

Table 10.11 from (1984AJ01): Resonances in ${}^9\text{Be}(p, \gamma){}^{10}\text{B}$ ^a

E_p (MeV \pm keV)	E_x (MeV \pm keV)	$\Gamma_{\text{c.m.}}$ (keV)	$J^\pi; T$	Γ_p/Γ	Γ_γ (eV)
0.319	6.873 ± 5	120 ± 5	$1^-; 0 + 1$	0.30	4.8
0.938 ± 10	7.430	140 ± 30	$2^{(-)}; 0 + 1$	0.7	2.4
(0.98)	(7.47)		(2^+)		
0.992 ± 2	7.479	72 ± 4	$2^-; 1^c$	≈ 0.65	25.8
1.0832 ± 0.4	7.5607	2.65 ± 0.18	$0^+; 1$	1.0	8.5
1.29	7.75	210 ± 60	$2^-; (1)$	≈ 0.65	8.5
2.567 ± 2	8.895	36 ± 2	$2^+; 1$		
4.72^b	10.83	≈ 500	$2^+, 3^+, 4^+$		
6.7^b	12.6	< 200	$0^+, 1^+, 2^+$		
(7.0) ^b	(12.9)	(≈ 100)	($\pi = ^+$)		
7.5^b	13.3	≈ 300	$0^+, 1^+, 2^+$		
8.4^b	14.1	≈ 250	$0^+, 1^+, 2^+$		
8.9^b	14.6	≈ 150	$2^+, 3^+, 4^+$		
10.0^b	15.6	≈ 400	$2^+, 3^+, 4^+$		
14.6^b	19.7	≈ 500	$2^-, 3^-, 4^-$		

^a For references and for additional comments see [Table 10.11 in \(1979AJ01\)](#). See [Table 10.12](#) for decay schemes.

^b Unpublished Ph.D. thesis.

^c See [\(1974AJ01\)](#). This state is assigned $J^\pi = 2^+$ on the basis of the (e, e') work (see [Table 10.16](#)). I am indebted to Dr. D. Kurath for his comments.