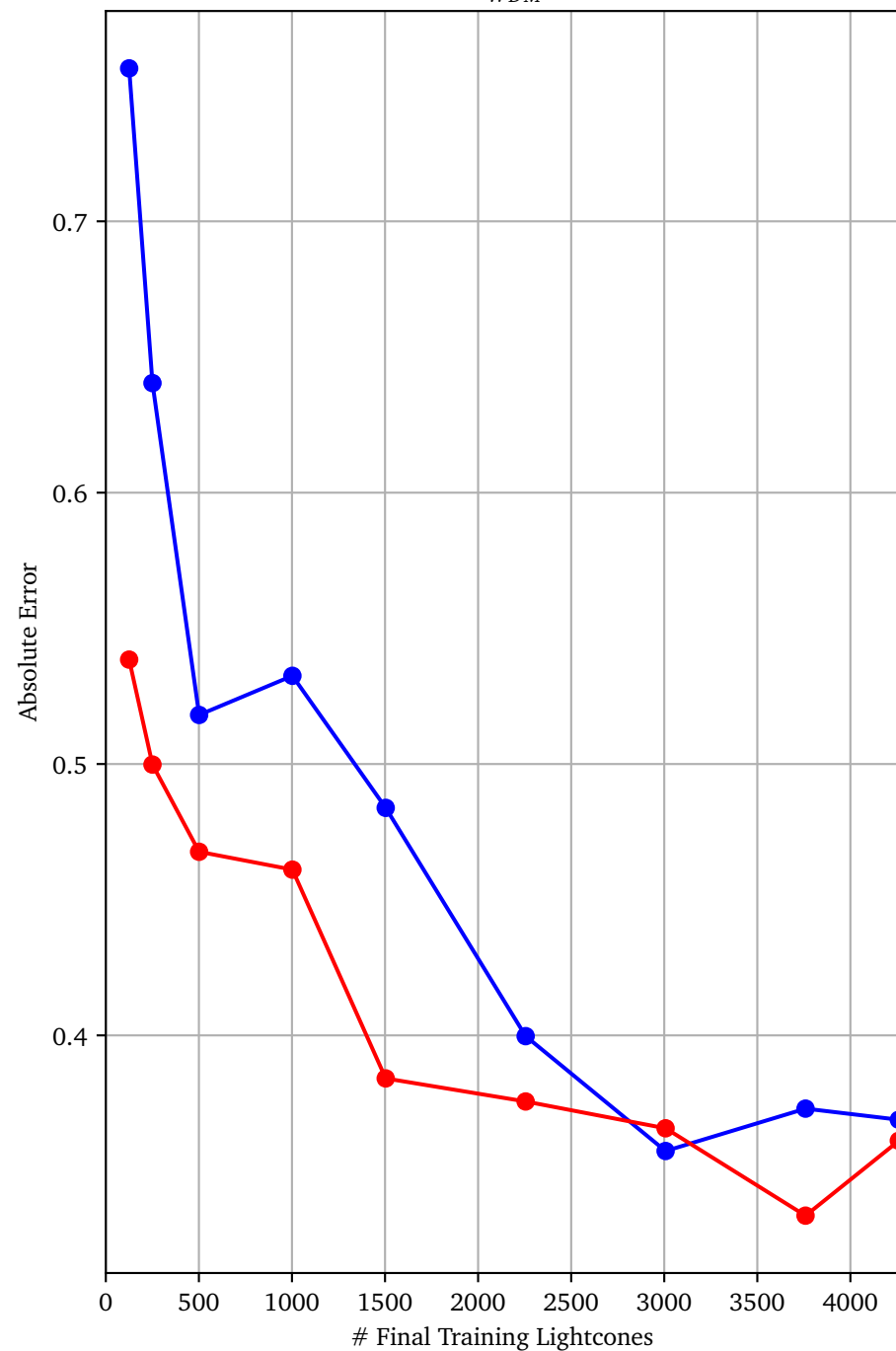
