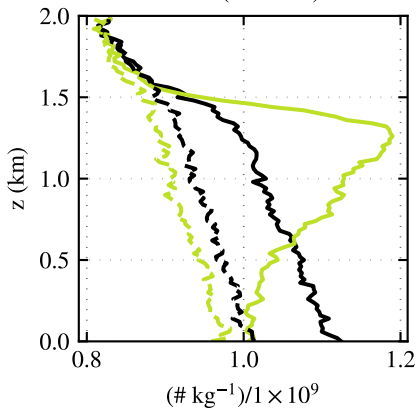
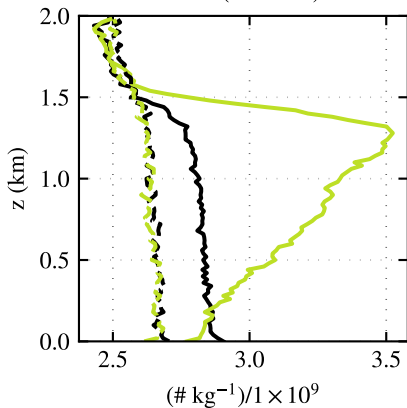
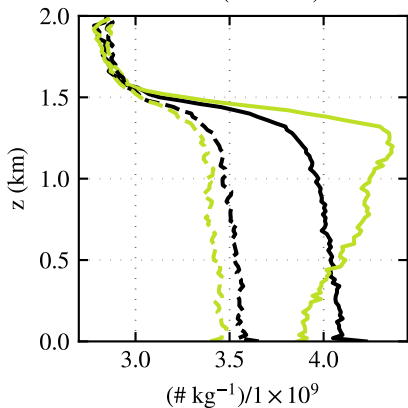
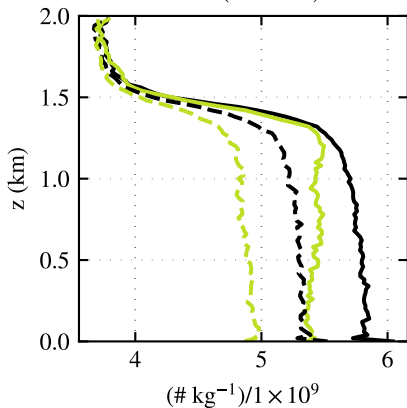


CCN ($S=0.1\%$)CCN ($S=0.3\%$)CCN ($S=0.6\%$)CCN ($S=1.0\%$)

— Uniform base case

- - - Uniform base case, no NH_4

— Scenario 3

- - - Scenario 3, no NH_4