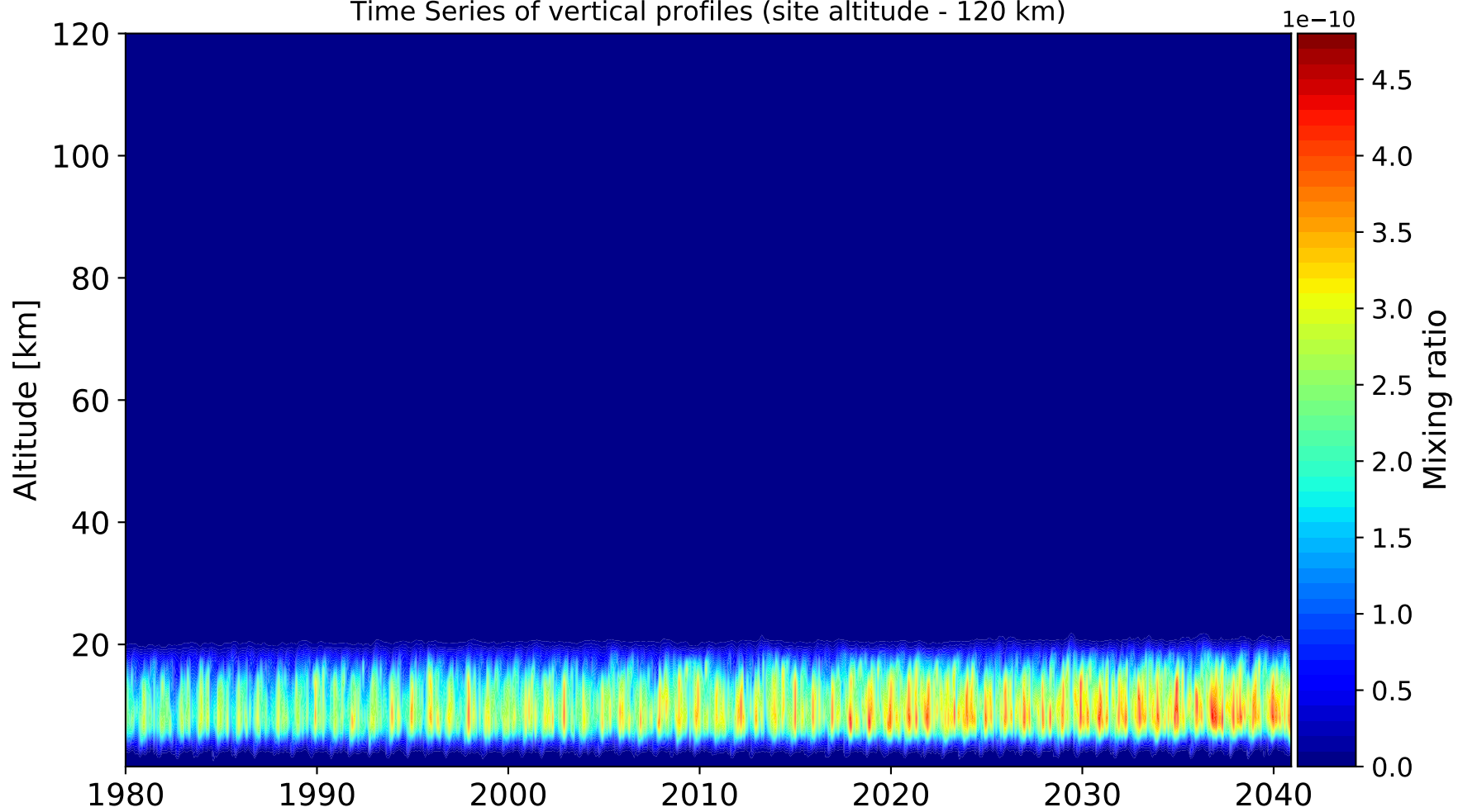
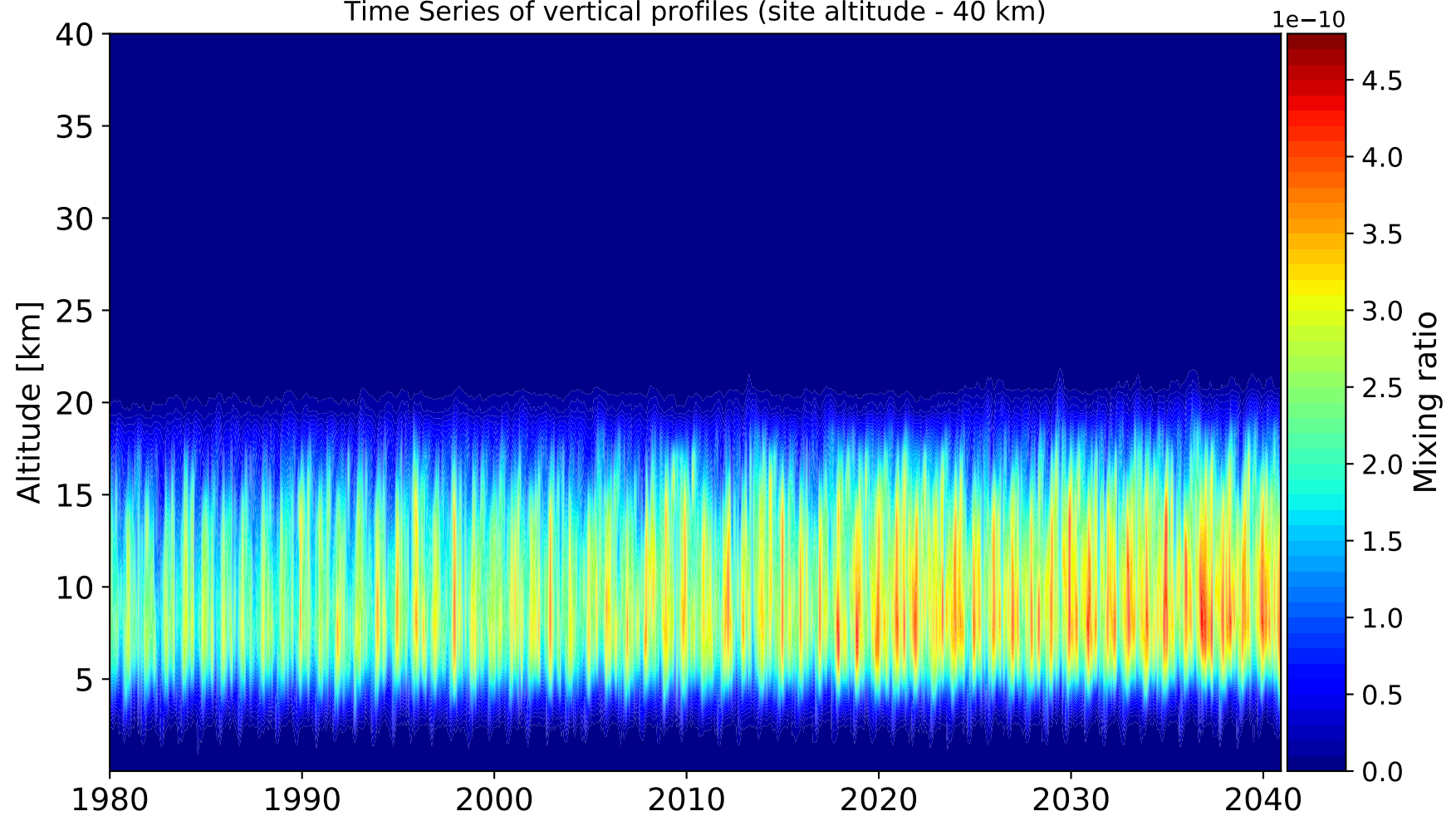


