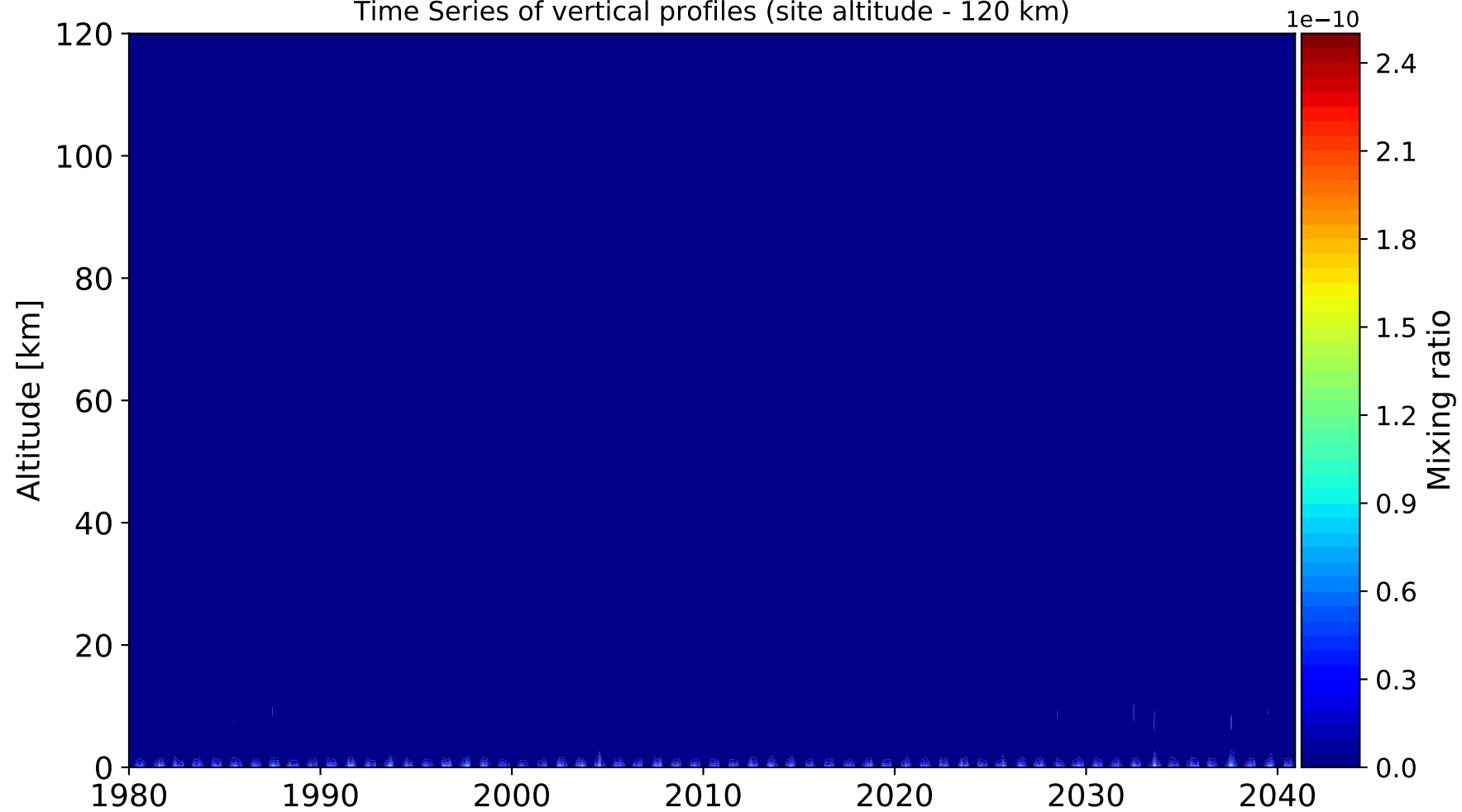
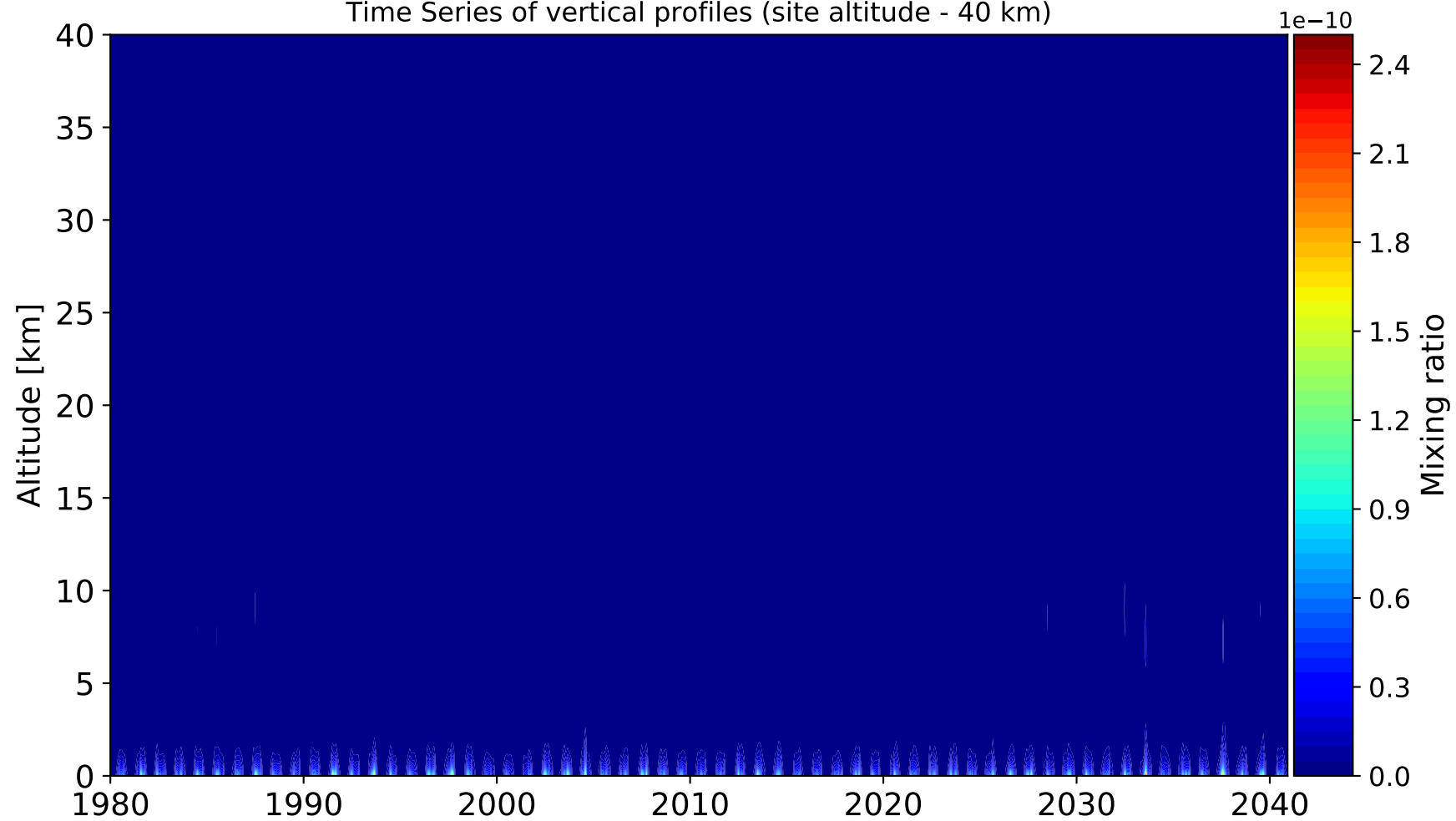


