

Supplementary information

Sn_{1-x}Se thin films with low thermal conductivity: role of stoichiometry deviation in thermal transport

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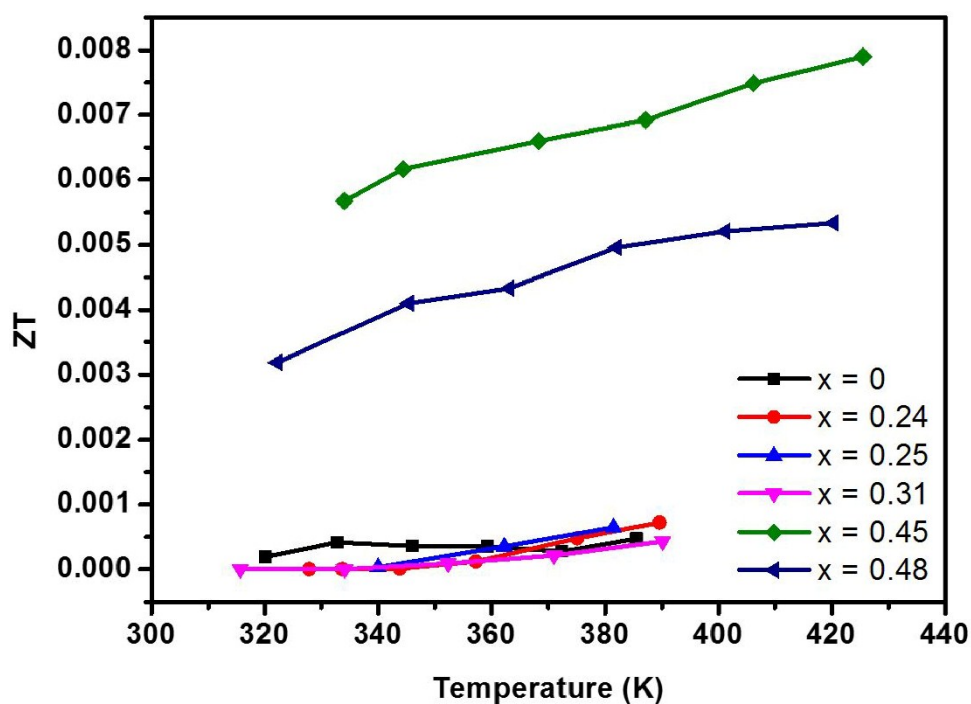


Fig. S1. ZT values of Sn_{1-x}Se thin films

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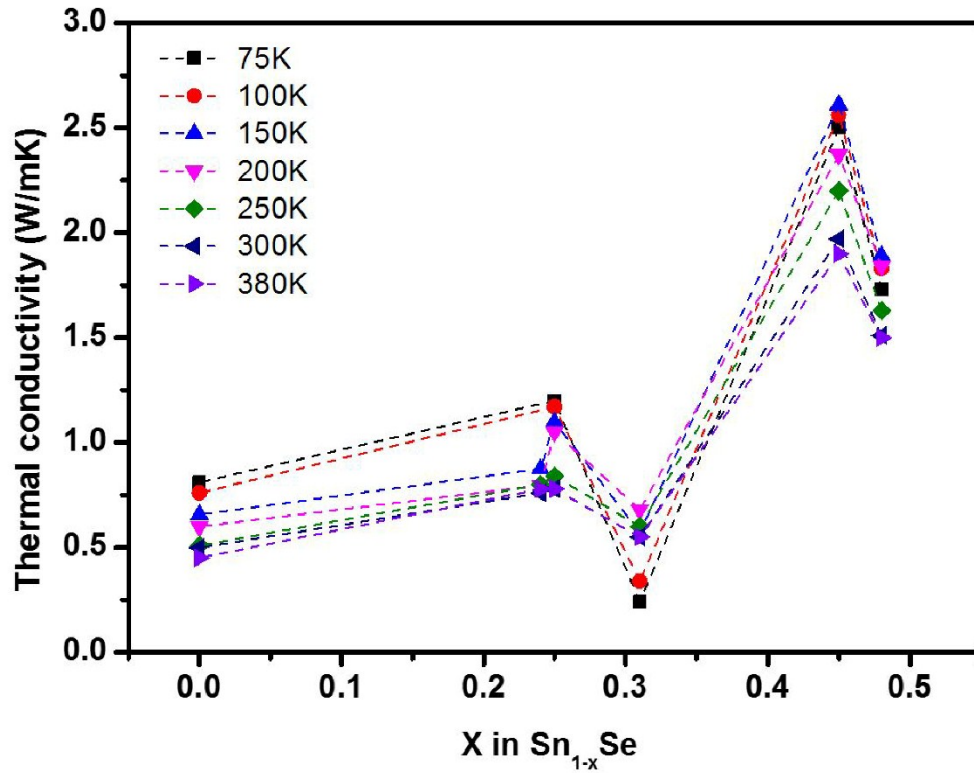


Fig. S2. Composition dependence of thermal conductivity of Sn_{1-x}Se thin films.

