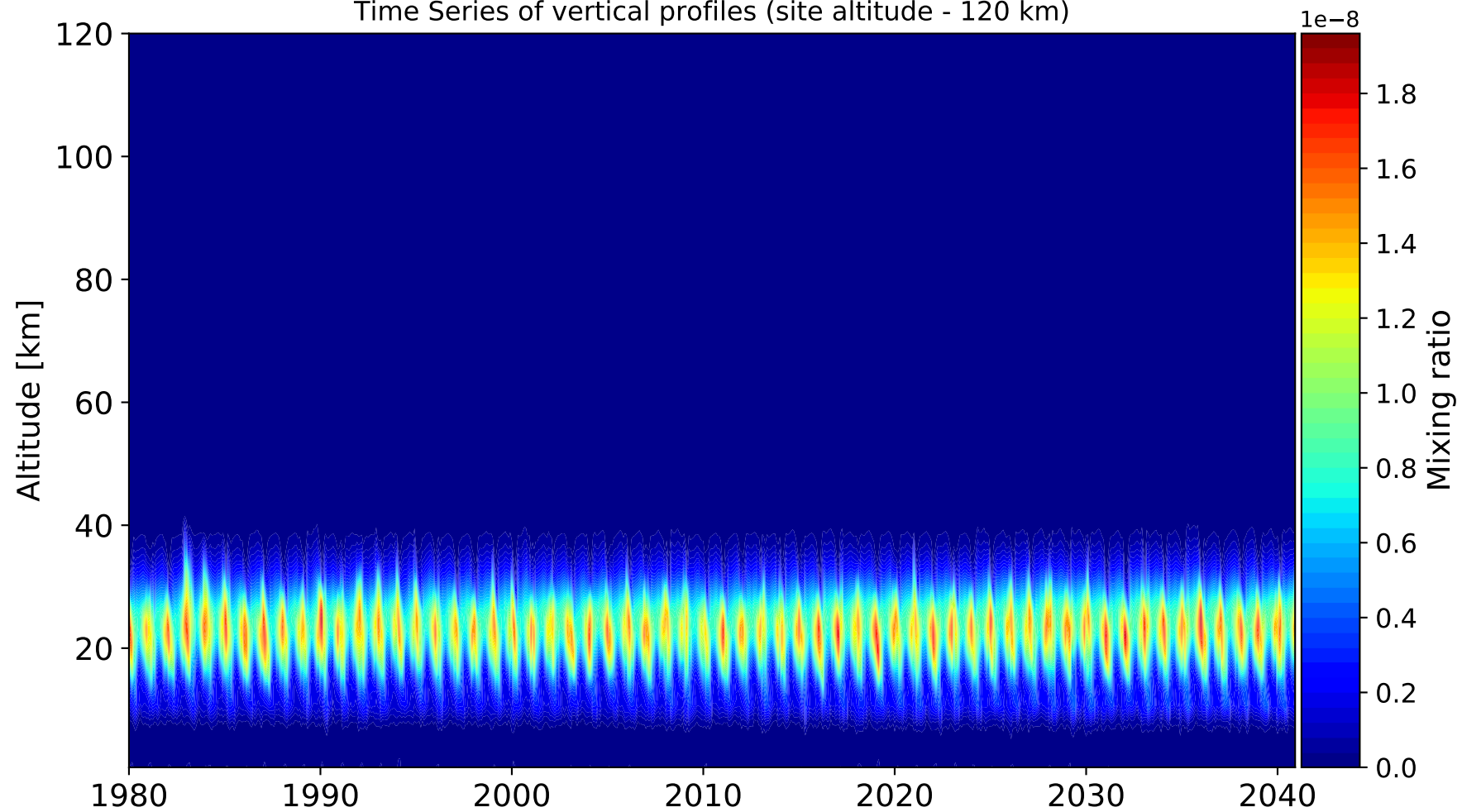
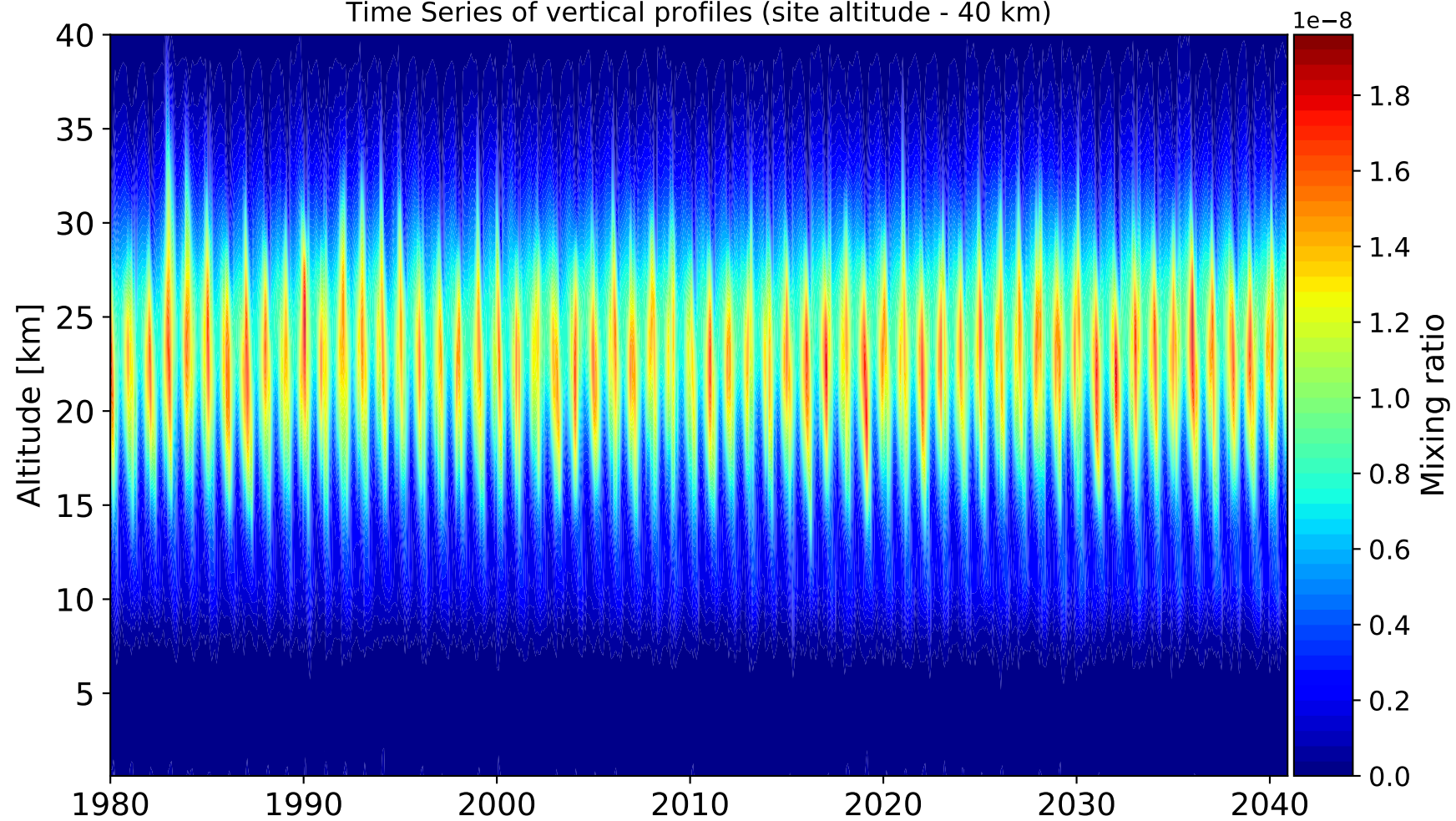


