

$^{116}\text{Sn}(d,^3\text{He})$ 1974He11

<u>Type</u>	<u>Author</u>	<u>History Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	Jean Blachot	NDS 113, 2391 (2012)	1-Sep-2012

E=50 MeV.

Others: 1969Co03 ED=22 MeV; 1971We01 ED=29 MeV.

Resolution 60⁻ to 70-keV FWHM, semi.

Q(d,³He)=-3740 50 (1969Co03), -3785 6 (1985Wa02) adjusted value.

 ^{115}In Levels

ΔE: ±25 keV uncertain for E(levels)≥1650.

<u>E(level)</u>	<u>J^π</u>	<u>L[#]</u>	<u>C²S</u>	<u>Comments</u>
0.0	9/2 ⁺	4	7.4	J ^π : from Adopted Levels.
340		1	1.7	
600		1	2.0	
930 [†]				
1040		3	0.7	
1080				
1290 [†]				
1450 [†]		(4) [†]	1.2 [†]	
1470 [†]		(1) [†]	0.3 [†]	
1480 [†]		(4) [†]	1.7 [†]	
1650		1	0.4	
1980		4	0.7	
2120		1	0.25	
2230		3	1.1	
2450		1	0.15	
2520		3	0.8	
2860		1	0.20	

[†] From 1971We01.

[‡] ±25 keV uncertain for E(levels)≥1650.

[#] Based on angular distributions (0° to 32°) compared with DWBA.