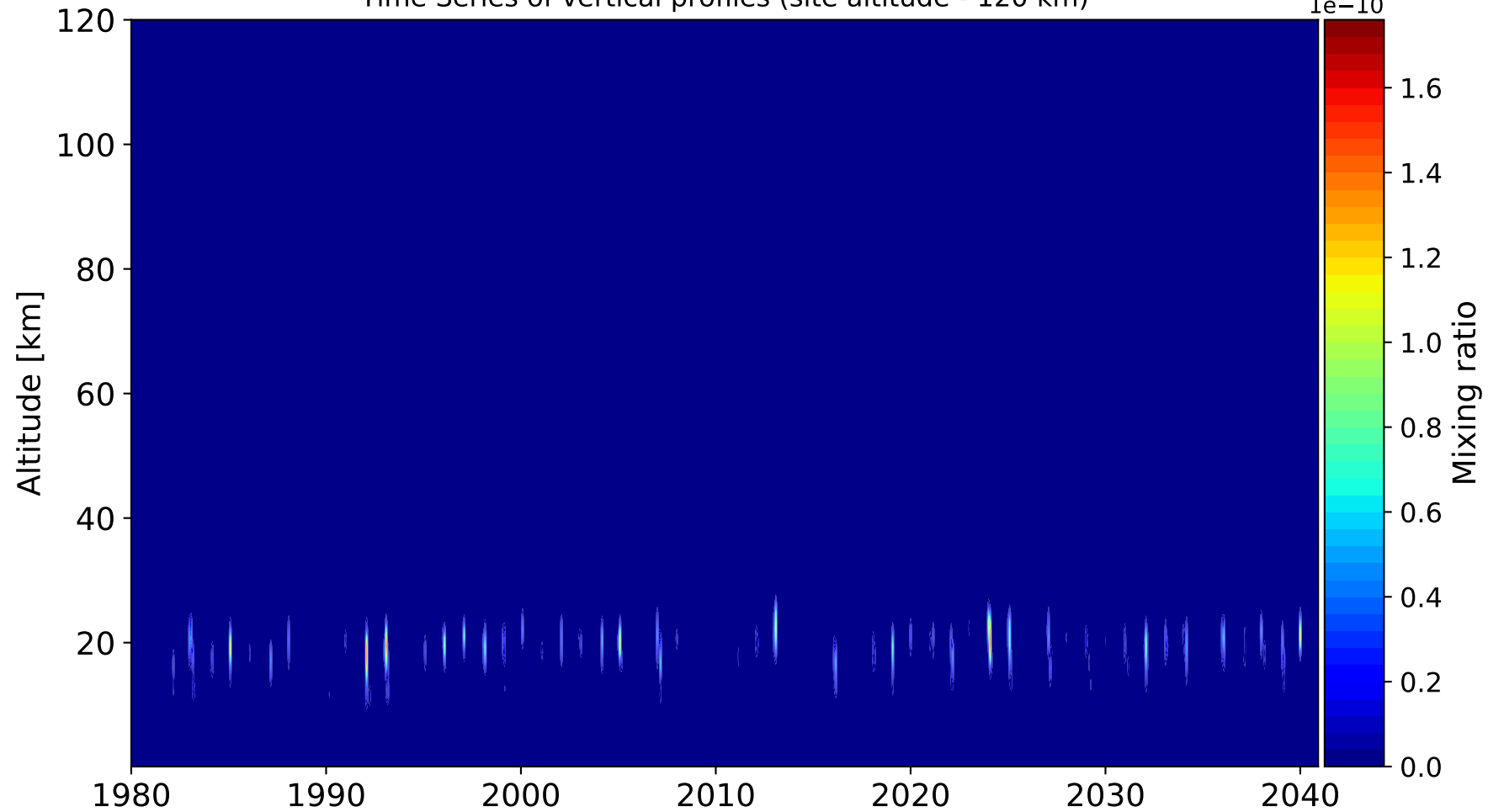
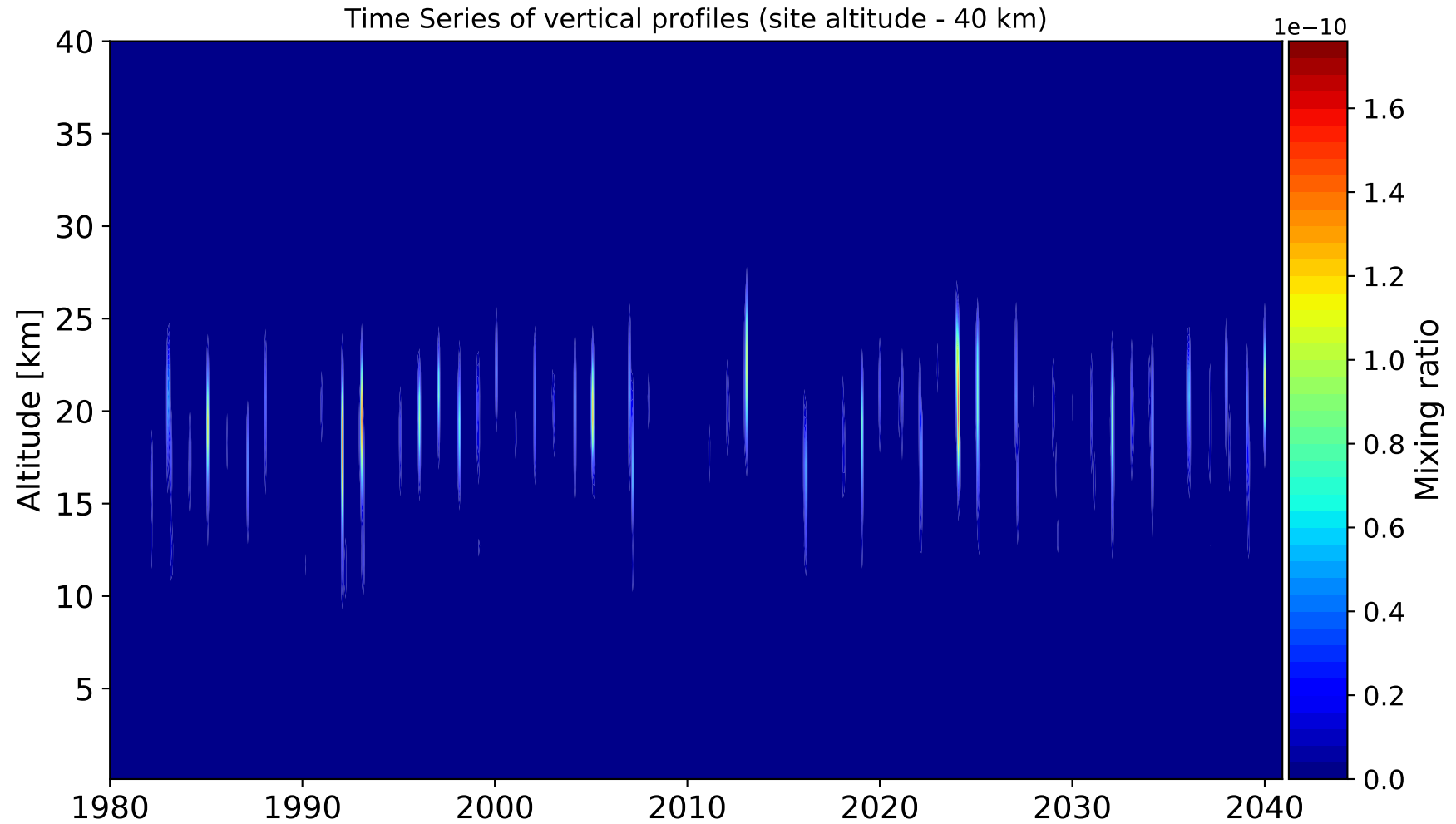


