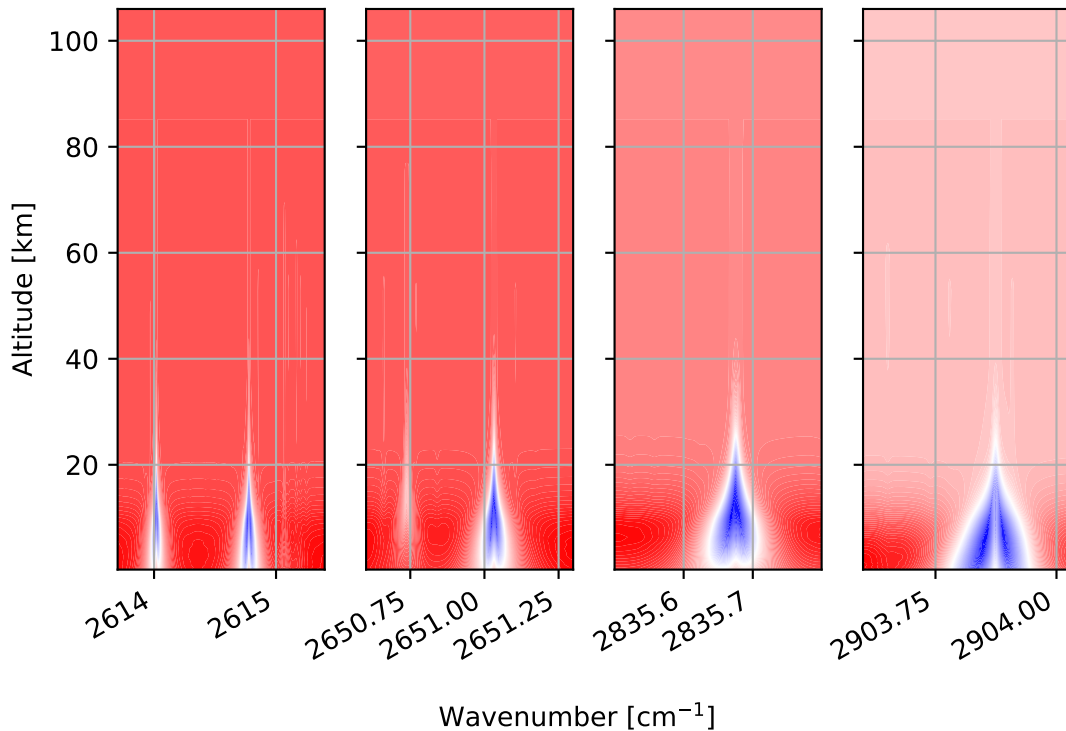
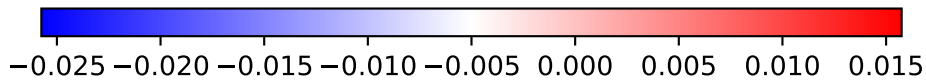
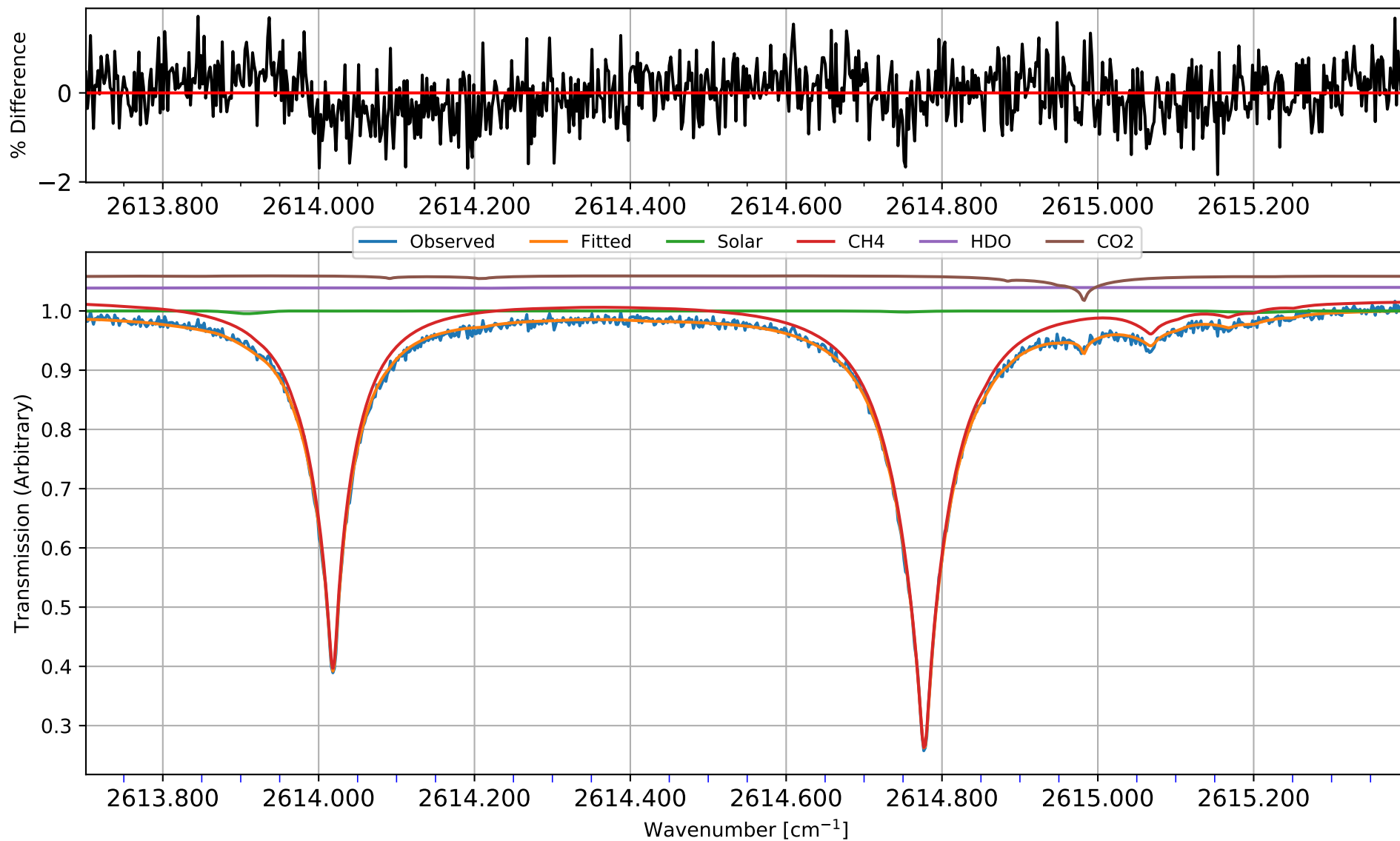


