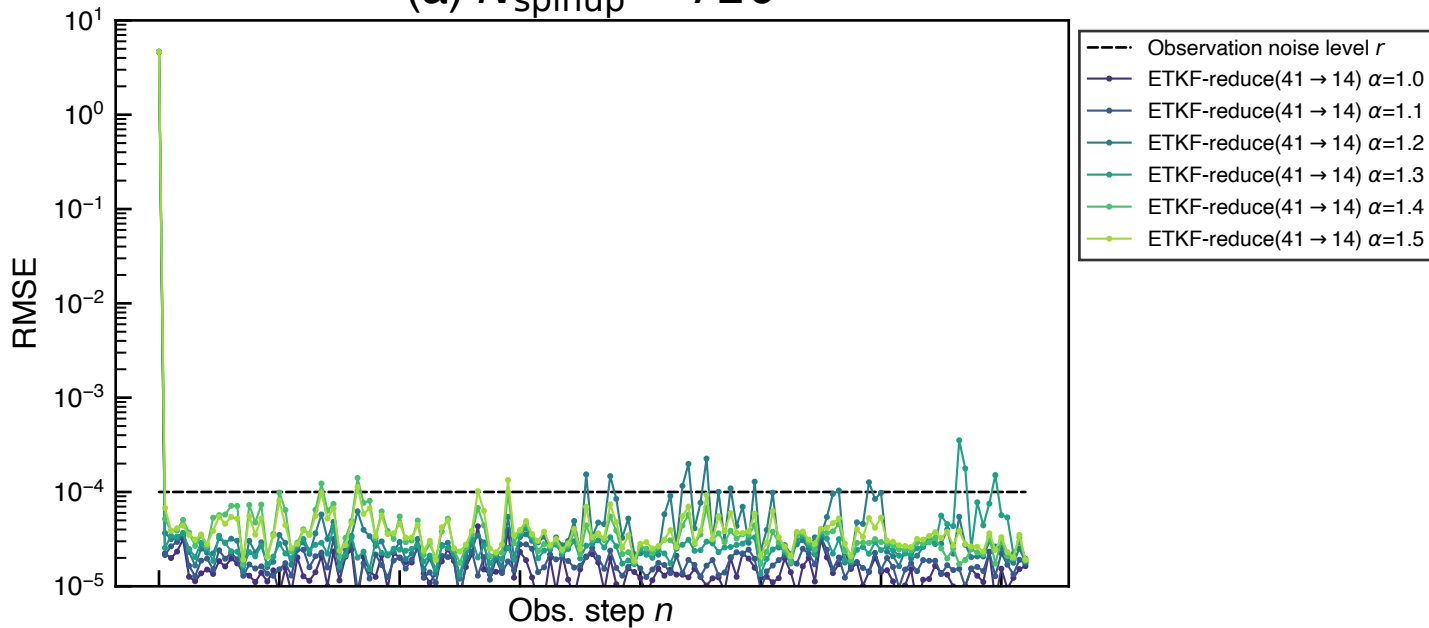


(a)  $N_{\text{spinup}} = 720$



(b)  $N_{\text{spinup}} = 0$

