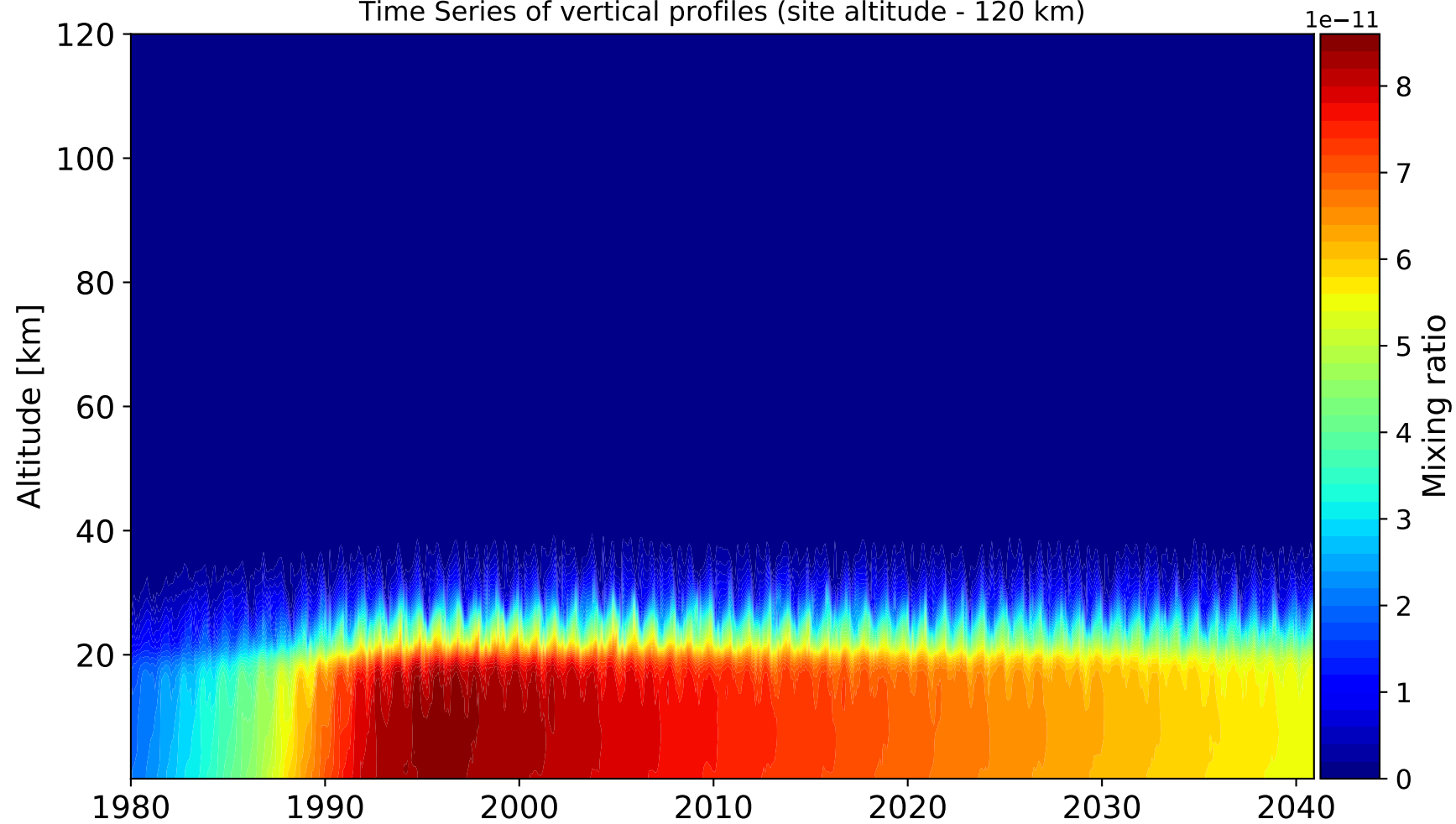
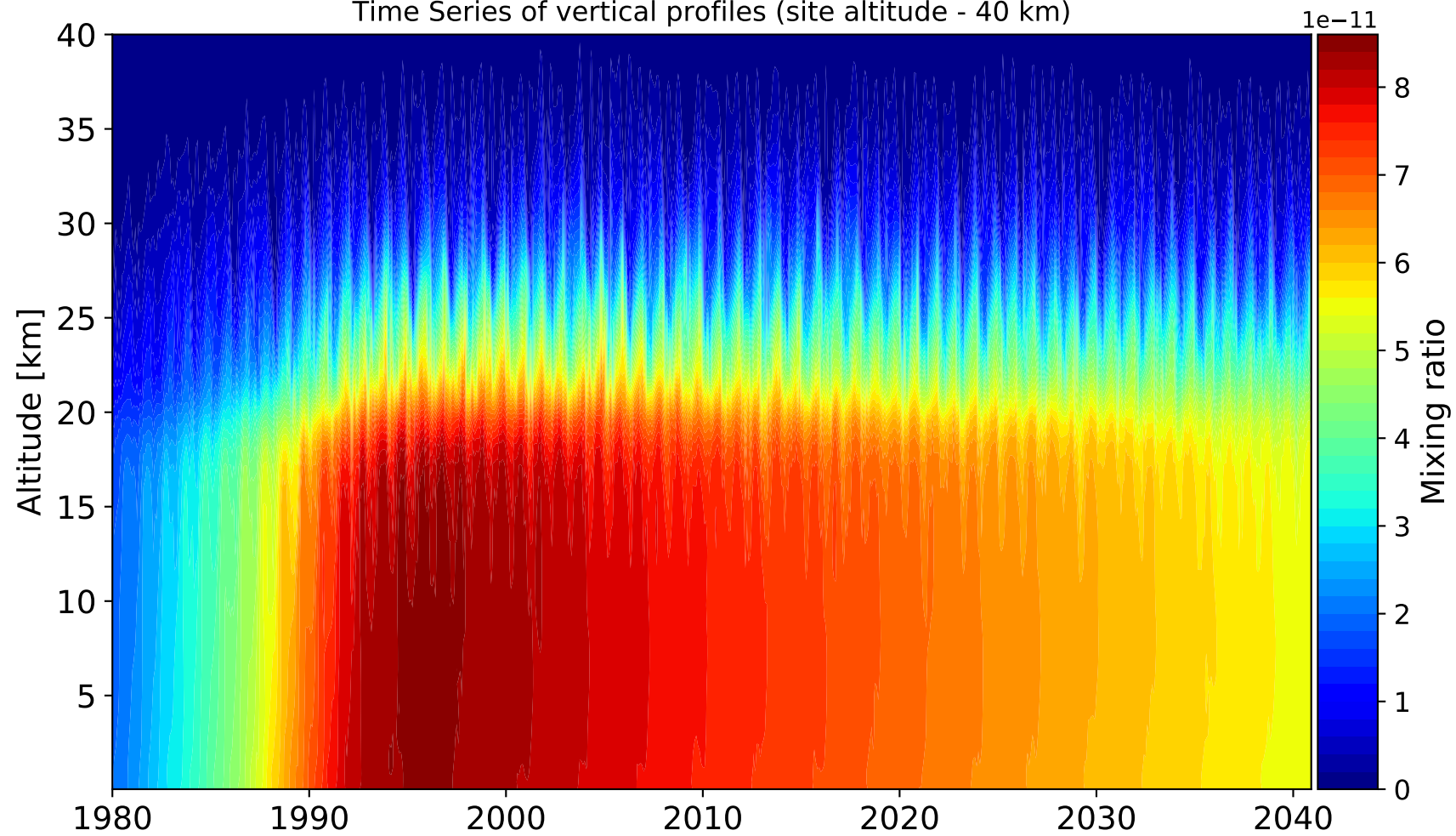