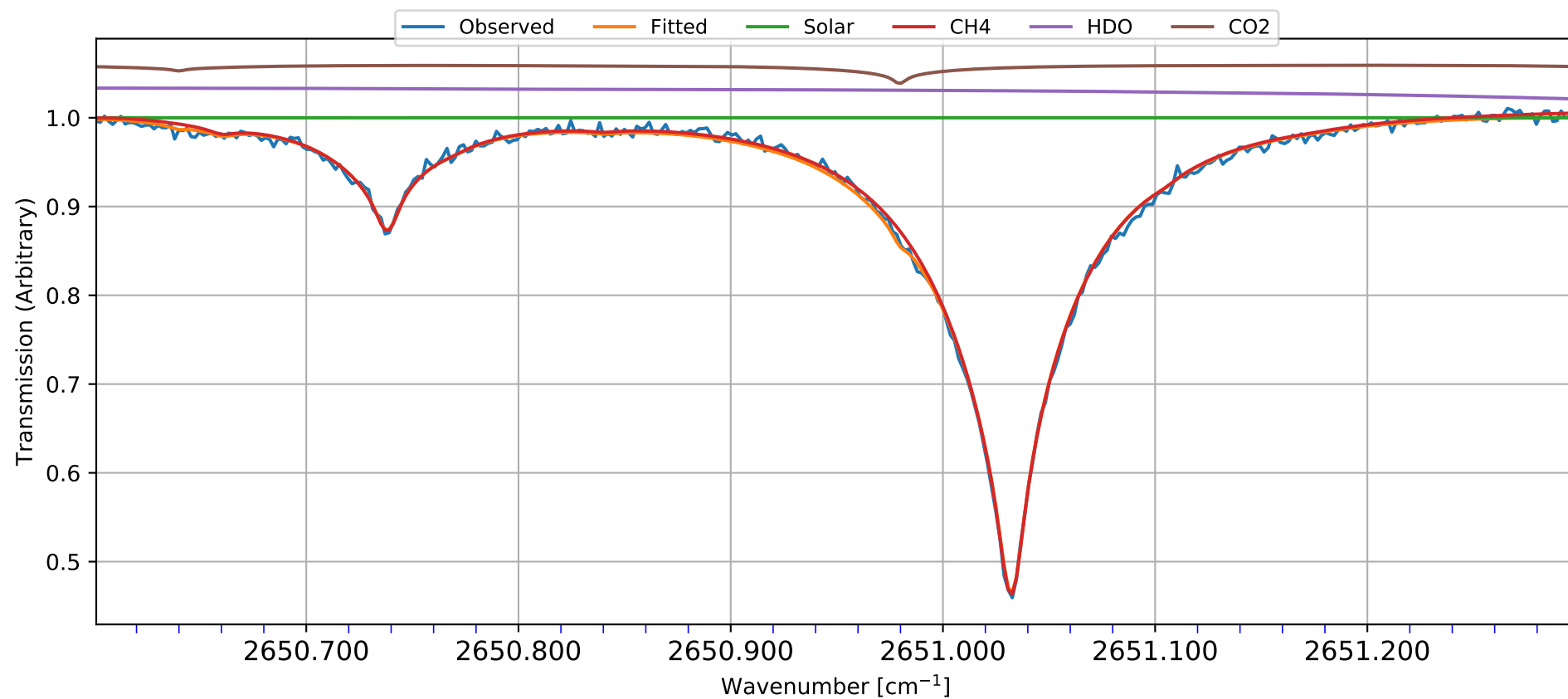
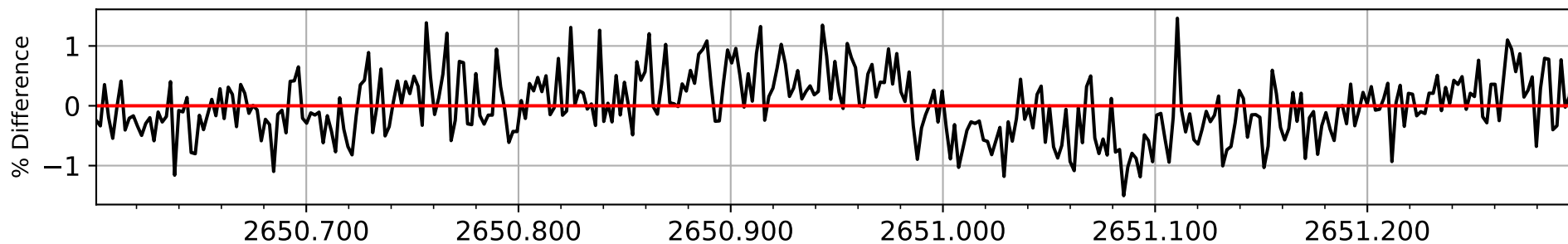
# Jacobian Matrix



