# $^{112}$Te

Wigmans et al. described the first observation of $^{112}$Te in the 1976 article "Decay of $^{112,113,114}$Te and $^{115}$Te$^{g+m}$" (1976Wi11). Natural tin foils were bombarded with 25−40 MeV $^{3}$He beams from the Amsterdam cyclotron and $^{112}$Te was formed in the reaction $^{112}$Sn($^{3}$He,3n). Gamma-ray singles and coincidence spectra were measured with Ge(Li) detectors after mass separation. "The production of pure Te sources with the isotope separator offered the possibility to assign two newly found activities uniquely to the isotopes $^{112}$Te and $^{113}$Te."

Adapted from reference (2013Ka01)


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