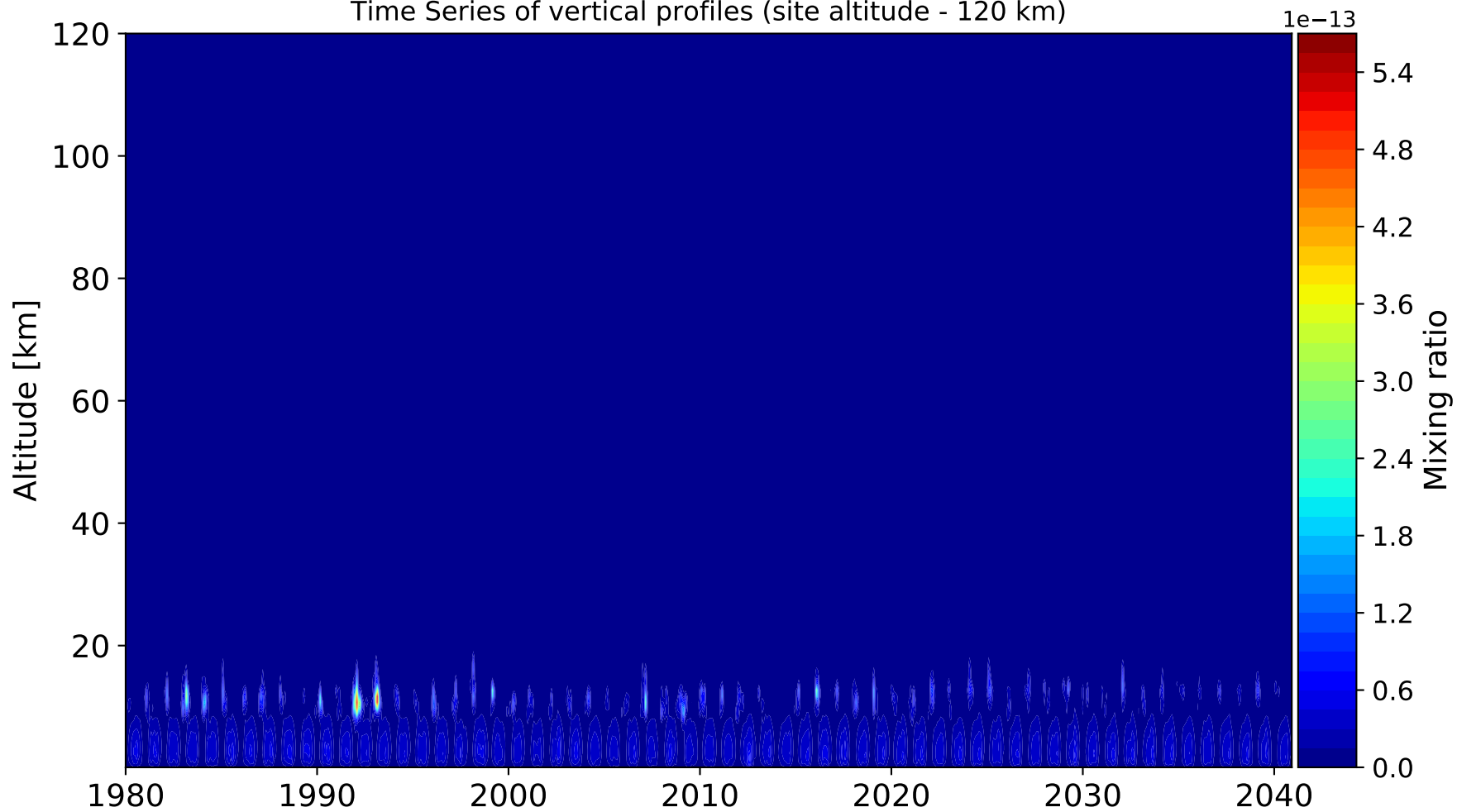


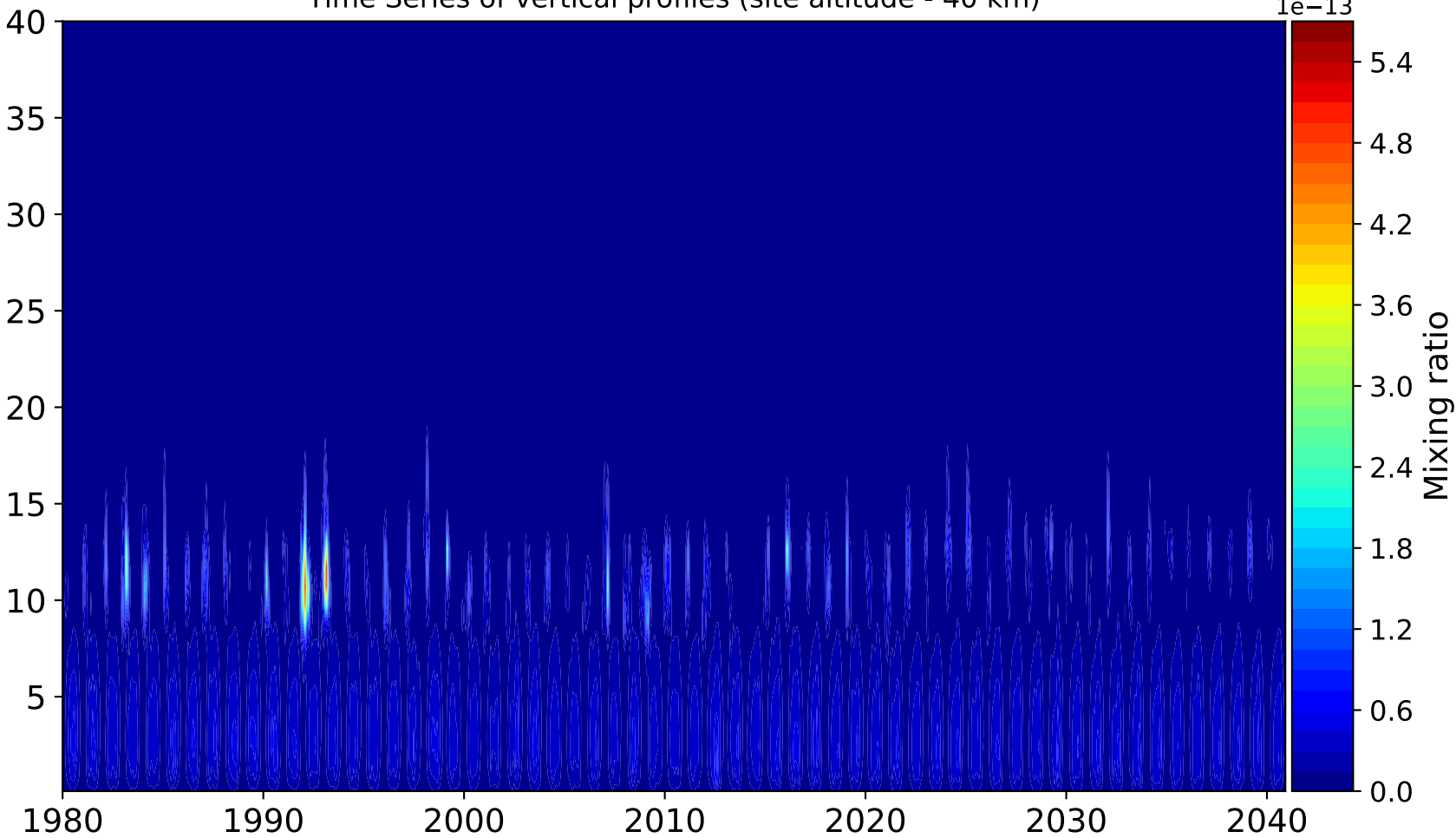
Time Series of vertical profiles (site altitude - 120 km)



