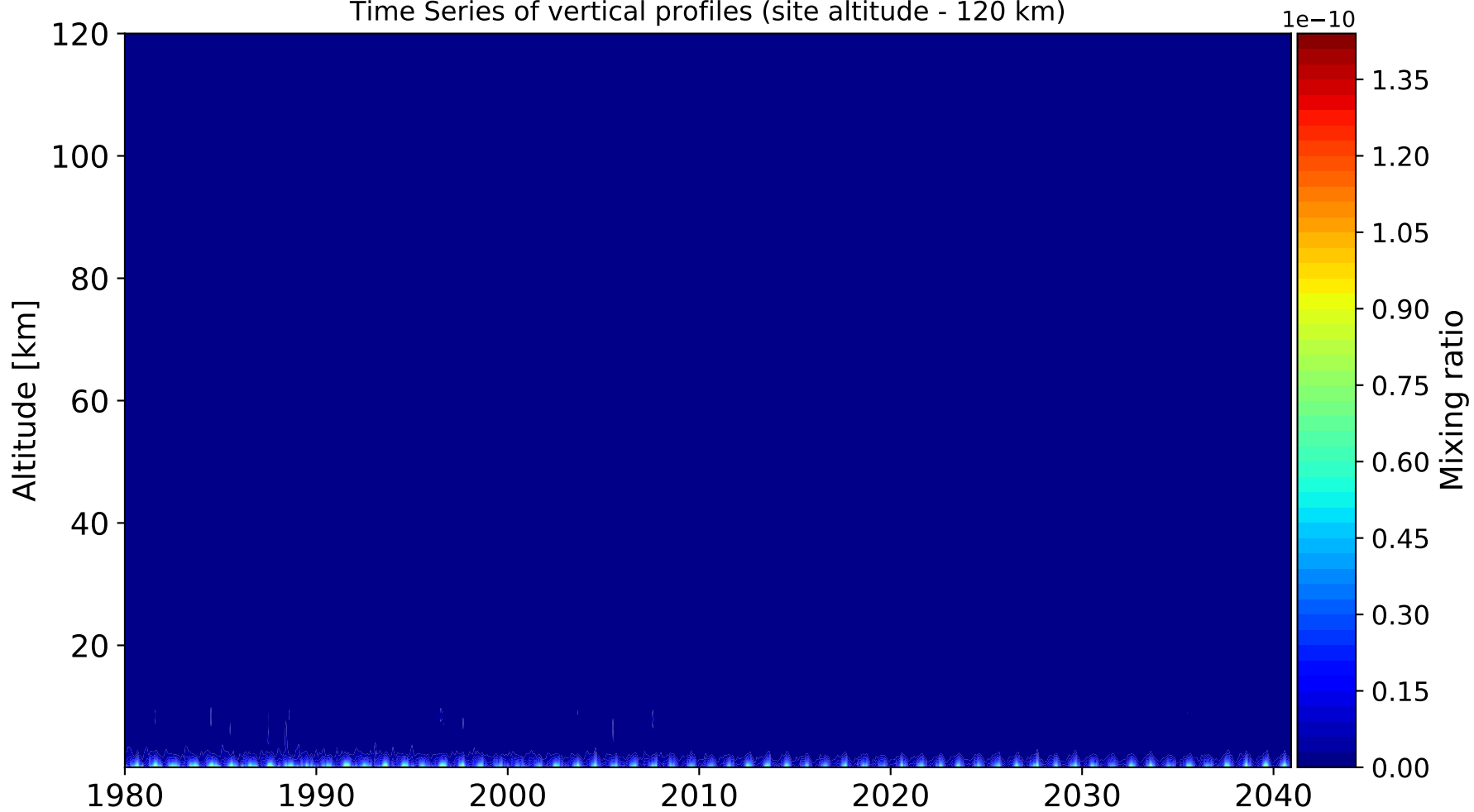
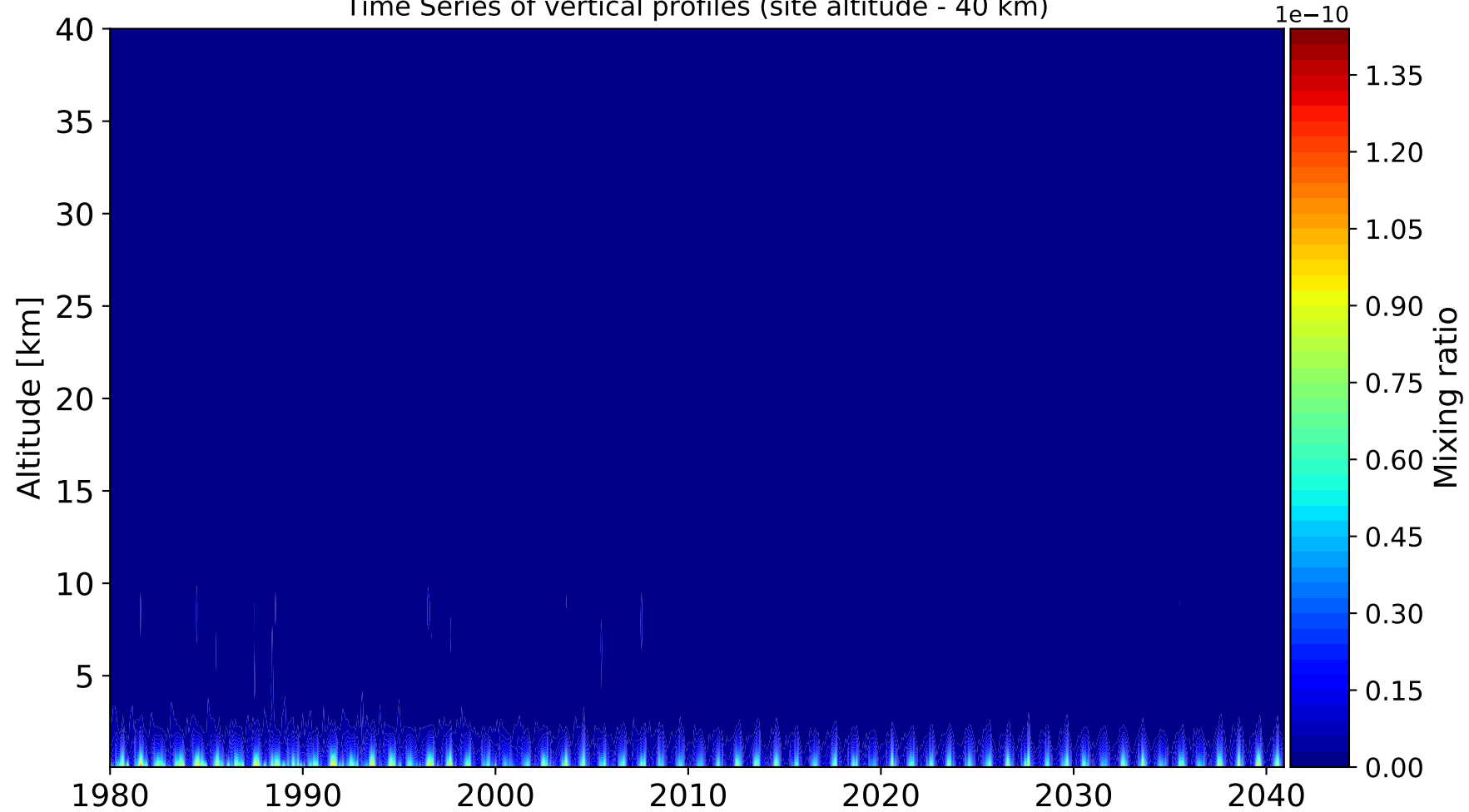


