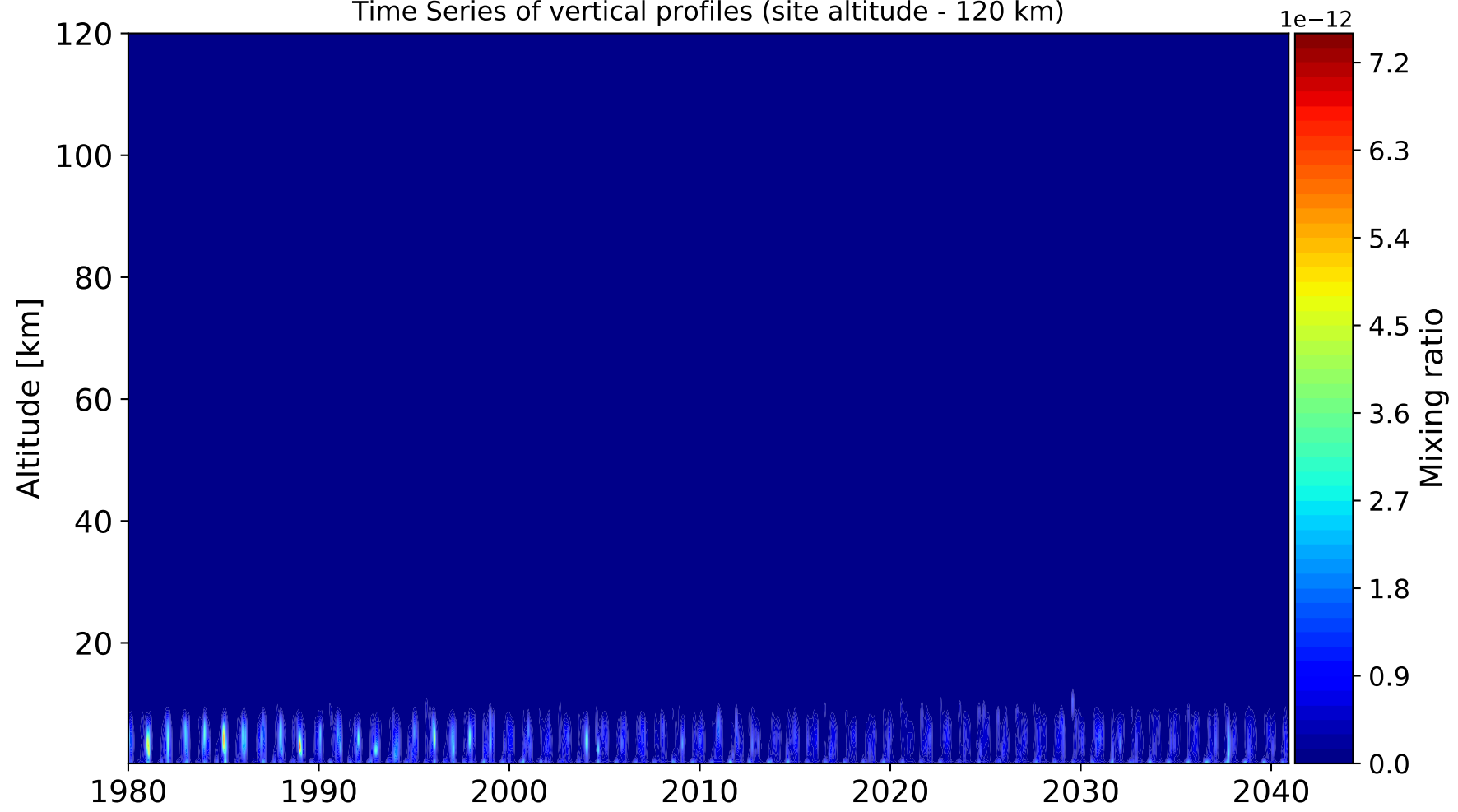
