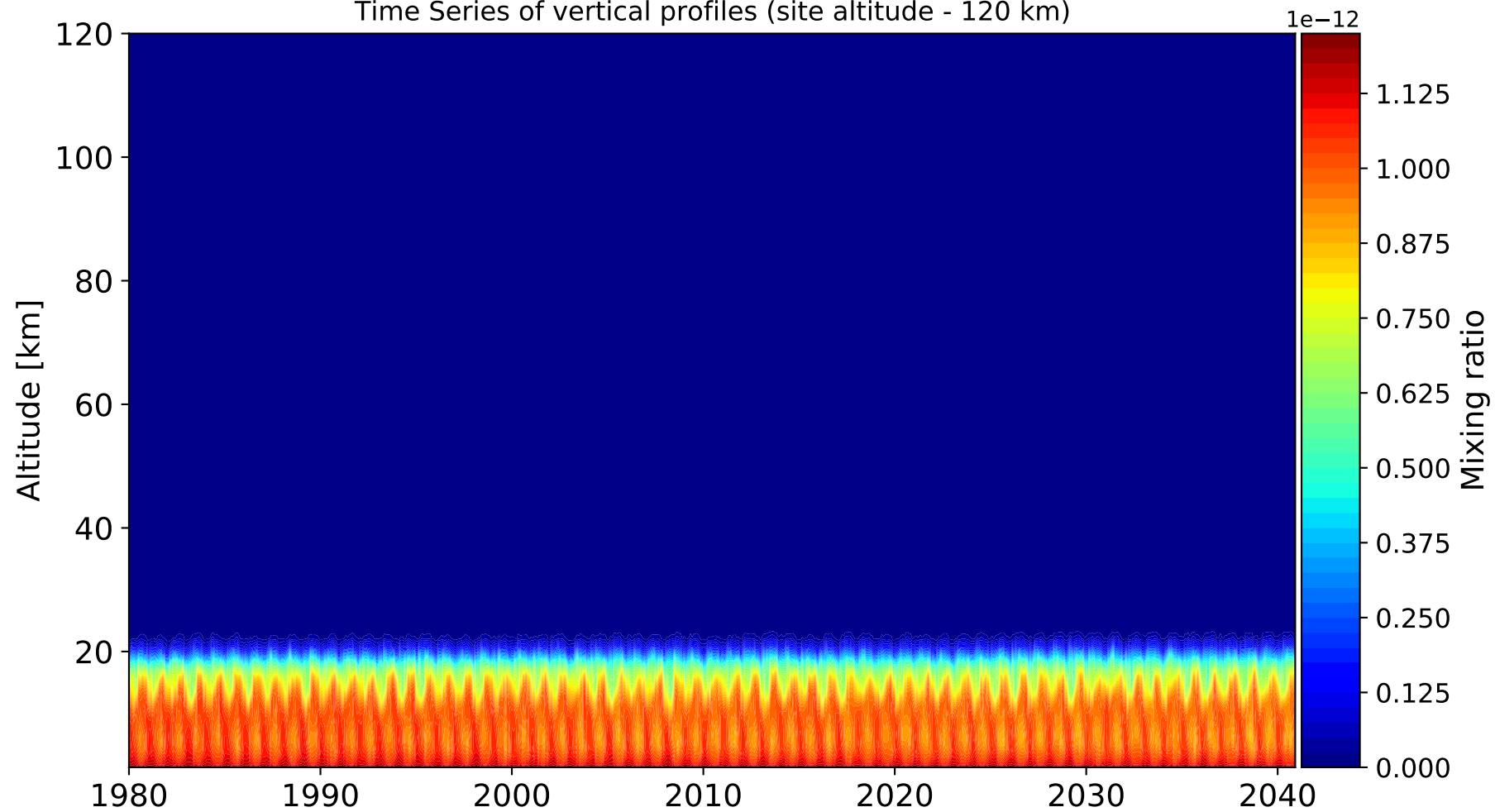
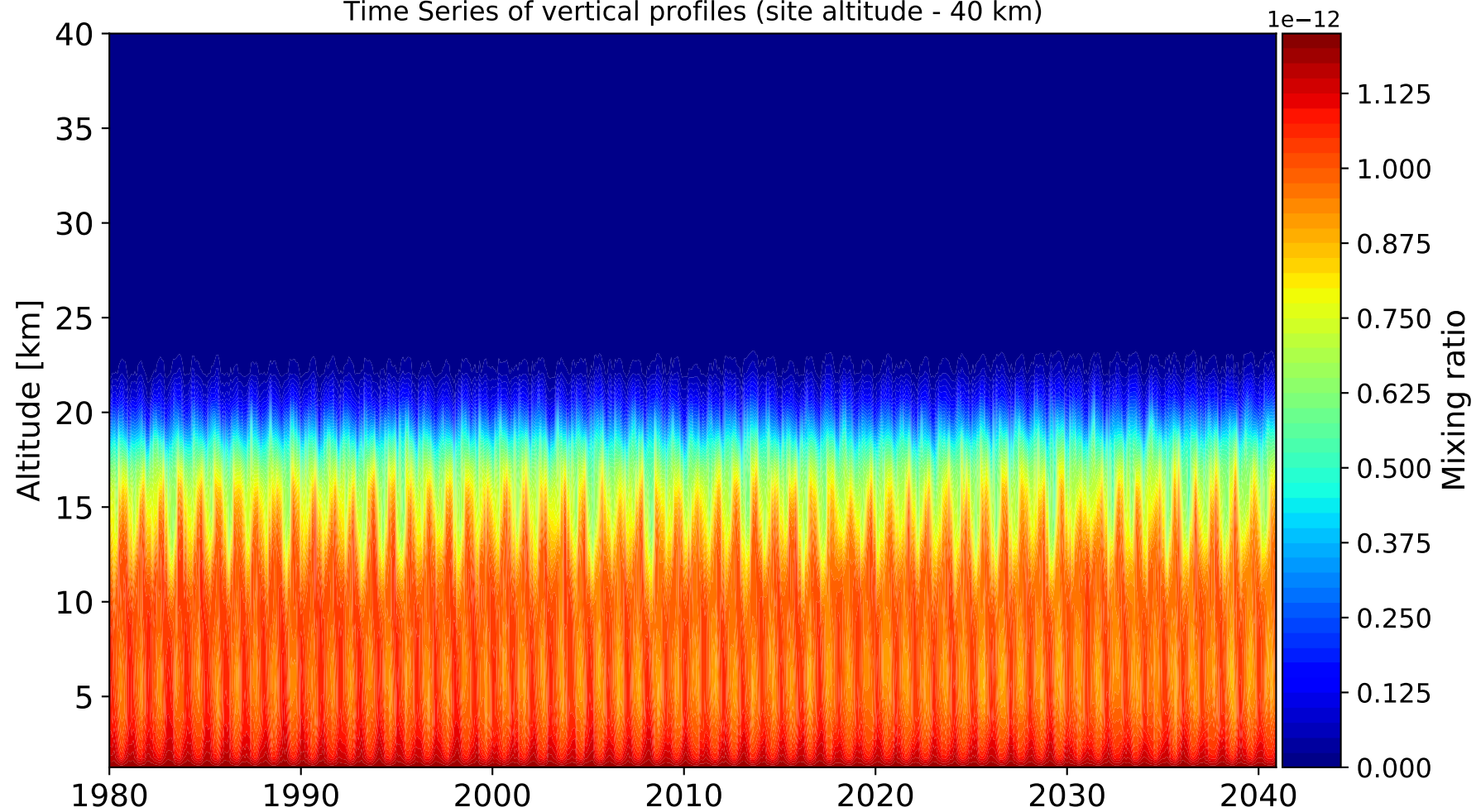


