^{51}Ti

The first correct identification of ^{51}Ti was reported in 1947 by Seren et al. in "Thermal Neutron Activation Cross Sections" (1947Se33). Titanium metal powder was irradiated with thermal neutrons in the Argonne graphite pile reactor. Decay curves, and γ- and β-rays were measured. The observation of ^{51}Ti is not specifically discussed among the 65 elements studied except in the main table: "Half-life previously reported 2.8 min. We find 6 min. over 3 half-lives." The previous (too small) value was reported by Walke in 1937 (1937Wa03).

Adapted from reference (2011Me01)

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