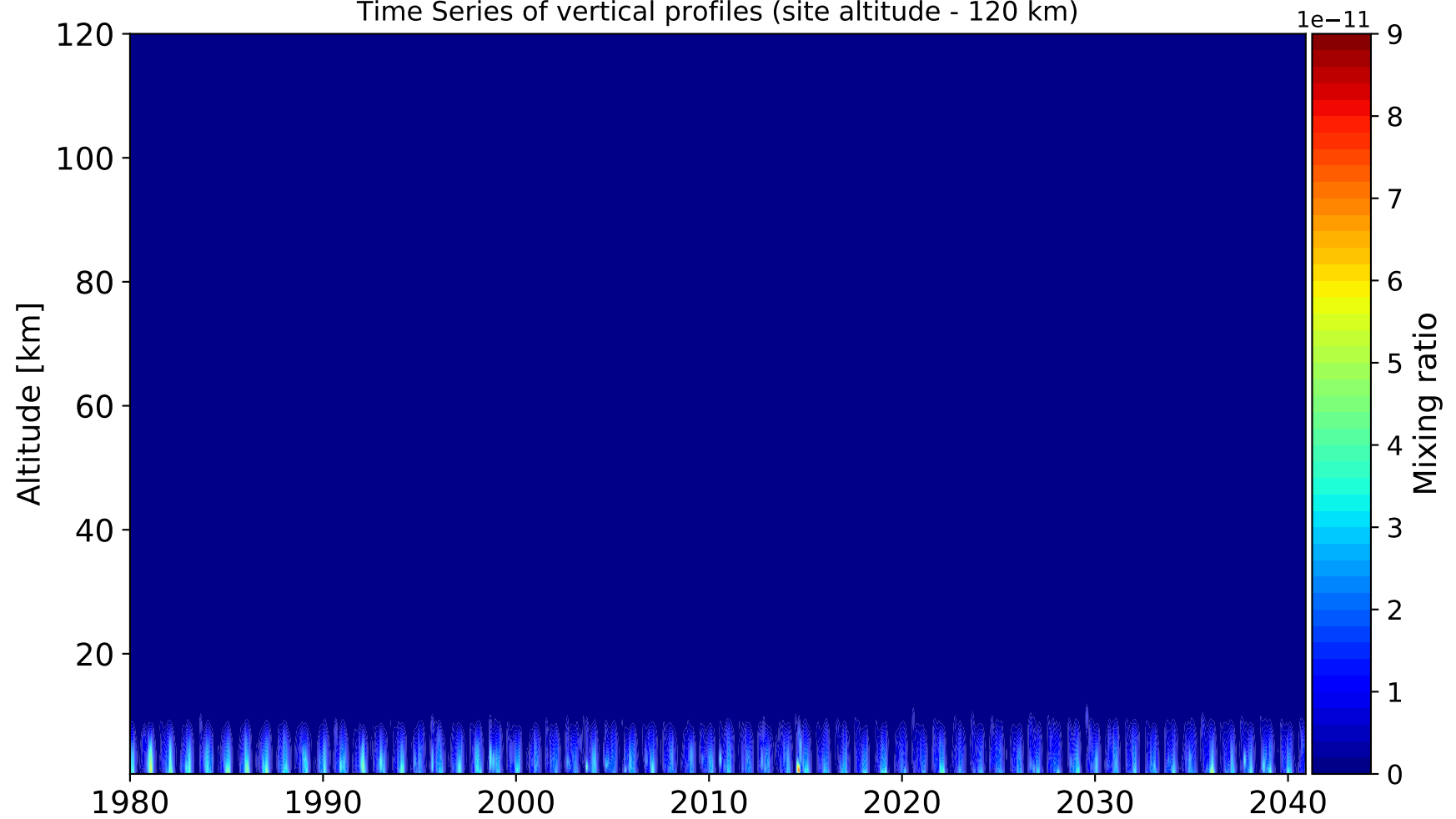
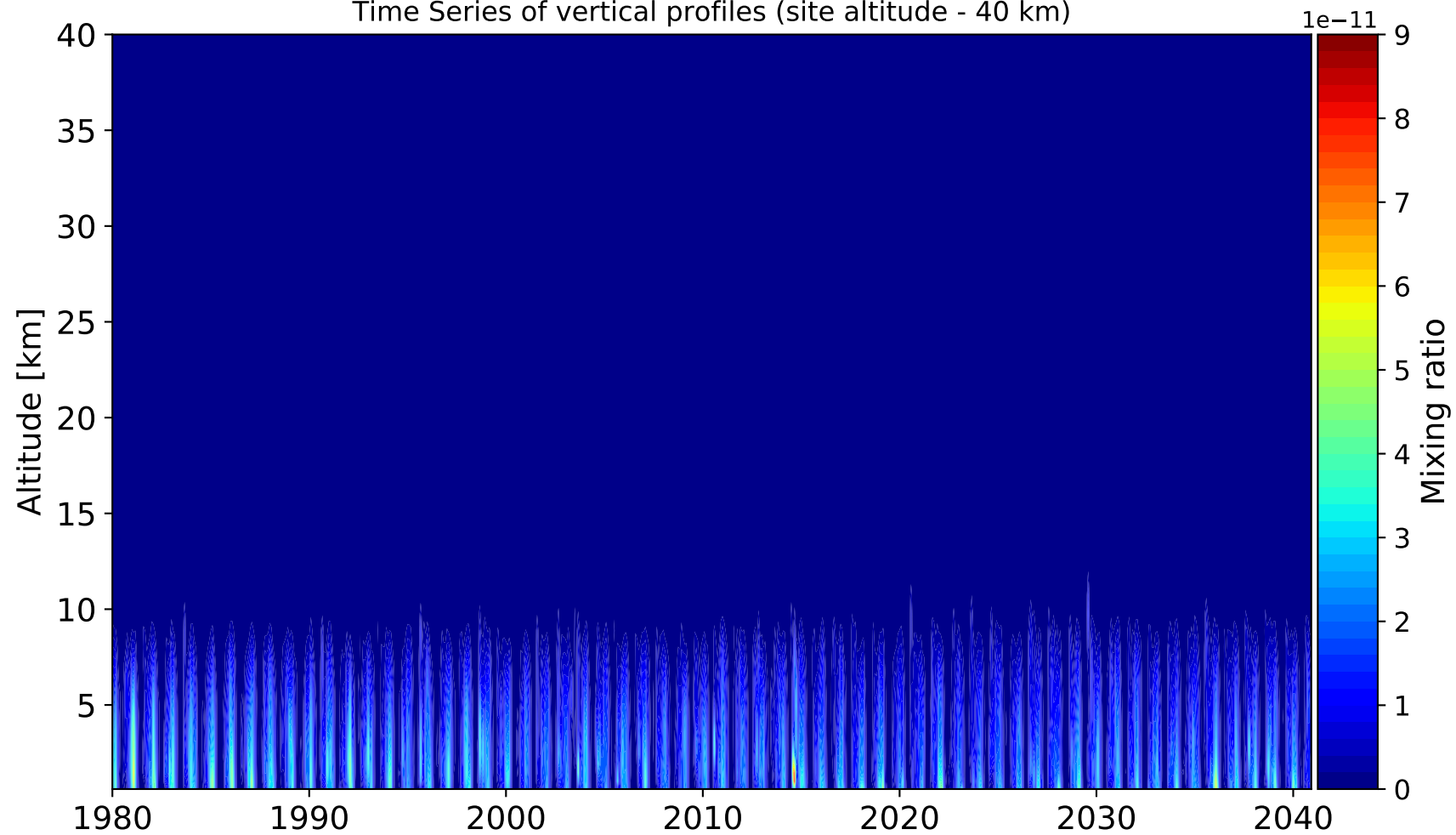


