
 ${}^{48}\text{Ca}({}^7\text{Li}, {}^7\text{Be})$ **1978We14**

| <u>Type</u> | <u>Author</u> | <u>History Citation</u> | <u>Literature Cutoff Date</u> |
|-----------------|---------------|-----------------------------|-------------------------------|
| Full Evaluation | Jun Chen | NDS 179, 1 (2022) | 30-Nov-2021 |

1978We14: E=52 MeV ${}^7\text{Li}$ beam was produced from the ANU 14UD pelletron accelerator. Target was 200 $\mu\text{g}/\text{cm}^2$ 98% enriched ${}^{48}\text{Ca}$. Reaction products were momentum-analyzed with a 90-cm Enge split-pole spectrometer and detected with a gas-filled proportional counter. Measured $\sigma(\theta=23.75^\circ, 27.75^\circ)$. Deduced mass excess=-32116 keV 27.

 ${}^{48}\text{K}$ LevelsE(level)0.0
580?