

³⁶S

Nier from the Research Laboratory of Physics at Harvard University reported the discovery of ³⁶S in 1938 in his paper “The isotopic constitution of calcium, titanium, sulfur and argon” (1938Ni04). SO₂ flowed into the tube of a mass spectrometer and positive ion peaks of SO₂⁺, SO⁺ and S⁺ were used to identify ³⁶S. “A new sulphur isotope, S³⁶, was discovered, having an abundance 1/6,000 that of S³².”

Adapted from reference (2012Th10)

1938Ni04 A. O. Nier, Phys. Rev. **53**, 282 (1938).

2012Th10 M. Thoennessen, At. Data Nucl. Data Tables **98**, 933 (2012).

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