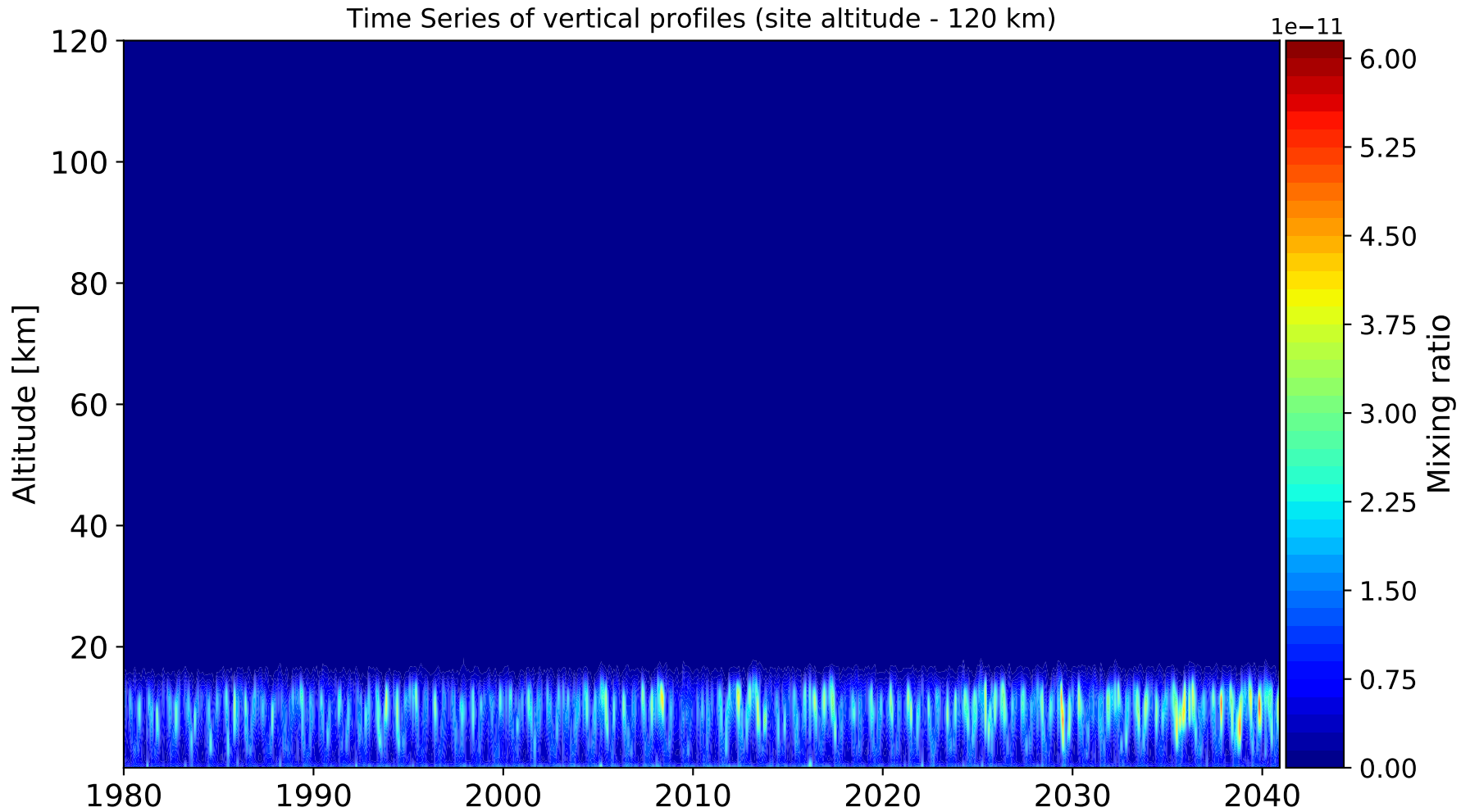
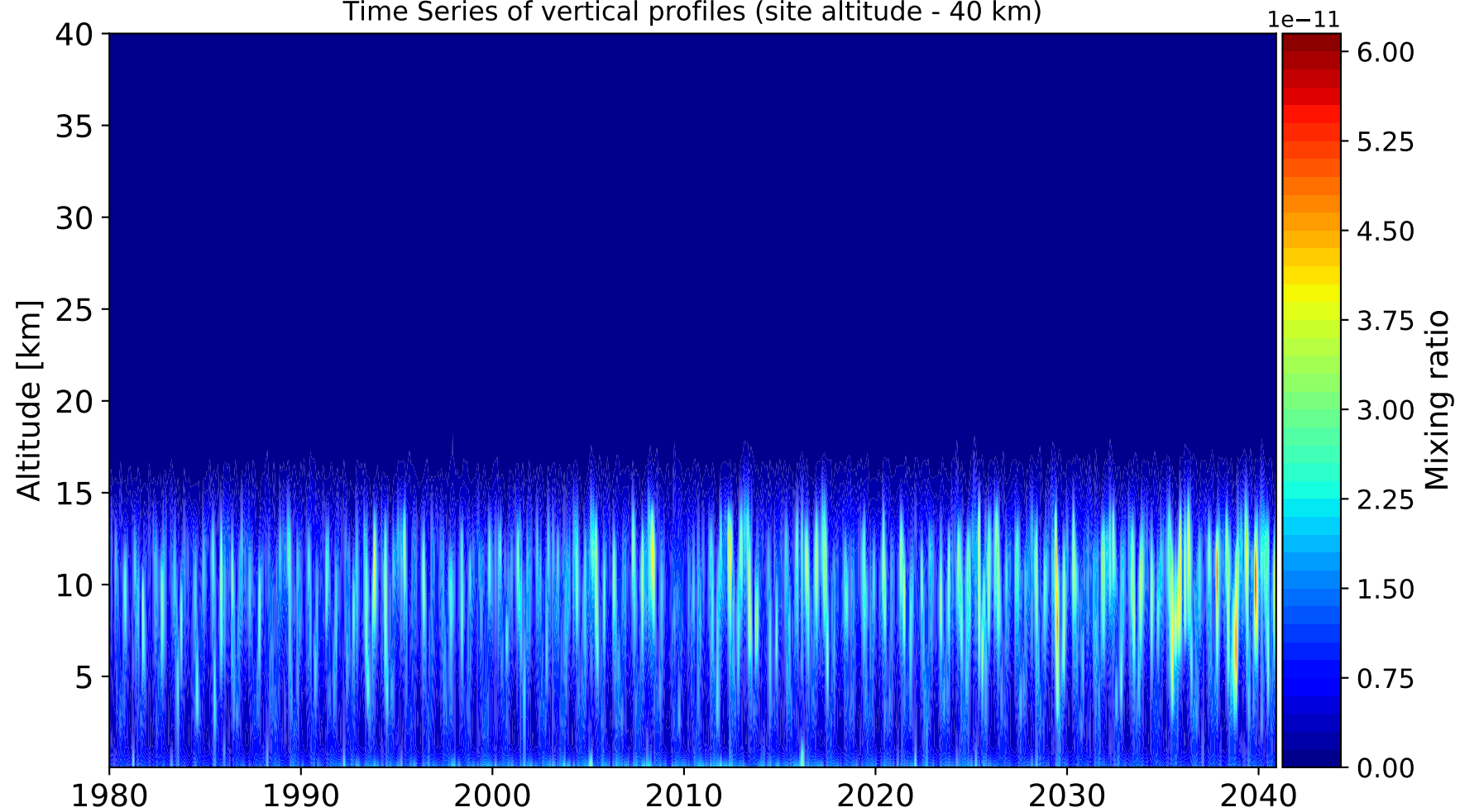


