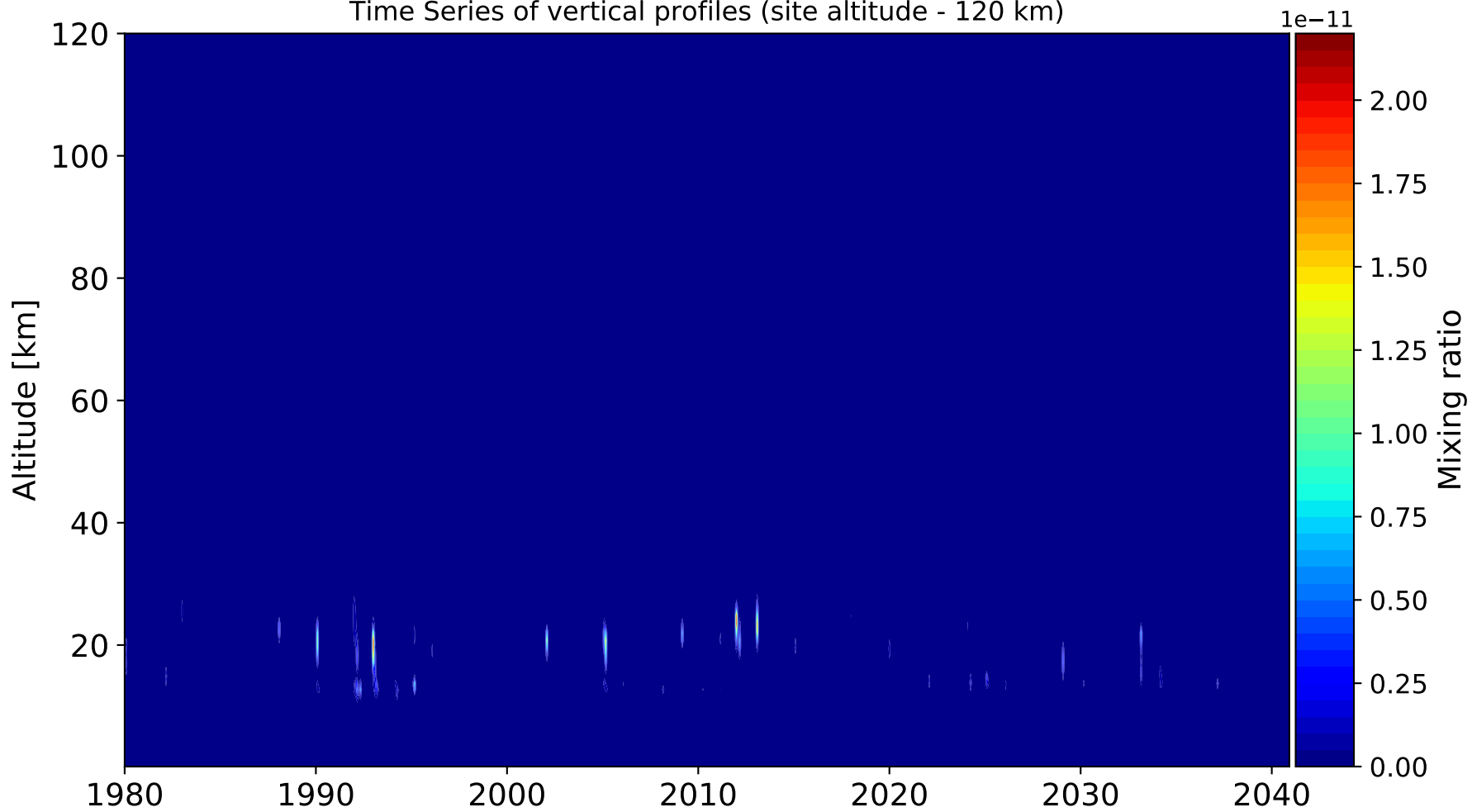
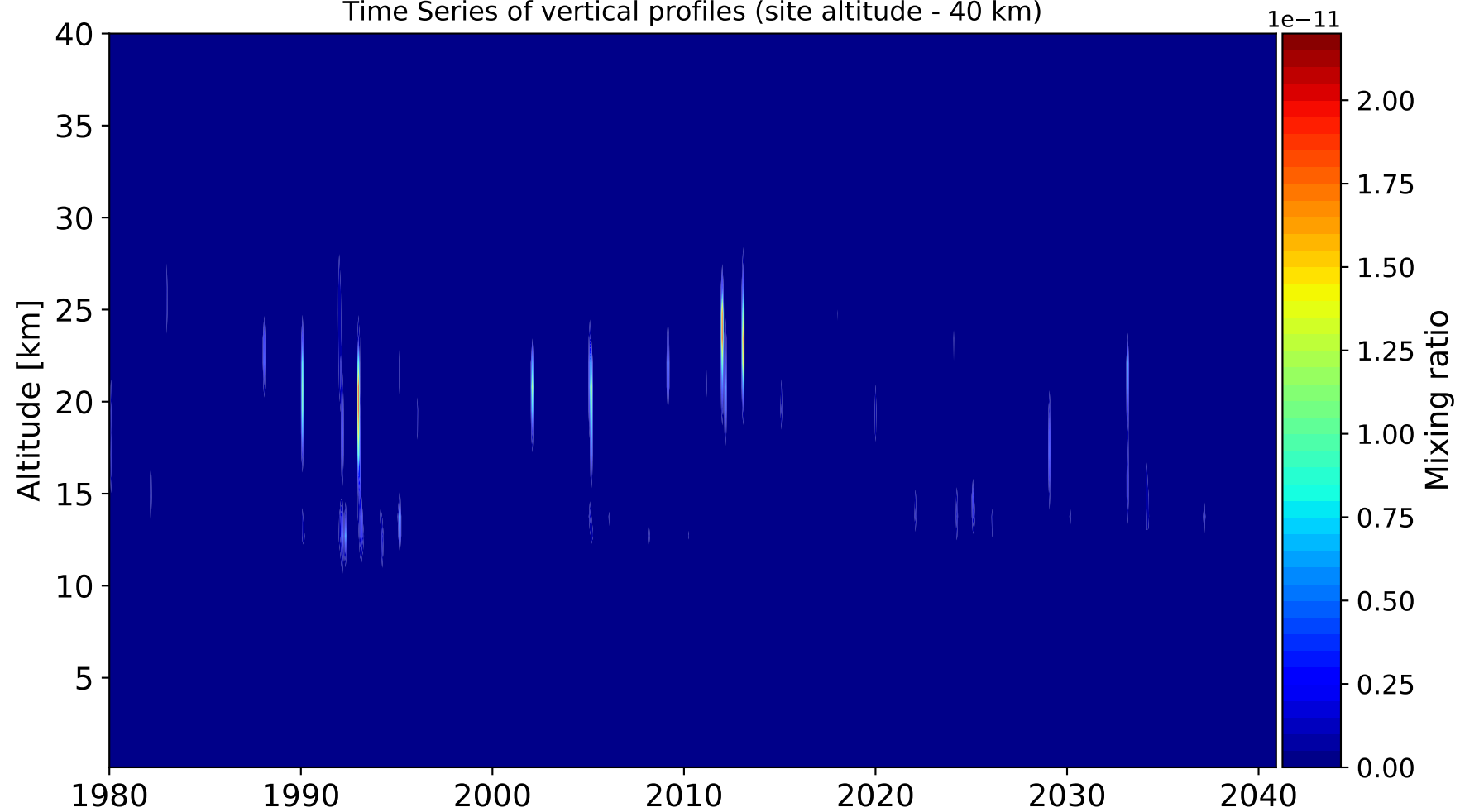


