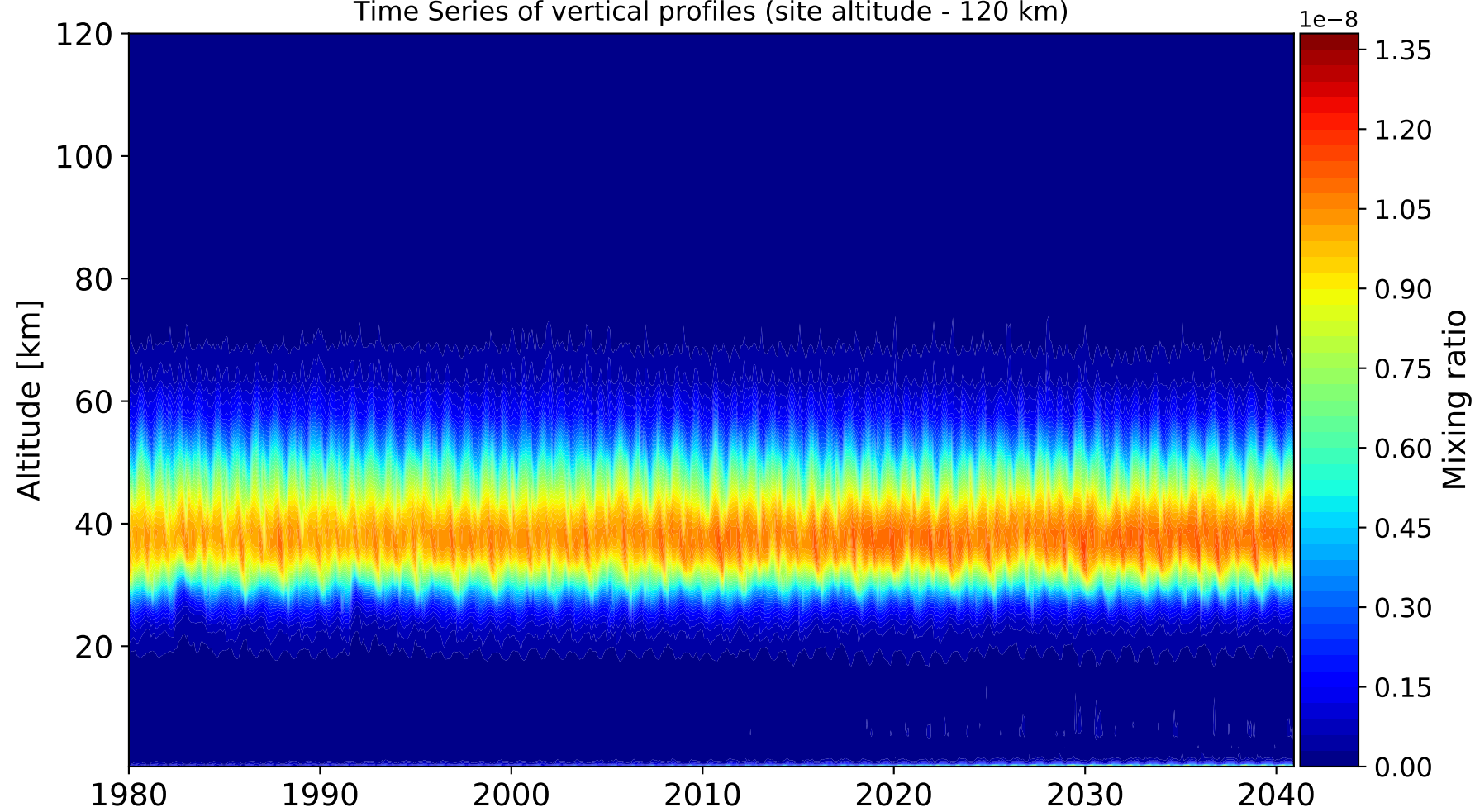
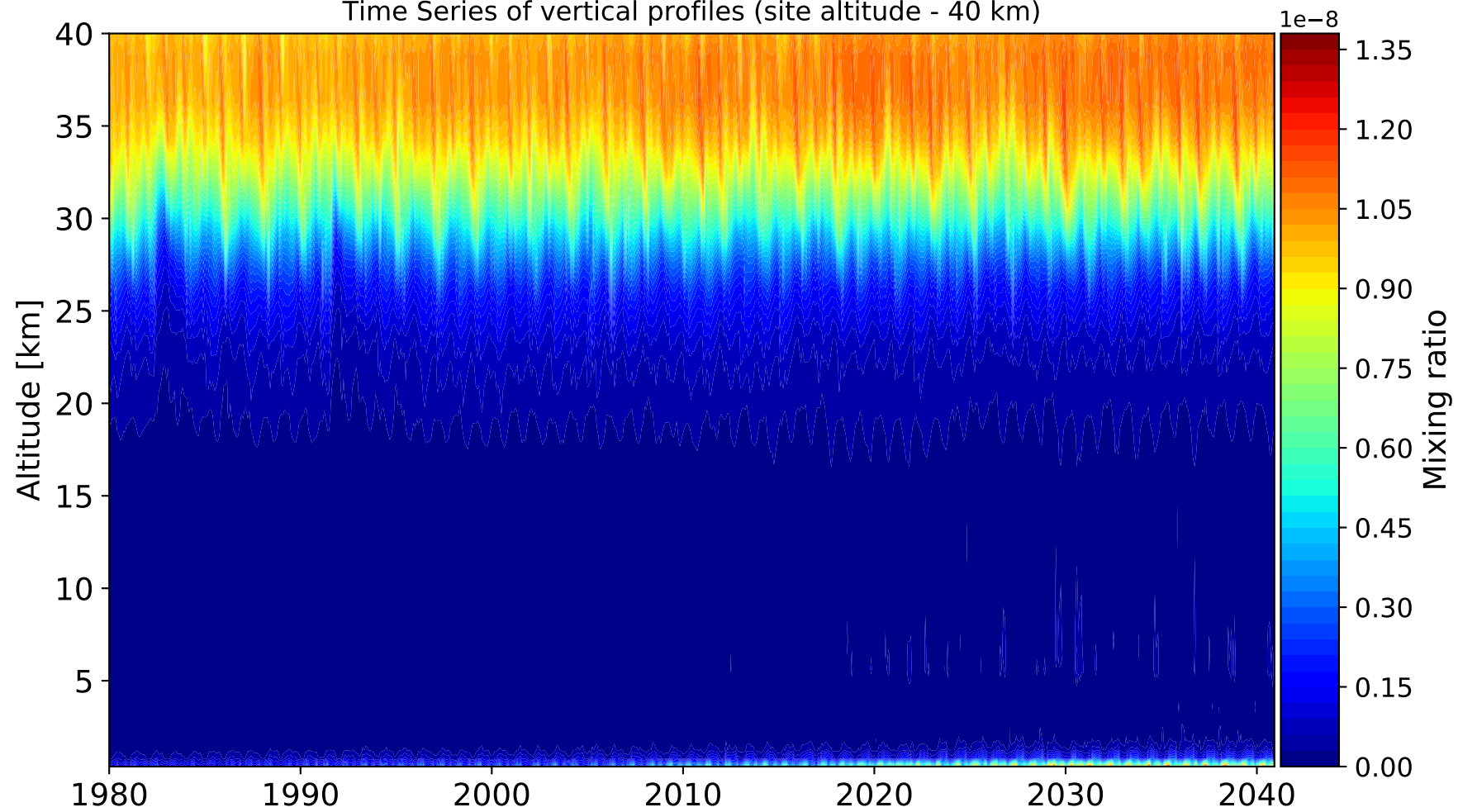


