^{122}Sn(d,^{3}He) 1971We01

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	S. Ohya	NDS 111, 1619 (2010)	20-Jan-2009

E(d)=28.9 MeV, enriched target (92.3%) magnetic spectrograph FWHM=40 keV. Reaction Q value=5861 keV *43*.
Other: 1969Co03, E=22 MeV, enriched target, measured Q value=5910 keV *50*, deduced spectroscopic factors for the lowest levels.

^{121}In Levels

E(level)†	L	C^2S‡	Comments
0.0	4	7.2	C^2S: if configuration=$(\pi\ 1g_{9/2})^{-1}$.
310	1	1.4	C^2S: if configuration=$(\pi\ 2p_{1/2})^{-1}$.
620	1	2.1	C^2S: if configuration=$(\pi\ 2p_{3/2})^{-1}$.
1020			
1400	(4)	2.4	C^2S: if configuration=$(\pi\ 1g_{9/2})^{-1}$.
1500			

† E(level) uncertainty 2%, uncertainty in energy difference between any two levels 2% (1971We01).
‡ From DWBA analysis, 15% uncertainty in absolute cross section.