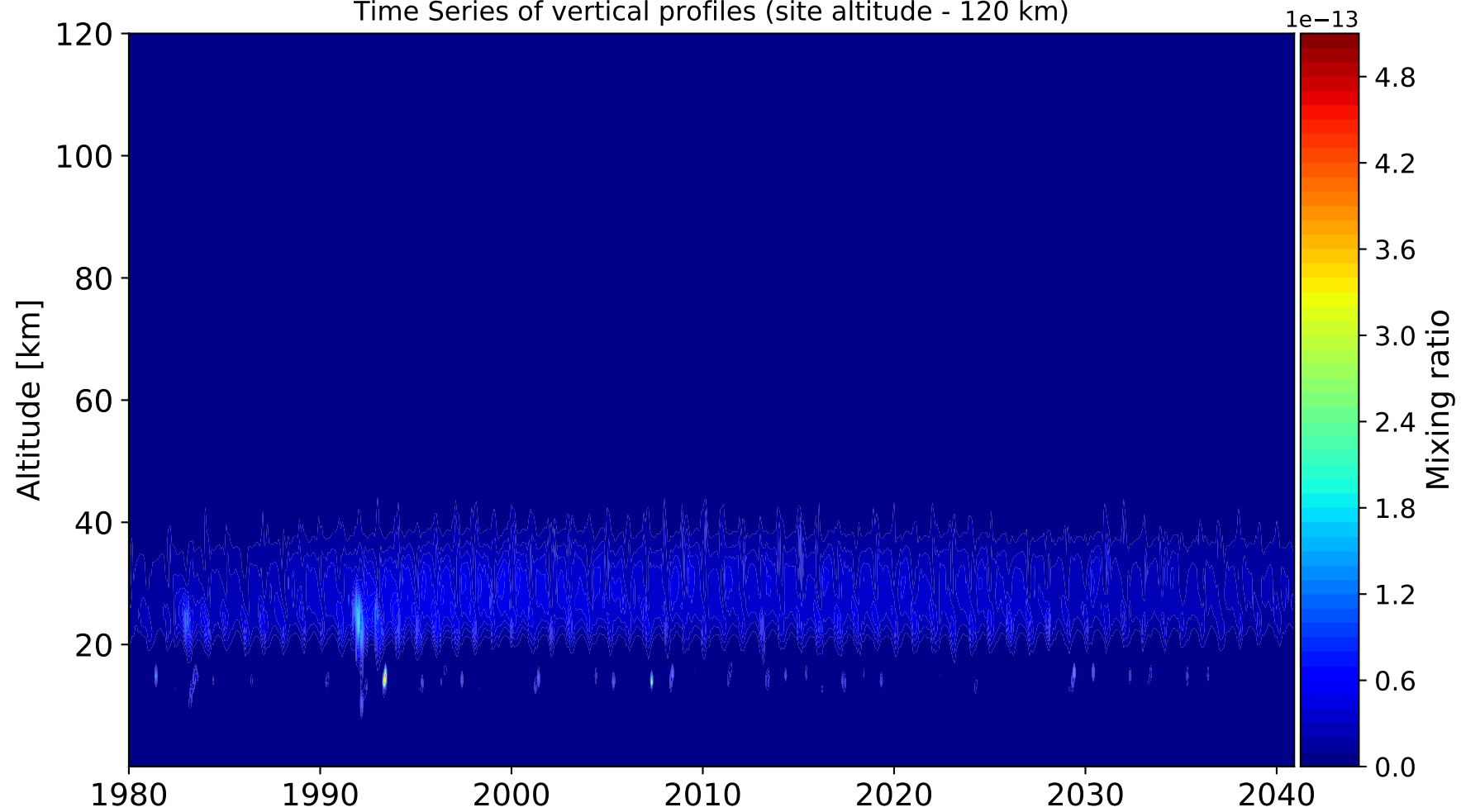
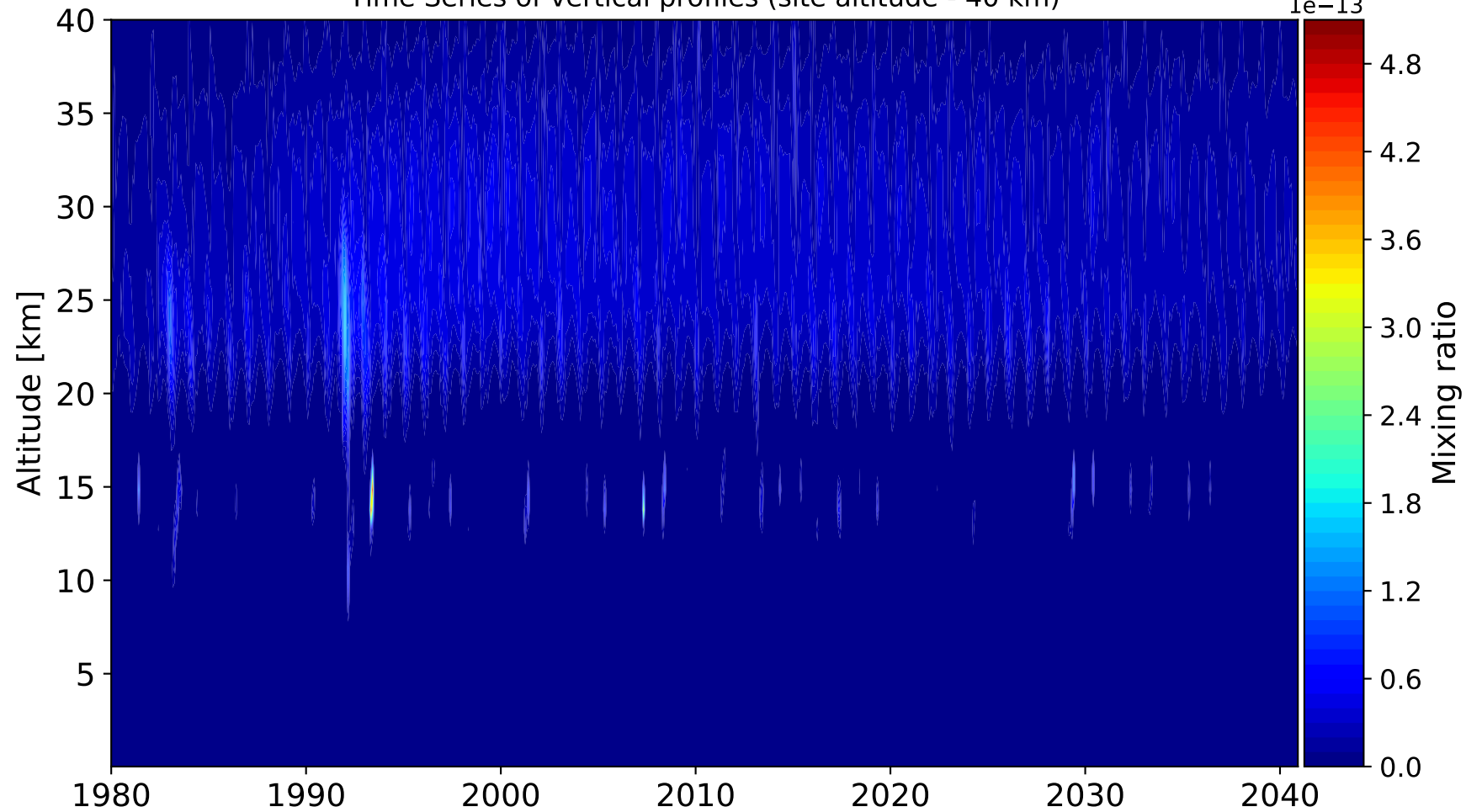


