Potential Energy Landscape of CO Adsorbates on NaCl(100) and Implications in

Isomerization of Vibrationally Excited CO

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SUPPORTING INFORMATION

Figure S1. Convergence test of DFT parameters. (a) Adsorption potential energies of CO in the $p(2\times2)$ unit cell calculated with several functionals and different numbers of NaCl(100) slab layers, using a *k*-point mesh of $3\times3\times1$; (b) Adsorption potential energies of CO in the $p(1\times1)$ unit cell calculated with the PBE-D3(BJ) functional with different values of *k*-point mesh.









