^{140}La

^{140}La was observed by Marsh and Sugden in 1935 at the Old Chemistry Laboratory in Oxford, UK, and published in the paper "Artificial radioactivity of the rare earth elements" (1935Ma03). Lanthanum oxide was irradiated with neutrons from a 400 mCi radon source in contact with powdered beryllium. "On the other hand, we have found a considerable activity for lanthanum with a period of 2 days whilst Fermi reports that this element is inactive." The half-life of 1.9(2) d was quoted in a table. The publication by Fermi mentioned in the quote refers to (1935Am01).

Adapted from reference (2012Ma48)

1935Am01 E. Amaldi, O. D'Agostino, E. Fermi, B. Pontecorvo *et al.*, Proc. Roy. Soc. (London) A **149**, 522 (1935).

1935Ma03 J. K. Marsh and S. Sugden, Nature **136**, 102 (1935).

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

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