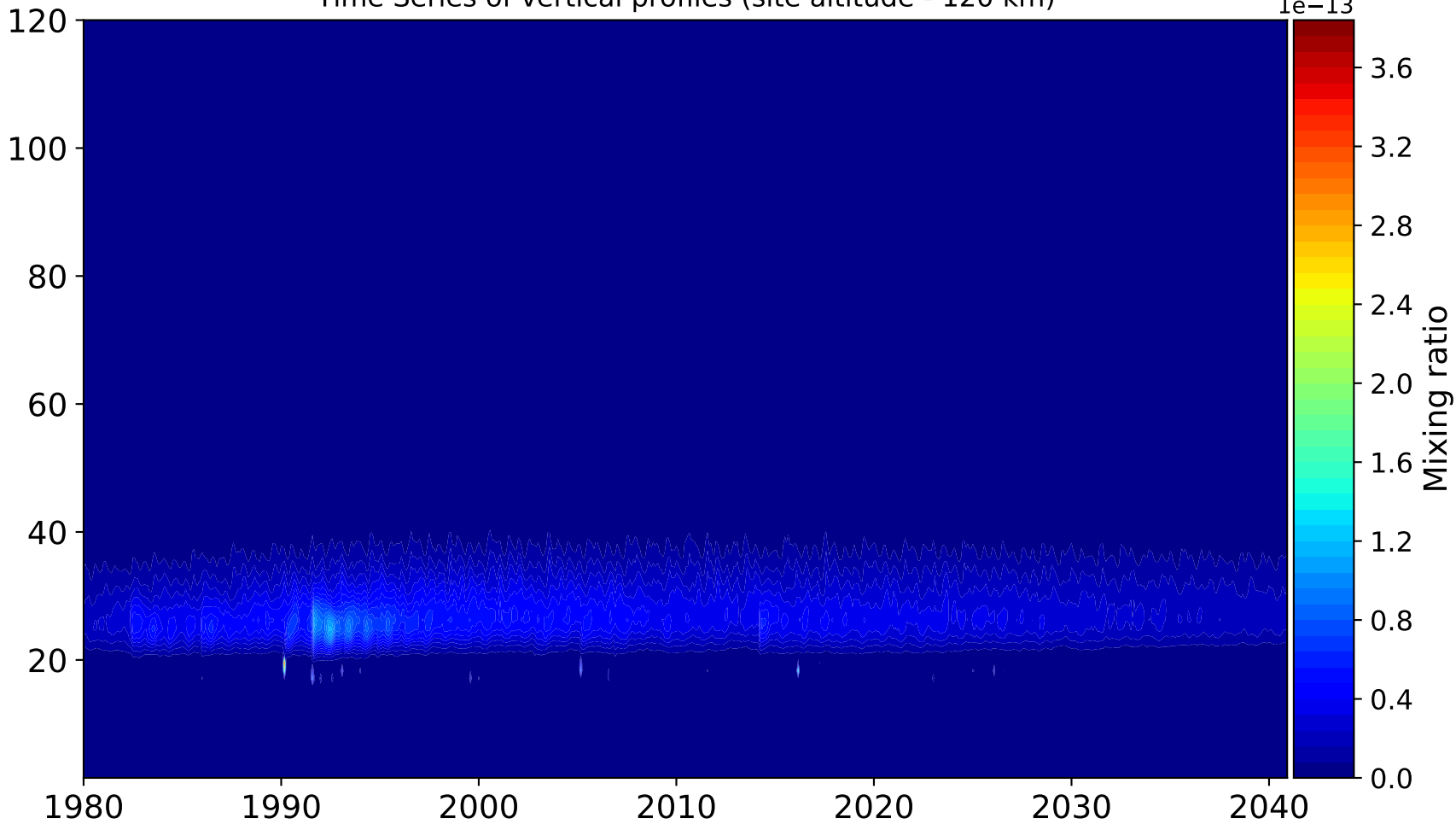


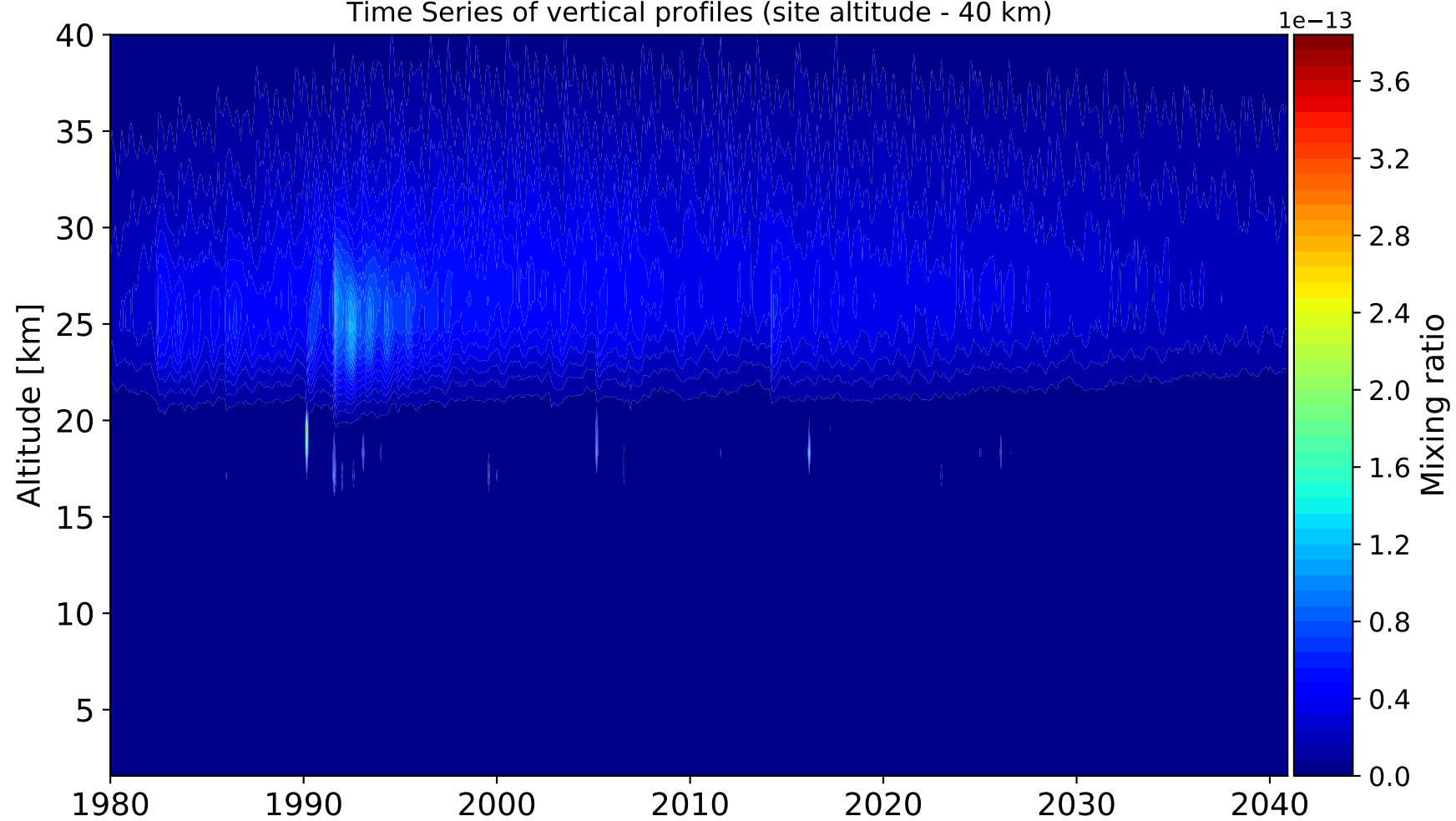
Time Series of vertical profiles (site altitude - 120 km)