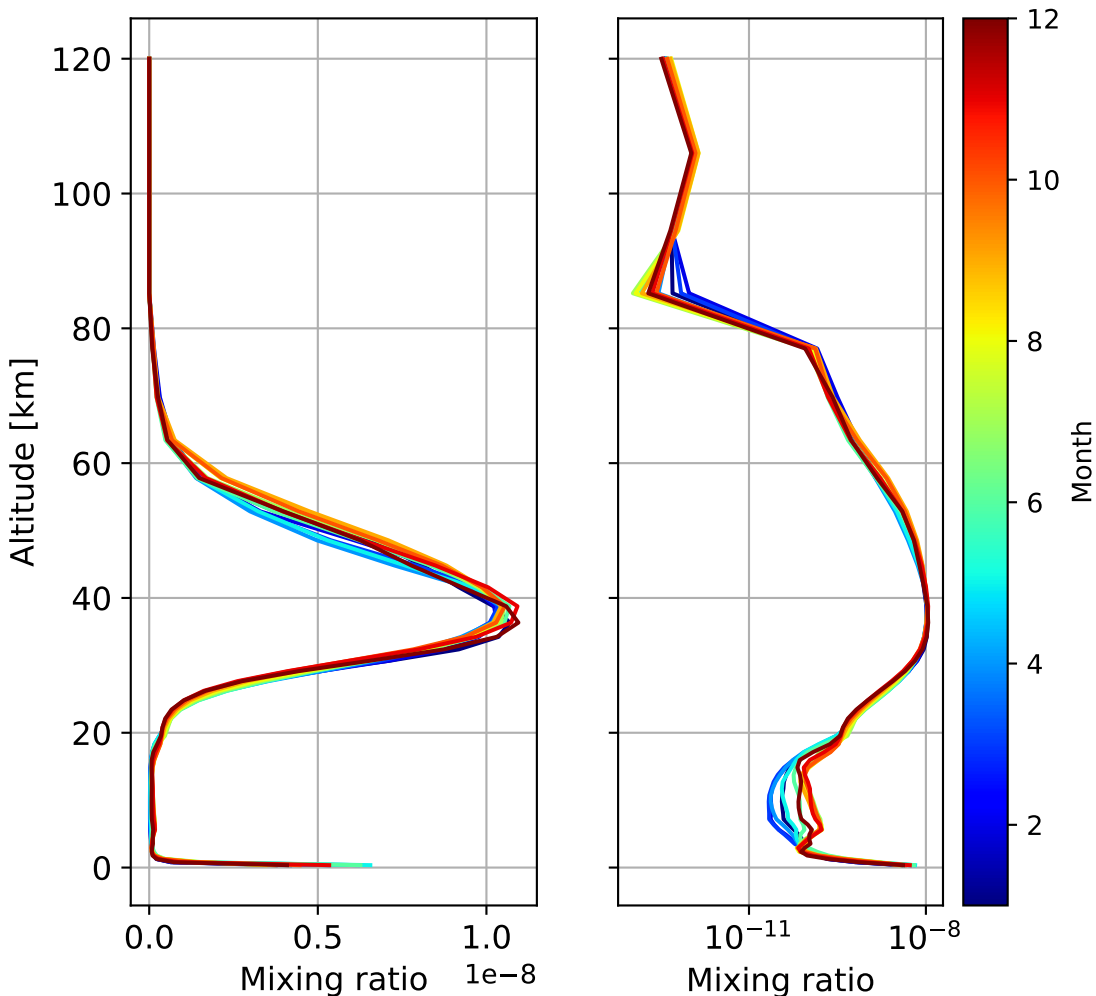
Time Series of vertical profiles (site altitude - 120 km)



