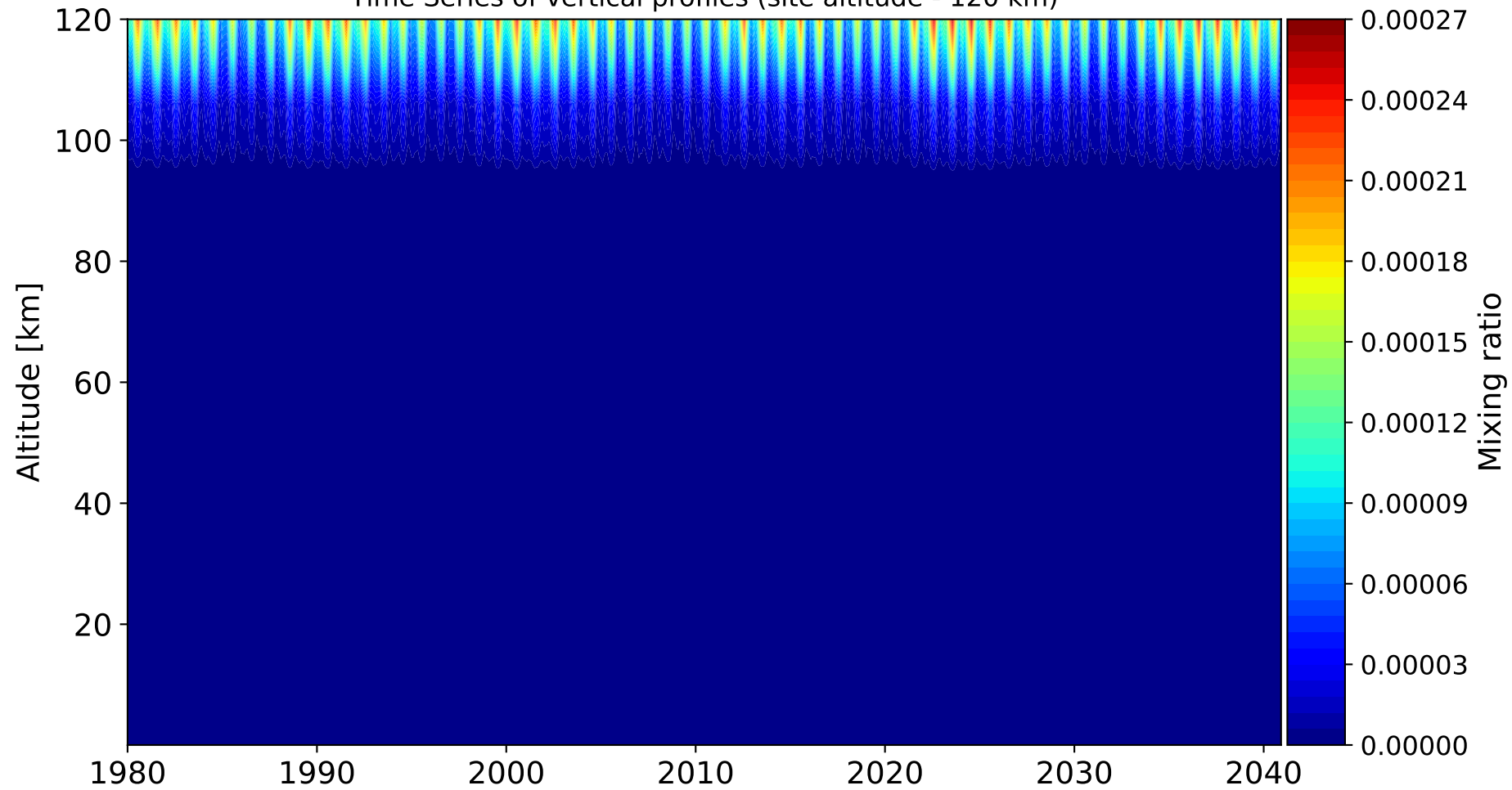
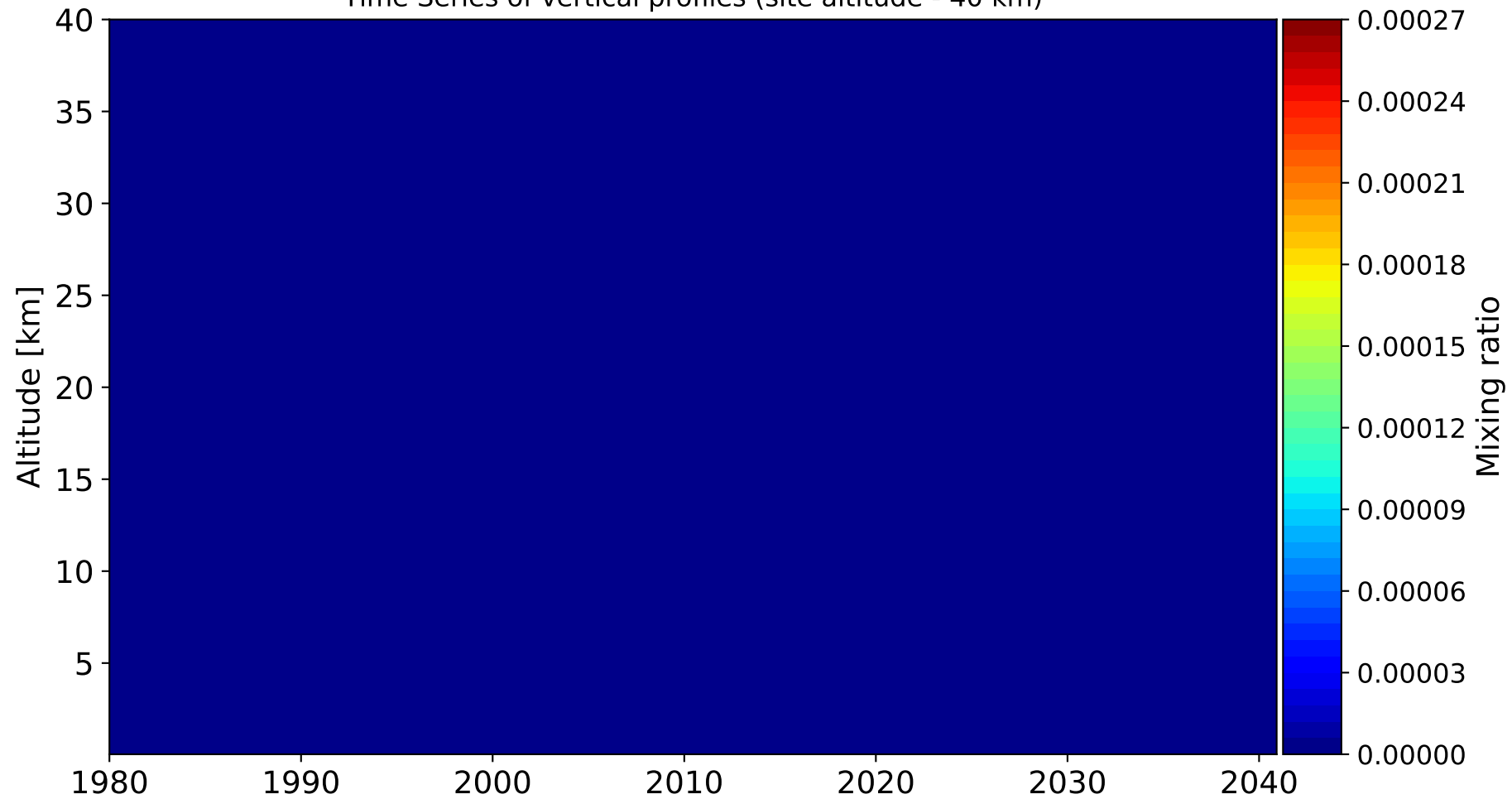


