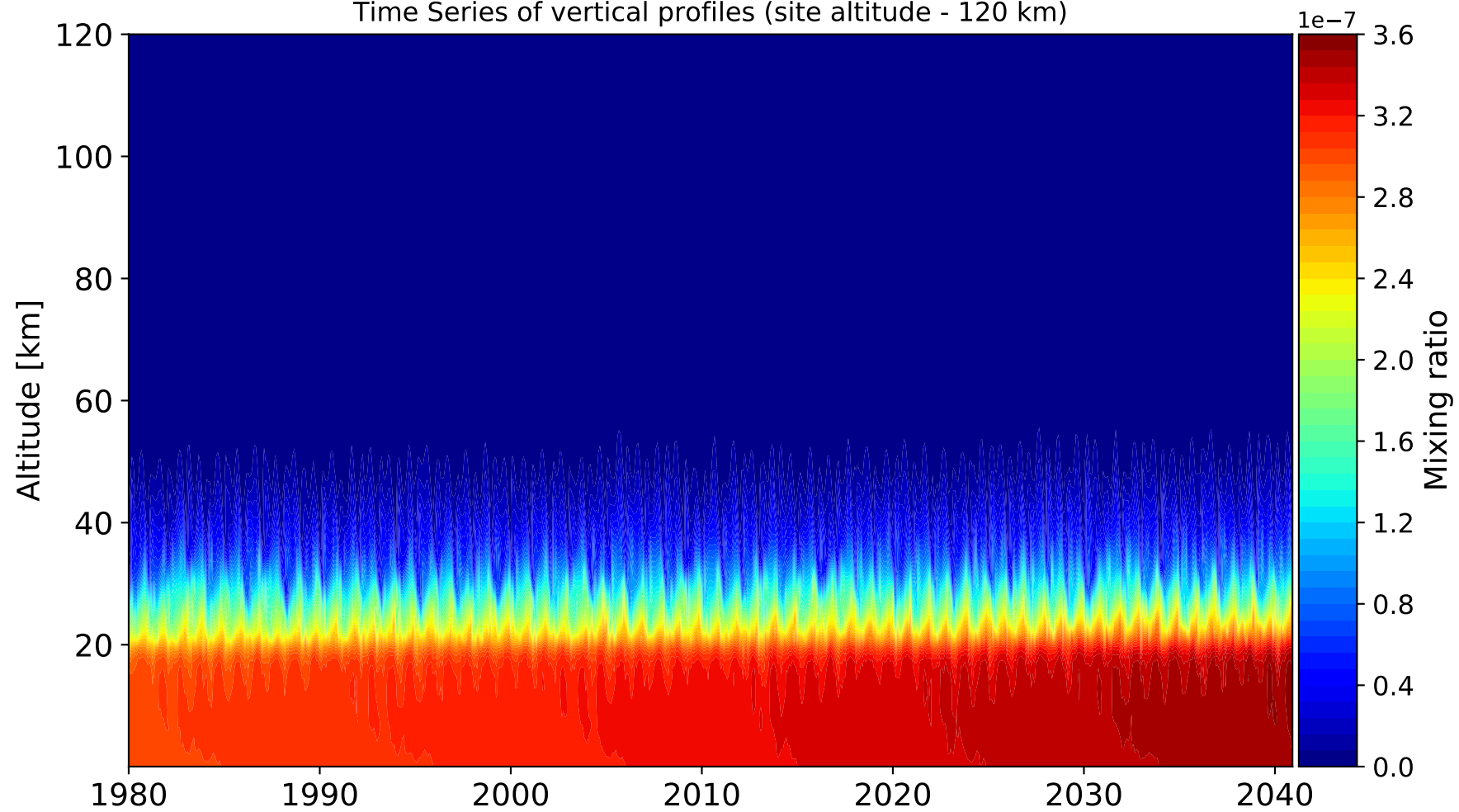
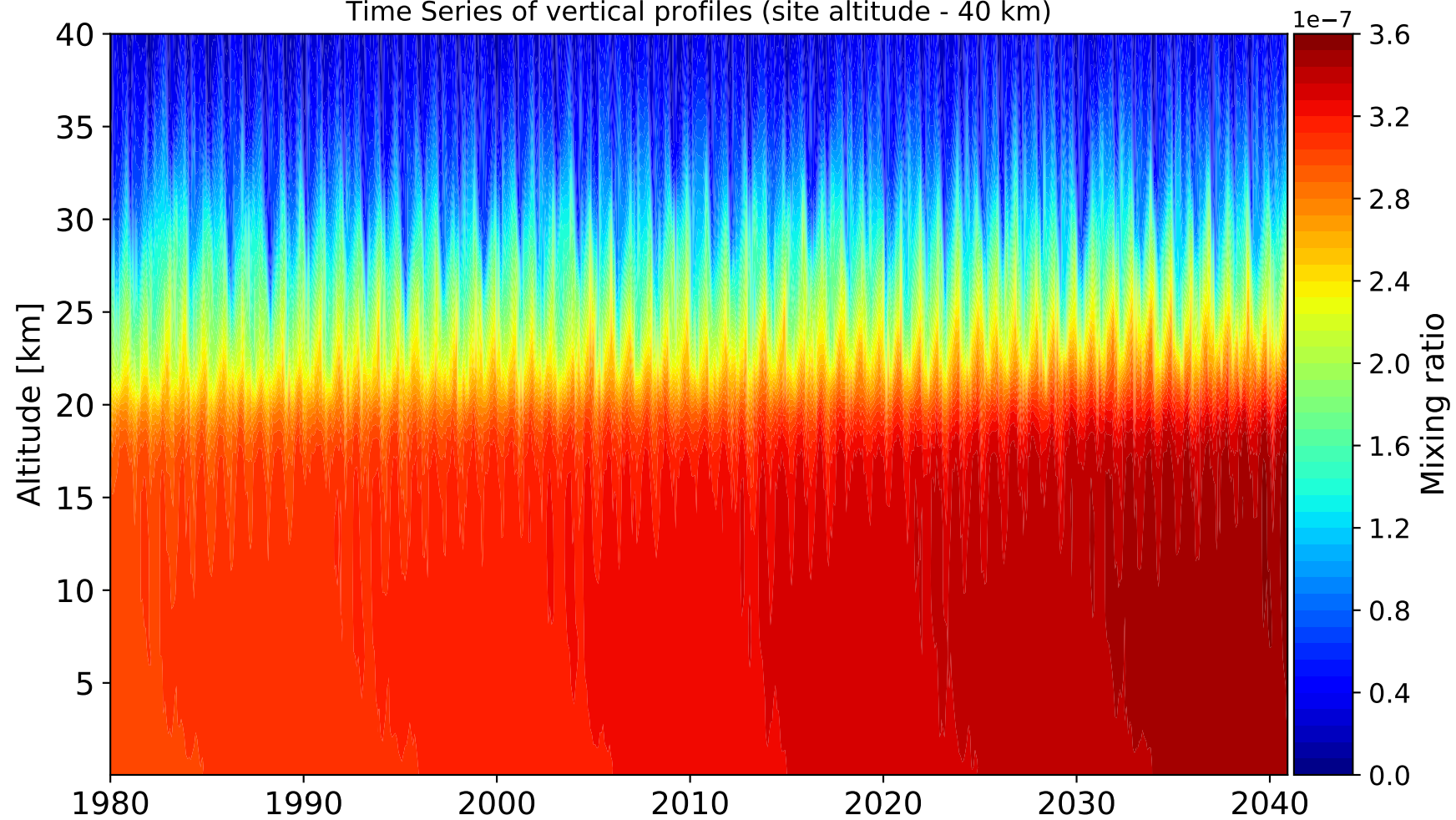


