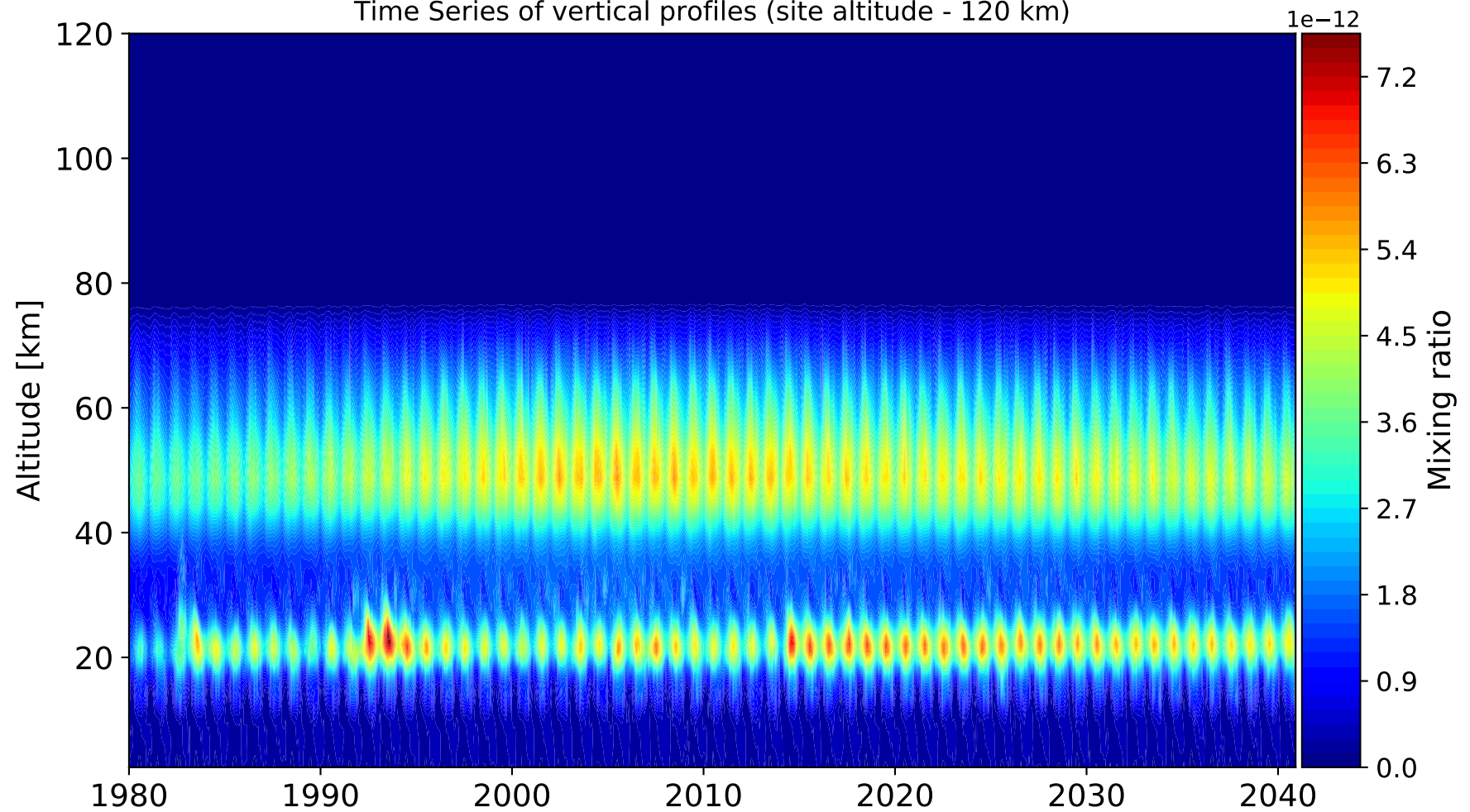
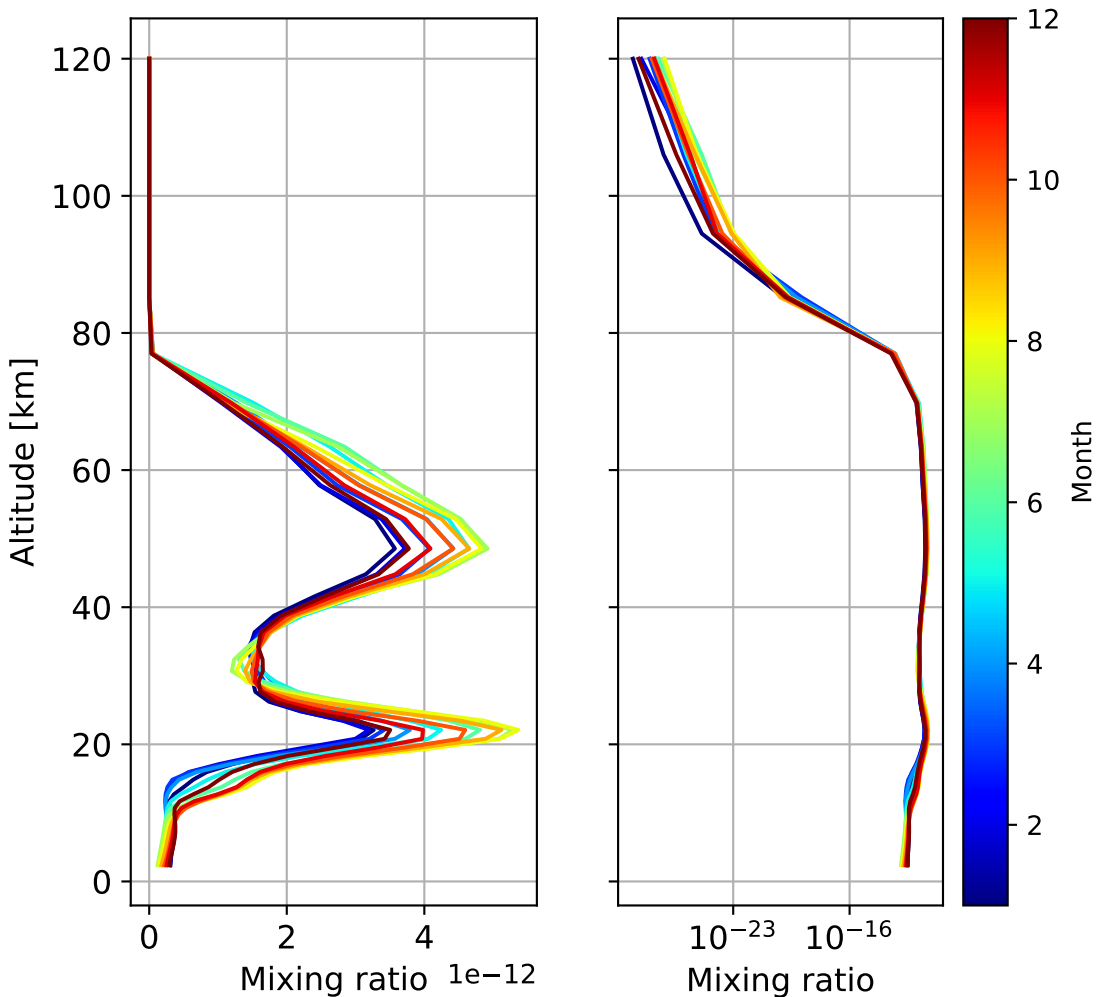


