

${}^{42}\text{Ca}({}^6\text{Li,d})$ [1977Fu03](#),[1975Fu02](#),[1975St05](#)

| <u>Type</u> | <u>Author</u> | <u>History Citation</u> | <u>Literature Cutoff Date</u> |
|-----------------|---------------|-----------------------------|-------------------------------|
| Full Evaluation | S. -c. Wu | NDS 91, 1 (2000) | 15-Jul-2000 |

E=32 MeV ([1977Fu03](#)).

Measured $\sigma(E,\theta)$; DWBA analysis.

Other: [1992Ra22](#).

See [1977Be39](#) for theory.

 ${}^{46}\text{Ti}$ Levels

| <u>E(level)</u> | <u>Jπ[†]</u> | <u>S[‡]</u> |
|-----------------|--------------------------------------|----------------------|
| 0.0 | 0 ⁺ | 0.31 |
| 890 | 2 ⁺ | 0.23 |
| 2010 | 4 ⁺ | 0.12 |

[†] From Adopted Levels.

[‡] Relative to S=1.0 for the ${}^{40}\text{Ca}({}^6\text{Li,d}){}^{44}\text{Ti}(\text{g.s.})$ reaction ([1977Fu03](#)).