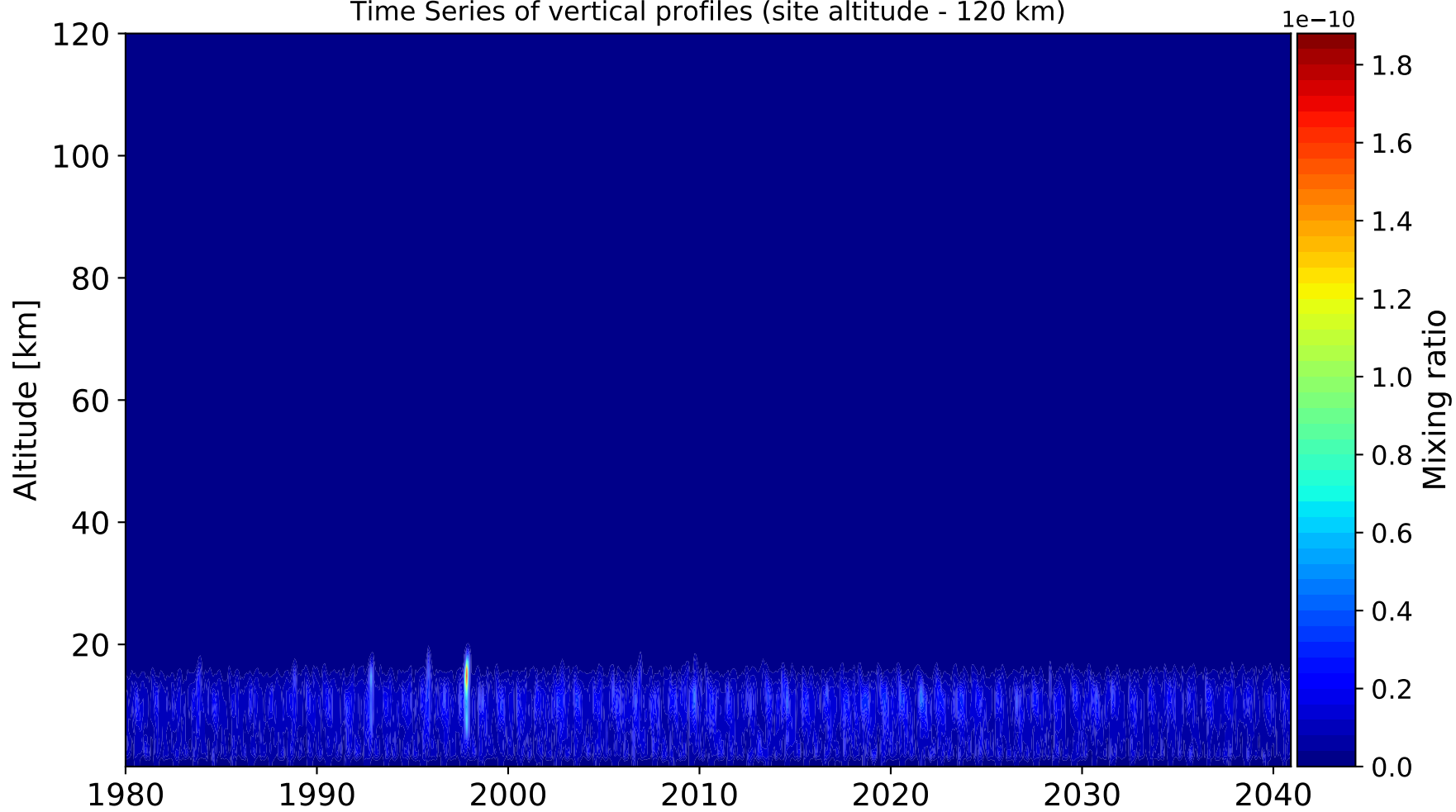
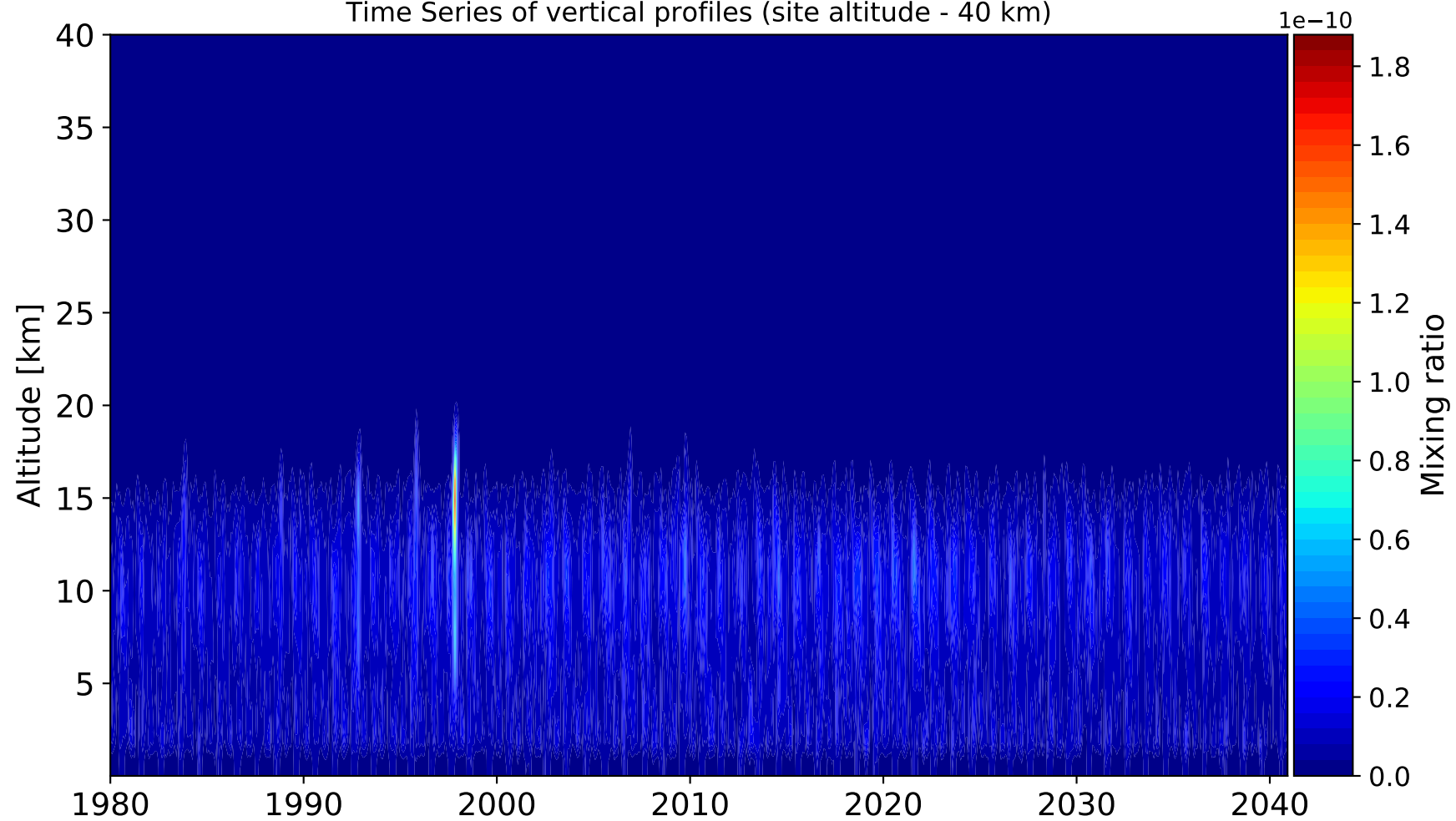