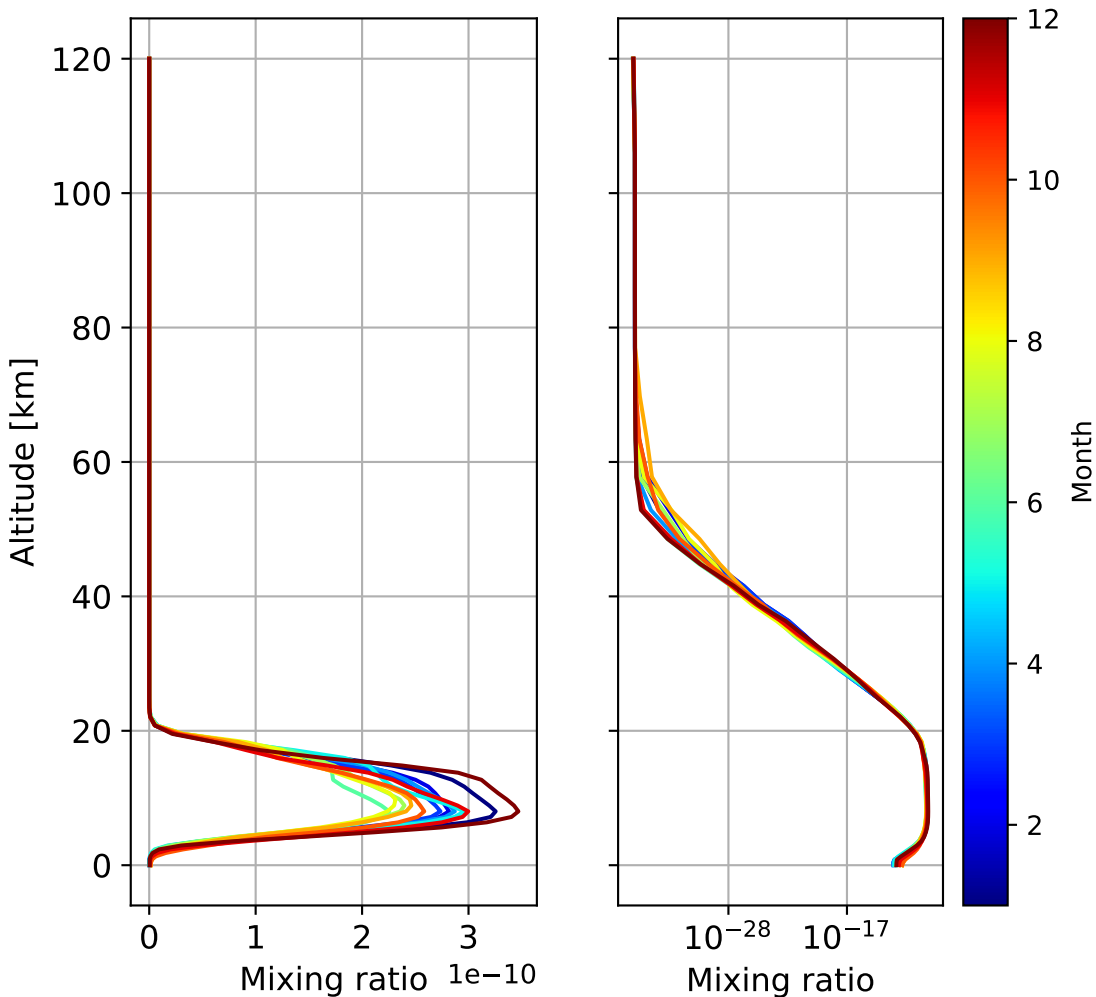
Time Series of vertical profiles (site altitude - 120 km)



