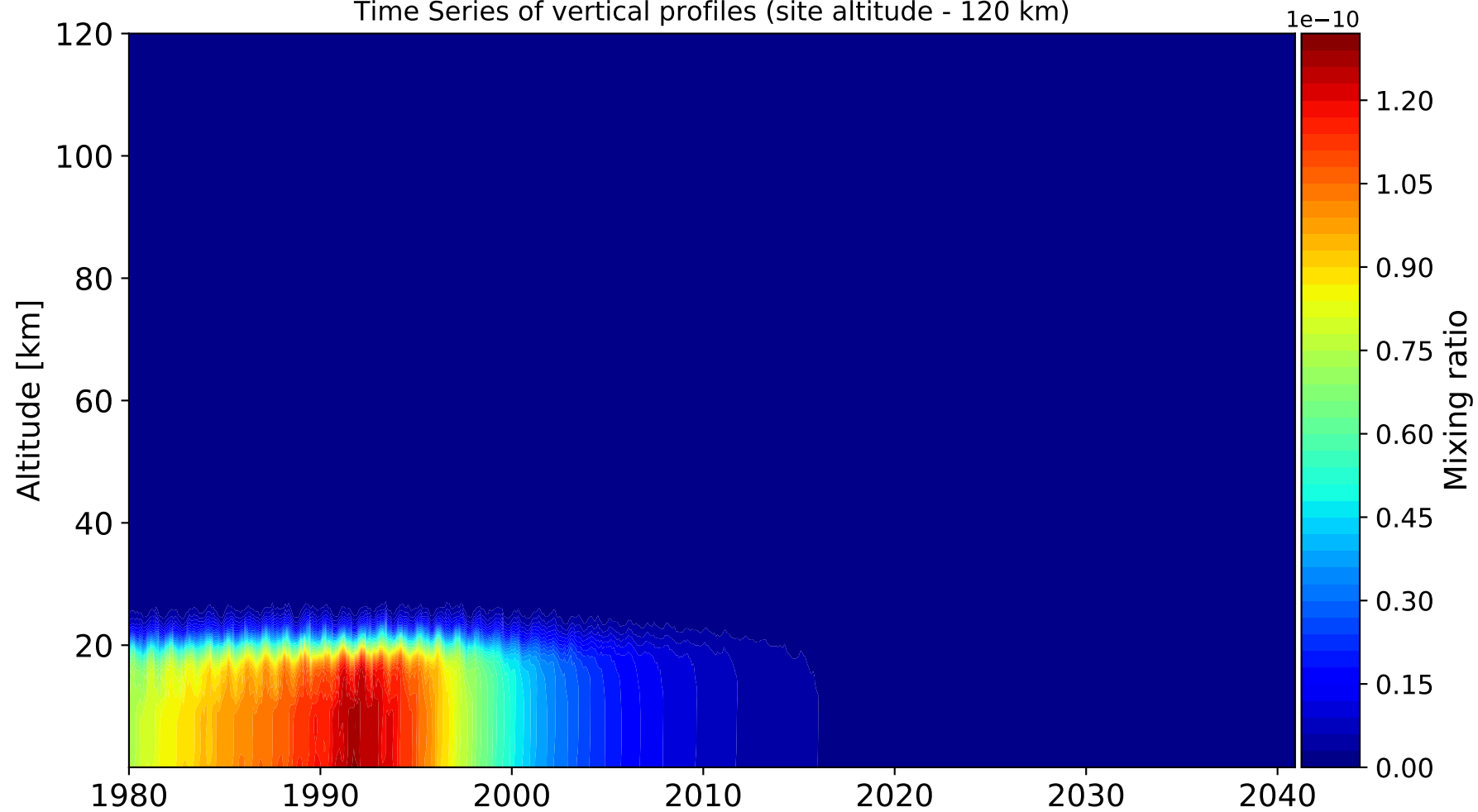
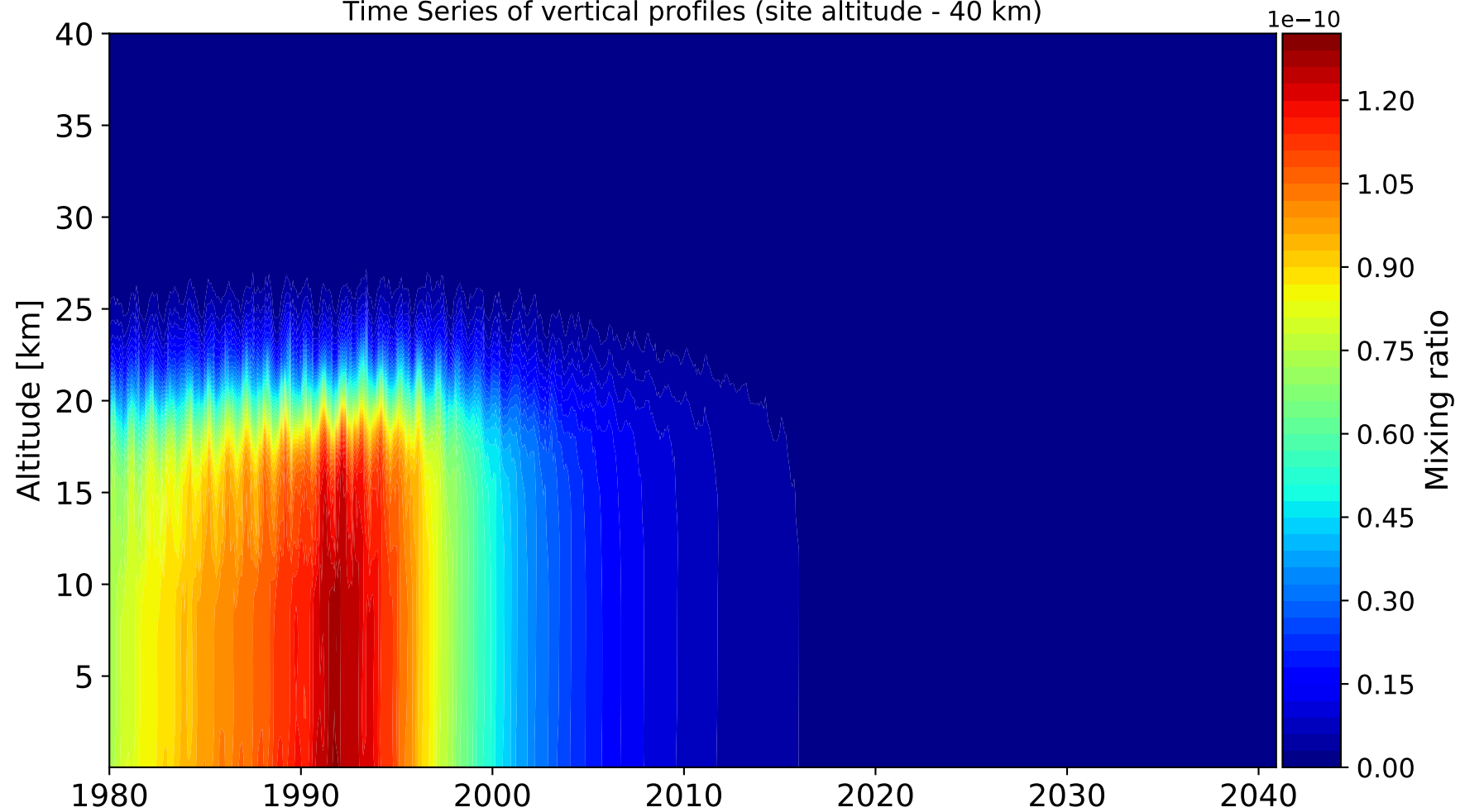