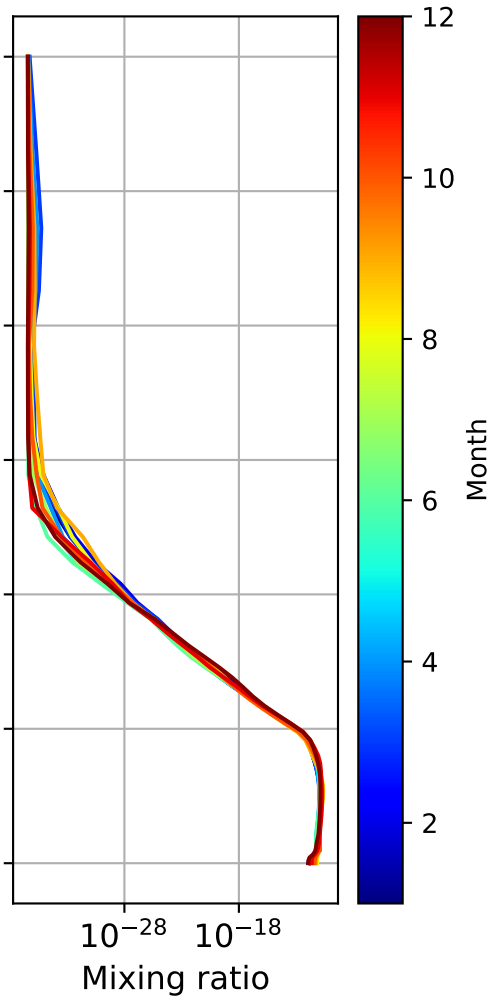
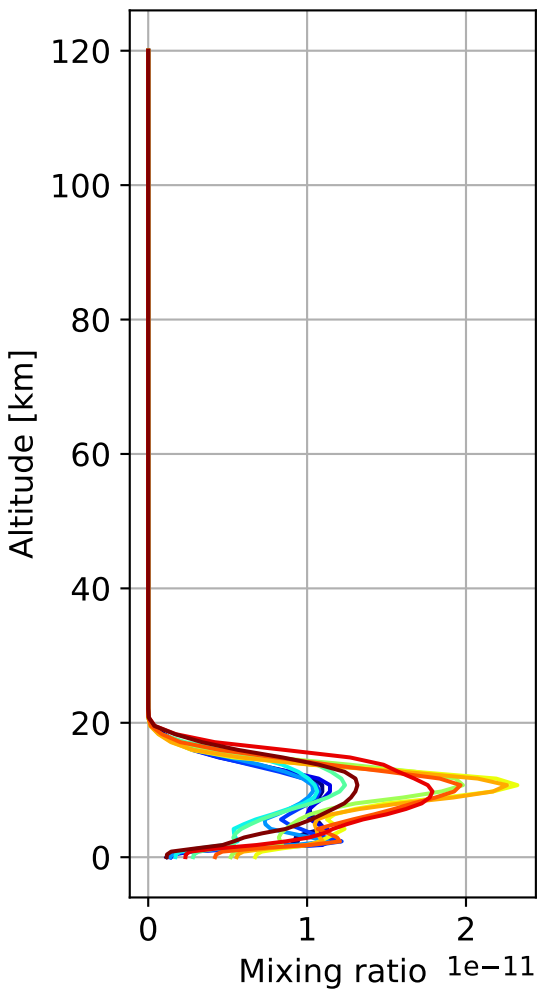
Time Series of vertical profiles (site altitude - 120 km)



