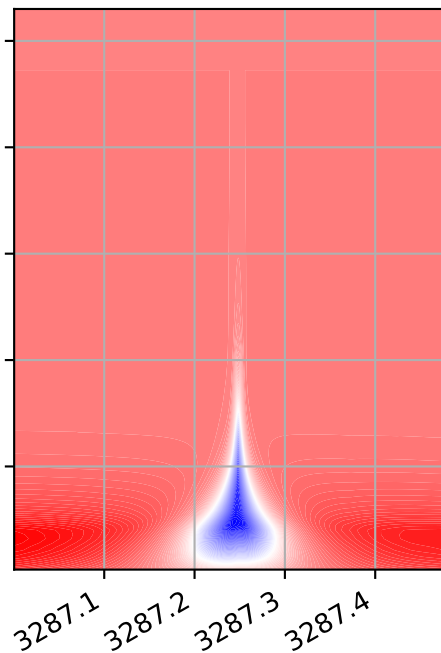
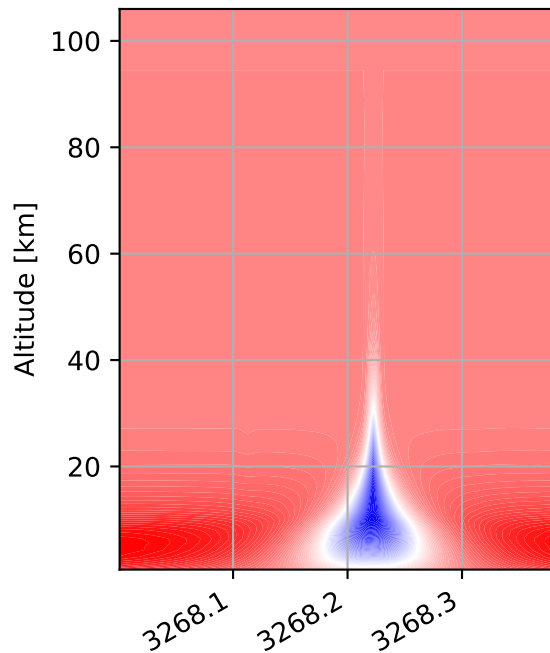
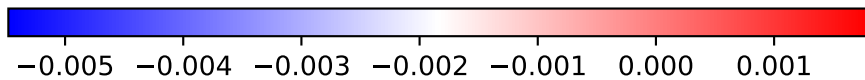
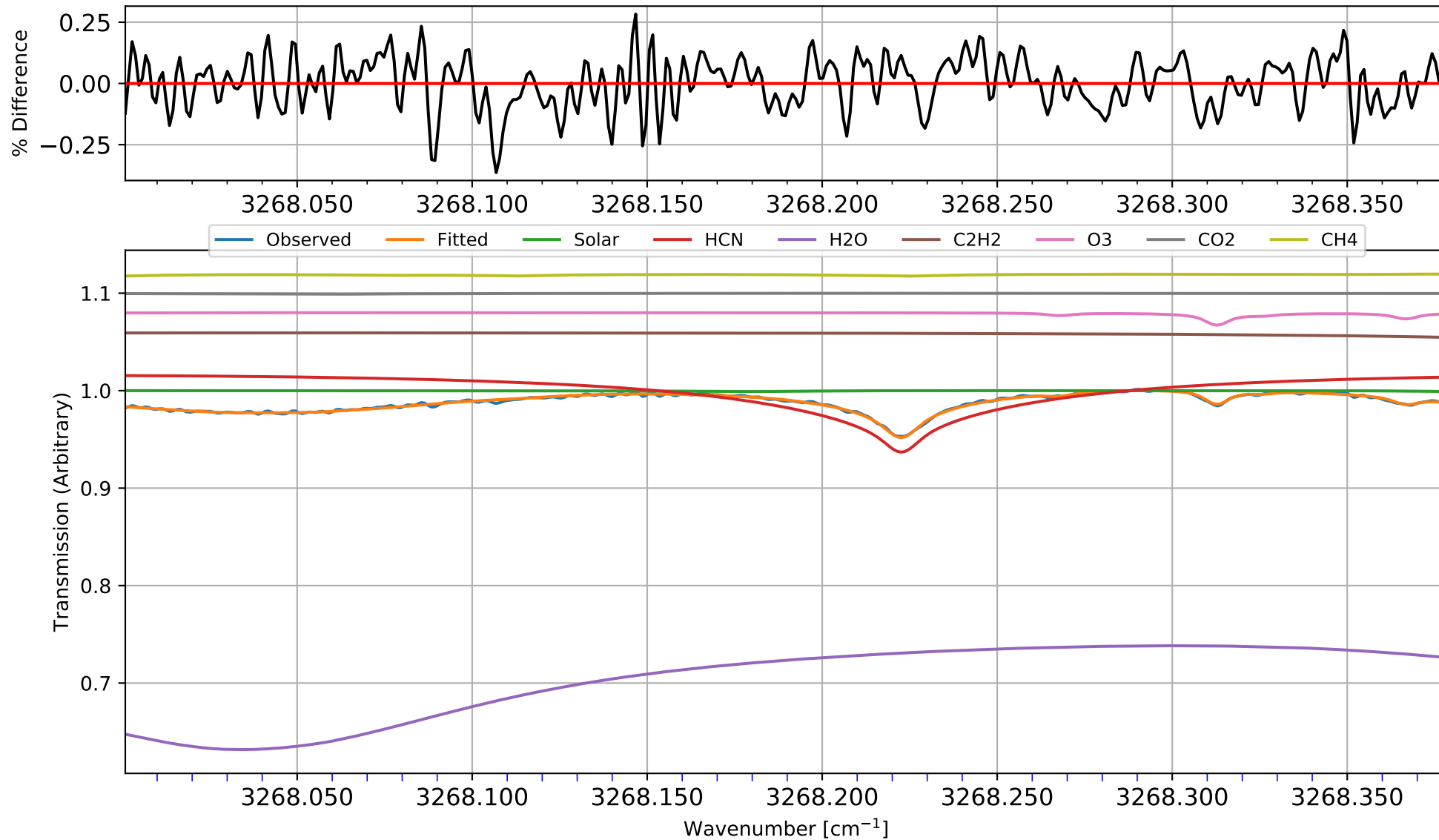


