

Table 11.4 from (1968AJ02): Resonances in ${}^7\text{Li}(\alpha, \gamma){}^{11}\text{B}$ ^a

E_r ^b (keV)	$\Gamma_{\text{c.m.}}$ ^b (keV)	${}^{11}\text{B}^*$ (MeV)	J^π	$\omega\Gamma_s$ ^c (eV)	Percentage decay ^d to states of ${}^{11}\text{B}^*$ at			
					0	4.44	6.74	6.79
401	< 1	8.919	$(\frac{5}{2})^-$	0.04	93 ± 5	2.3 ± 1		
819 ± 1 ^e	≈ 4 ^f	9.185	$\frac{7}{2}^+$	0.55	0.9 ± 0.3	82.8 ± 2.0	12.8 ± 0.4	< 1.3
958 ± 1 ^e	7	9.274	$\frac{5}{2}^+$	3.5	19.7 ± 1.0	67.5 ± 2.0	12.8 ± 0.7	< 0.6

^a See also Tables 11.9 and 11.13.

^b (1951BE13). See also (1954HE22).

^c $\omega\Gamma_\gamma\Gamma_\alpha/\Gamma$, in c.m. (1951BE13, 1959JO25). See also (1965OL03).

^d (1962GR07) $\theta = 55^\circ$; see also (1958FE70, 1959JO25), and Table 11.9.

^e (1962GR07) find 815, 951 keV; (1957BR18) find 957 ± 2 keV.

^f $\Gamma \approx 3$ eV (1965OL03).