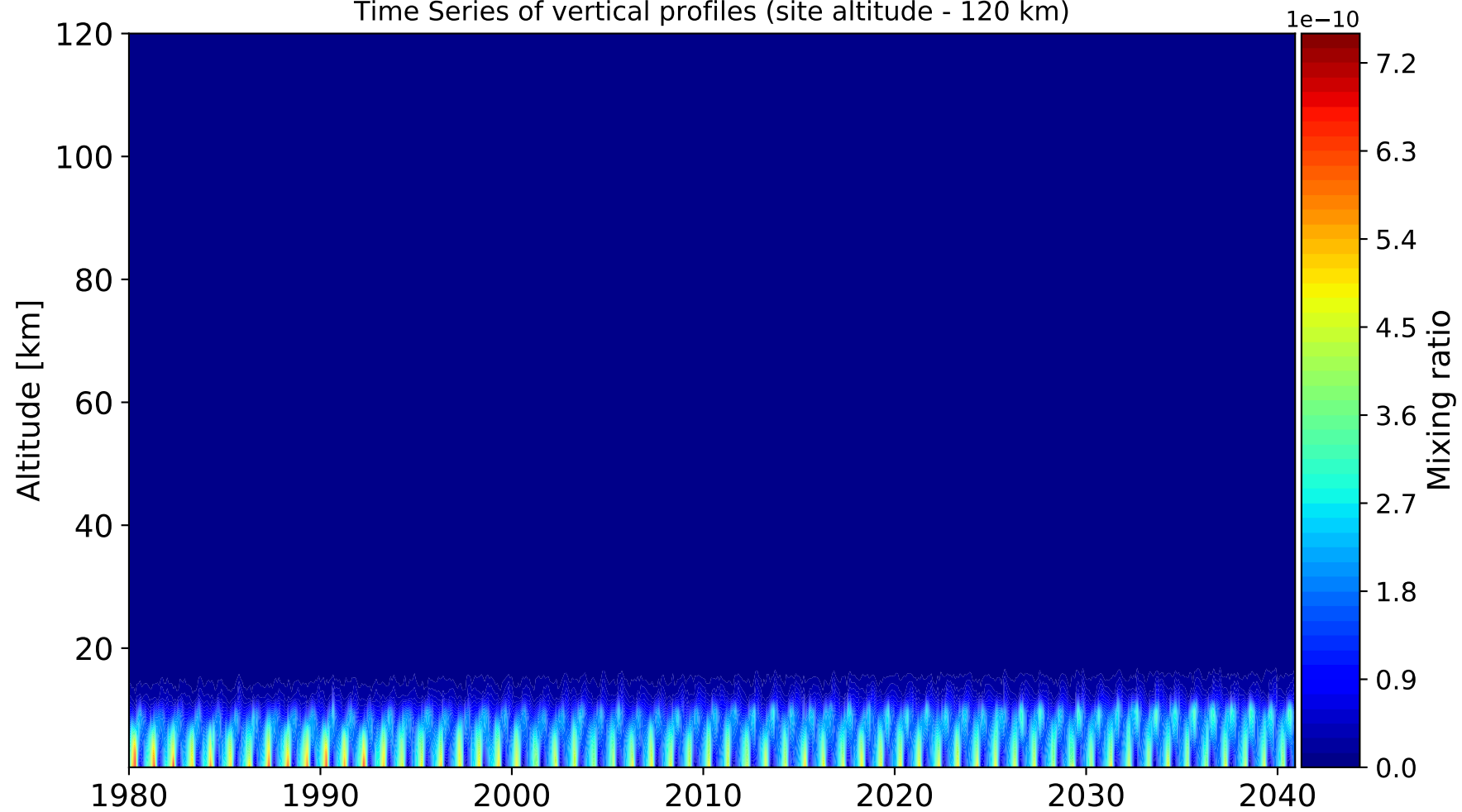
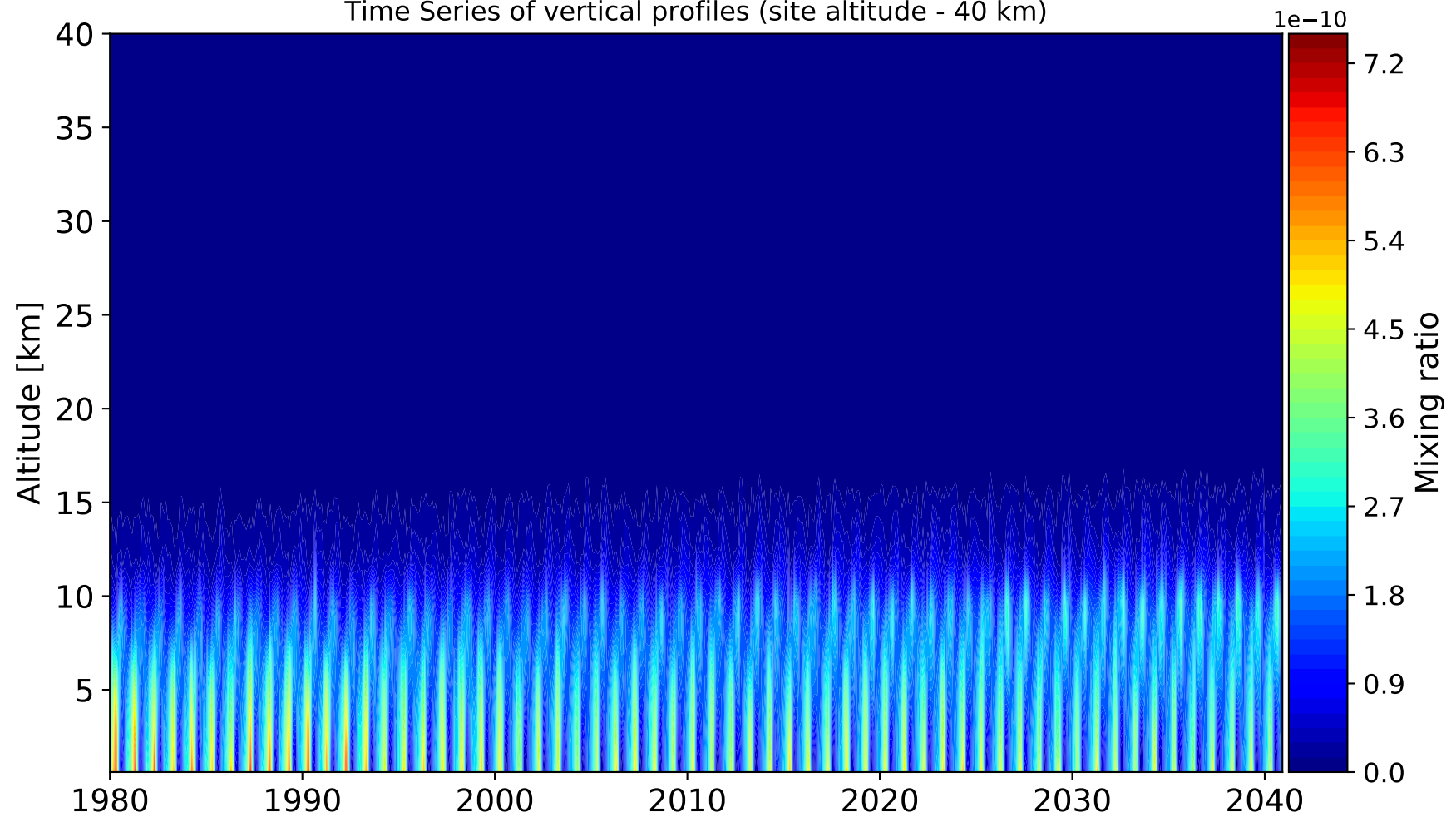


