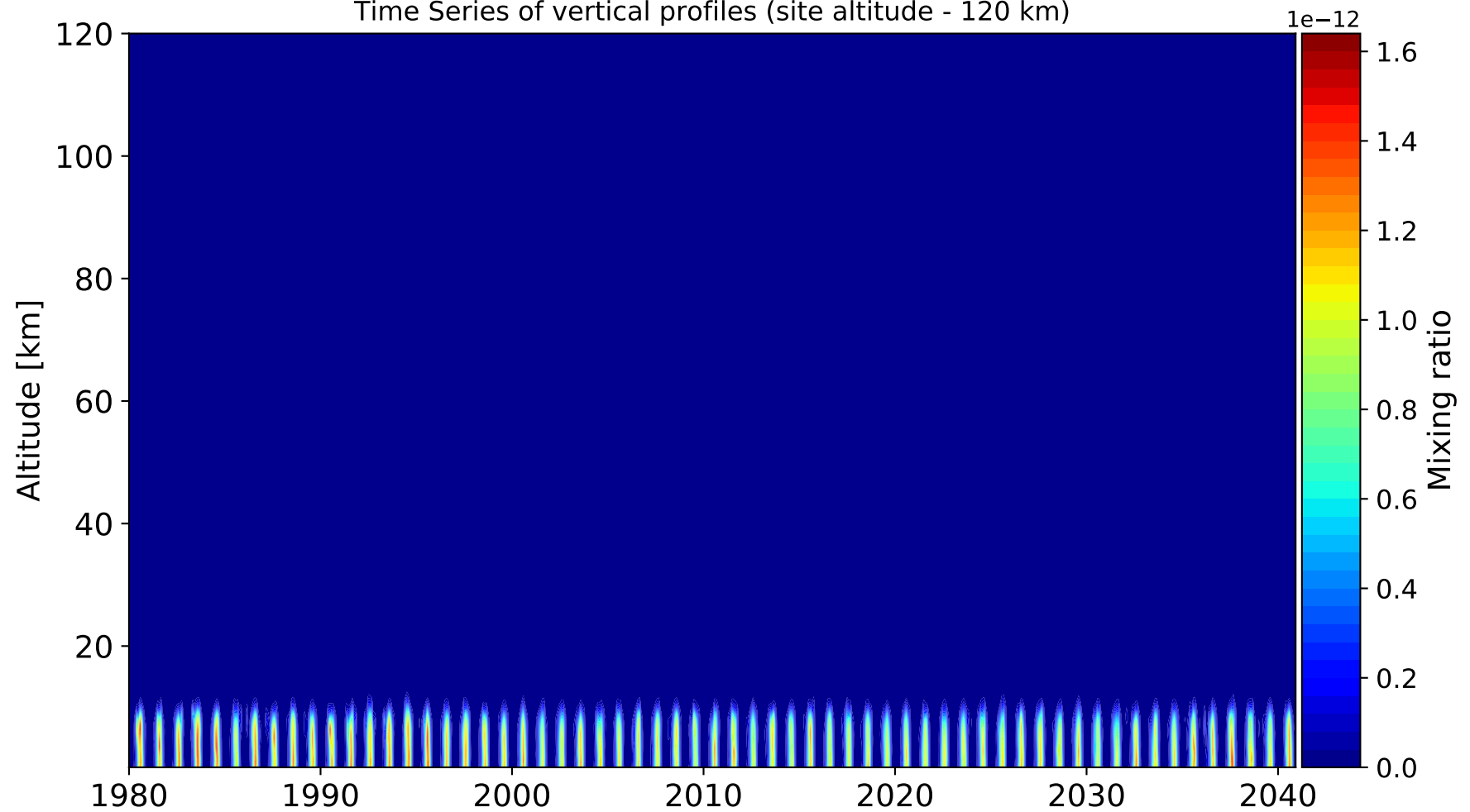
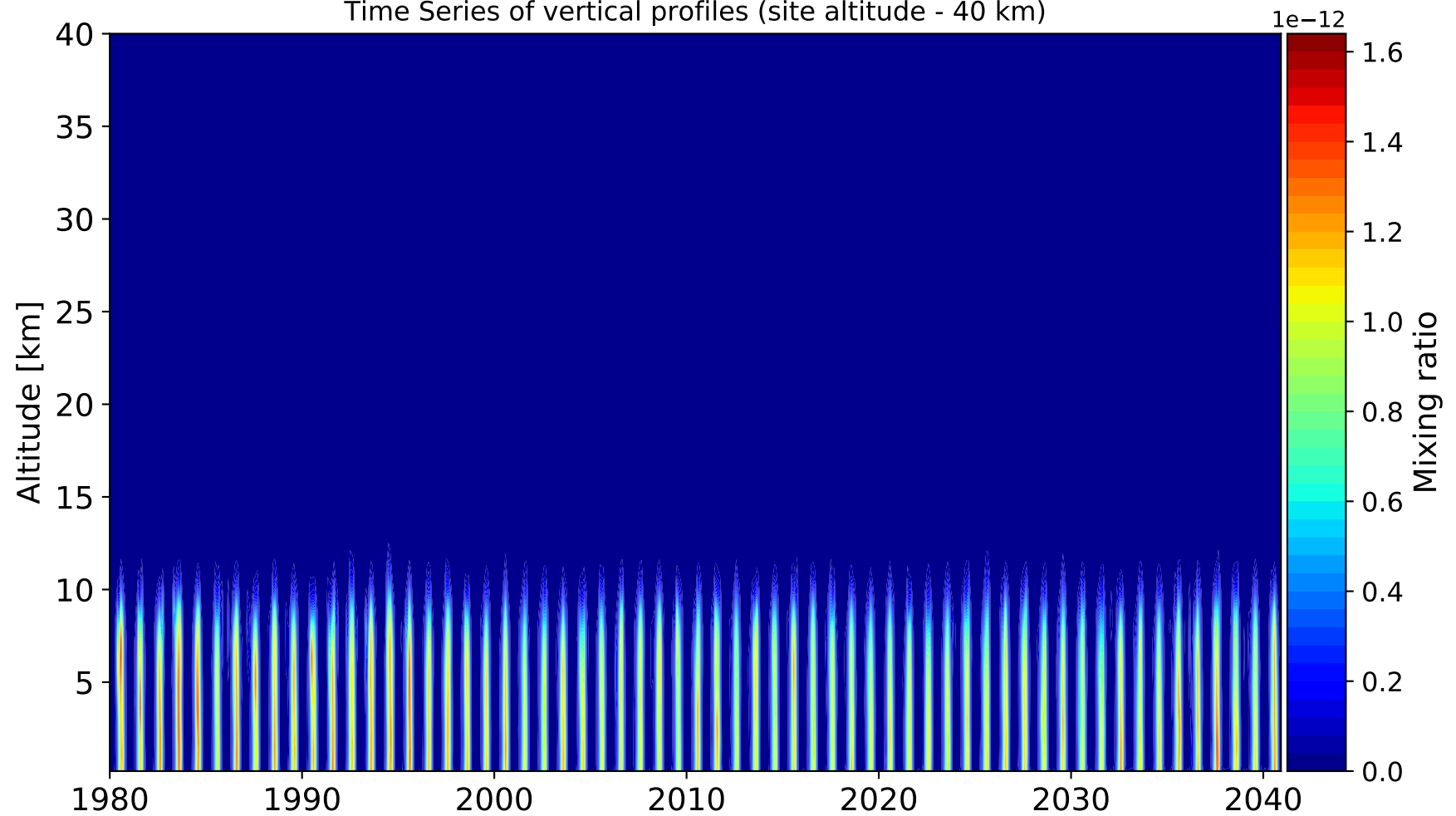


