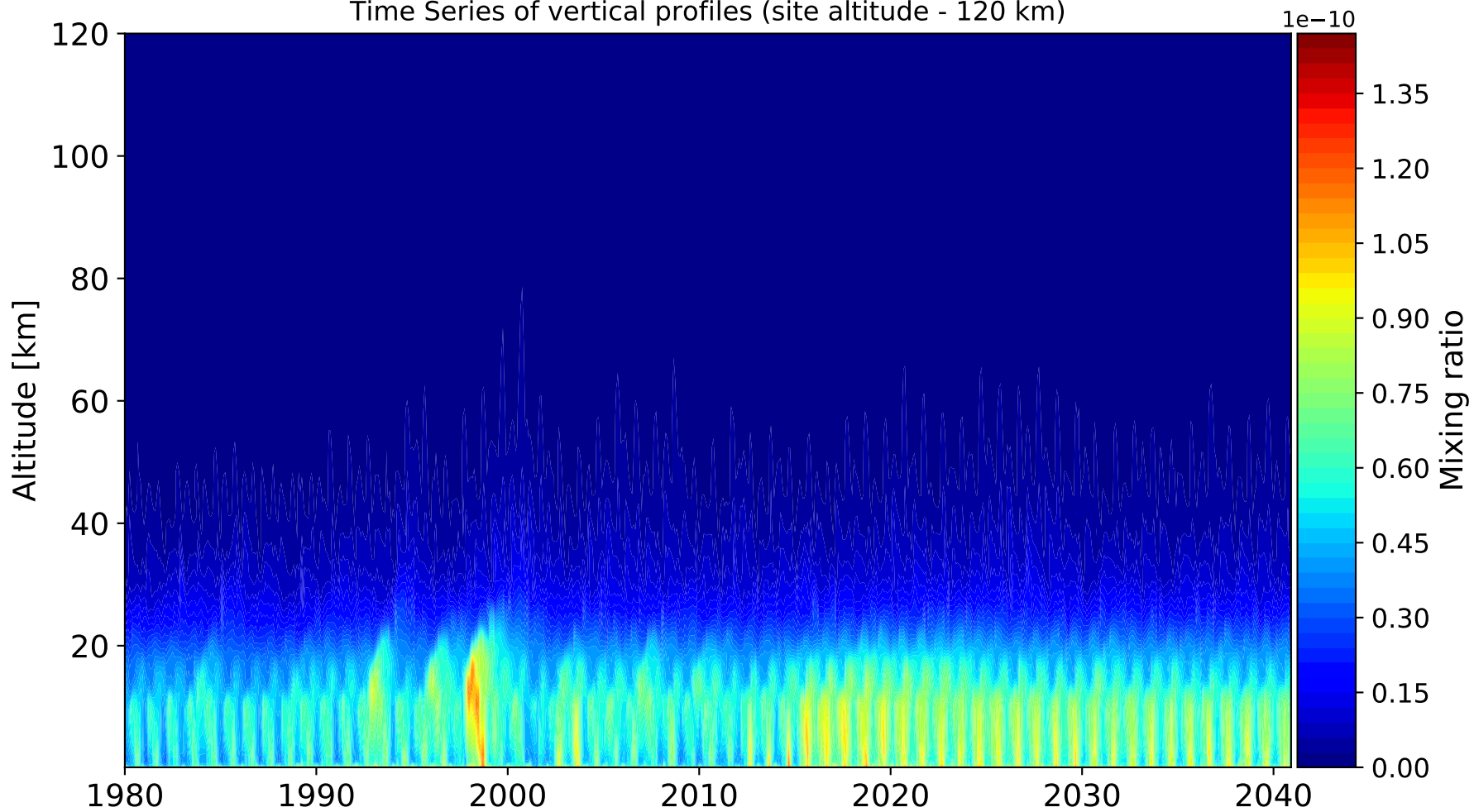
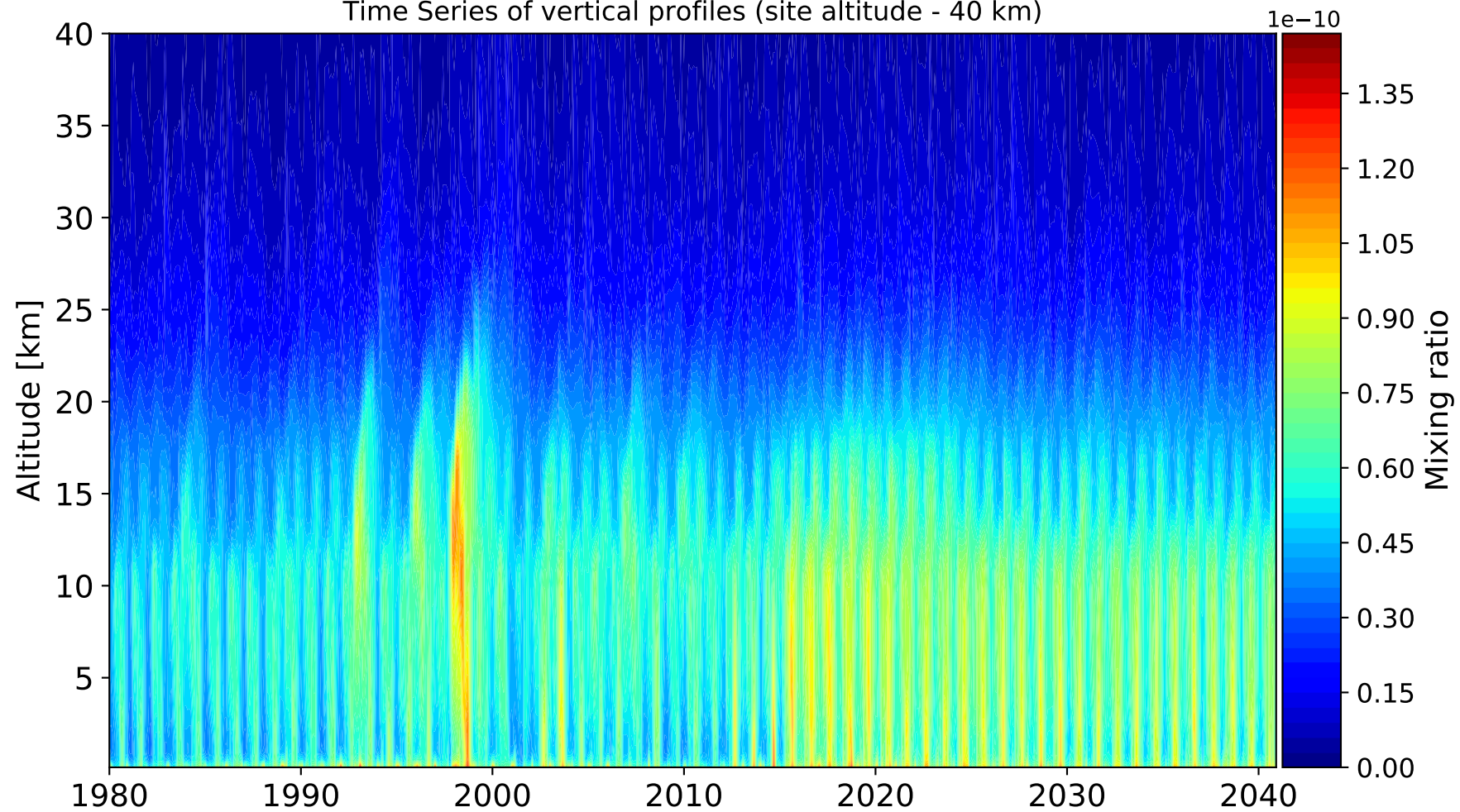


