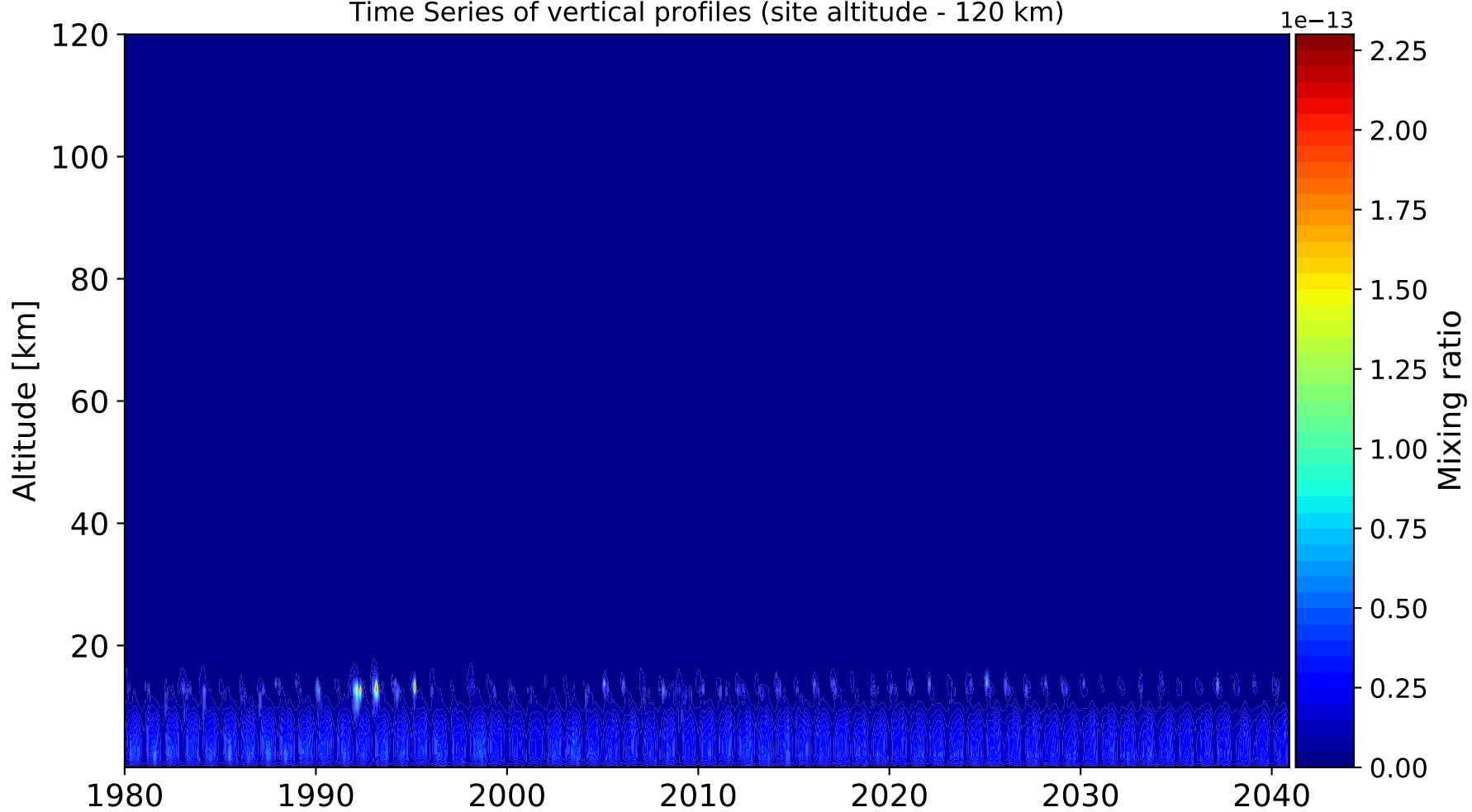
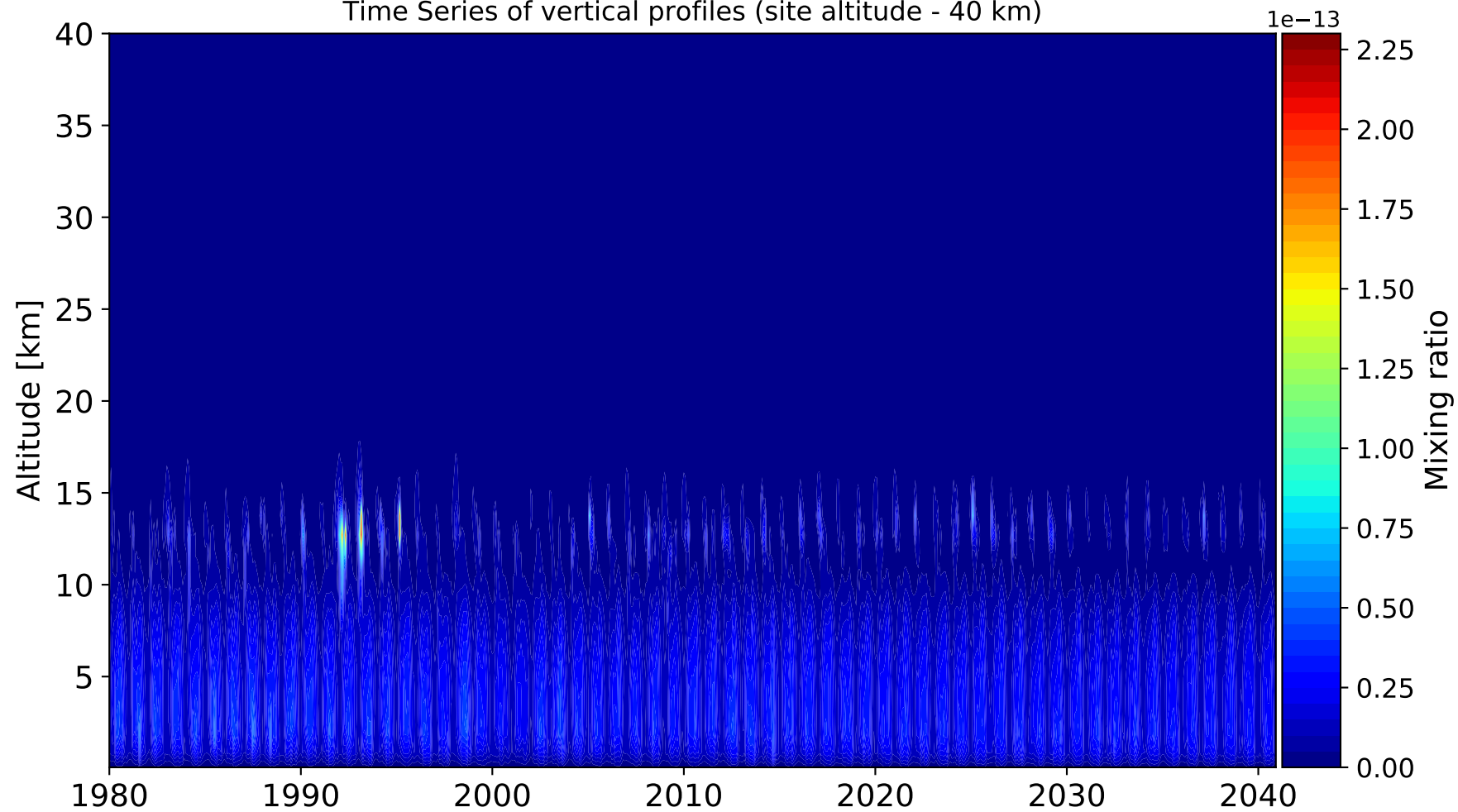


