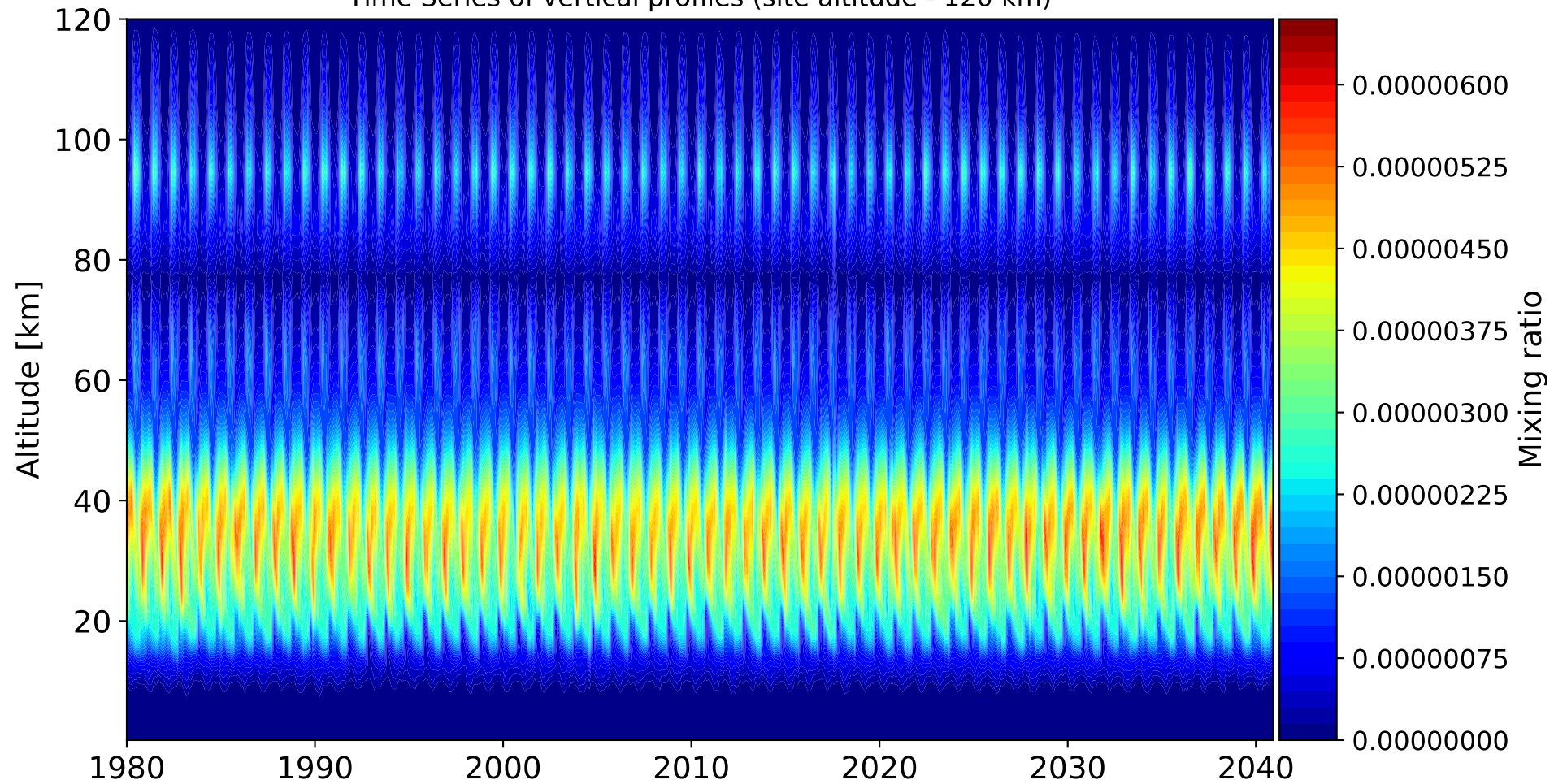
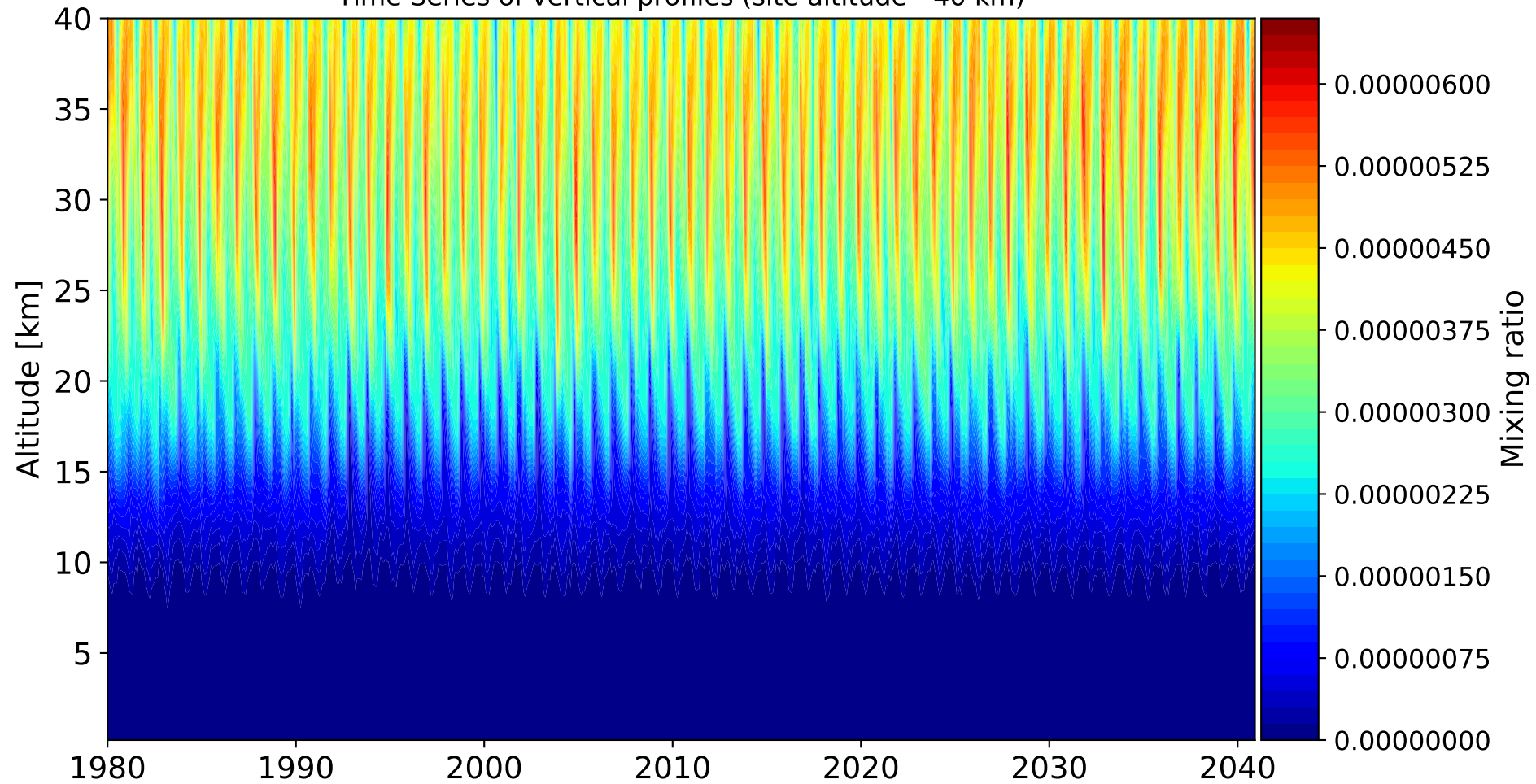


