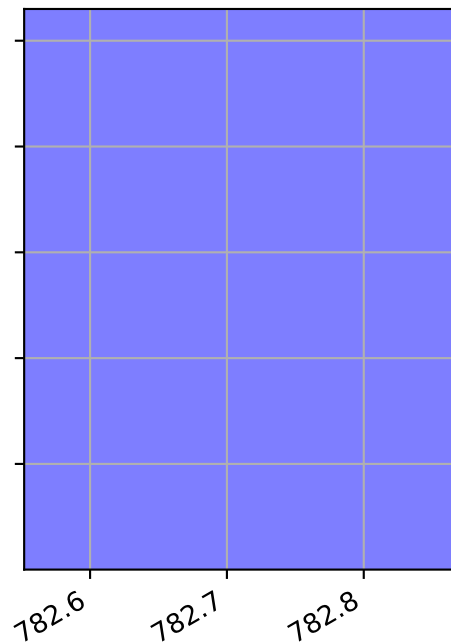
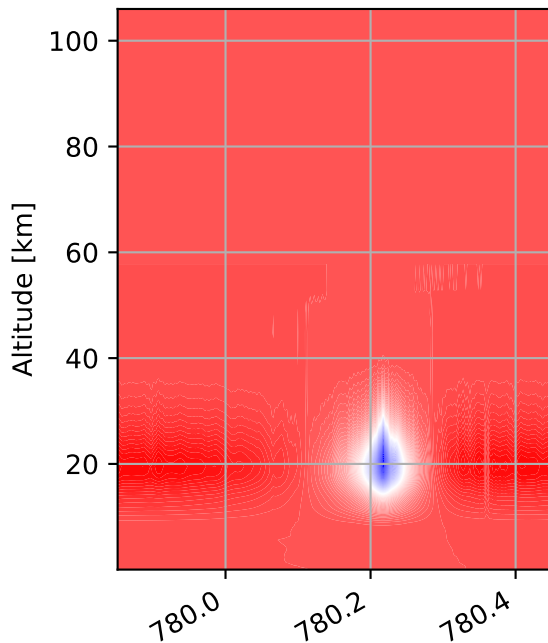
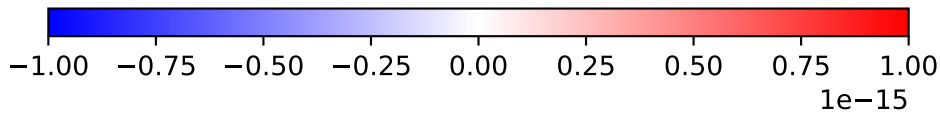
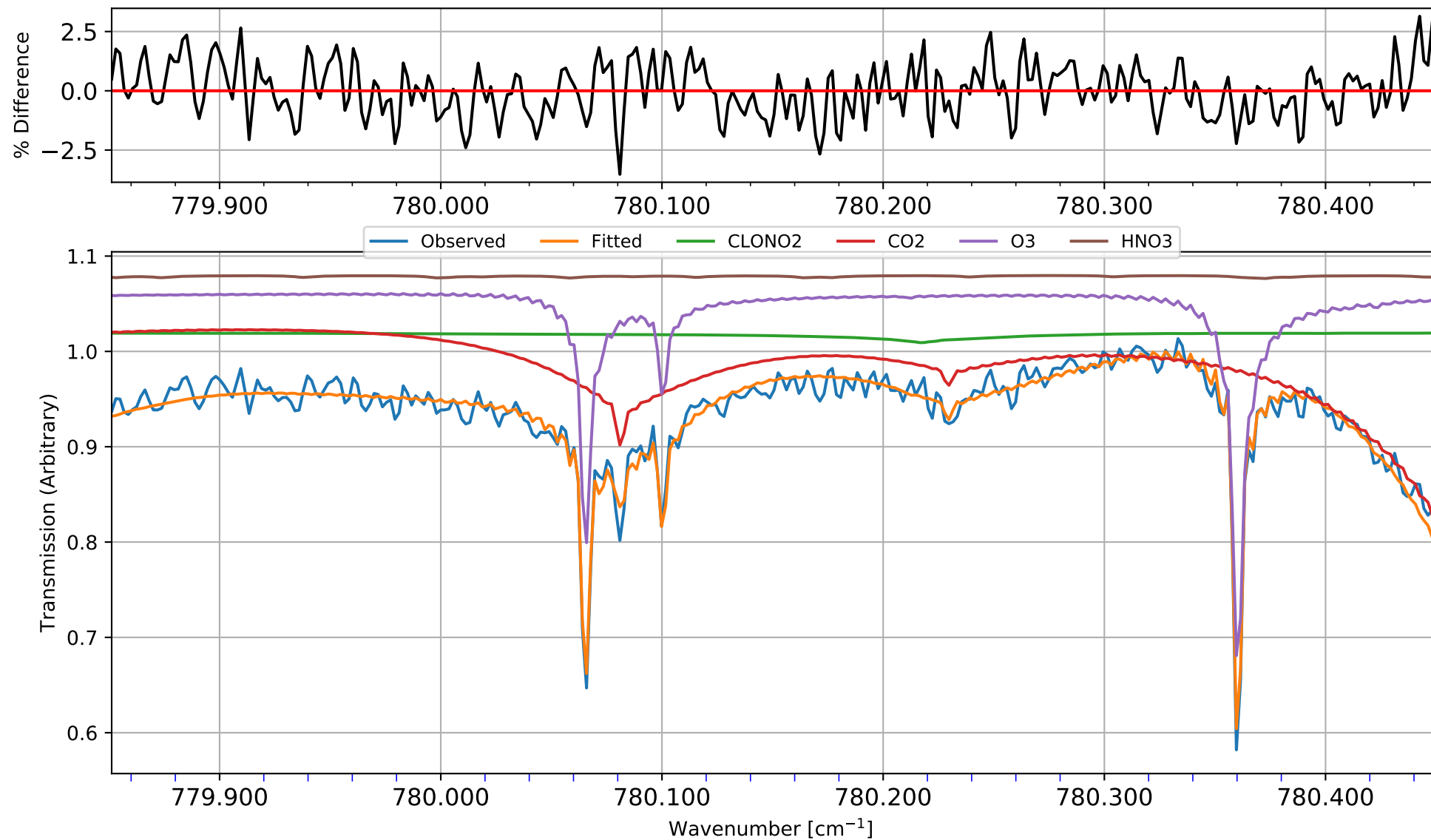


