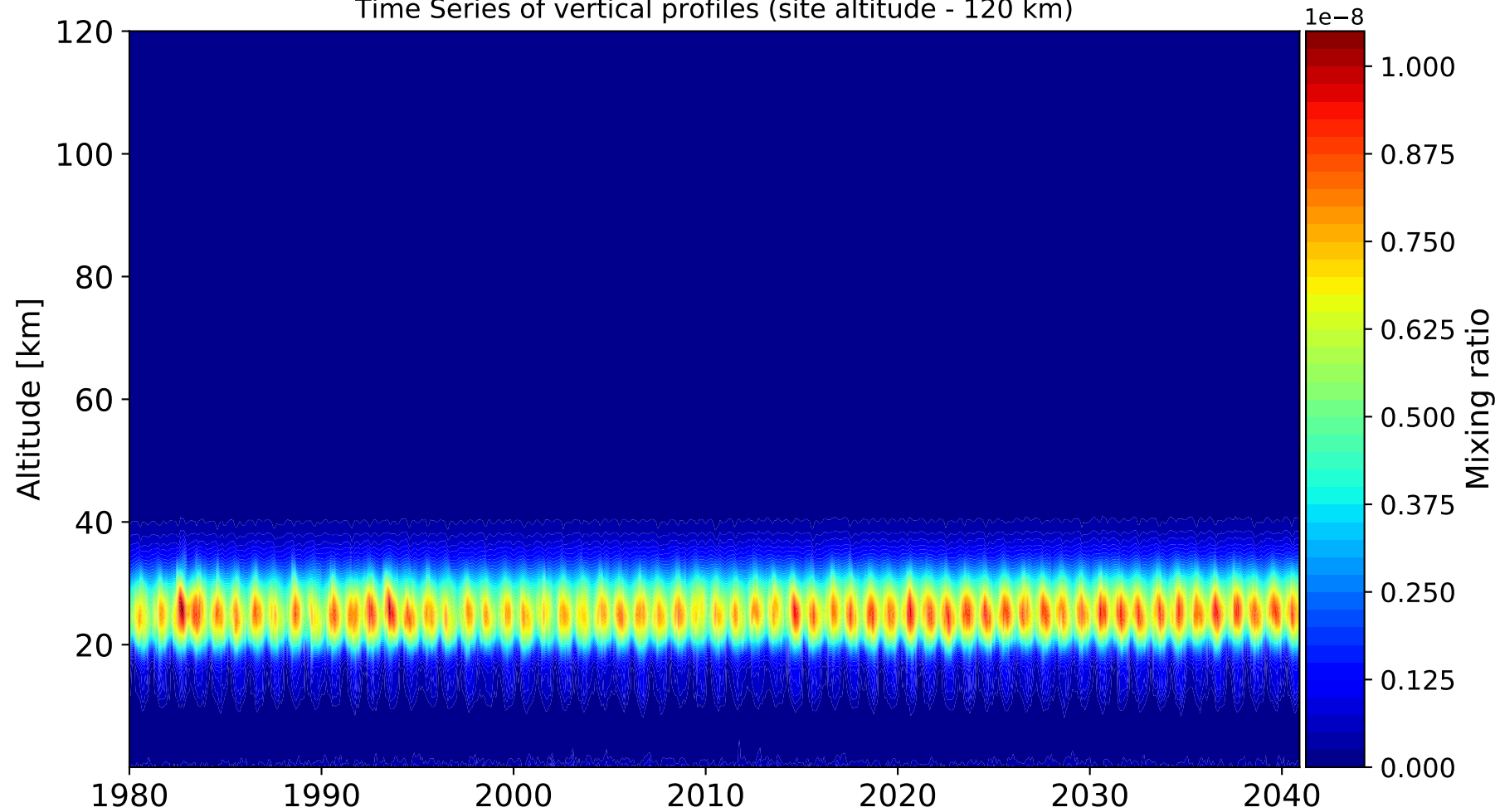
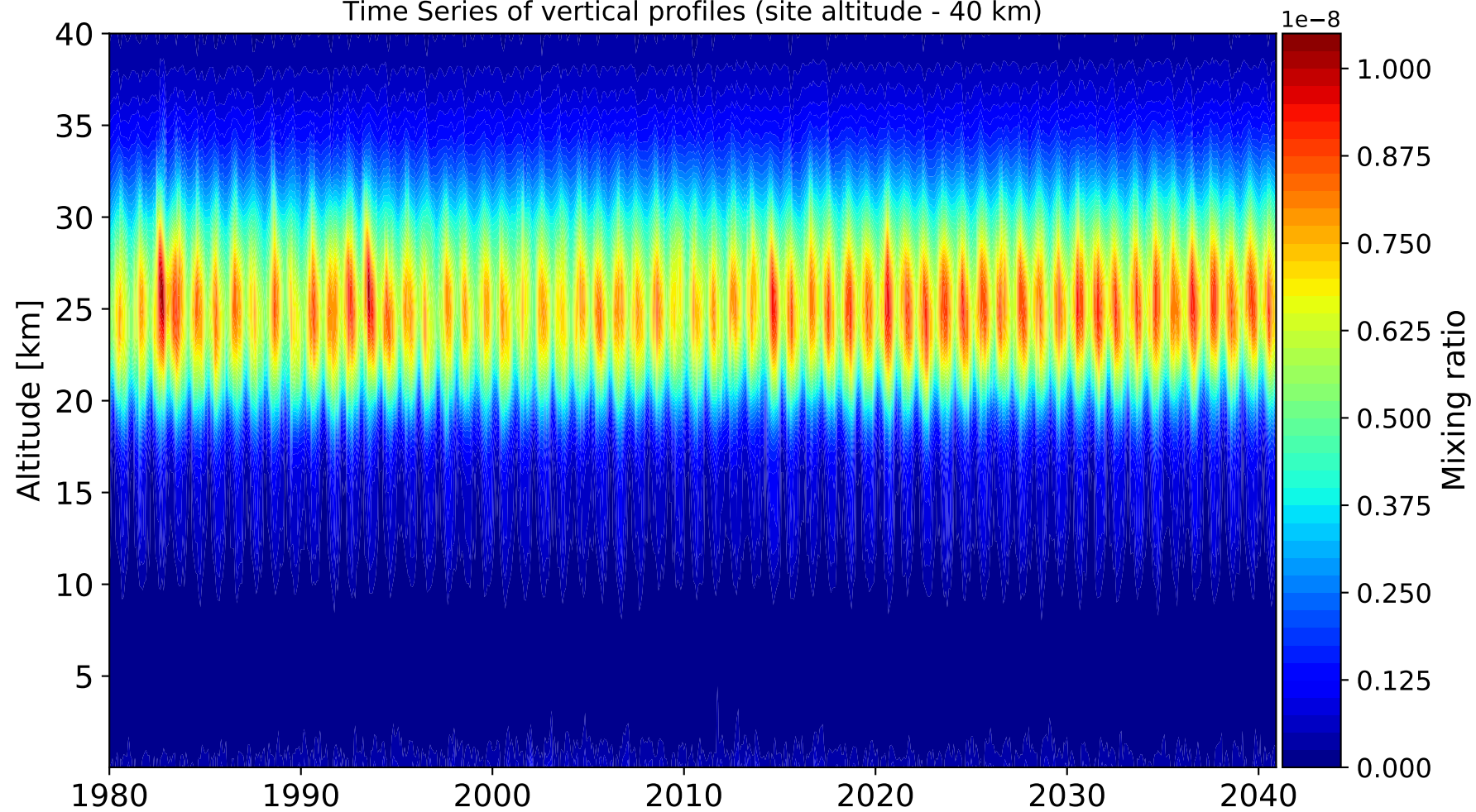


