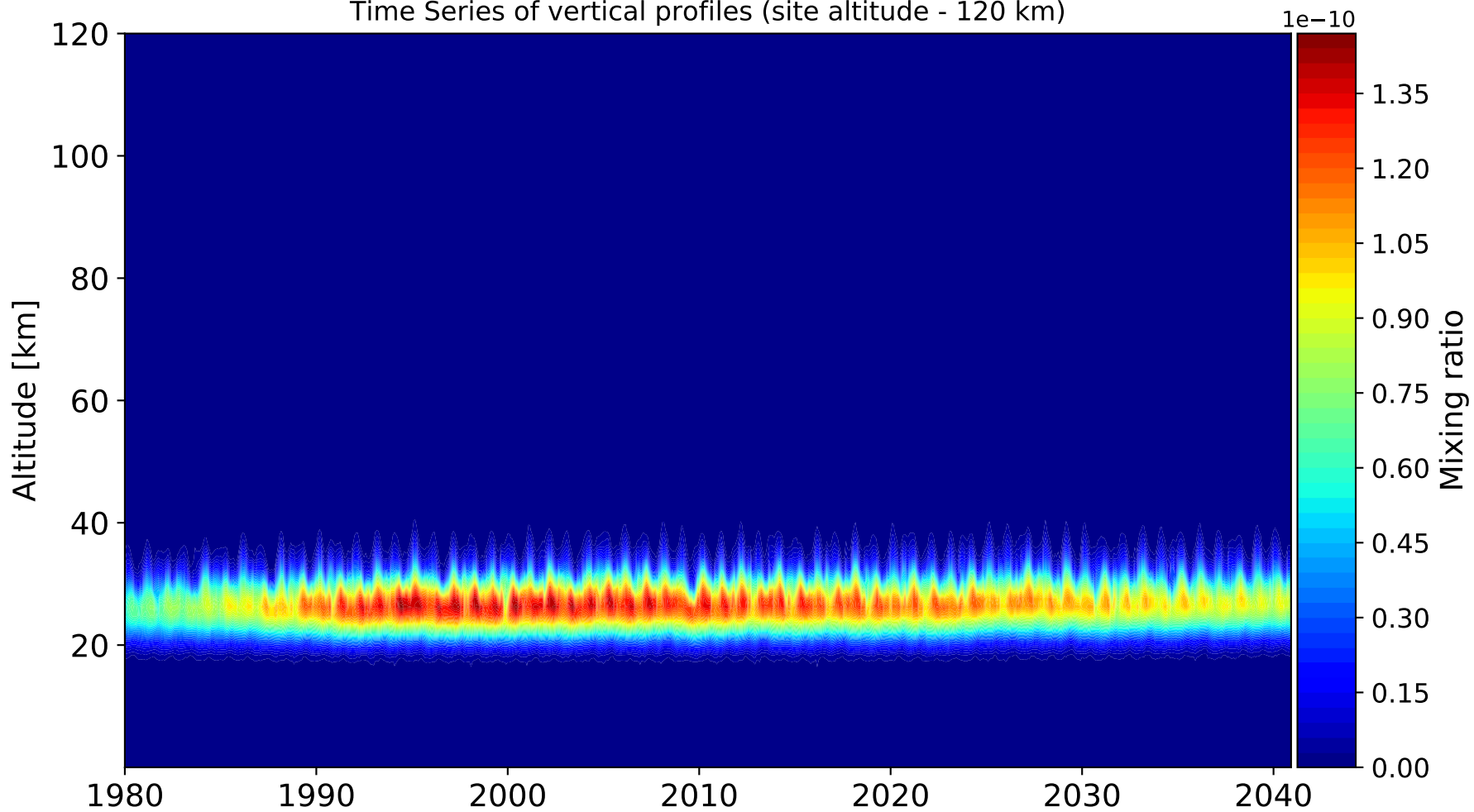
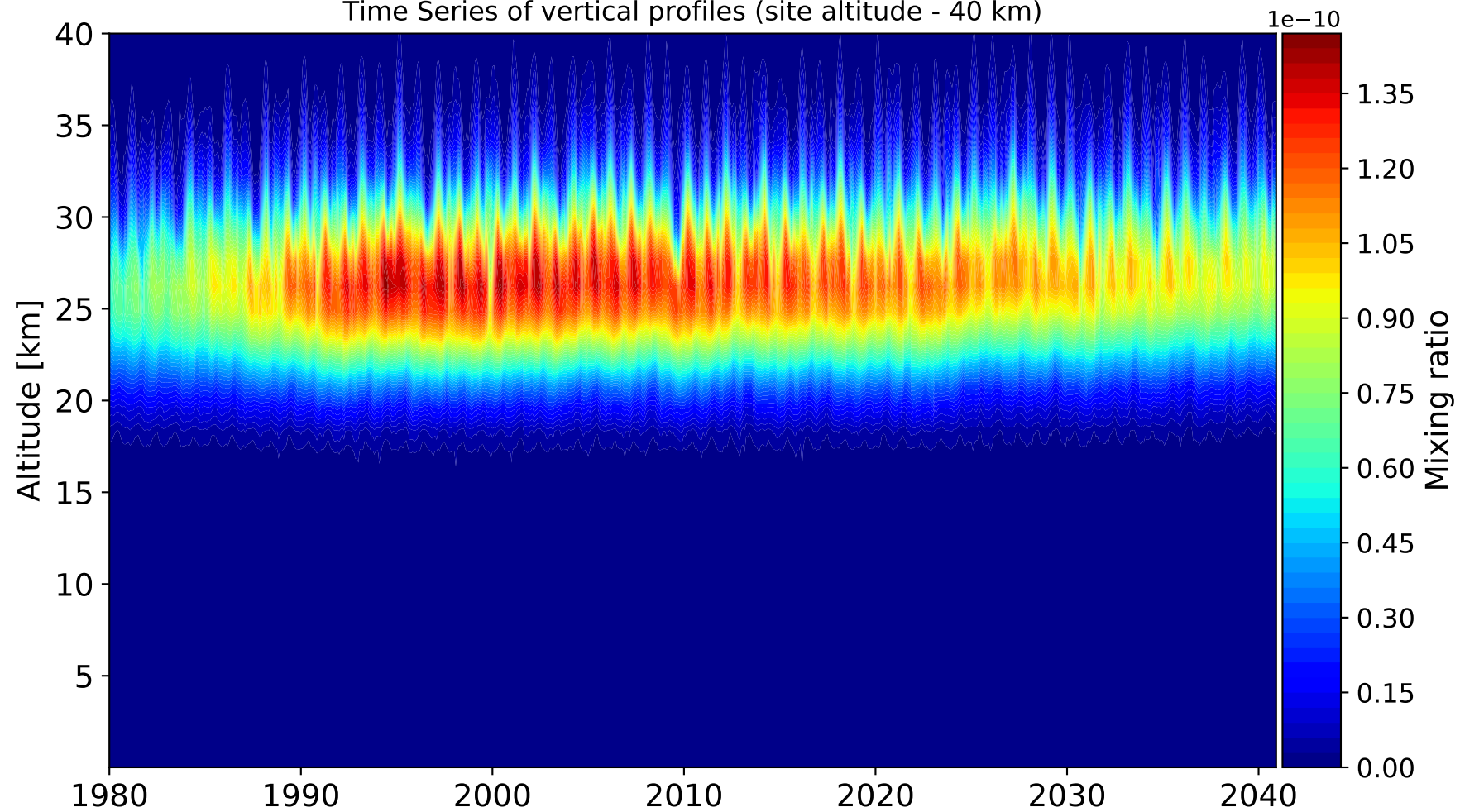


