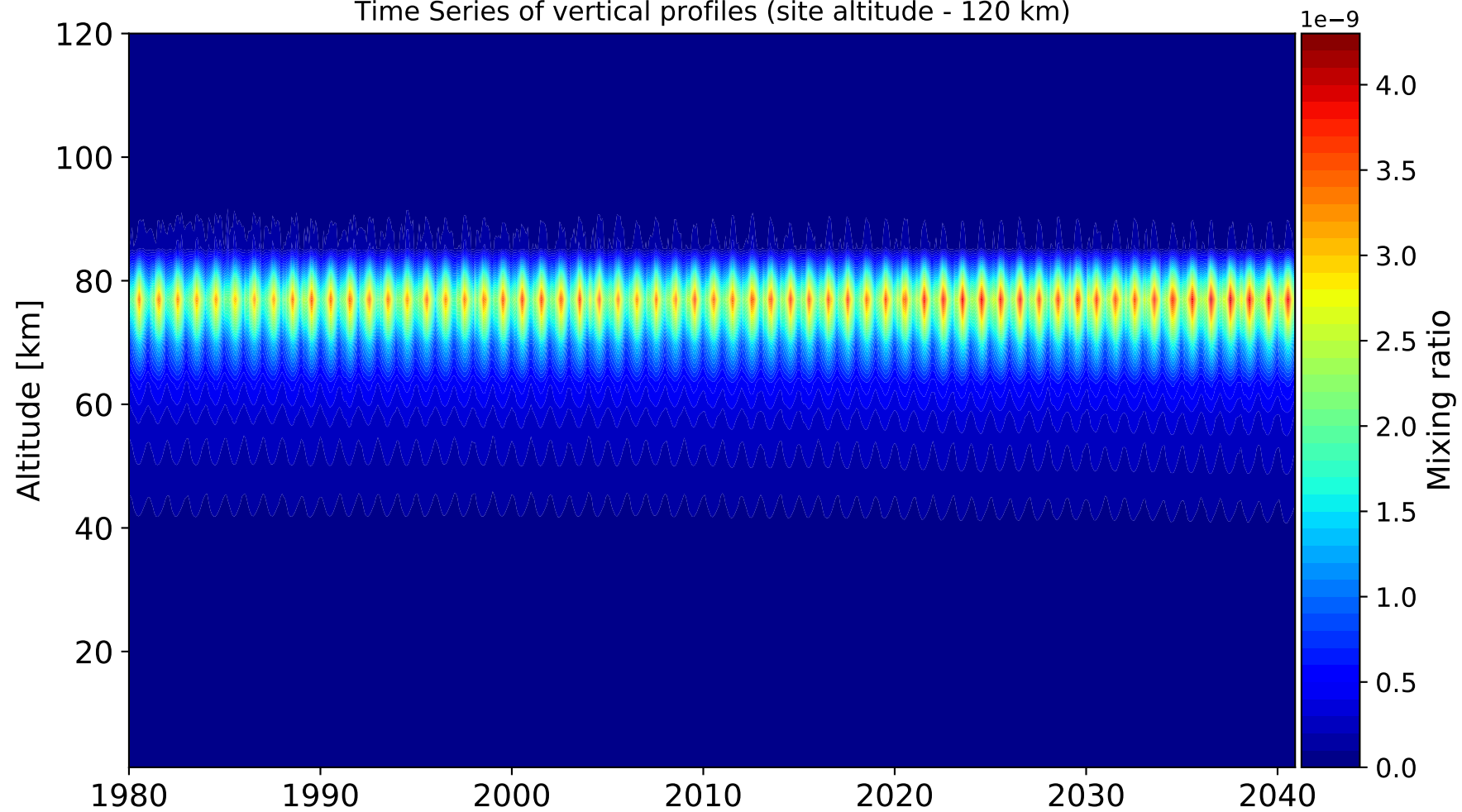
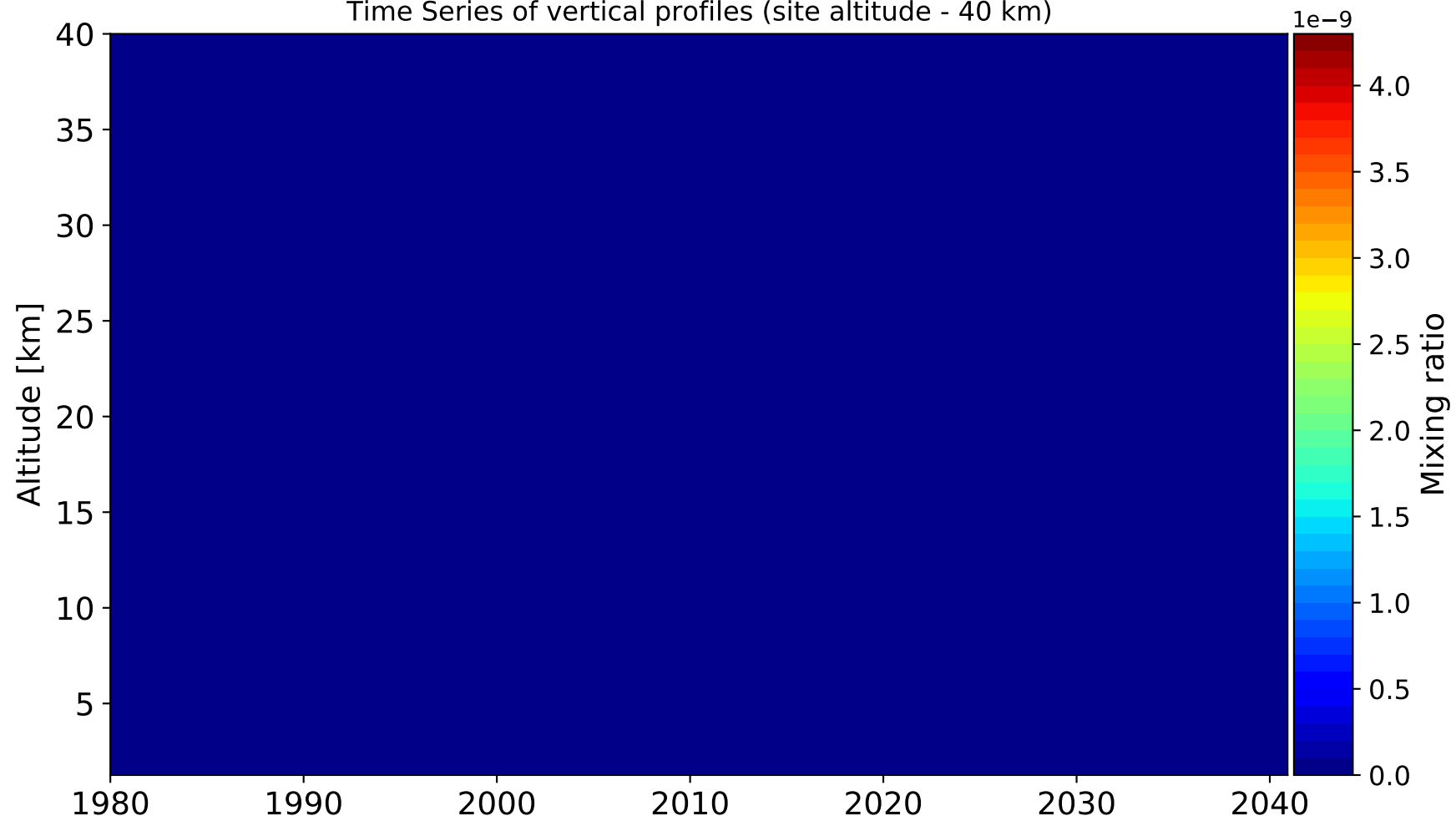


