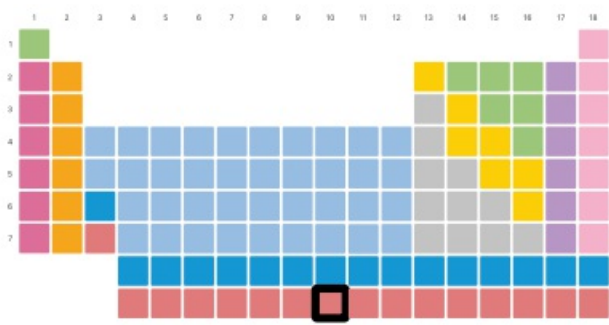


# Americium

## Actinide



Symbol

Am

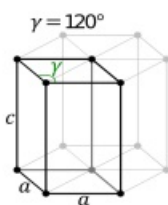
Atomic radius (pm)

175

Phase - Solid



Crystal Structure



Simple Hexagonal

Atomic number

95

Melting Point (K)

1449

History

The element Americium was discovered by G. T. Seaborg, R. A. James, O. Morgan and A. Ghiorso in year 1944 in United States . Americium was first isolated by in . Americium derived its name from The Americas, as the element was first synthesized on the continent, by analogy with europium.

Appearance

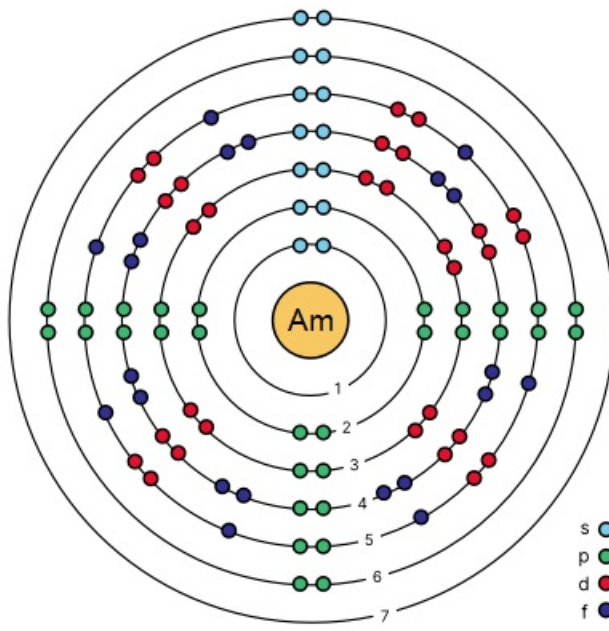
silvery white

Atomic weight (amu)

243

Boiling Point (K)

2284



[Rn] 5f<sup>7</sup> 7s<sup>2</sup>  
[2, 8, 18, 32, 25, 8, 2]

