Table 6.3 from (1988AJ01): Levels of ^{6}Li from ^{4}He(d, d)^{4}He [a]

$E_{\rm d}$ (MeV)	$J^{\pi}; T$	$E_{\rm x}$ (MeV)	$\Gamma_{\rm c.m.}$ (MeV)	$\Gamma_{\rm d}/\Gamma$ [b]	$\gamma_{\rm d}^2$ [c]
1.070 ± 0.003	$3^+; 0$	2.187			0.27
4.34 ± 0.04	$2^+; 0$	4.36	1.32 ± 0.04	0.967	0.511
5.7 ± 0.1 [d]	$1^+; 0$	5.3	1.9 ± 0.1	0.74	0.34
(19.3 ± 1.3)	$3^+; 0$	(14.3)	26.7 ± 1.0	0.34	1.69
(21.6 ± 1.1)	$3^+; 0$	(15.8)	17.8 ± 0.8	0.76	0.77
33 ± 2	4^+	23	12 ± 2	0.15	0.14
34 ± 5	3^-	24	16 ± 3	0.30	0.24
39^{+3}_{-9}	2^-	27	22 ± 7	0.43	0.42

[a] The data in this table are mostly from the S-matrix analysis of (1983JE03). The results are unique up to $E_{\rm d} = 15$ MeV. See also Table 6.4 in (1974AJ01), and Tables 6.3 in (1979AJ01) and (1984AJ01).

[b] The errors in $\Gamma_{\rm d}/\Gamma$ are typically 0.03.

[c] In units of the Wigner limit $\gamma_{\rm w}^2 = 2.93$ MeV for a radius of 4.0 fm. I am indebted to W. Gruebler for pointing out an error to me.

[d] 6.26 MeV (R-matrix analysis): $E_{\rm x} = 5.65$ MeV.