

Table 10.12 from (2004TI06): Radiative transitions in ${}^9\text{Be}(d, p){}^{10}\text{Be}$ ^a

E_x (keV)	Transition	ΔJ^π	Mult.	Branch (%)	τ_m (psec)	Γ_γ (meV)
3368.34 ± 0.43 ^b	$3.37 \rightarrow \text{g.s.}$	$2^+ \rightarrow 0^+$	E2	100	0.189 ± 0.020	3.48 ± 0.37
					0.160 ± 0.030	4.11 ± 0.78
5958.3 ± 0.3	$5.96 \rightarrow 3.37$	$2^+ \rightarrow 2^+$	M1	> 90	< 0.08	
	$5.96 \rightarrow \text{g.s.}$	$2^+ \rightarrow 0^+$	E2	< 10		
5959.9 ± 0.6	$5.96 \rightarrow \text{g.s.}$	$1^- \rightarrow 0^+$	E1	83^{+10}_{-6}	$1.1^{+0.4}_{-0.3}$	0.14 ± 0.05
	$5.96 \rightarrow 3.37$	$1^- \rightarrow 2^+$	E1	17^{+6}_{-10}		
6179.3 ± 0.7	$6.18 \rightarrow 5.96$	$0^+ \rightarrow 1^-$	E1	24 ± 2	$1.1^{+0.4}_{-0.3}$	0.14 ± 0.05
	$6.18 \rightarrow 3.37$	$0^+ \rightarrow 2^+$	E2	76 ± 2		
	$6.18 \rightarrow \text{g.s.}$	$0^+ \rightarrow 0^+$	E0			
6263.3 ± 5	$6.26 \rightarrow 5.96$	$2^- \rightarrow 1^-$	M1	≤ 1	$1.1^{+0.4}_{-0.3}$	0.14 ± 0.05
		$\rightarrow 2^+$	E1	≤ 1		
	$6.26 \rightarrow 3.37$	$2^- \rightarrow 2^+$	E1	99^{+1}_{-2}		
	$6.26 \rightarrow \text{g.s.}$	$2^- \rightarrow 0^+$	M2	1 ± 1		

^a See Table 10.4 in (1979AJ01) for references. However, note that there are several typographical errors in the ${}^{10}\text{Be}^*(6.18)$ decay.

^b From (1999BU26). (Corrected on 10/05/2006.)