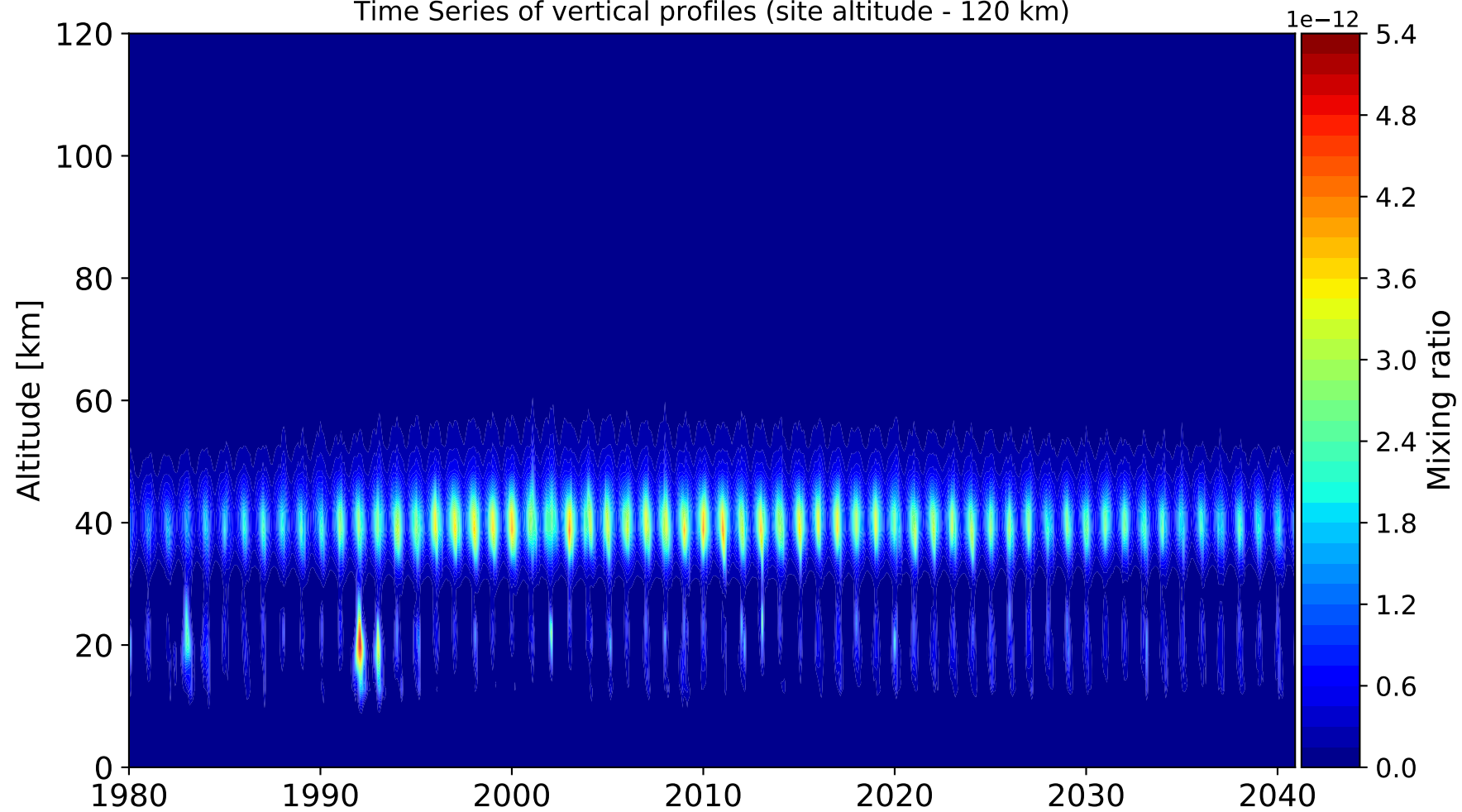
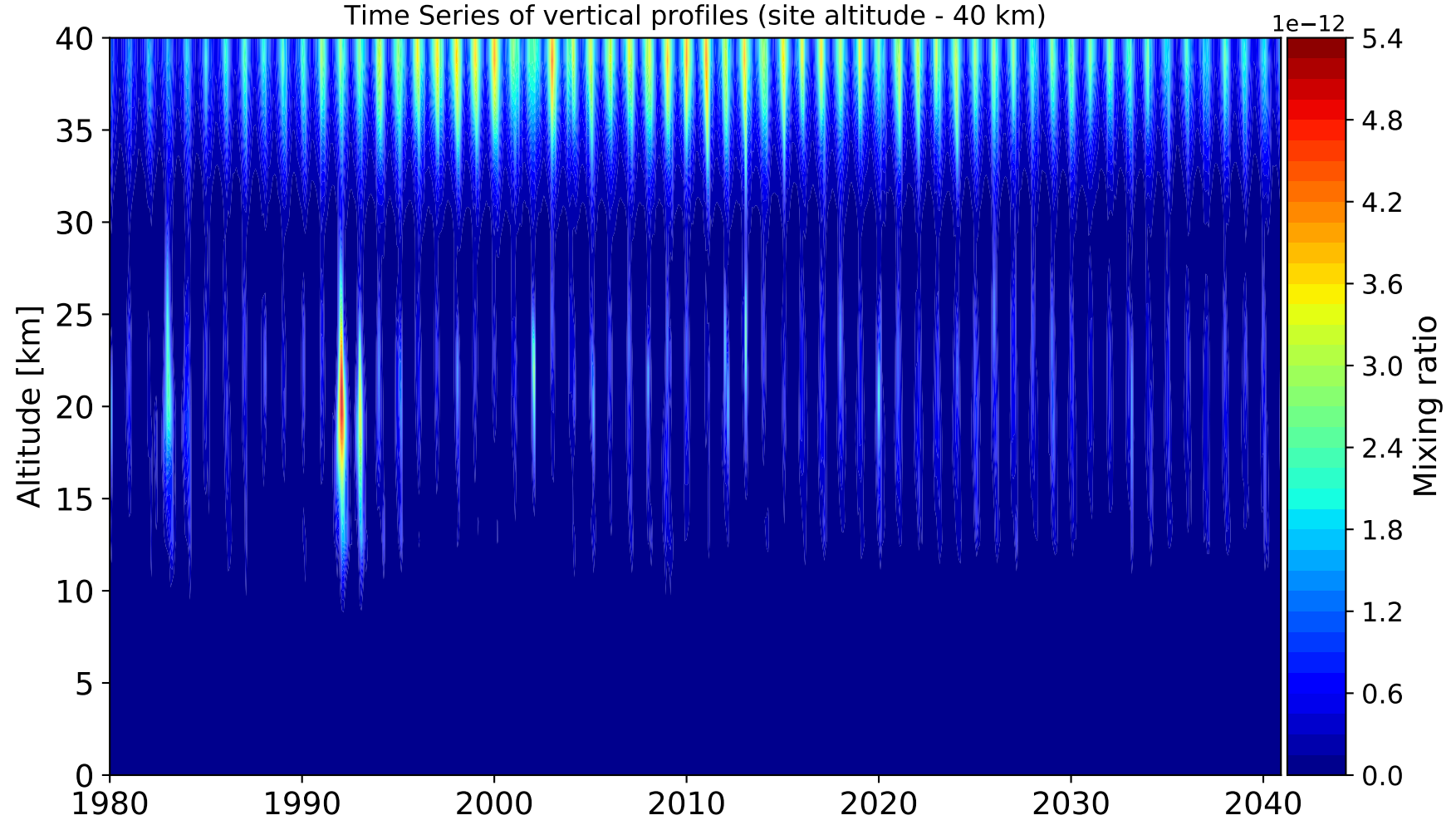


