
 $^{122}\text{Sn}(\alpha, ^3\text{He})$ [1991Ma06](#)

<u>Type</u>	<u>Author</u>	<u>History Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	Jun Chen	NDS 174, 1 (2021)	15-Apr-2021

[1991Ma06](#): E=183 MeV α beam was produced from the K220 Orsay synchrocyclotron. Target was isotopically enriched self-supporting metallic tin foils. Reaction products were momentum-analyzed with a magnetic spectrometer (FWHM=100-200 keV). Measured $\sigma(\theta=4^\circ, 8^\circ)$. Deduced C²S for h_{11/2} single-particle state from DWBA analysis.

 ^{123}Sn Levels

<u>E(level)</u>	<u>Jπ[†]</u>	<u>C²S</u>
0.0	11/2 ⁻	0.37

[†] From Adopted Levels.