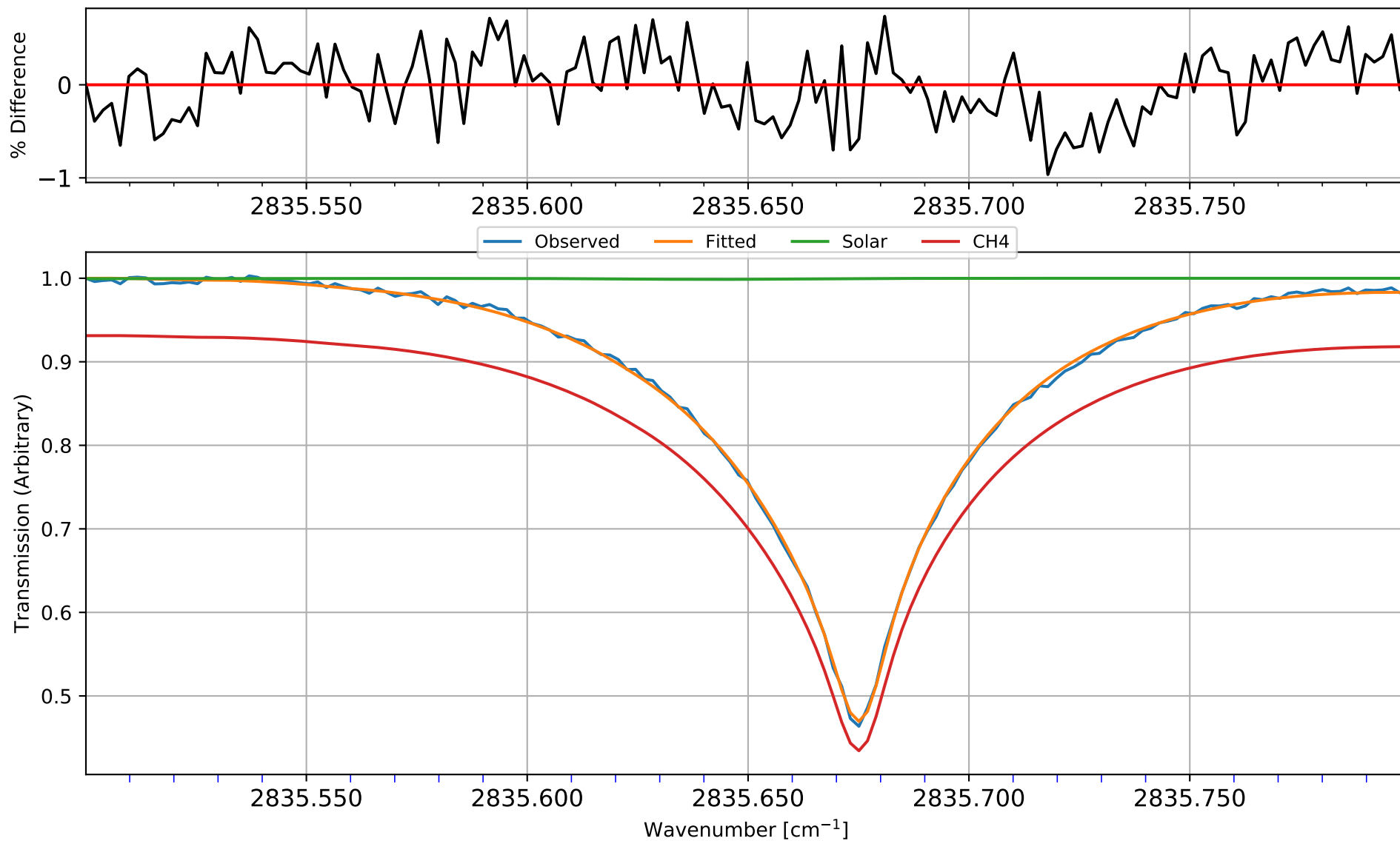
Micro-Window 1



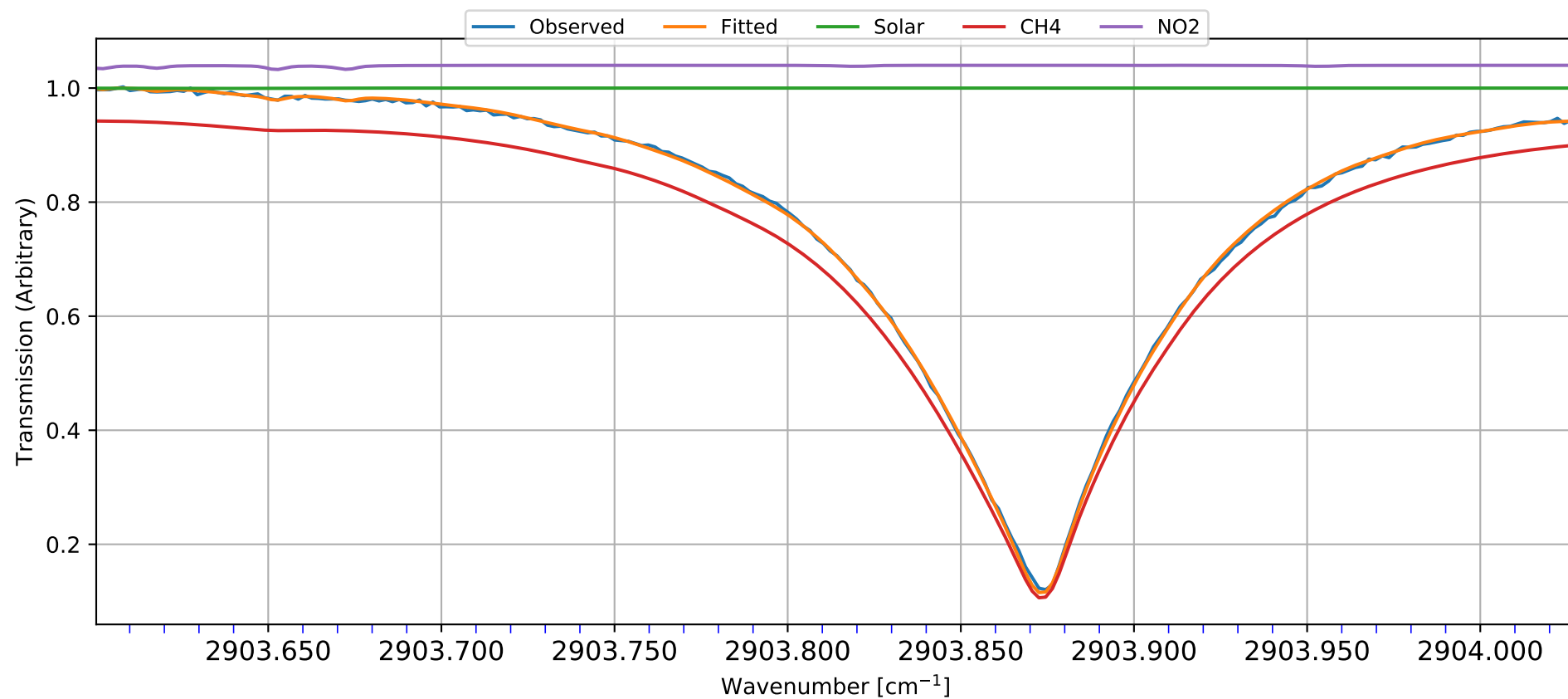
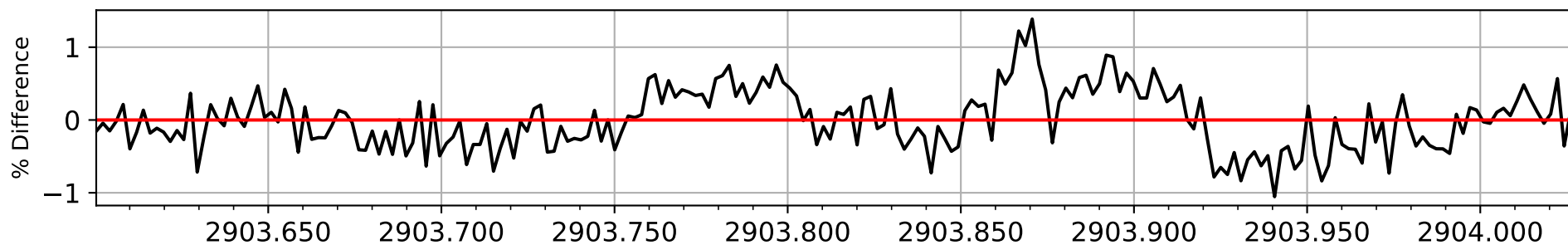
