^{194}Po

The 1967 paper "$^{193-200}$Po isotopes produced through heavy ion bombardments" by Siivola discussed the observation of ^{194}Po (1967Si09). Enriched ^{185}Re targets were bombarded with 150−185 MeV ^{19}F beams from the Berkeley linear accelerator forming ^{194}Po in (10n) 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. "^{194}Po: The last of the activities whose half-life was measured is a 6.847±0.010 MeV, 0.6±0.2 s activity... " 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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