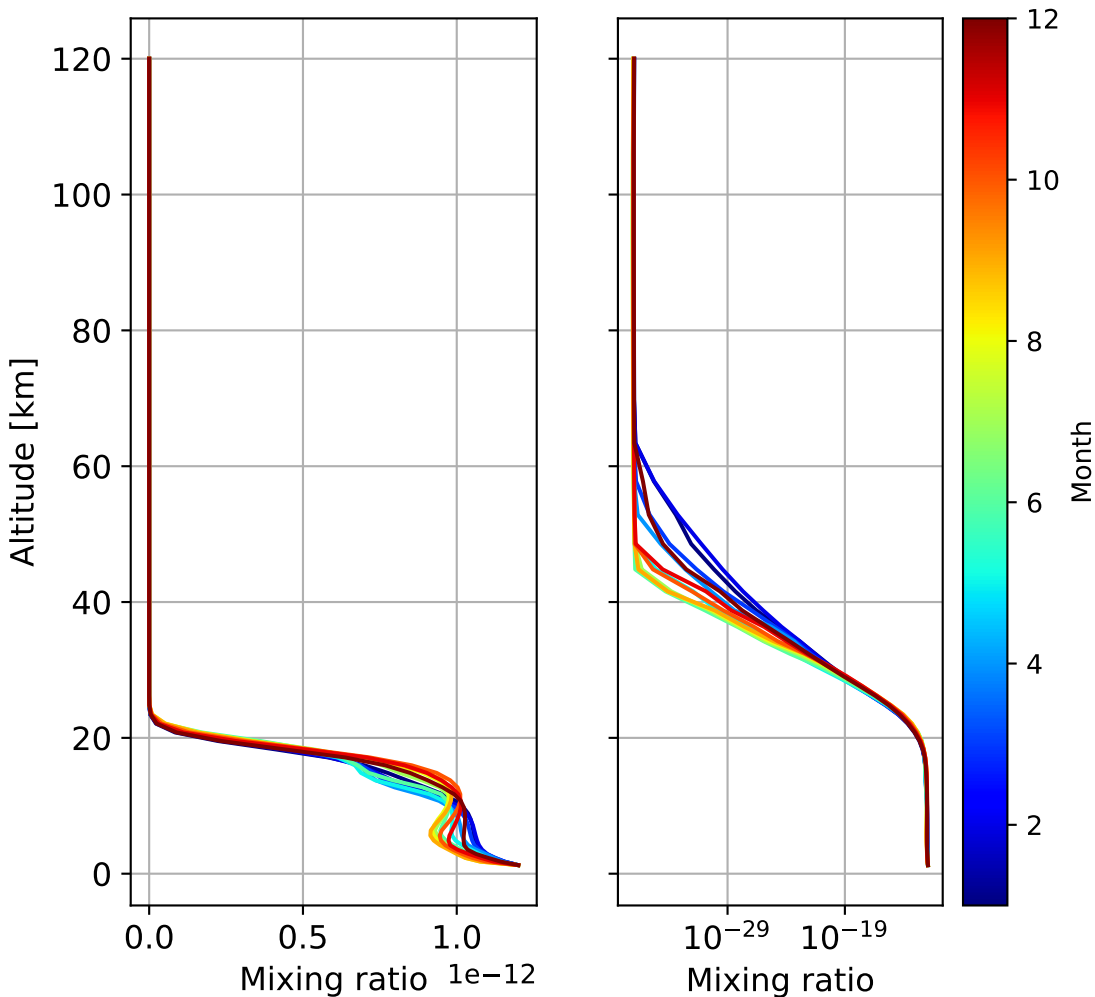
Time Series of vertical profiles (site altitude - 120 km)



