

## <sup>183</sup>Au

<sup>183</sup>Au was first seen by Siivola at the University of California, Berkeley, in the 1968 paper “Alpha-Active Gold Isotopes” ([1968Si01](#)). The isotope was populated through the bombardment of <sup>168</sup>Yb with <sup>19</sup>F ions. The measured alpha spectra yielded “the mass numbers of the 5.073, 5.343, 5.482 and 5.623 MeV alpha groups as 185, 183 and 181, respectively.” The half-life was determined to be 45(4) s.

Adapted from reference ([2010Sc35](#))

[1968Si01](#) A. Siivola, Nucl. Phys. A **109**, 231 (1968).

[2010Sc35](#) A. Schuh, A. Fritsch, J. Q. Ginepro, M. Heim *et al.*, At. Data Nucl. Data Tables **96**, 307 (2010).

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