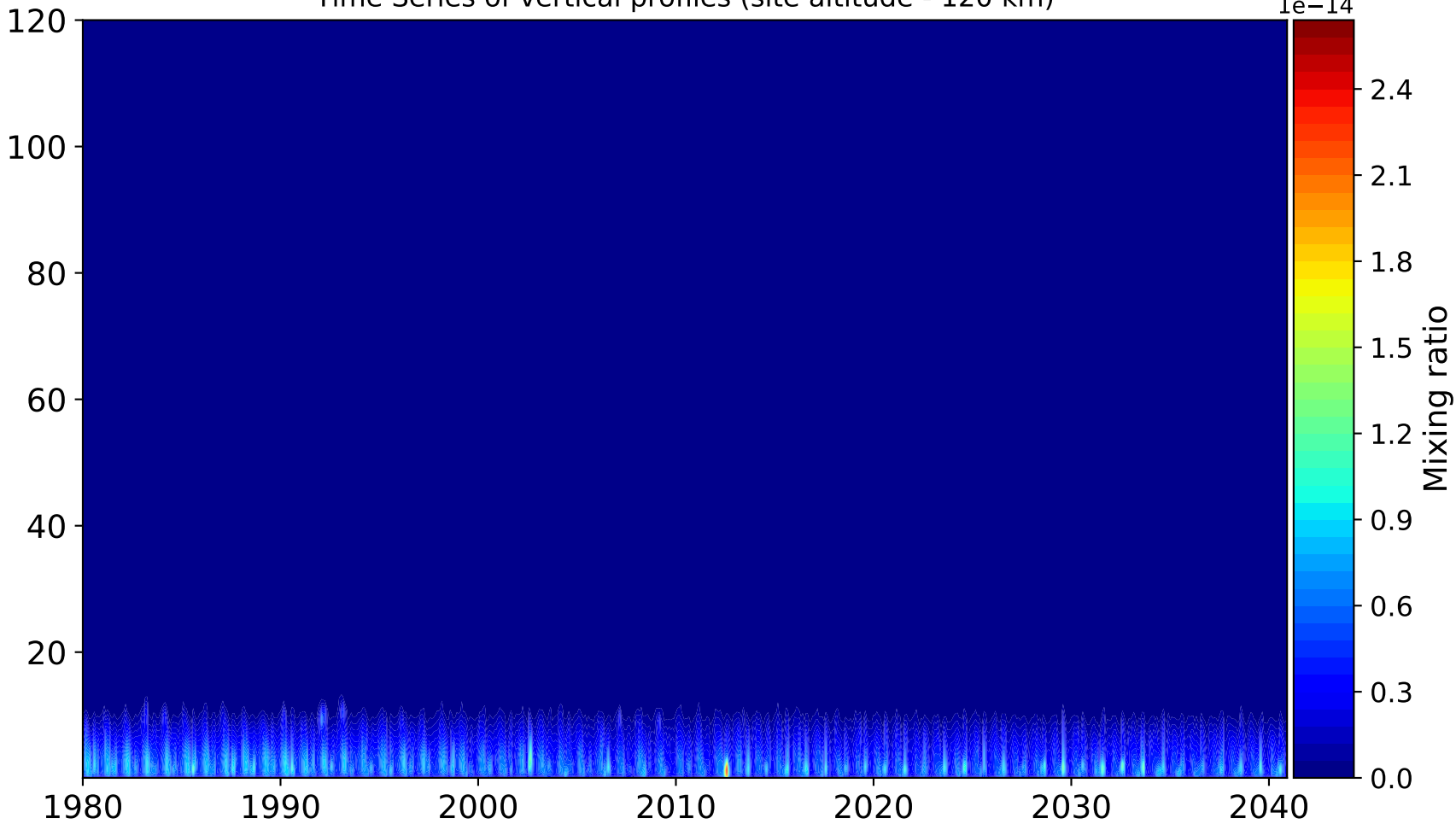
