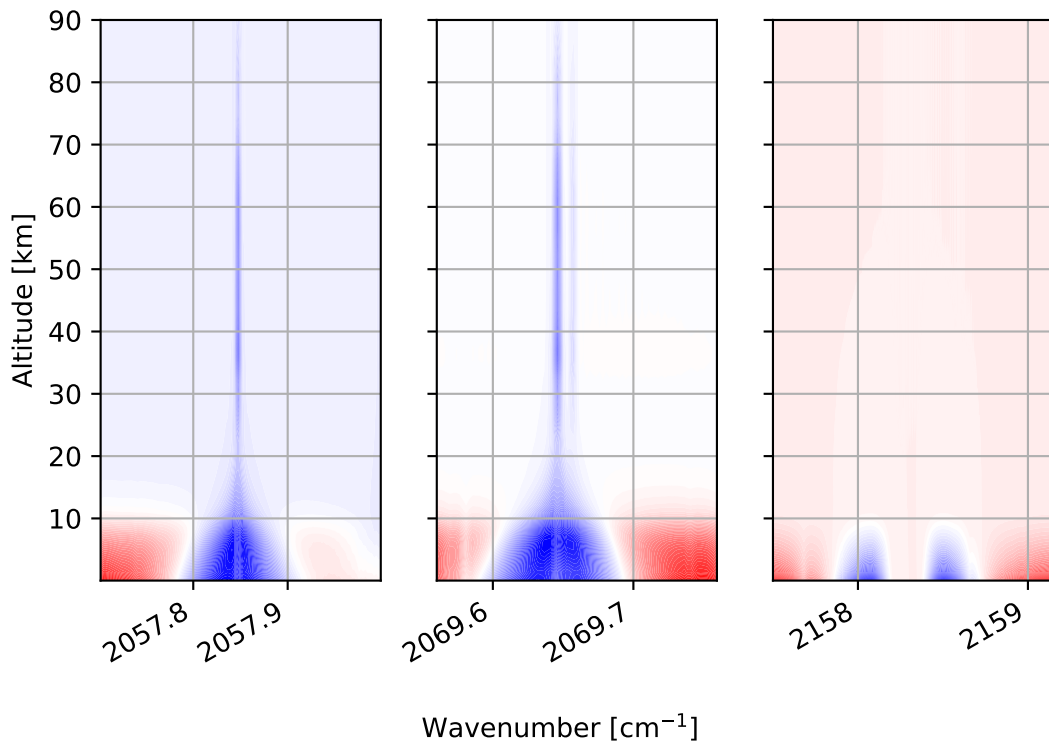
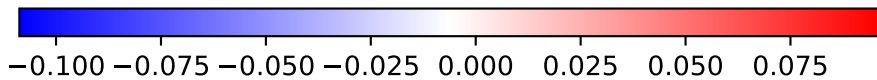
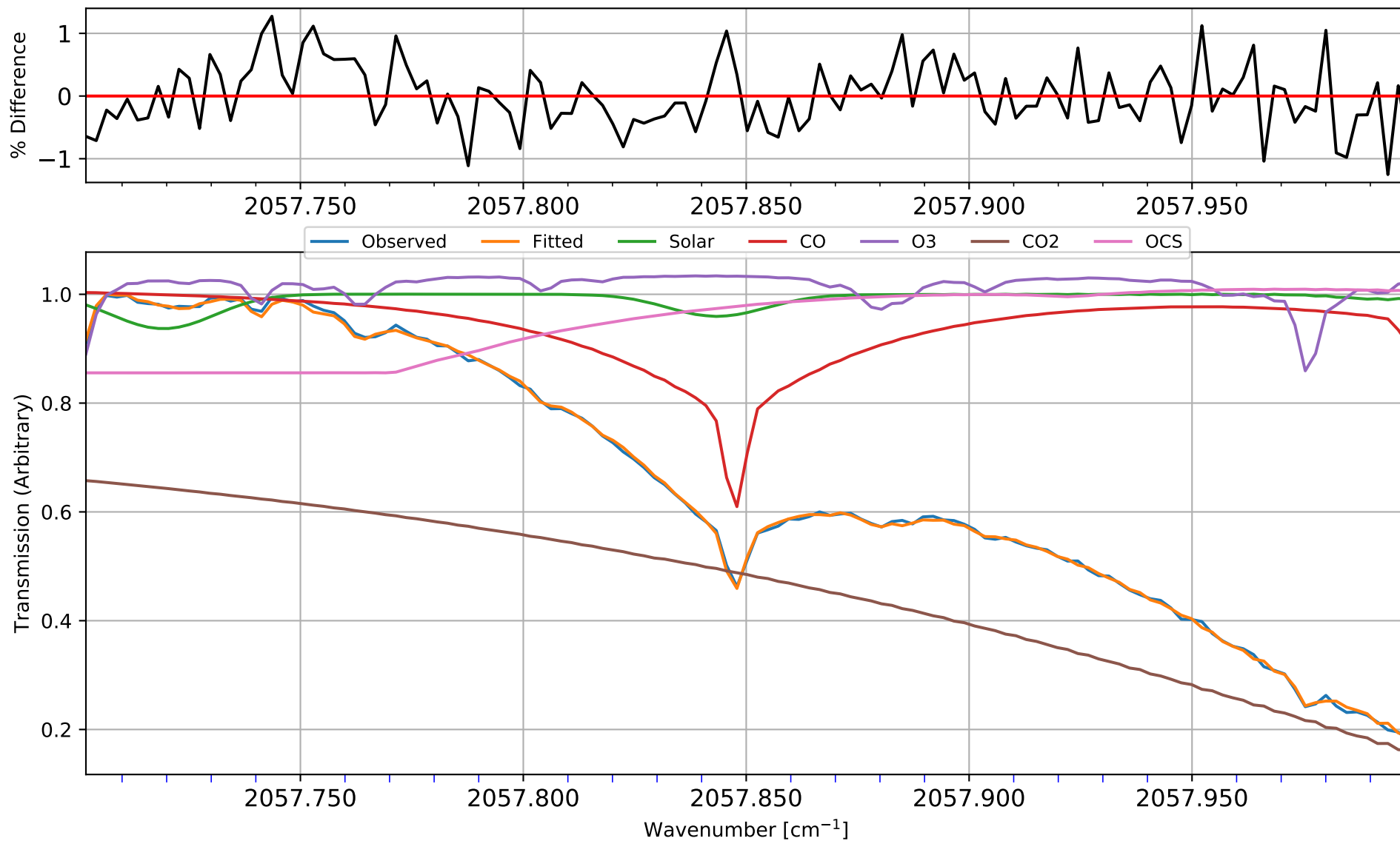