Jacobian Matrix

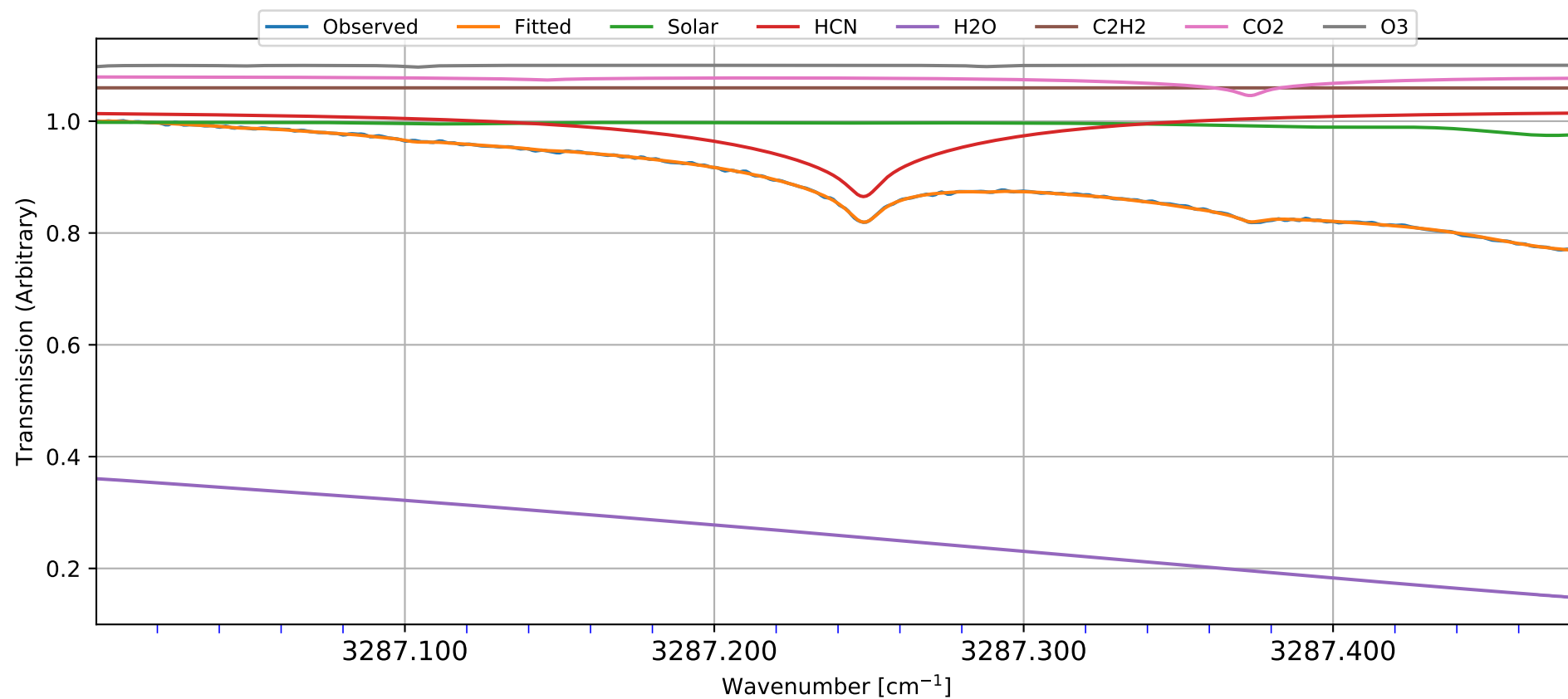
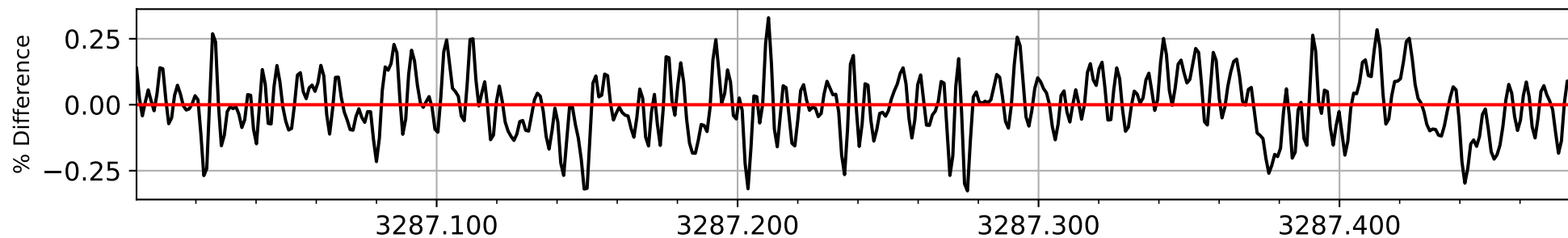