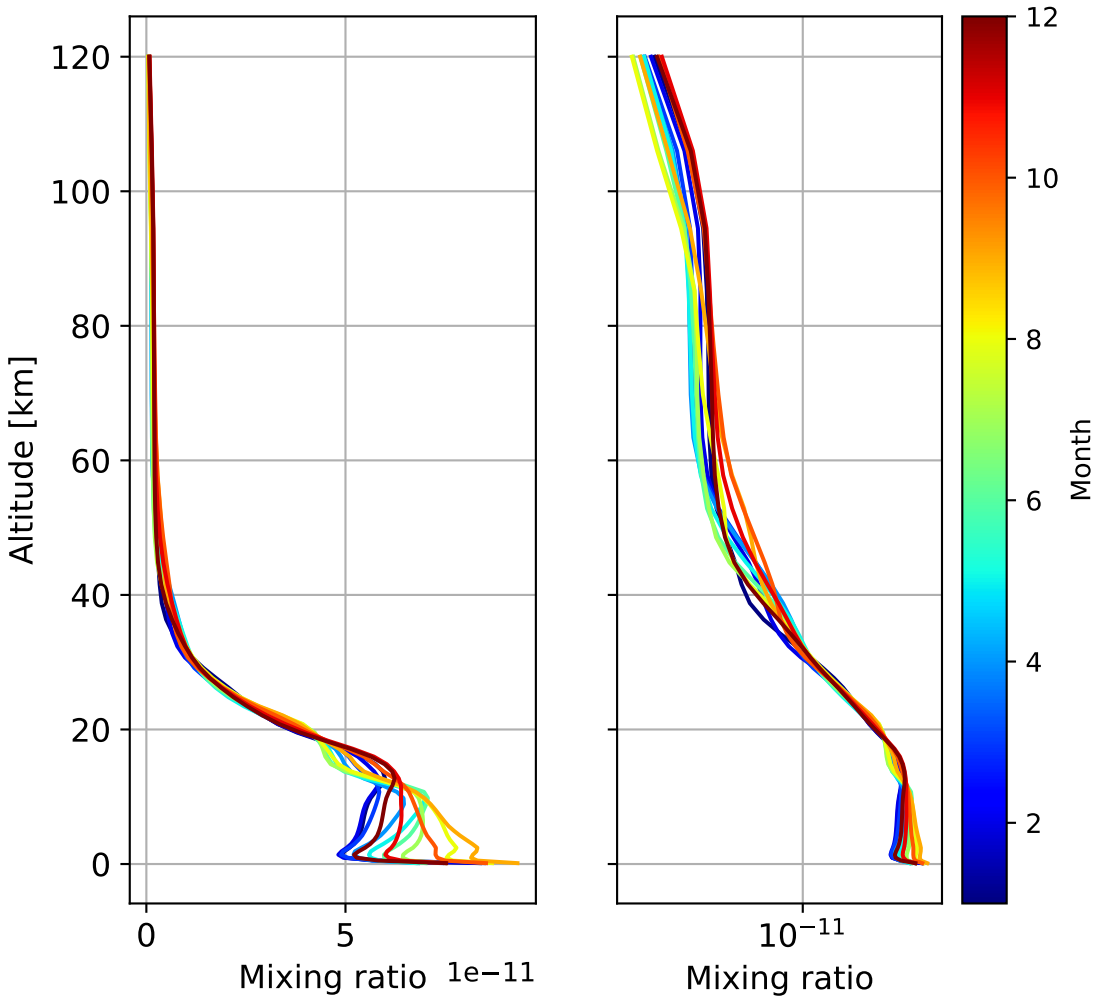
Time Series of vertical profiles (site altitude - 120 km)



