

## <sup>176</sup>Hg

“Alpha Decay of New Neutron Deficient Gold, Mercury and Thallium Isotopes” reported the discovery of <sup>176</sup>Hg by Schneider et al. in 1983 at the Gesellschaft für Schwerionenforschung (GSI) in Germany ([1983Sc24](#)). The isotopes were produced in fusion-evaporation reactions of a <sup>92</sup>Mo beam with energies between 4.5 A·MeV and 5.4 A·MeV and separated with the velocity filter SHIP. “The decays of the new isotopes <sup>173</sup>Au, <sup>175,176</sup>Hg and <sup>179</sup>Tl could be correlated to the known  $\alpha$ -decays of their daughters”.

Adapted from reference ([2011Me01](#))

[1983Sc24](#) J. R. H. Schneider, S. Hofmann, F. P. Hessberger, G. Munzenberg *et al.*, Z. Phys. A **312**, 21 (1983).

[2011Me01](#) D. Meierfrankenfeld, A. Bury, and M. Thoennessen, At. Data Nucl. Data Tables **97**, 134 (2011).

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