Wavenumber [cm<sup>-1</sup>]

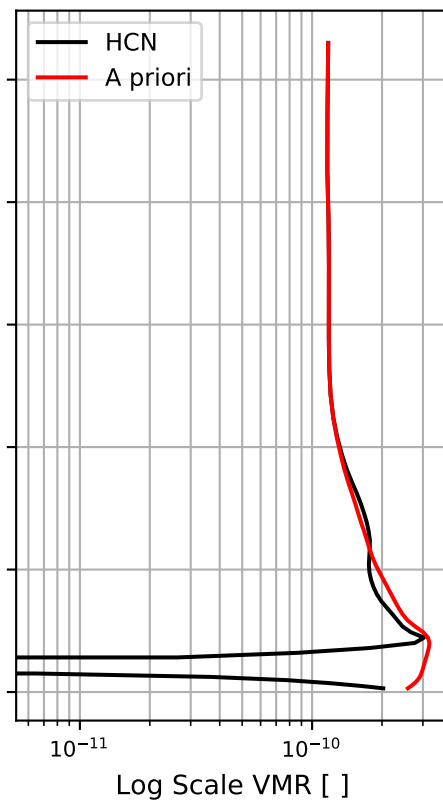
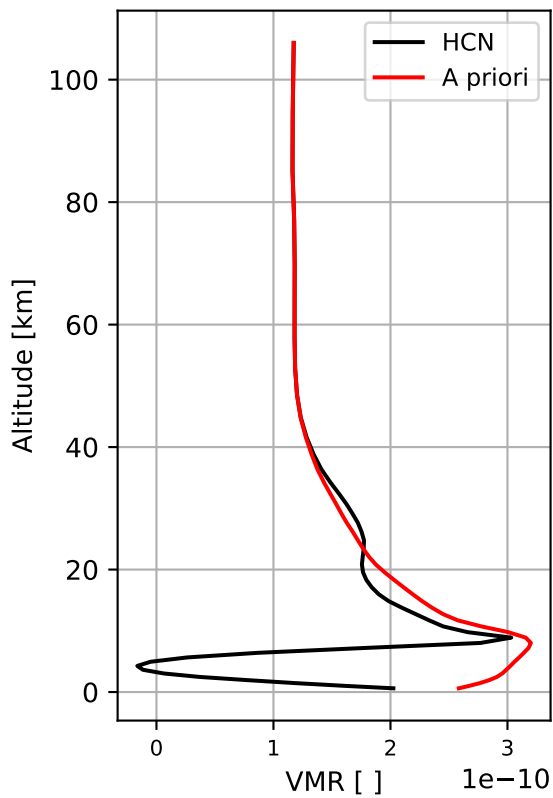
Micro-Window 1



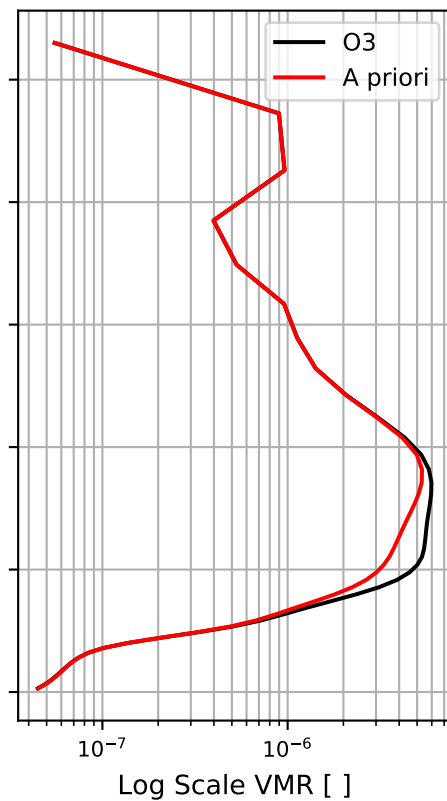
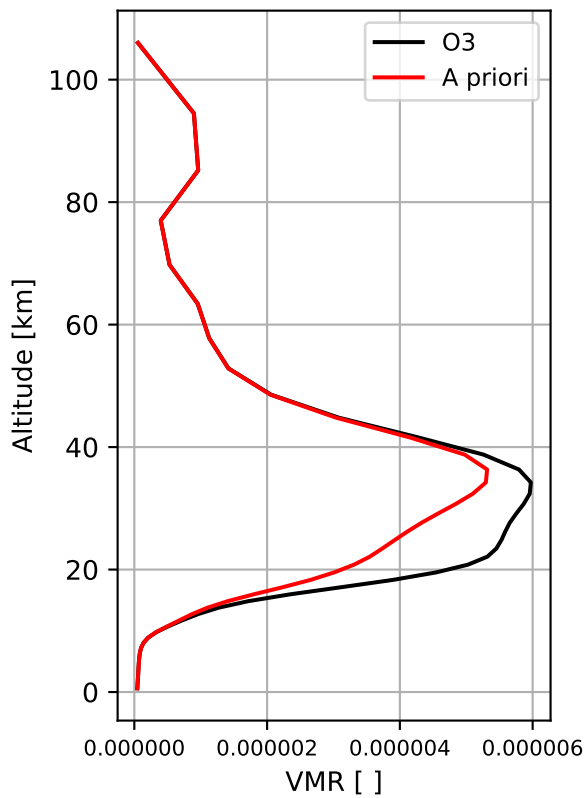
Micro-Window 2