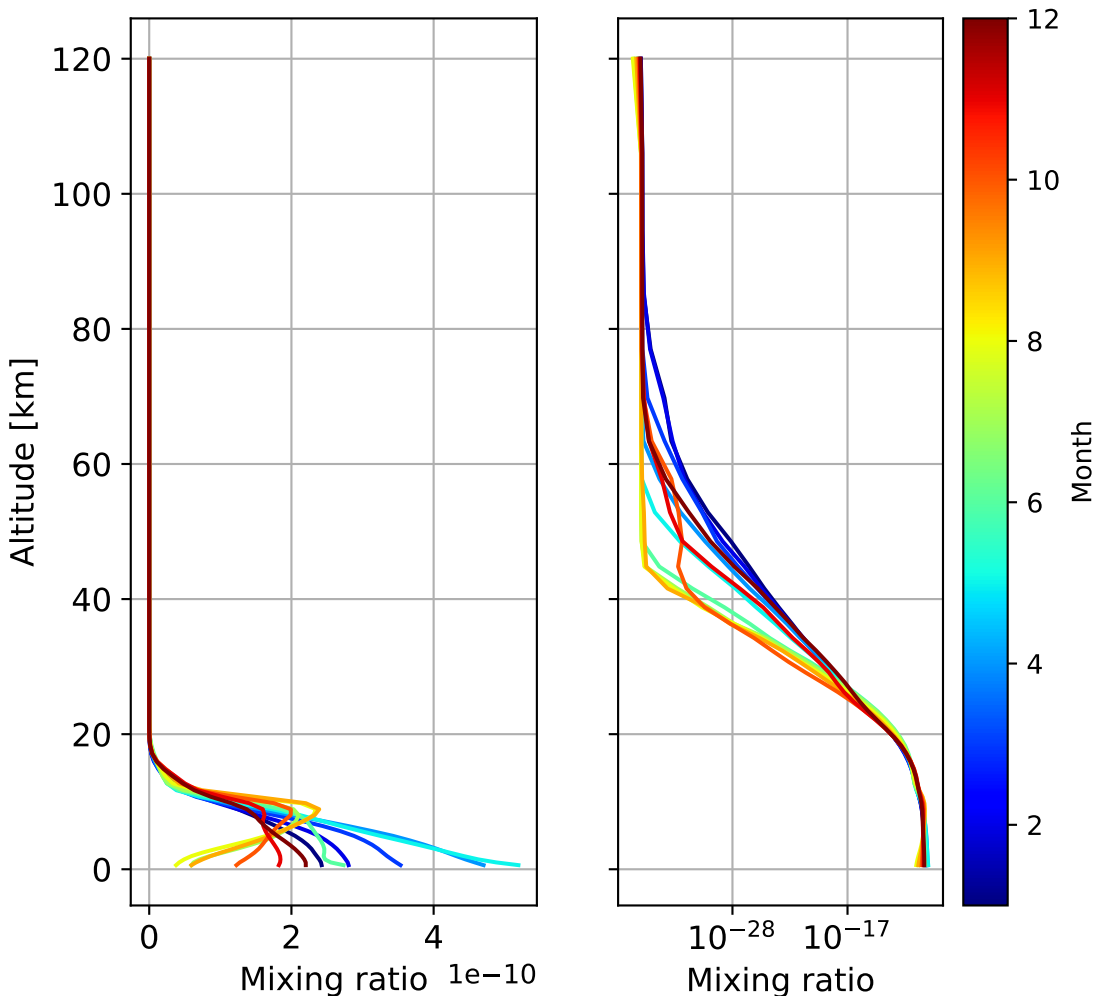
Time Series of vertical profiles (site altitude - 120 km)



