^{116}Sn(^{3}He,α) 1980Ge01

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

E(^{3}He)=39 MeV.
Measured σ(E,θ) DWBA analysis.
The fine structure for the 1g9/2 hole orbital is confirmed.

^{115}Sn Levels

E(level)	J^π	L	C^2S	E(level)	L	C^2S	E(level)	L	C^2S
0	1/2$^{+\dagger}$			1995	2		2807	2,3	(0.05)
500		2	1.2	2070?	2,(3)	0.08	2860?	(6)	
614		4	7.5	2155	4	0.12	2890	5	0.027
714		5	2.03	2208	2,(3)	0.13	2950	2	0.04
987		2	4.07	2305	3,(2)	0.19	2985	5,(4)	0.03
1280		2	0.055	2370	4,(2)	0.26	3070	4	
1420		2	0.205	2450	(1)		3190	5	0.08
1635		2	0.17	2487	4	0.11	3290	3	0.11
1734		2	0.18	2560?	(1)	0.15	3405	5	
1805		6	(0.14)	2600	1	0.32	3490	5,4	(0.1)
1857		4	0.2	2650			3590	4,(5)	<0.07
1950		5	0.22	2745	(6)		3700 30	4	<0.2

† From Adopted Levels.