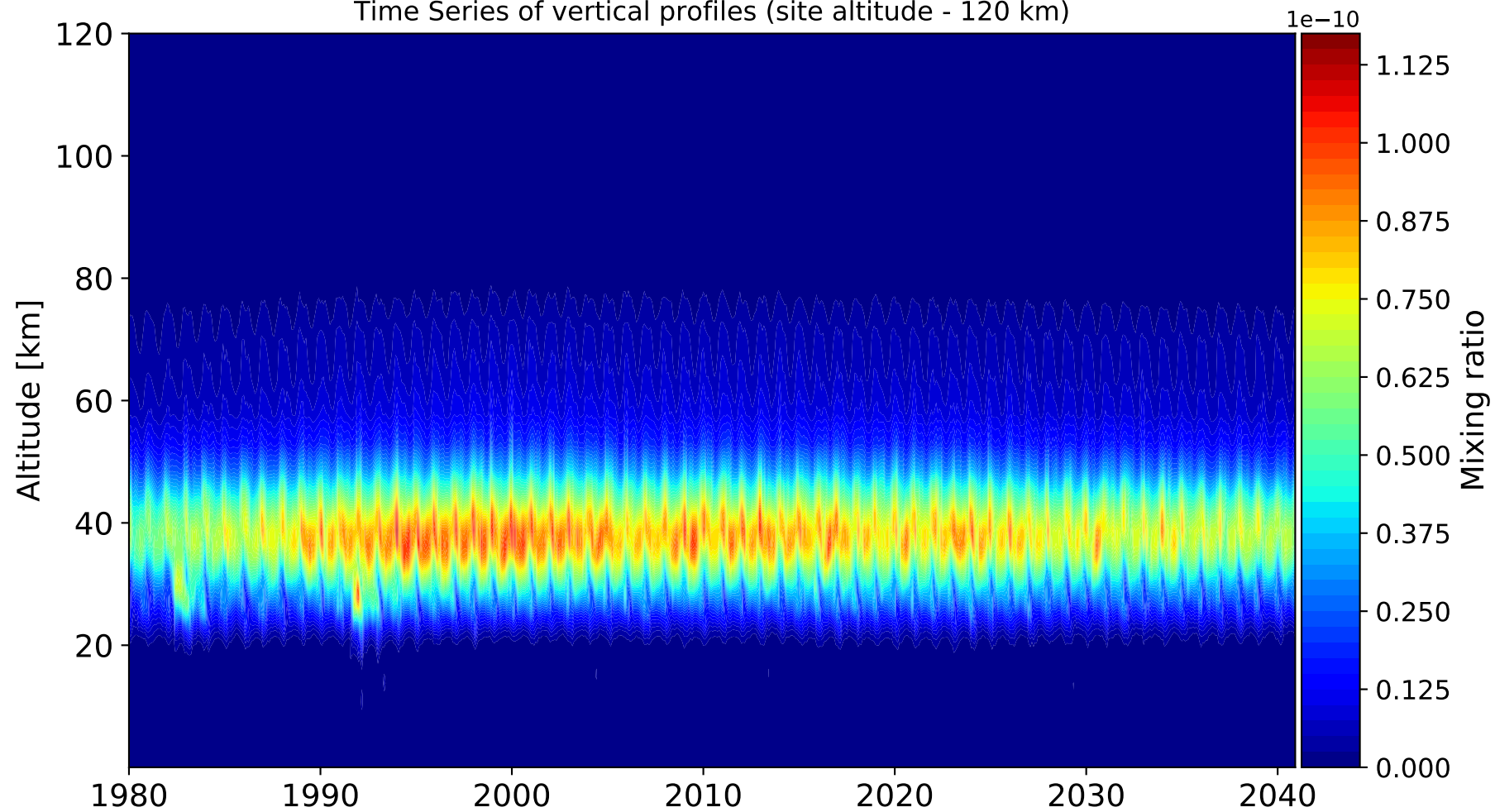
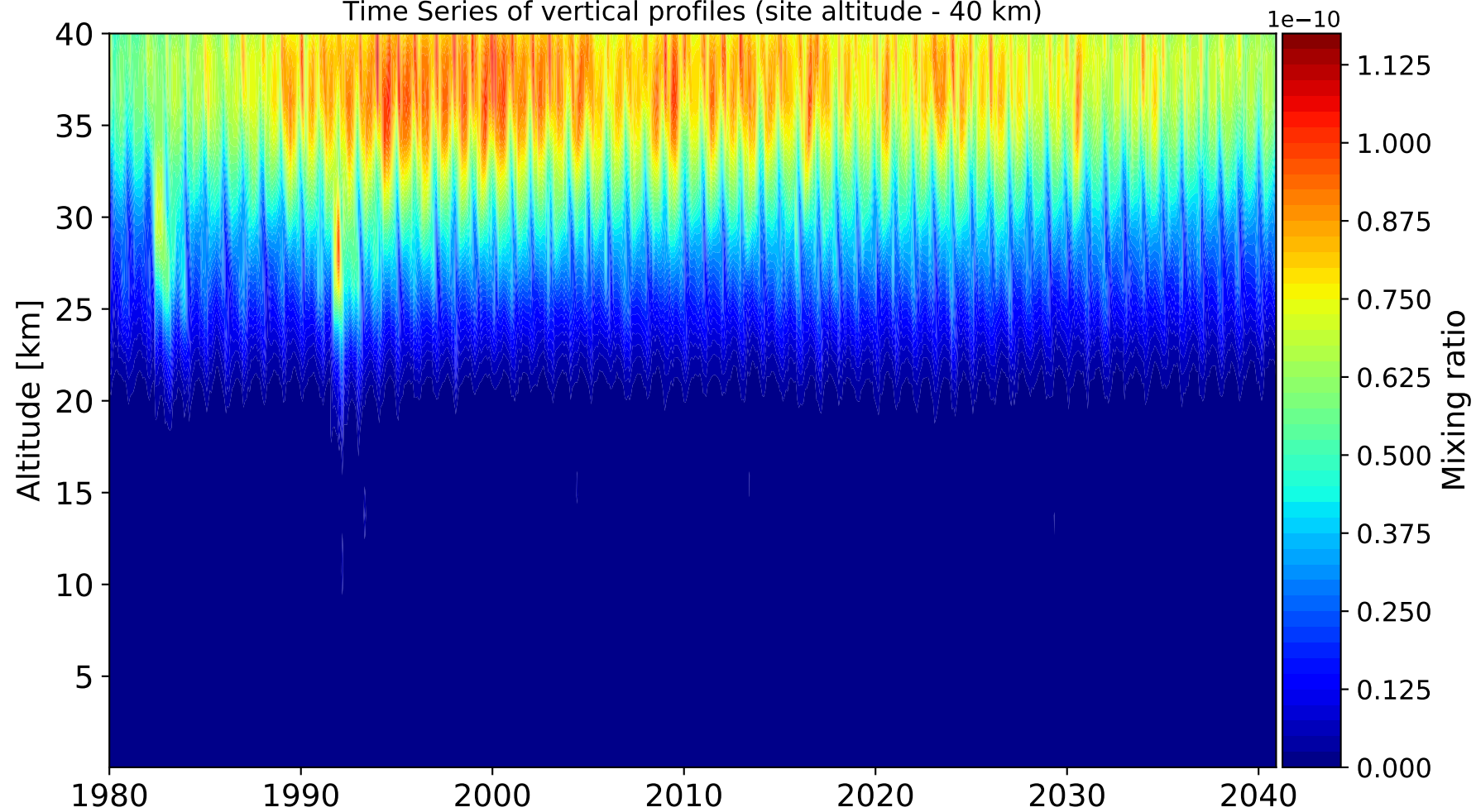