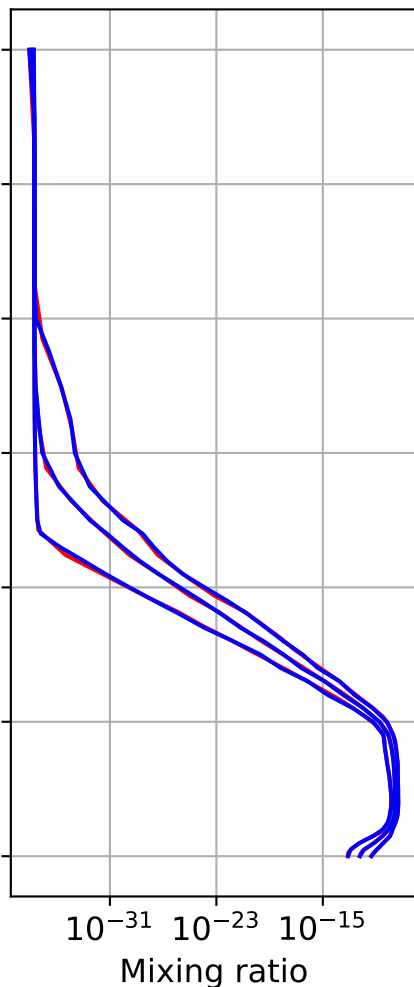
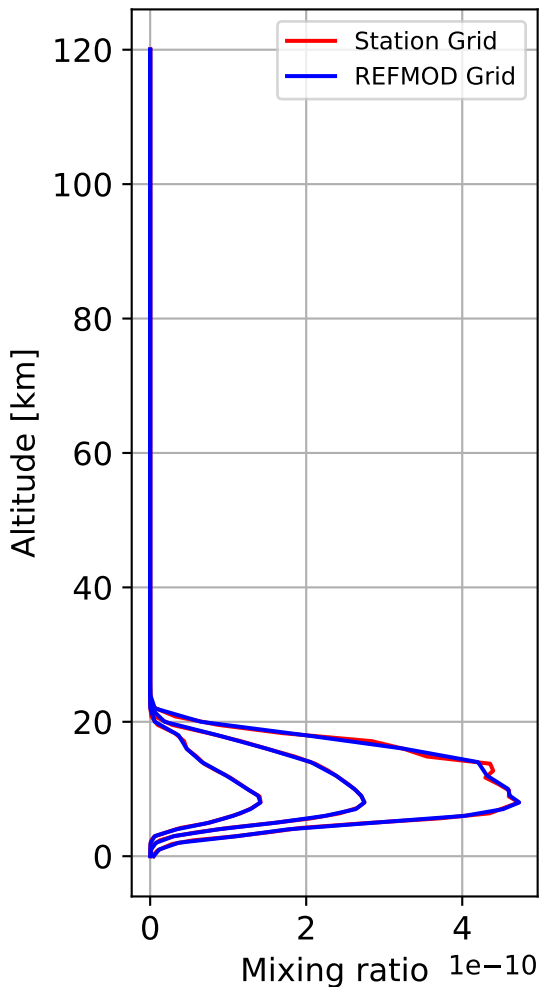
Time Series of vertical profiles (site altitude - 40 km)