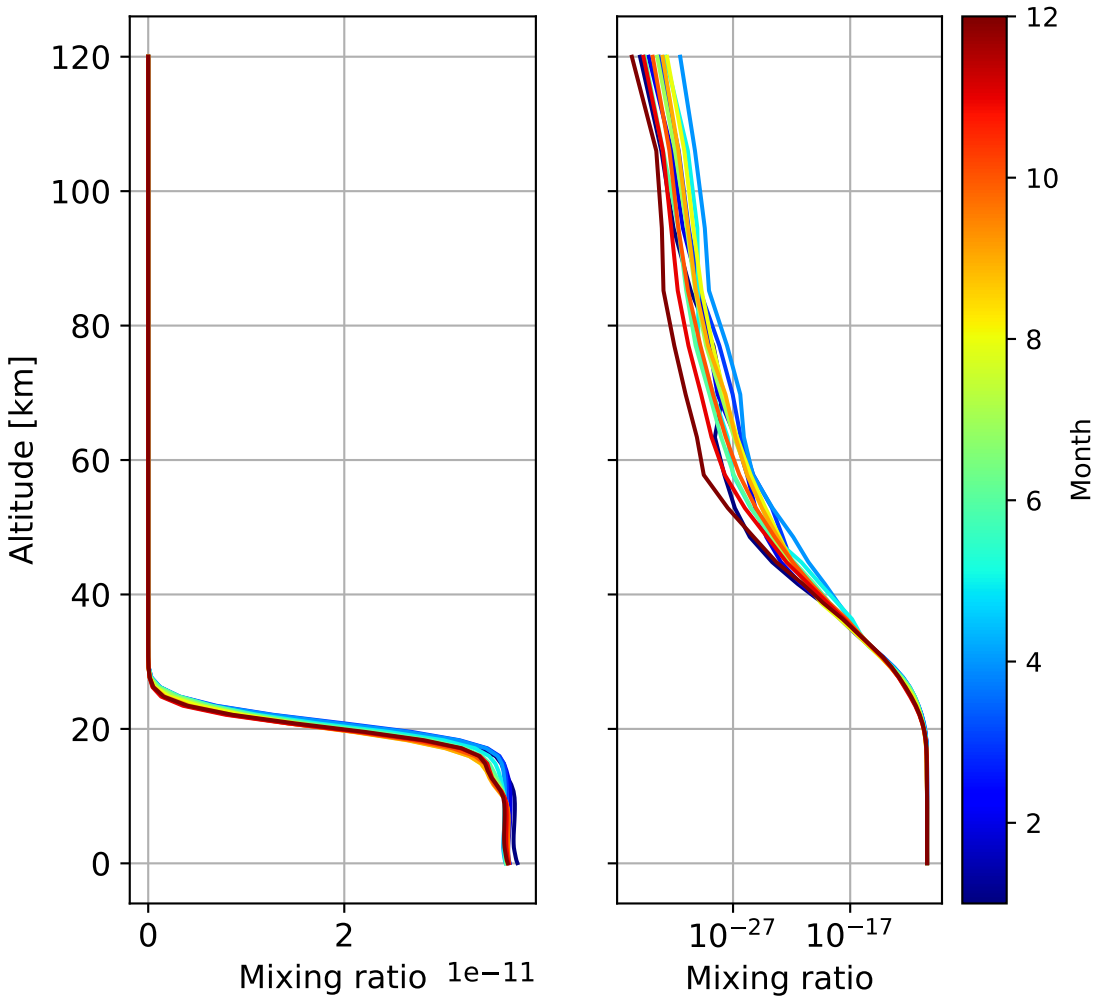
Time Series of vertical profiles (site altitude - 120 km)



