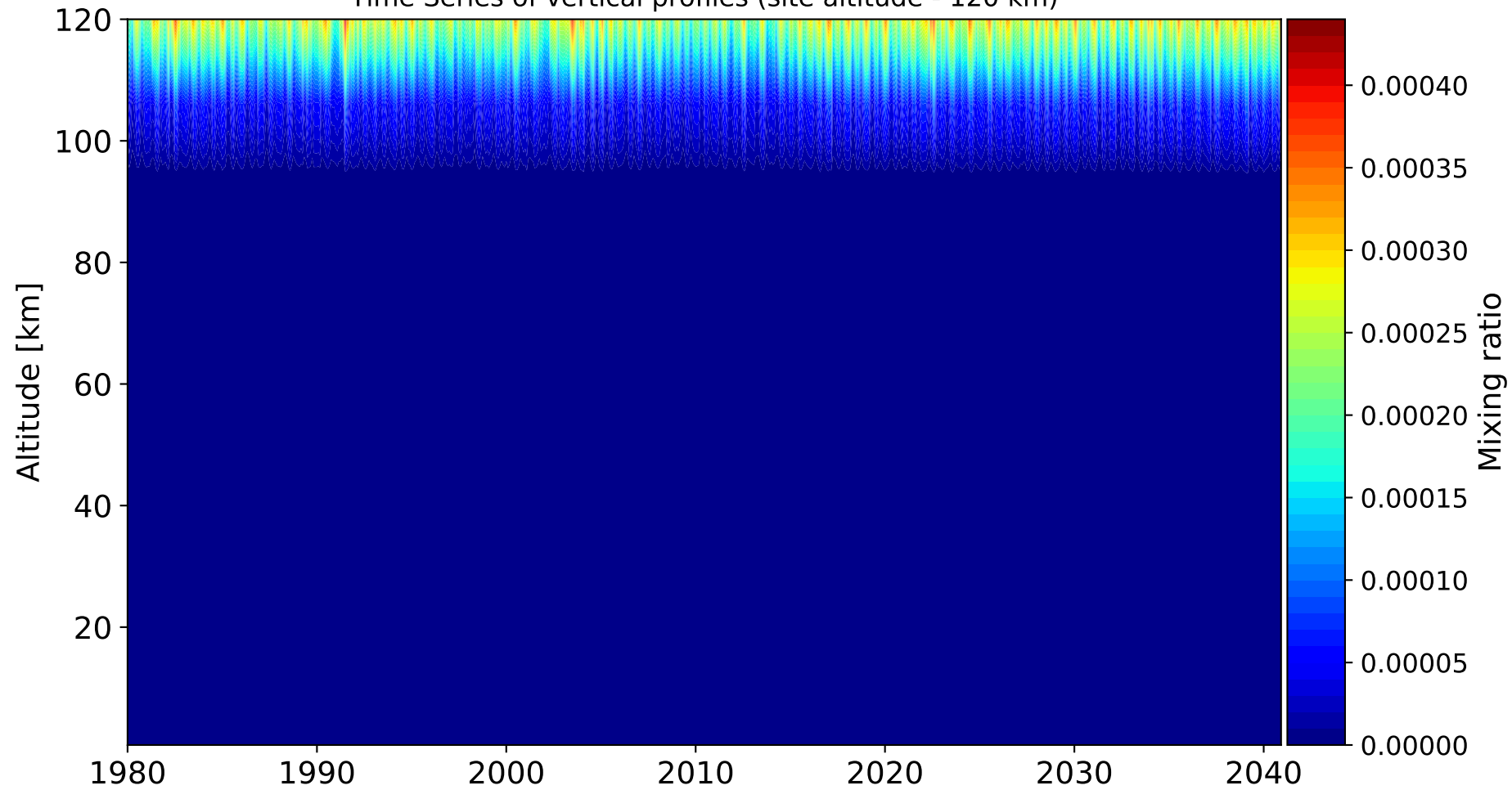
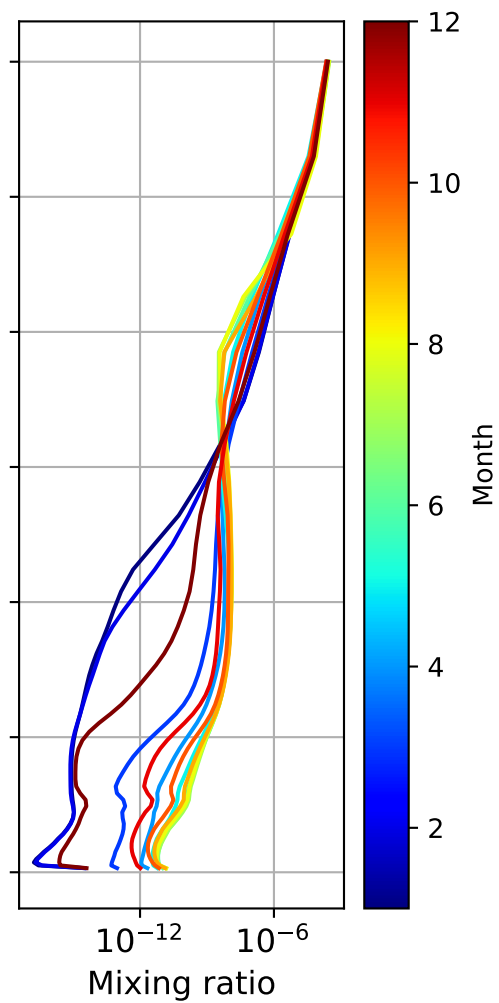
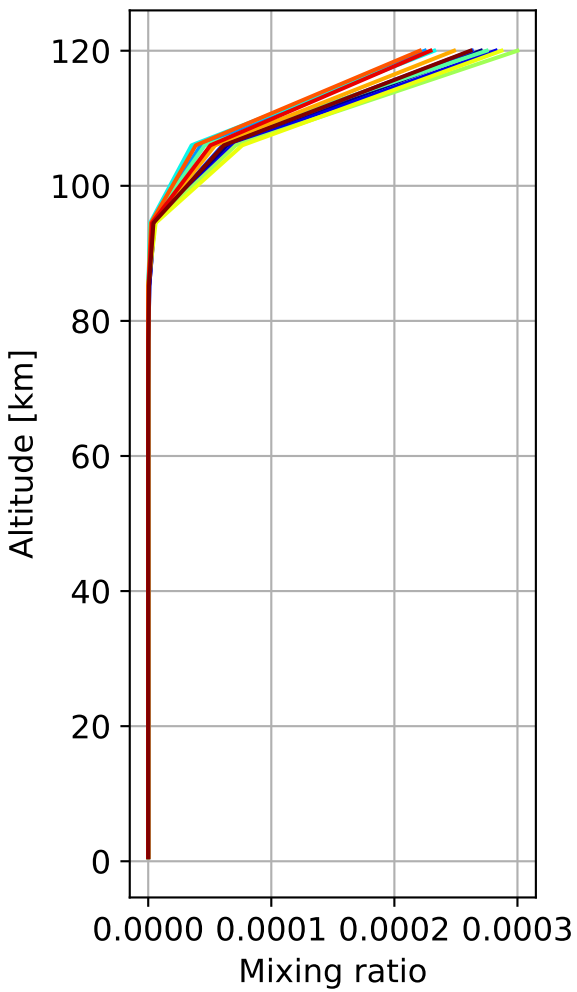