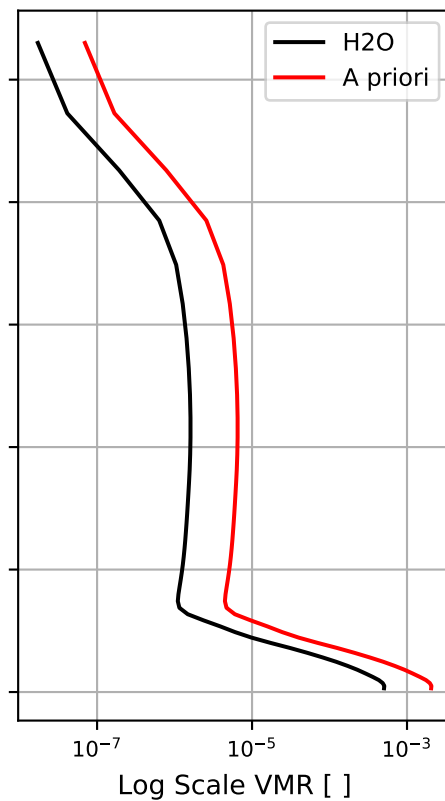
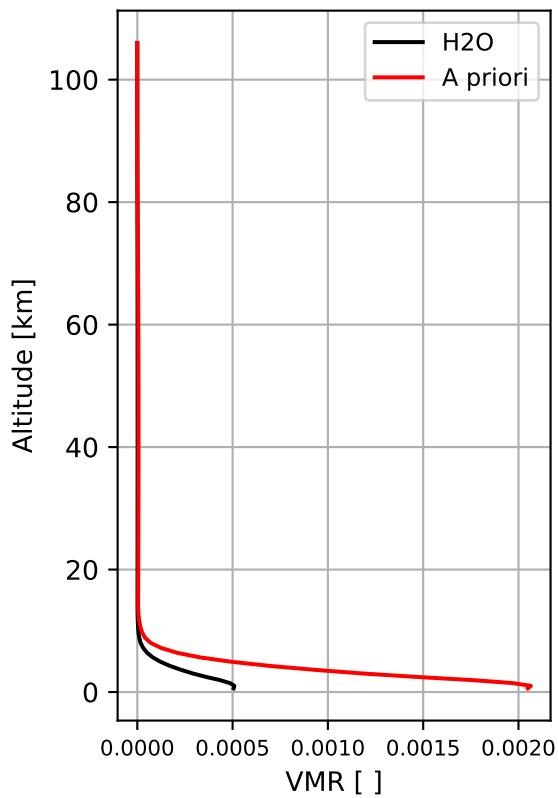
# HCN



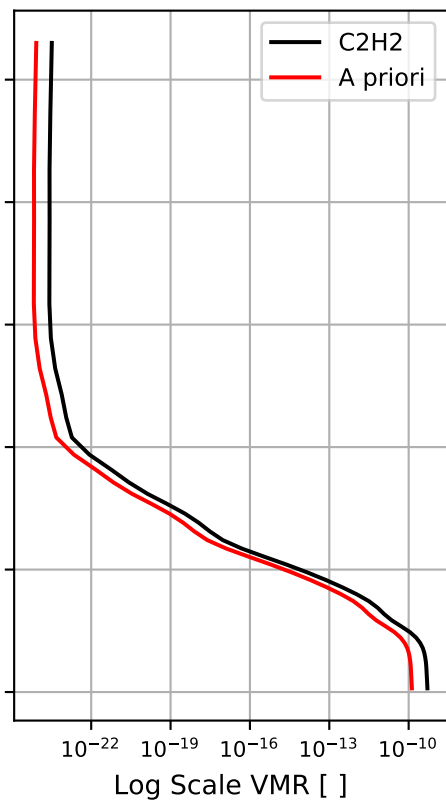
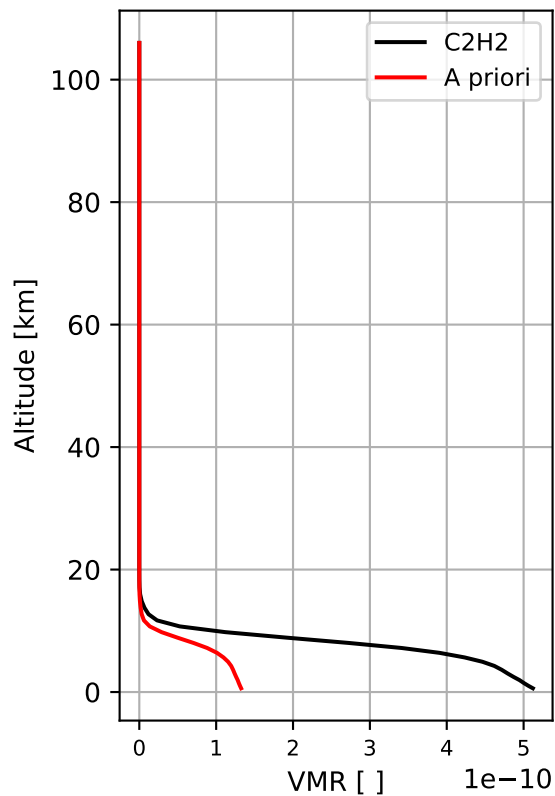
# O3



