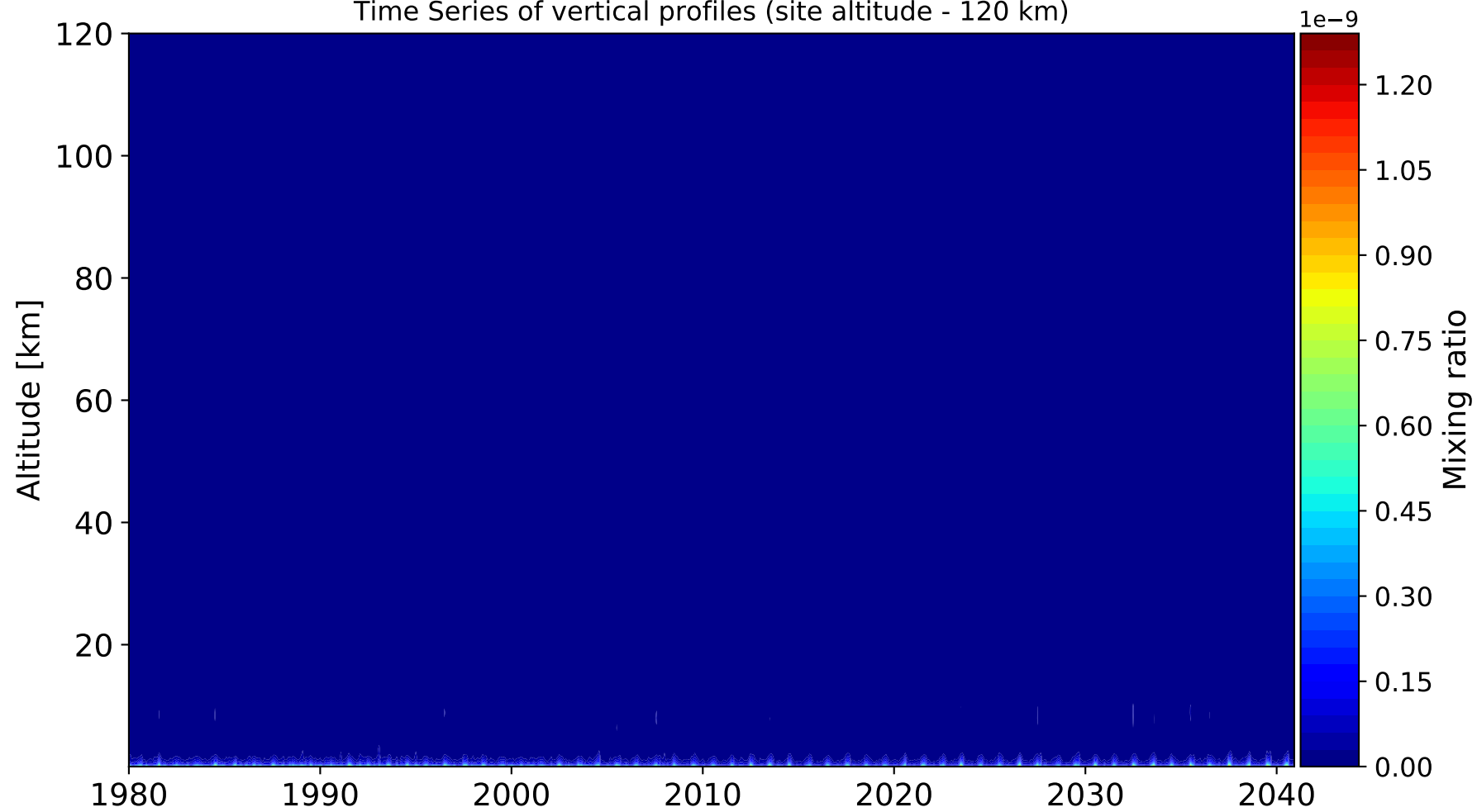
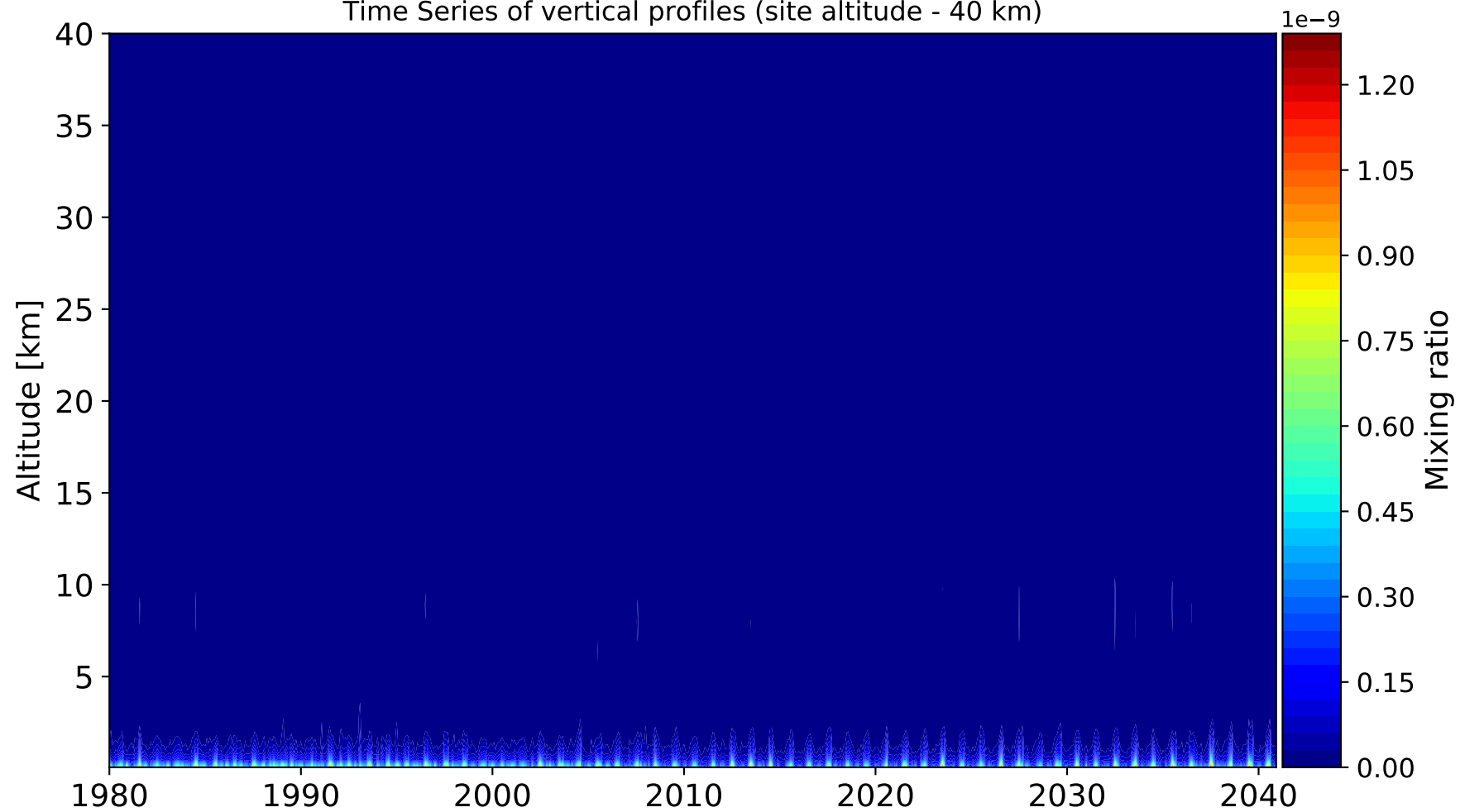