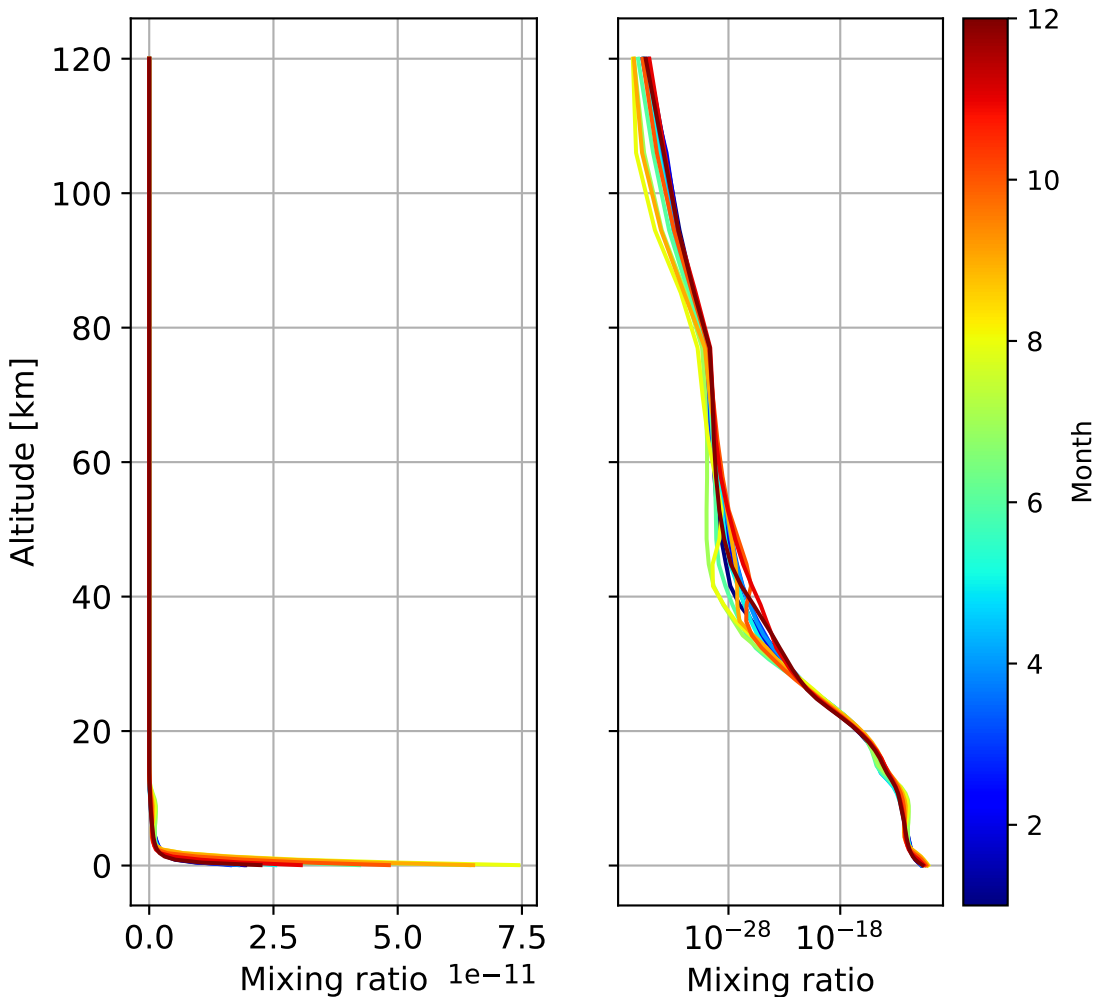
Time Series of vertical profiles (site altitude - 120 km)



