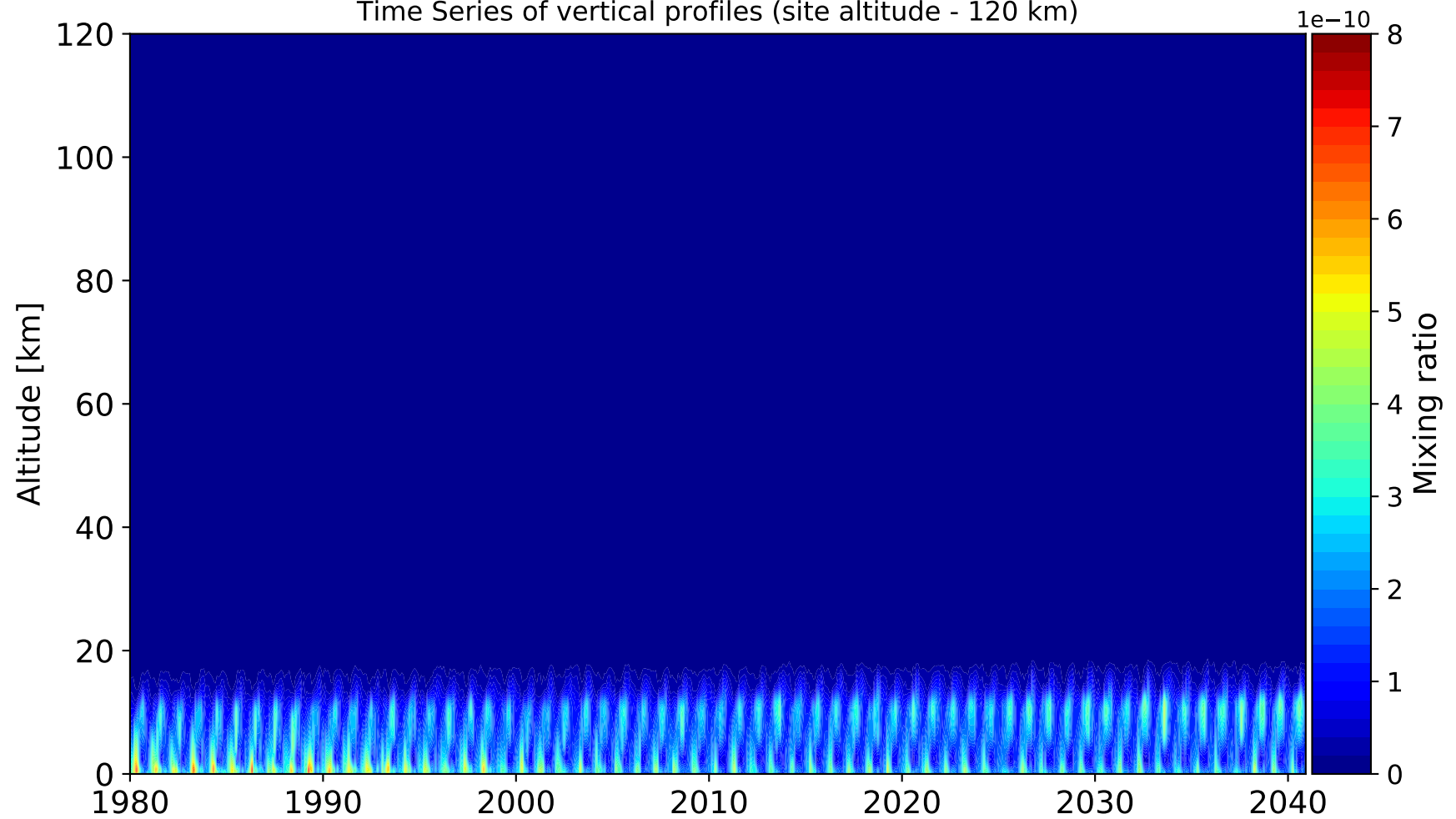
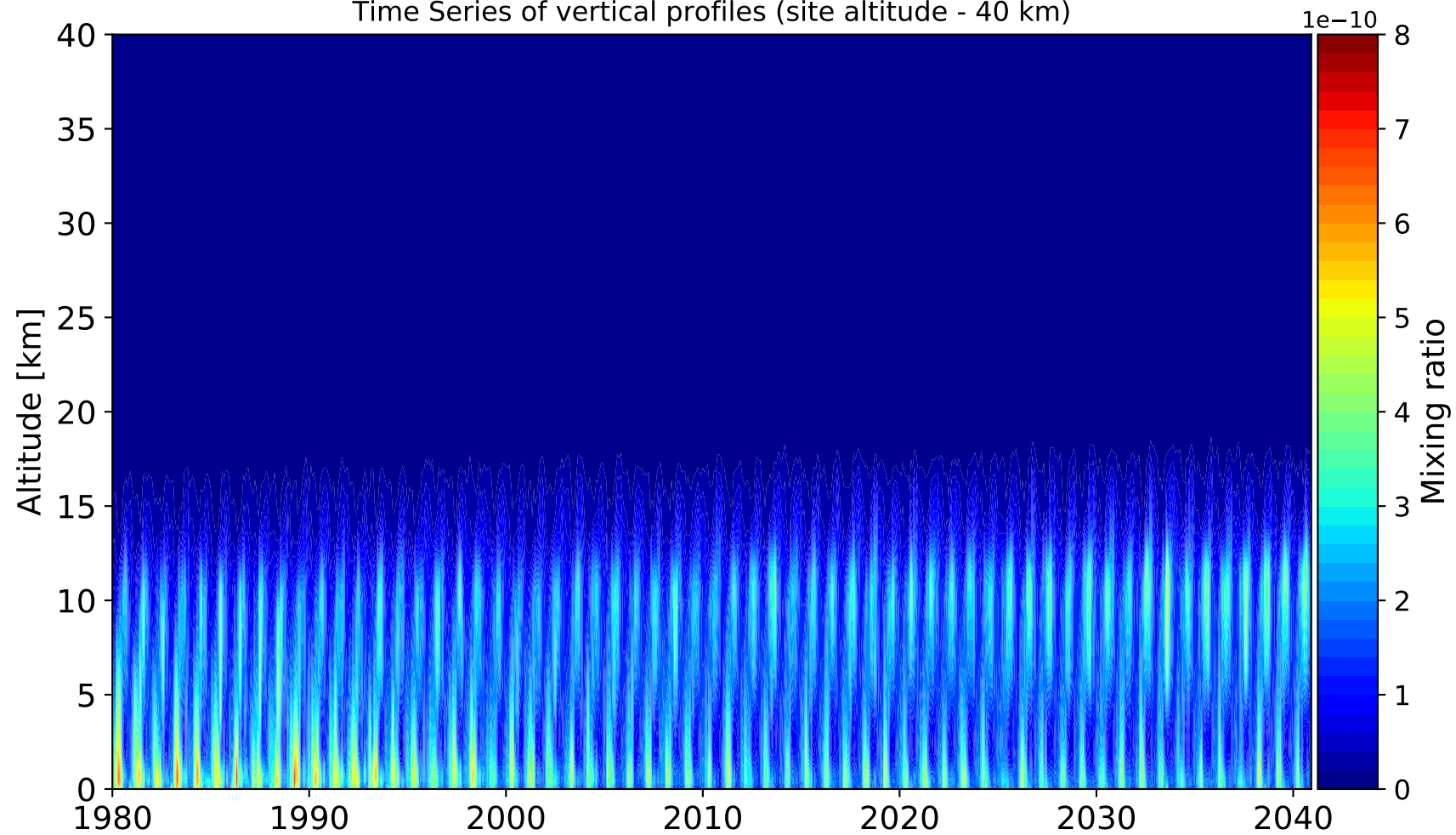


