

^{205}Po

^{205}Po was discovered in 1951 and reported in “Polonium isotopes produced with high energy particles” by Karraker and Templeton ([1951Ka03](#)). Natural lead and bismuth targets were bombarded with helium beams and protons and deuterons, respectively, from the 184-in Berkeley cyclotron. Decay curves were measured following chemical separation. “1.5-hr Po^{205} :... These data confirm the assignment of the 1.5-hour polonium to mass 205.”

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

[1951Ka03](#) D. G. Karraker and D. H. Templeton, Phys. Rev. **81**, 510 (1951).

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

Please cite this abstract as: “FRIB Nuclear Data Group, *Discovery of Nuclides Project*, Isotope Database, doi:[10.11578/frib/2279152](https://doi.org/10.11578/frib/2279152)”