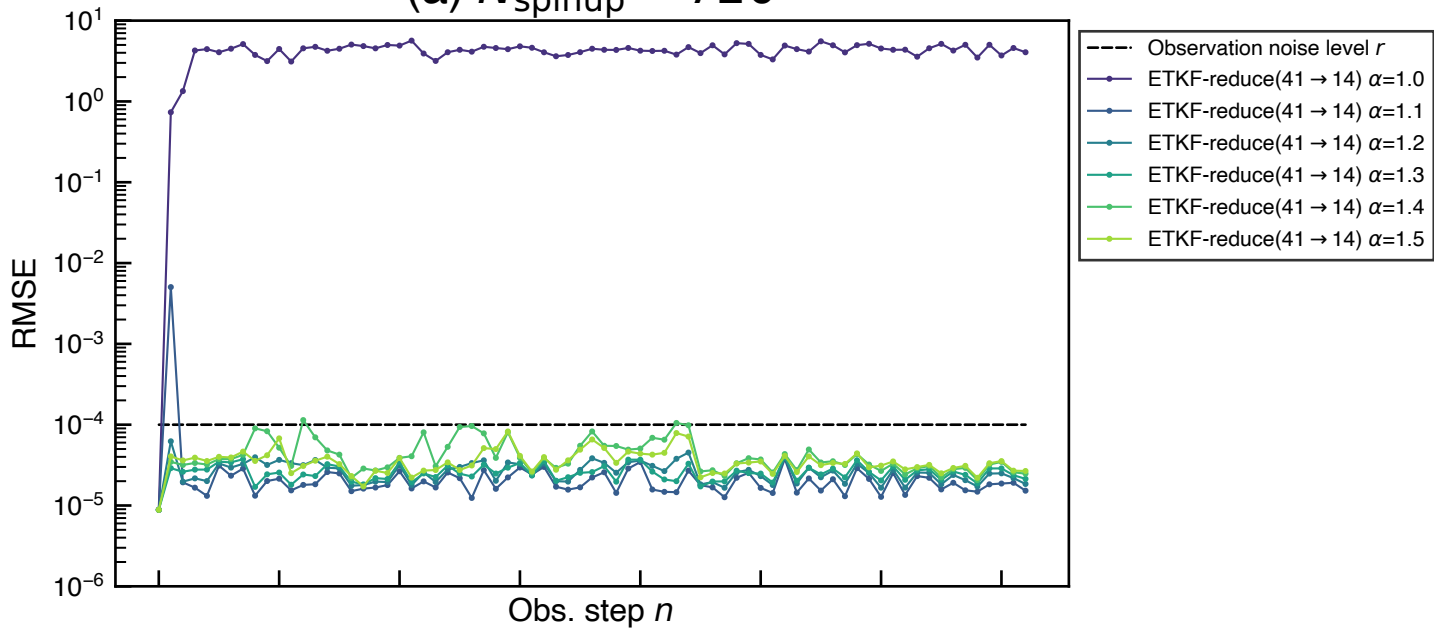


(a) $N_{\text{spinup}} = 720$



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

