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RESEARCH ARTICLE

Strong anisotropy of thermal transport in the monolayer of a new puckered phase of PdSe

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Supporting Information

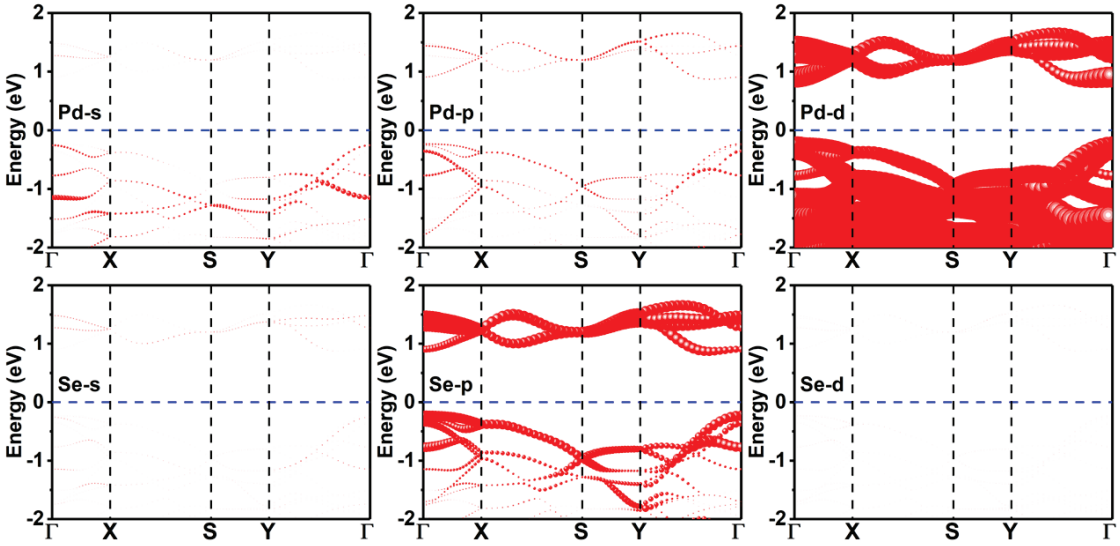

Fig. S1 Projected band structure of PdSe monolayer.

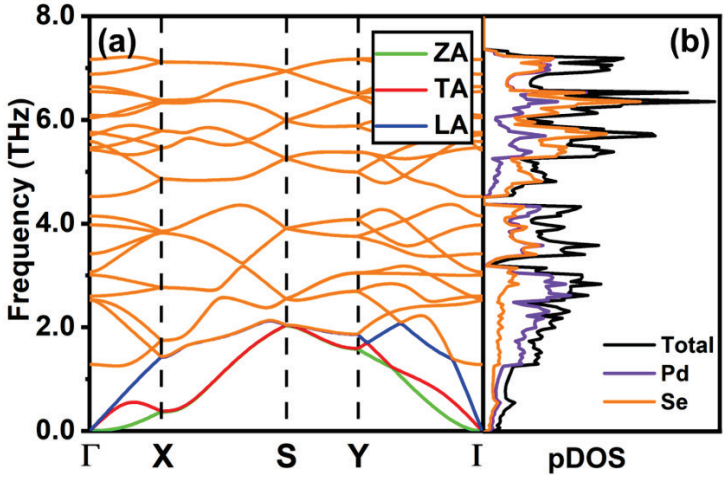

Fig. S2 **(a)** The phonon dispersion and **(b)** phonon density of states (pDOS) of PdSe monolayer.

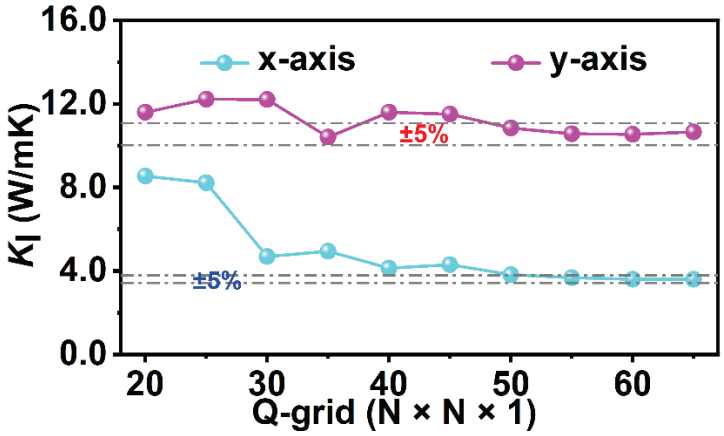

Fig. S3 The Q-grid test for lattice thermal conductivity along *x*- and *y*-axis at 300 K.

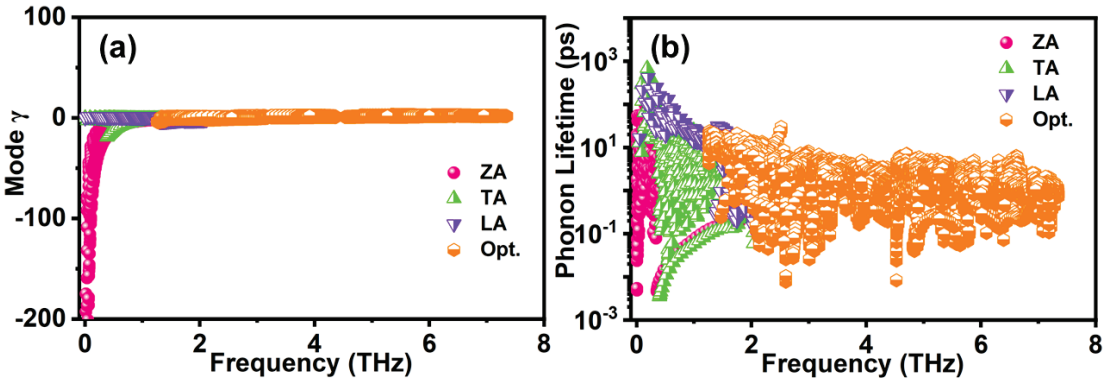

Fig. S4 The mode-resolved **(a)** Grüneisen parameter and **(b)** phonon lifetime at room temperature.