

Table 9.5 from (1974AJ01): Neutron decay of  ${}^9\text{Be}$  states

${}^9\text{Be}$ state (MeV)	$l_n$	Decay (in %) to		$\theta^2$ <sup>a</sup> (%)	Refs.
		${}^8\text{Be}(0)$	${}^8\text{Be}^*(2.9)$		
2.43	3	$7.5 \pm 1$ <sup>b</sup>		$2.1 \pm 0.6$	(1966CH20)
		$6.4 \pm 1.2$			(1970CH07, 1970CH1T)
2.78	1	mainly		$0.48 \pm 0.06$	(1970CH07, 1970CH1T)
3.06	2	$87 \pm 13$		$81 \pm 13$	(1966CH20, 1968CO08)
4.70	2	$13 \pm 4$		$6.0 \pm 0.4$	(1968CO08)
6.76	3	$\leq 2$		$\leq 6$	(1968CO08)
	1		$55 \pm 14$	$37 \pm 10$	(1968CO08)
11.28	1	$\leq 2$		$\leq 0.1$	(1968CO08)
	1		$14 \pm 4$	$0.93 \pm 0.28$	(1968CO08)
	3			$4.0 \pm 1.2$	(1968CO08)
11.81	1	$\leq 3$		$\leq 0.1$	(1968CO08)
	1		$12 \pm 4$	$0.48 \pm 0.16$	(1968CO08)
	3			$1.8 \pm 0.6$	(1968CO08)
14.40		$< 7$			(1972MC1E)
			$50 \pm 12$		(1972MC1E)

<sup>a</sup> Expressed in units of  $\hbar^2/mR^2 = 2.47$  MeV (1968CO08, 1970CH07).

<sup>b</sup> See also (1959MA34).