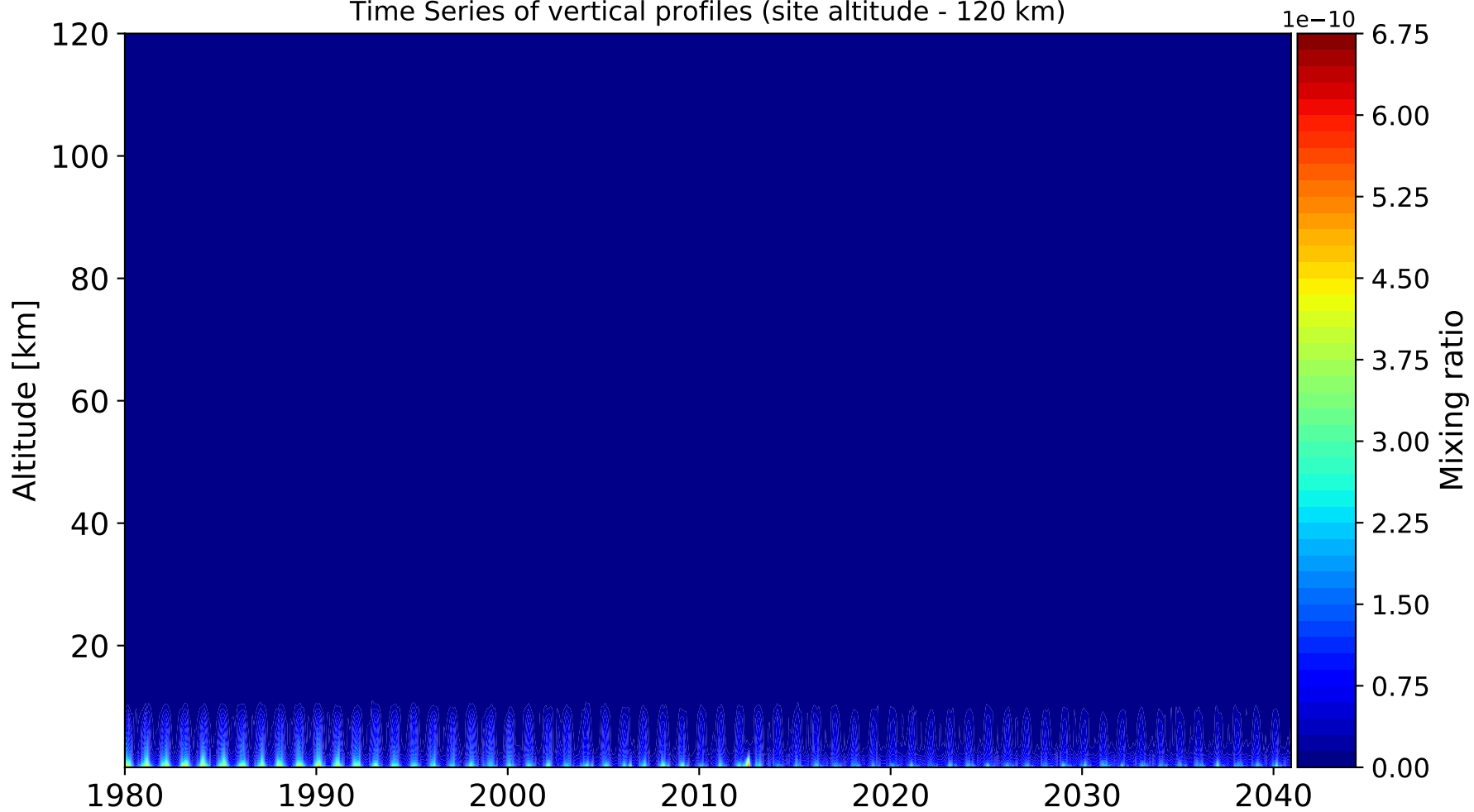
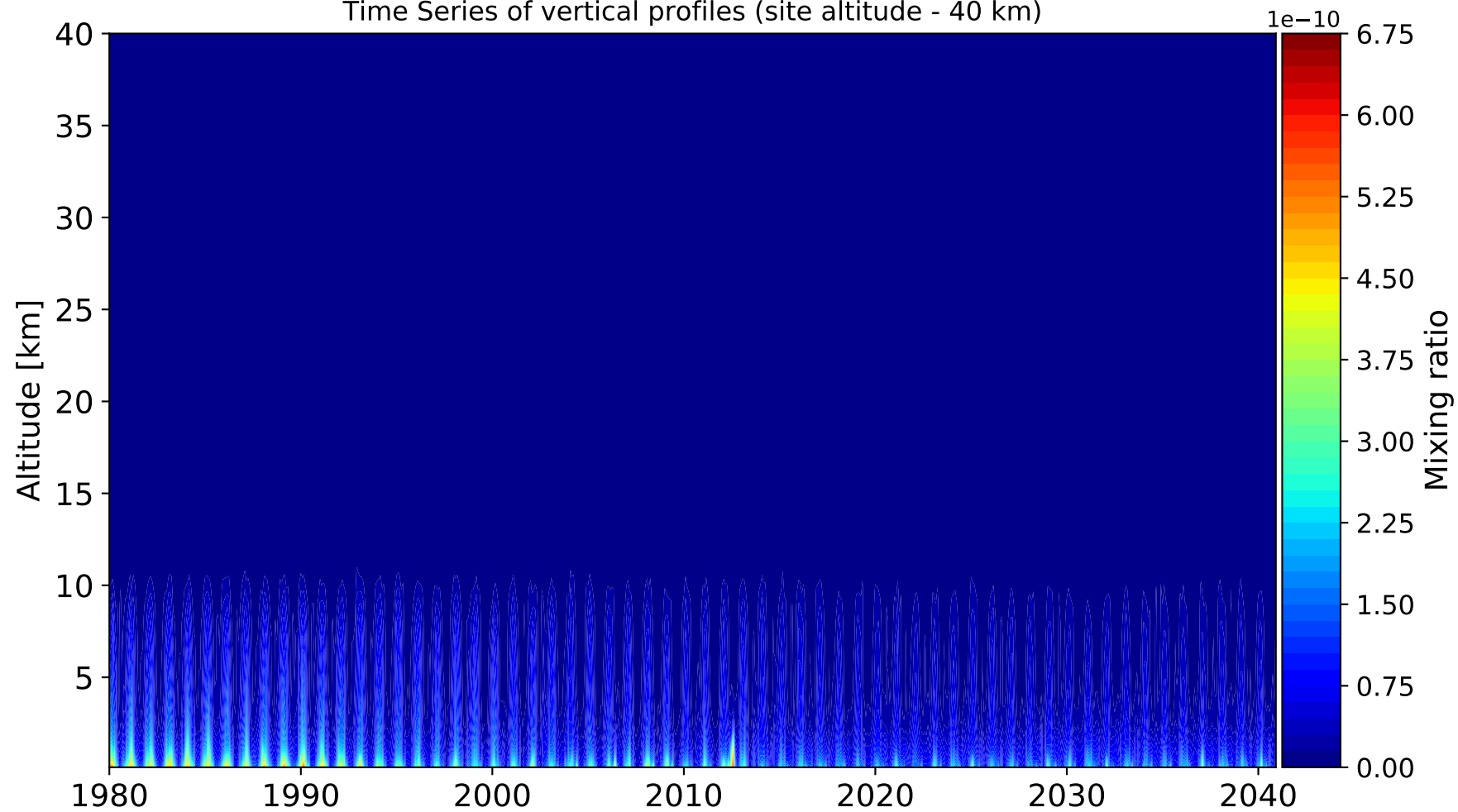


