

## **<sup>149</sup>La**

Engler et al. observed <sup>149</sup>La for the first time 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 <sup>235</sup>U target was irradiated to thermal neutrons at the Soreq Nuclear Research Centre in Yavne, Israel. <sup>149</sup>La was identified with the Soreq-On-Line-Isotope-Separator (SOLIS). “The isotopes <sup>147,148</sup>Ba and <sup>149</sup>La were identified for the first time and their half-lives measured. The values obtained, in seconds, are 0.72±0.07 for <sup>147</sup>Ba, 0.47±0.20 for <sup>148</sup>Ba and 1.2±0.4 for <sup>149</sup>La.”

Adapted from reference (2012Ma48)

1979En02 G. Engler, Y. Nir-El, M. Shmid, and S. Amiel, Phys. Rev. C **19**, 1948 (1979).

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

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