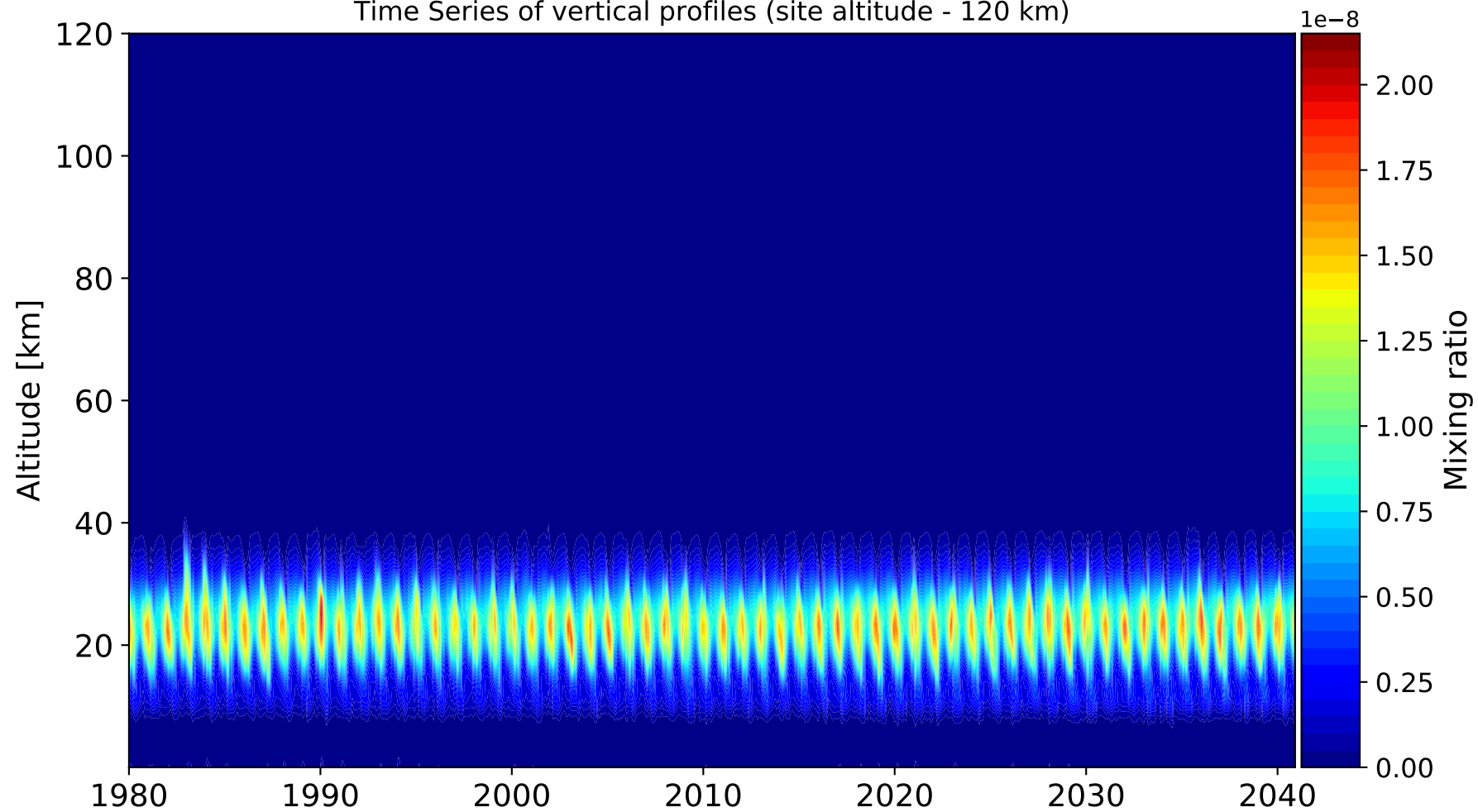
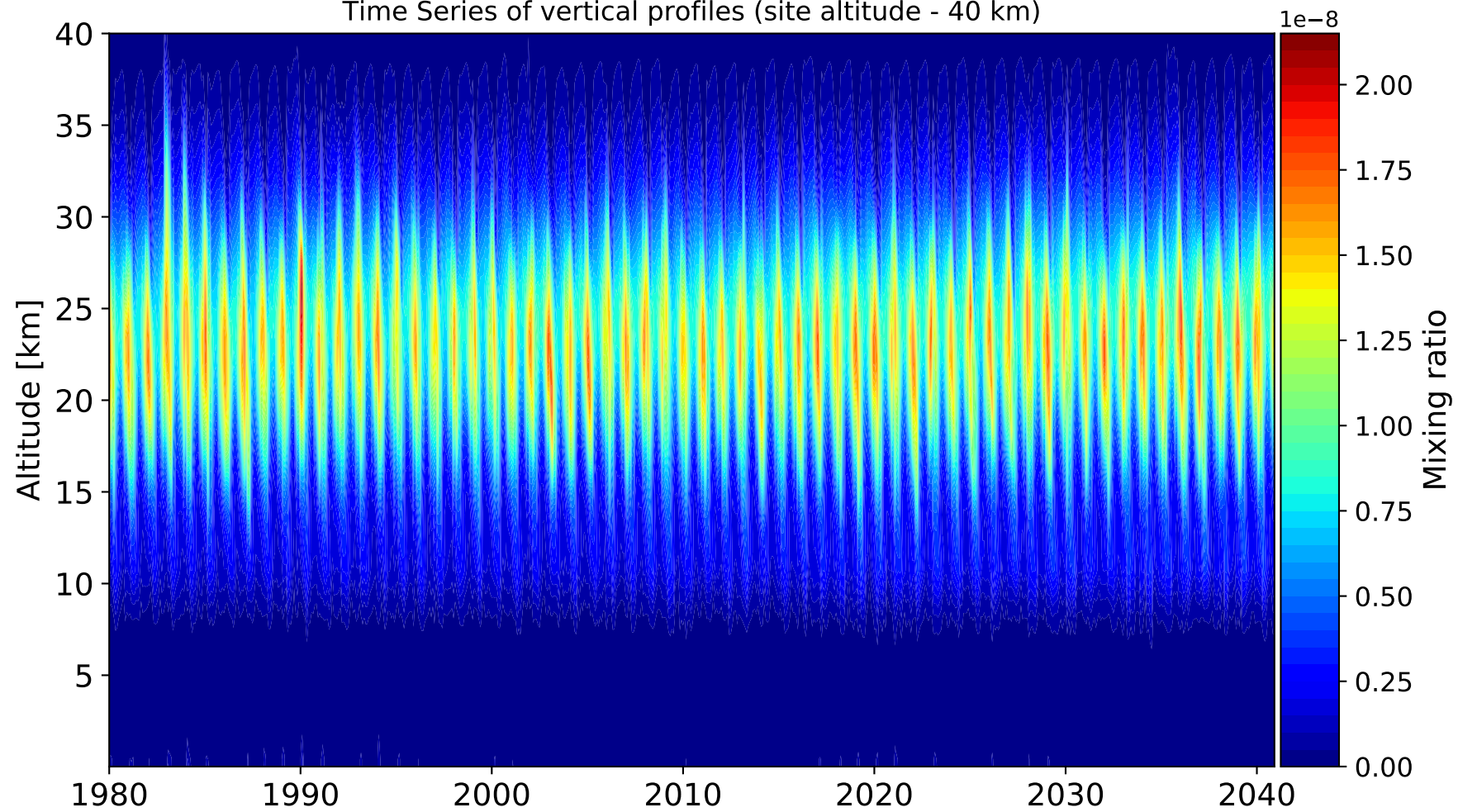


