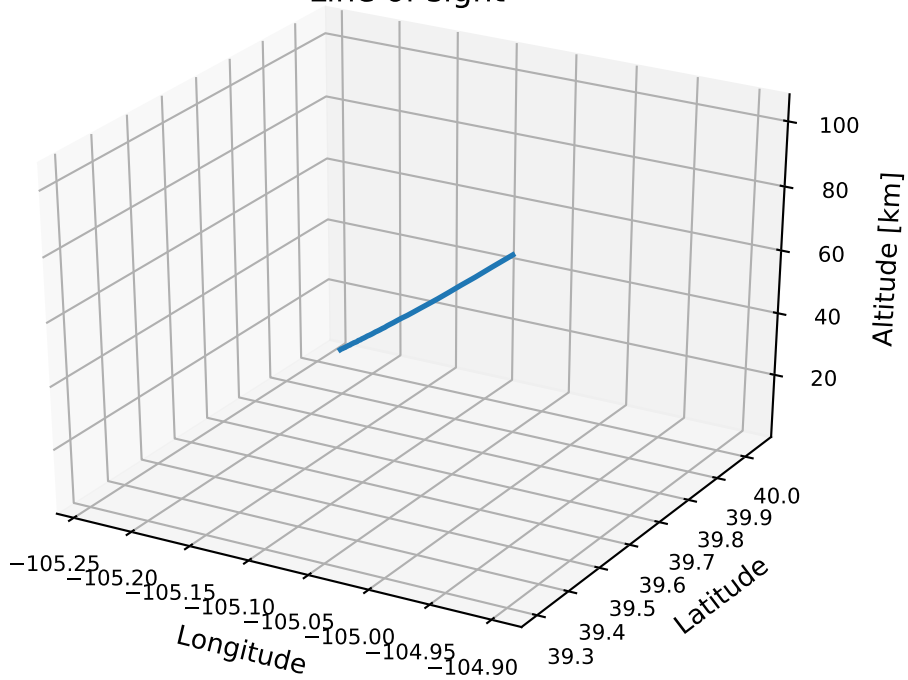
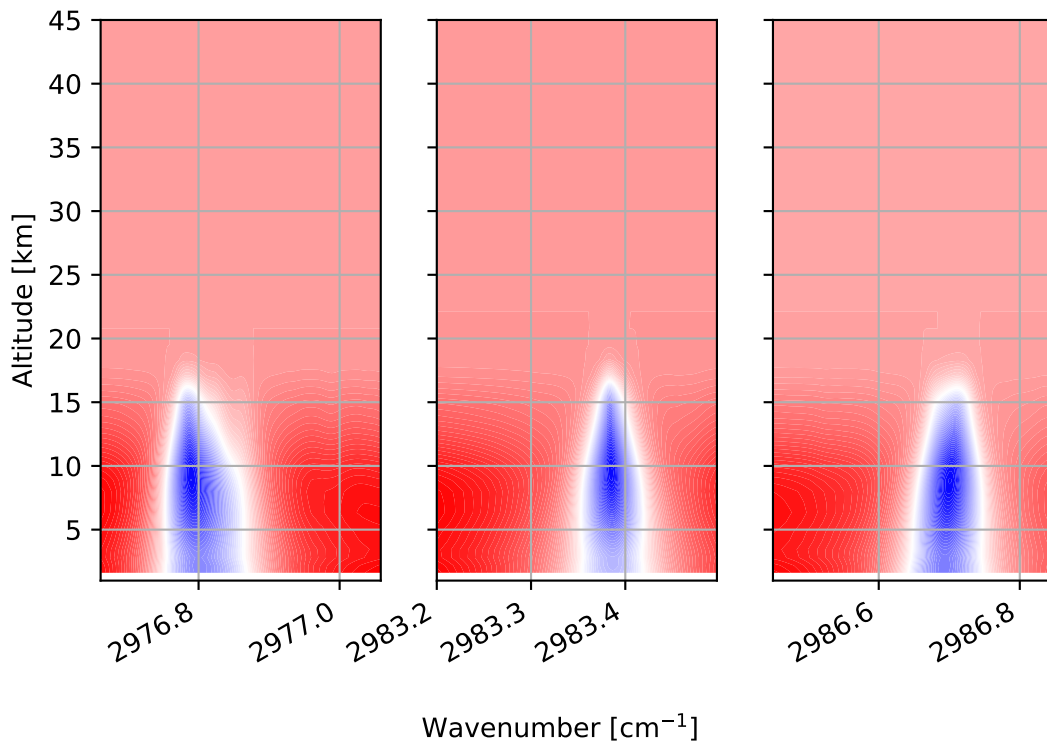
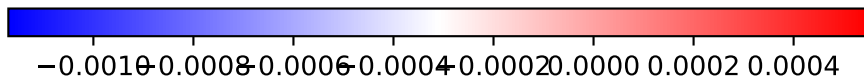


