

Table 9.1 from (79AJ01): Energy levels of  ${}^9\text{Li}$

$E_x$ (MeV $\pm$ keV)	$J^\pi; T$	$\tau_{1/2}$ or $\Gamma_{\text{c.m.}}$ (keV)	Decay	Reactions <sup>a</sup>
<b>g.s.</b>	$\frac{3}{2}^-; \frac{3}{2}$	$\tau_{1/2} = 178.3 \pm 0.4$ msec	$\beta^-$	<a href="#">1</a> , <a href="#">2</a> , <a href="#">3</a> , <a href="#">4</a> , <a href="#">5</a> , <a href="#">6</a> , <a href="#">7</a> , <a href="#">8</a>
$2.691 \pm 5$	$(\frac{1}{2}^-)$		$(\gamma)$	<a href="#">2</a> , <a href="#">3</a> , <a href="#">7</a>
$4.31 \pm 20$		$\Gamma = 100 \pm 30$		<a href="#">2</a> , <a href="#">7</a>
$5.38 \pm 60$		$600 \pm 100$		<a href="#">2</a>
$6.43 \pm 15$	$\geq \frac{9}{2}$	$40 \pm 20$		<a href="#">2</a> , <a href="#">7</a>

<sup>a</sup> See also ([74AJ01](#)).