

$^{58}\text{Ni}(^6\text{Li,t}),(^{12}\text{C},^9\text{Be})$  1978Wo01,1979We02

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Kazimierz Zuber, Balraj Singh		NDS 125, 1 (2015)	25-Jan-2015

1978Wo01:  $E(^6\text{Li})=34$  MeV. Magnetic spectrograph,  $\theta=10^\circ-20^\circ$ , FWHM=50-100 keV.

1979We02:  $E(^{12}\text{C})=77$  MeV. Magnetic spectrograph,  $\sigma(\theta)$ ,  $\theta=5^\circ-30^\circ$ , FWHM=150-250 keV.  $\sigma(\theta)$  is rather structureless and not sensitive to L-transfer.

Data are from 1978Wo01, except as noted.

 $^{61}\text{Zn}$  Levels

<u>E(level)</u>	<u><math>d\sigma/d\Omega(\mu\text{b/sr})</math></u>	<u>E(level)</u>	<u><math>d\sigma/d\Omega(\mu\text{b/sr})</math></u>	<u>E(level)</u>	<u><math>d\sigma/d\Omega(\mu\text{b/sr})</math></u>	<u>E(level)</u>	<u><math>d\sigma/d\Omega(\mu\text{b/sr})</math></u>
$0^\dagger$	0.9	$1390^\dagger$ 10		2520 10		$3300^\dagger$ 10	4.0
$120^\dagger$ 10		$2030^\dagger$ 10		2710 10	2.0	$3880^\ddagger$ 60	
$940^\dagger$ 10		2250 10		$2800^\dagger$ 10			
1240 10		$2400^\dagger$ 10	5.5	3090 10	7.4		

$^\dagger$  Level also observed in the  $(^{12}\text{C},^9\text{Be})$  reaction (1979We02).

$^\ddagger$  From 1979We02.