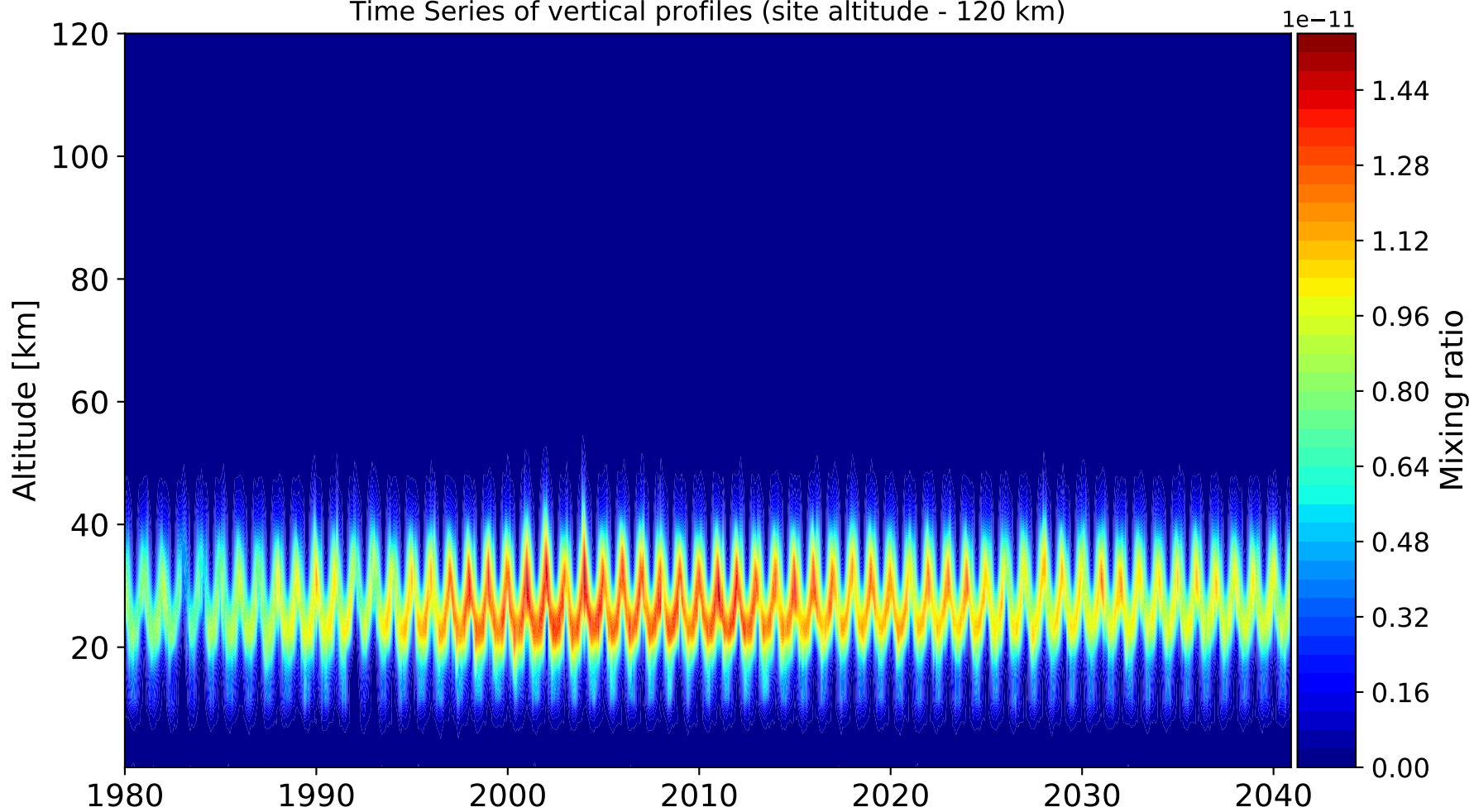
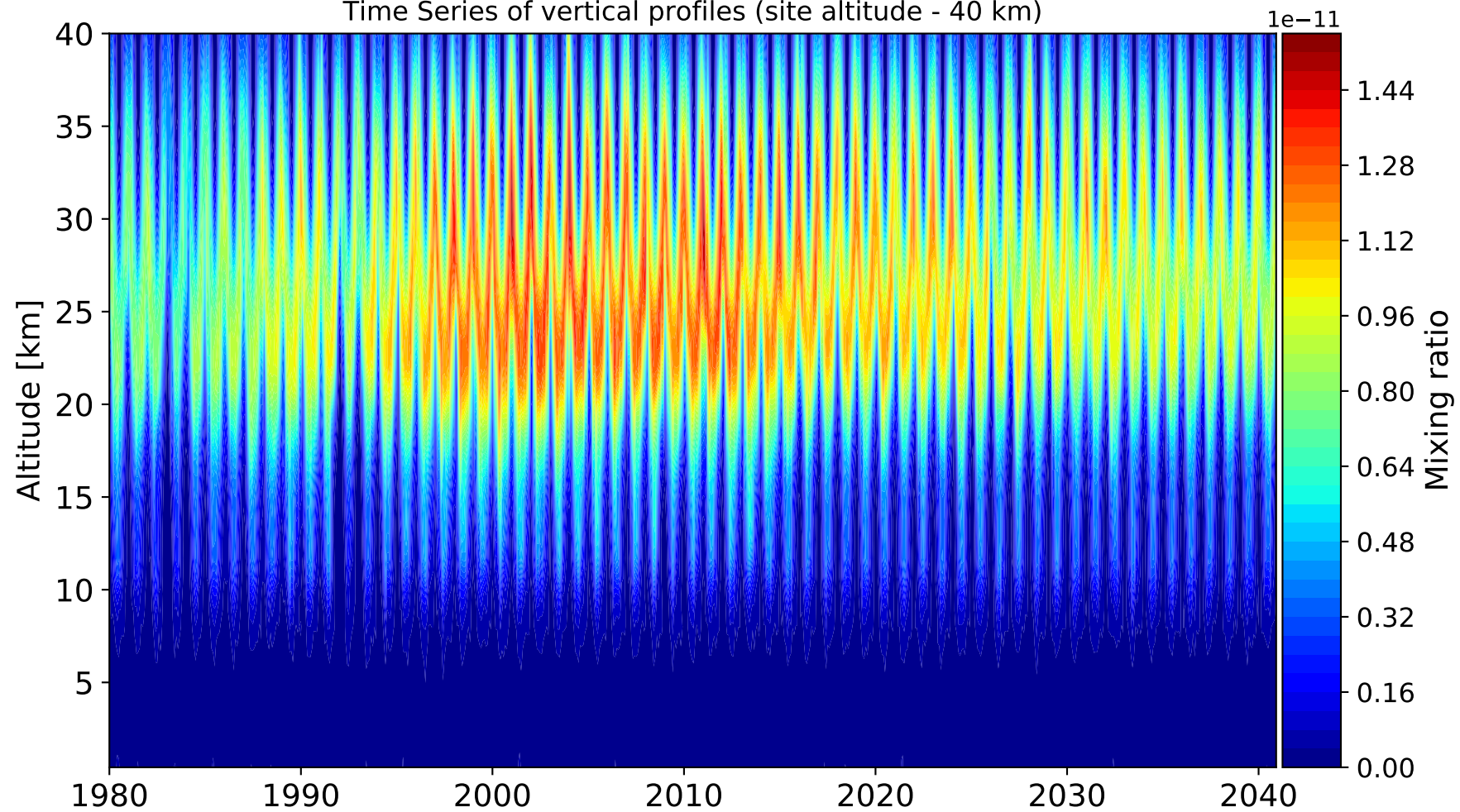