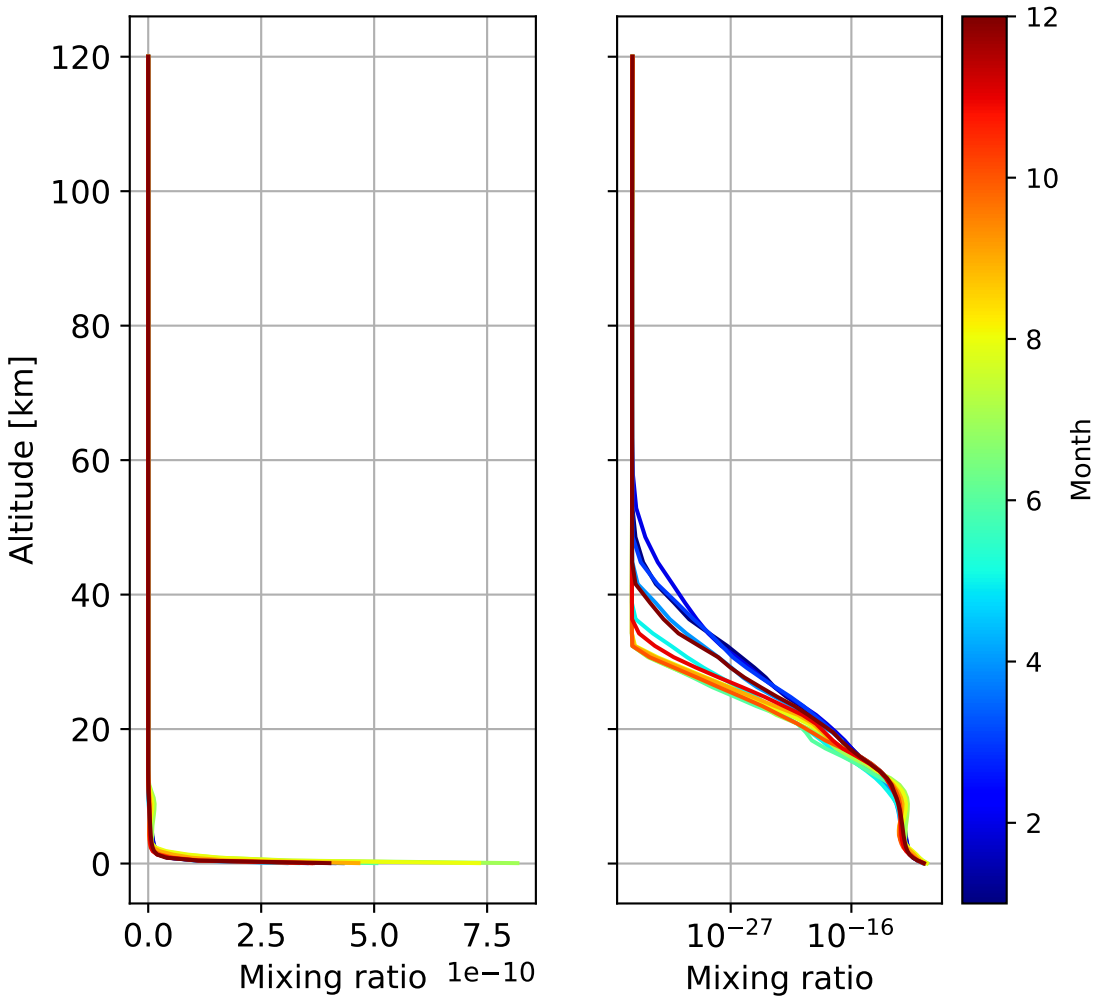
Time Series of vertical profiles (site altitude - 120 km)



