

Table 7.2 from (1966LA04): Resonance parameters for 7.2 – 7.5 MeV levels in ${}^7\text{Li}$ and ${}^7\text{Be}$

Reaction	${}^6\text{Li} + \text{n}$	${}^6\text{Li} + \text{p}$
References	a	b
E_r (keV, lab)	262	1840
$\Gamma(E_\gamma)$ (keV, c.m.)	154	836
E_λ (keV above g.s.)	7700	7580
$\Gamma_{\text{n, p}}(E_r)$ (keV, c.m.)	118	798
radius (n, p) in fm	3.94	4.08
$\gamma_{\text{n, p}}^2$ (MeV · fm)	4.85	5.02
$\theta_{\text{n, p}}^2$	0.26	0.28
$\Gamma_\alpha(E_r)$ (keV, c.m.)	36	38
radius (α) in fm	4.39	4.39
γ_α^2 (MeV · fm)	0.101	0.101
θ_α^2	0.012	0.012

^a (1959GA08: see (1963MC09)).

^b (1963MC09).