
 $^{48}\text{Ca}(^{12}\text{C}, ^8\text{Be})$ [1976Ma12](#)

| Type | Author | History | Citation | Literature Cutoff Date |
|-----------------|----------------------|---------|---------------------|------------------------|
| Full Evaluation | Yang Dong, Huo Junde | | NDS 128, 185 (2015) | 10-Jul-2015 |

[1976Ma12](#): E=56 MeV, measured $\sigma(E(^8\text{Be}, \theta))$, ^8Be was recorded by detecting two α particles in coincidence in a detection system consisting of eight rectangular, closely adjacent detectors, DWBA analysis.

[1977Mo06](#): E=45 MeV, measured $\sigma(\theta)$, ^8Be was recorded by detecting two α particles in coincidence in a closely spaced pair of large rectangular Si(Li) detectors, DWBA analysis.

All data are from [1976Ma12](#).

 ^{52}Ti Levels

| E(level) | J^π | L^\dagger | S^\dagger | Comments |
|----------|---------|-------------|-------------|--|
| 0.0 | 0^+ | 0 | 0.90 | |
| 1040 | 2^+ | 2 | 0.061 | E(level): E=1045 (1977Mo06). |
| 2300 | 4^+ | 4 | 0.032 | |

† From DWBA calculation.