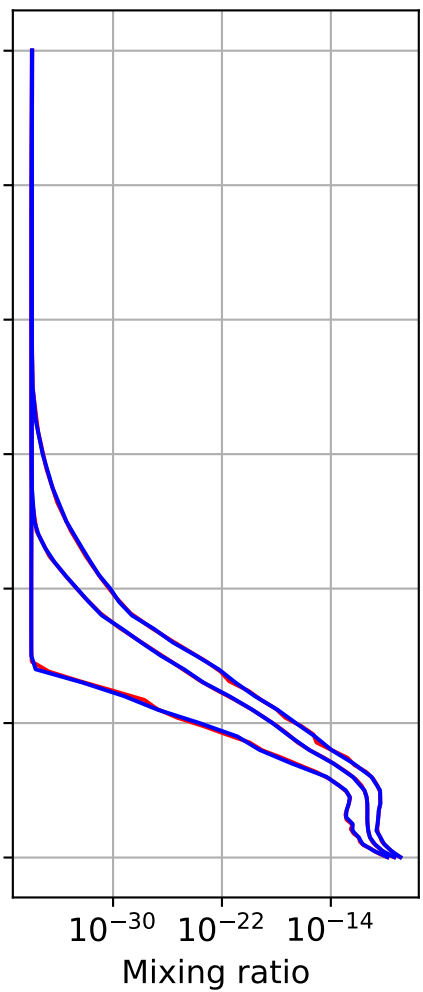
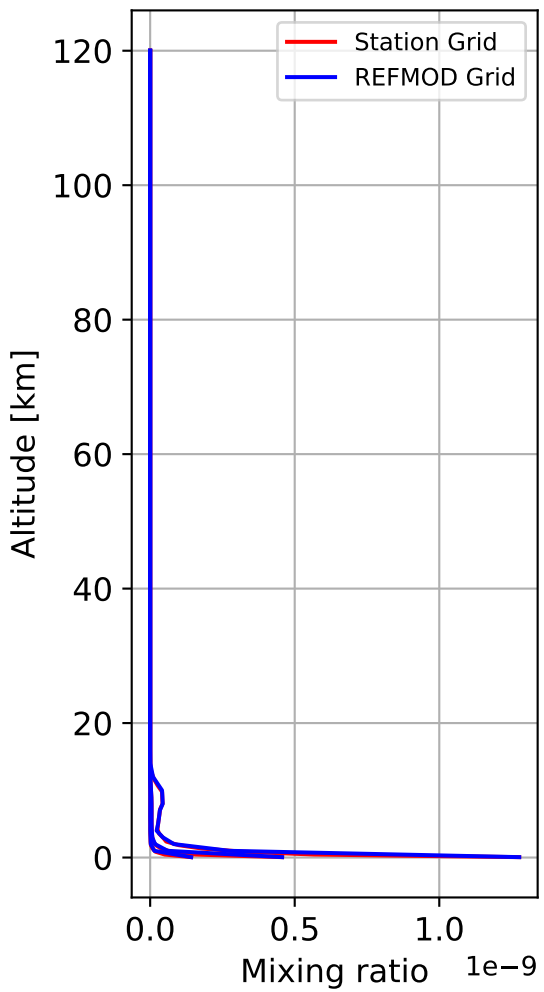
Time Series of vertical profiles (site altitude - 40 km)