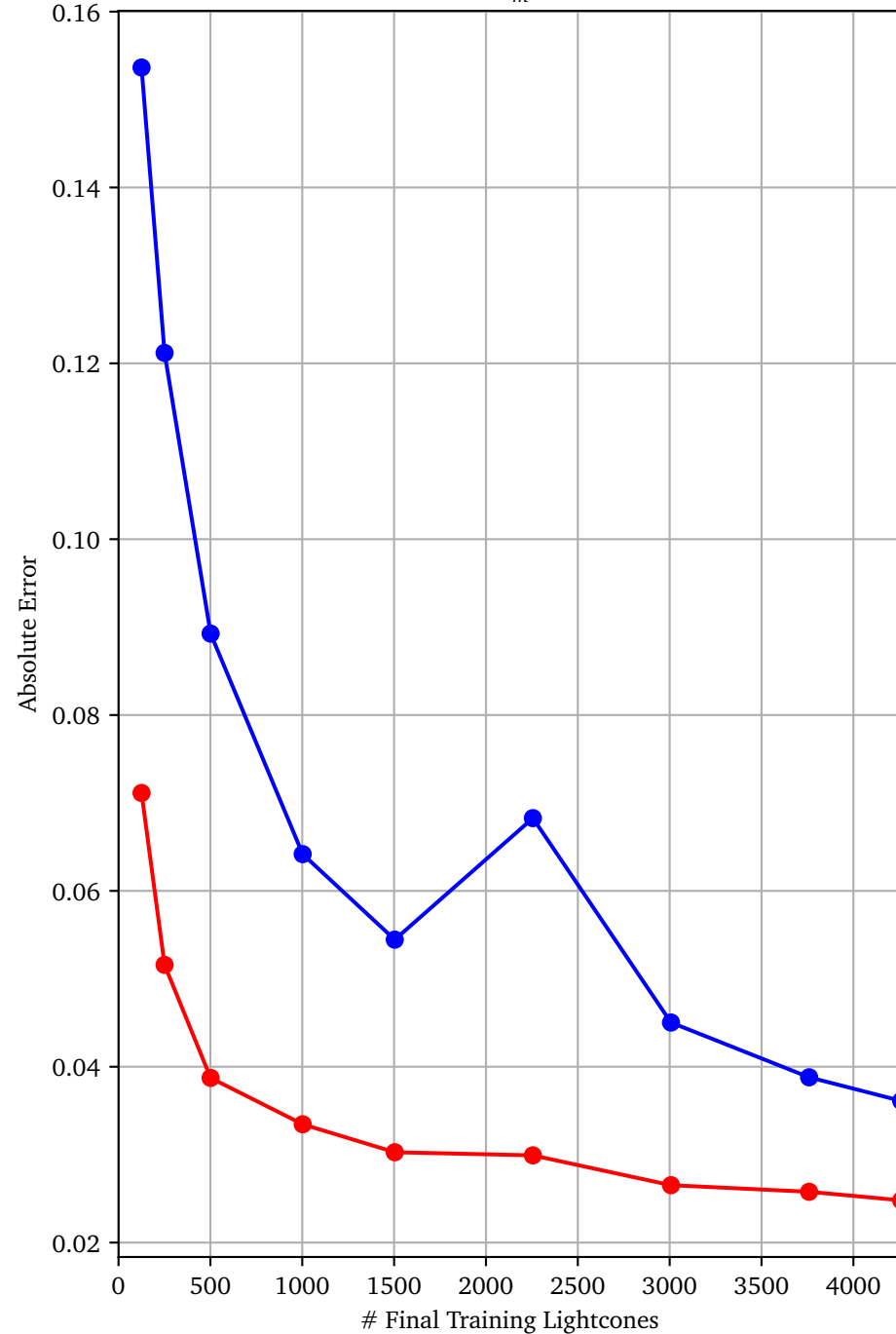
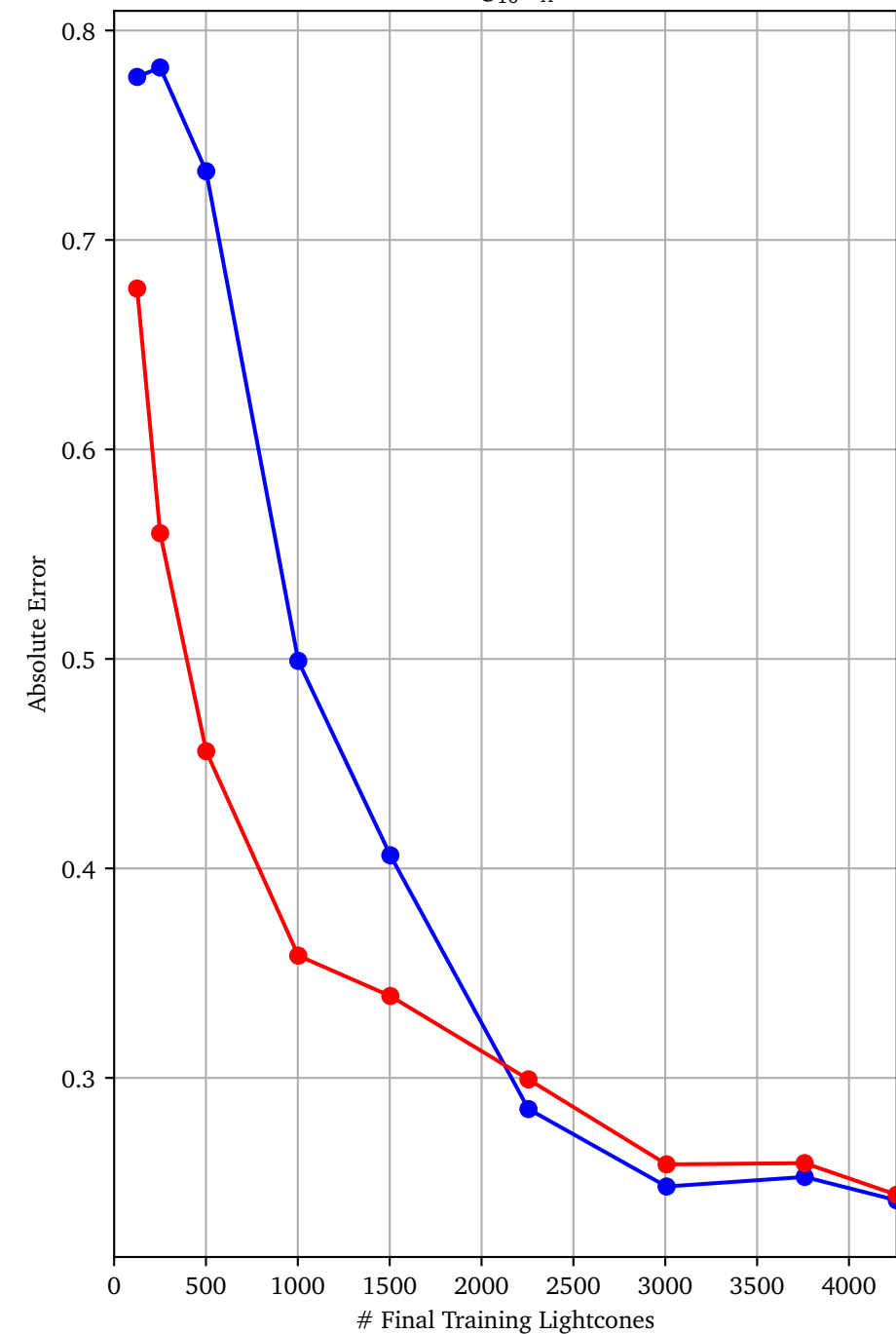