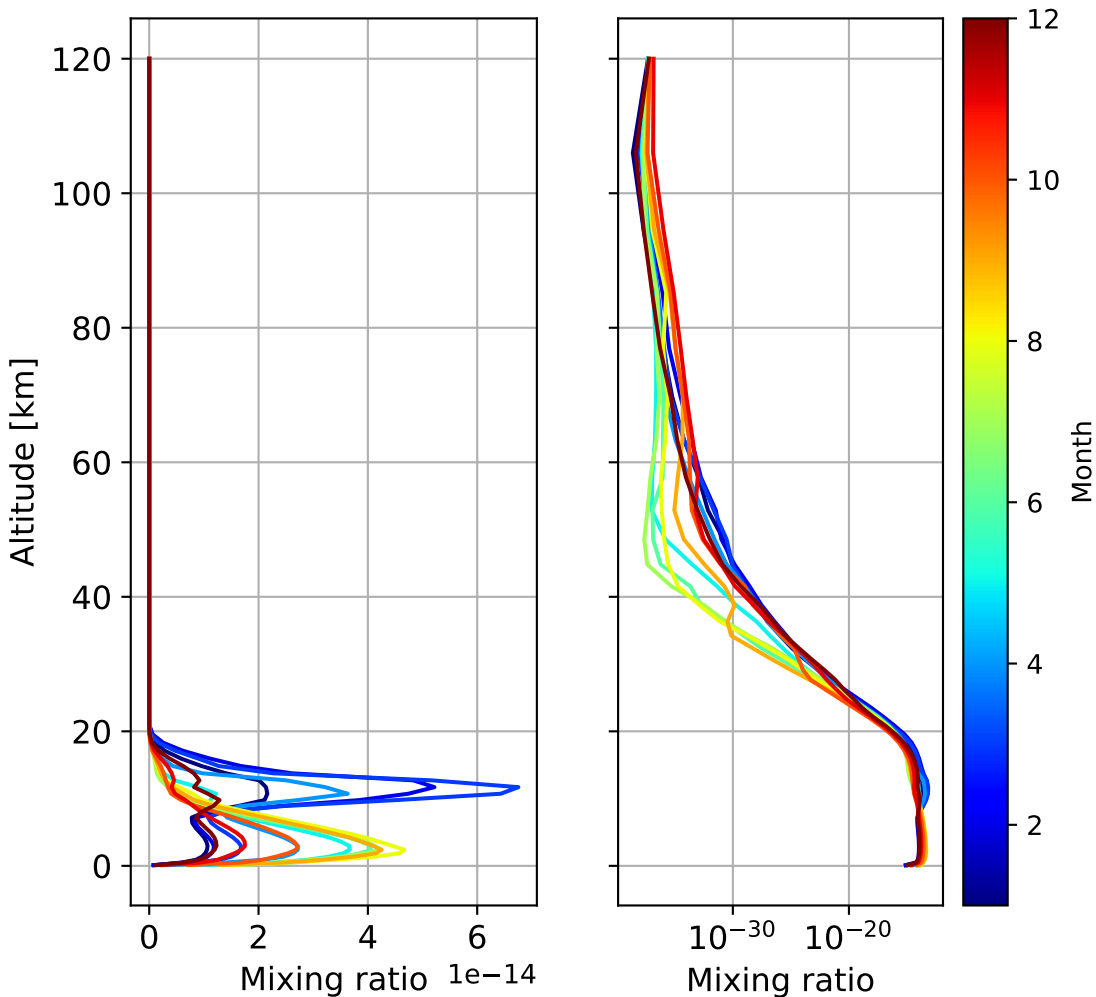
Time Series of vertical profiles (site altitude - 40 km)

$1e-13$

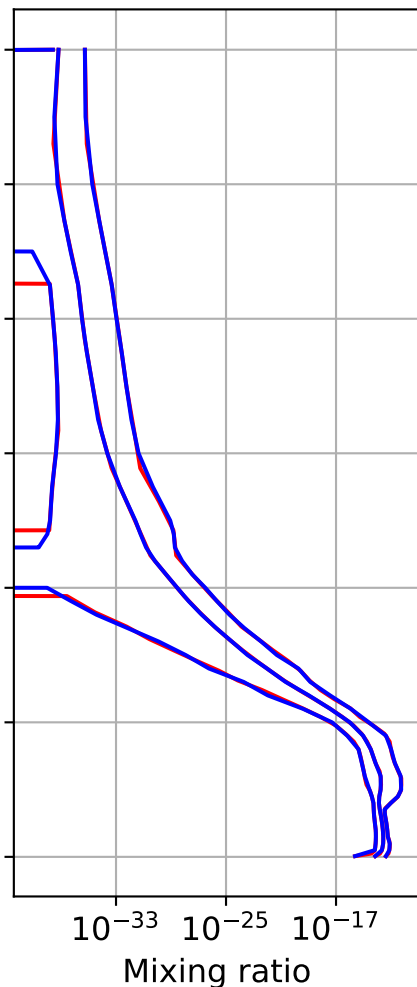
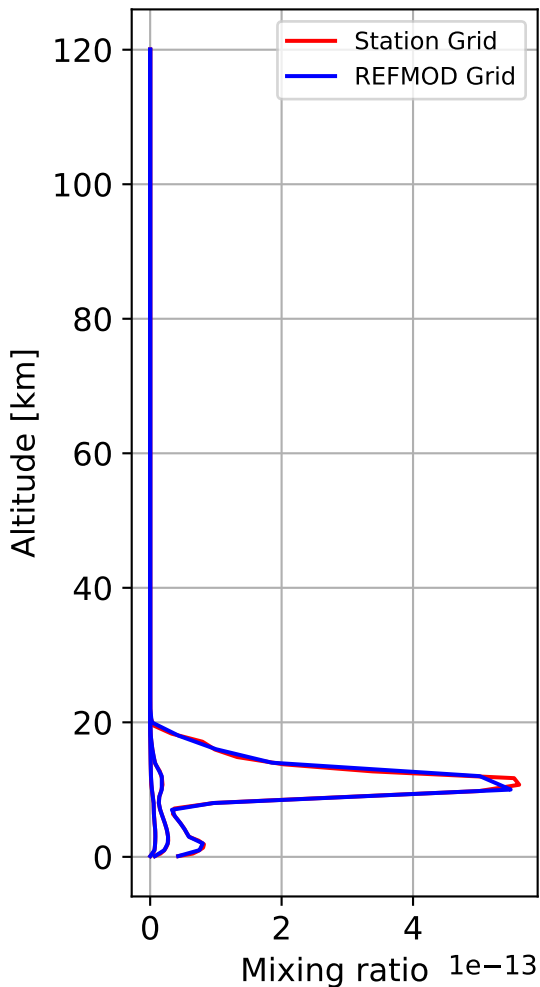
Altitude [km]



