^{207}Po

Howland et al. observed ^{207}Po for the first time in 1947 in "Artificial radioactive isotopes of polonium, bismuth and lead" (1947Ho06). Enriched ^{206}Pb was bombarded with a 40 MeV ^{4}He beam from the Berkeley 60-inch cyclotron populating ^{207}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 5.7-hour Po^{207} cannot be Po^{208} because it was not made by bombardment of Bi^{209} with 20-Mev deuterons, for which a high (d,3n) cross section is expected."

The assignment was changed from the original compilation (2013Fr04) which credited the later paper by the group (1947Te01) with the discovery of ^{207}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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