^{130}In

"Excited States in the Two-Neutron-Hole Nucleus $^{130}_{50}Sn_{80}$ Observed in the 0.53 sec β^- Decay of ^{130}In" described the first observation of ^{130}In by Kerek et al. in 1973 (1973Ke12). ^{130}In was produced by neutron induced fission of ^{235}U at Studsvik, Sweden, and identified utilizing the OSIRIS separator. "Among the high-energy β-rays a short-lived component with the half-life 0.53±0.05 sec could be observed. Since the E_{β^-} threshold exceeds all other E_{β^-} in the chain, the half-life is assigned to the ^{130}In→^{130}Sn decay." This half-life corresponds to two separate isomeric states and the ground state half-life of 0.33(3) s was measured eight years later by Fogelberg et al. (1981Fo02).

Adapted from reference (2011Am01)

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