

Table 15.10 from (1981AJ01): Resonances in $^{13}\text{C} + \text{d}$

E_d (MeV)	Particles out	Γ_{lab} (keV)	$^{15}\text{N}^*$ (MeV)	Refs. ^a
0.37	p		16.48	
0.64	n, p ₀ , t ₀	≈ 100	16.71	
0.85	n, p ₀	≈ 400	16.90	
1.10	α_0	broad	17.11	
1.24 ± 0.04	t ₀ , (α_0)	≈ 200	17.23	
1.40 ± 0.04	p ₀ , t ₀ , α_0	≈ 400	17.37	
1.64 ± 0.04	t ₀	≈ 200	17.58	
1.74 ± 0.04	γ_0 , n, α_0	≈ 600	17.67 ^b	(1978DE05)
1.80 ± 0.01	(p ₀), t ₀ , α_1	55 ± 10	17.72	
2.20 ± 0.01	(n), α_0 , α_1	22 ± 4	18.06	
2.23 ± 0.02	(n), p ₀ , t	≈ 50	18.09	
2.45 ± 0.03	n, p ₀ , α_0	270 ± 70	18.28	
3.46 ± 0.03	n	≈ 150	19.16	
5.1	n ₁ , p ₀	≈ 50	20.6	
6.65	γ_0	≈ 700	21.92	(1976DE32, 1979SK04)
8.8	γ_0	broad	23.8	(1976DE32)

^a See references listed in Table 15.10 (1976AJ04).

^b $J^\pi = \frac{1}{2}^-$ or $\frac{3}{2}^+$; $T = \frac{1}{2}$ (1973WE12).