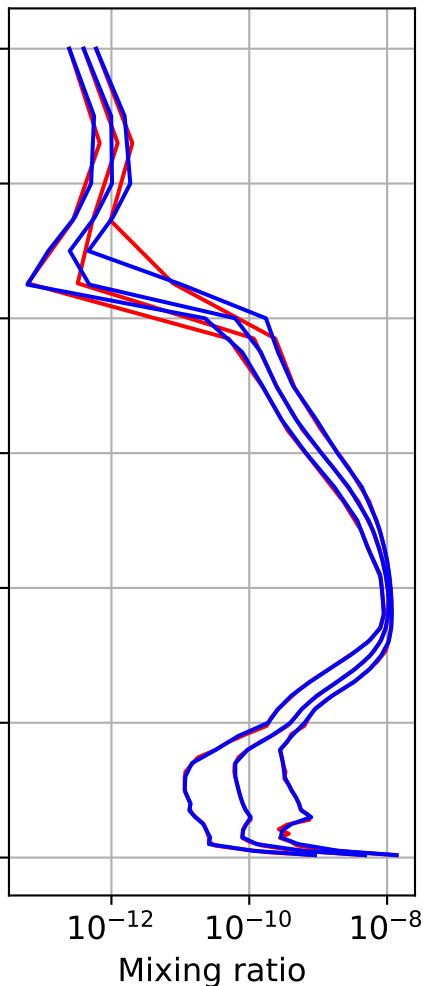
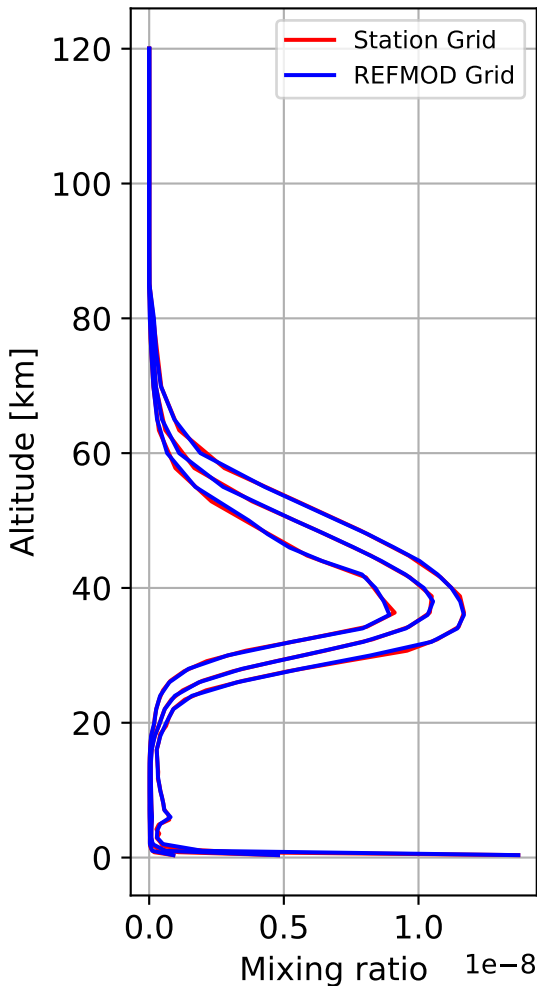
Time Series of vertical profiles (site altitude - 40 km)



