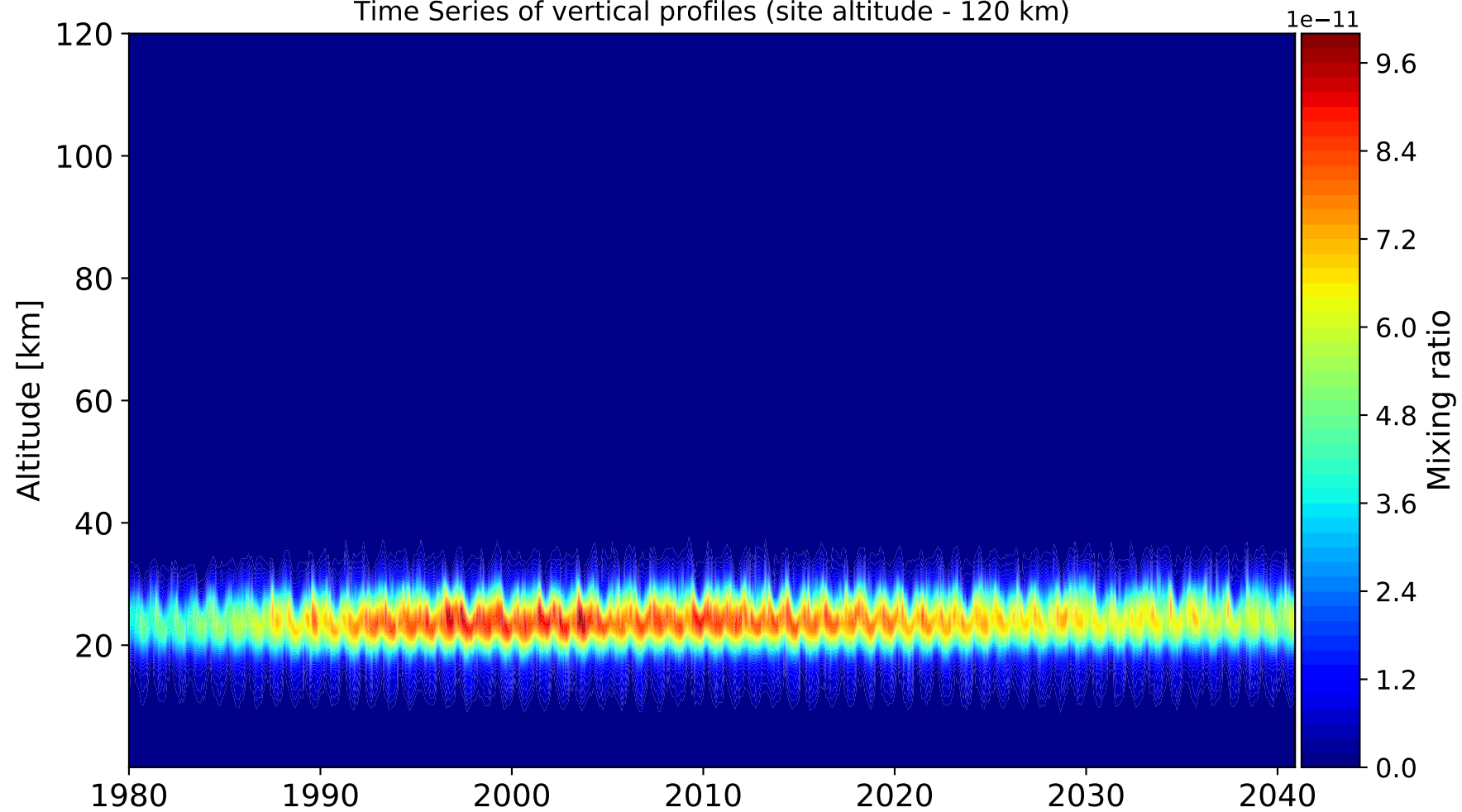
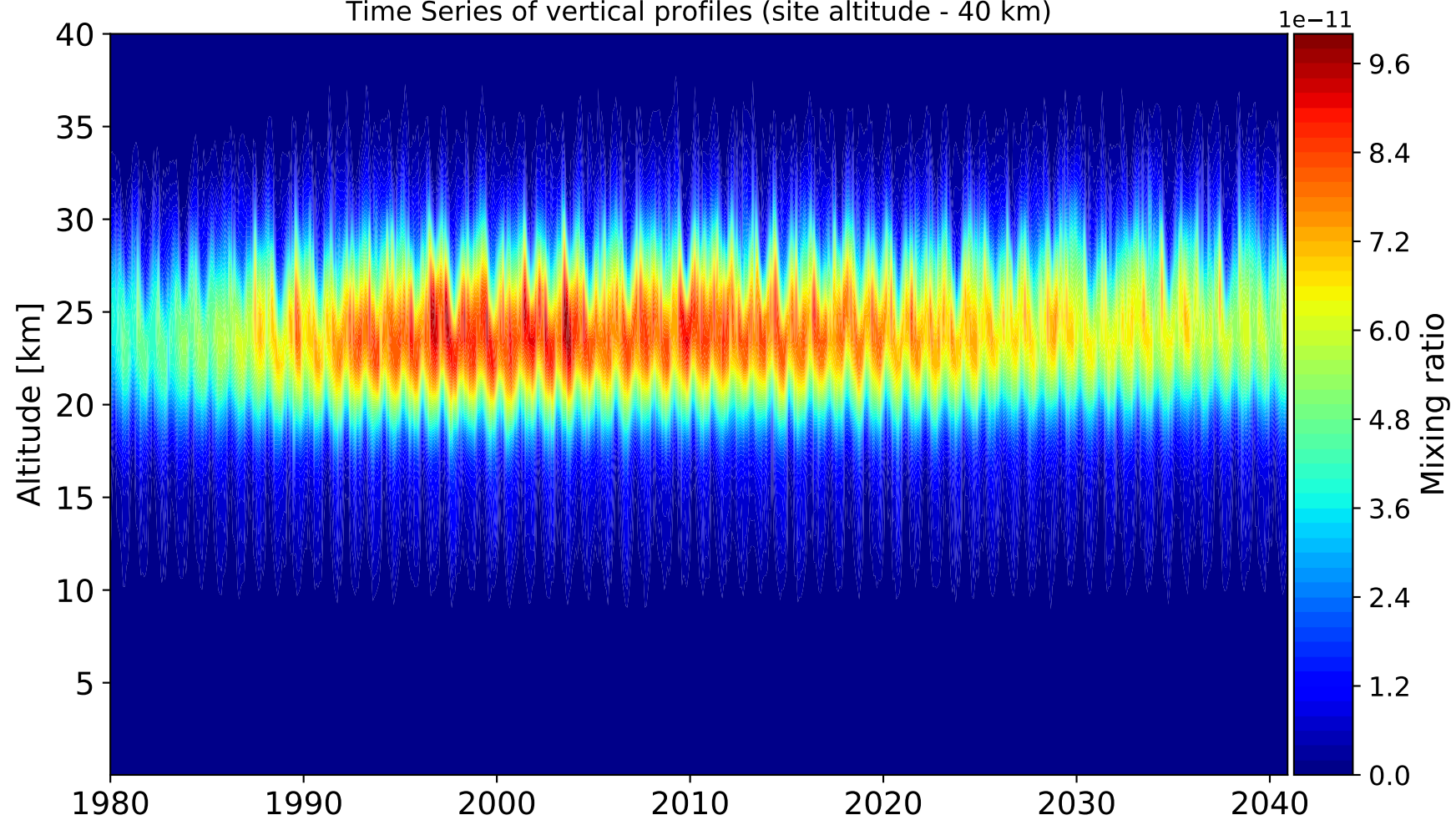