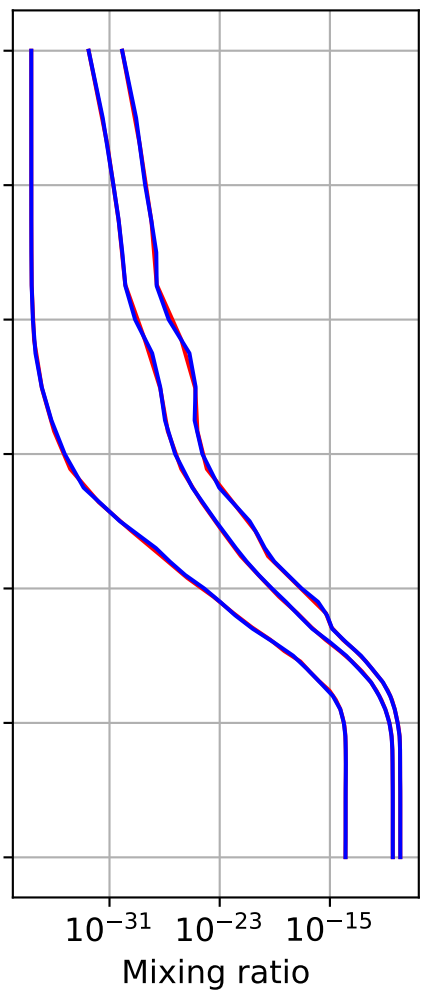
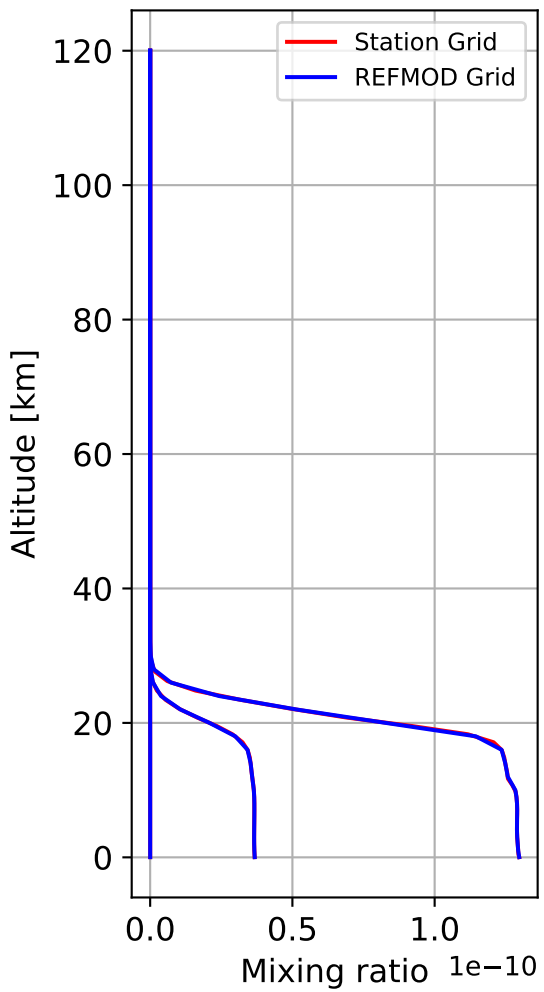
Time Series of vertical profiles (site altitude - 40 km)