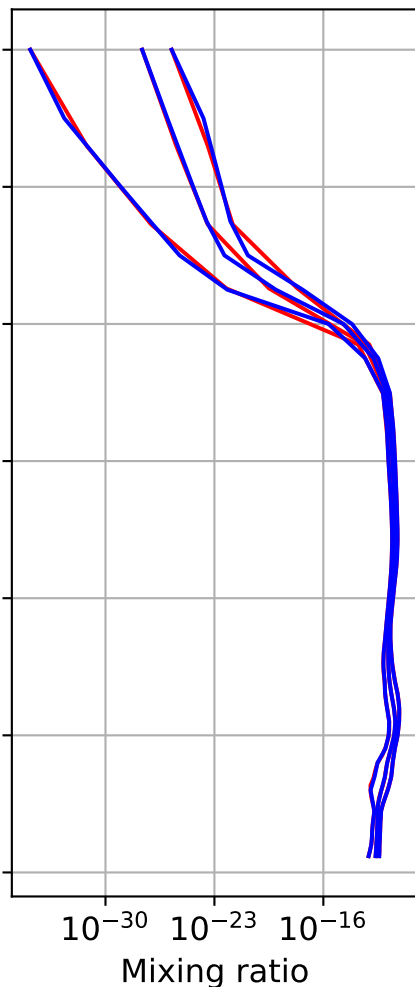
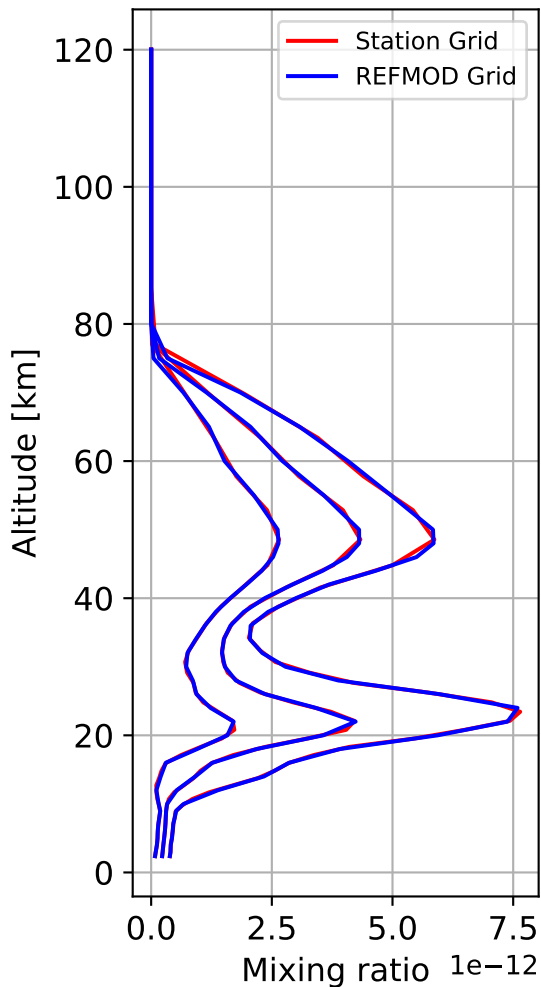
Time Series of vertical profiles (site altitude - 120 km)



