Supporting information for

Crystal Structure of a Large Cubic Tin Mono-Sulfide Polymorph: an Unraveled Puzzle

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Table S1: Summary of analyses of the XRD patterns of 260 nm thick SnS-CUB films deposited twice consecutively at 17°C for 10 hr.

Sample processing	<i>a</i> (Å)	grain diameter	Relative Intensity of (hkl) Diffraction Peaks (%)				
		(Å)	222	400	410	440	622
As- prepared*	11.59±0.02	196.6	100	94	23.2	25.2	13.1
Heated at 350°C	11.59±0.015	193	100	85.6	25.3	23.9	14.3
Heated at 400 [°] C**	11.60±0.01	203	100	87.6	25.8	23.7	15.4

* Fig. 1(a) ** Fig. 1(b) in main text.