^{175}Hg

"Alpha Decay of New Neutron Deficient Gold, Mercury and Thallium Isotopes" reported the discovery of ^{175}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 ^{92}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 ^{173}Au, ^{175,176}Hg and ^{179}Tl could be correlated to the known α-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).

Please cite this abstract as: "FRIB Nuclear Data Group, *Discovery of Nuclides Project*, Isotope Database, doi:10.11578/frib/2279152"