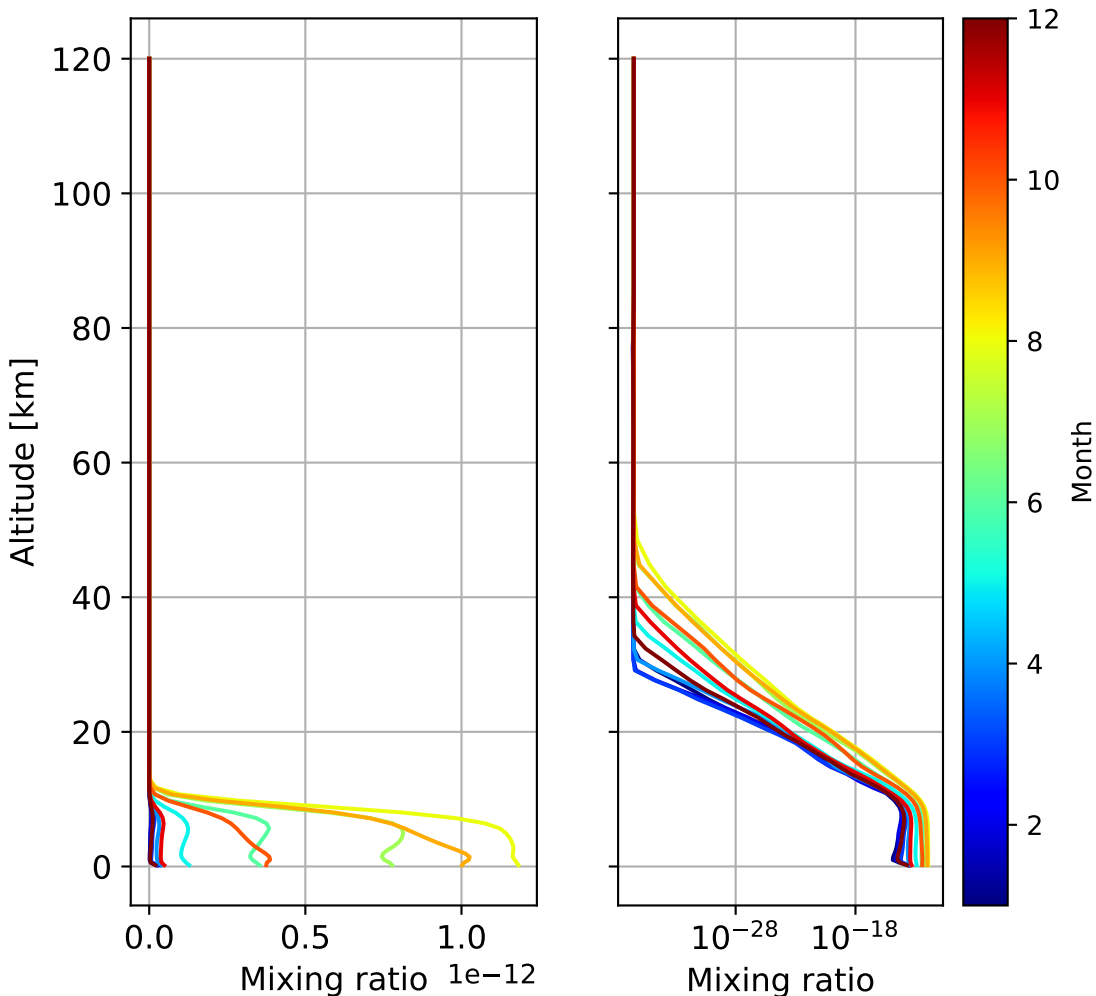
Time Series of vertical profiles (site altitude - 120 km)



