

Supplementary Information

Phonon thermal conductivity reduction in silicene nanotubes with isotope substitution

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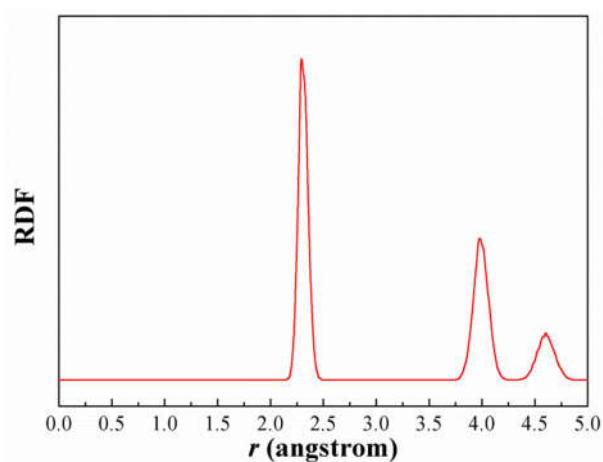


Fig.S1 Selected radial distribution function (RDF) for the optimized SNT. The position of the first peak of RDF shows the nearest-neighbor distance of 0.229 nm.

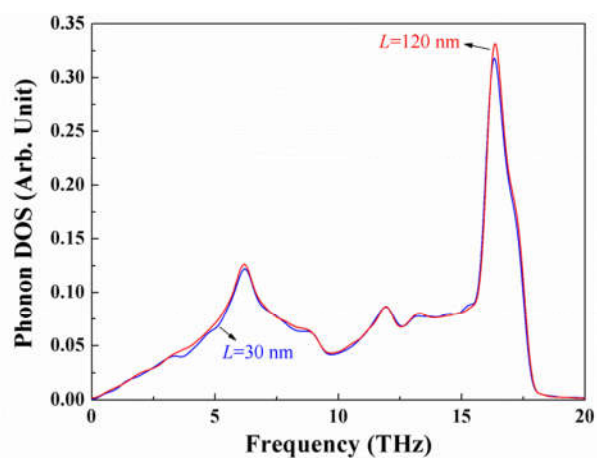


Fig.S2 Phonon DOS of 8 nm-diameter armchair SNTs with 30 nm length and 120 nm length, respectively.