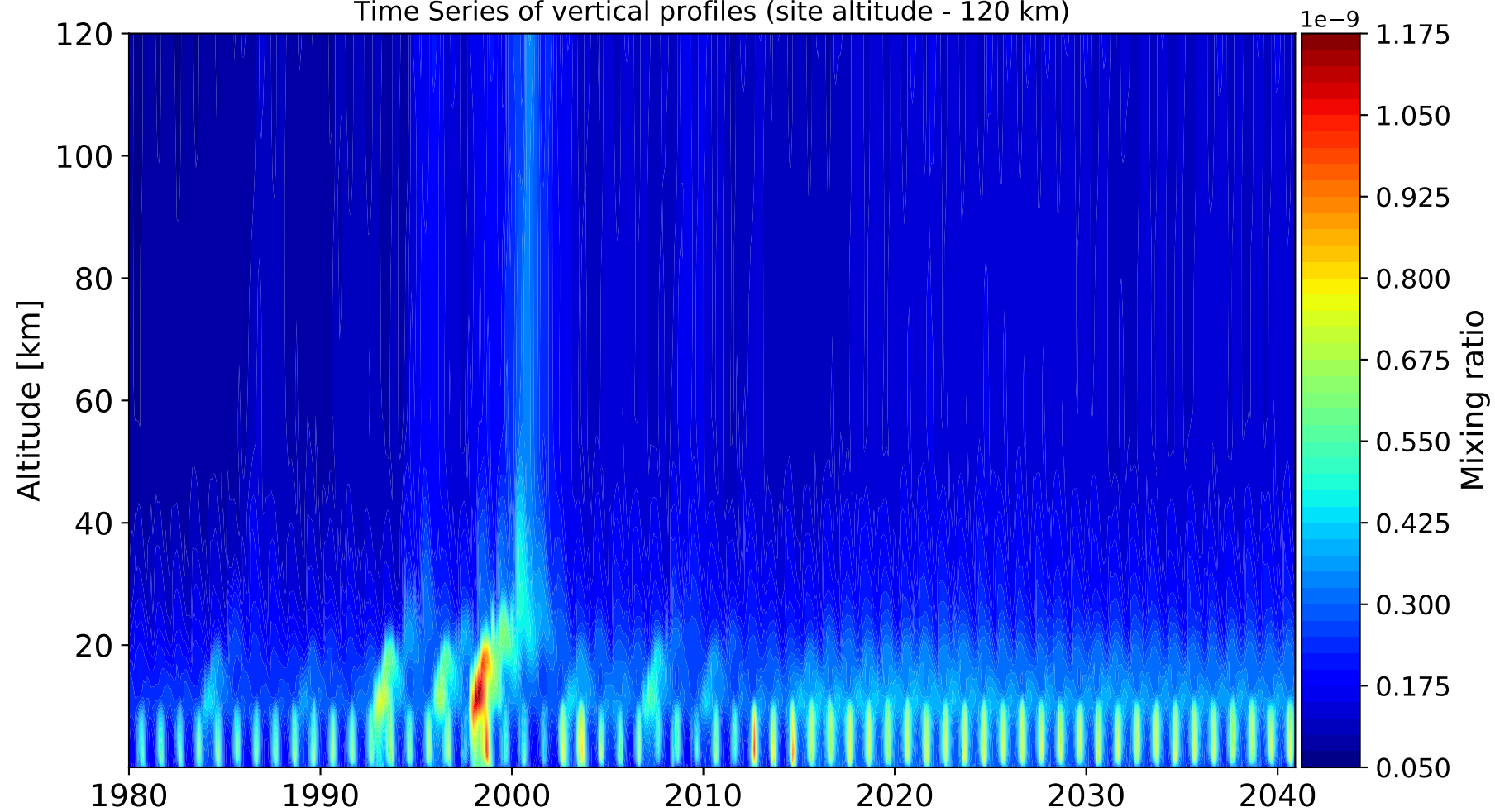
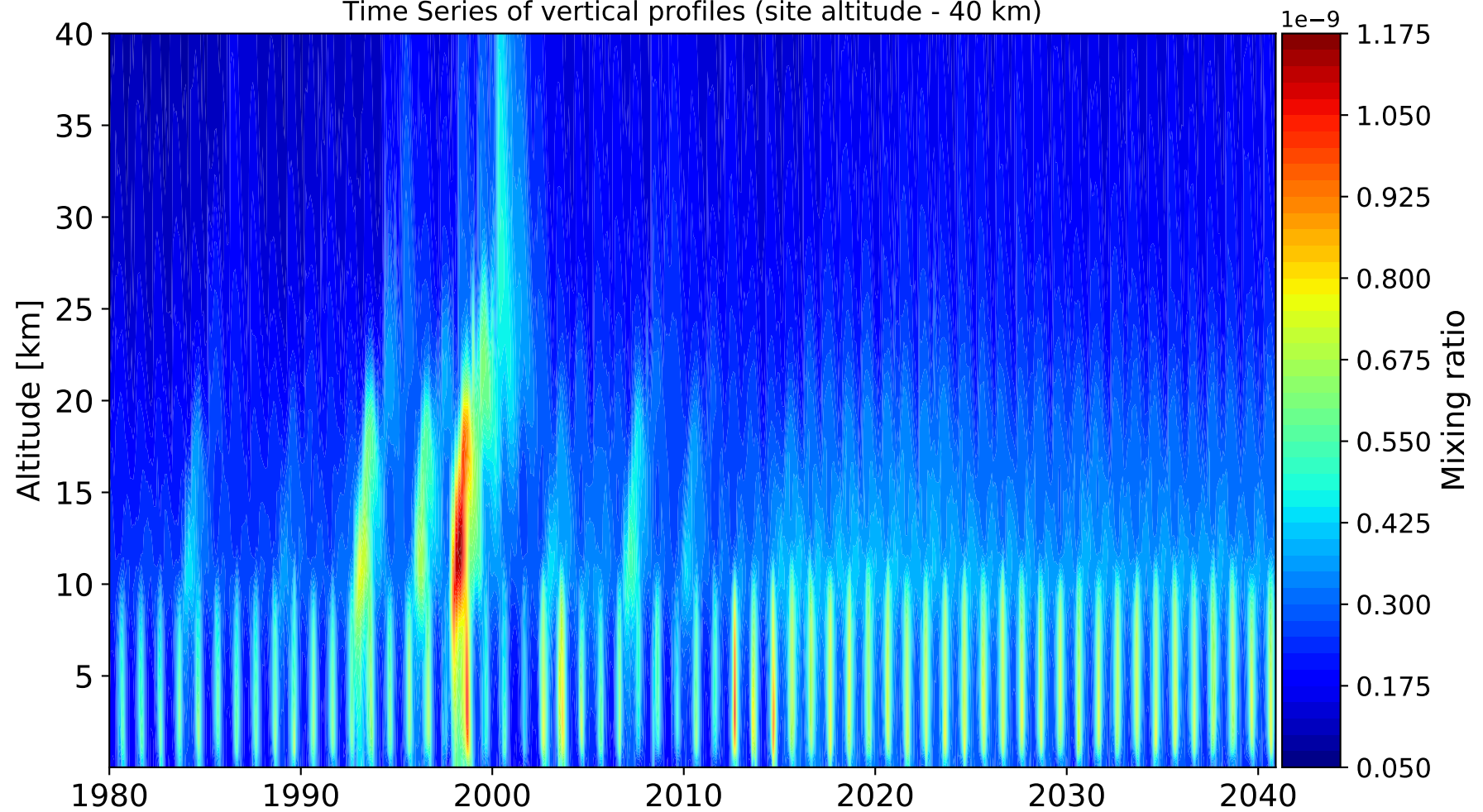


