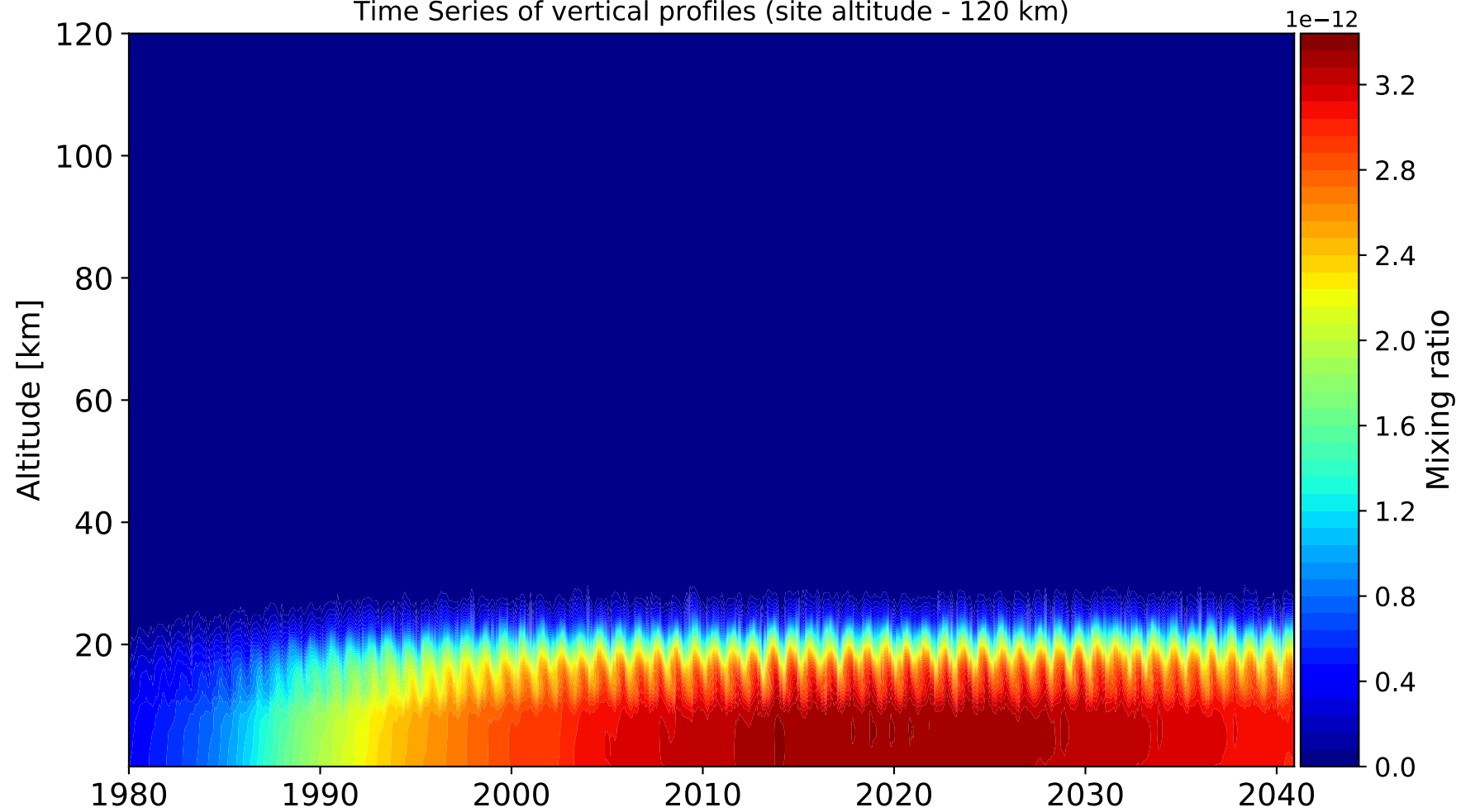
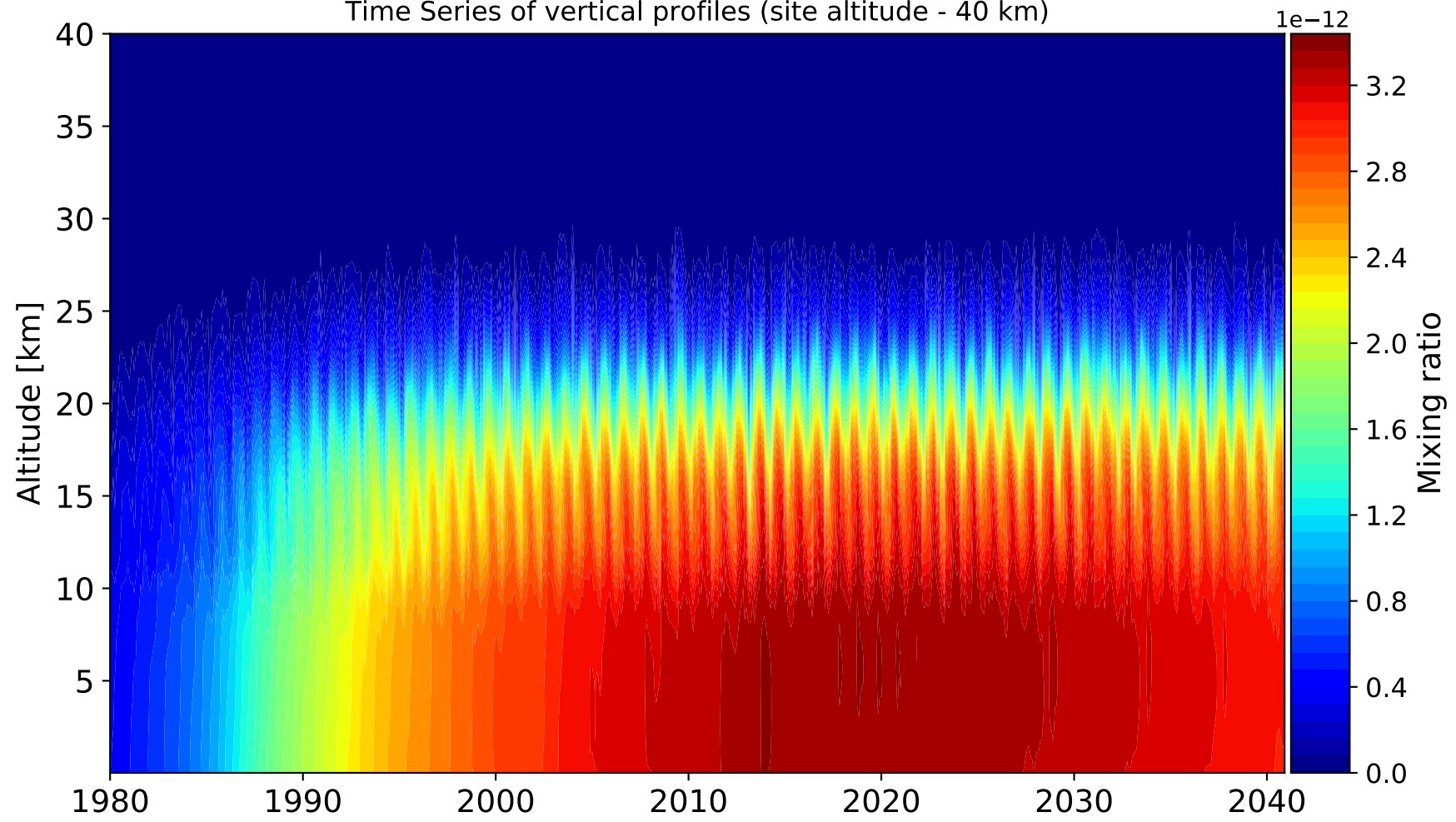


