^{143}La

The first observation of ^{143}La was reported in 1951 in the Plutonium Project paper "Discovery of 19m La^{143}" by Gest and Edwards (1951GeZZ). Uranyl nitrated was irradiated in the Clinton Pile in Oak Ridge and activities were measured following chemical separation. "A study of the rate of growth of 33h Ce^{143} in samples of active lanthanum isolated from uranium fission products has indicated that the parent La^{143} has a half-life of about 19 min." A 15 min half-life without a mass assignment was previously observed by Hahn and Strassmann (1943Ha11).

Adapted from reference (2012Ma48)

1943Ha11 O. Hahn and F. Strassmann, Naturwissenschaften **31**, 499 (1943).

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