

Table 9.5 from (84AJ01): Neutron decay of ${}^9\text{Be}$ states ^a

${}^9\text{Be}$ state (MeV)	l_n	Decay (in %) to		θ^2 (%) ^b
		${}^8\text{Be}(0)$	${}^8\text{Be}^*(2.9)$	
2.43	3	7.0 ± 1.0 ^a		2.1 ± 0.6
2.78	1	mainly		0.48 ± 0.06
3.05	2	87 ± 13		81 ± 13
4.70	2	13 ± 4		6.0 ± 0.4
6.76	3	≤ 2		≤ 6
	1		55 ± 14	37 ± 10
11.28	1	≤ 2		≤ 0.1
	1		14 ± 4	0.93 ± 0.28
	3			4.0 ± 1.2
11.81	1	≤ 3		≤ 0.1
	1		12 ± 4	0.48 ± 0.16
	3			1.8 ± 0.6
14.39 ^c				

^a For references see [Table 9.5 in \(79AJ01\)](#).

^b Expressed in units of $\hbar^2/mR^2 = 2.47$ MeV ([CO68E](#), [CH70](#)).

^c See [Table 9.6](#).