Micro-Window 2



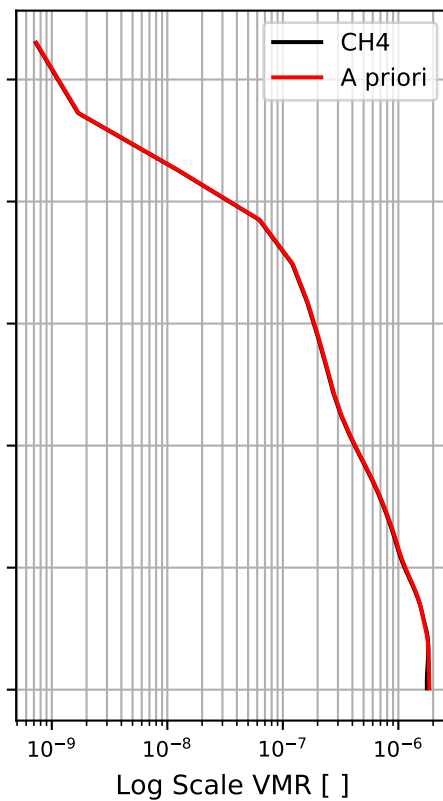
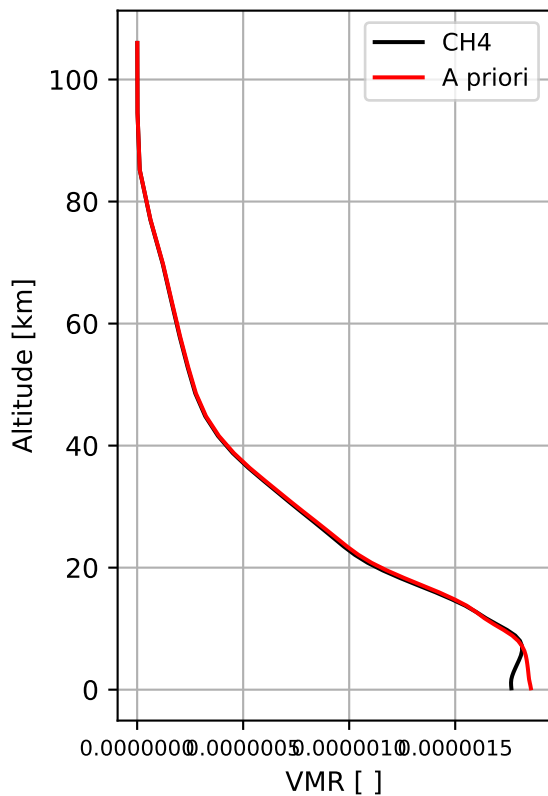
Micro-Window 3



