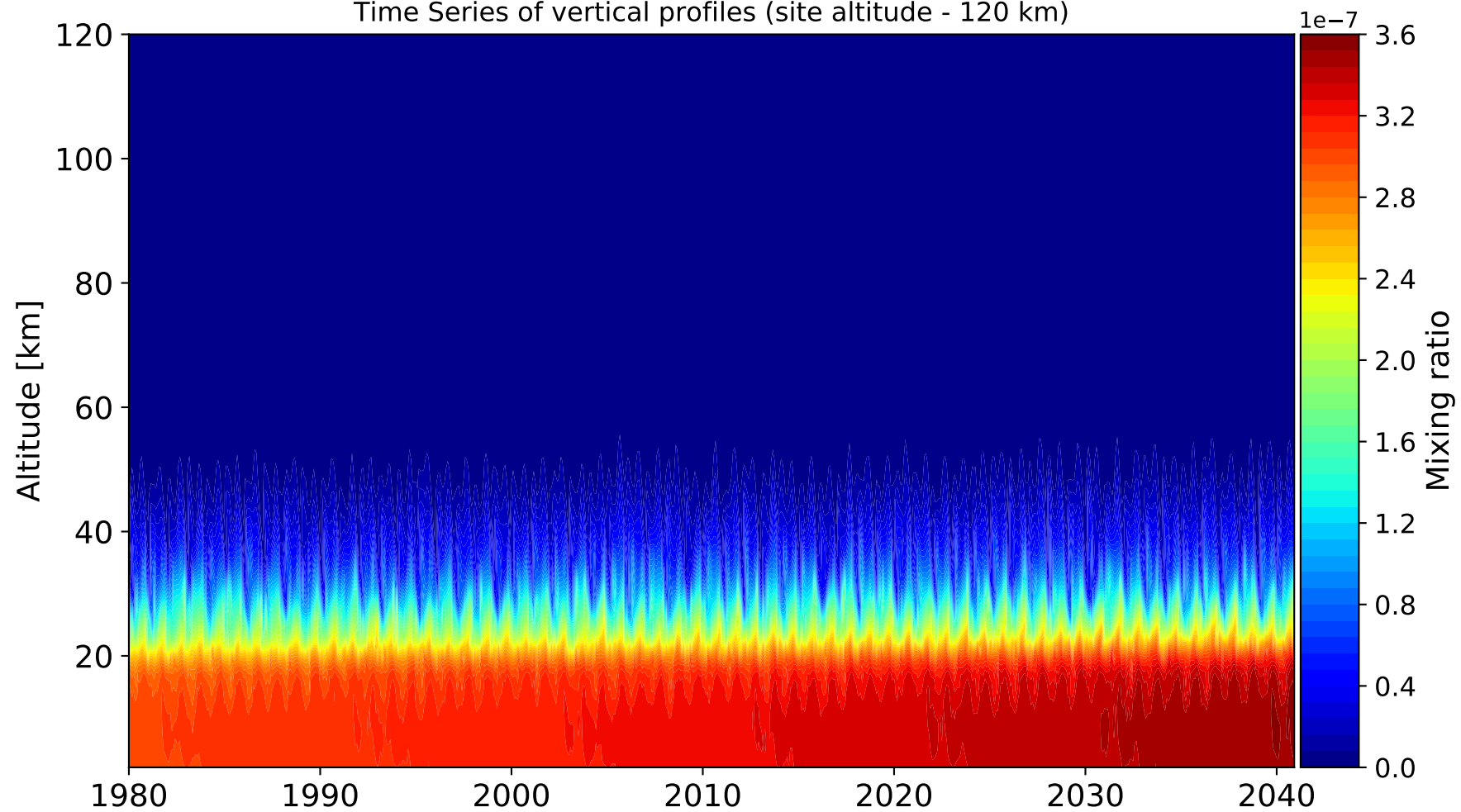
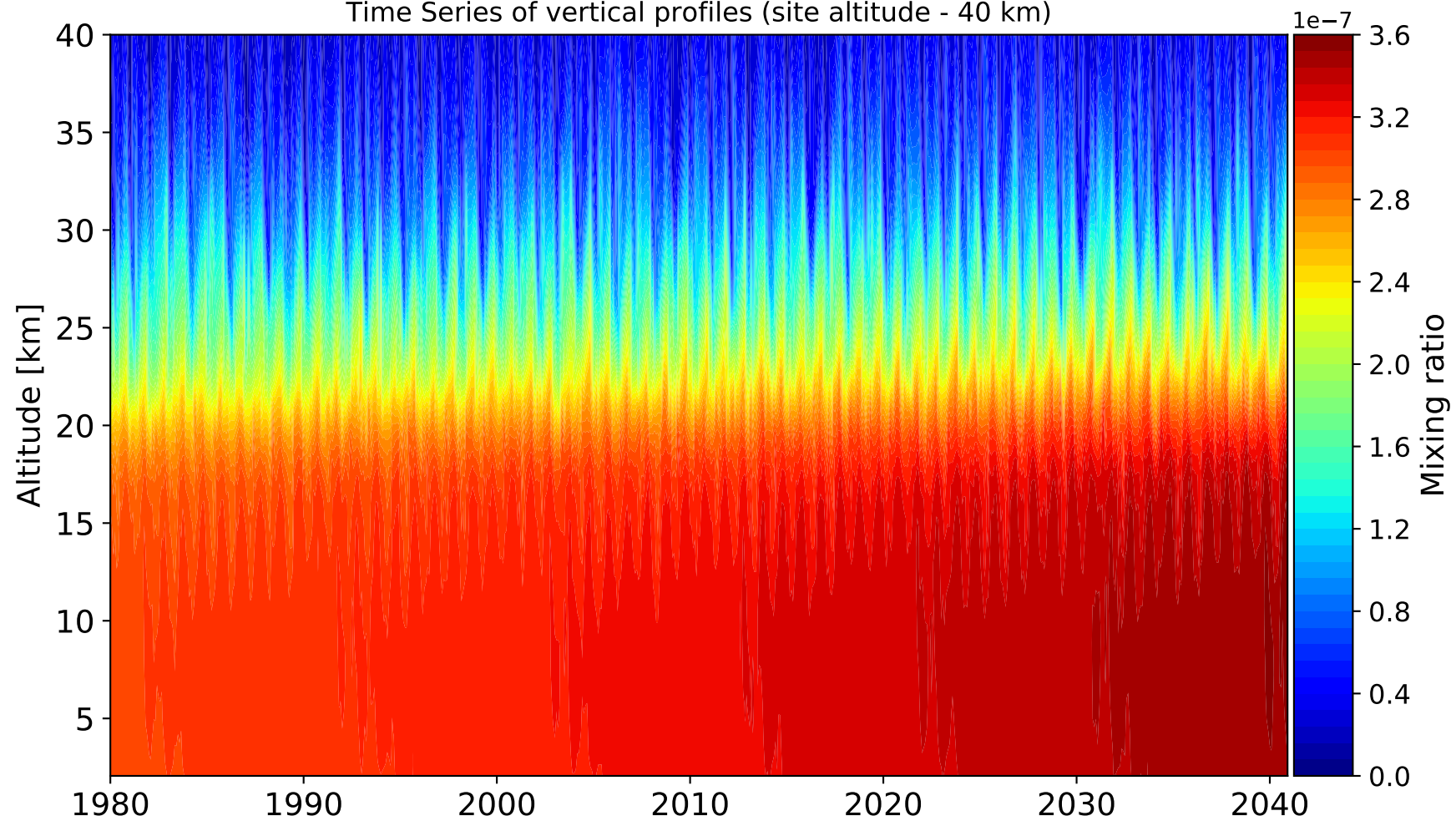