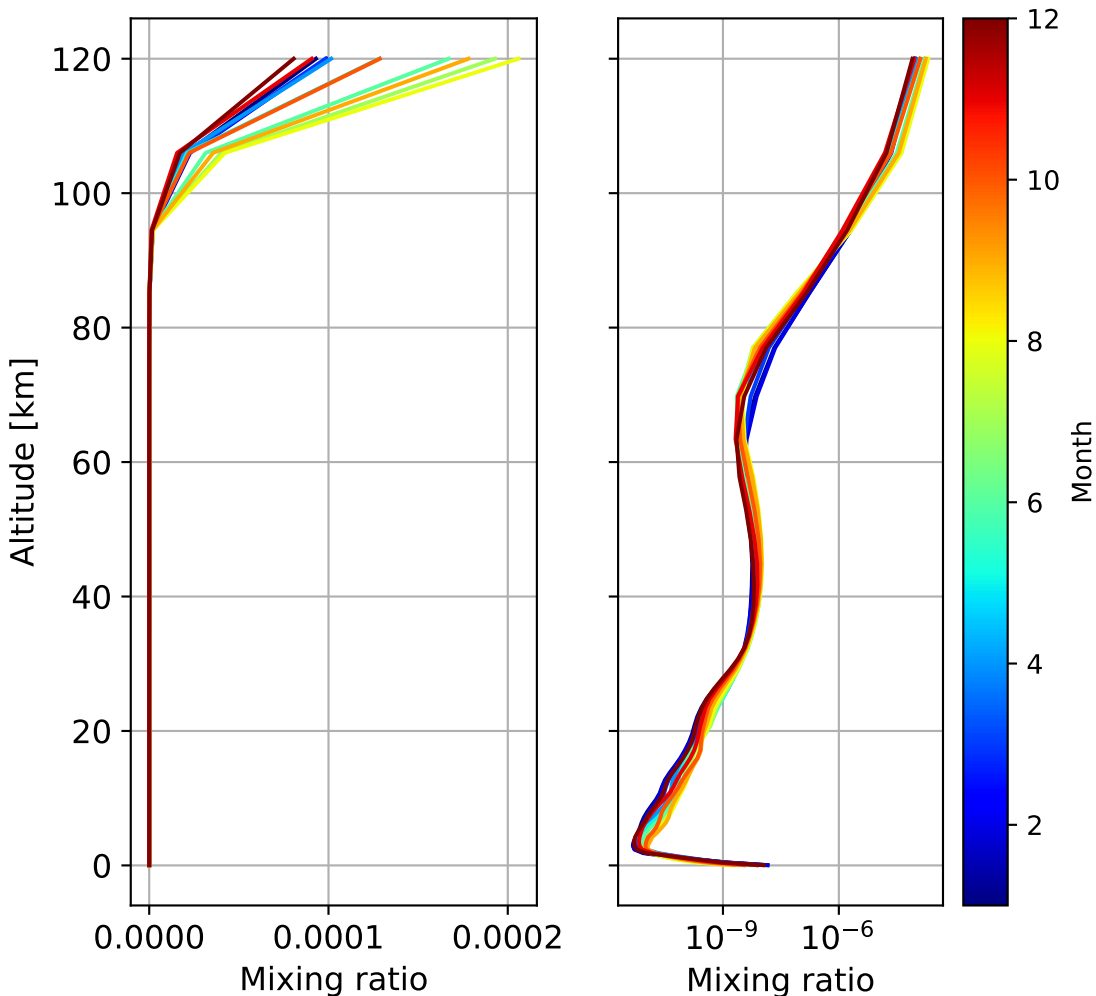
Time Series of vertical profiles (site altitude - 120 km)