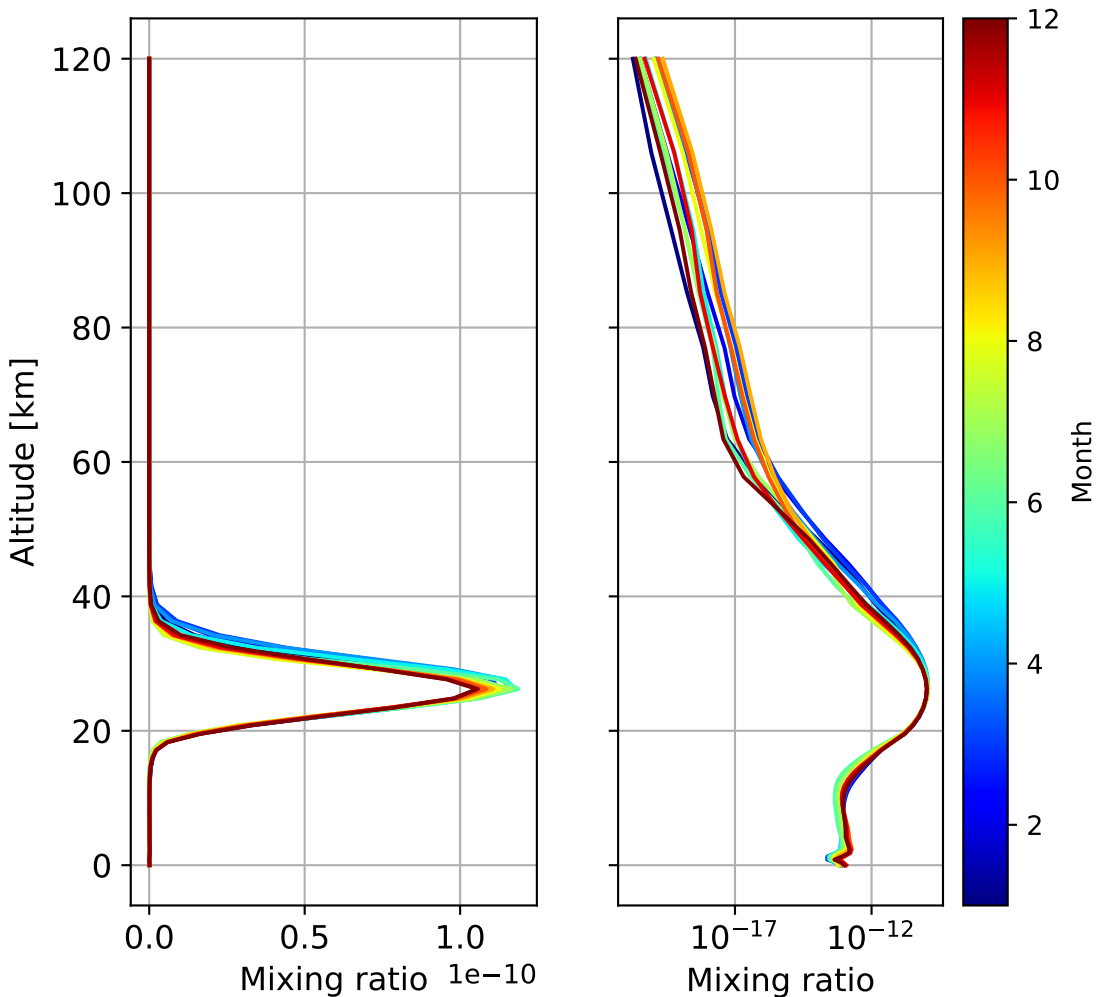
Time Series of vertical profiles (site altitude - 120 km)