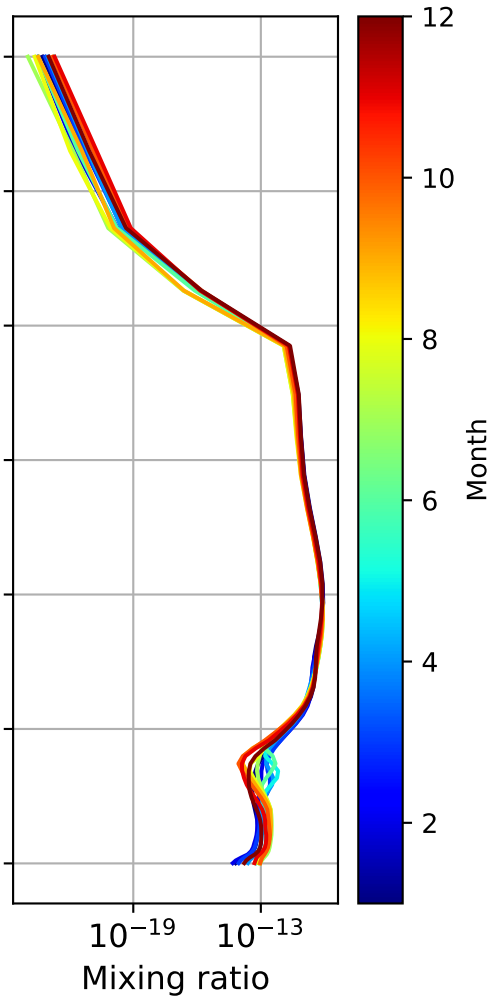
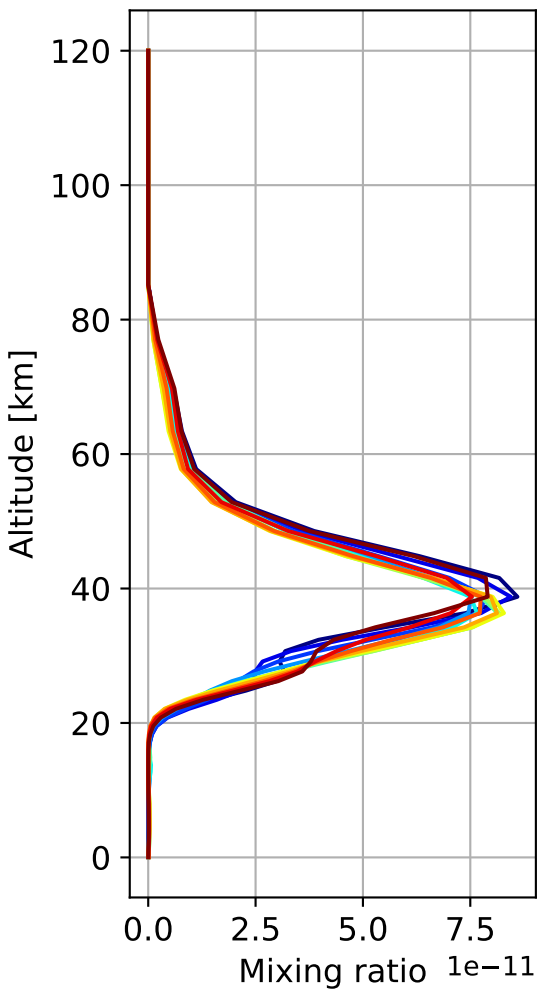
Time Series of vertical profiles (site altitude - 120 km)