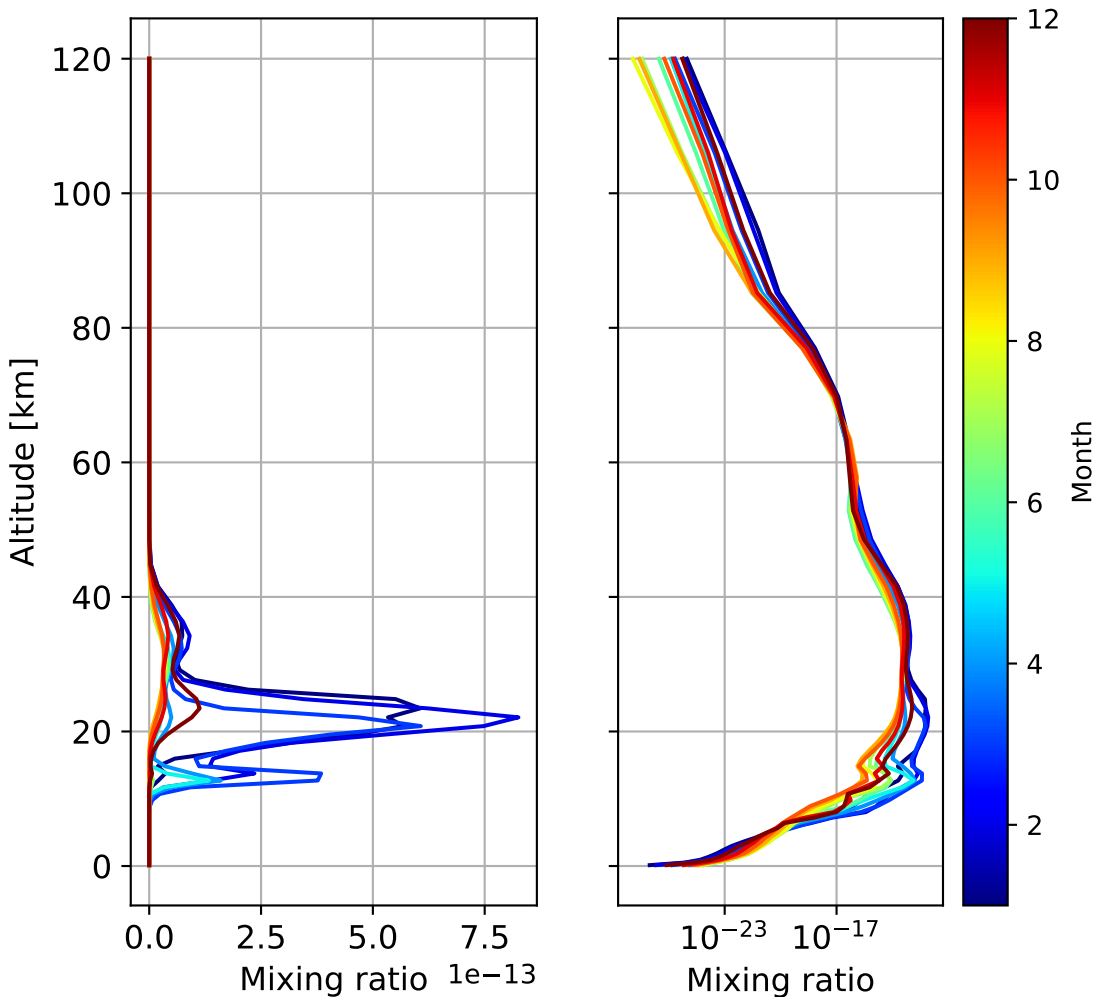
Time Series of vertical profiles (site altitude - 120 km)



