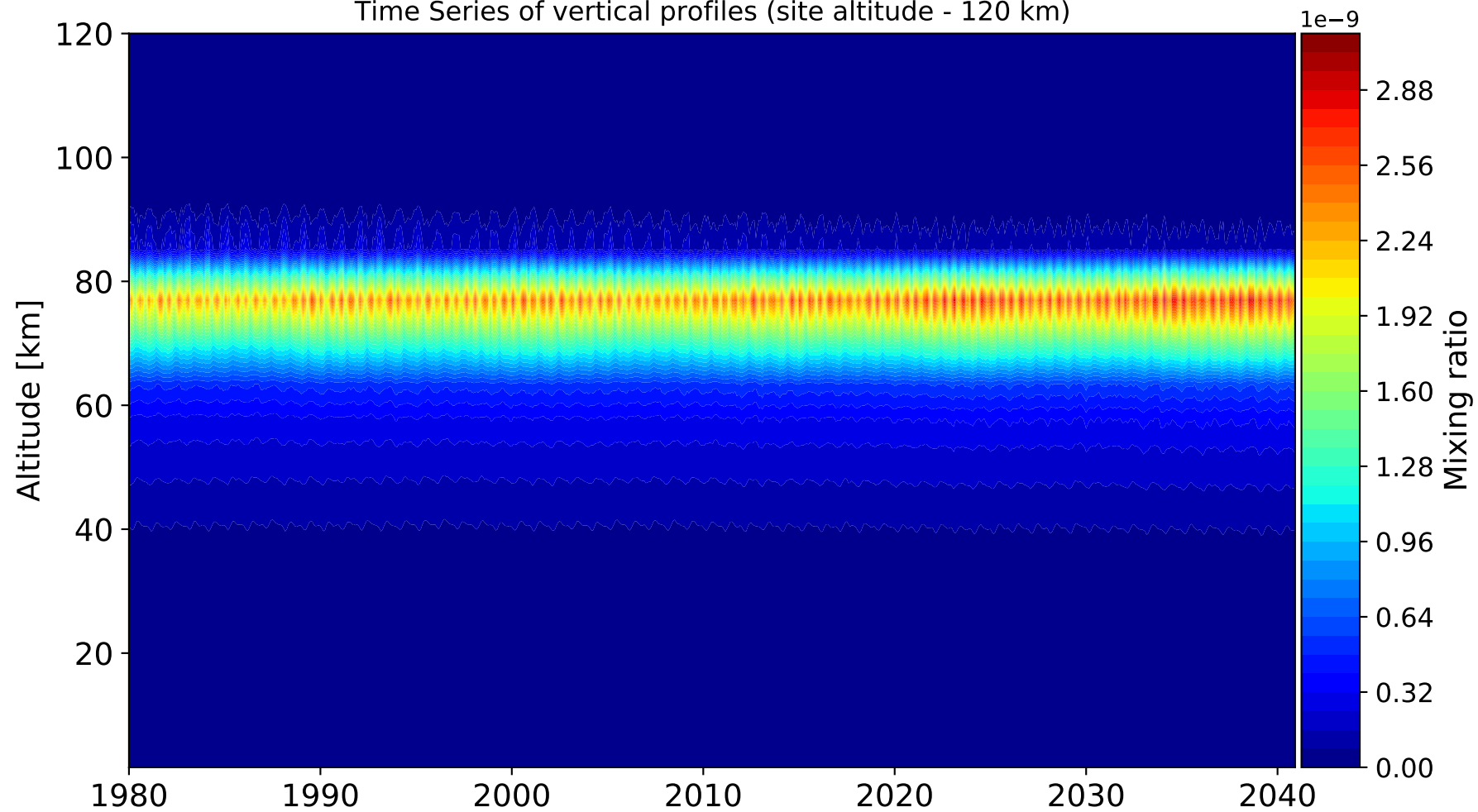
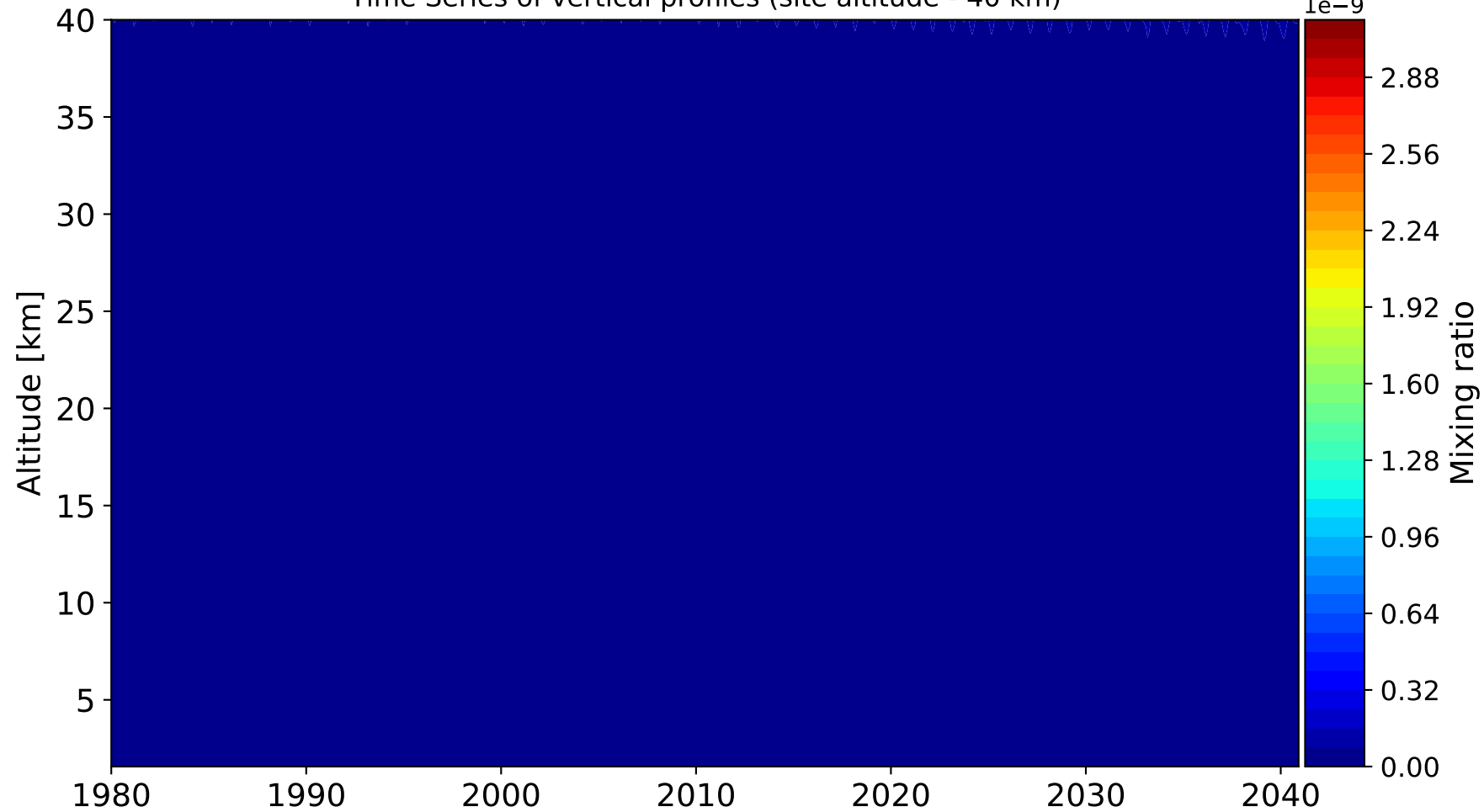


