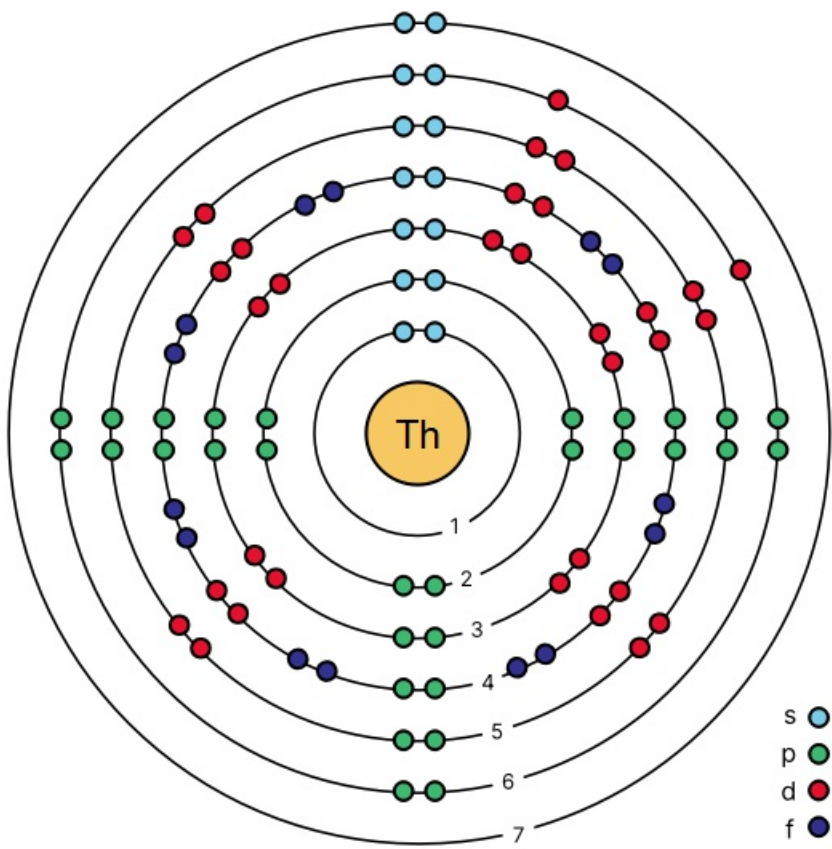
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Thorium

[Rn] 6d² 7s²

Solid

Face Centered Cubic



[Rn] 6d² 7s²
[2, 8, 18, 32, 18, 10, 2]

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