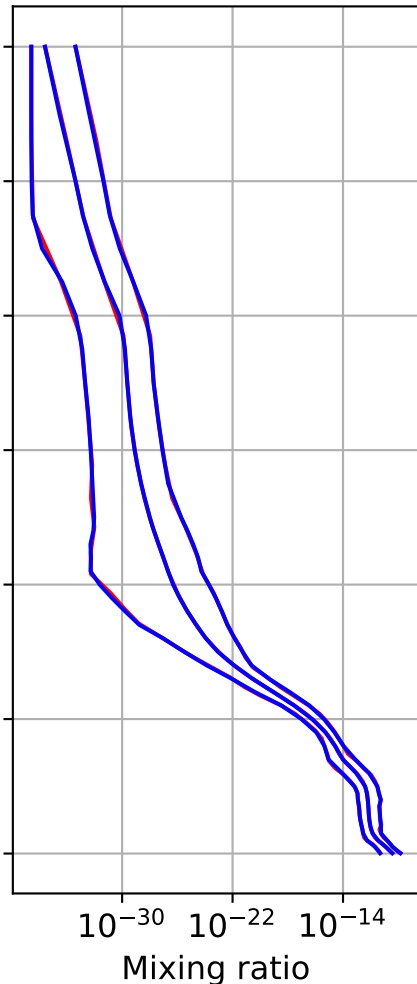
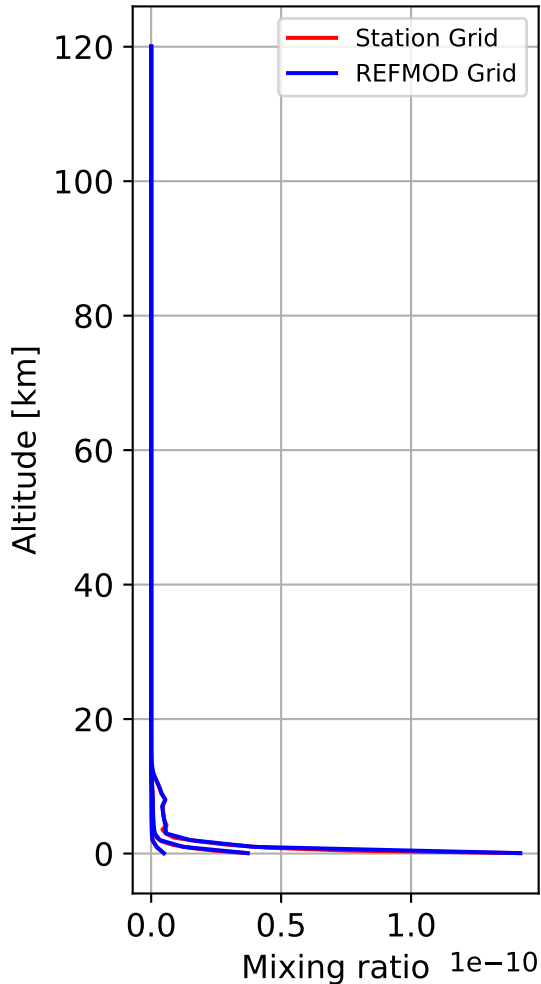
Time Series of vertical profiles (site altitude - 40 km)



