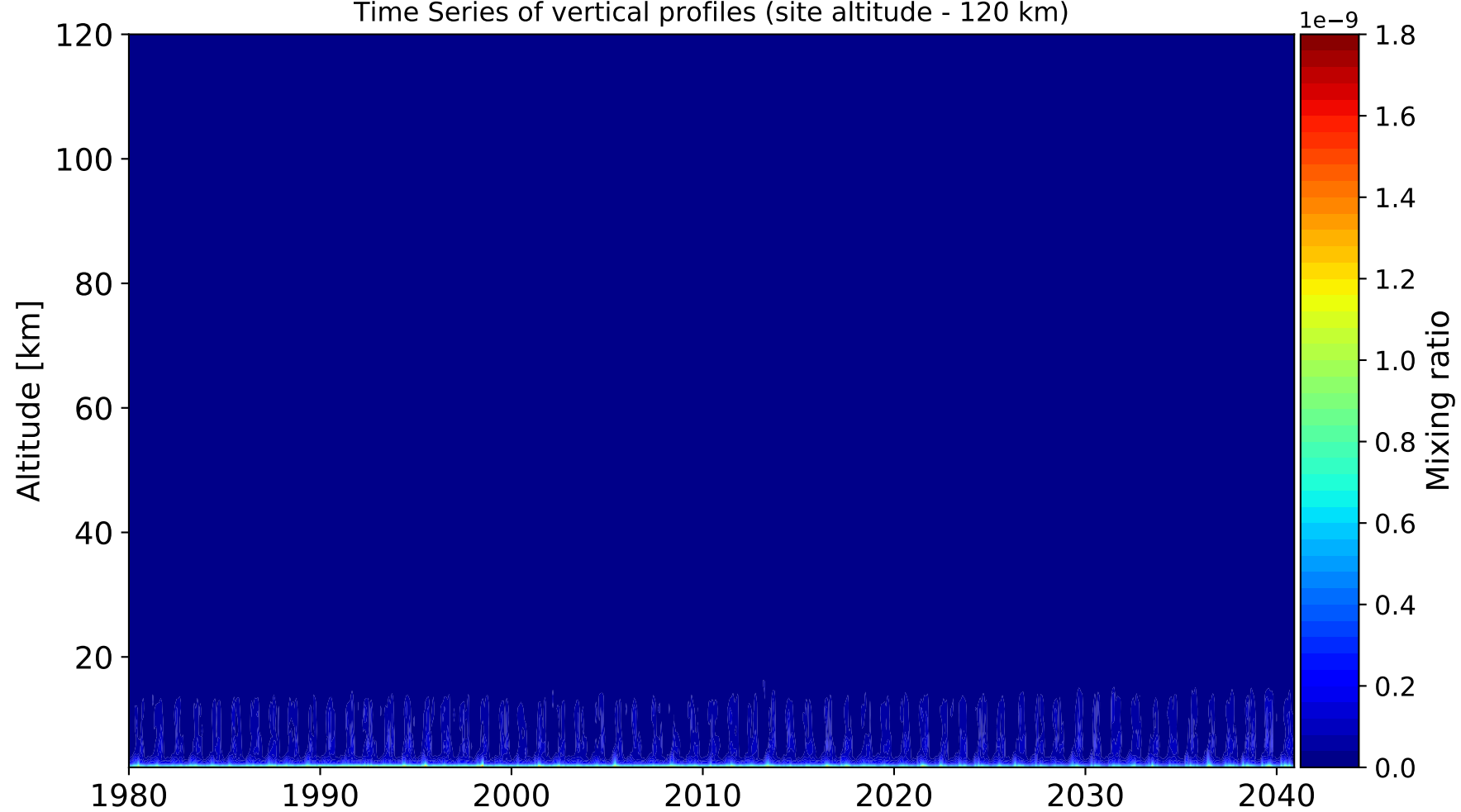
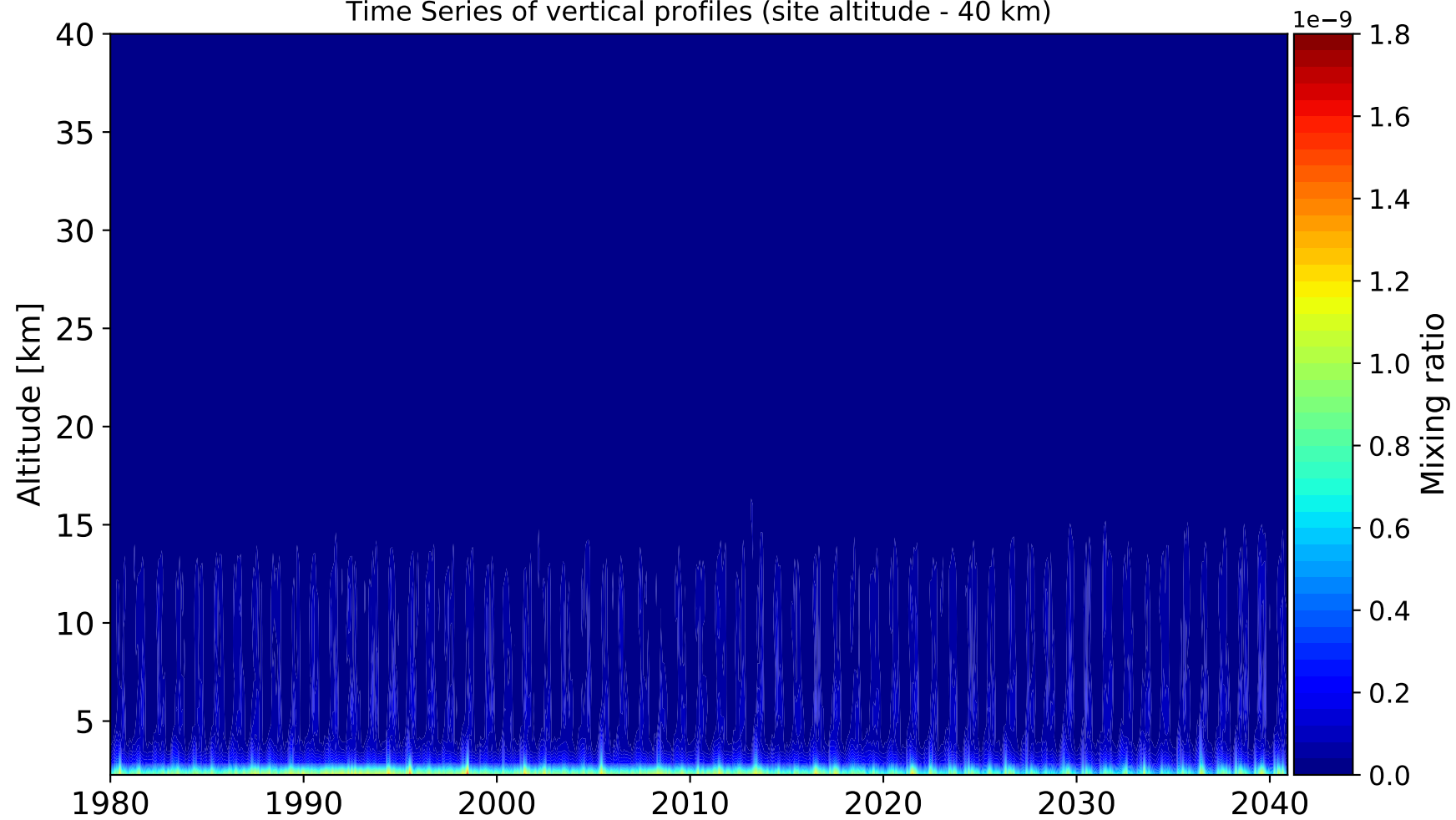