Jacobian Matrix

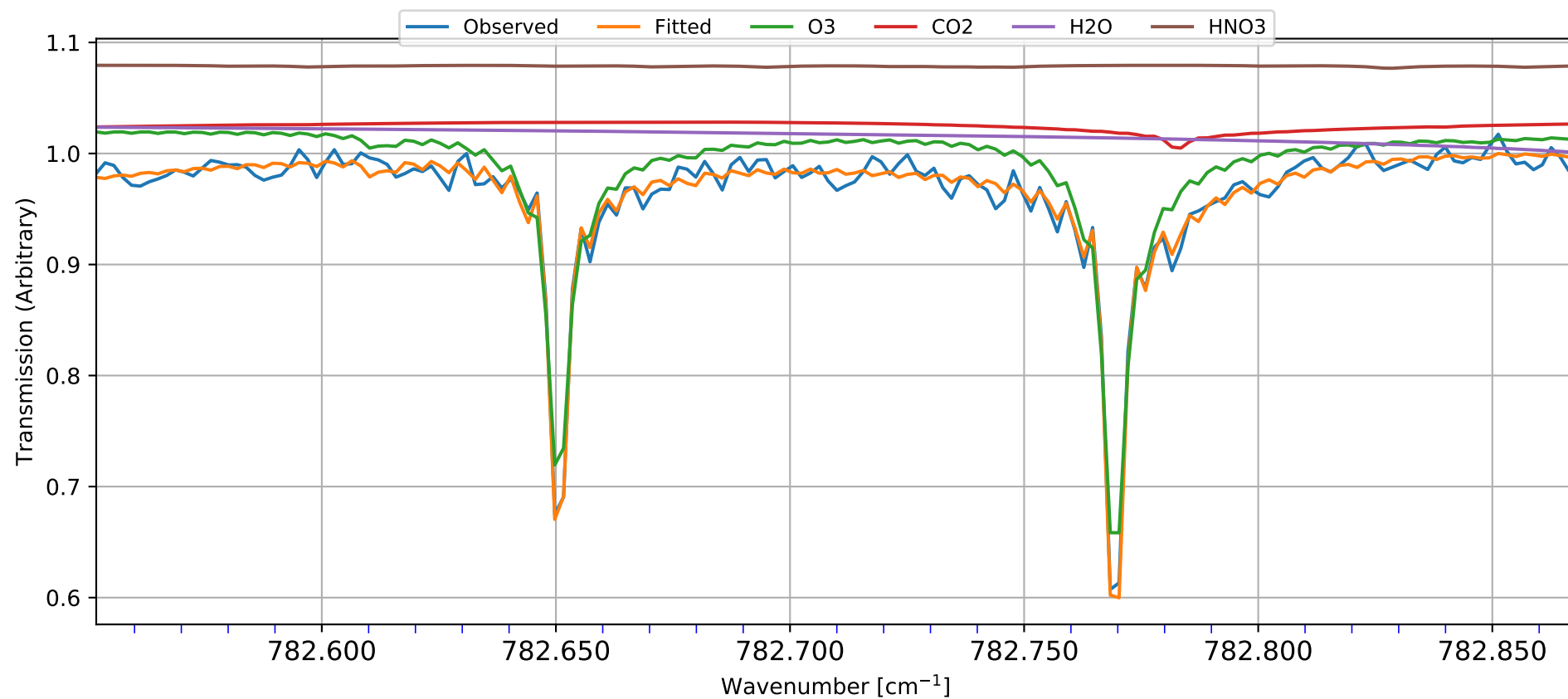
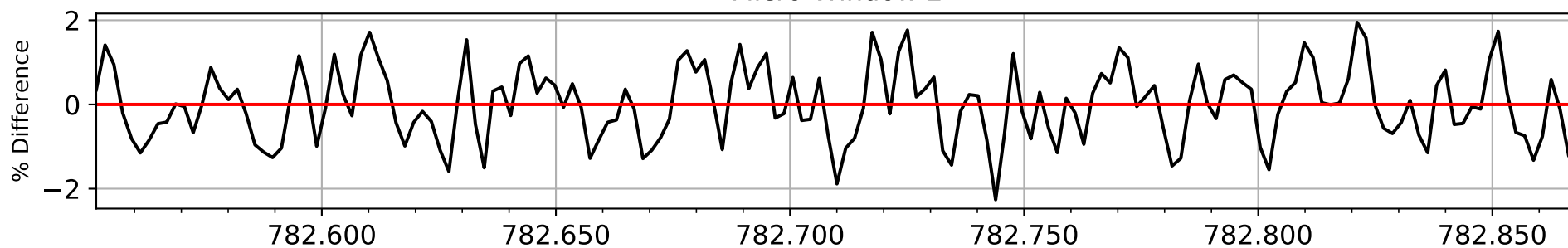


