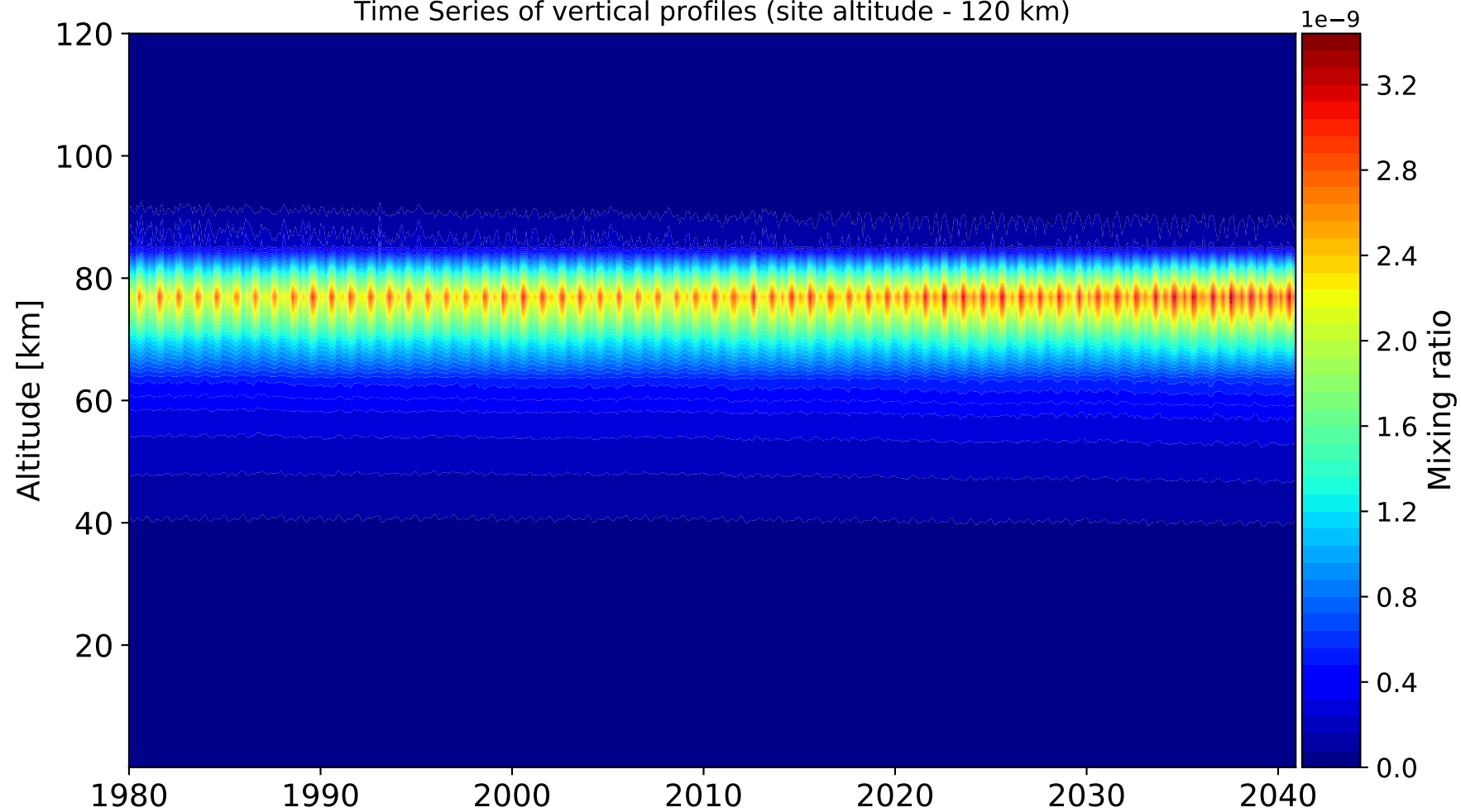
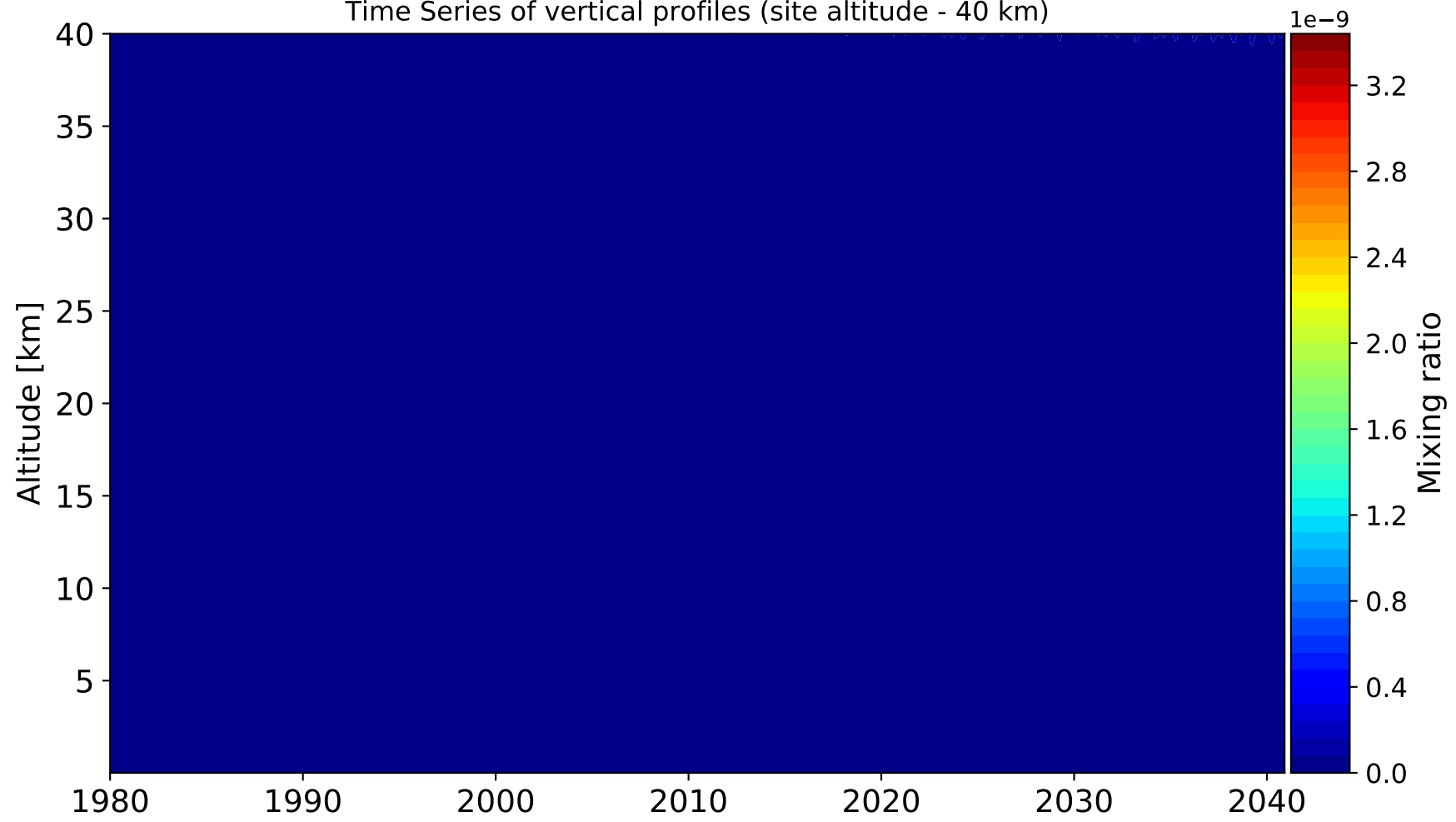


