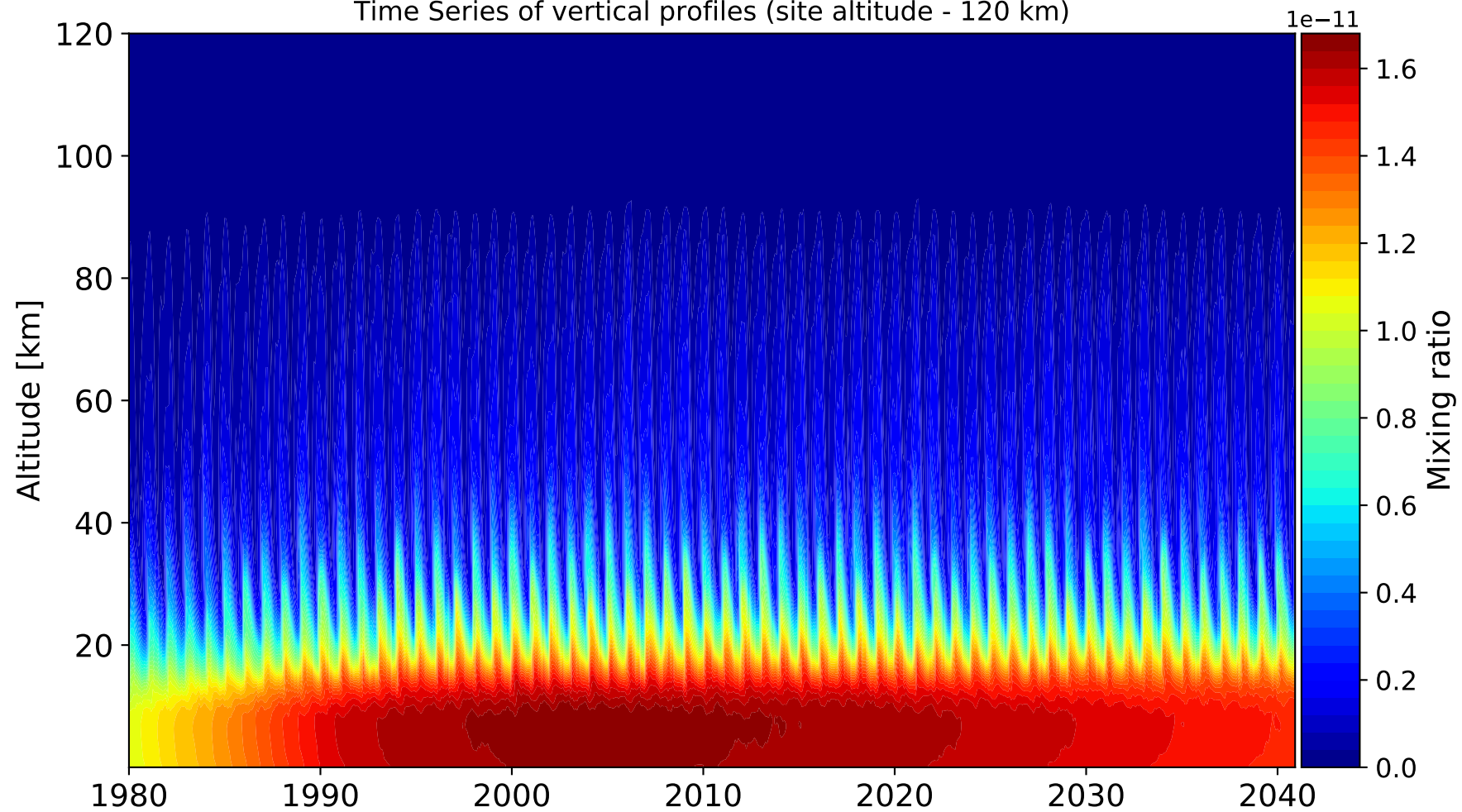
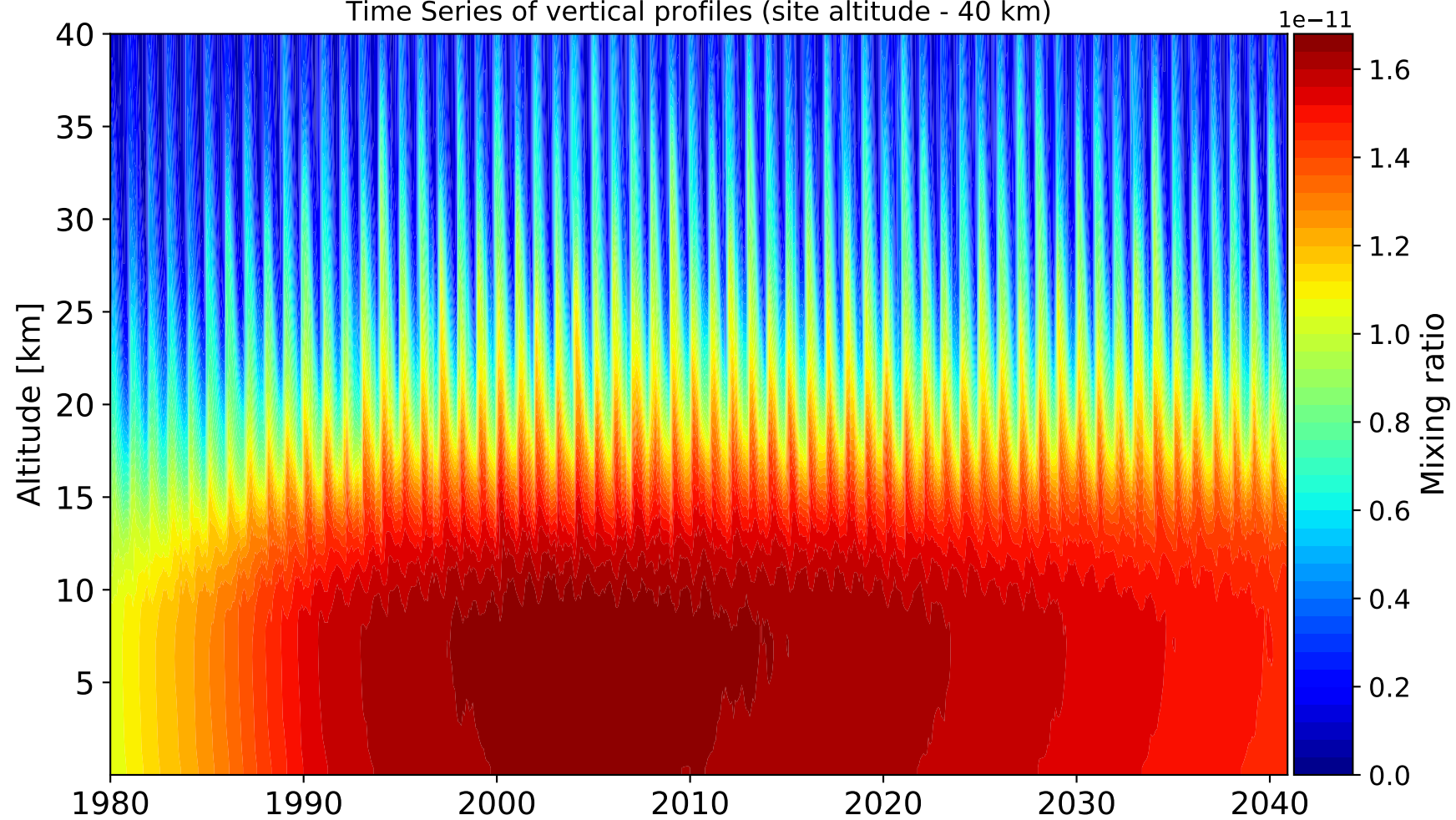