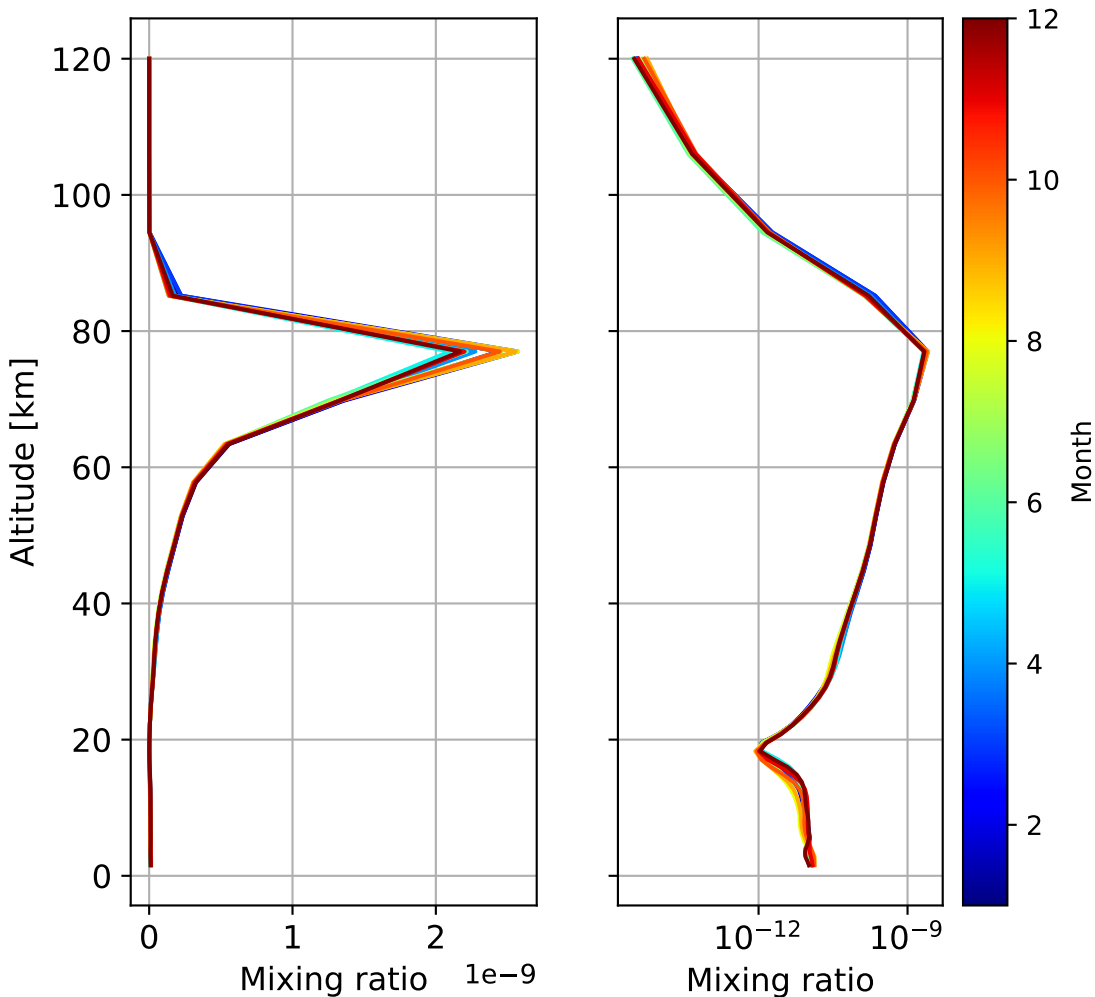
Time Series of vertical profiles (site altitude - 120 km)