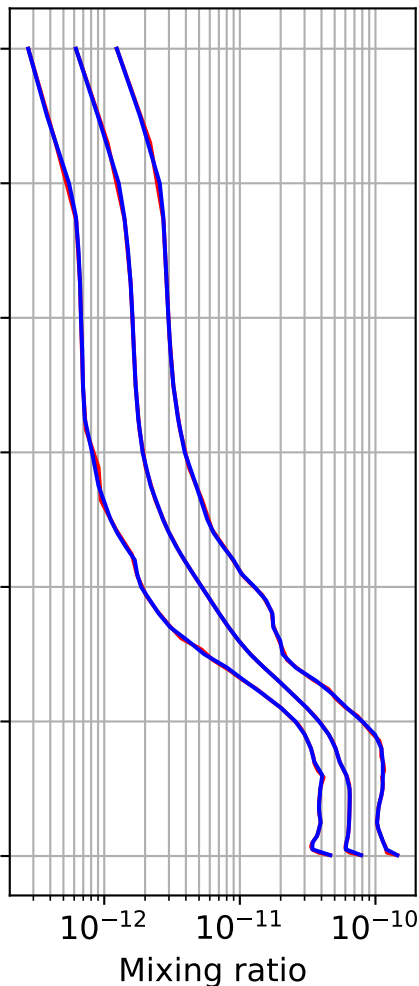
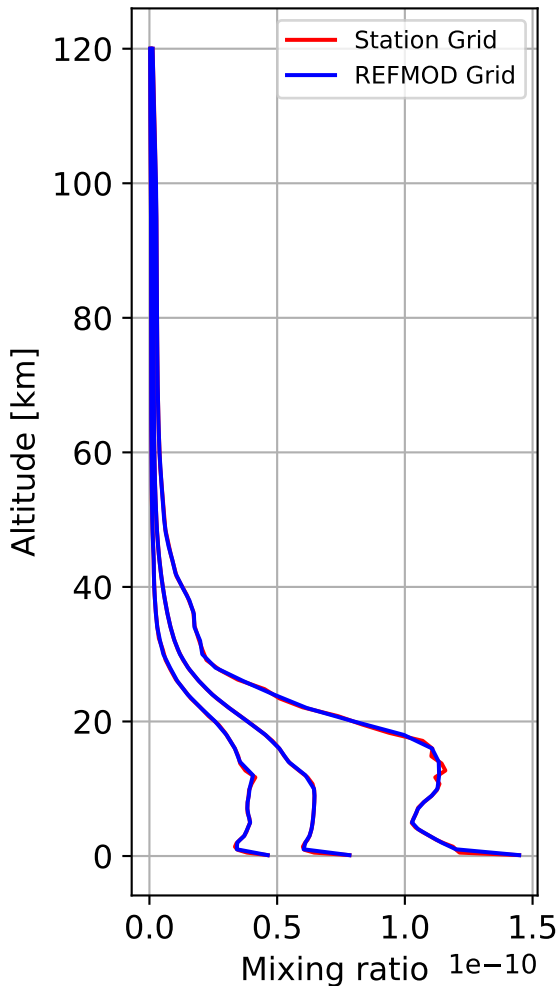
Time Series of vertical profiles (site altitude - 40 km)