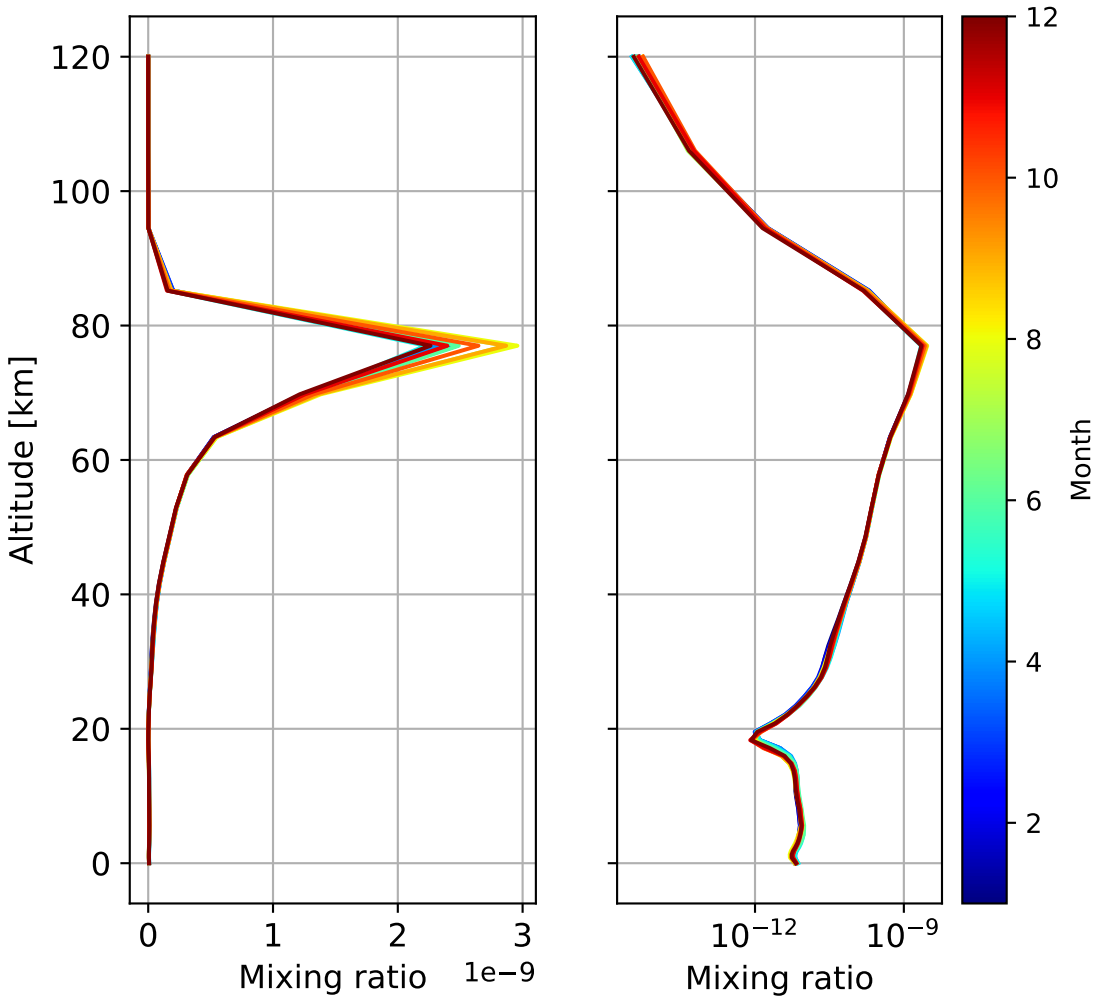
Time Series of vertical profiles (site altitude - 120 km)



