## $^{10}$B(d,t) 1988Aj01

History

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

1964Fu15: $^{10}$B(d,t) $E_d$=13.5 MeV, measured $\sigma(\theta)$. $^{9}$B deduced L, Γ.
1967Fi07: $^{10}$B(d,t) E=11.8 MeV, measured $\sigma(E_t,\theta)$.
1968Ga13: $^{10}$B(d,t) E=28 MeV, measured $\sigma(\theta)$. DWBA analysis for (d,t) cross sections, S.
1973Za06: $^{10}$B(d,t) E=13.6 MeV, measured $\sigma(E_t,\theta)$.
1974Lu06: $^{10}$B(pol. d,t) E=15 MeV, measured $(E_t,\theta)$, A($\theta$). $^{9}$B levels deduced S, J-dependence, J-admixtures. DWBA analysis.
1975Za06: $^{10}$B(d,t), analyzed data. Deduced J dependence of $\sigma$.
1988Go02: $^{10}$B(d,t) E=18 MeV, measured $\sigma(\theta)$. Deduced model parameters, spectroscopic factors. Exact, finite-range DWBA.
1988Gu20: $^{10}$B(d,t) E=18 MeV, measured $\sigma(\theta)$. DWBA.
1995Gu22: $^{10}$B(d,t) E=8-50 MeV, analyzed $\sigma(\theta)$. Deduced vertex constants. Combined DWBA, dispersion theory approaches.

### $^{9}$B Levels

| E(level) |
|---|
| 0 |
| $2.4\times10^{3}$ |