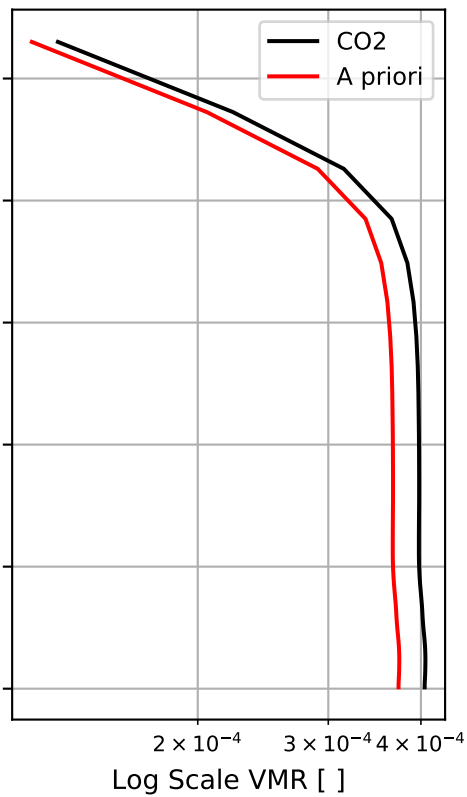
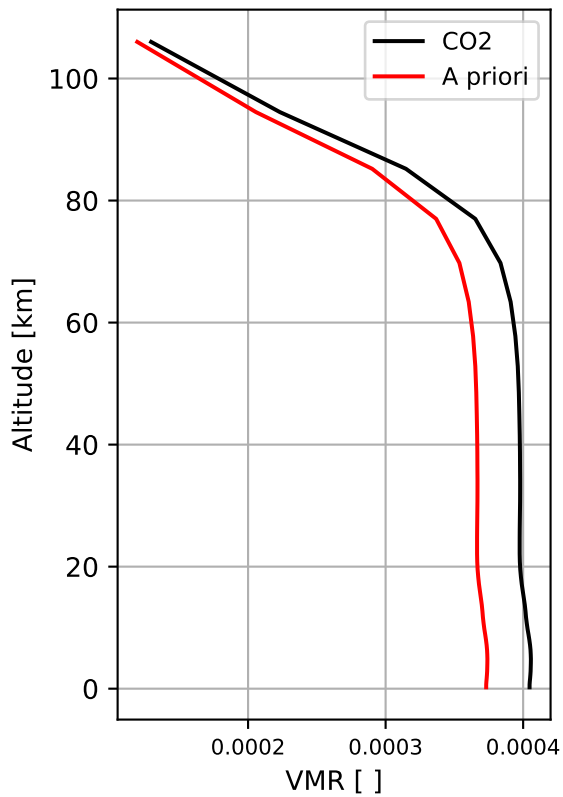
Micro-Window 4



# CH<sub>4</sub>

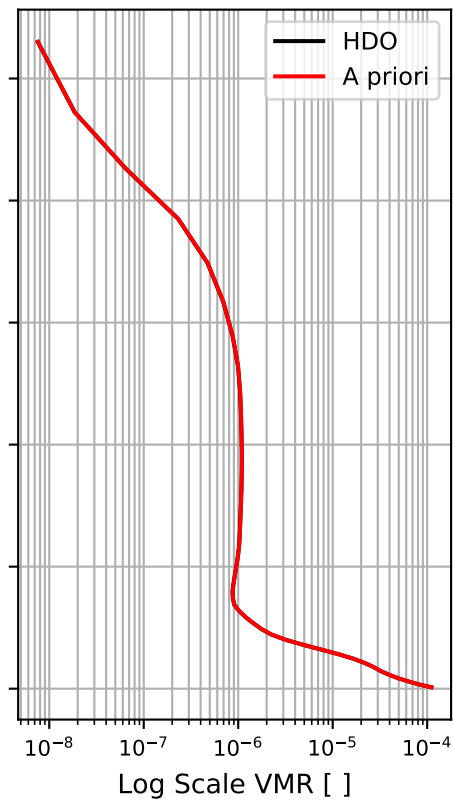
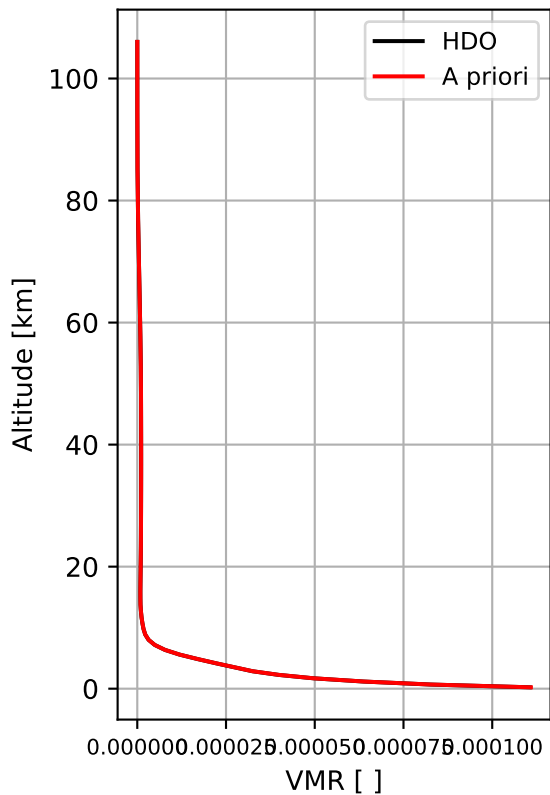


