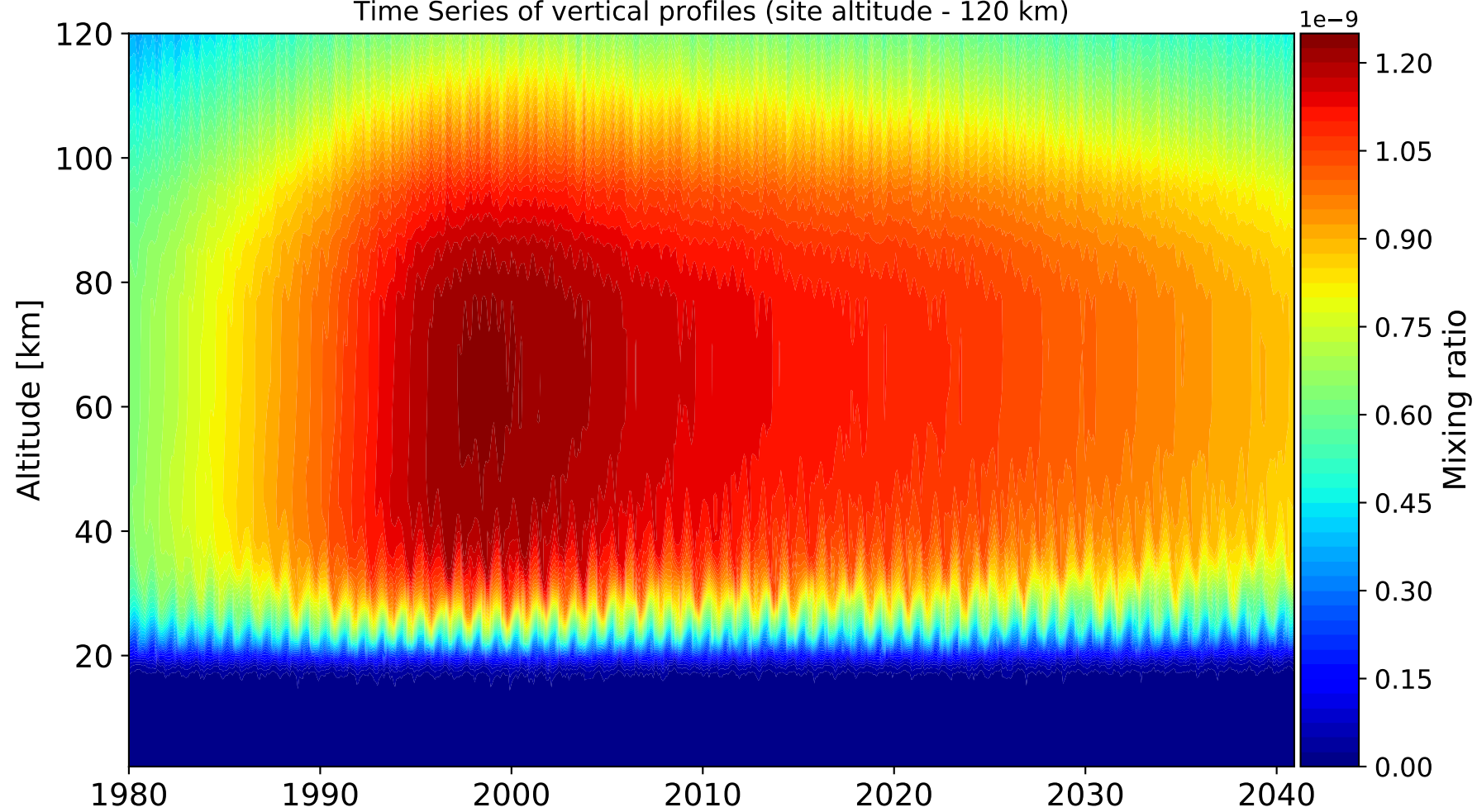
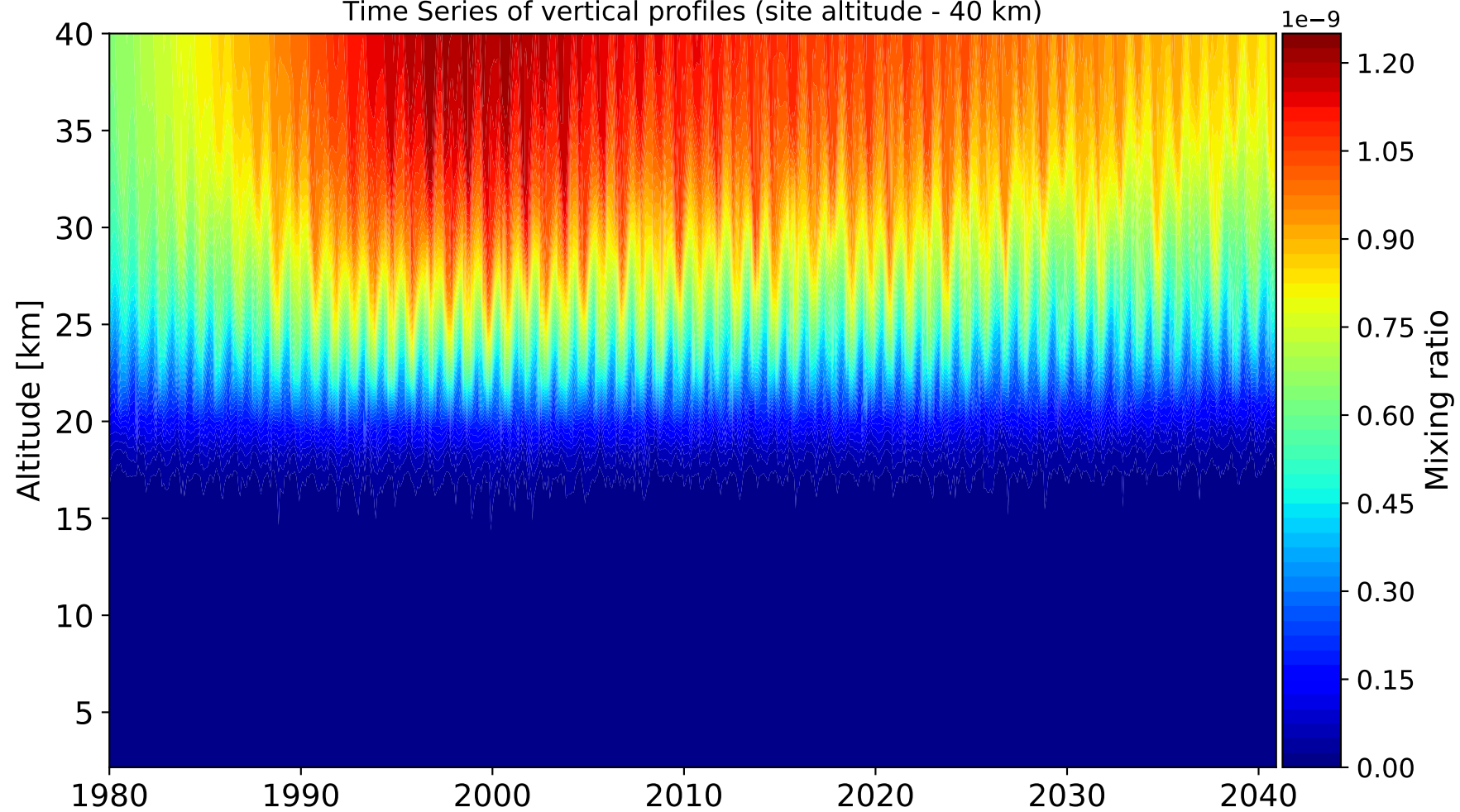