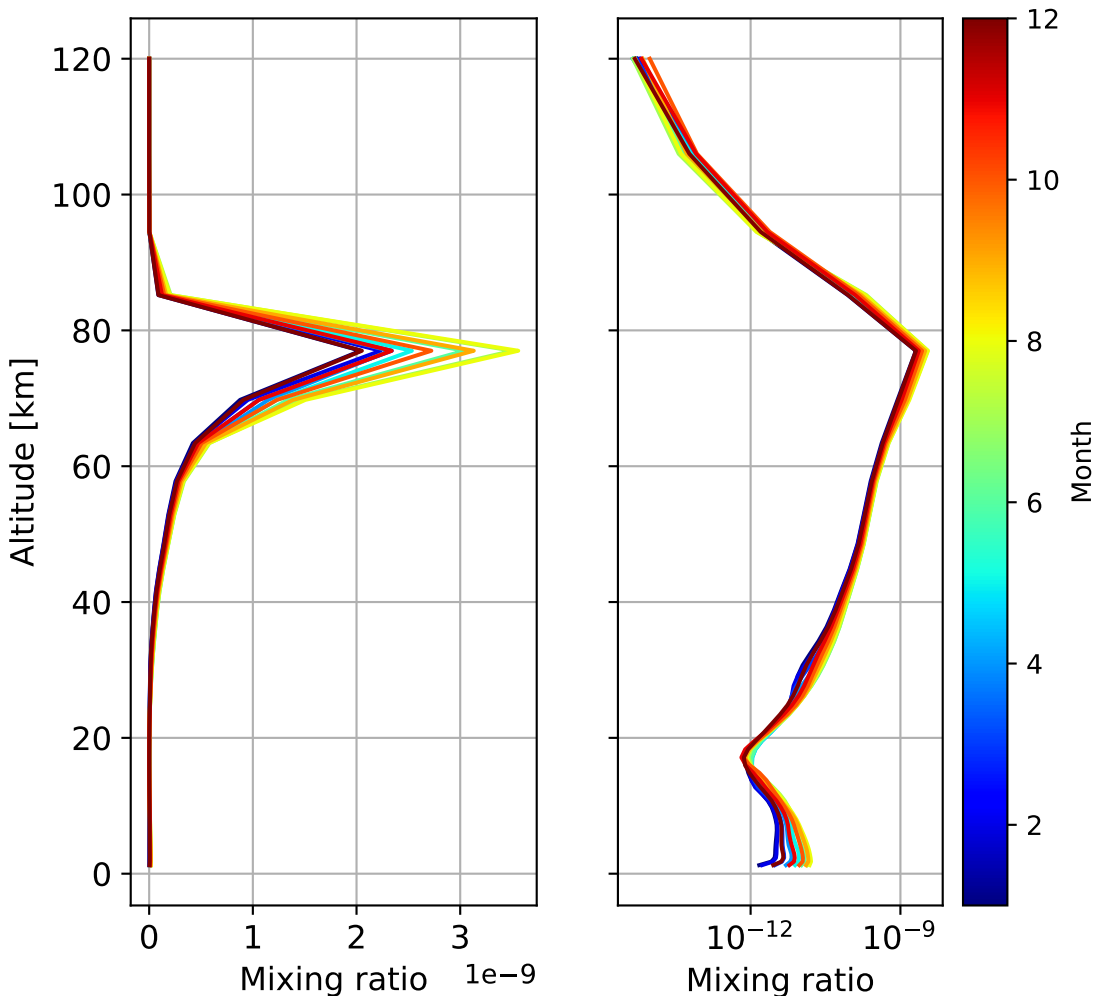
Time Series of vertical profiles (site altitude - 120 km)



