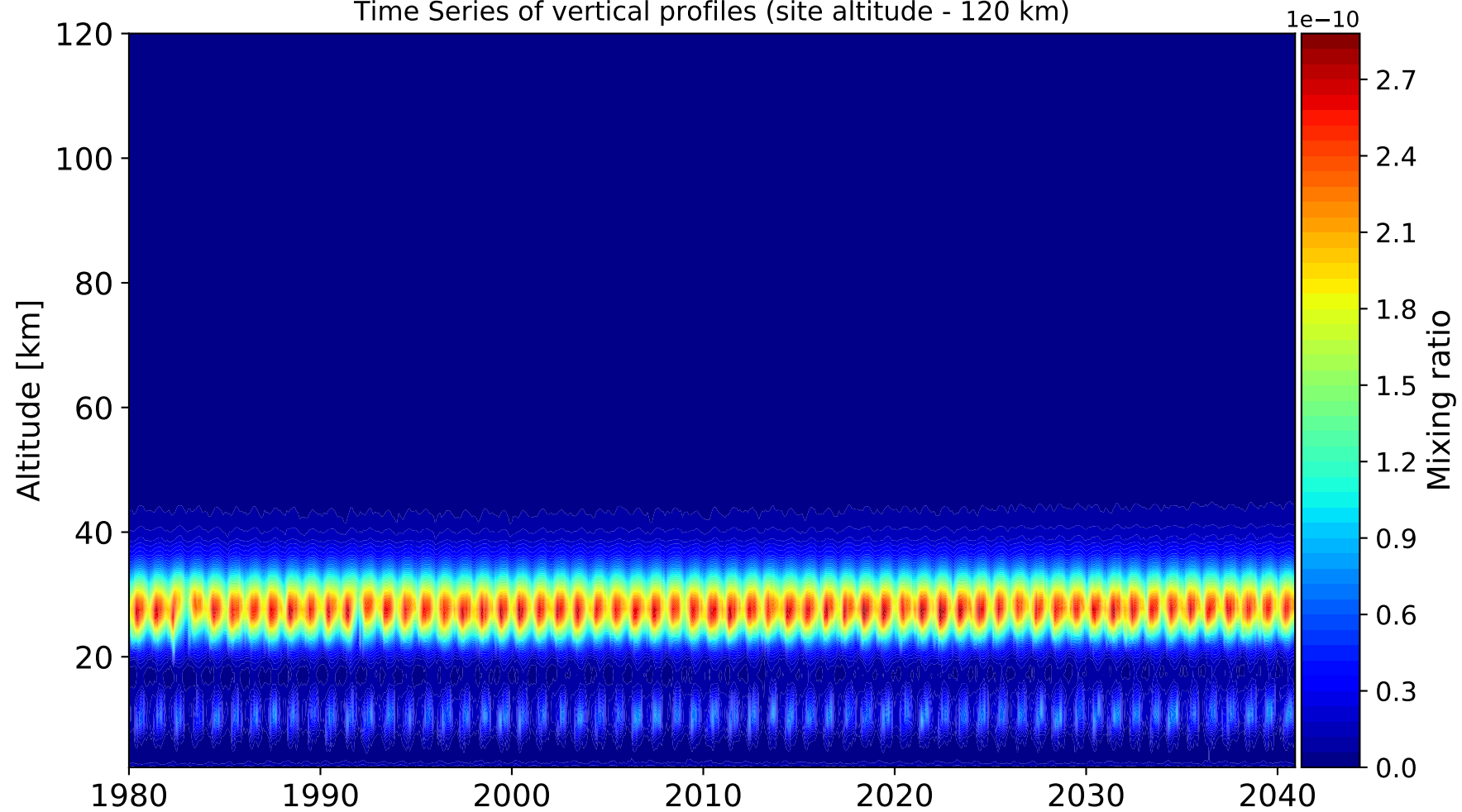
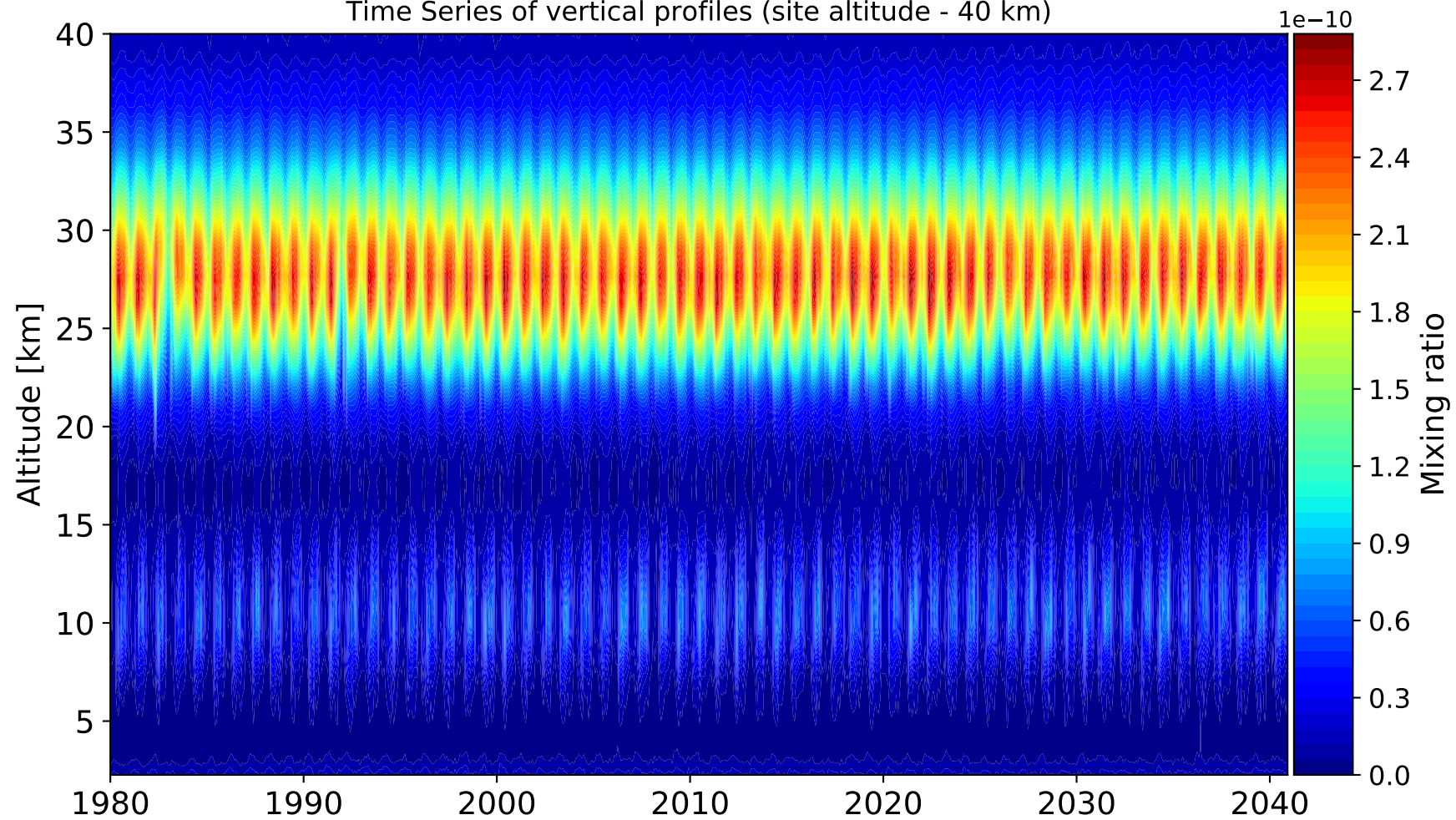


