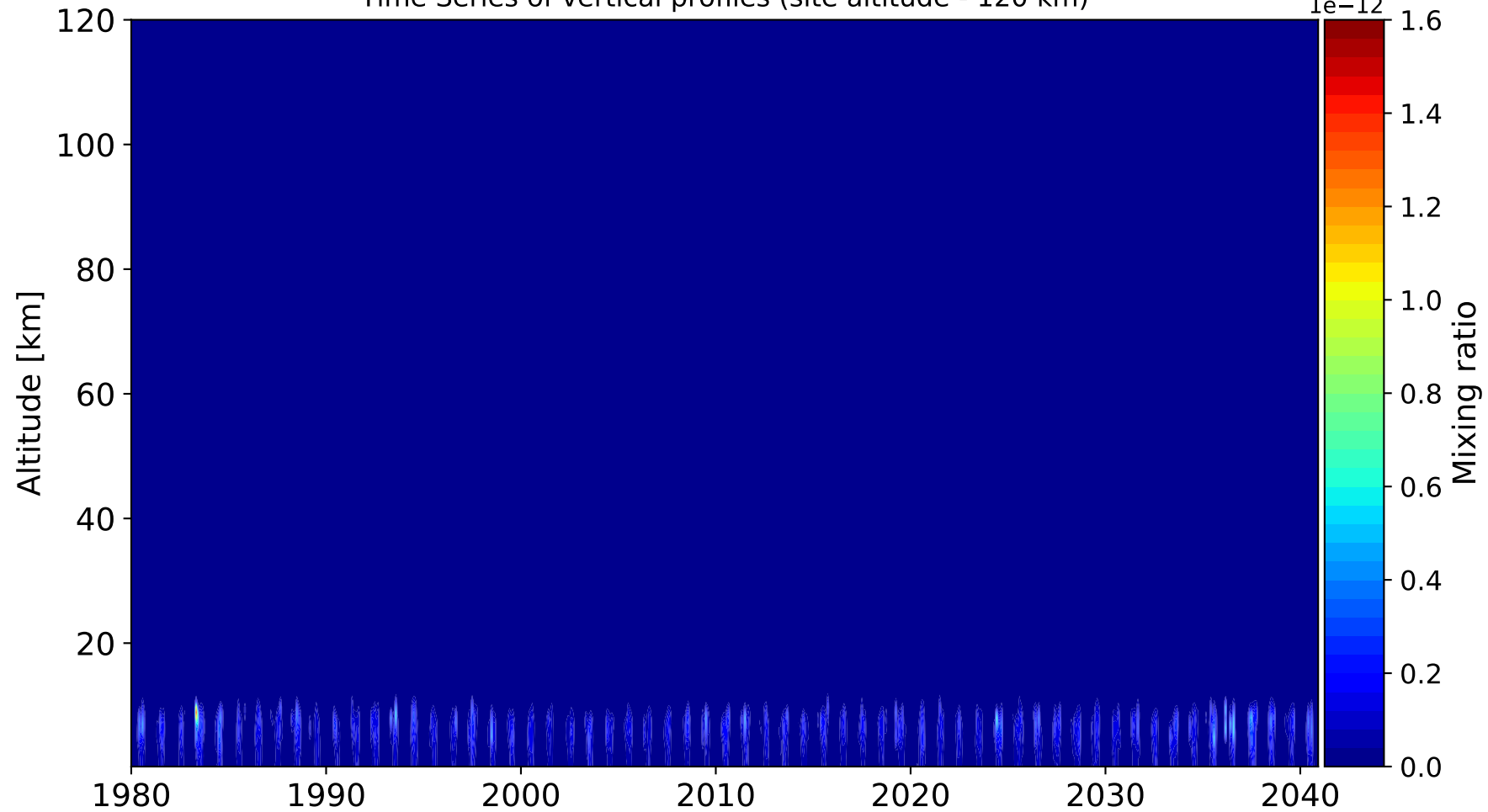
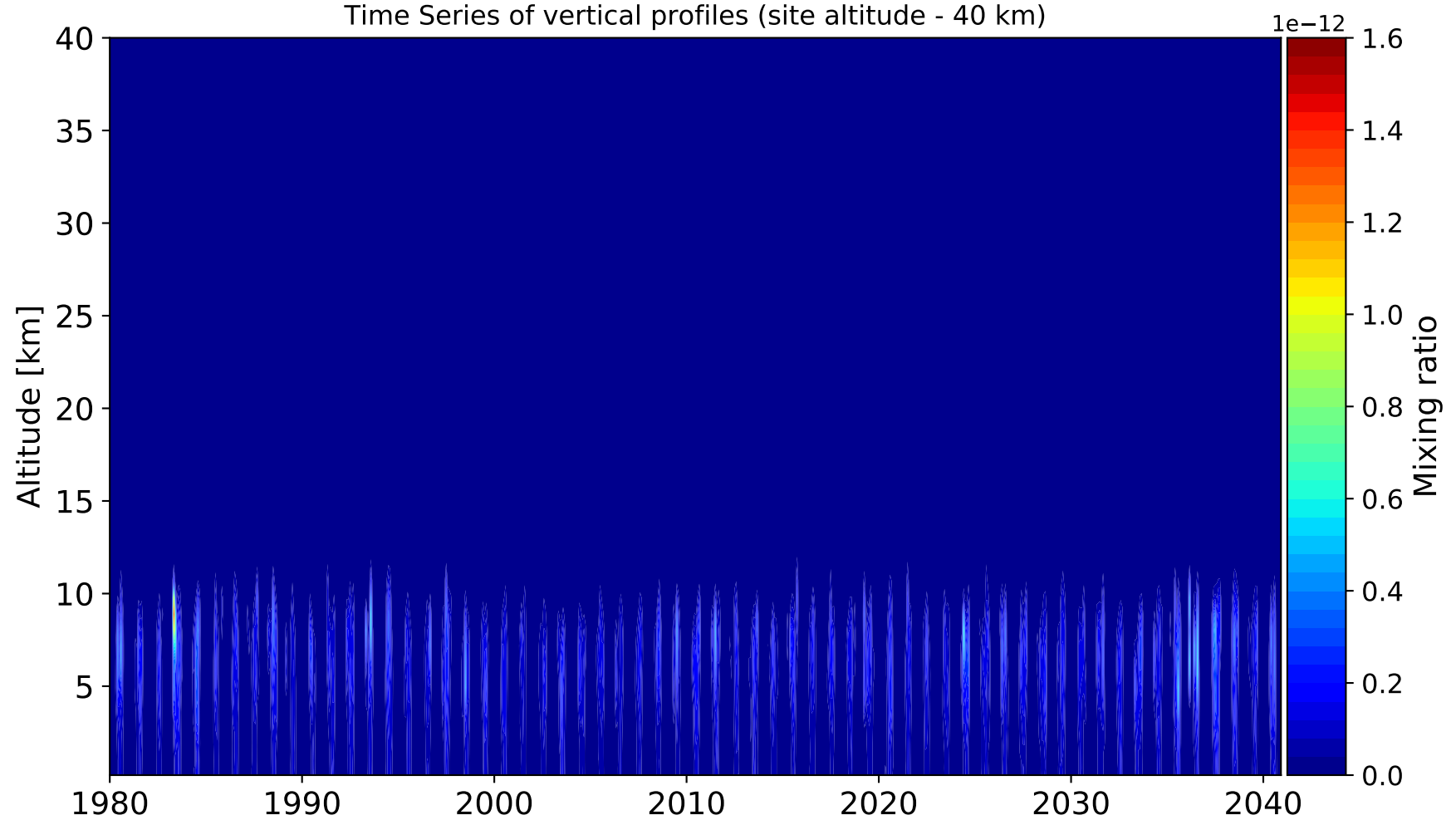


