

$^{13}\text{C}(\pi^+,p)$     [1981An10](#)

| Type            | Author                                     | History | Citation          | Literature Cutoff Date |
|-----------------|--------------------------------------------|---------|-------------------|------------------------|
| Full Evaluation | J. H. Kelley, J. E. Purcell and C. G. Sheu |         | NP A968,71 (2017) | 1-Jan-2017             |

[1980Go16](#):  $^{13}\text{C}(\pi^+,p)$  E=75 MeV, measured  $\sigma(\theta,E_p)$ . Deduced reaction mechanism.  
[1981An10](#):  $^{13}\text{C}(\pi^+,p)$  E=90,170,180 MeV, measured  $\sigma(\theta_p,E_p)$ . Deduced reaction mechanism.  
[1981Wh01](#):  $^{13}\text{C}(\pi^+,p)$  E=5-200 MeV, analyzed data.  
[1982Do01](#):  $^{13}\text{C}(\pi^+,p)$  E=32-81 MeV, measured  $\sigma(E_p)$ ,  $\sigma(E_d)$ ,  $\sigma(\theta)$ .

$^{12}\text{C}$  Levels

| <u>E(level)<sup>†</sup></u> | <u>E(level)<sup>†</sup></u> | <u>E(level)<sup>†</sup></u> | <u>E(level)<sup>†</sup></u> |
|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| 0                           | 9.6×10 <sup>3</sup>         | 15.1×10 <sup>3</sup>        | 20.6×10 <sup>3</sup>        |
| 4.4×10 <sup>3</sup>         | 12.7×10 <sup>3</sup>        | 16.1×10 <sup>3</sup>        | 22.9×10 <sup>3</sup>        |
| 7.7×10 <sup>3</sup>         | 14.1×10 <sup>3</sup>        | 19.1×10 <sup>3</sup>        | 25.3×10 <sup>3</sup>        |

<sup>†</sup> From ([1981An10](#)).