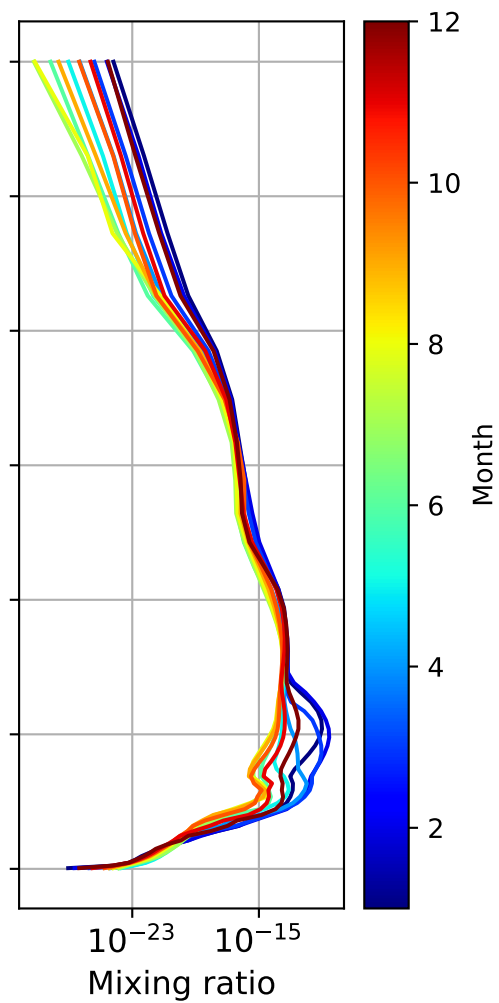
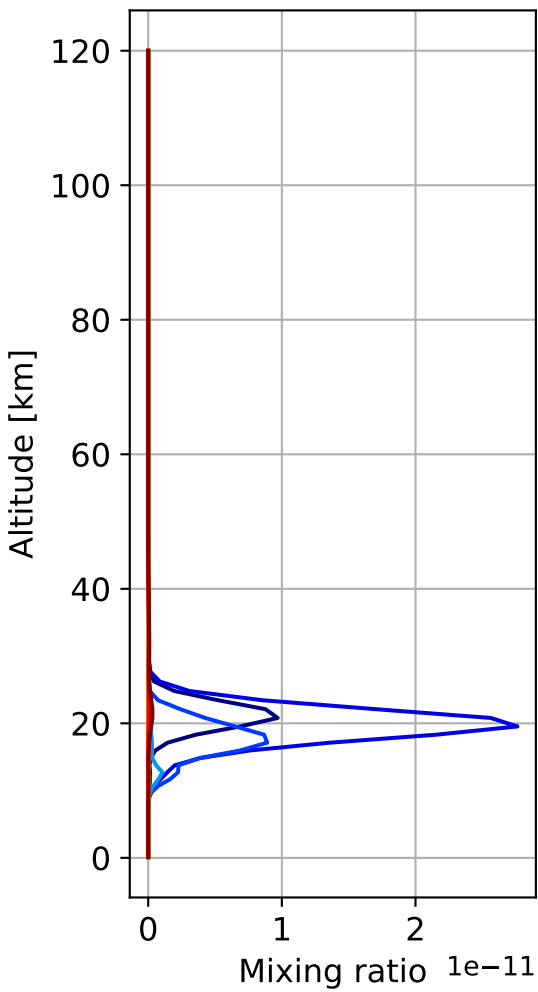
Time Series of vertical profiles (site altitude - 120 km)