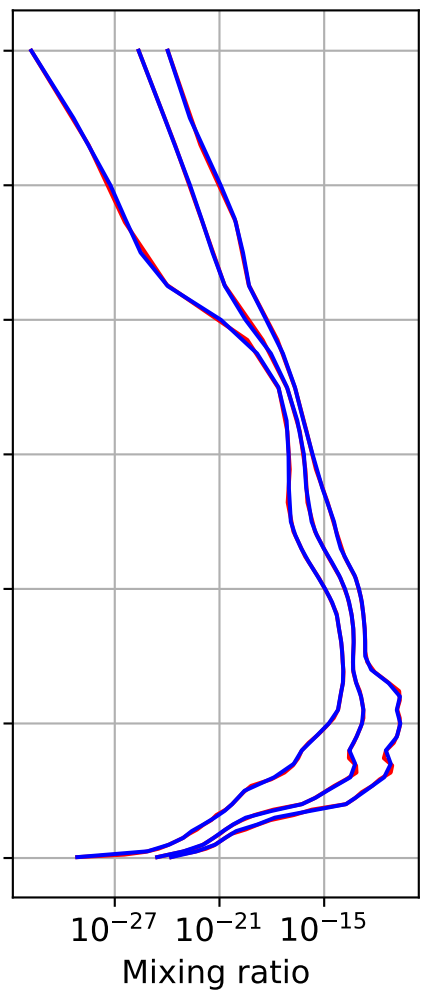
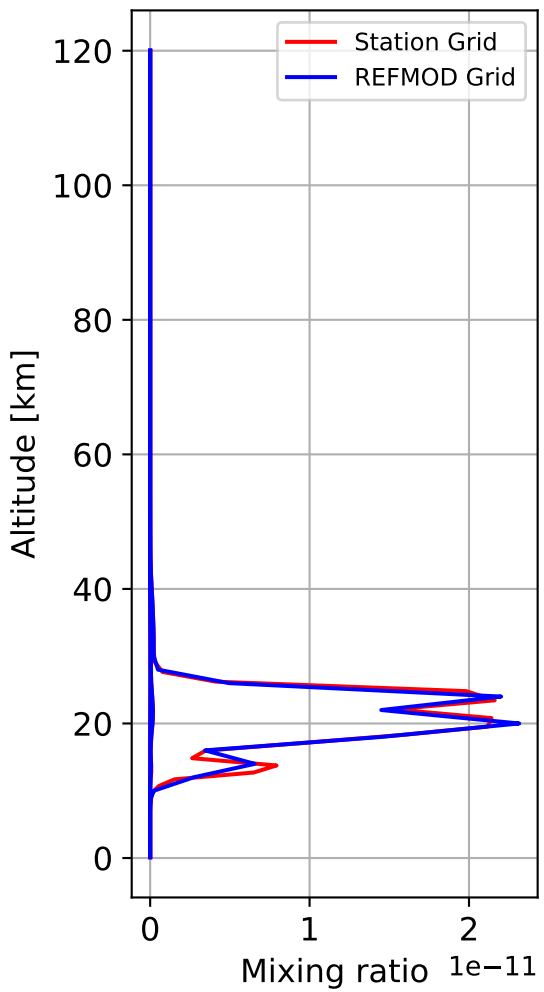
Time Series of vertical profiles (site altitude - 40 km)



