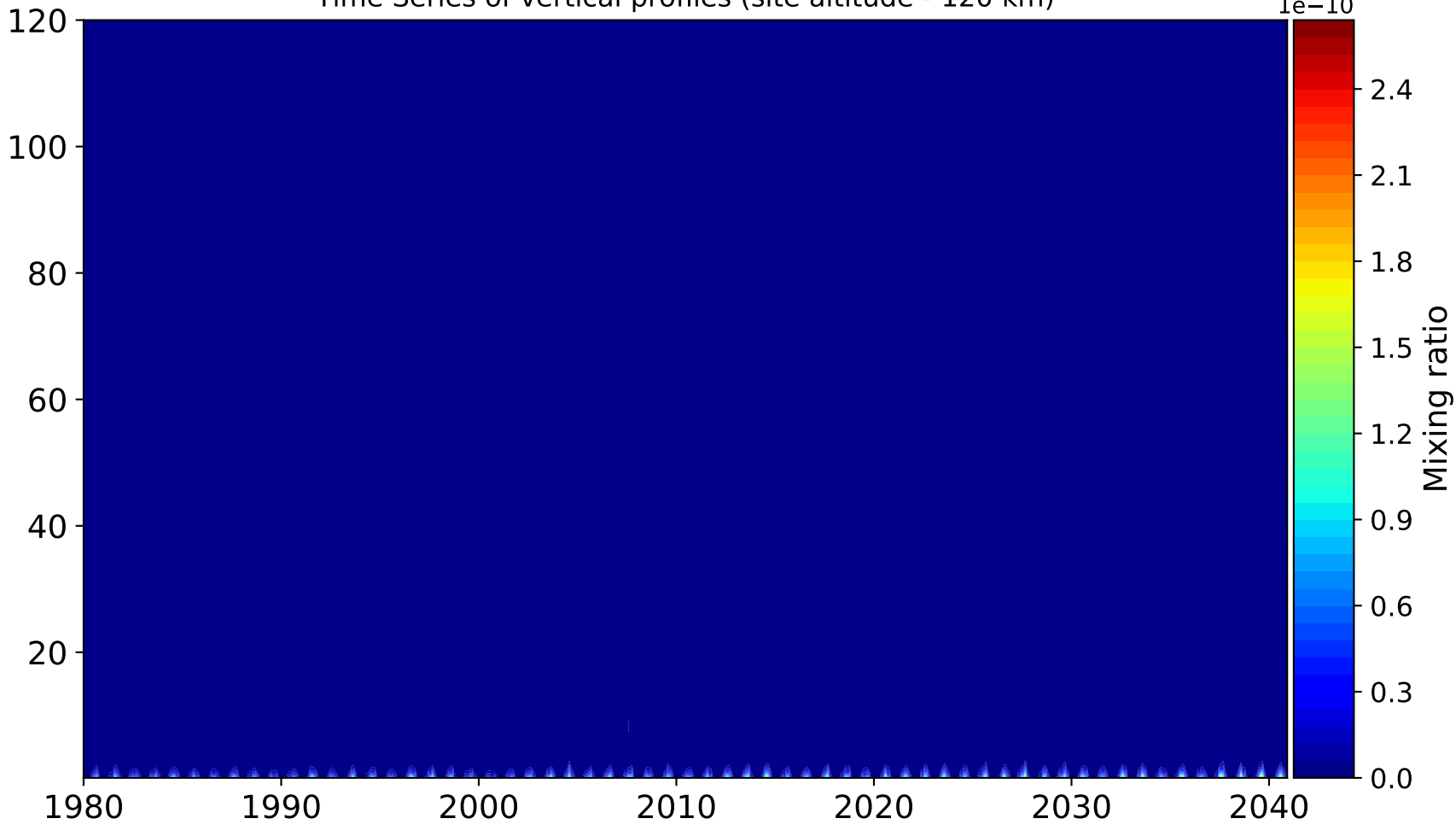


Time Series of vertical profiles (site altitude - 120 km)

