^{101}Ag

In the paper "Neutron-Deficient Silver and Cadmium Isotopes", Butement and Mirza described the observation of ^{101}Ag in 1966 (1966Bu05). 340 MeV protons from the University of Liverpool Synchocyclotron bombarded a silver wool target. "The half life of ^{101}Ag was determined by preparing by spallation a pure silver activity 25 min after the end of irradiation and milking off palladium at regular intervals which varied from 7 to 20 min in different experiments." From these measurements a half-life of 14 m was determined. About four months later, Panontin and Caretto reported a half-life of 11.2(1) m (1966Pa14). They were apparently not aware of the data by Butement and Mirza, however they refer to a conference contribution by Charoenkwan et al. as the first observation of ^{101}Ag (1965Ch32).

Adapted from reference (2010Sc10)

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