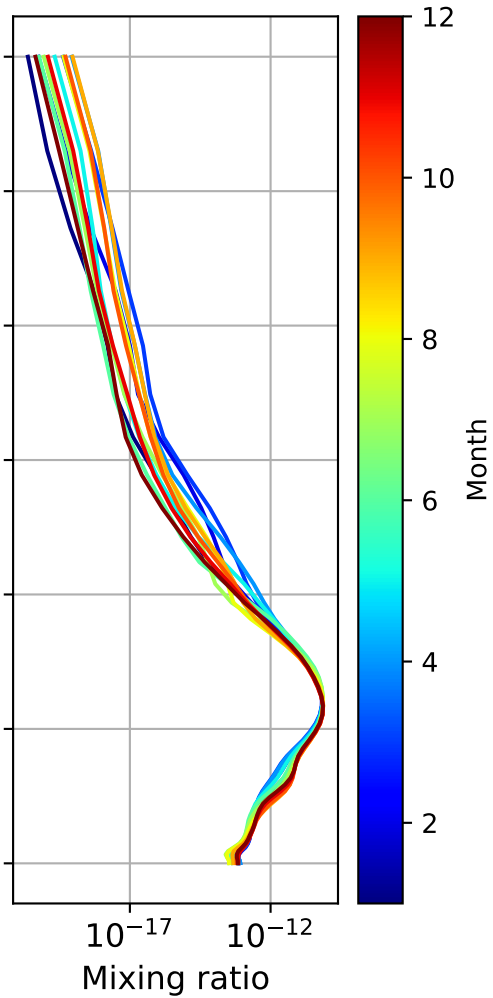
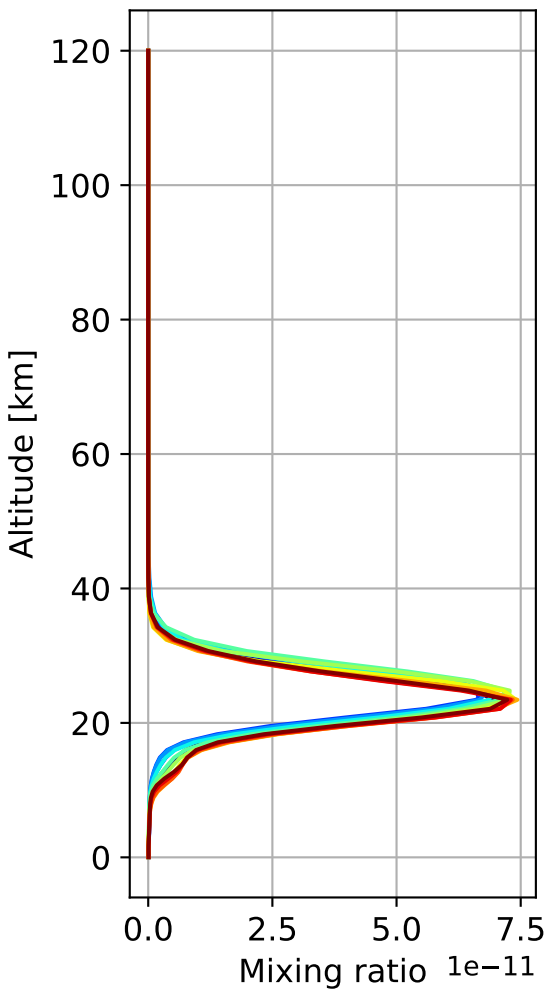
Time Series of vertical profiles (site altitude - 120 km)



