

Supplementary Information

Flexible band gap tuning of hexagonal boron nitride sheets interconnected by acetylenic bonds

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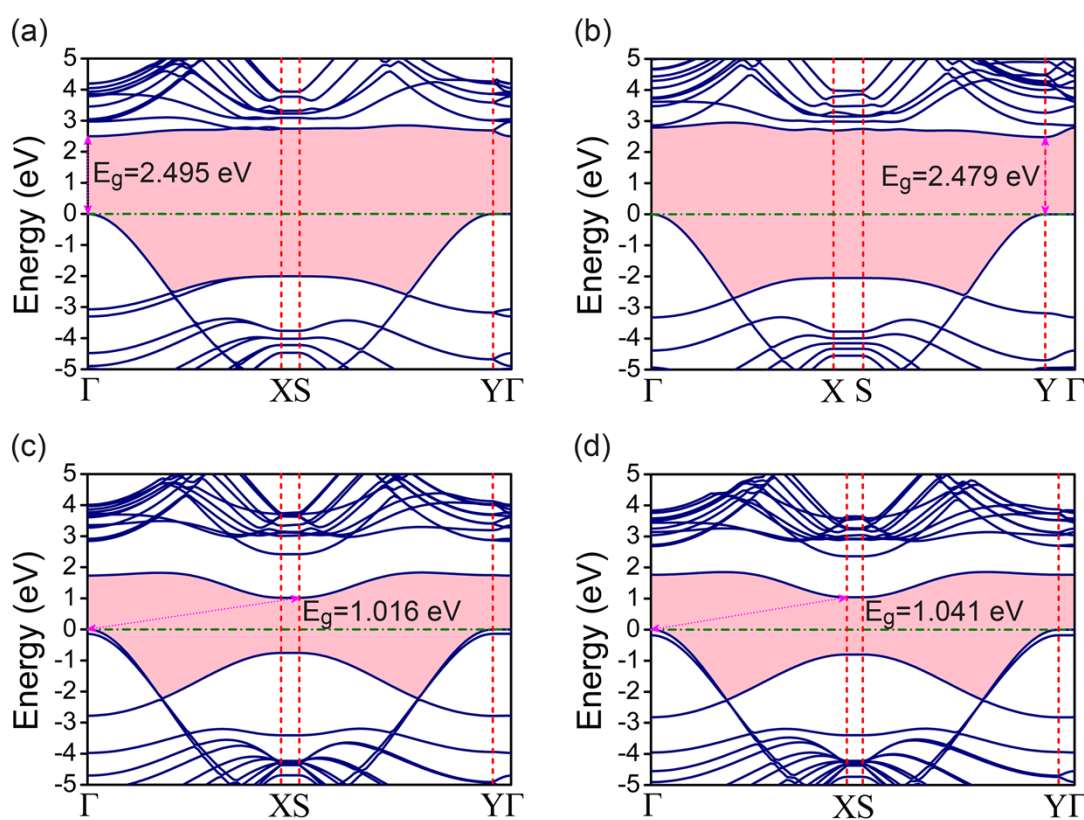


Fig. S1 Band structures of (a) 4-BNyne-Type I, (b) 5-BNyne-Type I, (c) 4-BNyne-Type II, (d) 5-BNyne-Type II obtained by using HSE06 hybrid functional. The horizontal dash-dot lines indicate the Fermi level.