Wavenumber [ $\text{cm}^{-1}$ ]

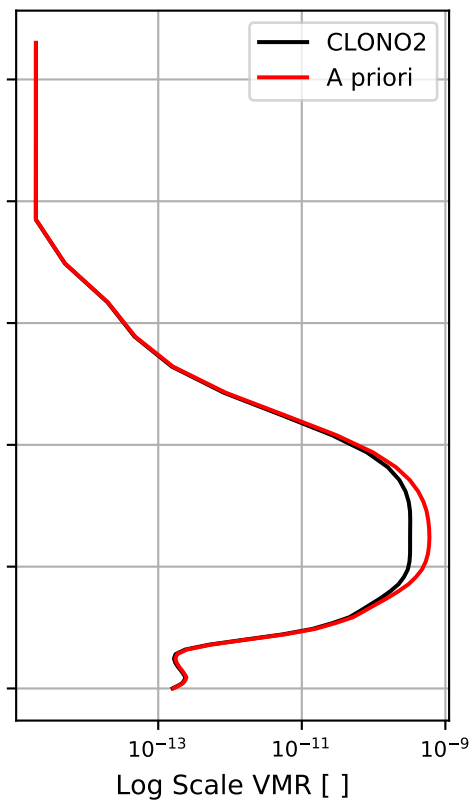
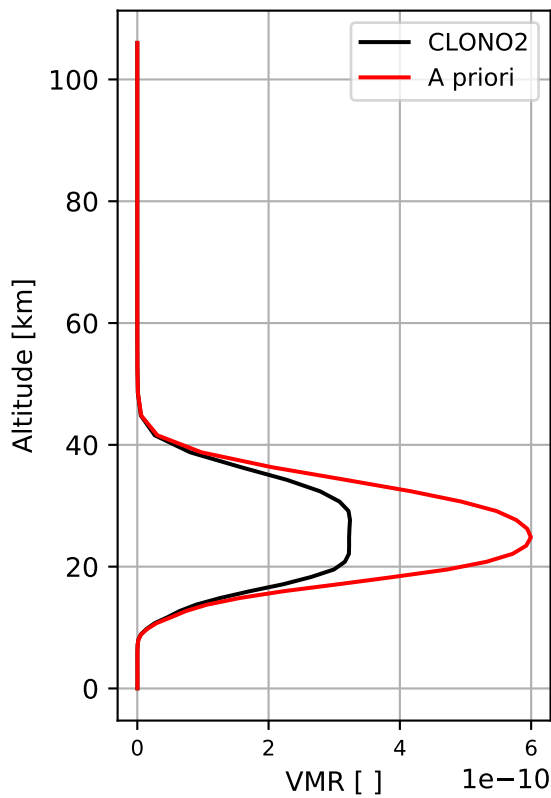
Micro-Window 1



