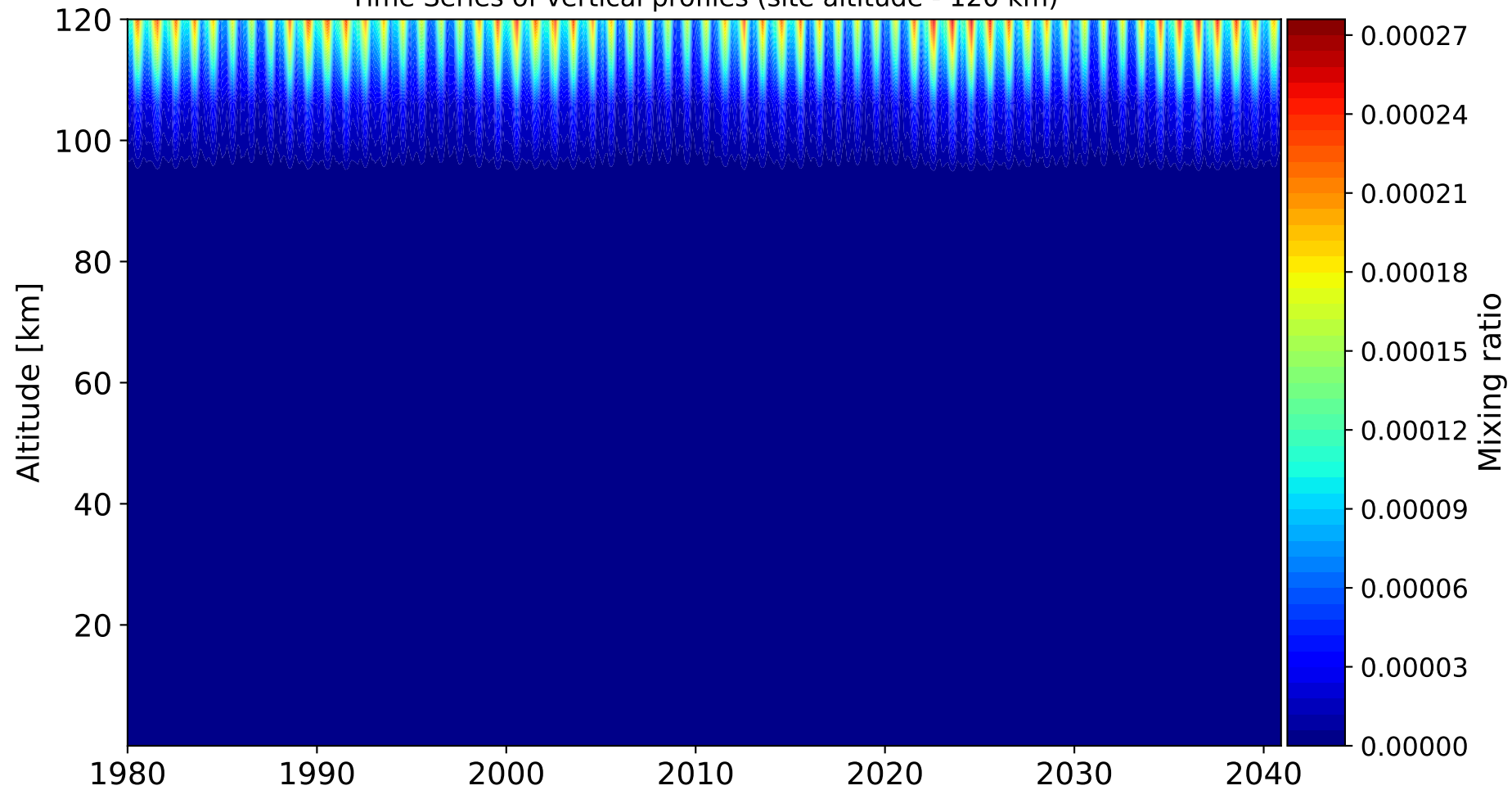
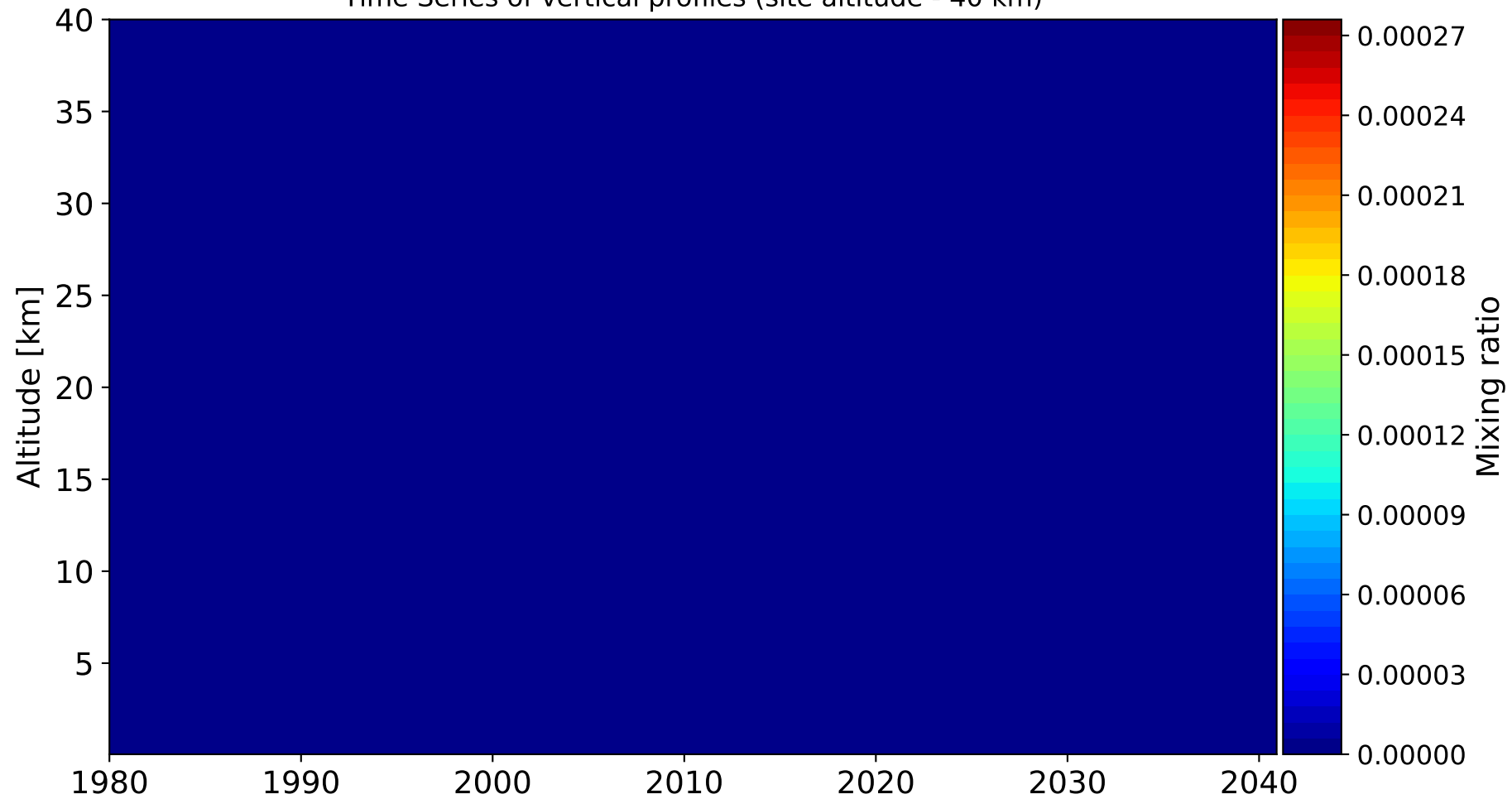