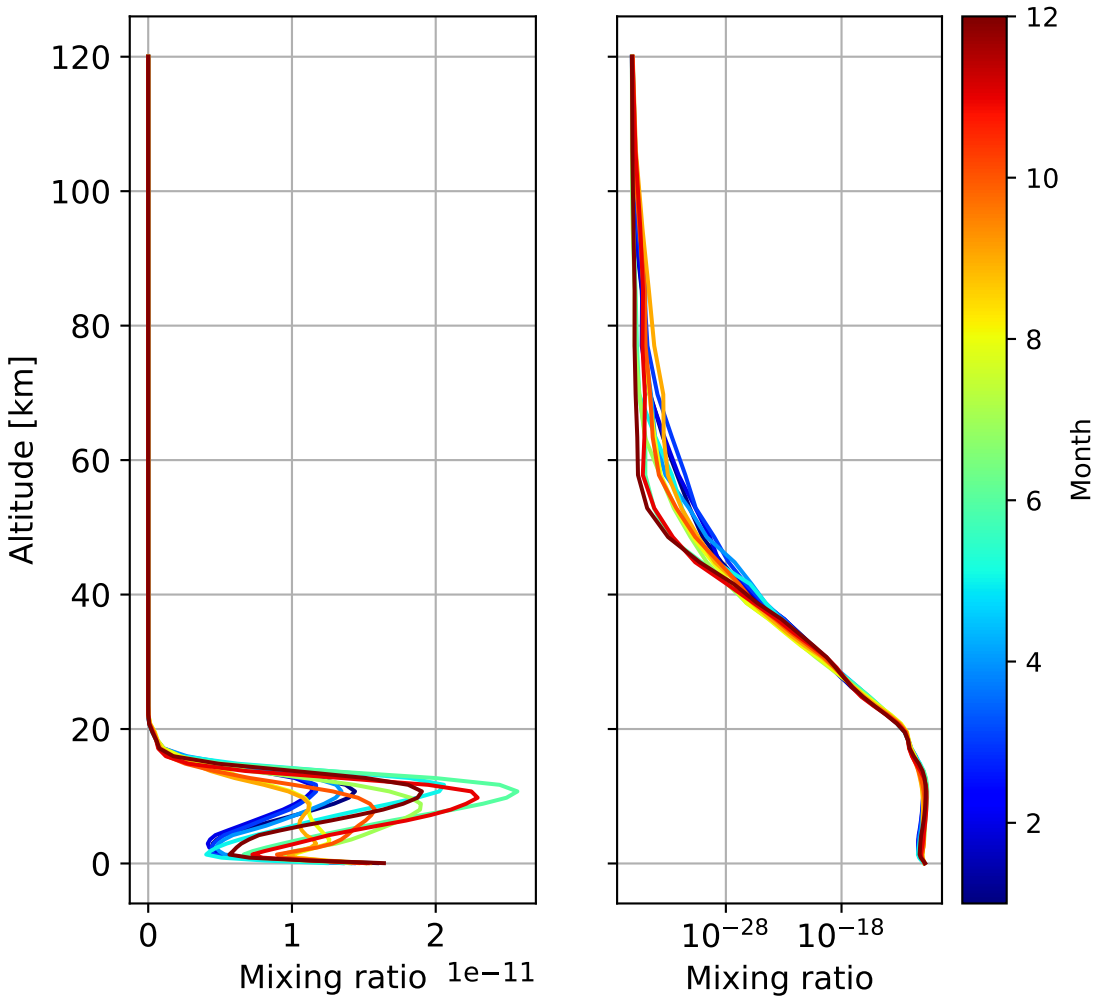
Time Series of vertical profiles (site altitude - 120 km)



