

Table 8.4 from (1966LA04): Reduced widths from ${}^7\text{Li}(d, p){}^8\text{Li}$

E_x in ${}^8\text{Li}$ (MeV)	J^π	l	r_0^a (fm)	$\theta_n^2{}^a$	r_0^b (fm)	$\theta_n^2{}^b$	$\theta_n^2{}^c$	$\theta_n^2{}^d$
0	2^+	1	3.8	0.066	4.2	0.053	0.038 – 0.07	0.49 – 0.60
0.97	(1^+)	1	3.5	0.040	4.2	0.028		
2.28	3^+	1	3.0	0.012	4.0	0.015		

^a (1960HA14): PWBA.

^b (1960MA32): PWBA.

^c (1961HA1G): PWBA.

^d (1961HA1G): DWBA.