Table 10.10 from (2004TI06): Levels of ^{10}Be from ^{7}Li(^{7}Li, p + ^{9}Li), (^{7}Li, t + ^{7}Li) and (^{7}Li, α + ^{6}He) at $E(^{7}\mathrm{Li}) = 34$ and 51 MeV [a]

E_x (MeV)	Γ_{cm} (keV)	Decay	E_x (MeV)	Γ_{cm} (keV)	Decay
7.542 [b]		α	21.8 ± 0.1	≈ 200 [f]	p, (d)
9.56 ± 0.02 [c]	141 ± 10	α	22.4 ± 0.1	≈ 250 [f]	p, t, (t_1)
10.15 ± 0.02 [d]	296 ± 15	α	23.0 ± 0.1		p
10.57		α	23.35 ± 0.05		p, d, (t), α_1
11.23 ± 0.05	200 ± 80 [f]	α	23.65 ± 0.05		p_1, (t), α, α_1
11.76		α	24.0 ± 0.1	≈ 150 [f]	d, (t), α_1
(11.93 ± 0.1)	200 ± 80 [f]	α	24.25 ± 0.05	≈ 200 [f]	(p), d, (d_1), t, α, α_1
13.05 ± 0.1	290 ± 130 [f]	α	24.6 ± 0.1	≈ 150 [f]	p_1, d
13.85 ± 0.1	330 ± 150 [f]	α	24.8 ± 0.1	≈ 100 [f]	p, d, d_1
14.68 ± 0.1	310 ± 140 [f]	α	25.05 ± 0.1	≈ 150 [f]	d, d_1, α_1
17.79	≈ 130	t, α	25.6 ± 0.1		(p), d_1, α_1
18.15 ± 0.05 [e]	$\approx 90 \pm 30$	t_1	25.95 ± 0.05	≈ 300 [f]	d, d_1
18.55	≈ 310	t_1	26.3 ± 0.1	≈ 100 [f]	d, d_1, (t_1), (t_2)
(19.8)		p	26.8 ± 0.1		p, d, d_1, d_2, α_1
20.8 ± 0.1		α	27.2 ± 0.2		p, d, d_1, d_2, t, t_1, α, α_1

[a] (2001CU06, 2002LI15, 2003FL02).

[b] $\Gamma_\alpha = 22 \pm 8$ eV (2002LI15).

[c] $J^\pi = 2^+$, $\Gamma_\alpha = 23 \pm 6$ keV (2002LI15).

[d] $J^\pi = 3^-$ (2001CU06).

[e] $J^\pi = (0^-)$ (2002LI15).

[f] Not corrected for experimental system resolution and therefore upper limits (2003FL02).