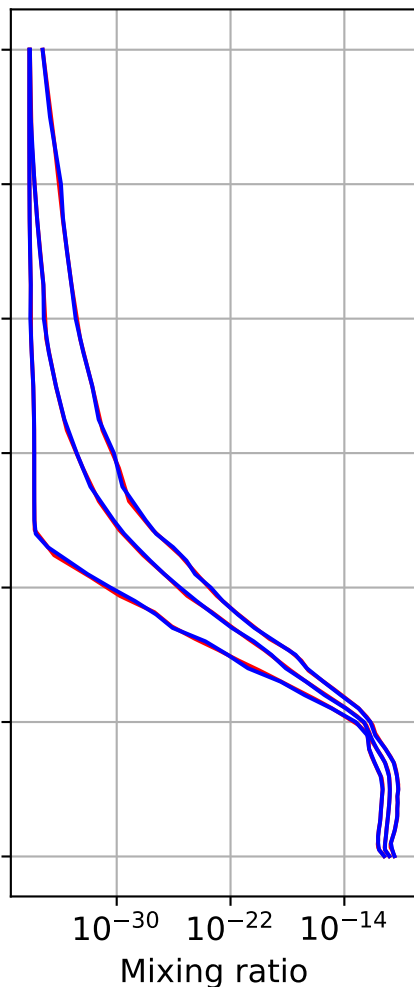
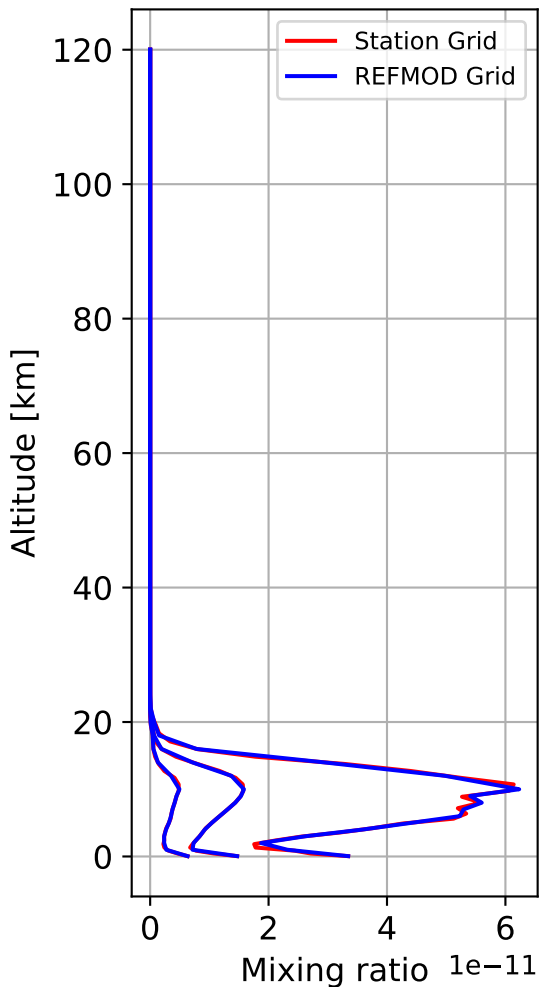
Time Series of vertical profiles (site altitude - 40 km)



