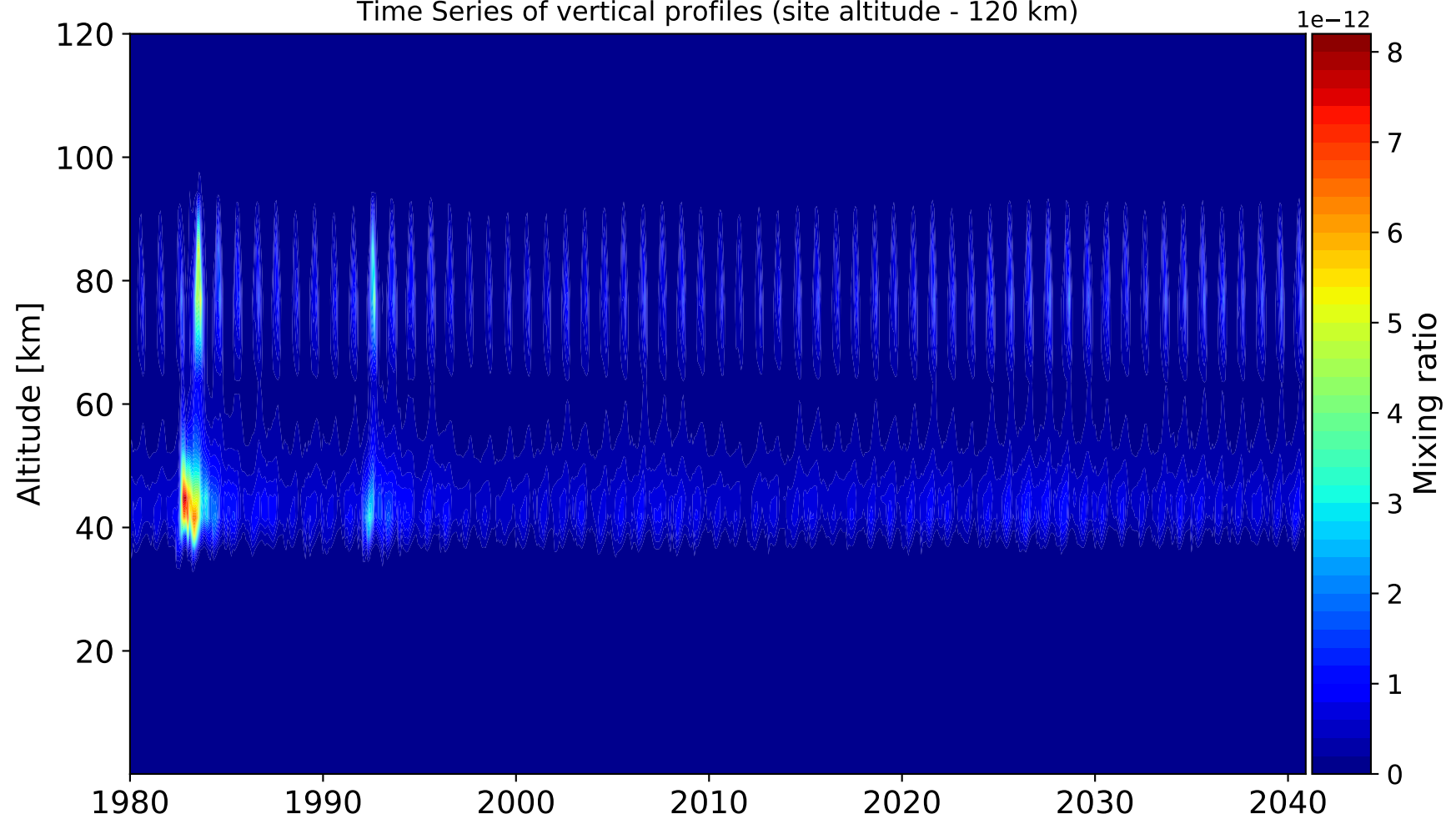
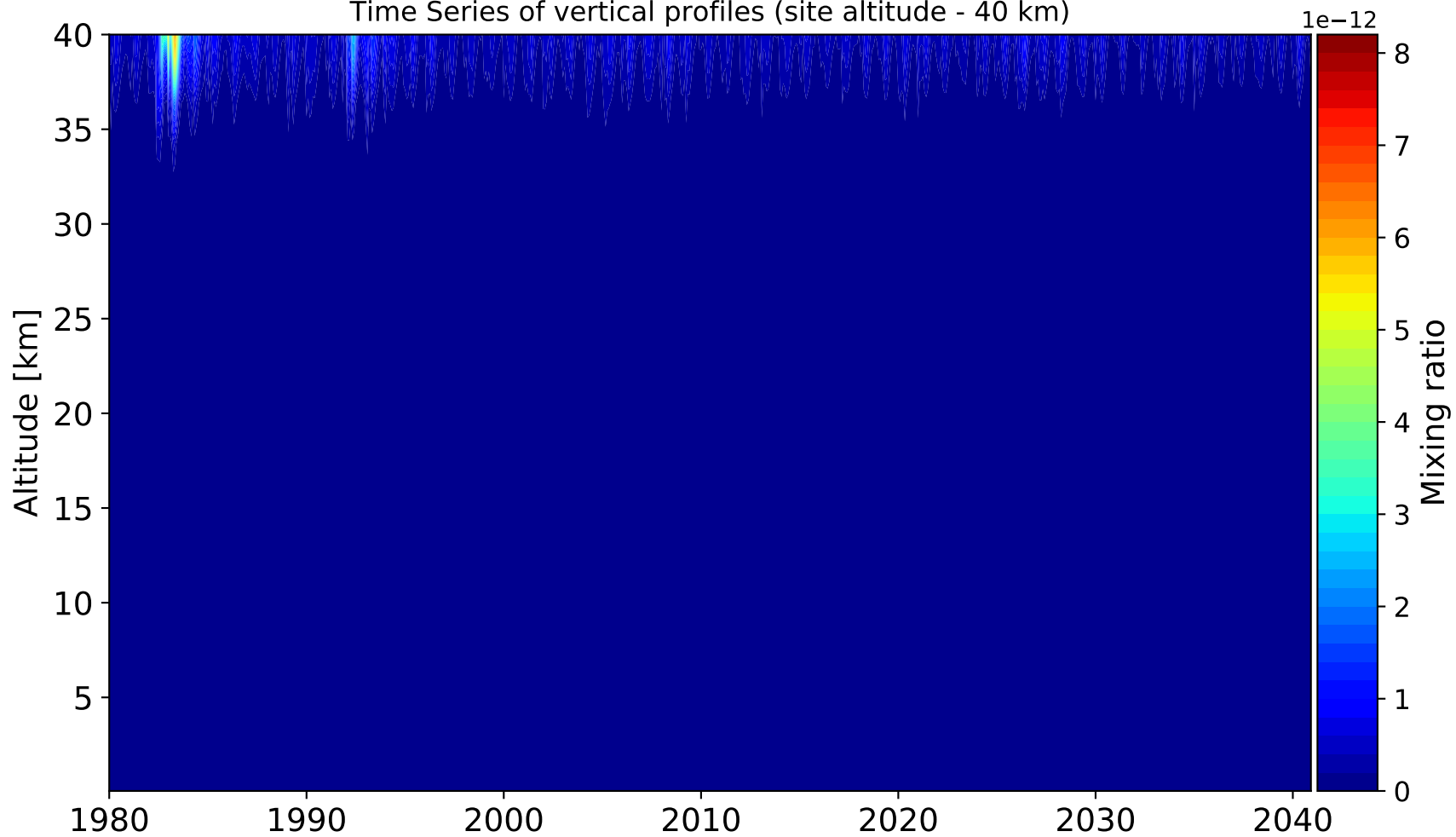