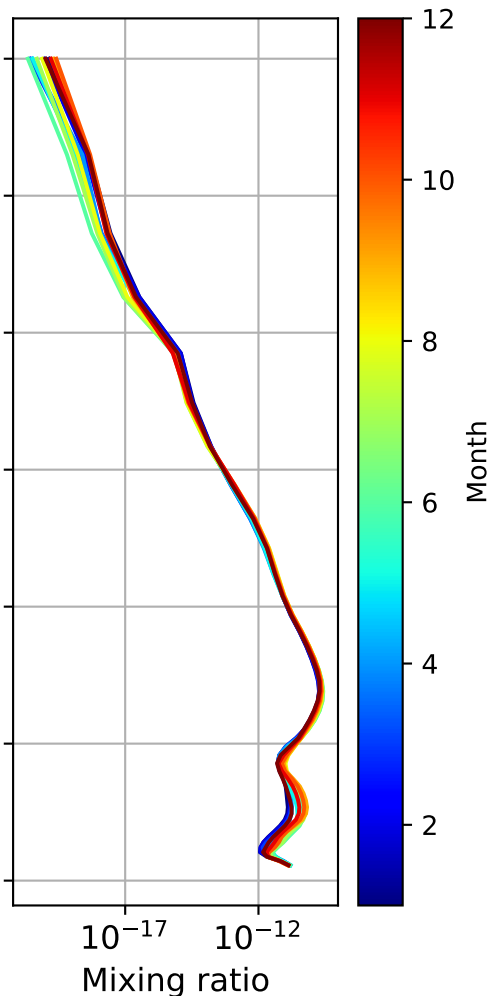
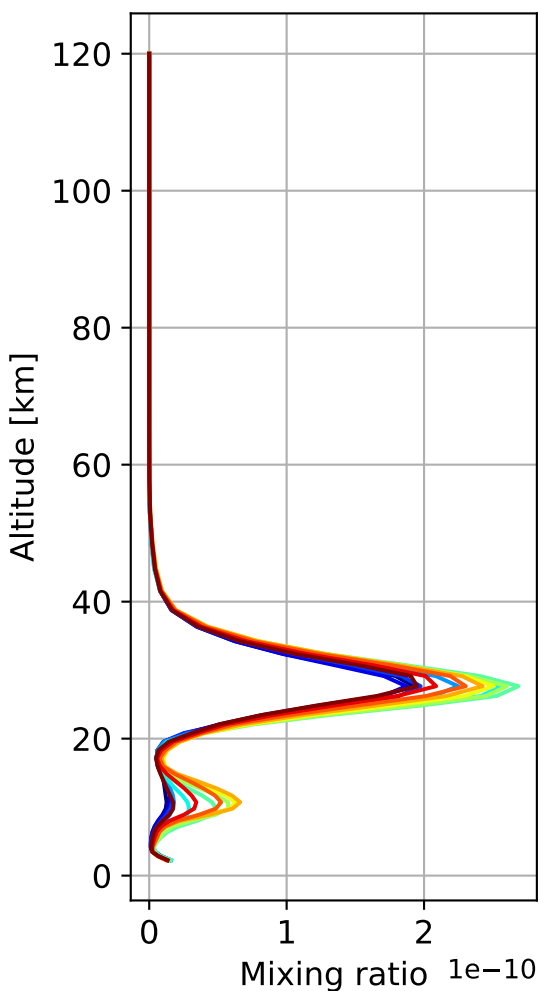
Time Series of vertical profiles (site altitude - 120 km)