Time Series of vertical profiles (site altitude - 120 km)

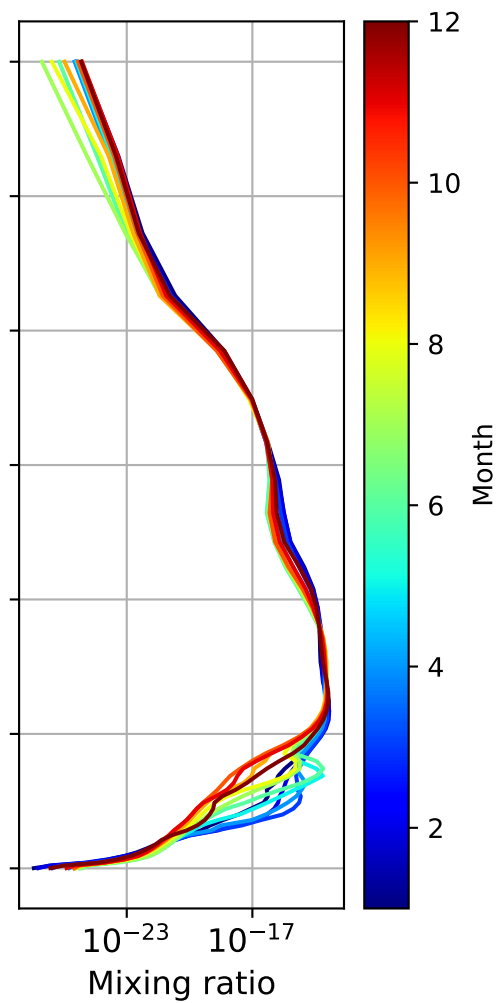
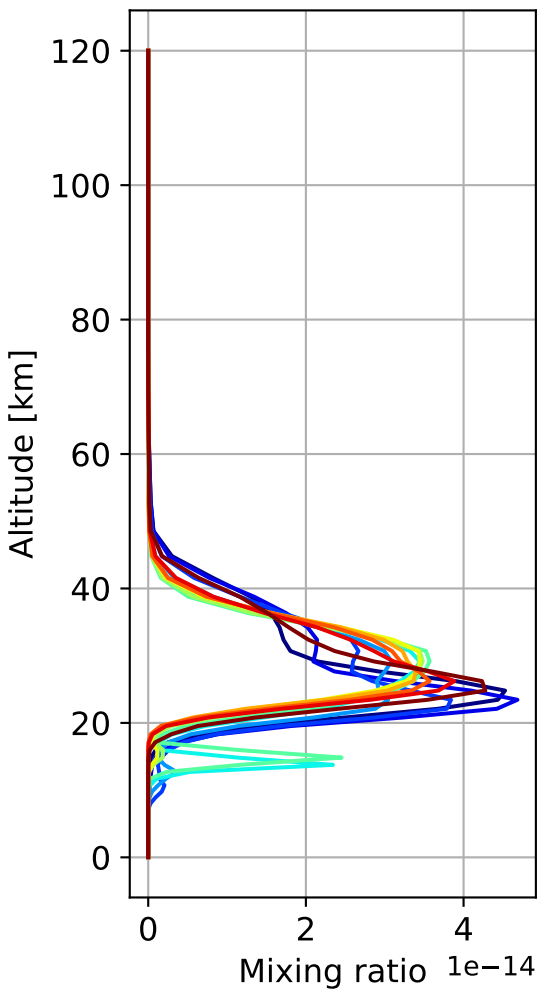