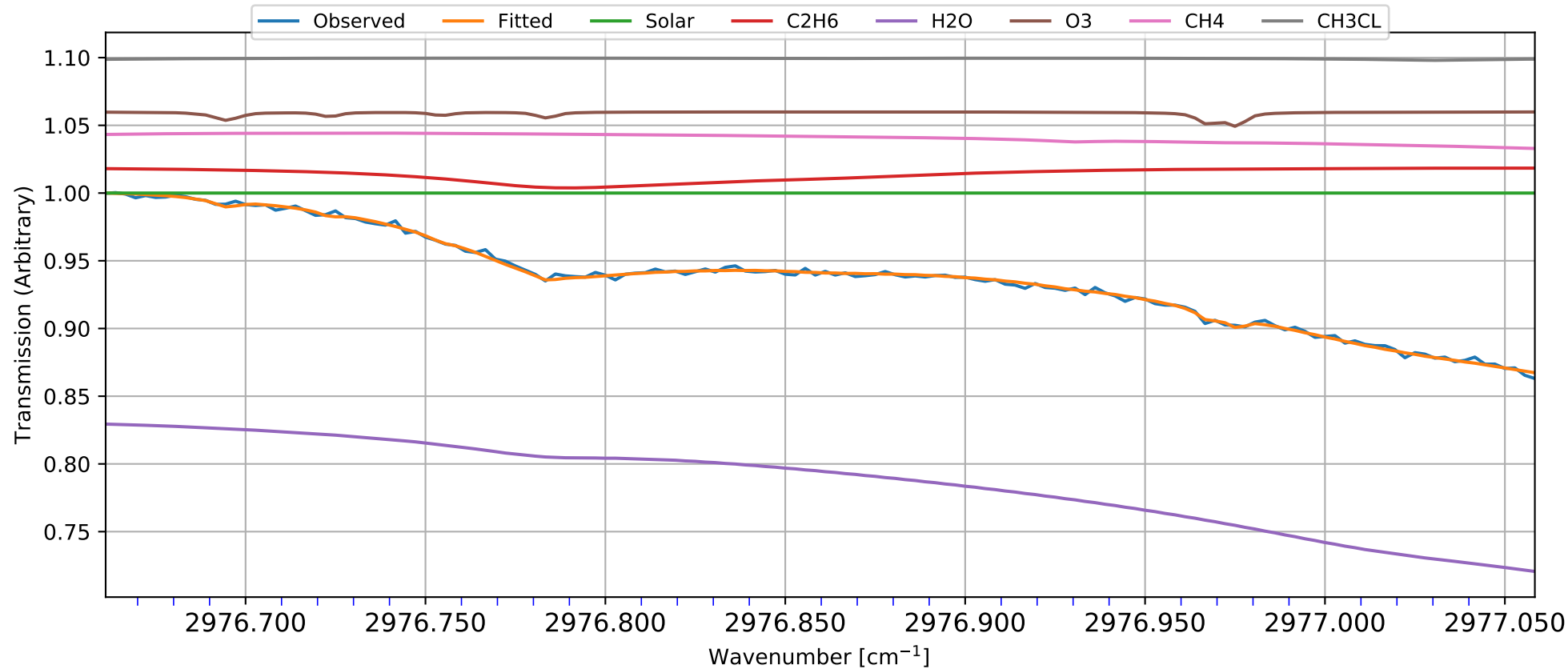
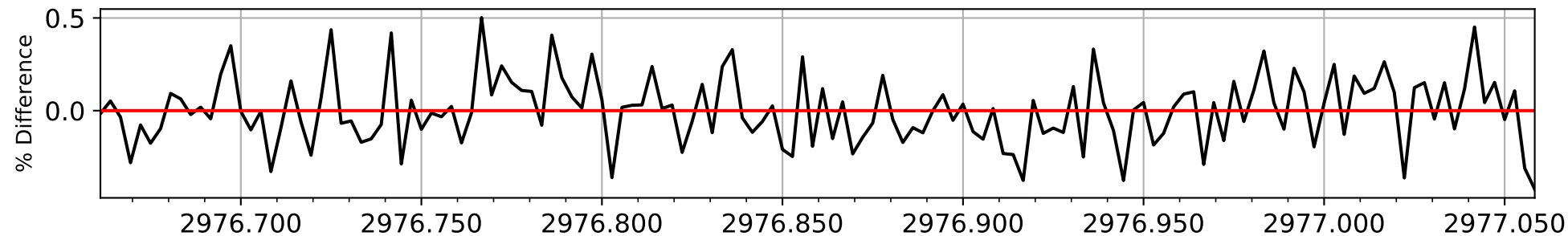
# Line of sight