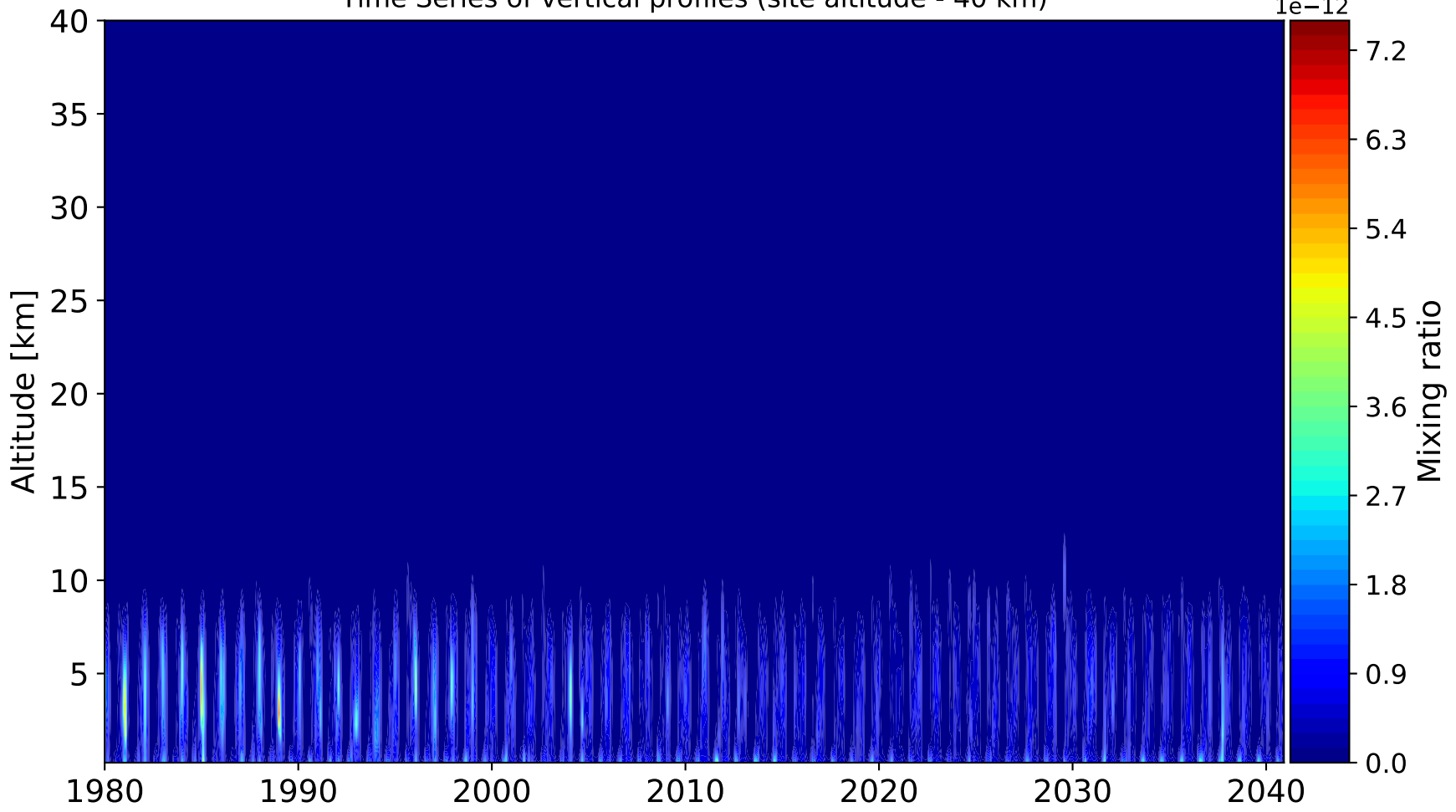