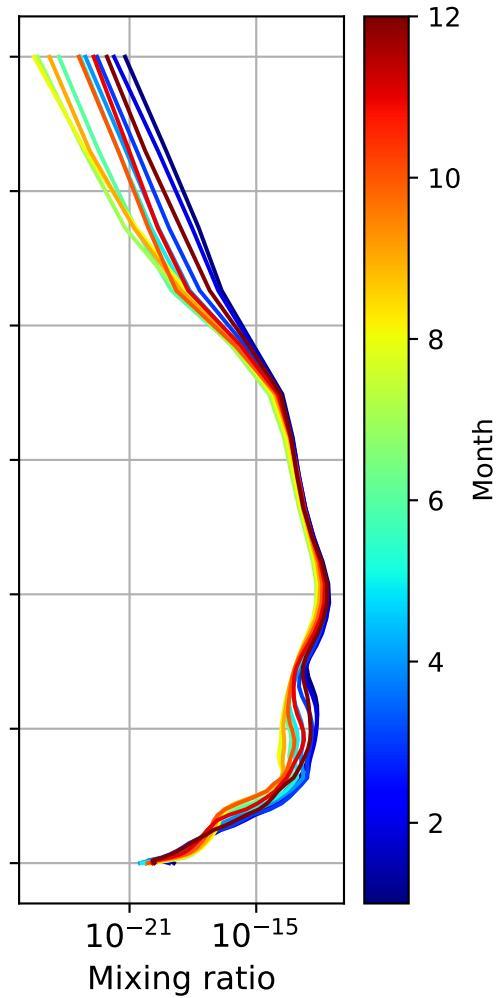
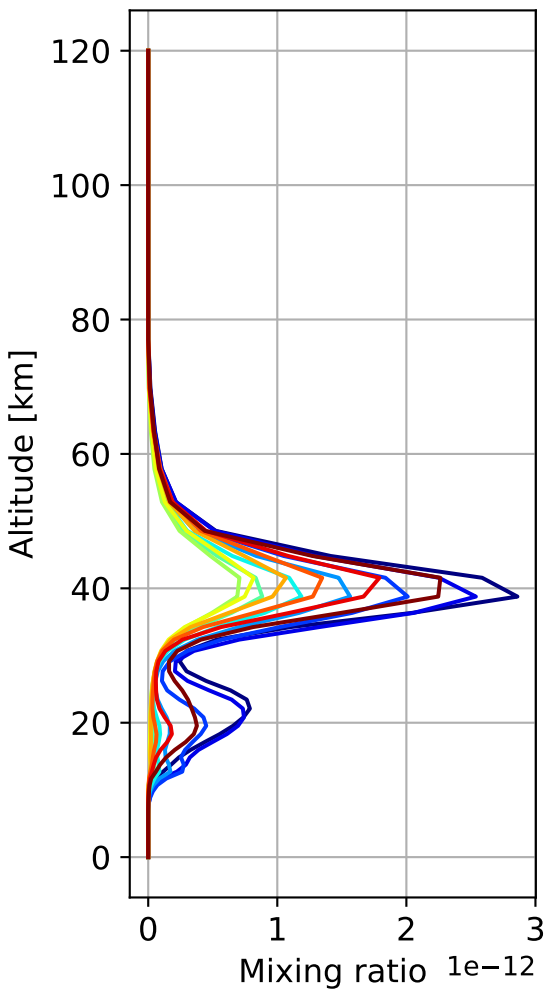
Time Series of vertical profiles (site altitude - 120 km)



