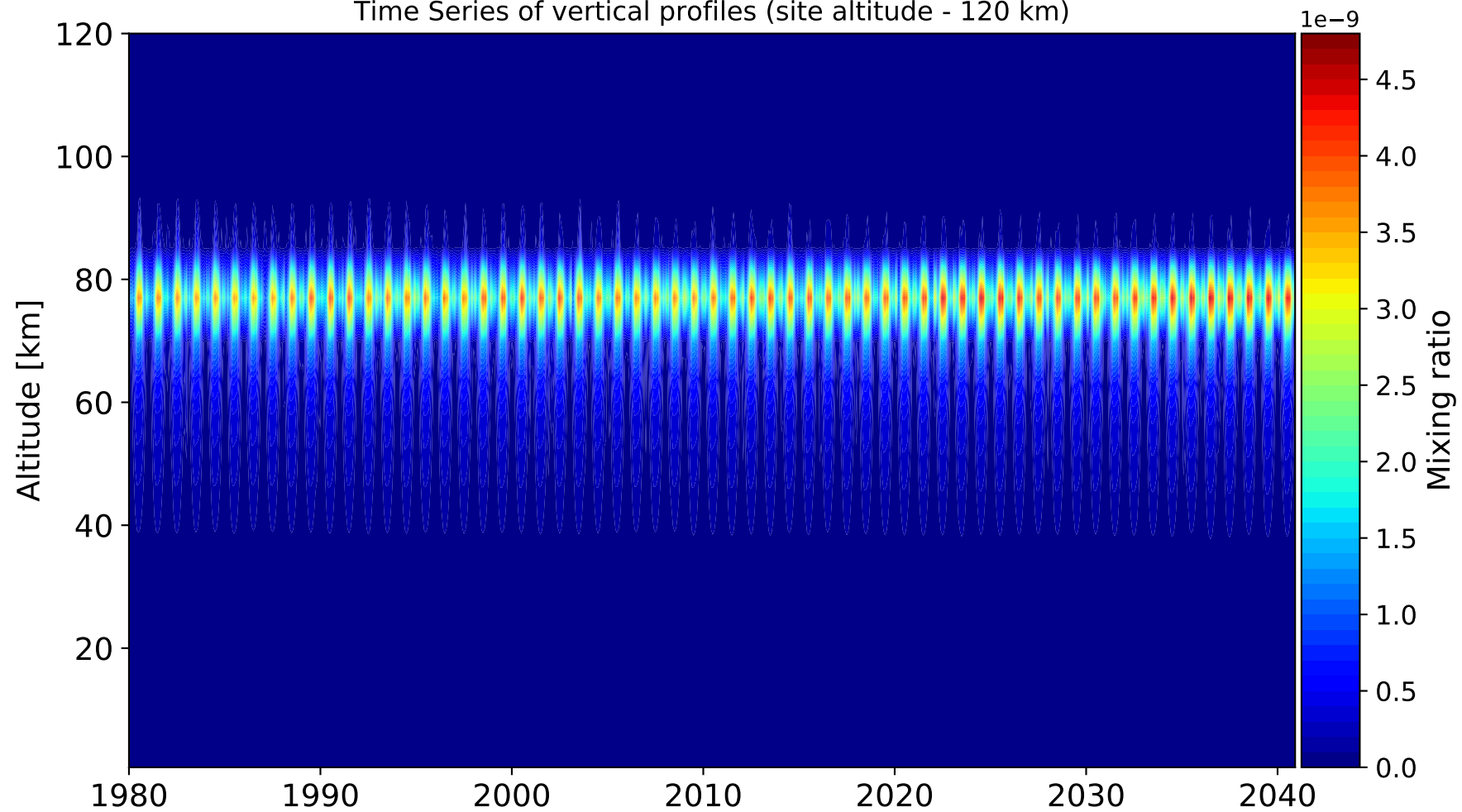
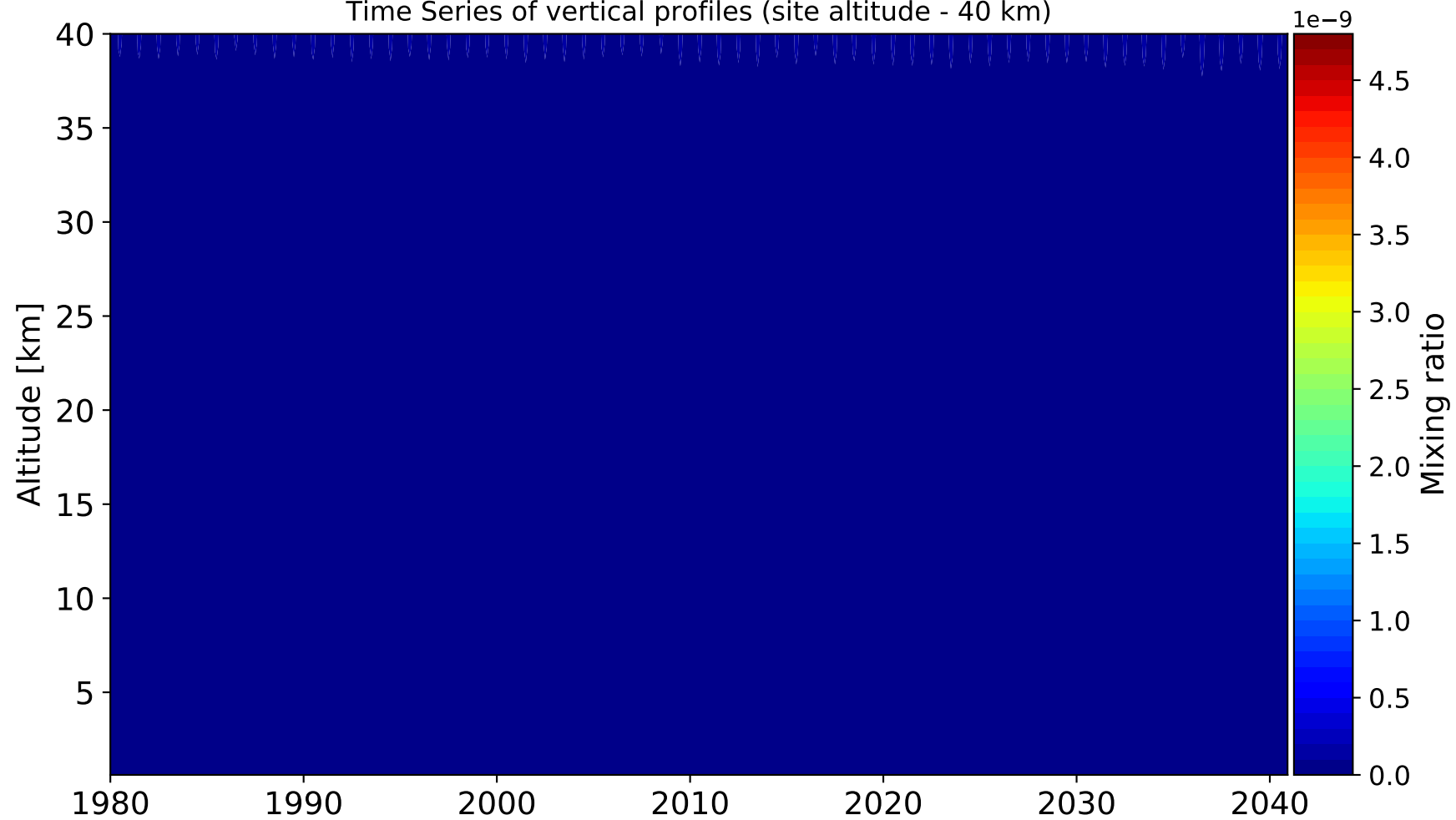


