
 $^{40}\text{Ca}(^{14}\text{C}, ^{14}\text{O})$ 1980Dr09

| <u>Type</u> | <u>Author</u> | <u>History Citation</u> | <u>Literature Cutoff Date</u> |
|-----------------|---------------|-----------------------------|-------------------------------|
| Full Evaluation | Jun Chen | NDS 140, 1 (2017) | 30-Sep-2015 |

1980Dr09: E=51 MeV ^{14}C beam with an intensity of 200 nA was produced the Los Alamos Van de Graaff accelerator. Targets were natural Ca (about $70 \mu\text{g}/\text{cm}^2$) on carbon backings. Reaction products were momentum analyzed with a quadrupole-triple-dipole magnetic spectrometer and detected in a position-sensitive ionization chamber. Measured $\sigma(E, \theta)$. Deduced levels.

 ^{40}Ar Levels

E(level)
0
1460