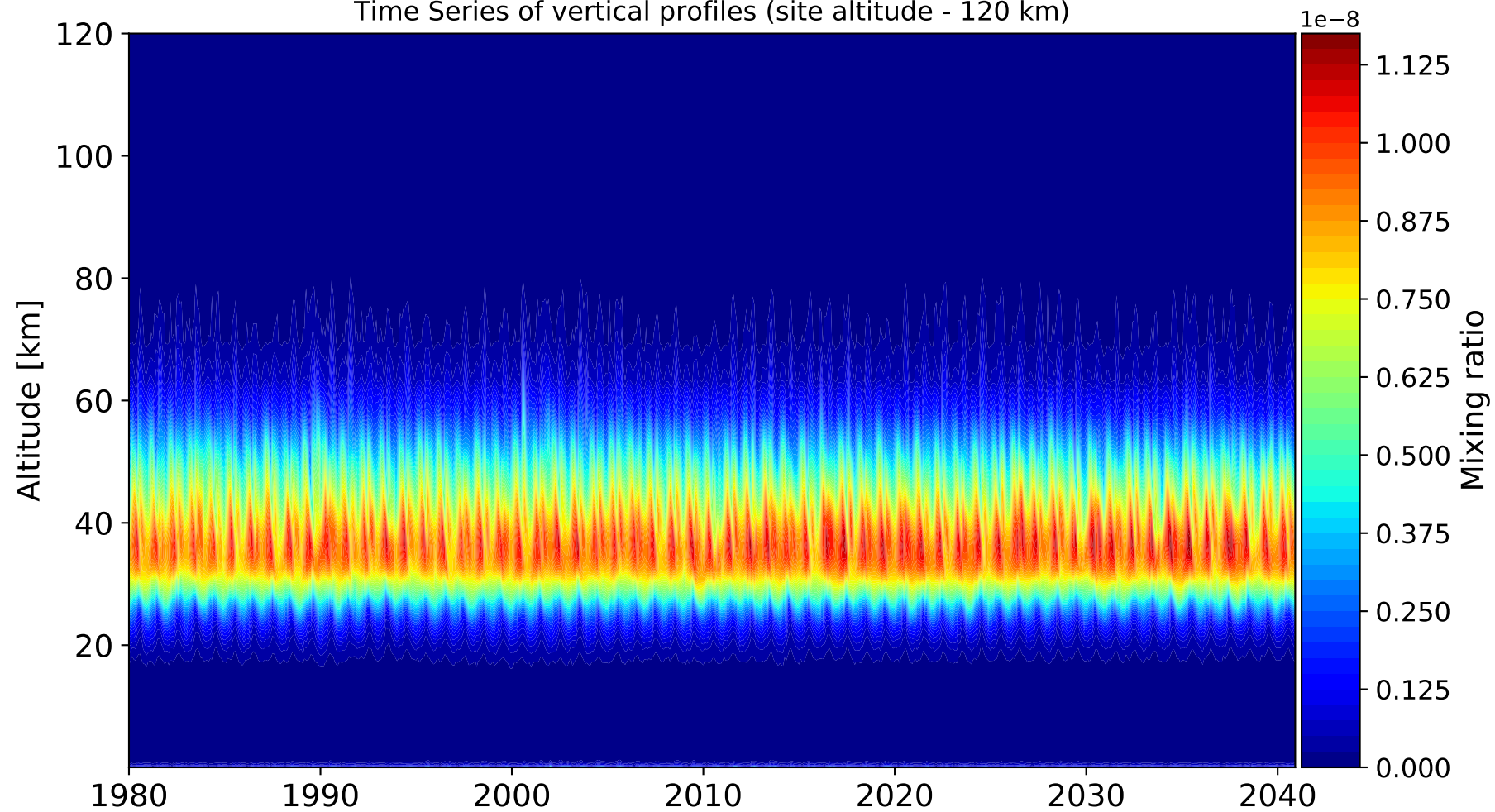
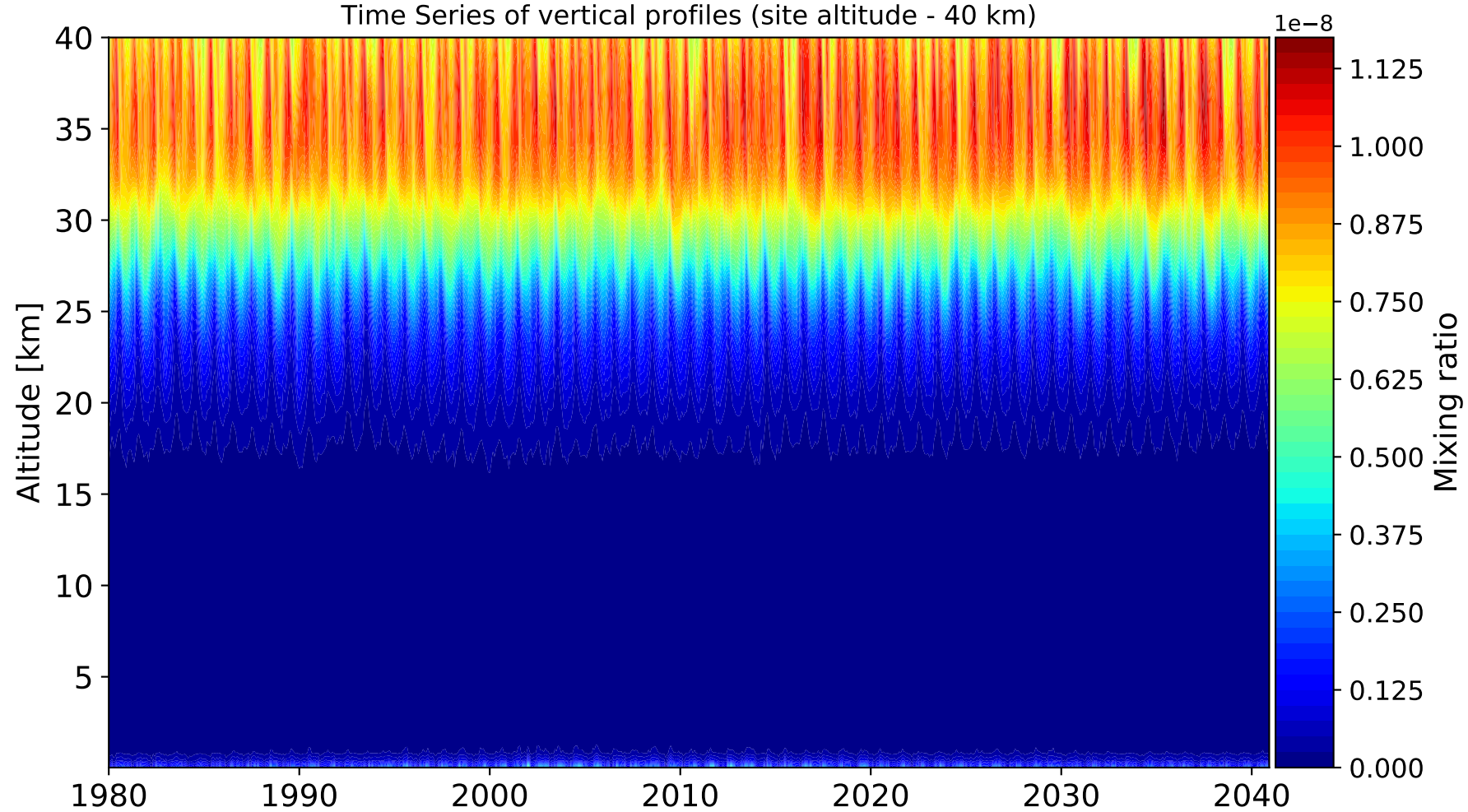