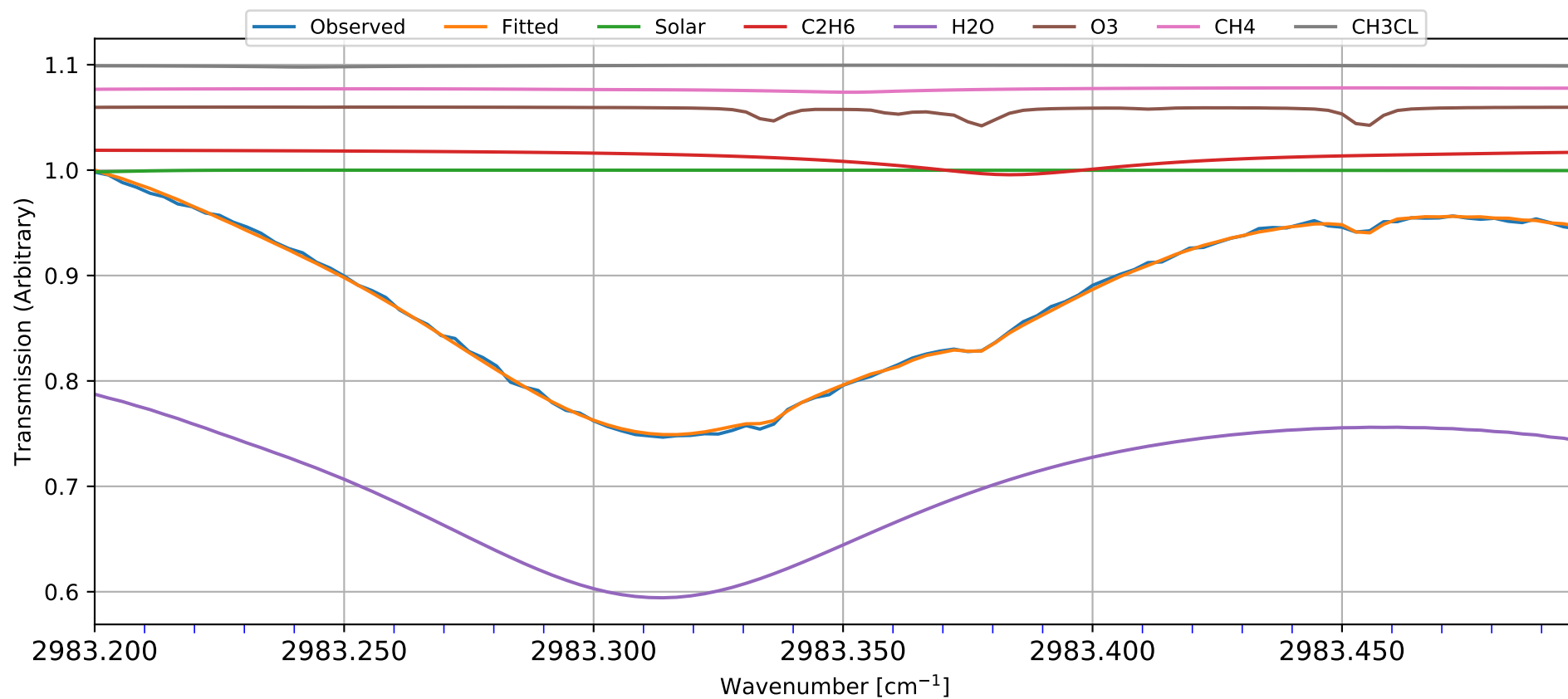
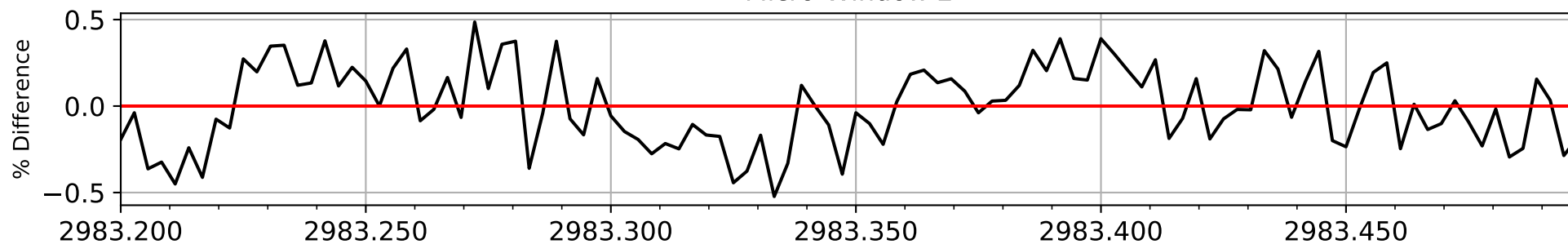
# Jacobian Matrix