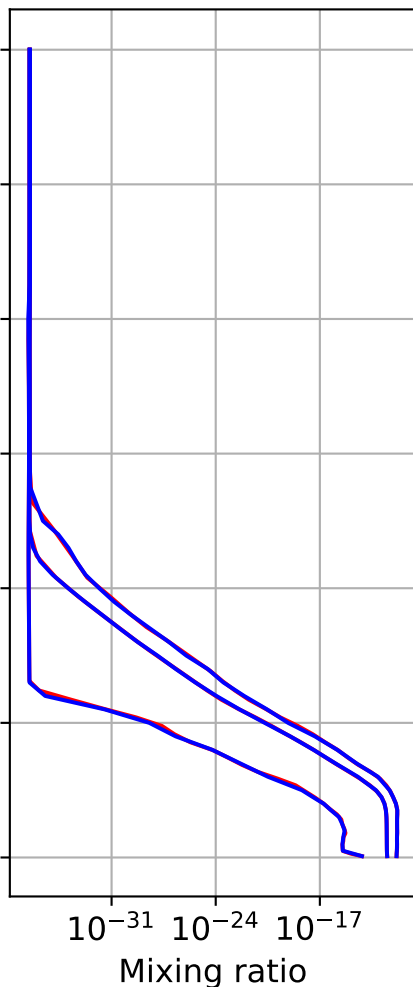
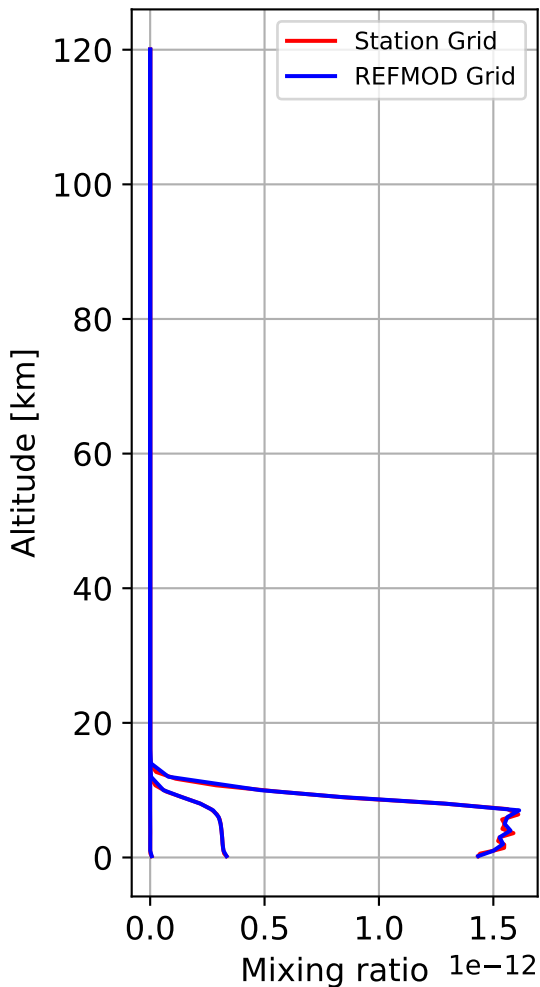
Time Series of vertical profiles (site altitude - 40 km)



