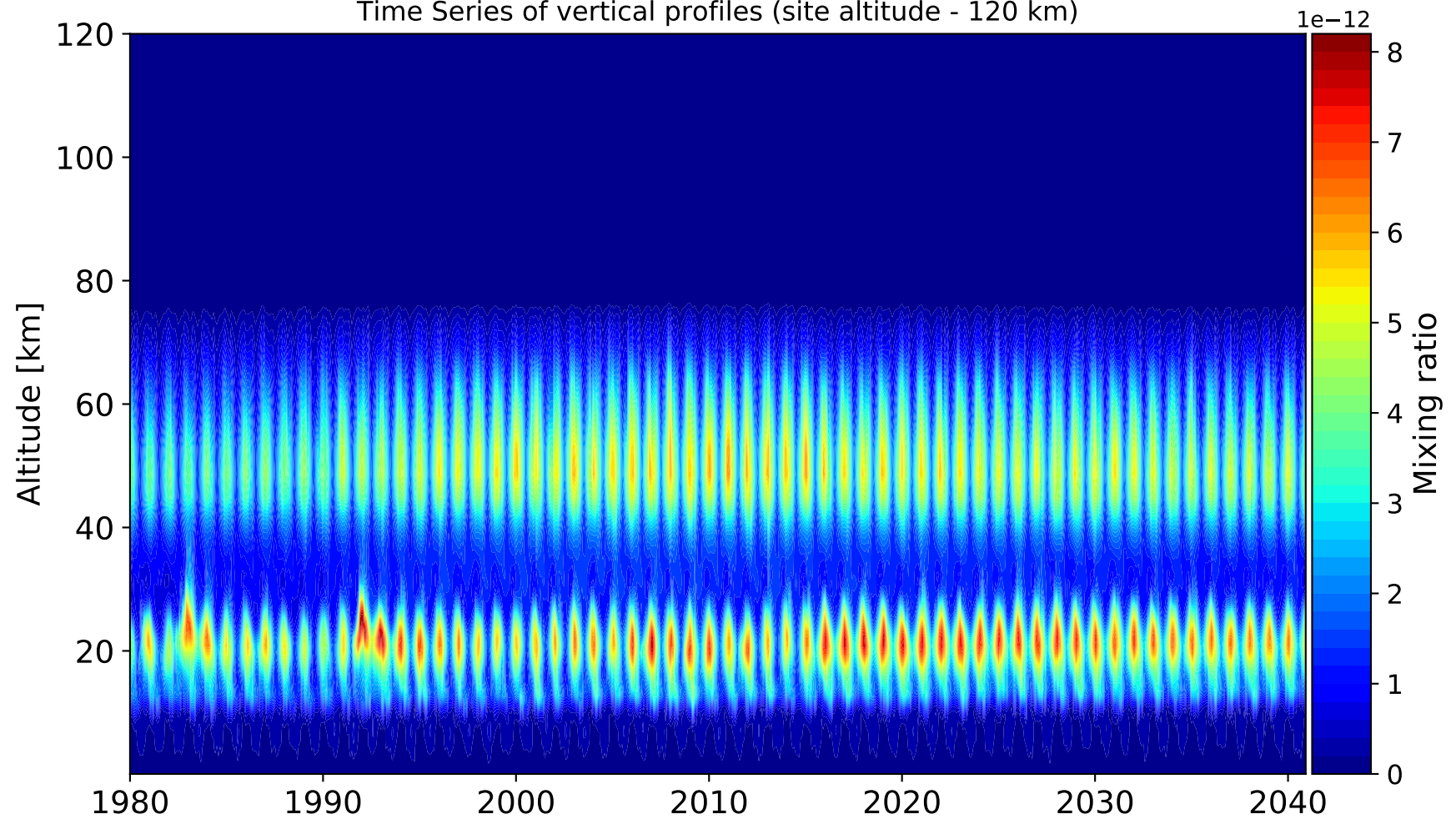
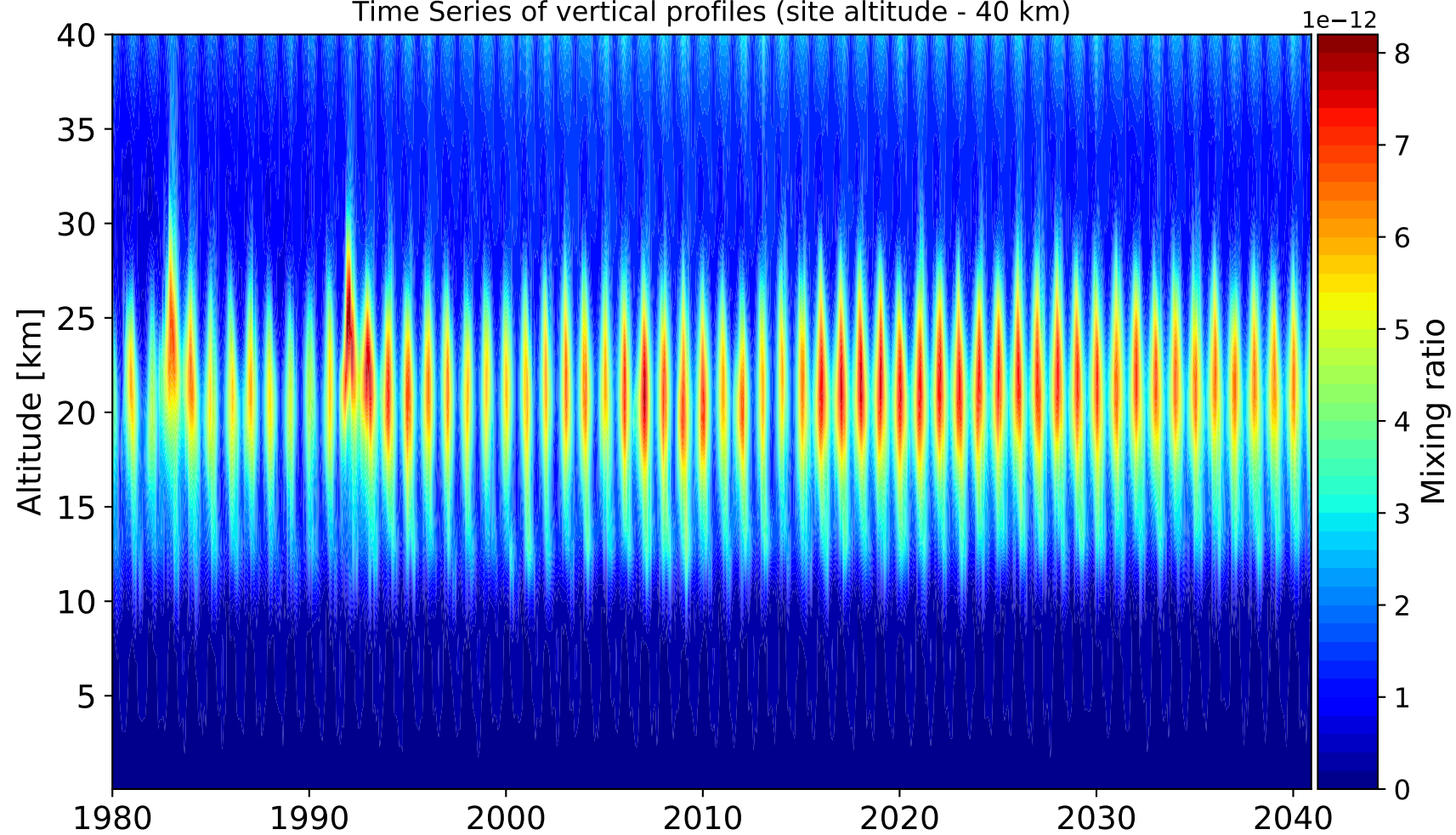


