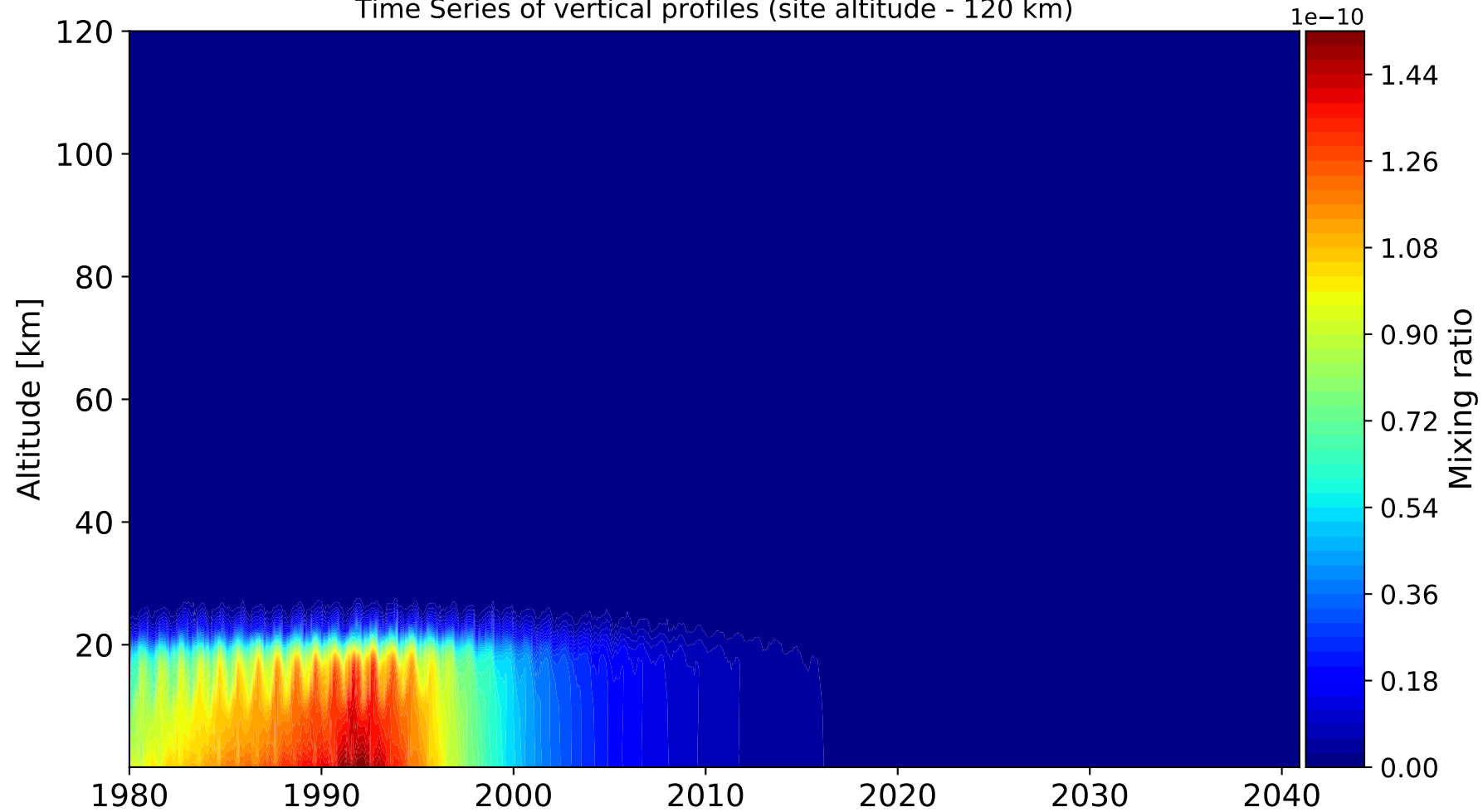
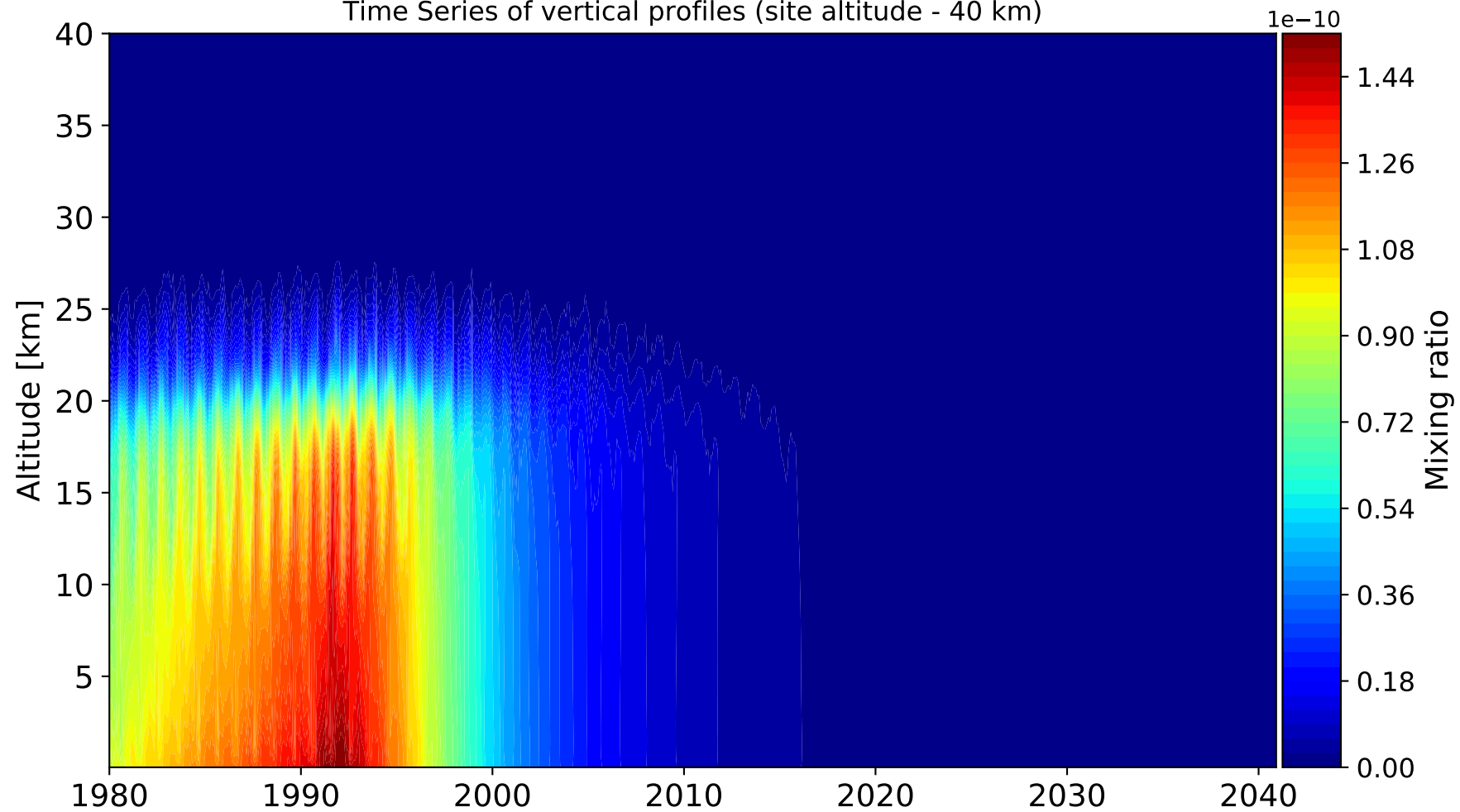