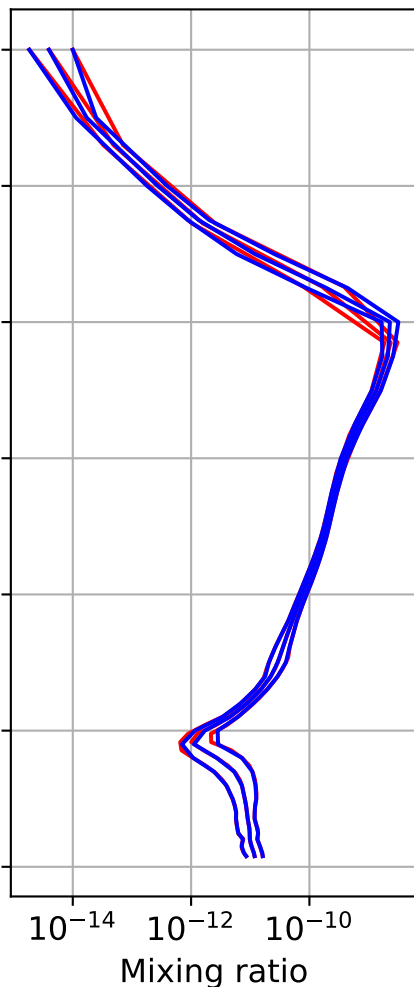
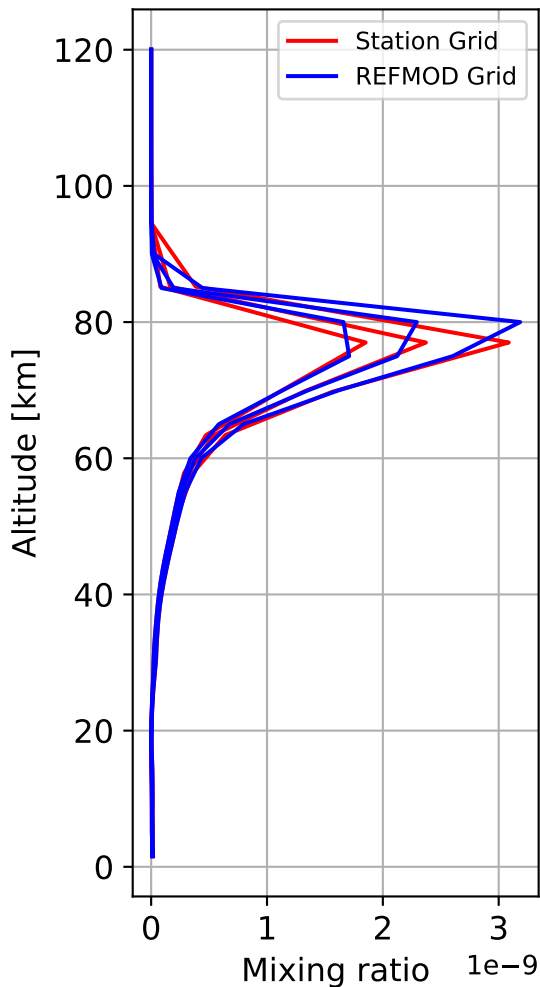
Time Series of vertical profiles (site altitude - 40 km)



