

Table 9.5 from (79AJ01): Neutron decay of ${}^9\text{Be}$ states

${}^9\text{Be}$ state (MeV)	l_n	Decay (in %) to		θ^2 ^a (%)	Refs.
		${}^8\text{Be}(0)$	${}^8\text{Be}^*(2.9)$		
2.43	3	7.5 ± 1 6.4 ± 1.2 ^c		2.1 ± 0.6	(CH66A) (CH70)
2.78	1	mainly		0.48 ± 0.06	(CH70)
3.05	2	87 ± 13		81 ± 13	(CH66A, CO68E)
4.70	2	13 ± 4		6.0 ± 0.4	(CO68E)
6.76	3	≤ 2		≤ 6	(CO68E)
	1		55 ± 14	37 ± 10	(CO68E)
11.28	1	≤ 2		≤ 0.1	(CO68E)
	1		14 ± 4	0.93 ± 0.28	(CO68E)
	3			4.0 ± 1.2	(CO68E)
11.81	1	≤ 3		≤ 0.1	(CO68E)
	1		12 ± 4	0.48 ± 0.16	(CO68E)
	3			1.8 ± 0.6	(CO68E)
14.39 ^b					

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

^b See Table 9.6.

^c (CH78D) report $(11 \pm 2)\%$.