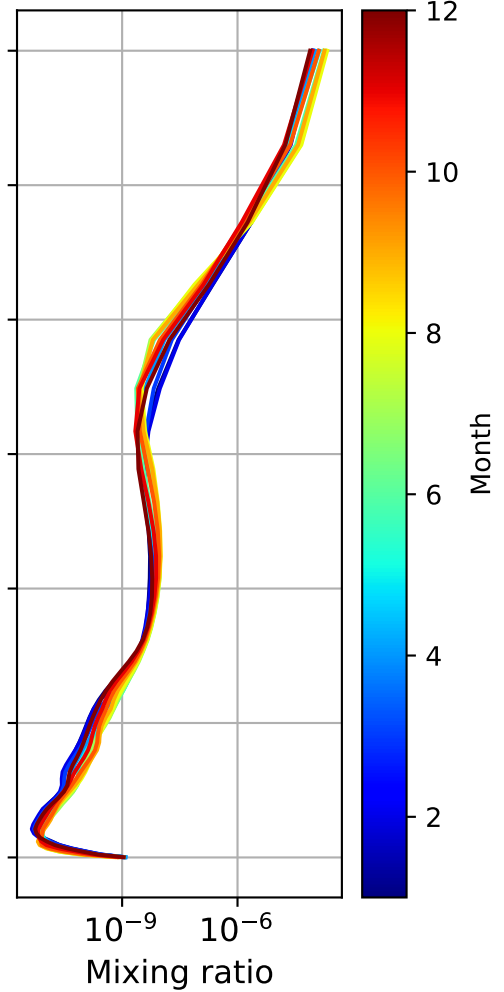
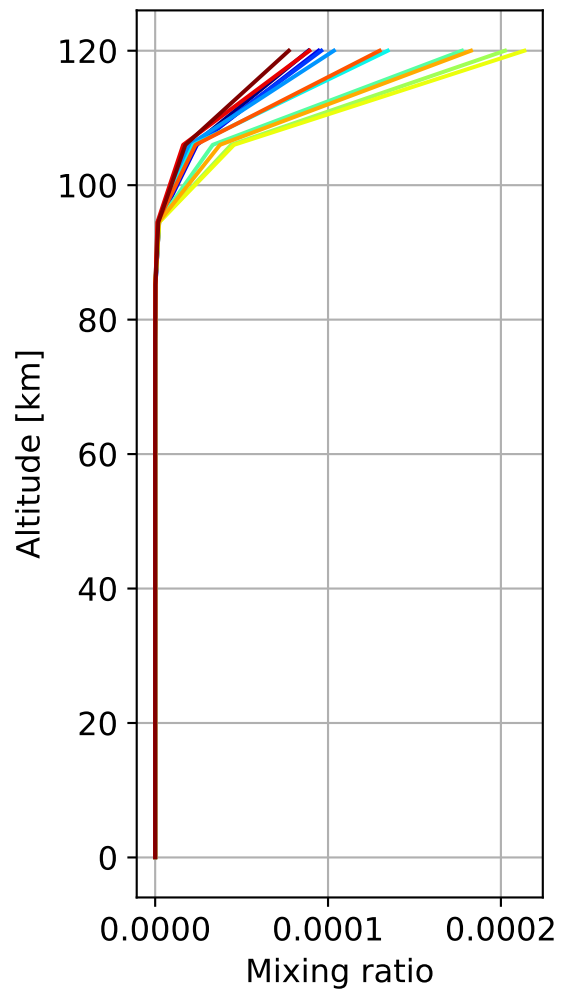
Time Series of vertical profiles (site altitude - 120 km)