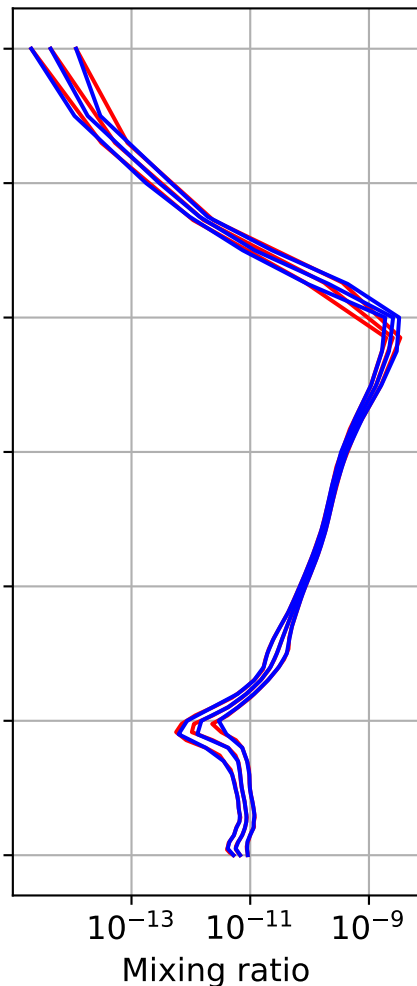
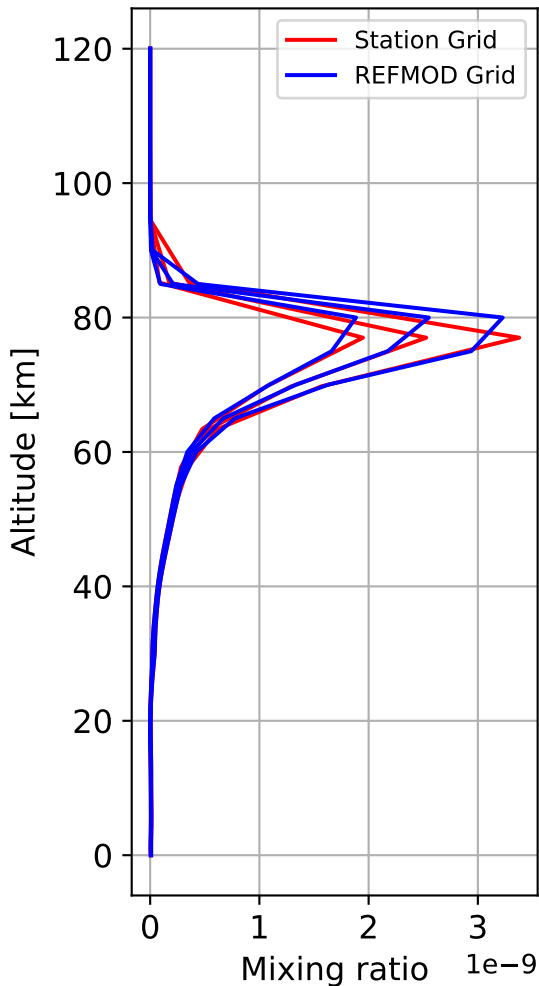
Time Series of vertical profiles (site altitude - 40 km)



