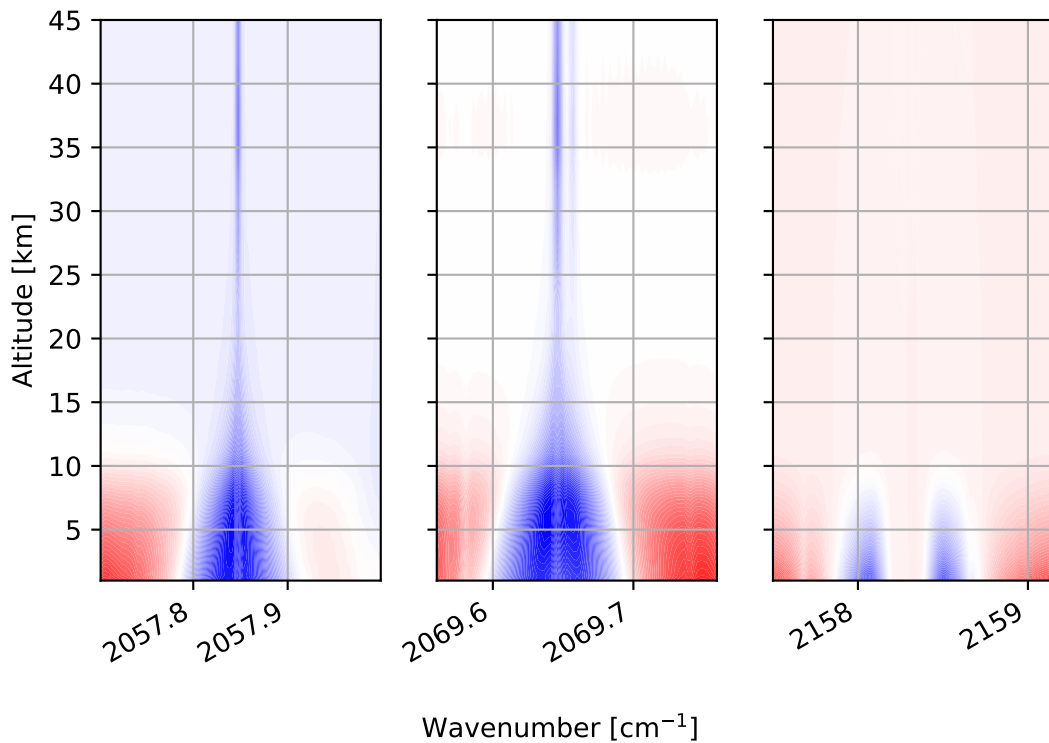
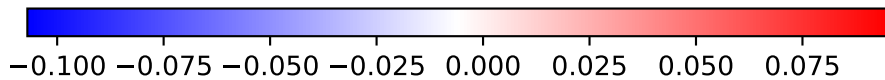
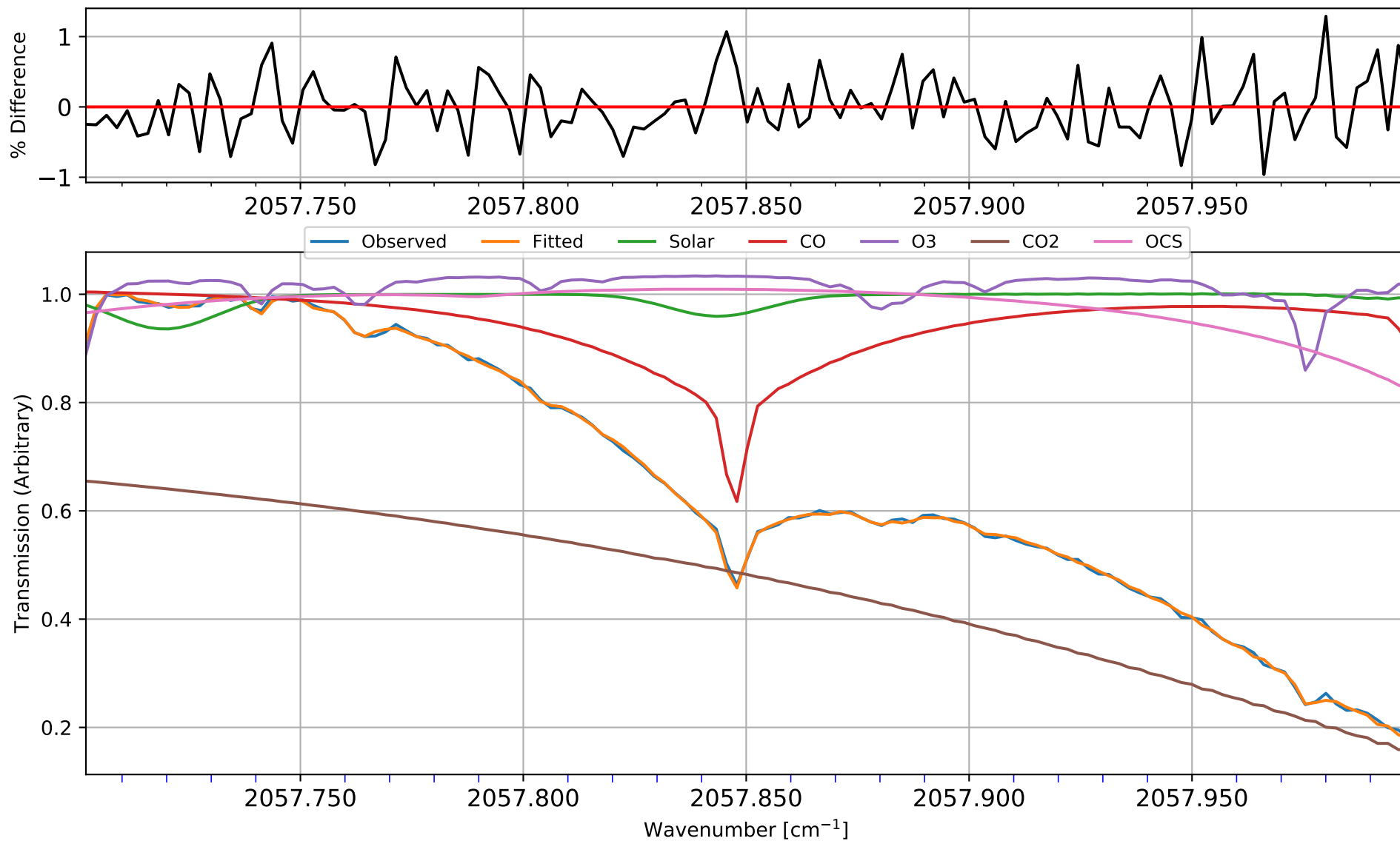


