

¹⁹²Po

In the 1977 article “Very neutron-deficient polonium isotopes produced through ²⁰Ne induced reactions,” della Negra et al. reported the observation of ¹⁹²Po (1977De32). An enriched ¹⁸²W target was bombarded with a 10 MeV/amu ²⁰Ne beam from the Orsay ALICE accelerator. Reaction products were transported with a helium jet to a silicon detector which measured α particles. Mass assignments were made by measuring excitation functions. “The alpha activity observed at an energy of 7.12 MeV is attributed to mass 192. Because of the low intensity the half life has not been measured.” An earlier report of a 6.58(4) MeV α activity with a 0.5(1) s half-life (1958To25) was incorrect.

Adapted from reference (2013Fr04)

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