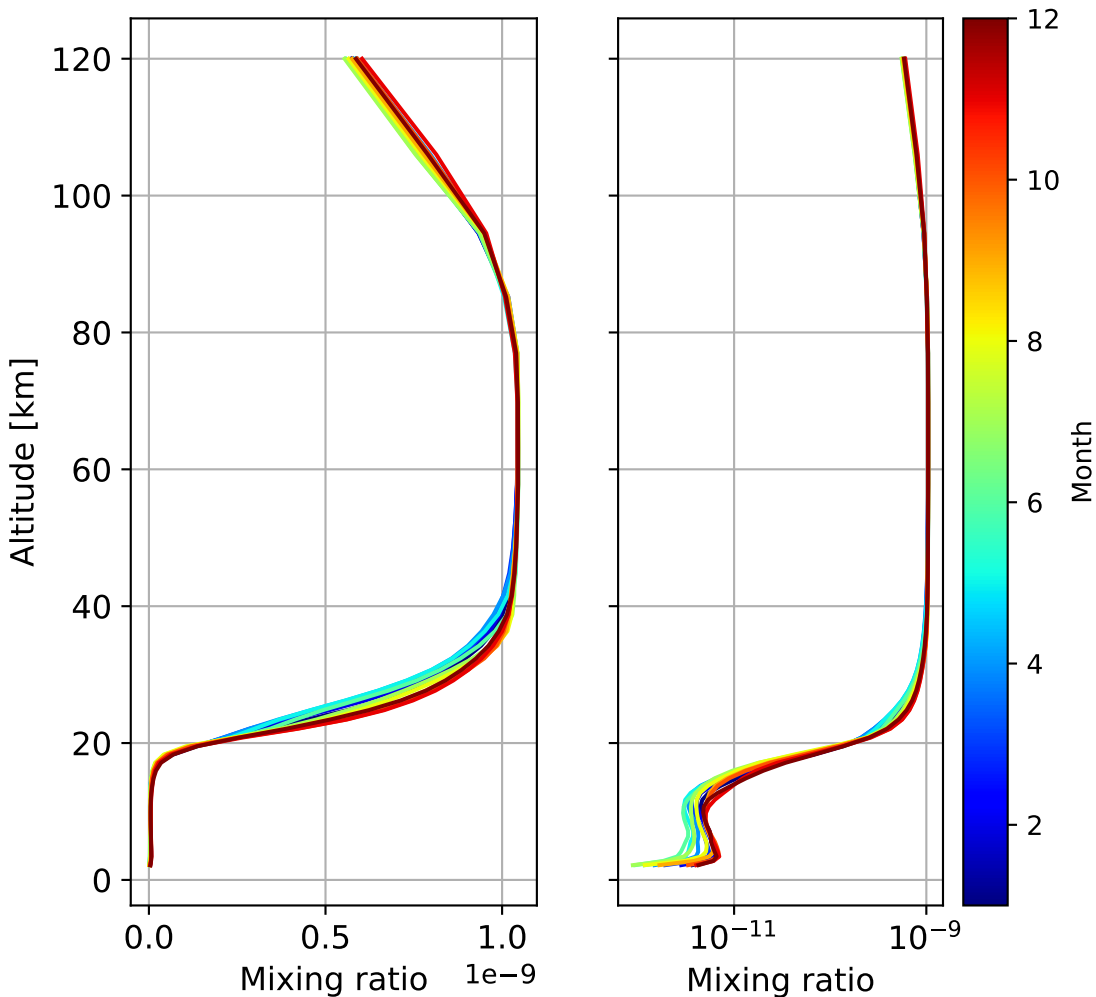
Time Series of vertical profiles (site altitude - 120 km)



