

Table 15.9 from (1986AJ01): Resonances in $^{12}\text{C} + \text{t}$ ^a

E_t (MeV \pm keV)	E_x (MeV)	Particles out	J^π	Γ (keV)
0.66	15.38	α_0		
1.11	15.74	$\text{p}_0, \text{t}_0, \alpha_1$		
1.21	15.82	t_0		
1.30 ± 20	15.89	n, α_0		
1.39 ± 20	15.96	$\text{n}, \text{t}_0, \alpha_0$		
1.46	16.02	p_0		
1.54	16.08	$\text{n}, \alpha_0, \alpha_1$		
1.64 ± 40	16.16	$\gamma_0, \text{n}, \alpha_0$	$\frac{3}{2}^+$	450 ± 100
1.78	16.27	α_0		
1.85 ± 20	16.33	$\text{n}, \text{p}_0, \alpha_0, \alpha_1$		
1.98 ± 20	16.43	n, p_0		
2.05 ± 30	16.49	$\text{p}_0, \text{t}_0, \alpha_0$		
2.18 ± 25	16.59	$\gamma_0, \text{n}, \text{p}_0, \text{t}_0, \alpha_0, \alpha_1$	$\frac{3}{2}^-$	490
2.30	16.69 ± 0.01	$\gamma_0, \text{n}, \text{p}_0, \alpha_0, \alpha_1$	$\frac{3}{2}^+$	130 ± 15
2.39 ± 30	16.76	$\text{n}, \text{t}_0, \alpha_0, \alpha_1$		
2.50 ± 30	16.85	α_0, α_1		
2.60	16.93	α_0		
2.75	17.05	p_0		
2.82	17.10	$\gamma_0, \text{t}_0, \alpha_0, \alpha_1$	$\frac{3}{2}^-$	
2.89 ± 50	17.16	α_0		
3.14	17.36	α_1		
3.30	17.49 ± 0.09	γ_0	$\frac{3}{2}^+$	450 ± 120
≈ 6 ^b	19.6	γ_0		
15.0	26.8	t_0		

^a For references see Tables 15.8 in (1976AJ04, 1981AJ01).

^b (1983DR13); broad and/or unresolved state(s); E_t estimated by reviewer.