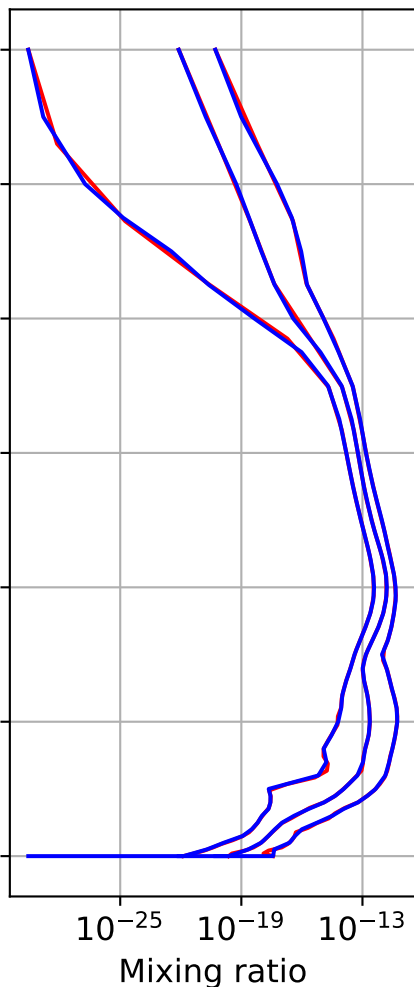
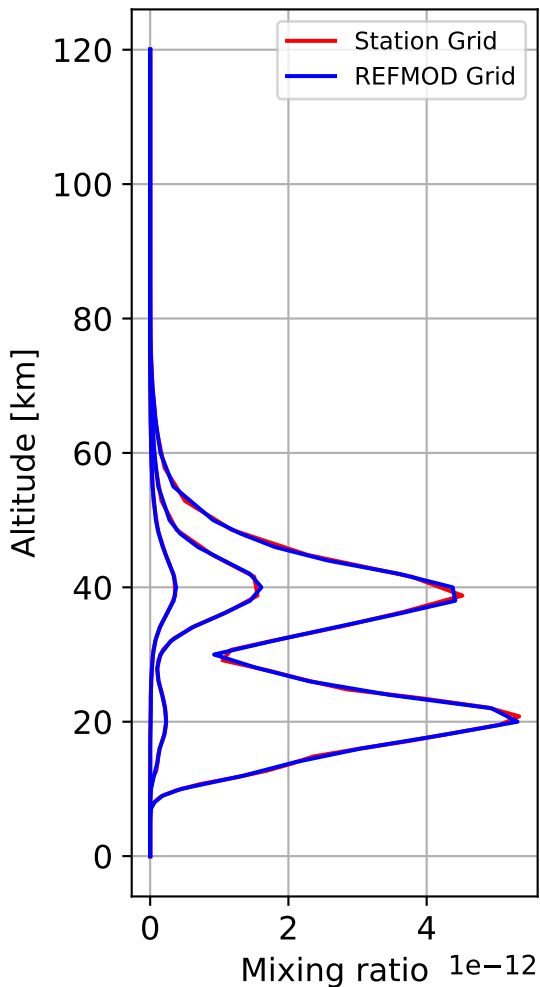
Time Series of vertical profiles (site altitude - 40 km)



