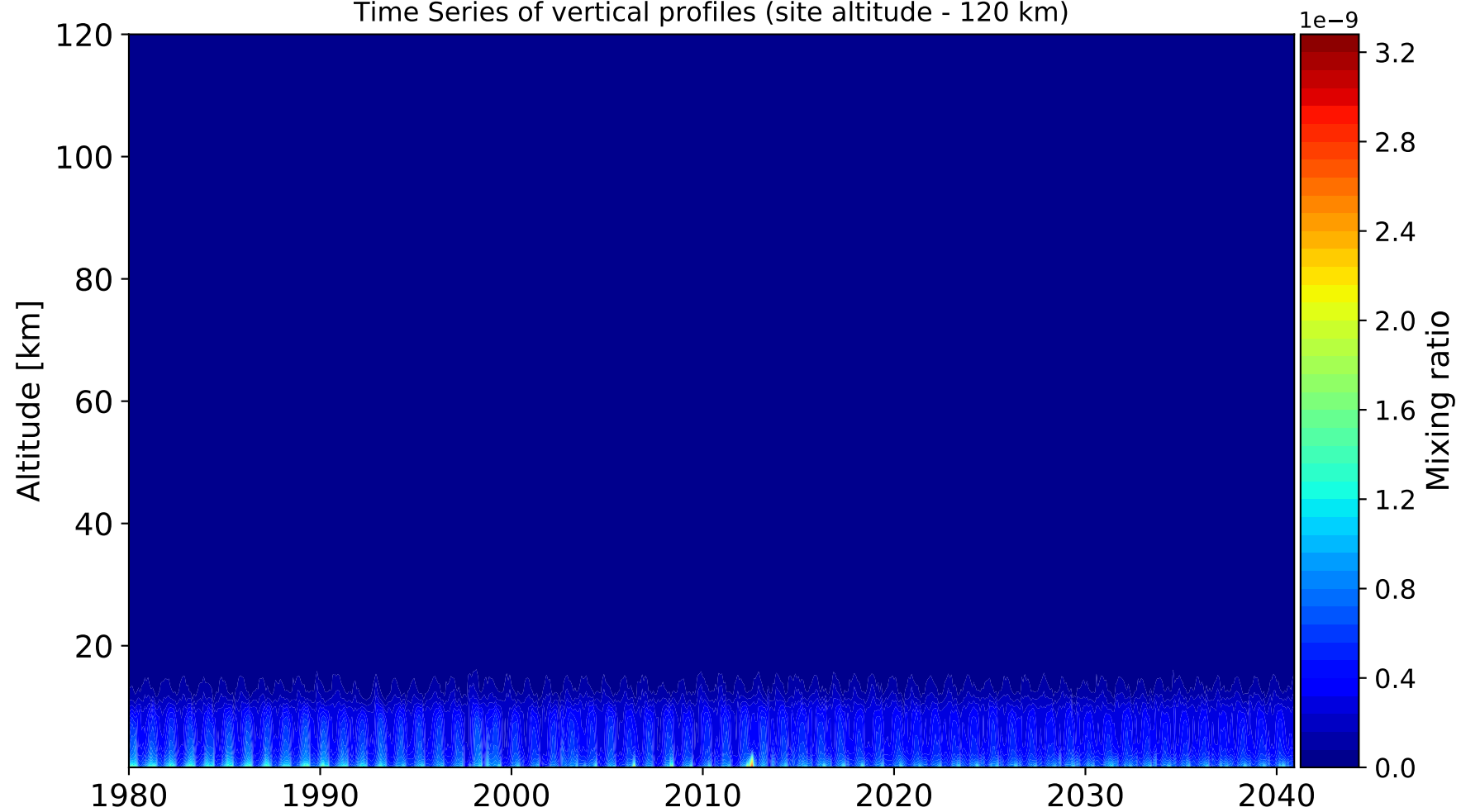
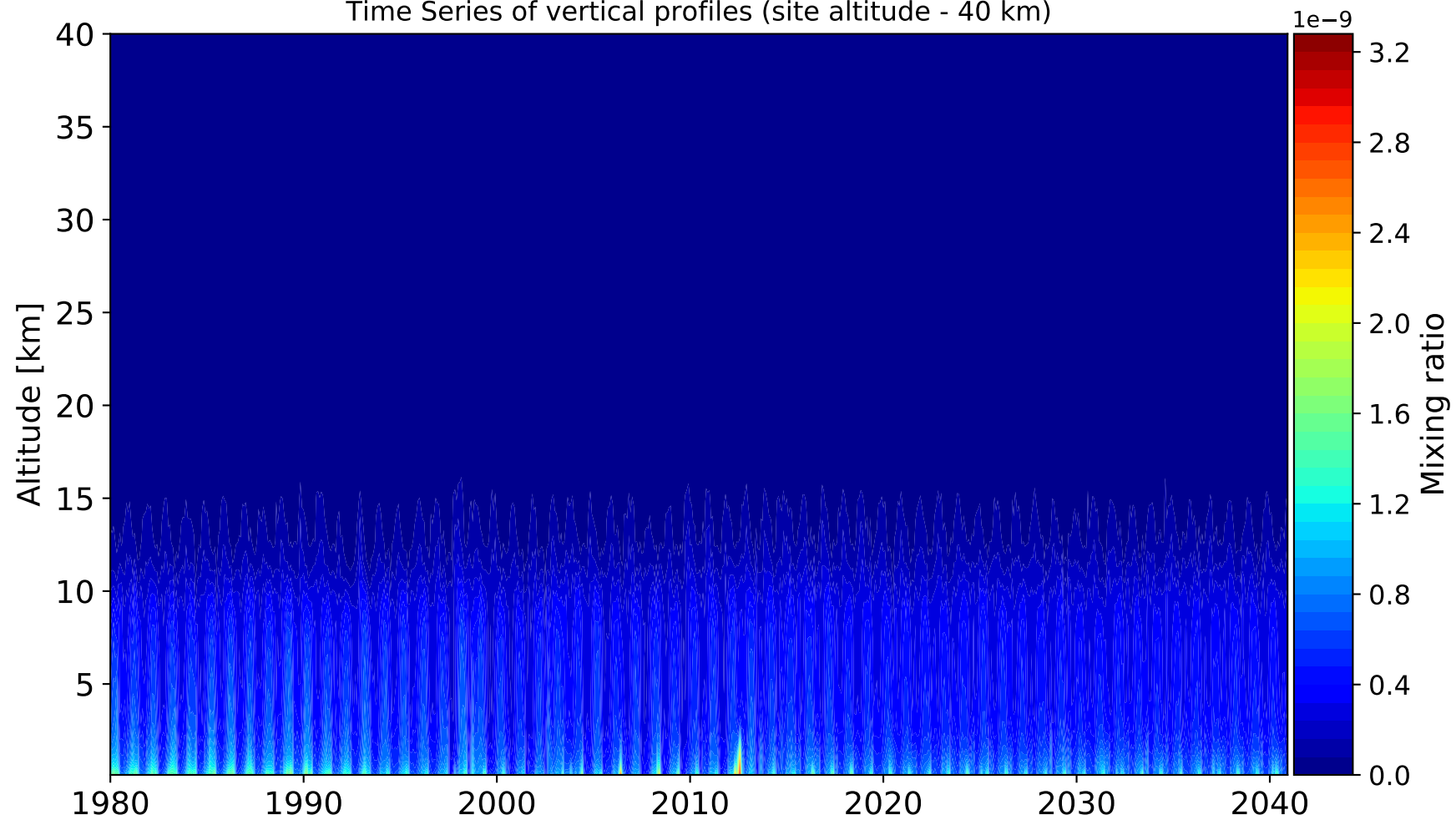