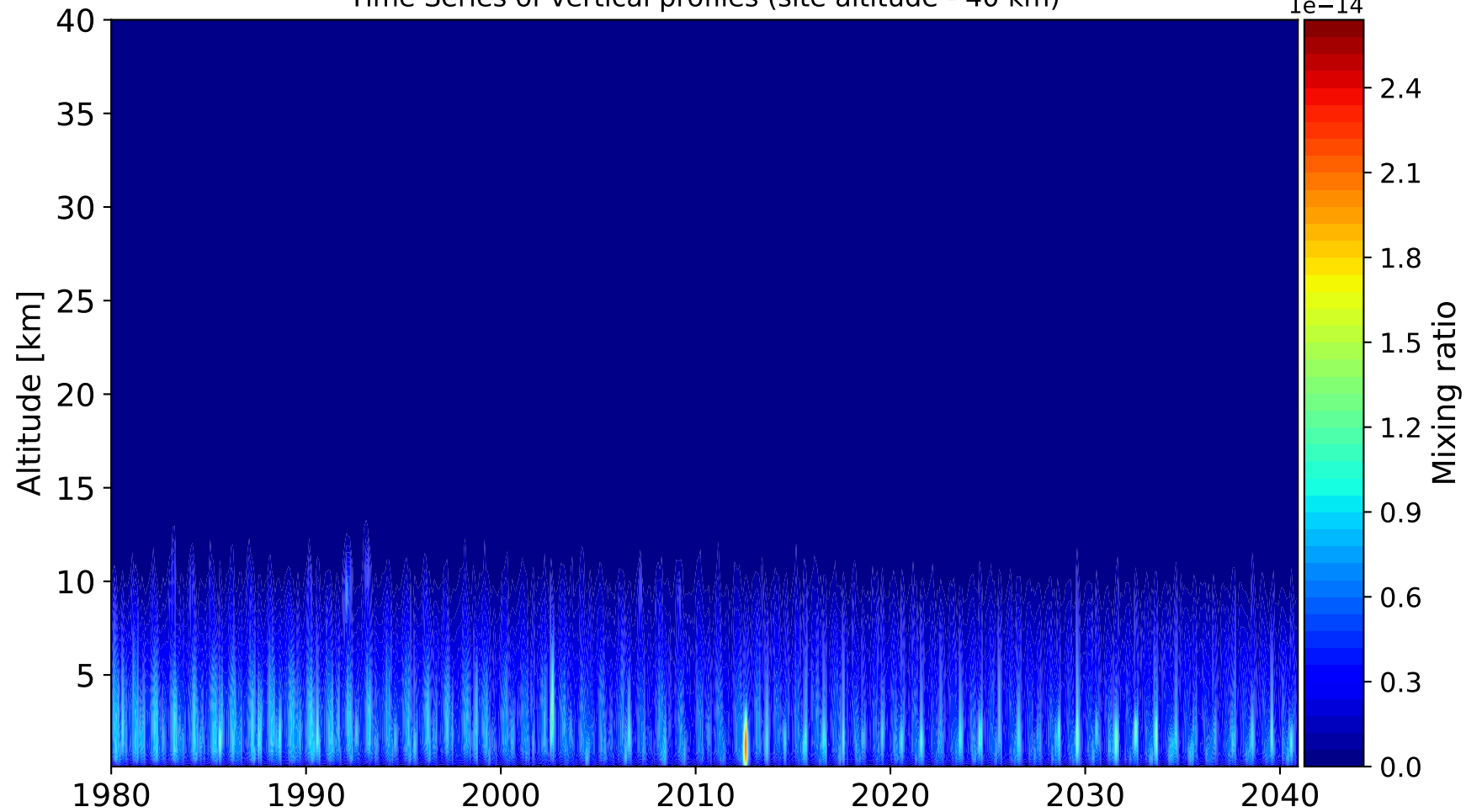


