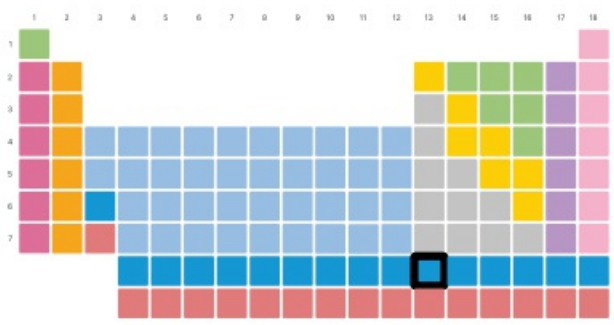


Dysprosium

Lanthanide



Symbol

Dy

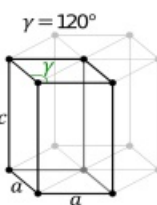
Atomic radius (pm)

228

Phase - Solid



Crystal Structure



Simple Hexagonal

Atomic number

66

Melting Point (K)

1685

History

The element Dysprosium was discovered by P.E.L. de Boisbaudran in year 1886 in France . Dysprosium was first isolated by in . Dysprosium derived its name from the Greek dysprositos, meaning 'hard to get'.

Appearance

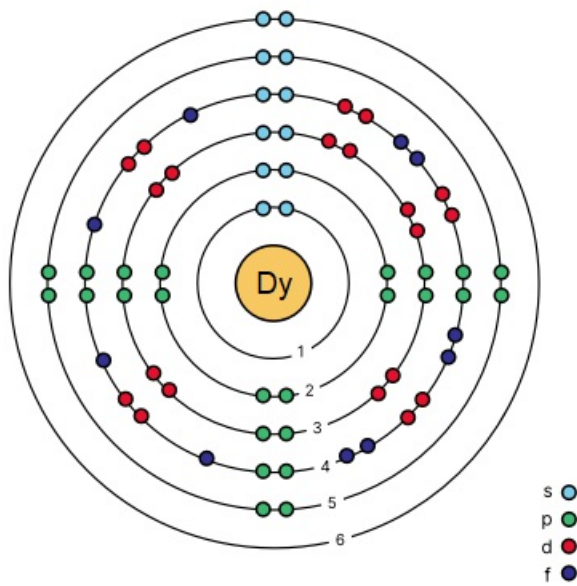
silvery white

Atomic weight (amu)

162.5

Boiling Point (K)

2840



[Xe] 4f¹⁰ 6s²
[2, 8, 18, 28, 8, 2]