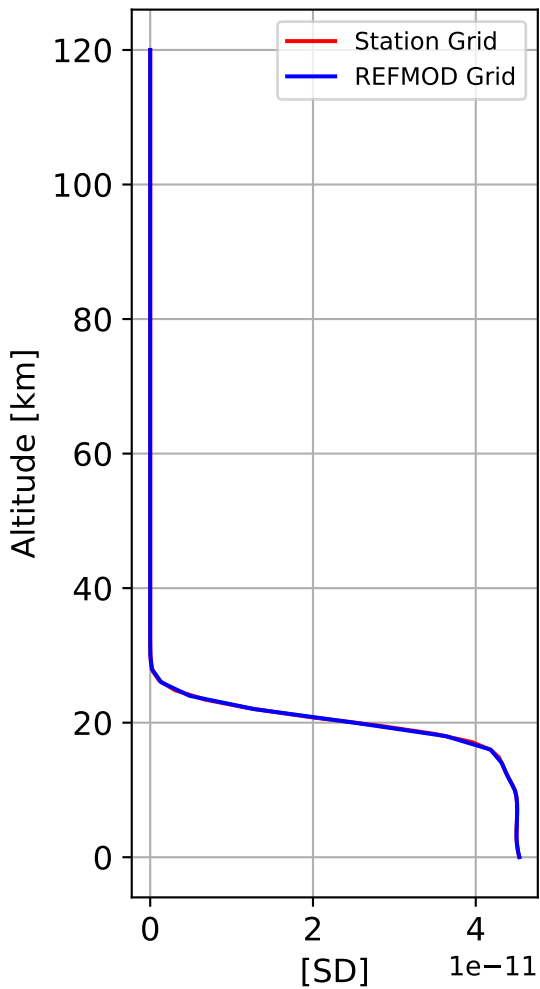
Monthly mean WACCM profile (interpolated to station grid) Wollongong, -34.4061N, 150.8793E, 0.03kmasl



