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<sup>181</sup>Ta(<sup>48</sup>Ca,<sup>20</sup>N)    **1991Or01**

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		History	
<u>Type</u>	<u>Author</u>	<u>Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	C. G. Sheu, J. H. Kelley	ENSDF	31-Dec-2018

**1991Or01:** The masses of 39 nuclides were measured using direct time-of-flight and ΔE-E techniques by bombarding a 330 mg/cm<sup>2</sup> thick tantalum target with a beam of E(<sup>48</sup>Ca)=55 MeV/nucleon ions produced by the GANIL cyclotrons. The nuclides were detected and identified in the SPEG spectrometer with a mass resolution of 3×10<sup>-4</sup>. The <sup>20</sup>N mass excess ΔM=21.79 MeV was deduced.

<sup>20</sup>N Levels

E(level)  
0