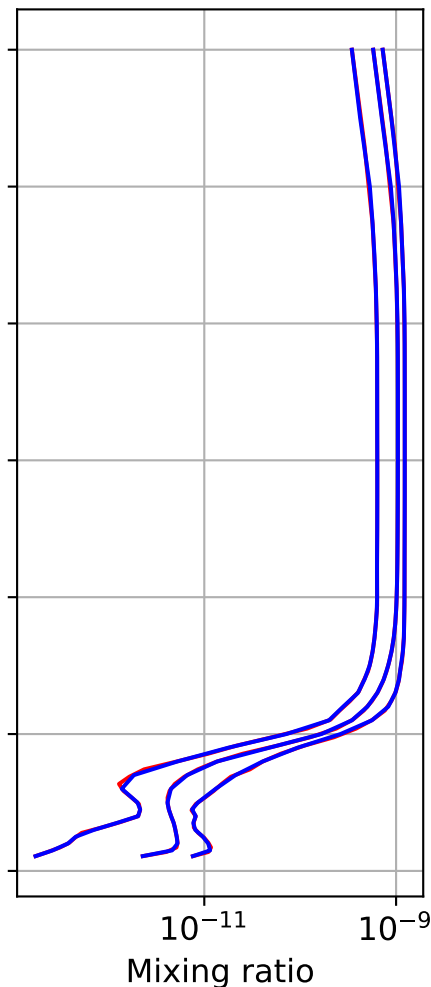
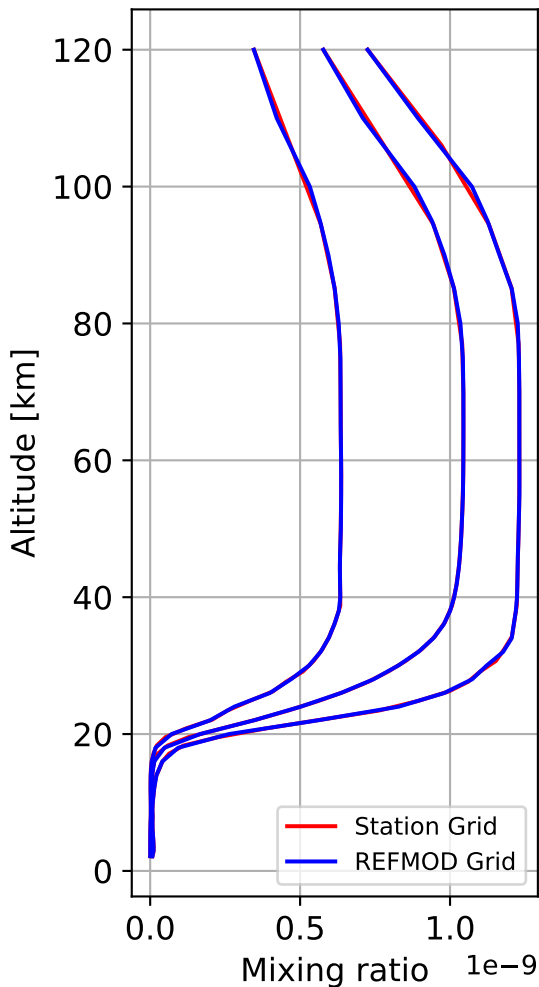
Time Series of vertical profiles (site altitude - 40 km)