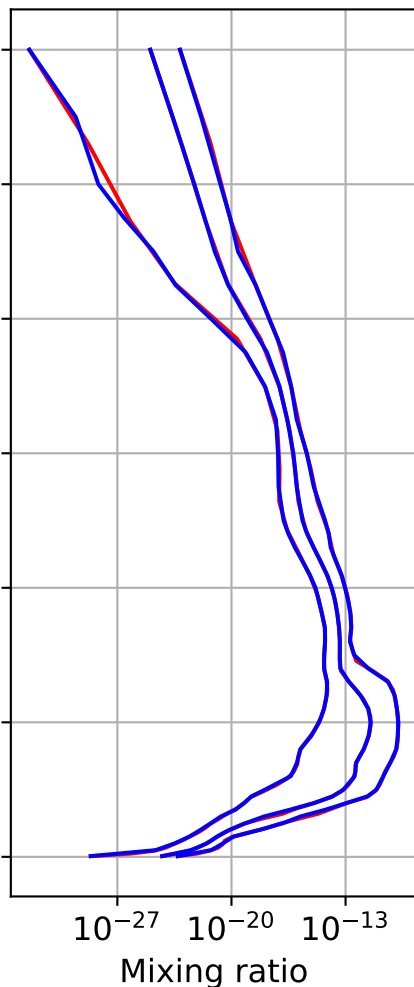
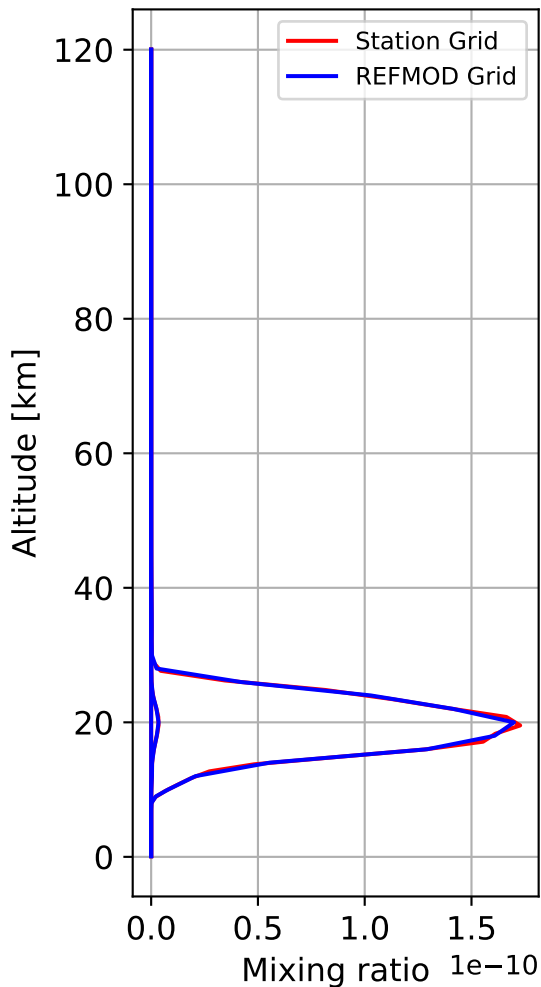
Time Series of vertical profiles (site altitude - 40 km)



