^{196}Po

The 1967 paper "$^{193-200}$Po isotopes produced through heavy ion bombardments" by Siivola discussed the observation of ^{196}Po (1967Si09). Enriched ^{185}Re targets were bombarded with 150−185 MeV ^{19}F beams from the Berkeley linear accelerator forming ^{196}Po in (8n) fusion-evaporation reactions. Recoils were deposited on an aluminum plate with a helium jet and subsequent α spectra were measured with a solid state counter. "^{196}Po: A 6.526±0.008 MeV 5.5±0.5 s activity observed in ^{19}F+^{185}Re bombardments is assigned to this isotope" Earlier measurements assigning significantly longer half-lives to $^{193-195}$Po (1958To25), and ^{196}Po (1959At78, 1964Br23) were incorrect.

Adapted from reference (2013Fr04)

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