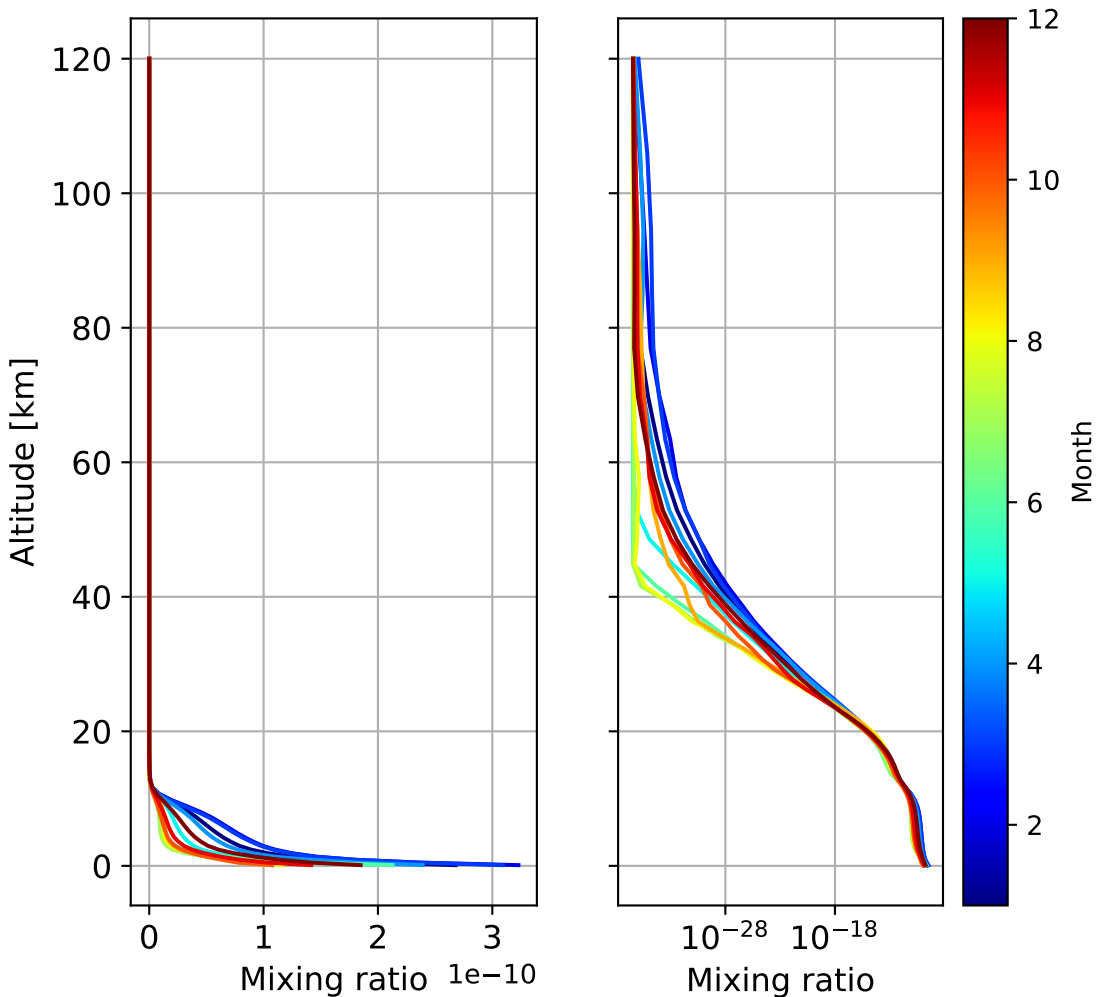
Time Series of vertical profiles (site altitude - 120 km)



