^{7}**Li(^{6}Li,dγ),^{6}Li(^{6}Li,γp)**   **1969Th01**

History

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

1962Be16: measured not abstracted. Deduced nuclear properties.
1962Be24: measured not abstracted. Deduced nuclear properties.
1969Th01: Li(^{6}Li,xγ), (^{7}Li(,xγ), E=5.1-6.3 MeV, measured σ(E$_\gamma$,θ(γ)), Doppler shift attenuation. ^{11}B levels deduced T$_{1/2}$.
DSAM analysis includes ^{7}Li+^{6}Li,^{6}Li+^{6}Li,^{7}Li+^{9}Be, ^{6}Li+^{10}B.

^{11}B Levels

E(level)	T$_{1/2}$
0	
2.12×10^3	
4.45×10^3	
5.02×10^3	
6.74×10^3	<145 fs
6793	<24 fs
7300	<16 fs
7.98×10^3	<46 fs
8570	<42 fs
8.92×10^3	

γ(^{11}B)

E$_\gamma$	E$_i$(level)	E$_f$	Comments
2.12×10^3	2.12×10^3	0	observed In ^{6}Li+^{6}Li.
4.45×10^3	4.45×10^3	0	observed In ^{6}Li+^{6}Li, ^{7}Li+^{7}Li.
4.67×10^3	6793	2.12×10^3	observed In ^{7}Li+^{7}Li.
5.87×10^3	7.98×10^3	2.12×10^3	observed In ^{6}Li+^{6}Li.
6446	8570	2.12×10^3	observed In ^{7}Li+^{6}Li.
6793	6793	0	observed In ^{7}Li+^{6}Li,^{6}Li+^{6}Li, ^{7}Li+^{9}Be.
7300	7300	0	observed In ^{7}Li+^{6}Li,^{6}Li+^{6}Li,^{7}Li+^{9}Be.

^{7}Li(^{6}Li,dγ),^{6}Li(^{6}Li,γp)　　　1969Th01

Level Scheme

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