Table 12.6 from (1959AJ76): Resonances in ^{11}B(p, γ)^{12}C and ^{11}B(p, α)^{8}Be

$E_{\rm p}$ (MeV)	$\Gamma_{\rm lab}$ (keV)	$\sigma(\gamma_{16})$ [a] (μb)	$\sigma(\gamma_{12})$ [a] (μb)	$\sigma(\alpha_0)$ [e] (mb)	$\sigma(\alpha_1)$ [e] (mb)	$\Gamma_{\gamma_{16}}$ [e] (eV)	$\Gamma_{\gamma_{12}}$ [e] (eV)	Γ_{α_0} [e] (keV)	Γ_{α_1} [e] (keV)	$\Gamma_{\rm p}$ [e] (keV)	^{12}C* (MeV)	J^π; T
0.163	7	5.5	152	0.2	10	$\lesssim 3$	70	0.1	5	0.005	16.11	2^+; 1
0.675 [b]	322	(< 2.3) [g]	48	(< 0.2) [g]	600	$\lesssim 0.5$	15	$\lesssim 0.05$	150	150	16.58	2^-; (1)
1.388 [b]	1270	35	18	6	150	40	20	7	200	1000 [h]	17.23	1^-; (1)
1.98 [c,d]	150	non-res.	non-res.	[8] [f]	[39] [f]						17.77	(0^+)
2.63 [c,d]	300	weak	res.	[16] [f]	[180] [f]						18.37	(2^+)
3.13 [d]	100	weak	res.								18.83	
3.55 [d]	500	res.	res.								19.21	
4.94 [d]	200	non-res.	res.								20.49	
5.12 [d]	200	non-res.	res.								20.65	

[a] (1953HU29); ratio $\sigma(\gamma_{16})/\sigma(\gamma_{12}) = 3.3 \pm 1$ % at $E_{\rm p} = 0.16$ MeV (1956CR1C).
[b] (1953HU29).
[c] (1955HO48).
[d] (1955BA22).
[e] (1953BE61).
[f] (1953PA26): normalized at $E_{\rm p} = 1.4$ MeV. See also (1955HO48).
[g] Non-resonant.
[h] According to (1957DE11), $\Gamma_{\rm p} \approx 50$ keV: see ^{11}B(p, p)^{11}B. If this value is used, α-widths should be increased by a factor of 6, and γ-widths by a factor of 20.