
 $^{48}\text{Ca}(\alpha, ^9\text{Be})$ **1974Je01**

<u>Type</u>	<u>Author</u>	<u>History</u>	<u>Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	Balraj Singh and Jun Chen [#]		NDS 126, 1 (2015)	31-Mar-2015

1974Je01: E=77.7 MeV α beam with intensity of $\approx 1 \mu\text{A}$ was produced from the Lawrence Berkeley Laboratory 88-in cyclotron.

Target of a 96.25% isotopically enriched self-supporting ^{48}Ca . Recoiling particles were detected by two counter telescopes, each consisting of two transmission ($\Delta\text{E-E}$) detector, 59 and 35 μm thick, a 260 μm E detector, and a 500 μm reject detector.

Measured $\sigma(\text{E})$. Deduced levels.

 ^{43}Ar Levels

<u>E(level)</u>	
0	
1740	50
2550	50
3560	70
4.74×10^3	10