^{251}Bk

Diamond et al. identified ^{251}Bk in the 1967 paper "Nuclear properties of ^{251}Bk" (1967Di02). ^{255}Es was produced by neutron irradiation of a pure einsteinium sample and ^{251}Bk was populated by α decay. ^{255}Es was separated with the Argonne Isotope Separator and the α recoils were collected on collodion films. The subsequent β decay of ^{251}Bk was measured with an end-window proportional counter. "A new isotope, ^{251}Bk, has been isolated and found to decay by β^- particle emission with a half-life of 57.0±1.7 min."

Adapted from reference (2013Fr02)

1967Di02 H. Diamond, R. K. Sjoblom, R. F. Barnes, J. L. Lerner *et al.*, J. Inorg. Nucl. Chem. **29**, 601 (1967).

2013Fr02 C. Fry and M. Thoennessen, At. Data Nucl. Data Tables **99**, 96 (2013).

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