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2 **Supplementary Figure 1.** Numerical simulation results of SUP-MoS₂ and SUS-MoS₂ adopting the TEC
3 of monolayer from previous literature. (a), (c) corresponding to the strain of SUP-MoS₂ at 200K and
4 500K, respectively. (b), (d) corresponding to the strain of SUS-MoS₂ at 200 K, and 500K, respectively.
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