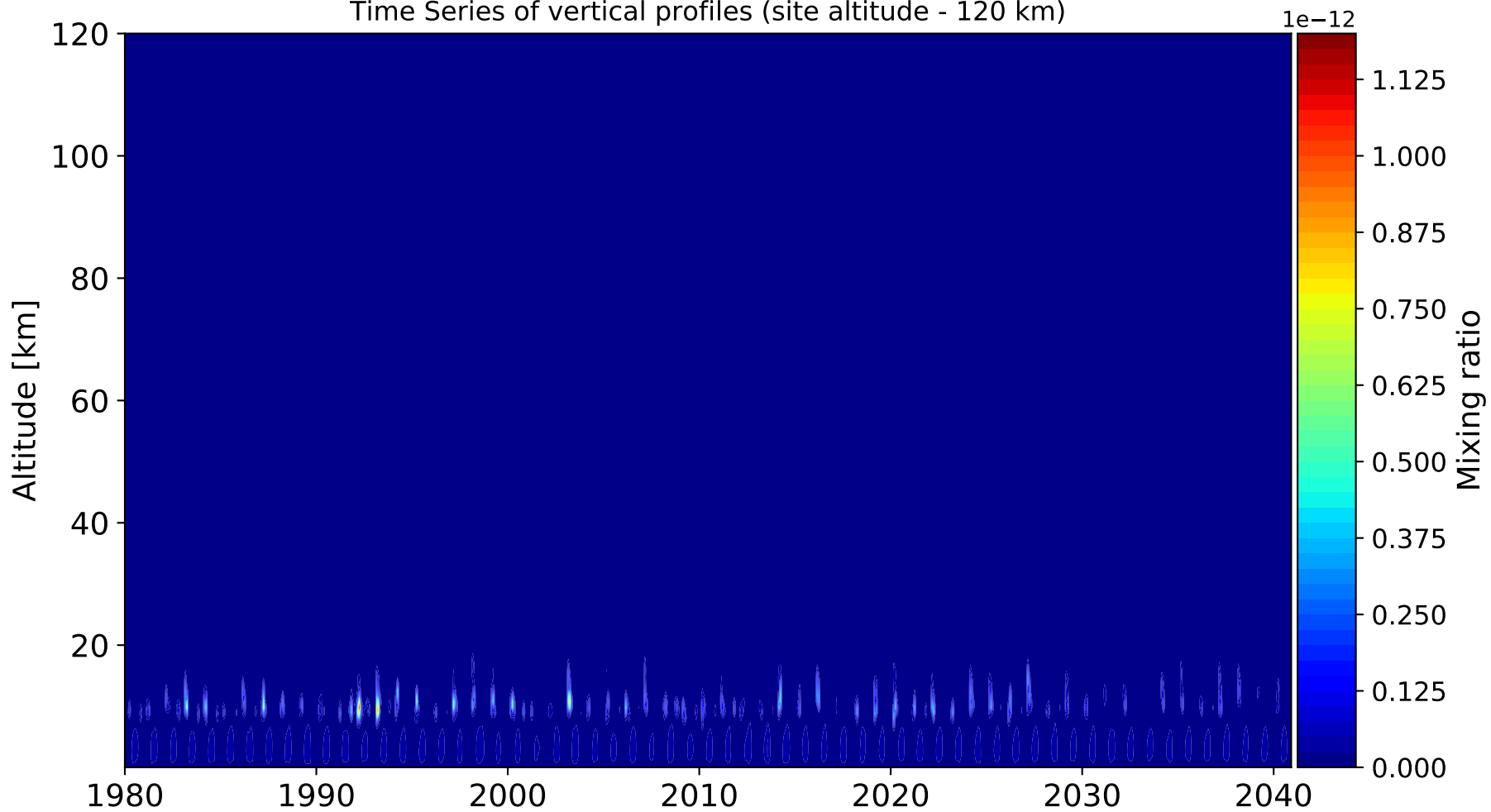
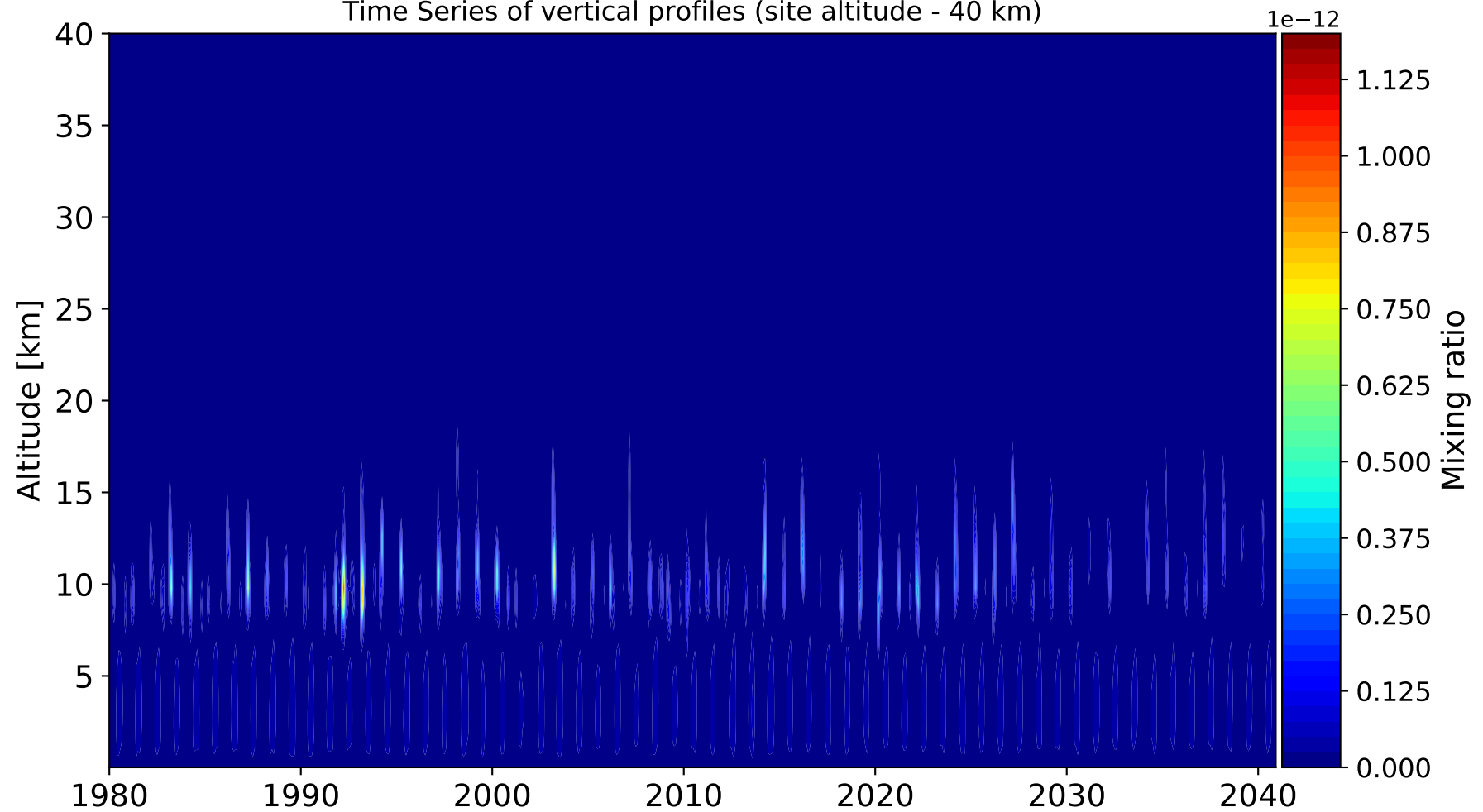