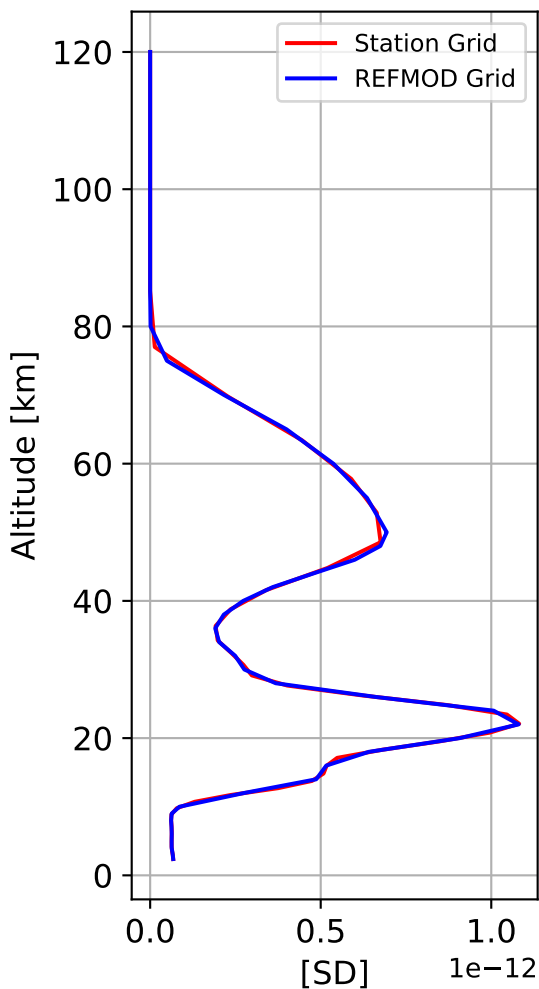
Monthly mean WACCM profile (interpolated to station grid)
CTIO, -30.169N, 289.194E, 2.379kmasl



