

Neodymium

Lanthanide

Symbol

Nd

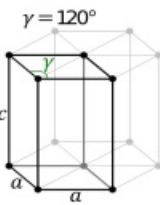
Atomic radius (pm)

206

Phase - Solid



Crystal Structure



Simple Hexagonal

Atomic number

60

Melting Point (K)

1294

History

The element Neodymium was discovered by C. A. von Welsbach in year 1885 in Austria . Neodymium was first isolated by in . Neodymium derived its name from the Greek neos didymos meaning 'new twin'.

Appearance

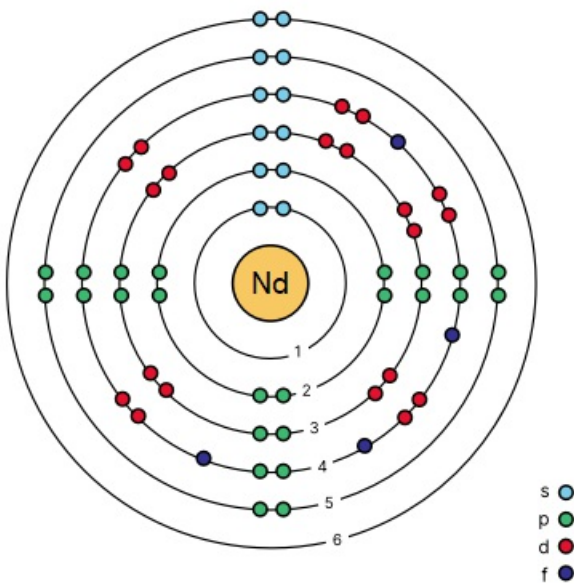
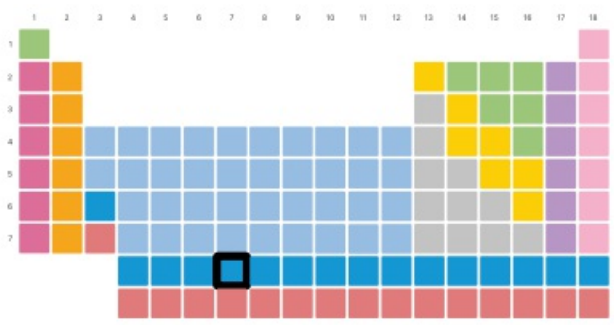
silvery white

Atomic weight (amu)

144.24

Boiling Point (K)