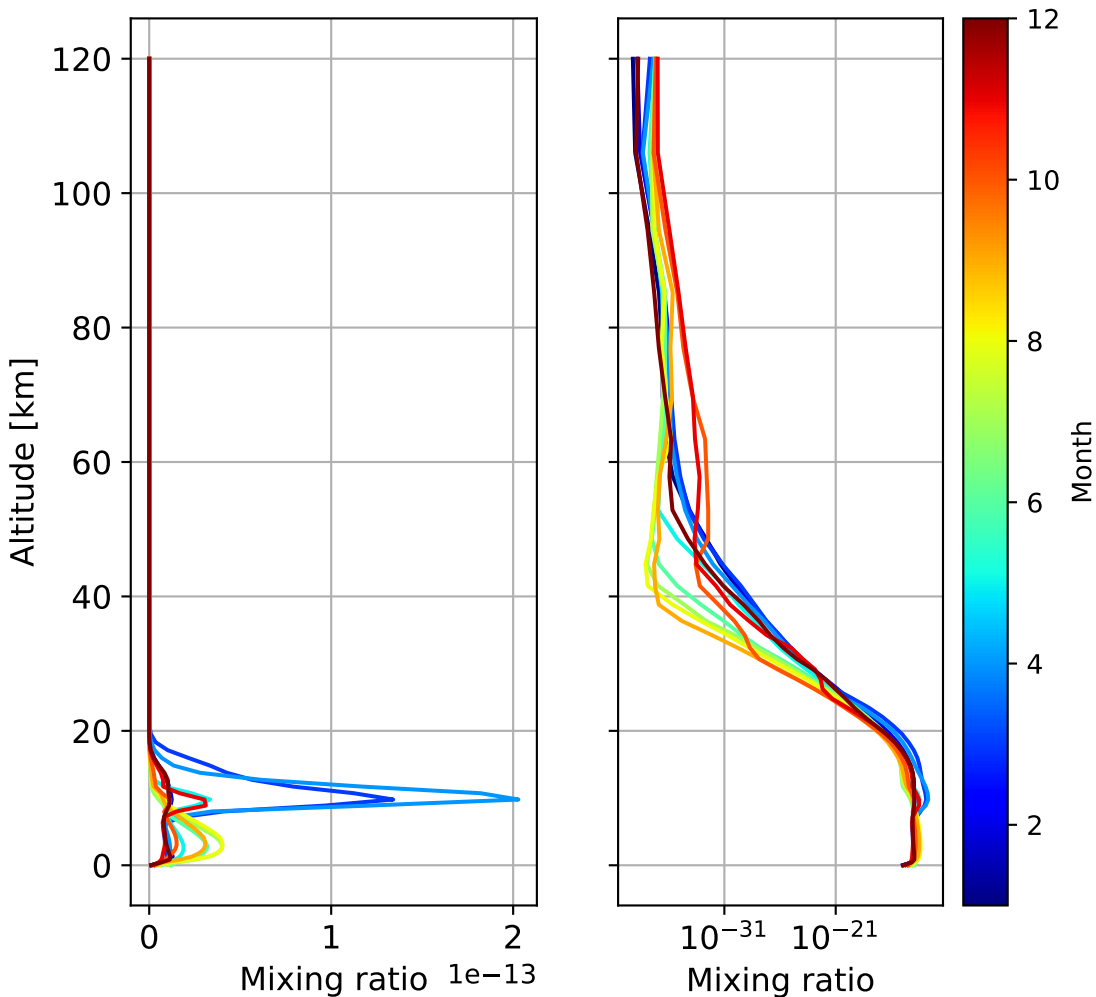
Time Series of vertical profiles (site altitude - 120 km)



