Table 10.8 from (1984AJ01): Levels of ^{10}B from ^{6}Li(α, γ)^{10}B [a]

$E_{\rm res}$ (keV)	$E_{\rm x}$ (MeV $\pm$ keV)	$J^{\pi}; T$	$\Gamma_{\rm lab}$ (keV)	Decay to $E_{\rm f}$	Branch (%)	$\omega\gamma$ (eV)	Γ_{γ} (eV)
500 ± 25	4.761	$3^+; 0$		0	0.5 ± 0.1		
				0.72	> 99		0.020 ± 0.004 [c]
1085	5.112	$2^-; 0$	1.63 ± 0.11 [b]	0	64 ± 7	0.059 ± 0.012 [d]	
				0.72	31 ± 7	0.028 ± 0.008	
				1.74	5 ± 5	0.005 ± 0.005	
1175 [e]	5.166	$2^+; 1$	< 0.5	0	4.4 ± 0.4	0.018 ± 0.002	0.068 ± 0.007
				0.72	22.4 ± 0.6	0.090 ± 0.008	0.33 ± 0.03
				1.74	0.7 ± 0.2	$(2.8 \pm 0.8) \times 10^{-3}$	0.010 ± 0.003
				2.15	64.8 ± 0.9	0.259 ± 0.024	0.942 ± 0.090
				3.59	7.7 ± 0.3	0.031 ± 0.004	0.114 ± 0.015
1210 ± 35	5.187	$1^+; 0$	340 ± 50	1.74	≈ 100		0.06 ± 0.03
2435 [f]	5.922	2^+	10 ± 1	0	82 ± 5	0.19 ± 0.04	0.13 ± 0.03
				0.72	18 ± 5	0.04 ± 0.01	0.02 ± 0.01
				1.74		< 0.02	
2605 [f]	6.024	4^+	0.08 ± 0.05	0	≈ 100	0.34 ± 0.05	0.11 ± 0.02
				0.72		< 0.02	
4019 [g]	6.873 ± 5	$1^-; 0+1$	200 ± 10	0	6 ± 2		
				0.72	21 ± 4		
				1.74	59 ± 3		
				2.15	14 ± 4		
4963 [h]	7.440 ± 20	$2^{(-)}; 0+1$	150 ± 15	[h]			

[a] For earlier references see Table 10.7 in (1979AJ01).

[b] (1983NAZZ) and J. Napolitano, private communication.

[c] $\Gamma_\gamma/\Gamma = (2.3 \pm 0.3) \times 10^{-3}$; $\Gamma_\alpha = 8.4 \pm 1.8$ eV (E.K. Warburton and D.E. Alburger, private communication).

[d] Absolute error only.

[e] Branching ratios from (1979KE08); $\omega\gamma_{\rm c.m.} = 0.40 \pm 0.04$ eV (1979SP01), 0.43 ± 0.07 eV (prelim., J. Napolitano, private communication); $\Gamma_\alpha/\Gamma = 0.16 \pm 0.04$ (1979SP01).

[f] Values of $\omega\gamma$ (1966FO05) have been multiplied by 0.6 to convert them to the c.m. system. I am indebted to Prof. F.C. Barker for pointing out this problem.

[g] Branching ratios calculated from 0° relative intensities; $\Gamma_\alpha/\Gamma_{\rm p} = 1.25 \pm 0.12$.

[h] At 0° the branches to ^{10}B*(0, 0.72) are equally strong ((50 ± 12)%).