3373



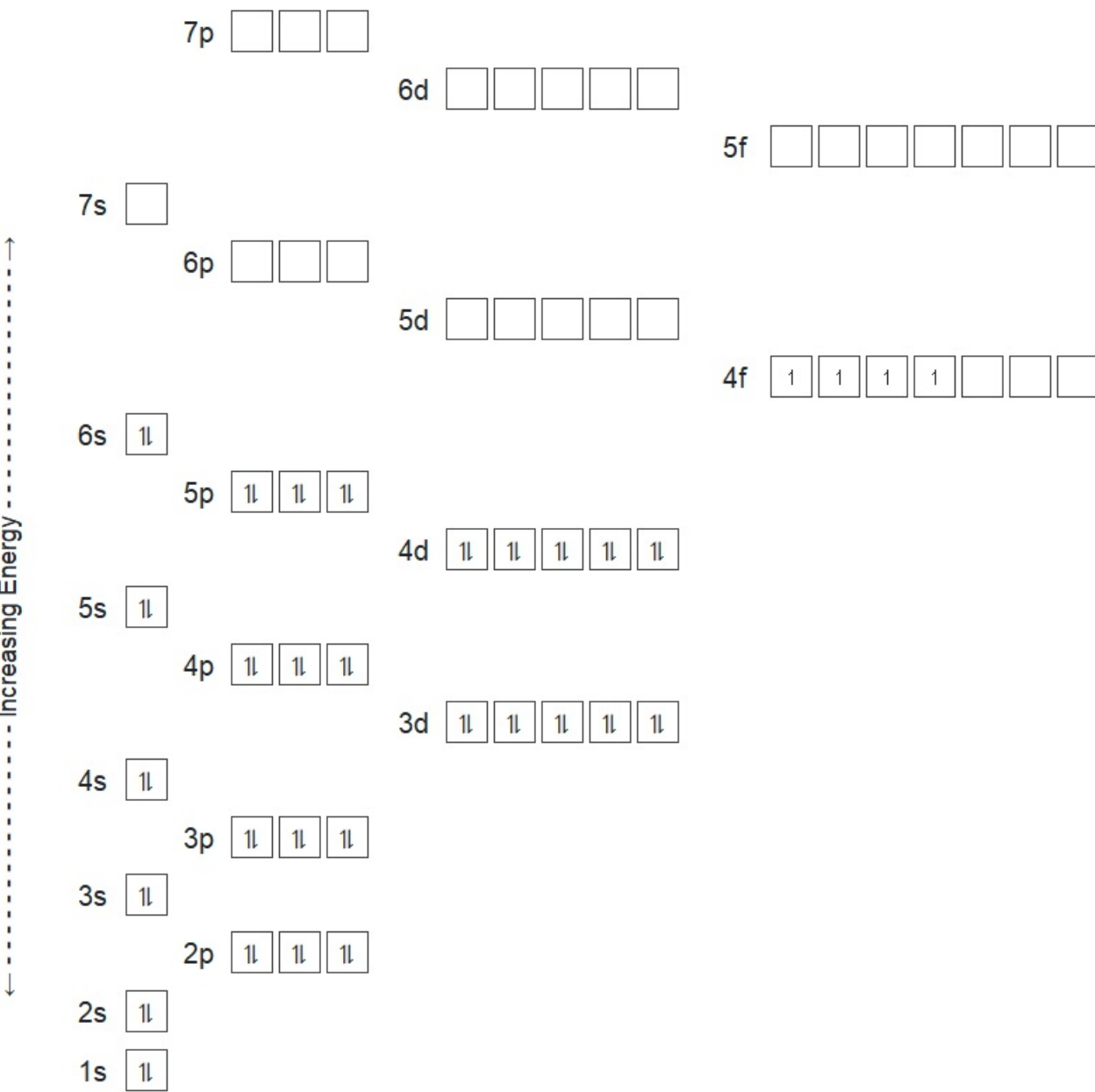
[Xe] 4f4 6s2
[2, 8, 18, 22, 8, 2]

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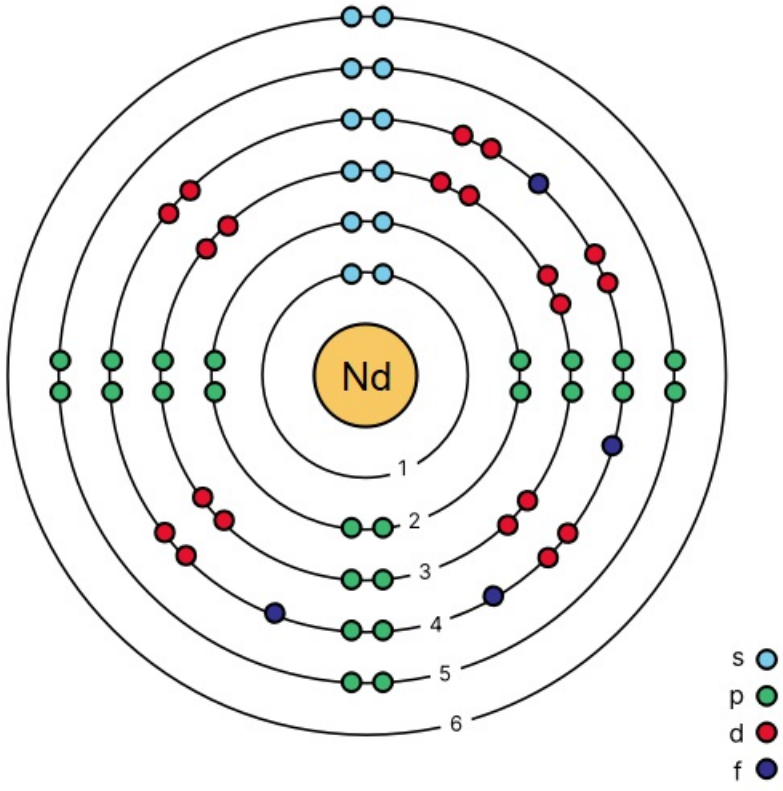
Neodymium

Lanthanide

Electronic Configuration



60 144.24
Nd
Neodymium
[Xe] 4f4 6s2
Solid
Simple Hexagonal



[Xe] 4f4 6s2
[2, 8, 18, 22, 8, 2]

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