

$^{119}\text{Sn}(\text{p,t})$ 

<u>Type</u>	<u>History</u>		<u>Literature Cutoff Date</u>
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Full Evaluation	Jean Blachot	ENSDF	1-Mar-2009

Measured  $\sigma(\theta)$ , enriched targets.

E=20 MeV, FWHM=25 keV ([1971FI05](#)).

E=52 MeV ([1979Ra17](#)).

[1971FI05](#) and [1979Ra17](#) find  $\approx 50\%$  reduction in strength for g.s. (L=0), transitions. It could be due to a blocking effect. [1979Ra17](#) suggest that such blocking may not be present for L=2 transitions.

 $^{117}\text{Sn}$  Levels

<u>E(level)</u>	<u>L</u>
0	0
155 <i>15</i>	2
315 <i>15</i>	5
715 <i>15</i>	4
$\approx 1010^\dagger$	2
1180 <i>10</i>	2
1450 <i>10</i>	(2)

$^\dagger$  Unresolved doublet.