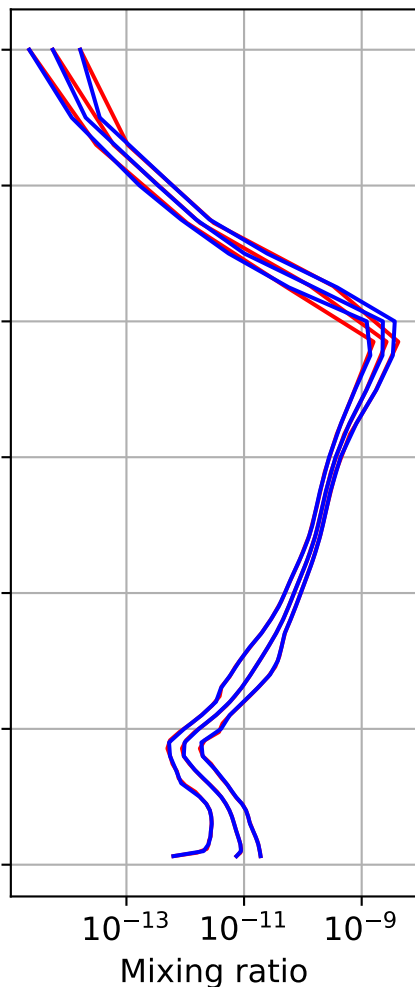
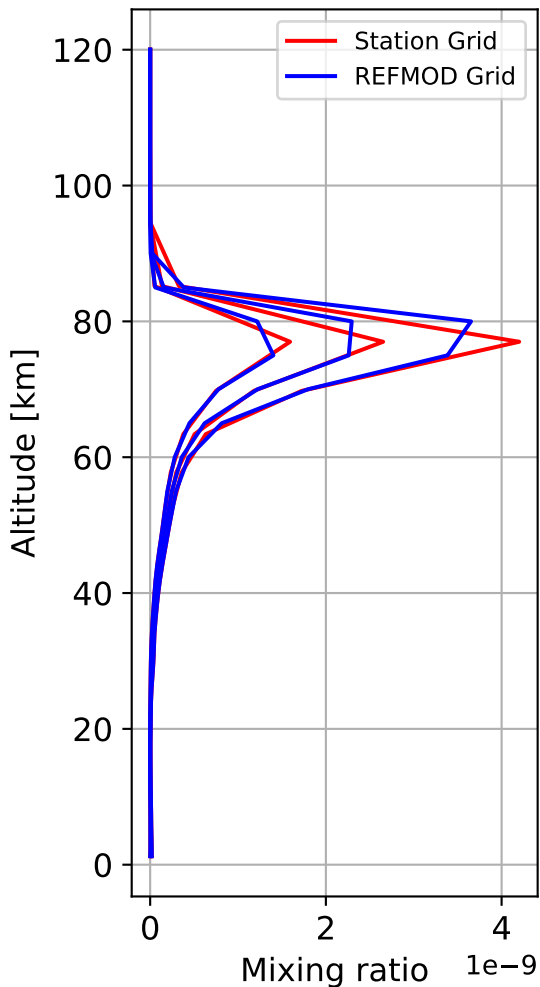
Time Series of vertical profiles (site altitude - 40 km)