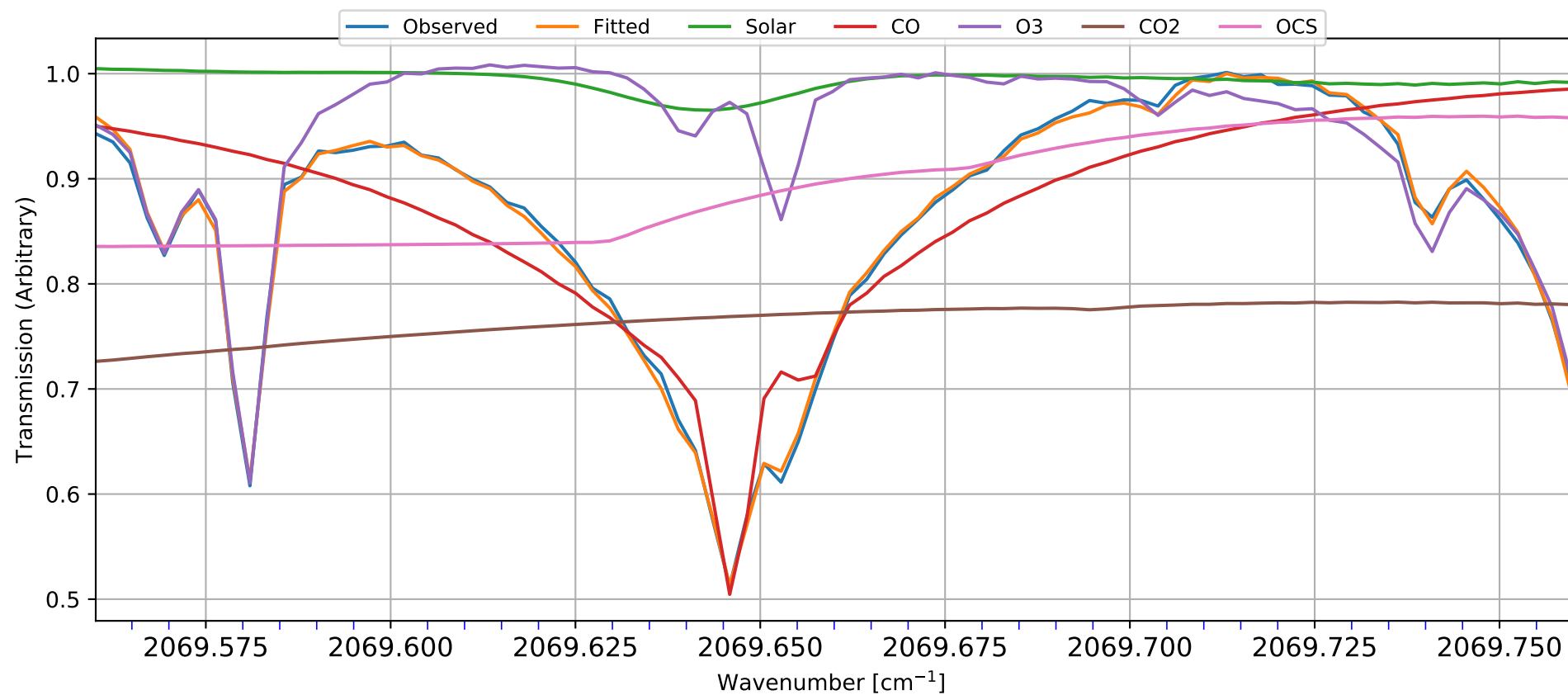
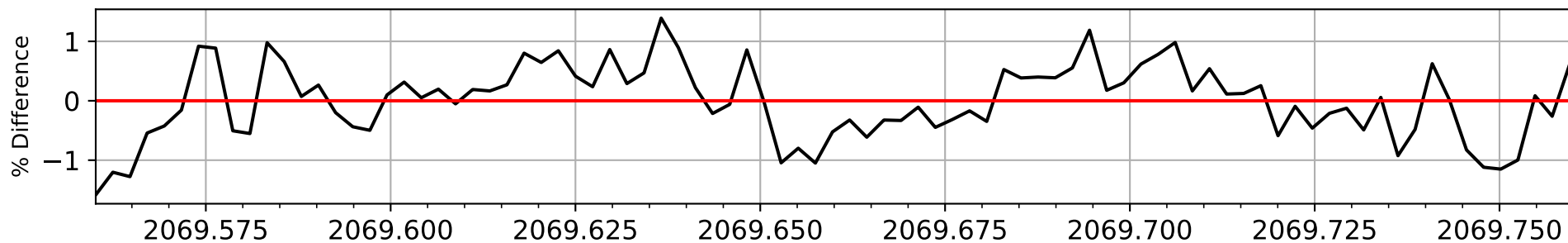
# Jacobian Matrix