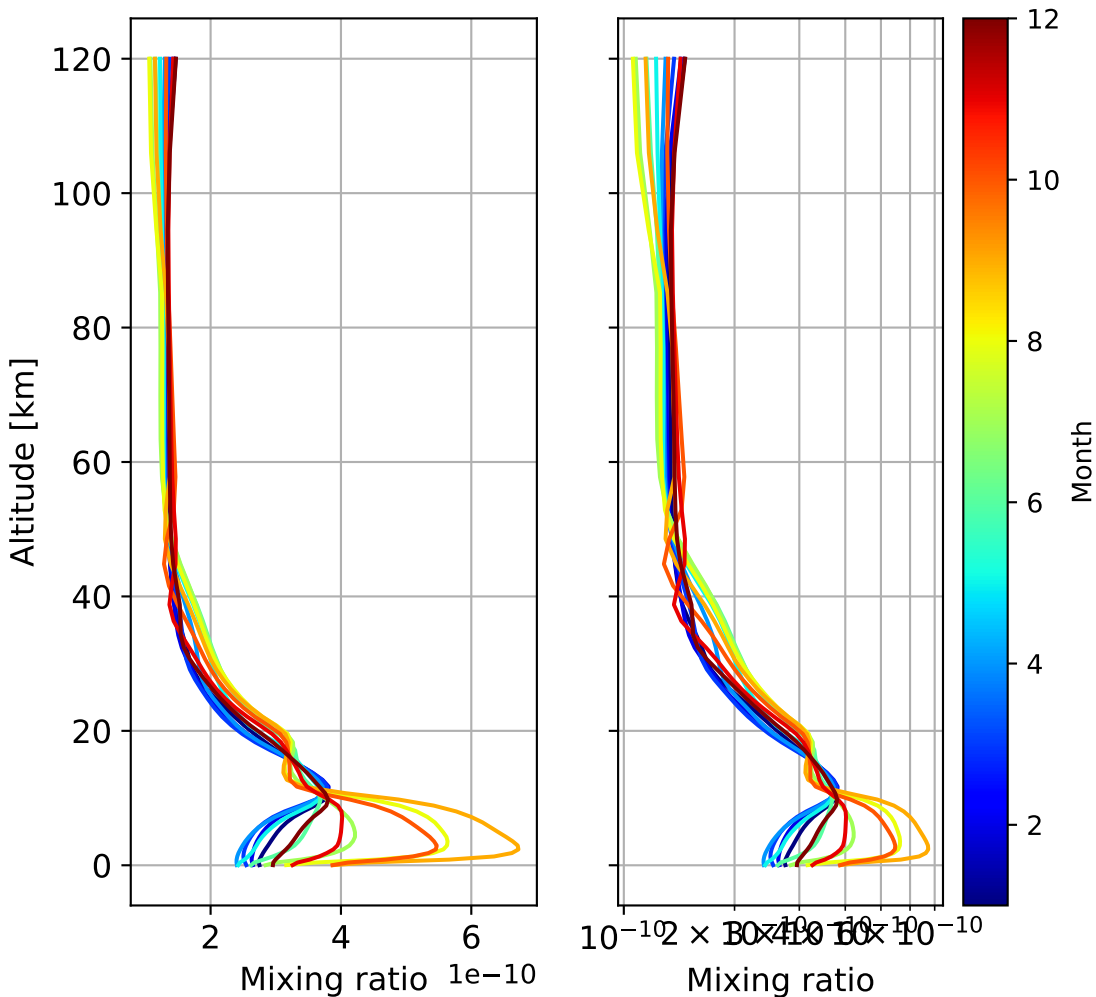
Time Series of vertical profiles (site altitude - 120 km)