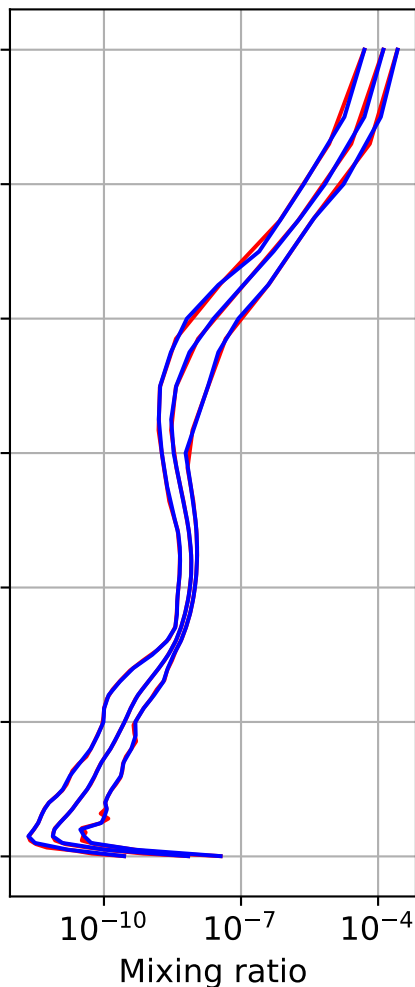
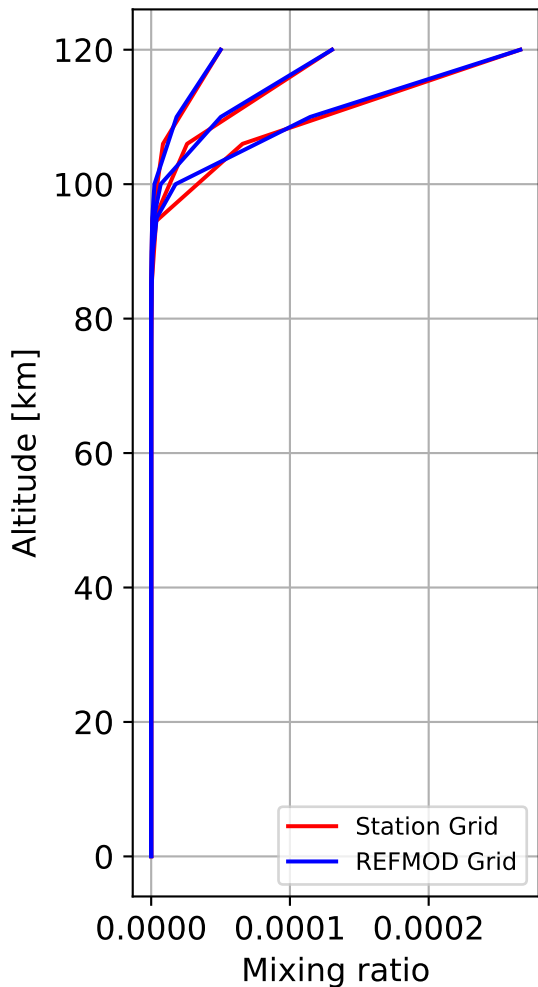
Time Series of vertical profiles (site altitude - 40 km)



