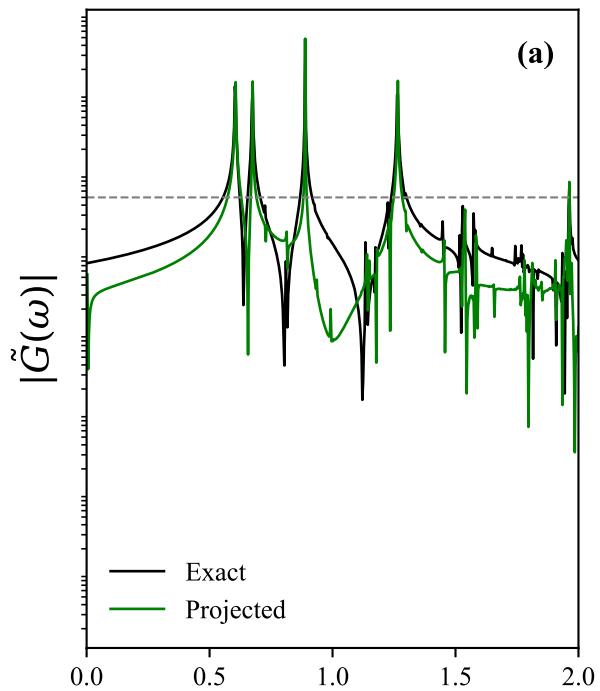
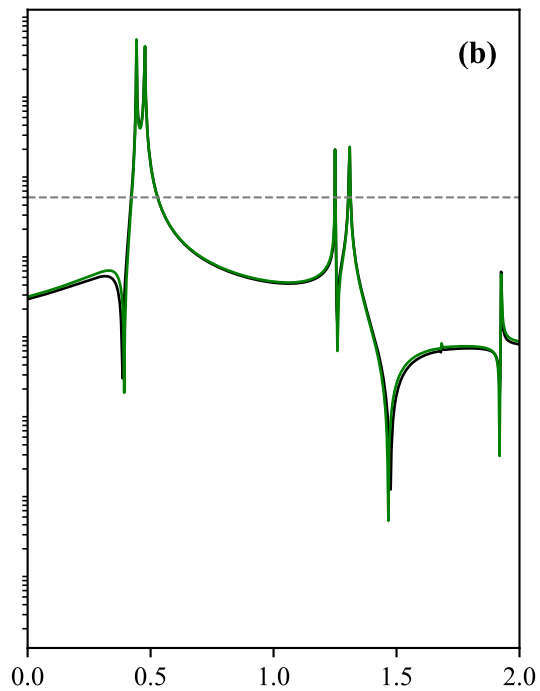
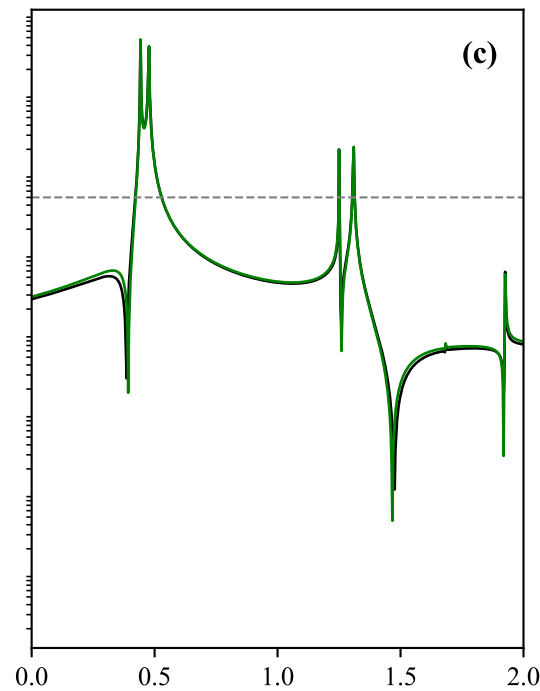
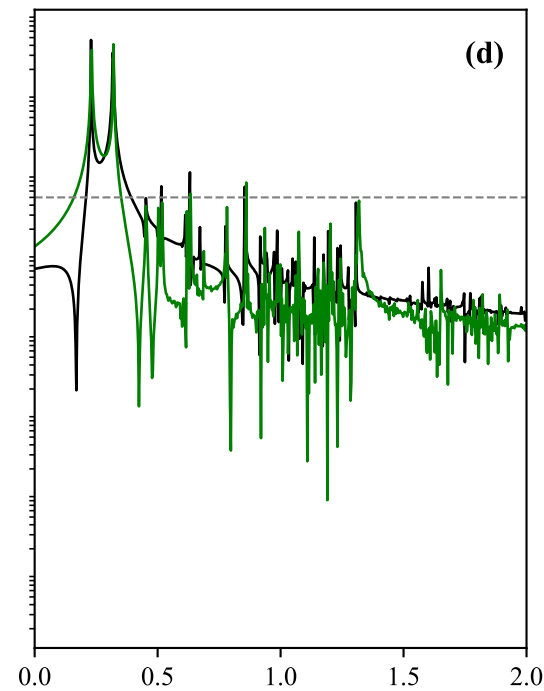
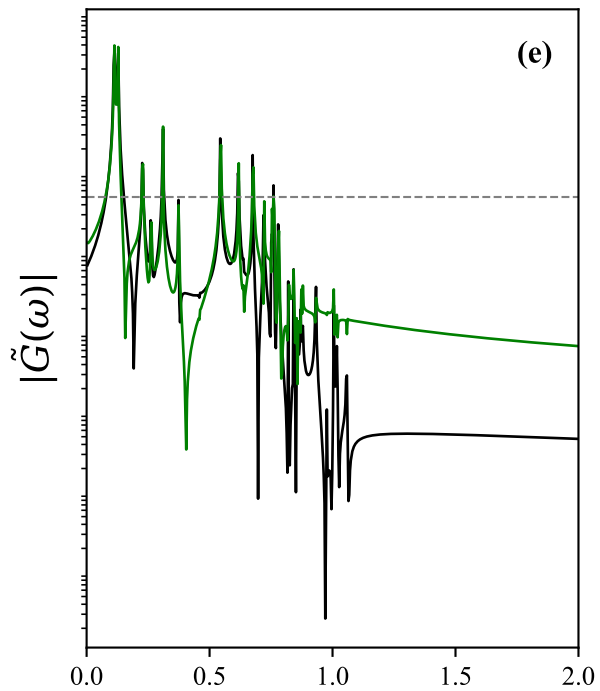
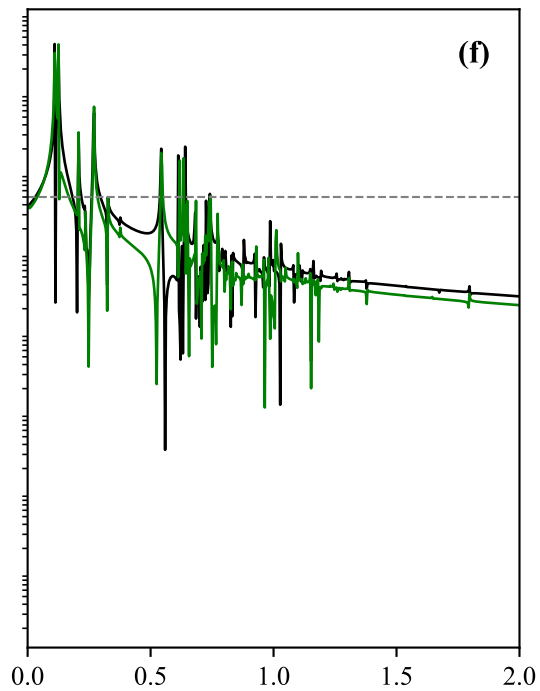
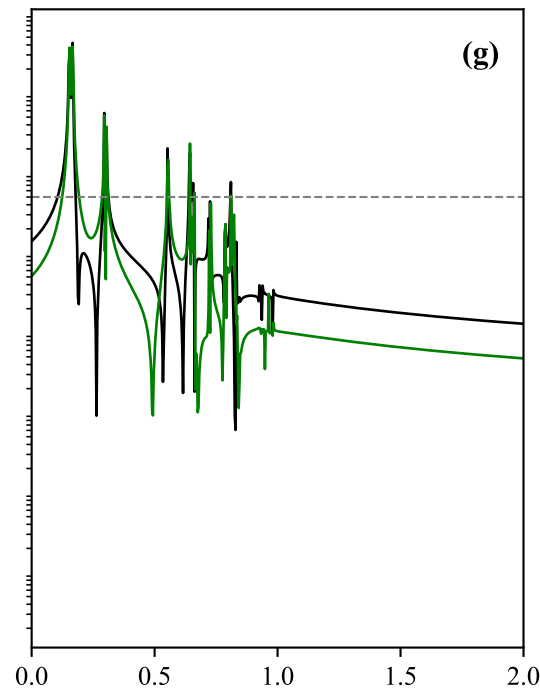


N2 (CC-PVDZ, $R=1.1 \text{ \AA}$, $n_o=8$, $n_e=10$)HCl (STO-6G, $R=1.2 \text{ \AA}$, $n_o=10$, $n_e=18$)HCl (STO-6G, $R=1.2 \text{ \AA}$, $n_o=10$, $n_e=18$)CO (CC-PVDZ, $R=1.2 \text{ \AA}$, $n_o=8$, $n_e=10$)LiH (6-31G, $R=1.5 \text{ \AA}$, $n_o=10$, $n_e=4$)LiH (CC-PVDZ, $R=1.5 \text{ \AA}$, $n_o=16$, $n_e=4$)LiH (6-31G, $R=1.5 \text{ \AA}$, $n_o=10$, $n_e=4$)LiH (CC-PVDZ, $R=1.5 \text{ \AA}$, $n_o=16$, $n_e=4$)