

¹⁸³Os

In 1950, the discovery of ¹⁸³Os was announced in the paper “Os¹⁸² and Os¹⁸³, new radioactive osmium isotopes” by Stover (1950St89). At Berkeley, metallic rhenium targets were bombarded with 25 MeV protons from the linear accelerator to produce ¹⁸³Os. Magnetic counter and absorption data were taken following chemical separation. “Os¹⁸³ decays by electron capture, and emits conversion electrons of energies 0.15 Mev and 0.42 Mev, and gamma-rays of energies 0.34 Mev and 1.6 Mev.”

Adapted from reference (2012Ro36)

1950St89 B. J. Stover, Phys. Rev. **80**, 99 (1950).

2012Ro36 R. Robinson and M. Thoennessen, At. Data Nucl. Data Tables **98**, 911 (2012).

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