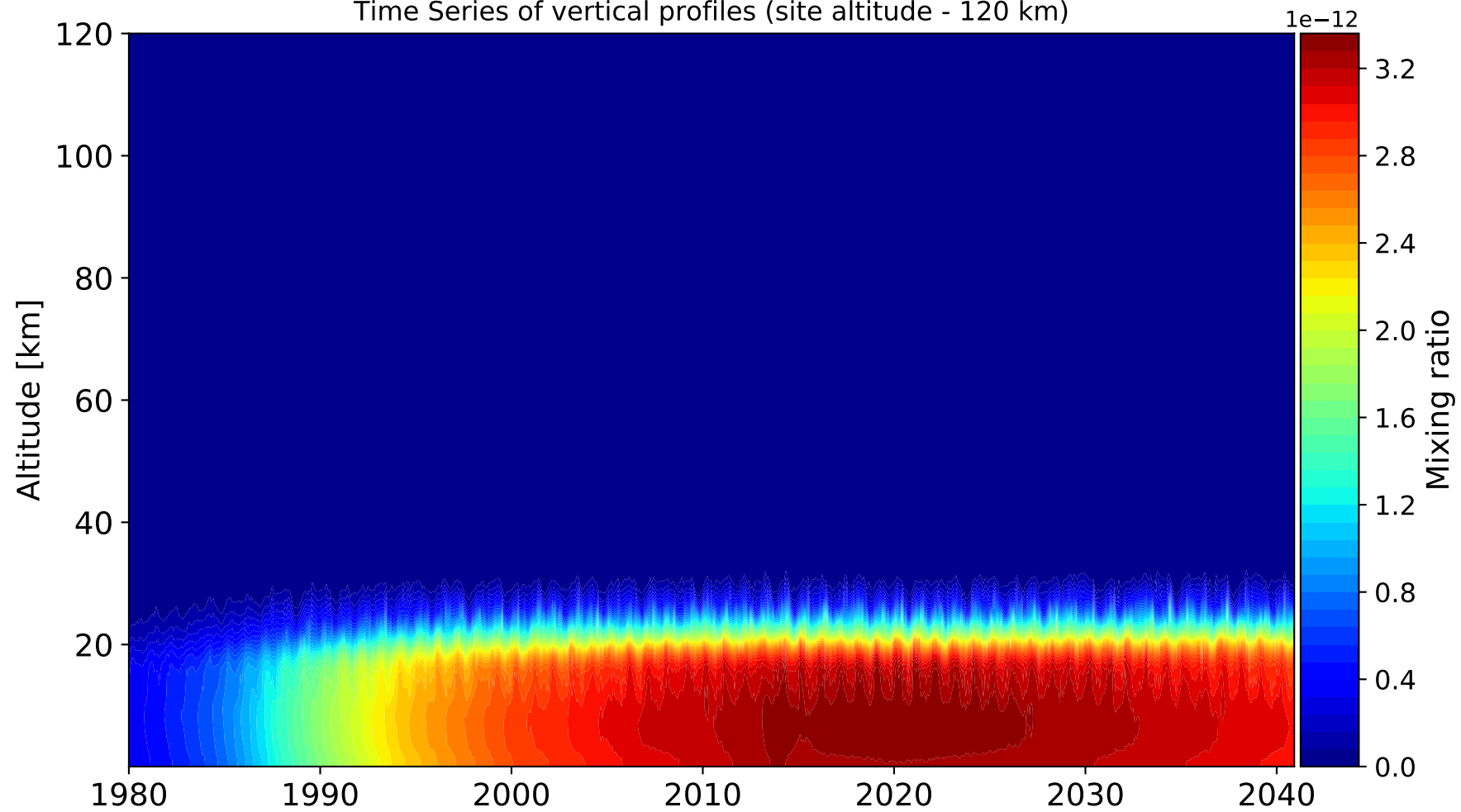
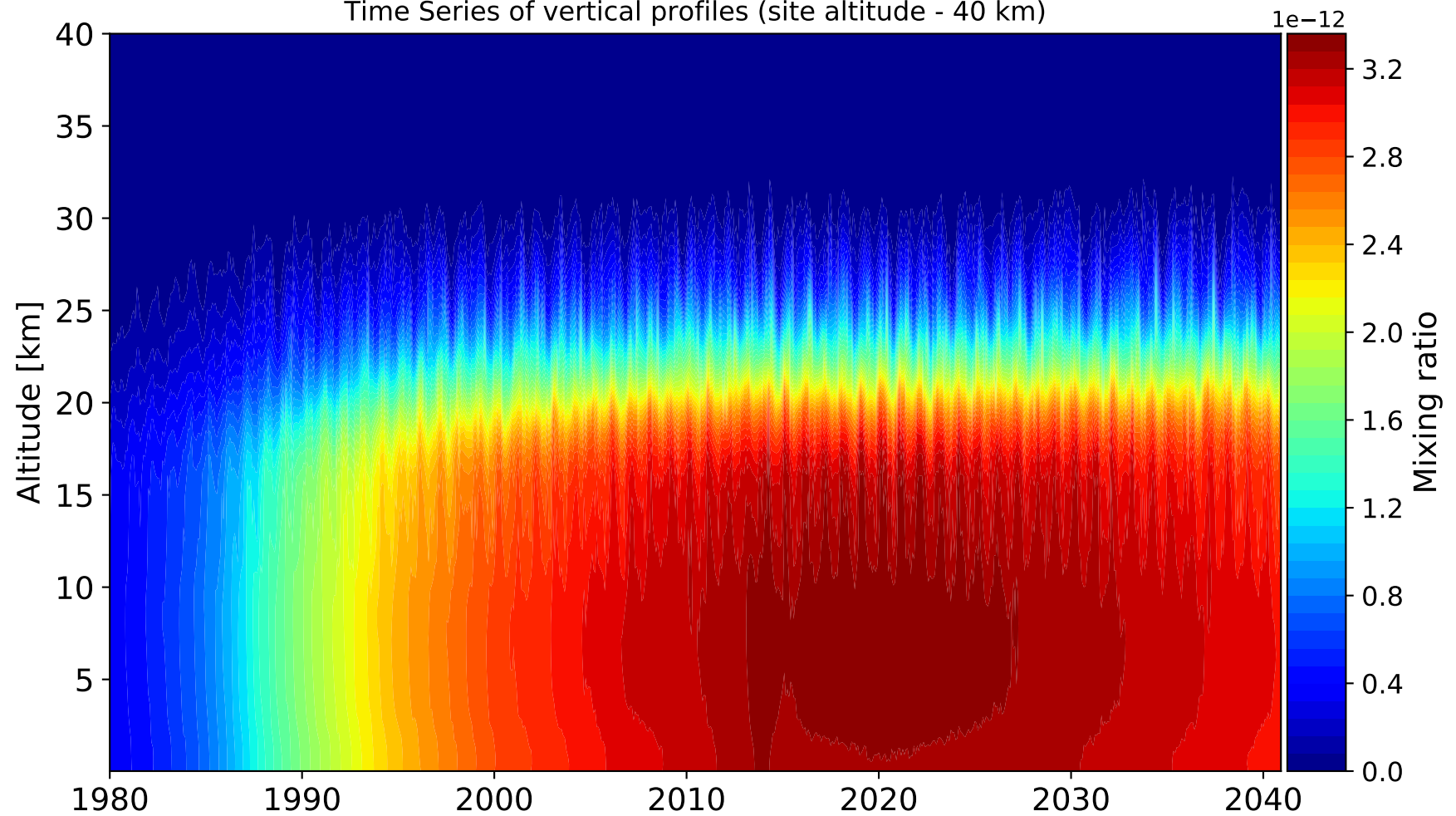