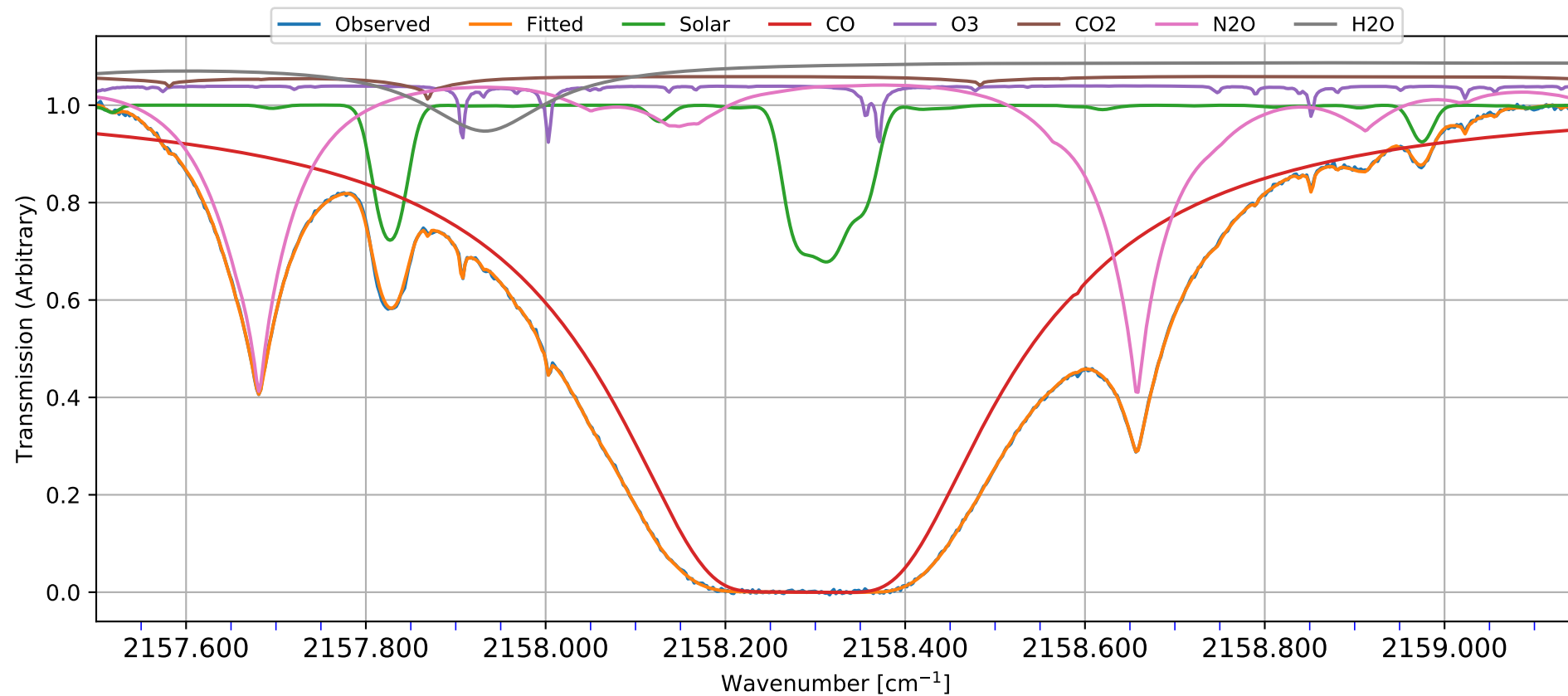
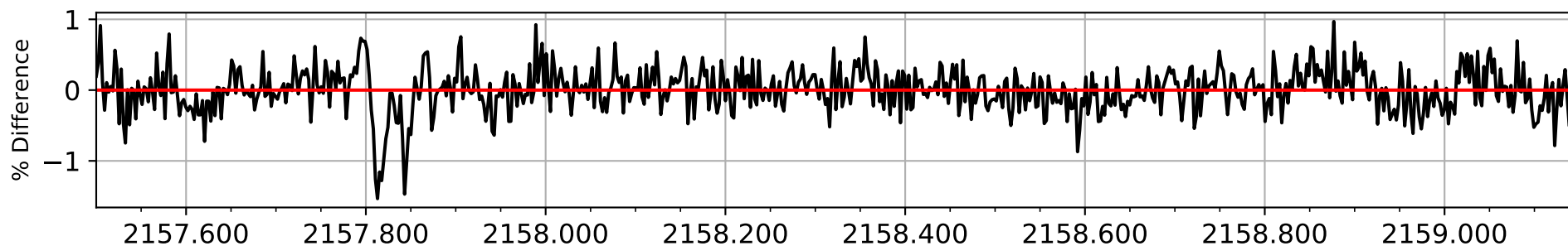
Micro-Window 1



