^{179}Hg

^{179}Hg was discovered by Hansen et al. in 1970 and reported in "Studies of the α-active isotopes of mercury, gold and platinum" (1970Ha18). A lead target was bombarded with 600 MeV protons by the synchrocyclotron at CERN and ^{179}Hg and ^{180}Hg were separated and identified with the the isotope-separator-on-line facility ISOLDE. "The line at 6.270 MeV, containing altogether 19 counts, is from ^{179}Hg. The assignment is certain, because the energy is higher than any other observed in connection with the study of the mercury isotope."

Adapted from reference (2011Me01)

1970Ha18 P. G. Hansen, H. L. Nielsen, K. Wilsky, M. Alpsten *et al.*, Nucl. Phys. A **148**, 249 (1970).

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