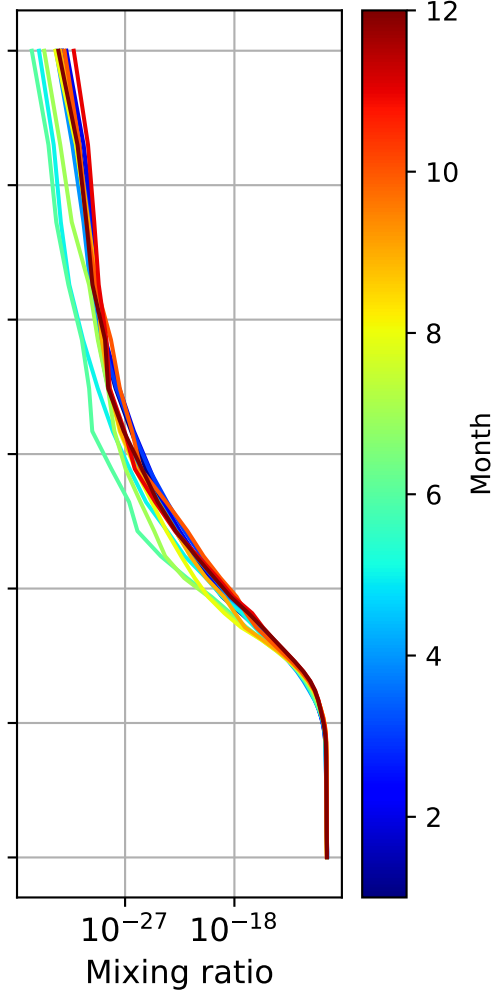
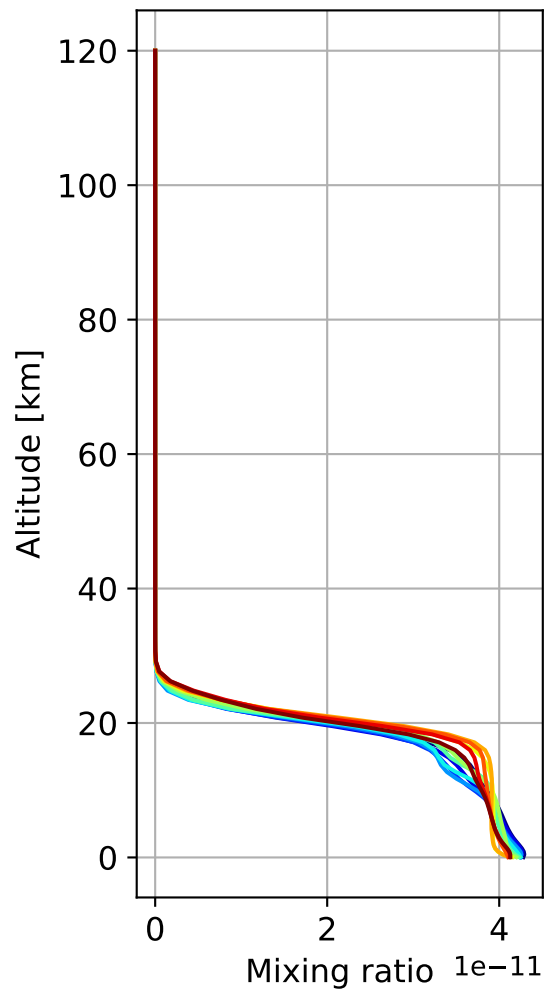
Time Series of vertical profiles (site altitude - 120 km)



