

^{112}Tc

^{112}Tc was discovered in 1990 by Äystö et al. and presented in “Collective Structure of the Neutron-Rich Nuclei, ^{110}Ru and ^{112}Ru ” (1990Ay02). 20 MeV protons induced fission of ^{238}U at the IGISOL facility at the University of Jyväskylä, Finland. ^{112}Tc was identified by measuring β - and γ -rays of the mass separated isotopes. “The new isotope ^{112}Tc was found to decay with a half-life of 280(30) ms.”

Adapted from reference (2012Ny02)

1990Ay02 J. Aysto, P. P. Jauho, Z. Janas, A. Jokinen *et al.*, Nucl. Phys. A **515**, 365 (1990).

2012Ny02 A. Nystrom and M. Thoennessen, At. Data Nucl. Data Tables **98**, 95 (2012).

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