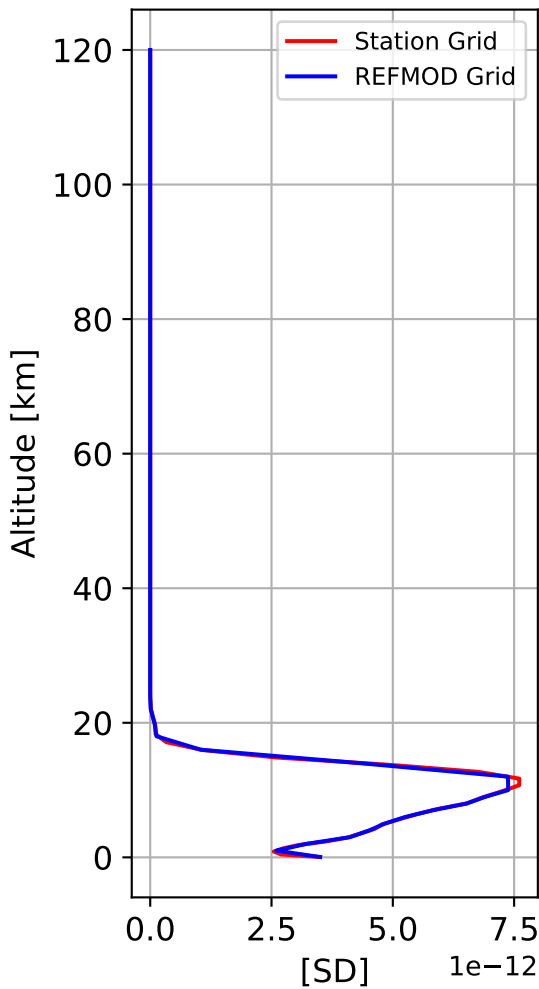
Monthly mean WACCM profile (interpolated to station grid)  
Reunion\_St\_Denis, -20.9N, 55.483E, 0.05kmasl