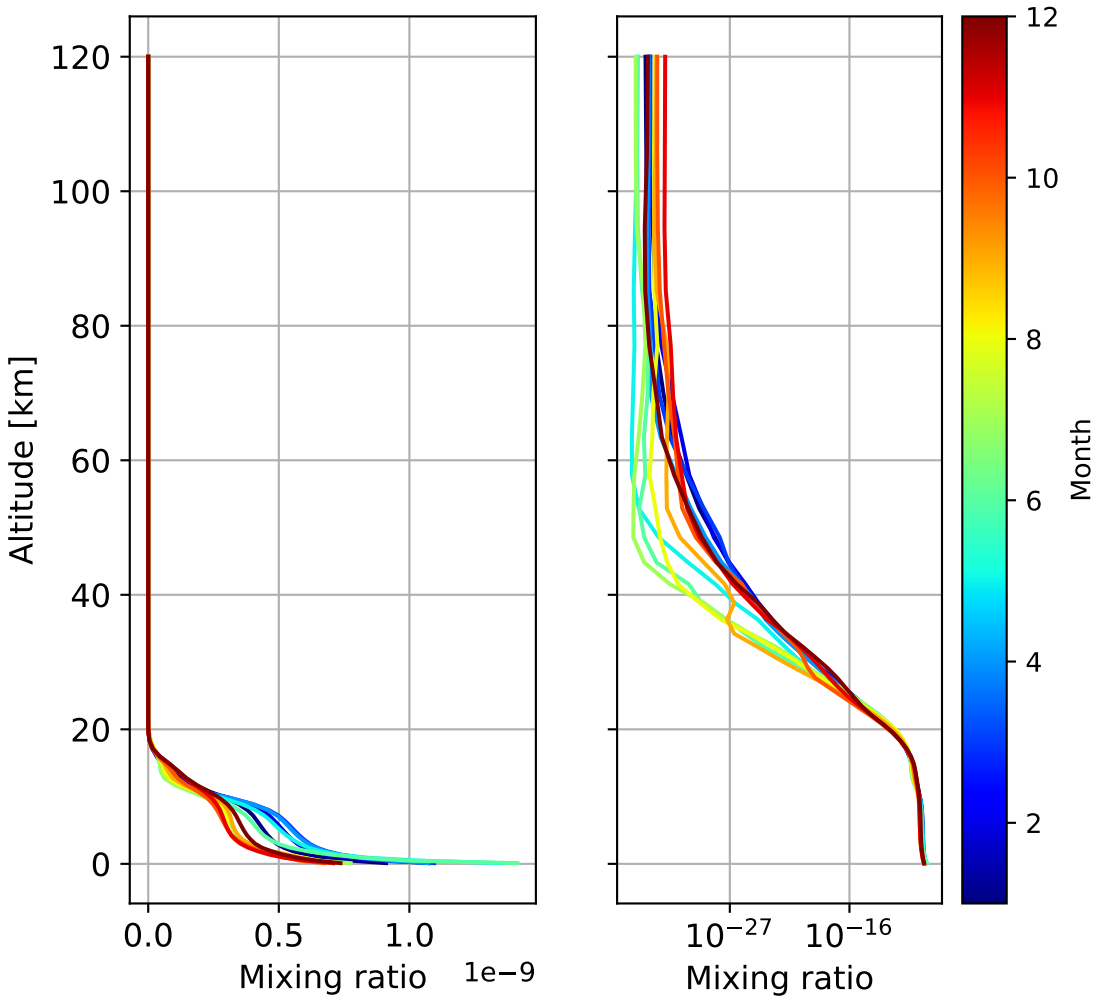
Time Series of vertical profiles (site altitude - 120 km)