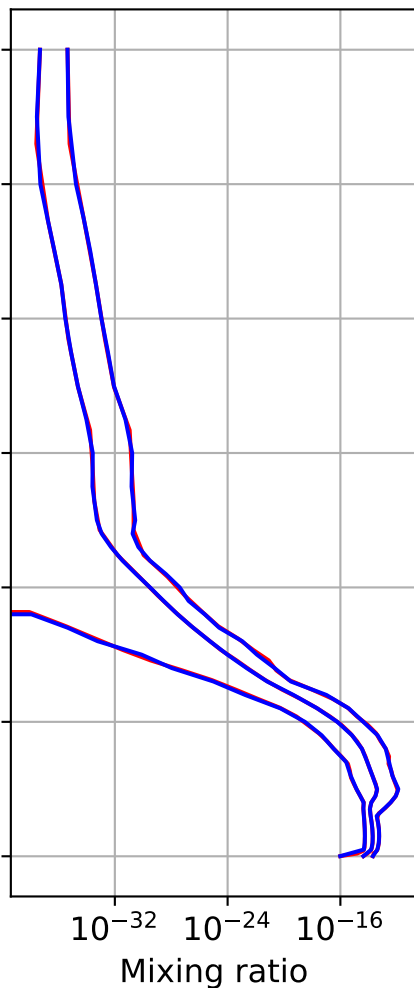
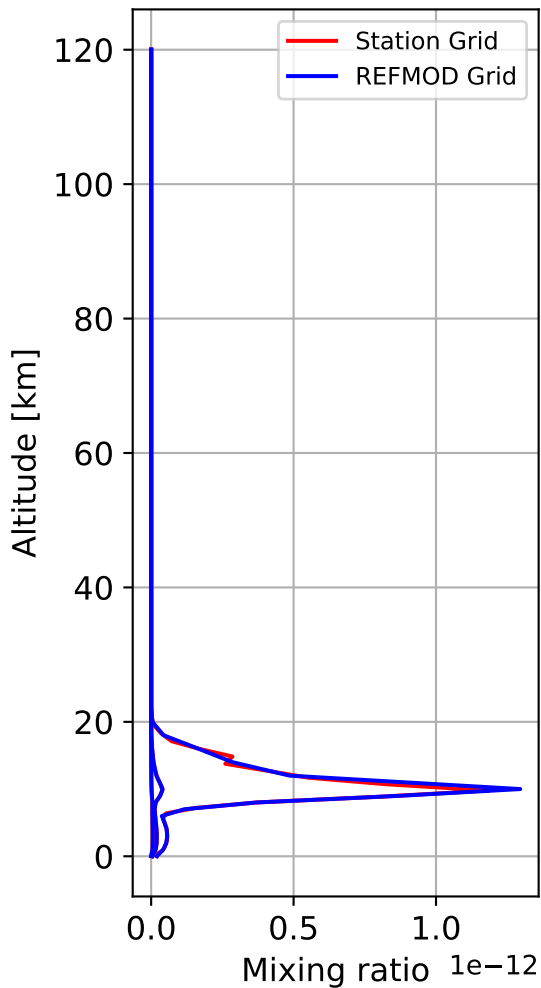
Time Series of vertical profiles (site altitude - 40 km)



