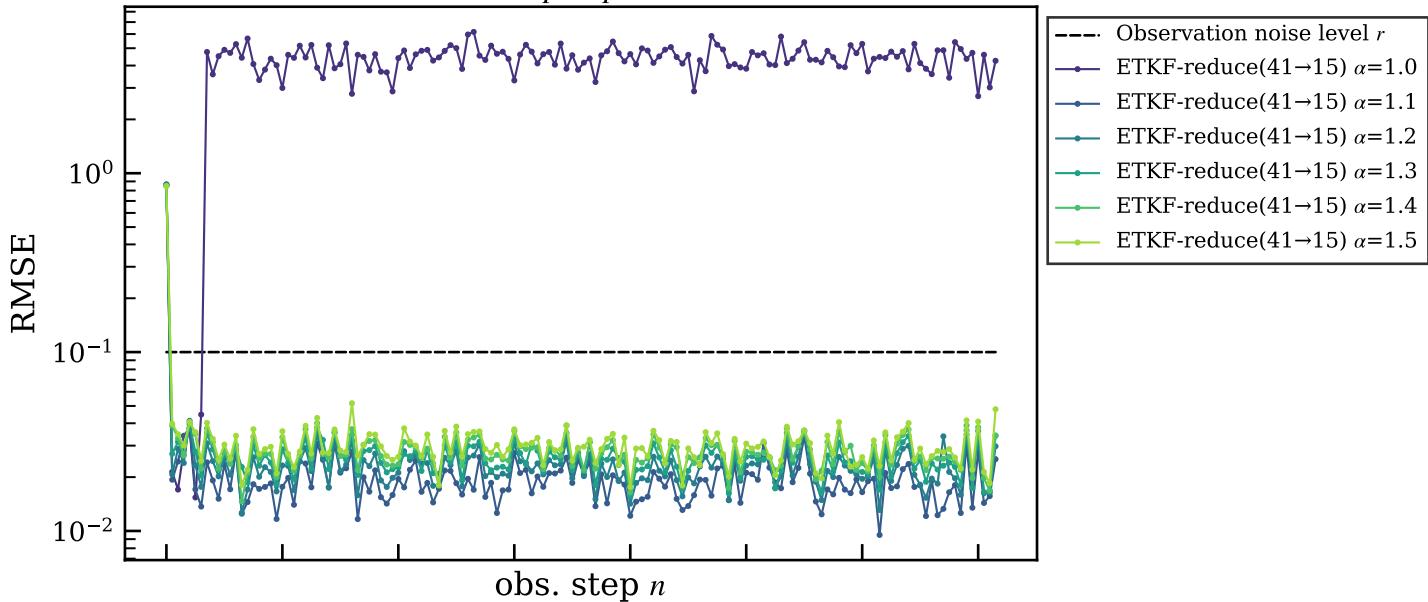


(a)  $N_{spinup} = 720$



(b)  $N_{spinup} = 0$