# CO2

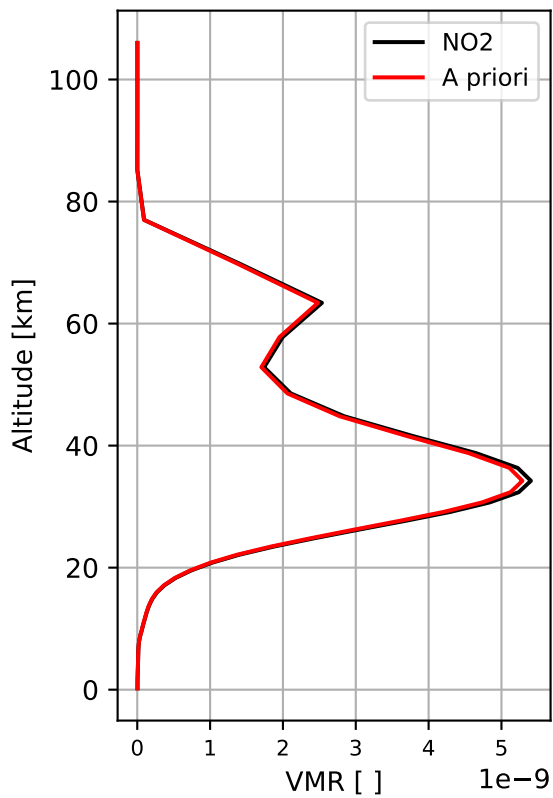


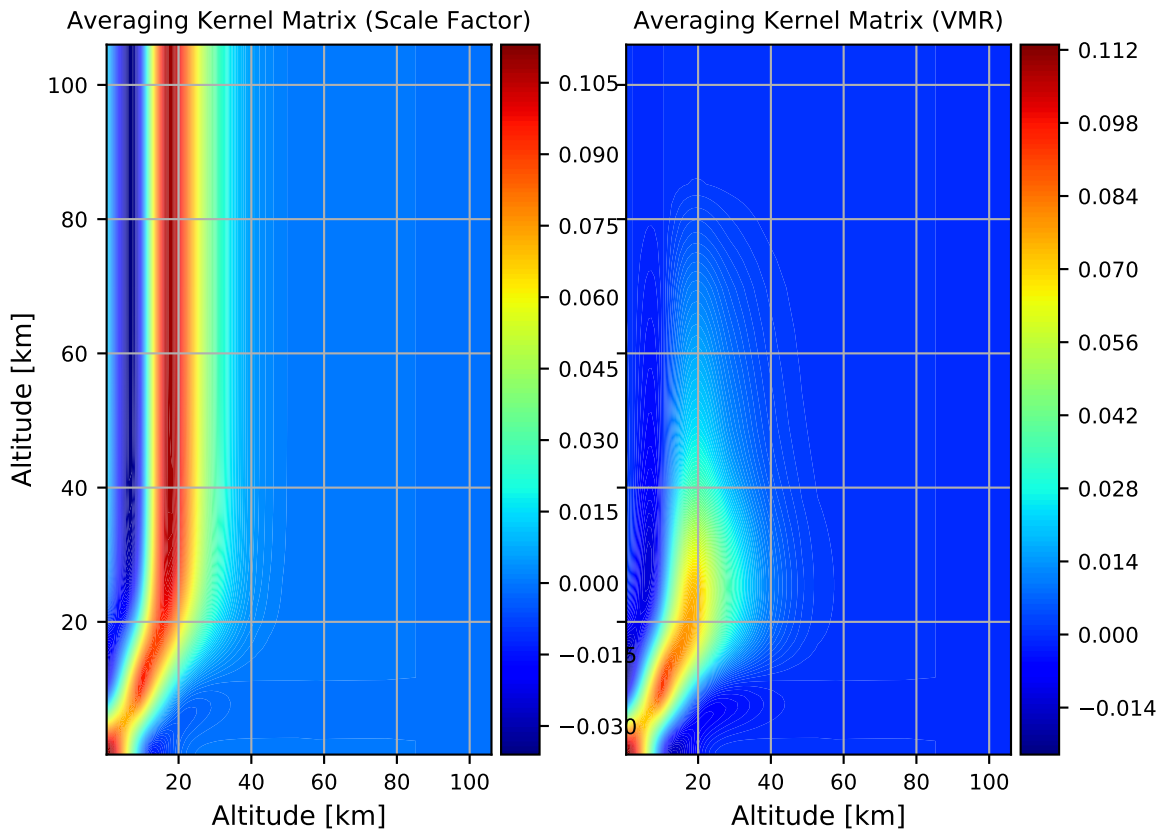


# HDO

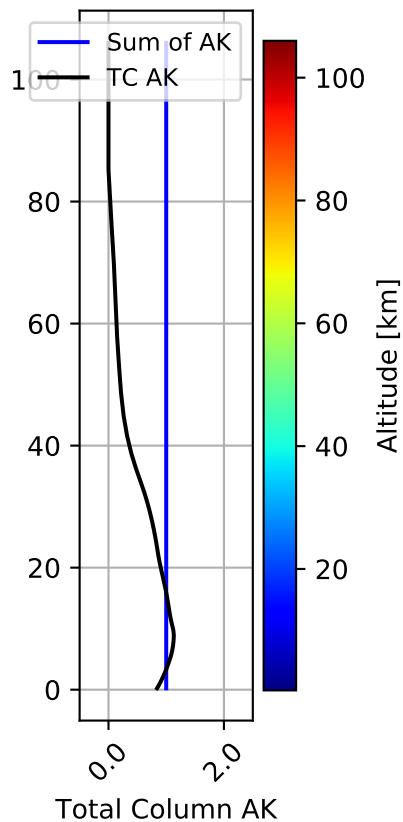