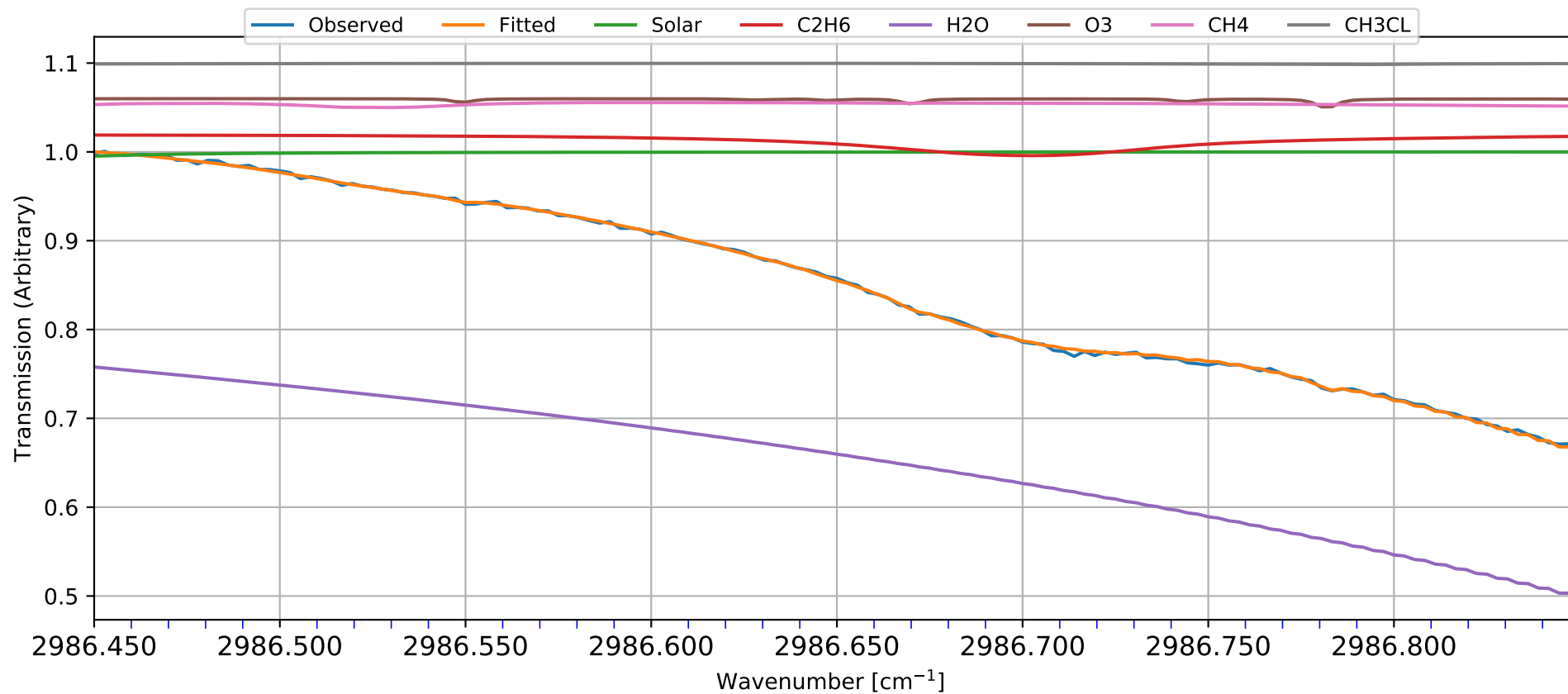
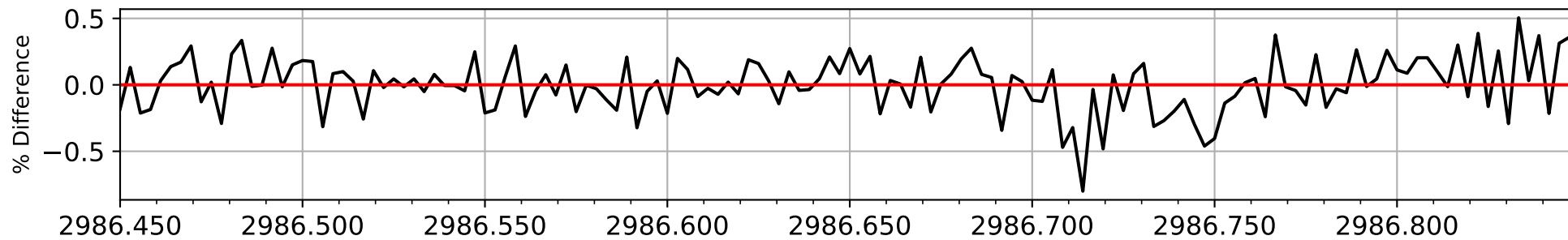
Micro-Window 1



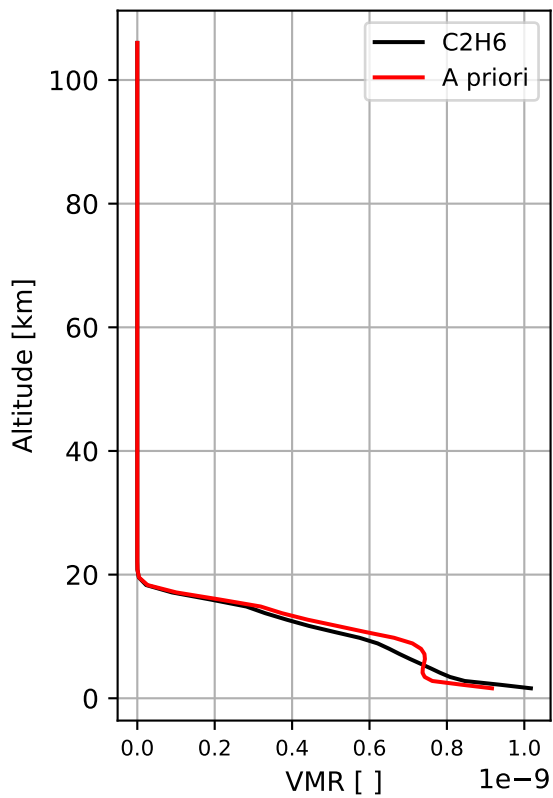
Micro-Window 2



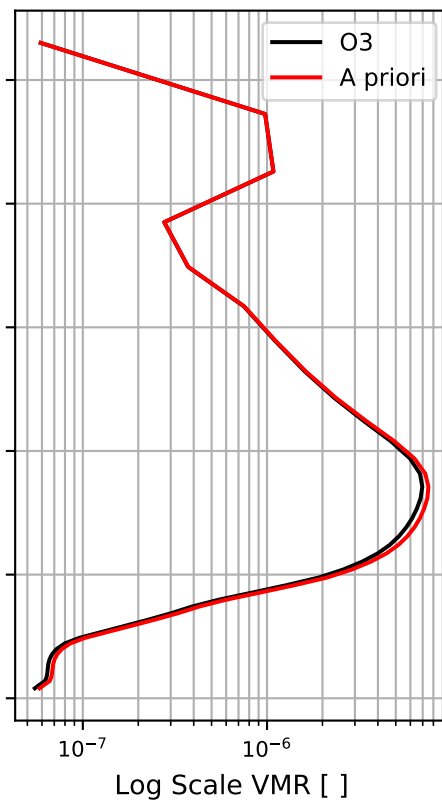
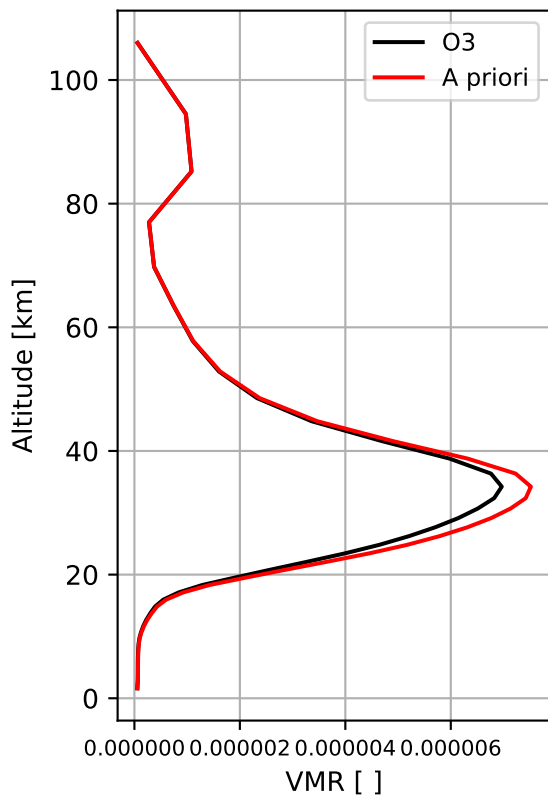
Micro-Window 3