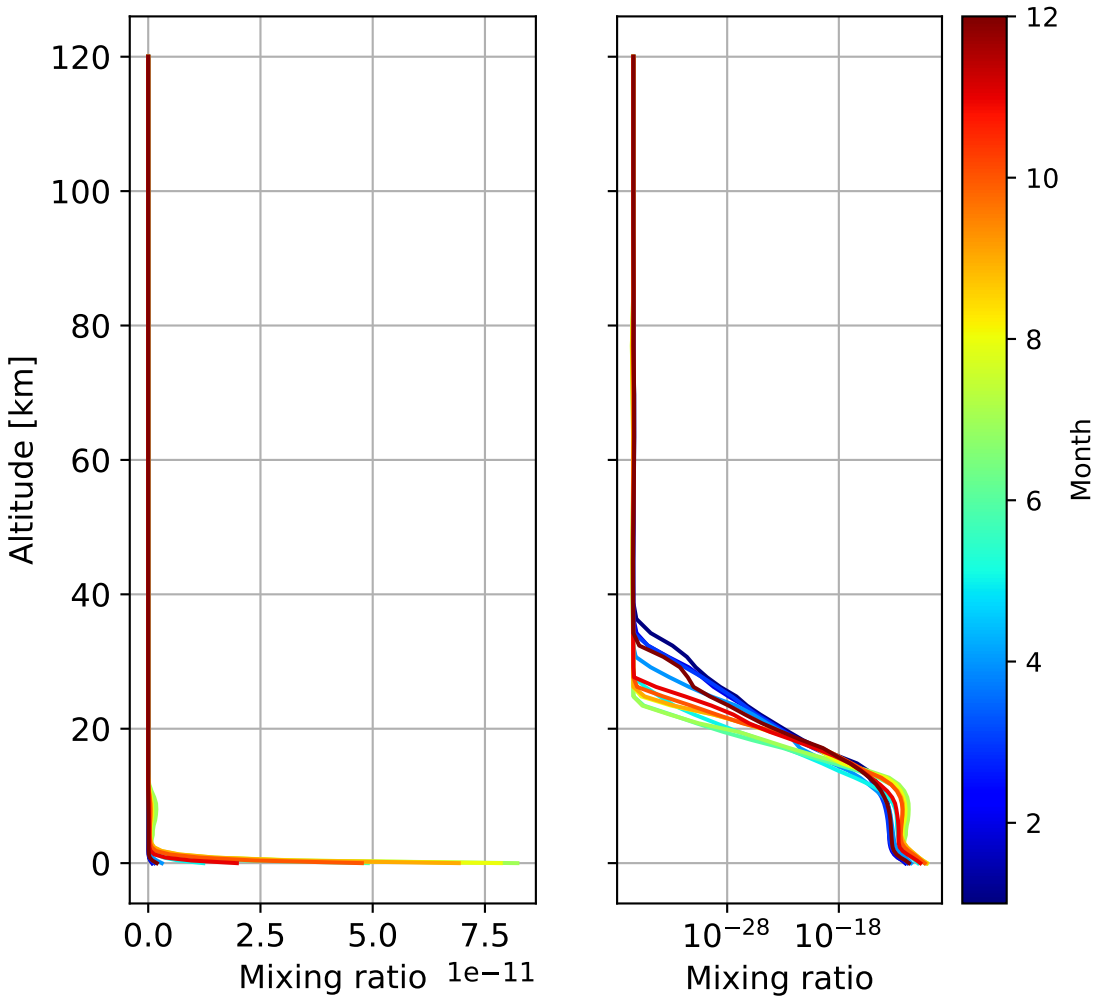
Time Series of vertical profiles (site altitude - 120 km)