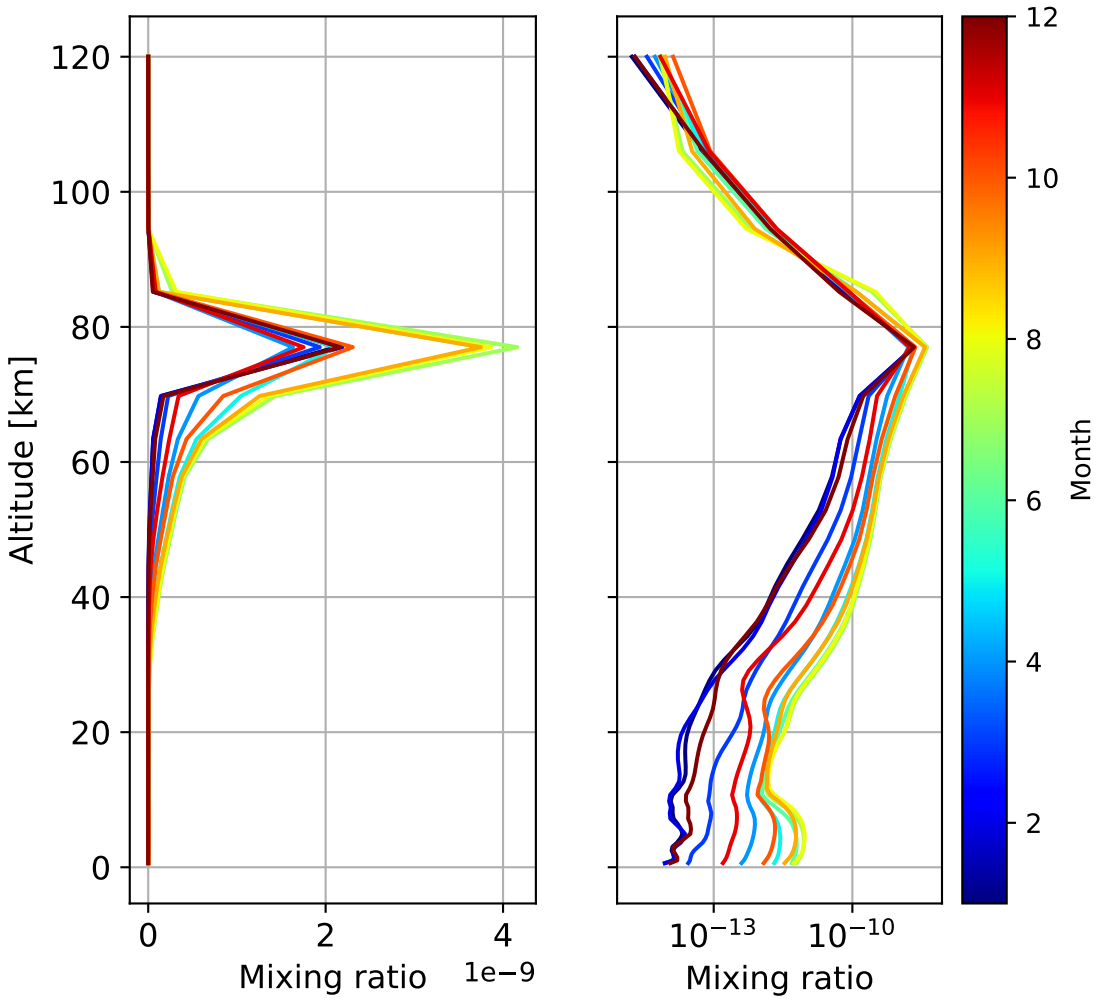
Time Series of vertical profiles (site altitude - 120 km)