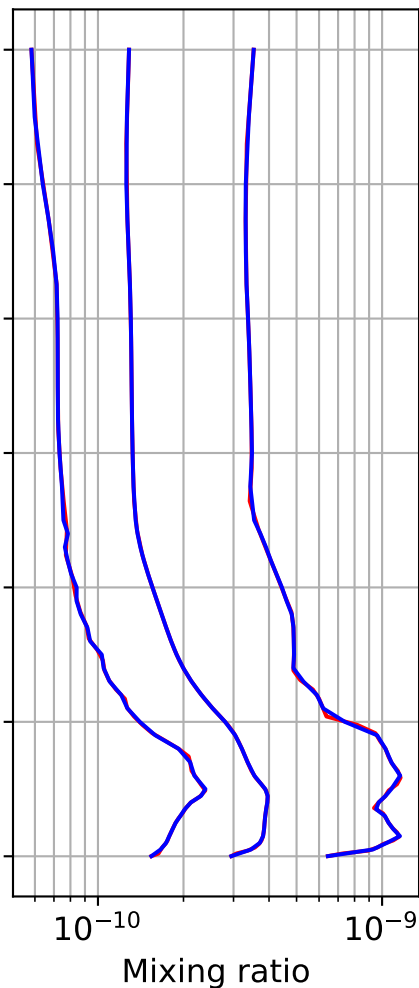
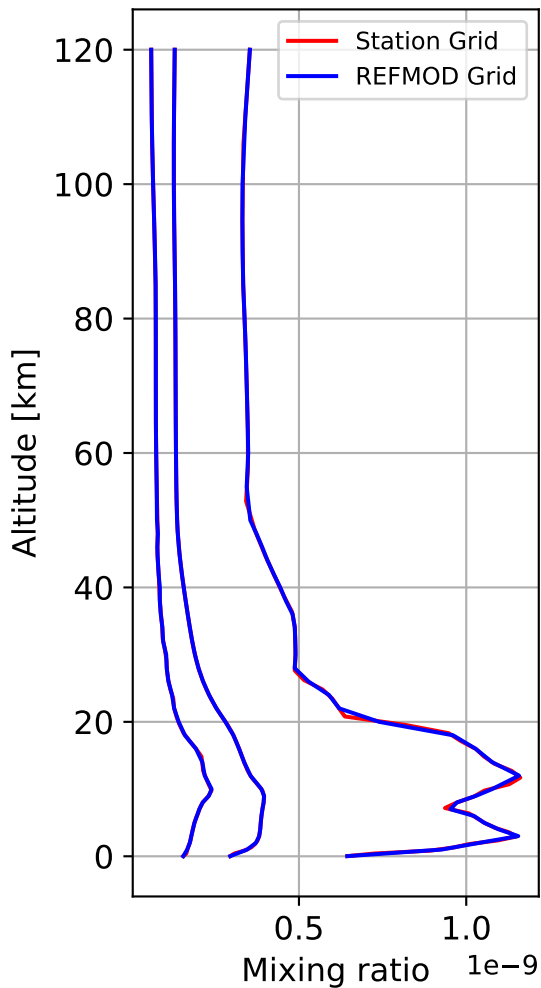
Time Series of vertical profiles (site altitude - 40 km)



