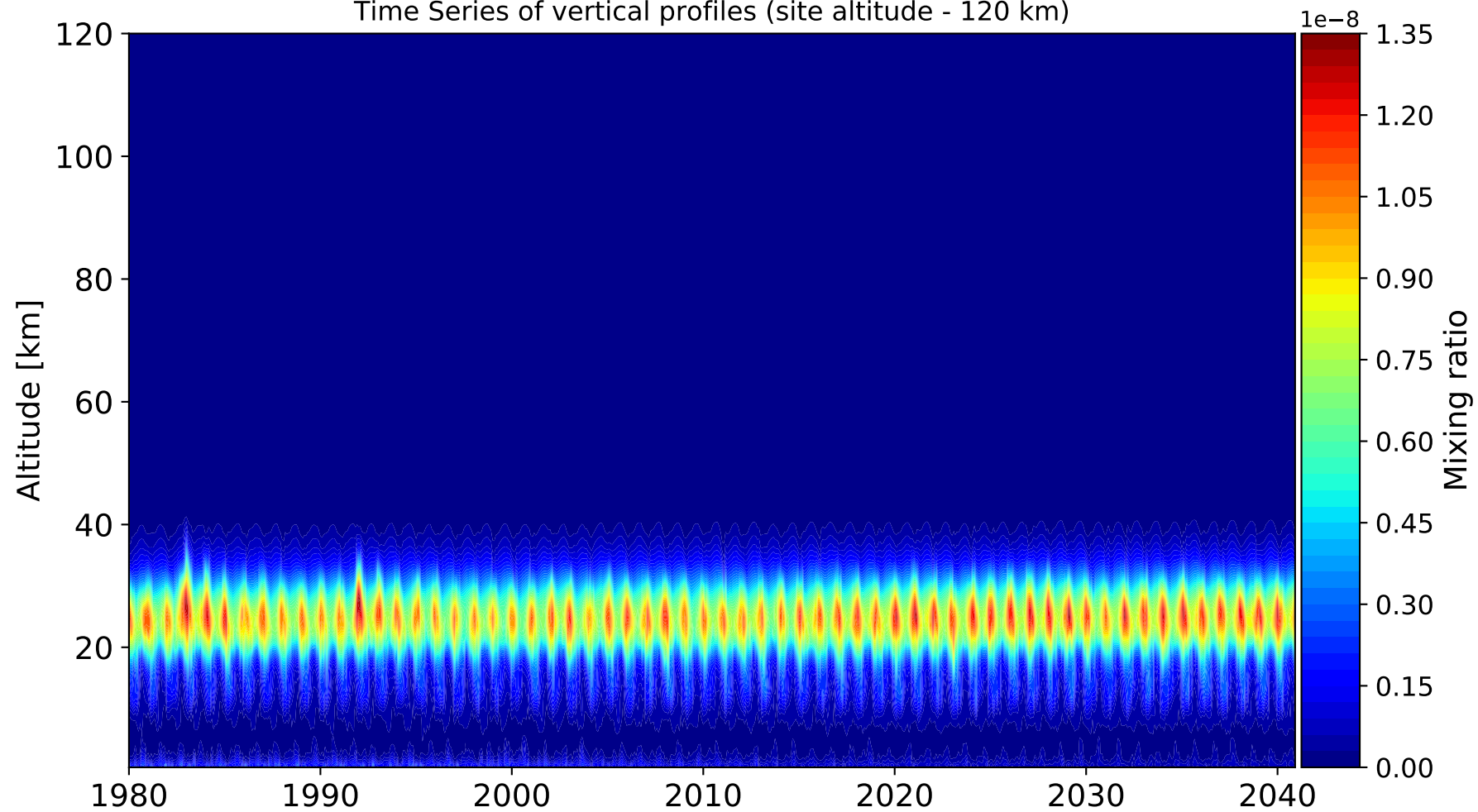
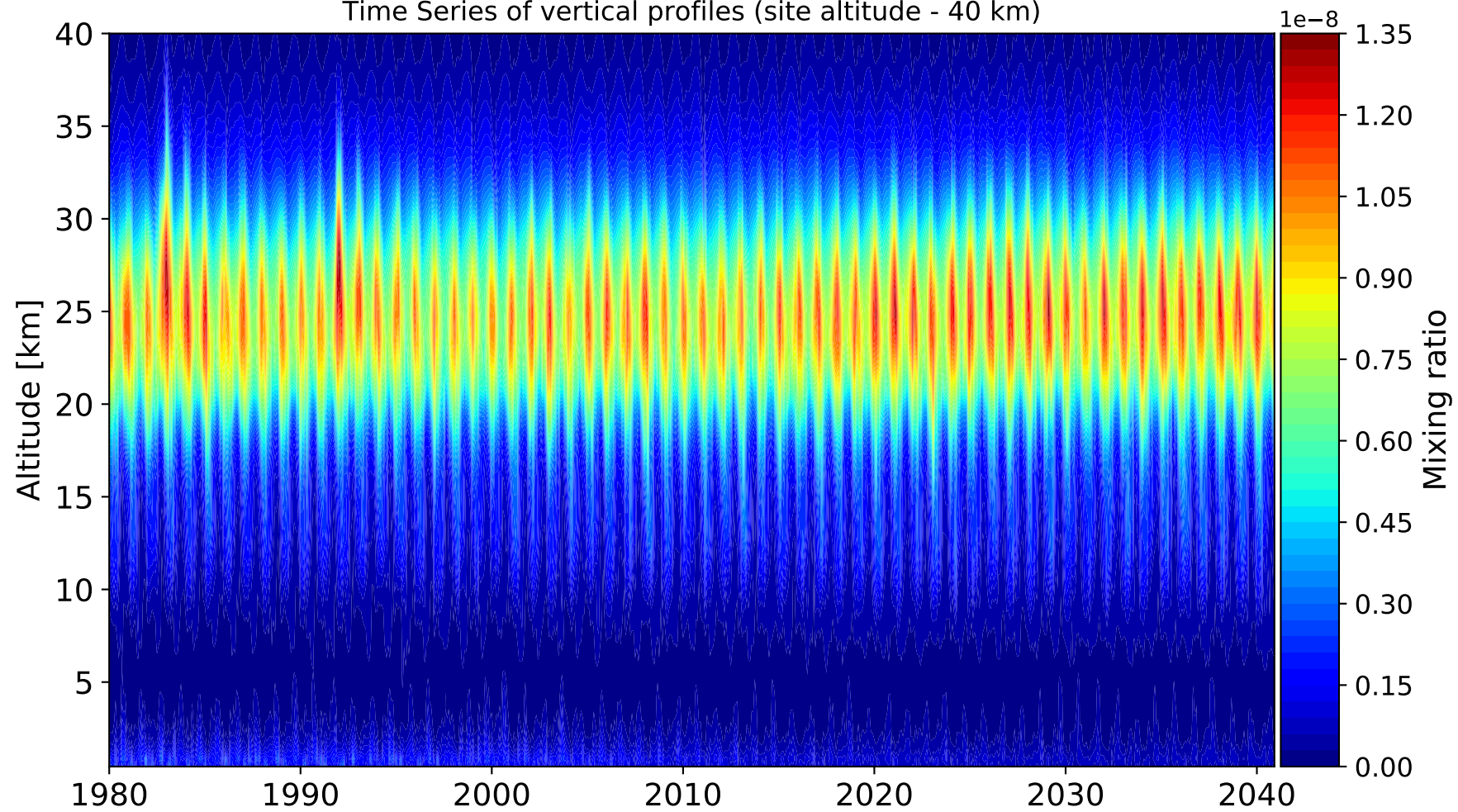


