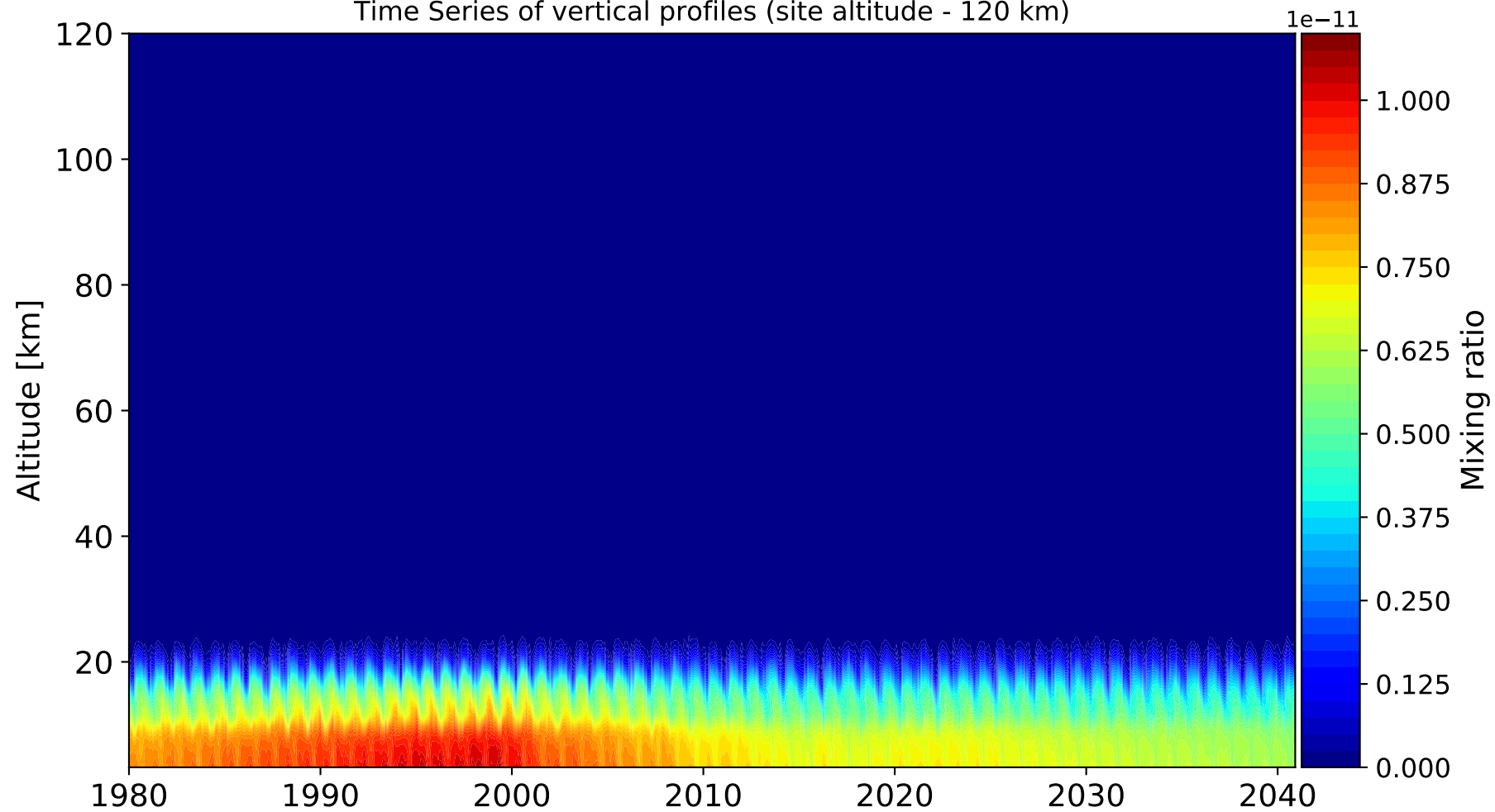
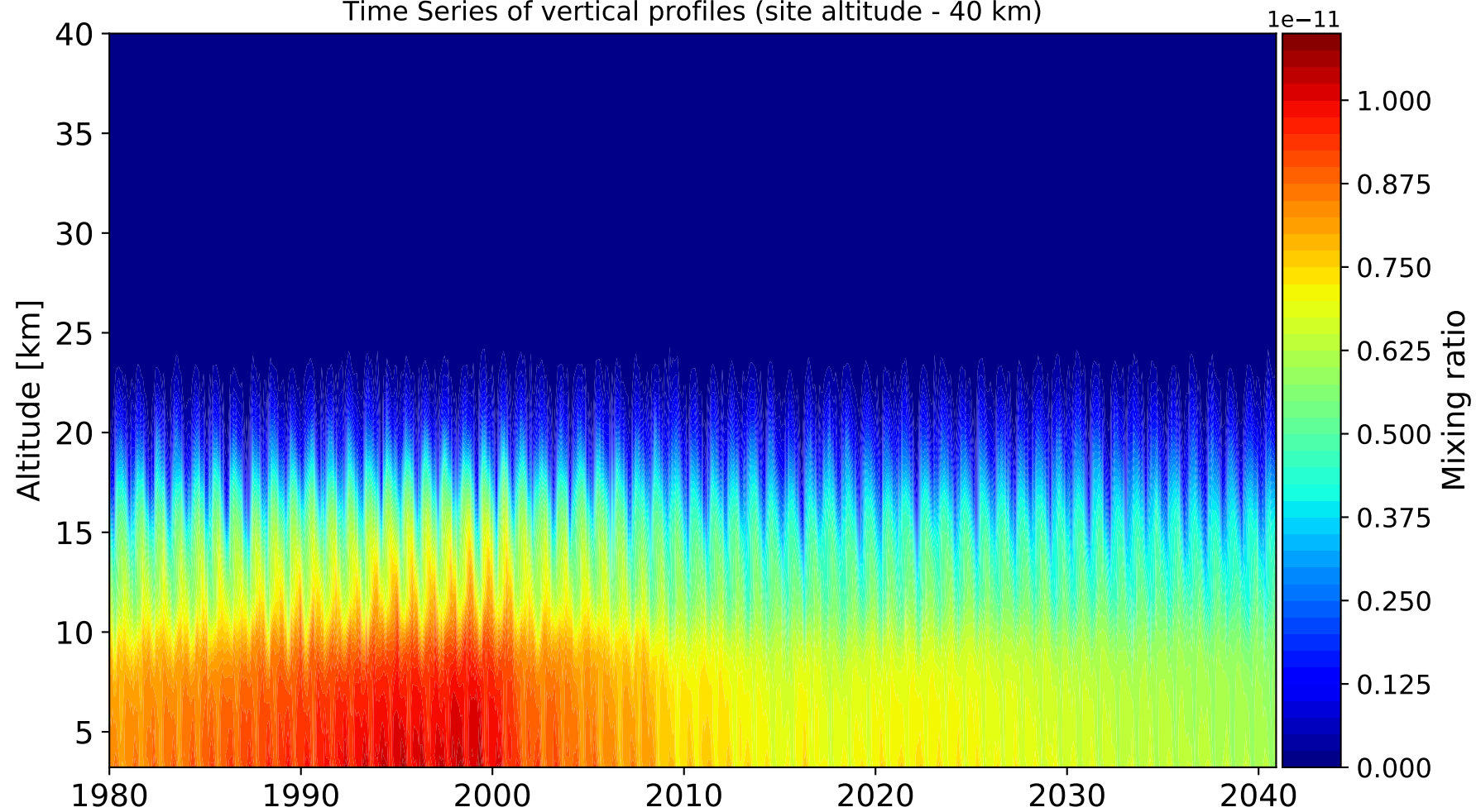