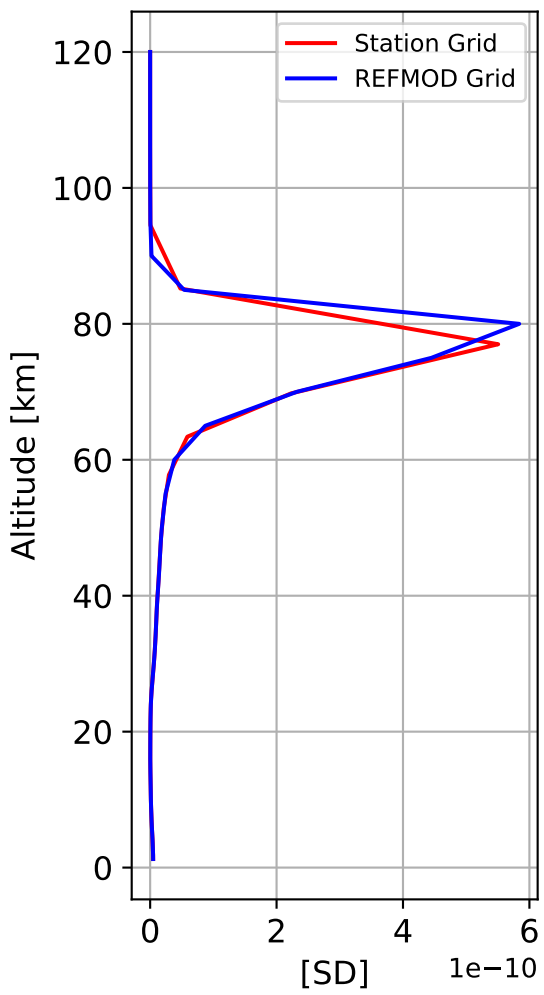
Monthly mean WACCM profile (interpolated to station grid)  
FtSumner, 34.48N, 255.78E, 1.26kmasl