Time Series of vertical profiles (site altitude - 120 km)

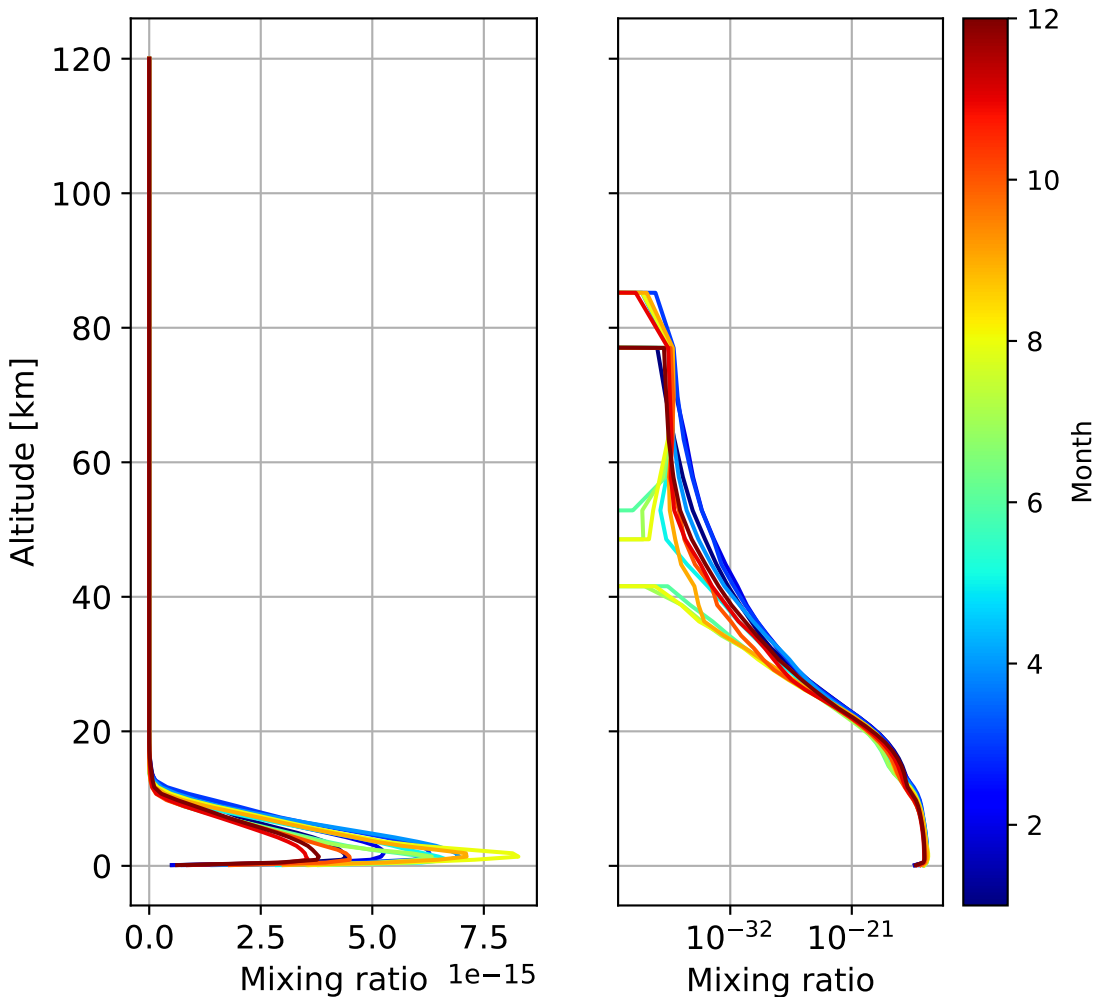
Altitude [km]