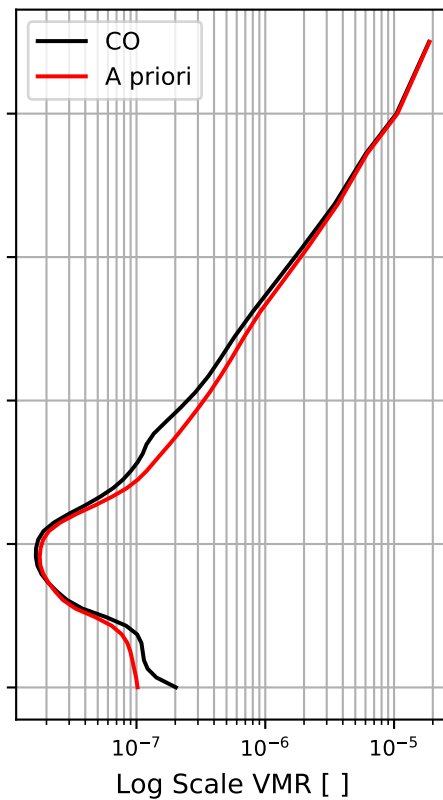
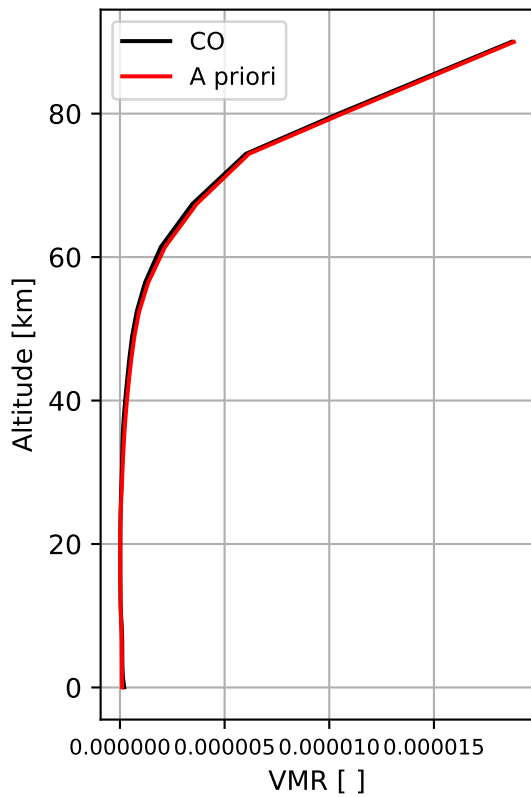
Micro-Window 2



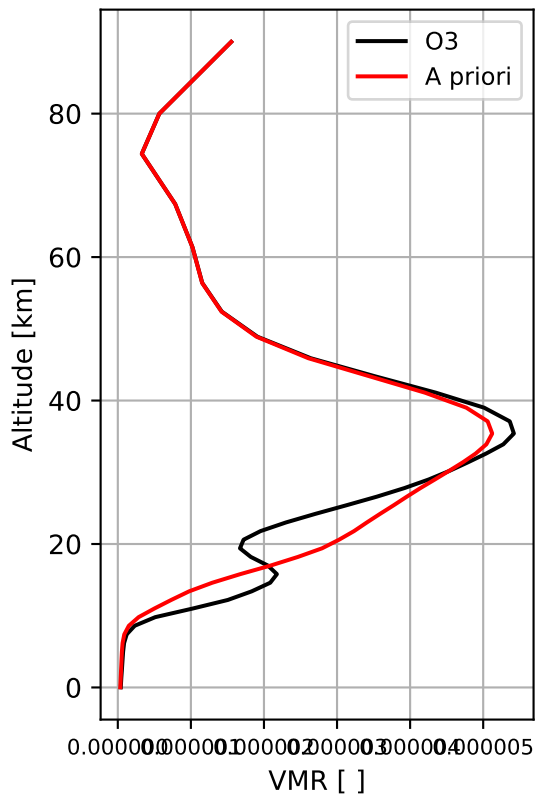
Micro-Window 3



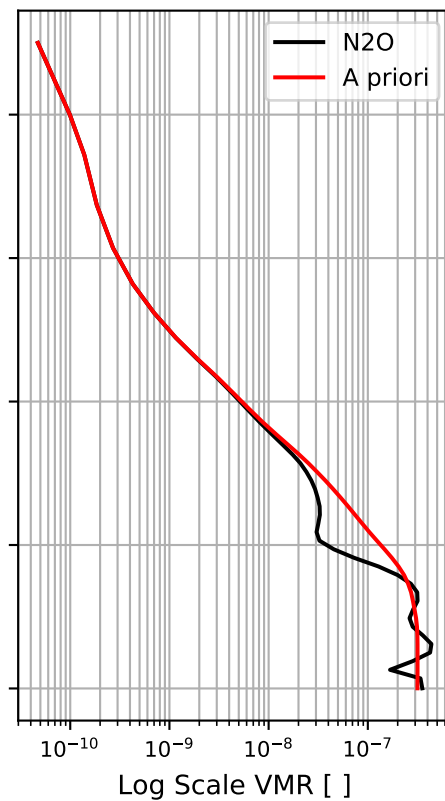
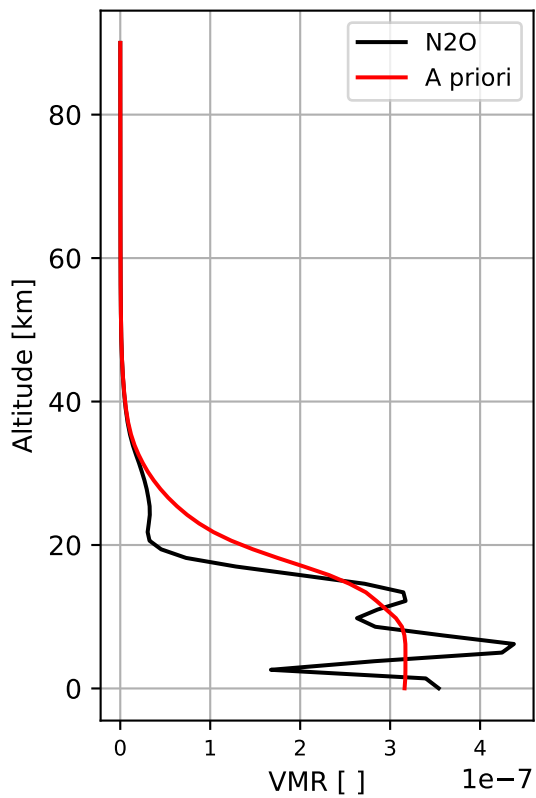
# CO



