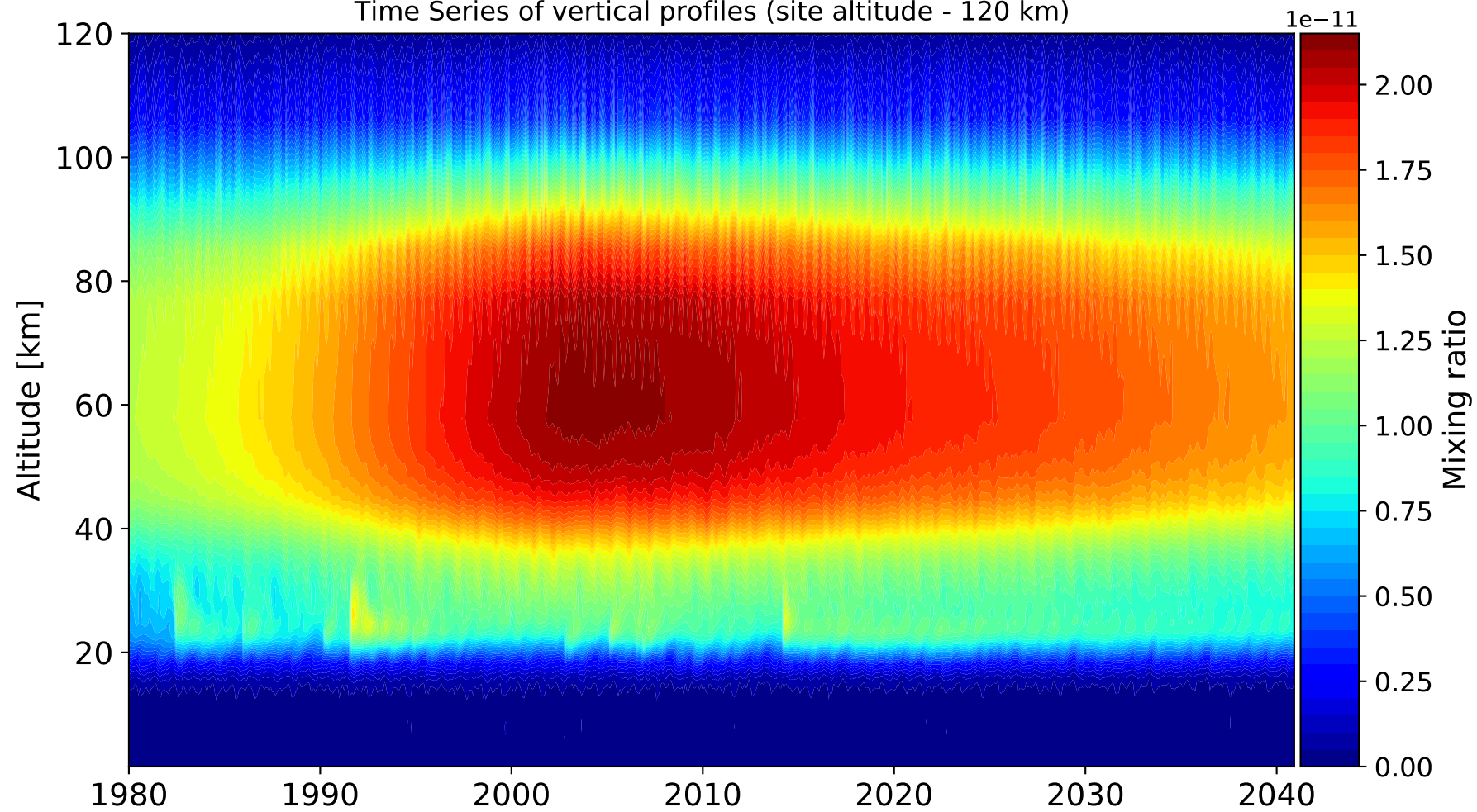
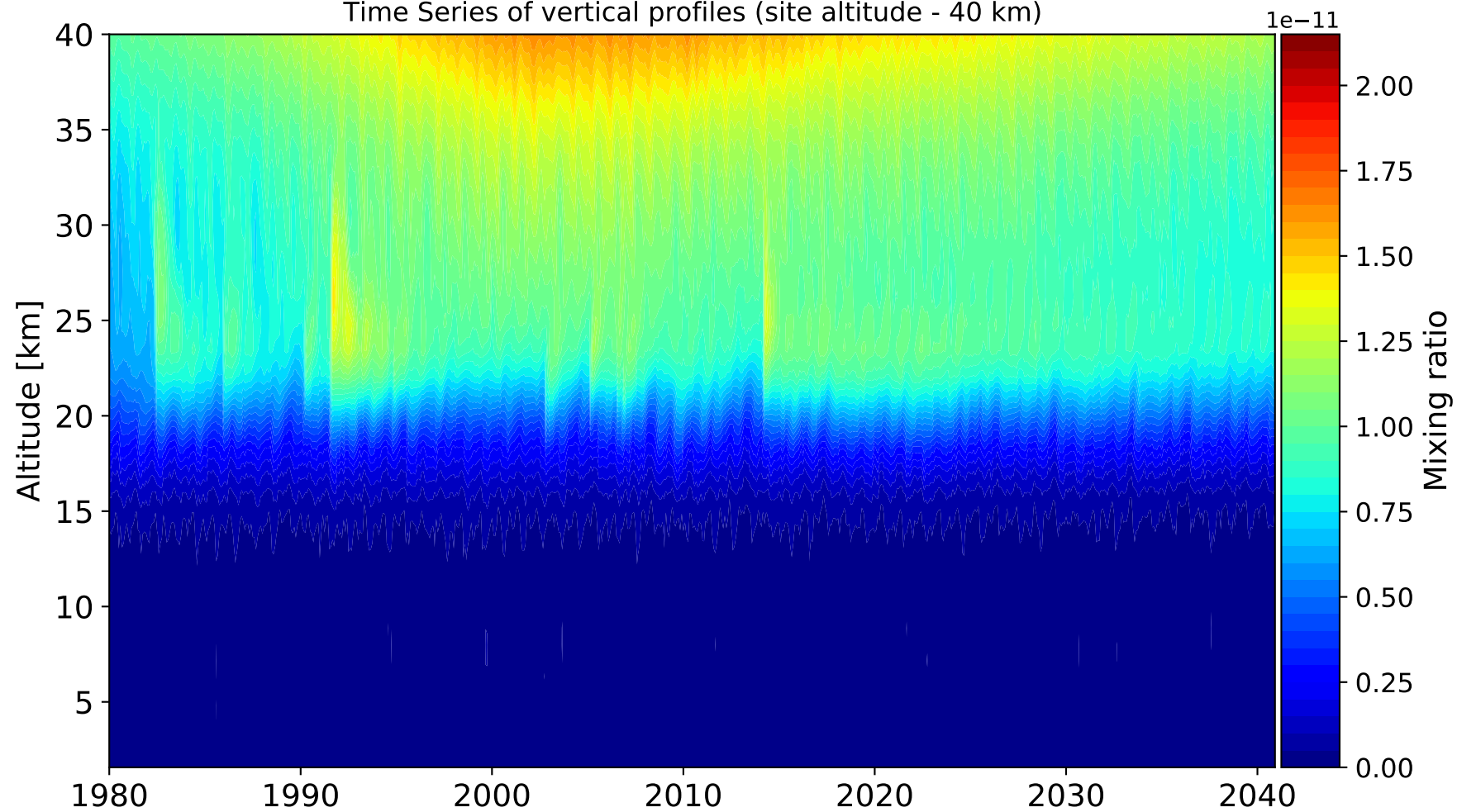


