^{122}Cs

The discovery of ^{122}Cs was reported in "Identification of new neutron-deficient nuclides ^{76}Rb and ^{118}Cs. Half-lives of ^{78}Rb, $^{119-124}$Cs, ^{126}Cs" by Chaumont et al. in 1969 (1969Ch18). 24 GeV protons from the CERN proton synchrotron bombarded tantalum targets. Rubidium and cesium ions were selectively emitted by surface ionization and separated with an on-line mass spectrometer. Two half-lives of 21.0(7) s and 267(11) s were listed a table for ^{122}Cs, corresponding to the ground state and an isomeric state, respectively.

Adapted from reference (2012Ma48)

1969Ch18 J. Chaumont, E. Roeckl, Y. Nir-El, C. Thibault-Philippe *et al.*, Phys. Lett. B **29**, 652 (1969).

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