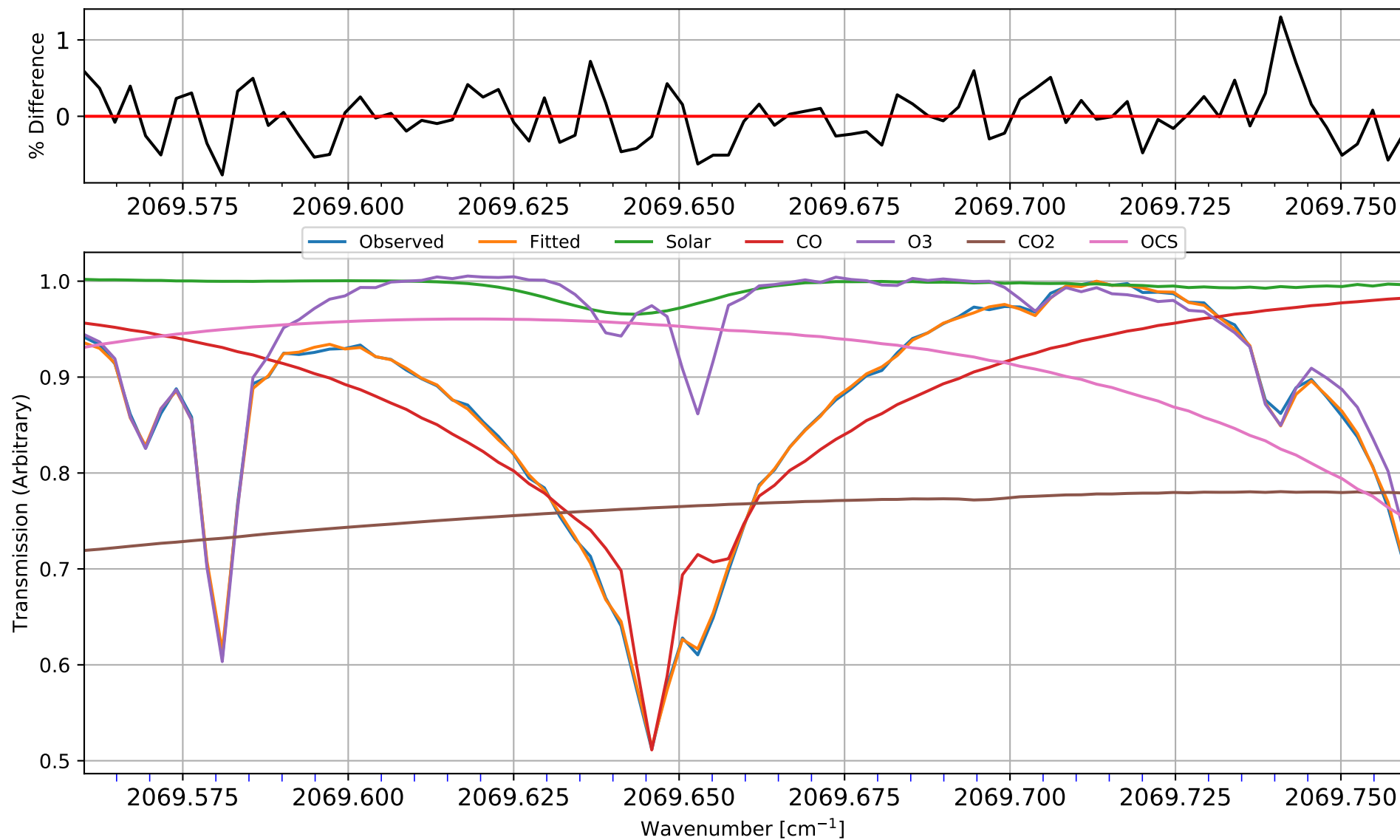
# Jacobian Matrix



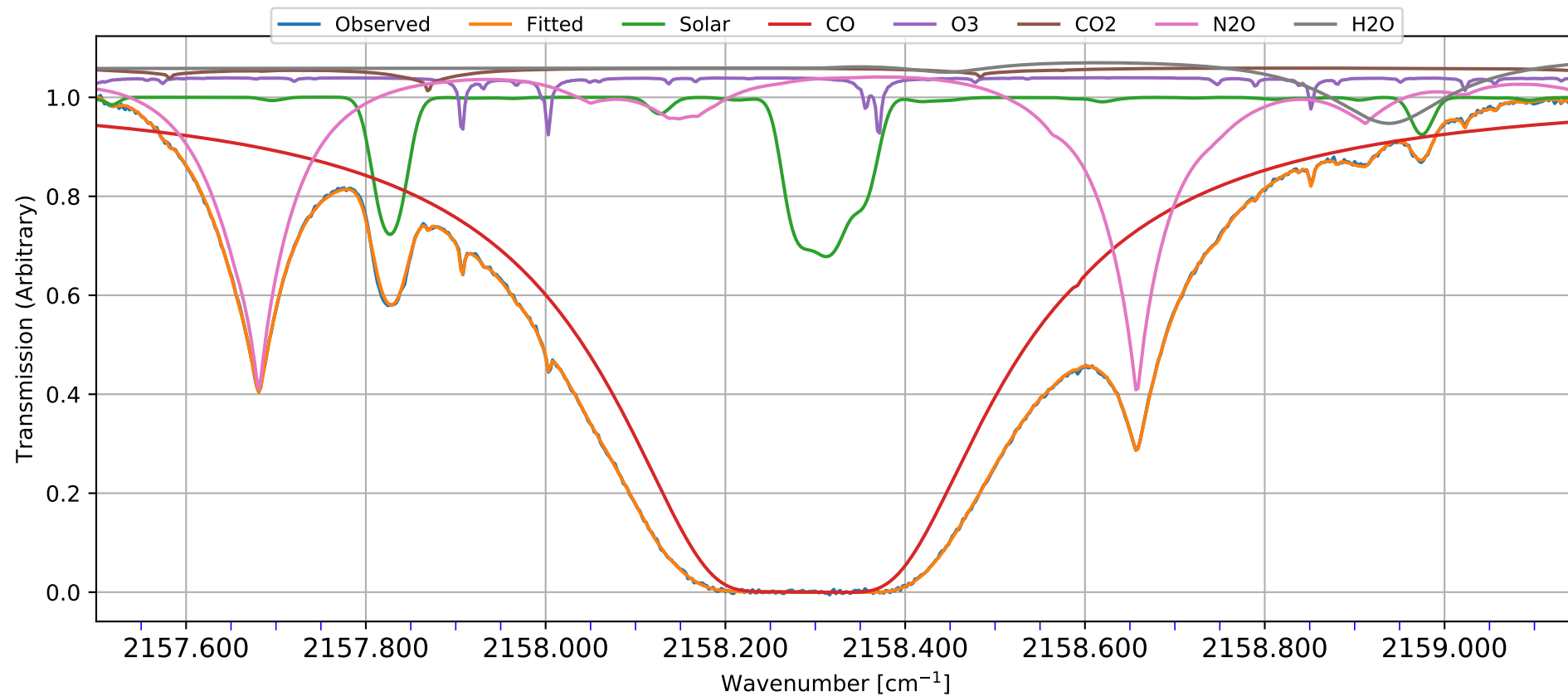
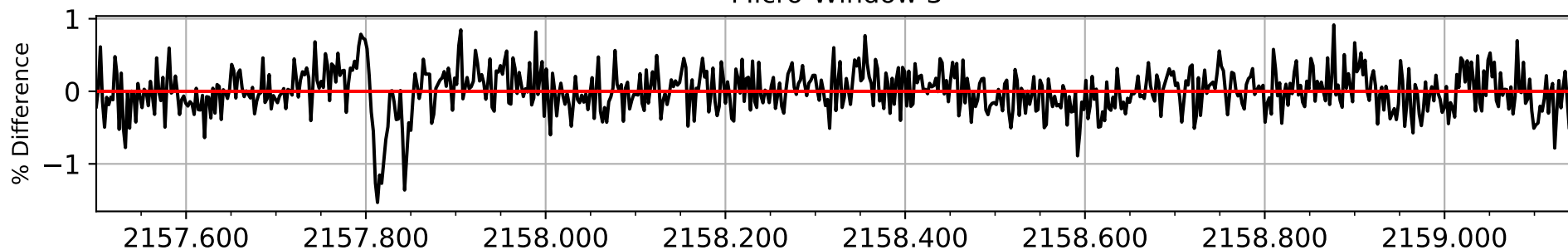