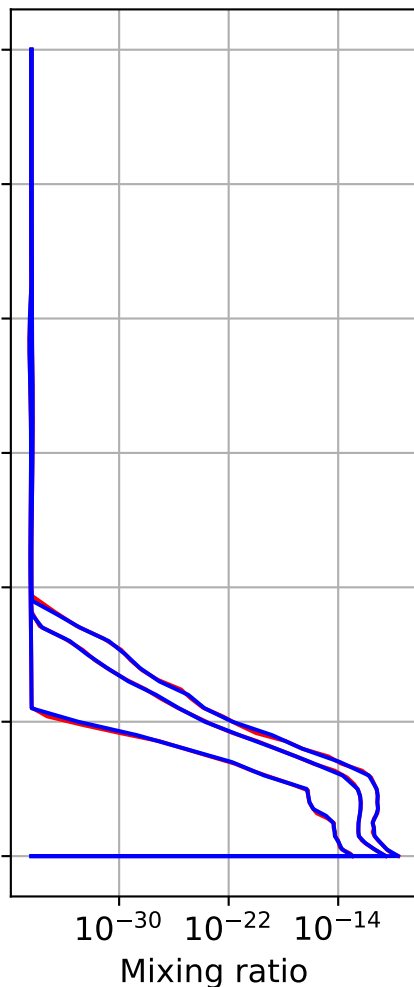
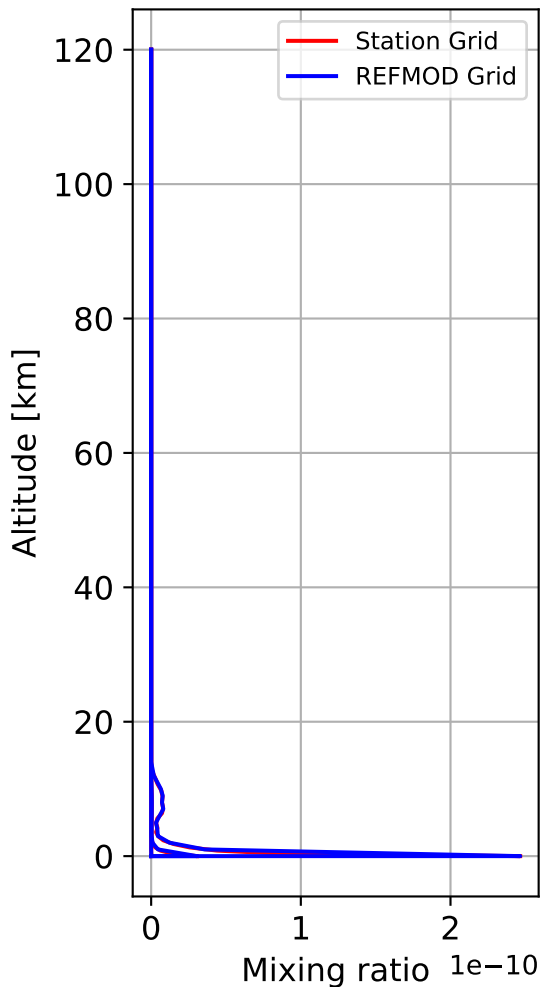
Time Series of vertical profiles (site altitude - 40 km)