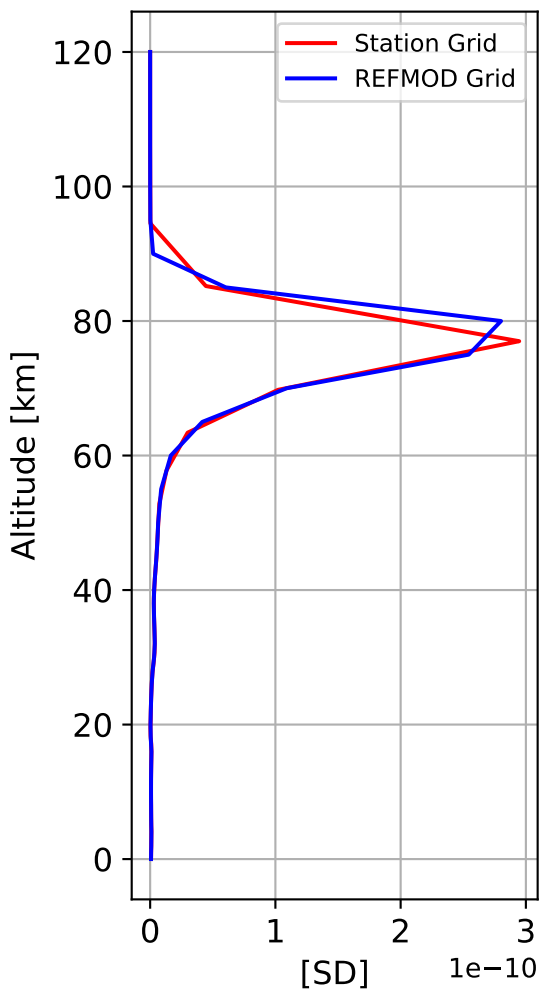
# Monthly mean WACCM profile (interpolated to station grid) Palau, 7.342N, 134.4273E, 0.01kmasl