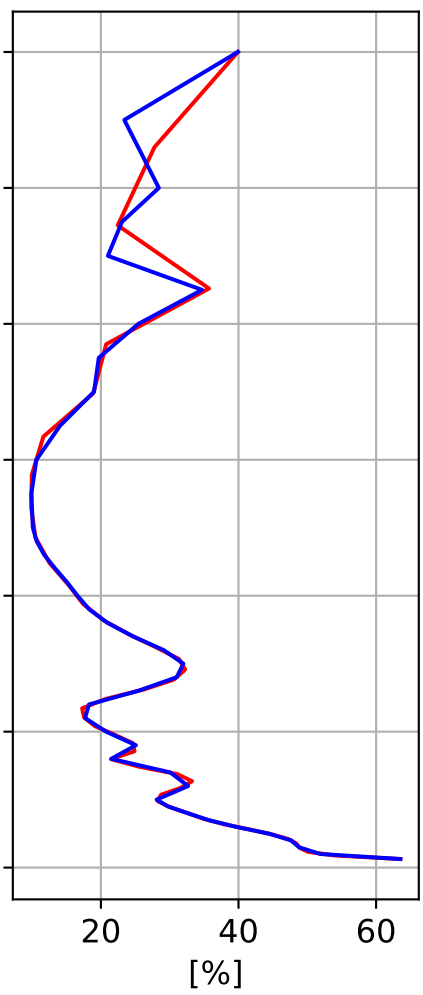
Min, Max, Mean of 732 profiles  
FtSumner, 34.48N, 255.78E, 1.26kmasl



### Std. Deviation



### Percent Deviation

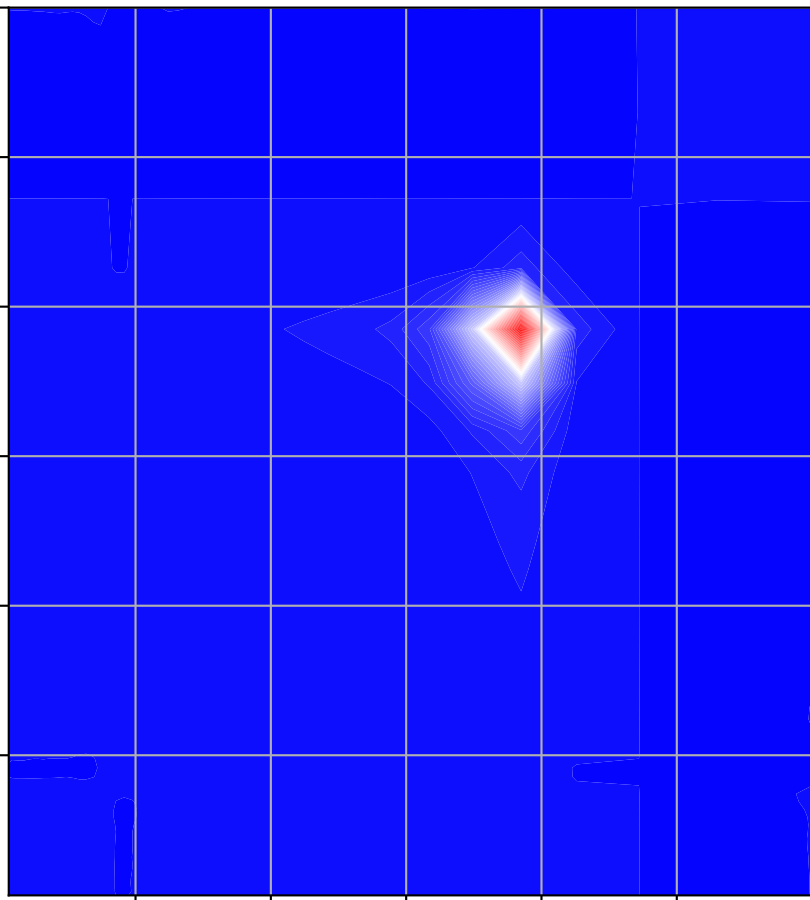


# Level covariance matrix

1e-19

Altitude [km]

120  
100  
80  
60  
40  
20



Altitude [km]

Mixing ratio [^2]

2.88  
2.52  
2.16  
1.80  
1.44  
1.08  
0.72  
0.36  
0.00