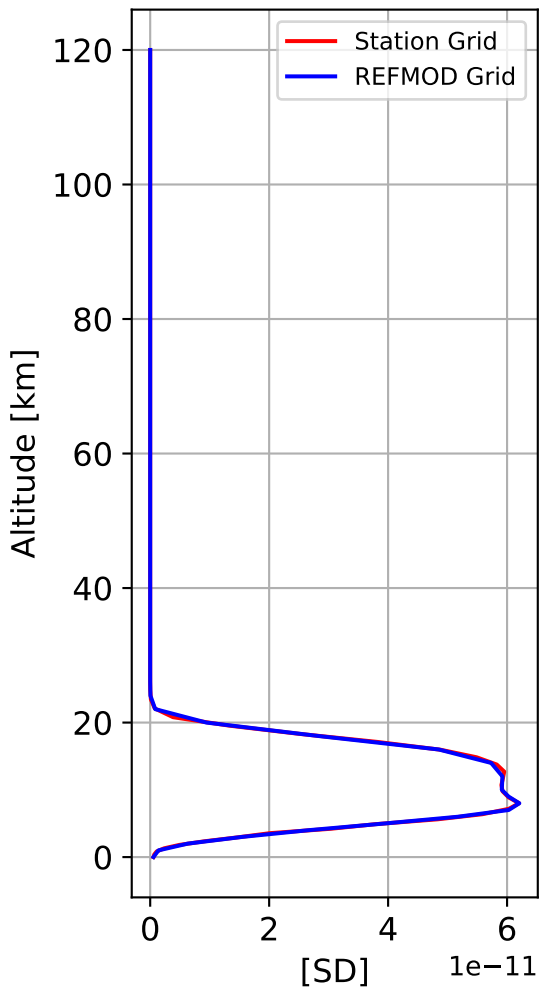
Monthly mean WACCM profile (interpolated to station grid)
Ascension, -7.9165N, 345.6675E, 0.01kmasl