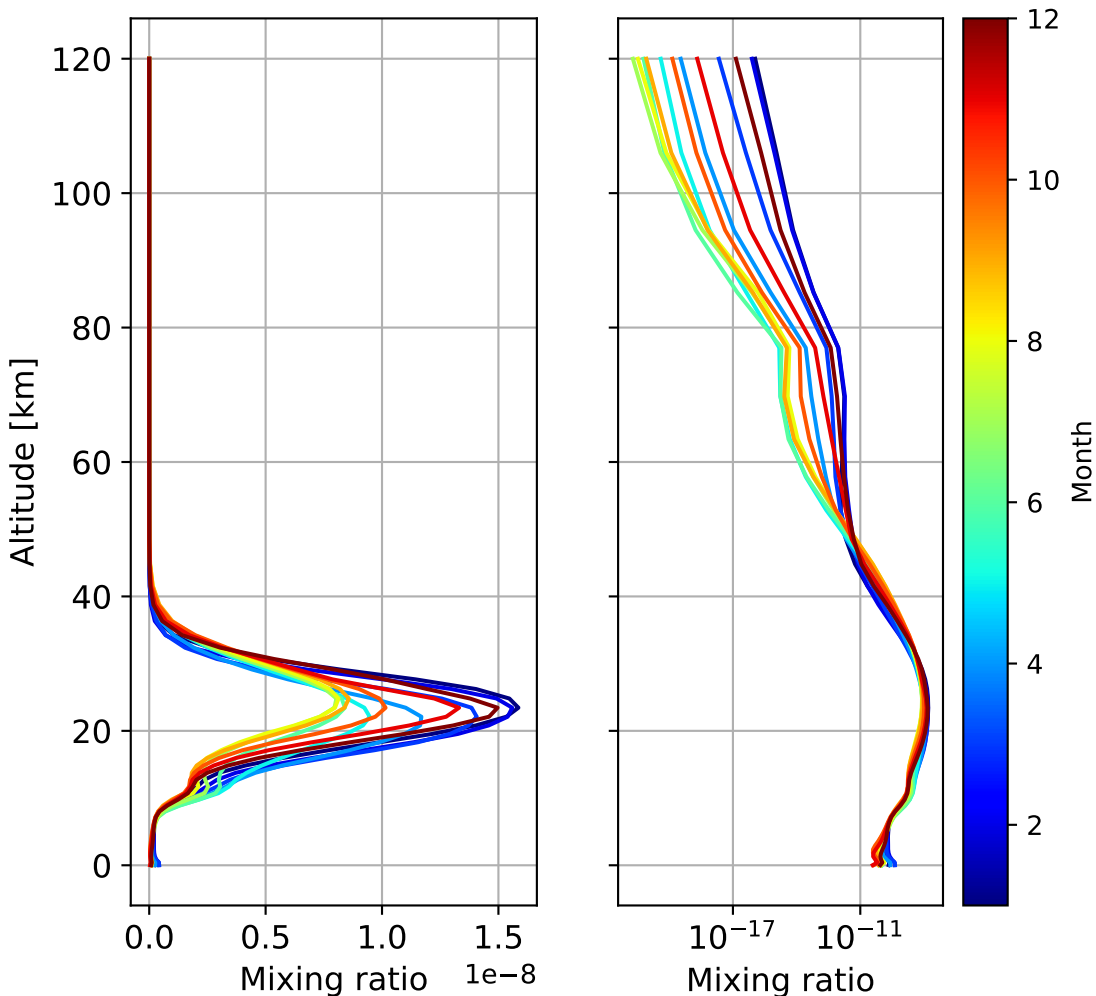
Time Series of vertical profiles (site altitude - 120 km)



