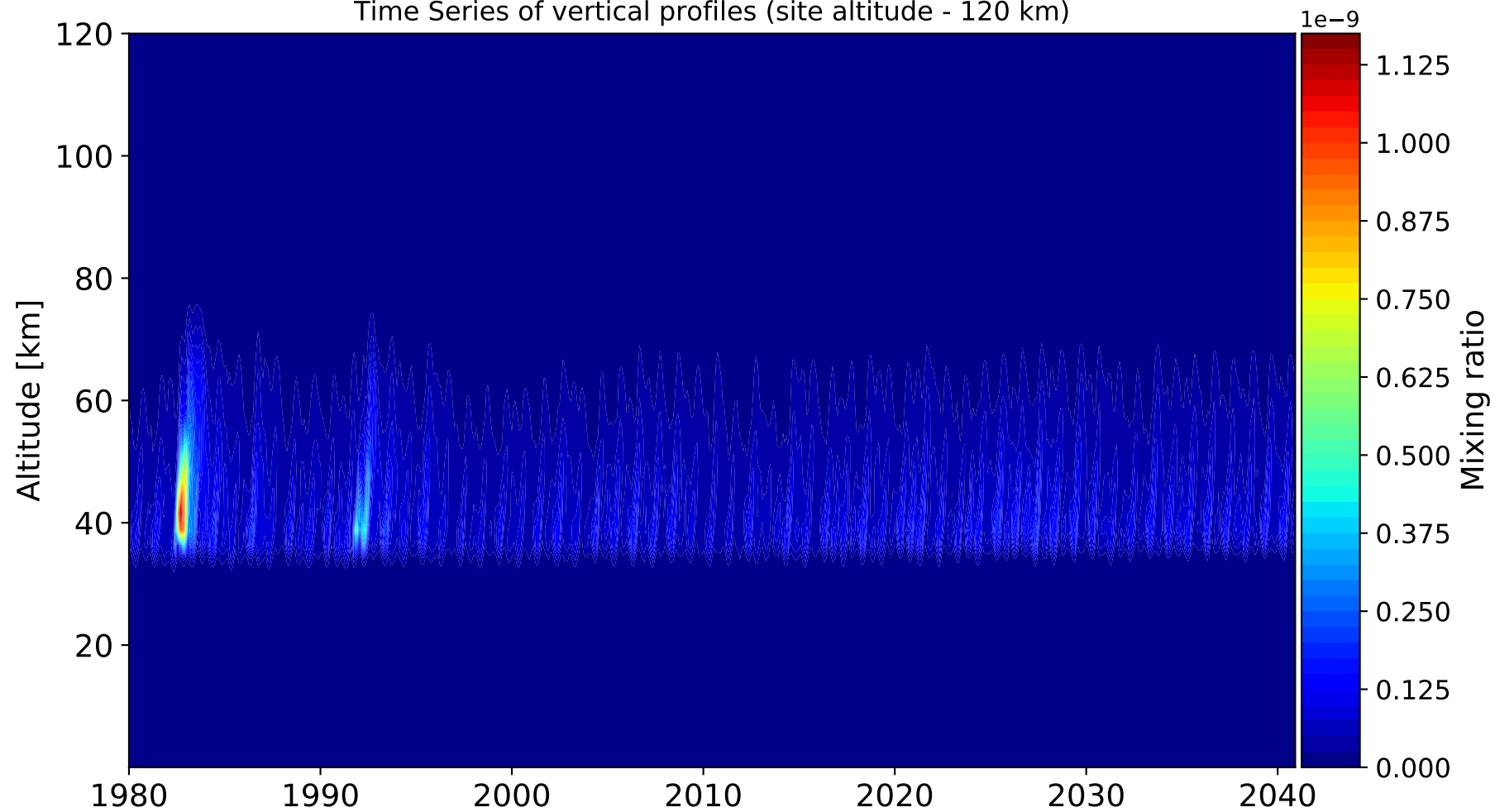
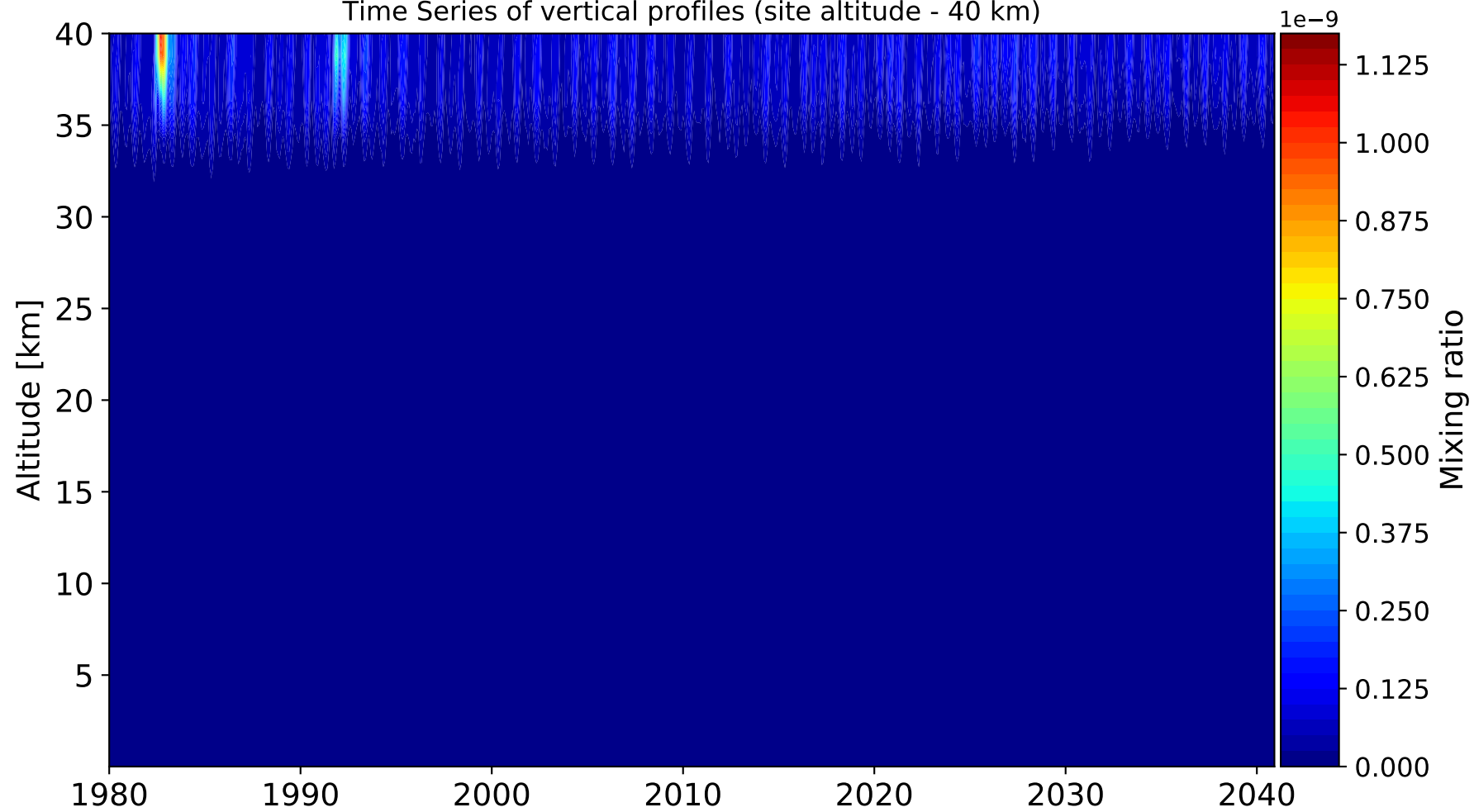


