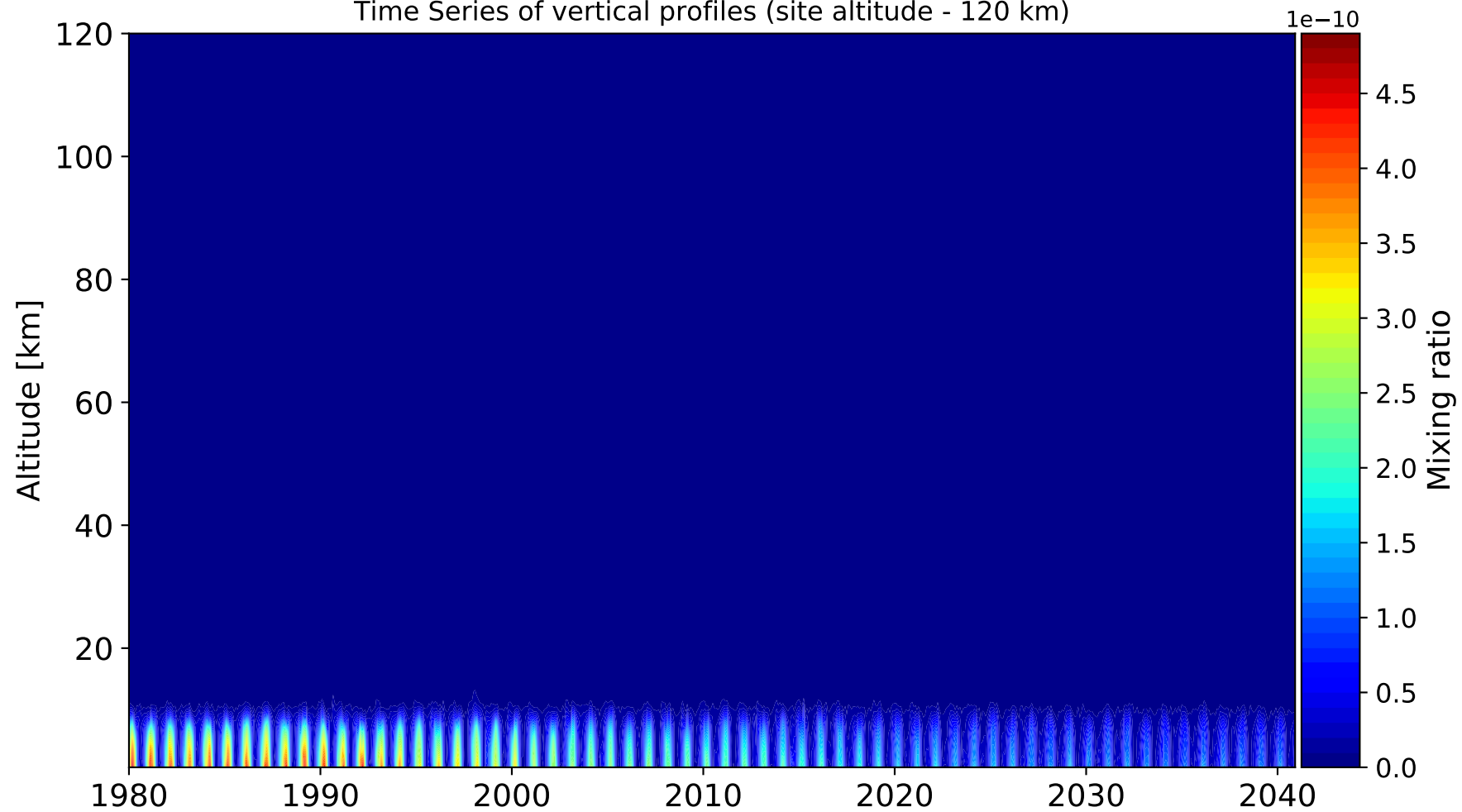


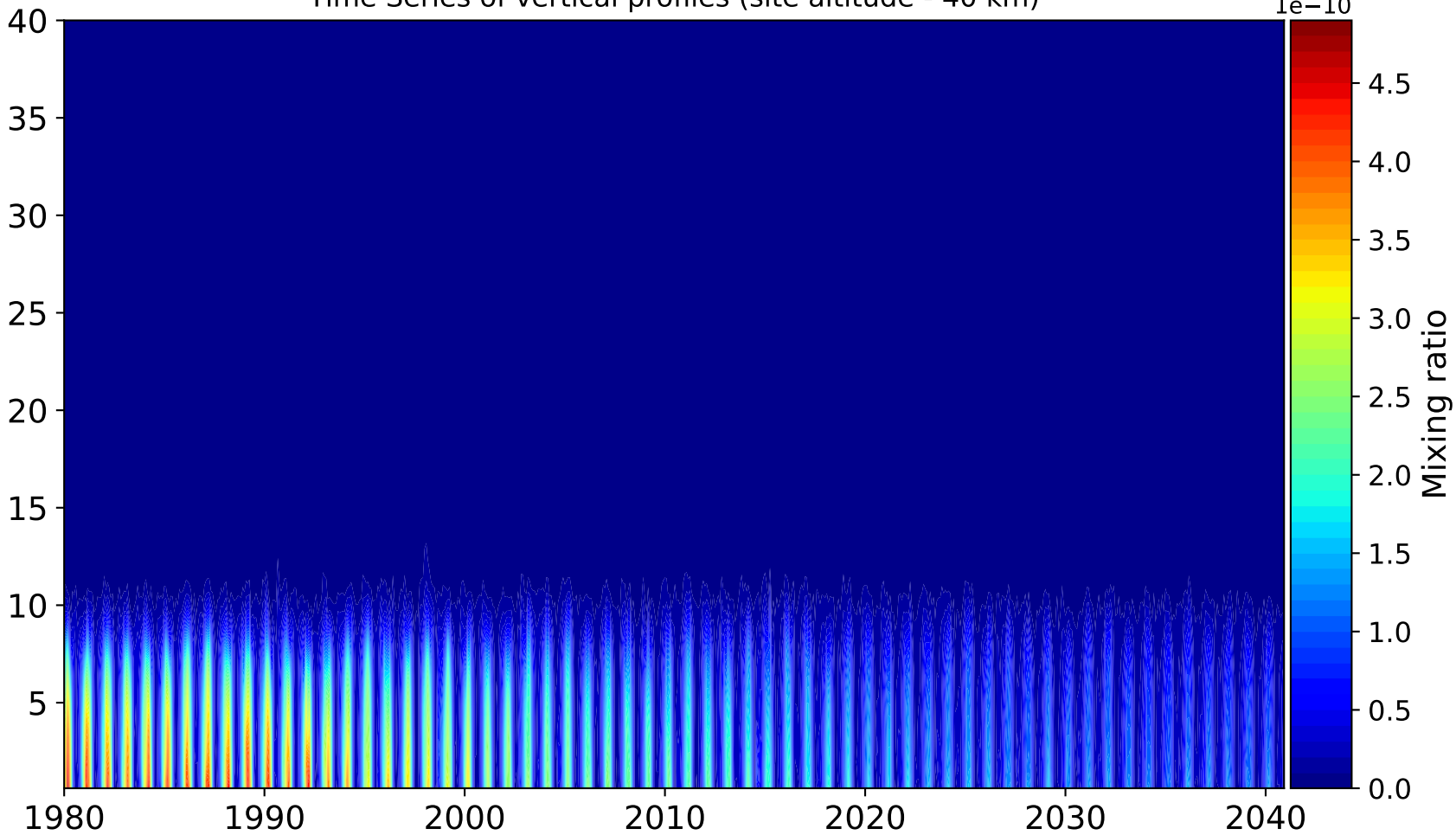
Time Series of vertical profiles (site altitude - 120 km)



