^{208}Po

Howland et al. observed ^{208}Po for the first time in 1947 in "Artificial radioactive isotopes of polonium, bismuth and lead" (1947Ho06). Enriched ^{207}Pb was bombarded with a 40 MeV ^{4}He beam from the Berkeley 60-inch cyclotron populating ^{208}Po in (α,3n). Products were chemically separated and electrons and electromagnetic radiation were measured with Geiger tubes as described in a longer follow-up paper (1947Te01). "The alpha-activity attributed to Po^{208} may be a mixture of Po^{208} and Po^{209} with similar α-particle ranges, but on the basis of yield arguments most of this activity must be Po^{208}."

The assignment was changed from the original compilation (2013Fr04) which credited the later paper by the group (1947Te01) with the discovery of ^{208}Po.

1947Ho06 J. J. Howland, D. H. Templeton, and I. Perlman, Phys. Rev. **71**, 552 (1947).

1947Te01 D. H. Templeton, J. J. Howland, and I. Perlman, Phys. Rev. **72**, 758 (1947).

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Please cite this abstract as: "FRIB Nuclear Data Group, *Discovery of Nuclides Project*, Isotope Database, doi:10.11578/frib/2279152"