

¹⁹³Po

The 1967 paper “^{193–200}Po isotopes produced through heavy ion bombardments” by Siivola discussed the observation of ¹⁹³Po ([1967Si09](#)). Enriched ¹⁸⁵Re targets were bombarded with 150–185 MeV ¹⁹F beams from the Berkeley linear accelerator forming ¹⁹³Po in (11n) 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. “¹⁹³Po: The highest alpha energy observed is 6.98 ± 0.02 MeV.” Earlier measurements assigning significantly longer half-lives to ^{193–195}Po ([1958To25](#)), and ¹⁹⁶Po ([1959At78](#), [1964Br23](#)) were incorrect.

Adapted from reference ([2013Fr04](#))

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