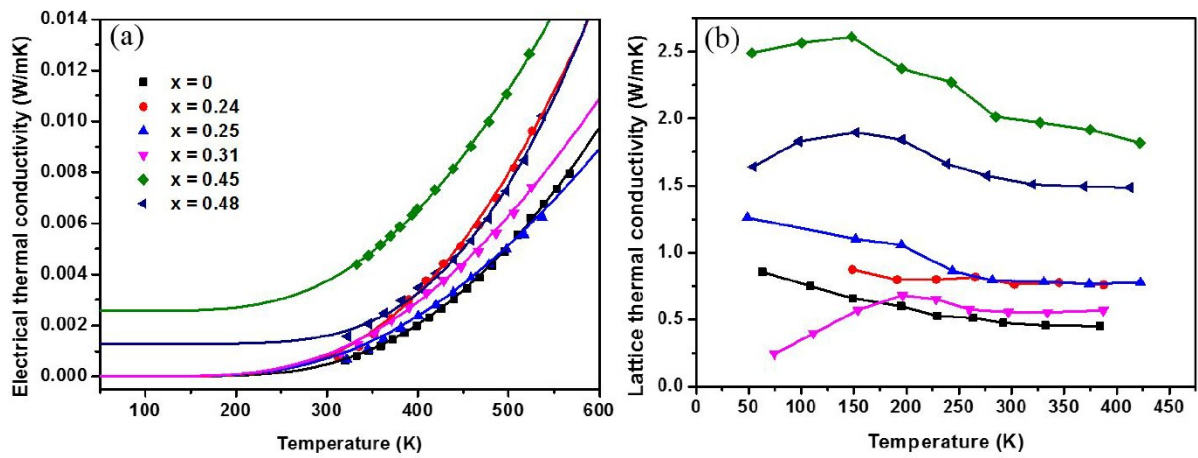


Fig. S3. Temperature dependence of thermal conductivity of Sn_{1-x}Se thin films: (a) electrical thermal conductivity, (b) lattice thermal conductivity.

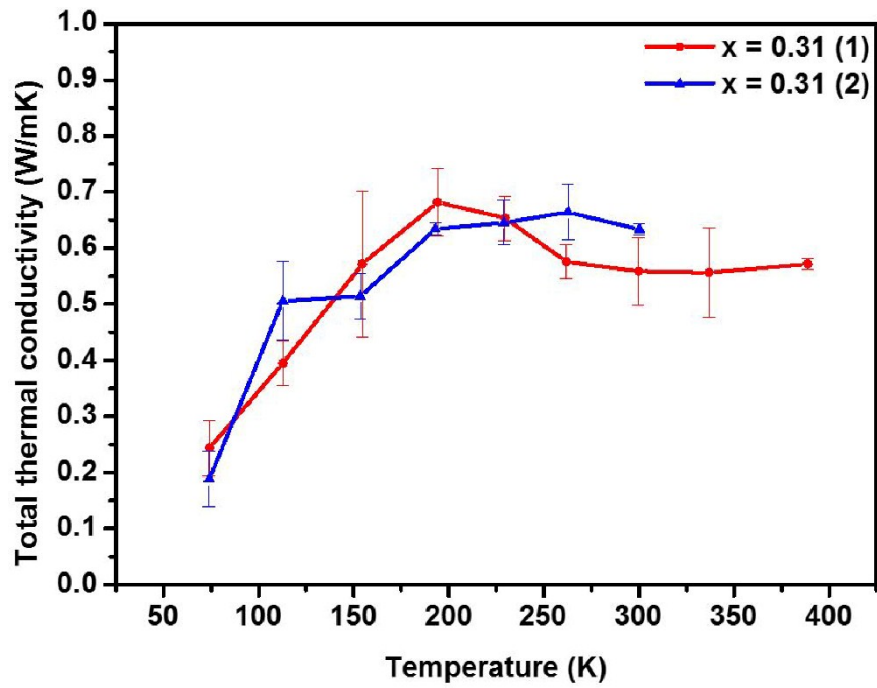


Fig. S4. Temperature dependence of total thermal conductivity of Sn_{1-x}Se thin films with $x=0.31$. (1) and (2) are from two different flakes lifted from a same thin film.