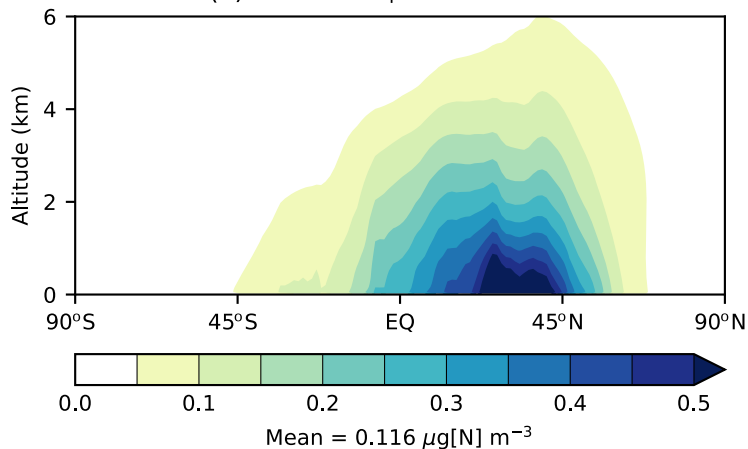
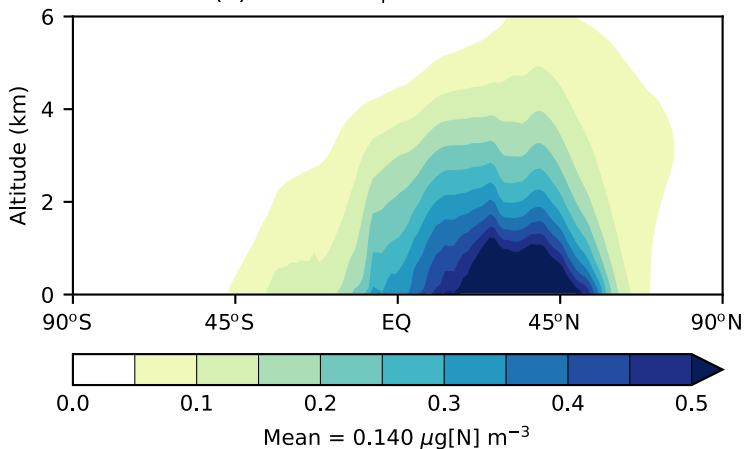
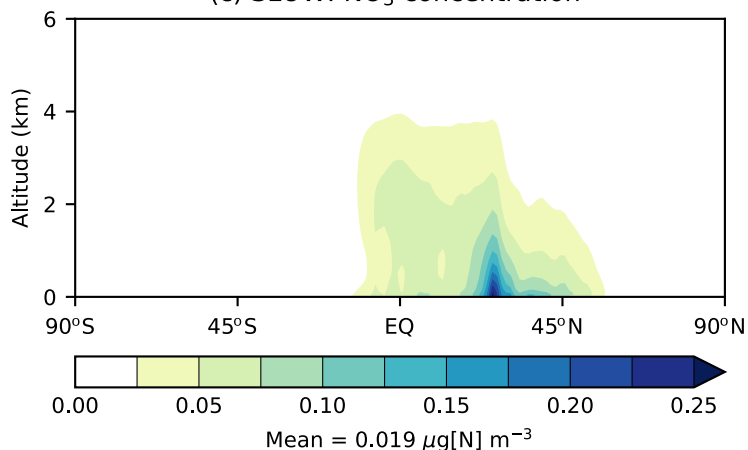
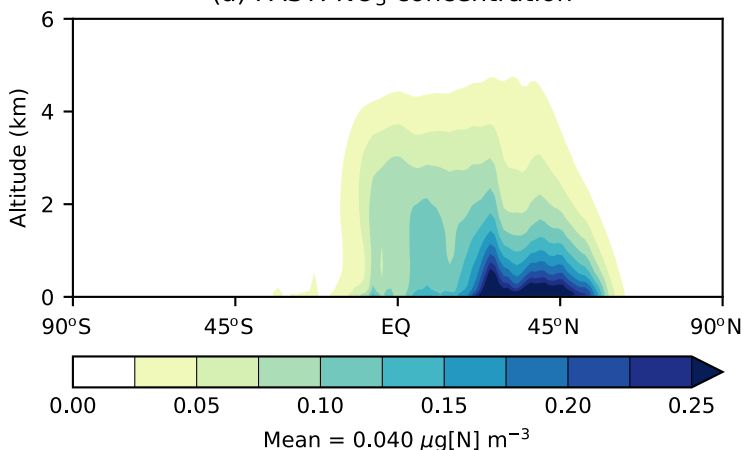
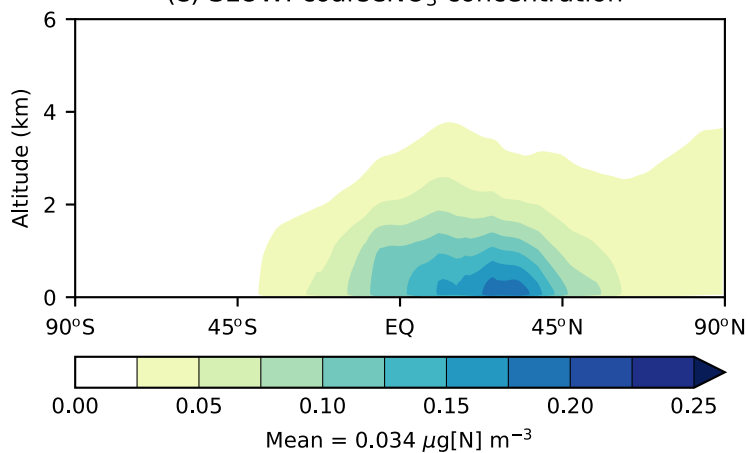


(a) SLOW:  $\text{NH}_4$  concentration(b) FAST:  $\text{NH}_4$  concentration(c) SLOW:  $\text{NO}_3$  concentration(d) FAST:  $\text{NO}_3$  concentration(e) SLOW: coarse $\text{NO}_3$  concentration(f) FAST: coarse $\text{NO}_3$  concentration