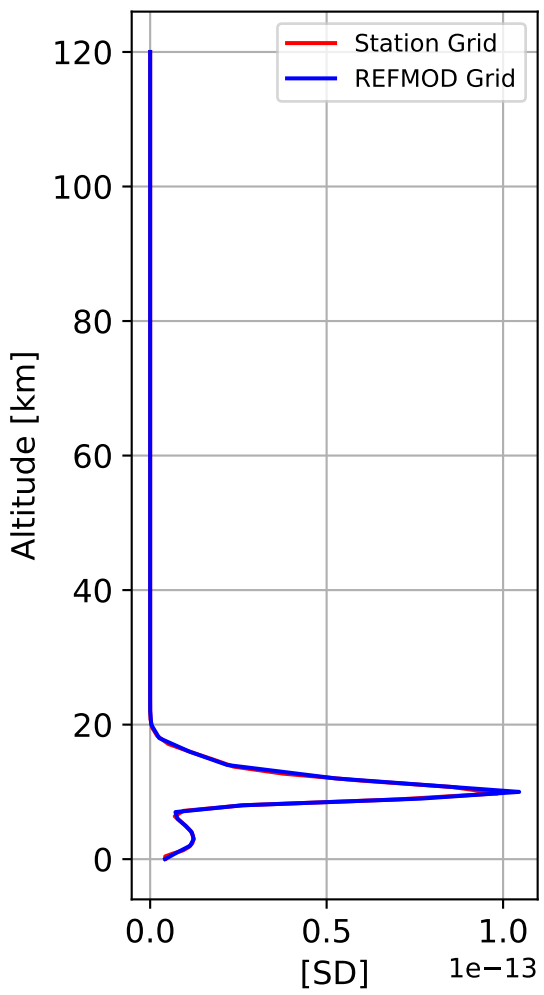
Monthly mean WACCM profile (interpolated to station grid) Ny_Alesund, 78.9N, 11.9E, 0.02kmasl



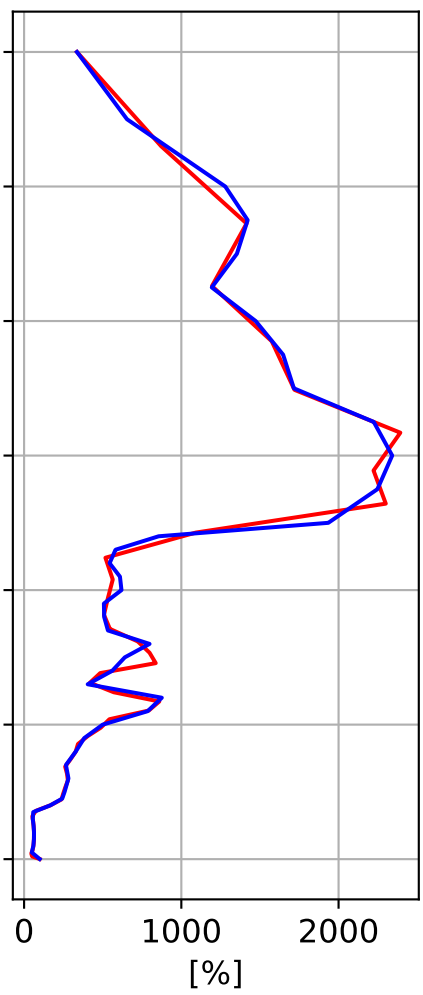
Min, Max, Mean of 732 profiles
Ny_Alesund, 78.9N, 11.9E, 0.02kmasl



Std. Deviation



Percent Deviation



Level covariance matrix

1e-27

Altitude [km]

120

100

80

60

40

20

20

Altitude [km]

9.6

8.4

7.2

6.0

4.8

3.6

2.4

1.2

0.0

Mixing ratio[~ 2]