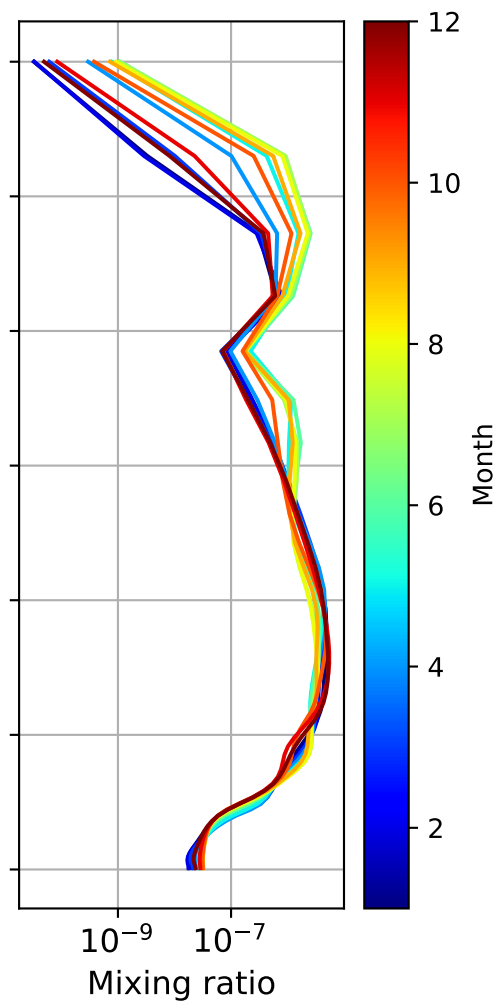
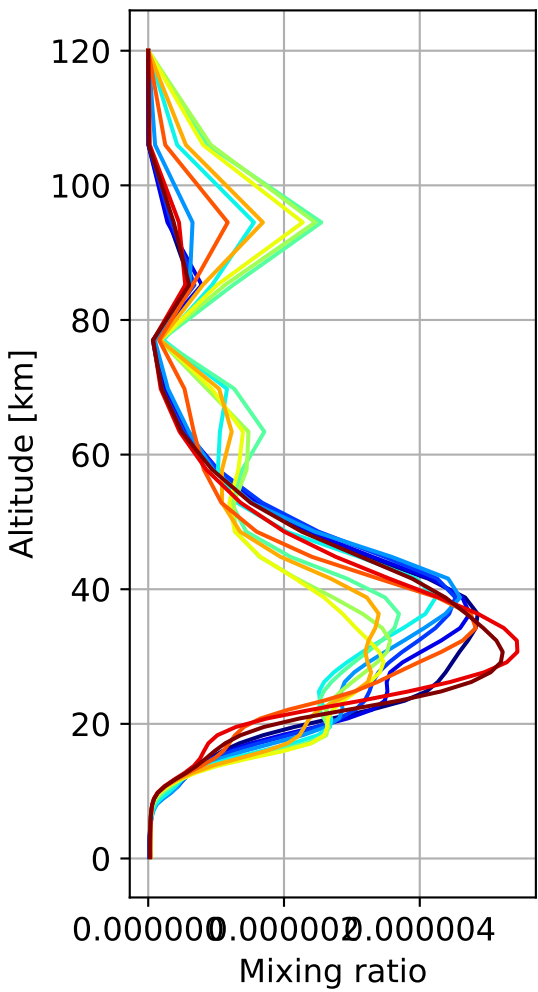
Time Series of vertical profiles (site altitude - 120 km)