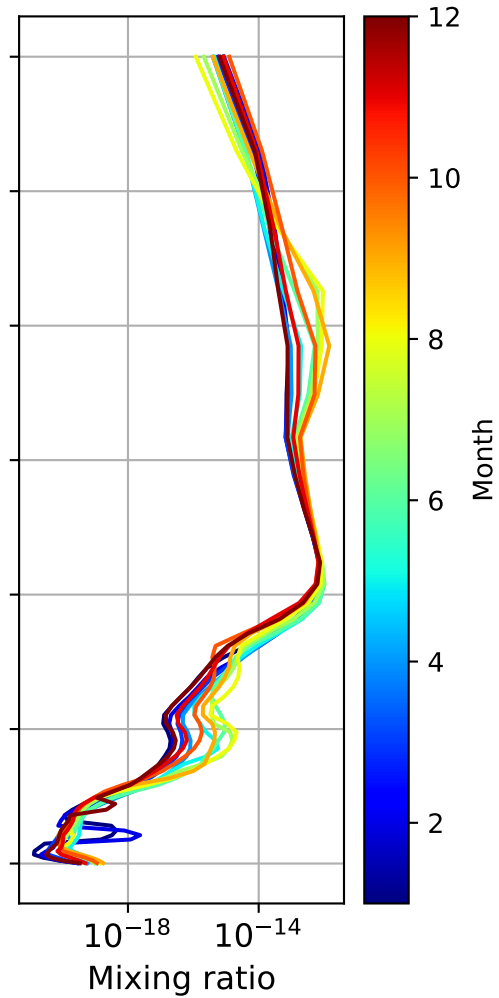
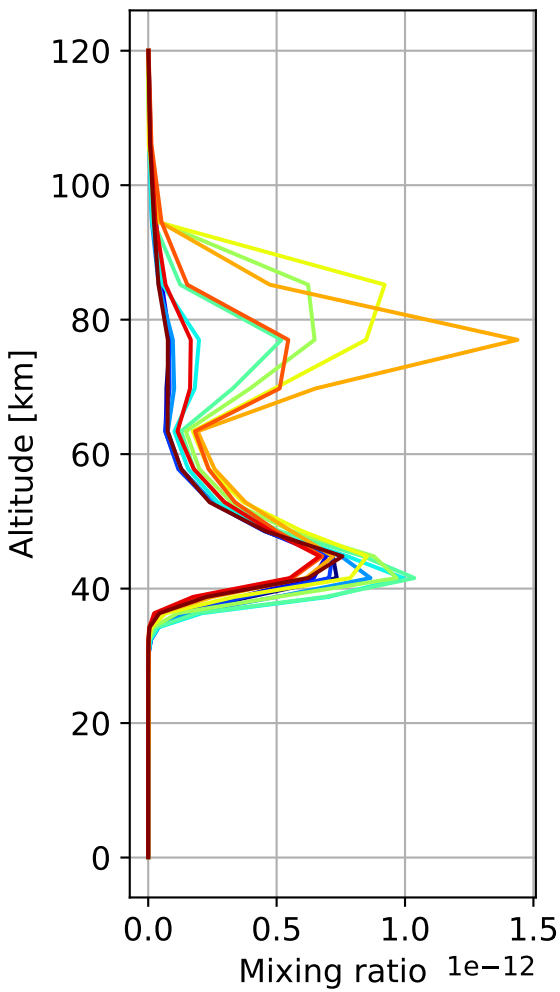
Time Series of vertical profiles (site altitude - 120 km)