Time Series of vertical profiles (site altitude - 120 km)

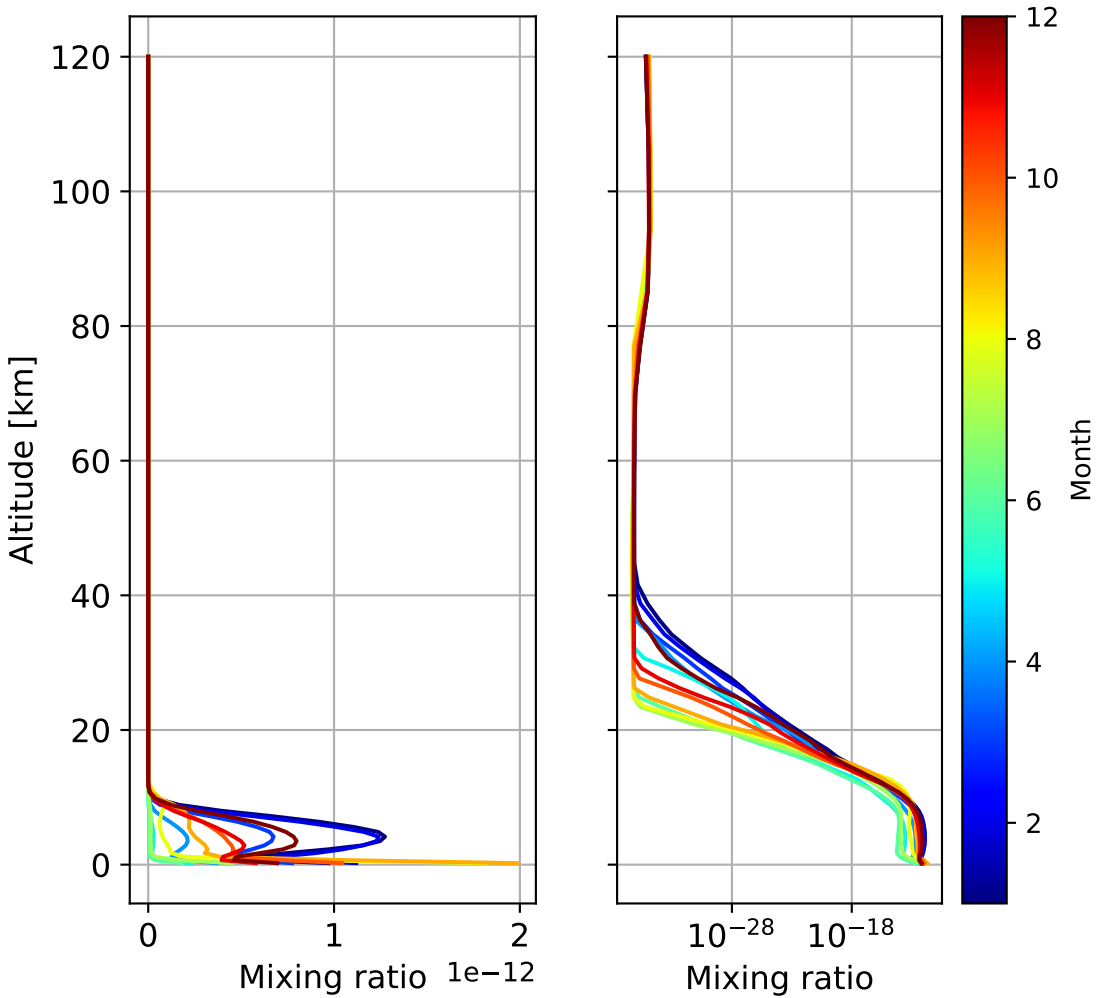


Time Series of vertical profiles (site altitude - 40 km)

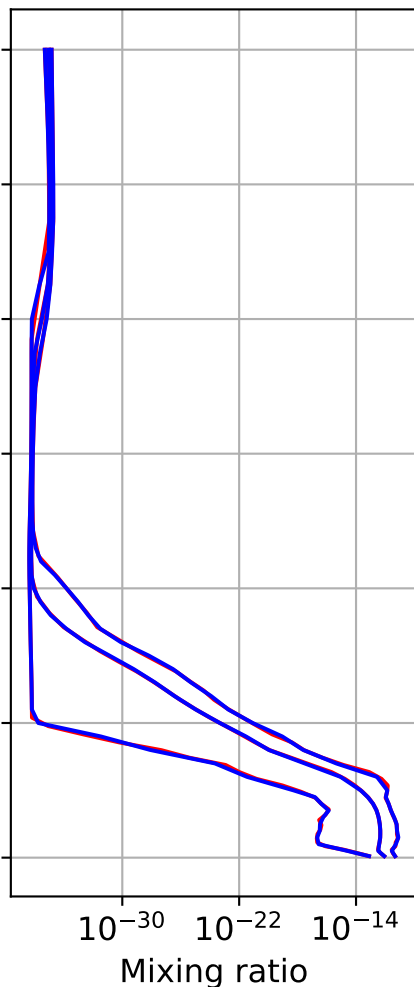
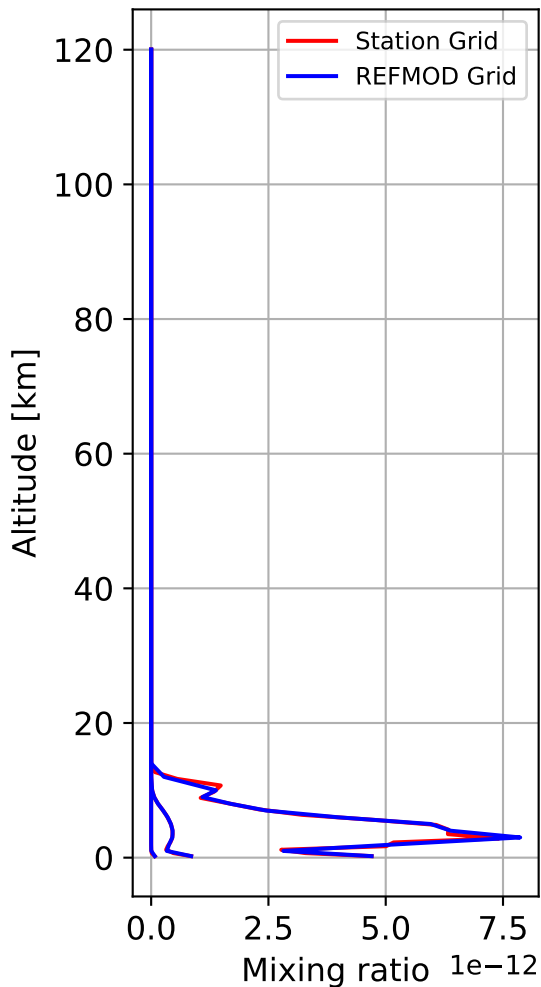
1e-12