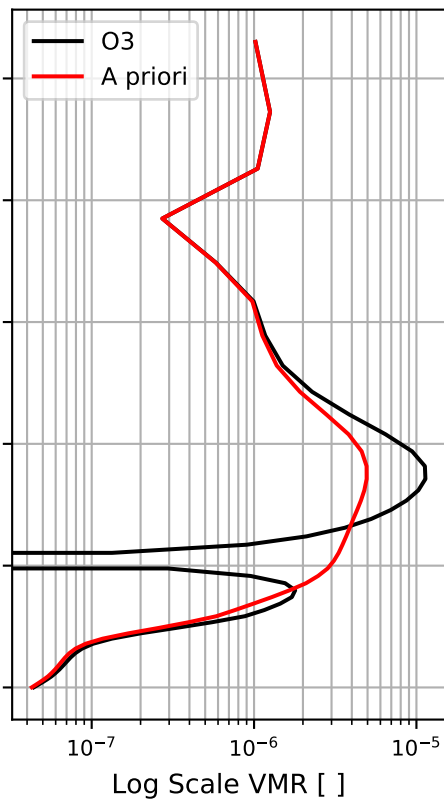
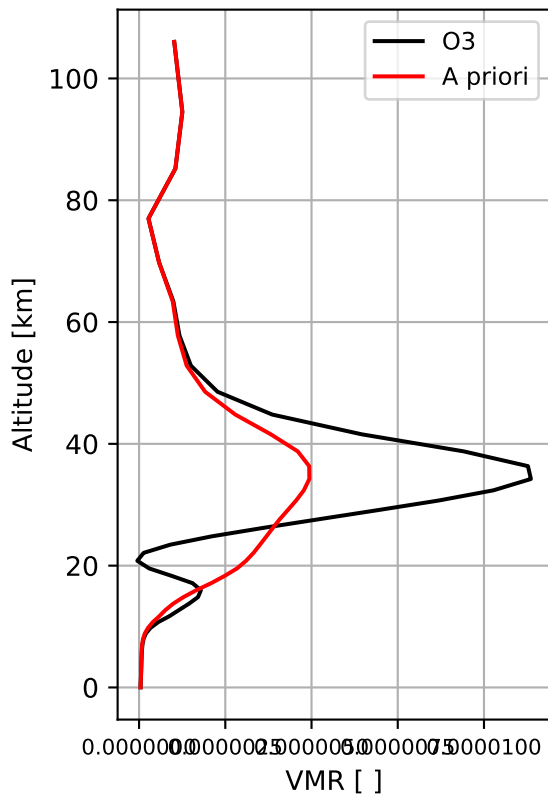
Micro-Window 2



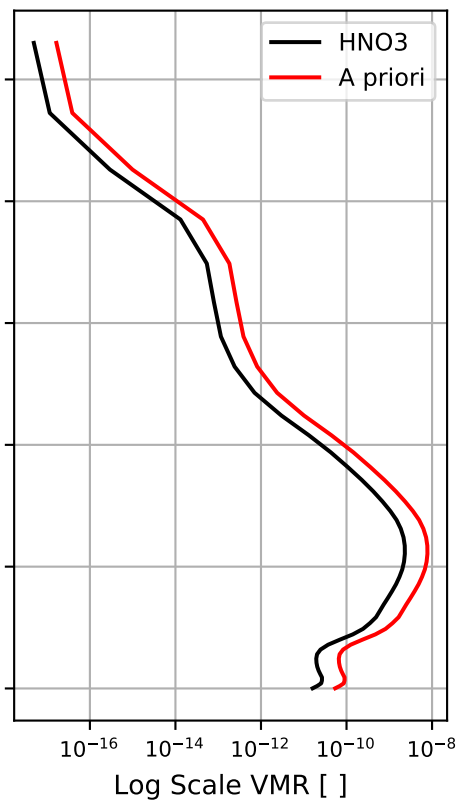
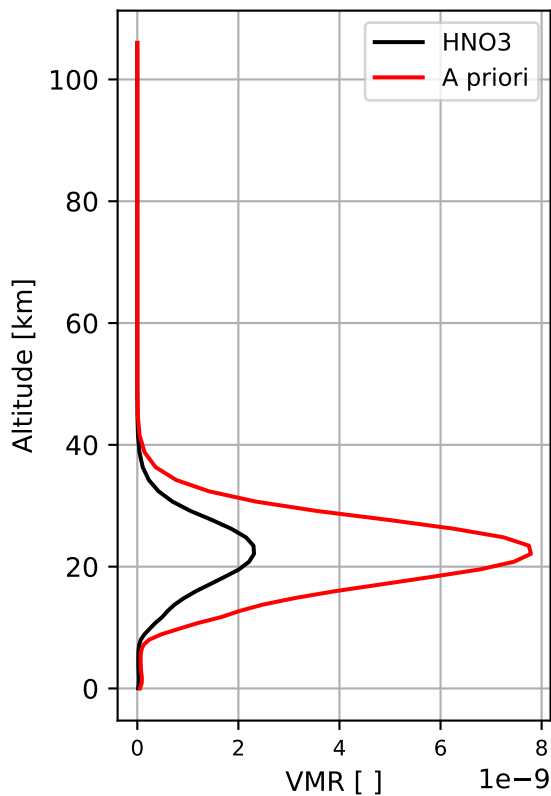
# CLONO2