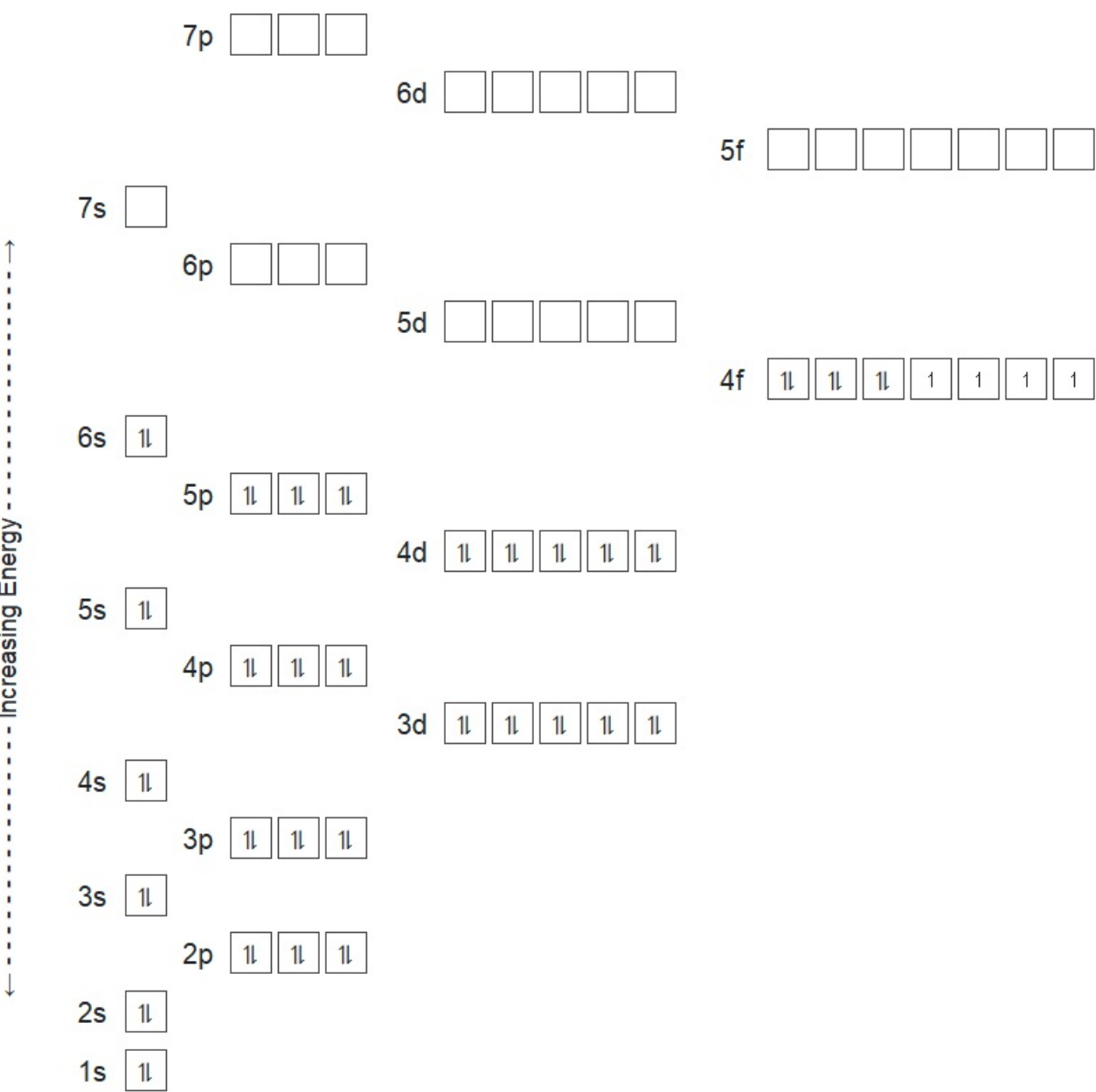
SCHOOLMYKIDS

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Dysprosium

Lanthanide

Electronic Configuration



66

162.5

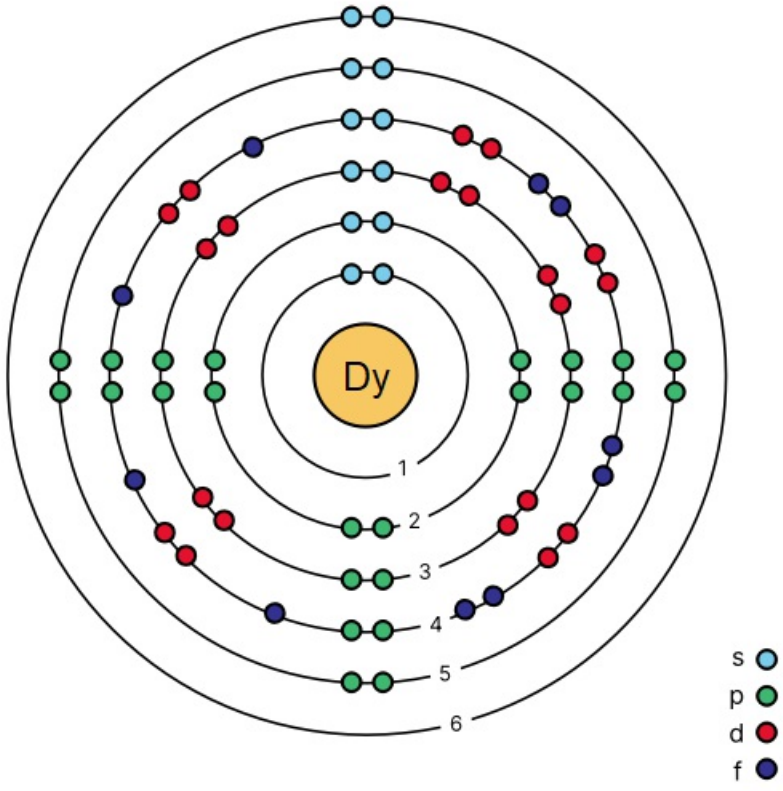
Dy

Dysprosium

[Xe] 4f¹⁰ 6s²

Solid

Simple Hexagonal



[Xe] 4f¹⁰ 6s²
[2, 8, 18, 28, 8, 2]

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