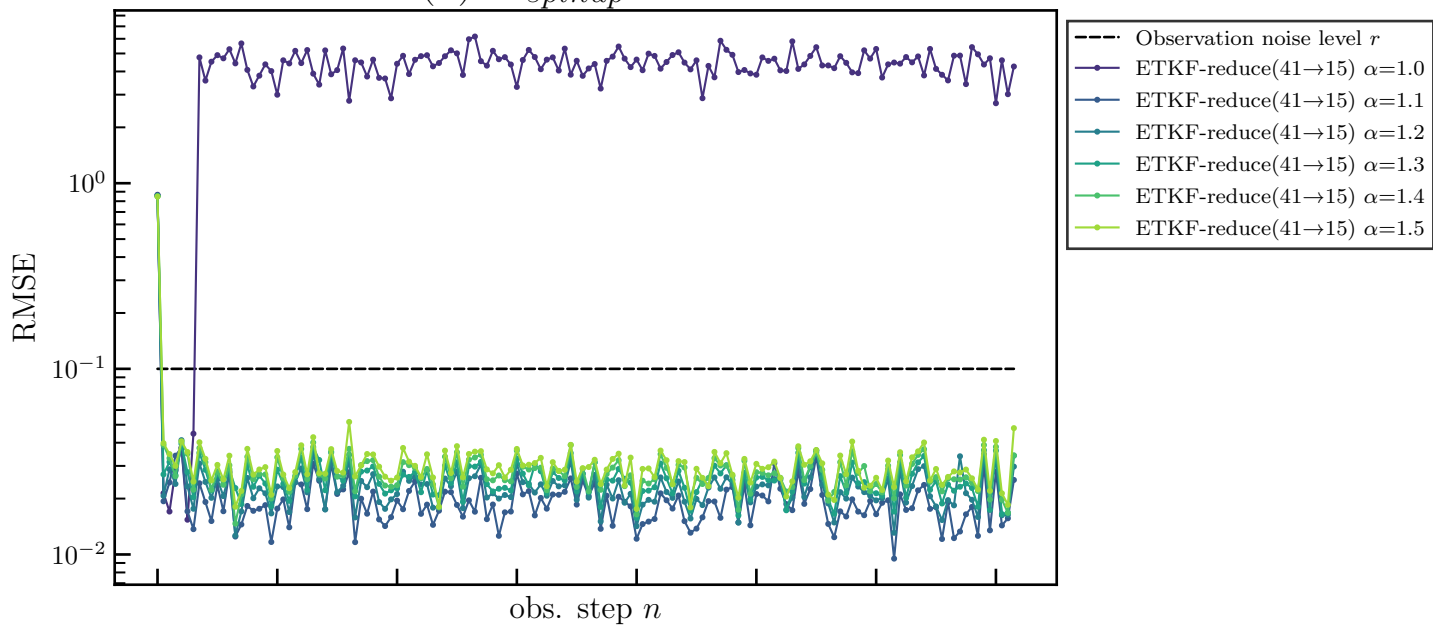


(a) $N_{spinup} = 720$



(b) $N_{spinup} = 0$