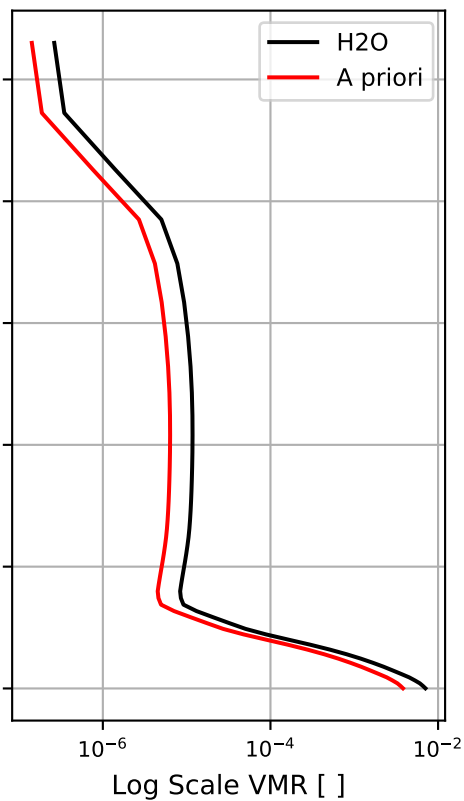
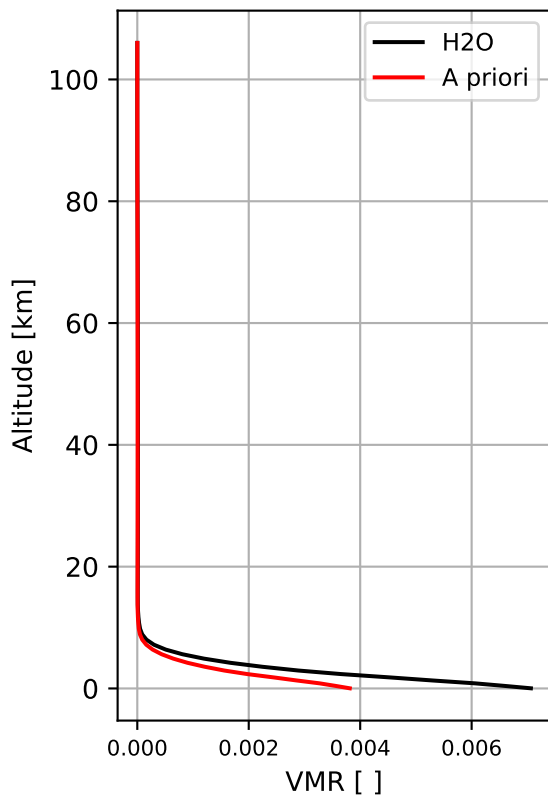
# O3



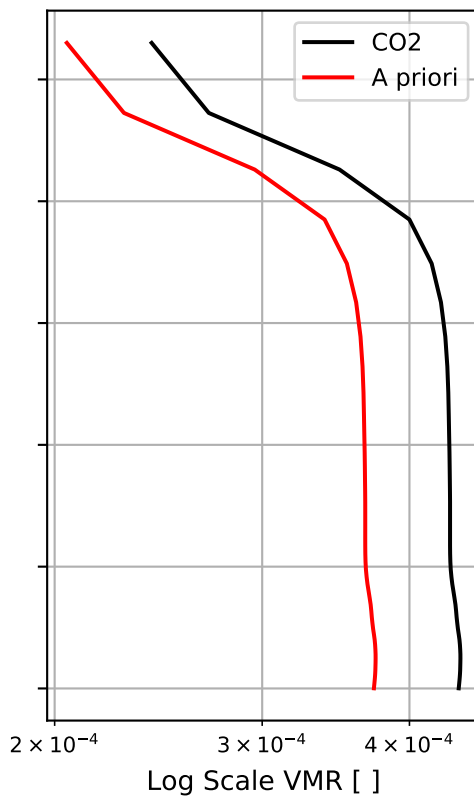
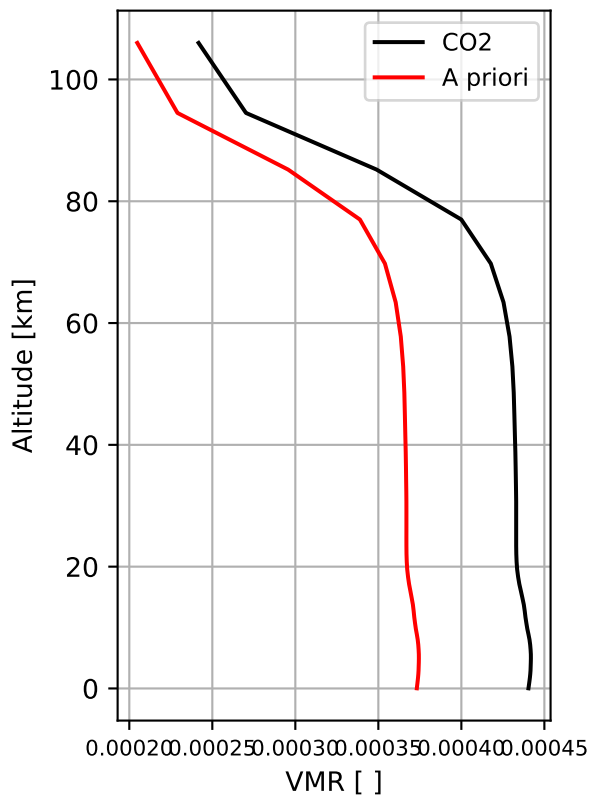
# HNO<sub>3</sub>