Micro-Window 1



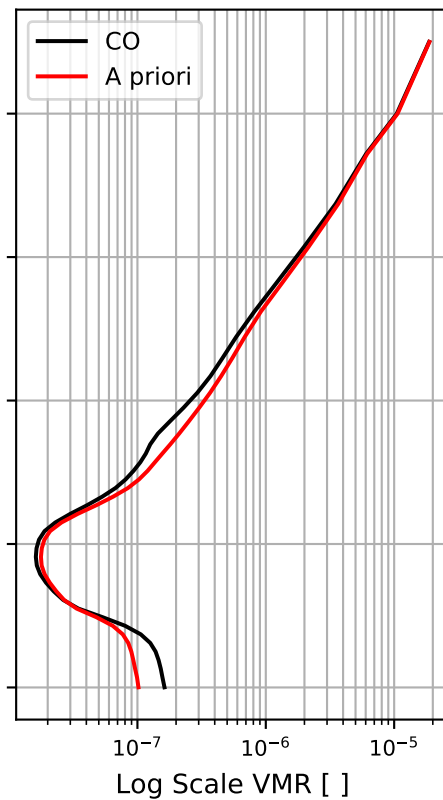
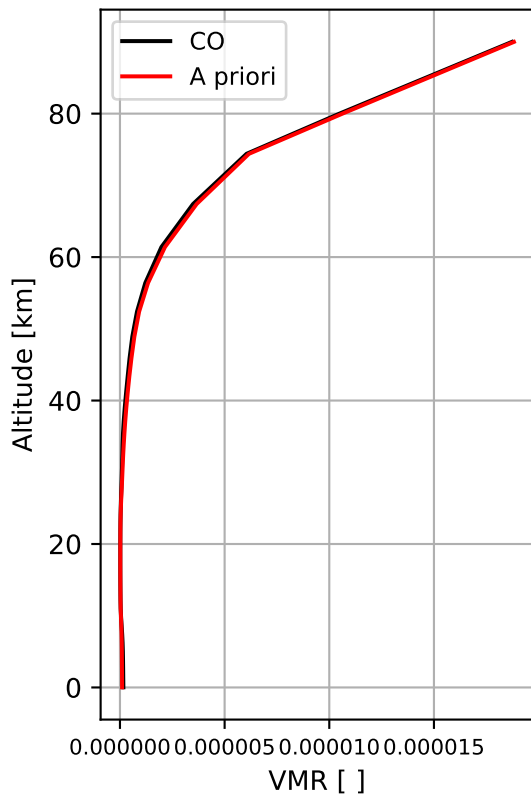
Micro-Window 2