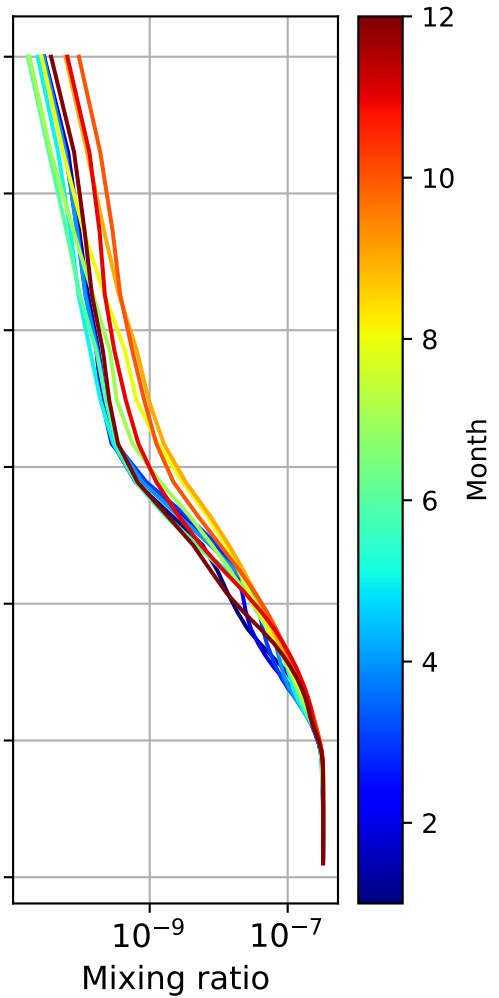
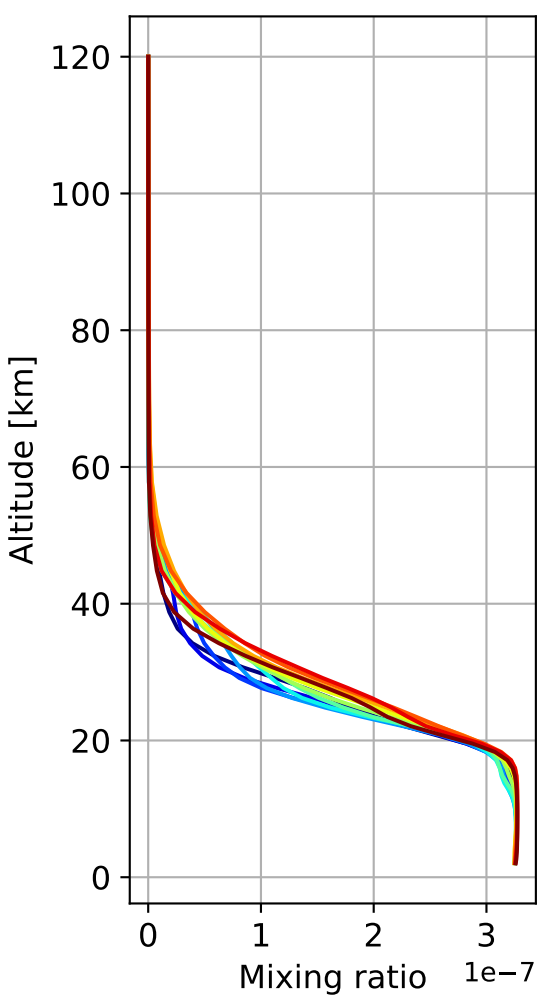
Time Series of vertical profiles (site altitude - 120 km)