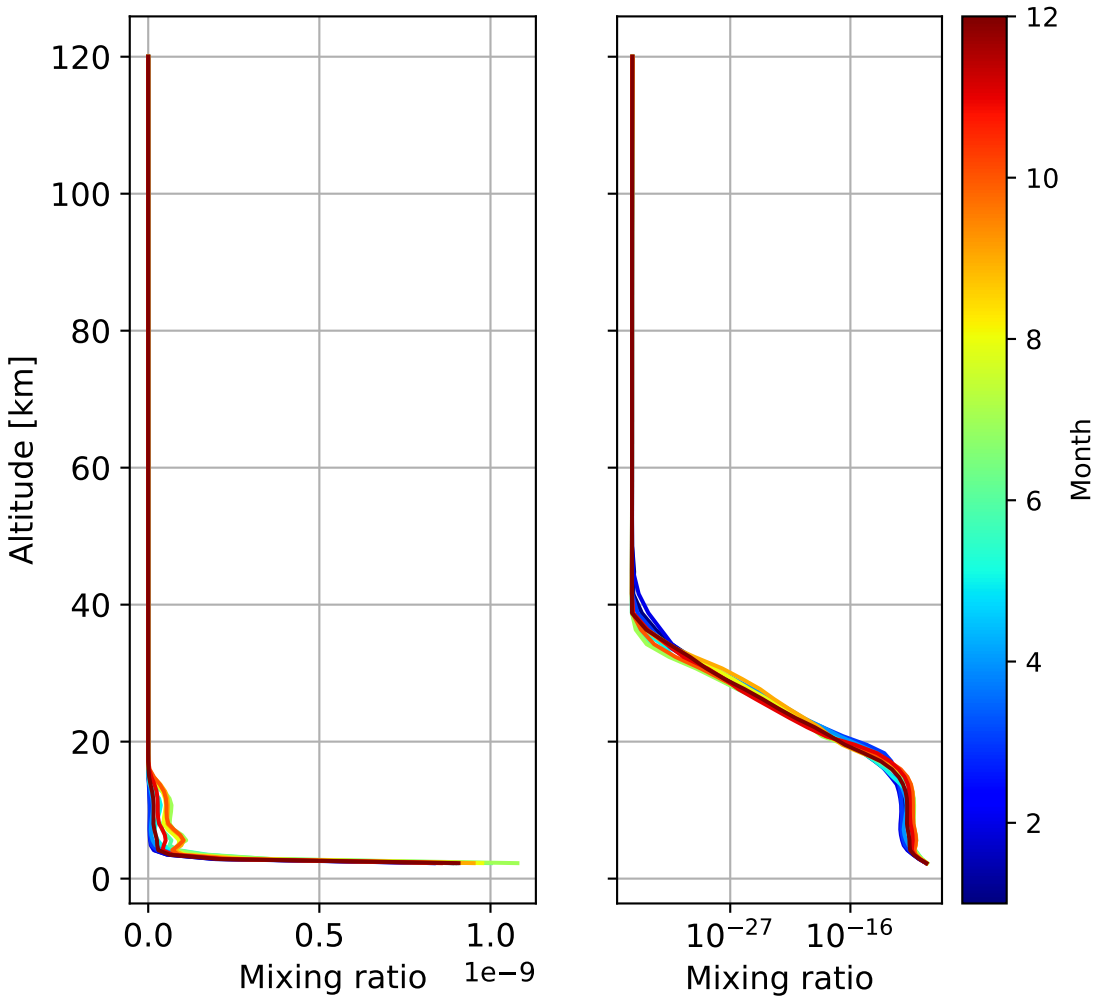
Time Series of vertical profiles (site altitude - 120 km)