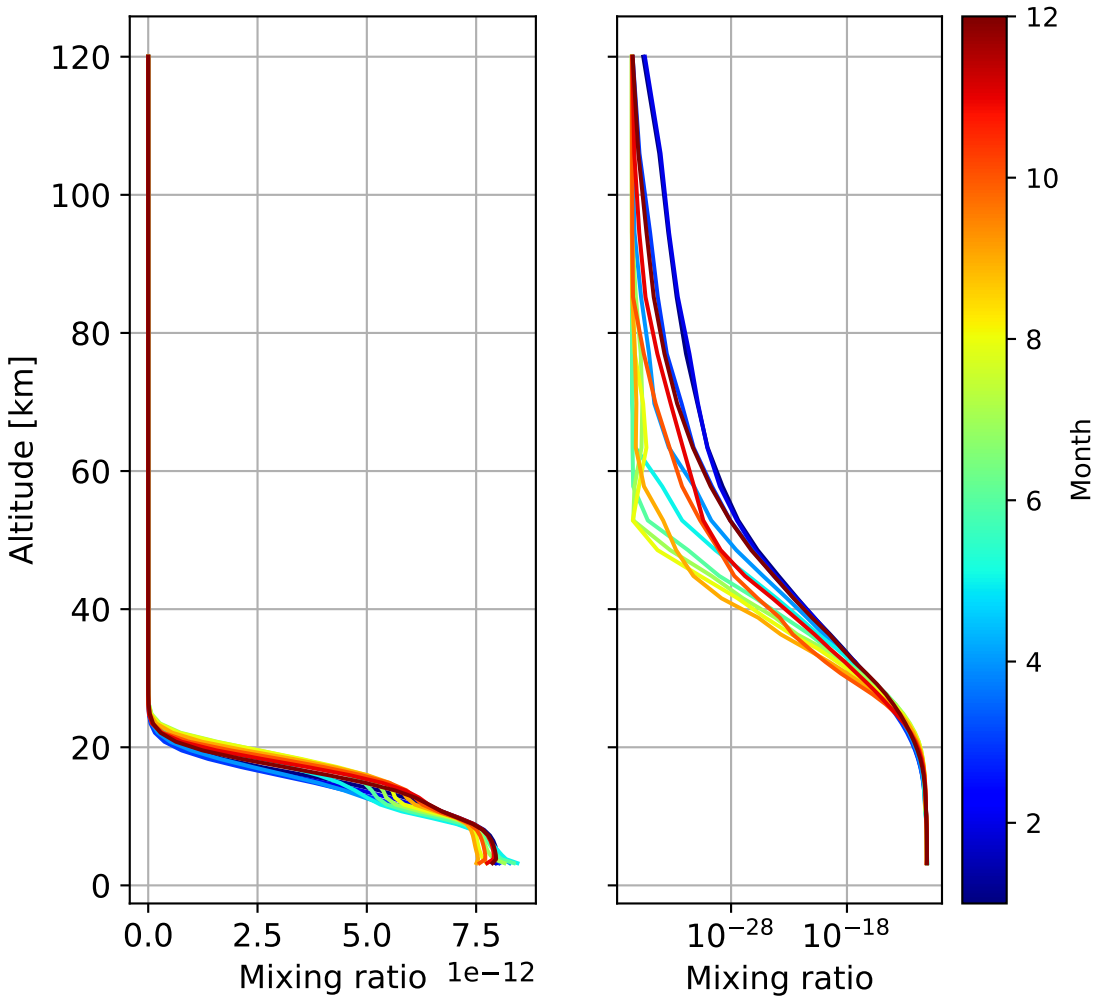
Time Series of vertical profiles (site altitude - 120 km)



