

图 1: MASnCl<sub>3</sub> NEB

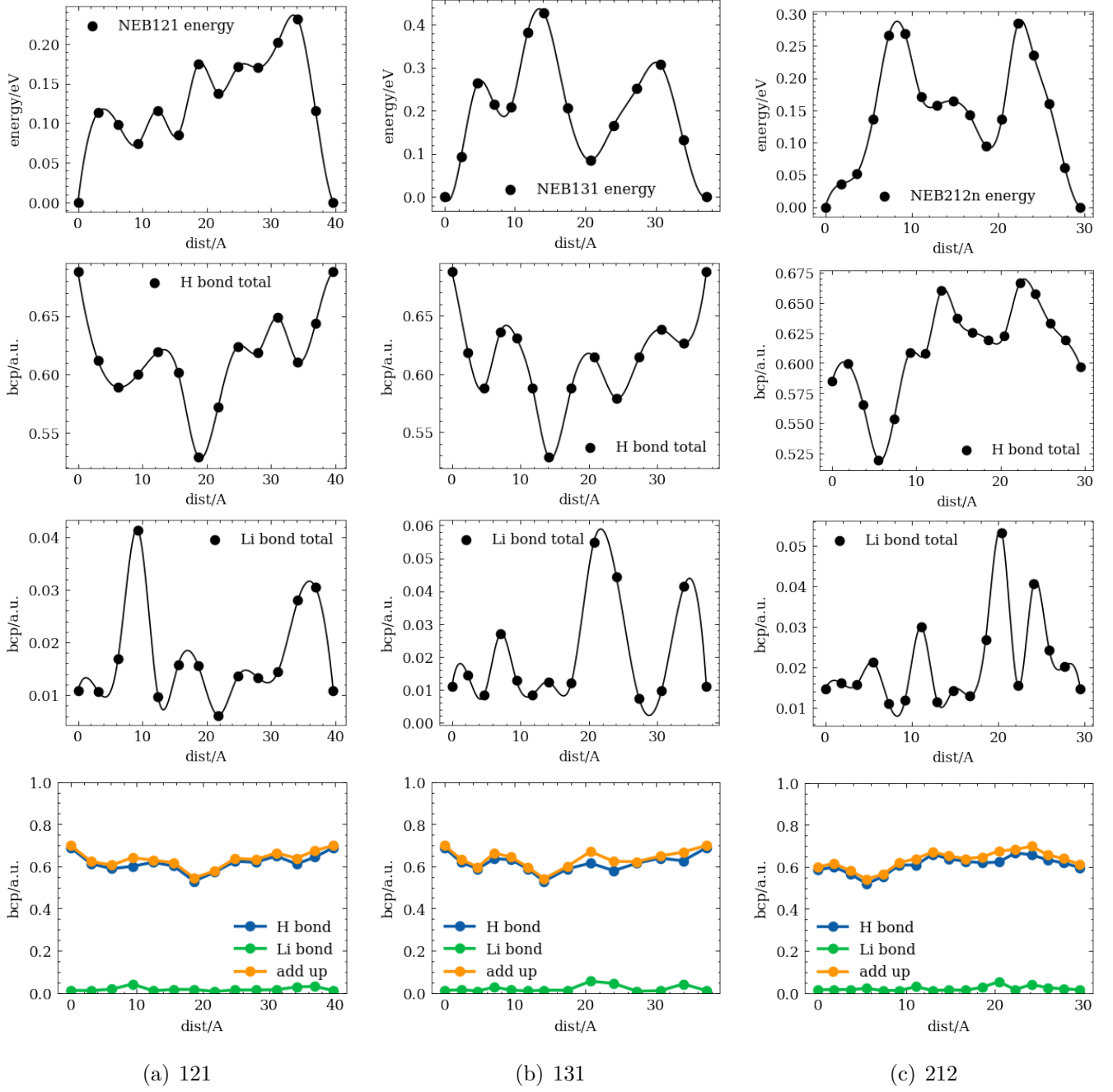