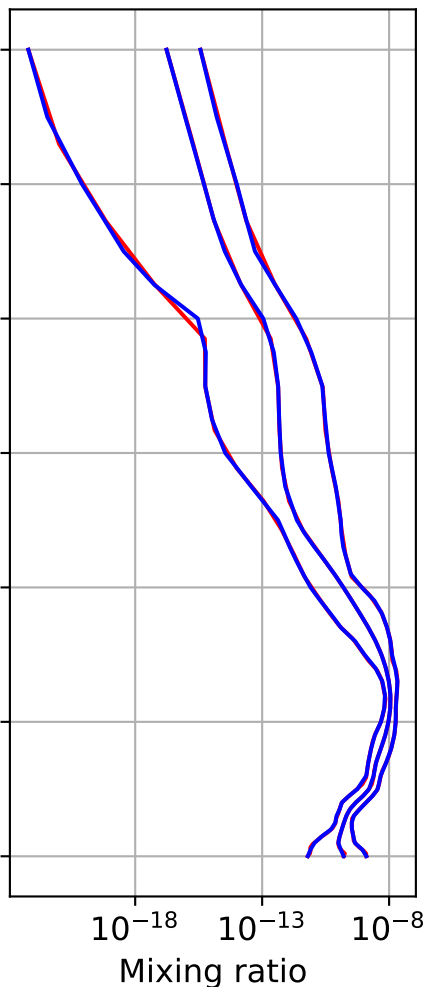
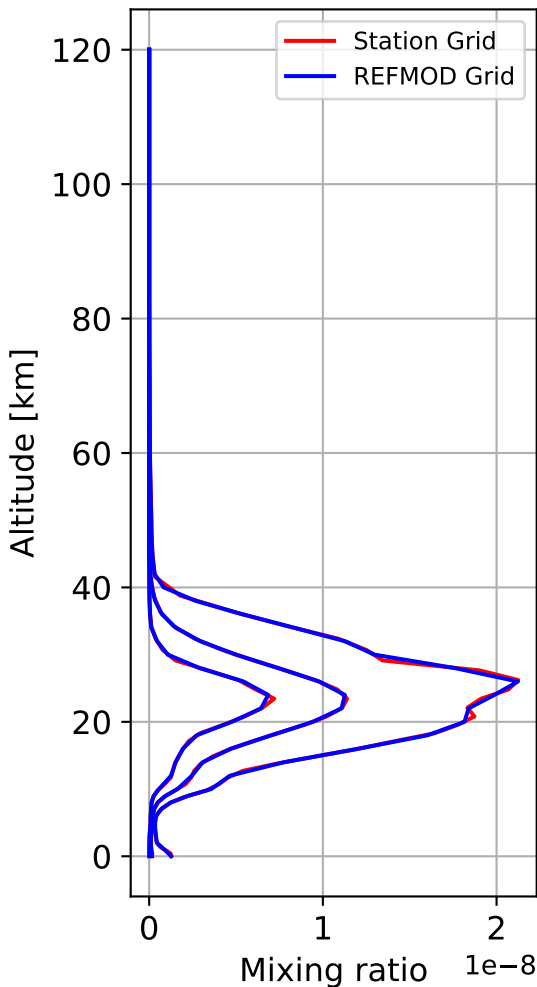
Time Series of vertical profiles (site altitude - 40 km)