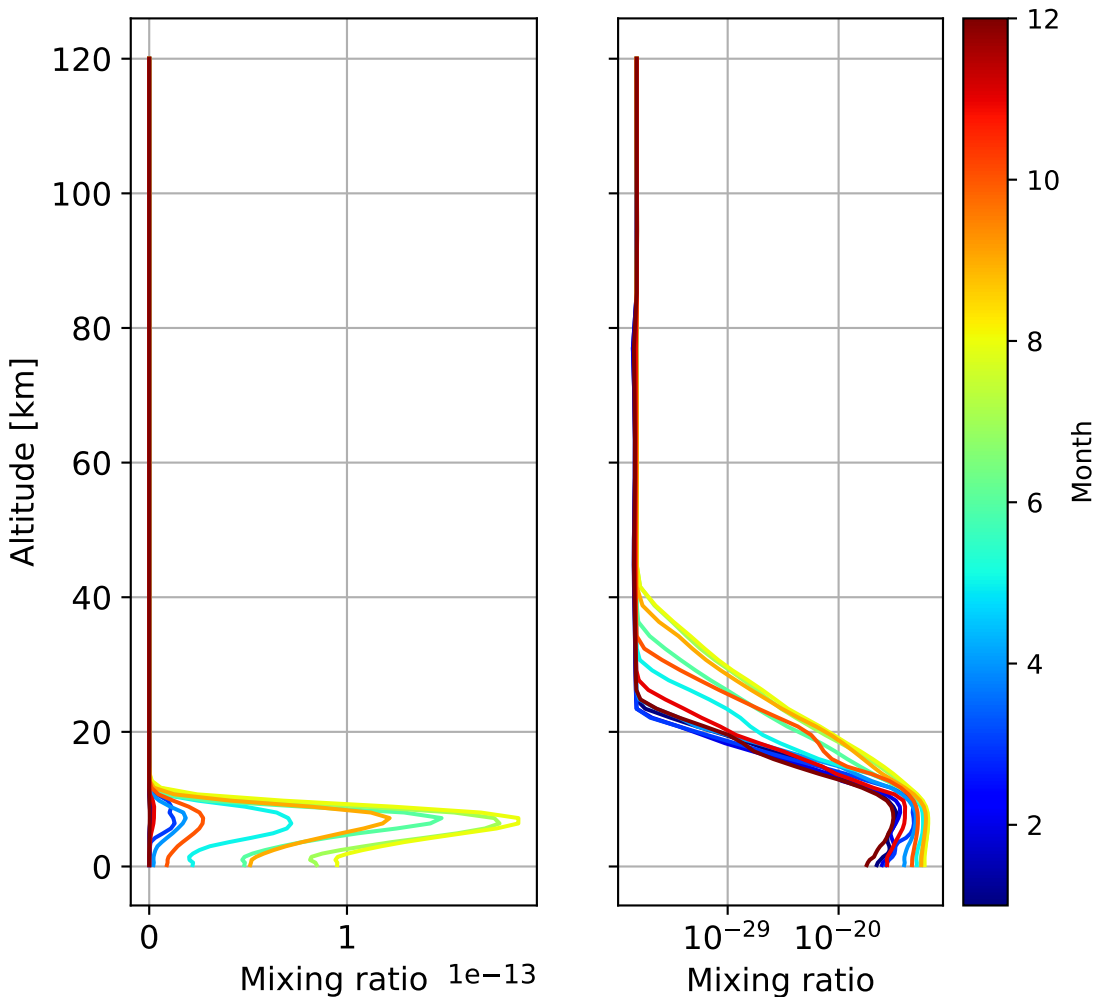
Time Series of vertical profiles (site altitude - 120 km)



