
 $^{13}\text{C}(\gamma, \text{n}), ^{13}\text{C}(\text{e}, \text{e}'\text{n})$ [1975Pa09, 1999Su12](#)

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

[1975Pa09](#): $^{13}\text{C}(\gamma, \text{n}\gamma')$ $E_{\text{brem}}=44$ MeV. Measured ^{13}C giant resonance structure and decay.

[1999Su12](#): $^{13}\text{C}(\text{e}, \text{e}'\text{n})$ $E=129$ MeV; measured $\sigma(E, \theta)$; deduced ^{13}C pygmy, giant resonance neutron decay transitions.

See other discussion in ([1993Mc02](#)).

 ^{12}C Levels

E(level)
 $0^{\ddagger}$
 $4.44 \times 10^3{}^{\ddagger}$
 $12.71 \times 10^3{}^{\ddagger}$
 $15.11 \times 10^3{}^{\ddagger}$
 $16.11 \times 10^3{}^{\ddagger}$

† Reported in $^{13}\text{C}(\gamma, \text{n})$.

‡ Reported in $^{13}\text{C}(\text{e}, \text{e}'\text{n})$.