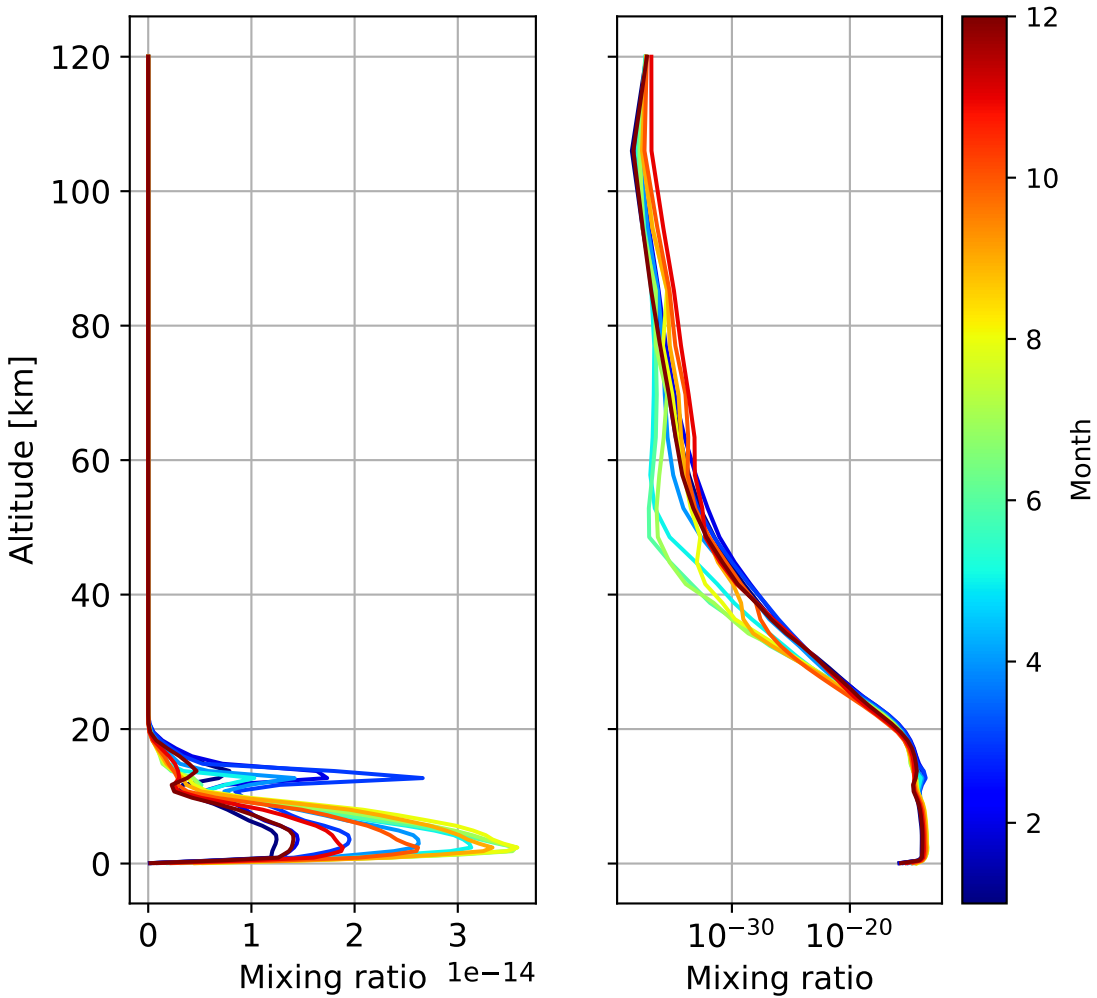
Time Series of vertical profiles (site altitude - 120 km)



