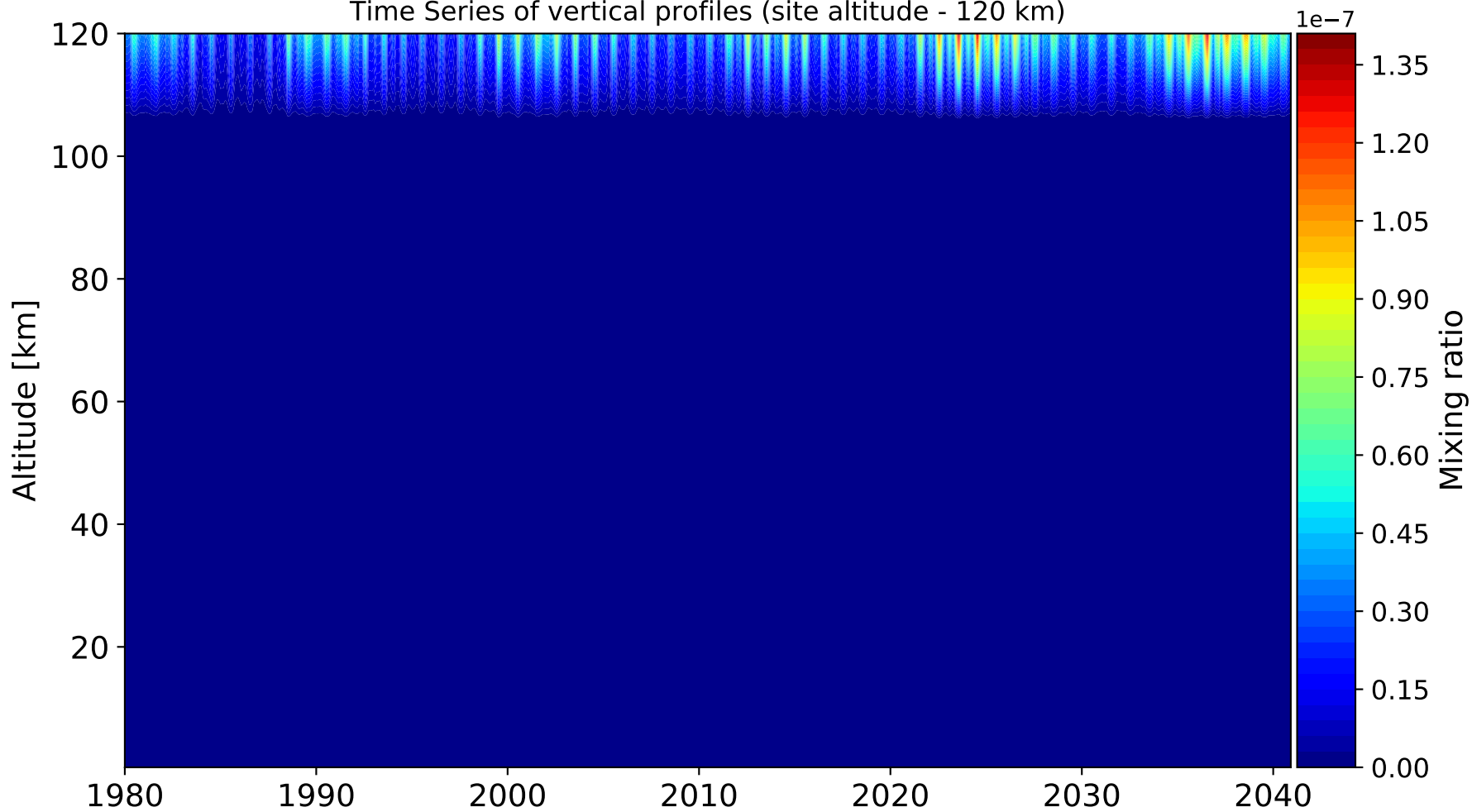
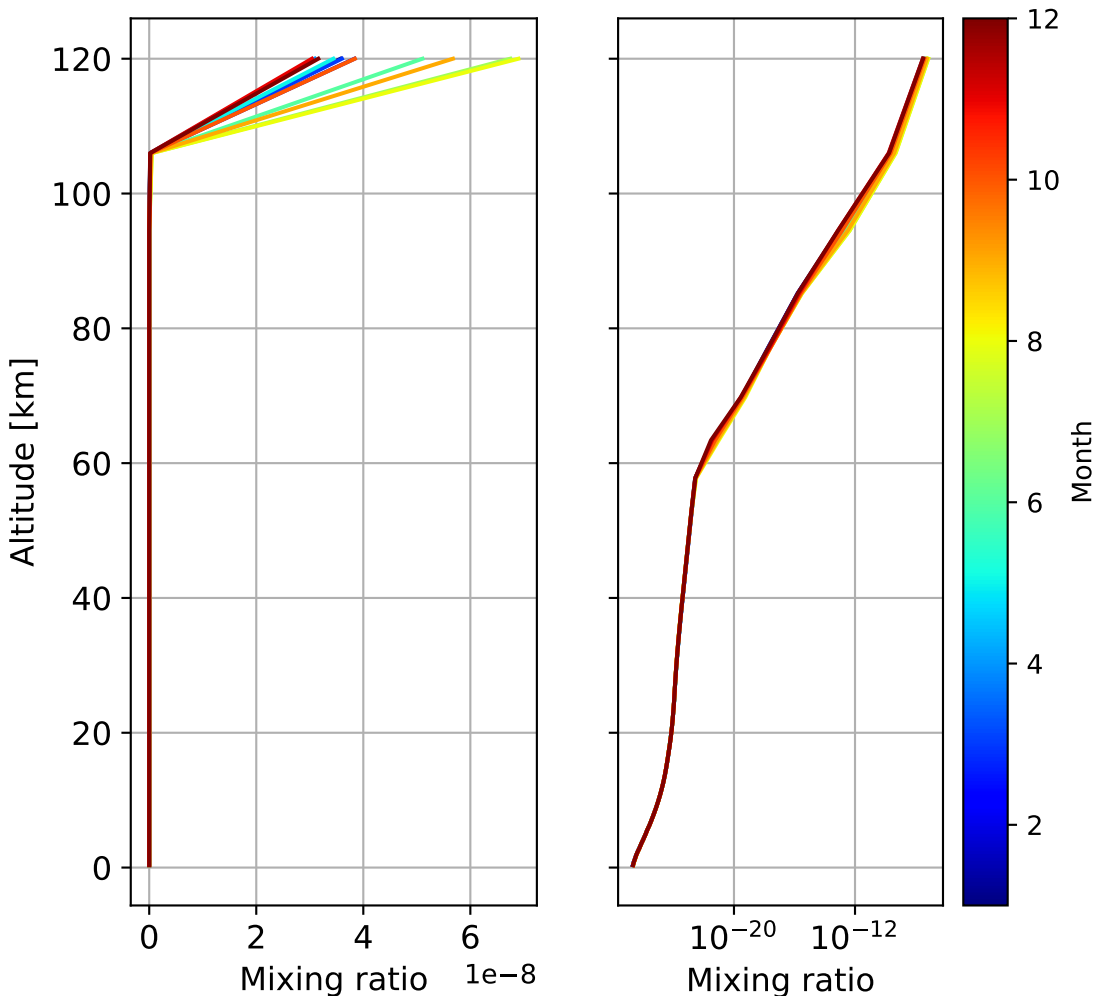