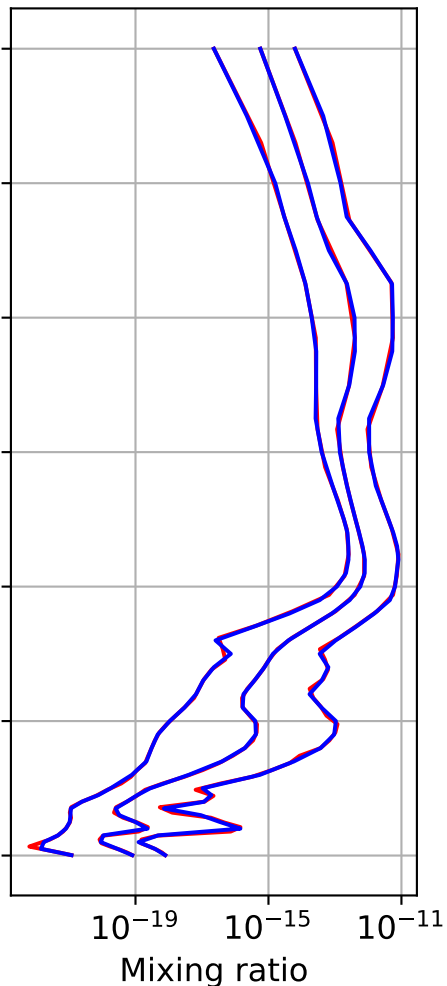
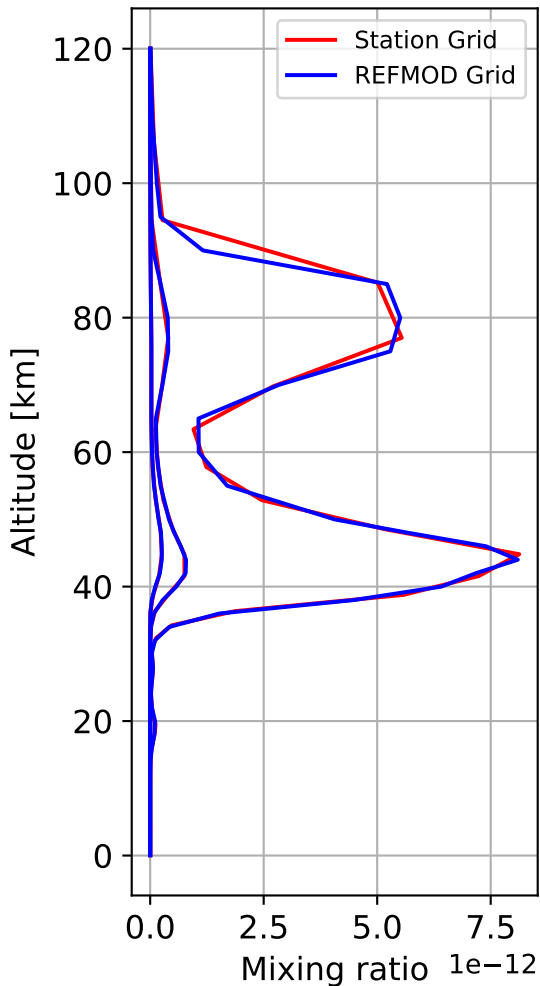
Time Series of vertical profiles (site altitude - 40 km)