$1e-13$

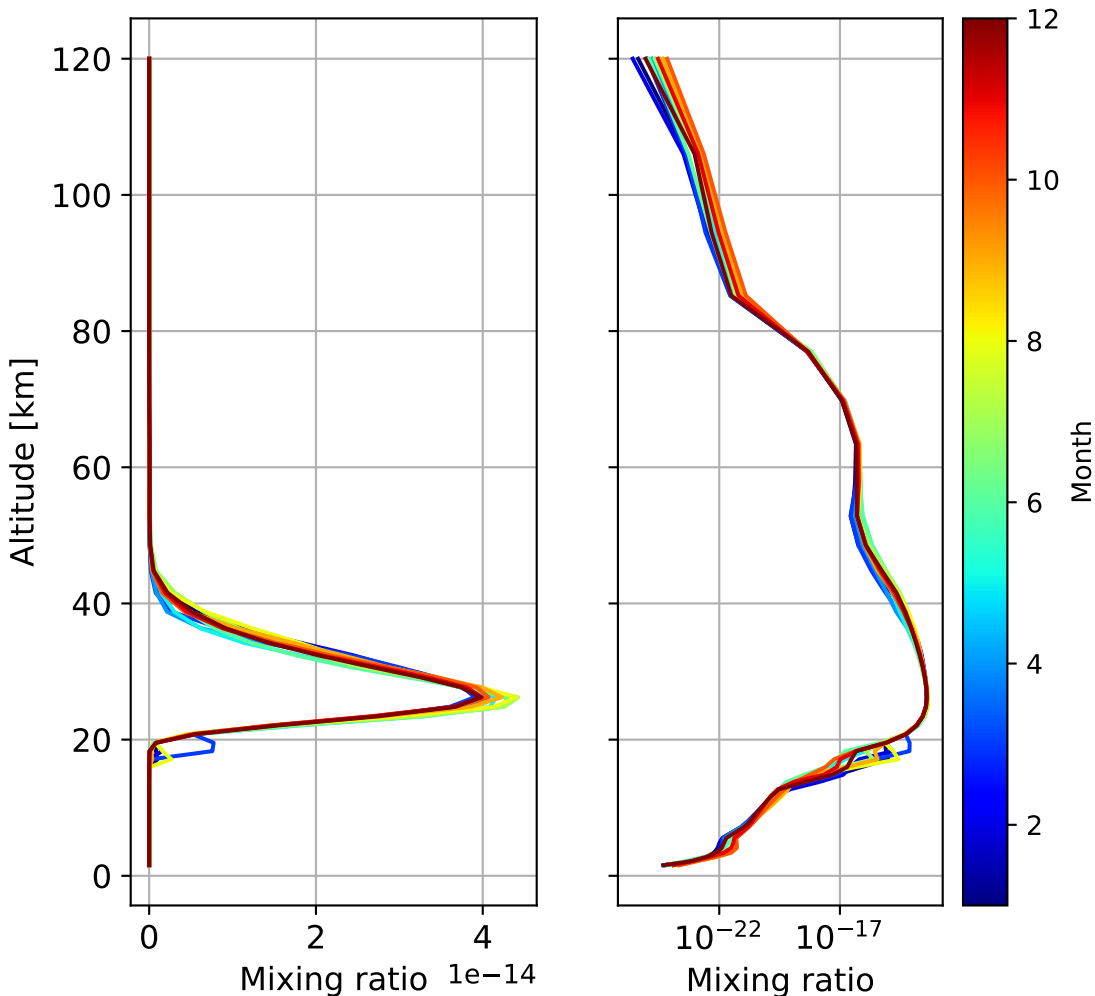
Altitude [km]