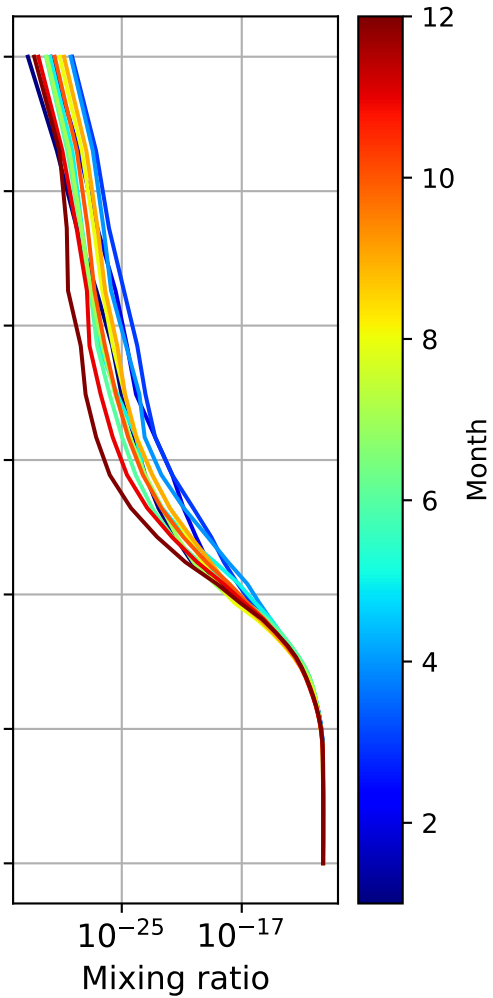
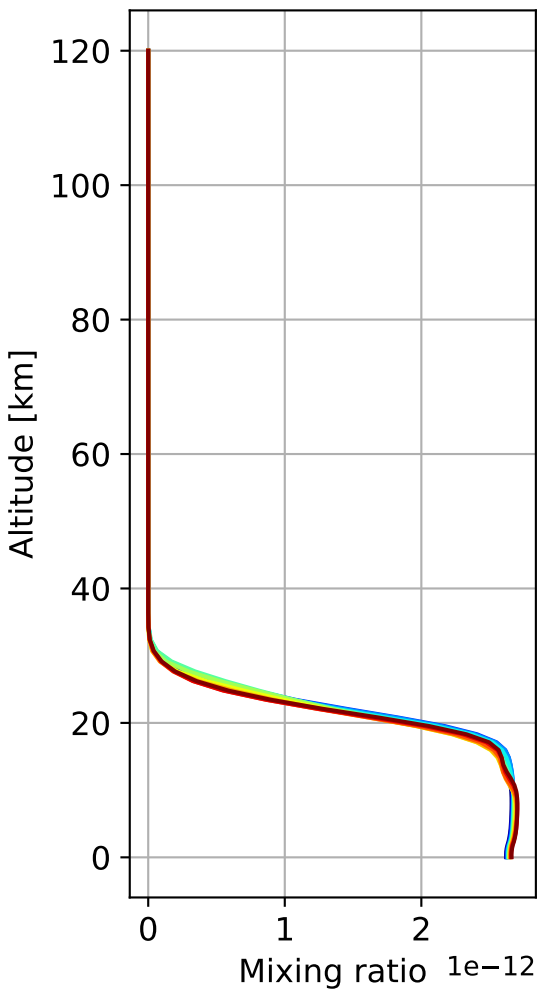
Time Series of vertical profiles (site altitude - 120 km)



