
 $^{13}\text{C}(\text{p},\alpha)$ [1988Aj01](#)

Type	Author	History	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

[1972Ma21](#): $^{13}\text{C}(\text{P},\alpha)$ E=54, 43.7, 50.5 MeV, measured $\sigma(E_\alpha, \theta)$. ^{10}B levels deduced L.

[1975Ob01](#): $^{13}\text{C}(\text{P},\alpha)$ E=5-18 MeV, measured $\sigma(\theta)$, $\sigma(E)$, σ .

[1983Pi07](#): $^{13}\text{C}(\text{p},\alpha\gamma)$ E=8 MeV, measured E_γ , I_γ .

[1988Ab11](#): $^{13}\text{C}(\text{P},\alpha)$ E=18-45 MeV, measured $\sigma(\theta)$. Deduced partial $\sigma(E)$, model parameters. ^{10}B levels deduced spectroscopic factors.

[1988Ba30](#): $^{13}\text{C}(\text{P},\alpha)$ E=30.95 MeV, measured $\sigma(\theta)$. Deduced (P, α) reaction $\sigma(E)$. ^{10}B levels deduced spectroscopic factors. DWBA analysis.

 ^{10}B Levels

E(level)

0

720

1.74×10^3

2.15×10^3

3.59×10^3

4.77×10^3

5.16×10^3

5.92×10^3

6.03×10^3

7.47×10^3