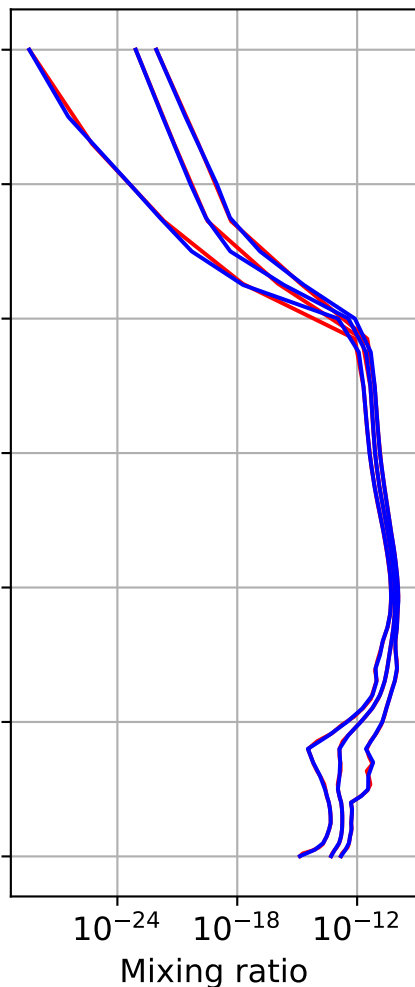
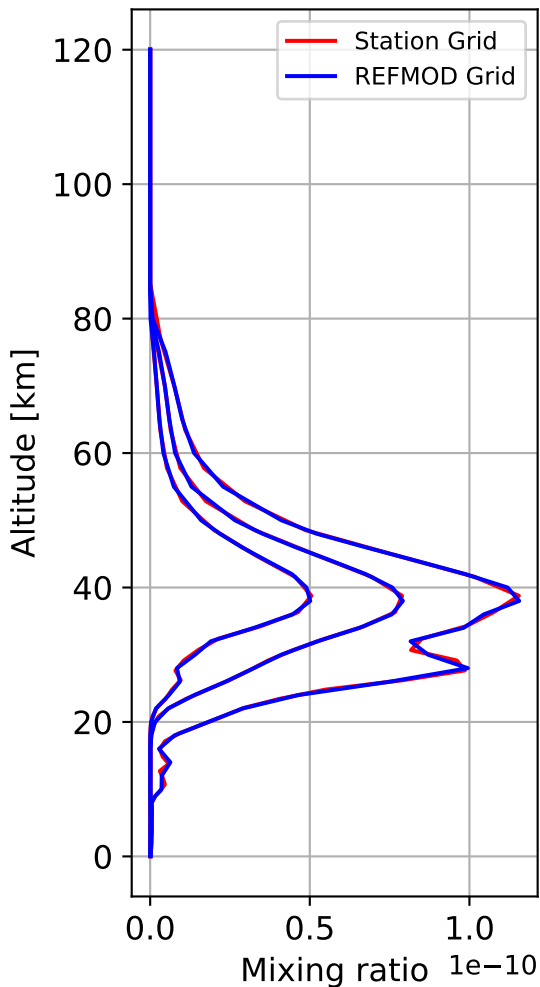
Time Series of vertical profiles (site altitude - 40 km)