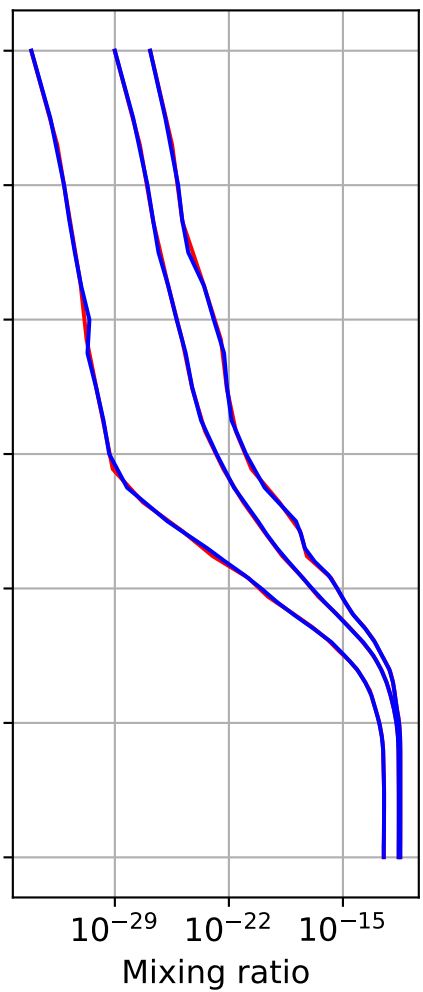
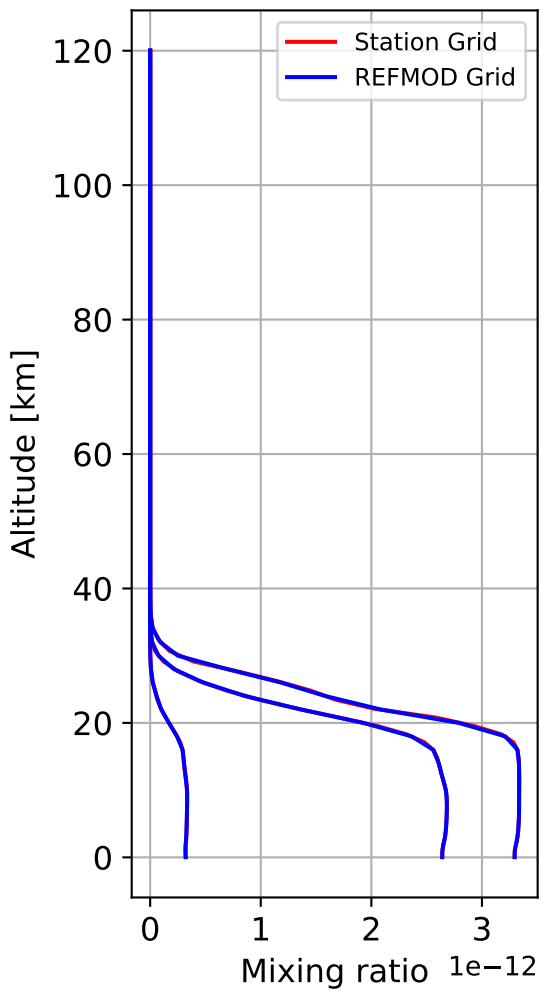
Time Series of vertical profiles (site altitude - 40 km)