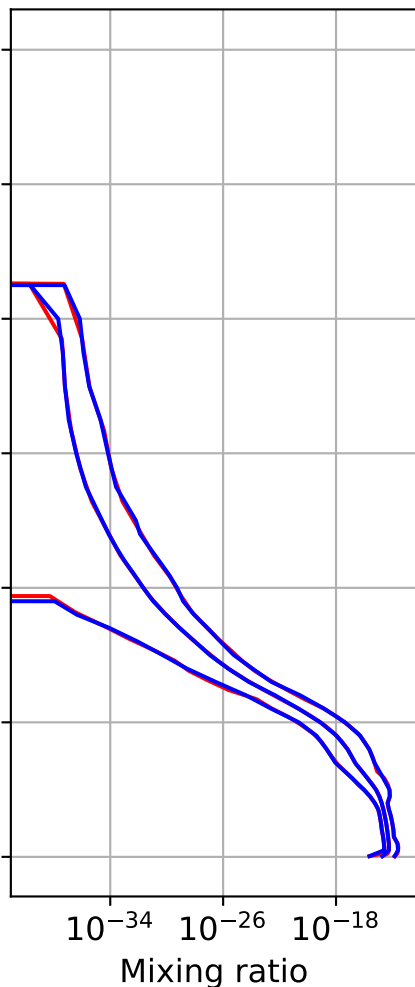
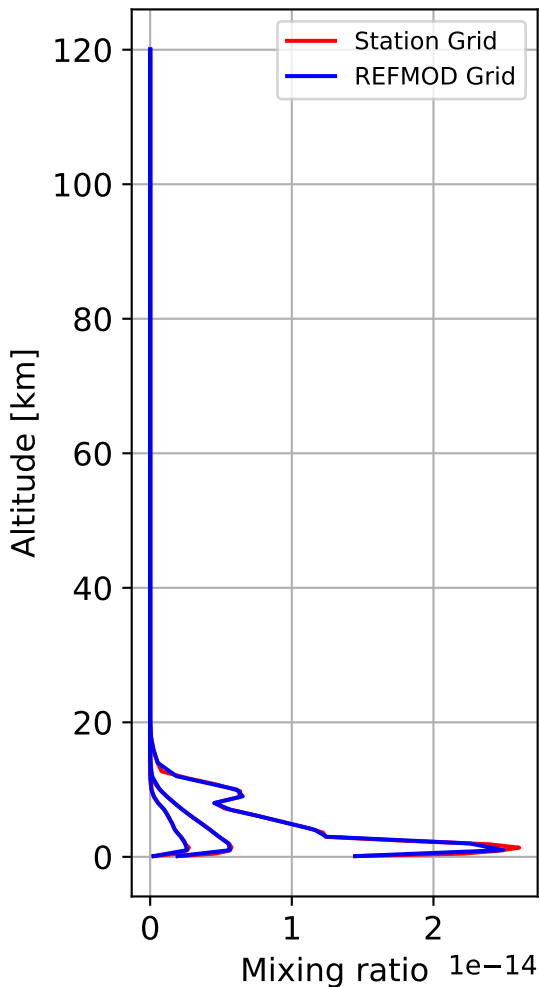
Time Series of vertical profiles (site altitude - 40 km)



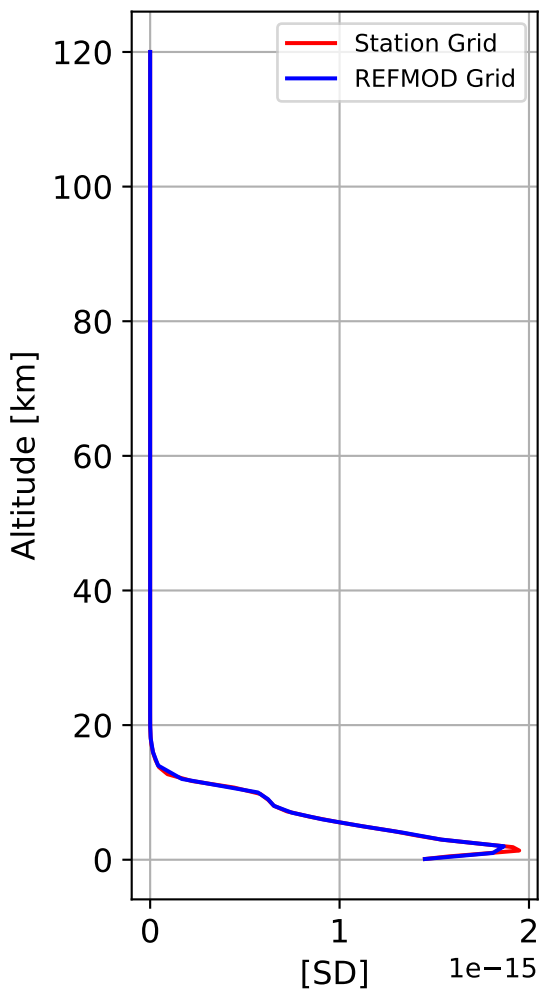
Monthly mean WACCM profile (interpolated to station grid)
Tomsk, 56.475N, 85.046E, 0.106kmasl