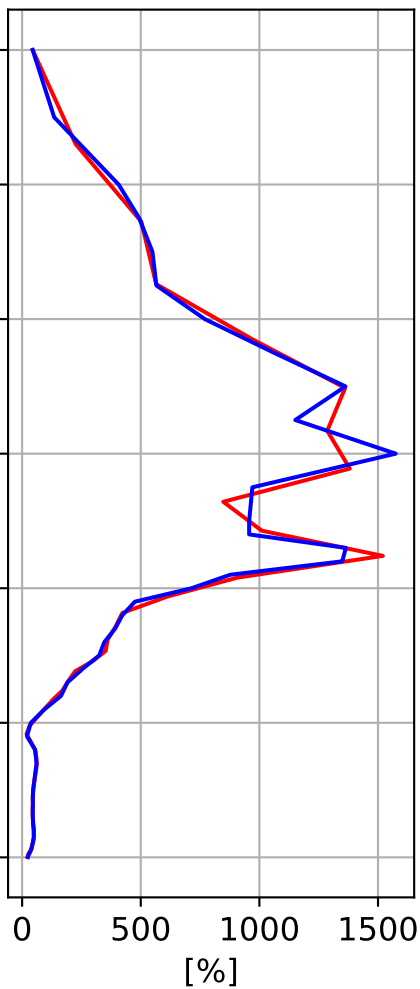
Min, Max, Mean of 732 profiles  
Reunion\_St\_Denis, -20.9N, 55.483E, 0.05kmasl



Std. Deviation



Percent Deviation

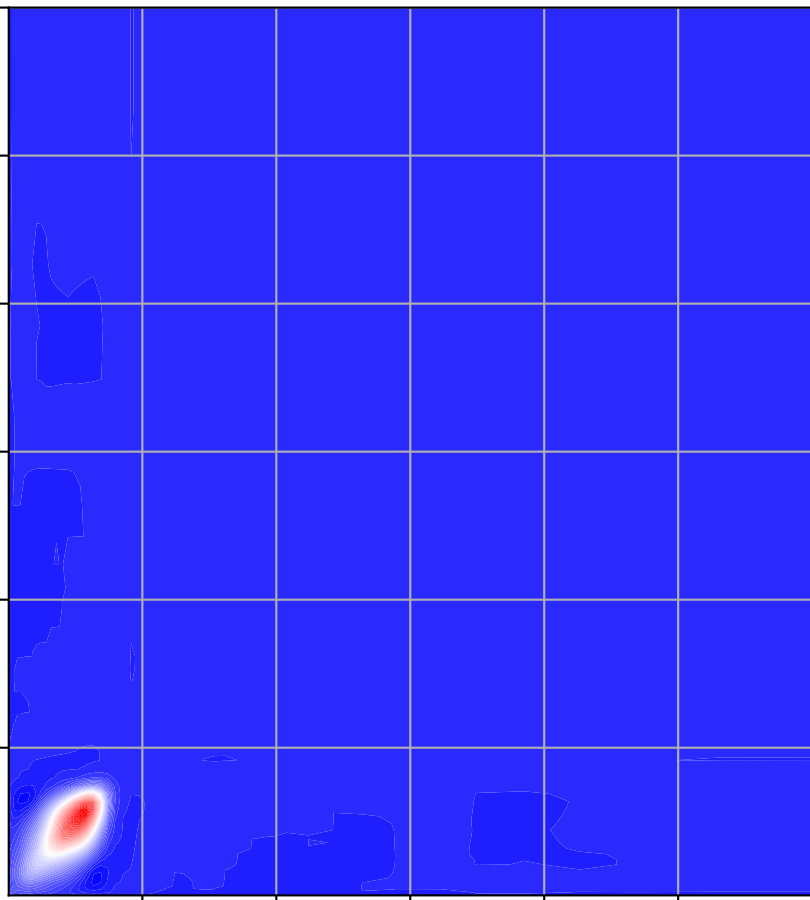


# Level covariance matrix

$1e-23$

Altitude [km]

120  
100  
80  
60  
40  
20



Altitude [km]

Mixing ratio[ $\sim 2$ ]

5.25  
4.50  
3.75  
3.00  
2.25  
1.50  
0.75  
0.00