

Table 9.7 from (1984AJ01):  
 Branching parameters in  ${}^9\text{Li}$   $\beta$ -decay (1981LA11)

$E_x$ in ${}^9\text{Be}$ (MeV)	$J^\pi; T$	Branching ratio (%)	$\log ft$ <sup>a</sup>
0	$\frac{3^-}{2}; \frac{1}{2}$	$50.5 \pm 5$ <sup>c</sup>	5.31
2.43	$\frac{5^-}{2}; \frac{1}{2}$	$34 \pm 4$	5.07
2.78 <sup>b</sup>	$\frac{1^-}{2}; \frac{1}{2}$	$10 \pm 2$	5.54
7.94	$(\frac{1^-}{2})$ <sup>d</sup> ; $\frac{1}{2}$	$1.5 \pm 0.5$	5.04
11.28	$(\frac{3^-}{2})$ <sup>d</sup> ; $\frac{1}{2}$	$4 \pm 0.5$	2.87 <sup>e</sup>
11.81		$< 0.1$	$> 4.0$

<sup>a</sup> M.J. Martin, private communication.

<sup>b</sup>  $2.78 \pm 0.12$  MeV,  $\Gamma_{c.m.} = 1.10 \pm 0.12$  MeV;  $\theta_p^2 = 0.48 \pm 0.06$ :  
 see Table 9.7 in (1979AJ01).

<sup>c</sup>  $P_n = (50 \pm 4)\%$  (1981BJ01);  $P_n = (49.5 \pm 5)\%$  (1981LA11).

<sup>d</sup> Suggested by (1981LA11) on the basis of the branching ratios.

<sup>e</sup> (1981LA11) suggest that the very low  $\log ft$  value implies that  
 ${}^9\text{Be}^*(11.28)$  is the anti-analog to  ${}^9\text{Li}_{g.s.}$ .