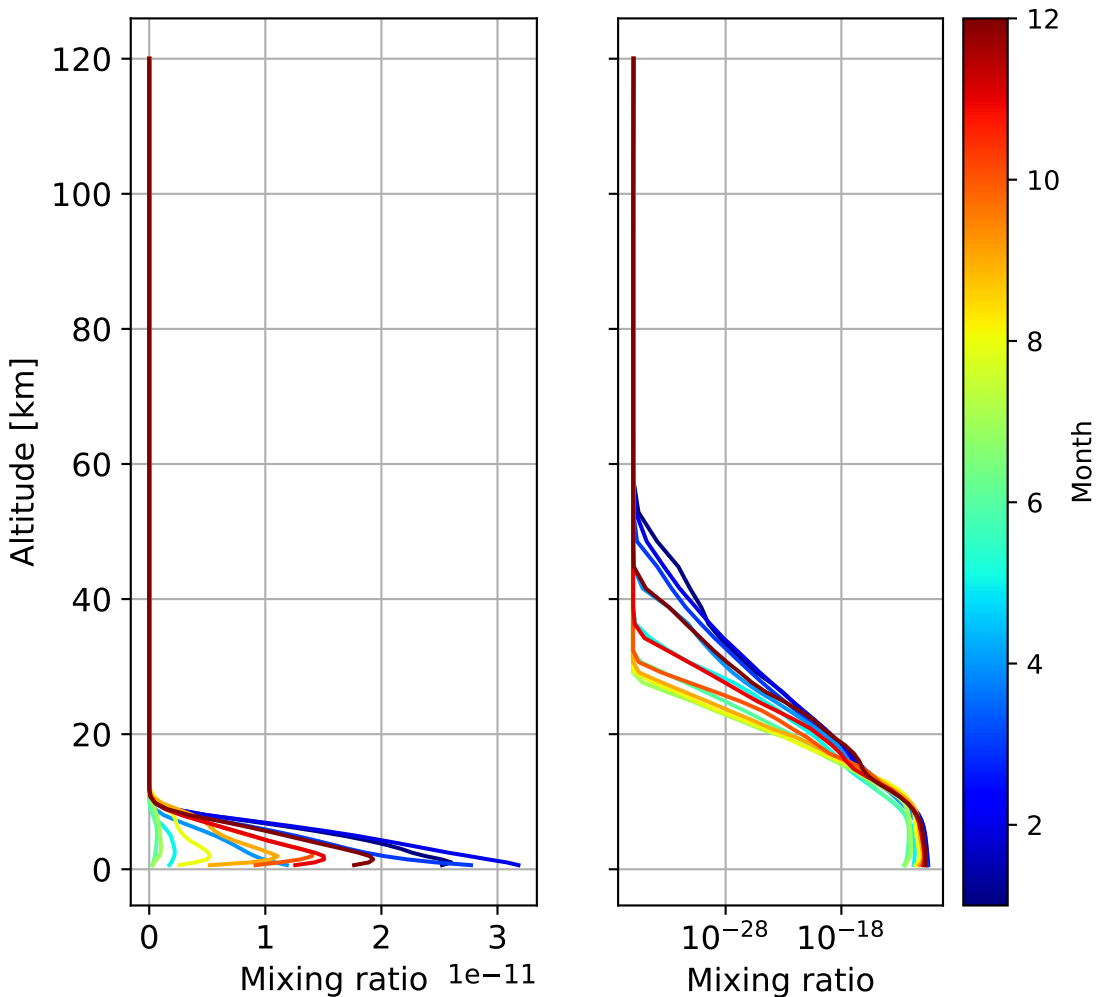
Time Series of vertical profiles (site altitude - 120 km)