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

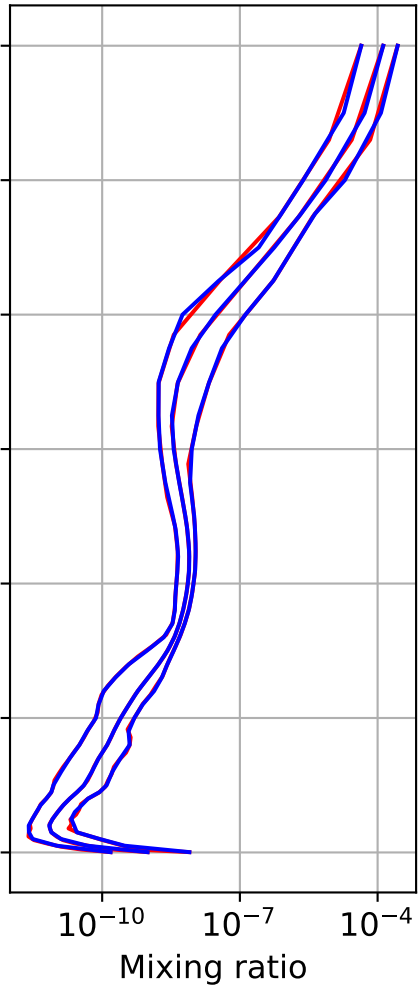
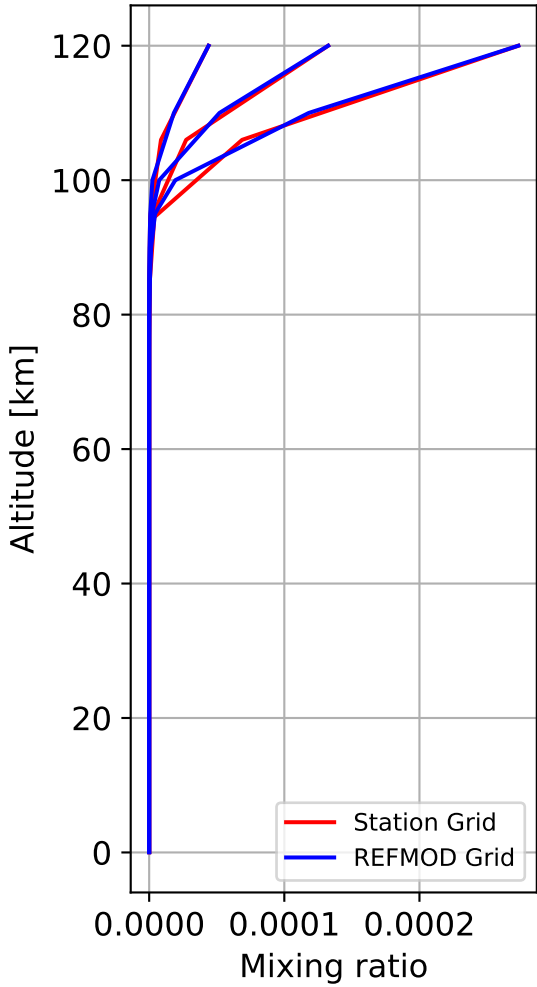