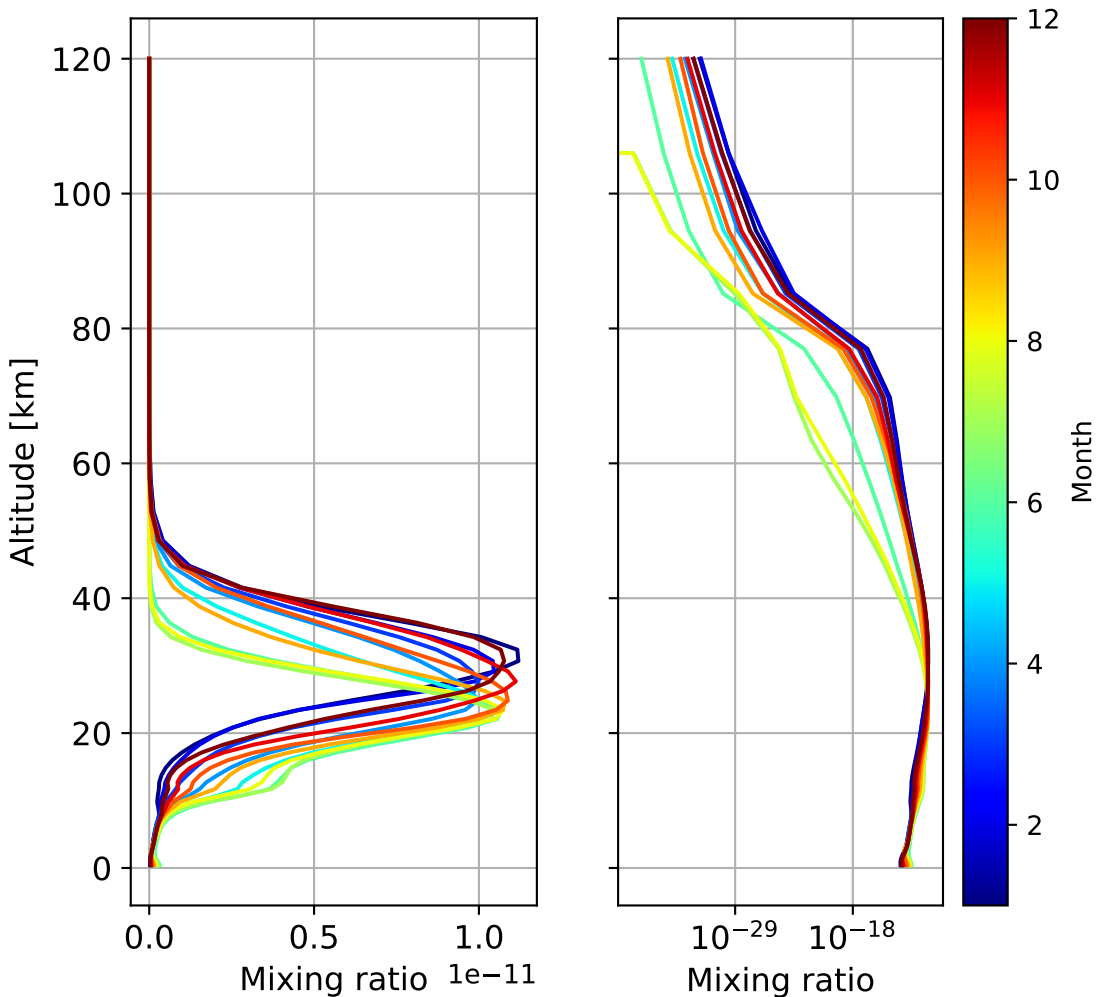
Time Series of vertical profiles (site altitude - 120 km)