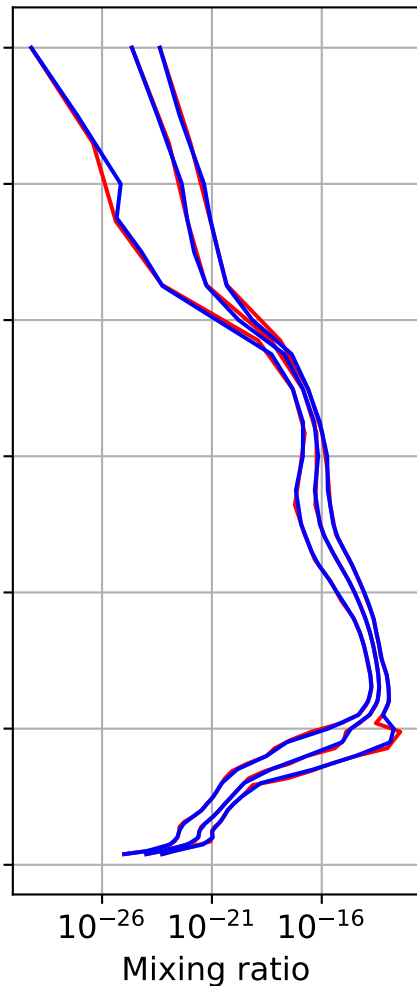
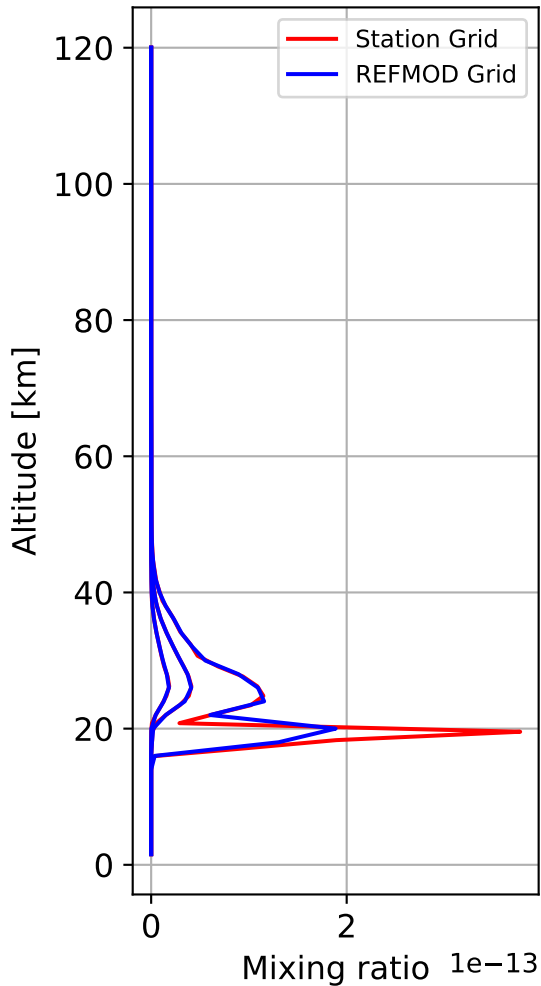
Time Series of vertical profiles (site altitude - 40 km)



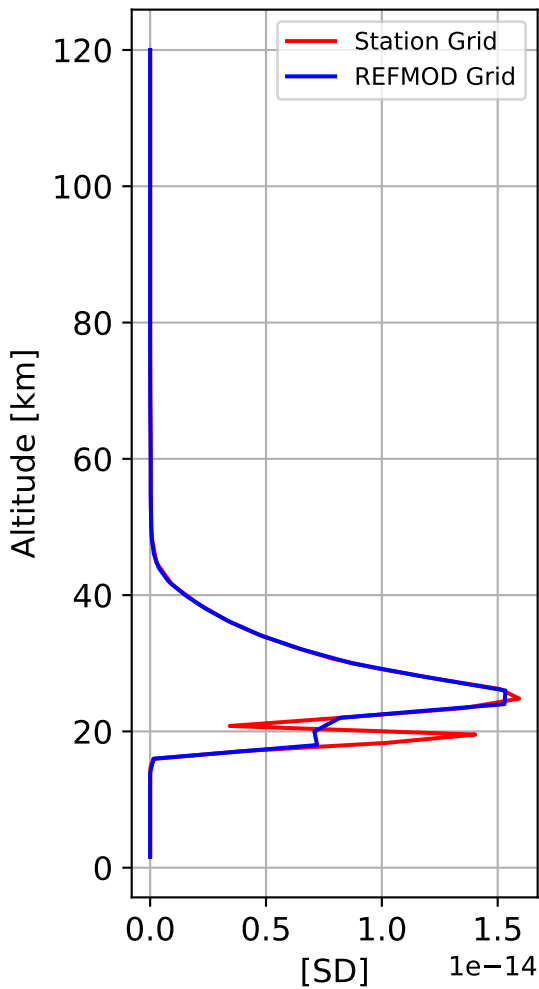
Monthly mean WACCM profile (interpolated to station grid) Kigali, -1.94N, 30.06E, 1.567kmasl



