

⁷¹Kr

Ewan et al. discovered ⁷¹Kr in 1981 using the Isotope Separator On Line (ISOLDE) facility at CERN, Switzerland, as reported in “Beta-Decay of the $T_z = \frac{1}{2}$ Mirror Nucleus ⁷¹Kr” (1981Ew01). A niobium target was bombarded with 600 MeV protons, followed by mass separation. “Assignment of the β -activity to mass 71 was made by scanning over this mass region with the separator magnet.” The half-life was measured to be 97(9) ms.

Adapted from reference (2010He02)

- 1981Ew01 G. T. Ewan, E. Hagberg, P. G. Hansen, B. Jonson *et al.*, Nucl. Phys. A **352**, 13 (1981).
2010He02 M. Heim, A. Fritsch, A. Schuh, A. Shore, and M. Thoennessen, At. Data Nucl. Data Tables **96**, 333 (2010).

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