^{115}Cs

^{115}Cs was discovered in 1978 by D'Auria et al. in the 1978 paper "Properties of the lightest known cesium isotopes $^{114-118}$Cs" (1978Da07). A lanthanum target was bombarded with 600 MeV protons from the CERN synchrocyclotron. ^{115}Cs was formed in spallation reactions and identified with ISOLDE isotope separator. "The delayed-proton activity exhibited a half-life of about 1 sec for ^{115}Cs, but the much stronger proton branch of the daughter made a precise determination difficult. An experiment with set-up A gave a more accurate value: 1.4±0.8 sec."

Adapted from reference (2012Ma48)

1978Da07 J. M. D'Auria, J. W. Gruter, E. Hagberg, P. G. Hansen *et al.*, Nucl. Phys. A **301**, 397 (1978).

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