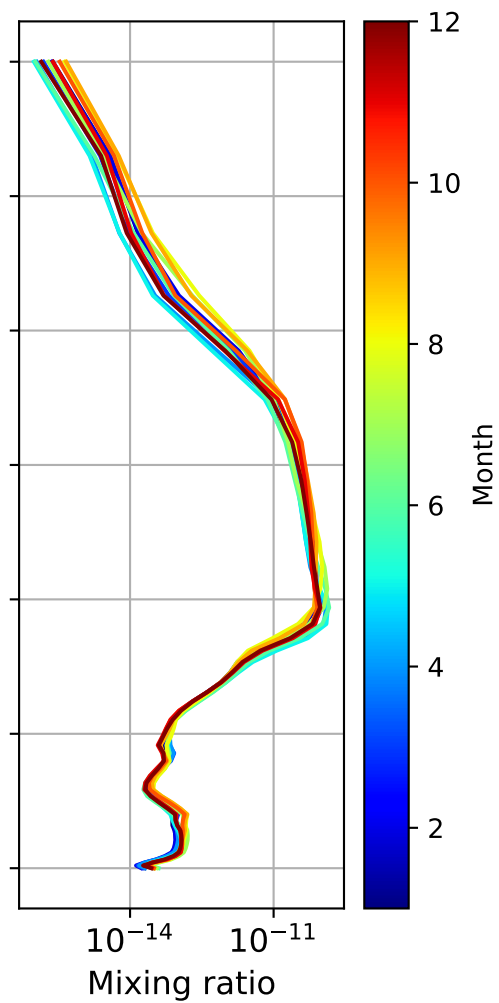
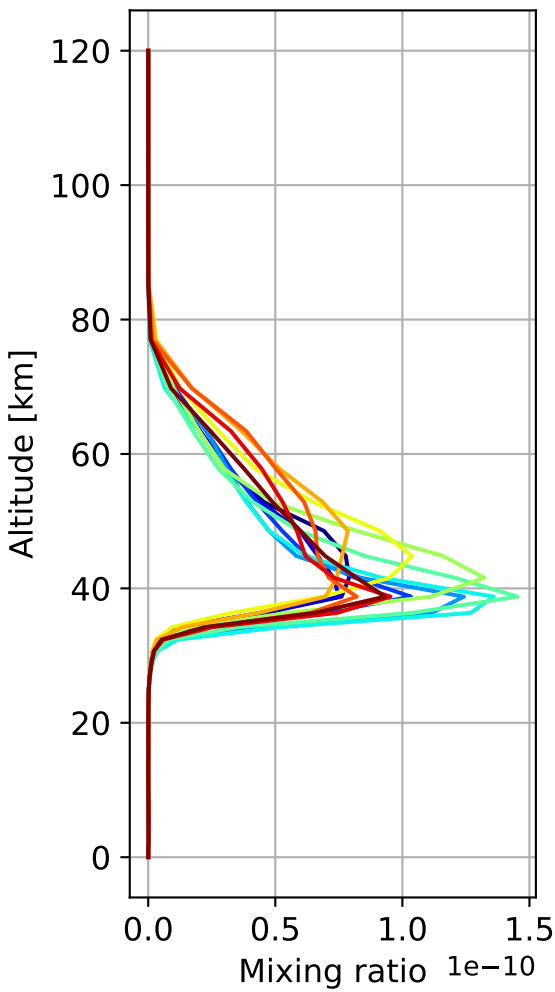
Time Series of vertical profiles (site altitude - 120 km)