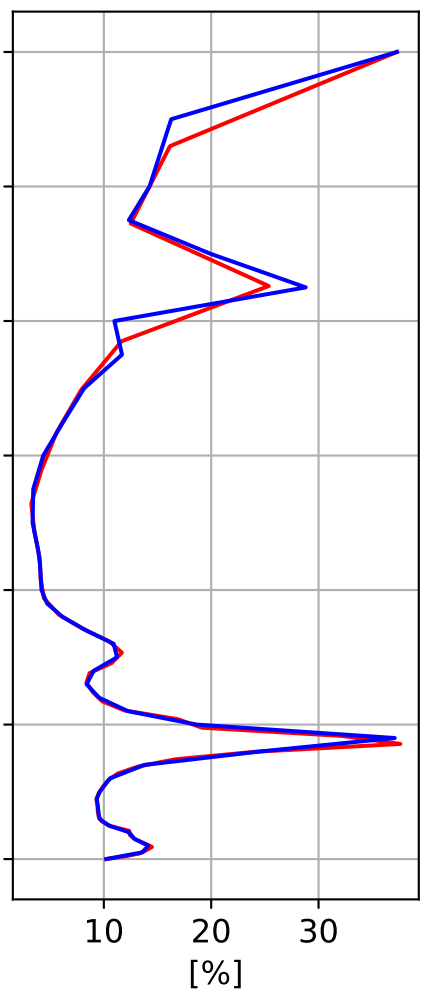
Min, Max, Mean of 732 profiles  
Palau, 7.342N, 134.4273E, 0.01kmasl



### Std. Deviation



### Percent Deviation

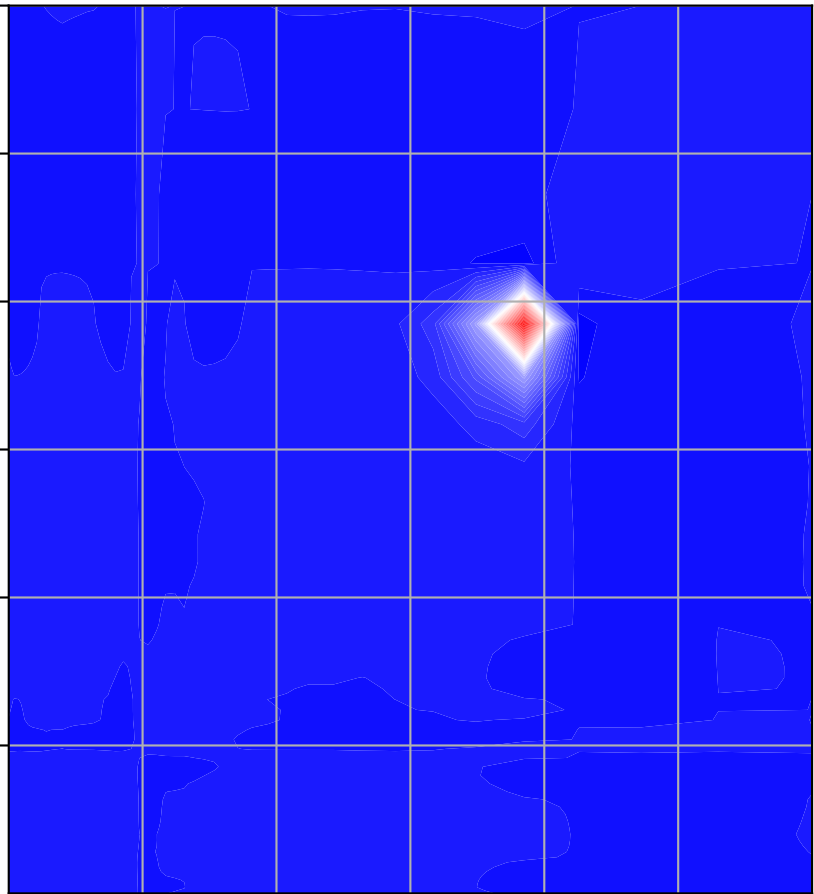


# Level covariance matrix

1e-20

Altitude [km]

120  
100  
80  
60  
40  
20



Altitude [km]

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

8  
7  
6  
5  
4  
3  
2  
1  
0