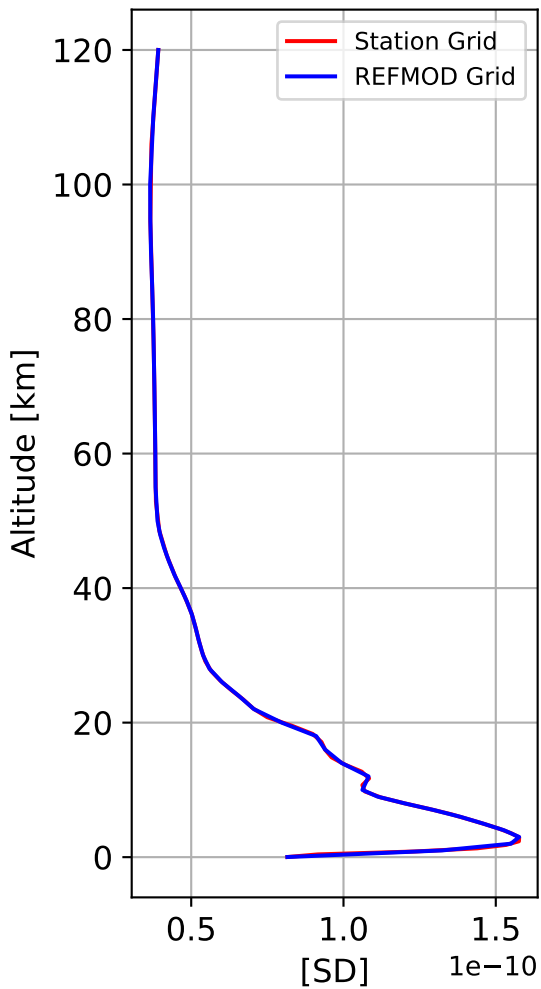
Monthly mean WACCM profile (interpolated to station grid)
Ny_Alesund, 78.9N, 11.9E, 0.02kmasl



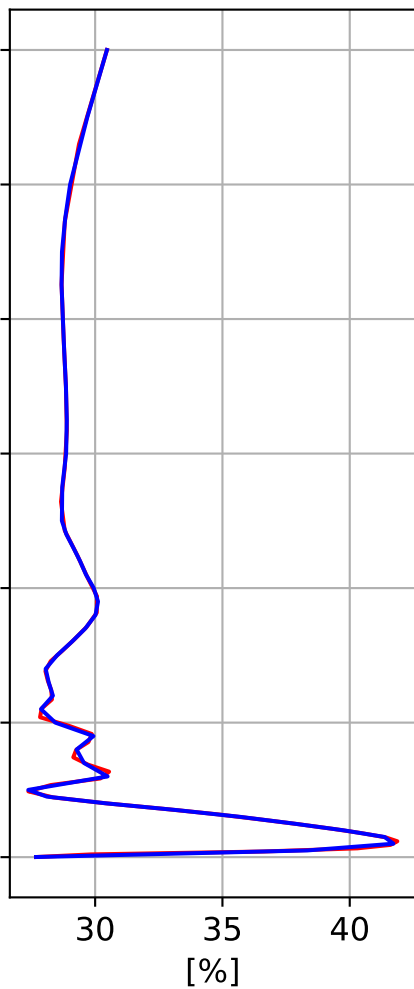
Min, Max, Mean of 732 profiles
Ny_Alesund, 78.9N, 11.9E, 0.02kmasl



Std. Deviation



Percent Deviation



Level covariance matrix

1e-20

Altitude [km]

120

100

80

60

40

20

20

Altitude [km]

40

60

80

100

120

Mixing ratio[~ 2]

2.4

2.1

1.8

1.5

1.2

0.9

0.6

0.3

0.0