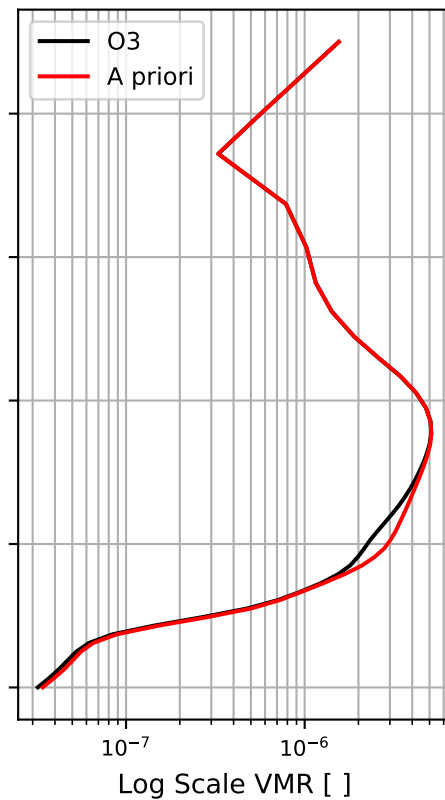
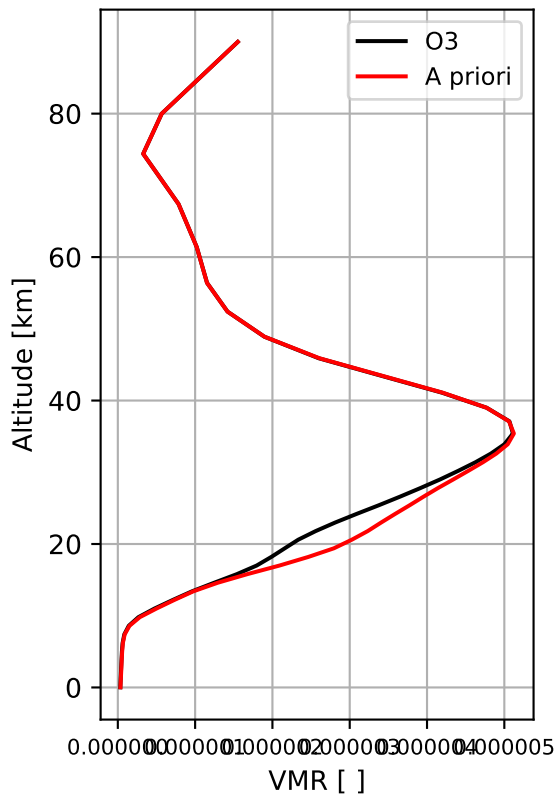
Micro-Window 3



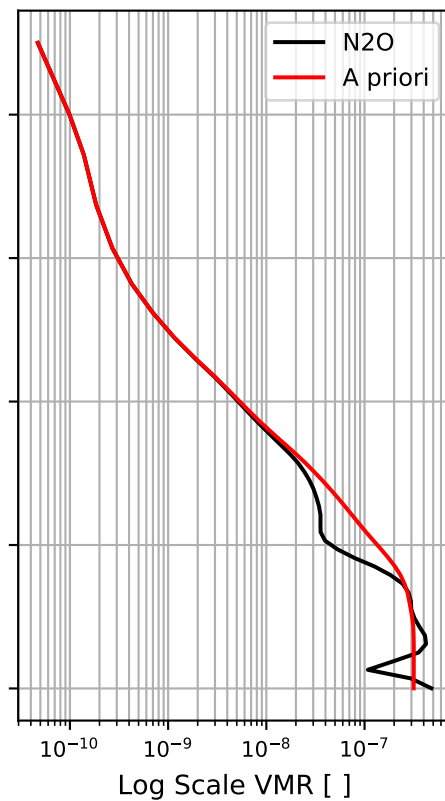
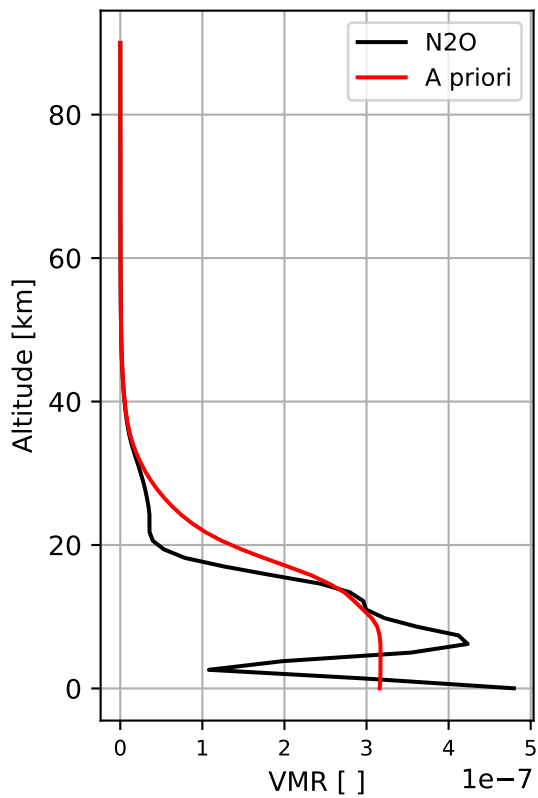
# CO



