Storage of Na in 2D SnS for Na ion batteries: A DFT Prediction

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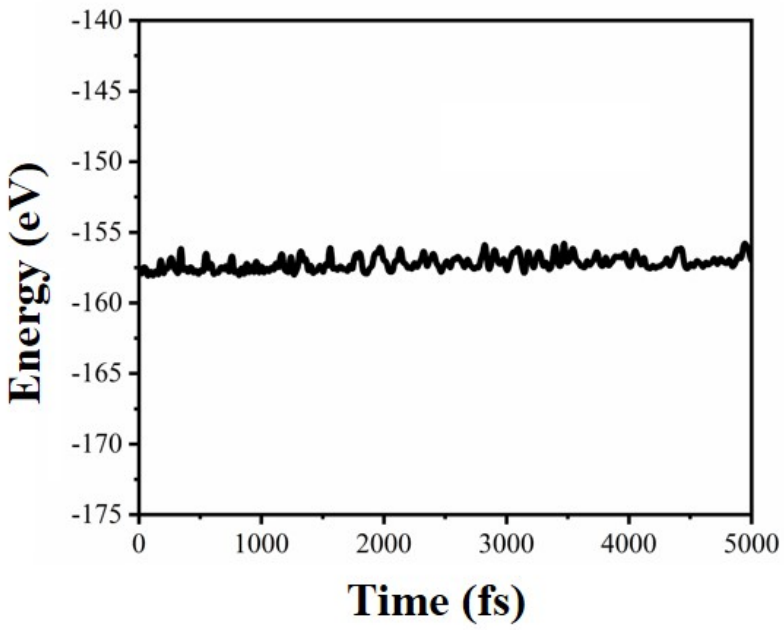

Fig. S1. AIMD simulations of SnS monolayer at 300 K for 5000 fs.

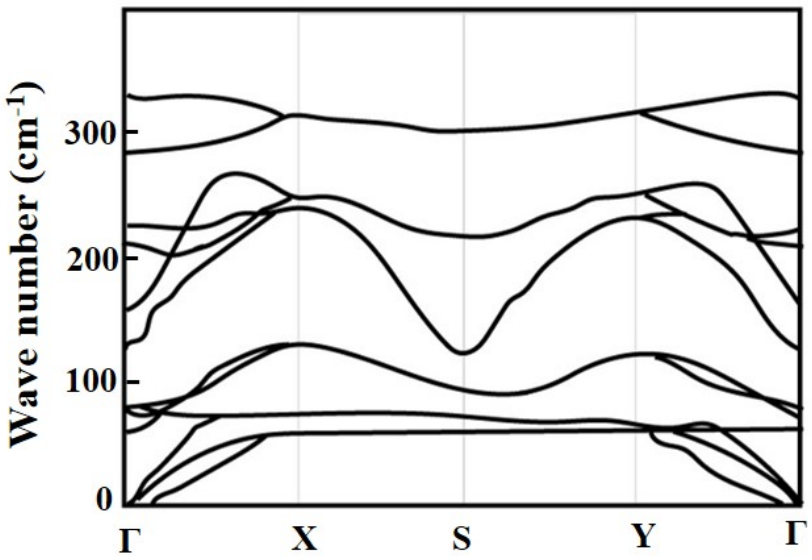

Fig. S2. Phonon dispersion of SnS sheet

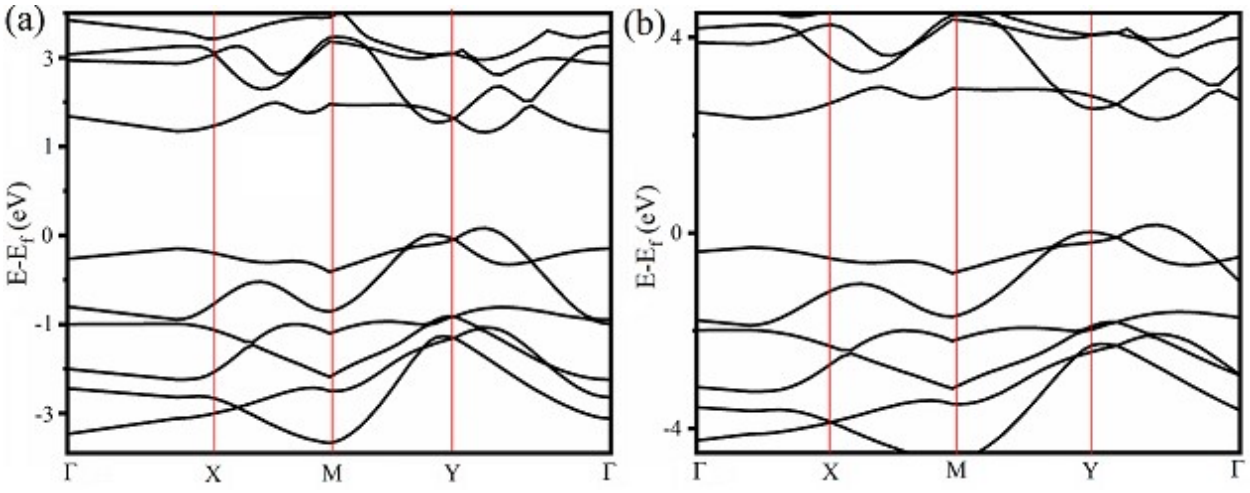

Fig. S3 The band structure of pristine SnS monolayer using (a) GGA-PBE and (b) HSE06 functional