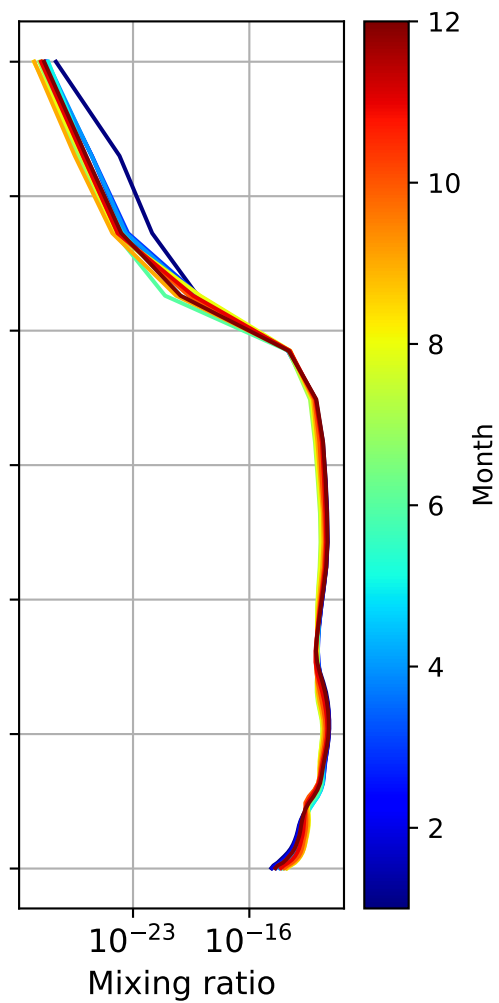
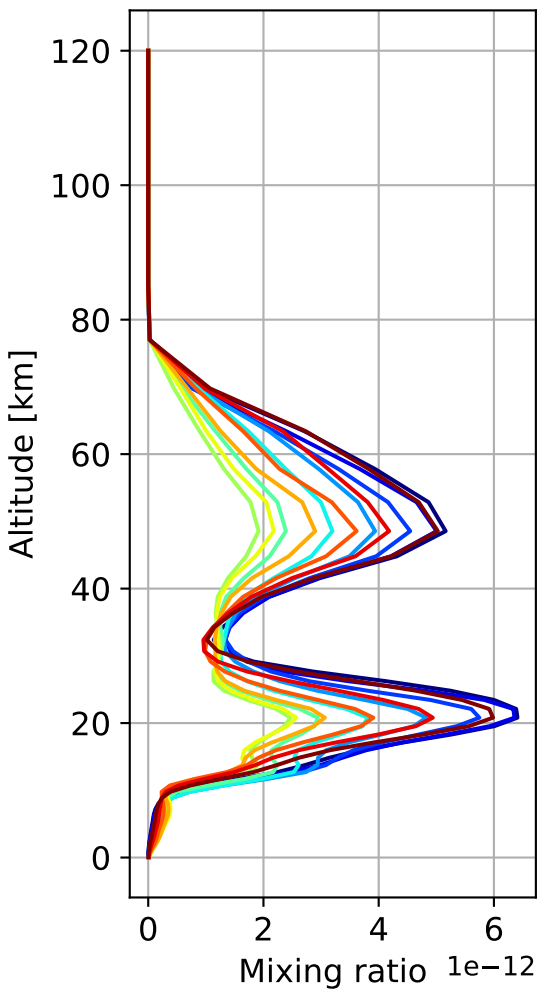
Time Series of vertical profiles (site altitude - 120 km)