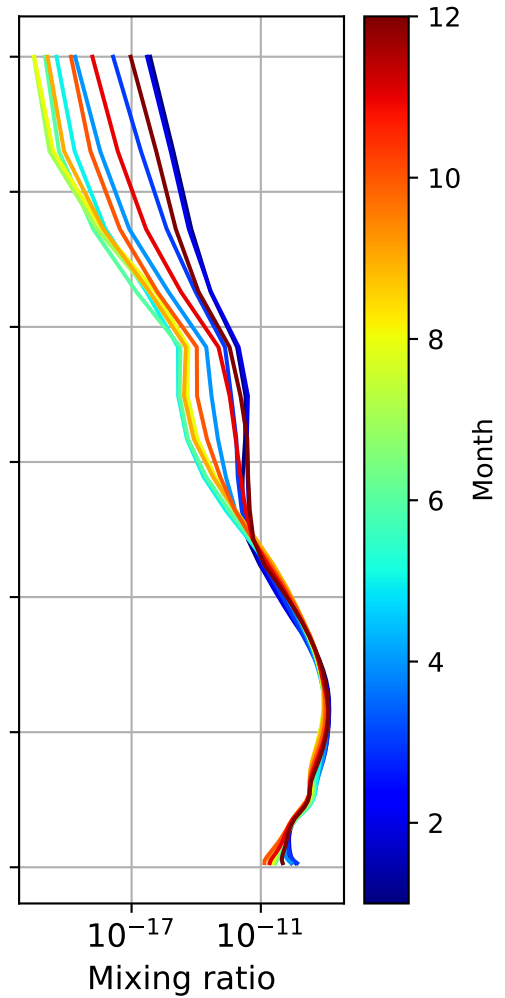
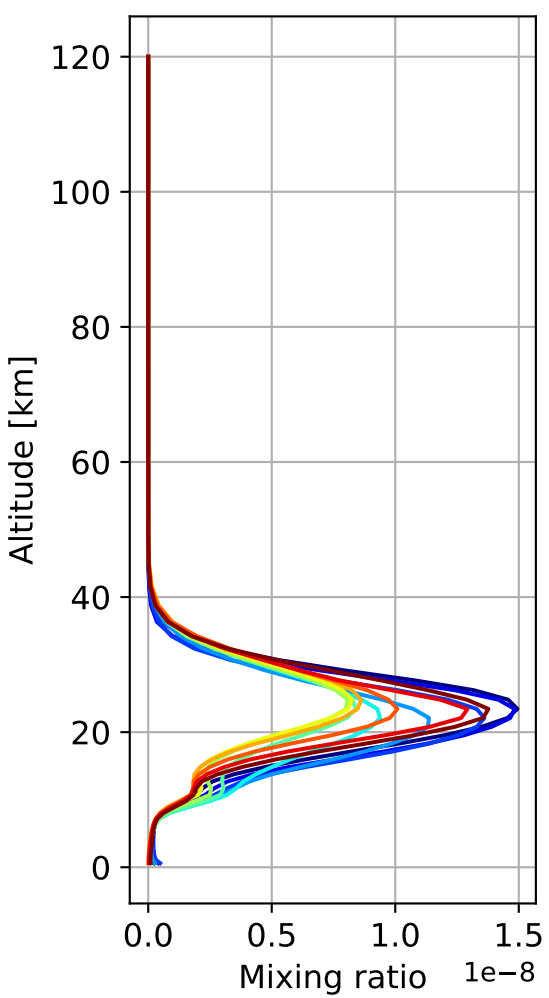
Time Series of vertical profiles (site altitude - 120 km)



