

$^{117}\text{Sn}(p,t)$ 1979Ra17

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

E=52 MeV.

Others: 1971FI05, E(p)=20 MeV.

Magnetic spectrometer resolution: FWHM=80 keV.

 ^{115}Sn Levels

Ds: $\pm 20\%$ uncertainty.

E(level)	J^π	L^\dagger	$\sigma(\text{mb})^\ddagger$	Comments
0.0	$1/2^+$	0	3.3	
500		2	0.33	
620		4	0.72	
740		5	0.20	
1000		2	1.5	
1280		2	0.17	
1430		2	0.68	
1640		2	0.20	
1980		(0)	0.06	Excitation measured by 1971FI05.

† Deduced from triton angular distributions at 22 angles ($\theta \leq 60$) compared with DWBA calc.

‡ Corresponds with 20-MeV data of 1971FI05.

$\#$ $\pm 20\%$ uncertainty.