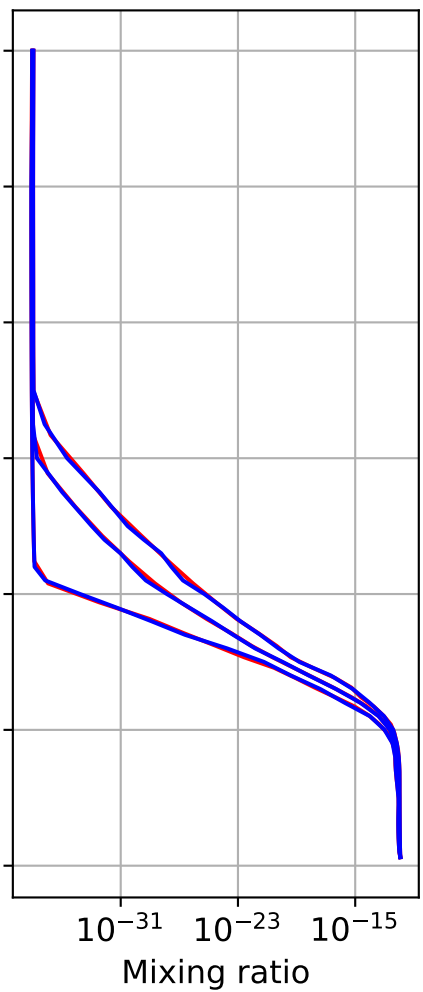
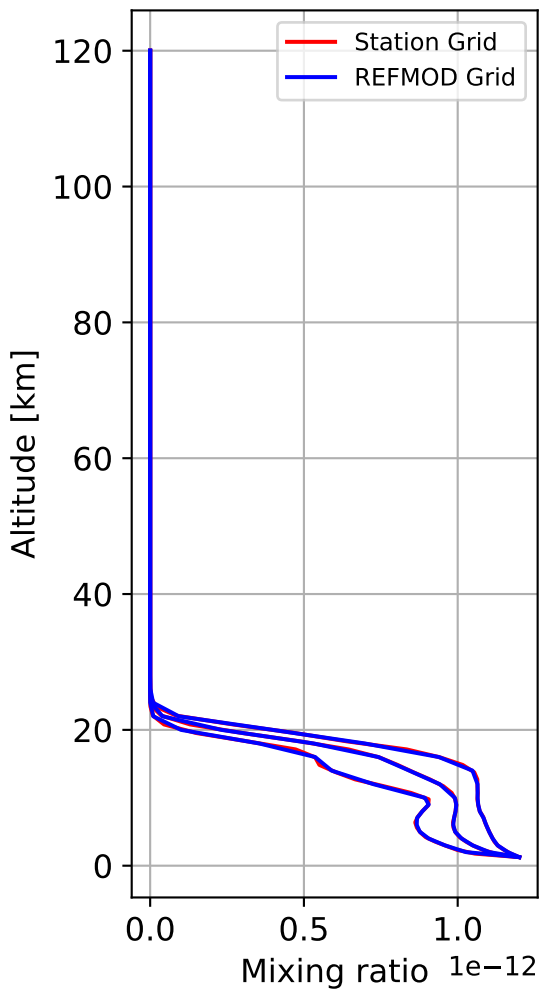
Time Series of vertical profiles (site altitude - 40 km)



