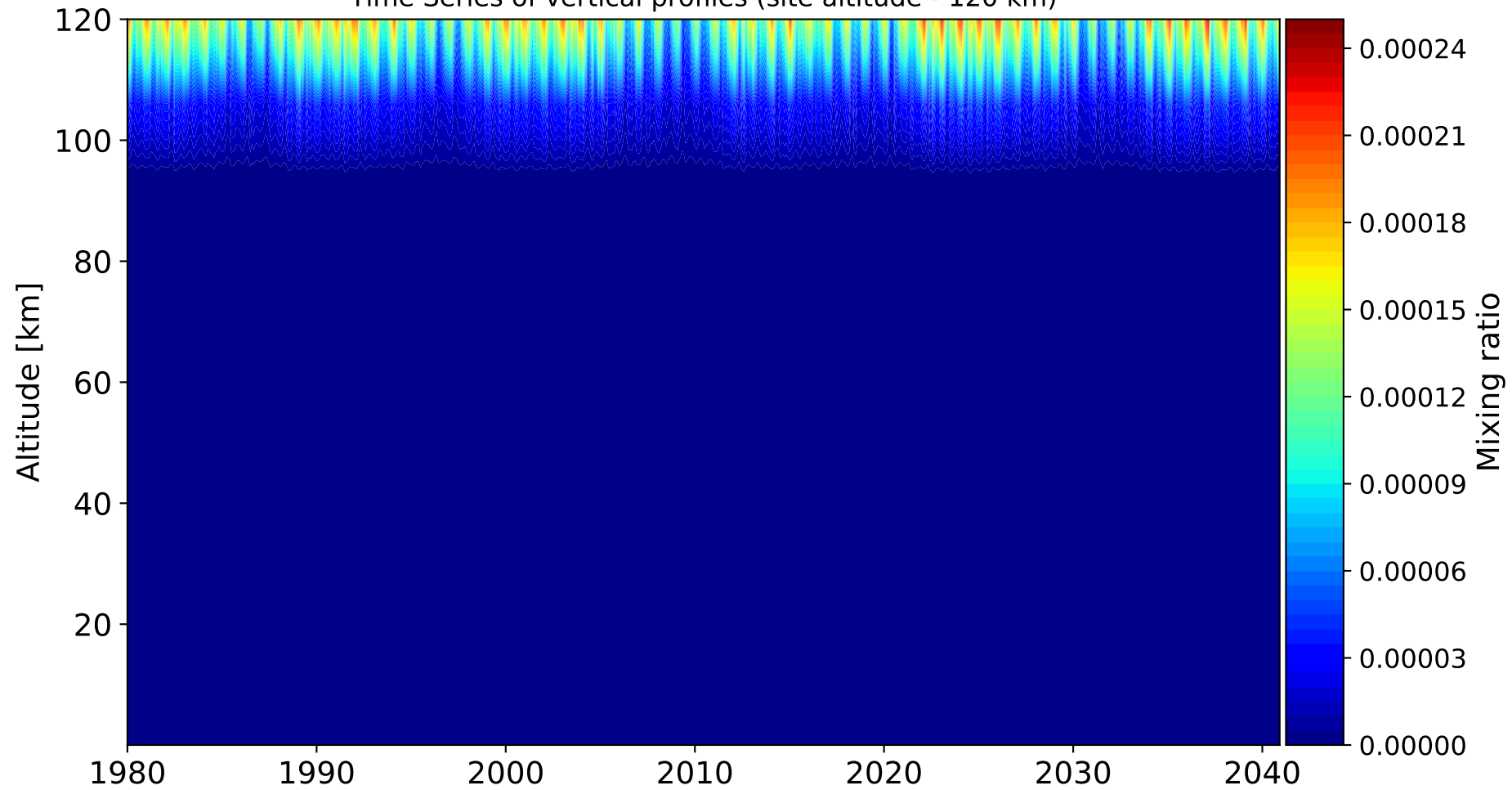
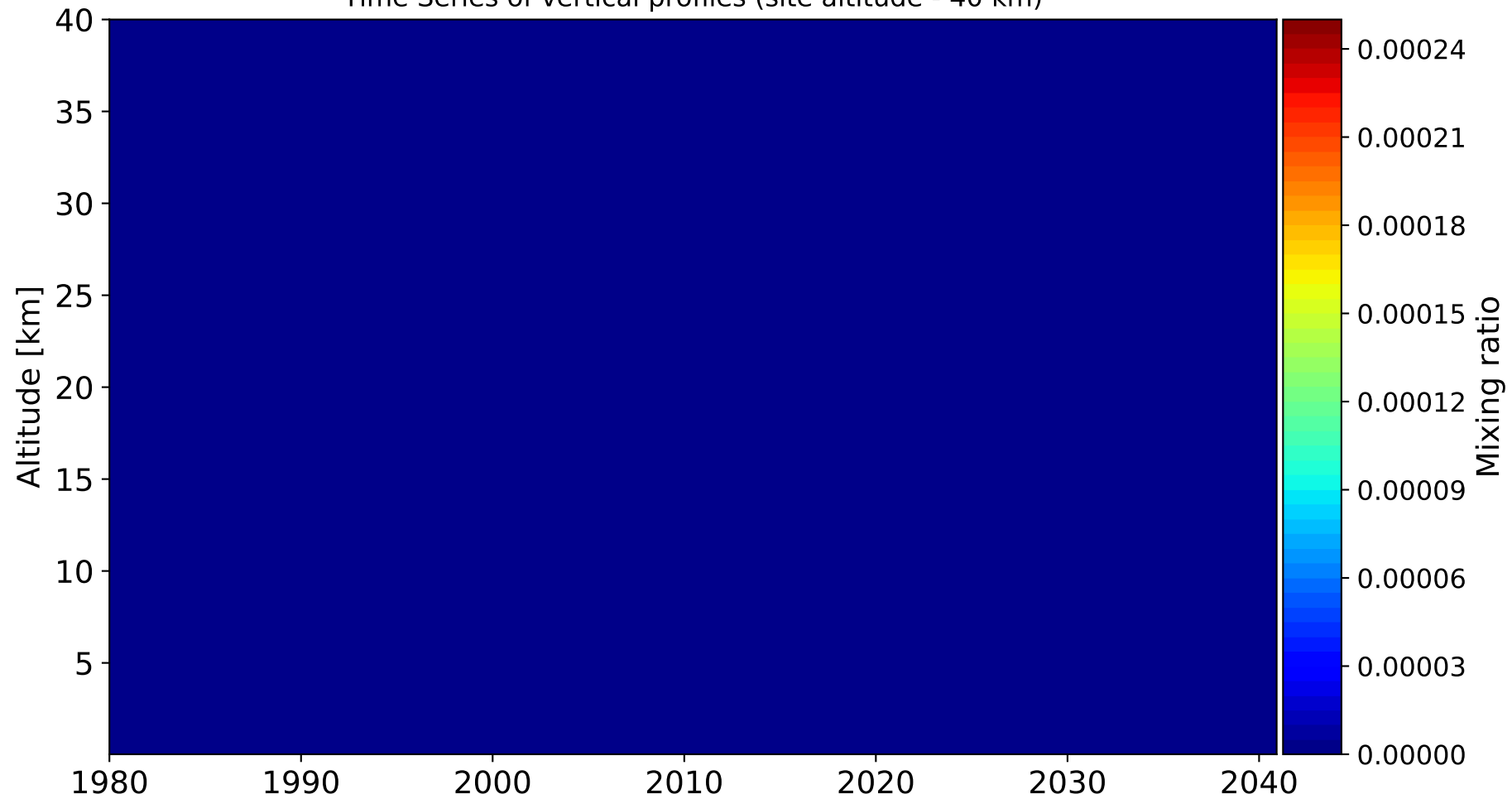