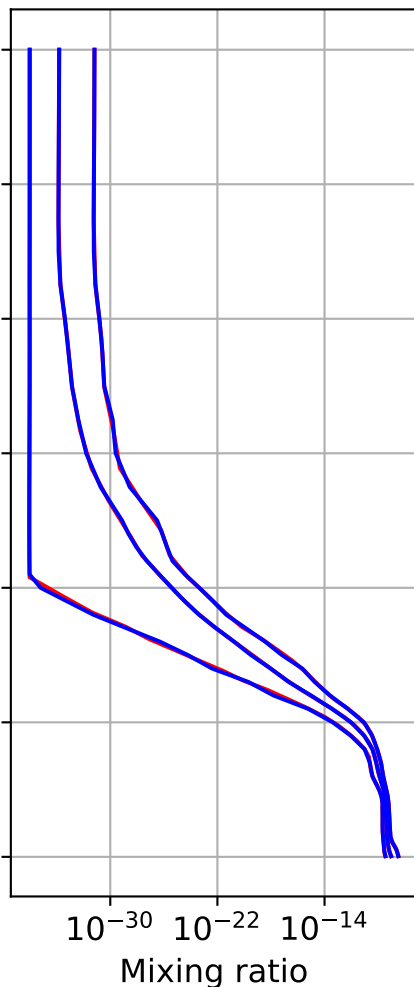
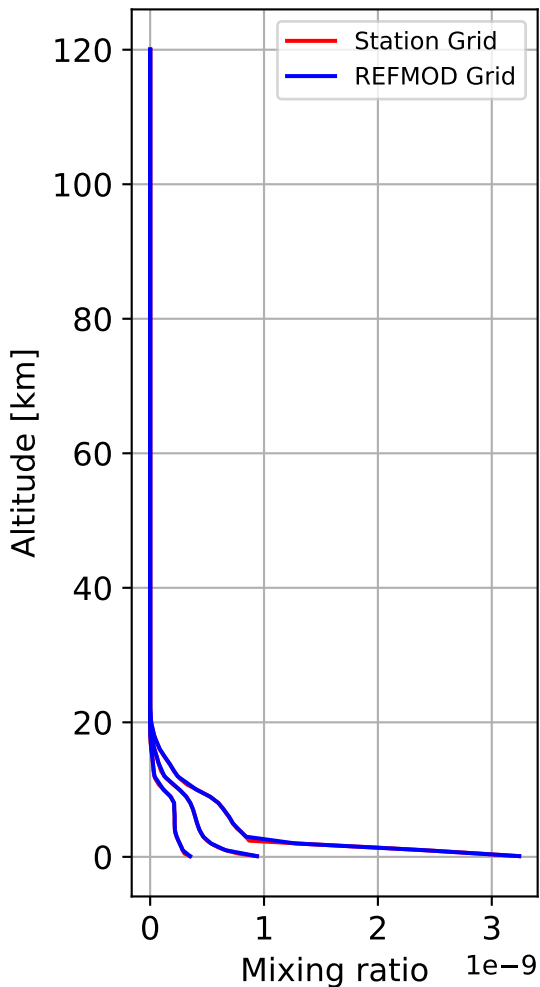
Time Series of vertical profiles (site altitude - 40 km)