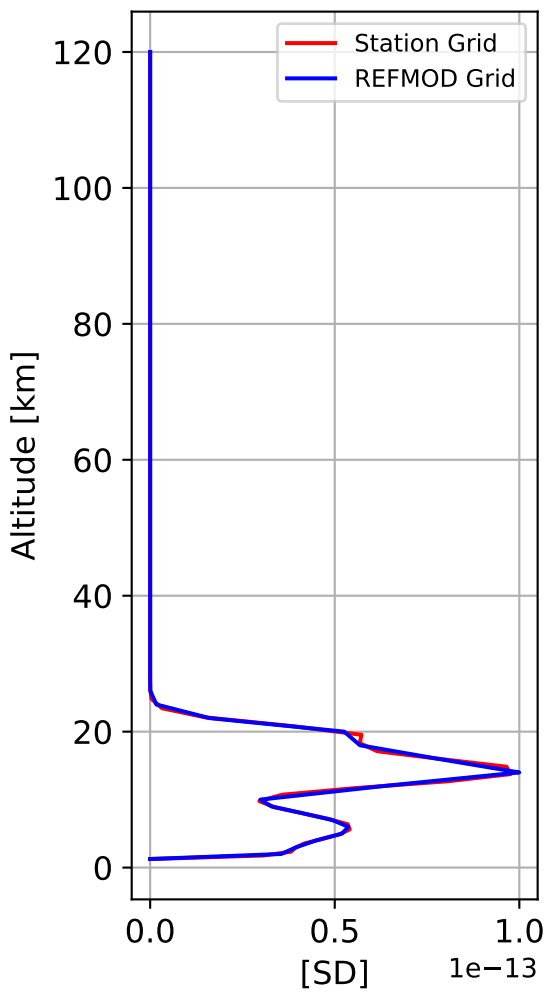
Monthly mean WACCM profile (interpolated to station grid) FtSumner, 34.48N, 255.78E, 1.26kmasl