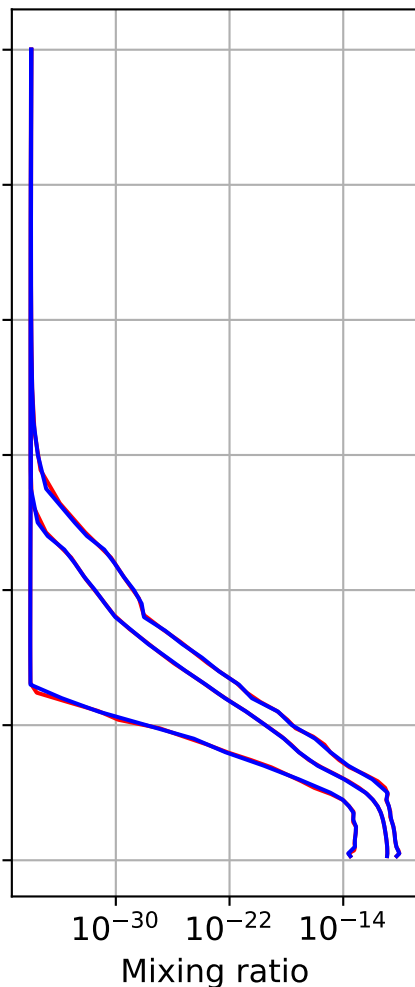
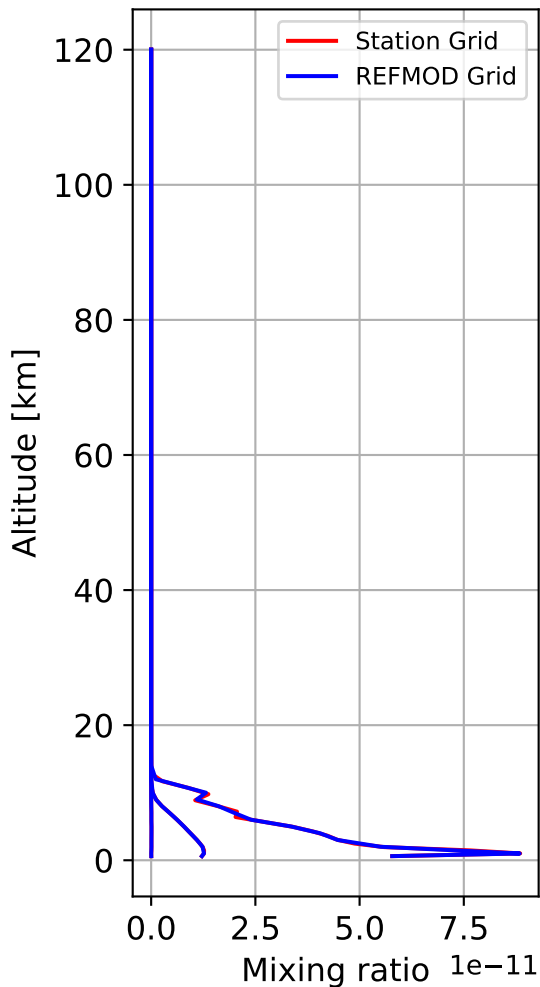
Time Series of vertical profiles (site altitude - 40 km)