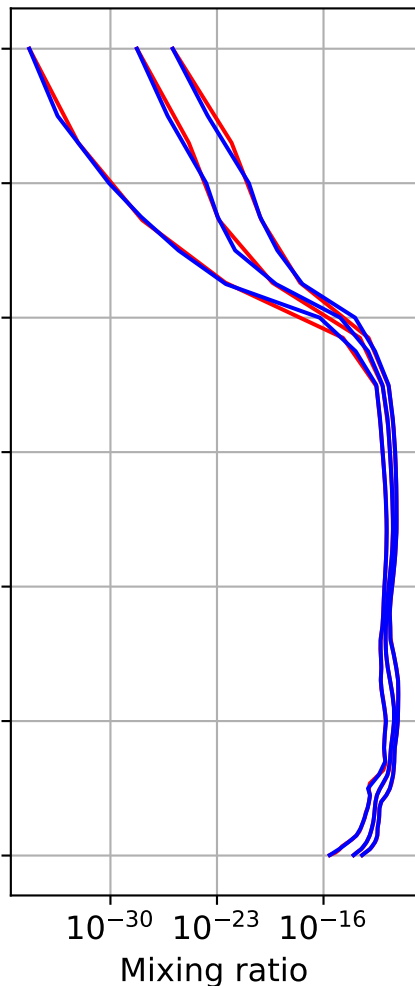
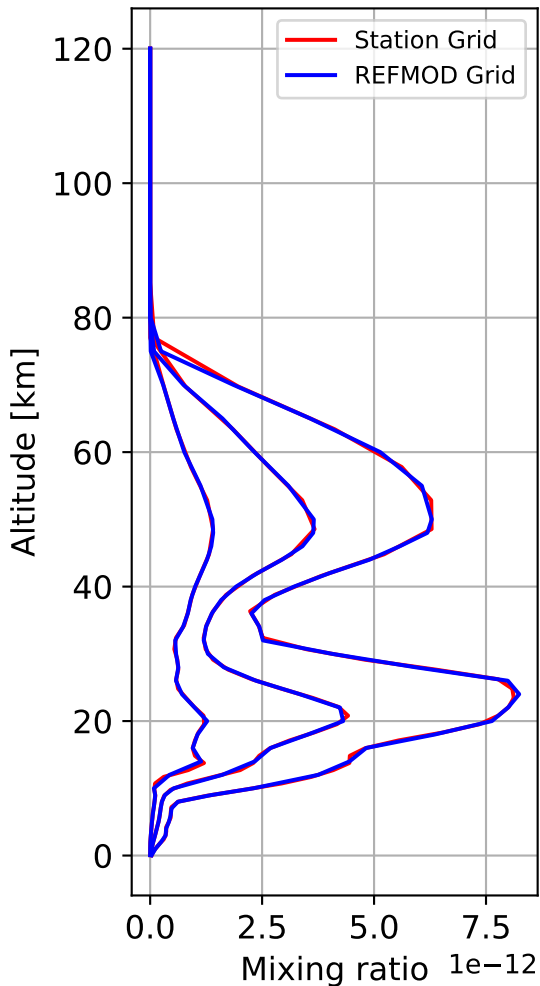
Time Series of vertical profiles (site altitude - 40 km)



