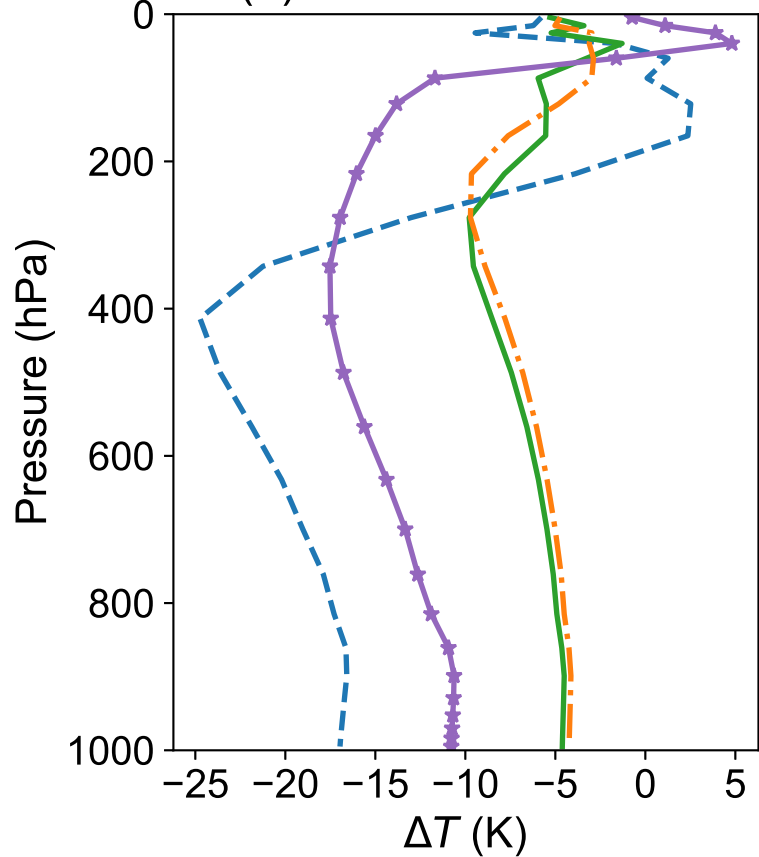
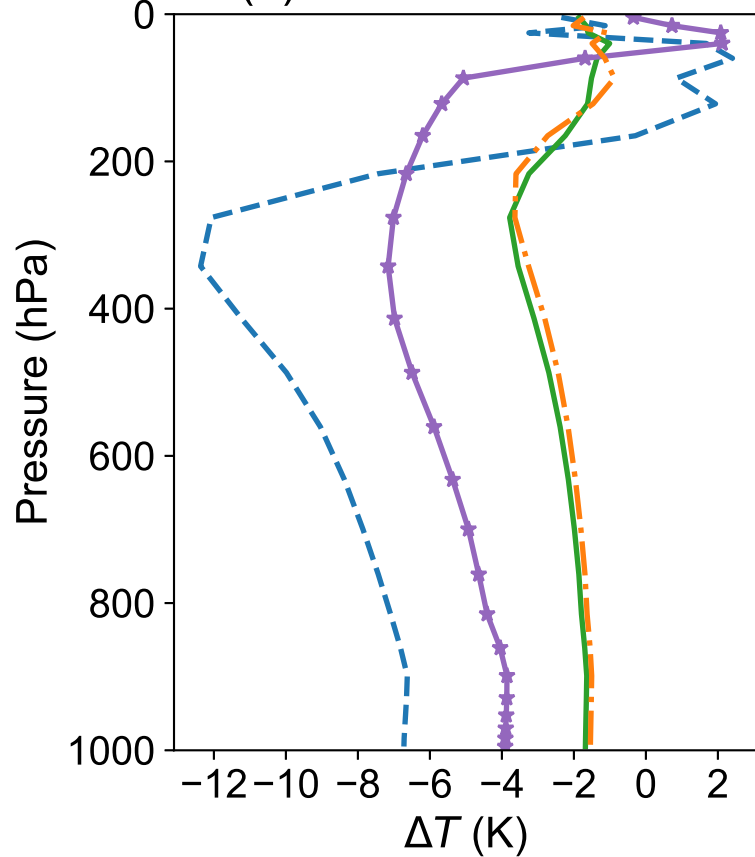


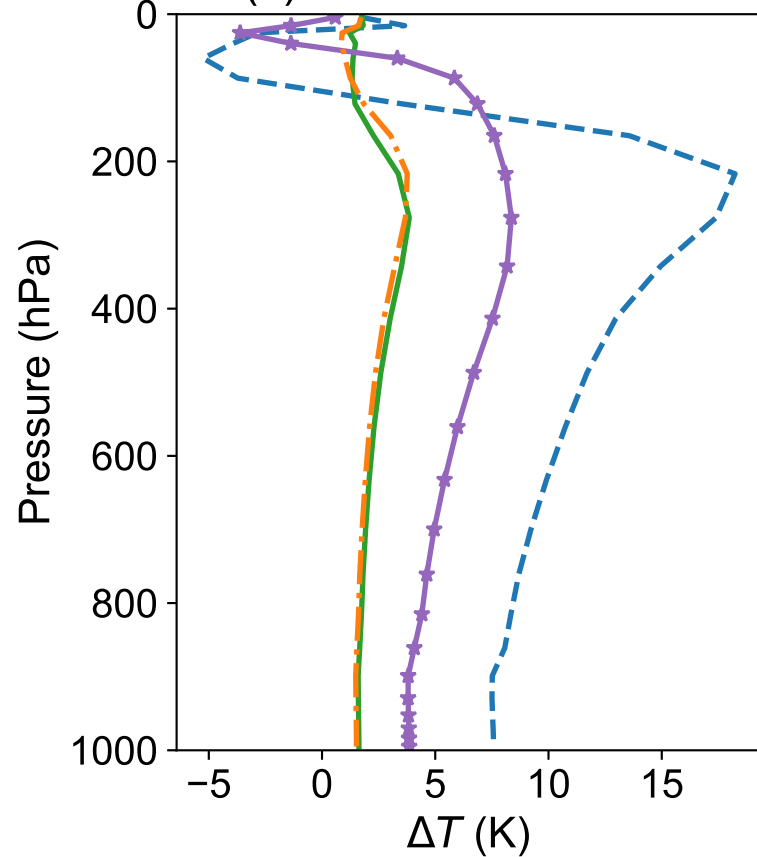
(a)  $\alpha = 0.38 - \alpha = 0.3$



(b)  $\alpha = 0.33 - \alpha = 0.3$



(c)  $\alpha = 0.27 - \alpha = 0.3$



BOG

Frierson

RRTM

BOG-qctrl