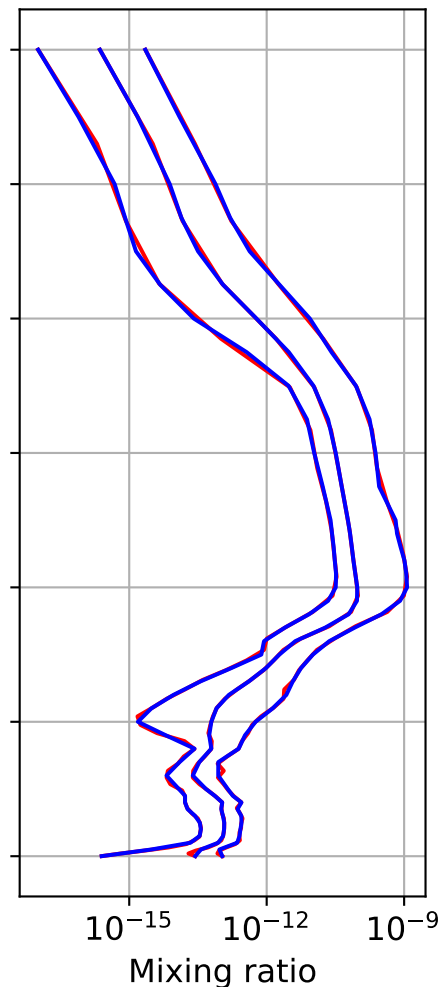
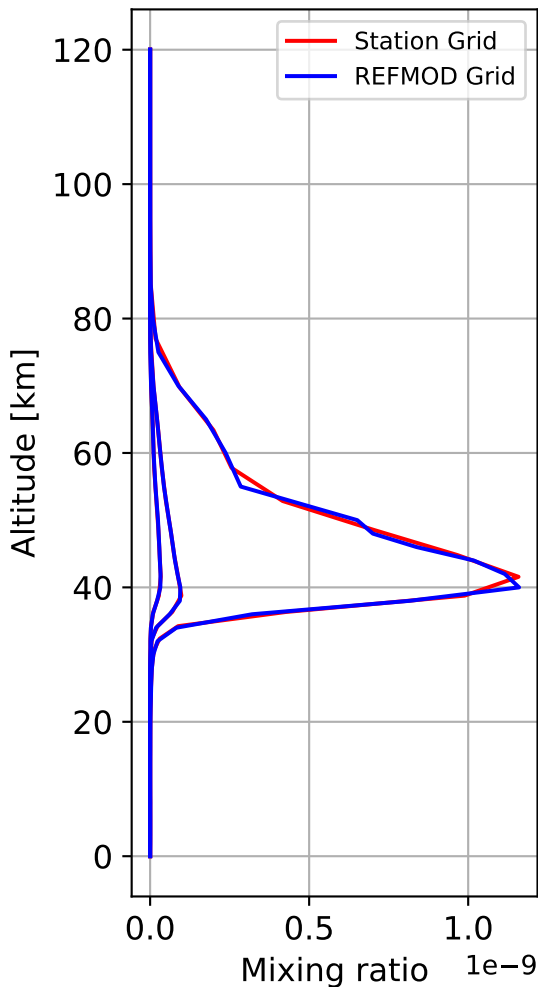
Time Series of vertical profiles (site altitude - 40 km)