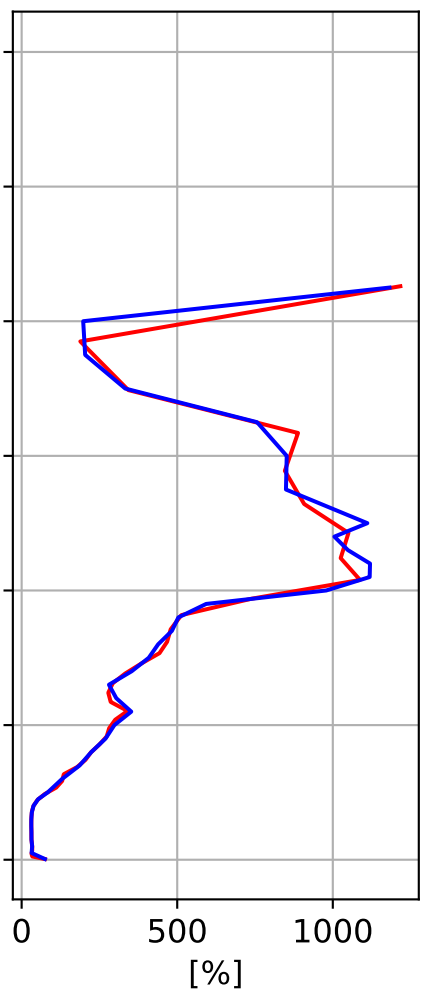
Min, Max, Mean of 732 profiles
Tomsk, 56.475N, 85.046E, 0.106kmasl



Std. Deviation



Percent Deviation

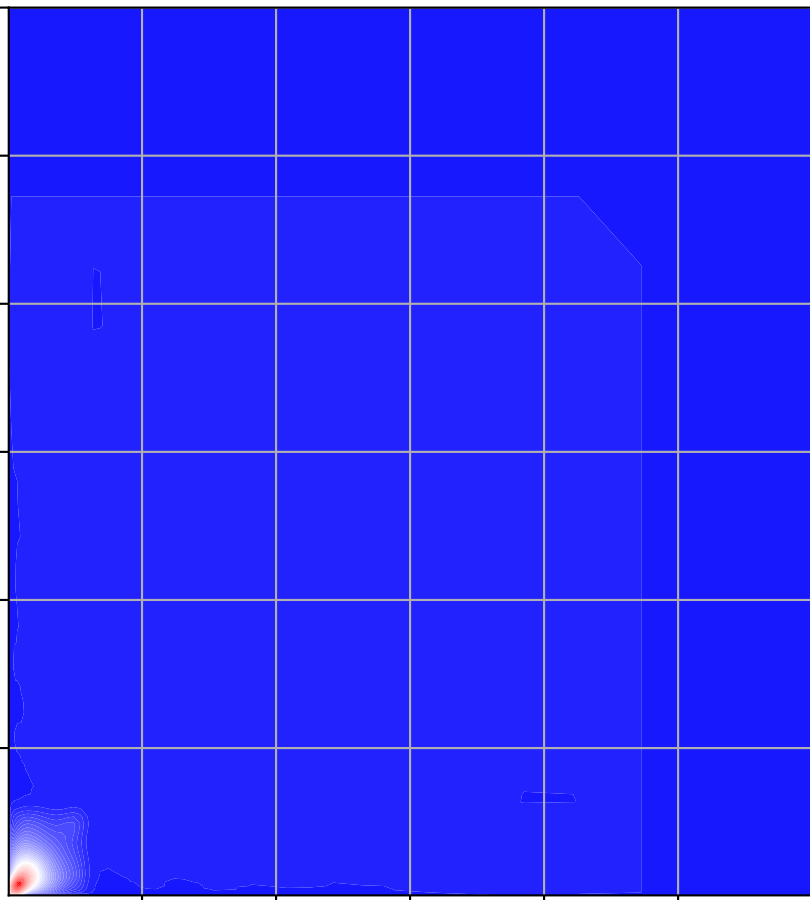


Level covariance matrix

$1e-30$

Altitude [km]

120
100
80
60
40
20



Altitude [km]

Mixing ratio[~ 2]

3.84
3.36
2.88
2.40
1.92
1.44
0.96
0.48
0.00