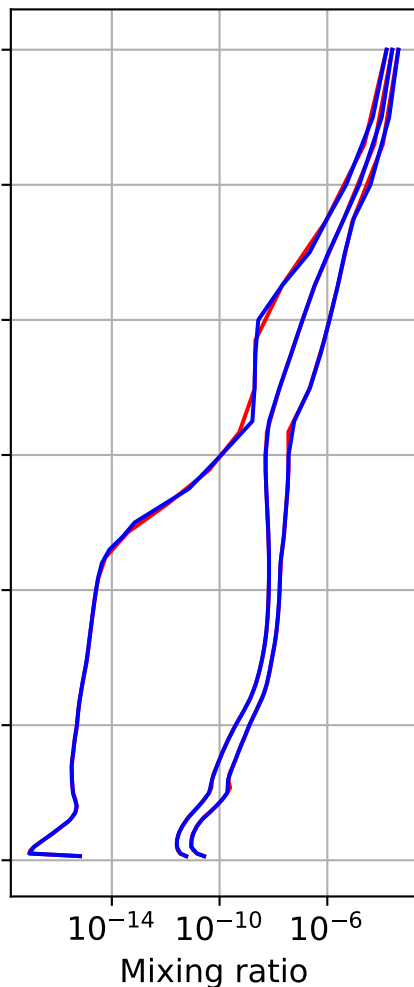
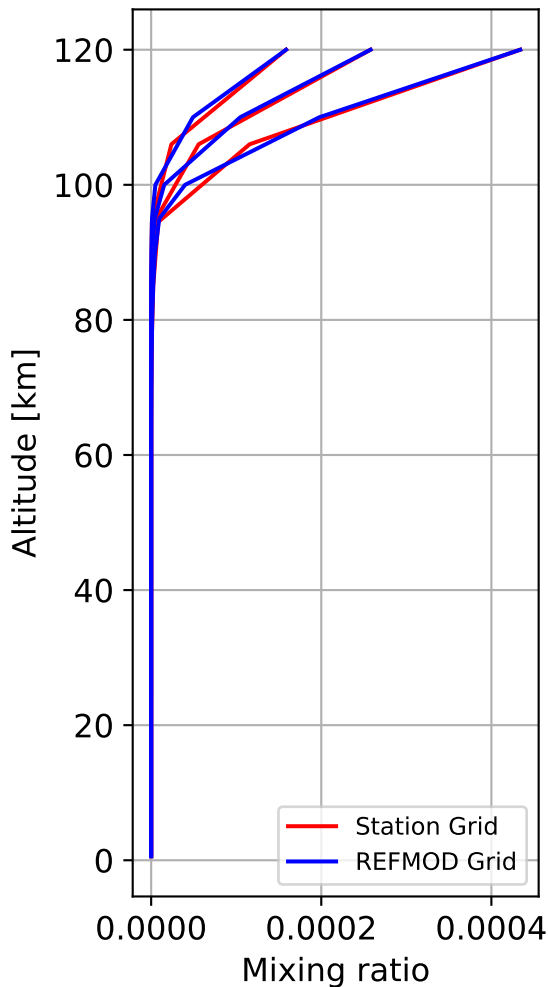
Time Series of vertical profiles (site altitude - 120 km)