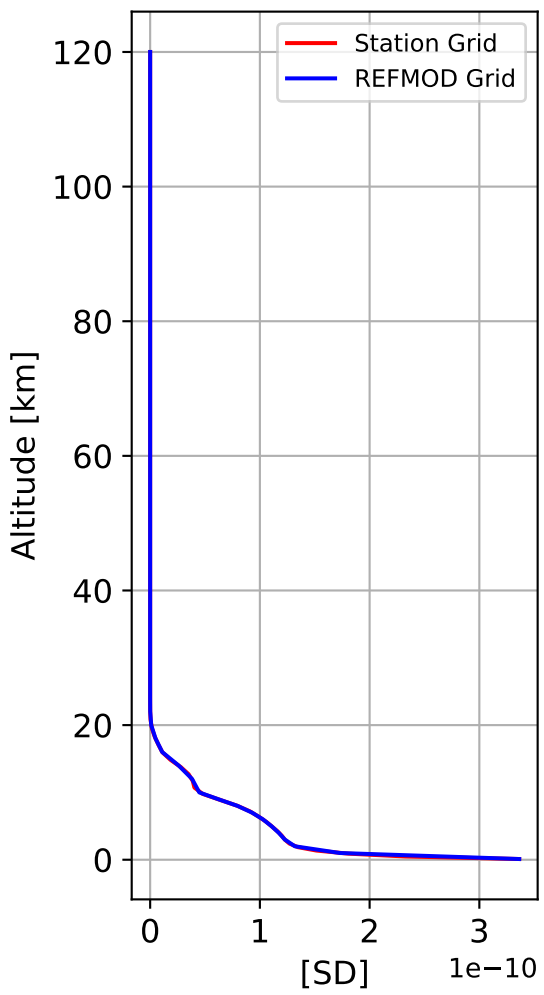
Monthly mean WACCM profile (interpolated to station grid) Tomsk, 56.475N, 85.046E, 0.106kmasl