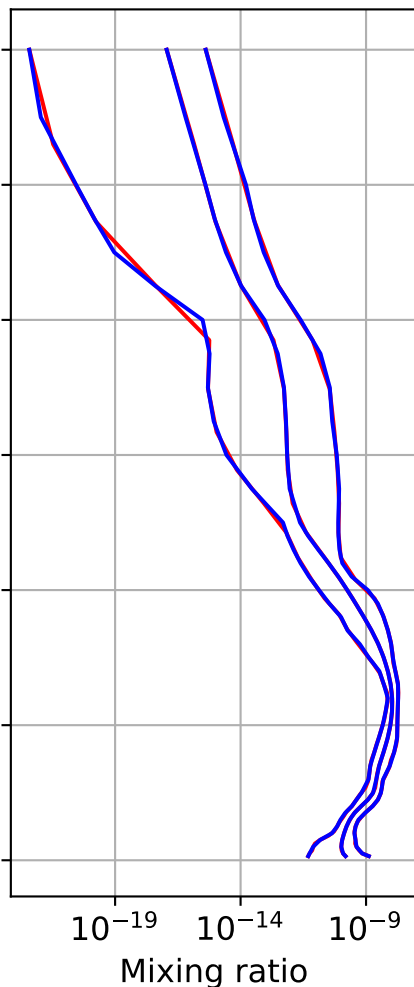
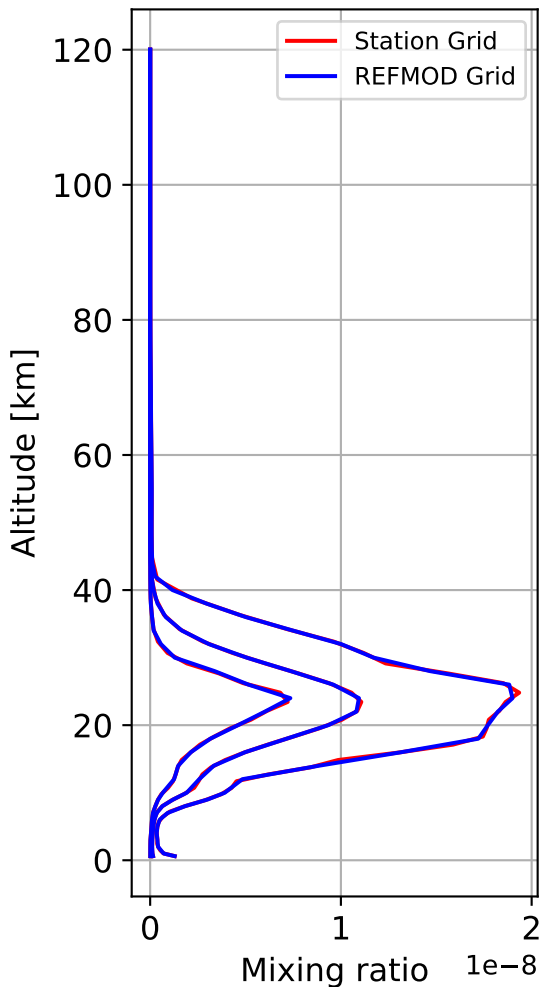
Time Series of vertical profiles (site altitude - 40 km)