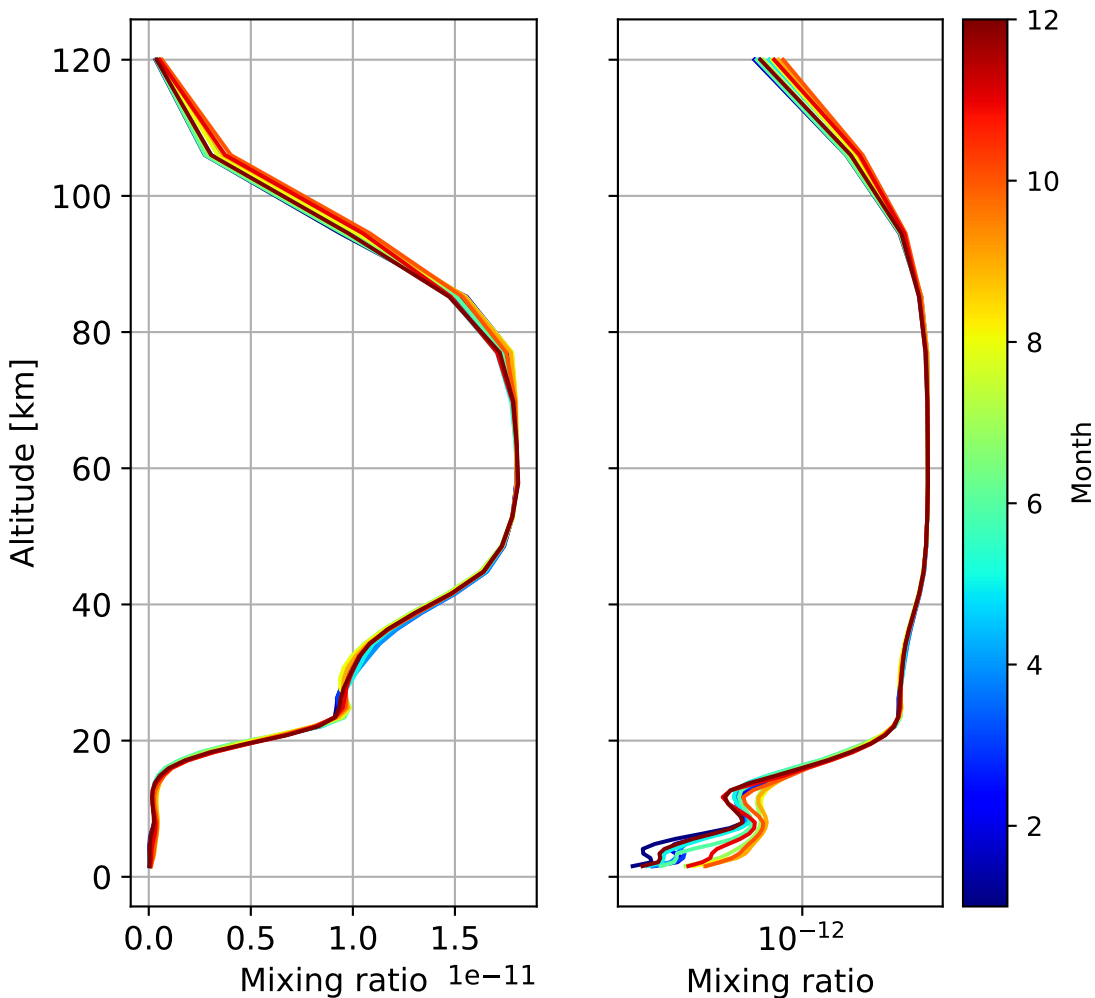
Time Series of vertical profiles (site altitude - 120 km)



