

Table 8.5 from (2004TI06):  
Resonance parameters for  ${}^8\text{Li}^*(2.26)$  <sup>a</sup>

$E_{\text{res}}$ (keV)	$254 \pm 3$
$E_x$ (MeV) <sup>b</sup>	2.261
$\Gamma$ (keV)	$35 \pm 5$
$\Gamma_n(E_r)$ (keV)	$31 \pm 7$ <sup>c</sup>
$\Gamma_\gamma$ (eV) <sup>b</sup>	$0.07 \pm 0.03$
$\gamma_n^2$ (keV)	594
$\theta^2$	0.091
radius (fm)	3.30
$\sigma_{\text{max}}$	12.0
$J^\pi$	$3^+$
$l_n$	1

<sup>a</sup> Energies in lab system except for those labeled <sup>b</sup>. For references see (1974AJ01, 1979AJ01).

<sup>b</sup> Energies in cm system.

<sup>c</sup>  $\Gamma_n \approx \Gamma$  since  $\Gamma_\gamma$  is small.