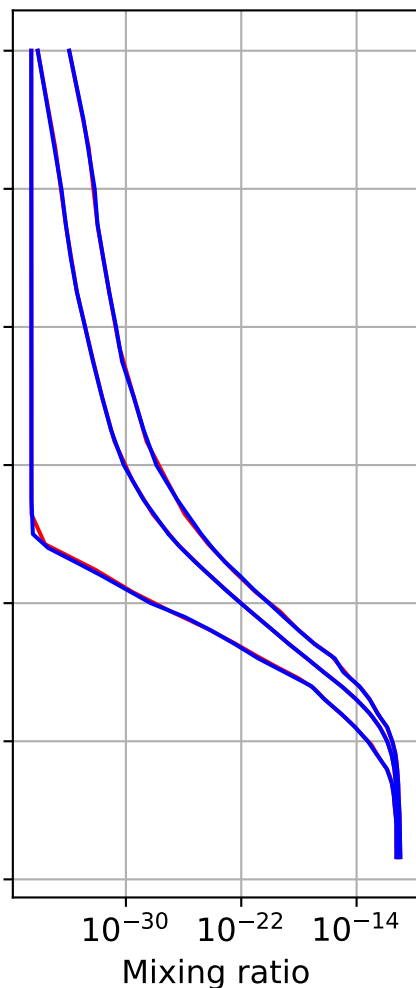
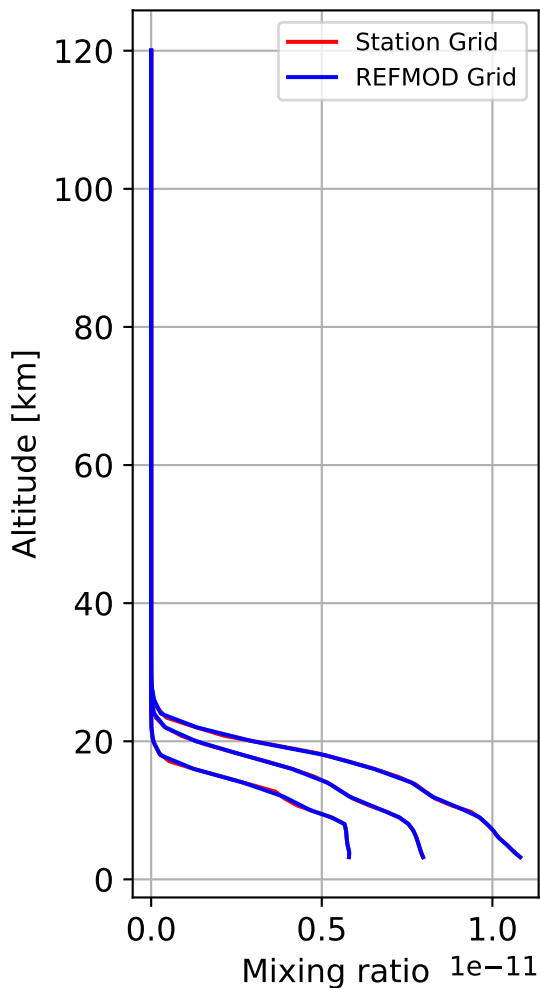
Time Series of vertical profiles (site altitude - 40 km)