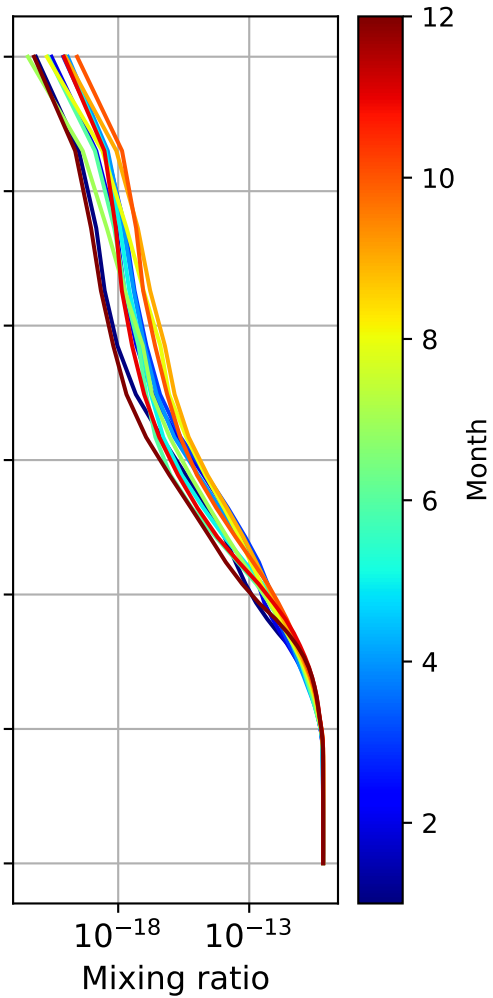
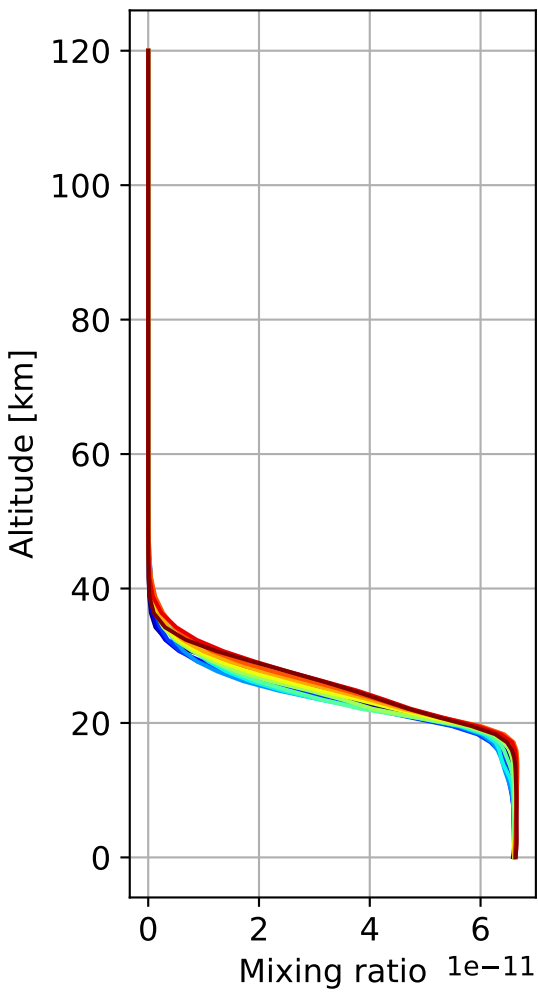
Time Series of vertical profiles (site altitude - 120 km)