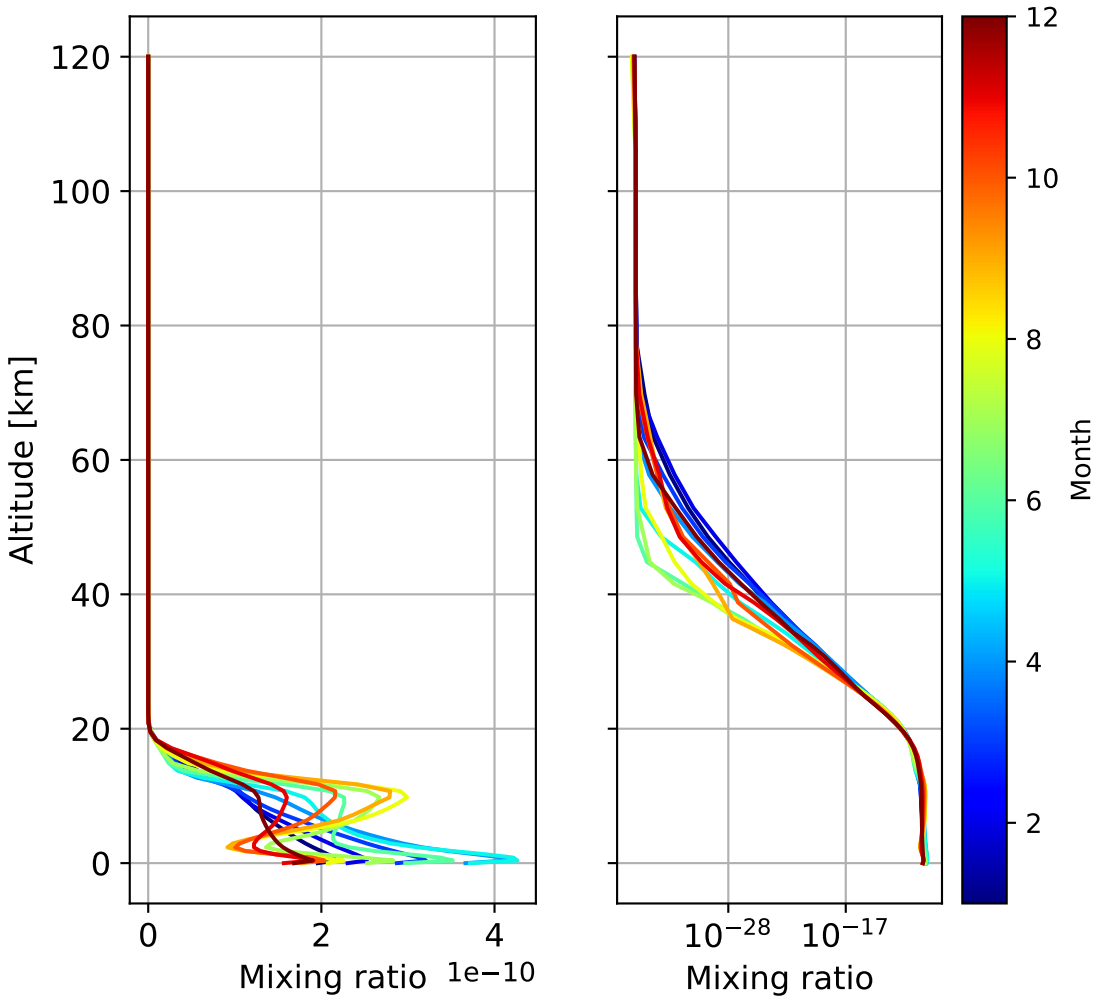
Time Series of vertical profiles (site altitude - 120 km)