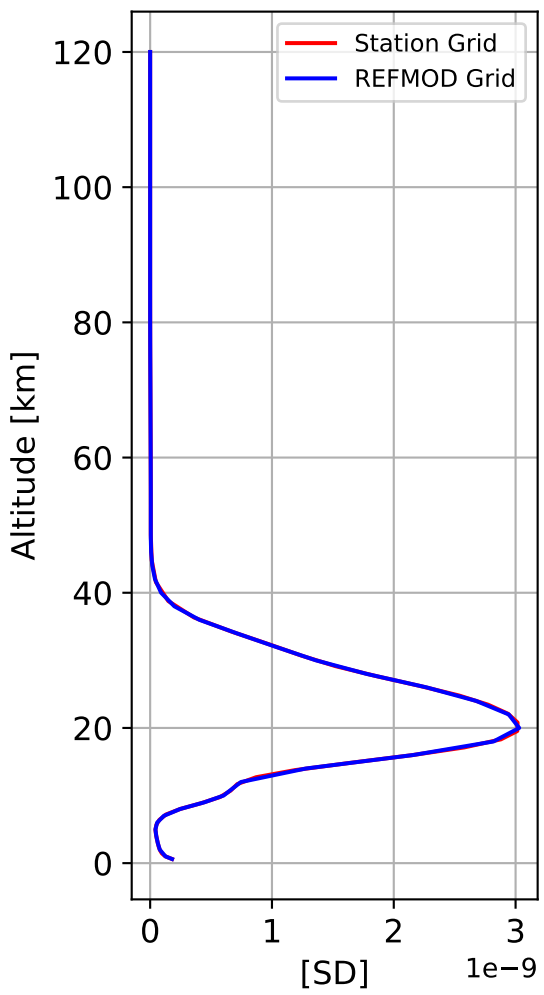
Monthly mean WACCM profile (interpolated to station grid) Eureka, 80.05N, 273.58E, 0.61kmasl