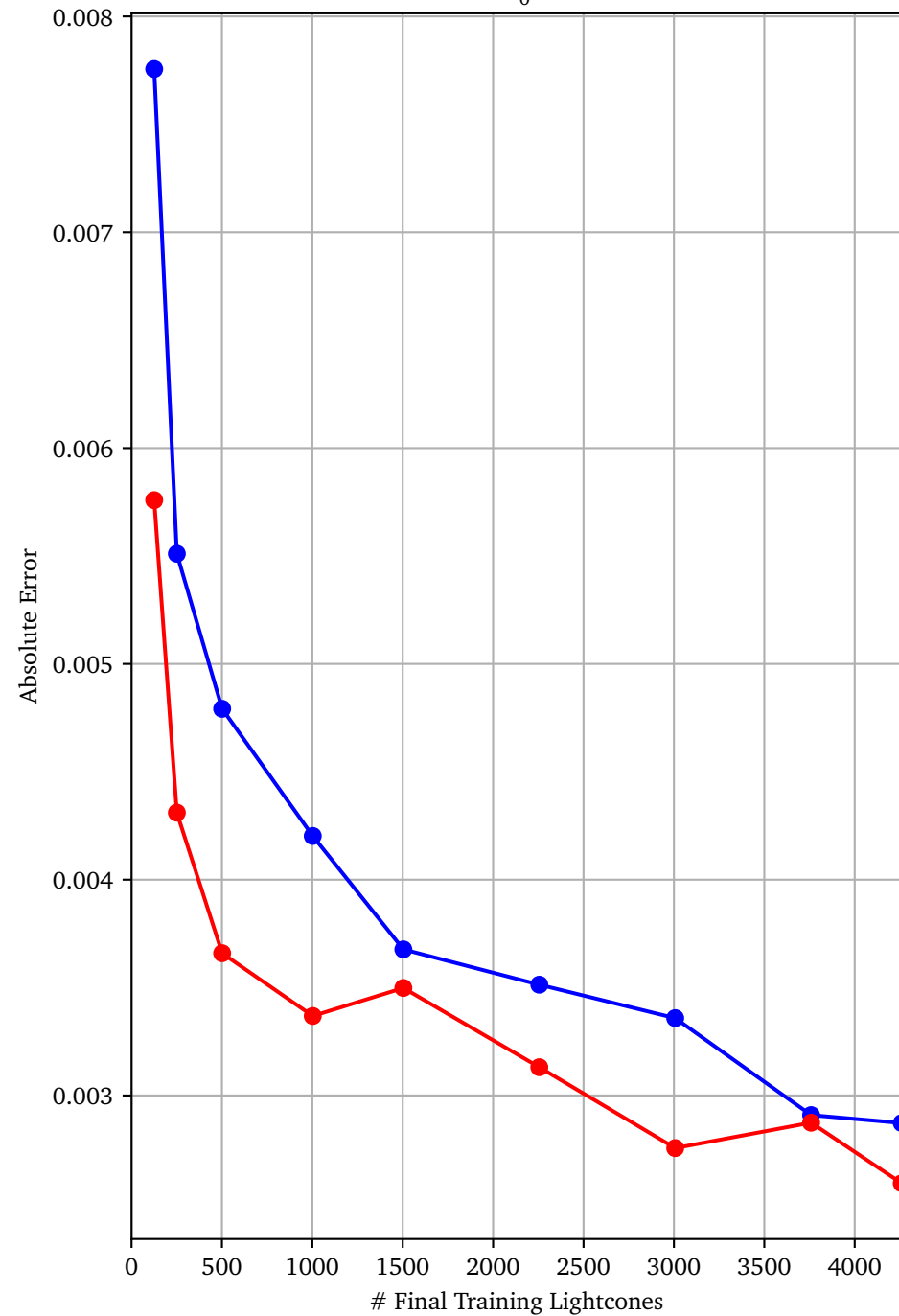