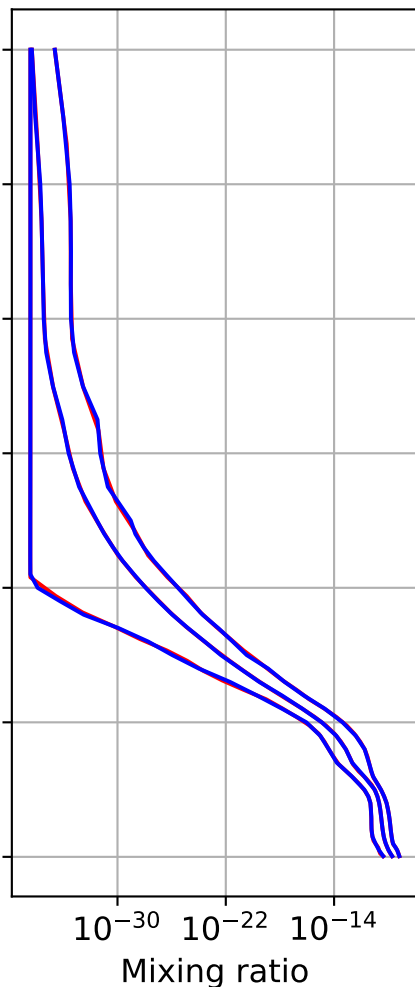
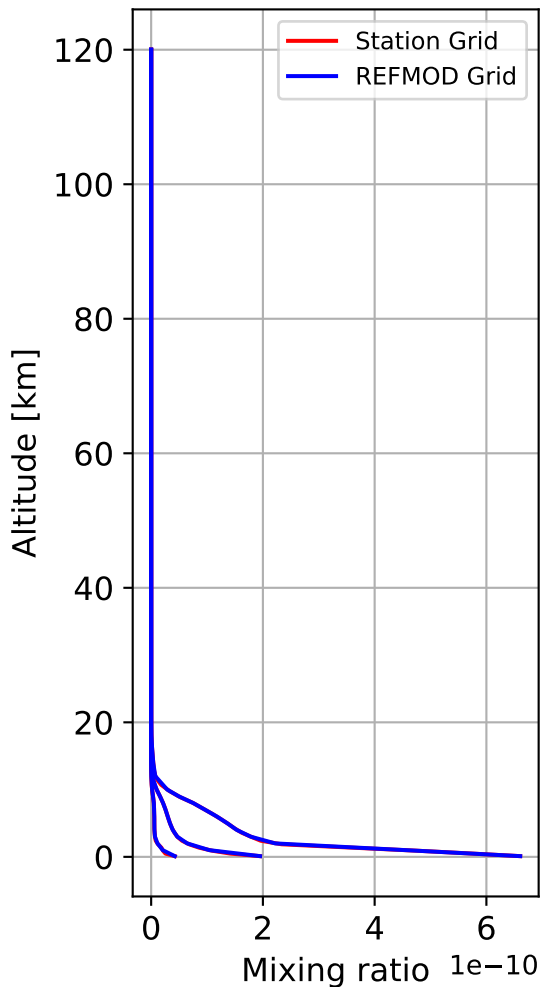
Time Series of vertical profiles (site altitude - 40 km)



