^{172}Ho

In their 1991 paper, "Investigation of the new isotope ^{172}Ho and of ^{174}Er", Becker et al. announced the discovery of ^{172}Ho (1991Be04). A 11.6 MeV/u ^{136}Xe from the GSI UNILAC accelerator bombarded a target of tungsten foils enriched in ^{186}W, and ^{172}Ho was produced in multinucleon transfer reactions. X-, β- and γ-ray spectra were measured at the GSI on-line mass separator. "For ^{172}Ho, the half-life was measured to be 25(3) s and a decay scheme is proposed on the basis of $\gamma\gamma$-coincidence data."

Adapted from reference (2013Fr10)

1991Be04 K. Becker, F. Meissner, W. D. Schmidt-Ott, U. Bosch *et al.*, Nucl. Phys. A **522**, 557 (1991).

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