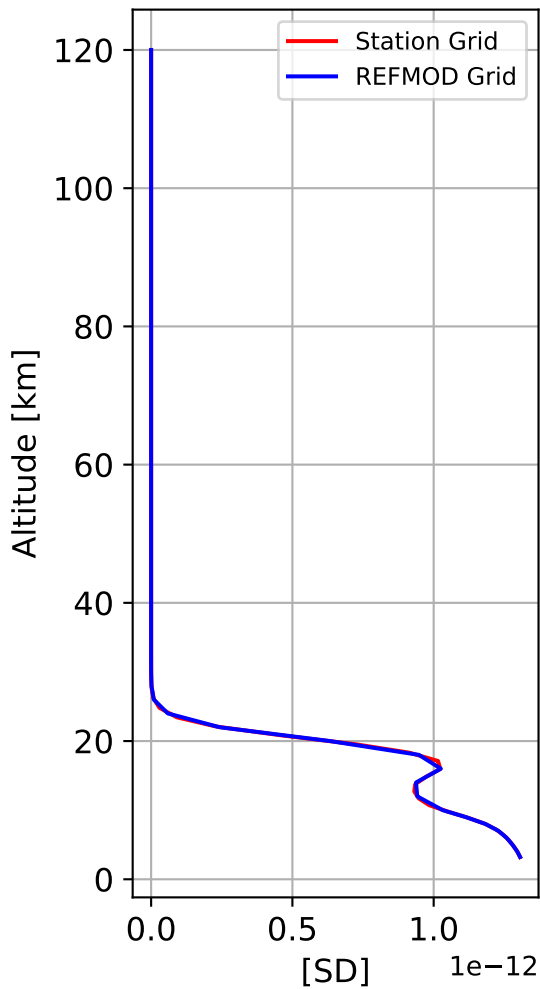
# Monthly mean WACCM profile (interpolated to station grid) Summit, 72.5796N, 321.5408E, 3.22kmasl