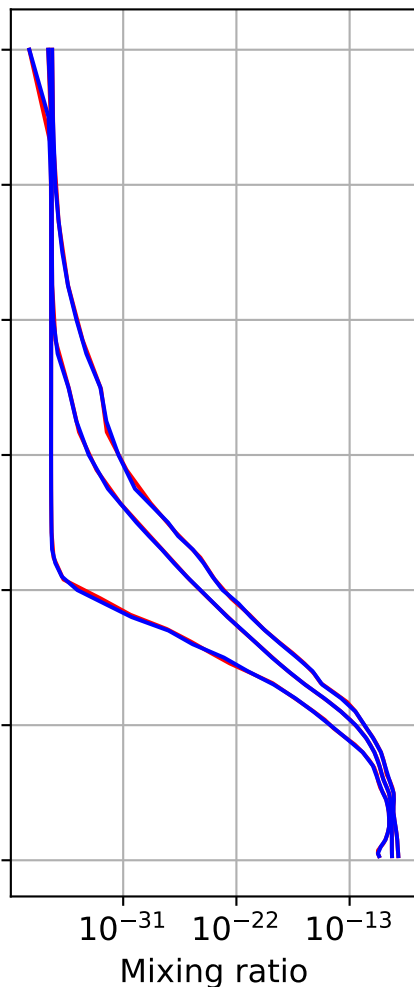
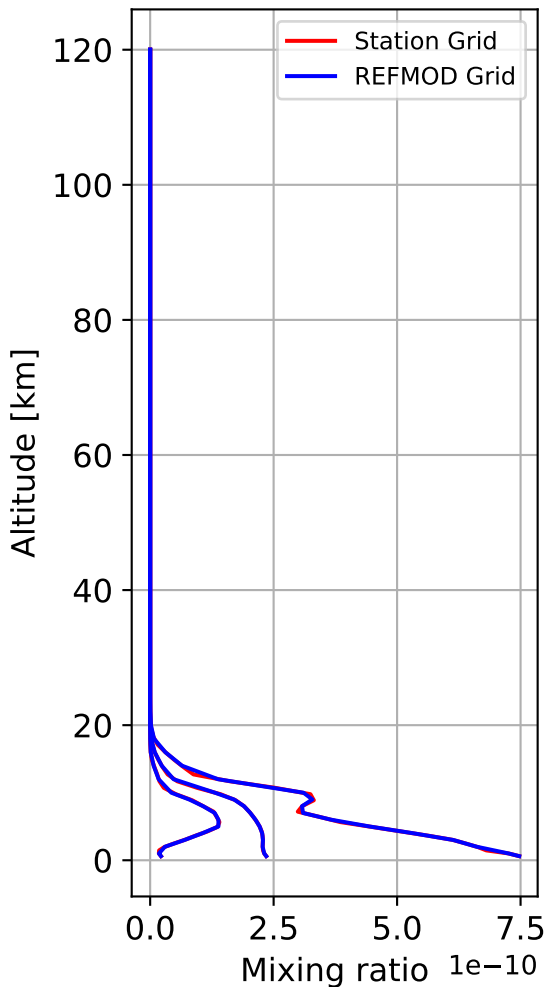
Time Series of vertical profiles (site altitude - 40 km)