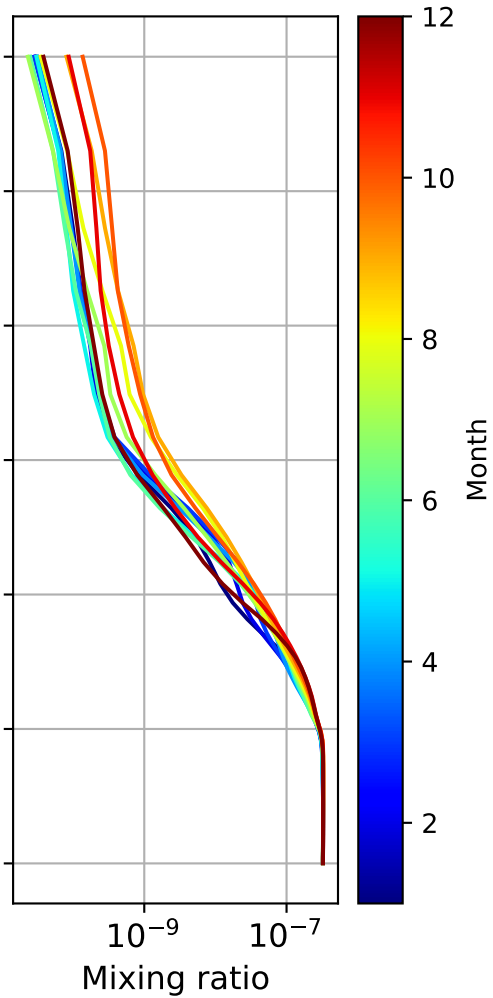
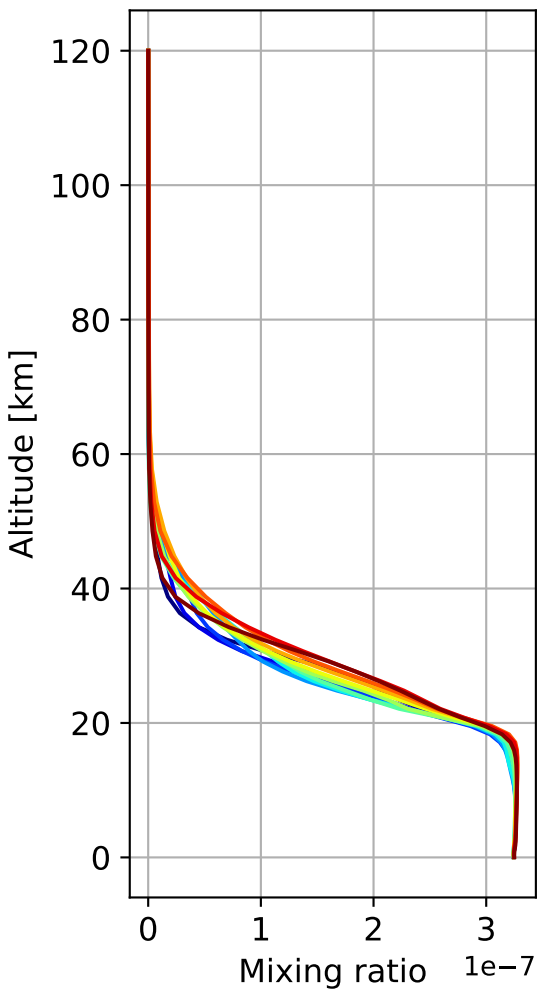
Time Series of vertical profiles (site altitude - 120 km)