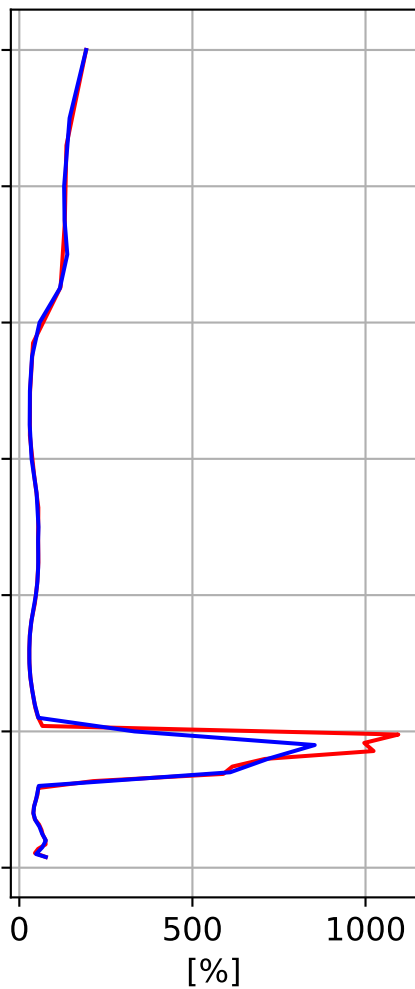
Min, Max, Mean of 732 profiles
Kigali, -1.94N, 30.06E, 1.567kmasl



Std. Deviation



Percent Deviation

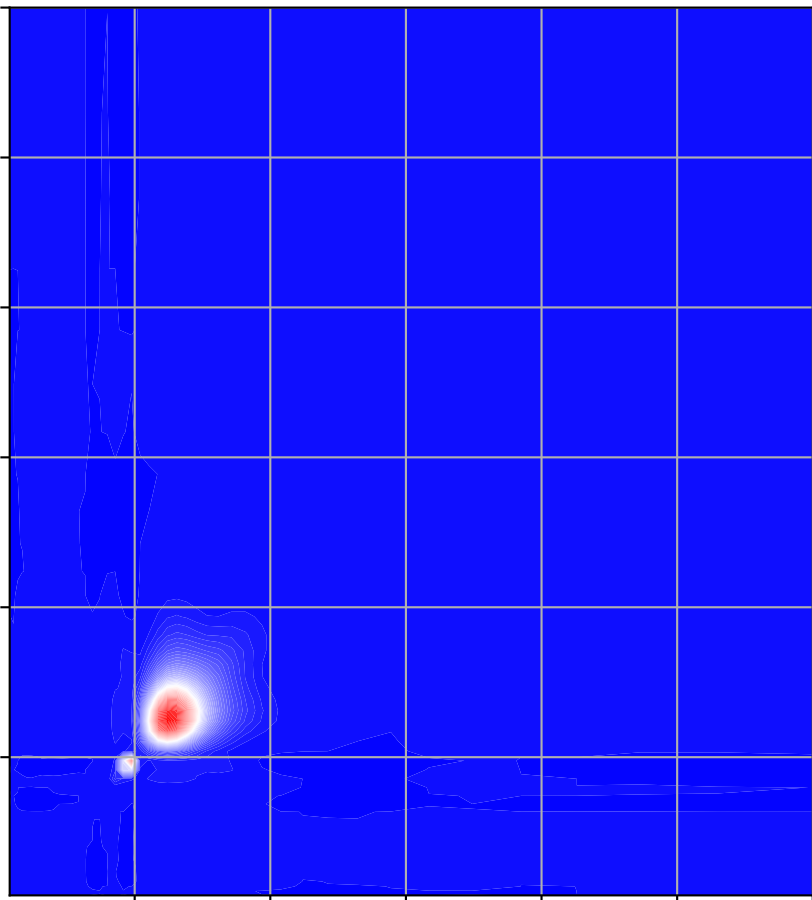


Level covariance matrix

$1e-28$

Altitude [km]

120
100
80
60
40
20



Altitude [km]

120
100
80
60
40
20

Mixing ratio [^2]

2.4
2.1
1.8
1.5
1.2
0.9
0.6
0.3
0.0