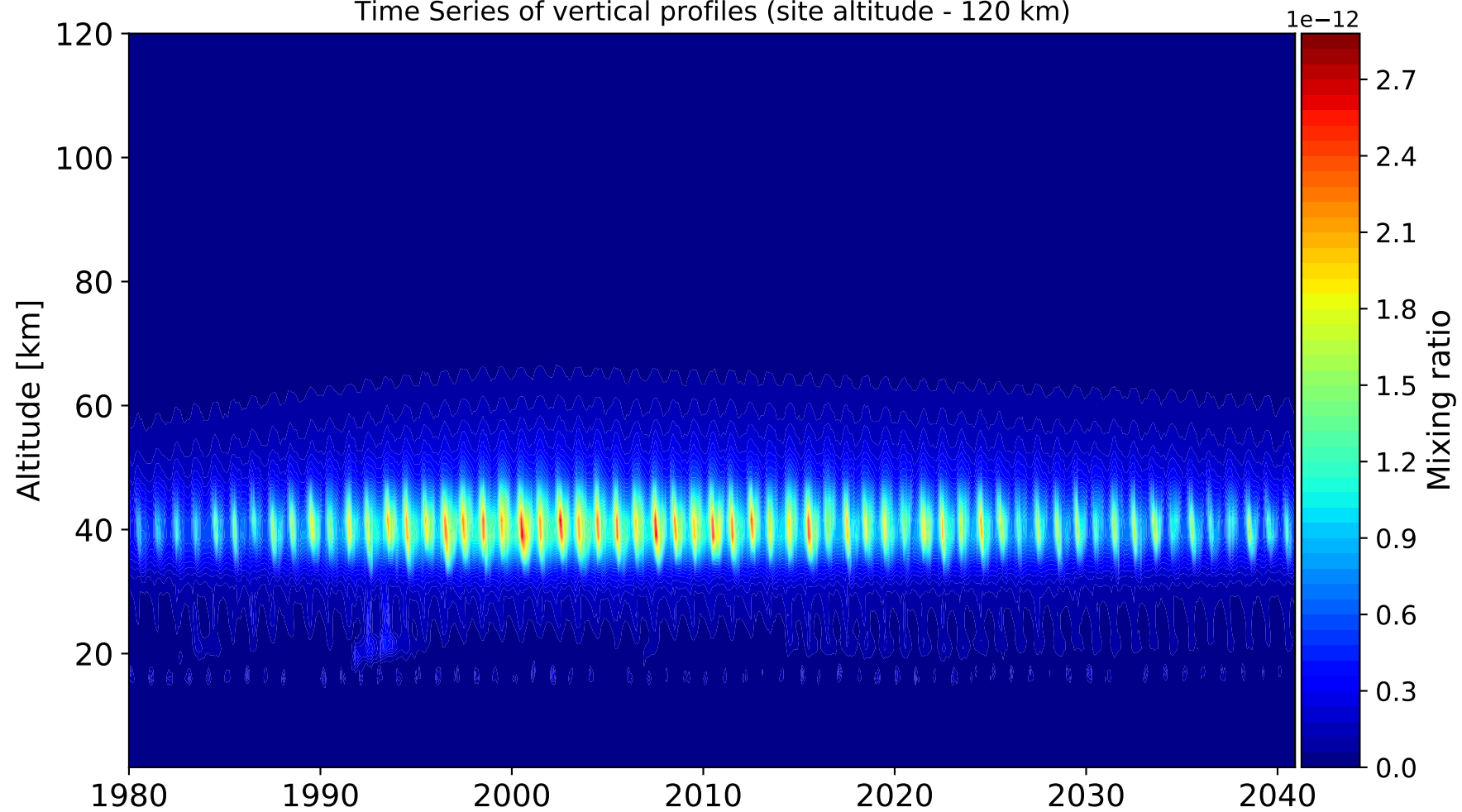