Time Series of vertical profiles (site altitude - 40 km)

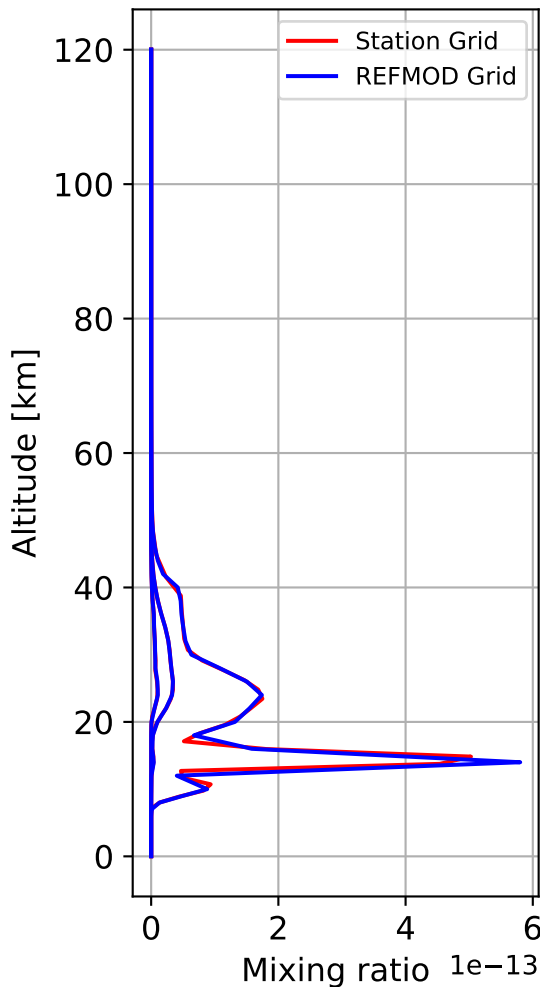
$1e-13$



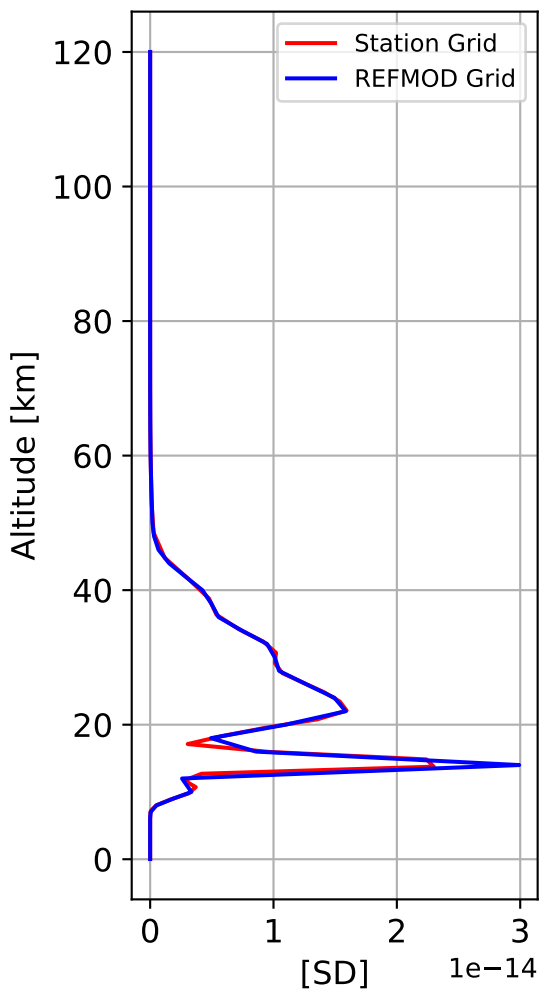
# Monthly mean WACCM profile (interpolated to station grid) Tsukuba, 36.05N, 140.12E, 0.031km/sl