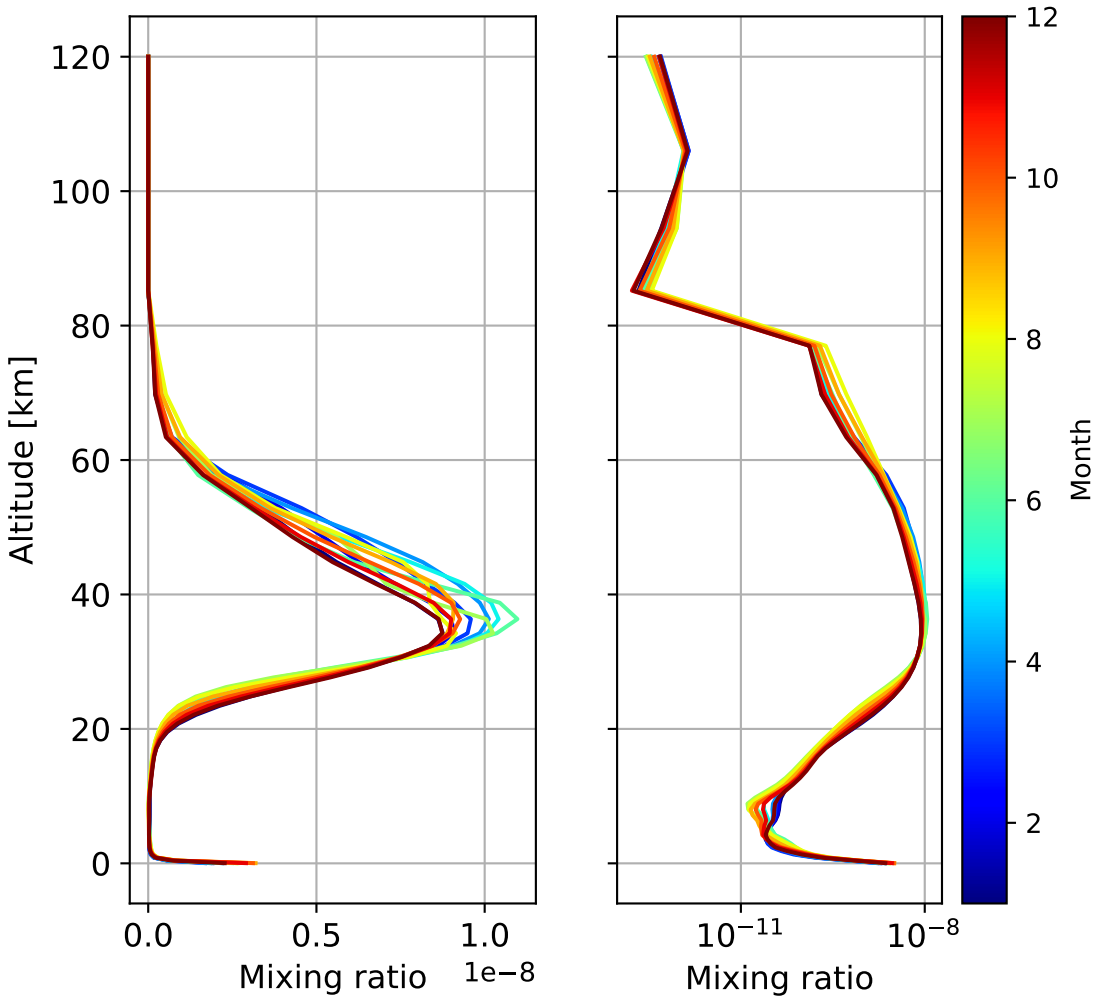
Time Series of vertical profiles (site altitude - 120 km)