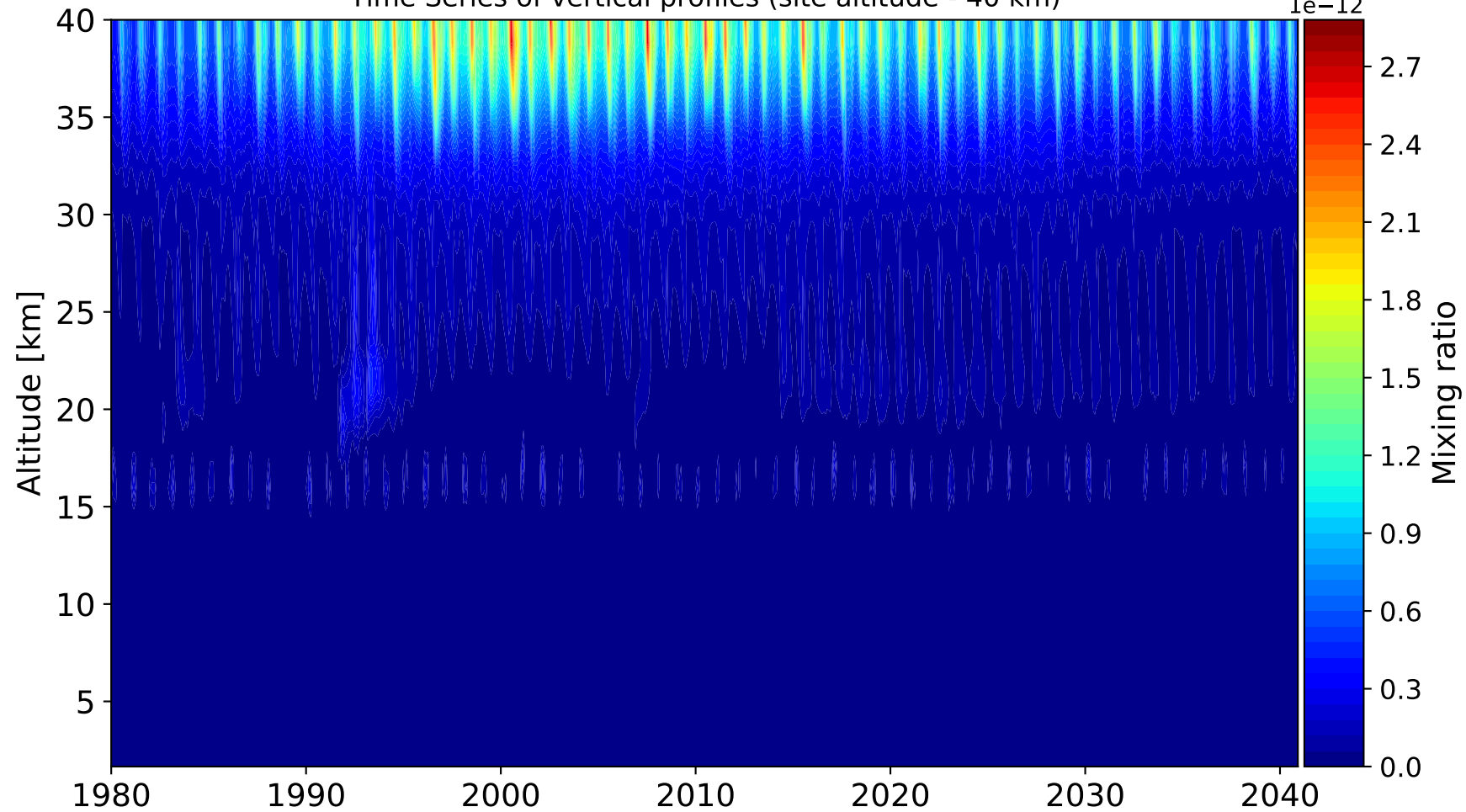