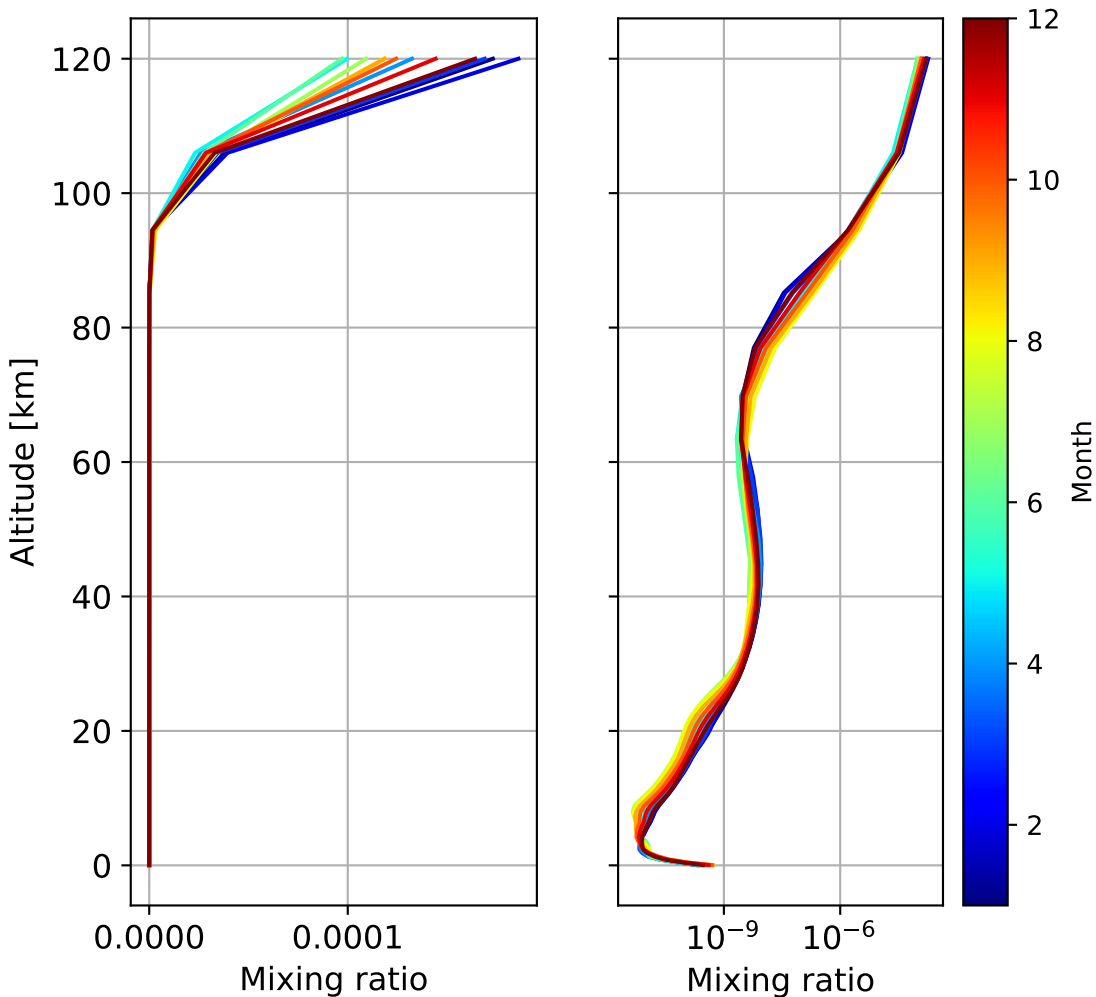
Time Series of vertical profiles (site altitude - 120 km)