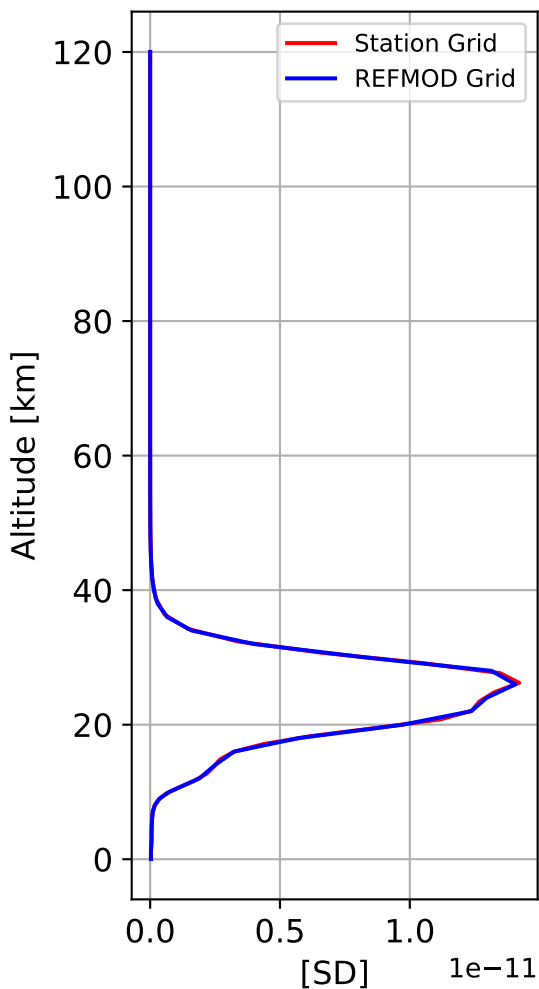
Time Series of vertical profiles (site altitude - 40 km)