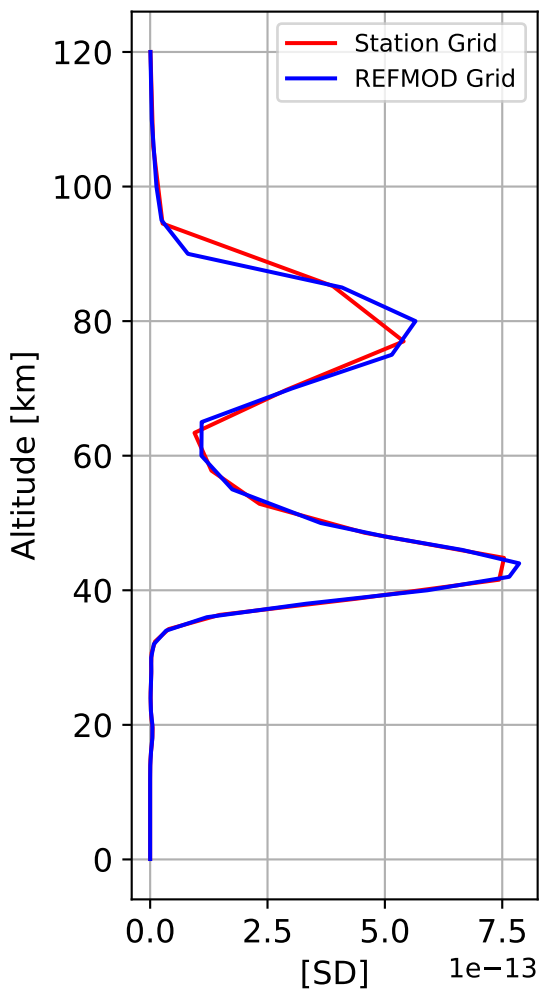
Monthly mean WACCM profile (interpolated to station grid)  
Paris, 48.97N, 2.37E, 0.06kmasl



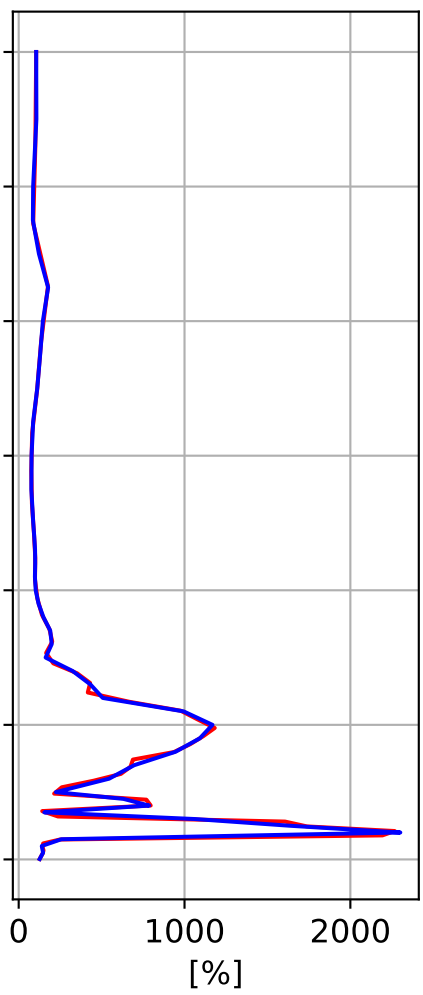
Min, Max, Mean of 732 profiles  
Paris, 48.97N, 2.37E, 0.06kmasl



### Std. Deviation



### Percent Deviation



Level covariance matrix

 $1e-25$ 

Altitude [km]

120  
100  
80  
60  
40  
20

20

Altitude [km]

40

60

80

100

120

5.4  
4.8  
4.2  
3.6  
3.0  
2.4  
1.8  
1.2  
0.6  
0.0