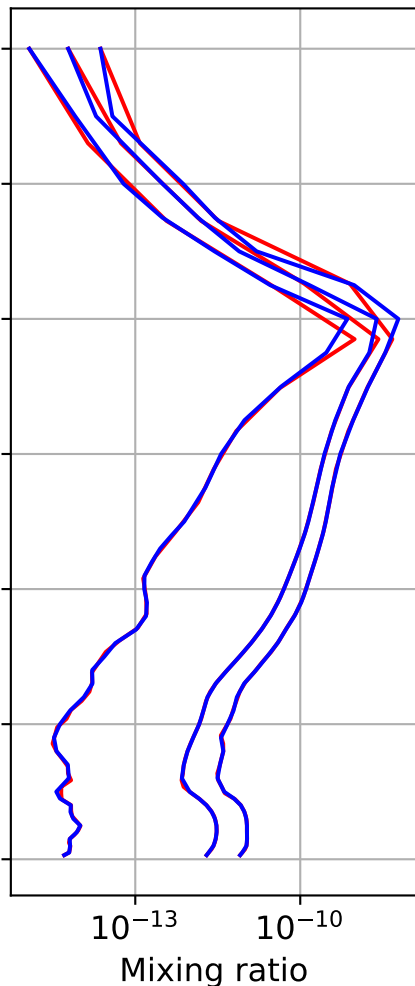
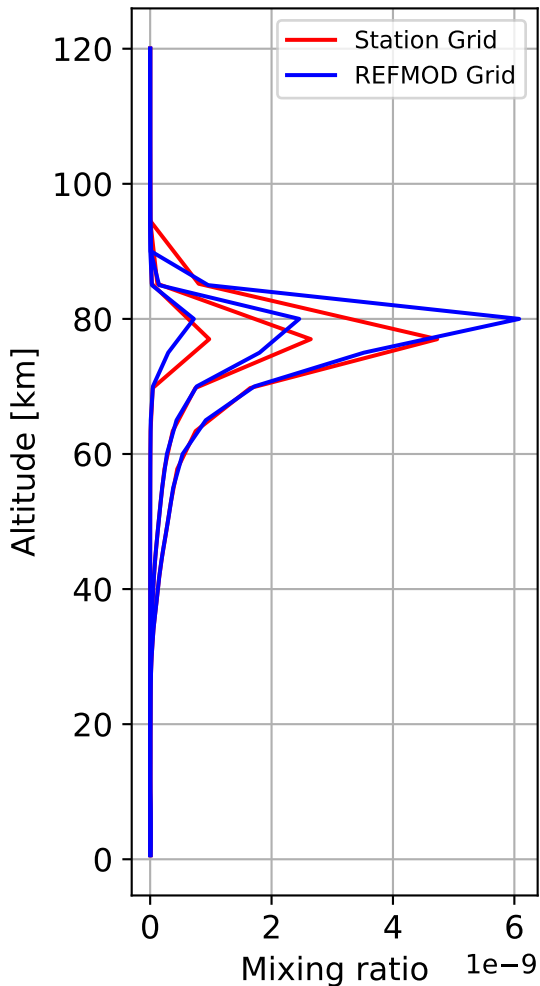
Time Series of vertical profiles (site altitude - 40 km)