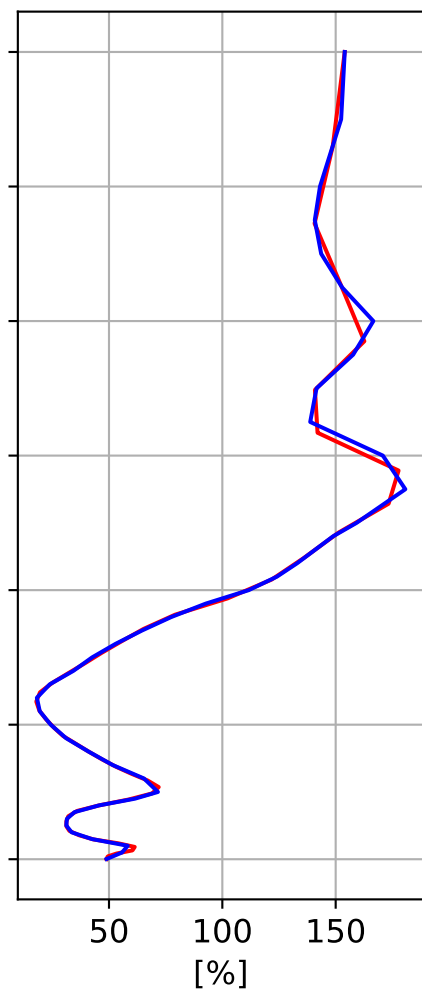
Monthly mean WACCM profile (interpolated to station grid) Wollongong, -34.4061N, 150.8793E, 0.03kmasl



Std. Deviation



Percent Deviation

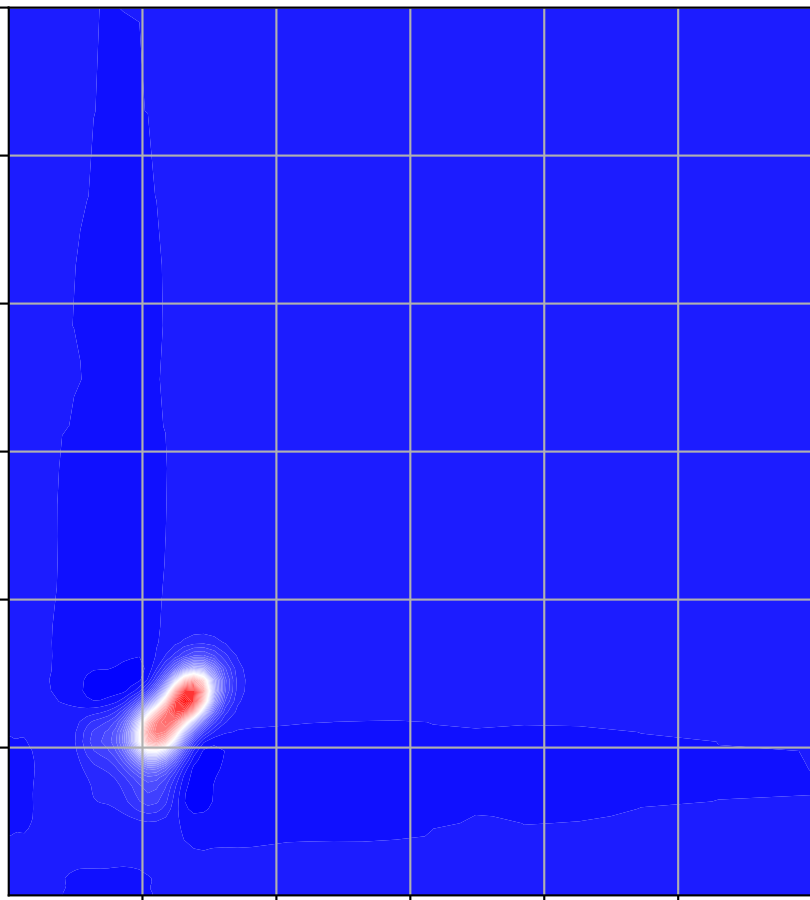


Level covariance matrix

$1e-22$

Altitude [km]

120
100
80
60
40
20



2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00

Mixing ratio[~ 2]

20 40 60 80 100 120

Altitude [km]