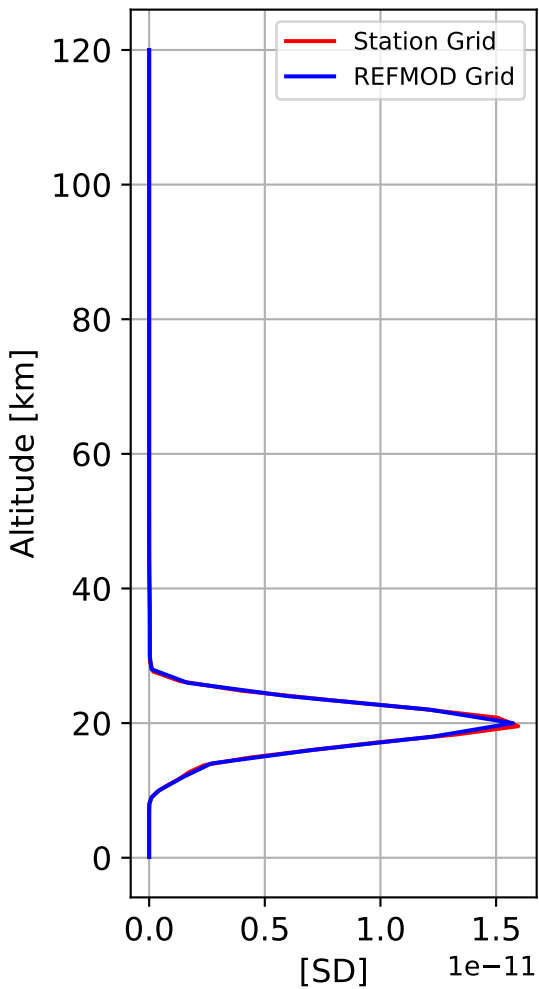
Monthly mean WACCM profile (interpolated to station grid) Tomsk, 56.475N, 85.046E, 0.106kmasl