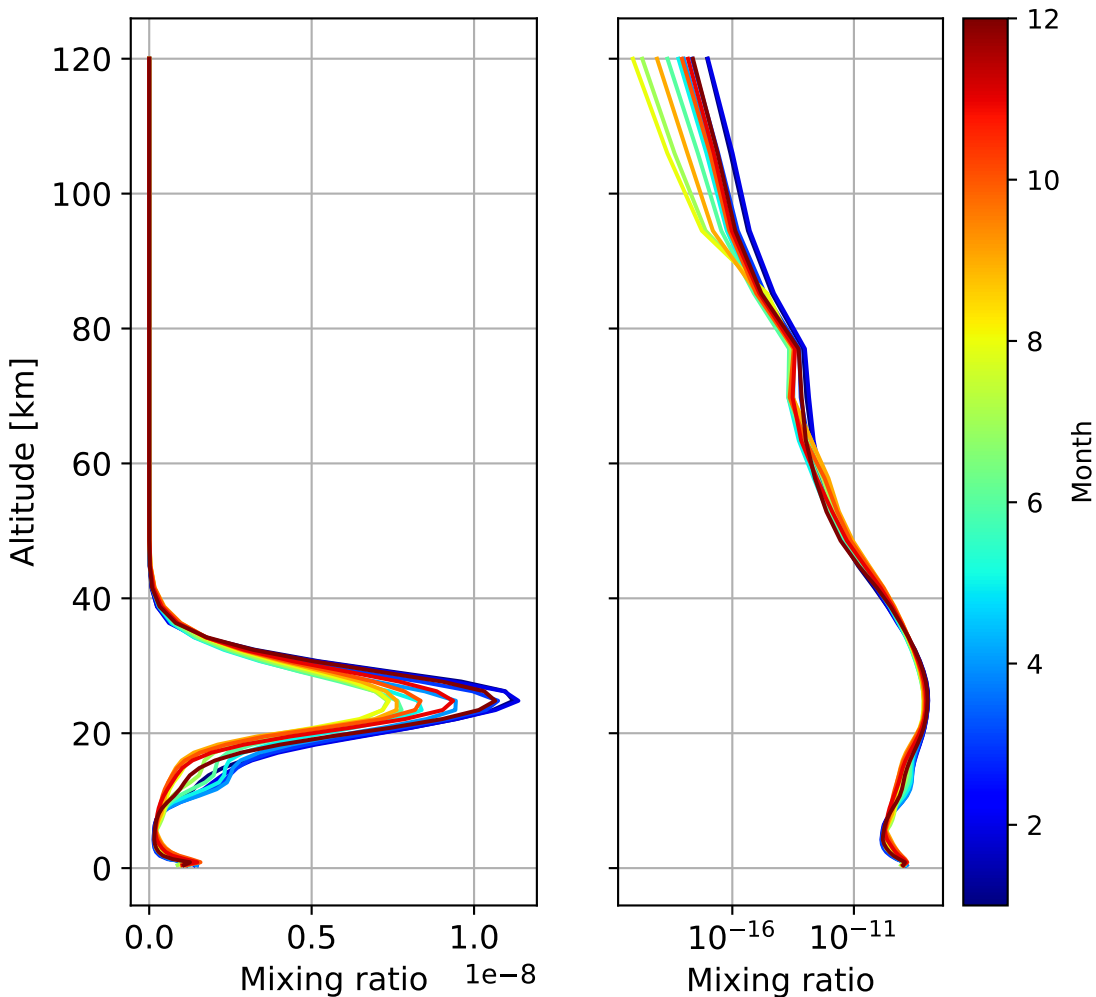
Time Series of vertical profiles (site altitude - 120 km)



