

^{114}Cs

^{114}Cs was discovered in 1978 by D'Auria et al. in the 1978 paper “Properties of the lightest known cesium isotopes $^{114-118}\text{Cs}$ ” ([1978Da07](#)). A lanthanum target was bombarded with 600 MeV protons from the CERN synchrocyclotron. ^{114}Cs was formed in spallation reactions and identified with ISOLDE isotope separator. “Since the daughter, ^{114}Xe , has been shown not to be a delayed particle emitter, the observed activity is attributed to ^{114}Cs .”

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).

[2012Ma48](#) E. May and M. Thoennessen, At. Data Nucl. Data Tables **98**, 960 (2012).

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