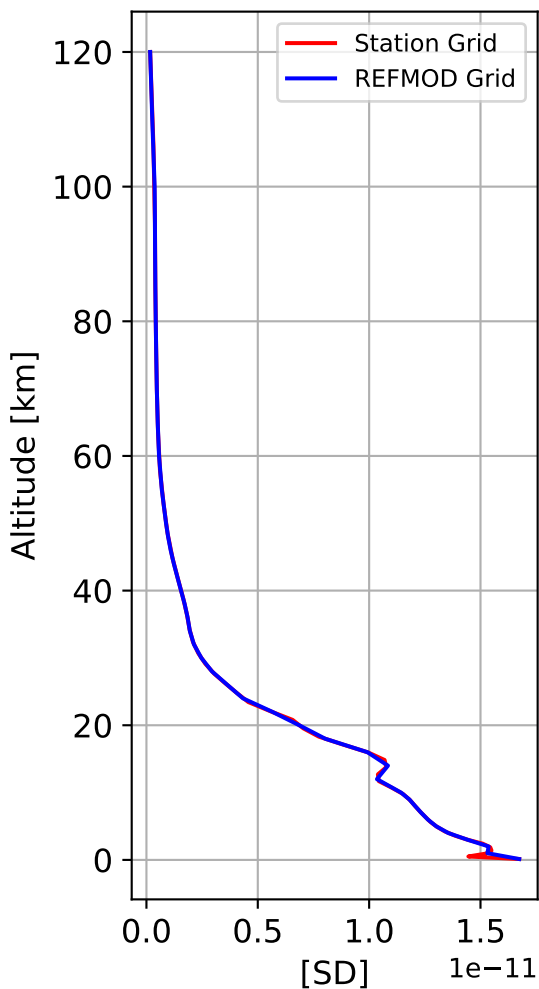
Monthly mean WACCM profile (interpolated to station grid)
Orleans, 47.965N, 2.113E, 0.132kmasl