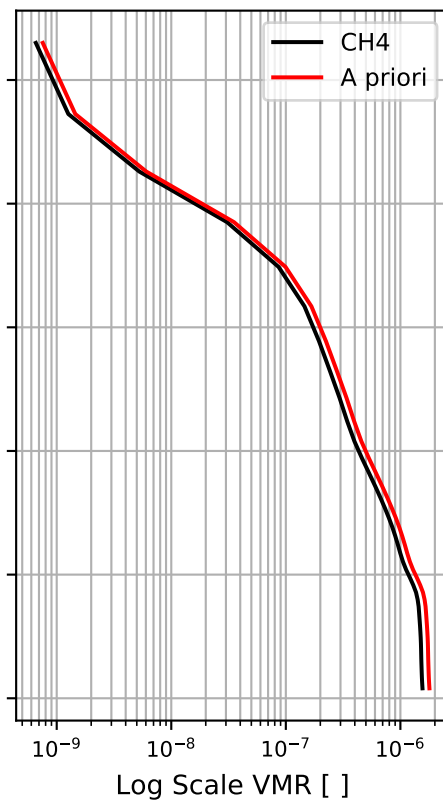
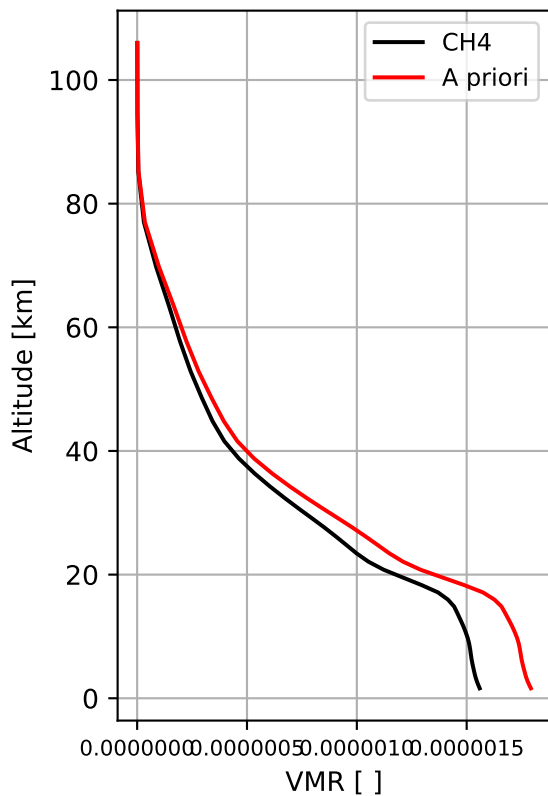
# C2H6