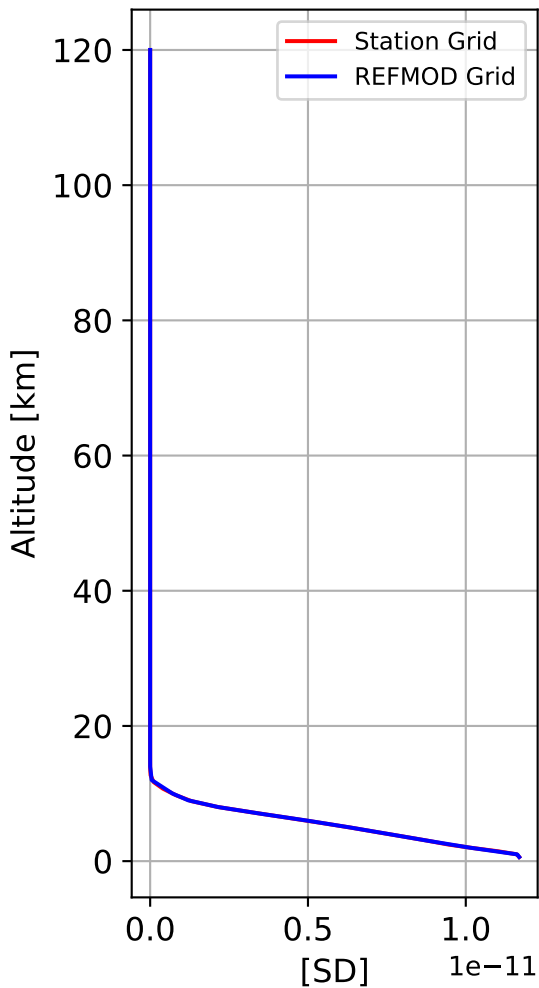
Monthly mean WACCM profile (interpolated to station grid) Eureka, 80.05N, 273.58E, 0.61kmasl