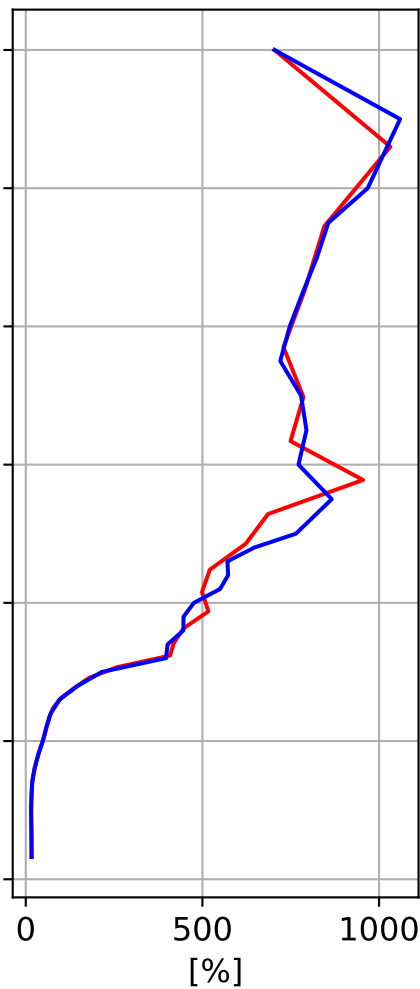
Min, Max, Mean of 732 profiles  
Summit, 72.5796N, 321.5408E, 3.22kmasl



Std. Deviation



Percent Deviation

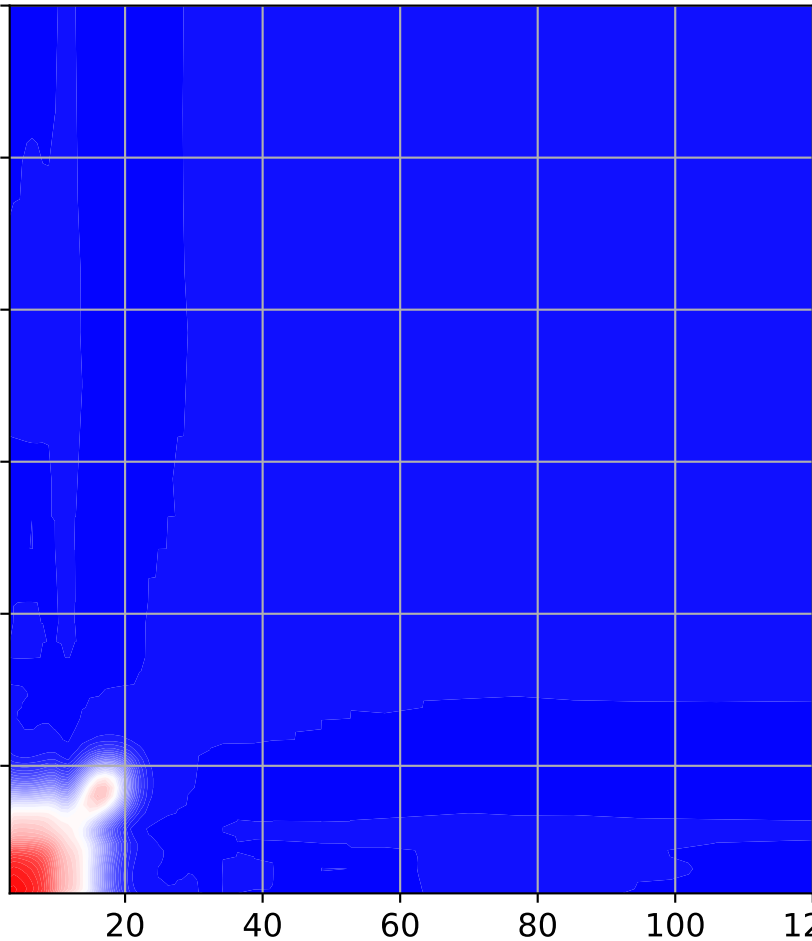


# Level covariance matrix

$1e-24$

Altitude [km]

120  
100  
80  
60  
40  
20



Mixing ratio<sup>2</sup>

1.6  
1.4  
1.2  
1.0  
0.8  
0.6  
0.4  
0.2  
0.0

Altitude [km]