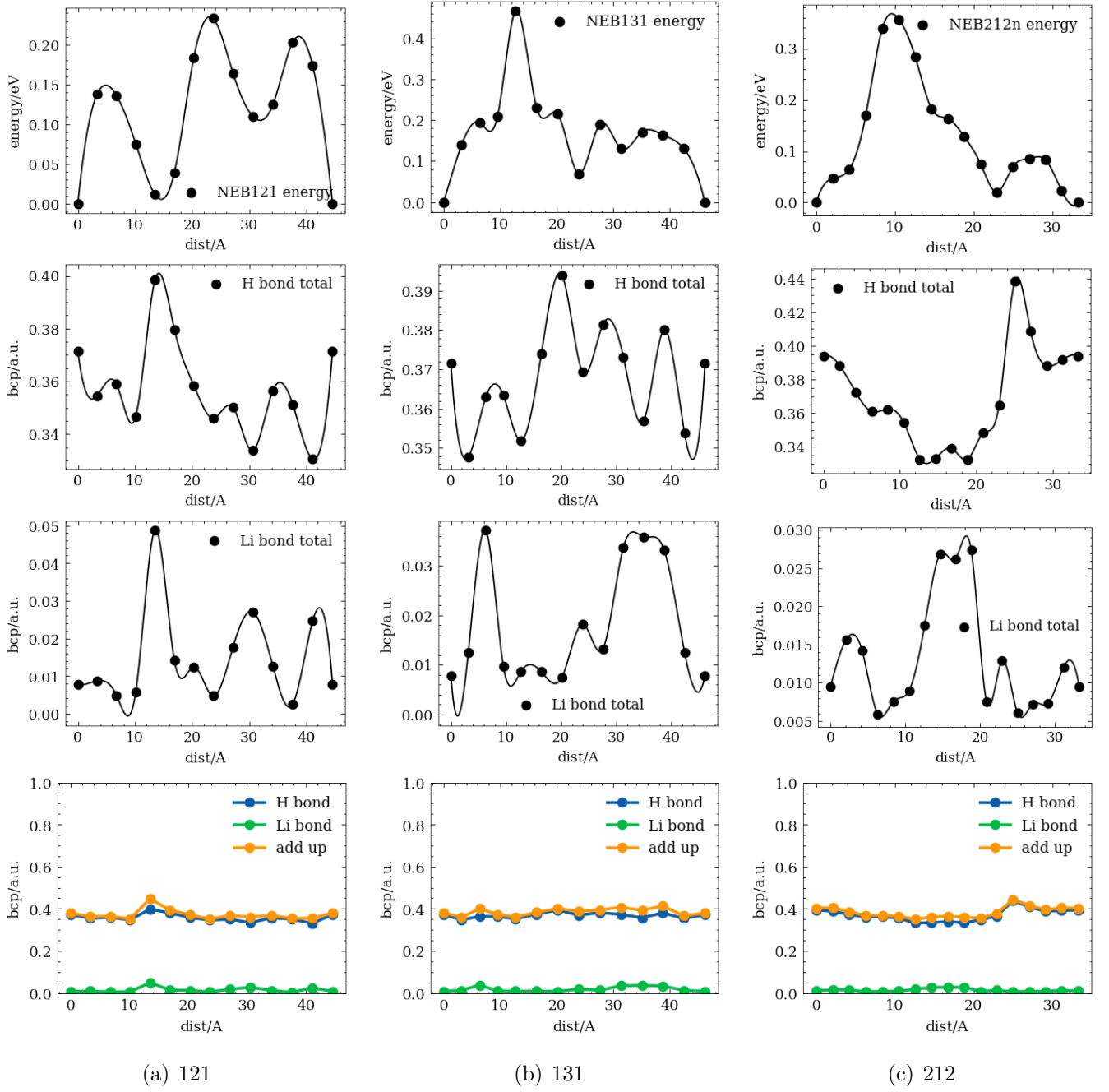
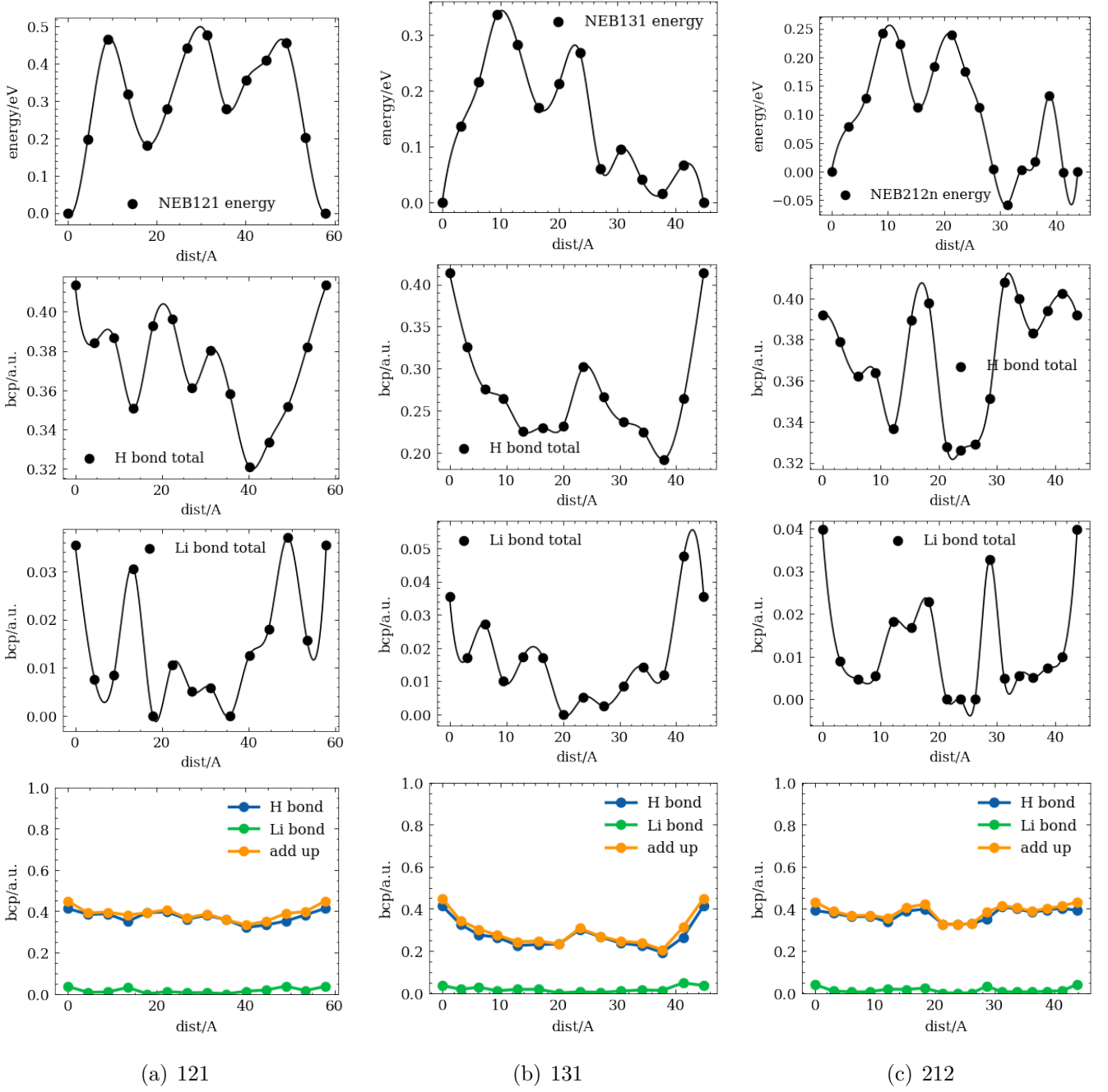


图 2: MASnBr<sub>3</sub> NEB

图 3: MASnI<sub>3</sub> NEB

图 4: MAPbBr<sub>3</sub> NEB