

¹⁸¹Ta(⁴⁰Ar,¹⁹C) [1987Gi05](#)

<u>Type</u>	<u>Author</u>	<u>History</u>	<u>Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	J. H. Kelley, G. C. Sheu		ENSDF	23-March-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=32.95 MeV ⁴² was deduced.

¹⁹C Levels

<u>E(level)</u>
0