

$^6\text{Li}(^6\text{Li},n)$  1967Ba53,1969Th01

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	J. H. Kelley, C. G. Sheu		NP A880, 88 (2012)	1-Jan-2011

1964Ma26:  $^6\text{Li}(^6\text{Li},n)$   $E(^6\text{Li})=2-4.4$  MeV, measured  $\sigma(E)$ .

1967Ba53:  $^6\text{Li}(^6\text{Li},n)$ ; deduced nuclear properties.

1969Th01:  $^6\text{Li}(^6\text{Li},N \gamma)$   $E=5.1-6.3$ . Measures  $\sigma(E,\theta)$ , DSAM.

1987Do05:  $^6\text{Li}(^6\text{Li},n)$   $E=2-16$  MeV, measured  $\sigma(E)$ ,  $\sigma(\theta)$  vs E.

 $^{11}\text{C}$  Levels

E(level)	$T_{1/2}$	Comments
0		
$2.00 \times 10^3$		
$4.32 \times 10^3$	<97 fs	$\Gamma$ : from (1969Th01).
$4.81 \times 10^3$		
$6.34 \times 10^3$	<0.35 ps	E(level): Unresolved. $\Gamma$ : from (1969Th01).
$6.48 \times 10^3$	<0.35 ps	E(level): Unresolved. $\Gamma$ : from (1969Th01).
$6.90 \times 10^3$	<48 fs	$\Gamma$ : from (1969Th01).
$7.50 \times 10^3$	<63 fs	$\Gamma$ : from (1969Th01).
$8.42 \times 10^3$		

 $\gamma(^{11}\text{C})$ 

$E_\gamma$	$E_i(\text{level})$	$E_f$	Comments
7505 8	$7.50 \times 10^3$	0	$E_\gamma$ : from (1969Th01).

 $^6\text{Li}(^6\text{Li},n)$  1967Ba53,1969Th01Level Scheme