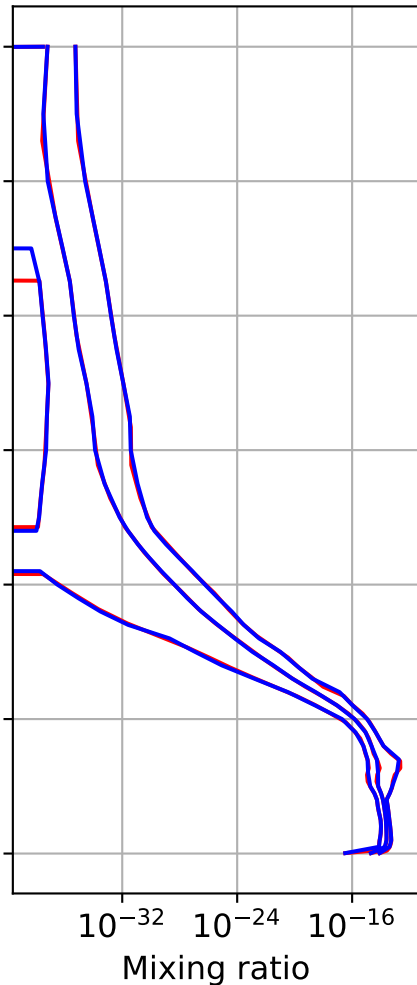
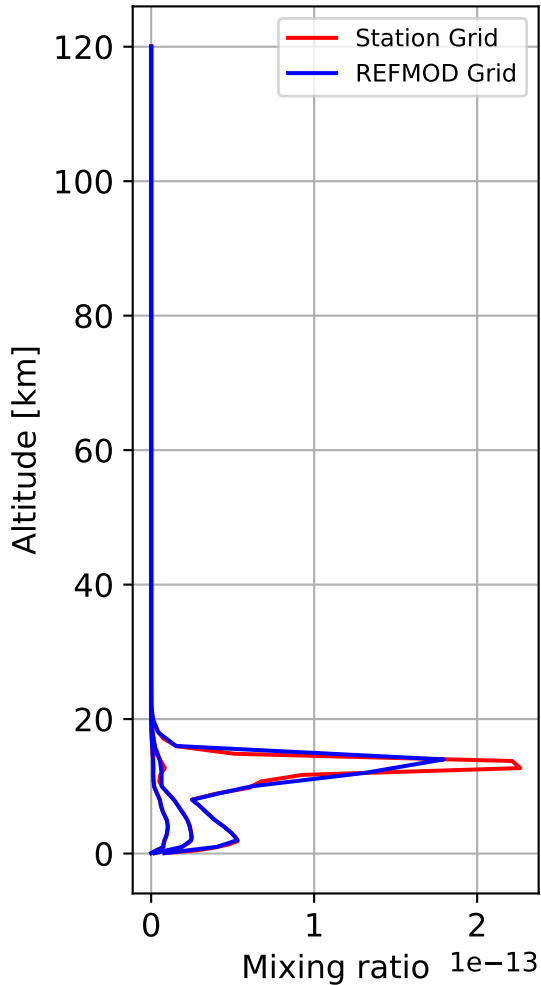
Time Series of vertical profiles (site altitude - 40 km)