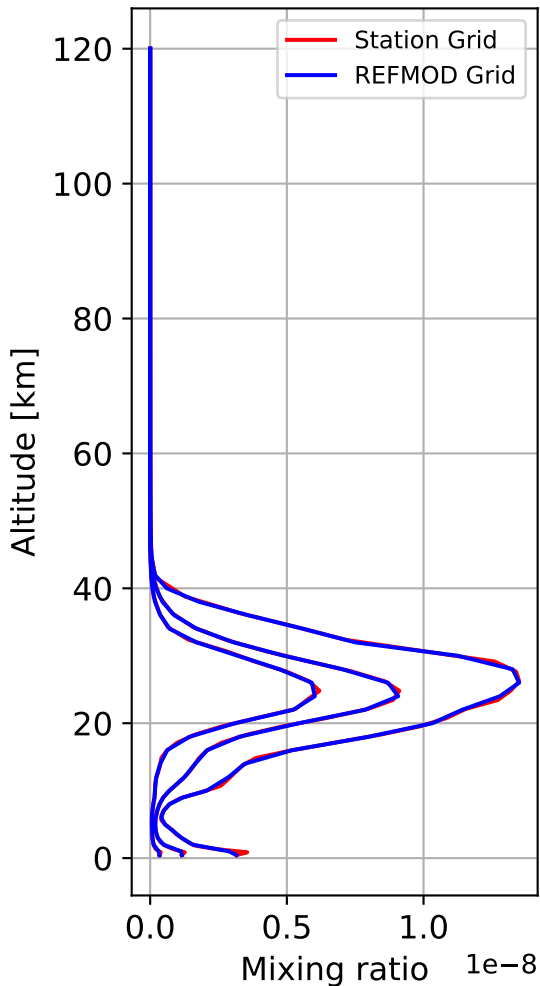
Time Series of vertical profiles (site altitude - 40 km)



