^{102}Zr

In "A Study of the Low-Energy Transitions Arising from the Prompt De-Excitation of Fission Fragments," published in 1970, Watson et al. from the University of California at Berkeley, reported the first observation of ^{102}Zr (1970Wa05). Fission fragments from the spontaneous fission of ^{252}Cf were measured in coincidence with X-rays and conversion electrons. In a table, the energy (153 keV) and half-life (1.7 ns) of the first excited state were identified correctly.

Adapted from reference (2012Ny02)

1970Wa05 R. L. Watson, J. B. Wilhelmy, R. C. Jared, C. Rugge *et al.*, Nucl. Phys. A **141**, 449 (1970).

2012Ny02 A. Nystrom and M. Thoennessen, At. Data Nucl. Data Tables **98**, 95 (2012).

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