^{117}Sn(p,n) IAS   1966Ri06

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	K. Kitao	NDS 75,99 (1995)	1-Feb-1993

E=6.2-9.4 MeV, enriched target, semi, $\sigma(\theta)$, IAS.
Other: 1965Wo04 E=7-14 MeV, time of flight.
$J^{\pi}(^{117}$Sn)=1/2^{+}.

^{118}Sb Levels

E(level)[†]	Comments
0	
1150	E(level): from 1965Wo04.
4440 *15*	
5670 *15*	E(level): possible IAS of the 2^{+} 1230-keV state of ^{118}Sn.
6140 *15*	E(level): possible IAS of the 0^{+} 1758-keV state of ^{118}Sn.
6470 *15*	E(level): possible IAS of the 2^{+} 2043-keV state of ^{118}Sn.
6770 *15*	E(level): possible IAS of the 2^{+} 2328-keV state of ^{118}Sn.
6920 *15*	E(level): possible IAS of the 4^{+} 2489-keV state of ^{118}Sn.
7100 *15*	E(level): possible IAS of the 2^{+} 2677-keV state of ^{118}Sn.
7170 *15*	E(level): possible IAS of the 1^{+},2^{+},3^{+} 2725-keV and/or 4^{+} 2734-keV and/or 1^{+} 2738-keV of state of ^{118}Sn.
7330 *15*	E(level): possible IAS of the 2^{+} 2904-keV state of ^{118}Sn.

[†] The 4440 level is the possible IAS of the ^{118}Sn g.s..