# O3

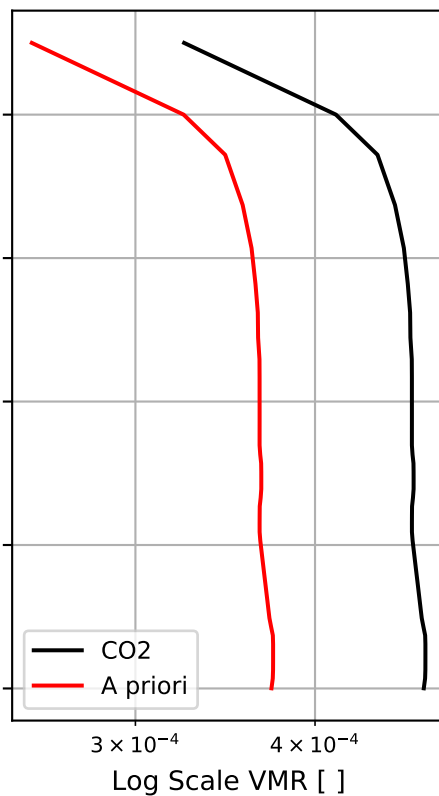
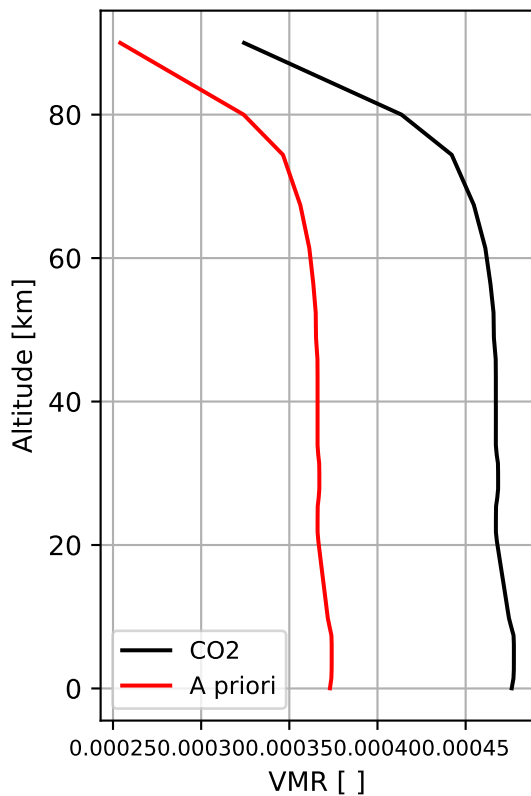


# N<sub>2</sub>O

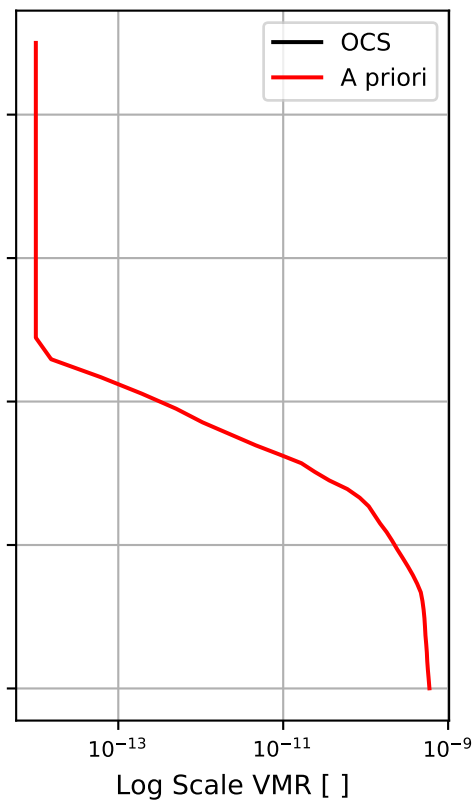
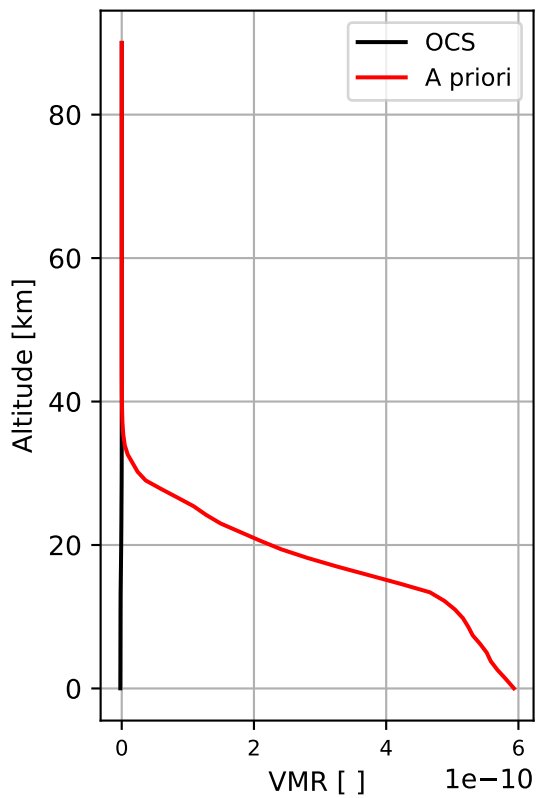