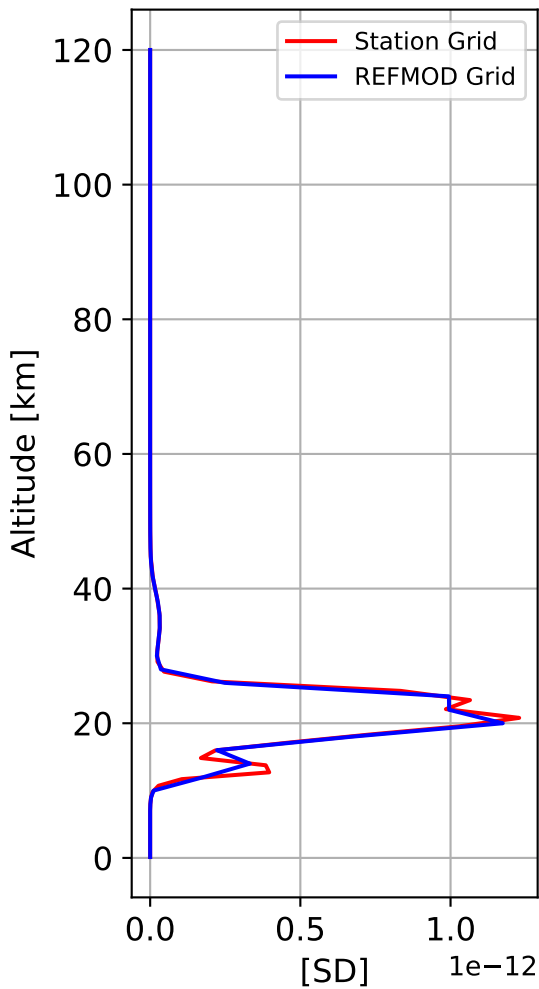
Monthly mean WACCM profile (interpolated to station grid)
Orleans, 47.965N, 2.113E, 0.132kmasl



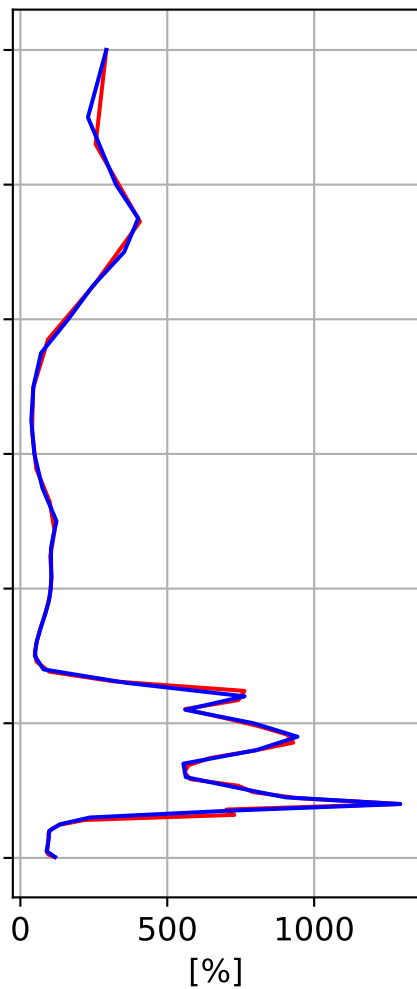
Min, Max, Mean of 732 profiles
Orleans, 47.965N, 2.113E, 0.132kmasl



Std. Deviation



Percent Deviation



Level covariance matrix

$1e-24$

Altitude [km]

120
100
80
60
40
20

20

Altitude [km]

40

60

80

100

120

1.44
1.26
1.08
0.90
0.72
0.54
0.36
0.18
0.00

Mixing ratio[$\wedge 2$]