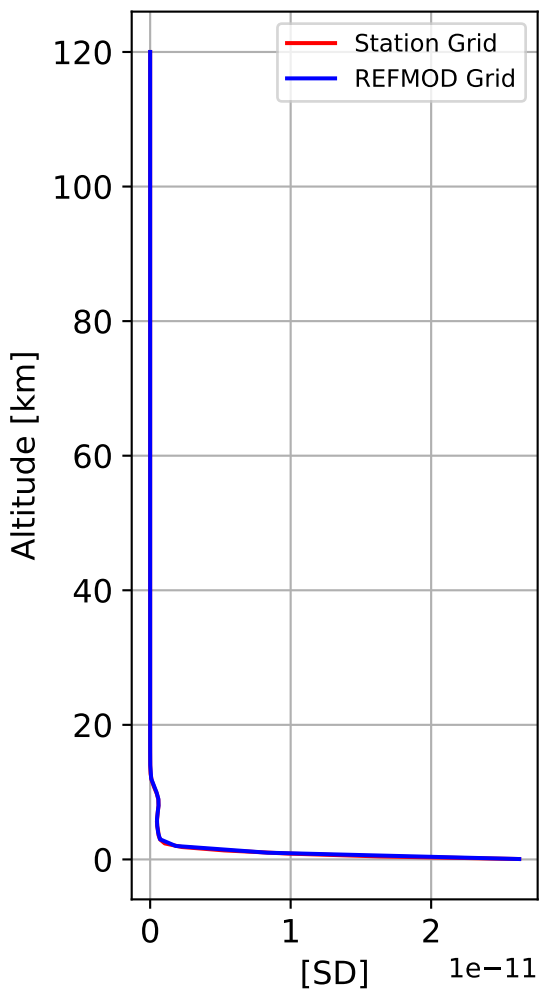
Monthly mean WACCM profile (interpolated to station grid)  
Paris, 48.97N, 2.37E, 0.06kmasl



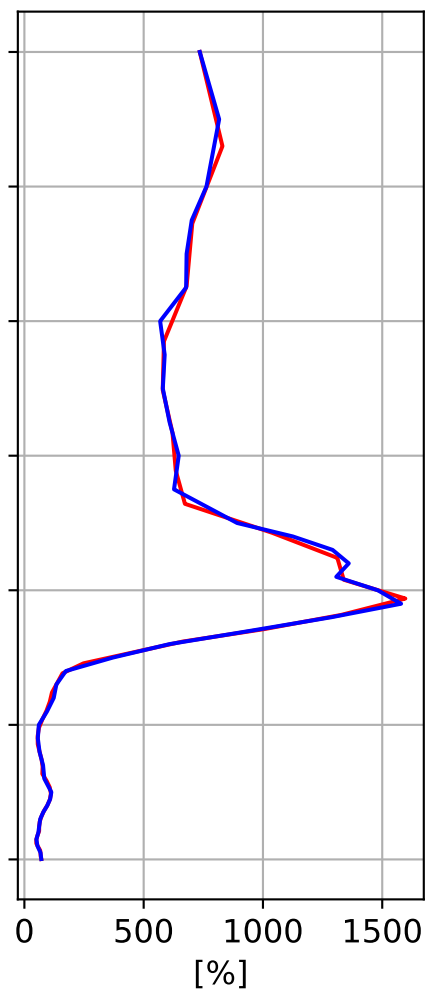
Min, Max, Mean of 732 profiles  
Paris, 48.97N, 2.37E, 0.06kmasl



### Std. Deviation



### Percent Deviation



Level covariance matrix

$1e-22$

Altitude [km]

120

100

80

60

40

20

20

40

60

80

100

120

Altitude [km]

6.75

6.00

5.25

4.50

3.75

3.00

2.25

1.50

0.75

0.00

Mixing ratio[ $\sim 2$ ]

