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Supplementary materials for "Phase transition and superconductivity of selenium under pressure"

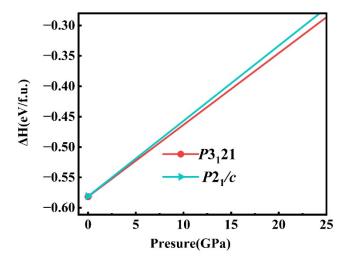


Figure S1. Enthalpy vs pressure curves for selenium with respect to *I4/mmm* phase and across the pressure range of 0-25 GPa.

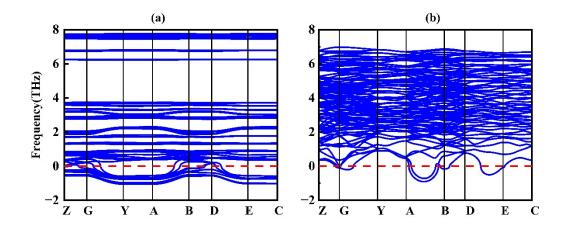


Figure S2. Phonon dispersion curves for $P2_1/c$ phase of selenium at pressure of (a) 0 and (b) 25 GPa, respectively.