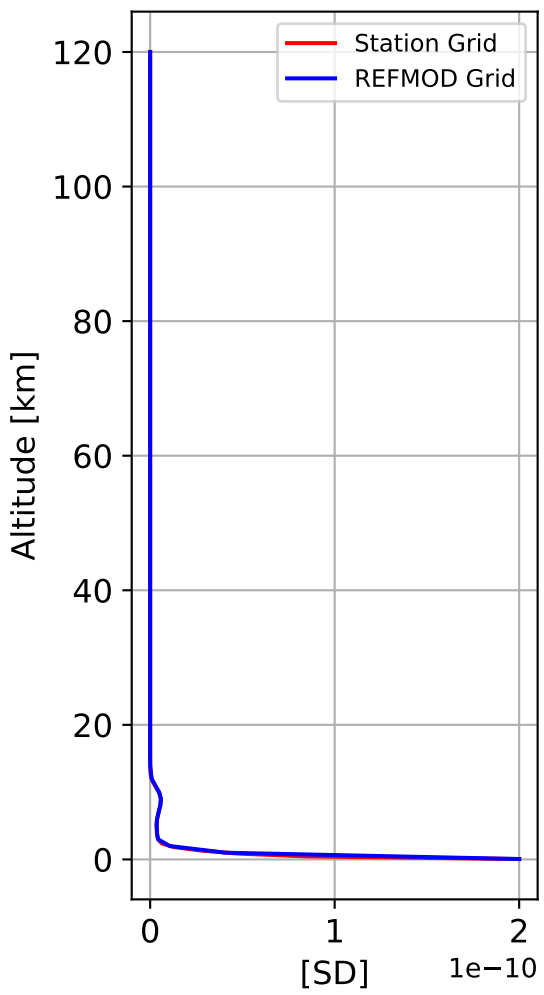
# Monthly mean WACCM profile (interpolated to station grid) Paris, 48.97N, 2.37E, 0.06kmasl



