Table 11.11 from (1990AJ01):
R-matrix analysis of resonant state in ^{10}B + n [a]

E_n (MeV)	E_x (MeV)	J^π	l_n	Γ_n (c.m., MeV)	Γ_{α_0} (c.m., MeV)	Γ_{α_1} (c.m., MeV)	$\Gamma_{c.m.}$ (keV)
	10.60	$\frac{7}{2}^+$	0	0.120	0.030	0.070	220
0.17	11.61	$\frac{5}{2}^+$	0	0.004	0.296	0.0	300
0.37	11.79	$\frac{7}{2}^+$	0	0.770	0.001	0.113	884
0.53 [b]	11.94	$\frac{5}{2}^-$	1	0.031	0.080	0.090	201
1.83	13.12	$\frac{9}{2}^-$	1	0.100	0.275	0.050	425
1.88	13.16	$\frac{5}{2}^+$, $\frac{7}{2}^+$	2	0.080	0.200	0.150	430
2.82	14.02	$\frac{11}{2}^+$	2	0.800	0.045	0.010	855
4.2	15.3	$(\frac{3}{2}, \frac{5}{2}, \frac{7}{2})^+$	2	0.500	0.100	0.100	700

[a] Analysis based on polarization and differential cross-section measurements of the elastic scattering, and on results from ^{10}B(n, α_0) and (n, α_1). The analysis used a two-level, four-channel R-matrix formalism with a non-diagonal background R-matrix: see (1973HA64). This analysis does not include ^{11}B*(14.53) because the resonance is weak, narrow and almost entirely in the α-channel (1973CO05). See also Table 11.10.

[b] (1978SC31) report $E_{res} = 495 \pm 5$ keV, $\Gamma = 140 \pm 15$ keV, σ_{max}[in (n, $\alpha_1\gamma$)] $= 94 \pm 6$ mb.