

²⁰⁰Po

In 1951, Karraker et al. announced the discovery of ²⁰⁰Po in the paper “Alpha-decay energies of polonium isotopes” ([1951Ka37](#)). Bismuth oxide was bombarded with 150 MeV protons from the Berkeley 60-inch and 184-inch cyclotrons. Alpha-decay spectra were measured with an ionization chamber following chemical separation. “The isotopes Po²⁰⁰ and Po²⁰¹ have been shown to have half-lives of 11 and 18 minutes, respectively, and to emit alpha-particles of 5.84 and 5.70 Mev.”

Adapted from reference ([2013Fr04](#))

[1951Ka37](#) D. G. Karraker, A. Ghiorso, and D. H. Templeton, Phys. Rev. **83**, 390 (1951).

[2013Fr04](#) C. Fry and M. Thoennessen, At. Data Nucl. Data Tables **99**, 365 (2013).

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