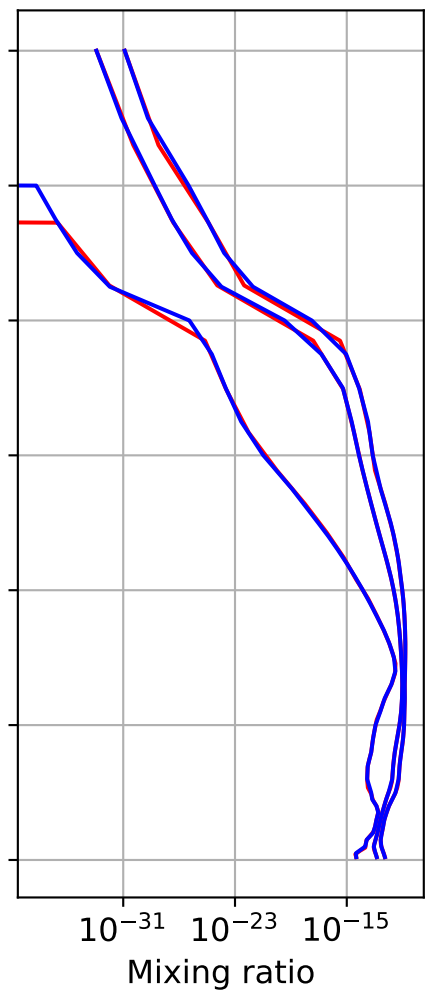
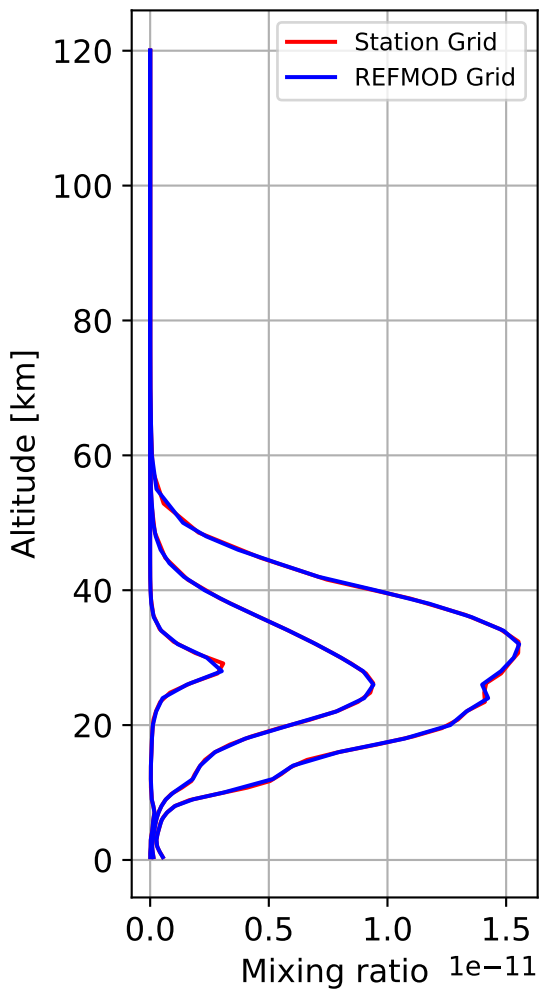
Time Series of vertical profiles (site altitude - 40 km)