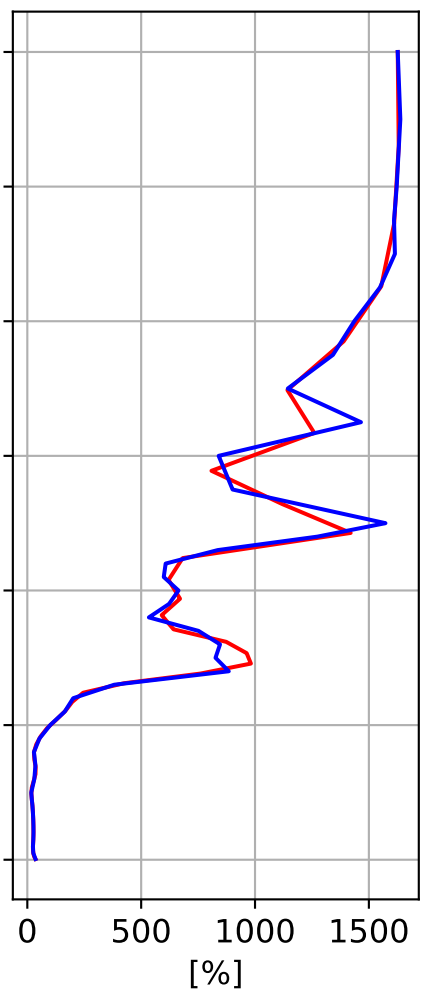
Min, Max, Mean of 732 profiles
Tomsk, 56.475N, 85.046E, 0.106kmasl



Std. Deviation



Percent Deviation

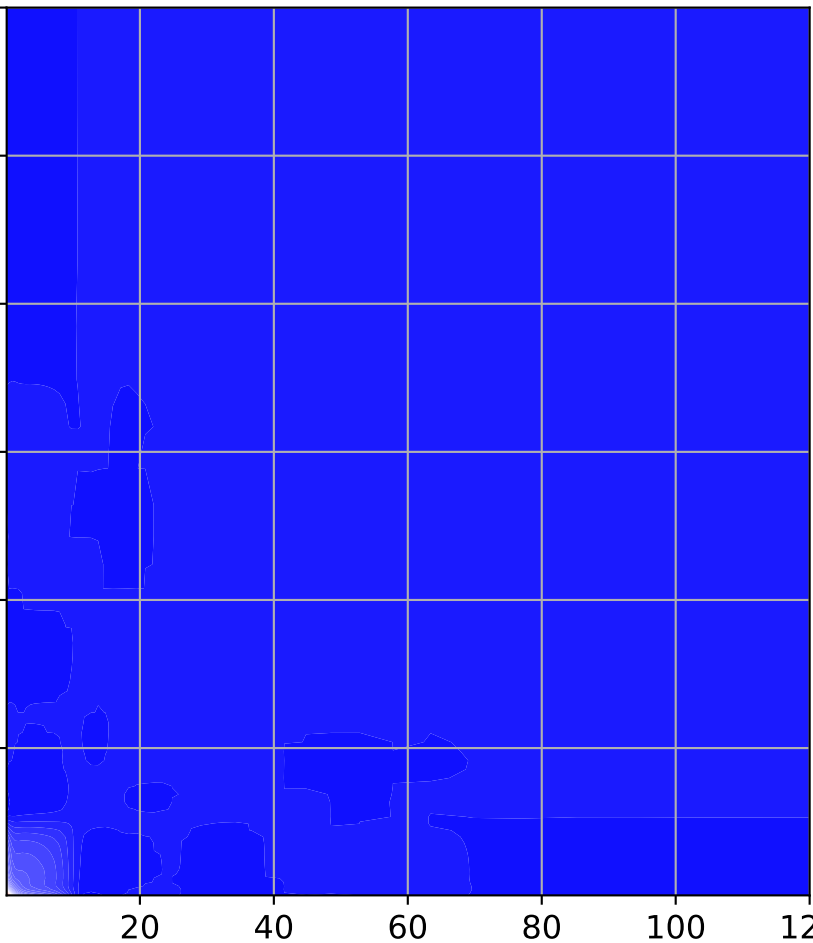


Level covariance matrix

$1e-19$

Altitude [km]

120
100
80
60
40
20



Altitude [km]

Mixing ratio²

1.125
1.000
0.875
0.750
0.625
0.500
0.375
0.250
0.125
0.000