



**Figure 4. Panel A: Six-year relative trend between microwave and lidar temperature profiles. Error bars correspond to the 1 sigma confidence interval. The microwave profiles consist of NCEP daily temperature to 10 hPa and monthly averaged JPL lidar temperatures above that.**  
**Panel B: Red curve - the microwave-lidar ozone trend per year as shown in the bottom left panel of figure 3. Blue curve - an estimate of the effect of the temperature trend on the six-year microwave ozone time series, plotted as equivalent trend per year.**