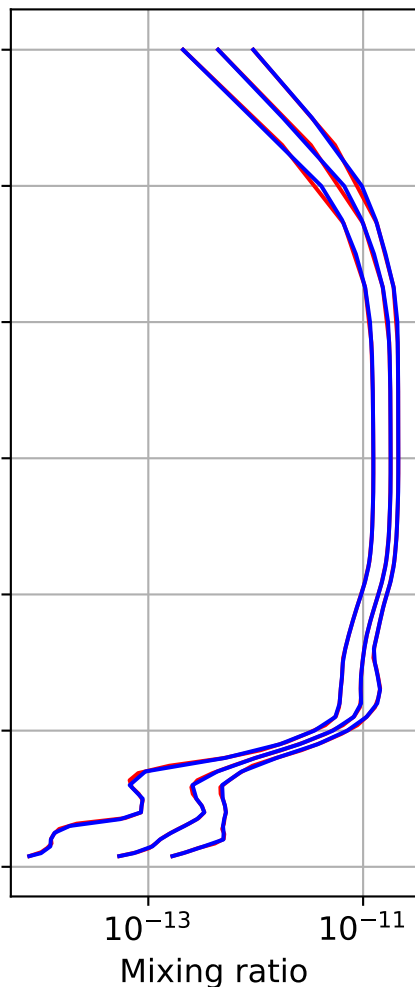
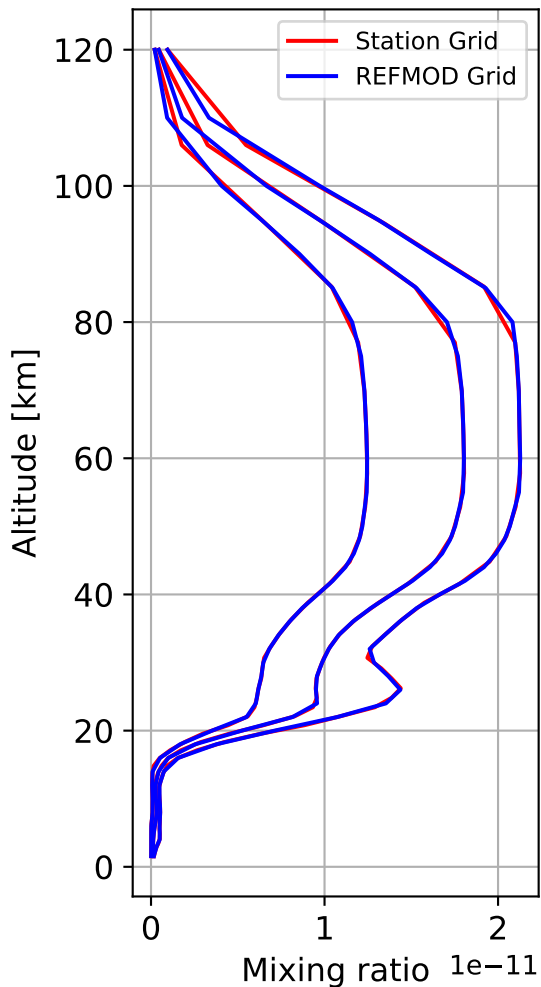
Time Series of vertical profiles (site altitude - 40 km)