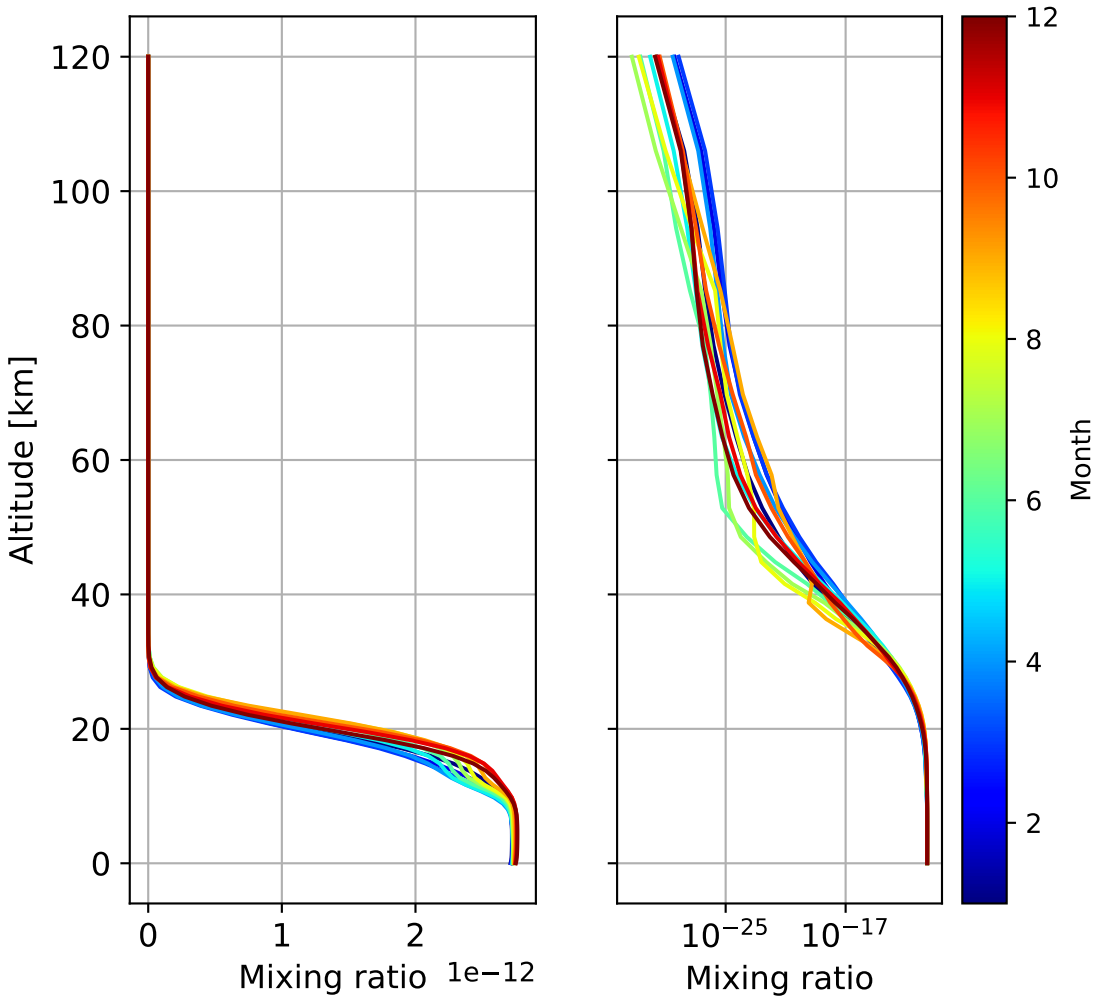
Time Series of vertical profiles (site altitude - 120 km)