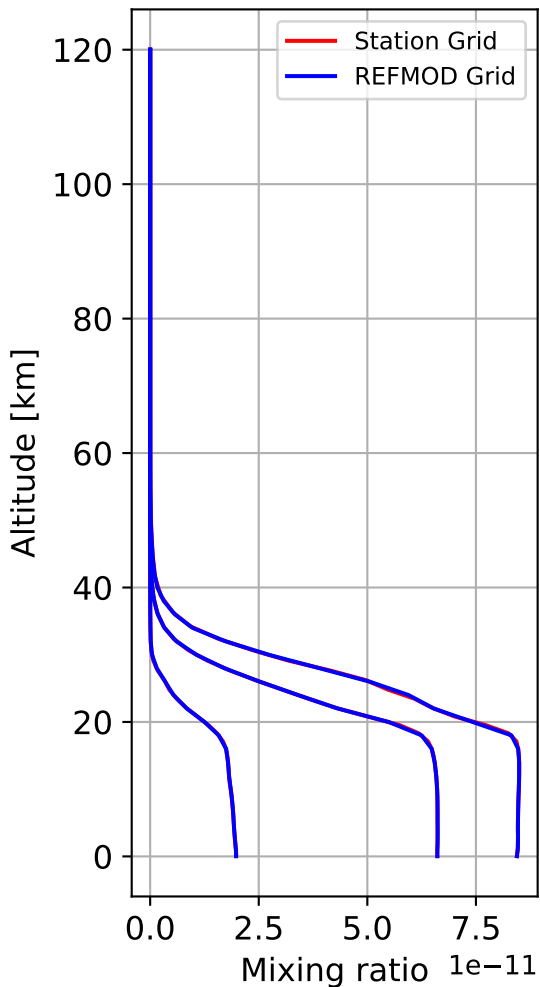
Time Series of vertical profiles (site altitude - 40 km)