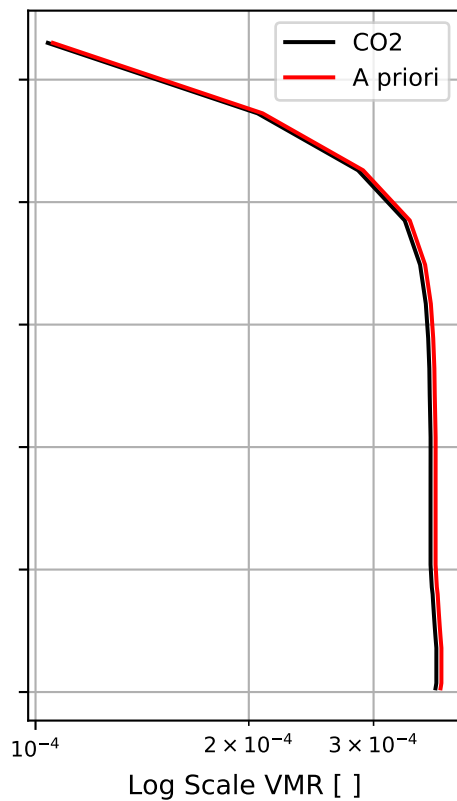
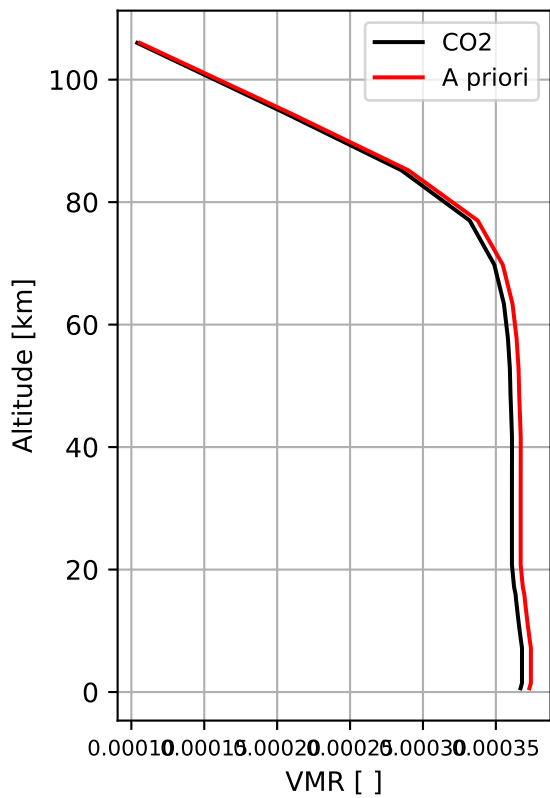
# H<sub>2</sub>O