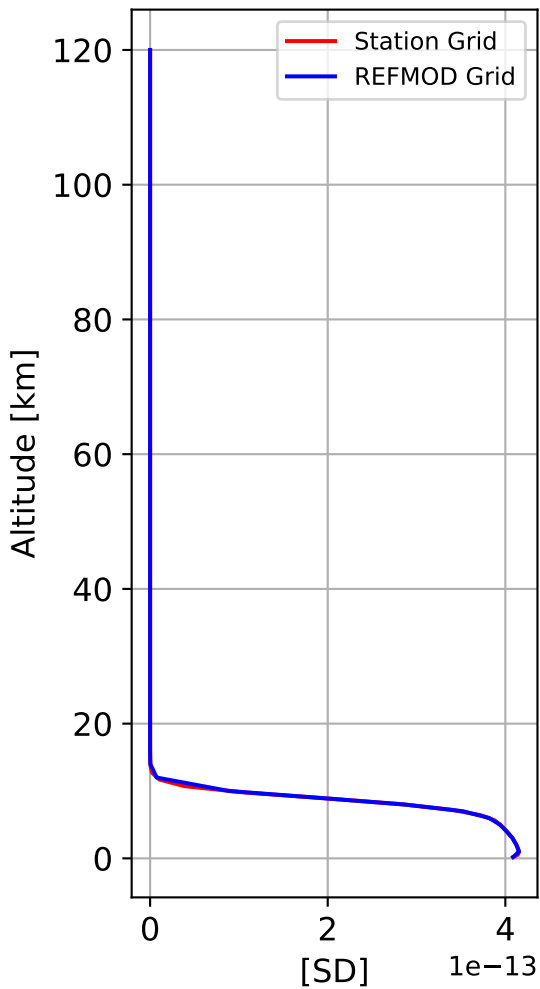
Monthly mean WACCM profile (interpolated to station grid)  
Arrival\_Heights, -78.83N, 166.66E, 0.2kmasl



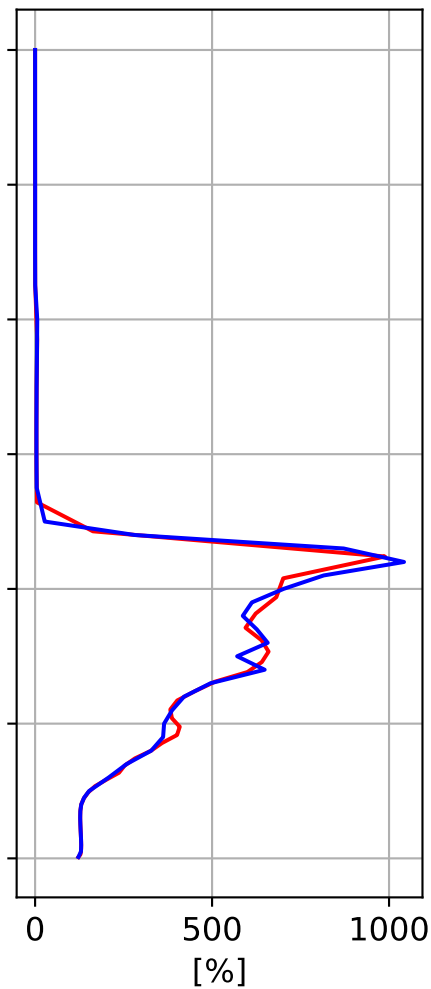
Min, Max, Mean of 732 profiles  
Arrival\_Heights, -78.83N, 166.66E, 0.2kmasl



Std. Deviation



Percent Deviation



Level covariance matrix

1e-25

Altitude [km]

120  
100  
80  
60  
40  
20

20

40

60

80

100

120

Altitude [km]

Mixing ratio[ $\wedge 2$ ]

1.6

1.4

1.2

1.0

0.8

0.6

0.4

0.2

0.0

