

^{204}Po

^{204}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. “3.8-hr Po^{204} : ...These experiments have fixed the 3.8-hour polonium at mass 204.”

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).

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