

¹⁴⁷La

Engler et al. observed ¹⁴⁷La as reported in the 1979 article “Half-life measurements of Rb, Sr, Y, Cs, Ba, La and Ce isotopes with A=91-98 and A=142-149” (1979En02). A ²³⁵U target was irradiated by thermal neutrons at the Soreq Nuclear Research Centre in Yavne, Israel. ¹⁴⁸La was identified with the Soreq-On-Line-Isotope-Separator (SOLIS). “Half-lives of the extremely neutron-rich isotopes ^{91–98}Rb, ^{94–98}Sr, ^{96–98}Y, ^{142–146}Cs, ^{143–148}Ba, ^{144–149}La, and ¹⁴⁹Ce were determined.” The half-life determined for ¹⁴⁷La was 4.4(5) s. The observation of 58.1 keV and 158.9 keV γ -rays in the spontaneous fission of ²⁵²Cf (1971Ho29) was incorrect (1999Zh05).

Adapted from reference (2012Ma48)

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