^{171}Pt

Hofmann et al. first identified ^{171}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 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 $^{167-165}$Os." It should be mentioned that ^{171}Pt was independently observed by Della Negra et al. (1981De22) and submitted less than two month after Hofmann et al.

Adapted from reference (2011Am01)

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