

## Supporting Information

### **Graphene Inclusion Induced Ultralow Thermal Conductivity and Improved Figure of Merit in *p*-type SnSe**

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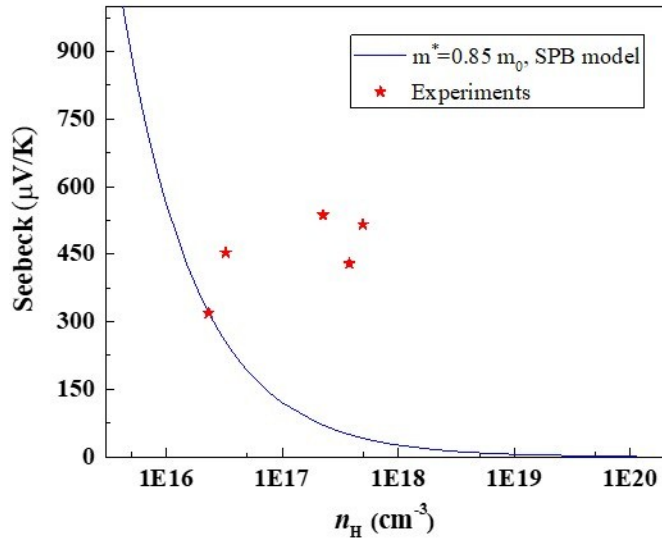


Fig. SI 1. The Pisarenko line calculated by the single parabolic band (SPB) model with the

equation 
$$S = \frac{8\pi^2 k_B^2}{3eh^2} m^* T \left( \frac{\pi}{3n} \right)^{\frac{2}{3}}, \text{ where } m^* = 0.85 m_0.$$