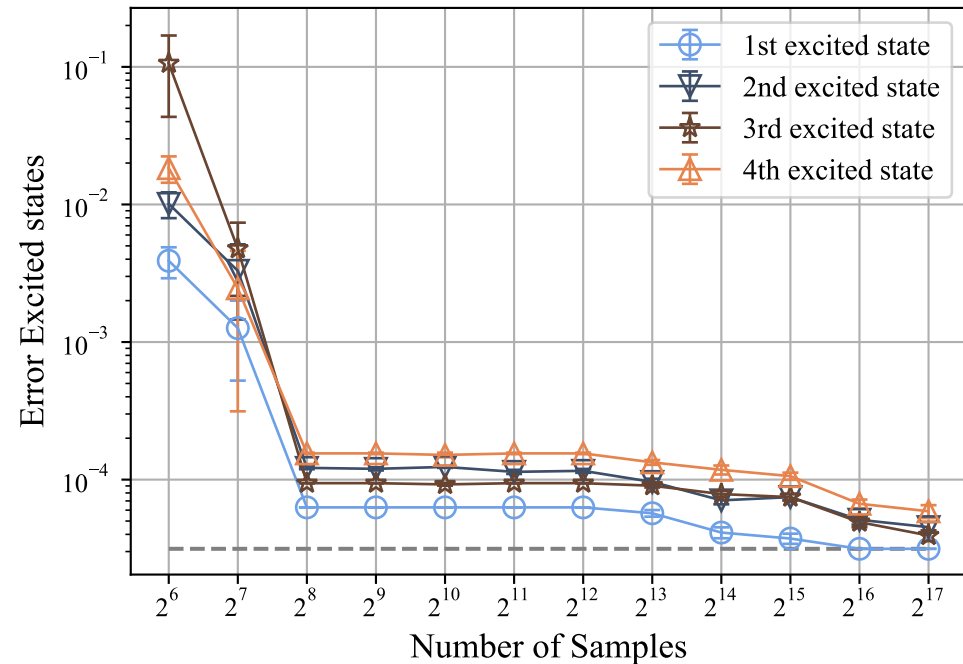


HCl (STO-6G, $R=1.2 \text{ \AA}$, $n_o = 10$, $n_e = 18$)LiH (6-31G, $R=1.5 \text{ \AA}$, $n_o = 10$, $n_e = 4$)