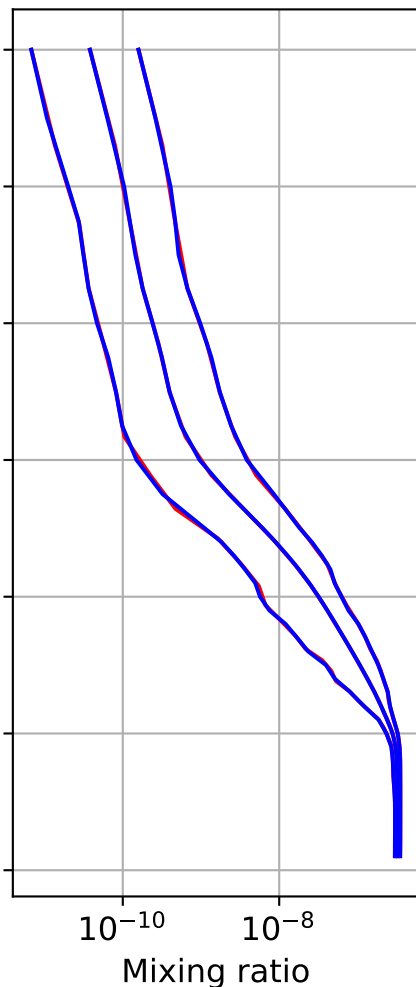
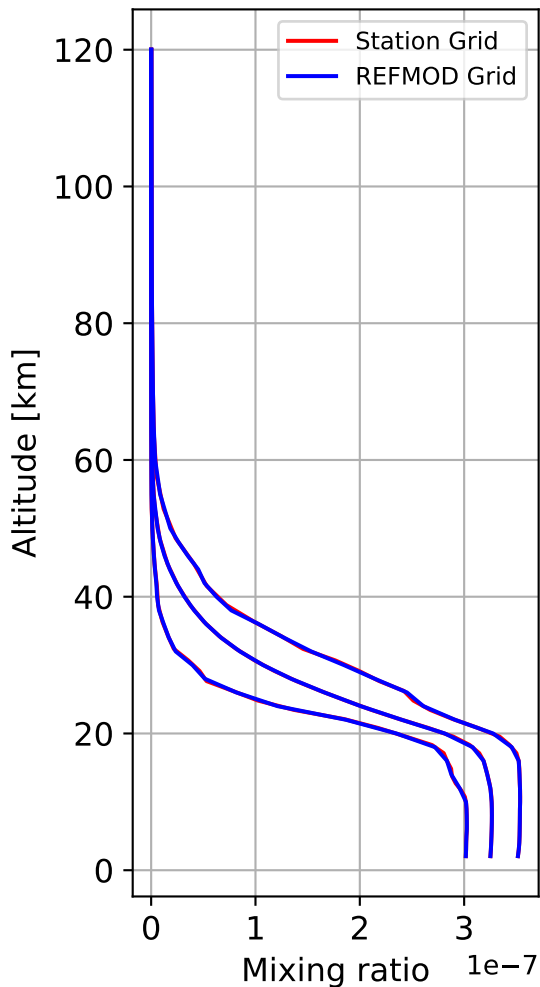
Time Series of vertical profiles (site altitude - 40 km)