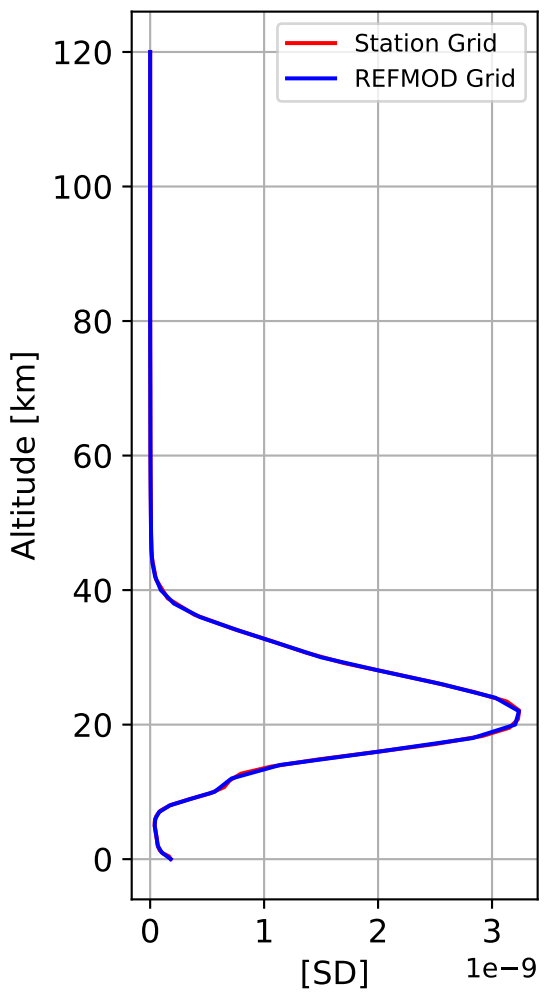
Monthly mean WACCM profile (interpolated to station grid)
Ny_Alesund, 78.9N, 11.9E, 0.02kmasl