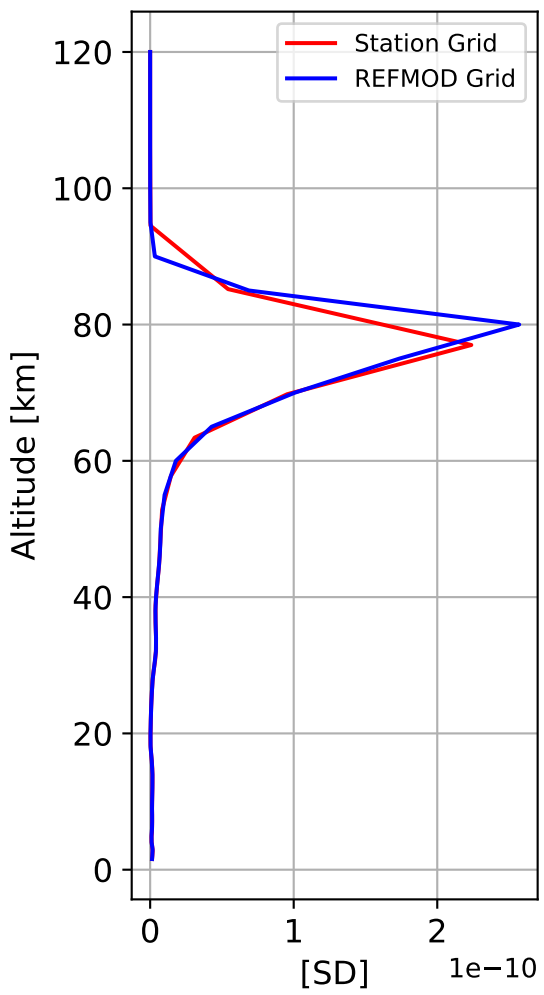
Monthly mean WACCM profile (interpolated to station grid) Kigali, -1.94N, 30.06E, 1.567kmasl