# O3

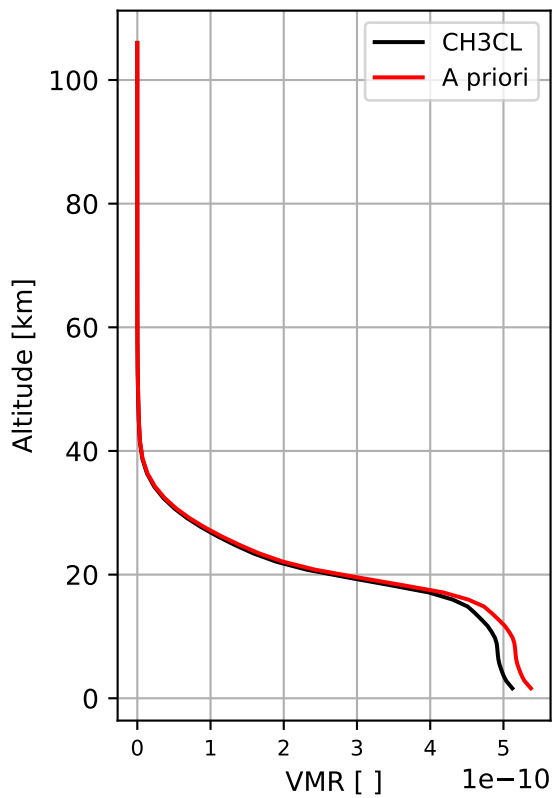


# CH<sub>4</sub>

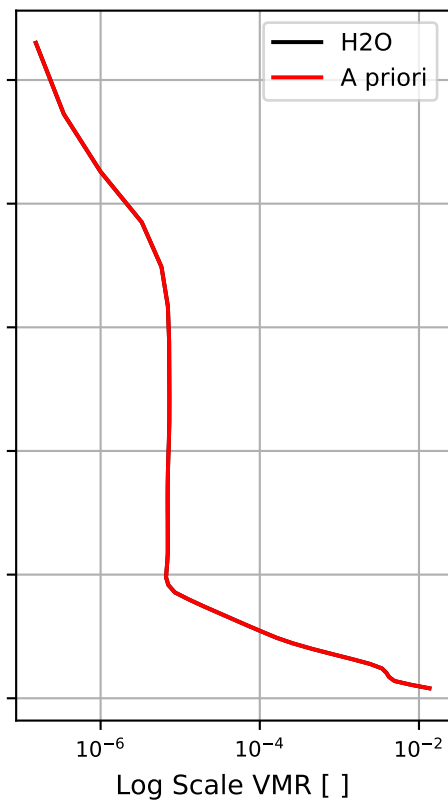
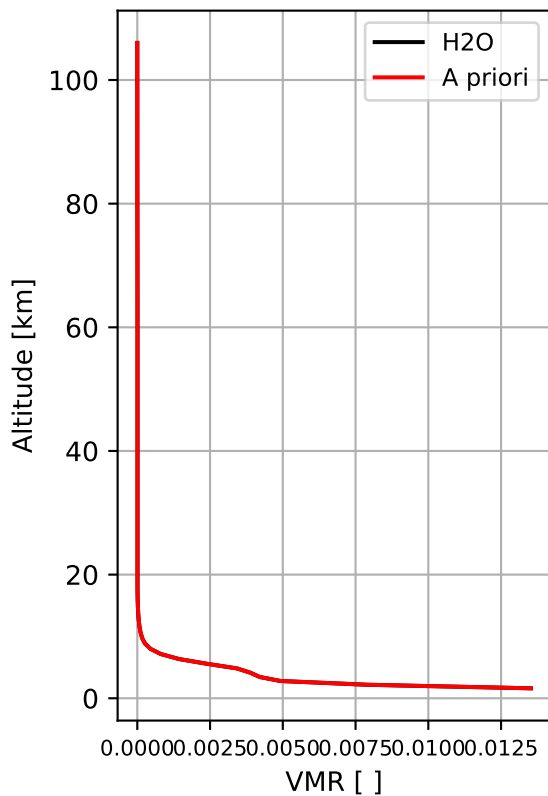