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

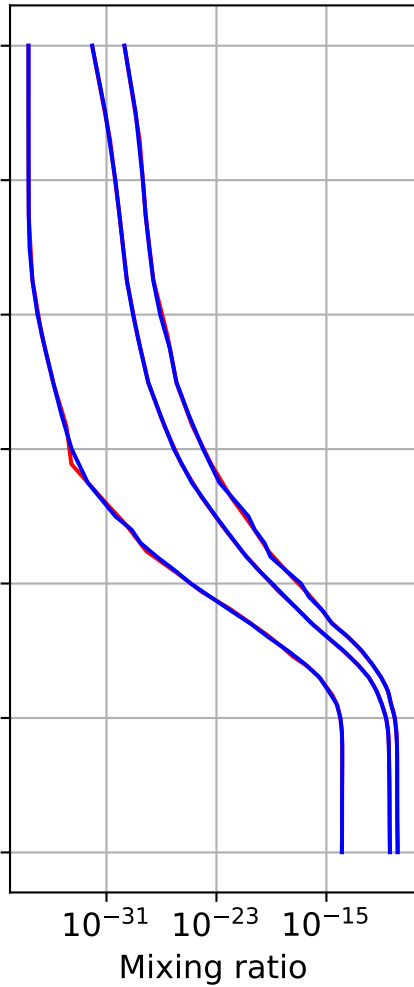
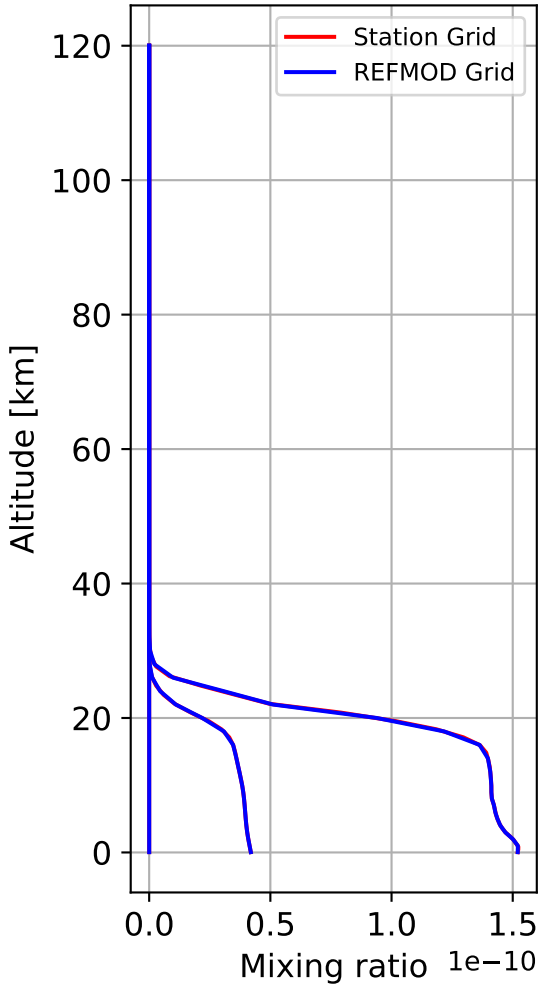


