^{135}Pm

^{135}Pm was first observed by van Klinken and Feenstra in 1975 as reported in "Shape implications of unhindered $11/2^- \rightarrow 11/2^-$ β decays in the region with N<82 and Z>50" (1975Va14). Alpha beams accelerated to 140 MeV by the KVI cyclotron in Groningen bombarded natural praseodymium targets. Gamma- and beta-rays were measured at the end of a pneumatic transport system. "The isotope ^{135}Pm, not reported before, was identified by its β decay to the known level at 198.7 keV in ^{135}Nd. It has a half-life of 44±9 s and was produced by ^{141}Pr(140 MeV α,10n)^{135}Pm."

Adapted from reference (2012Ma48)

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