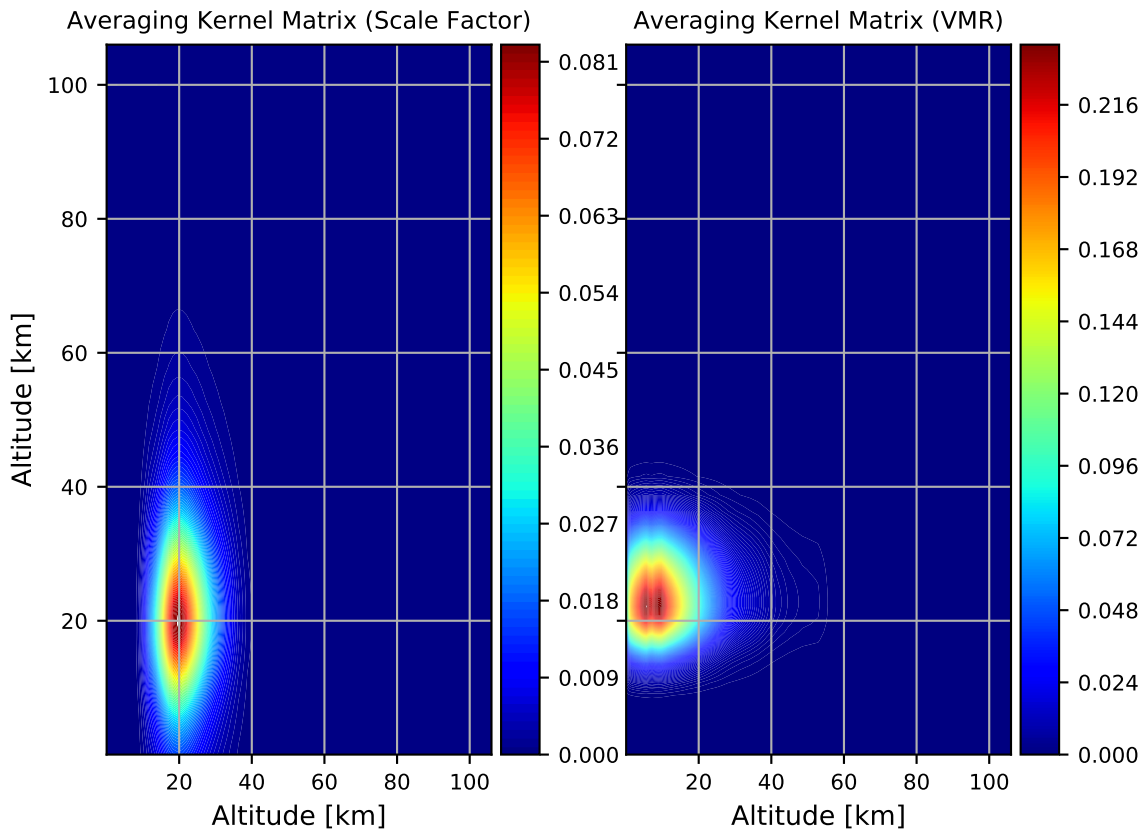
# H<sub>2</sub>O



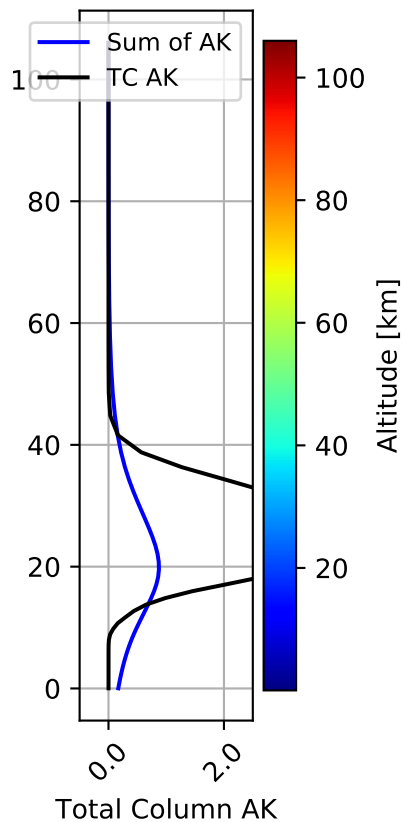