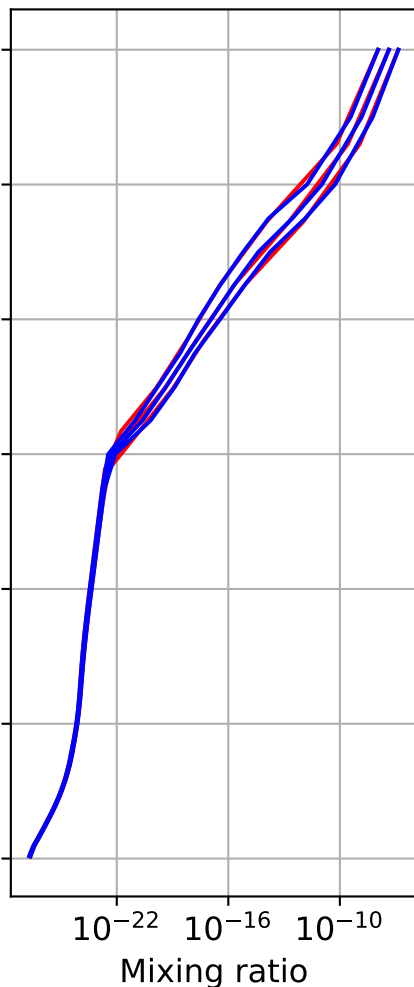
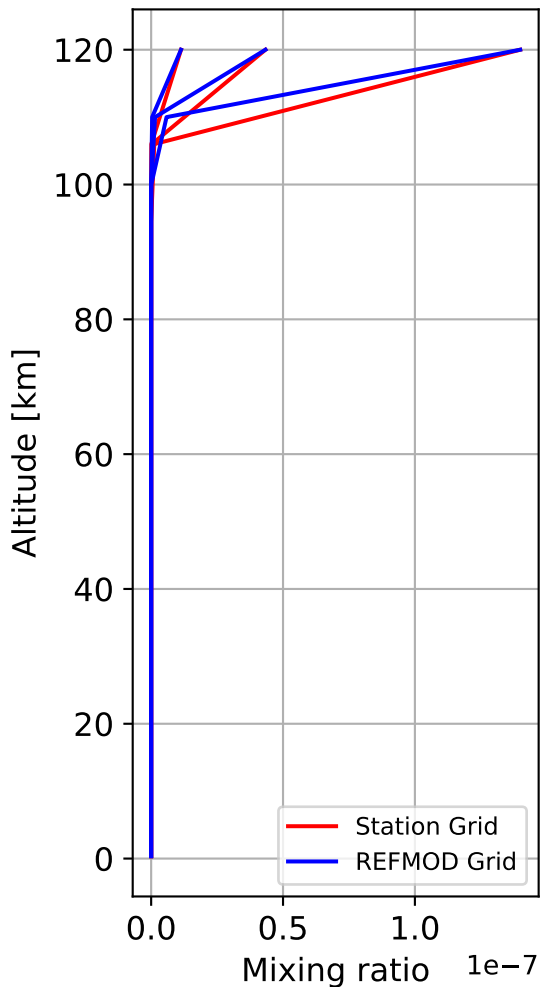
Time Series of vertical profiles (site altitude - 120 km)