# O3

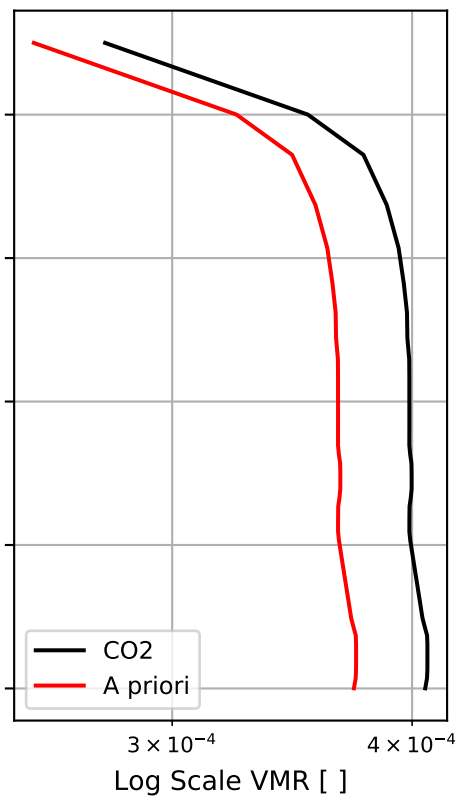
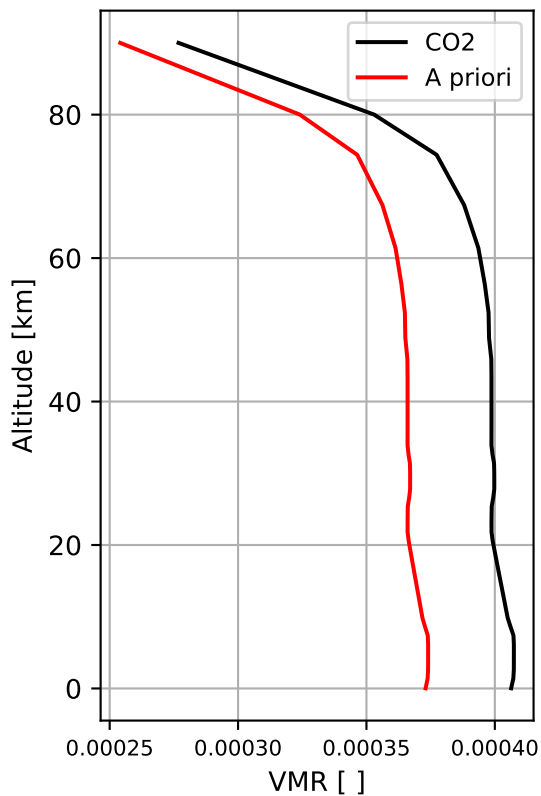


# N<sub>2</sub>O

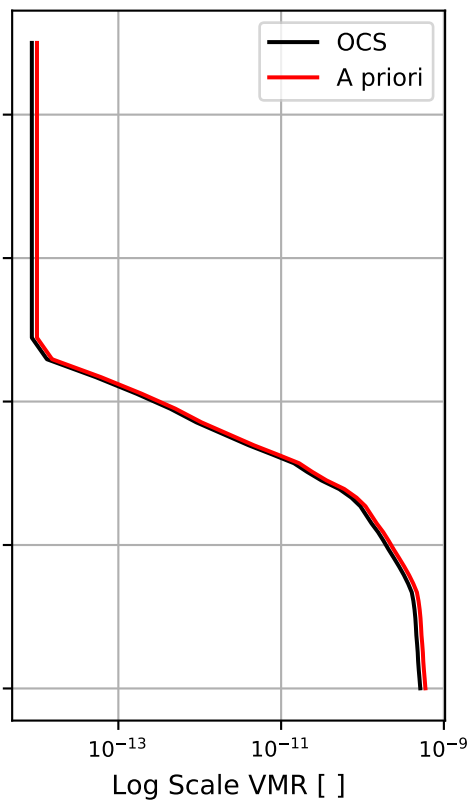
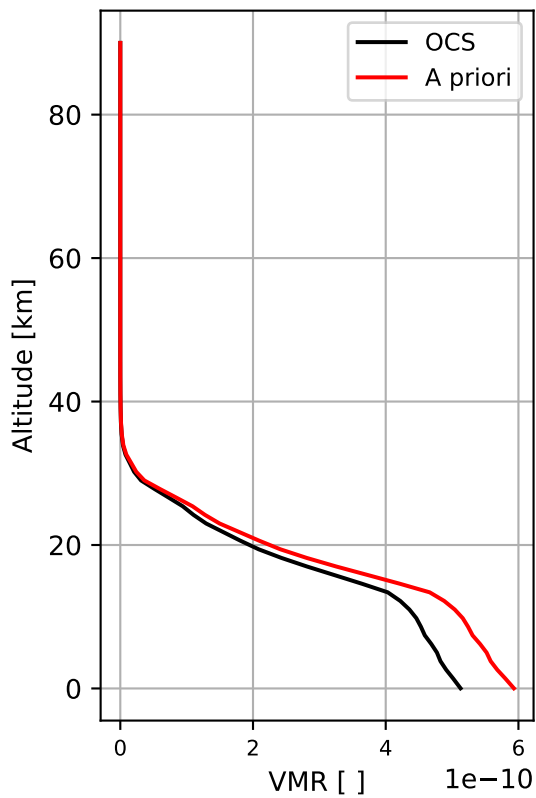




