

Table 14.8 from (1981AJ01): Resonances in $^{13}\text{C}(\text{n}, \gamma)$ and (n, n)

E_{res} (keV)	E_{x} (MeV \pm keV)	Γ_{lab} (keV)	Γ_{γ} (eV)	σ^{a} (b)	l_{n}	J^{π}
$152 \pm 1^{\text{b}}$	8.3184 ± 0.9	5 ± 1	$4.0 \pm 1.6^{\text{f}}$			
$152.9 \pm 1.4^{\text{c}}$		$3.7 \pm 0.7^{\text{f}}$		21 ± 2	1	2^{+}
$1751 \pm 8^{\text{d}}$	9.801 ± 8	20		$[\approx 1.3]$	> 0	1
$2432 \pm 10^{\text{d}}$	10.433 ± 10	17		$[\approx 1.3]$		2
$2454 \pm 10^{\text{d}}$	10.454 ± 10	10		$[\approx 0.7]$		≥ 1
3800 ^e	11.7					

^a Corrected peak cross section above background.

^b (1971AL09): (n, γ) .

^c (1975HE02).

^d (1961CO05).

^e Broad resonance structure. See, however, the structures observed by (1979AU07).

^f Recommended by (1973MU14). I am indebted to S.F. Mughabghab for a very useful discussion.