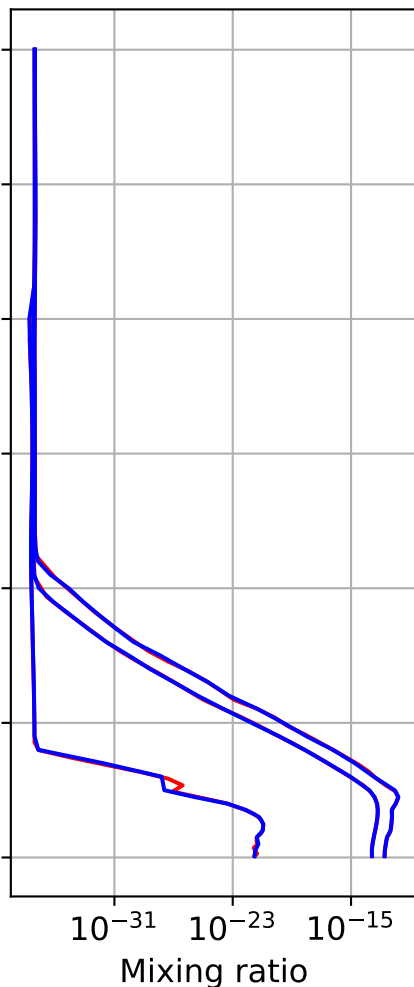
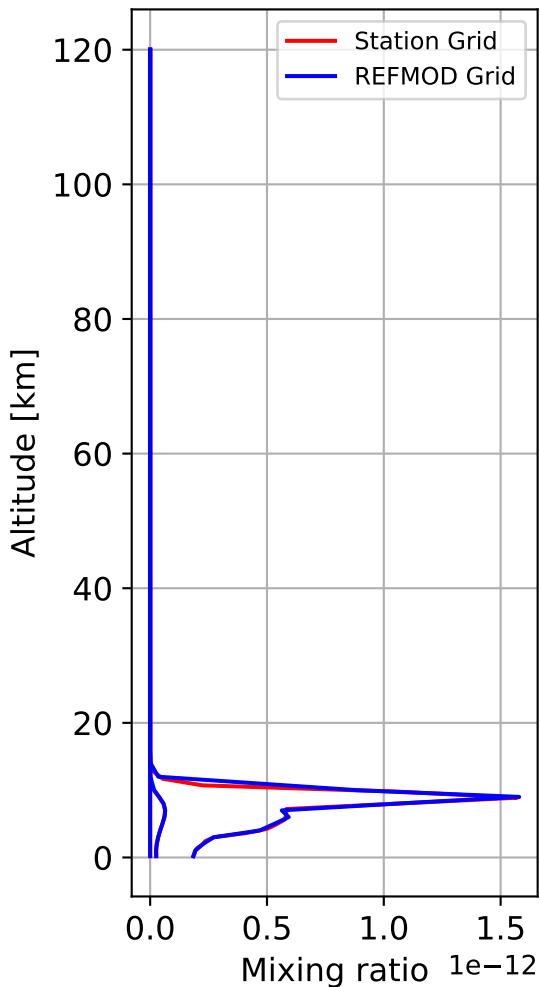
Time Series of vertical profiles (site altitude - 40 km)



