

¹⁸¹Ta(⁴⁰Ar,²⁰C) [1987Gi05](#)

<u>Type</u>	<u>Author</u>	<u>Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	M. S. Narijauskas, J. H. Kelley, C. G. Sheu	ENSDF	9-June-2017

[1987Gi05](#): The authors measured the masses of several nuclides, produced in the fragmentation of 60 MeV/nucleon ⁴⁰Ar ions on a 350 mg/cm² natTa target at GANIL, by measuring their time-of-flight over a roughly 80 meter flight path. The nuclides were detected and identified in the SPEG spectrometer focal plane. A mass resolution near 5×10⁻⁴ was achieved. The mass excess ΔM=37.2 MeV *II* was deduced.

²⁰C Levels

E(level)
0