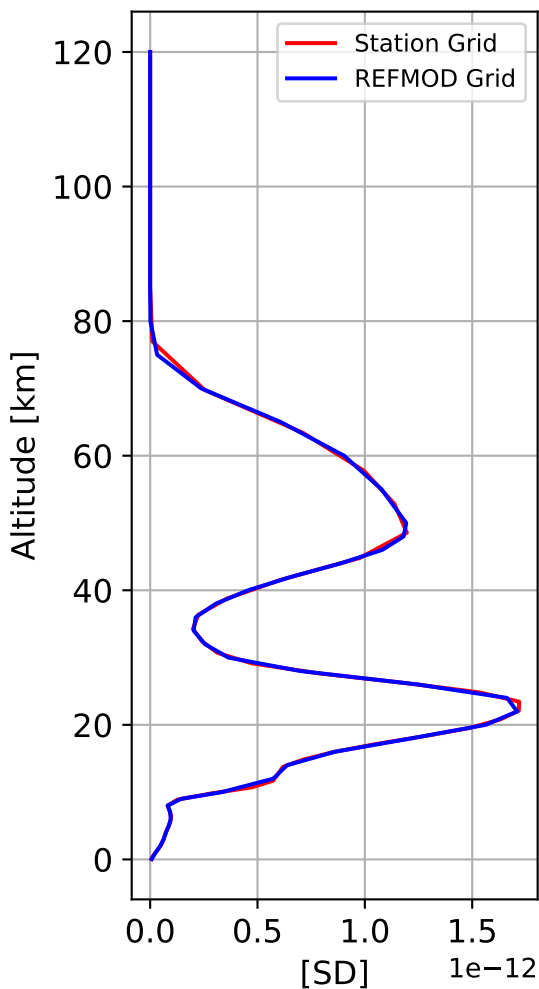
Monthly mean WACCM profile (interpolated to station grid) Paris, 48.97N, 2.37E, 0.06kmasl



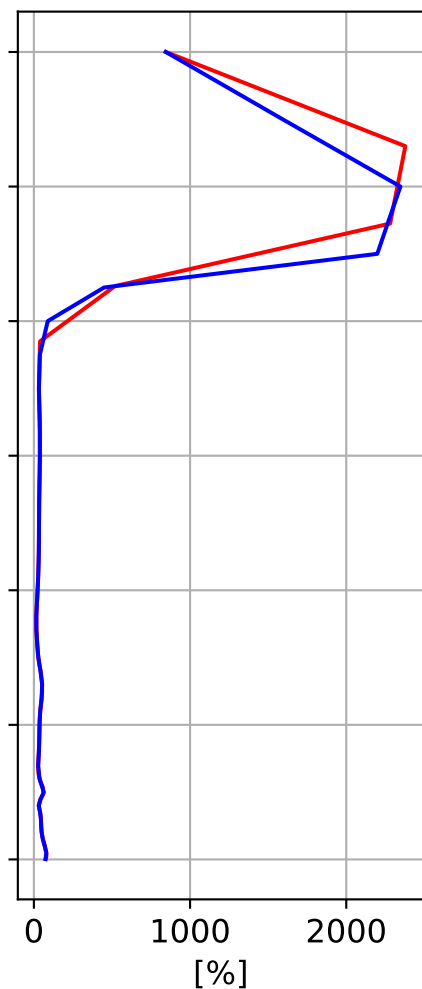
Min, Max, Mean of 732 profiles
Paris, 48.97N, 2.37E, 0.06kmasl



Std. Deviation



Percent Deviation



Level covariance matrix

1e-24

Altitude [km]

120

100

80

60

40

20

20

Altitude [km]

40

60

80

100

120

2.88
2.56
2.24
1.92
1.60
1.28
0.96
0.64
0.32
0.00Mixing ratio[~ 2]