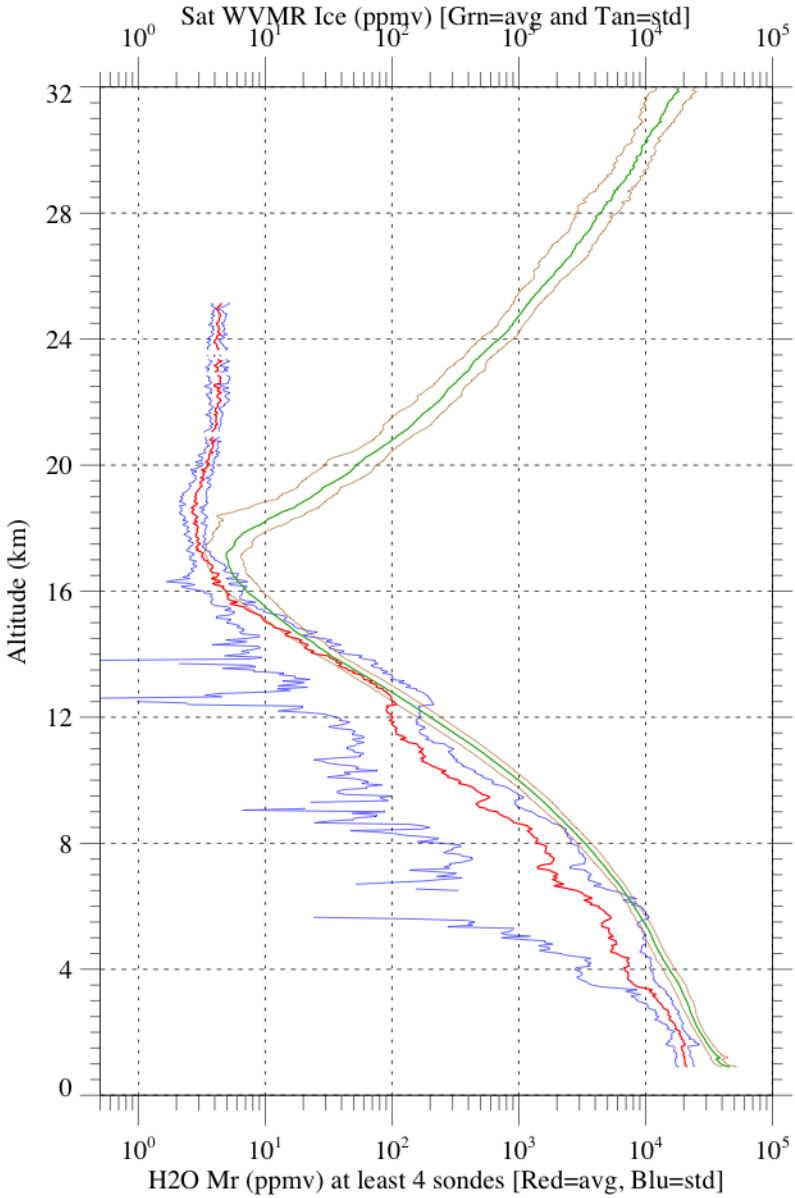H2O mr & Sat WVMR ice MAM 2005-2011