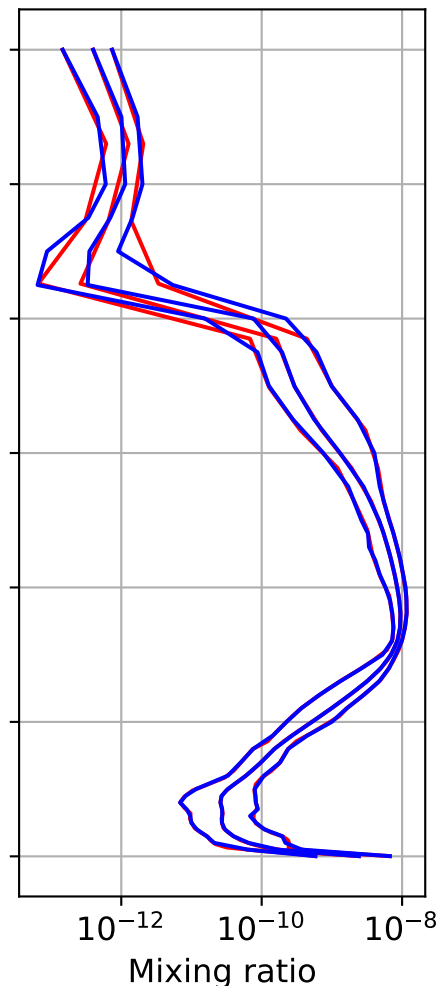
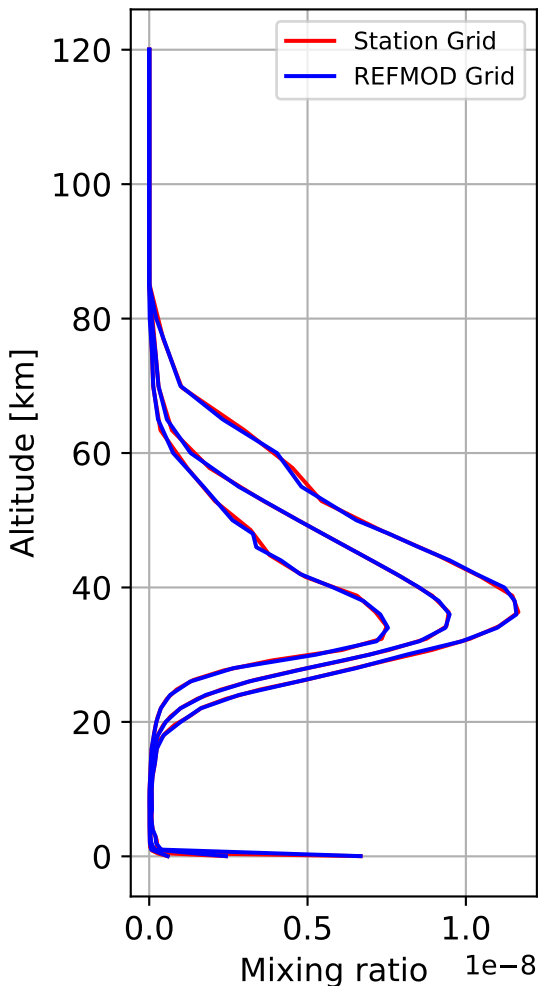
Time Series of vertical profiles (site altitude - 40 km)