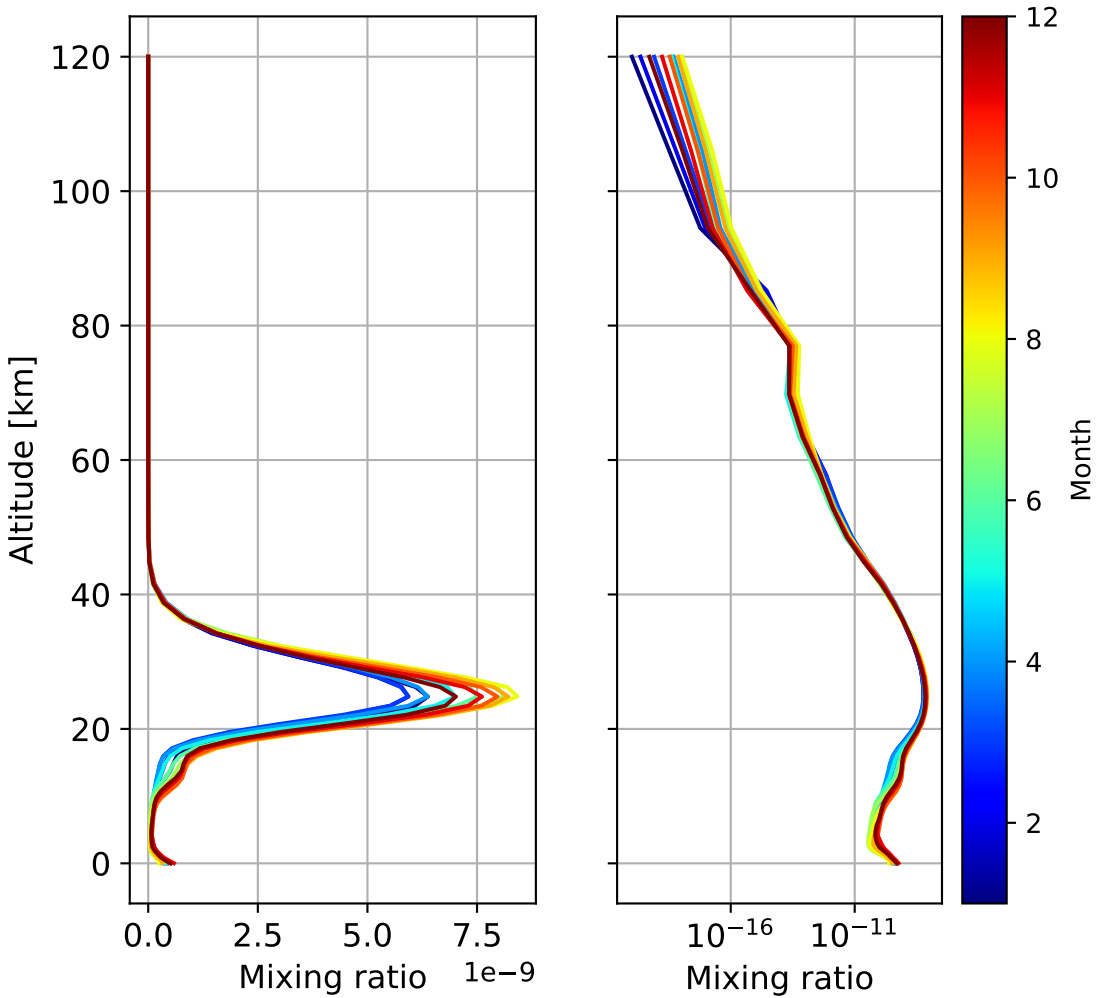
Time Series of vertical profiles (site altitude - 120 km)