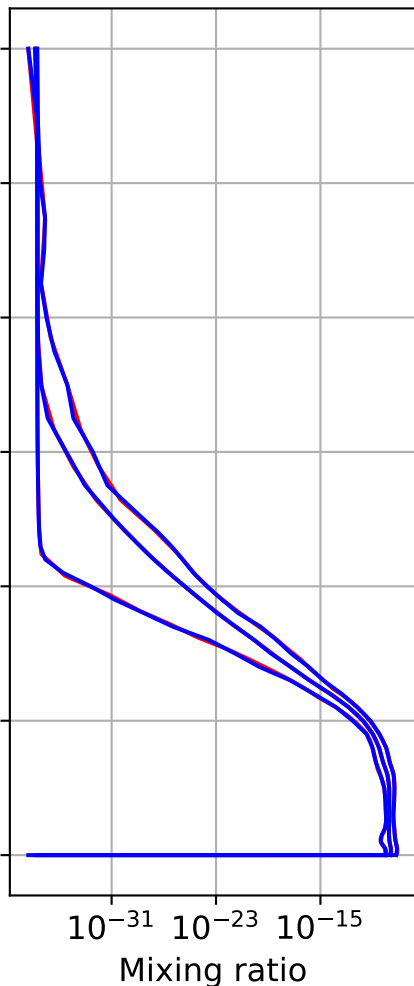
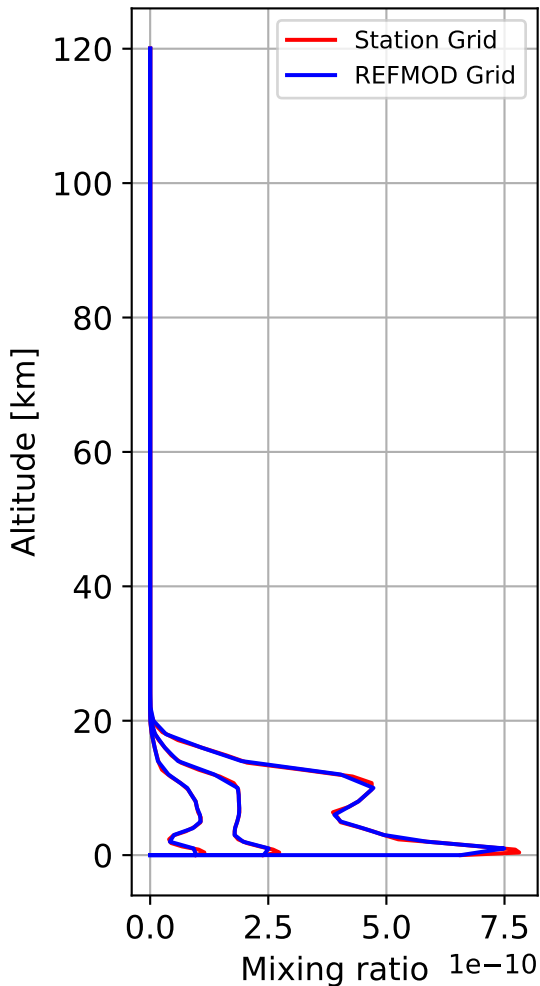
Time Series of vertical profiles (site altitude - 40 km)



