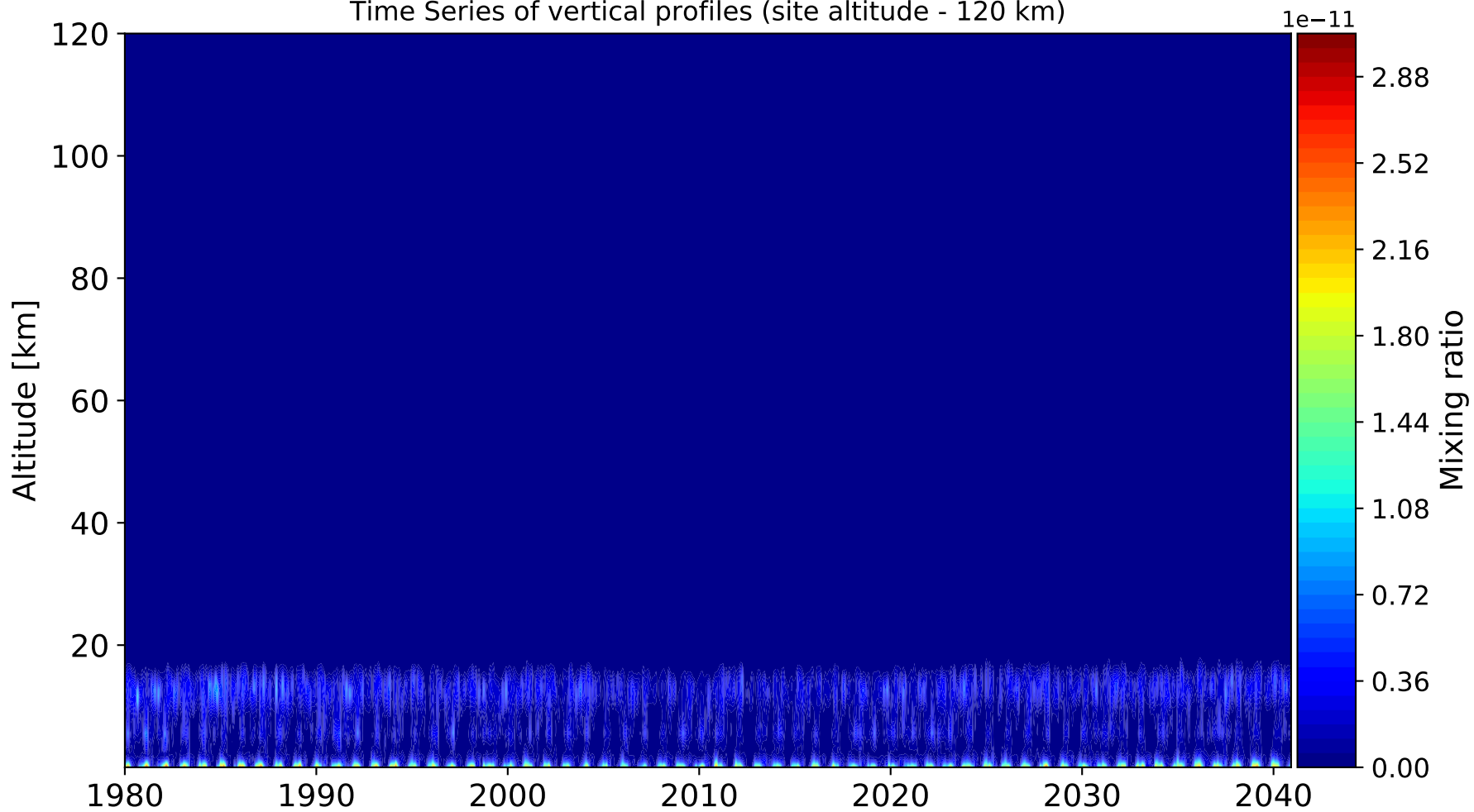
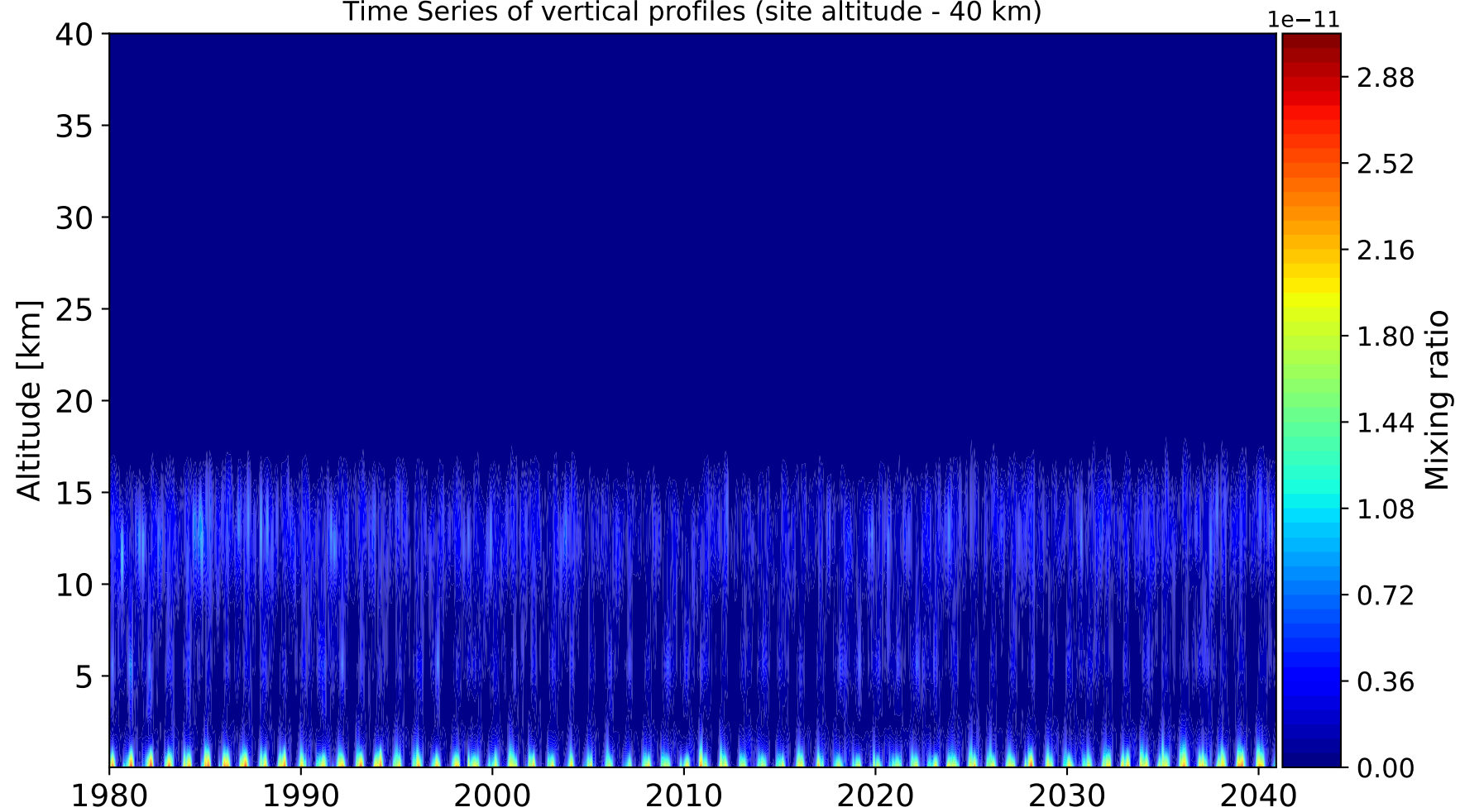