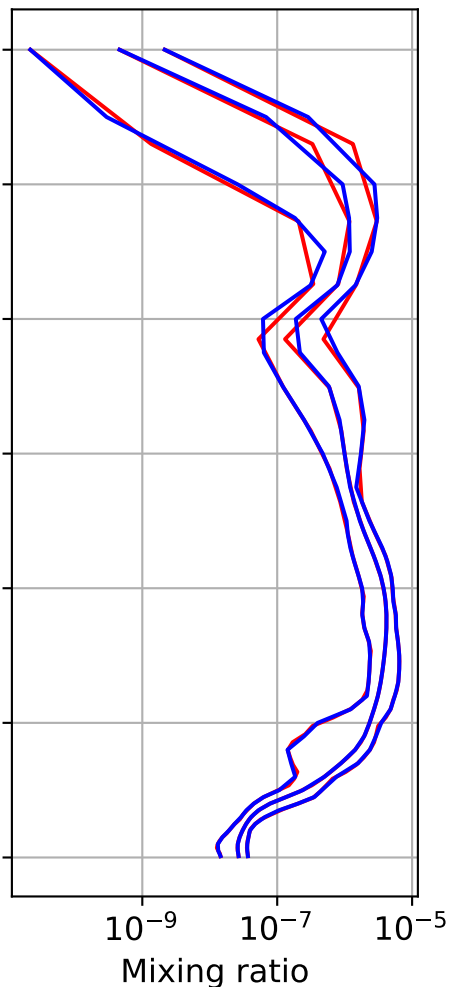
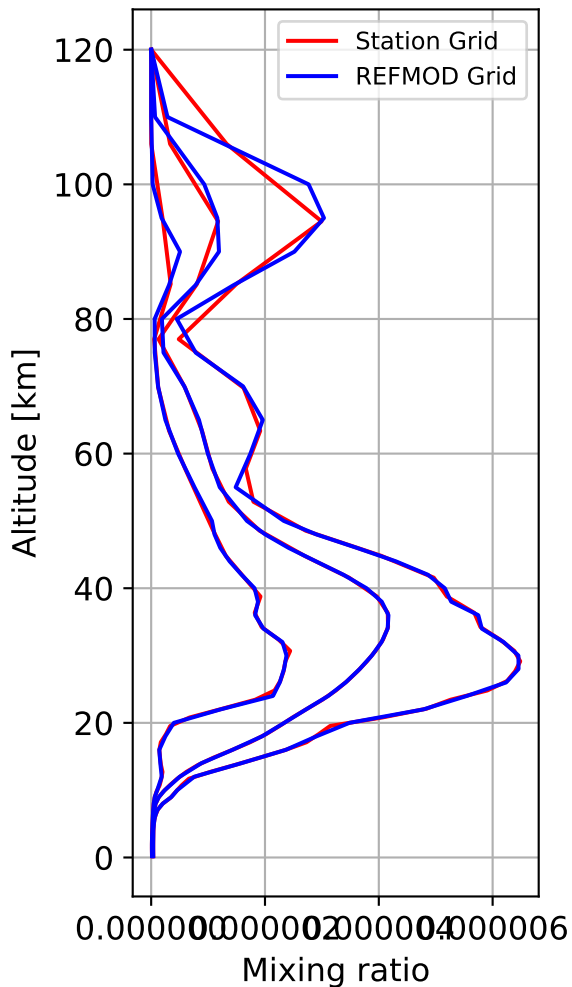
Time Series of vertical profiles (site altitude - 40 km)