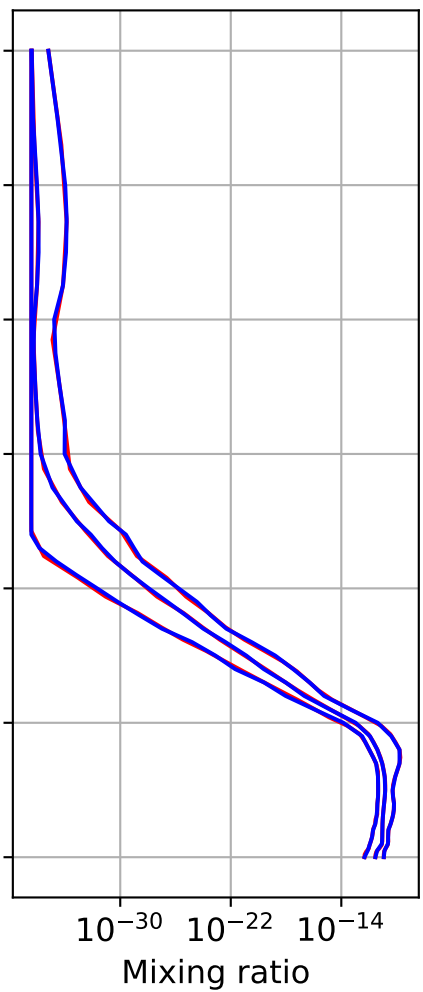
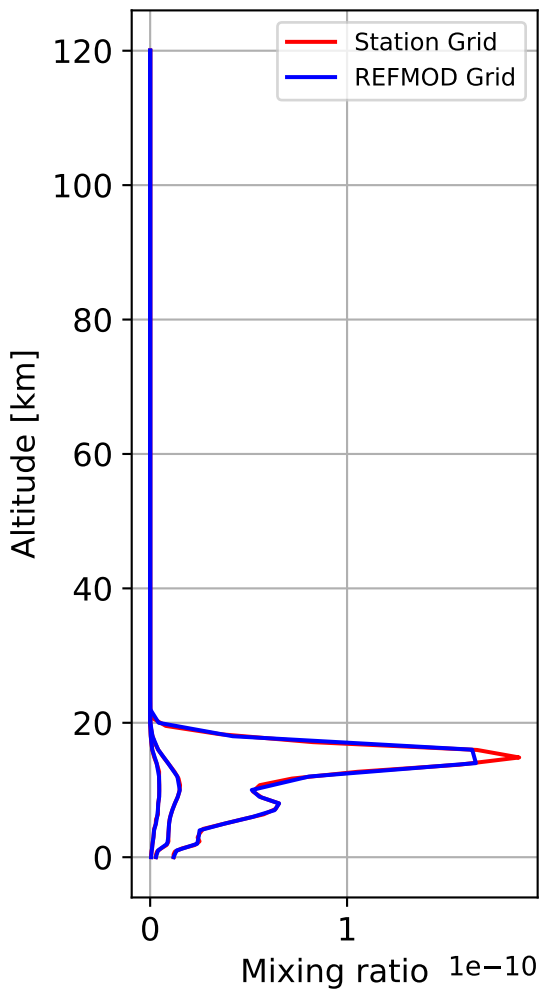
Time Series of vertical profiles (site altitude - 40 km)