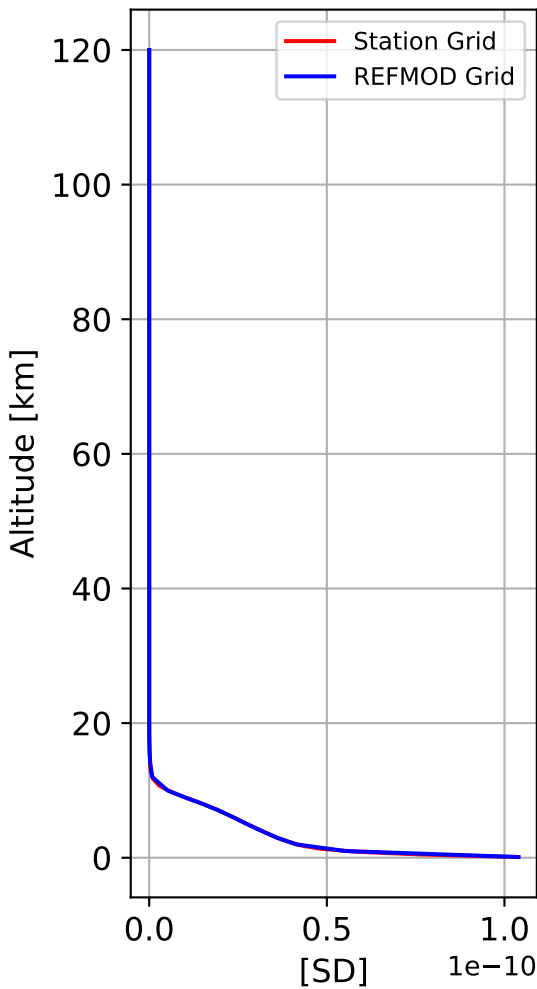
Monthly mean WACCM profile (interpolated to station grid)  
Tomsk, 56.475N, 85.046E, 0.106kmasl