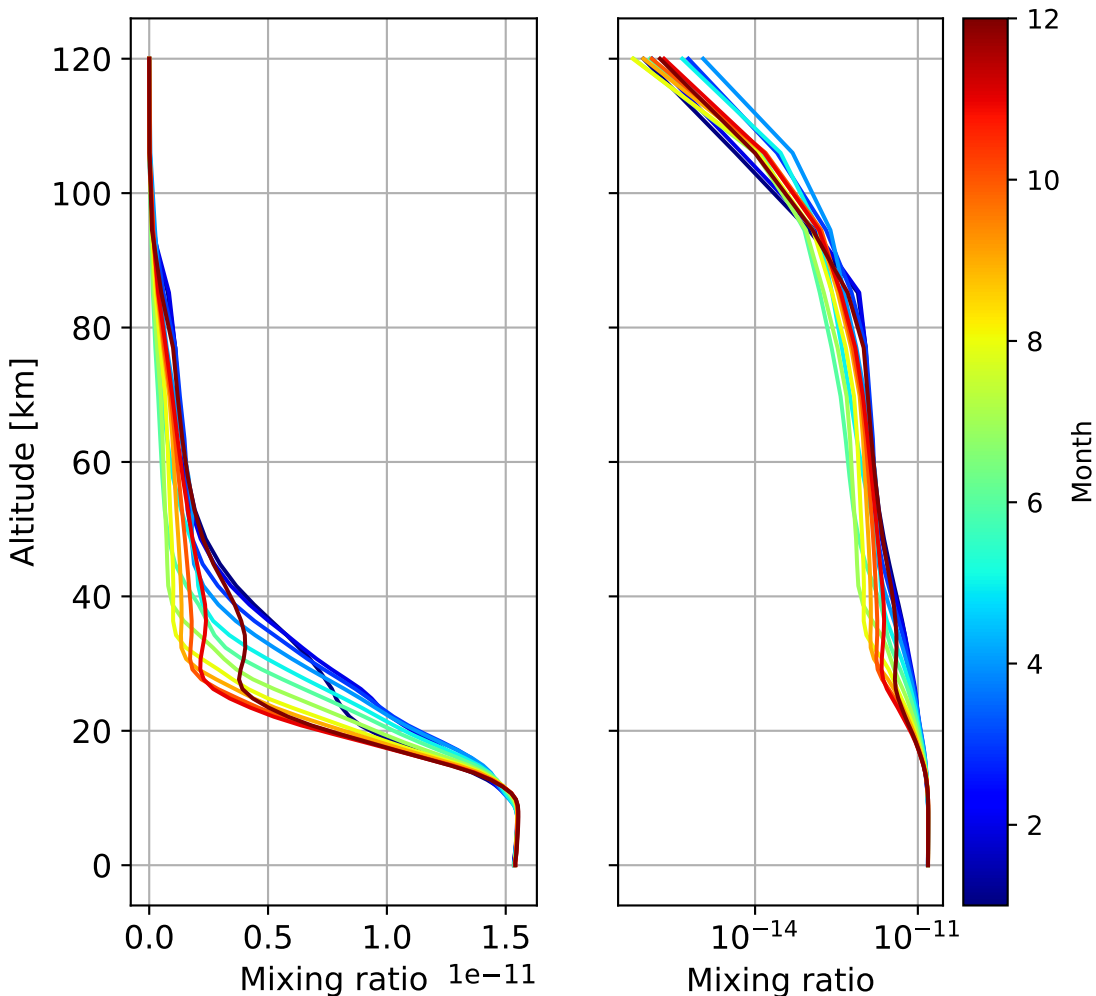
Time Series of vertical profiles (site altitude - 120 km)