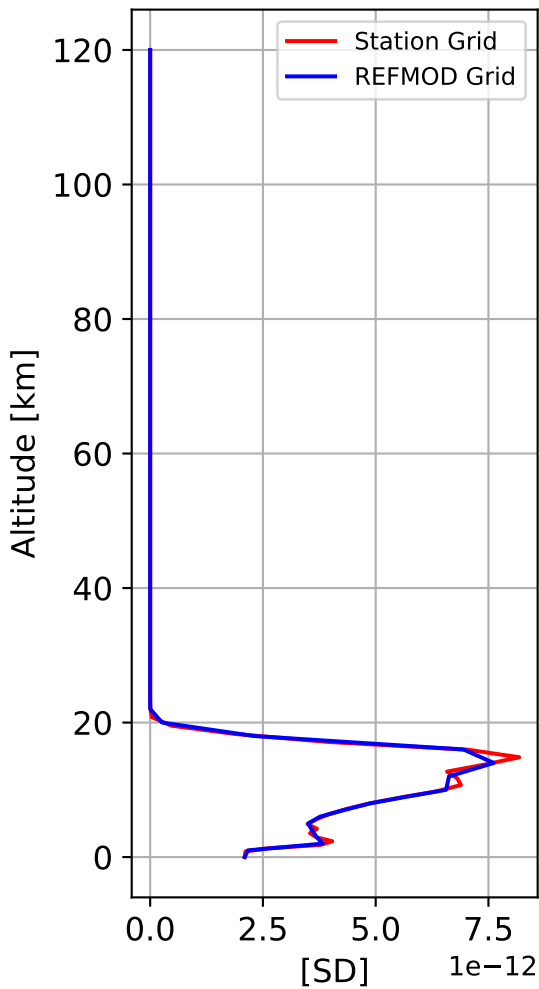
Monthly mean WACCM profile (interpolated to station grid)
Ascension, -7.9165N, 345.6675E, 0.01kmasl