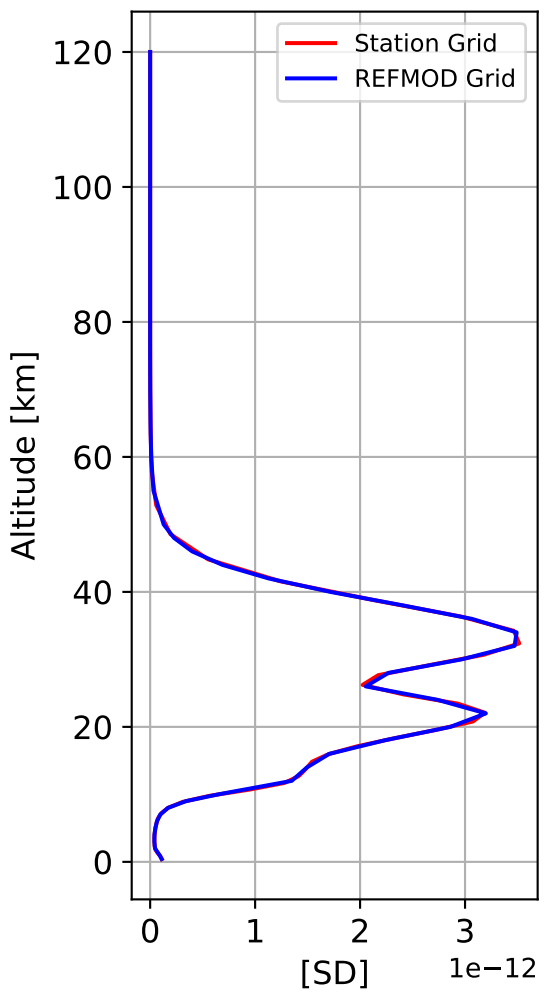
# Monthly mean WACCM profile (interpolated to station grid) Kiruna, 67.84N, 20.41E, 0.42kmasl