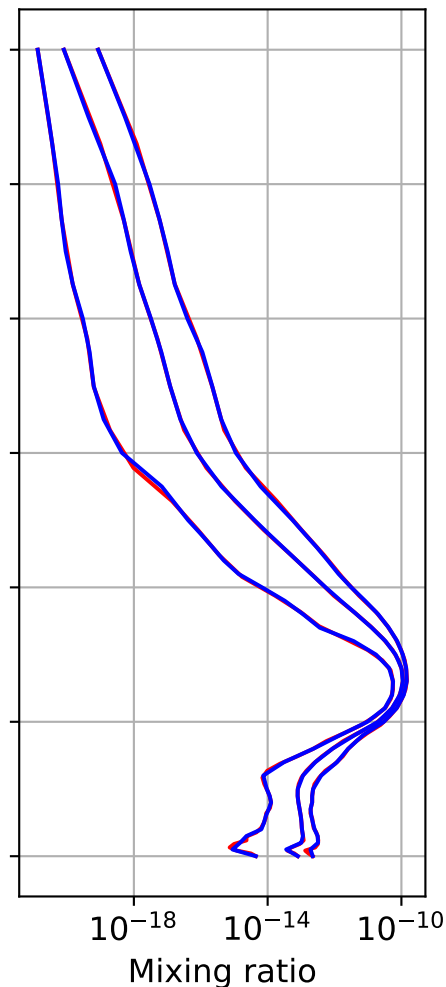
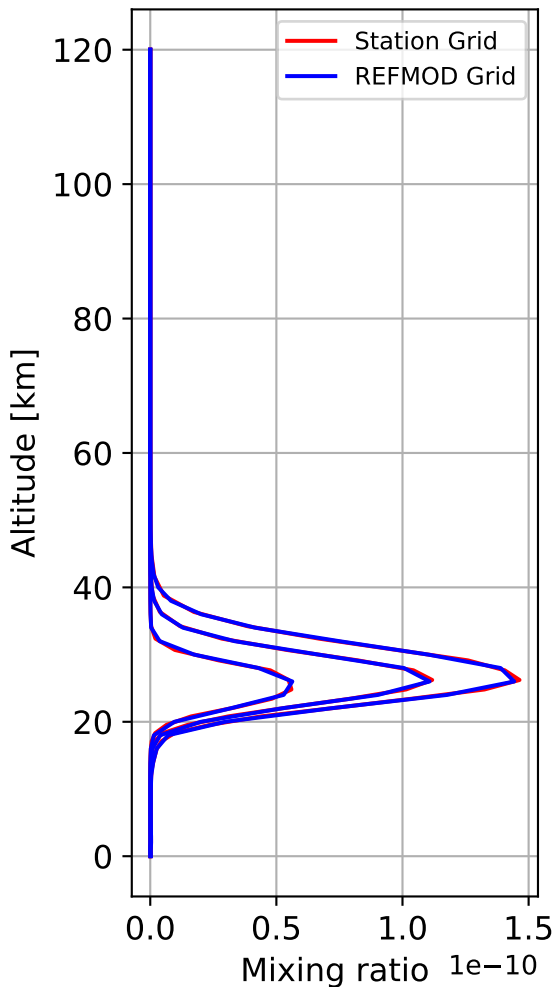
Time Series of vertical profiles (site altitude - 40 km)