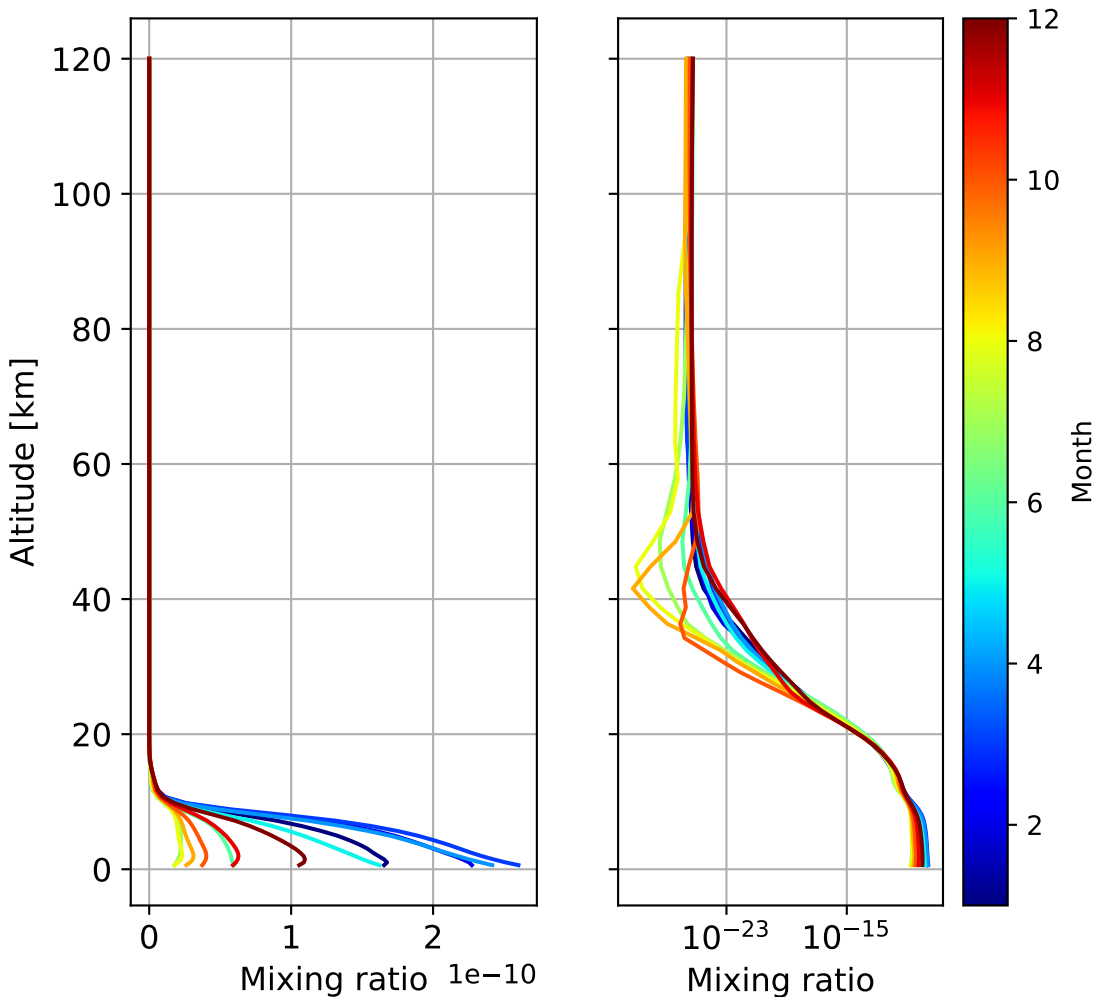
Time Series of vertical profiles (site altitude - 40 km)