Monthly mean WACCM profile (interpolated to station grid)  
Anmyeondo, 36.5382N, 126.3311E, 0.045700000000000005kmasl

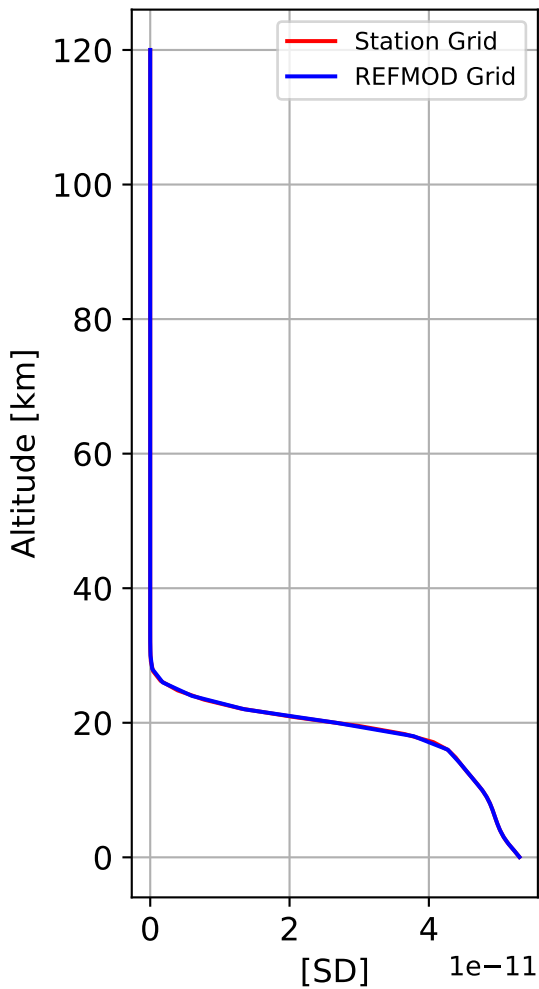


# Min, Max, Mean of 732 profiles

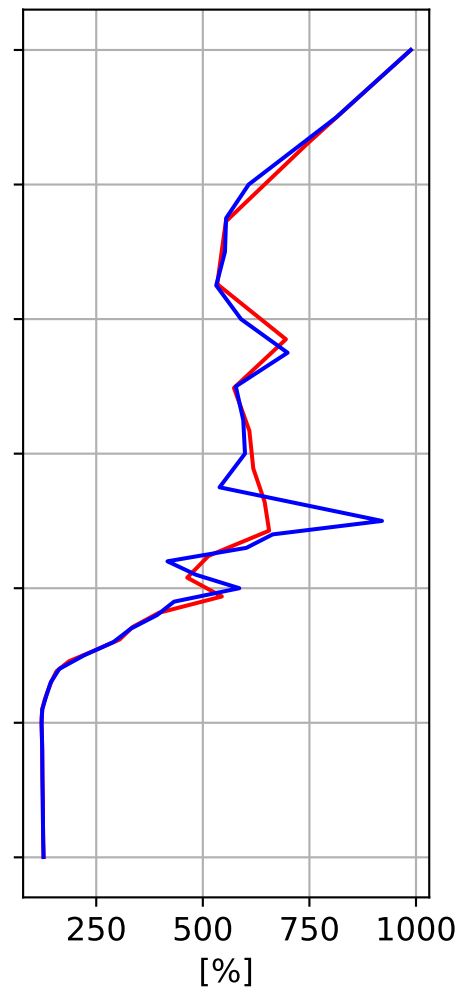
Anmyeondo, 36.5382N, 126.3311E, 0.04570000000000000005kmasl



Std. Deviation



Percent Deviation



# Level covariance matrix

1e-21

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