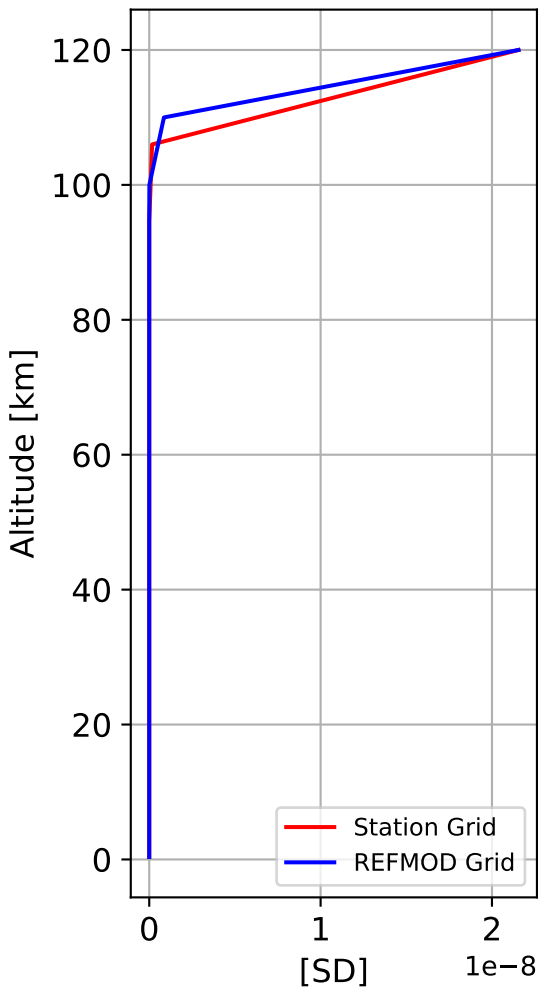
Monthly mean WACCM profile (interpolated to station grid) Gadanki, 13.45N, 79.18E, 0.36kmasl



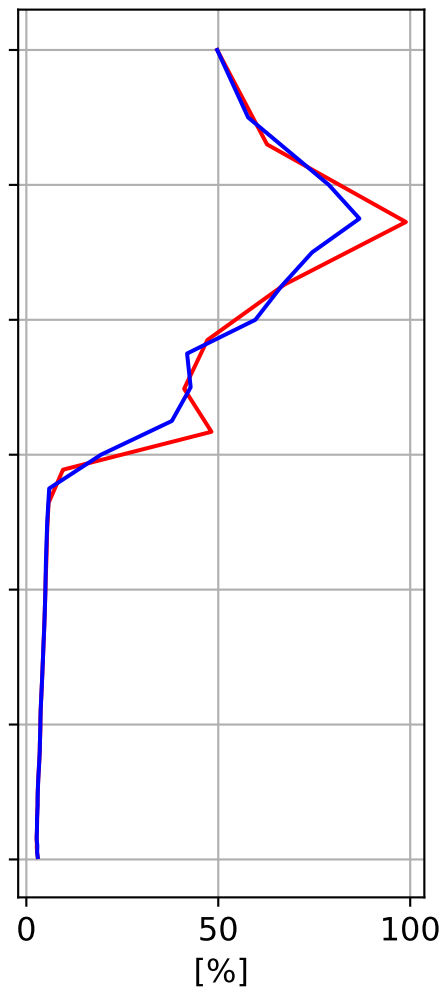
Min, Max, Mean of 732 profiles
Gadanki, 13.45N, 79.18E, 0.36kmasl



Std. Deviation



Percent Deviation



Level covariance matrix

1e-16

Altitude [km]

120
100
80
60
40
20

20

40

Altitude [km]

60

80

100

120

4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0Mixing ratio[~ 2]