^{196}Pb

Andersson et al. observed ^{196}Pb as reported in the 1957 article "Lead and thallium isotopes in the mass range 195-199" (1957An53). Natural thallium targets were bombarded with 45−115 MeV protons from the Uppsala synchrocyclotron creating lead isotopes in (p,xn) reactions. Conversion electrons and γ-spectra were measured. "Decay curves of mass 196 samples showed a 40 min component, but this was not considered conclusive because contamination from mass 197 could not be entirely excluded. The assignment of a 37 min activity to Pb^{196} is, however, supported by its relationship to Tl^{196} as described below."

Adapted from reference (2013Fr04)

1957An53 G. Andersson, E. Arbman, and B. Jung, Ark. Fys. **11**, 297 (1957).
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Please cite this abstract as: "FRIB Nuclear Data Group, *Discovery of Nuclides Project*, Isotope Database, doi:10.11578/frib/2279152"