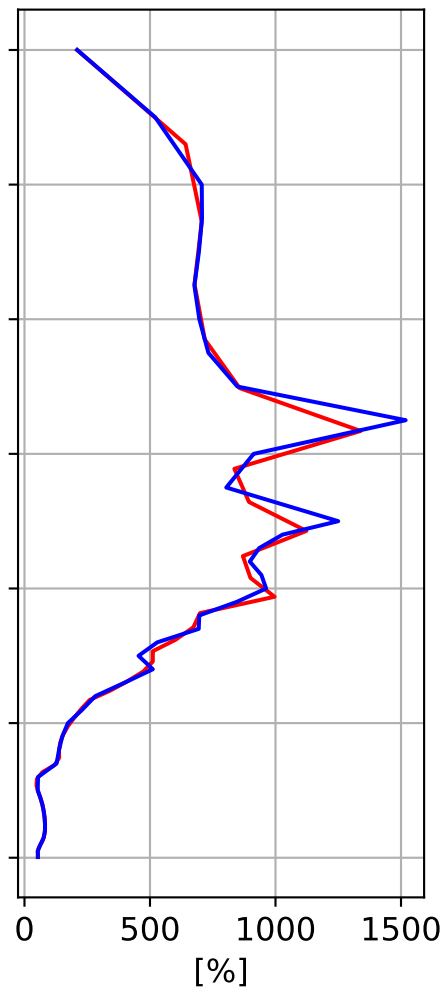
Min, Max, Mean of 732 profiles  
Tomsk, 56.475N, 85.046E, 0.106kmasl



Std. Deviation



Percent Deviation

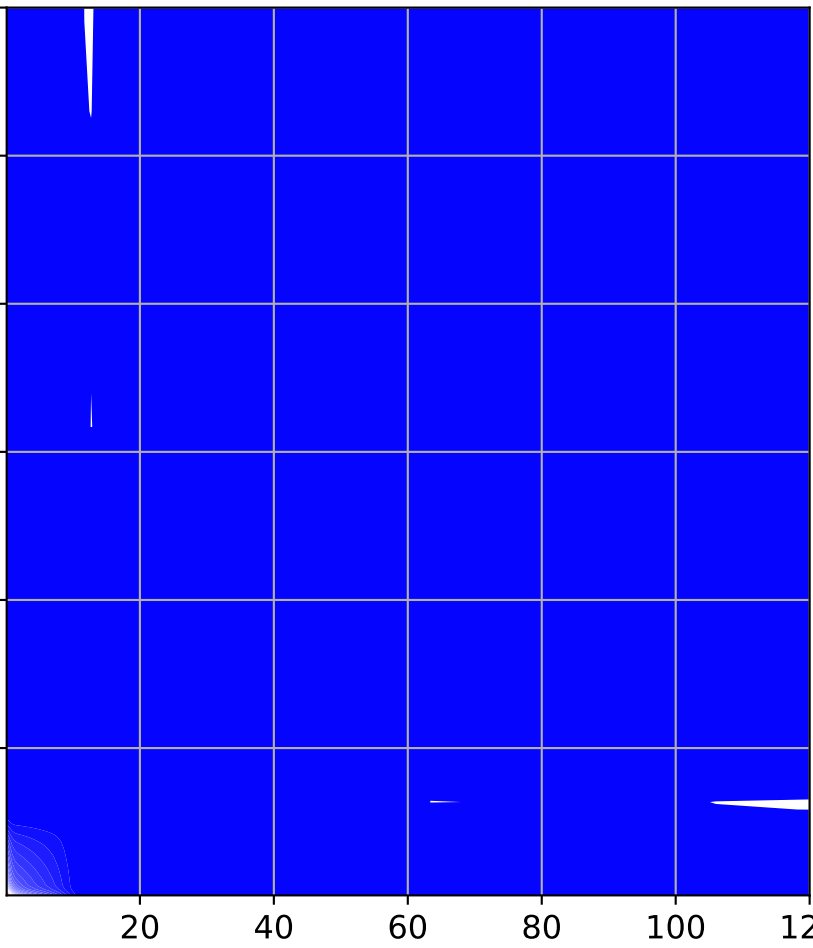


Level covariance matrix

$1e-20$

Altitude [km]

120  
100  
80  
60  
40  
20



1.000  
0.875  
0.750  
0.625  
0.500  
0.375  
0.250  
0.125  
0.000

Mixing ratio[ $\wedge$ 2]

Altitude [km]

20 40 60 80 100 120