

²⁰⁰Pb

In 1950, Neumann and Perlman described the first observation of ²⁰⁰Pb in “Isotopic assignments of bismuth isotopes produced with high energy particles” ([1950Ne77](#)). Lead targets were bombarded with 100 MeV protons and deuterons from the Berkeley 184-inch cyclotron and ²⁰⁰Pb was identified following chemical separation measuring activities with a mica end-window Geiger tube. “The establishment of a 35-min. bismuth as the parent of the 18-hr. ²⁰⁰Pb and 27-hr. ²⁰⁰Tl was accomplished in a manner somewhat analogous to that already described in relation to [the figure] for the 12-hr. ²⁰³Bi-52-hr. ²⁰³Pb pair.”

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

[1950Ne77](#) H. M. Neumann and I. Perlman, Phys. Rev. **78**, 191 (1950).

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

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