^{169}Er

The identification of ^{169}Er was described by Bisi et al. in the 1956 paper "An investigation of the first rotational level of ^{169}Tm" (1956Bi30). Erbium oxide was irradiated with slow neutrons in the Harwell reactor. Gamma- and beta-ray spectra were measured with a scintillation spectrometer and a β-ray spectrometer, respectively. "The intensity of the β-rays was followed over 30 days. The half-life was found to be $T_{1/2}$=(9.0±0.2) d." A previous assignment of a 12 h half-life (1938Po05) was incorrect.

Adapted from reference (2013Fr10)

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