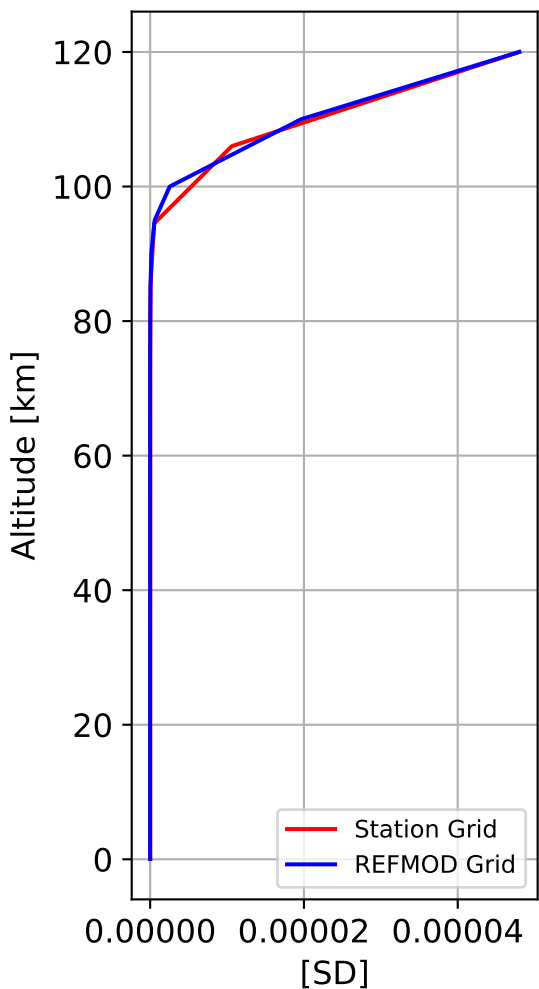
Monthly mean WACCM profile (interpolated to station grid) Hefei, 31.9N, 117.17E, 0.04kmasl



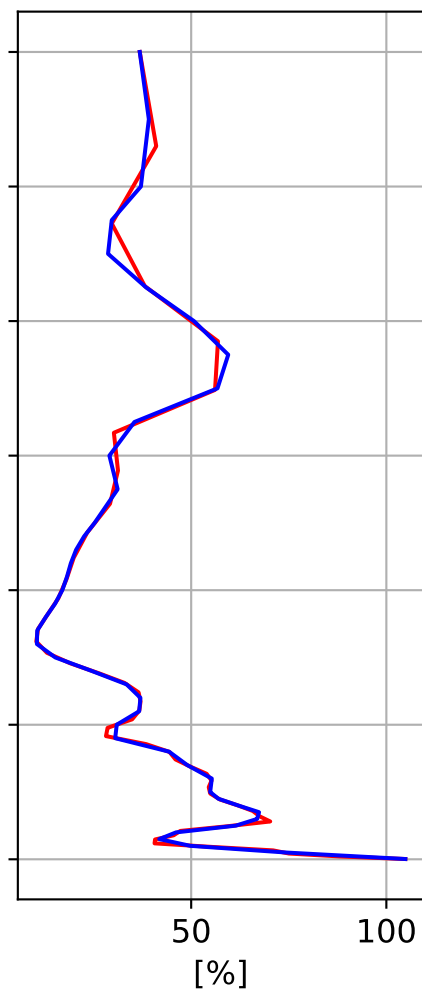
Min, Max, Mean of 732 profiles
Hefei, 31.9N, 117.17E, 0.04kmasl



Std. Deviation



Percent Deviation



Level covariance matrix

1e-9

Altitude [km]

120
100
80
60
40
20

20 40 60 80 100 120

Altitude [km]

Mixing ratio[~ 2]

2.25
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00

