^{105}In

Rivier and Moret describe the ^{105}In observation of 1975 in "Mise en Evidence de L'isotope ^{105}In et Etude de la Desintegration ^{105}In $\rightarrow$^{105}Cd" (1975Ri06). Enriched ^{106}Cd targets were bombarded with 19-31 MeV protons from the Grenoble variable energy cyclotron. ^{105}In was produced in the (p,2n) reaction and identified by measuring γ-γ coincidences. "The half-life of the ground state is 5.2 $\pm$ 0.3 min. There is an isomeric level at 674.1 keV ($T_{1/2}$ = 55 $\pm$ 5 sec)." The article was published two years after submission. The ^{105}In results were included in a separate article submitted two weeks after the paper by Rivier and Moret and published within six months (1973Ro30). It should also be mentioned that in 1974 another article reported the discovery of ^{105}In (1974Bu20).

Adapted from reference (2011Am01)

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