^{115}Sn(^{3}He,d) 1978Ka12

History			
Type	Author	Citation	Literature Cutoff Date
Full Evaluation	Jean Blachot	NDS 111, 717 (2010)	1-Dec-2009

E(^{3}He)=28.4 MeV, measured $\sigma(\theta)$ from 20° to 30°.
FWHM=25 keV, $J^{\pi}(^{115}Sn)=1/2^{+}$.
Magnetic spect., enriched target (39.8%).

^{116}Sb Levels

E(level)	J^{π}†	L	C^2S‡	E(level)	J^{π}†	L	C^2S‡	E(level)	J^{π}†	L	C^2S‡
0.0	3^+	2	0.60	732 *5*	1^+	2+0	0.19,0.03	948 *5*	(4^+)	4	0.62
102 *5*	2^+	2	0.60	821 *5*	$(3^+,2^+)$	2	0.03,0.04	1032# *5*		0#	
551 *5*	2^+	2	0.15	882 *5*	3^+	4	0.37	1163 *5*	$(2^+,1^+)$	2	0.53,0.87
662 *5*	3^+	4+2	0.37,0.02	918 *5*	1^+	0	0.40				

† J used by authors to derive C^2S values.
‡ Comparison with calculation is made by 1978Ka12.
# Strongly contaminated by impurity peak. L=0 component is weak.