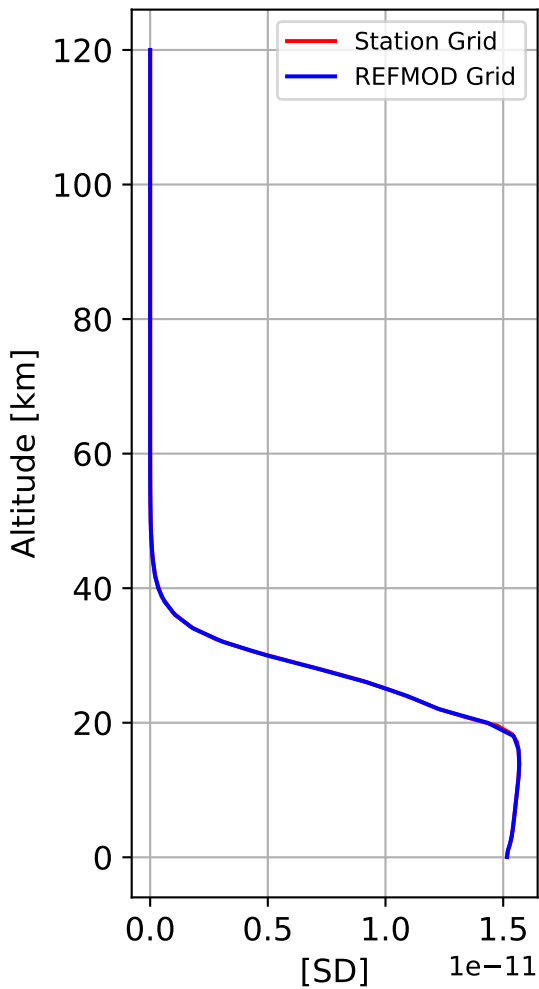
# Monthly mean WACCM profile (interpolated to station grid) Hefei, 31.9N, 117.17E, 0.04kmasl