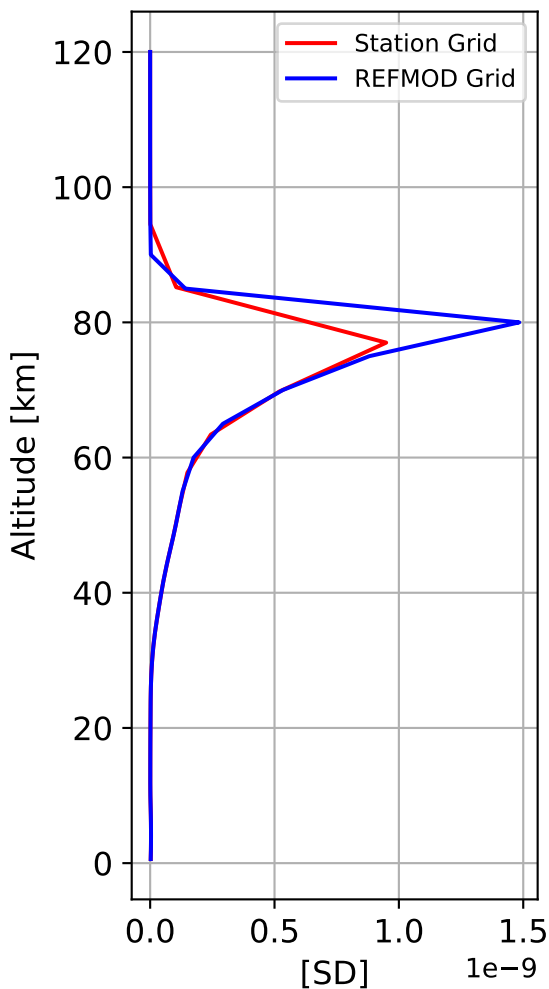
# Monthly mean WACCM profile (interpolated to station grid) Eureka, 80.05N, 273.58E, 0.61kmasl