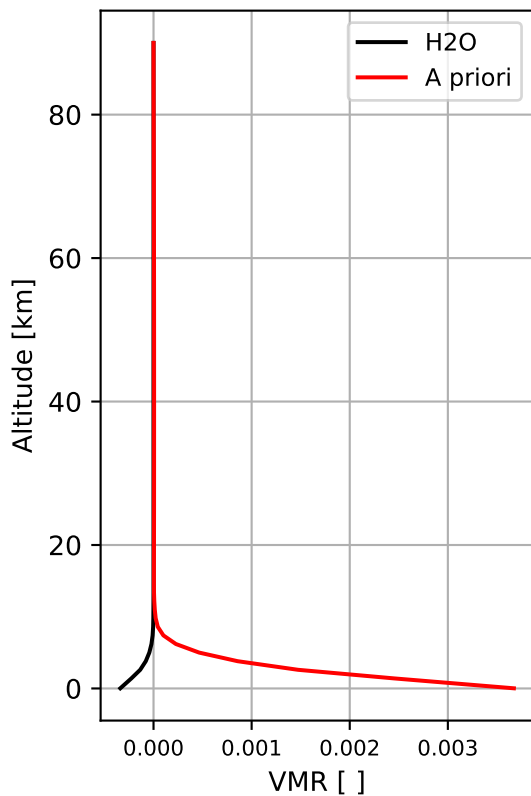
# CO<sub>2</sub>

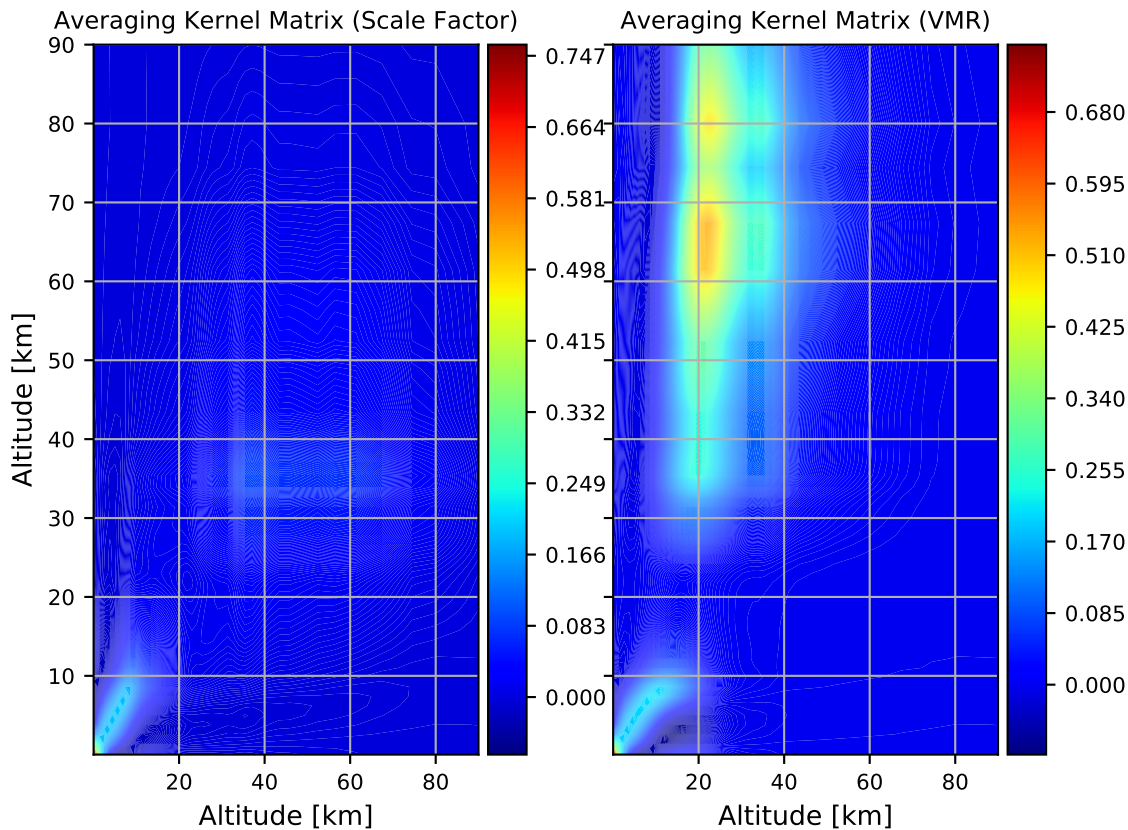


# OCS

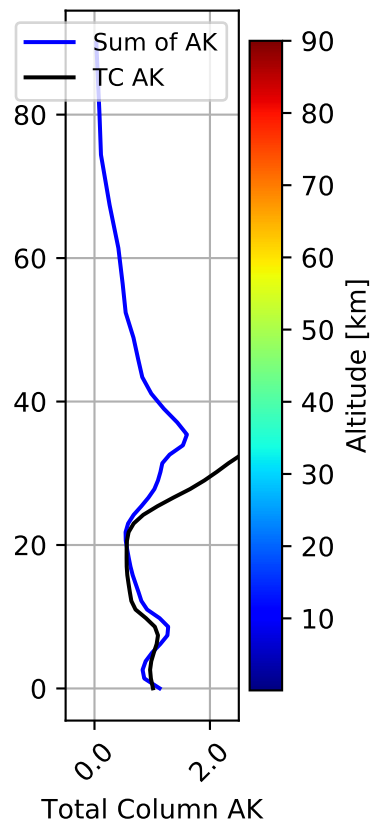
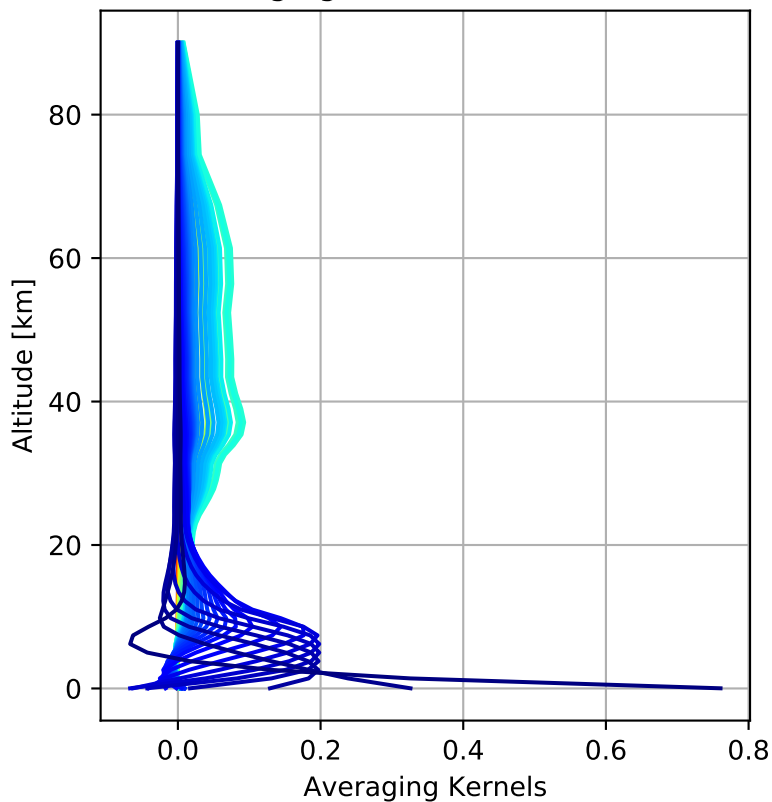