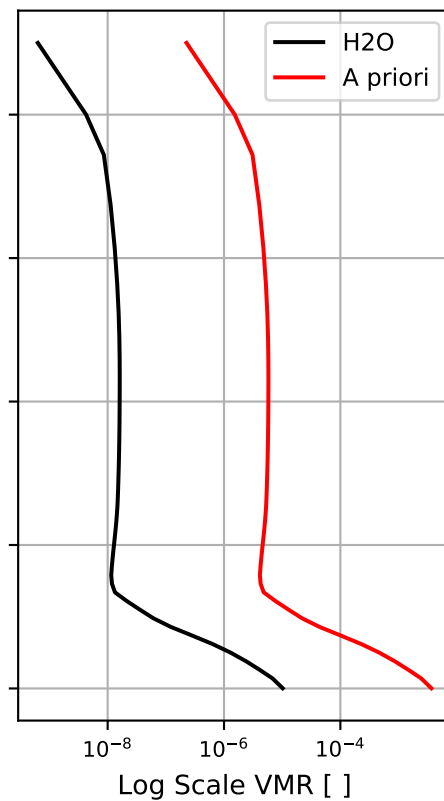
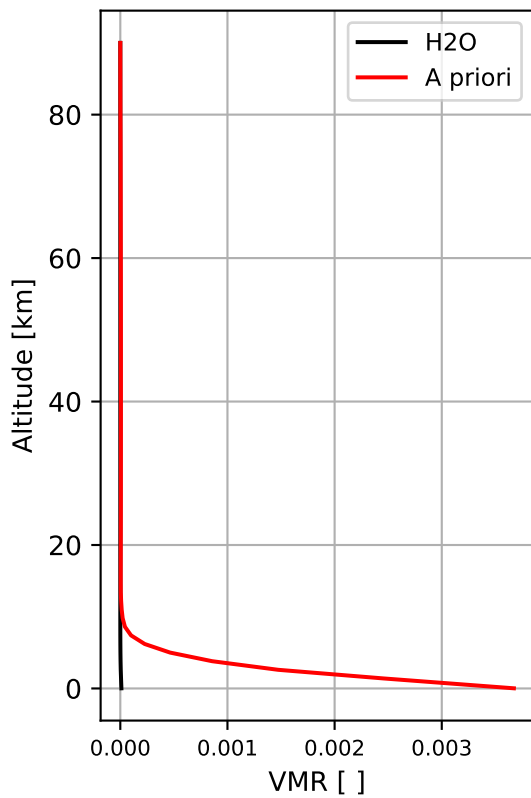
# CO2