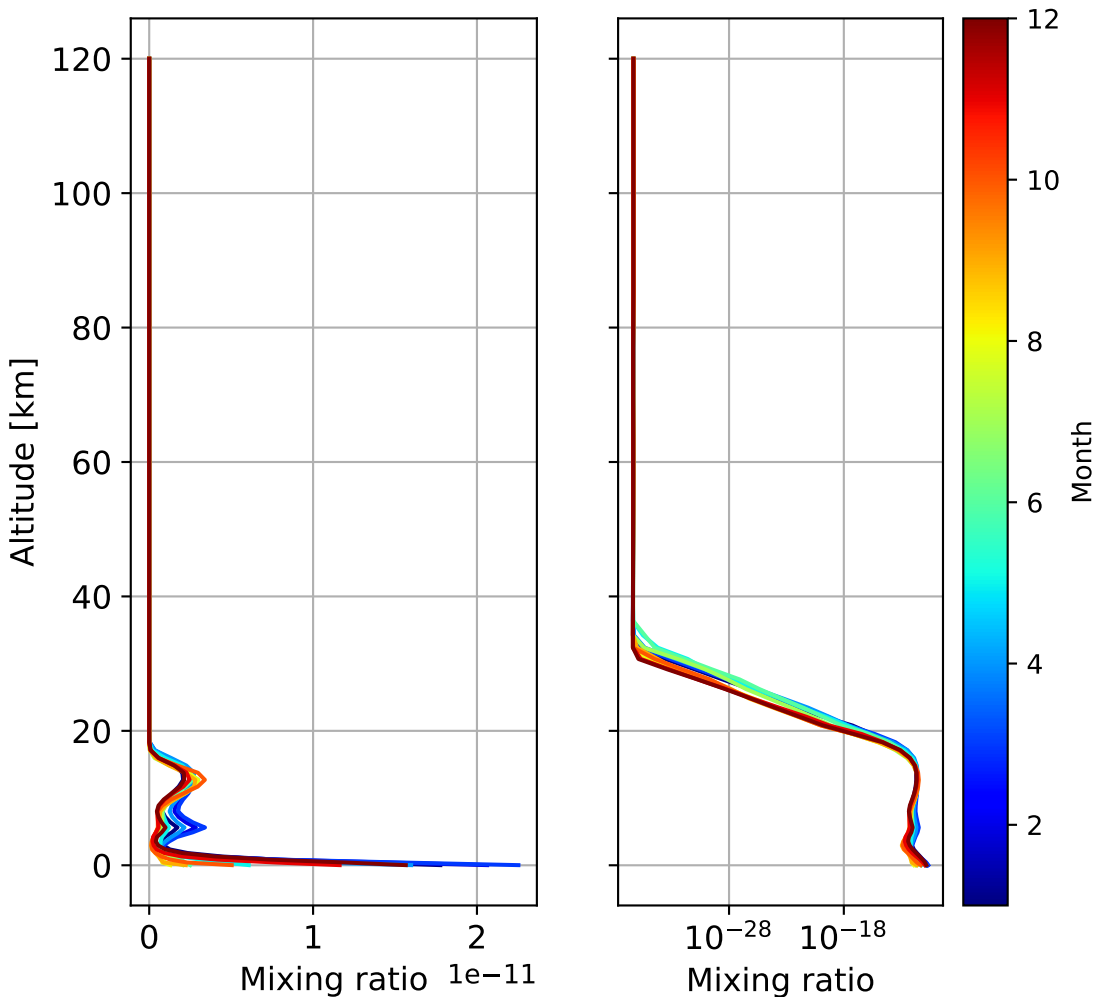
Time Series of vertical profiles (site altitude - 120 km)



