

Table 7.3 from (74AJ01): Resonance parameters
for 7.5 – 7.2 MeV levels in ${}^7\text{Li}$ and ${}^7\text{Be}$

Reaction	${}^6\text{Li} + \text{n}$		${}^6\text{Li} + \text{p}$
	a	b	c
Refs.			
E_r (keV, lab)	262	255	1840
$\Gamma(E_r)$ (keV, c.m.)	154	65	836
E_λ (keV above g.s.)	7700		7580
$\Gamma_{\text{n,p}}(E_r)$ (keV, c.m.)	118	46.8	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	18.5	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 (GA59F: see (MC63A)). See also (SC65A).

^b (ME72H).

^c (MC63A).