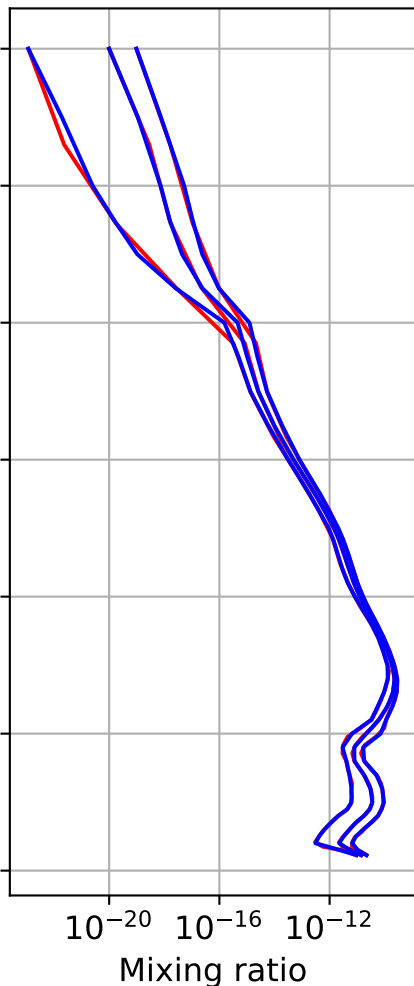
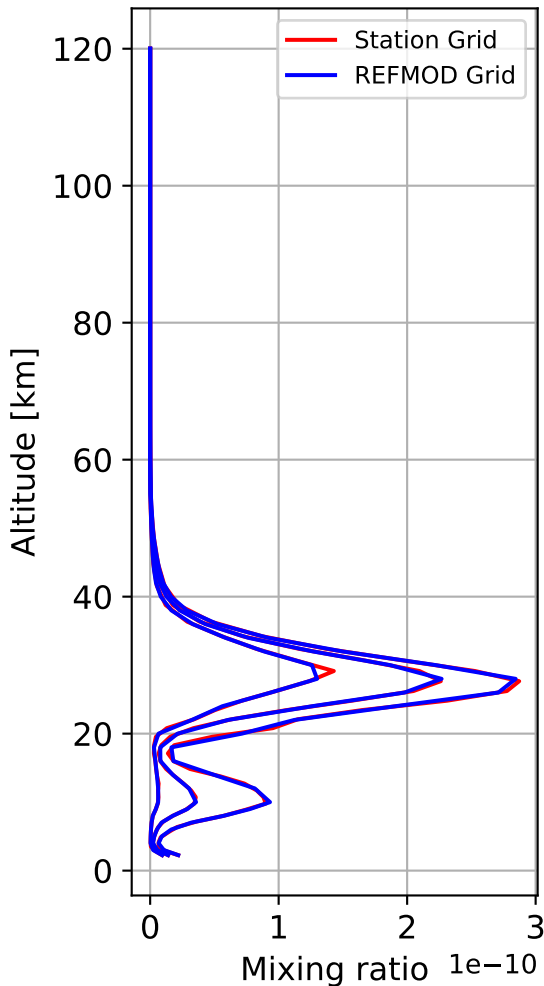
Time Series of vertical profiles (site altitude - 40 km)



