

Supporting Information for

Unusual Thermoelectric Properties Mediated by Solute Segregation in Tellurium Alloyed CoSbS

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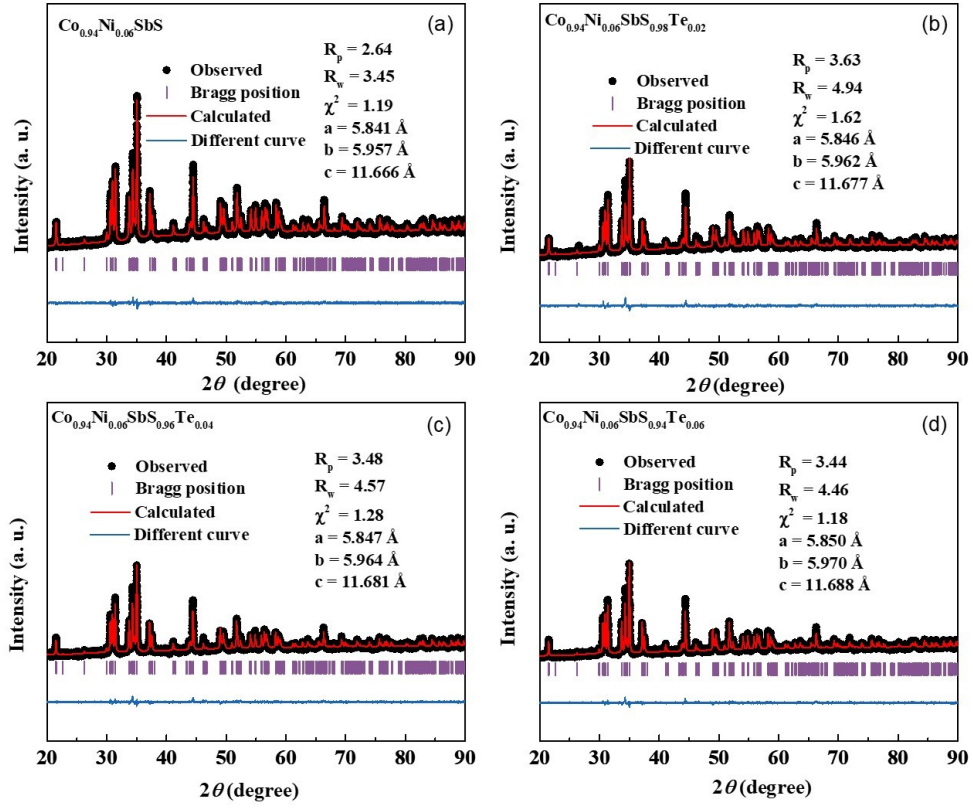


Figure S1. (a)-(d) XRD refinement result of $\text{Co}_{0.94}\text{Ni}_{0.06}\text{SbS}_{1-x}\text{Te}_x$ samples ($x = 0, 0.02, 0.04, \text{ and } 0.06$), respectively

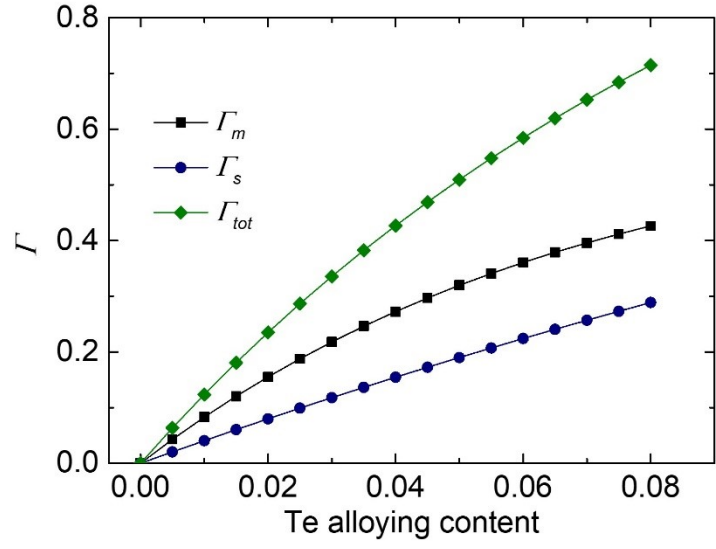


Figure S2. Comparison of the calculated imperfection scaling parameter obtained from the Callaway-Debye model, including Γ_{Tot} , Γ_m , and Γ_s are the total, mass, and strain field fluctuation disorder parameters, respectively.