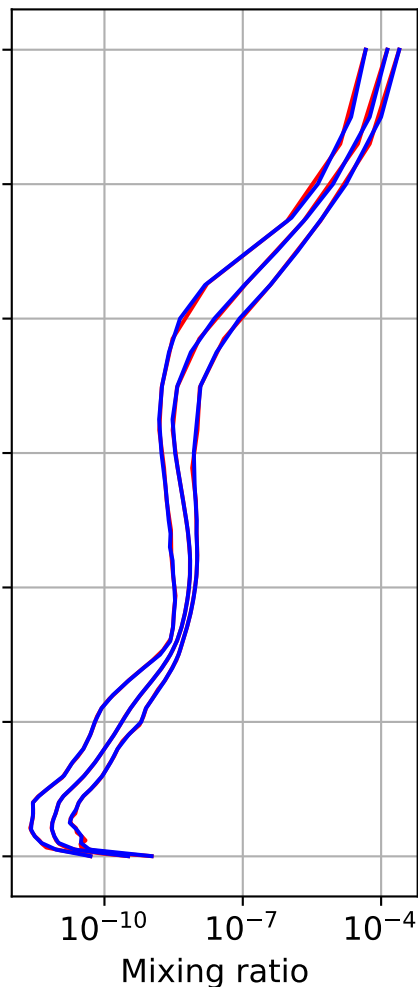
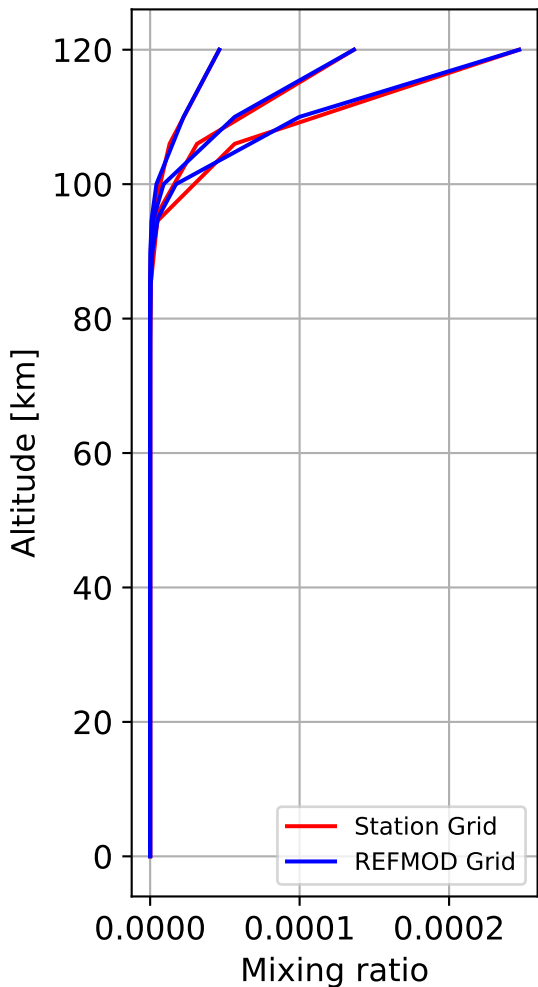
Time Series of vertical profiles (site altitude - 40 km)



