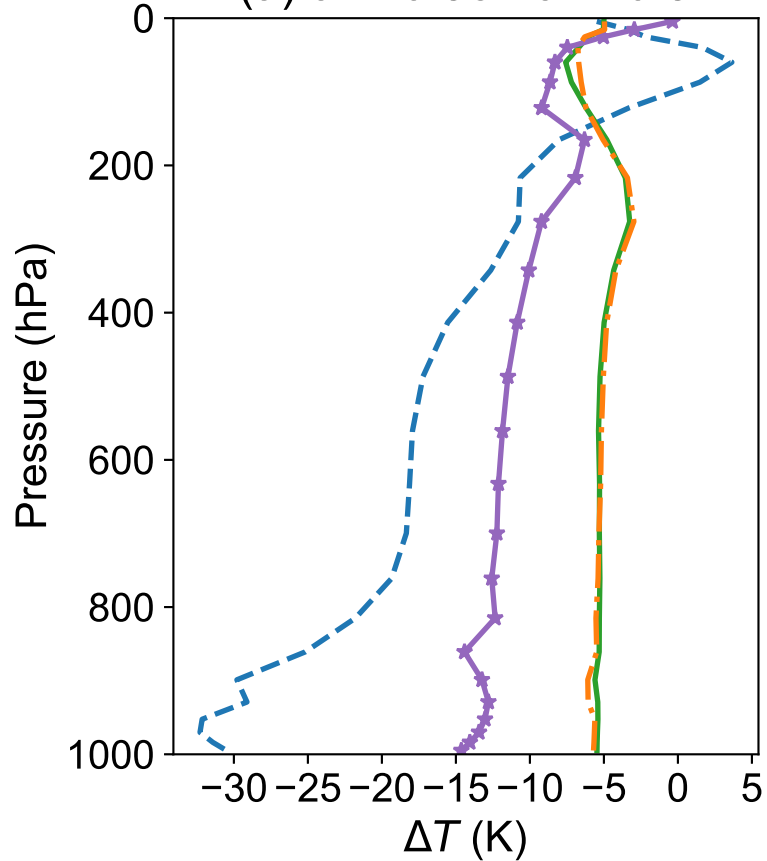
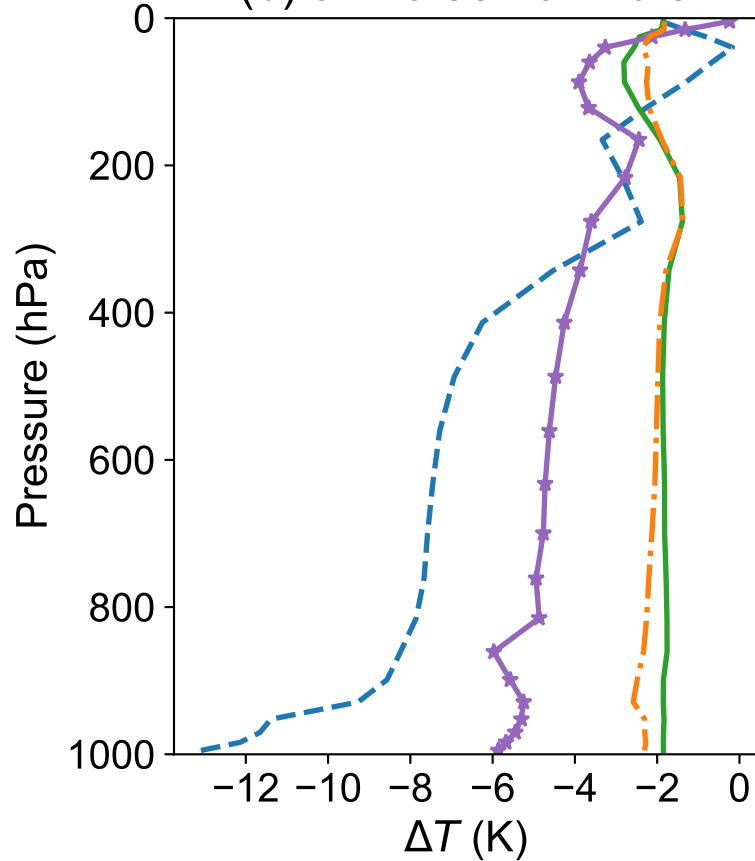


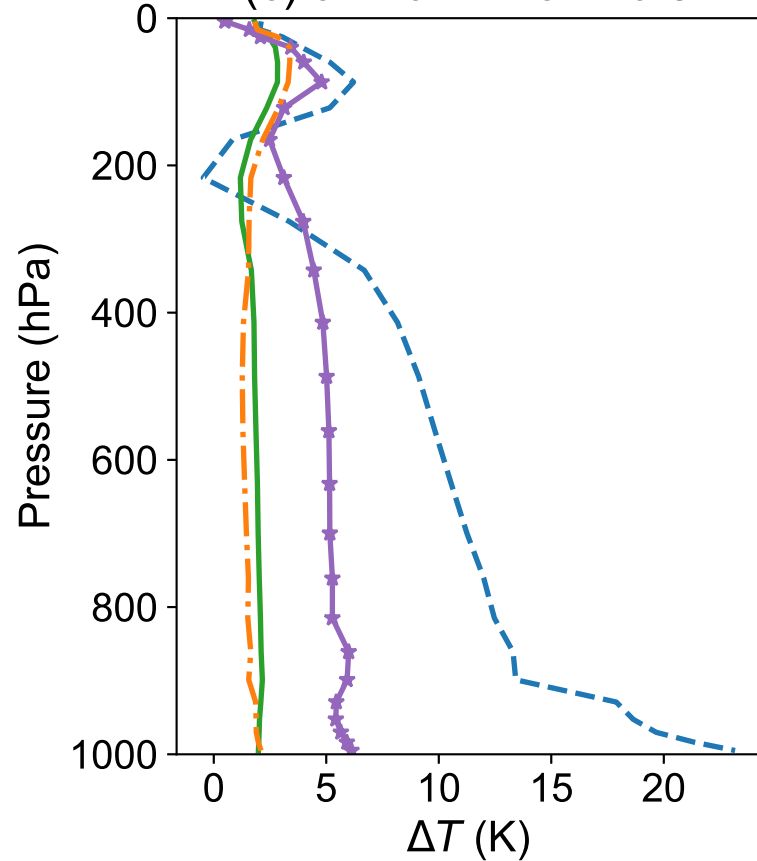
(a) $\alpha = 0.38 - \alpha = 0.3$



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



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



BOG

Frierson

RRTM

BOG-qctrl