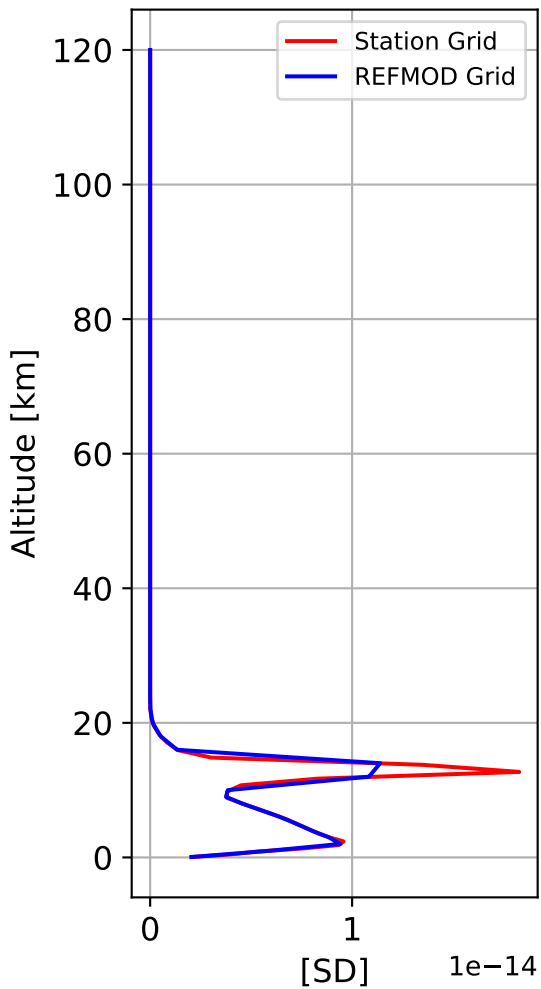
# Monthly mean WACCM profile (interpolated to station grid) Paris, 48.97N, 2.37E, 0.06kmasl