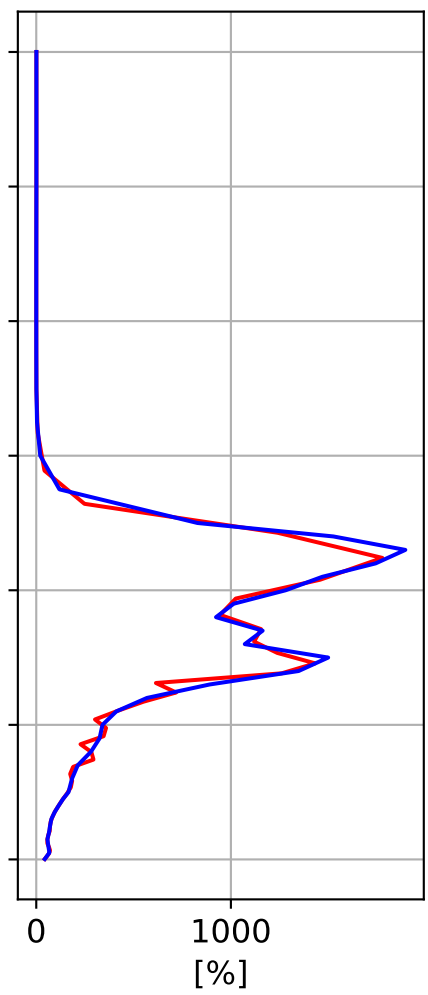
# Min, Max, Mean of 732 profiles Paris, 48.97N, 2.37E, 0.06kmasl



### Std. Deviation



### Percent Deviation

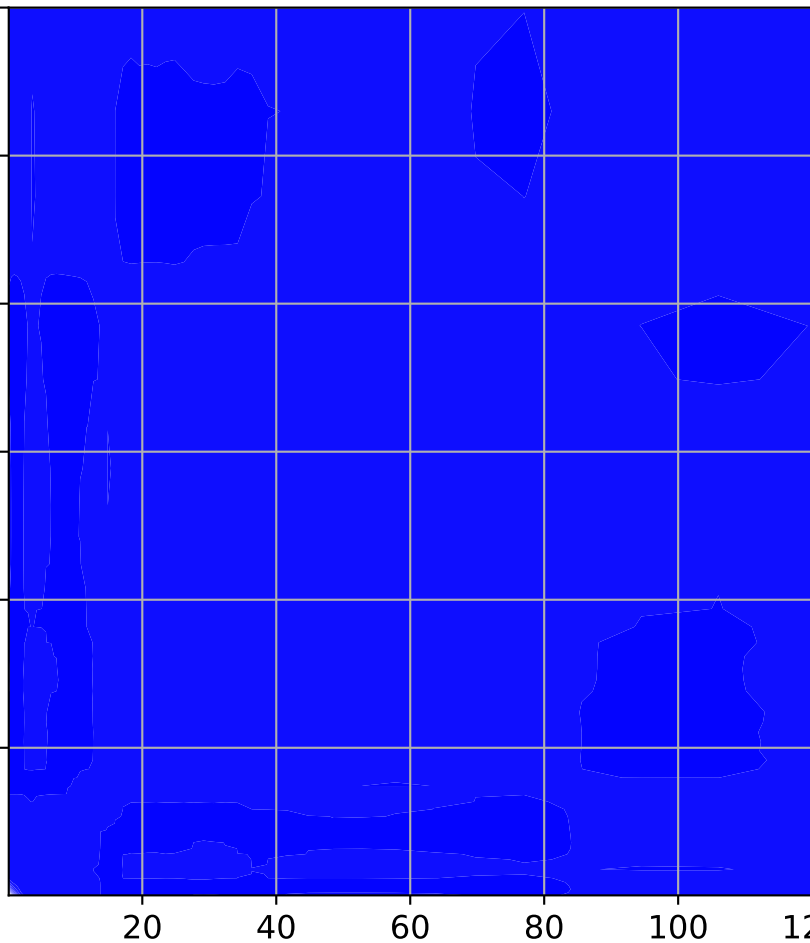


# Level covariance matrix

1e-20

Altitude [km]

120  
100  
80  
60  
40  
20



Altitude [km]

Mixing ratio<sup>2</sup>

3.84  
3.36  
2.88  
2.40  
1.92  
1.44  
0.96  
0.48  
0.00