

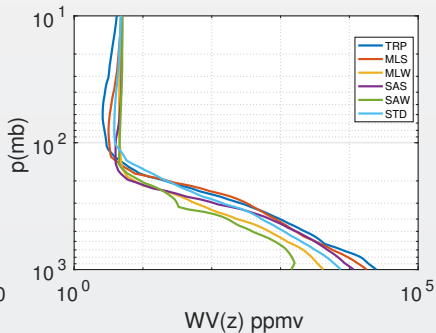
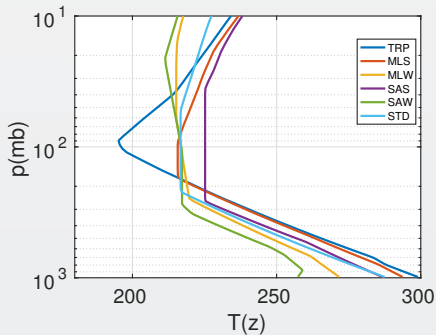
# SPECTRA

Sergio DeSouza-Machado

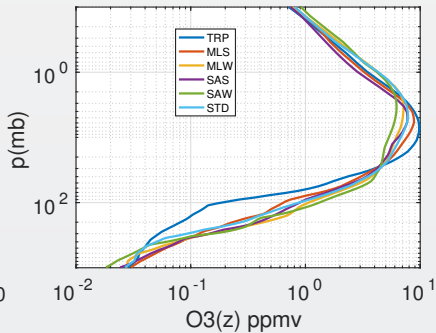
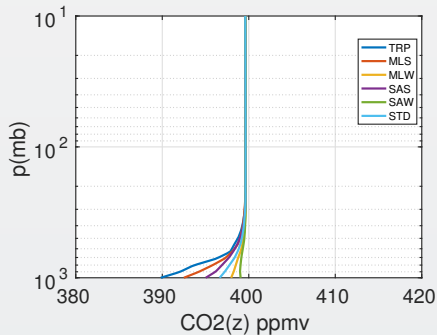
Department of Physics, JCET  
University of Maryland Baltimore County (UMBC)

April 26, 2018

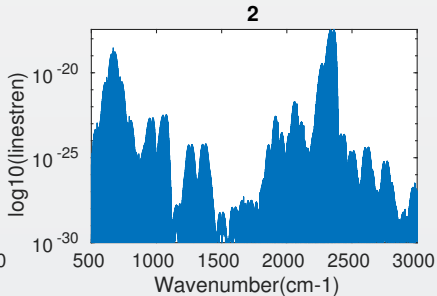
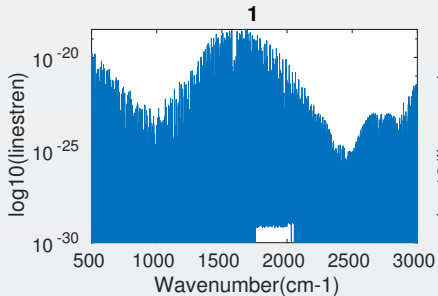
# Typical T,WV profiles



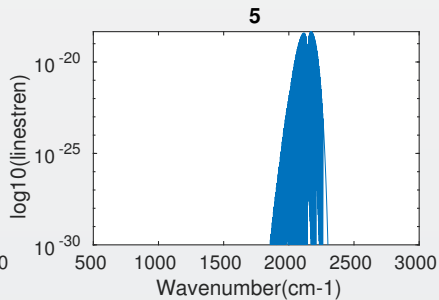
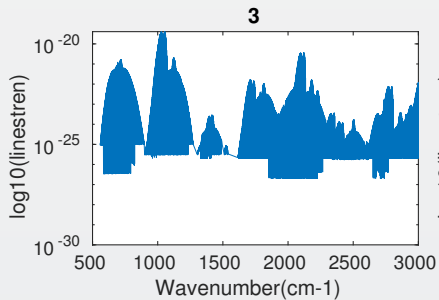
# Typical CO<sub>2</sub>,O<sub>3</sub> profiles



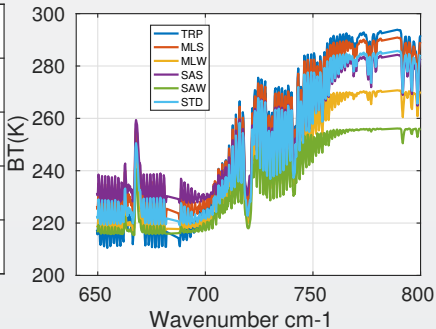
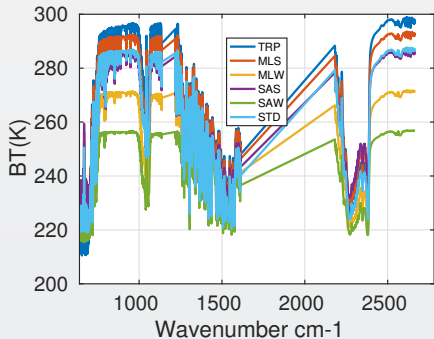
# WV and CO2



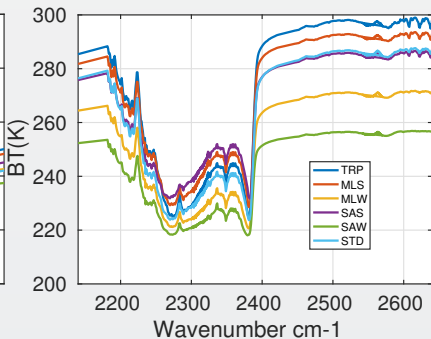
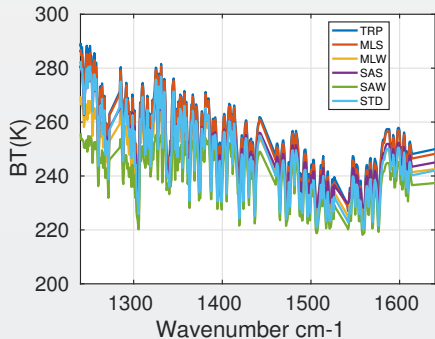
# O3 and CO



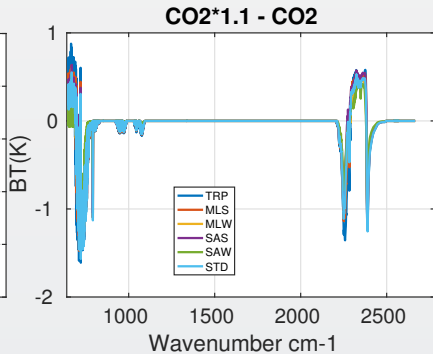
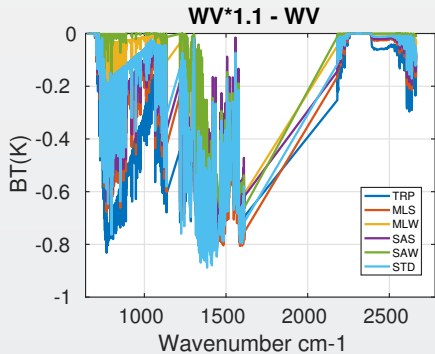
# Typical TOA nadir spectra



# Typical TOA nadir spectra



# Perturb gas by 1.1





# Perturb gas by 1.1