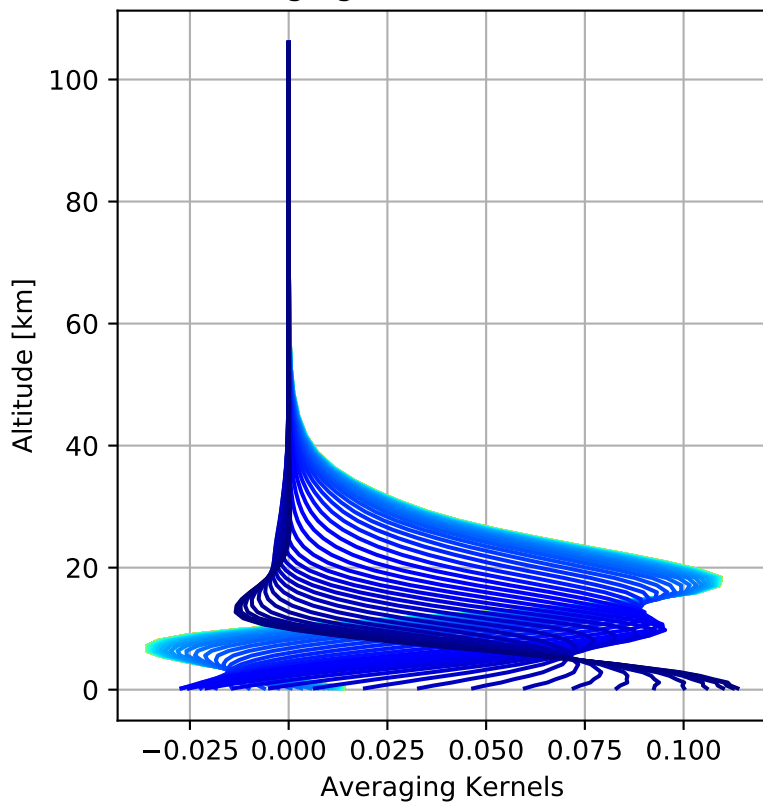


# NO2

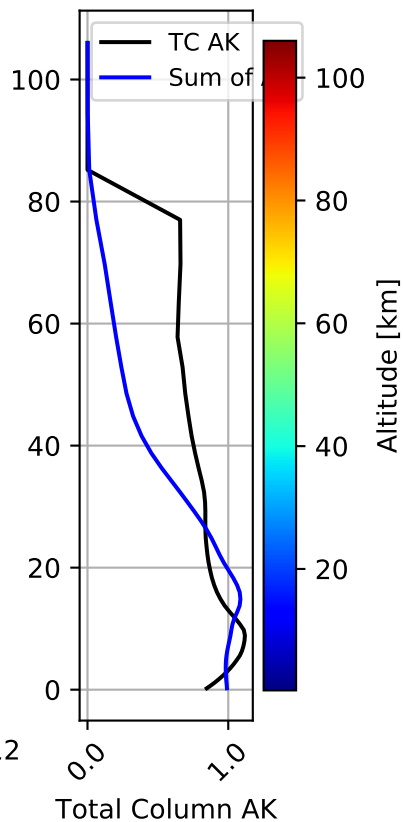
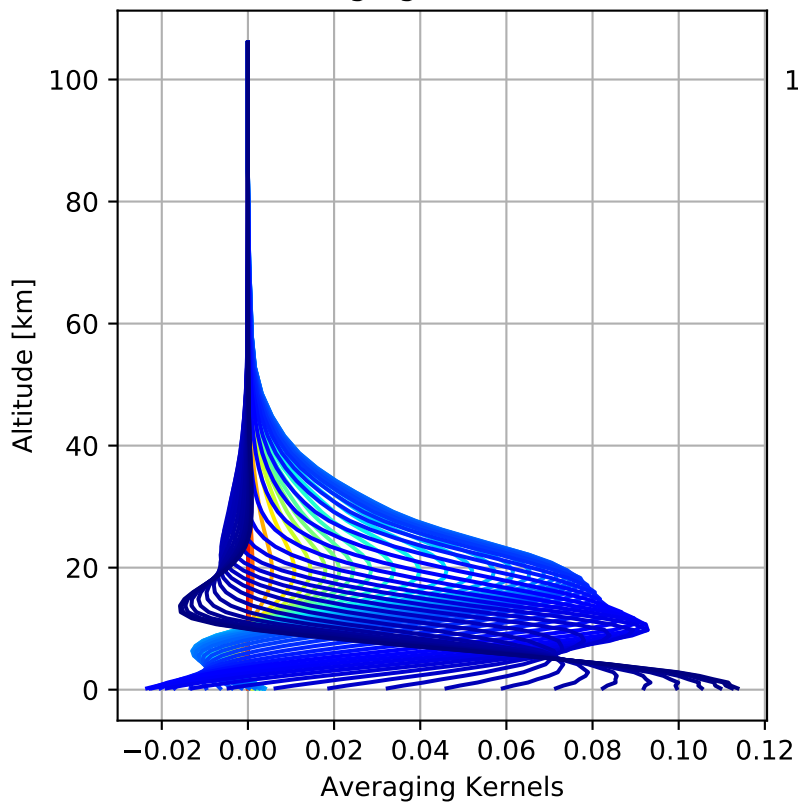