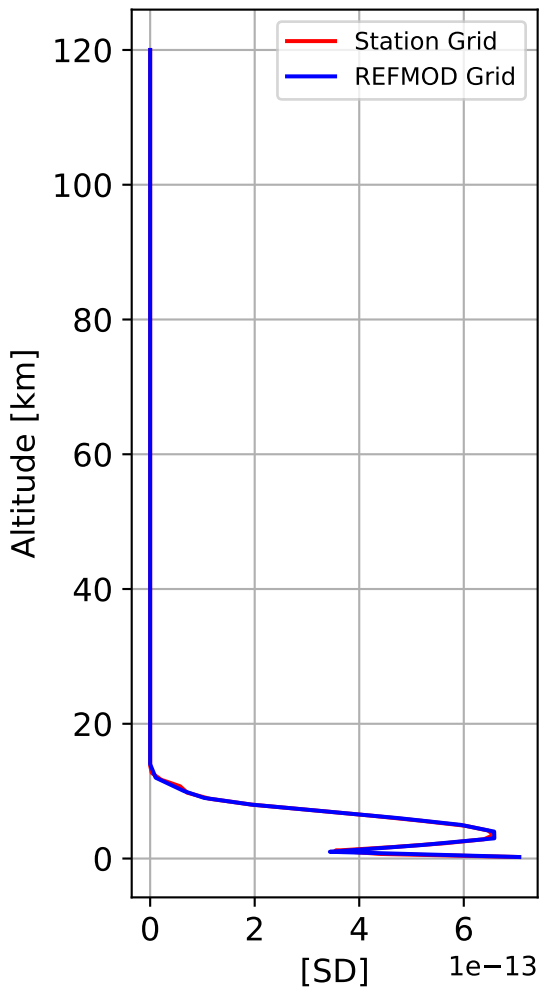
# Monthly mean WACCM profile (interpolated to station grid) Thule, 76.53N, 291.26E, 0.225kmasl



Min, Max, Mean of 732 profiles  
Thule, 76.53N, 291.26E, 0.225kmasl



Std. Deviation



Percent Deviation

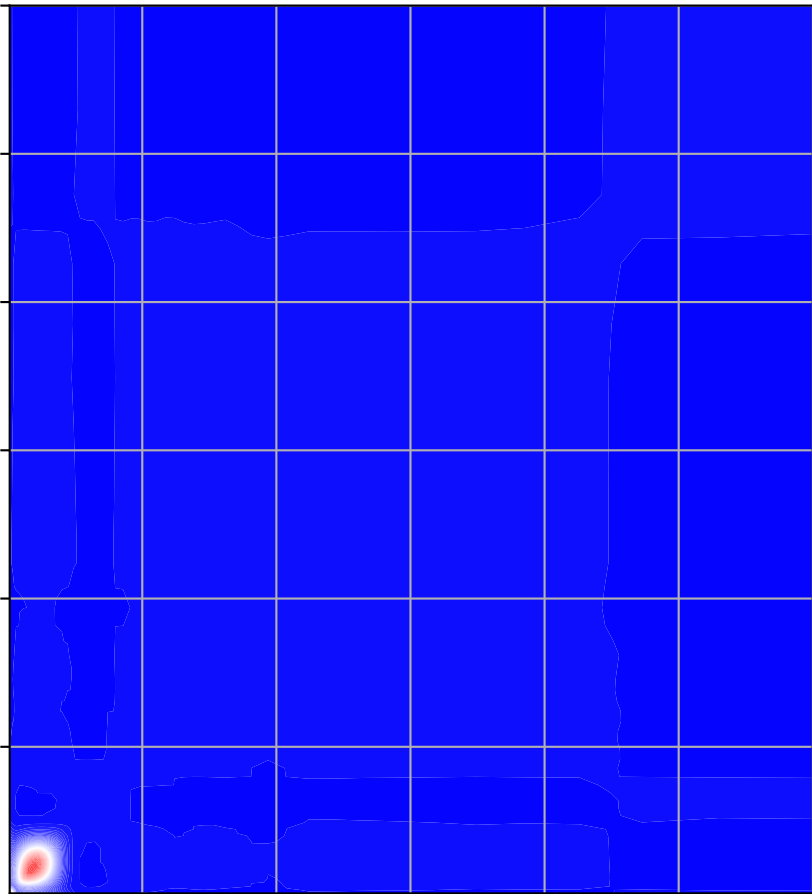


# Level covariance matrix

1e-25

Altitude [km]

120  
100  
80  
60  
40  
20



Altitude [km]

Mixing ratio [^2]