

Table 7.5 from (1979AJ01): Levels of  ${}^7\text{Li}(e, e'){}^7\text{Li}^*$  <sup>a</sup>

$E_x$ (MeV)	$J^\pi; T$	$\Gamma_{\gamma_0}$ (eV)	Type	$\Gamma_{\gamma_0}/\Gamma_W$	Refs.
0.48	$\frac{1}{2}^-; \frac{1}{2}$	$(2.8 \pm 1.6) \times 10^{-7}$	E2	18	(1971VA20)
		$(6.30 \pm 0.31) \times 10^{-3}$	M1	2.8	(1971VA20)
$4.63 \pm 0.05$	$\frac{7}{2}^-; \frac{1}{2}$		E2 <sup>c</sup>		(1963BE26, 1963BE53, 1969HU05)
$6.6 \pm 0.1$ <sup>b</sup>	$\frac{5}{2}^-; \frac{1}{2}$		E2		(1969HU05)
$7.5 \pm 0.08$	$\frac{5}{2}^-; \frac{1}{2}$	$0.6 \pm 0.3$	E2		(1963BA19, 1963BE26)
		$0.9 \pm 0.4$			(1964GR40) <sup>d</sup>

<sup>a</sup> For a summary of  $B(E2\uparrow)$  measurements, see Table 7.6 in (1966LA04) and  ${}^7\text{Li}$ , the “GENERAL” section.

<sup>b</sup>  $\Gamma_{\text{c.m.}} = 875_{-100}^{+200}$  keV (1969HU05).

<sup>c</sup> Purely longitudinal (1969HU05).

<sup>d</sup> From  ${}^7\text{Li}(\gamma, n)$ .