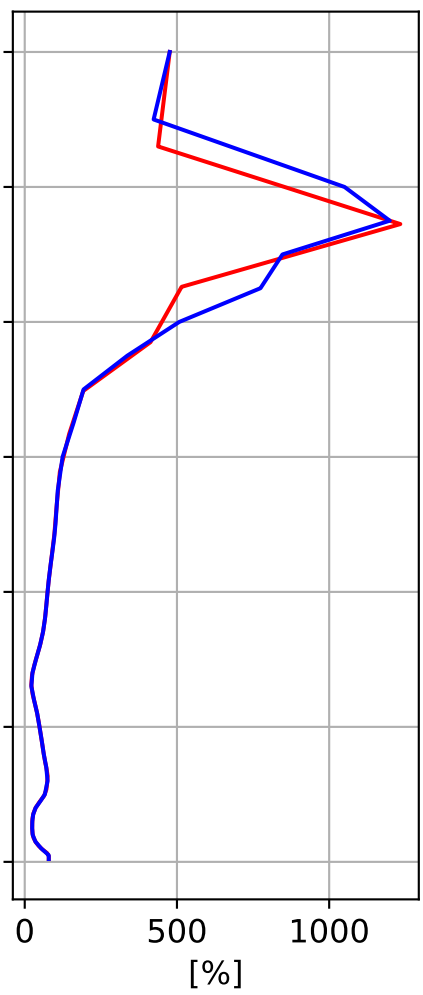
Min, Max, Mean of 732 profiles  
Kiruna, 67.84N, 20.41E, 0.42km/s



### Std. Deviation



### Percent Deviation

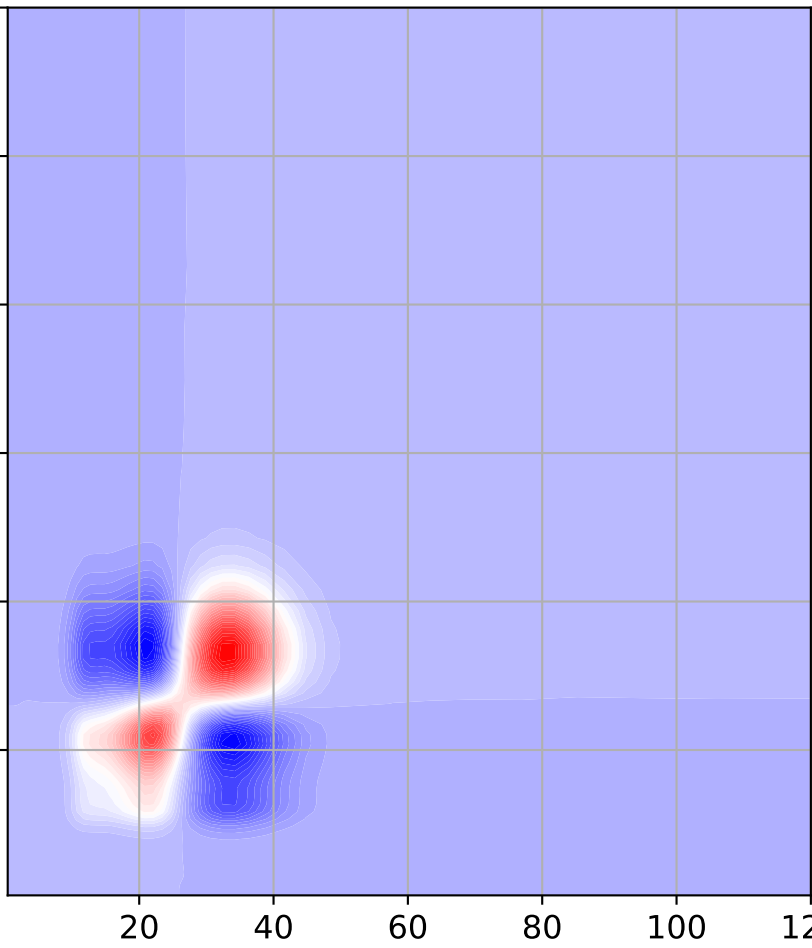


Level covariance matrix

1e-23

Altitude [km]

120  
100  
80  
60  
40  
20



Mixing ratio<sup>2</sup>]

1.2  
1.0  
0.8  
0.6  
0.4  
0.2  
0.0  
-0.2  
-0.4  
-0.6

Altitude [km]