# H<sub>2</sub>O

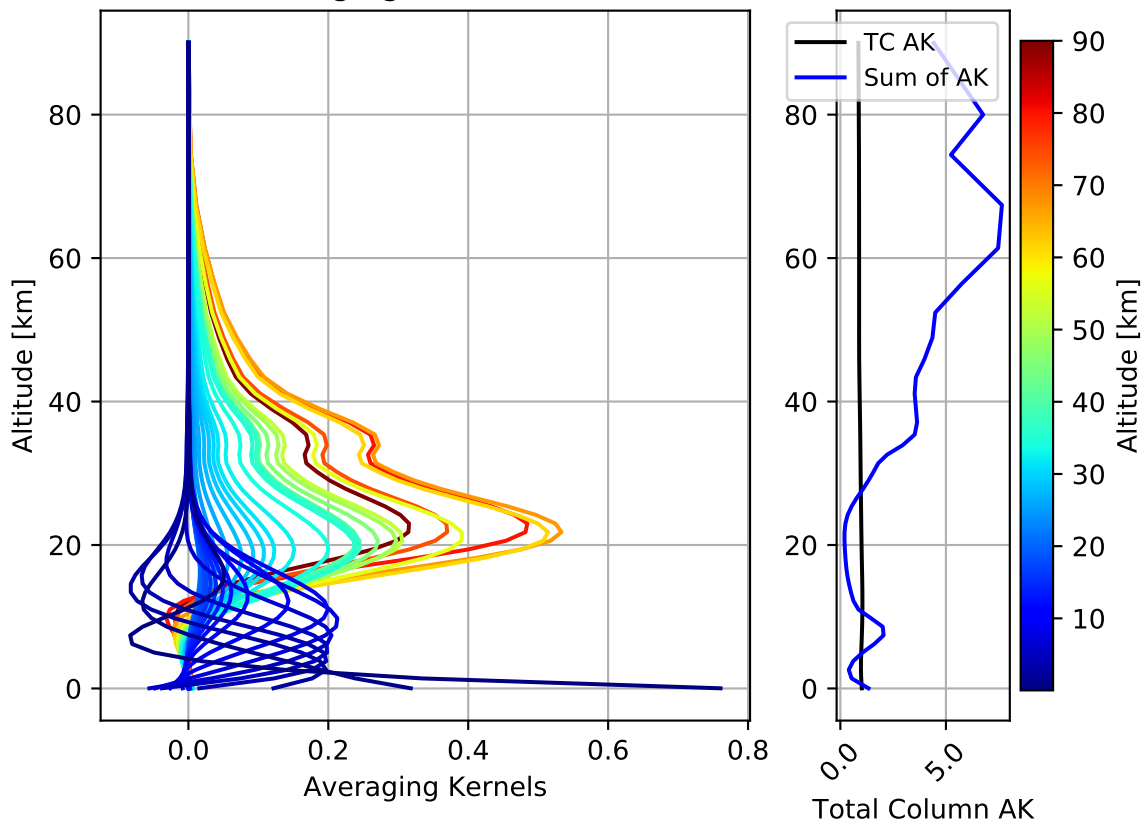




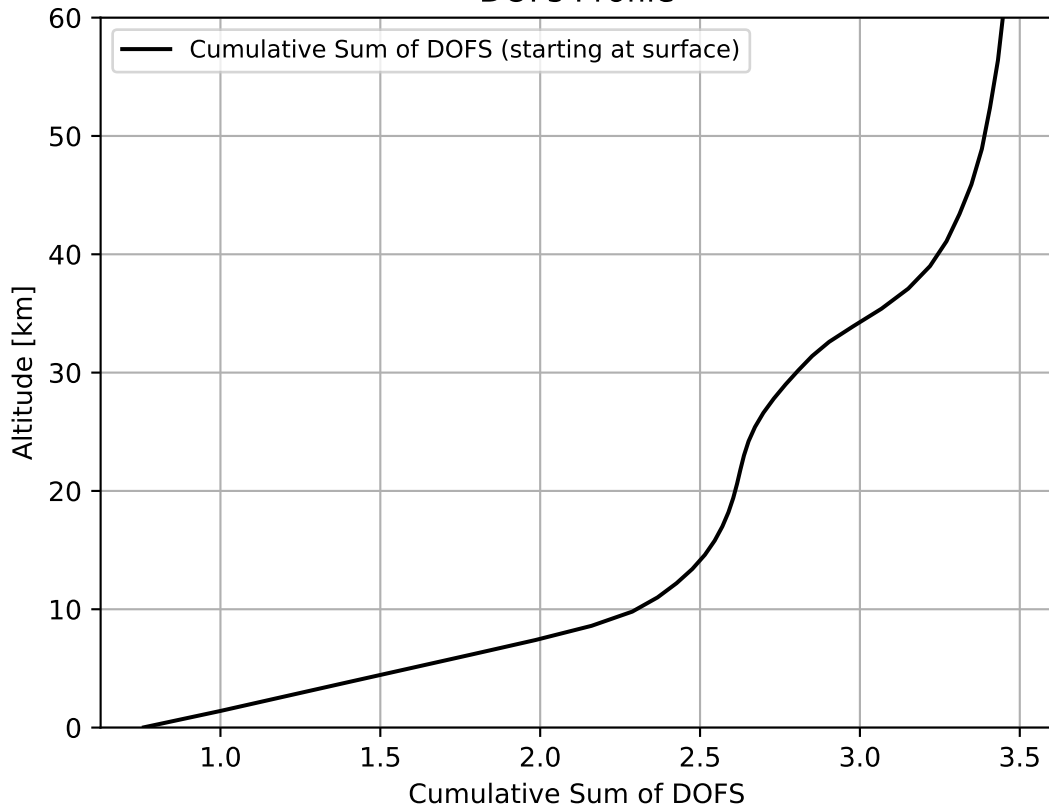
## Averaging Kernels Scale Factor



## Averaging Kernels VMR



## DOFs Profile



SFIT4:v1.0.8 :Off-Release -- June 2020 RUNTIME:20200715-09:50:25 RETRIEVAL SUMMARY

3

25/03/2011, 09:52:32, SCAN TIME:142.52 SEC. RES= 0.0050 APOD FN = BX  
25/03/2011, 09:52:32, SCAN TIME:142.52 SEC. RES= 0.0050 APOD FN = BX  
25/03/2011, 09:52:32, SCAN TIME:142.52 SEC. RES= 0.0050 APOD FN = BX

6

IRET	GAS_NAME	IFPRF	IFCELL	APR_COLUMN	RET_COLUMN
1	CO	T	F	1.71389E+18	2.41168E+18
2	O3	T	F	8.64601E+18	1.00329E+19
3	N2O	T	F	6.31939E+18	6.38478E+18
4	CO2	F	F	7.96051E+21	1.01598E+22
5	OCS	F	F	1.11414E+16	-4.04895E+13
6	H2O	F	F	2.62127E+22	-2.41670E+21

3

IBAND	NUSTART	NUSTOP	SPACE	NPTSB	PMAX	FOVDIA	MEAN_FIT_SNR	NSCAN	JSCAN	INIT_SNR	EFF
1	2057.70000	2058.00000	0.002317869	129	180.00	2.392300	128.449797	1			
						1	184.500	184.500	128.450		
2	2069.56000	2069.76000	0.002317869	87	180.00	2.392300	138.314080	1			
						1	191.280	191.280	138.314		
3	2157.50000	2159.15000	0.002317869	712	180.00	2.392300	174.885776	1			
						1	153.350	153.350	174.886		
	FITRMS	CHI_2_Y	DOFS_ALL	DOFS_TRG	DOFS_TPR	ITER	MAX_ITER	CONVERGED	DIVWARN		
	0.618500	1.050895	27.230	3.469	0.000	9	17	T	F		