

## <sup>250</sup>Bk

In 1954, Ghiorso et al. reported the discovery of <sup>250</sup>Bk at Berkeley in the article “New isotopes of americium, berkelium and californium” (1954Gh24). <sup>250</sup>Bk was produced by neutron capture on <sup>249</sup>Bk. Alpha particles were measured following chemical separation. “A sample of Bk<sup>249</sup> was subjected to a short neutron bombardment, followed by chemical purification, and a new activity, presumably Bk<sup>250</sup>, was produced. It decayed by  $\beta^-$  emission with a half-life of 3.13 hours.”

Adapted from reference (2013Fr02)

1954Gh24 A. Ghiorso, S. G. Thompson, G. R. Choppin, and B. G. Harvey, Phys. Rev. **94**, 1081 (1954).

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

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