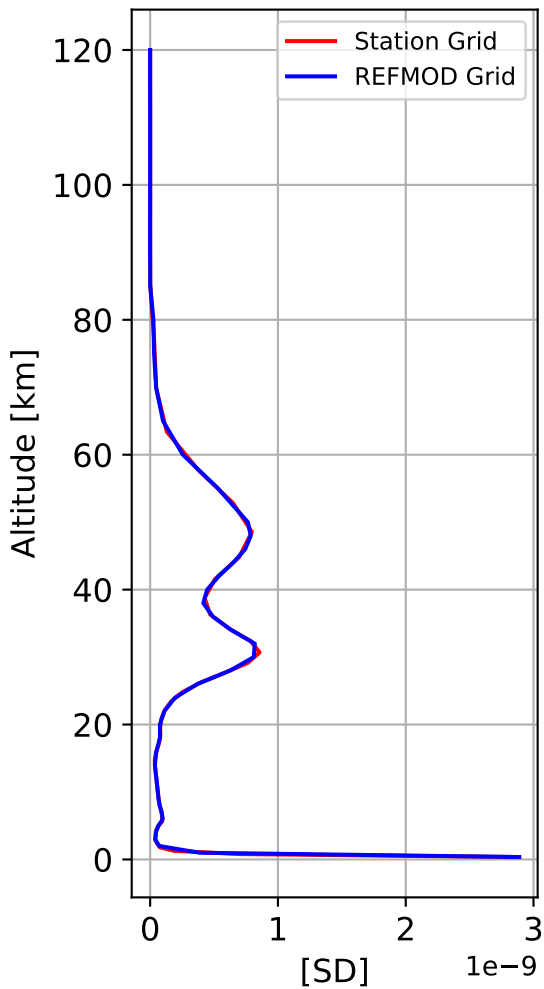
Monthly mean WACCM profile (interpolated to station grid)
Gadanki, 13.45N, 79.18E, 0.36kmasl



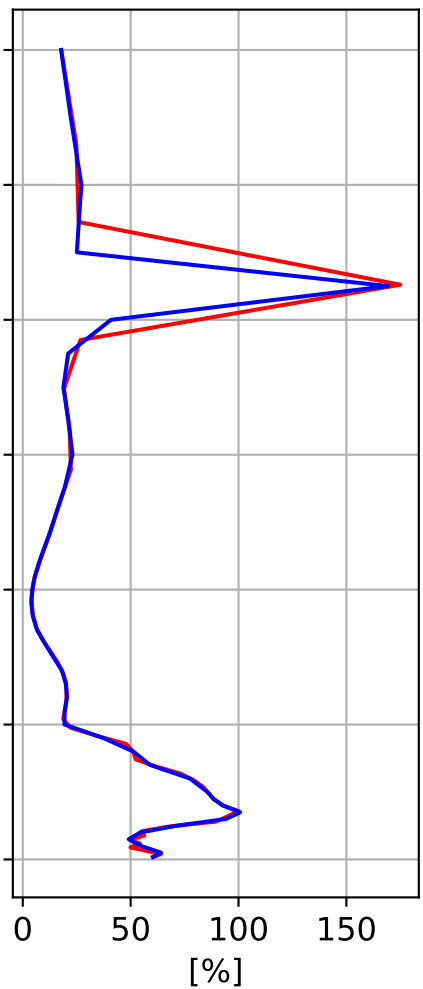
Min, Max, Mean of 732 profiles
Gadanki, 13.45N, 79.18E, 0.36kmasl



Std. Deviation



Percent Deviation



Level covariance matrix

1e-18

Altitude [km]

120
100
80
60
40
20

20

40

60

80

100

120

Altitude [km]

8
7
6
5
4
3
2
1
0Mixing ratio[~ 2]