^{111}Tc

Penttila et al. are credited with the first observation of ^{111}Tc for their 1988 paper "Half-Life Measurements for Neutron-Rich Tc, Ru, Rh, and Pd Isotopes. Identification of the New Isotopes ^{111}Tc, ^{113}Ru, and ^{113}Rh" (1988Pe13). ^{111}Tc was produced at the University of Jyväskylä in Finland by proton-induced fission of ^{238}U. The isotopes were separated with the IGISOL on-line isotope separator and identified by γ-ray, x-ray, and β-ray emissions. "The peaks labeled as being from the previously unknown isotope ^{111}Tc were identified through their coincidence relations with the Kα X-ray of Ru."

Adapted from reference (2012Ny02)

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Please cite this abstract as: "FRIB Nuclear Data Group, *Discovery of Nuclides Project*, Isotope Database, doi:10.11578/frib/2279152"