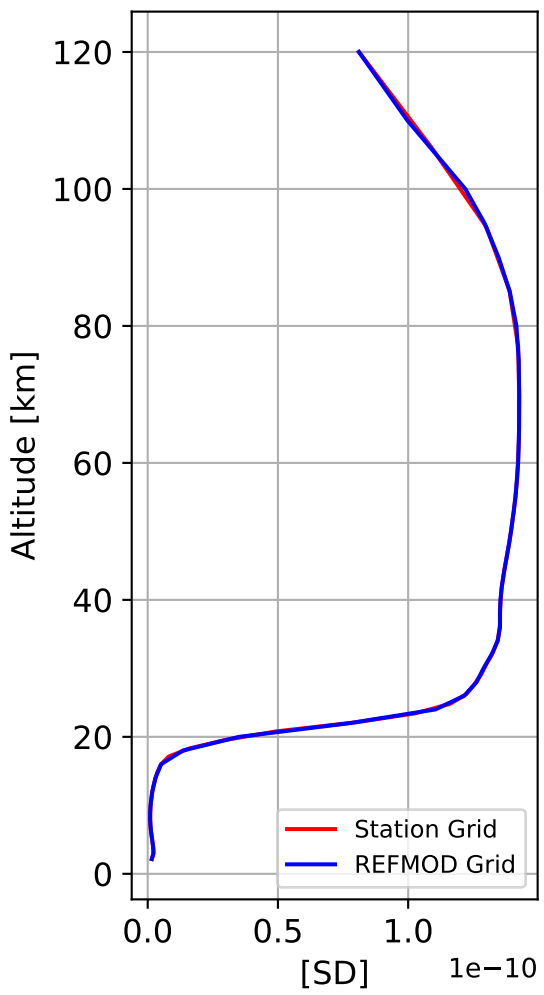
Monthly mean WACCM profile (interpolated to station grid)  
Reunion\_Maido, -21.067N, 55.38E, 2.16kmasl