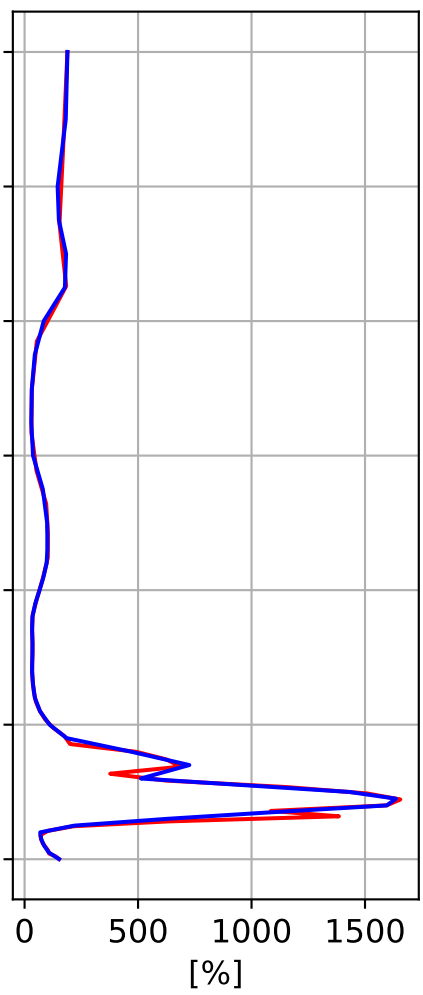
Min, Max, Mean of 732 profiles  
Tsukuba, 36.05N, 140.12E, 0.031kmasl



### Std. Deviation



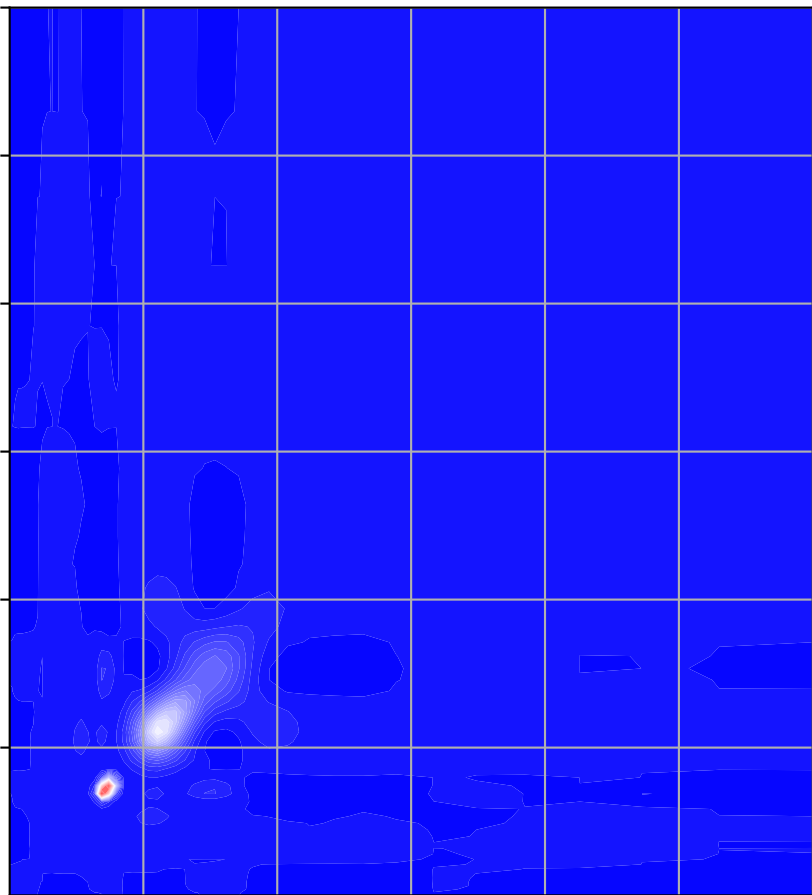
### Percent Deviation



Level covariance matrix

1e-28

Altitude [km]

120  
100  
80  
60  
40  
20

Altitude [km]

5.4  
4.8  
4.2  
3.6  
3.0  
2.4  
1.8  
1.2  
0.6  
0.0