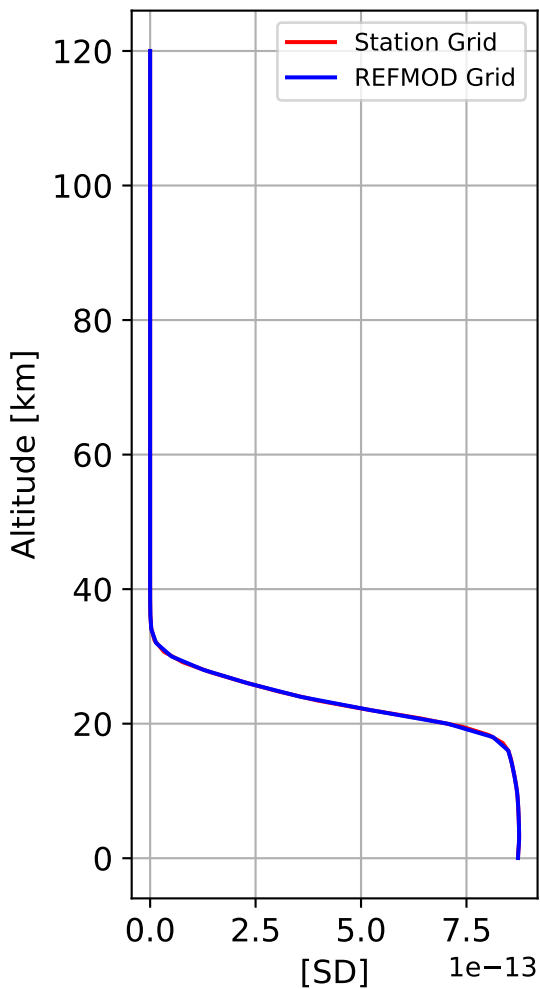
Monthly mean WACCM profile (interpolated to station grid) Wollongong, -34.4061N, 150.8793E, 0.03kmasl



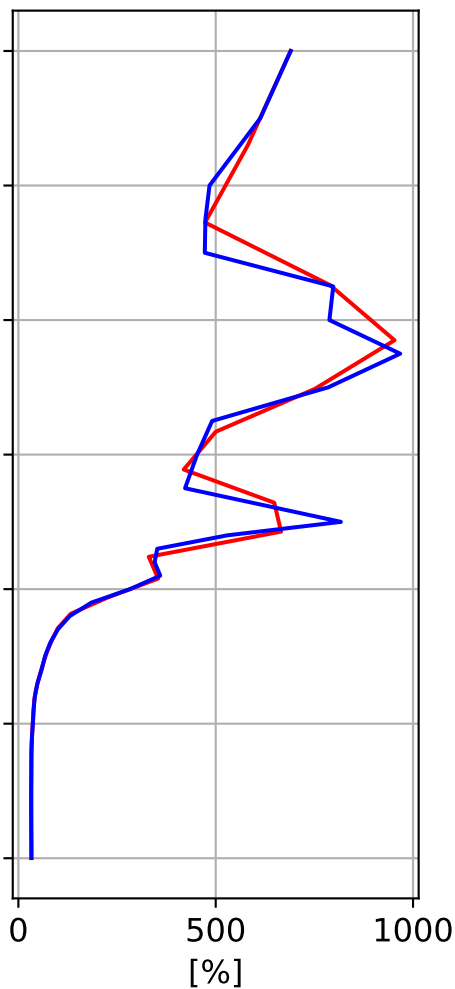
Min, Max, Mean of 732 profiles Wollongong, -34.4061N, 150.8793E, 0.03kmasl



Std. Deviation



Percent Deviation



Level covariance matrix

1e-25

Altitude [km]

120
100
80
60
40
20

20

40

60

80

100

120

Altitude [km]

7.2
6.4
5.6
4.8
4.0
3.2
2.4
1.6
0.8
0.0Mixing ratio[~ 2]