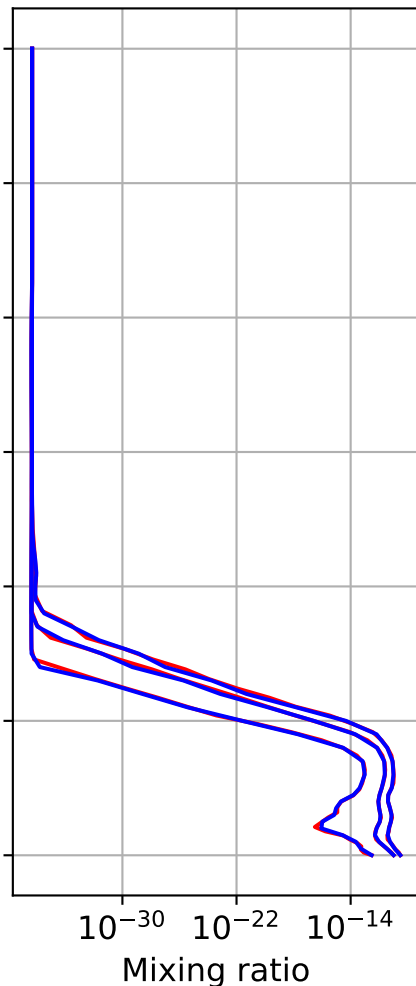
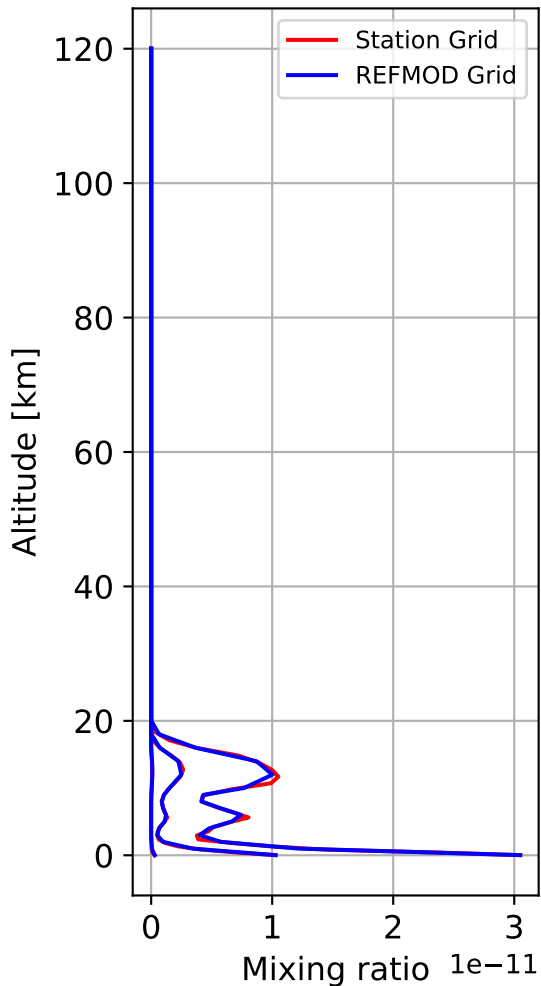
Time Series of vertical profiles (site altitude - 40 km)