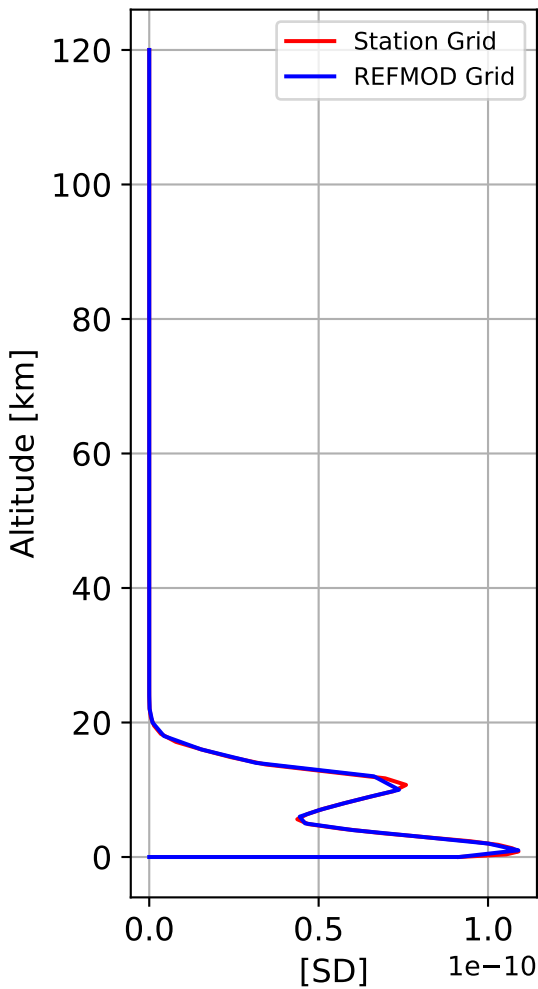
# Monthly mean WACCM profile (interpolated to station grid) Cabauw, 51.97N, 4.93E, -0.0017kmasl



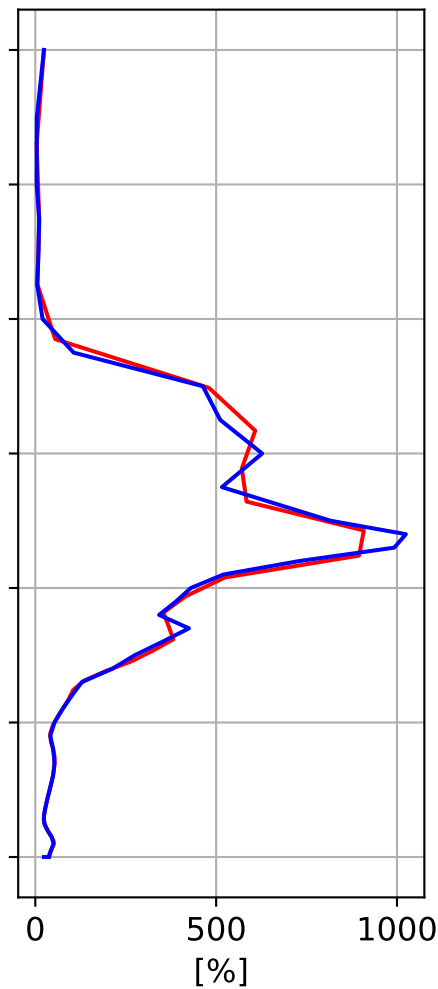
Min, Max, Mean of 732 profiles  
Cabauw, 51.97N, 4.93E, -0.0017kmasl



Std. Deviation



Percent Deviation



# Level covariance matrix

1e-20

Altitude [km]

120  
100  
80  
60  
40  
20  
0

Altitude [km]

Mixing ratio[ $\sim 2$ ]

1.2  
1.0  
0.8  
0.6  
0.4  
0.2  
0.0  
-0.2  
-0.4