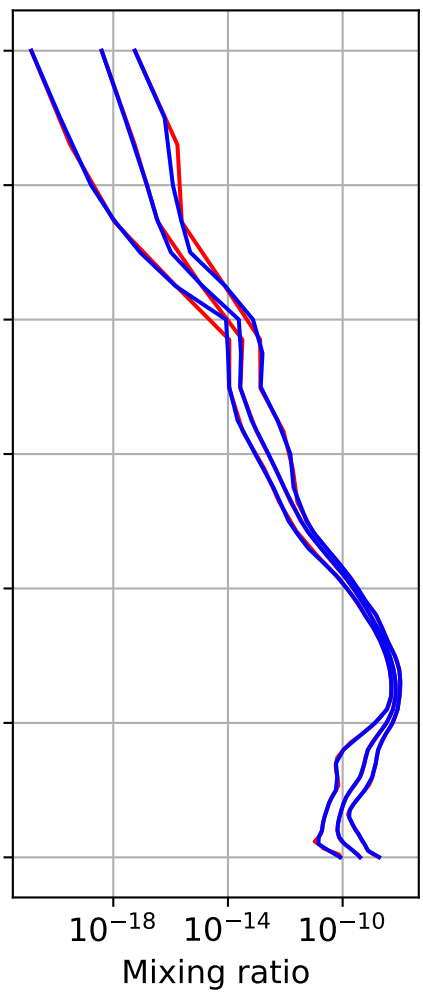
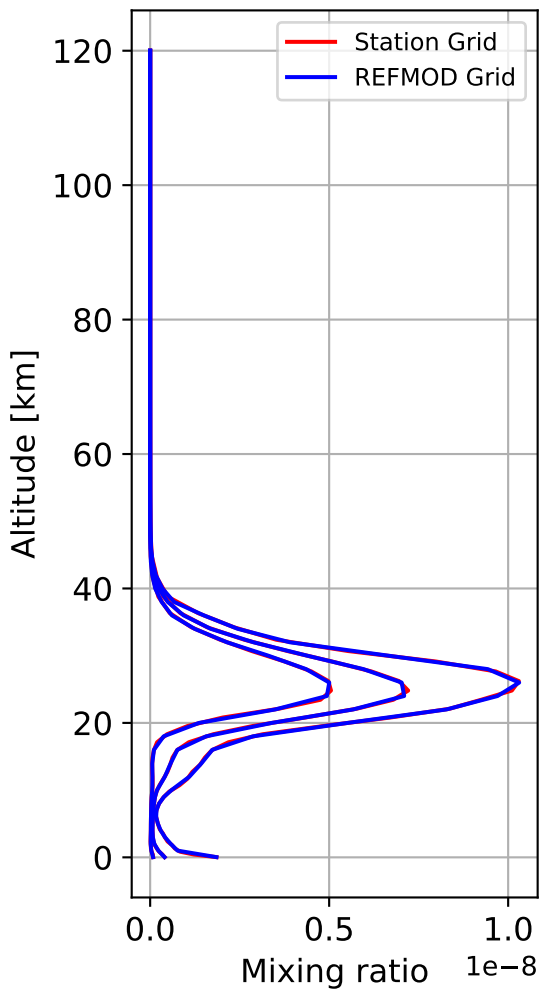
Time Series of vertical profiles (site altitude - 40 km)