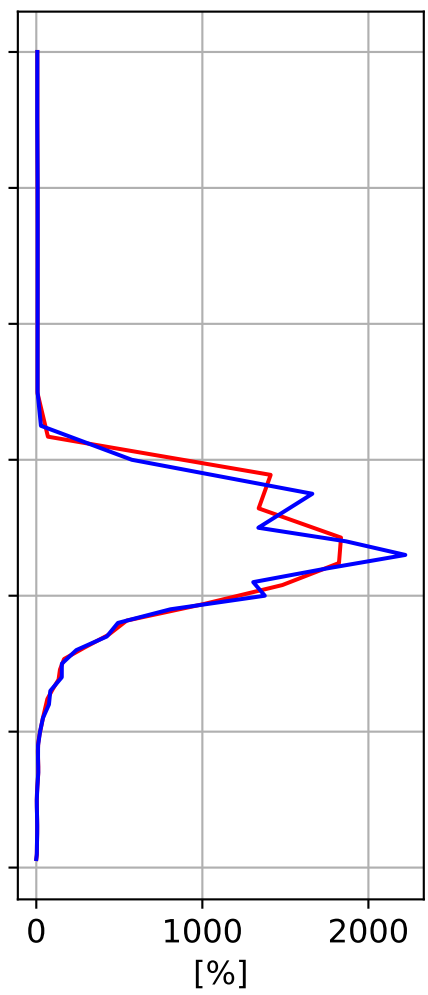
Min, Max, Mean of 732 profiles
FtSumner, 34.48N, 255.78E, 1.26kmasl



Std. Deviation



Percent Deviation

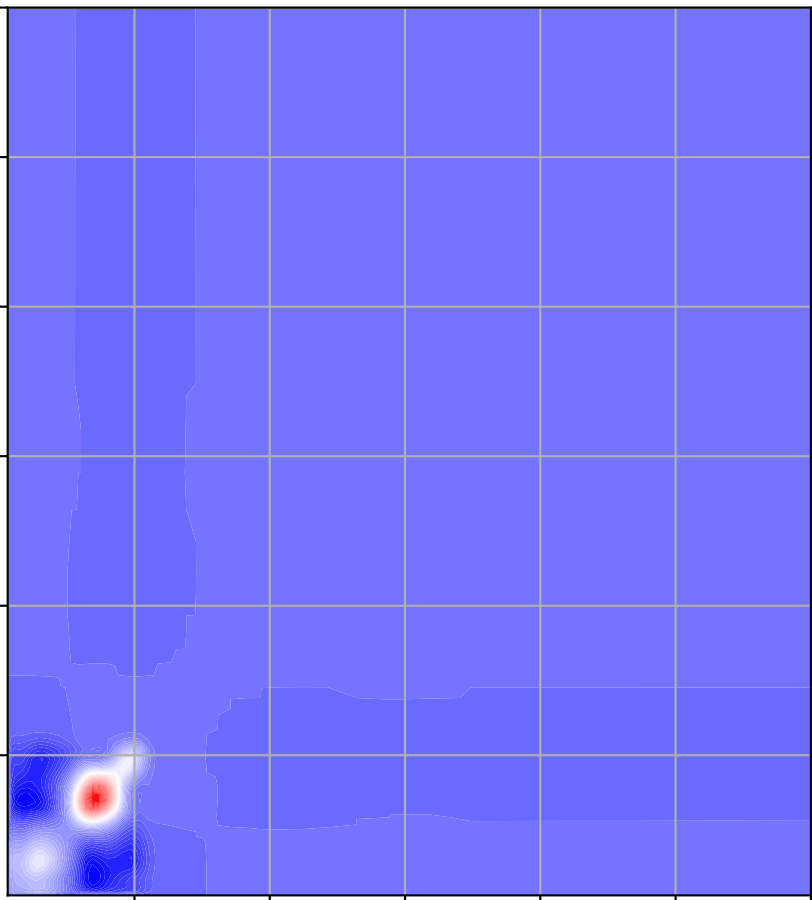


Level covariance matrix

$1e-27$

Altitude [km]

120
100
80
60
40
20



Mixing ratio²

20 40 60 80 100 120

Altitude [km]