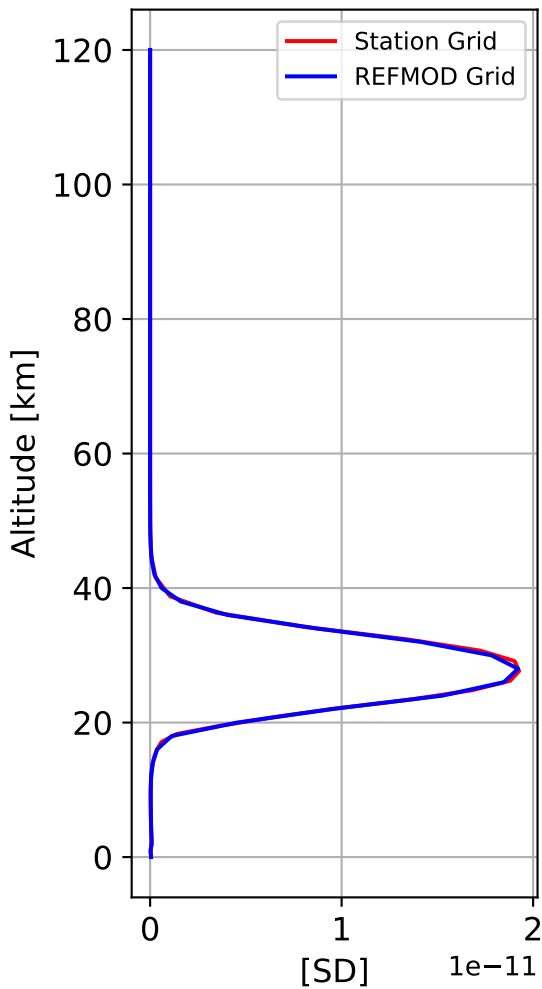
Monthly mean WACCM profile (interpolated to station grid) Ascension, -7.9165N, 345.6675E, 0.01kmasl