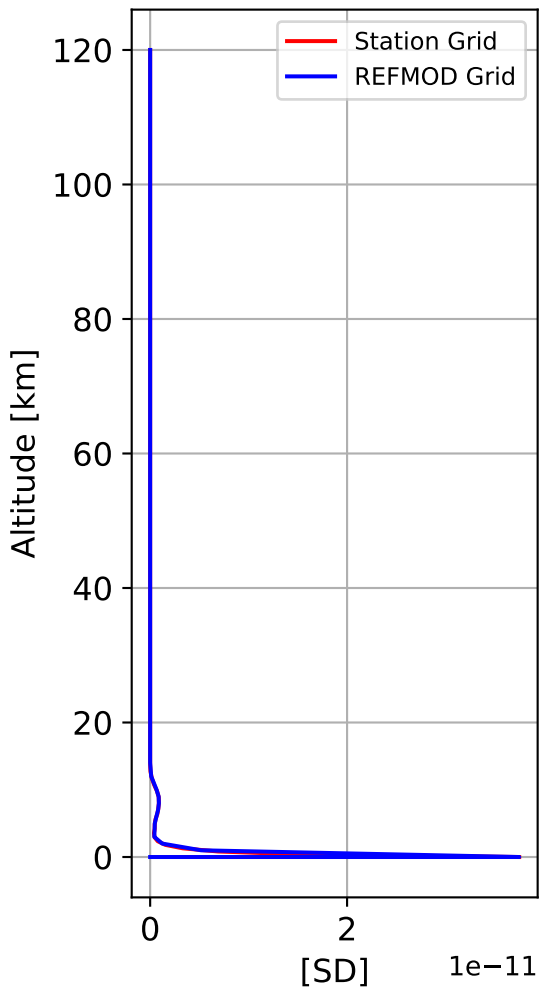
# Monthly mean WACCM profile (interpolated to station grid) Cabauw, 51.97N, 4.93E, -0.0017kmasl



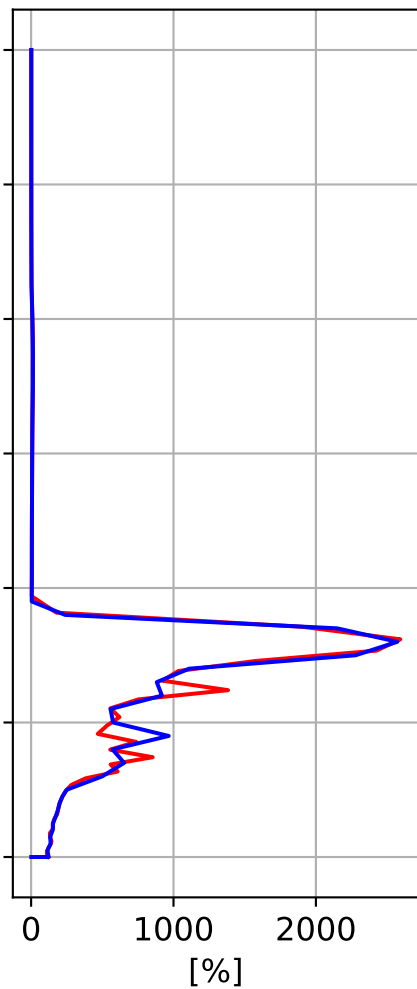
Min, Max, Mean of 732 profiles  
Cabauw, 51.97N, 4.93E, -0.0017kmasl



### Std. Deviation



### Percent Deviation



# Level covariance matrix

$1e-21$

Altitude [km]

120  
100  
80  
60  
40  
20  
0

Altitude [km]

0 20 40 60 80 100 120

Mixing ratio[ $\wedge 2$ ]

1.35  
1.20  
1.05  
0.90  
0.75  
0.60  
0.45  
0.30  
0.15  
0.00