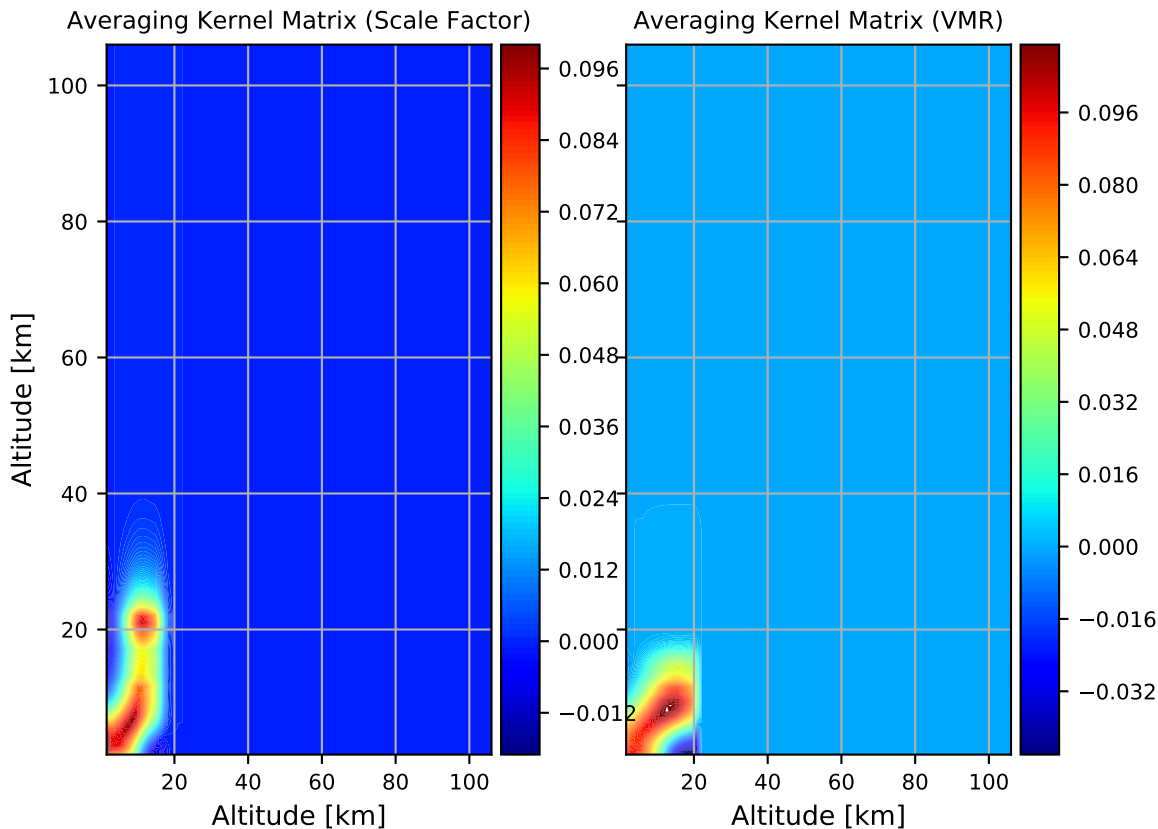


# CH<sub>3</sub>CL

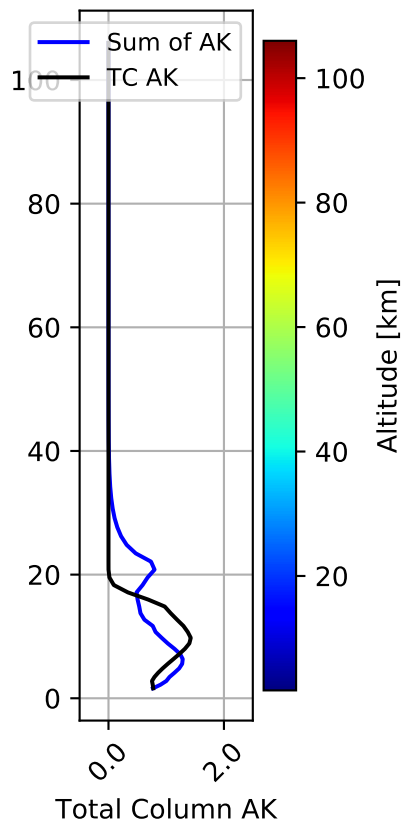
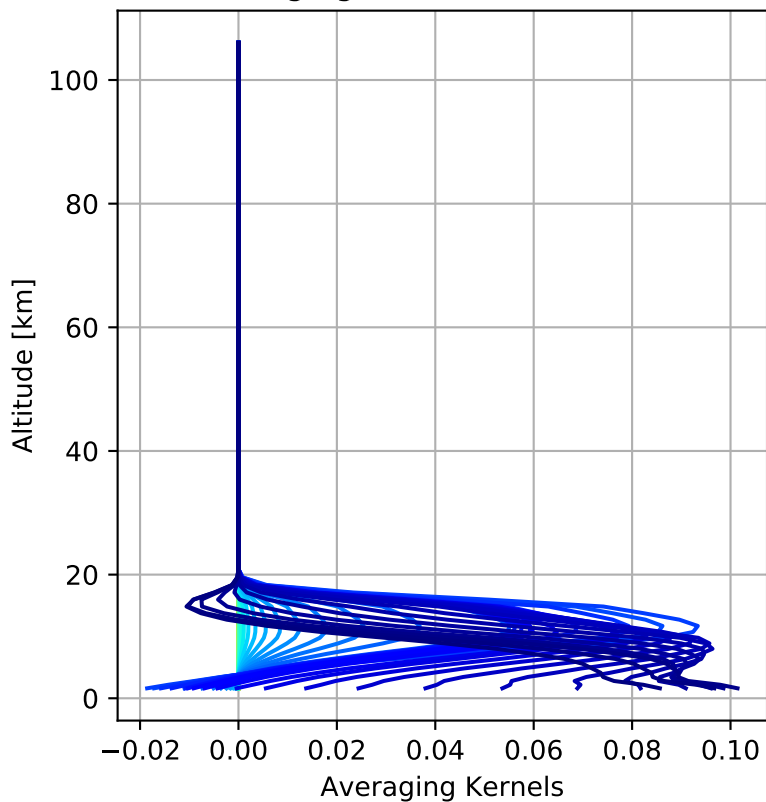


# H<sub>2</sub>O

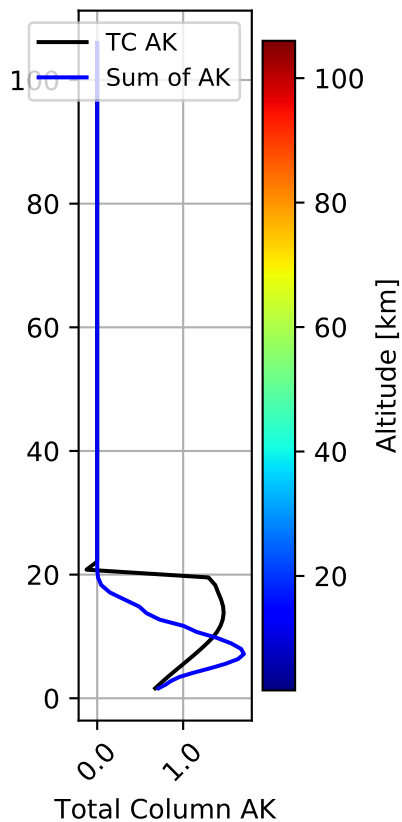
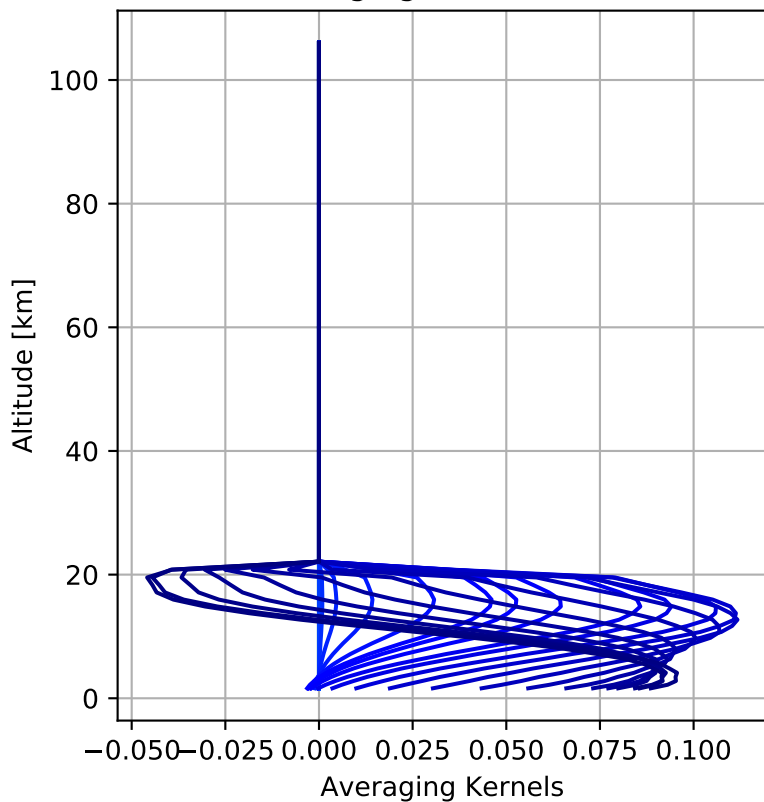