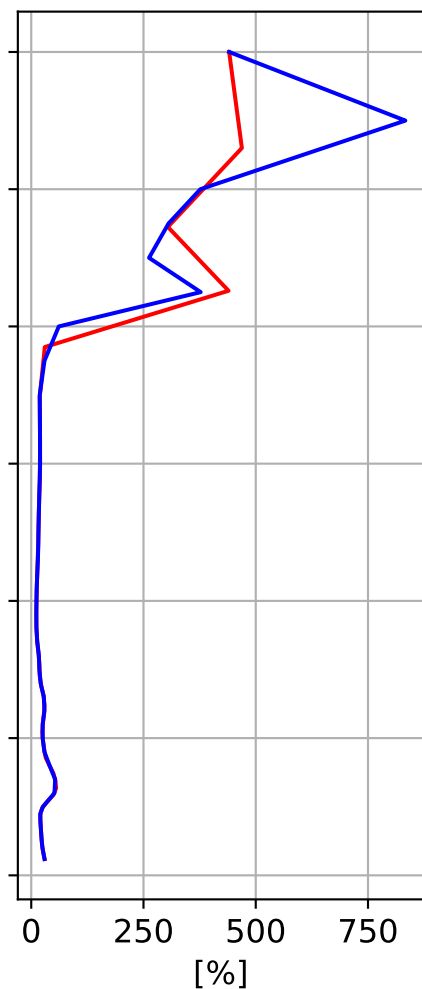
Min, Max, Mean of 732 profiles
CTIO, -30.169N, 289.194E, 2.379kmasl



Std. Deviation



Percent Deviation

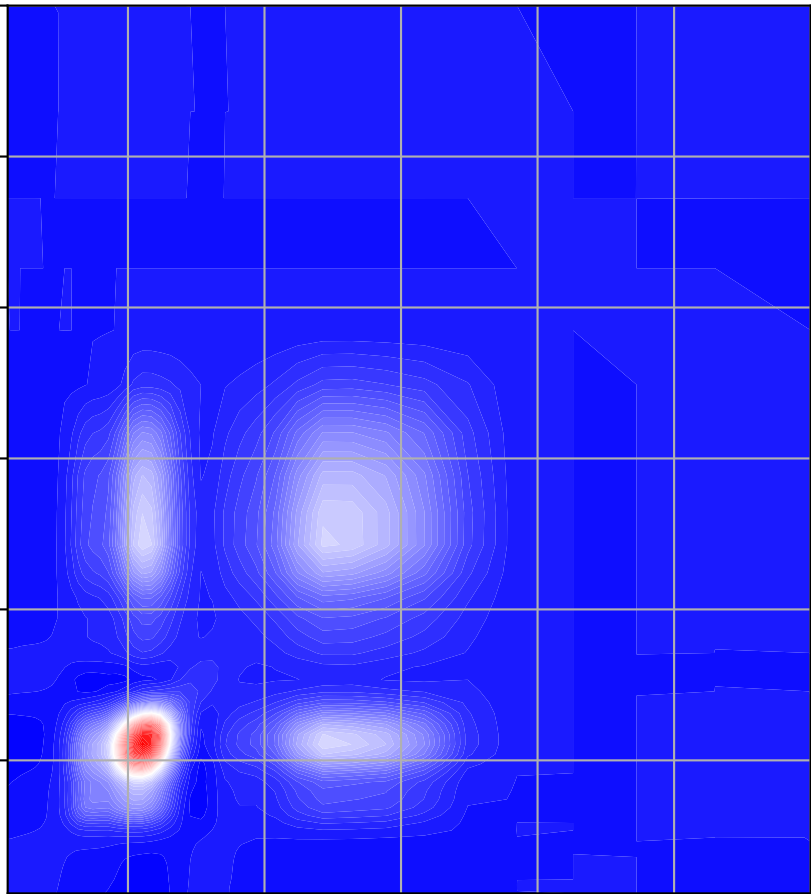


Level covariance matrix

$1e-24$

Altitude [km]

120
100
80
60
40
20



1.125
1.000
0.875
0.750
0.625
0.500
0.375
0.250
0.125
0.000

Mixing ratio[~ 2]

20 40 60 80 100 120

Altitude [km]