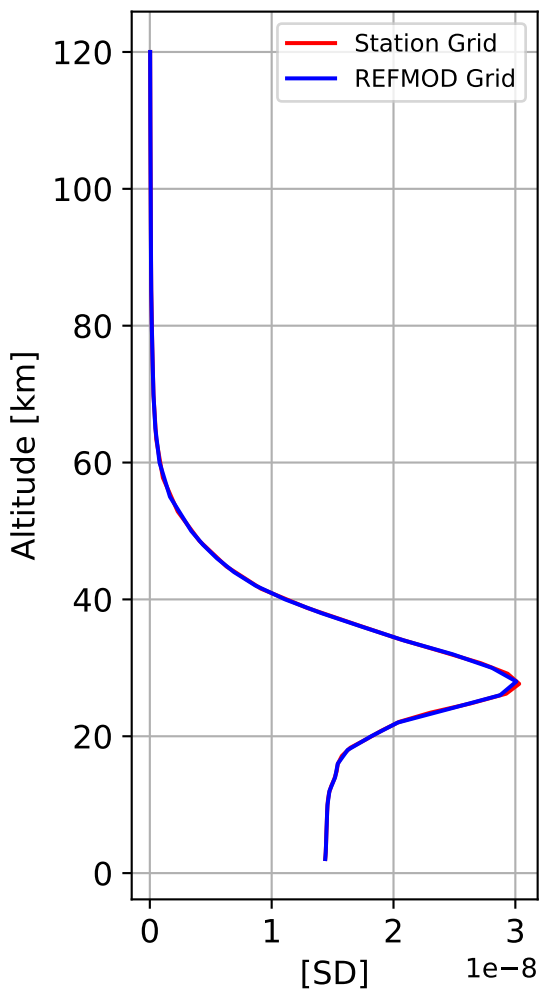
# Monthly mean WACCM profile (interpolated to station grid) Kitt\_Peak, 31.96N, 248.41E, 2.06kmasl



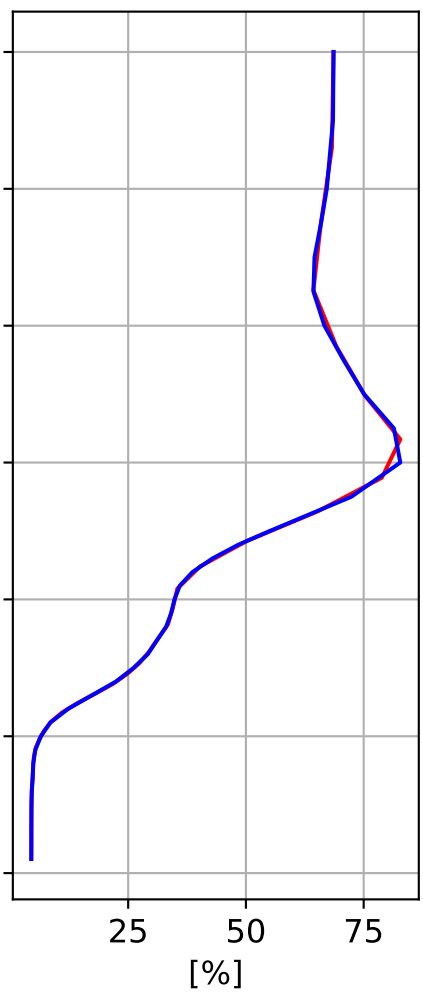
Min, Max, Mean of 732 profiles  
Kitt\_Peak, 31.96N, 248.41E, 2.06kmasl



### Std. Deviation



### Percent Deviation



Level covariance matrix

$1e-16$

Altitude [km]

120  
100  
80  
60  
40  
20

20 40 60 80 100 120

Altitude [km]

Mixing ratio[ $\sim 2$ ]

9  
8  
7  
6  
5  
4  
3  
2  
1  
0