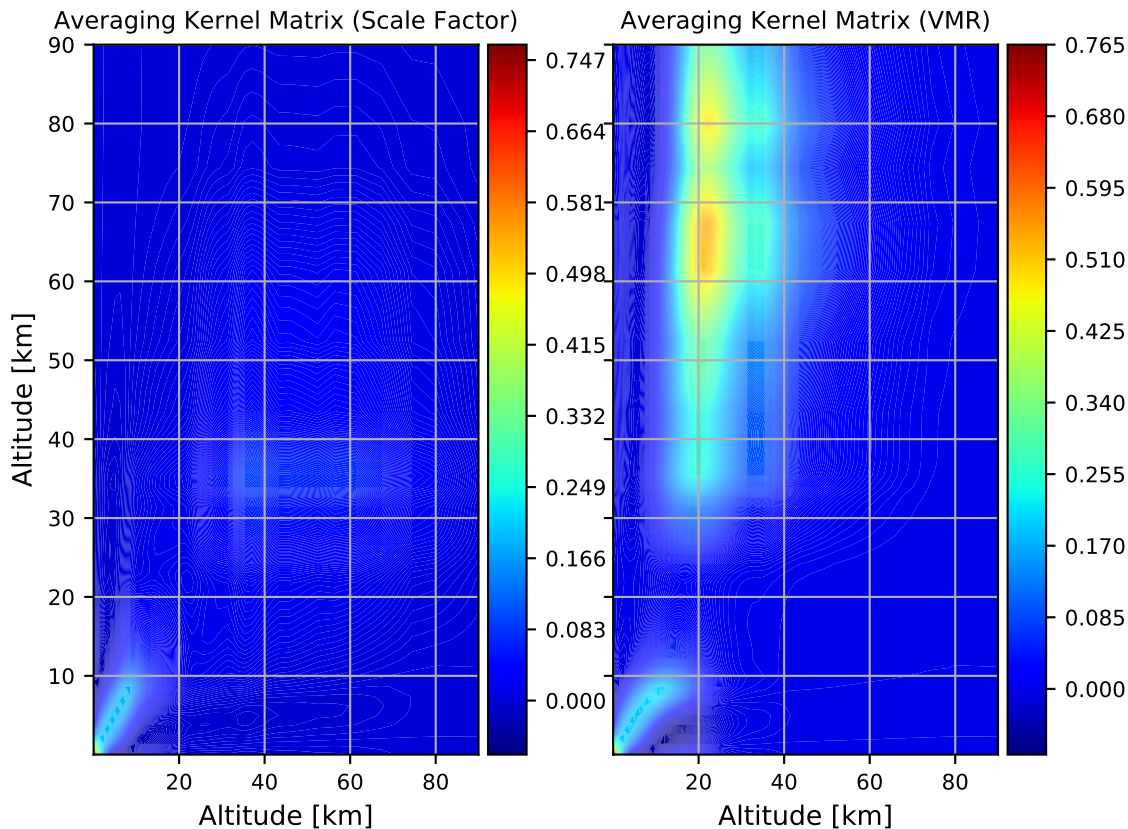


# OCS

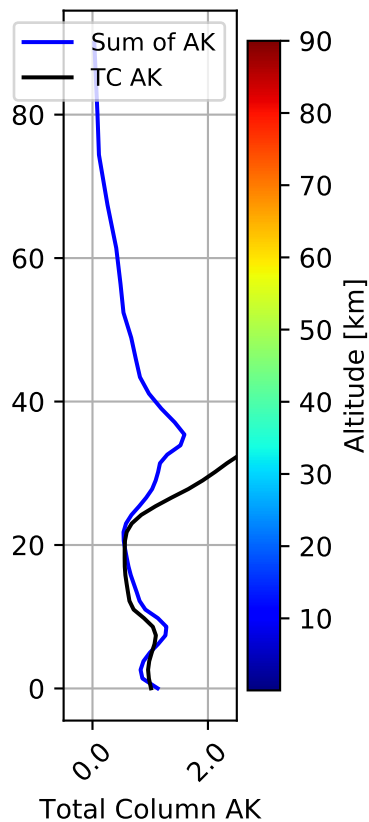
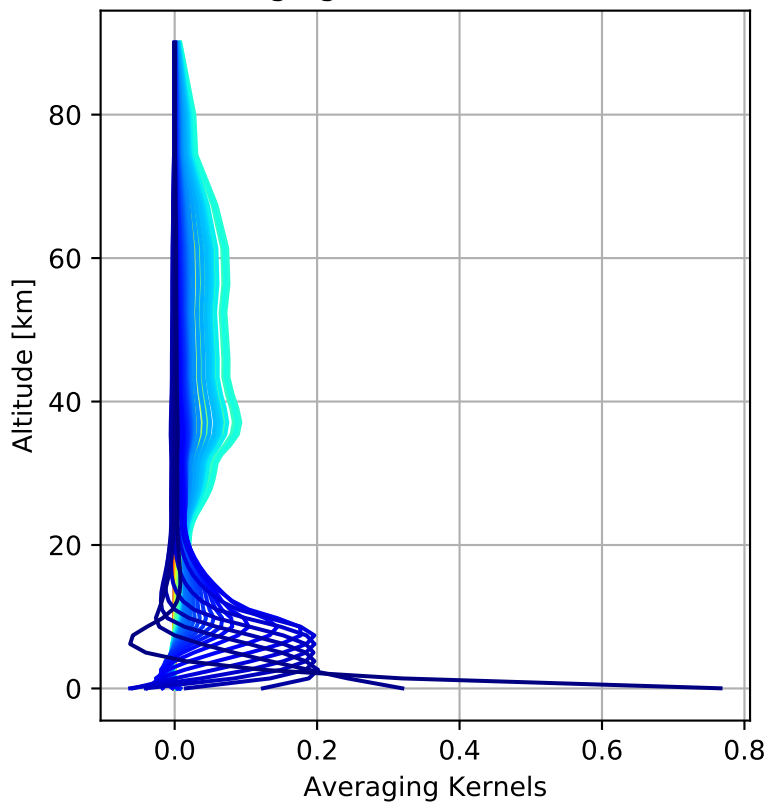


