^{167}Ta

The 1982 paper "Selective on-line separation of new Ta, Zr and Sr isotopes" by Liang et al. described the discovery of ^{167}Ta (1982Li17). A 280 MeV ^{3}He beam from the IPN Orsay synchrocyclotron bombarded lutetium metal and LuF_3 powder. ^{167}Ta was identified with the Isocele-2 on-line separator. "The measured half-life of 1.4 $\pm$ 0.3 mn differs from the value 2.9 $\pm$ 0.15 mn previously reported for this isotope." The previously reported value of 2.9(15) min (1969Ar22) was incorrect.

Adapted from reference (2012Ro36)

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