Time Series of vertical profiles (site altitude - 120 km)

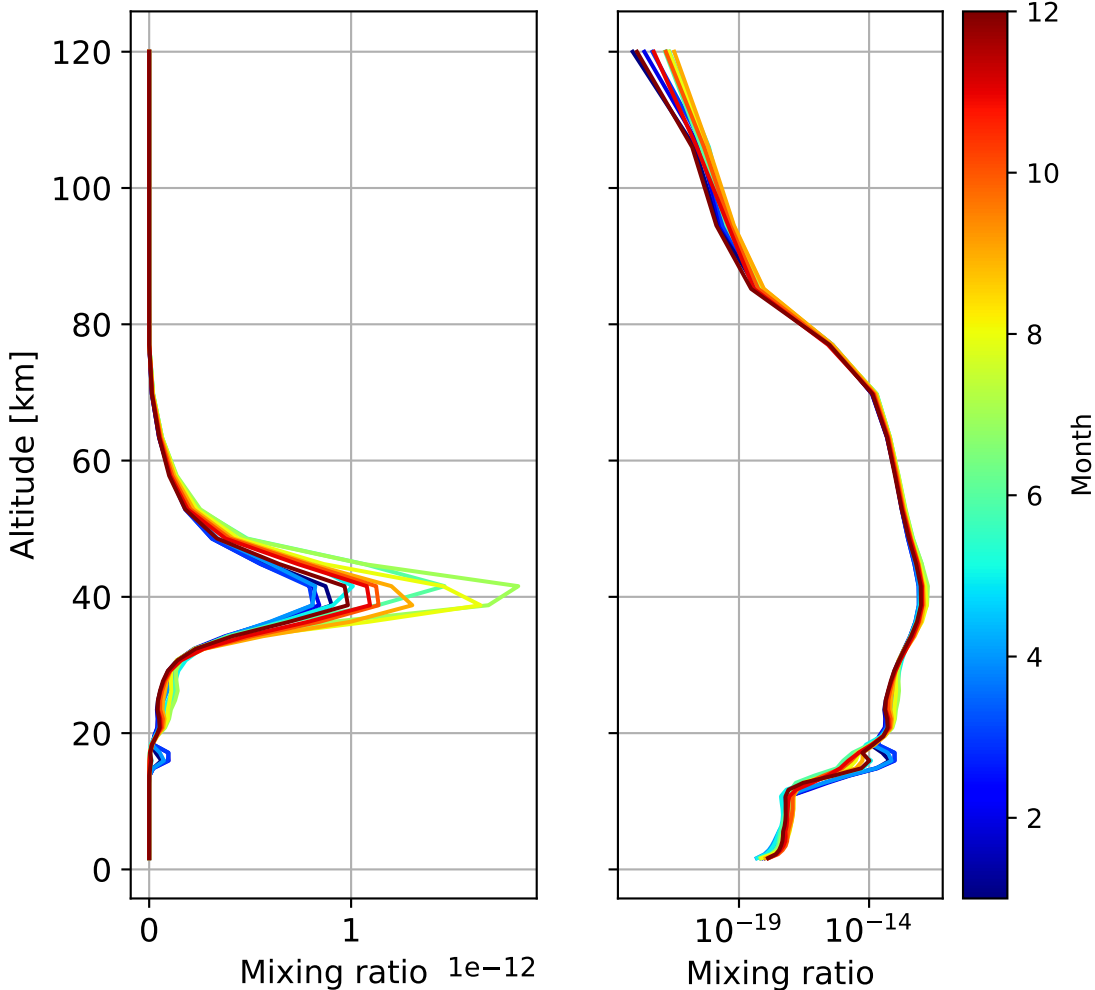


Time Series of vertical profiles (site altitude - 40 km)

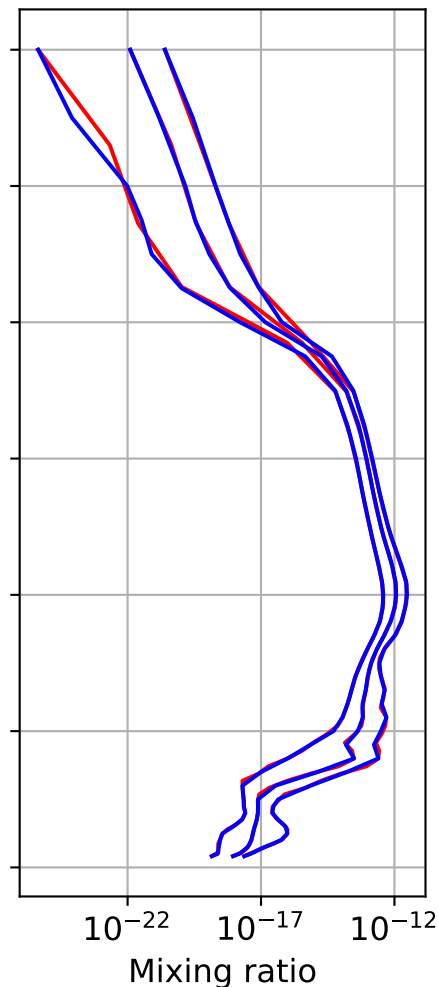
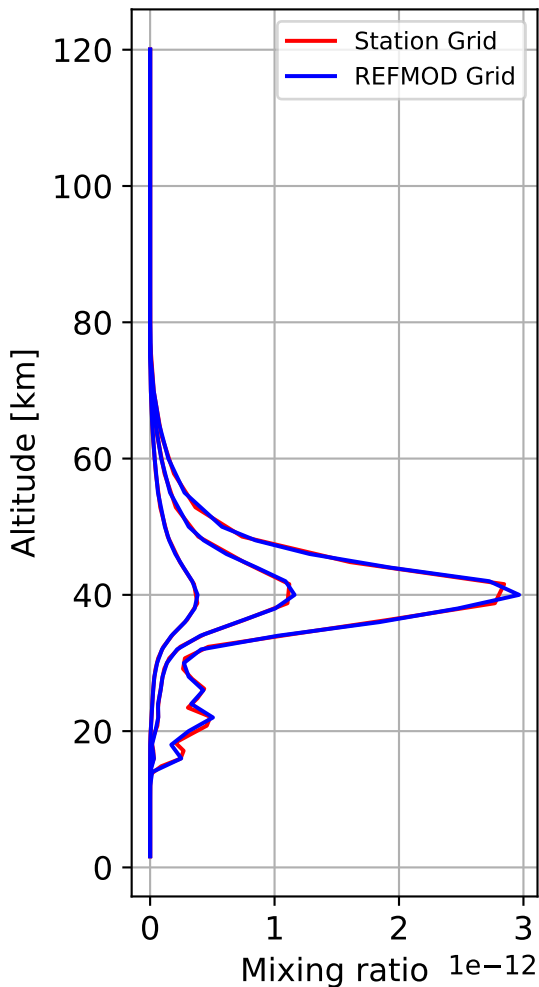
$1e-12$



