

²⁵⁵Es

Choppin et al. from Berkeley reported the first observation of ²⁵⁵Es in 1954 in their paper “Nuclear Properties of Some Isotopes of Californium, Elements 99 and 100” (1954Ch23). The isotope was formed in intense neutron bombardments of plutonium and high-mass nuclides. “The 7.1-Mev alpha activity was also observed in purified element-99 fractions, and thus it was deduced that is also has a β^- emitting parent. Rough decay measurements of this activity in the element-99 fraction indicate that the half-life of this parent, presumably ⁹⁹255, is approximately one month.”

Adapted from reference (2011Me01)

1954Ch23 G. R. Choppin, S. G. Thompson, A. Ghiorso, and B. G. Harvey, Phys. Rev. **94**, 1080 (1954).

2011Me01 D. Meierfrankenfeld, A. Bury, and M. Thoennessen, At. Data Nucl. Data Tables **97**, 134 (2011).

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