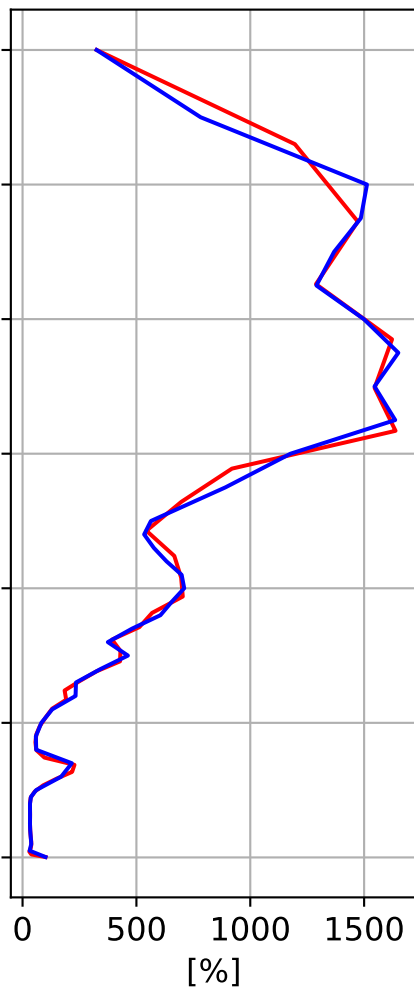
Min, Max, Mean of 732 profiles  
Paris, 48.97N, 2.37E, 0.06kmasl



Std. Deviation



Percent Deviation

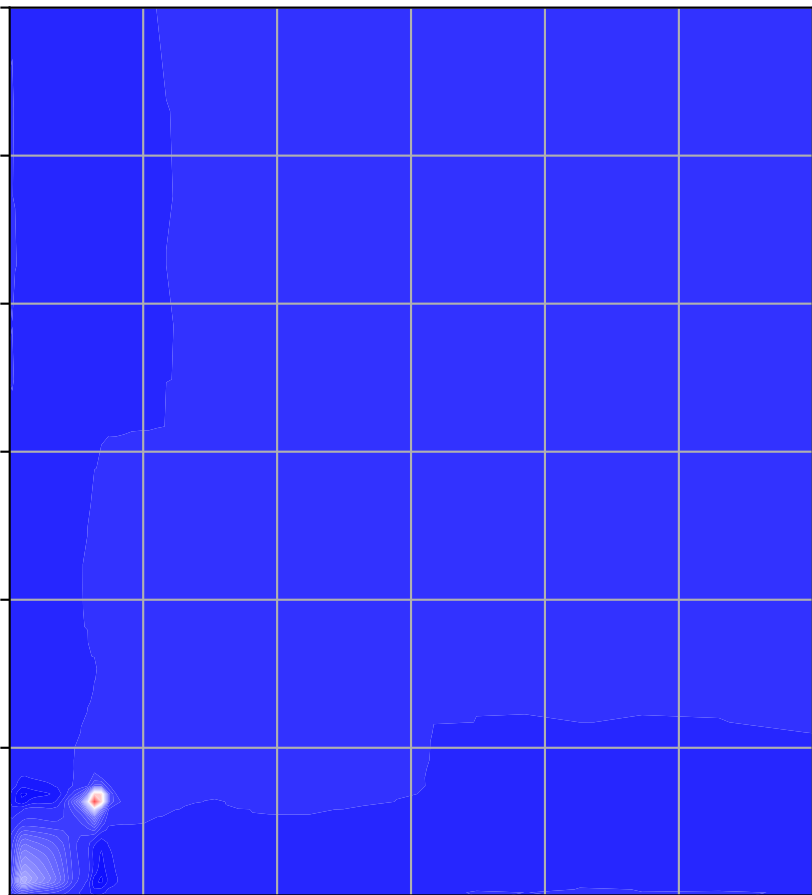


# Level covariance matrix

1e-28

Altitude [km]

120  
100  
80  
60  
40  
20



Mixing ratio[<sup>2</sup>]

3.2  
2.8  
2.4  
2.0  
1.6  
1.2  
0.8  
0.4  
0.0

Altitude [km]

20

40

60

80

100

120