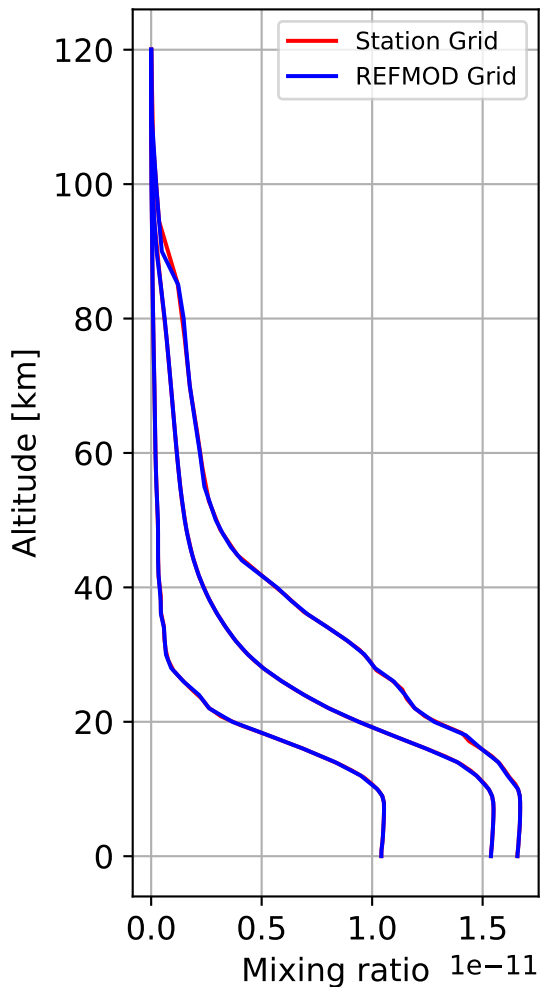
Time Series of vertical profiles (site altitude - 40 km)