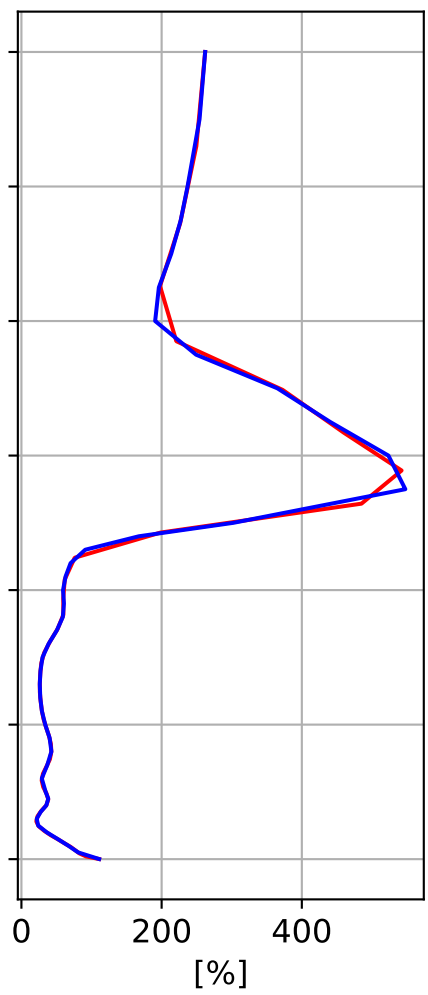
Min, Max, Mean of 732 profiles
Ny_Alesund, 78.9N, 11.9E, 0.02kmasl



Std. Deviation



Percent Deviation

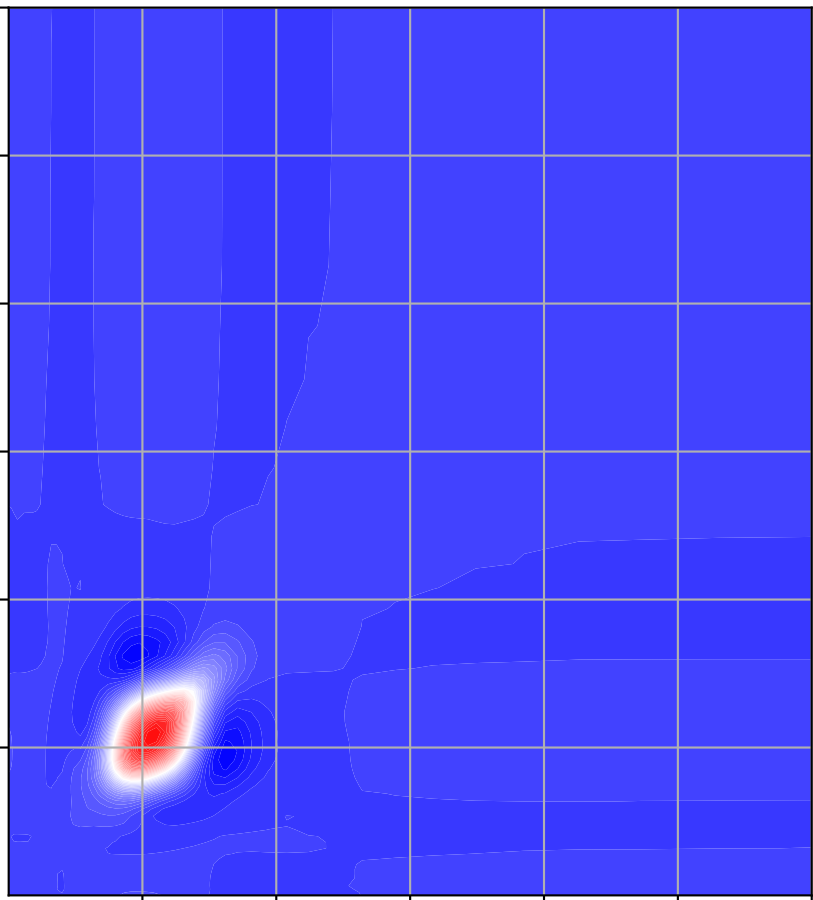


Level covariance matrix

$1e-17$

Altitude [km]

120
100
80
60
40
20



Mixing ratio²

20 40 60 80 100 120

Altitude [km]