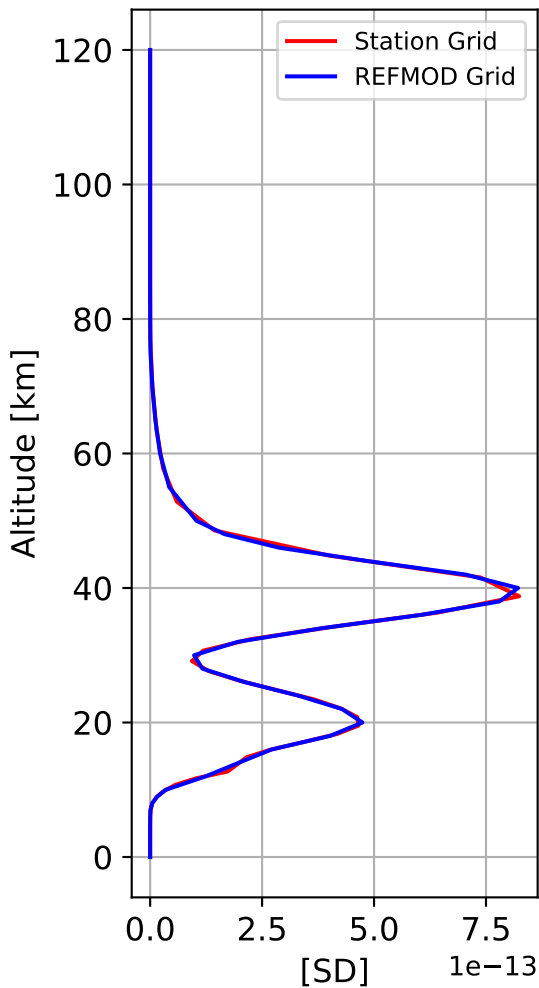
# Monthly mean WACCM profile (interpolated to station grid) Cabauw, 51.97N, 4.93E, -0.0017kmasl



Min, Max, Mean of 732 profiles  
Cabauw, 51.97N, 4.93E, -0.0017kmasl



### Std. Deviation



### Percent Deviation



Level covariance matrix

1e-25

Altitude [km]

120  
100  
80  
60  
40  
20  
0

0

20

40

60

80

100

120

Altitude [km]

6.75  
6.00  
5.25  
4.50  
3.75  
3.00  
2.25  
1.50  
0.75  
0.00

Mixing ratio[ $\sim 2$ ]