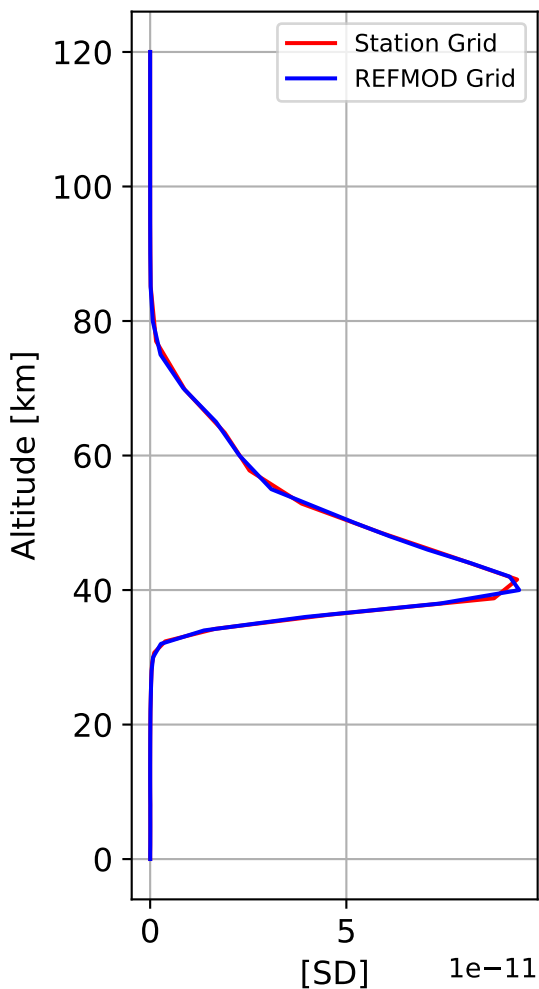
Monthly mean WACCM profile (interpolated to station grid) Palau, 7.342N, 134.4273E, 0.01kmasl



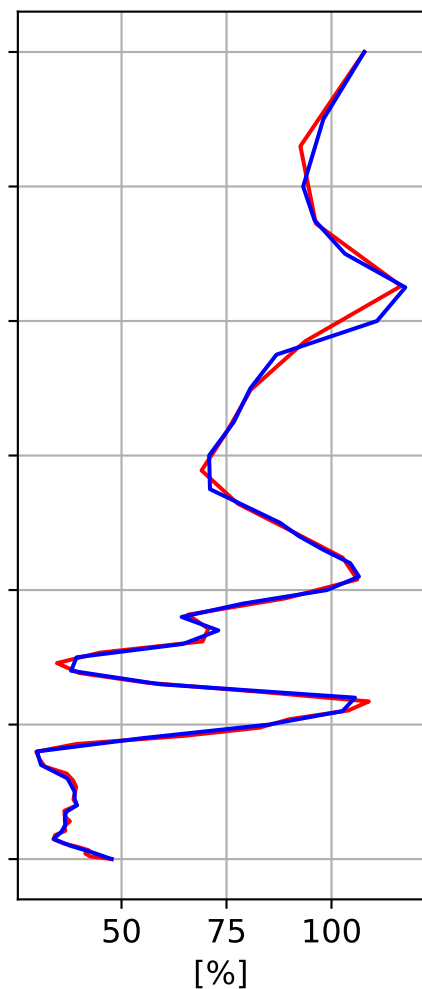
Min, Max, Mean of 732 profiles
Palau, 7.342N, 134.4273E, 0.01kmasl



Std. Deviation



Percent Deviation



Level covariance matrix

1e-21

Altitude [km]

120
100
80
60
40
20

20

Altitude [km]

40

60

80

100

120

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