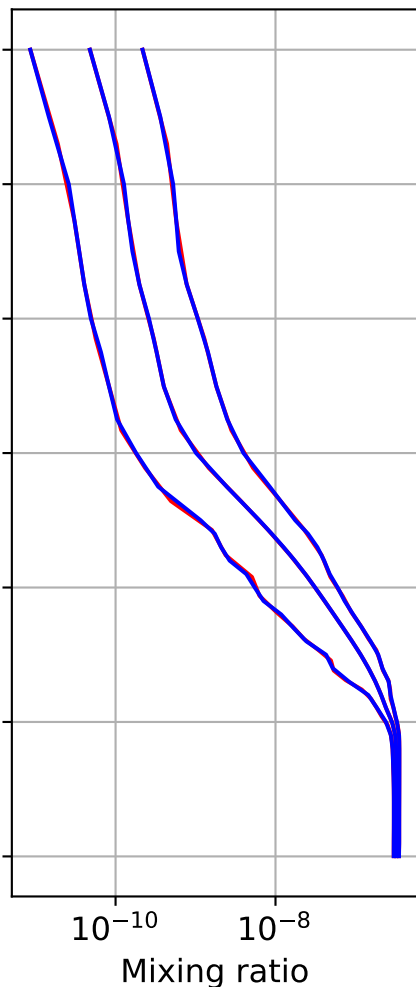
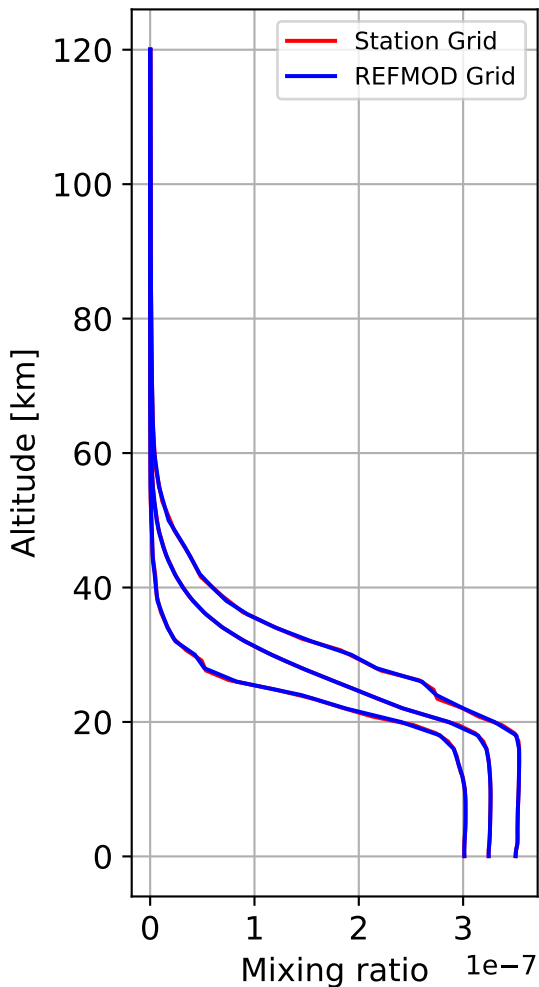
Time Series of vertical profiles (site altitude - 40 km)