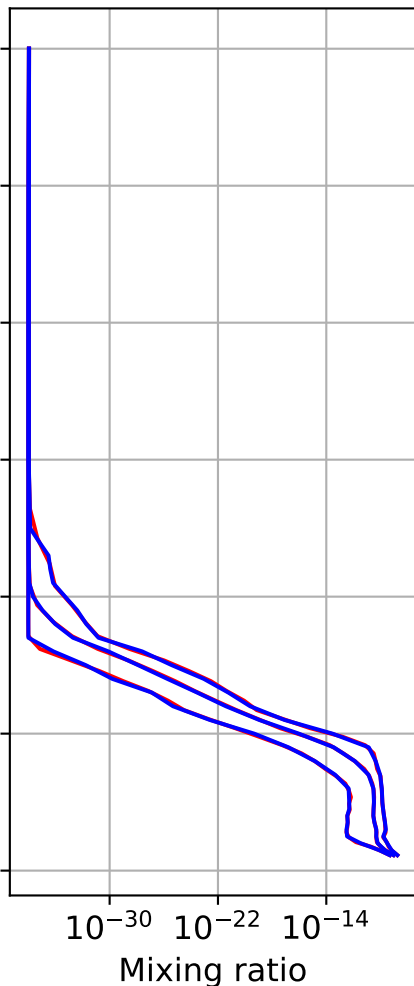
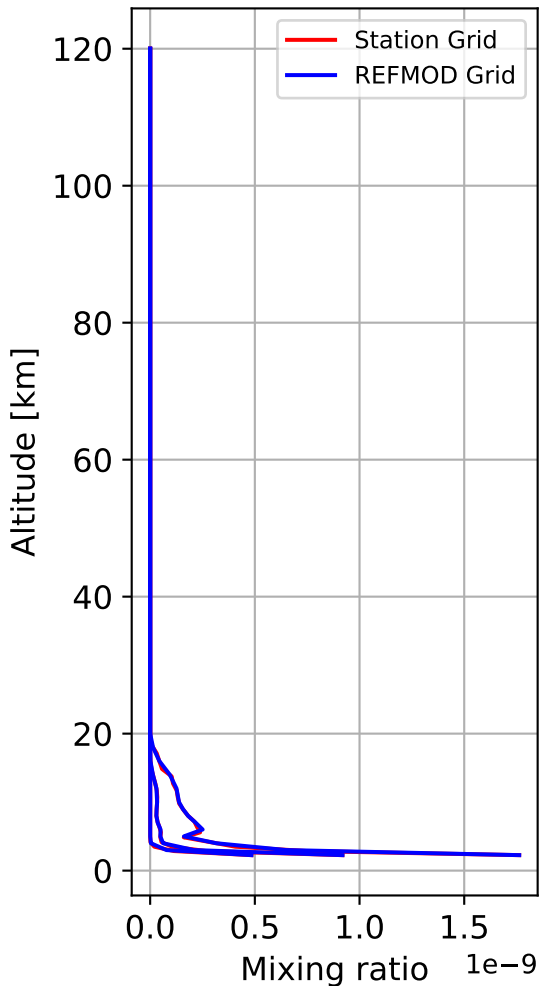
Time Series of vertical profiles (site altitude - 40 km)