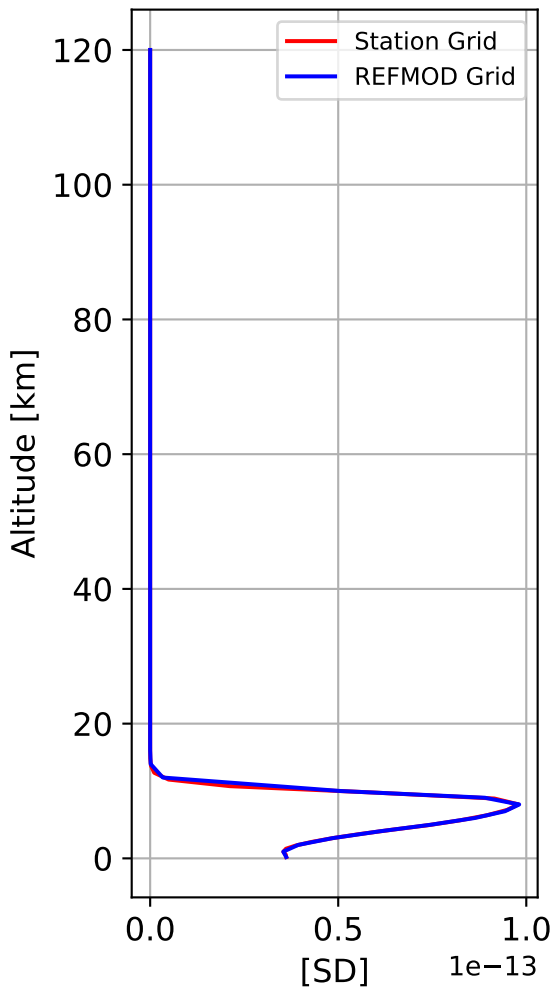
Monthly mean WACCM profile (interpolated to station grid)
Arrival_Heights, -78.83N, 166.66E, 0.2kmasl



Min, Max, Mean of 732 profiles
Arrival_Heights, -78.83N, 166.66E, 0.2kmasl



Std. Deviation



Percent Deviation



Level covariance matrix

1e-27

Altitude [km]

120
100
80
60
40
20

Altitude [km]

20

40

60

80

100

120

9
8
7
6
5
4
3
2
1
0Mixing ratio[~ 2]