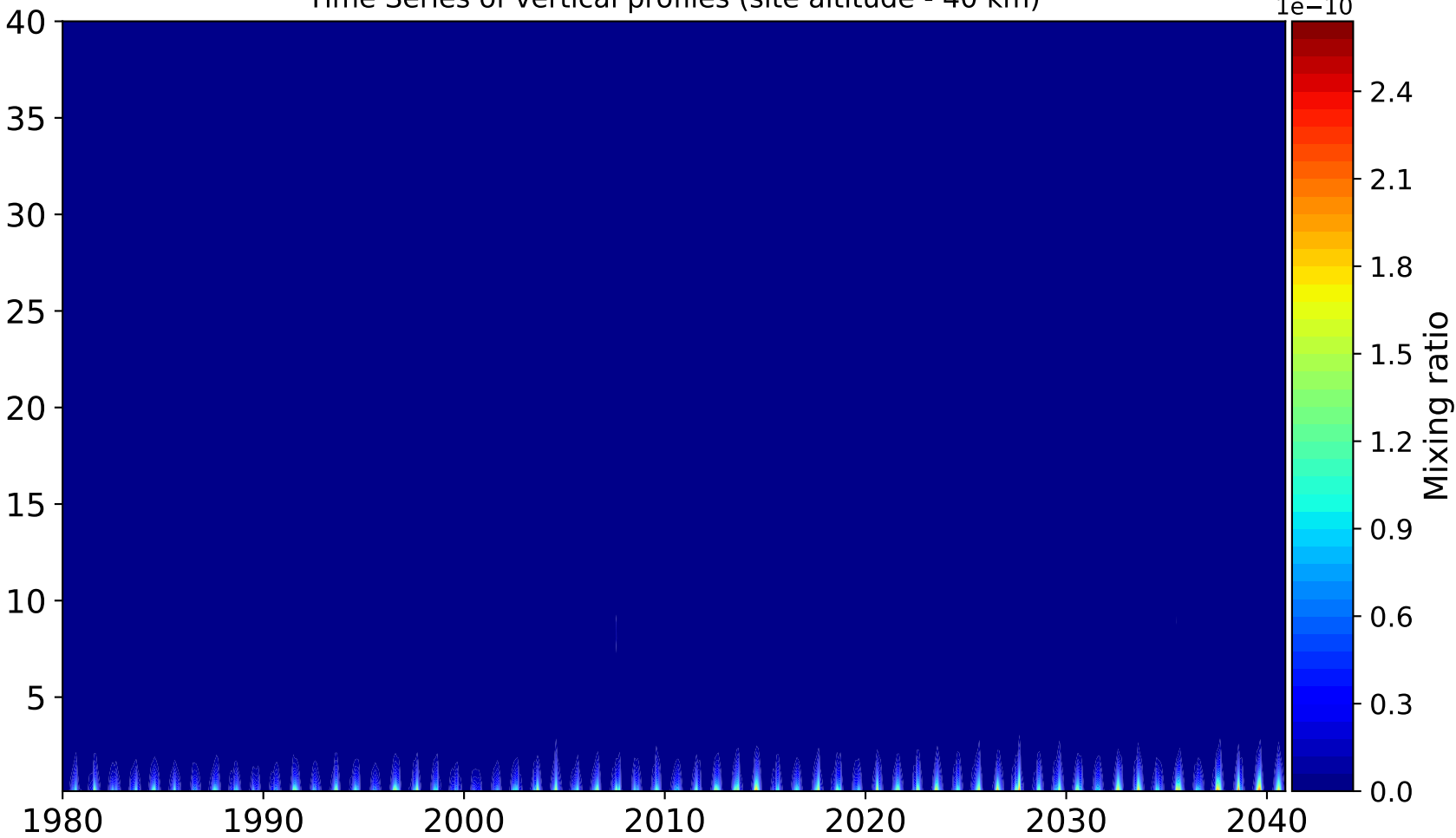
Altitude [km]



