## $^{10}$B($^3$He,t)    1975Sc27

### History

| Type | Author | Citation | Literature Cutoff Date |
|------|--------|----------|------------------------|
| Full Evaluation | J. H. Kelley, C. G. Sheu and J. L. Godwin, et al. | NP A745 155 (2004) | 31-Mar-2004 |

1966Ma36: $^{10}$B($^3$He,t) E=30,40 MeV, measured $\sigma(E_t,\theta)$. $^{10}$C deduced level, widths.
1970Nu02: $^{10}$B($^3$He,t) E=11-17 MeV, measured $\sigma(E)$. Deduced optical model parameters.
1975Sc27: $^{10}$B($^3$He,t) E=38.2 MeV, measured $\sigma(E_t,\theta)$. $^{10}$C deduced levels, $\Gamma$.
1976Wi05: $^{10}$B($^3$He,t) E=217 MeV, measured $\sigma(E_t,\theta)$.

### $^{10}$C Levels

| E(level) | $J^{\pi}$ | $T_{1/2}$ | Comments |
|----------|-----------|-----------|----------|
| 0 | $0^+$ | | |
| 3350 | $2^+$ | | |
| 5220 *40* | | 225 keV *45* | E(level): $\Gamma$: from (1975Sc27). |
| 5380 *70* | | 300 keV *60* | E(level): $\Gamma$: from (1975Sc27). |
| 6580 *20* | | 190 keV *35* | E(level): $\Gamma$: from (1975Sc27). |