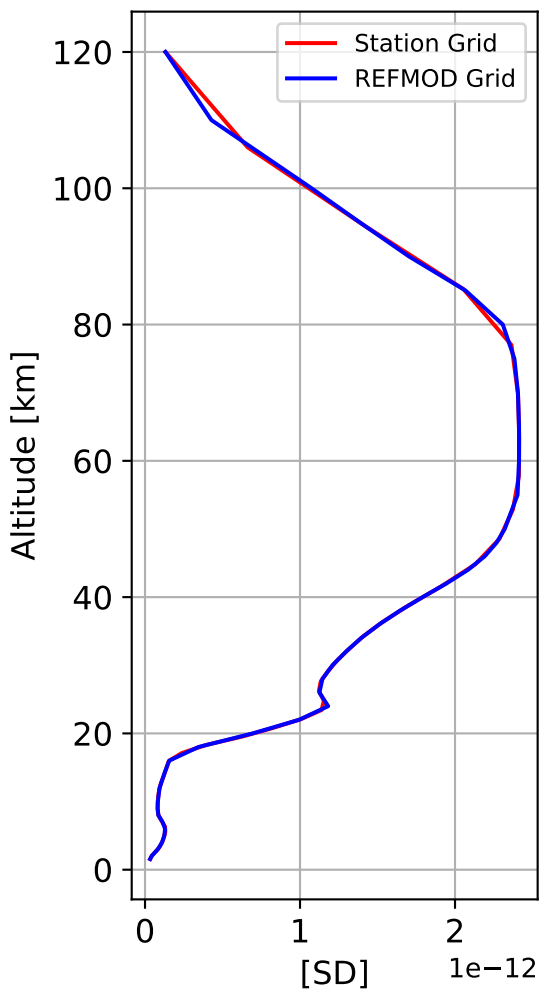
Monthly mean WACCM profile (interpolated to station grid) Kigali, -1.94N, 30.06E, 1.567kmasl