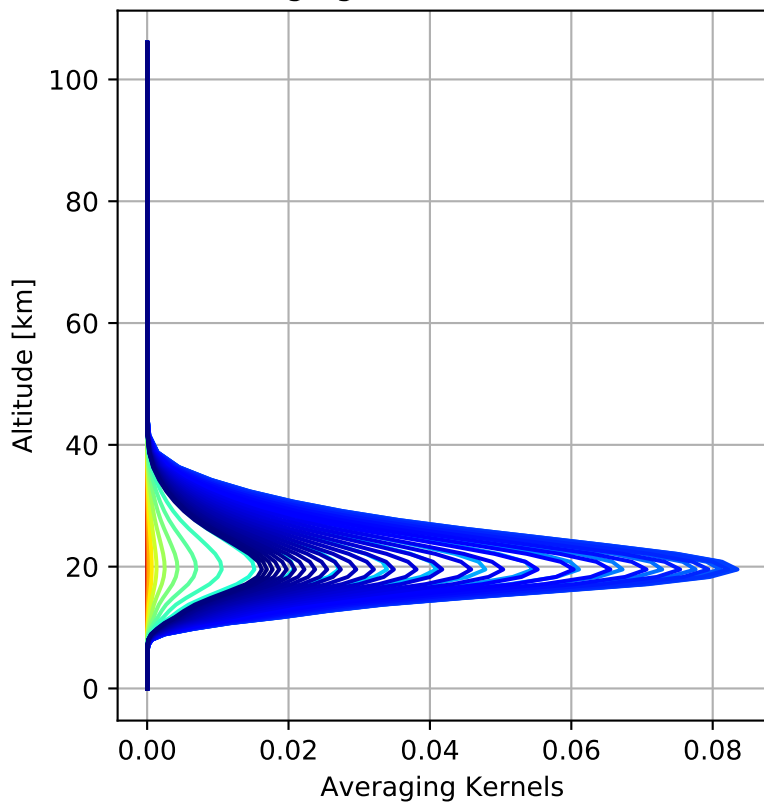
# CO2



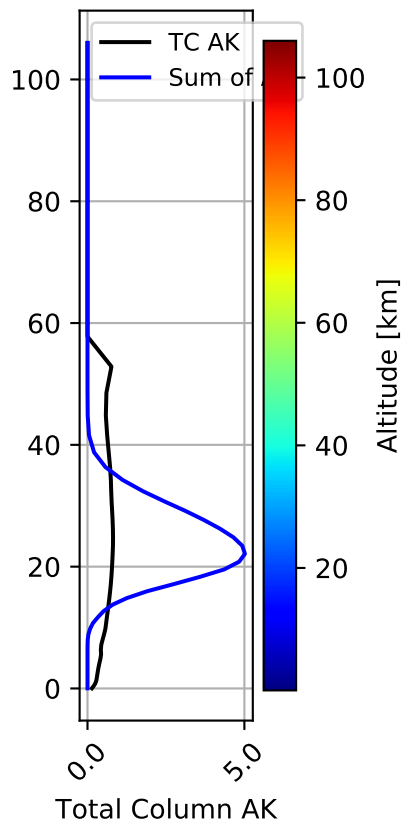
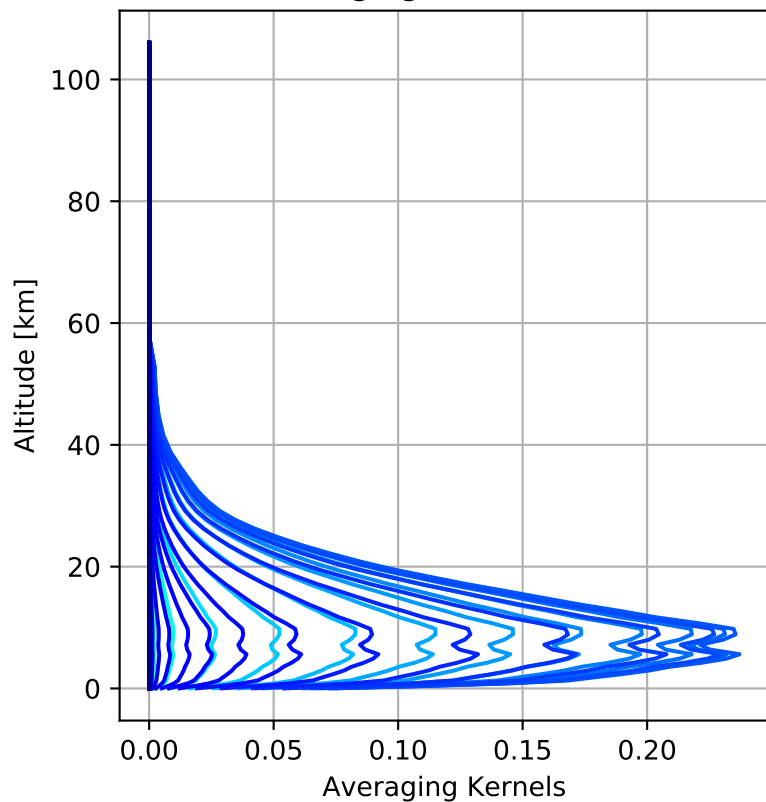