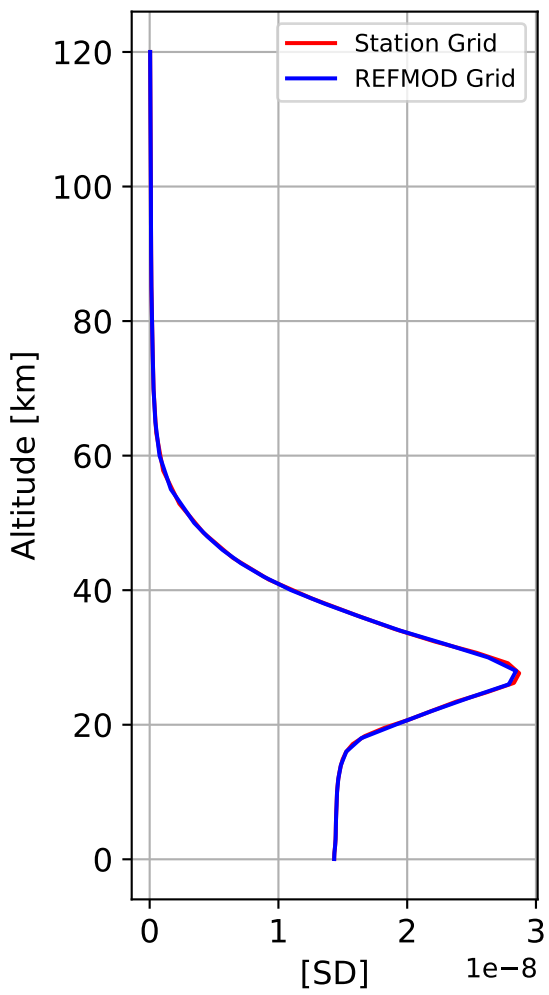
Monthly mean WACCM profile (interpolated to station grid) Hefei, 31.9N, 117.17E, 0.04kmasl