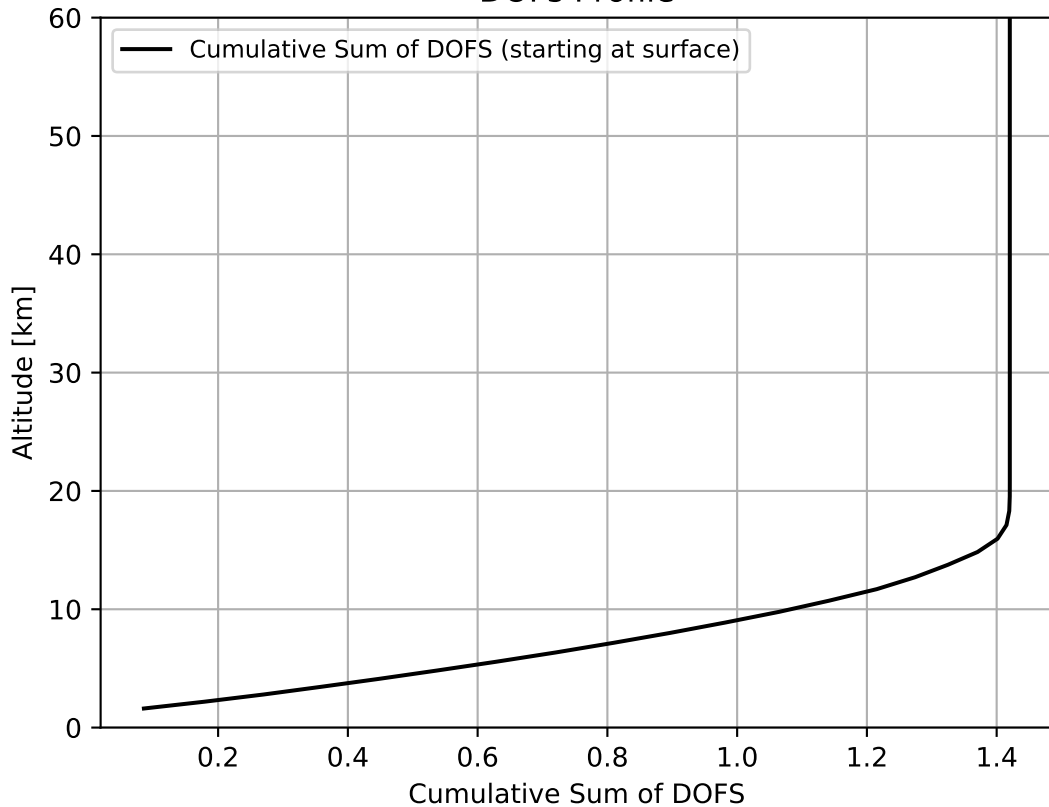
## Averaging Kernels Scale Factor



## Averaging Kernels VMR



## DOFs Profile



SFIT4:v1.0.10 :Off-Release -- July 2020 RUNTIME:20201015-10:52:43 RETRIEVAL SUMMARY

3

20190919 18:04:27UT Z:040.312 A:340.33 D:0204.7 R:0.0035 P:BX V:02.3923 E:6365  
20190919 18:04:27UT Z:040.312 A:340.33 D:0204.7 R:0.0035 P:BX V:02.3923 E:6365  
20190919 18:04:27UT Z:040.312 A:340.33 D:0204.7 R:0.0035 P:BX V:02.3923 E:6365

5

IRET	GAS_NAME	IFPRF	IFCELL	APR_COLUMN	RET_COLUMN
1	C2H6	T	F	4.04296E+15	1.08580E+16
2	O3	T	F	8.28341E+18	7.55106E+18
3	CH4	F	F	2.99012E+19	2.60127E+19
4	CH3CL	F	F	8.59285E+15	8.18830E+15
5	H2O	F	F	4.86348E+22	4.86297E+22

3

IBAND	NUSTART	NUSTOP	SPACE	NPTSB	PMAX	FOVDIA	MEAN_FIT_SNR	NSCAN	JSCAN	INIT_SNR	EFF
1	2976.66000	2977.05900	0.002777778	144	180.00	2.392300	515.490724	1			
						1	394.291	394.291	515.491		
2	2983.20000	2983.50000	0.002777778	108	180.00	2.392300	384.276472	1			
						1	414.593	414.593	384.276		
3	2986.45000	2986.85000	0.002777778	144	180.00	2.392300	416.565944	1			
						1	393.310	393.310	416.566		
	FITRMS	CHI_2_Y	DOFS_ALL	DOFS_TRG	DOFS_TPR	ITER	MAX_ITER	CONVERGED	DIVWARN		
	0.229559	0.982824	10.913	1.420	0.000	4	25	T	F		