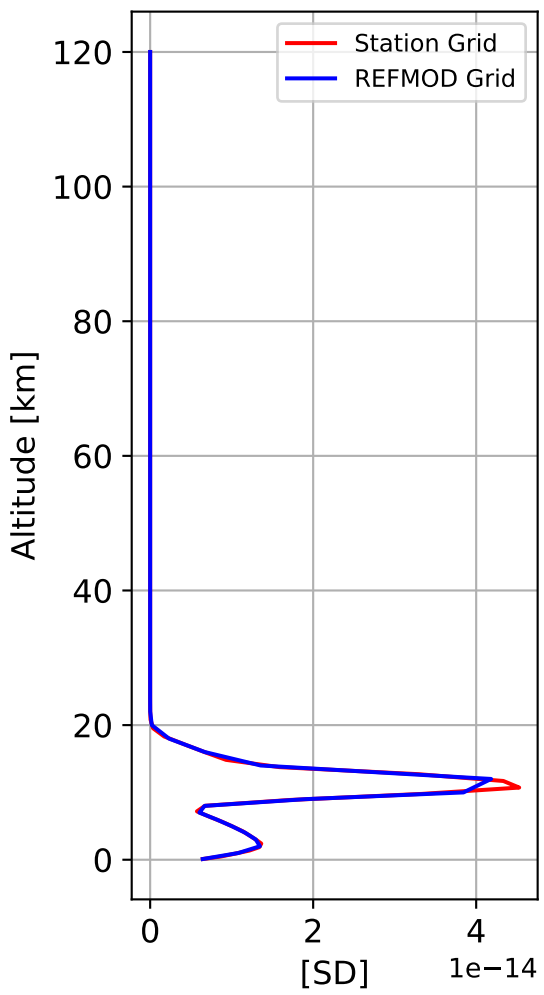
Monthly mean WACCM profile (interpolated to station grid)
Tomsk, 56.475N, 85.046E, 0.106kmasl



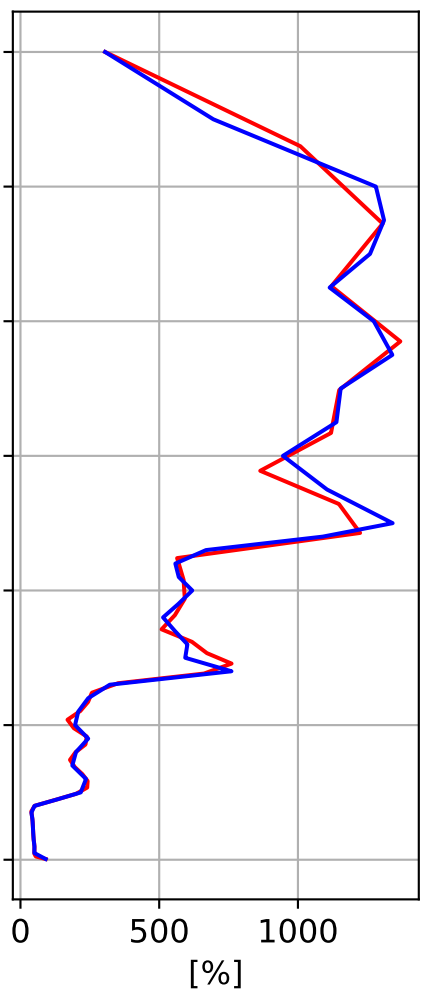
Min, Max, Mean of 732 profiles
Tomsk, 56.475N, 85.046E, 0.106kmasl



Std. Deviation



Percent Deviation



Level covariance matrix

1e-27

Altitude [km]

120
100
80
60
40
20

Altitude [km]

Mixing ratio[~ 2]

2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00

