^{217}Po

Momyer and Hyde reported the observation of ^{217}Po in the 1956 paper "Properties of Em^{221}" (1956Mo15). Thorium targets were bombarded with 110 MeV protons from the 184-inch Berkeley cyclotron. Alpha-decay spectra were measured following chemical separation. "In 20 percent of its disintegrations Em^{221} [^{221}Rn] emits an alpha particle of 6.0-Mev energy unresolved from the 6.0-Mev alpha particle of Fr^{221}, and gives rise to Po^{217}, a previously unreported isotope of polonium. Po^{217} has a half-life of less than 10 seconds and emits alpha particles of 6.54±0.02 Mev."

Adapted from reference (2013Fr04)

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