1e-10

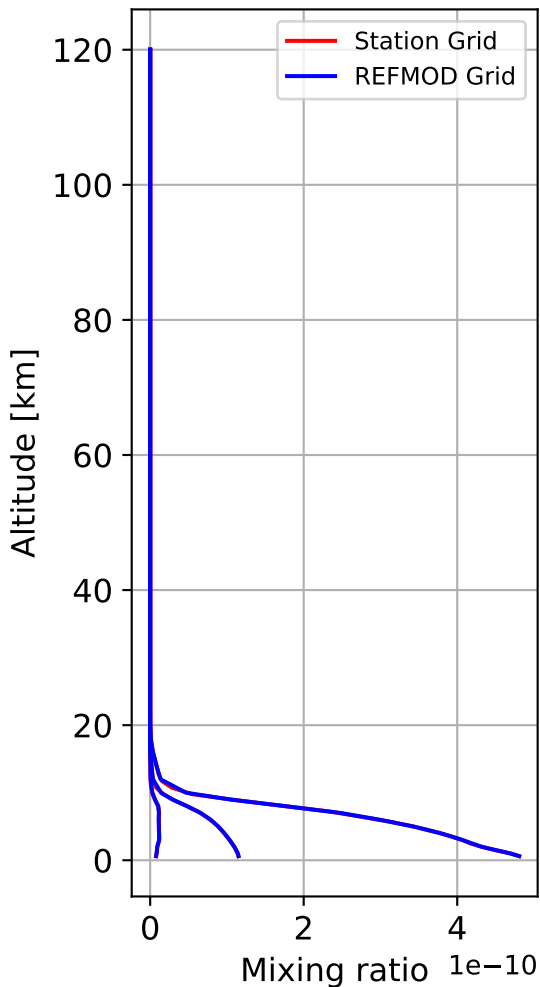
Altitude [km]



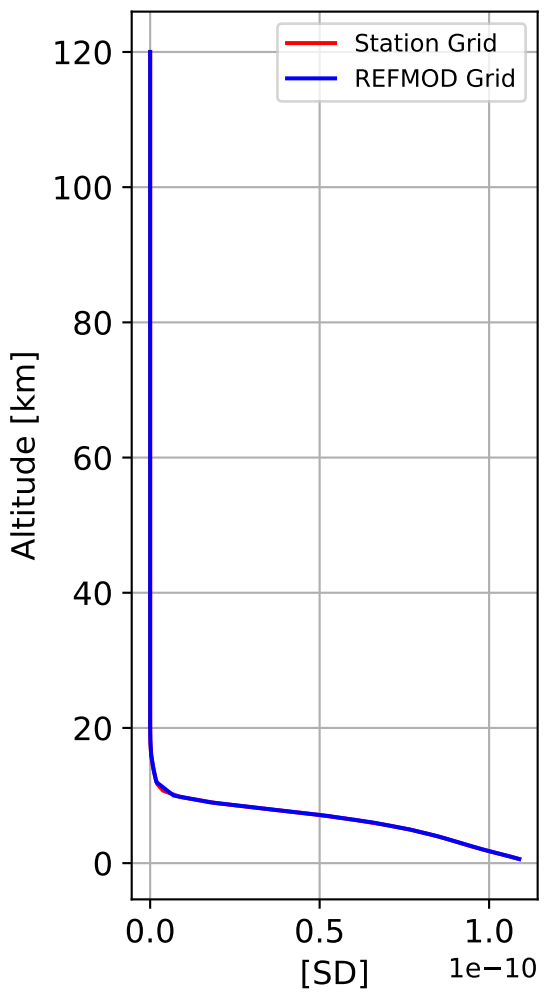
Monthly mean WACCM profile (interpolated to station grid) Eureka, 80.05N, 273.58E, 0.61kmasl



