

## Supporting information

### High $zT$ in Electrodeposited Silver Selenide Films: From Pourbaix Diagram to a Flexible Thermoelectric Module

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Table S1. Harris texture coefficient and standard deviation silver selenide films grown at different reduction potentials.

Reduction potential	Peak ( <i>hkl</i> )	Intensity XRD	Intensity JCPDS	Texture coefficient ( $TC_{(hkl)}$ )	Standard deviation( $\sigma$ )
0.084 V	020	8	1.1	1.65	0.73
	112	22	21	0.24	
	200	14	4.1	2.27	
	023	93	22.9	0.92	
	211	18	11	0.37	
	040	10	4.1	0.55	
0.078 V	020	3	1.1	0.39	1.33
	112	18	21	0.12	
	200	38	4.1	3.91	
	023	163	22.9	1.03	
	211	26	11	0.34	
	040	6	4.1	0.21	
0.071 V	020	6	1.1	0.76	1.07
	112	16	21	0.11	
	200	33	4.1	3.30	
	023	159	22.9	0.97	
	211	22	11	0.28	
	040	17	4.1	0.58	
0.044 V	020	9	1.1	1.14	0.87
	112	16	21	0.11	
	200	26	4.1	2.59	
	023	239	22.9	1.45	
	211	15	11	0.06	
	040	19	4.1	0.64	
-0.015 V	020	4	1.1	0.37	1.16
	112	10	21	0.05	
	200	42	4.1	3.08	
	023	464	22.9	2.08	
	211	26	11	0.24	
	040	7	4.1	0.18	