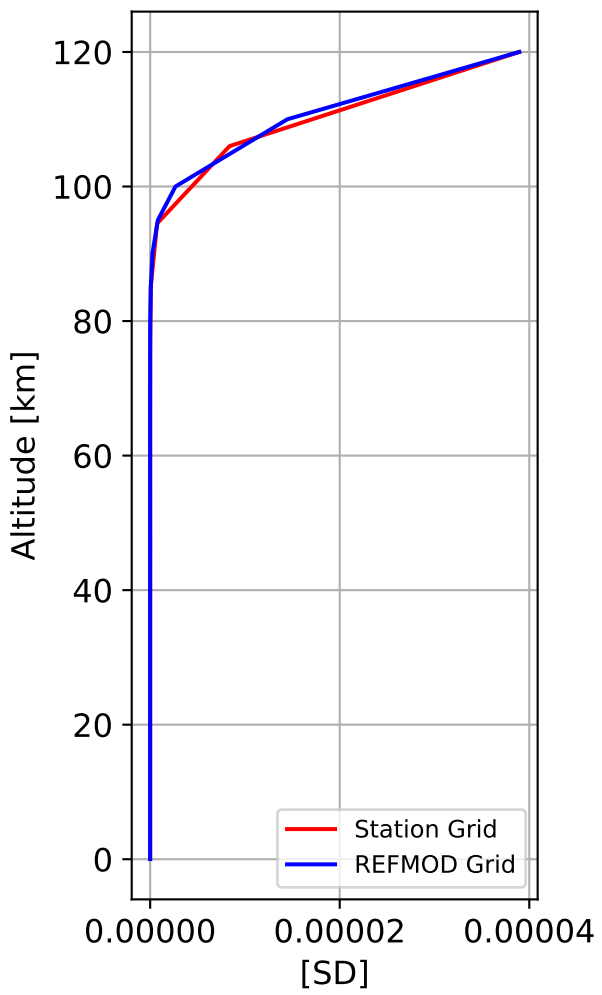
Monthly mean WACCM profile (interpolated to station grid)
Wollongong, -34.4061N, 150.8793E, 0.03kmasl