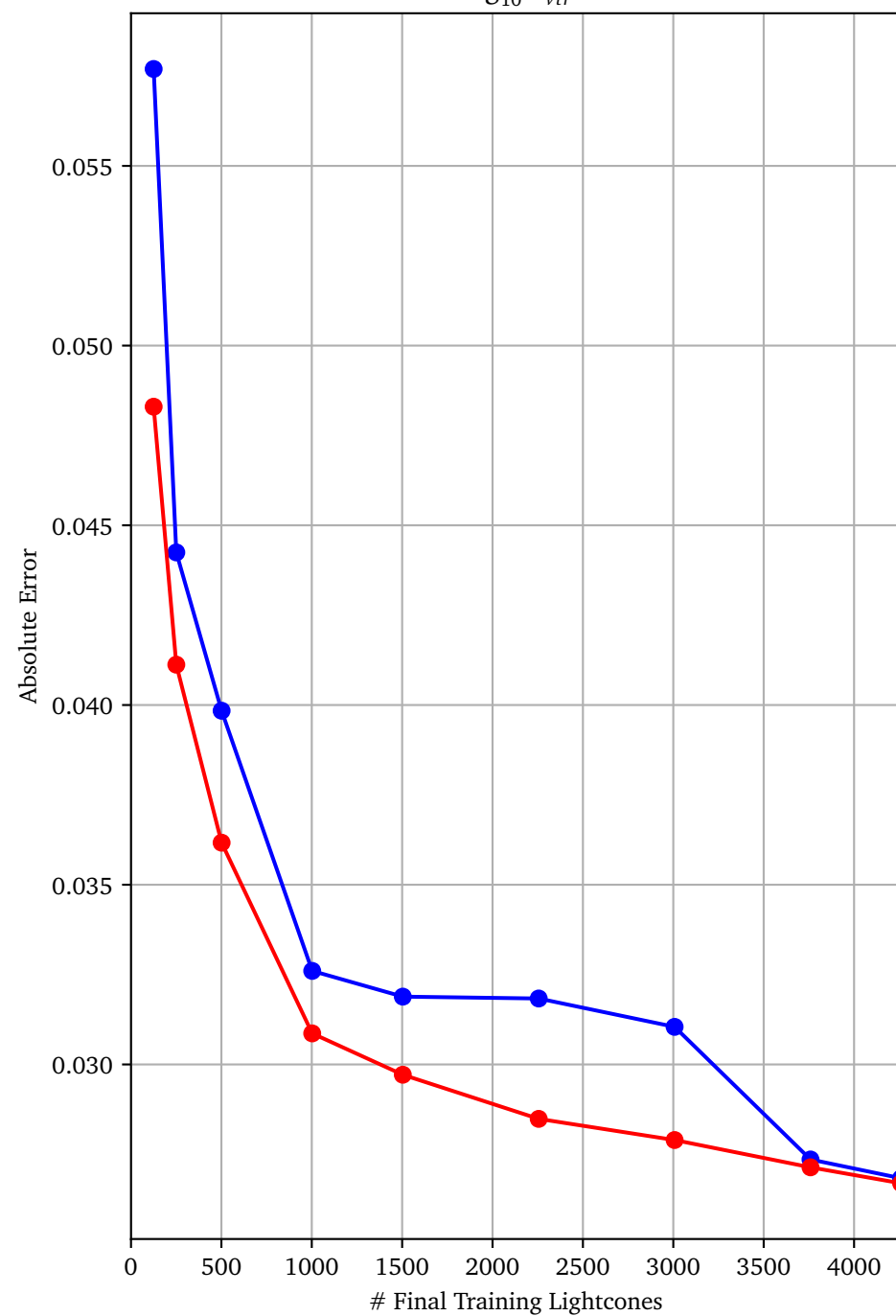


m_{WDM}  Ω_m  $\log_{10} L_X$  E_0  $\log_{10} T_{vir}$  ζ 