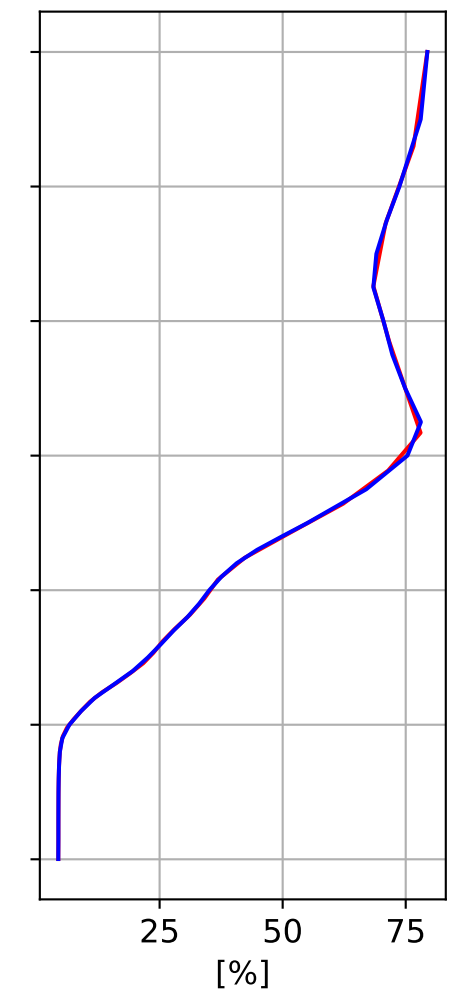
Min, Max, Mean of 732 profiles Hefei, 31.9N, 117.17E, 0.04kmasl



Std. Deviation



Percent Deviation

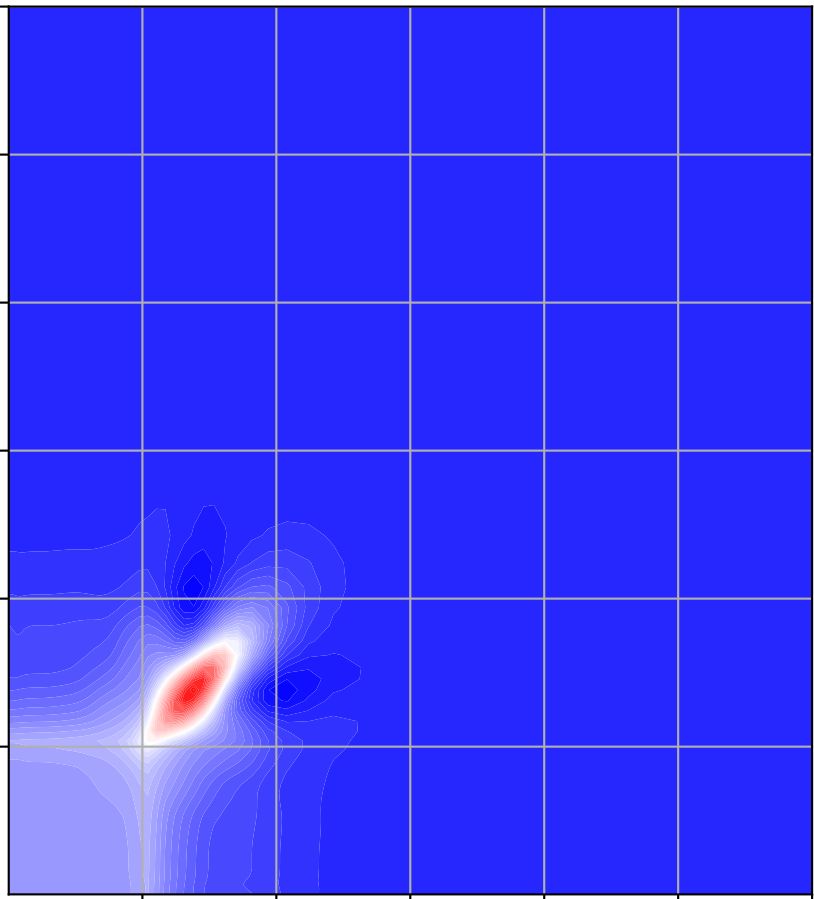


Level covariance matrix

1e-16

Altitude [km]

120
100
80
60
40
20



Mixing ratio[~ 2]

0

1

2

3

4

5

6

7

8

Altitude [km]

20

40

60

80

100

120