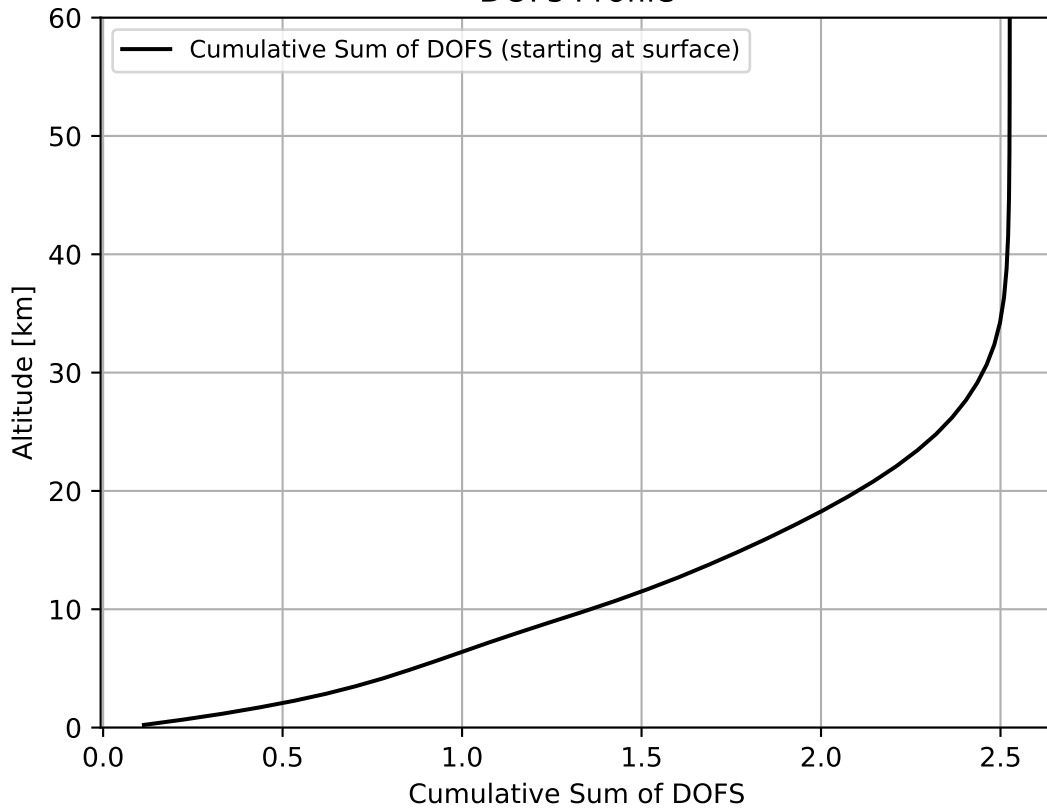
Averaging Kernels Scale Factor



## Averaging Kernels VMR



## DOFs Profile



SFIT4:v1.0.8 :Off-Release -- June 2020 RUNTIME:20200715-11:11:40 RETRIEVAL SUMMARY

4

03/07/2003 17:52:14UT Z:82.301 A:016.61 D:0101.7 R:0.0035 P:BX F:02.2727mr  
03/07/2003 17:52:14UT Z:82.301 A:016.61 D:0101.7 R:0.0035 P:BX F:02.2727mr  
03/07/2003 17:52:14UT Z:82.301 A:016.61 D:0101.7 R:0.0035 P:BX F:02.2727mr  
03/07/2003 17:52:14UT Z:82.301 A:016.61 D:0101.7 R:0.0035 P:BX F:02.2727mr

4

IRET	GAS_NAME	IFPRF	IFCELL	APR_COLUMN	RET_COLUMN
1	CH4	T	F	3.60428E+19	3.52495E+19
2	CO2	F	F	7.74839E+21	8.40342E+21
3	HDO	F	F	2.83326E+21	5.65113E+20
4	NO2	F	F	3.46490E+15	3.54122E+15

4

IBAND	NUSTART	NUSTOP	SPACE	NPTSB	PMAX	FOVDIA	MEAN_FIT_SNR	NSCAN	JSCAN	INIT_SNR	EFF
1	2613.70000	2615.40000	0.001944443	874	257.14	2.272700	155.371264	1			
						1	150.000	150.000	155.371		
2	2650.60000	2651.30000	0.001944443	360	257.14	2.272700	176.830329	1			
						1	163.080	163.080	176.830		
3	2835.50000	2835.80000	0.001944443	155	257.14	2.272700	237.260322	1			
						1	232.666	232.666	237.260		
4	2903.60000	2904.03000	0.001944443	221	257.14	2.272700	192.583816	1			
						1	232.666	232.666	192.584		
	FITRMS	CHI_2_Y	DOFS_ALL	DOFS_TRG	DOFS_TPR	ITER	MAX_ITER	CONVERGED	DIVWARN		
	0.591410	0.986475	11.532	2.526	0.000	3	30	T	F		