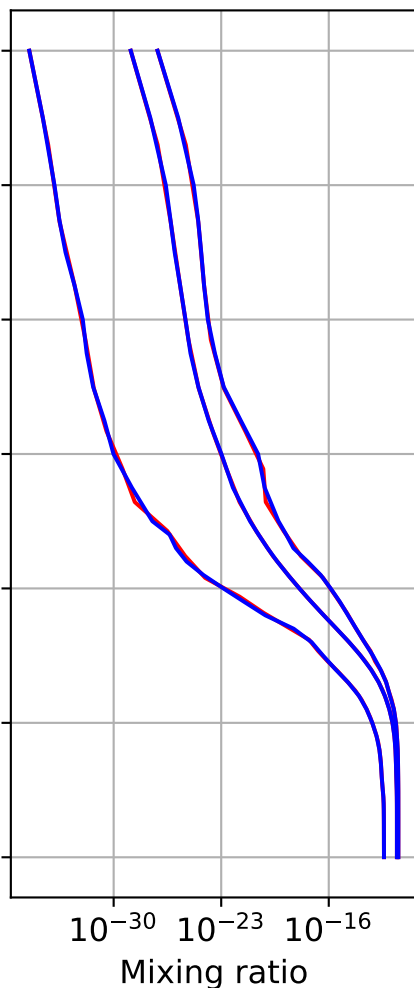
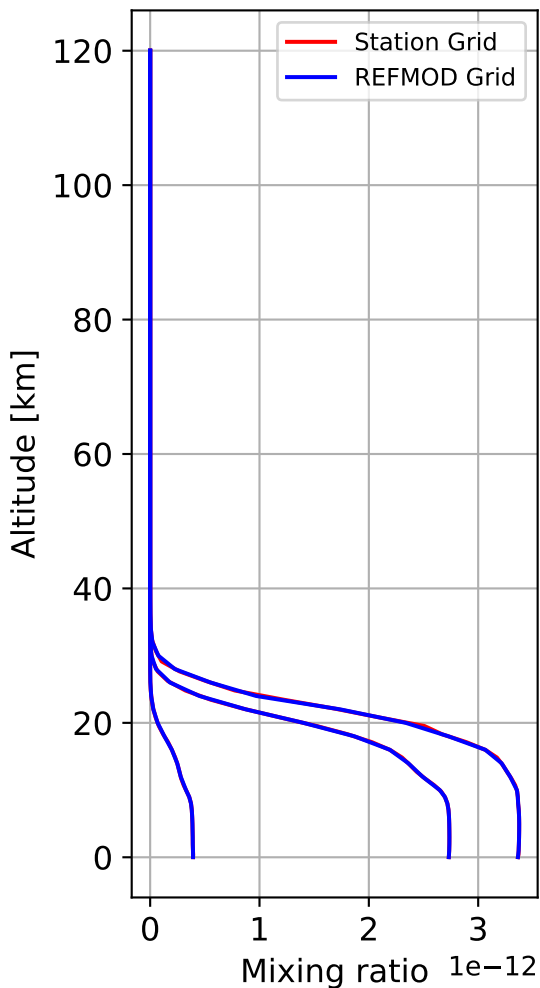
Time Series of vertical profiles (site altitude - 40 km)