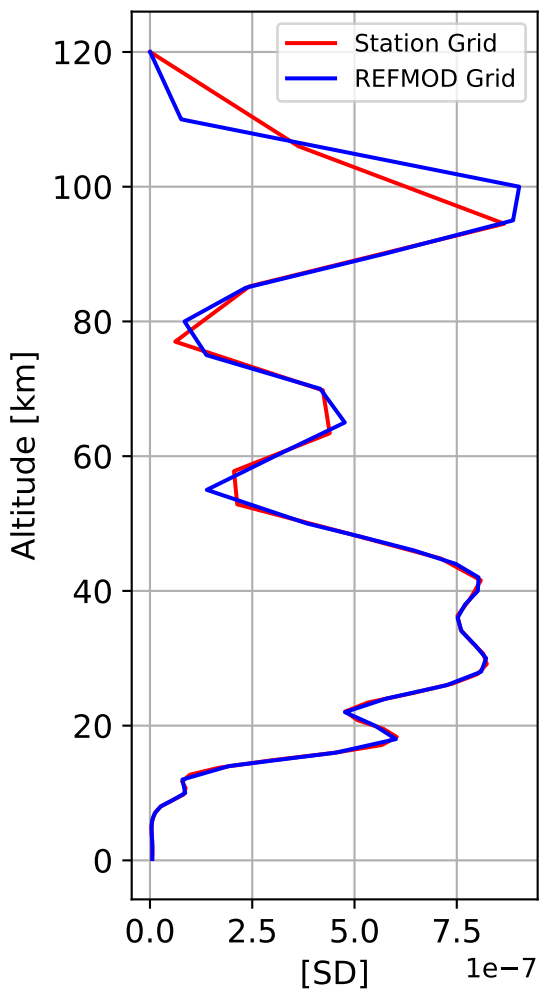
Monthly mean WACCM profile (interpolated to station grid) Arrival_Heights, -78.83N, 166.66E, 0.2kmasl