Monthly mean WACCM profile (interpolated to station grid)  
Anmyeondo, 36.5382N, 126.3311E, 0.045700000000000005kmasl

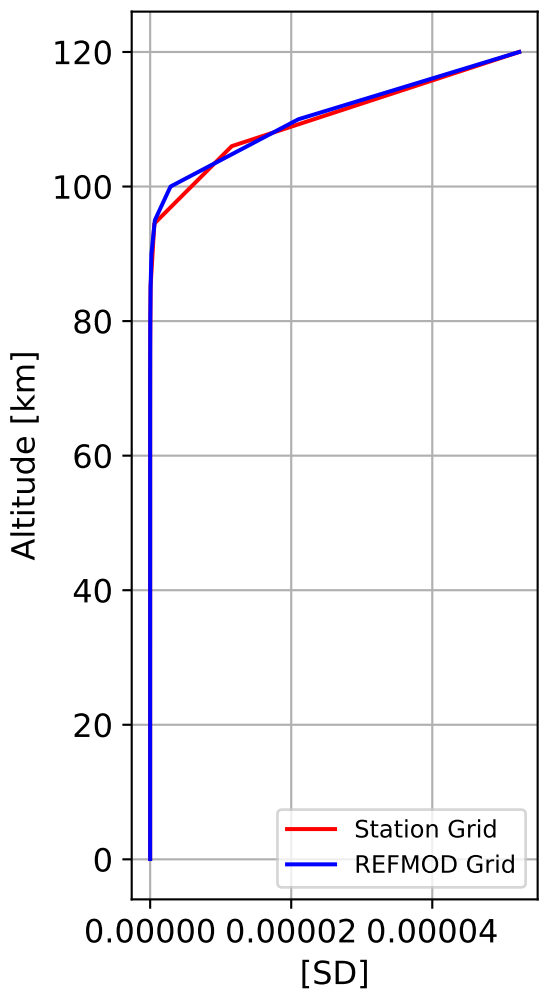


# Min, Max, Mean of 732 profiles

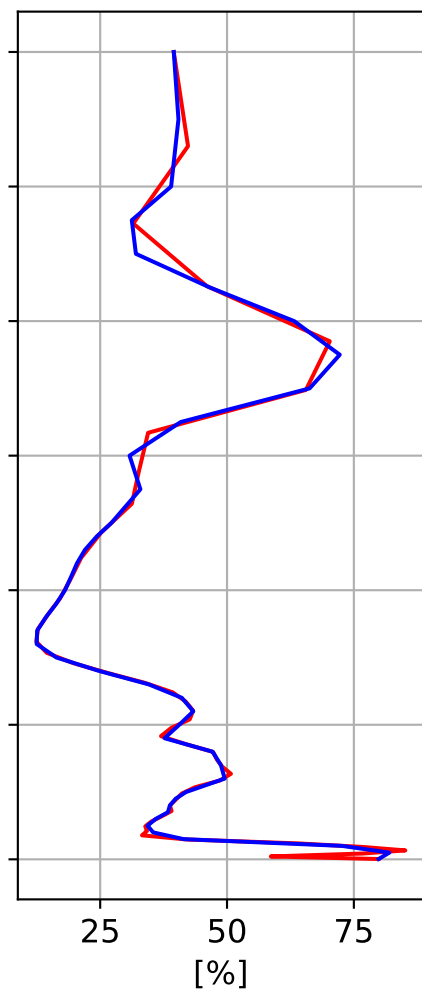
Anmyeondo, 36.5382N, 126.3311E, 0.0457000000000000005kmasl



### Std. Deviation



### Percent Deviation



Level covariance matrix

1e-9

Altitude [km]

120

100

80

60

40

20

20

40

60

80

100

120

Altitude [km]

Mixing ratio[ $\sim 2$ ]

2.7

2.4

2.1

1.8

1.5

1.2

0.9

0.6

0.3

0.0