^{65}Fe

The 1985 paper "Production and Identification of New Neutron-Rich Fragments from 33 MeV/u ^{86}Kr Beam in the 18≤Z≤27 Region" by Guillemaud-Mueller et al. reported the first clear observation of ^{65}Fe (1985Gu14). The 33 MeV/u ^{86}Kr beam bombarded tantalum targets and the fragments were separated with the GANIL triple-focusing analyser LISE. "The tentative observation of the new isotopes ^{56}Ti, ^{57,58}V, ^{60}Cr announced by Breuer et al. and of ^{65}Fe by Guerreau et al. is confirmed." The Guerreau paper (1980Gu09) referenced in the quote found only hints for ^{65}Fe.

Adapted from reference (2010Sc18)

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