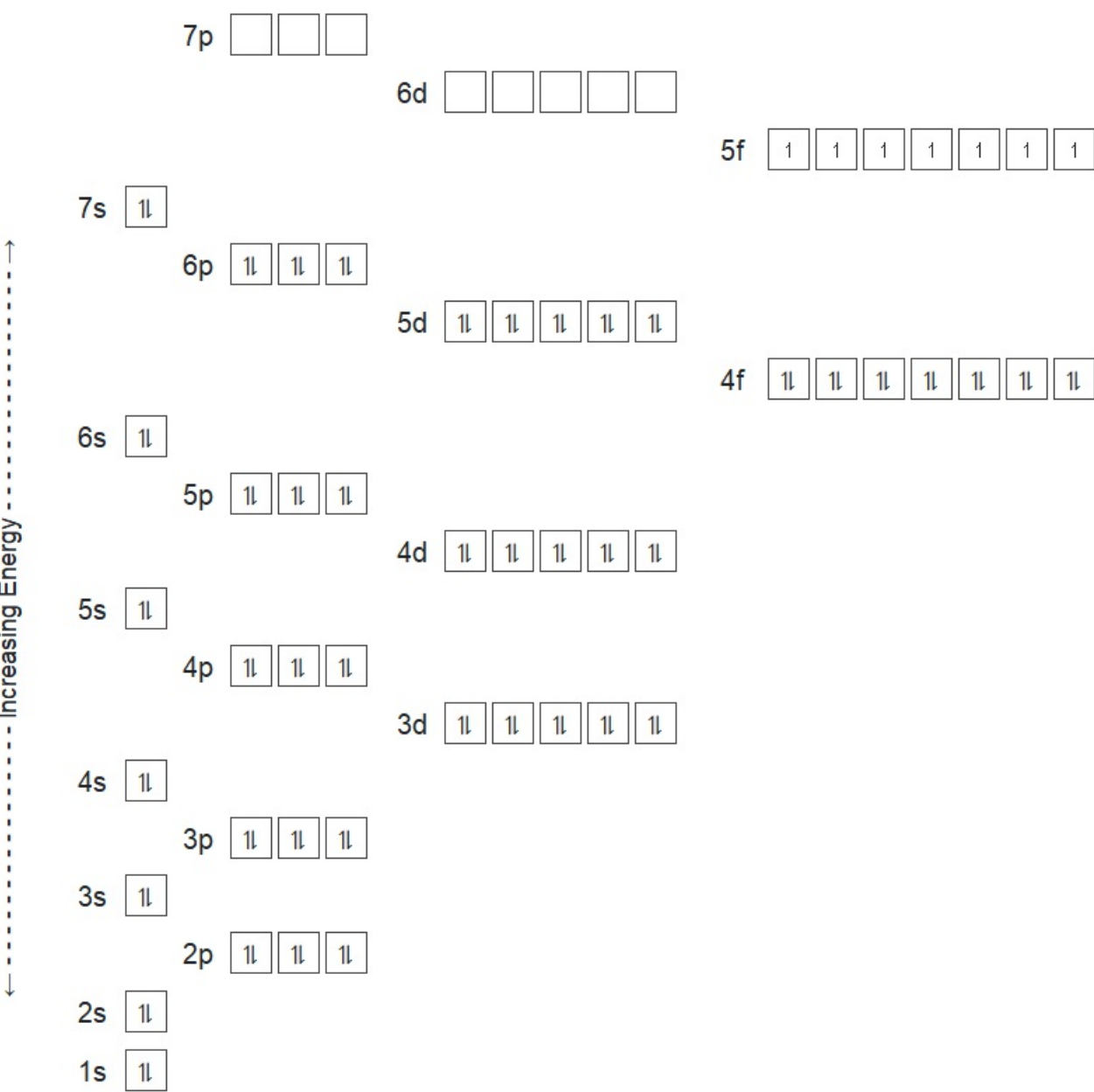
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# Americium

## Actinide

Electronic Configuration



95

243

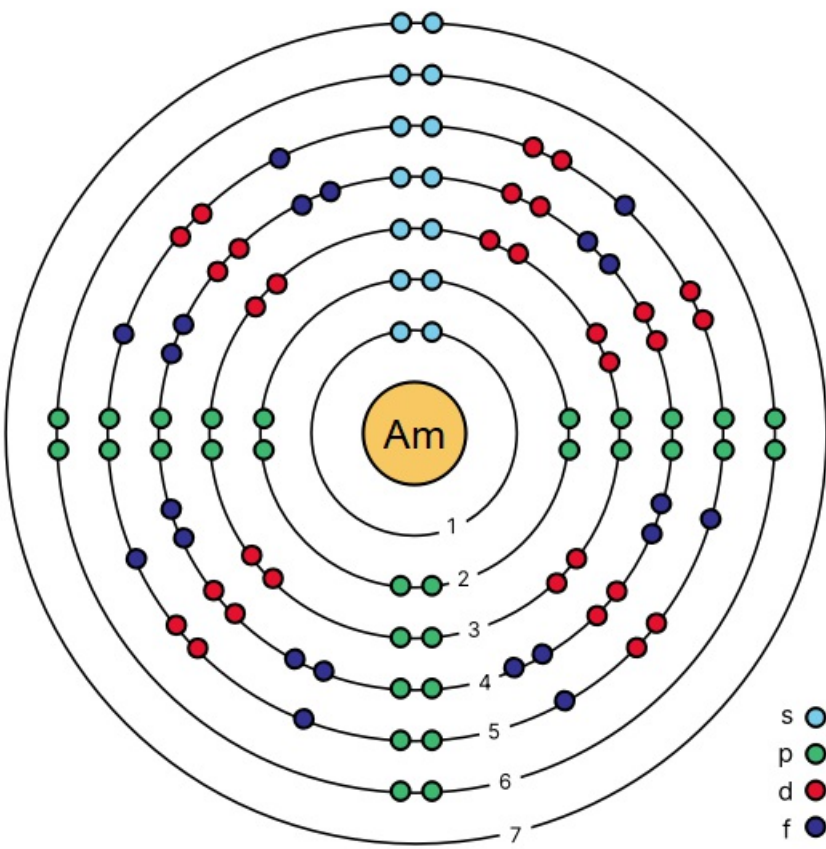
Am

Americium

[Rn] 5f<sup>7</sup> 7s<sup>2</sup>

Solid

Simple Hexagonal



[Rn] 5f<sup>7</sup> 7s<sup>2</sup>  
[2, 8, 18, 32, 25, 8, 2]

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