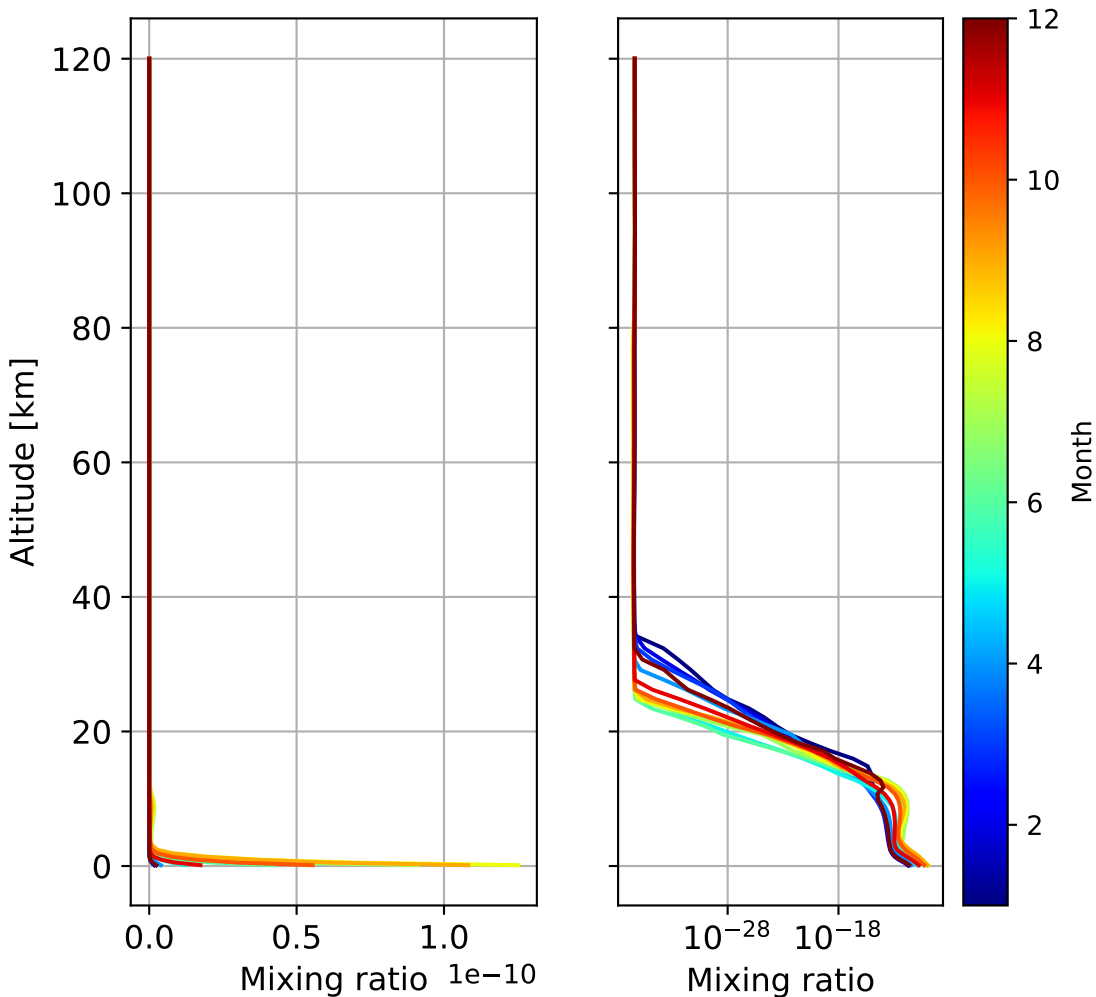
Time Series of vertical profiles (site altitude - 40 km)

1e-10

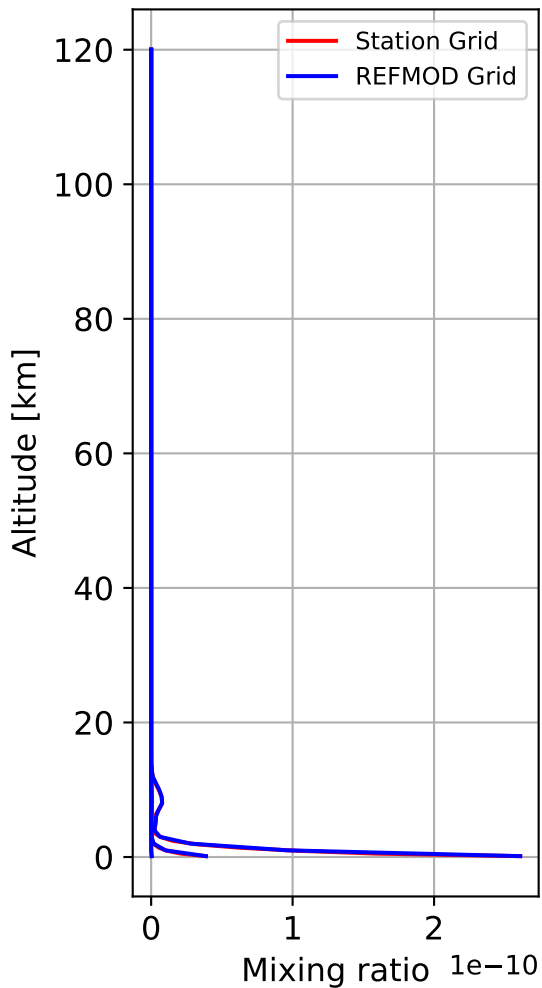
Altitude [km]