# H<sub>2</sub>O

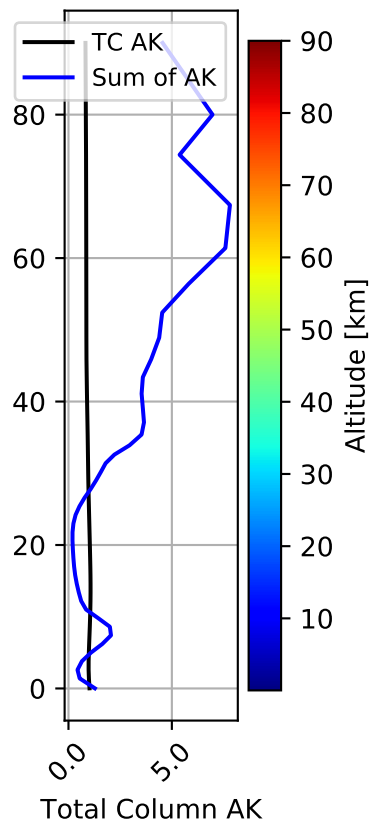
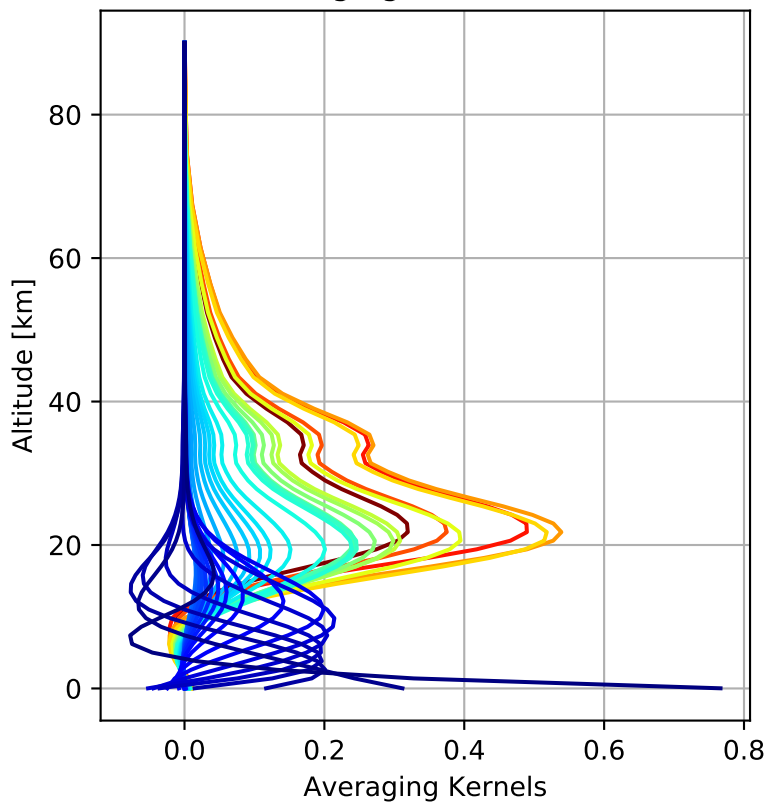




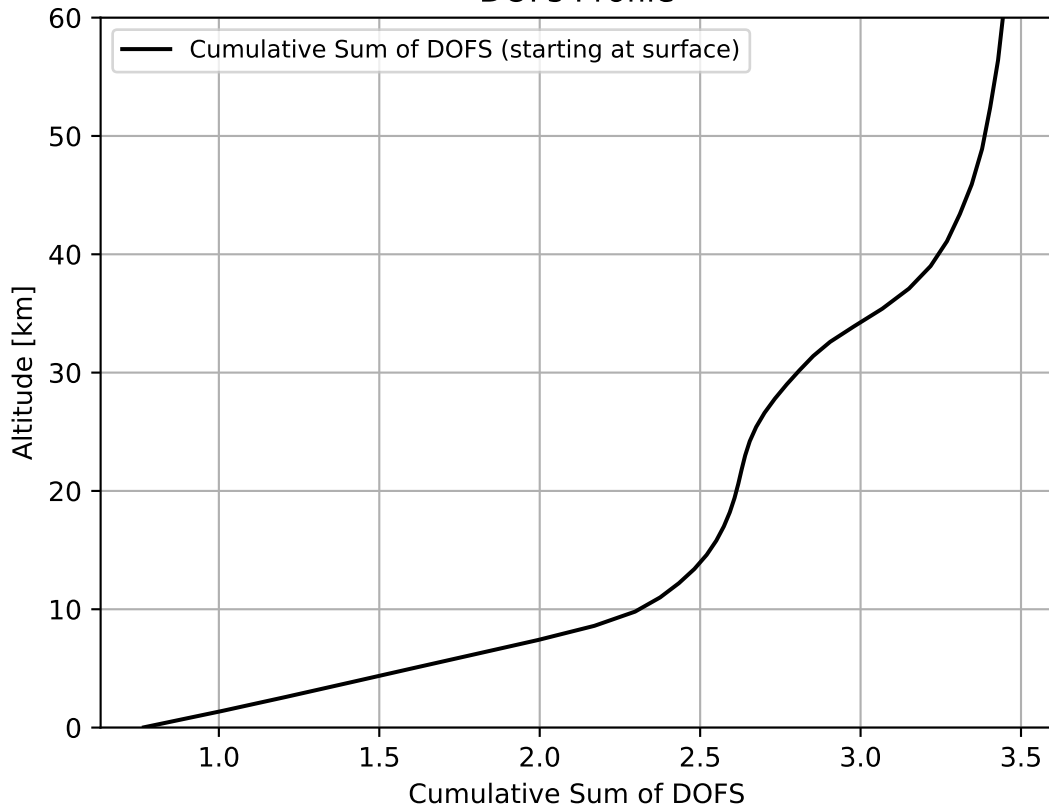
## Averaging Kernels Scale Factor



## Averaging Kernels VMR



## DOFs Profile



SFIT4:v1.0.10 :Off-Release -- July 2020 RUNTIME:20201015-11:28:18 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	2.50789E+18
2	O3	T	F	8.64601E+18	7.79836E+18
3	N2O	T	F	6.31939E+18	6.44025E+18
4	CO2	F	F	7.96051E+21	8.67126E+21
5	OCS	F	F	1.11414E+16	9.63138E+15
6	H2O	F	F	2.62127E+22	7.29293E+19

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	153.912162	1			
						1	184.500	184.500	153.912		
2	2069.56000	2069.76000	0.002317869	87	180.00	2.392300	241.248811	1			
						1	191.280	191.280	241.249		
3	2157.50000	2159.15000	0.002317869	712	180.00	2.392300	179.283417	1			
						1	153.350	153.350	179.283		
	FITRMS	CHI_2_Y	DOFS_ALL	DOFS_TRG	DOFS_TPR	ITER	MAX_ITER	CONVERGED	DIVWARN		
	0.559029	0.817004	26.779	3.465	0.000	16	17	T	T		