^{7}Be

Roberts et al. from the Department of Terrestrial Magnetism of the Carnegie Institution of Washington reported the discovery of ^{7}Be in the 1938 paper "Radioactivity of ^{7}Be" (1938Ro01). Deuterons accelerated to 1 MeV bombarded a LiF target and ^{7}B was produced in the reaction ^{6}Li + ^{2}H $\rightarrow$ ^{7}Be + n. The decay curve was measured following a one-month long irradiation. "The activity was followed for a month and showed a half-life of 43$\pm$6 days."

Adapted from reference (2012Th01)

1938Ro01 R. B. Roberts, N. P. Heydenburg, and G. L. Locher, Phys. Rev. **53**, 1016 (1938).

2012Th01 M. Thoennessen, At. Data Nucl. Data Tables **98**, 43 (2012).

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