^{63}Ni

Brosi et al. identified ^{63}Ni in 1951 as reported in the paper "Characteristics of Ni^{59} and Ni^{63}" (1951Br05). Enriched ^{62}Ni targets were irradiated at the Oak Ridge reactor and activities were measured with Geiger-Müller counters following chemical separation. "The half-life of 85 yrs for Ni^{63} calculated from the data in [the table] is considerably shorter than values previously estimated from activation data." Fourteen years earlier, an activity of 160(10) min was assigned to either ^{63}Ni or ^{65}Ni (1937Oe01). In addition, activities of a few hours (1935Ro02), 2.5 h (1937He04), 2.60(3) h (1938Li08), 2.6 h (1942Ne02) and 15-30 h (1949Wi10) were incorrectly assigned to ^{63}Ni.

Adapted from reference (2012Ga06)

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