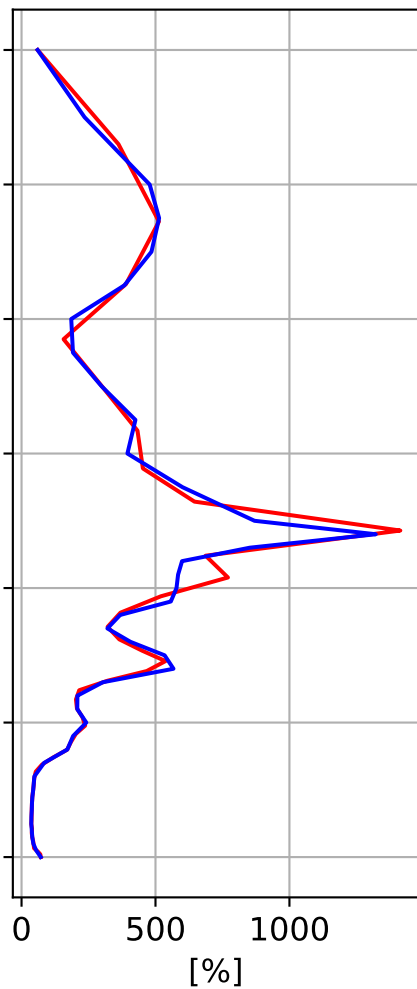
Min, Max, Mean of 732 profiles
Ascension, -7.9165N, 345.6675E, 0.01kmasl



Std. Deviation



Percent Deviation

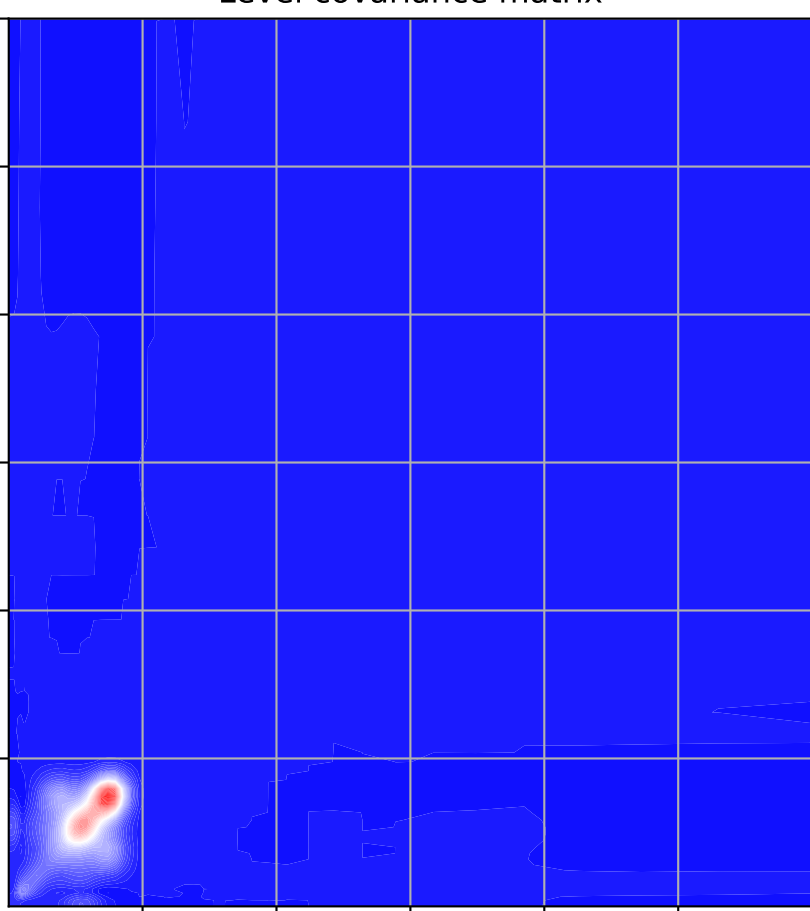


Level covariance matrix

$1e-23$

Altitude [km]

120
100
80
60
40
20



Altitude [km]

Mixing ratio[$\wedge 2$]

6.75
6.00
5.25
4.50
3.75
3.00
2.25
1.50
0.75
0.00