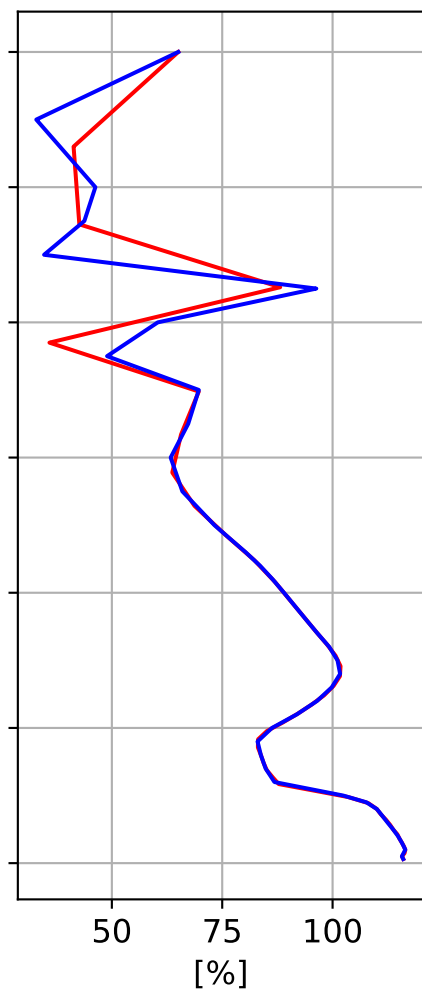
Min, Max, Mean of 732 profiles  
Eureka, 80.05N, 273.58E, 0.61kmasl



### Std. Deviation



### Percent Deviation

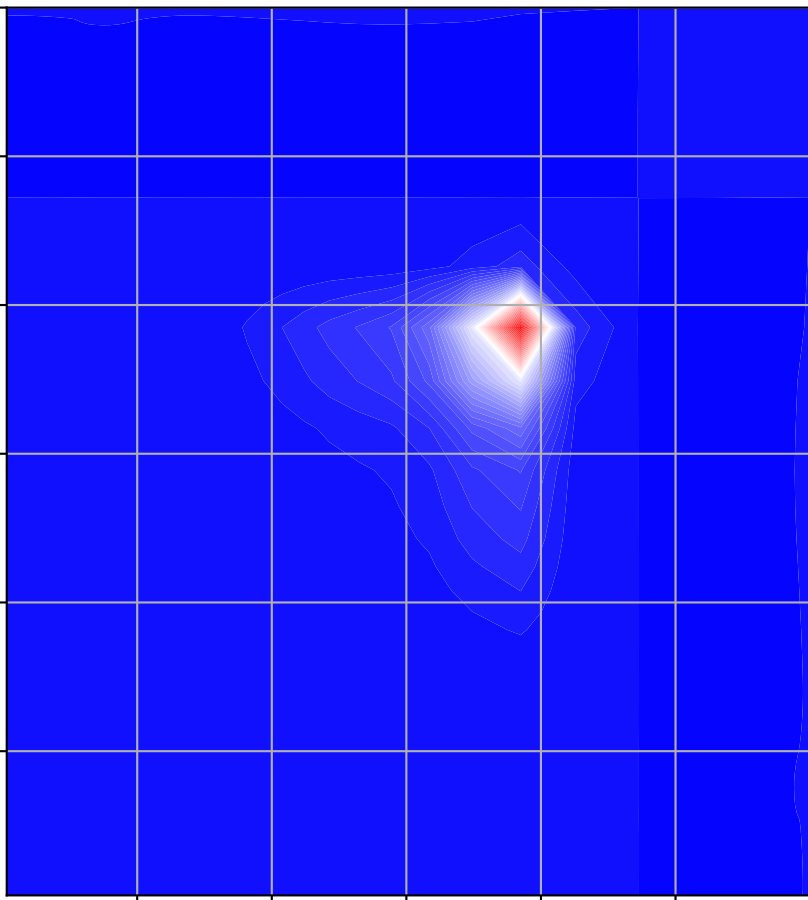


# Level covariance matrix

1e-19

Altitude [km]

120  
100  
80  
60  
40  
20



20 40 60 80 100 120

Altitude [km]

Mixing ratio[~2]