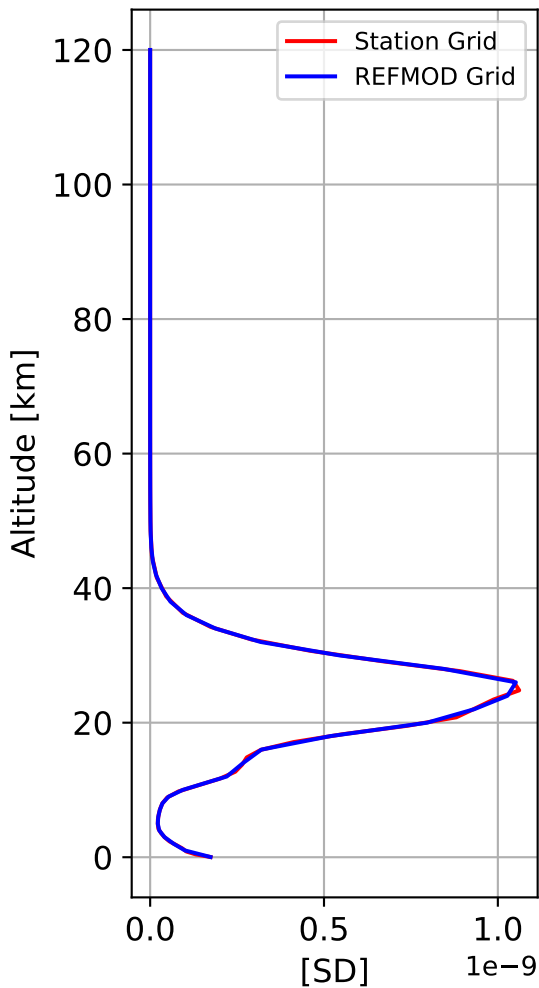
Monthly mean WACCM profile (interpolated to station grid) Wollongong, -34.4061N, 150.8793E, 0.03kmasl