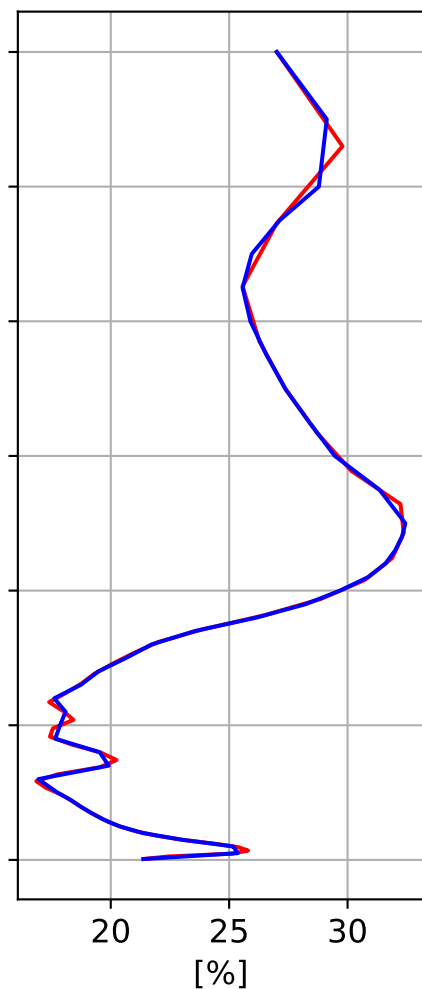
Min, Max, Mean of 732 profiles
Orleans, 47.965N, 2.113E, 0.132km/sl



Std. Deviation



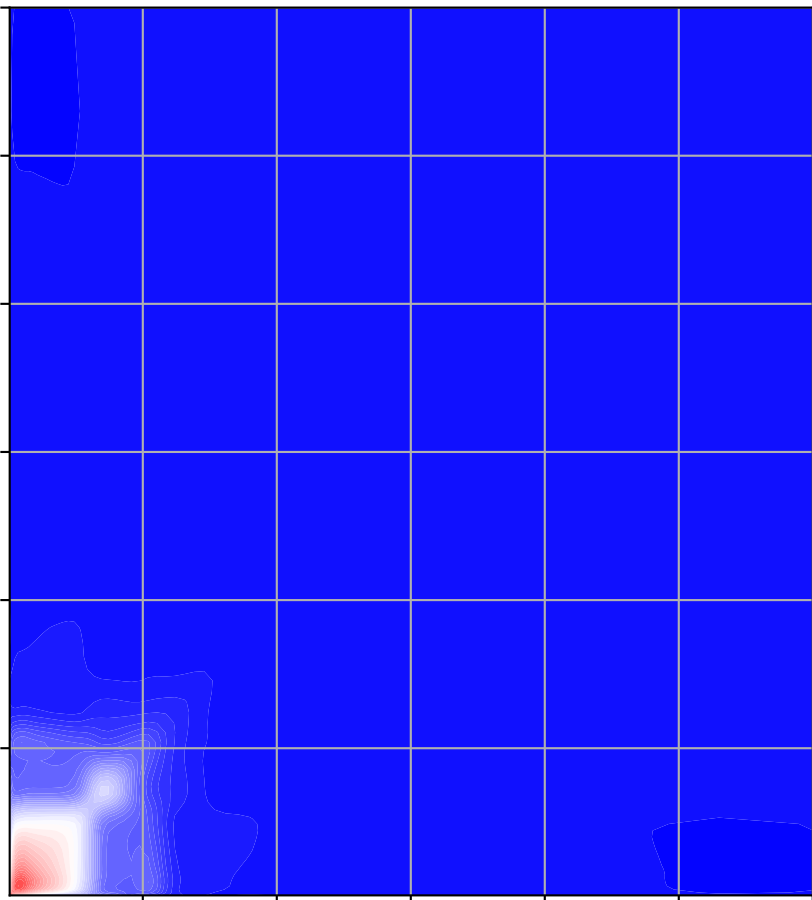
Percent Deviation



Level covariance matrix

1e-22

Altitude [km]

120
100
80
60
40
20

Altitude [km]

Mixing ratio[²]

0.0

0.3

0.6

0.9

1.2

1.5

1.8

2.1

2.4

2.7