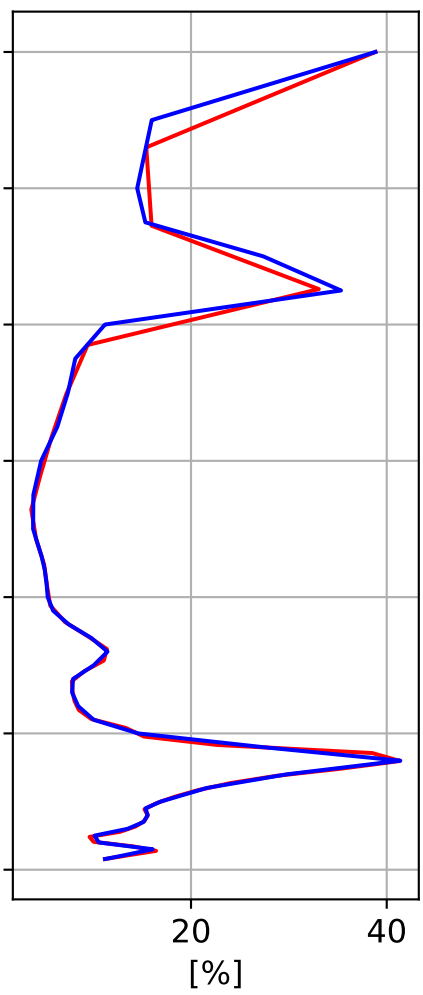
Min, Max, Mean of 732 profiles
Kigali, -1.94N, 30.06E, 1.567kmasl



Std. Deviation



Percent Deviation

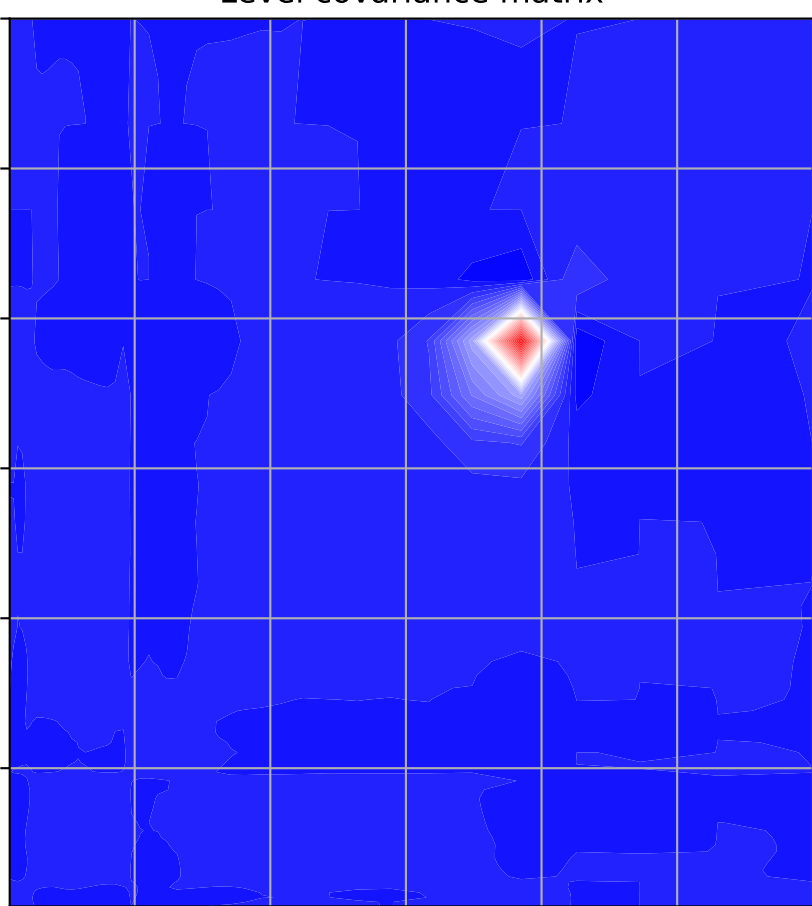


Level covariance matrix

1e-20

Altitude [km]

120
100
80
60
40
20



Mixing ratio [^2]

4.8
4.2
3.6
3.0
2.4
1.8
1.2
0.6
0.0

20 40 60 80 100 120

Altitude [km]