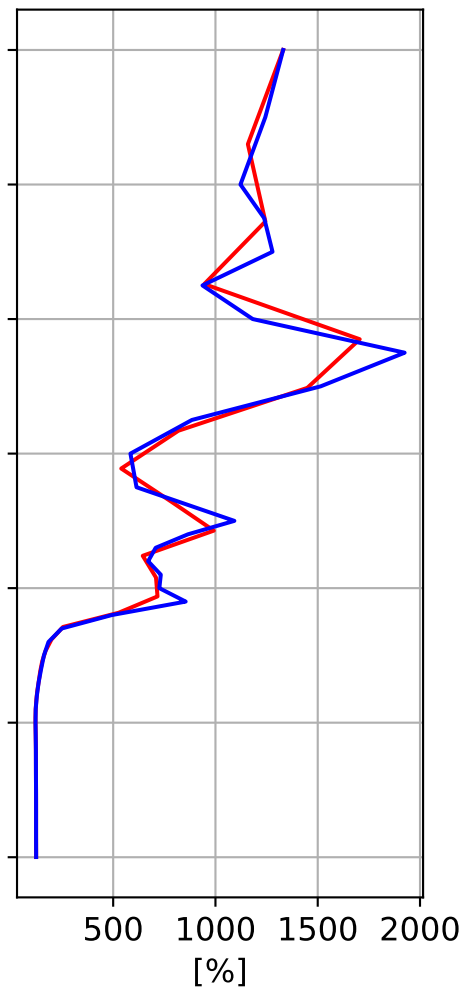
Min, Max, Mean of 732 profiles
Wollongong, -34.4061N, 150.8793E, 0.03kmasl



Std. Deviation



Percent Deviation

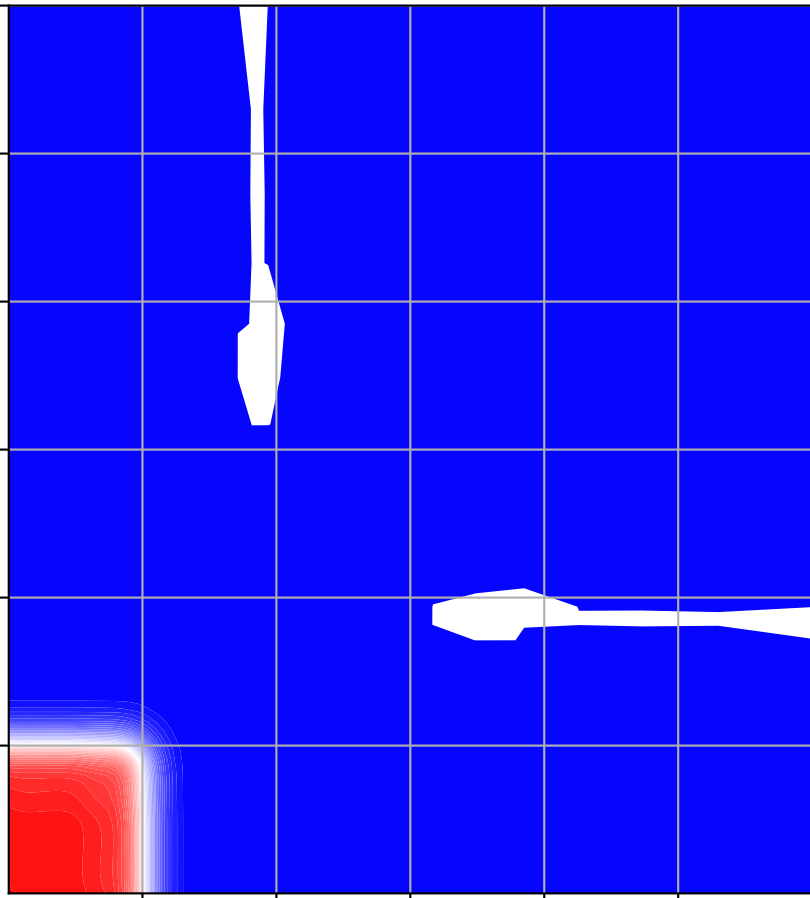


Level covariance matrix

$1e-21$

Altitude [km]

120
100
80
60
40
20



20

Altitude [km]

60

80

100

120

2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00

Mixing ratio [^2]