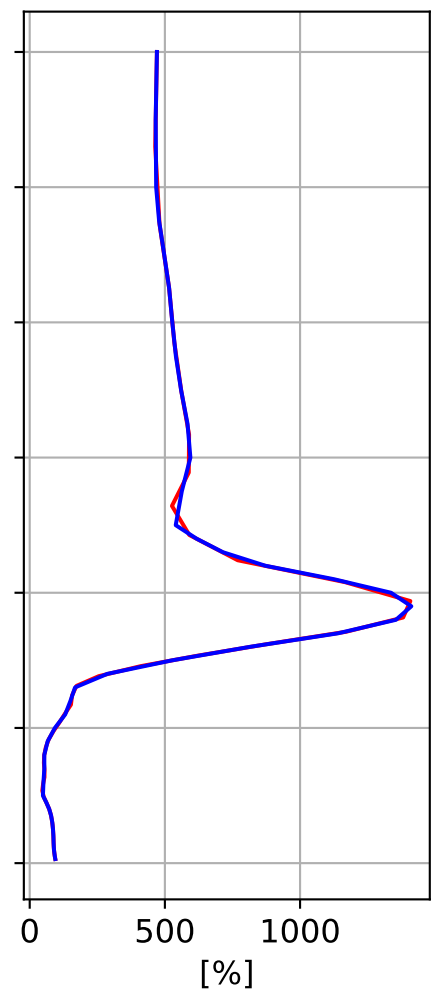
Min, Max, Mean of 732 profiles
Eureka, 80.05N, 273.58E, 0.61kmasl



Std. Deviation



Percent Deviation

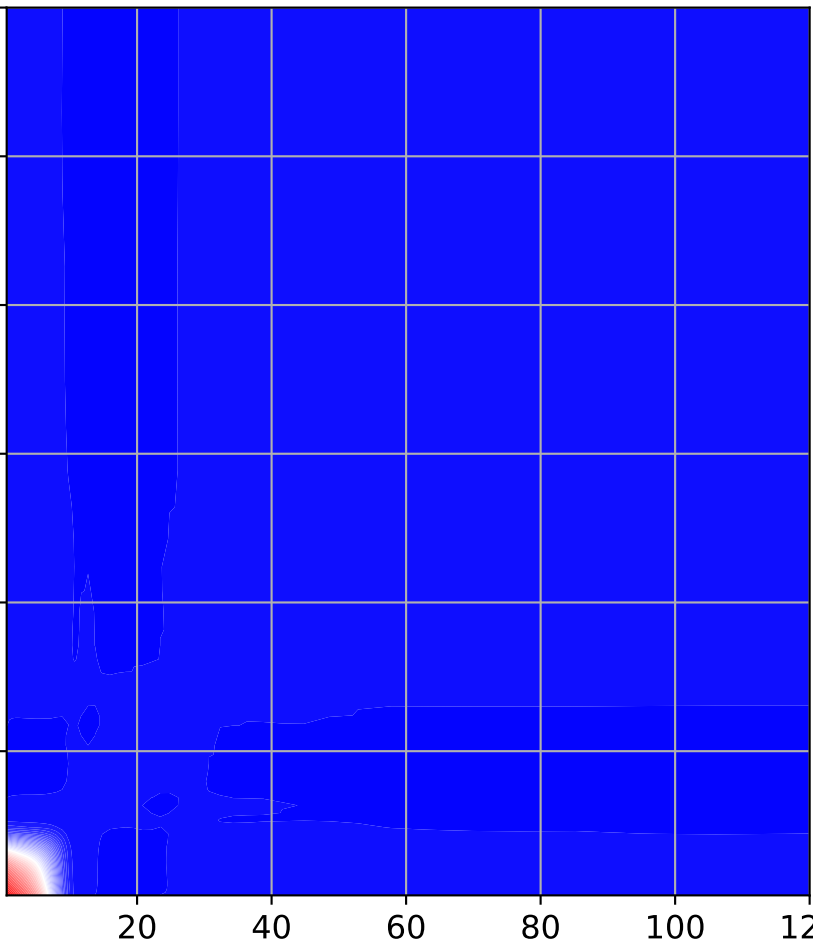


Level covariance matrix

1e-20

Altitude [km]

120
100
80
60
40
20



Altitude [km]

Mixing ratio[²]

1.125
1.000
0.875
0.750
0.625
0.500
0.375
0.250
0.125
0.000