
 $^{181}\text{Ta}(^{48}\text{Ca},^{19}\text{C})$ **1991Or01**

| <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 |

1991Or01: The authors measured the masses of several nuclides, produced in the fragmentation of 55 MeV/nucleon ^{48}Ca ions on a 330 mg/cm^2 $^{\text{nat}}\text{Ta}$ 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 3×10^{-4} was achieved. The mass excess $\Delta M=33.07\text{ MeV } 24$ was deduced.

 ^{19}C LevelsE(level)

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