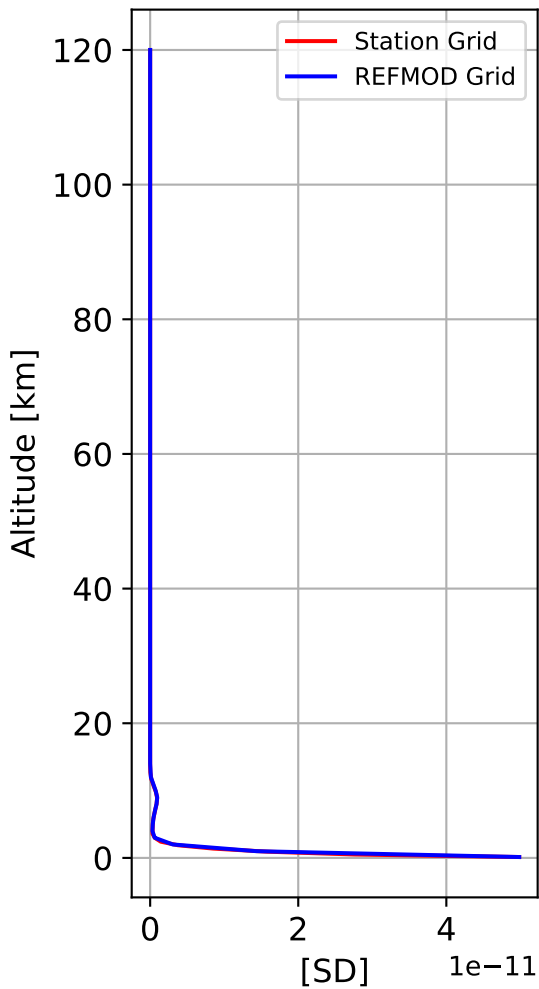
Monthly mean WACCM profile (interpolated to station grid)  
Orleans, 47.965N, 2.113E, 0.132kmasl



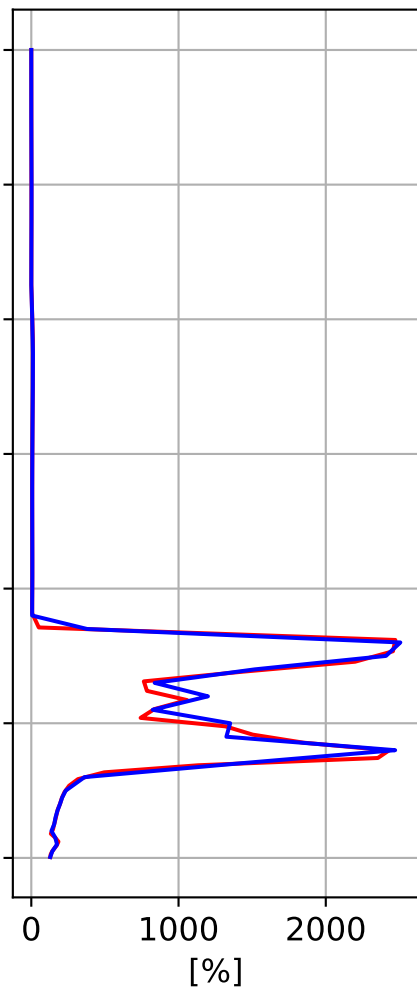
Min, Max, Mean of 732 profiles  
Orleans, 47.965N, 2.113E, 0.132kmasl



### Std. Deviation



### Percent Deviation



Level covariance matrix

 $1e-21$ 