# $^{188}$Hg

N. Poffe et al. reported the first observation of $^{188}$Hg in "Réactions (p,xn) induites dans l'or par des protons de 155 MeV" in 1960 (1960Po07). Gold targets were bombarded with 155 MeV protons from the synchrocyclotron of the Paris Faculty of Sciences and $^{188}$Hg was identified by half-life and $\gamma$-ray measurements following magnetic separation: "Half-lives and main $\gamma$-ray energies have been measured for $^{190}$Hg, $^{189}$Hg, $^{188}$Hg and their daughter products."

Adapted from reference (2011Me01)


1960Po07 N. Poffe, G. Albouy, R. Bernas, M. Gusakow *et al.*, J. Phys. Radium **21**, 343 (1960).

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



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