# C2H2

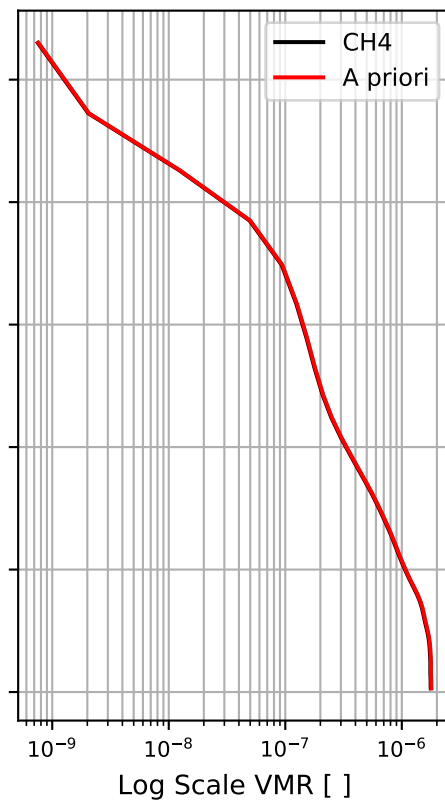
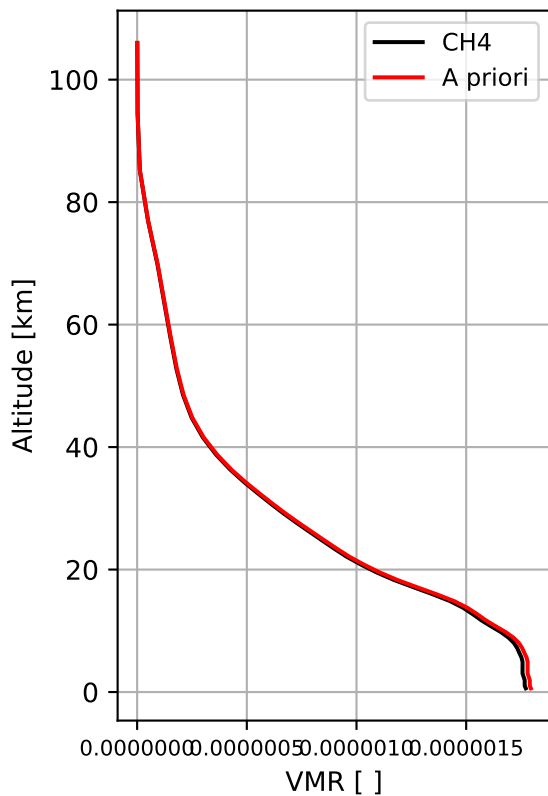


