

Table 10.10 from (1979AJ01): Resonances in ${}^7\text{Li} + {}^3\text{He}$ ^a

E_{res} (MeV)	$\Gamma_{\text{c.m.}}$ (keV)	E_x (MeV)	$J^\pi; T$	Γ_γ (eV) for transition to				Γ_α (keV)	Γ_n	Γ_p	Γ_t
				g.s.	0.72	3.59	4.77				
0.92	340	18.43	$2^-; 1$	≥ 3			≥ 17				
1.4	< 600	18.8	$2^+, 1^+$		≥ 20	≥ 20 ^c		res < 80			
2.1	280 ^b	19.3	$2^-; 1$	≥ 12			≥ 49	res < 20	res n_0	(p) ^d	
3.4	910 ^b	20.2	$1^-; 1$			≥ 350		res α_2	res n_0	(p)	res t_0
(4.7)		(21.1)			res						

^a See references listed in [Table 10.10 \(1974AJ01\)](#).

^b ([1966DI04](#)) report $\Gamma_{\text{c.m.}} = 190 \pm 20$ and 350 ± 70 keV, respectively, from the n_0 yield.

^c Assumes isotropy of angular distribution ([1971LI20](#)).

^d ([1975BO55](#)).