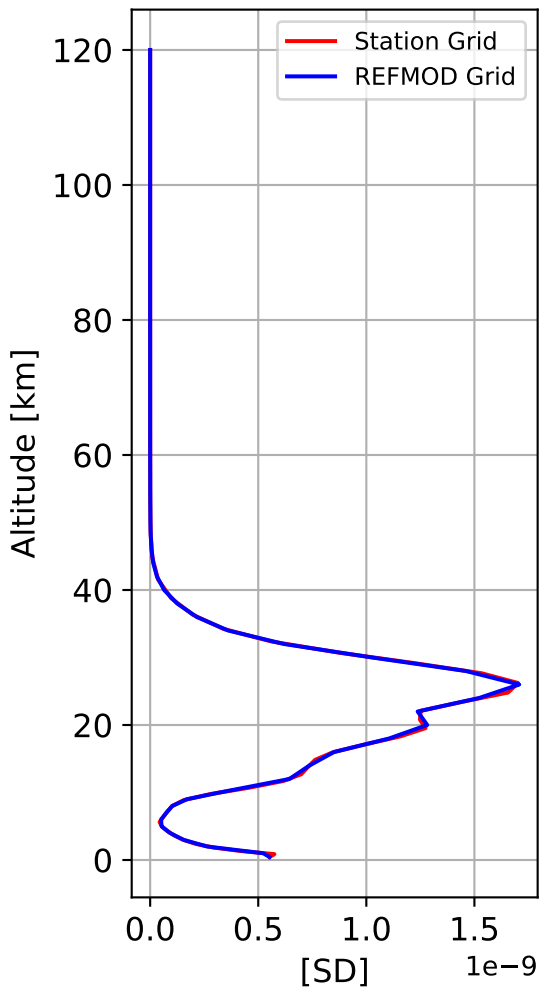
Monthly mean WACCM profile (interpolated to station grid)  
Park\_Falls, 45.945N, 269.727E, 0.442kmasl