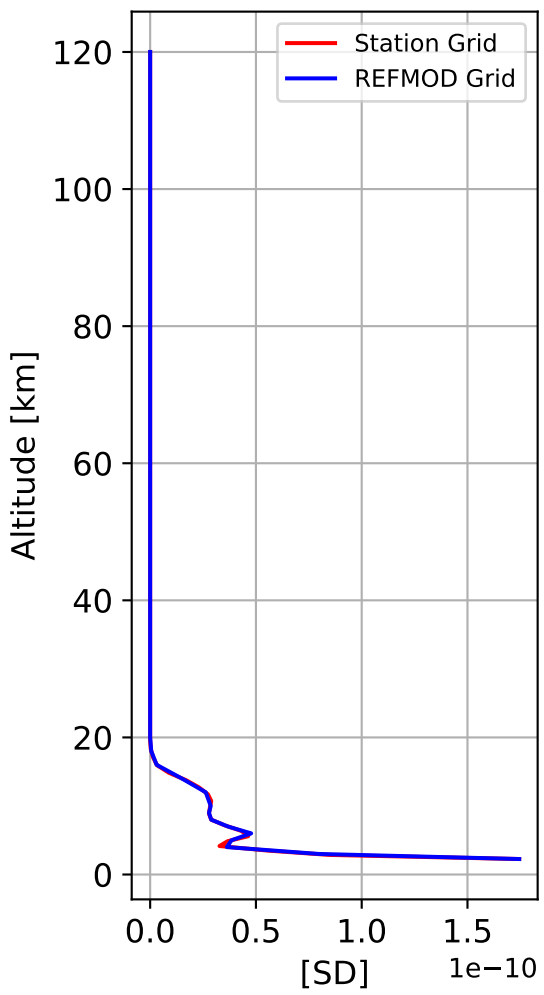
Monthly mean WACCM profile (interpolated to station grid) Mexico_City_UNAM, 19.33N, 260.82E, 2.26kmasl



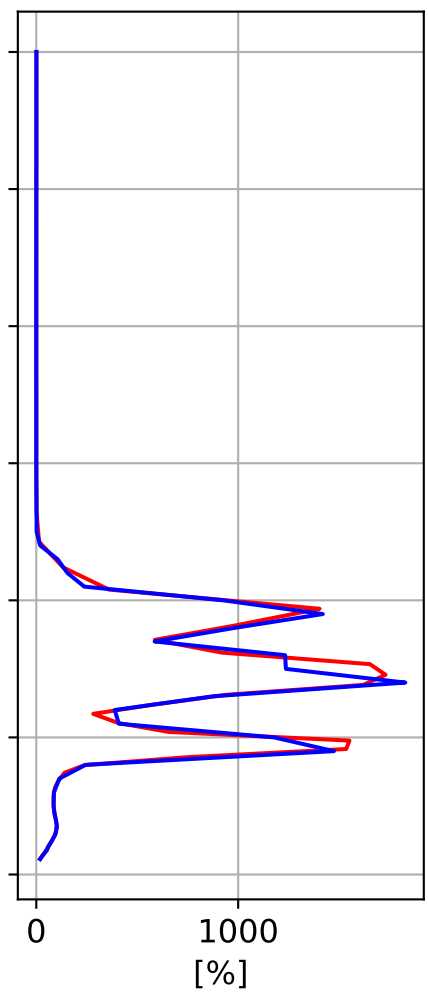
Min, Max, Mean of 732 profiles
Mexico_City_UNAM, 19.33N, 260.82E, 2.26kmasl



Std. Deviation



Percent Deviation



Level covariance matrix

 $1e-20$

Altitude [km]

120

100

80

60

40

20

20

Altitude [km]

40

60

80

100

120

2.88

2.52

2.16

1.80

1.44

1.08

0.72

0.36

0.00

Mixing ratio[~ 2]