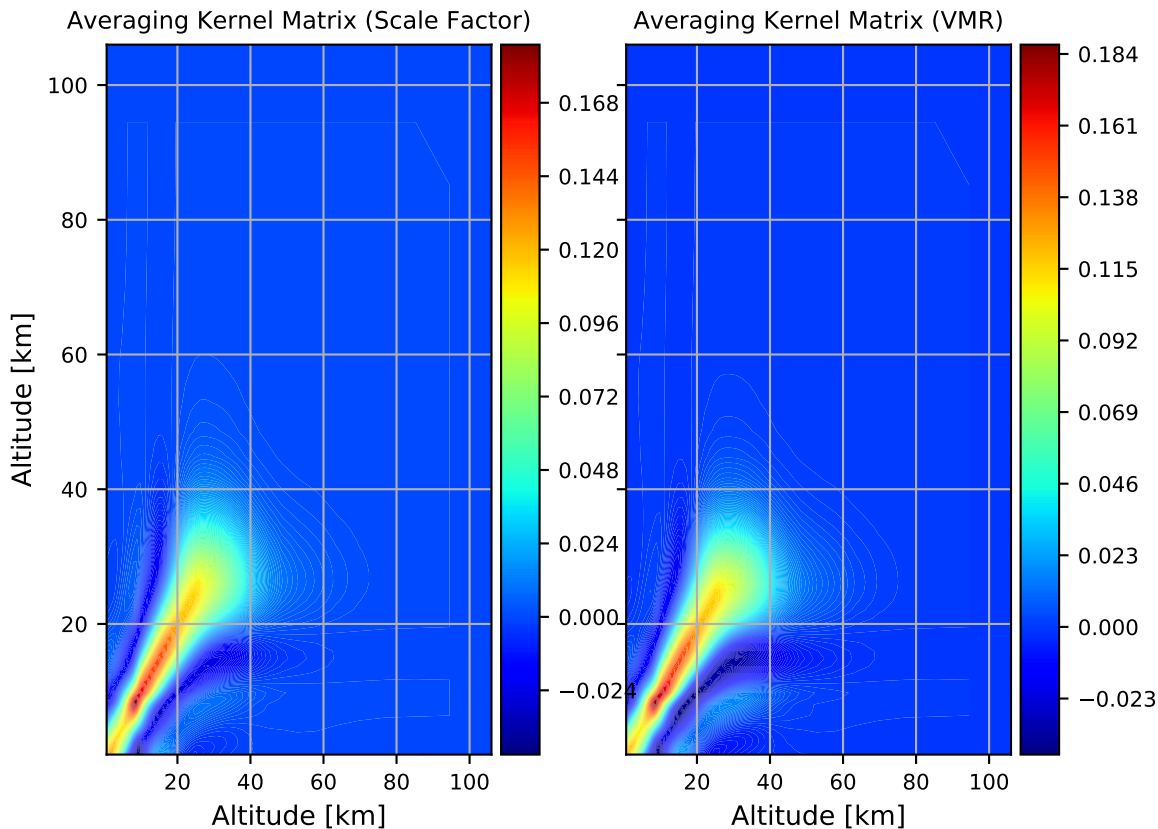
# CO2



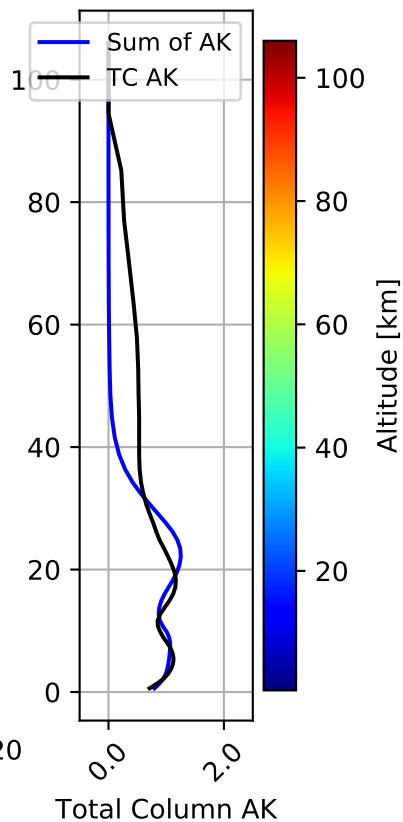
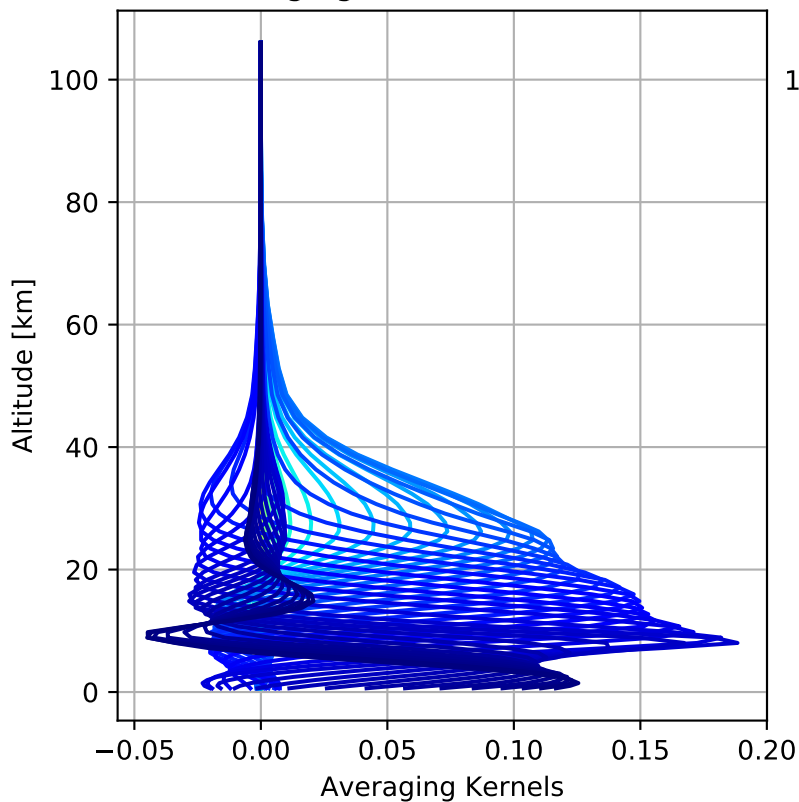


# CH<sub>4</sub>

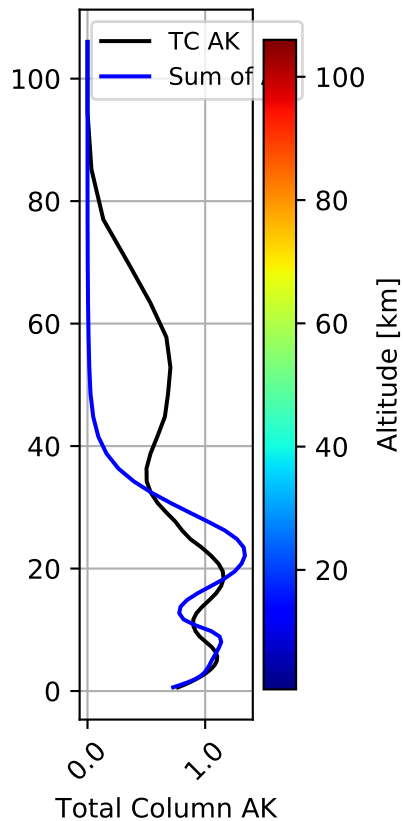
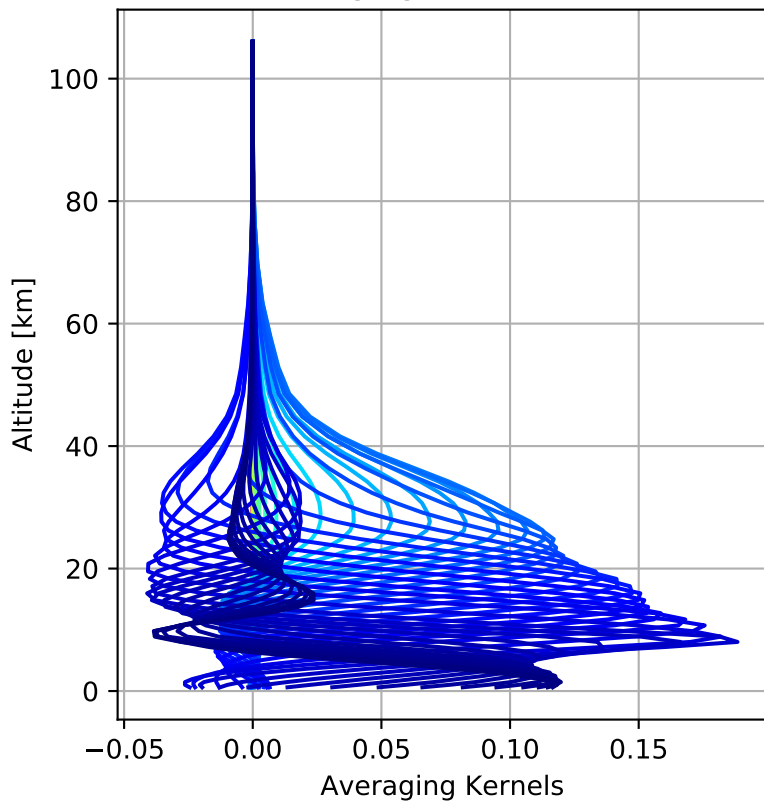