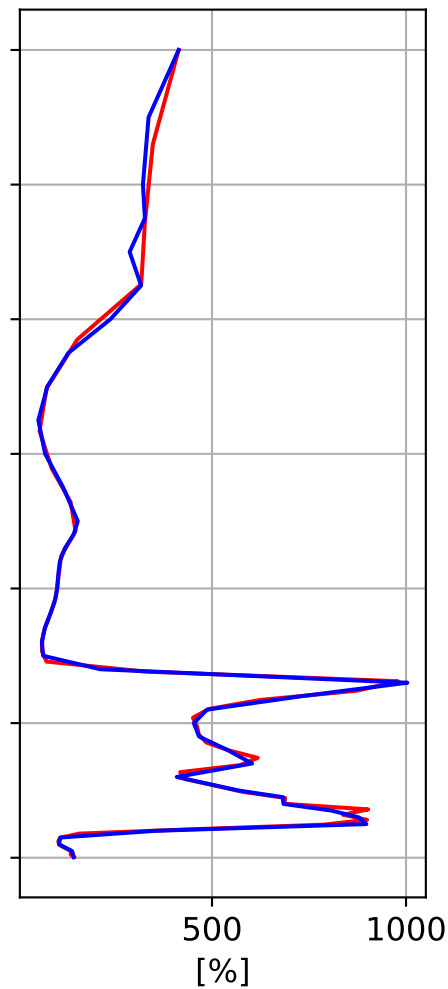
Min, Max, Mean of 732 profiles
Tomsk, 56.475N, 85.046E, 0.106kmasl



Std. Deviation



Percent Deviation

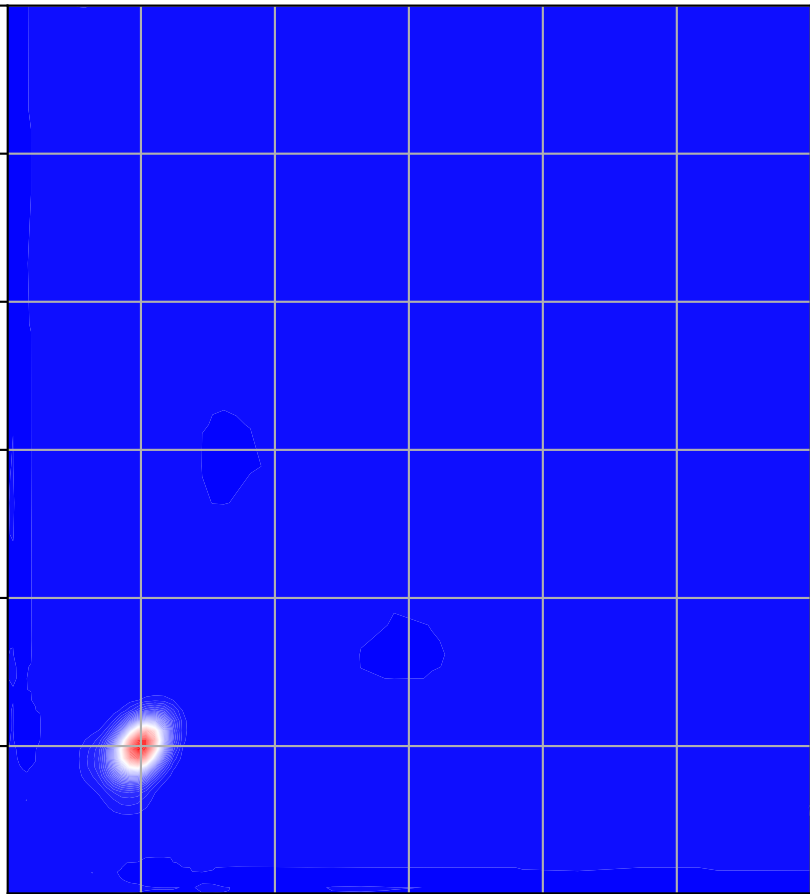


Level covariance matrix

$1e-22$

Altitude [km]

120
100
80
60
40
20



Mixing ratio²

2.4
2.1
1.8
1.5
1.2
0.9
0.6
0.3
0.0

Altitude [km]