

Adopted Levels 2002Ti10

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Hu, Tilley, Kelley, Godwin et al.		NP A708,3 (2002)	23-Aug-2001

$Q(\beta^-)=11166$  8;  $S(n)=-410$  8;  $S(p)=2.31\times 10^4$  3 [2012Wa38](#)

Note: Current evaluation has used the following Q record 11202 30-445 30 23.04E3 26

[1995Au04](#).

 ${}^7\text{He}$  LevelsCross Reference (XREF) Flags

<b>A</b>	${}^1\text{H}({}^8\text{He},d)$	<b>E</b>	${}^7\text{Li}({}^7\text{Li},{}^7\text{Be}),({}^{11}\text{B},{}^{11}\text{C})$
<b>B</b>	${}^7\text{Li}(\pi^-, \gamma)$	<b>F</b>	${}^9\text{Be}({}^{14}\text{C}, {}^{16}\text{O}),({}^{15}\text{N}, {}^{17}\text{F})$
<b>C</b>	${}^7\text{Li}(n,p)$	<b>G</b>	${}^{10}\text{B}(\pi^-, pd)$
<b>D</b>	${}^7\text{Li}(t, {}^3\text{He})$	<b>H</b>	${}^{12}\text{C}({}^8\text{He}, {}^6\text{He})$

E(level)	$J^\pi$	$T_{1/2}$	XREF	Comments
0.0	$(3/2)^-$	150 keV 20	ABCDEFGH	%n=? T=3/2 $\Gamma$ : From ${}^7\text{Li}(t, {}^3\text{He})$ .
$2.92\times 10^3$ 9	$(5/2)^-$	1.99 MeV 17	EFG	%n=? T=3/2
$5.8\times 10^3$ ? 3		4 MeV 1	EFG	%n=?