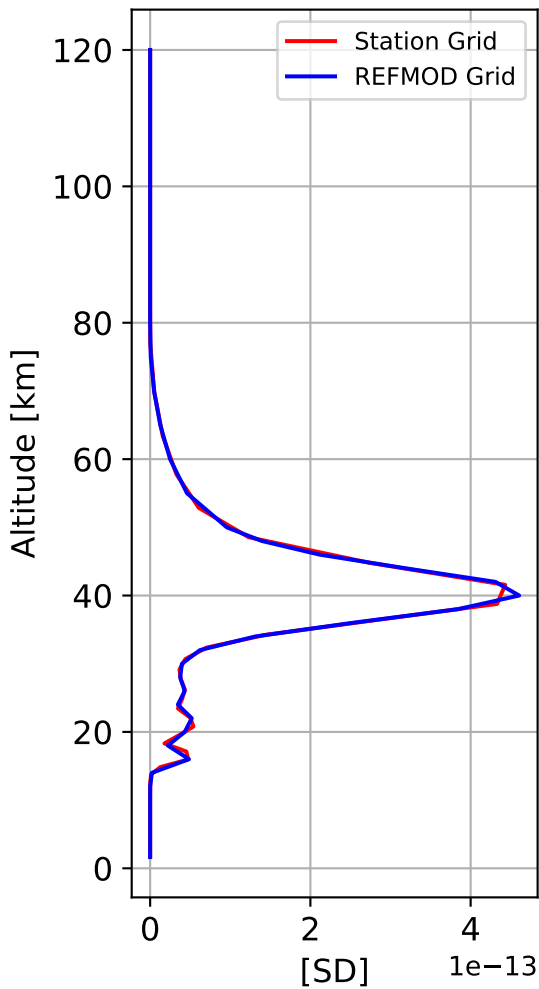
Monthly mean WACCM profile (interpolated to station grid)  
Windhoek, -22.57N, 17.08E, 1.655kmasl



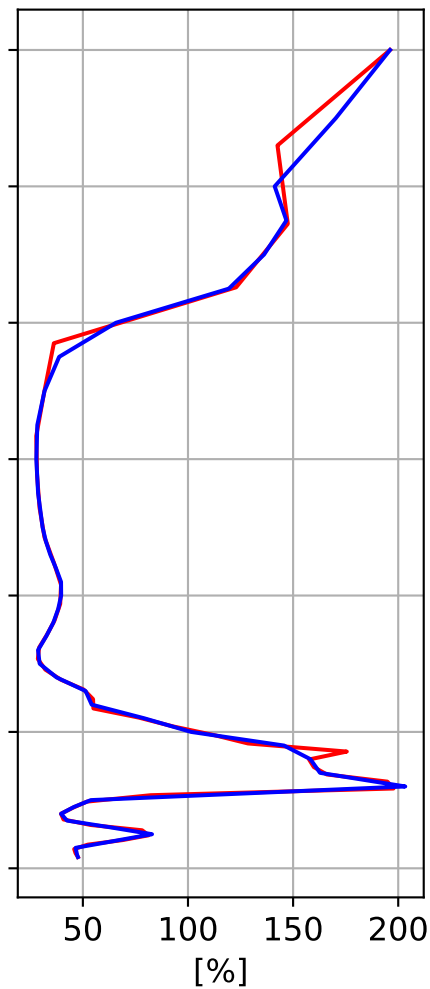
Min, Max, Mean of 732 profiles  
Windhoek, -22.57N, 17.08E, 1.655kmasl



Std. Deviation



Percent Deviation



Level covariance matrix

1e-25

Altitude [km]

120

100

80

60

40

20

20

Altitude [km]

40

60

80

100

120

2.00

1.75

1.50

1.25

1.00

0.75

0.50

0.25

0.00

Mixing ratio[ $\sim 2$ ]