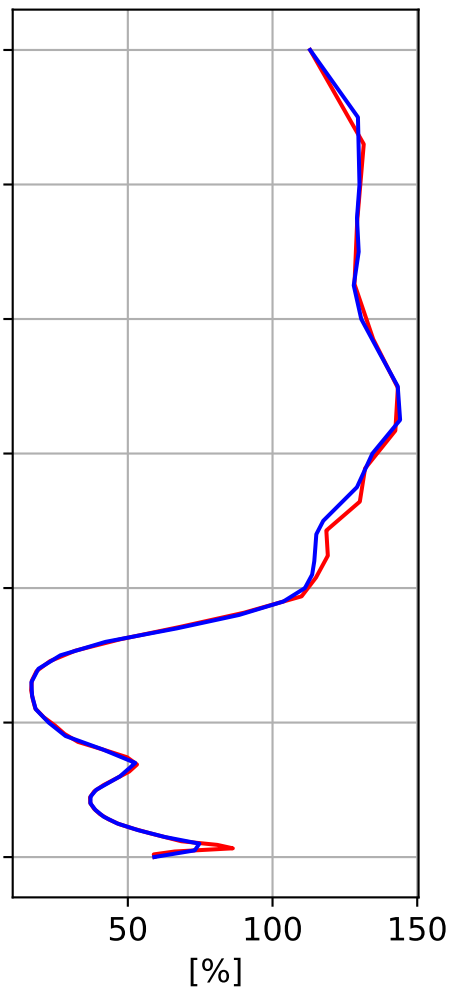
Min, Max, Mean of 732 profiles
Ascension, -7.9165N, 345.6675E, 0.01kmasl



Std. Deviation



Percent Deviation

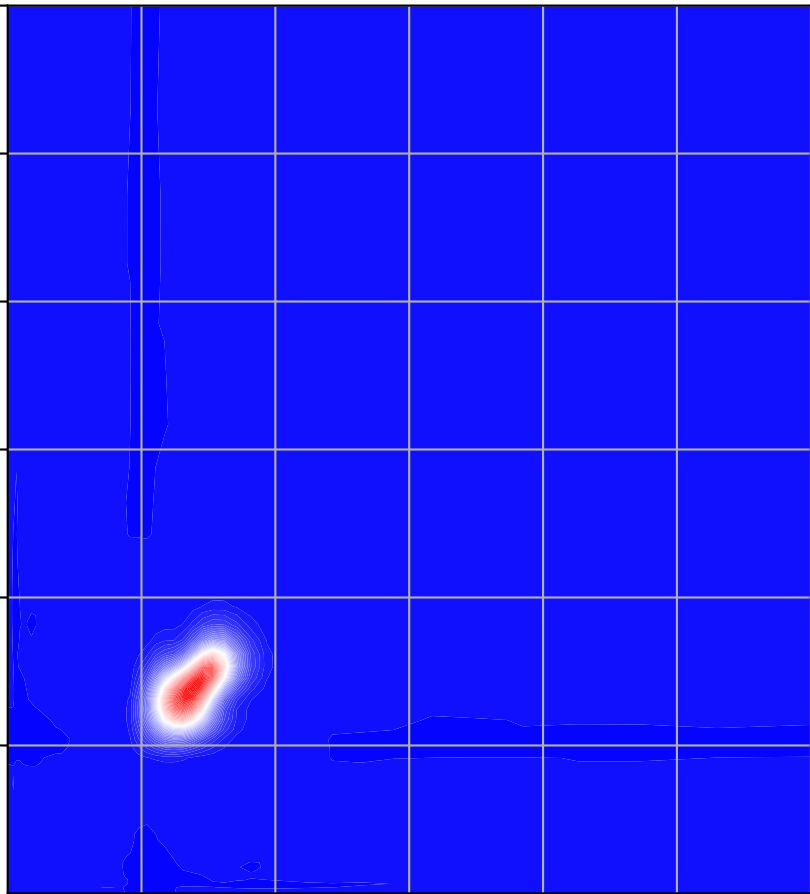


Level covariance matrix

1e-22

Altitude [km]

120
100
80
60
40
20



Mixing ratio[²]

3.6
3.2
2.8
2.4
2.0
1.6
1.2
0.8
0.4
0.0

Altitude [km]