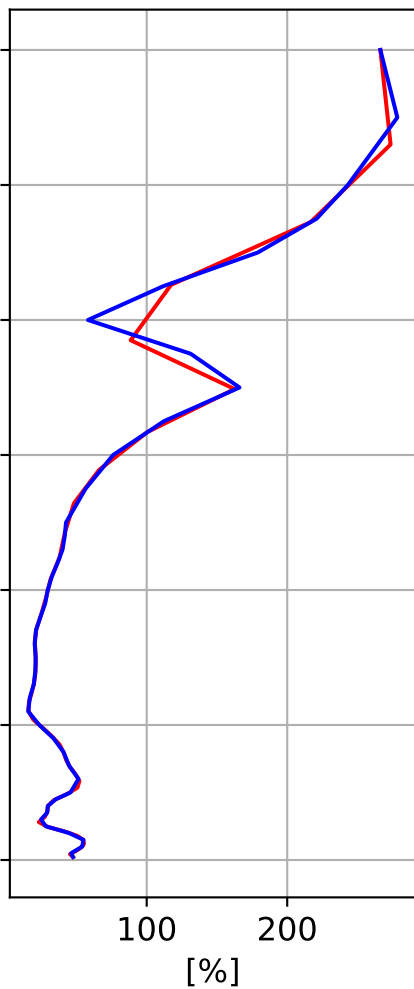
Min, Max, Mean of 732 profiles  
Park\_Falls, 45.945N, 269.727E, 0.442kmasl



Std. Deviation



Percent Deviation

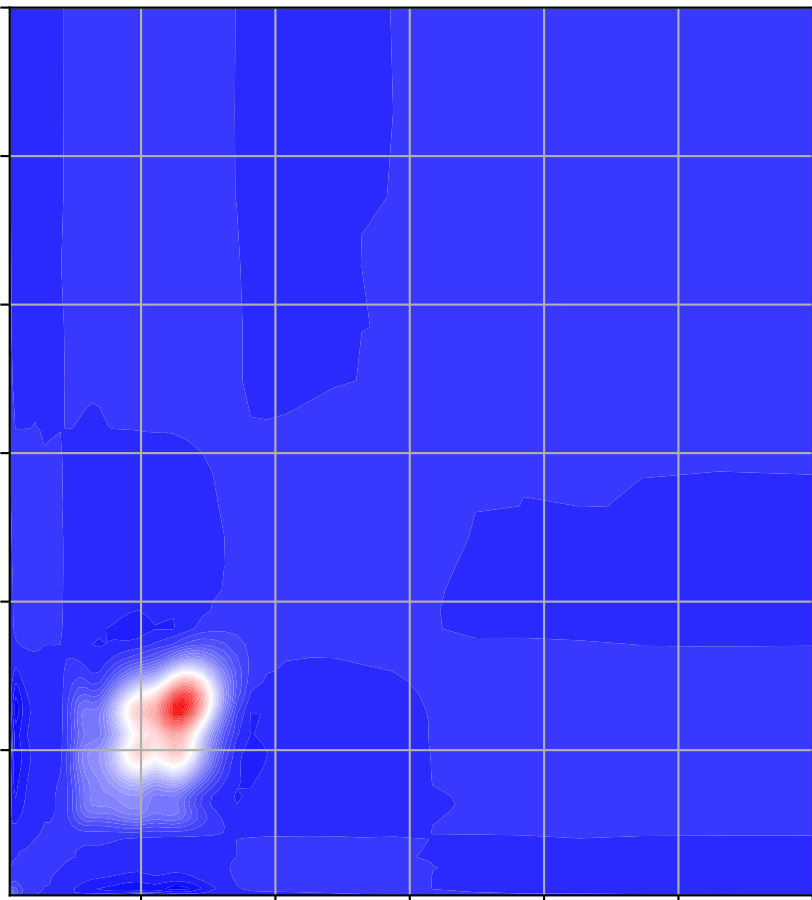


# Level covariance matrix

1e-18

Altitude [km]

120  
100  
80  
60  
40  
20



Mixing ratio<sup>2</sup>

2.8  
2.4  
2.0  
1.6  
1.2  
0.8  
0.4  
0.0

Altitude [km]