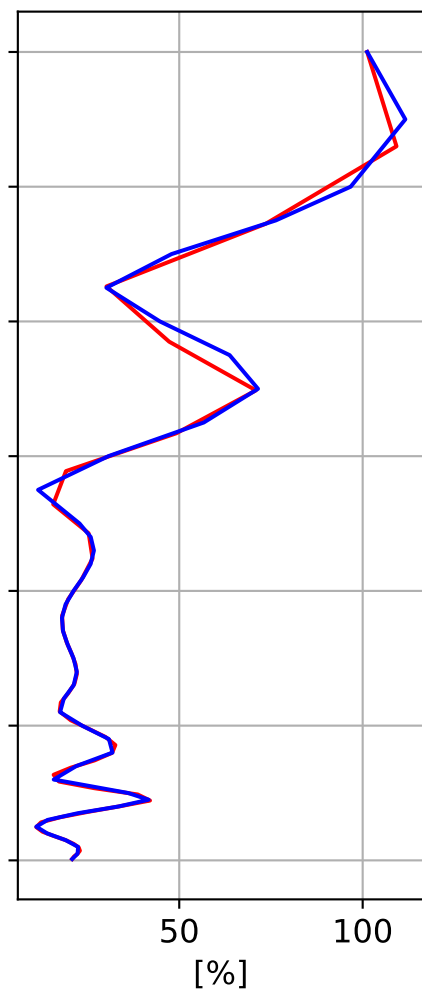
Min, Max, Mean of 732 profiles
Arrival_Heights, -78.83N, 166.66E, 0.2kmasl



Std. Deviation



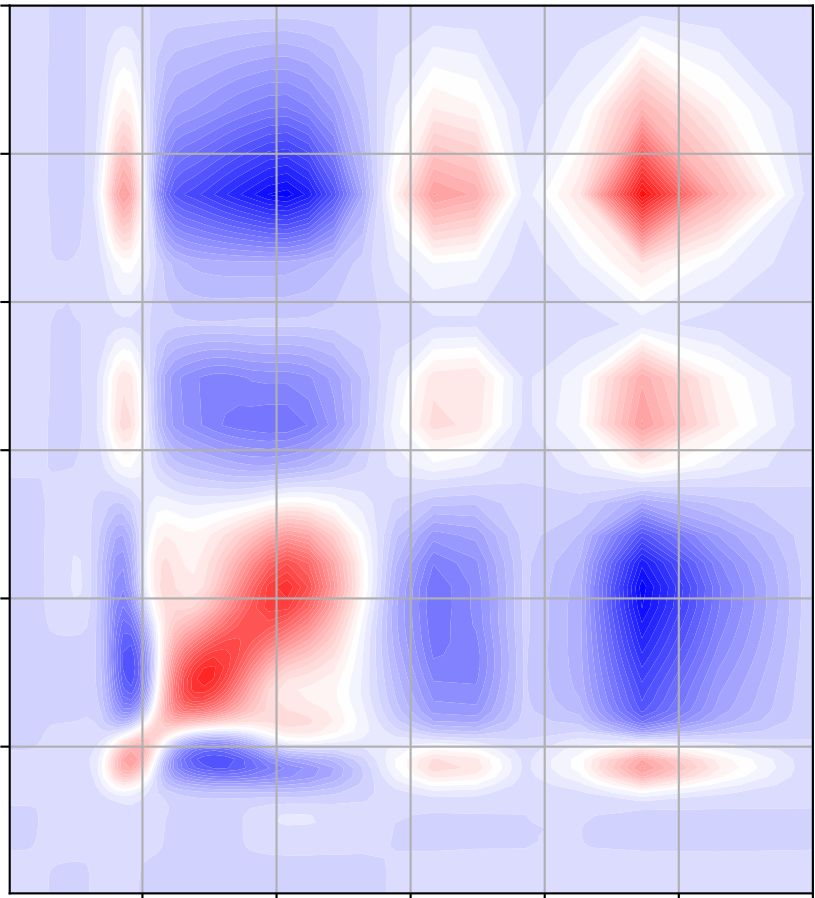
Percent Deviation



Level covariance matrix

1e-13

Altitude [km]

120
100
80
60
40
20

Altitude [km]

Mixing ratio[~ 2]7.5
6.0
4.5
3.0
1.5
0.0
-1.5
-3.0
-4.5