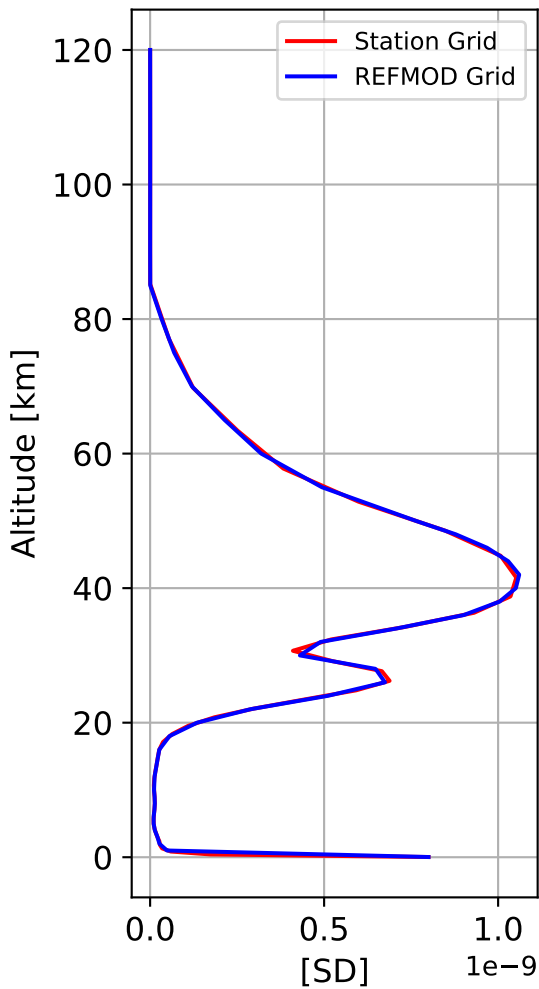
Monthly mean WACCM profile (interpolated to station grid) Wollongong, -34.4061N, 150.8793E, 0.03kmasl



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



Std. Deviation



Percent Deviation



Level covariance matrix

$1e-18$

Altitude [km]

120
100
80
60
40
20

20

Altitude [km]

40

60

80

100

120

Mixing ratio[~ 2]

1.05

0.90

0.75

0.60

0.45

0.30

0.15

0.00

-0.15