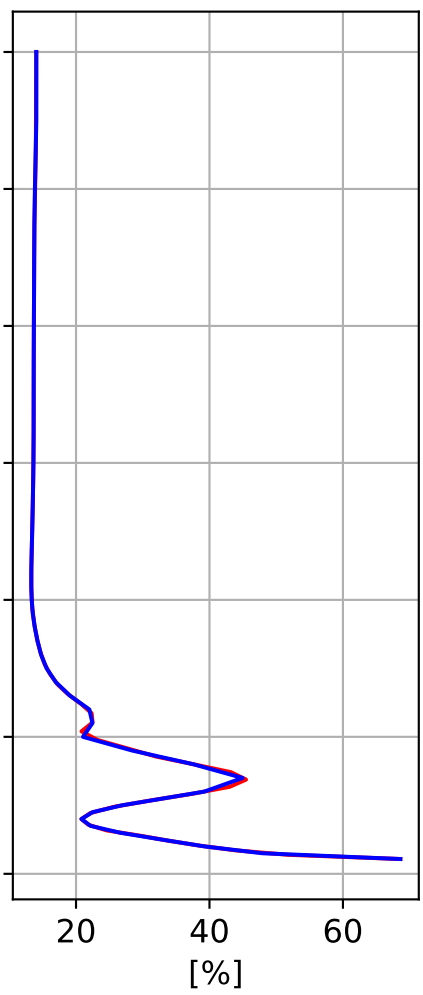
Min, Max, Mean of 732 profiles  
Reunion\_Maido, -21.067N, 55.38E, 2.16kmasl



### Std. Deviation



### Percent Deviation

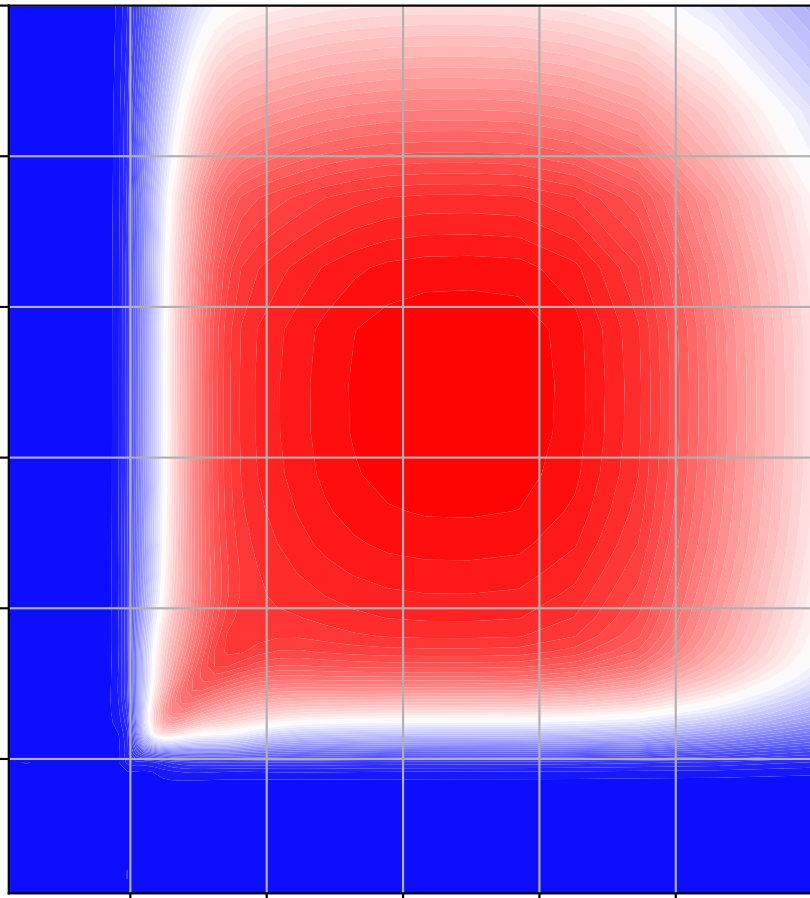


# Level covariance matrix

$1e-20$

Altitude [km]

120  
100  
80  
60  
40  
20



Mixing ratio<sup>2</sup>

1.92  
1.68  
1.44  
1.20  
0.96  
0.72  
0.48  
0.24  
0.00

Altitude [km]