

Table 10.10 from (1984AJ01): Resonances in  ${}^7\text{Li} + {}^3\text{He}$  <sup>a</sup>

$E_{\text{res}}$ (MeV)	$\Gamma_{\text{c.m.}}$ (keV)	$E_x$ (MeV)	$J^\pi; T$	$\Gamma_\gamma$ (eV) for transition to				$\Gamma_\alpha$ (keV)	$\Gamma_n$	$\Gamma_p$	$\Gamma_t$
				g.s.	0.72	3.59	4.77				
0.92	340	18.43	$2^-; 1$	$\geq 3$			$\geq 17$				
1.45 <sup>b</sup>	$< 600$	18.80	$2^+; 1^+$		$\geq 20$	$\geq 20$ <sup>d</sup>		res $< 80$			
2.15 <sup>b</sup>	280 <sup>c</sup>	19.29	$2^-; 1$	$\geq 12$			$\geq 49$	res $< 20$	res $n_0$	(p)	
3.4	910 <sup>c</sup>	20.2	$1^-; 1$			$\geq 350$		res $\alpha_2$	res $n_0$	(p)	res $t_0$
(4.7)		(21.1)			res						

<sup>a</sup> See references listed in Table 10.10 in (1974AJ01, 1979AJ01).

<sup>b</sup> See (1979LJZT, 1980LIIF; abstracts).

<sup>c</sup>  $\Gamma_{\text{c.m.}} = 190 \pm 20$  and  $350 \pm 70$  keV, respectively, from the  $n_0$  yield.

<sup>d</sup> Assumes isotropy of angular distribution.