^{176}Ta

Wilkinson and Hicks reported the first observation of ^{176}Ta in the 1948 paper "Some new radioactive isotopes of Tb, Ho, Tm Lu, Ta, W, and Re" (1948Wi02). The Berkeley 60-in cyclotron was used to bombard lutetium with 20 and 38 MeV α-particles and hafnium an tantalum with 19 MeV deuterons. Absorption measurements were performed and decay curves recorded following chemical separation. The results were only summarized in a table and the measured half-life was 8.0 h for ^{176}Ta.

Adapted from reference (2012Ro36)

1948Wi02 G. Wilkinson and H. G. Hicks, Phys. Rev. **74**, 1733 (1948).

2012Ro36 R. Robinson and M. Thoennessen, At. Data Nucl. Data Tables **98**, 911 (2012).

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