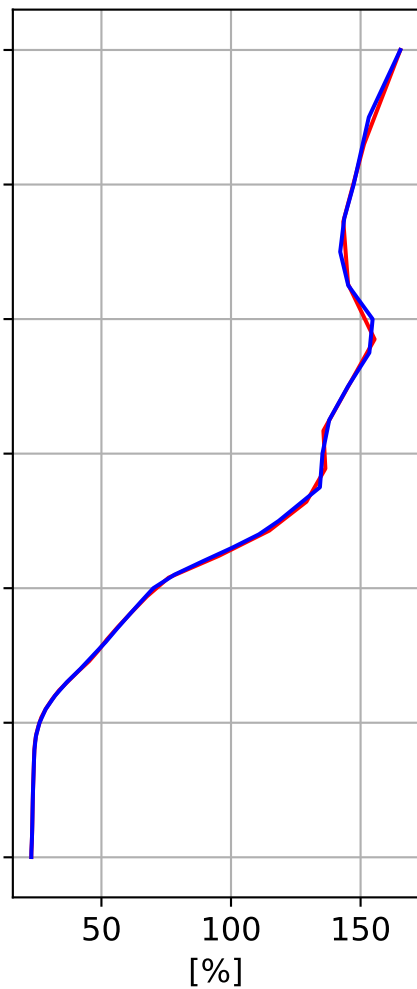
# Min, Max, Mean of 732 profiles Hefei, 31.9N, 117.17E, 0.04kmasl



### Std. Deviation



### Percent Deviation

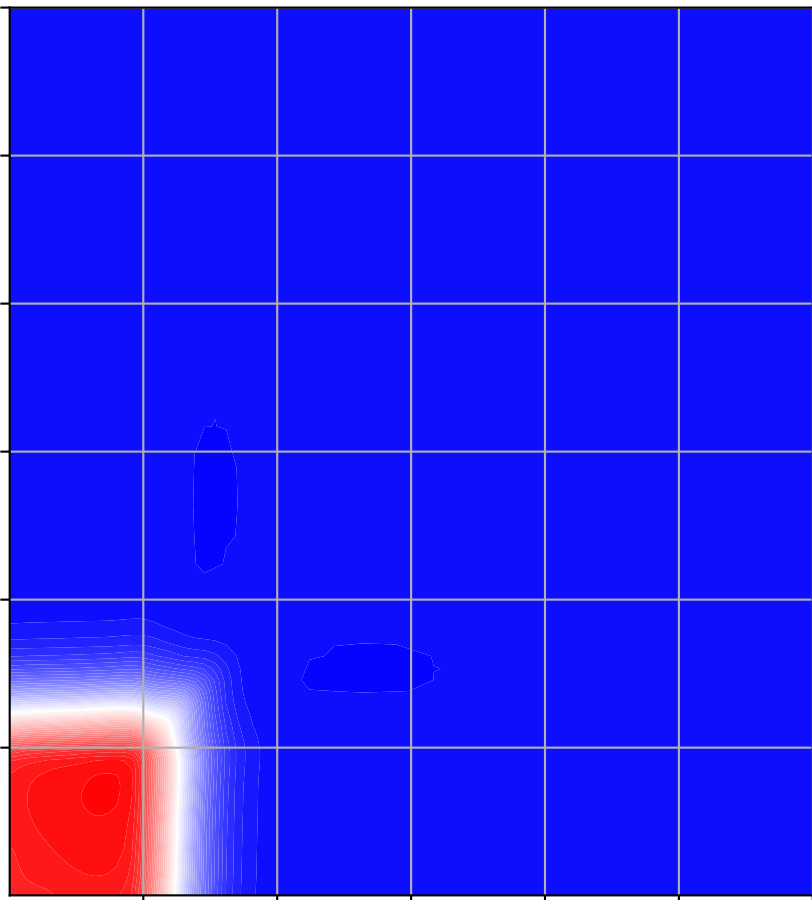


# Level covariance matrix

1e-22

Altitude [km]

120  
100  
80  
60  
40  
20



Mixing ratio[<sup>2</sup>]

2.4  
2.1  
1.8  
1.5  
1.2  
0.9  
0.6  
0.3  
0.0

Altitude [km]

20 40 60 80 100 120