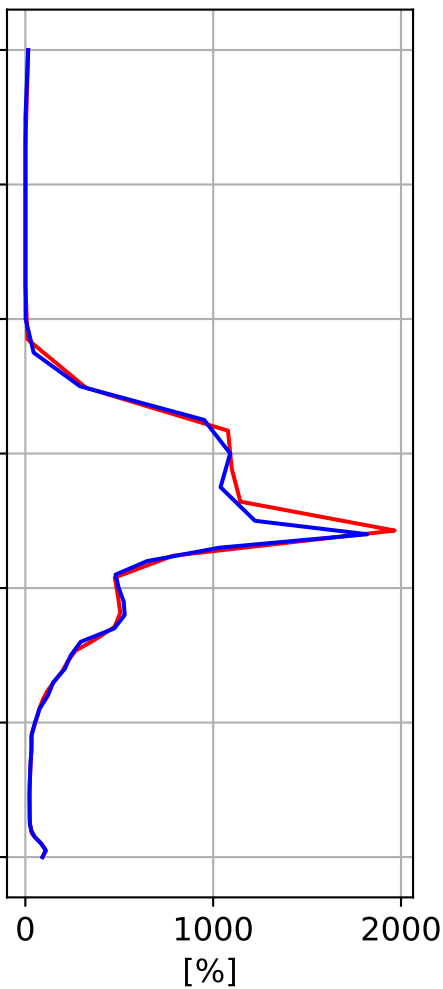
Min, Max, Mean of 732 profiles
Ascension, -7.9165N, 345.6675E, 0.01kmasl



Std. Deviation



Percent Deviation

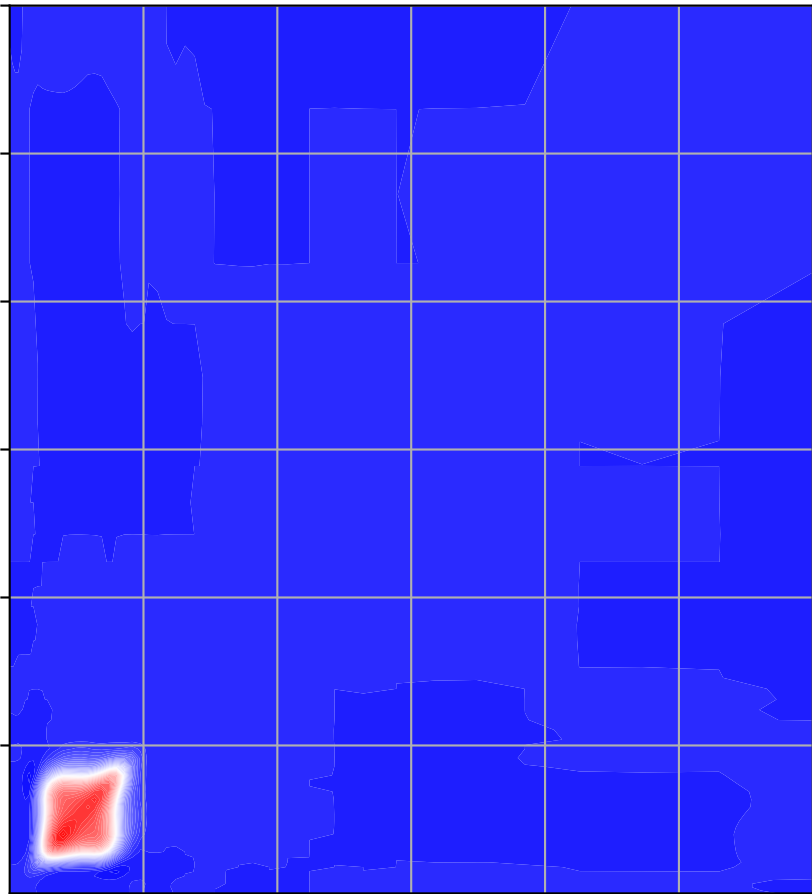


Level covariance matrix

1e-21

Altitude [km]

120
100
80
60
40
20



Mixing ratio²

3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0

Altitude [km]