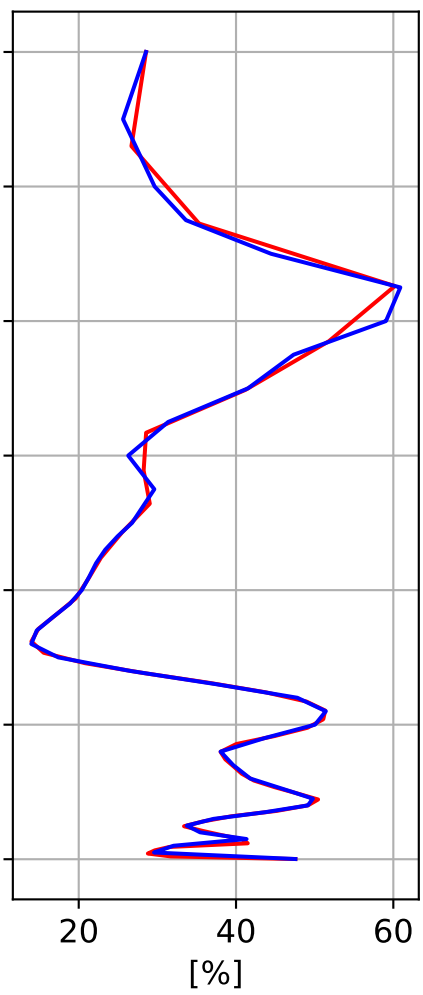
Min, Max, Mean of 732 profiles
Wollongong, -34.4061N, 150.8793E, 0.03kmasl



Std. Deviation



Percent Deviation

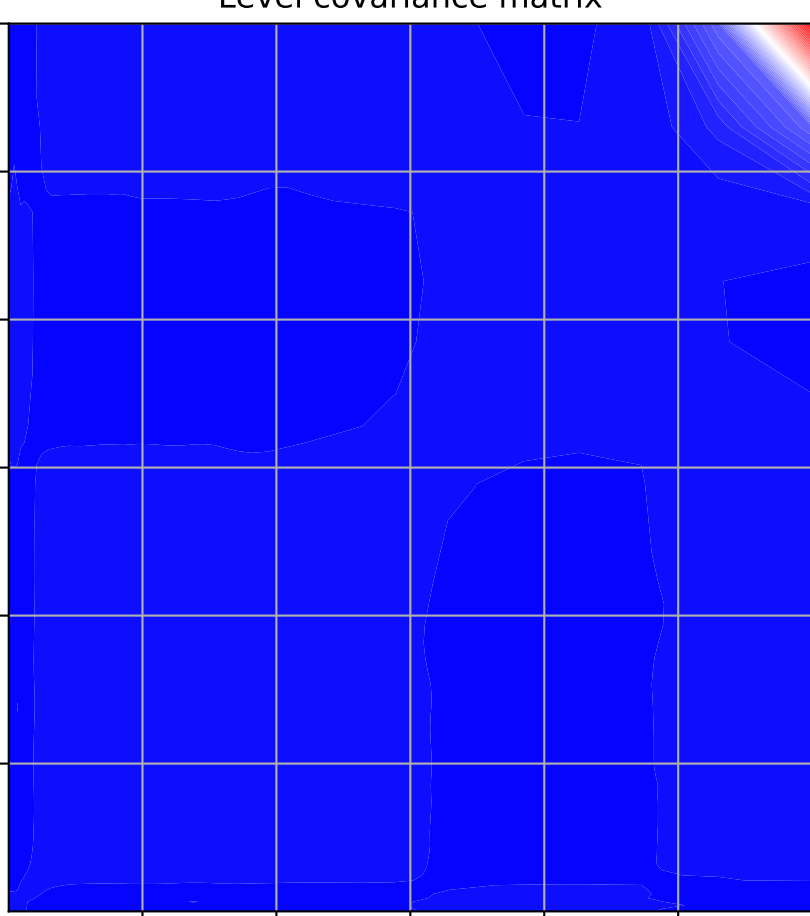


Level covariance matrix

1e-9

Altitude [km]

120
100
80
60
40
20



20 40 60 80 100 120

Altitude [km]

Mixing ratio[^2]

1.44
1.26
1.08
0.90
0.72
0.54
0.36
0.18
0.00