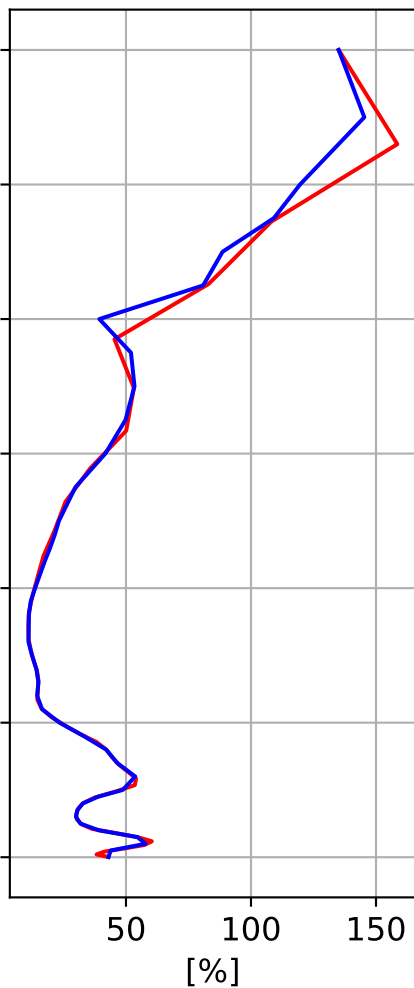
Min, Max, Mean of 732 profiles
Wollongong, -34.4061N, 150.8793E, 0.03kmasl



Std. Deviation



Percent Deviation

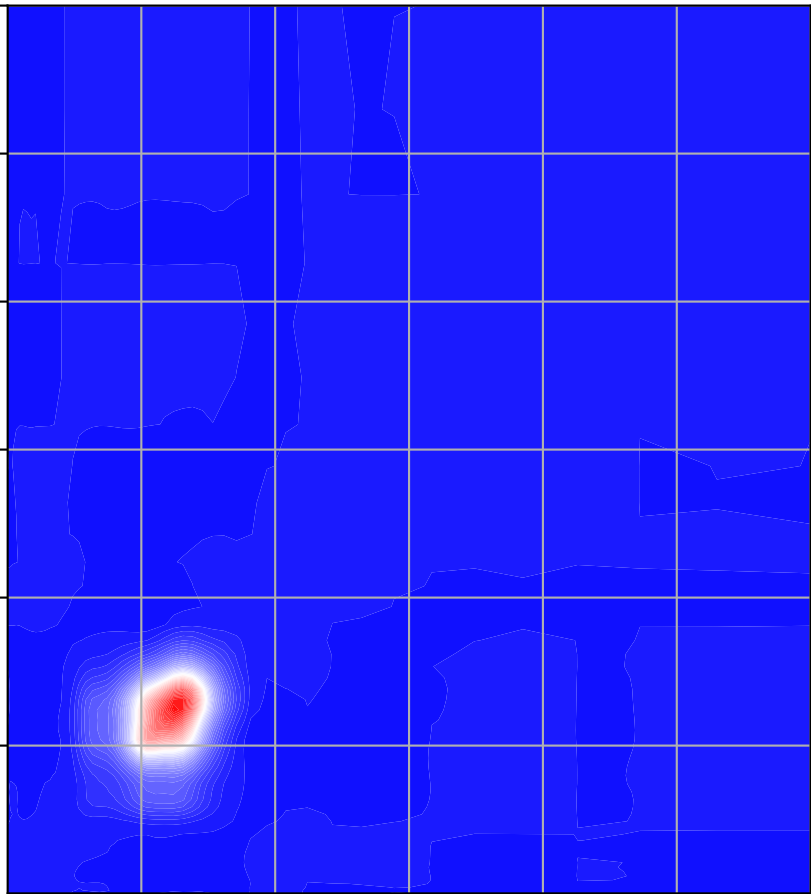


Level covariance matrix

$1e-18$

Altitude [km]

120
100
80
60
40
20



20

Altitude [km]

40

60

80

100

120

1.125
1.000
0.875
0.750
0.625
0.500
0.375
0.250
0.125
0.000

Mixing ratio[²]