Table 8.5 from (2004TI06):
Resonance parameters for ^{8}Li*(2.26) [a]

$E_{\rm res}$ (keV)	254 ± 3
$E_{\rm x}$ (MeV) [b]	2.261
Γ (keV)	35 ± 5
$\Gamma_{\rm n}$ ($E_{\rm r}$) (keV)	31 ± 7 [c]
Γ_{γ} (eV) [b]	0.07 ± 0.03
$\gamma_{\rm n}^2$ (keV)	594
θ^2	0.091
radius (fm)	3.30
$\sigma_{\rm max}$	12.0
J^{π}	3^{+}
$l_{\rm n}$	1

[a] Energies in lab system except for those labeled [b]. For references see (1974AJ01, 1979AJ01).

[b] Energies in cm system.

[c] $\Gamma_{\rm n} \approx \Gamma$ since Γ_{γ} is small.