

¹⁸⁶Au

¹⁸⁶Au was first observed by Albouy et al. in 1960 with spallation reactions: “Nouveaux isotopes de période courte obtenus par spallation de l’or” (1960A120). The gold targets were bombarded with 155 MeV protons from the Orsay synchro-cyclotron. “L’intensité obtenue pour les masses 187, 186 et 185 rend peu précise la détermination des énergies des raies γ correspondant aux masses 187 et 186 et ne nous a pas permis d’identifier des raies γ pour la chaîne de masses 185.” [The intensity obtained for the masses 187, 186 and 185 makes a precise determination of the γ -ray energies corresponding to masses 187 and 186 possible but has not allowed us to identify γ -rays for the mass of 185.]

Adapted from reference (2010Sc35)

1960A120 G. Albouy, M. M. Gusakow, and N. Poffe, J. Phys. Radium **21**, 751 (1960).

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

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