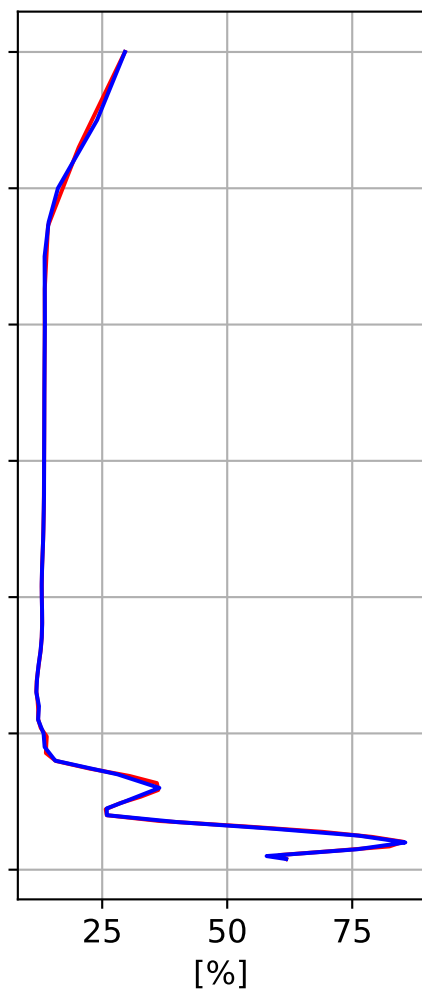
Min, Max, Mean of 732 profiles
Kigali, -1.94N, 30.06E, 1.567kmasl



Std. Deviation



Percent Deviation

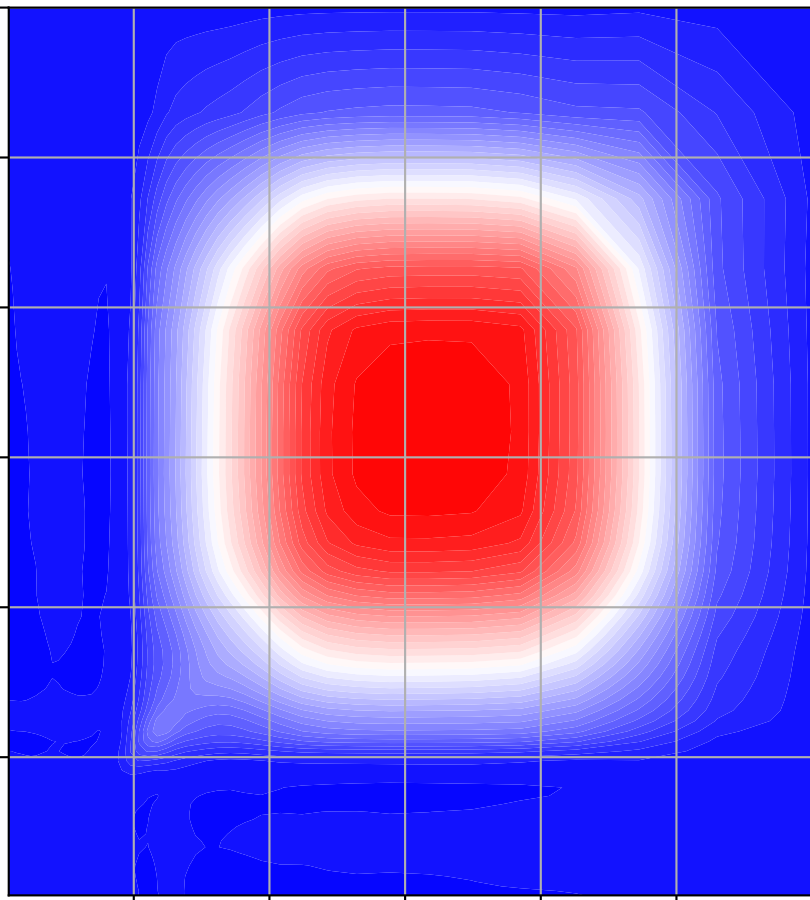


Level covariance matrix

1e-24

Altitude [km]

120
100
80
60
40
20



5.25
4.50
3.75
3.00
2.25
1.50
0.75
0.00

Mixing ratio[~2]

Altitude [km]