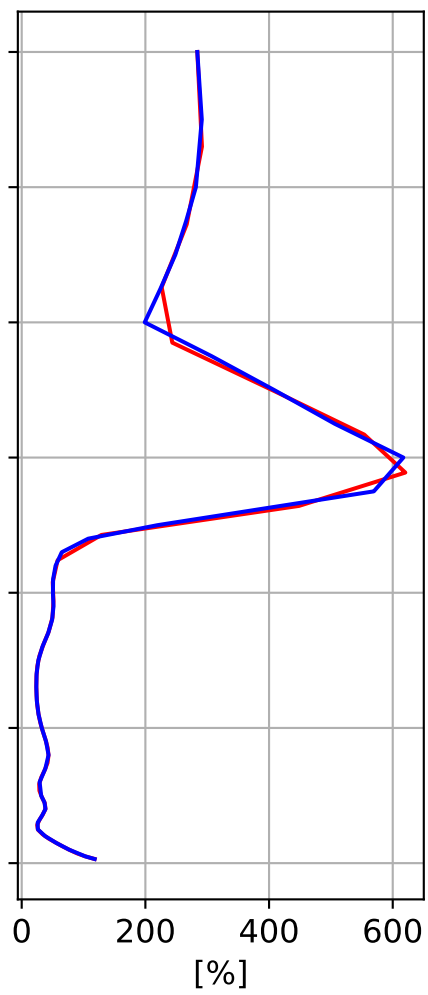
Min, Max, Mean of 732 profiles
Eureka, 80.05N, 273.58E, 0.61kmasl



Std. Deviation



Percent Deviation

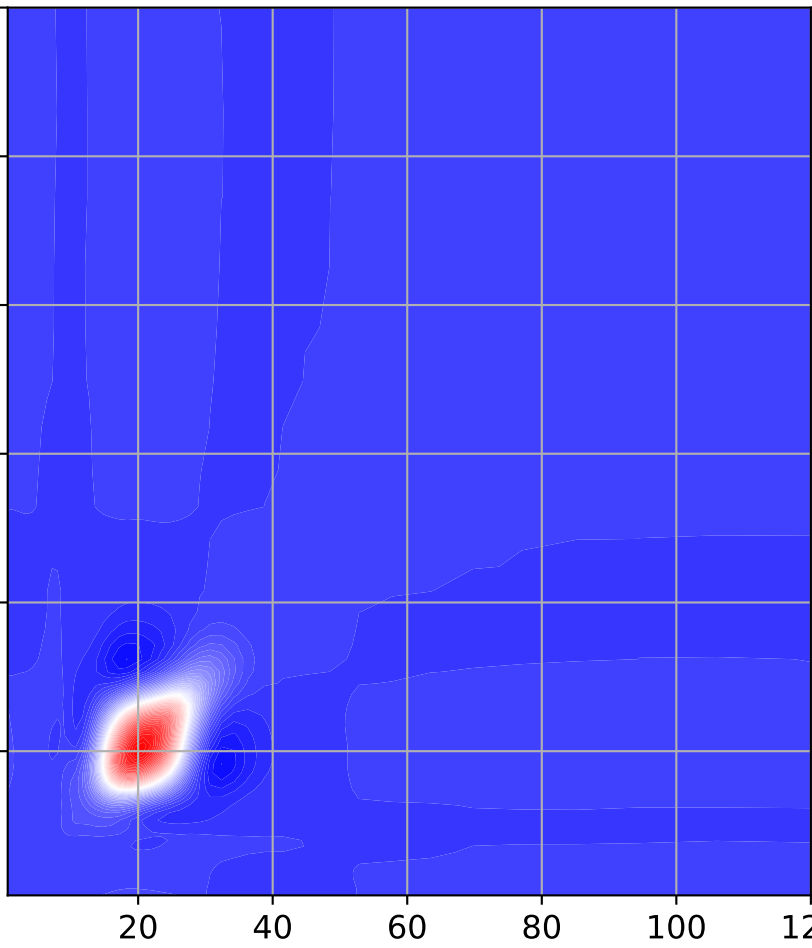


Level covariance matrix

1e-18

Altitude [km]

120
100
80
60
40
20



Mixing ratio[²]

8.4
7.2
6.0
4.8
3.6
2.4
1.2
0.0
-1.2

Altitude [km]