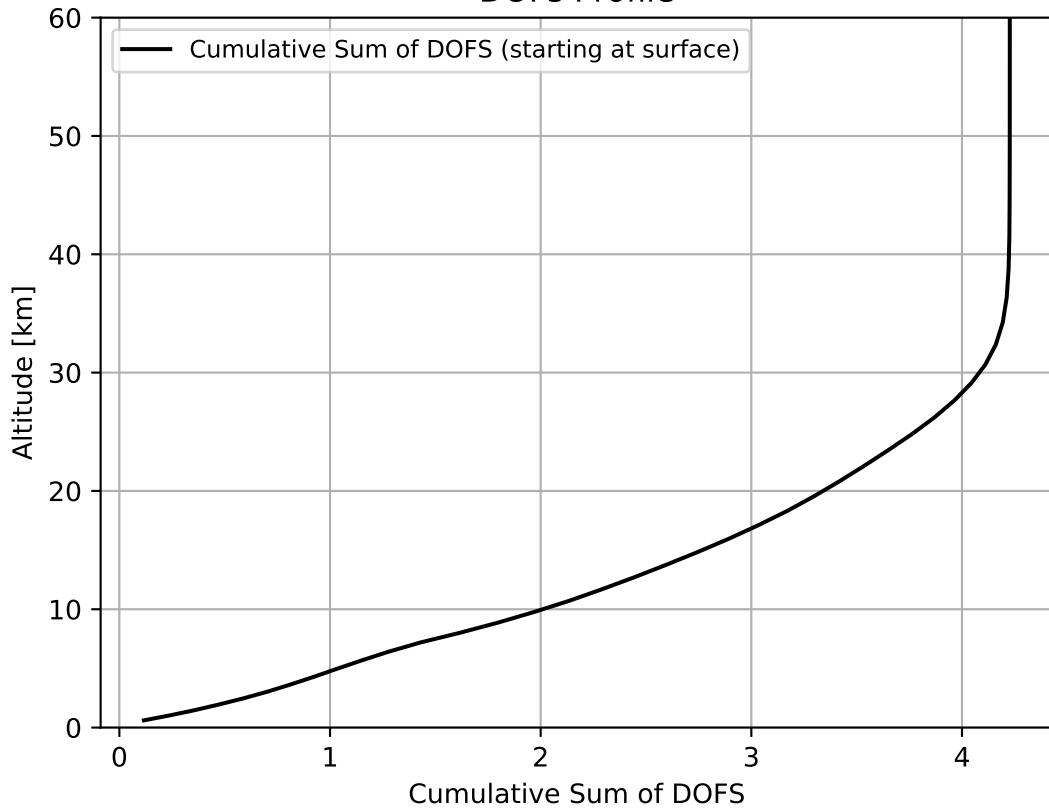
## Averaging Kernels Scale Factor



Averaging Kernels VMR



## DOFs Profile



SFIT4:v1.0.8 :Off-Release -- June 2020 RUNTIME:20200715-11:32:48 RETRIEVAL SUMMARY

2

20100316 15:55:03 205s ZT=15:56:45 OPD=257.14 FOV= 2.75 APF=BX aS 84.575 999.99  
20100316 15:55:03 205s ZT=15:56:45 OPD=257.14 FOV= 2.75 APF=BX aS 84.575 999.99

6

IRET	GAS_NAME	IFPRF	IFCELL	APR_COLUMN	RET_COLUMN
1	HCN	T	F	5.56101E+15	2.50374E+15
2	O3	T	F	9.83768E+18	1.25098E+19
3	H2O	F	F	1.45873E+22	3.59730E+21
4	C2H2	F	F	1.67781E+15	6.48393E+15
5	CO2	F	F	7.40927E+21	7.28860E+21
6	CH4	F	F	3.31525E+19	3.27223E+19

2

IBAND	NUSTART	NUSTOP	SPACE	NPTSB	PMAX	FOVDIA	MEAN_FIT_SNR	NSCAN	JSCAN	INIT_SNR	EFF
1	3268.00000	3268.38000	0.000972233	390	257.14	2.750000	967.938138	1			
						1	784.380	784.380	967.938		
2	3287.00000	3287.48000	0.000972233	494	257.14	2.750000	774.769108	1			
						1	808.930	808.930	774.769		
	FITRMS	CHI_2_Y	DOFS_ALL	DOFS_TRG	DOFS_TPR	ITER	MAX_ITER	CONVERGED	DIVWARN		
	0.118269	0.896927	17.034	4.227	0.000	5	17	T	F		