

^{169}Pt

Hofmann et al. first identified ^{169}Pt in 1981. They published their results in “New Neutron Deficient Isotopes in the Range of Elements Tm to Pt” ([1981Ho10](#)). A ^{58}Ni beam impinged on a tin target at the GSI UNILAC linear accelerator. The α -decay spectra of the evaporation residues were measured after the velocity filter SHIP. “The lighter isotopes down to mass number 169 were identified in correlations to their well established daughters $^{167-165}\text{Os}$.”

Adapted from reference ([2011Am01](#))

[1981Ho10](#) S. Hofmann, G. Munzenberg, F. Hessberger, W. Reisdorf *et al.*, *Z. Phys. A* **299**, 281 (1981).

[2011Am01](#) S. Amos, J. L. Gross, and M. Thoennessen, *At. Data Nucl. Data Tables* **97**, 383 (2011).

Please cite this abstract as: “FRIB Nuclear Data Group, *Discovery of Nuclides Project*, Isotope Database, doi:[10.11578/frib/2279152](https://doi.org/10.11578/frib/2279152)”