^{213}Po

Hagemann et al. from Argonne National Laboratory discovered ^{213}Po in 1947 in "The (4n+1) radioactive series: the decay products of U^{233}" (1947Ha02). The half-lives and α- and β-decay energies of the nuclides in the decay chain of ^{233}U were measured. "These decay products, which constitute a substantial fraction of the entire missing, 4n+1, radioactive series are listed together with their radioactive properties, in [the table]." Only the decay energy was measured and the half-life is listed as "very short". Hagemann et al. acknowledge the simultaneous observation of ^{213}Po by English et al. which was submitted only a day later and published in the same issue of Physical Review on the next page (1947En03).

Adapted from reference (2013Fr04)

1947En03 A. C. English, T. E. Cranshaw, P. Demers, J. A. Harvey *et al.*, Phys. Rev. **72**, 253 (1947).

1947Ha02 F. Hagemann, L. I. Katzin, M. H. Studier, A. Ghiorso, and G. T. Seaborg, Phys. Rev. **72**, 252 (1947).

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

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