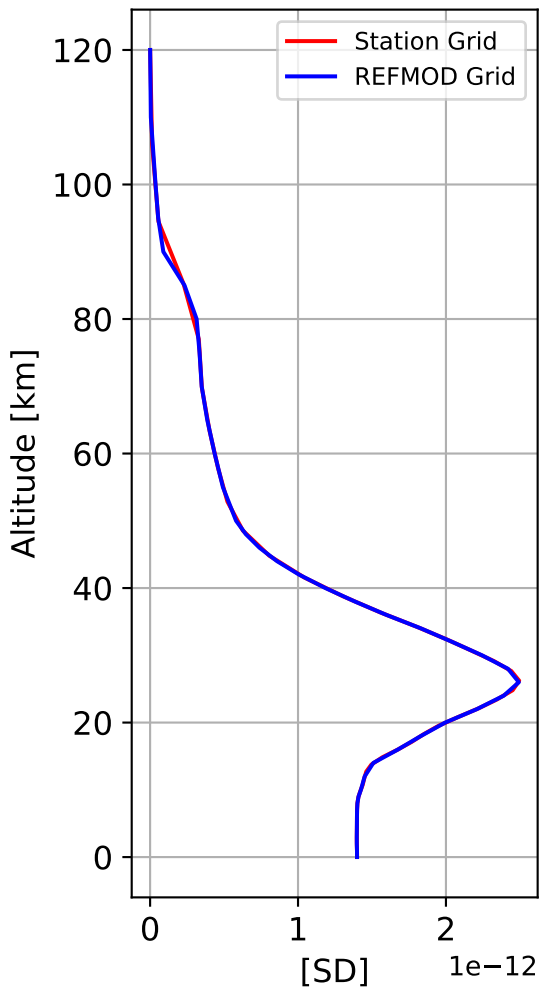
Monthly mean WACCM profile (interpolated to station grid)  
Syowa\_Station, -69.0N, 39.59E, 0.01kmasl



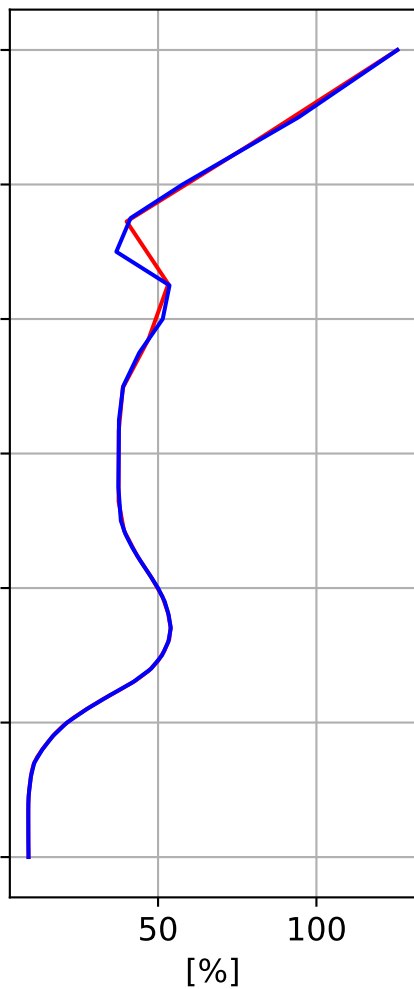
Min, Max, Mean of 732 profiles  
Syowa\_Station, -69.0N, 39.59E, 0.01kmasl



### Std. Deviation



### Percent Deviation



Level covariance matrix

 $1e-24$ 