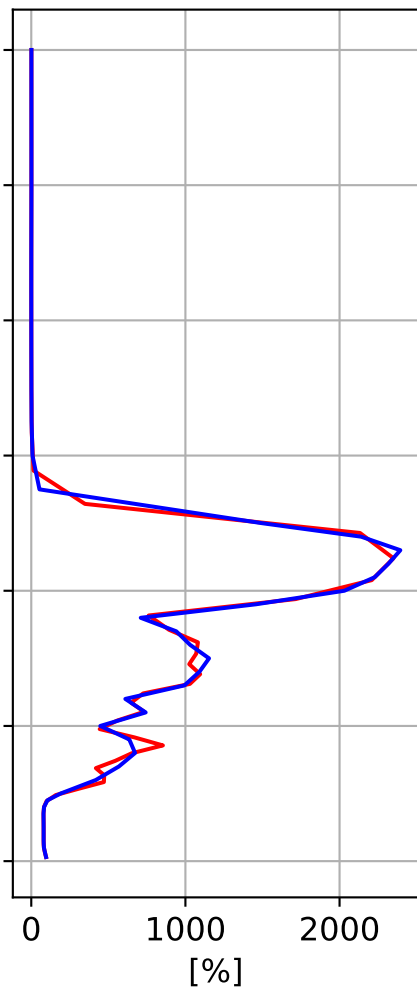
Min, Max, Mean of 732 profiles
Eureka, 80.05N, 273.58E, 0.61kmasl



Std. Deviation



Percent Deviation



Level covariance matrix

1e-22

Altitude [km]

120

100

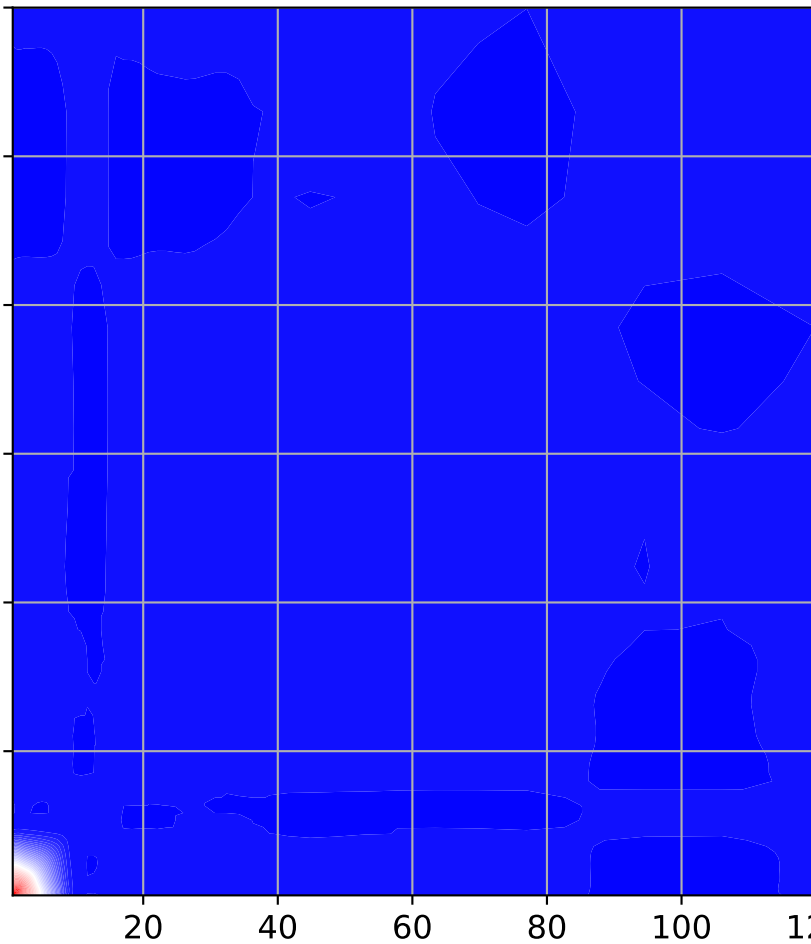
80

60

40

20

0



1.35
1.20
1.05
0.90
0.75
0.60
0.45
0.30
0.15
0.00

Mixing ratio[²]

Altitude [km]