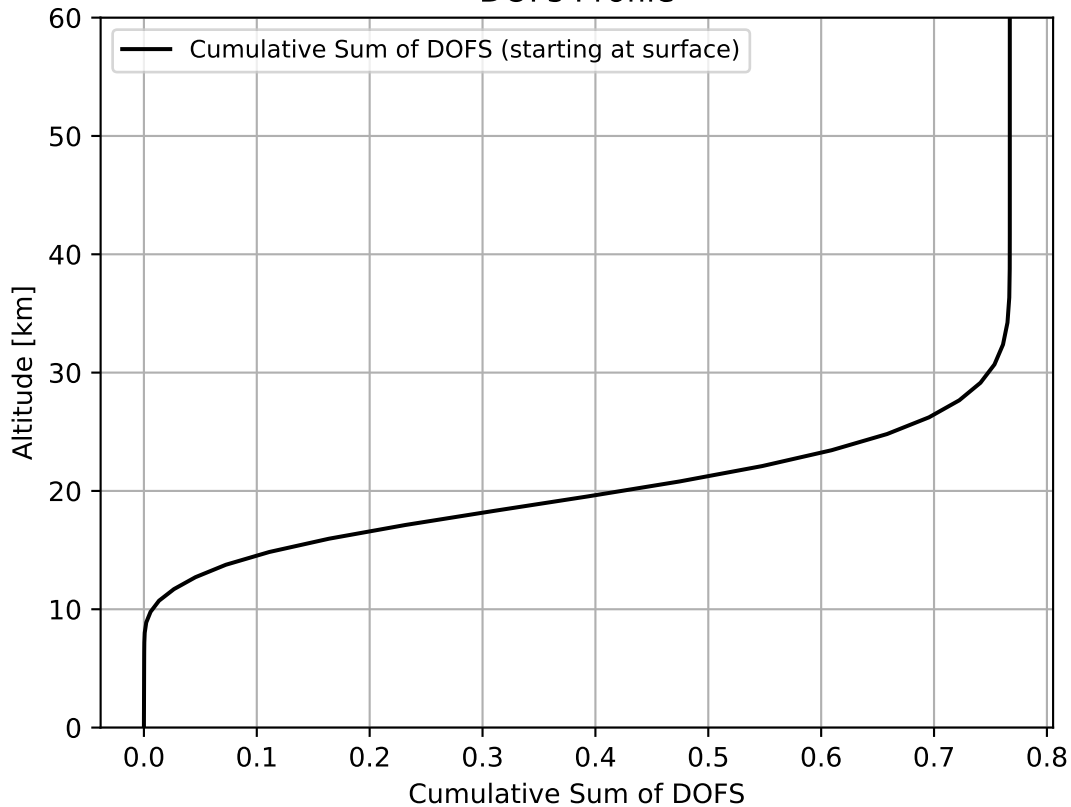
## Averaging Kernels Scale Factor



## Averaging Kernels VMR



## DOFs Profile



SFIT4:v1.0.8 :Off-Release -- June 2020 RUNTIME:20200715-10:43:45 RETRIEVAL SUMMARY

2  
03/07/2018, 15:54:18, SCAN TIME:142.37 SEC. RES= 0.0050 APOD FN = BX  
03/07/2018, 15:54:18, SCAN TIME:142.37 SEC. RES= 0.0050 APOD FN = BX

5  
IRET GAS\_NAME IFPRF IFCELL APR\_COLUMN RET\_COLUMN  
1 CLONO2 T F 1.18408E+15 7.95208E+14  
2 O3 T F 1.00780E+19 9.65482E+18  
3 HNO3 F F 2.00485E+16 5.94783E+15  
4 H2O F F 2.52978E+22 4.68578E+22  
5 CO2 F F 8.01082E+21 9.45435E+21

2  
IBAND NUSTART NUSTOP SPACE NPTSB PMAX FOVDIA MEAN\_FIT\_SNR NSCAN JSCAN INIT\_SNR EFF  
1 779.85000 780.45000 0.001883271 318 180.00 2.751200 84.417107 1  
1 101.690 101.690 84.417  
2 782.55000 782.87000 0.001883271 169 180.00 2.751200 113.338115 1  
1 107.500 107.500 113.338  
  
FITRMS CHI\_2\_Y DOFS\_ALL DOFS\_TRG DOFS\_TPR ITER MAX\_ITER CONVERGED DIVWARN  
1.087184 1.254897 17.785 0.767 0.000 7 15 T F