

Table 6.3 from (2002TI10): Levels in  ${}^6\text{He}$  from  ${}^6\text{Li}x{}^7\text{Li}$ ,  ${}^7\text{Be}{}^6\text{He}$  <sup>a</sup>

$E_x$ (MeV)	$J^\pi$	$\Gamma$ (MeV)	$d\sigma/d\Omega$ <sup>b</sup> (mb/sr)	$G$ <sup>c</sup>
g.s.	$0^+$		$0.72 \pm 0.08$	$0.46 \pm 0.05$
$1.92 \pm 0.17$	$2^+$		$0.25 \pm 0.04$	$0.40 \pm 0.10$
$5.6 \pm 0.3$	$(2^+, 1^-, 0^+)$ <sup>d</sup>	$12.1 \pm 1.1$	$4.56 \pm 0.48$	$0.39 \pm 0.04$
$14.6 \pm 0.7$	$(1, 2)^-$	$7.4 \pm 1.0$	$2.11 \pm 0.23$	$0.43 \pm 0.06$
$23.3 \pm 1.0$		$14.8 \pm 2.3$	$1.75 \pm 0.19$	$0.47 \pm 0.07$

<sup>a</sup> (1996JA11).  $E({}^7\text{Li}) = 350$  MeV.

<sup>b</sup>  $\theta_{\text{cm}} = 4.5^\circ$ .

<sup>c</sup> Averaged spin-flip signatures  $G = Y_{\text{coinc}}/Y_{\text{singles}}$ .

<sup>d</sup> (1999AN13) and J. Jänecke, private communication.