

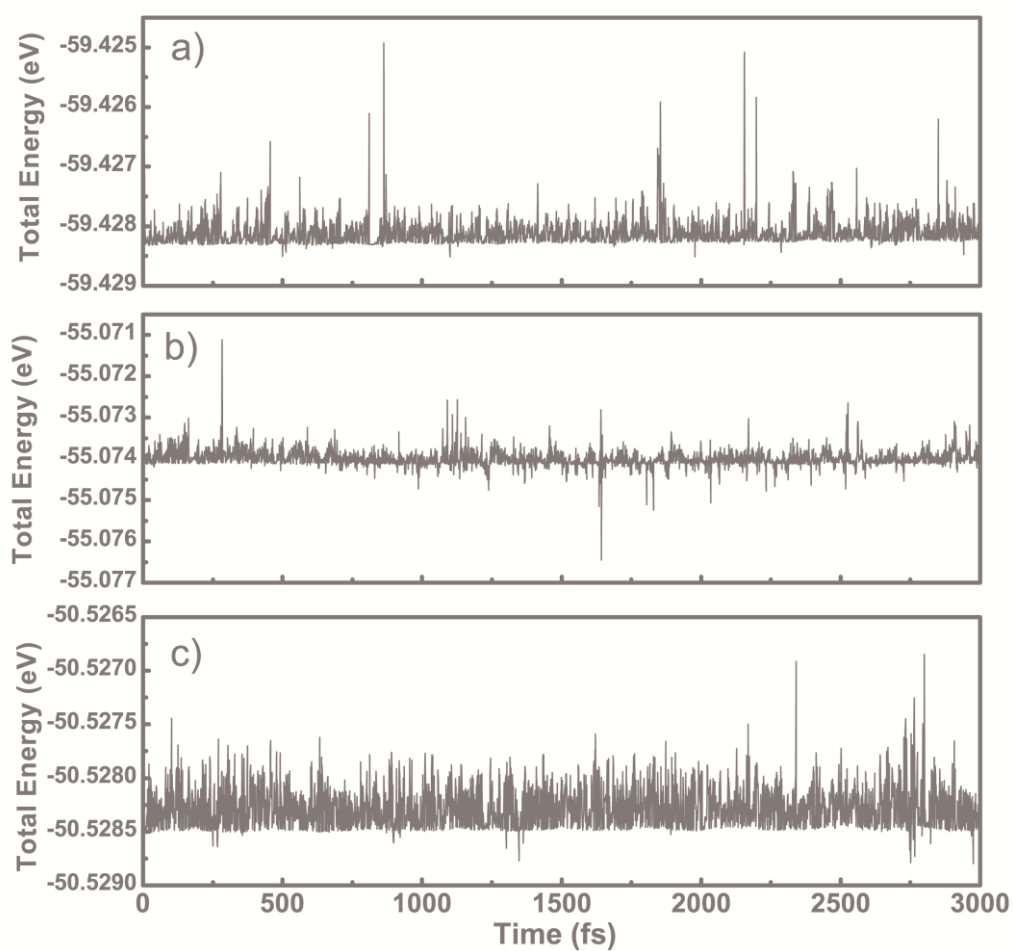
## Supporting information for

### Halogenated Two-Dimensional Germanium: Candidate Materials Being of Quantum Spin Hall State

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**Figure S1.** Changes of energy with time obtained from molecular dynamics simulations of Cl-germanene (a), Br-germanene (b) and I-germanene (c).