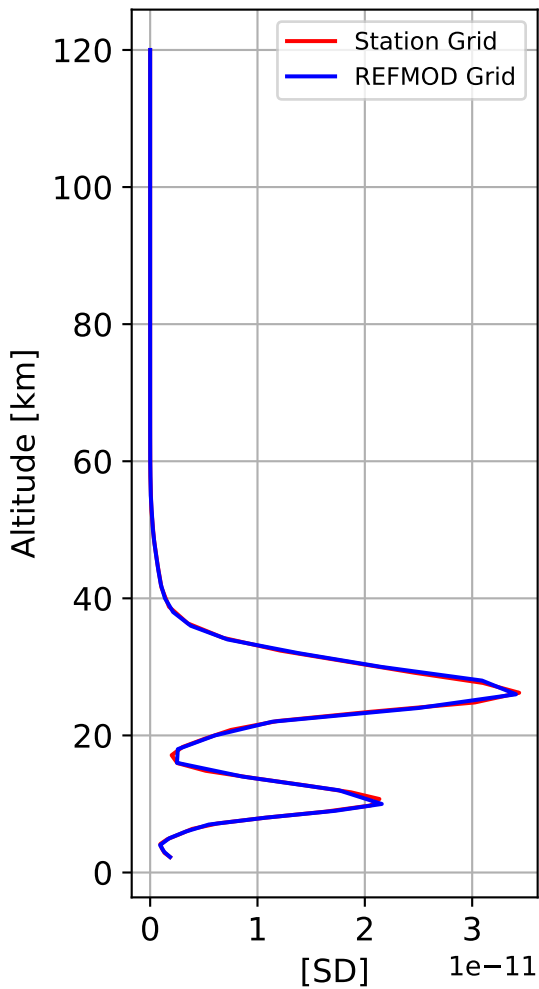
Monthly mean WACCM profile (interpolated to station grid)
Mexico_City_UNAM, 19.33N, 260.82E, 2.26kmasl



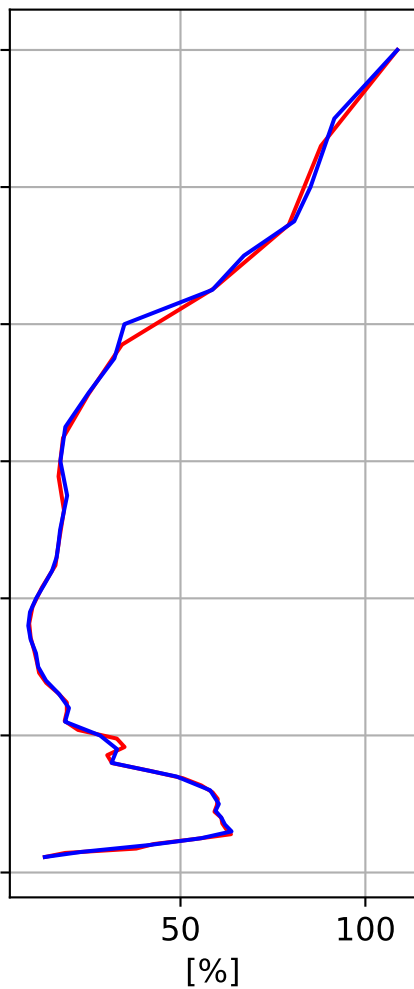
Min, Max, Mean of 732 profiles
Mexico_City_UNAM, 19.33N, 260.82E, 2.26kmasl



Std. Deviation



Percent Deviation



Level covariance matrix

 $1e-21$

Altitude [km]

120

100

80

60

40

20

20

Altitude [km]

1.125

1.000

0.875

0.750

0.625

0.500

0.375

0.250

0.125

0.000

Mixing ratio²]