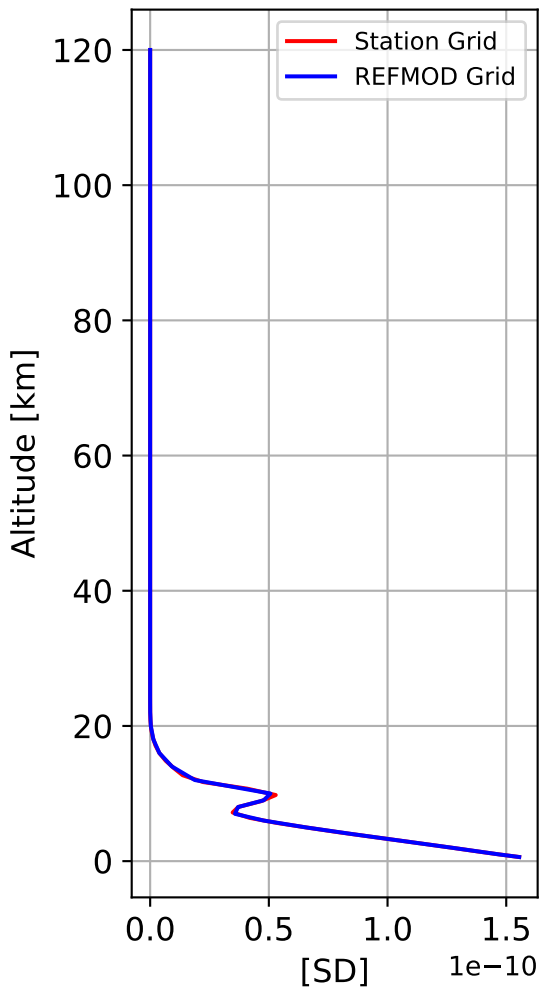
Monthly mean WACCM profile (interpolated to station grid) Eureka, 80.05N, 273.58E, 0.61kmasl



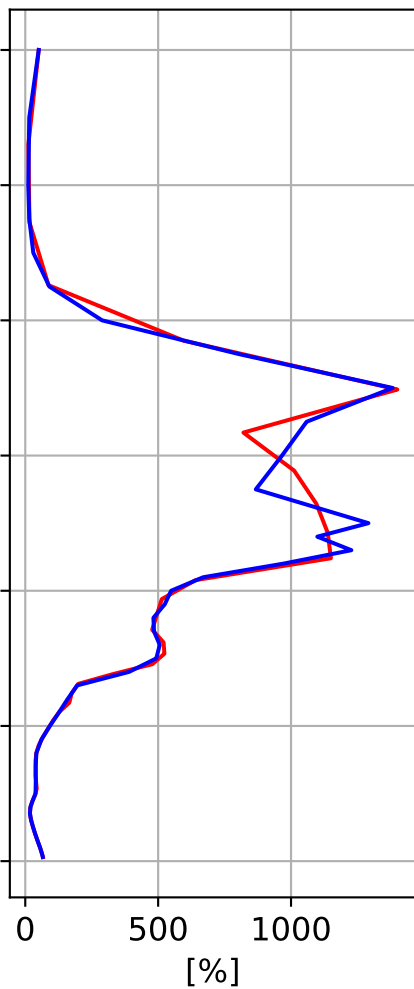
Min, Max, Mean of 732 profiles
Eureka, 80.05N, 273.58E, 0.61kmasl



Std. Deviation



Percent Deviation



Level covariance matrix

1e-20

Altitude [km]

120

100

80

60

40

20

20

40

60

80

100

120

Altitude [km]

2.16

1.80

1.44

1.08

0.72

0.36

0.00

-0.36

Mixing ratio[\wedge^2]