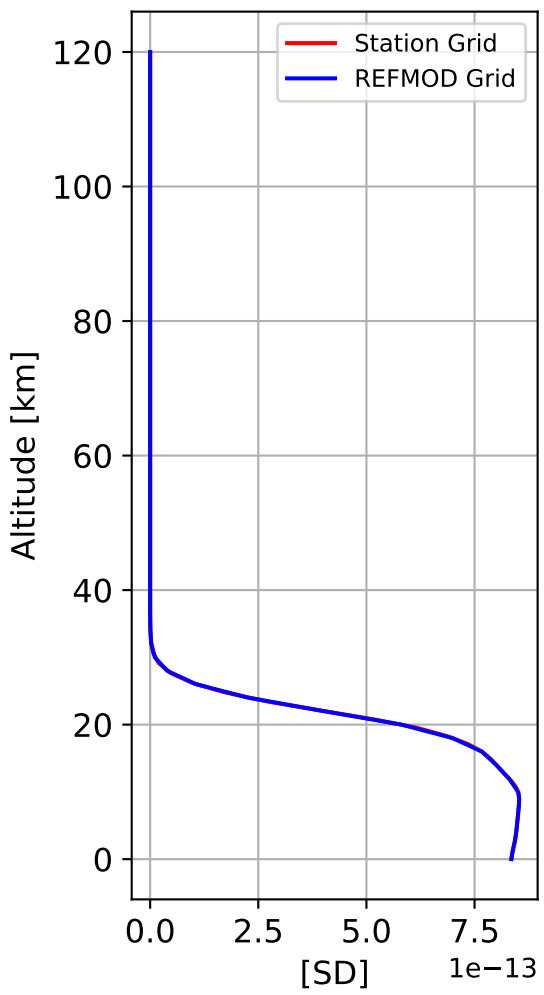
# Monthly mean WACCM profile (interpolated to station grid) St\_Petersburg, 59.88N, 29.83E, 0.02kmasl



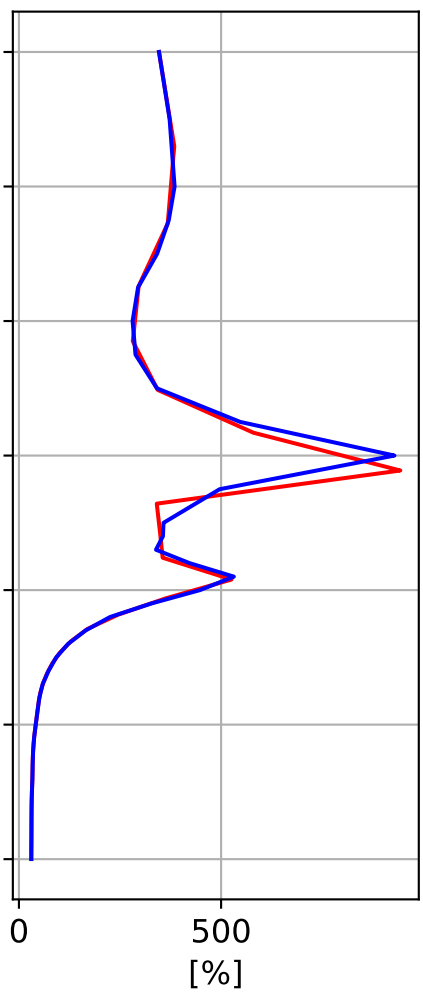
Min, Max, Mean of 732 profiles  
St\_Petersburg, 59.88N, 29.83E, 0.02kmasl



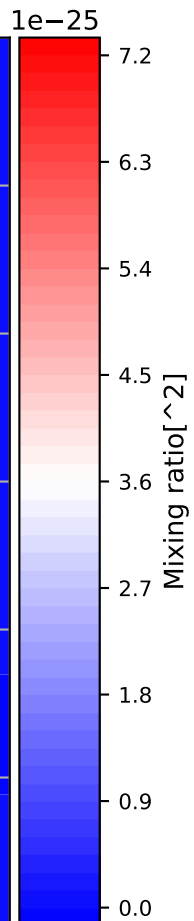
### Std. Deviation



### Percent Deviation



Level covariance matrix



Altitude [km]

120

100

80

60

40

20

20

Altitude [km]

40

60

80

100

120