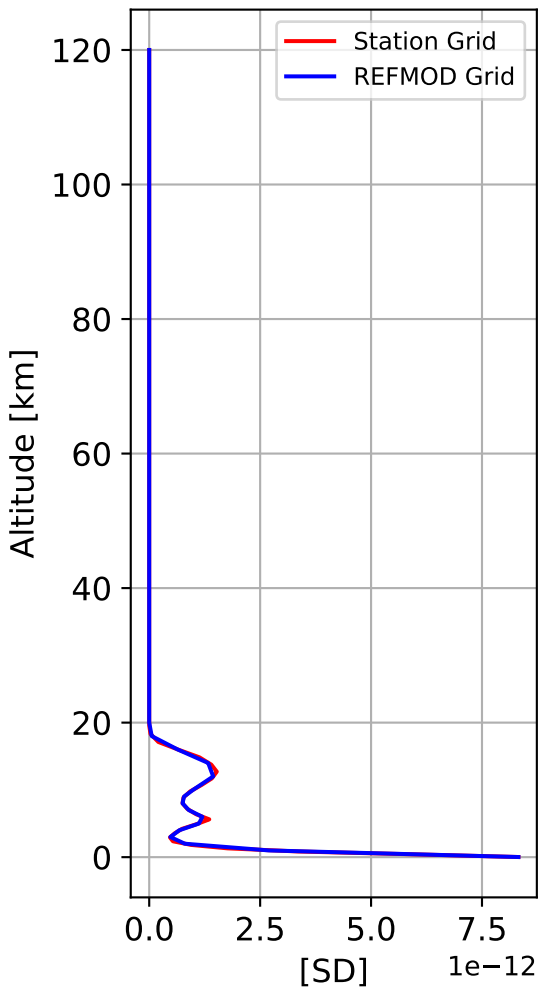
Monthly mean WACCM profile (interpolated to station grid)
Darwin, -12.424N, 130.89E, 0.02kmasl



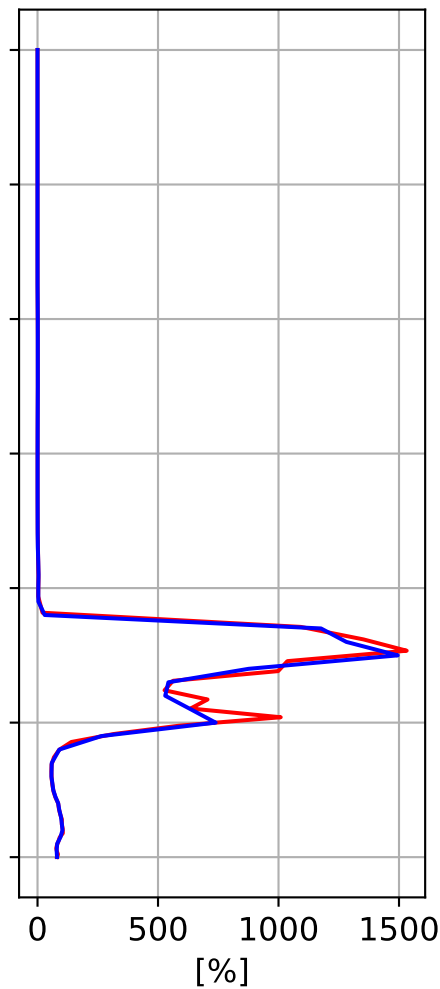
Min, Max, Mean of 732 profiles
Darwin, -12.424N, 130.89E, 0.02kmasl



Std. Deviation



Percent Deviation



Level covariance matrix

1e-23

Altitude [km]

120
100
80
60
40
20

Altitude [km]

6.75
6.00
5.25
4.50
3.75
3.00
2.25
1.50
0.75
0.00Mixing ratio[~ 2]