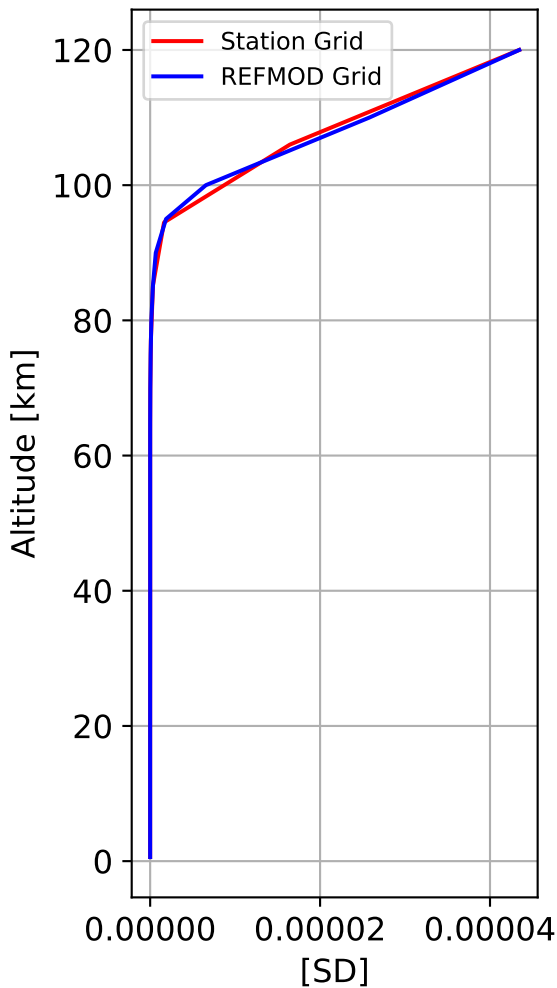
Monthly mean WACCM profile (interpolated to station grid) Eureka, 80.05N, 273.58E, 0.61kmasl



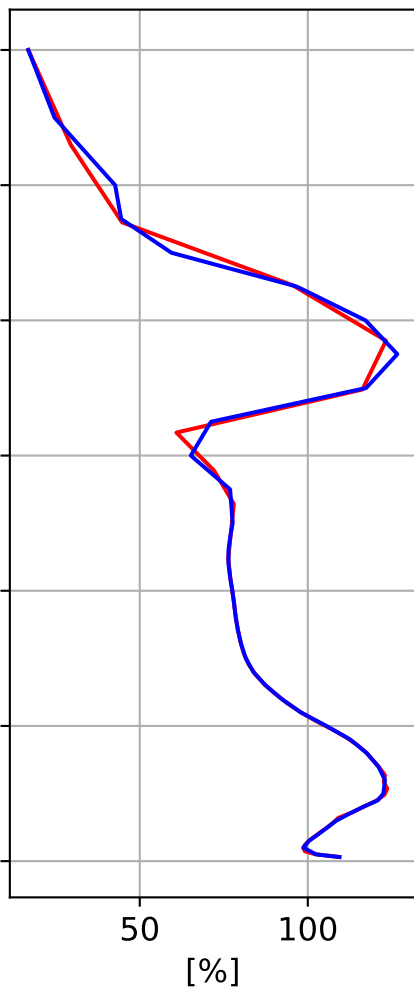
Min, Max, Mean of 732 profiles
Eureka, 80.05N, 273.58E, 0.61kmasl



Std. Deviation



Percent Deviation



Level covariance matrix

1e-9

Altitude [km]

120
100
80
60
40
20

20

40

60

80

100

120

Altitude [km]

1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0Mixing ratio[~ 2]