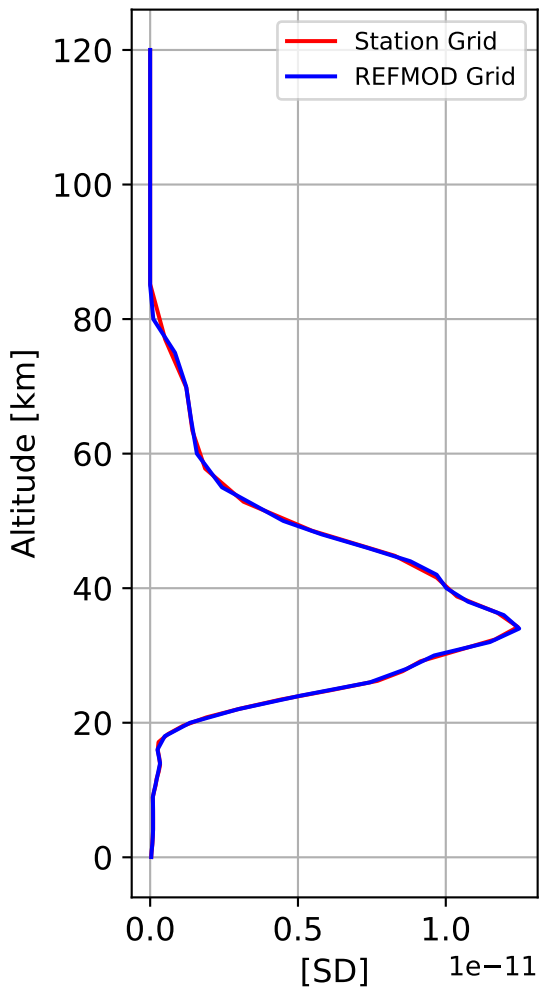
Monthly mean WACCM profile (interpolated to station grid) Hefei, 31.9N, 117.17E, 0.04kmasl



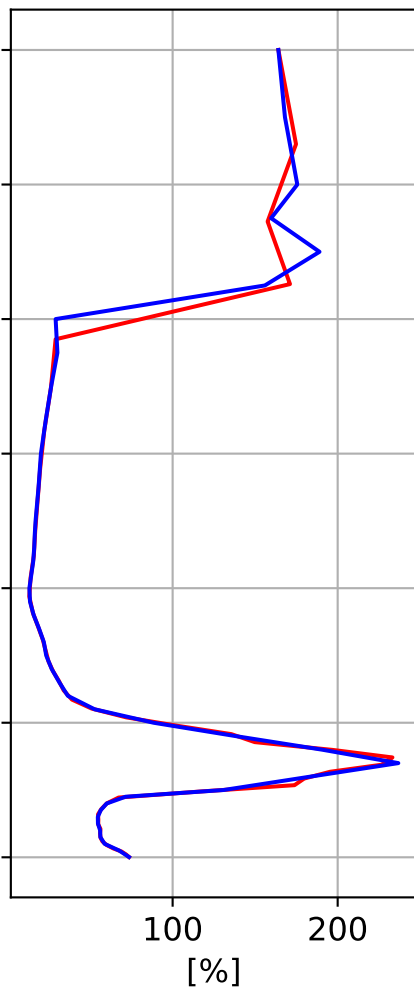
Min, Max, Mean of 732 profiles
Hefei, 31.9N, 117.17E, 0.04kmasl



Std. Deviation



Percent Deviation



Level covariance matrix

1e-22

Altitude [km]

120
100
80
60
40
20

20

Altitude [km]

40

60

80

100

120

Mixing ratio[~ 2]

1.4

1.2

1.0

0.8

0.6

0.4

0.2

0.0

