

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

[2. Summary of processed GOM_NL_2P products](#)

[3. Level 2 Quality information per product](#)

[3.1 Plot of level 2 quality information per product \(time dependant\)](#)

[3.2 Plot of level 2 quality information per product \(world map\)](#)

[4. Level 1 Quality information per product \(stored on level 2 products\)](#)

[4.1 Plot of level 1 quality information per product \(time dependant\)](#)

[4.1.1 Plot of level 1 quality information per product \(time dependant\): ASCENDING](#)

[4.1.2 Plot of level 1 quality information per product \(time dependant\): DESCENDING](#)

[4.2 Plot of level 1 quality information per product \(world map\)](#)

[4.2.1 Plot of level 1 quality information per product \(world map\): ASCENDING](#)

[4.2.2 Plot of level 1 quality information per product \(world map\): DESCENDING](#)

[5. Ozone profiles based on quality statistics and other trace gas profiles](#)

[5.1 Ozone statistics based on quality of products](#)

[5.2 Plot ozone profiles for all STD \(dark without errors\)](#)

[5.3 Plot ozone profiles where STD < 20% \(dark without errors\)](#)

[5.4. Plot ozone profiles where STD < 10% \(dark without errors\)](#)

[5.5. Plot ozone profiles where STD < 5% \(dark without errors\)](#)

[5.6 Plot NO2 profiles for all STD \(dark without errors\)](#)

[5.7 Plot NO3 profiles for all STD \(dark without errors\)](#)

[5.8 Plot H2O profiles \(only for occultations of stars 1,2,3,4,13,14,16,26,63 dark without errors\) for all STD](#)

[6. Auxiliary Data Files used for the production reported in section 2](#)

This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM_NL__2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	29APR2013 14:41:48
Data source version	GOMOS/6.01
Start time of products	27-08-2010 (27AUG2010 00:00:00)
Stop time of products	28-08-2010 (28AUG2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	291
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20100827_000054_00000482092_00245_44387_9832.N1	27-AUG-2010 00:00:54	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	44387	No
2	GOM_NL__2PRFIN20100827_001501_00000582092_00245_44387_9833.N1	27-AUG-2010 00:15:01	Bright	57.500	6	13Alp Aur	0.080000	3400.0	115	44387	No
3	GOM_NL__2PRFIN20100827_001824_00000432092_00245_44387_9834.N1	27-AUG-2010 00:18:24	Bright	42.500	107	37The Aur	2.6490	11000.	85	44387	No
4	GOM_NL__2PRFIN20100827_002312_00000542092_00245_44387_9835.N1	27-AUG-2010 00:23:12	Twilight	53.500	151	13Mu Gem	2.8900	3000.0	107	44387	No
5	GOM_NL__2PRFIN20100827_002453_00000462092_00245_44387_9836.N1	27-AUG-2010 00:24:53	Twilight	46.000	44	24Gam Gem	1.9280	11000.	92	44387	No
6	GOM_NL__2PRFIN20100827_002901_00000552092_00245_44387_9837.N1	27-AUG-2010 00:29:01	Dark	55.000	14	58Alp Ori	0.87000	3000.0	110	44387	No
7	GOM_NL__2PRFIN20100827_003420_00000472092_00245_44387_9838.N1	27-AUG-2010 00:34:20	Dark	46.500	1	9Alp CMa	-1.4400	11000.	93	44387	No
8	GOM_NL__2PRFIN20100827_003748_00000542092_00245_44387_9839.N1	27-AUG-2010 00:37:48	Dark	54.000	101	11Alp Lep	2.5820	7000.0	108	44387	No
9	GOM_NL__2PRFIN20100827_005240_00000532092_00246_44388_9855.N1	27-AUG-2010 00:52:40	Dark	53.000	157	The1Eri	2.9060	9300.0	106	44388	No
10	GOM_NL__2PRFIN20100827_005522_00000502092_00246_44388_9856.N1	27-AUG-2010 00:55:22	Dark	50.000	9	Alp Eri	0.45300	24000.	100	44388	No
11	GOM_NL__2PRFIN20100827_010120_00000512092_00246_44388_9857.N1	27-AUG-2010 01:01:20	Straylight	51.000	84	Alp Phe	2.3970	4500.0	102	44388	No
12	GOM_NL__2PRFIN20100827_010310_00000532092_00246_44388_9858.N1	27-AUG-2010 01:03:10	Straylight	52.500	63	Bet Gru	2.1500	2800.0	105	44388	No
13	GOM_NL__2PRFIN20100827_010752_00000522092_00246_44388_9859.N1	27-AUG-2010 01:07:52	Straylight	51.500	18	24Alp PsA	1.1660	9700.0	103	44388	No
14	GOM_NL__2PRFIN20100827_011254_00000482092_00246_44388_9860.N1	27-AUG-2010 01:12:54	Bright	48.000	142	49Del Cap	2.8500	8900.0	96	44388	No
15	GOM_NL__2PRFIN20100827_011606_00000392092_00246_44388_9861.N1	27-AUG-2010 01:16:06	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	44388	No
16	GOM_NL__2PRFIN20100827_011743_00000432092_00246_44388_9862.N1	27-AUG-2010 01:17:43	Bright	42.500	162	34Alp Aqr	2.9440	5350.0	85	44388	No
17	GOM_NL__2PRFIN20100827_012045_00000422092_00246_44388_9863.N1	27-AUG-2010 01:20:45	Bright	42.000	61	8Eps Peg	2.1000	3900.0	84	44388	No
18	GOM_NL__2PRFIN20100827_012828_00000482092_00246_44388_9864.N1	27-AUG-2010 01:28:28	Bright	48.000	164	44Eta Peg	2.9480	5400.0	96	44388	No
19	GOM_NL__2PRFIN20100827_013549_00000382092_00246_44388_9865.N1	27-AUG-2010 01:35:49	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	44388	No
20	GOM_NL__2PRFIN20100827_013917_00000432092_00246_44388_9866.N1	27-AUG-2010 01:39:17	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	44388	No
21	GOM_NL__2PRFIN20100827_014129_00000482092_00246_44388_9867.N1	27-AUG-2010 01:41:29	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	44388	No
22	GOM_NL__2PRFIN20100827_015537_00000572092_00246_44388_9868.N1	27-AUG-2010 01:55:37	Bright	57.000	6	13Alp Aur	0.080000	3400.0	114	44388	No
23	GOM_NL__2PRFIN20100827_015900_00000492092_00246_44388_9869.N1	27-AUG-2010 01:59:00	Bright	49.000	107	37The Aur	2.6490	11000.	98	44388	No
24	GOM_NL__2PRFIN20100827_020348_00000542092_00246_44388_9870.N1	27-AUG-2010 02:03:48	Twilight	54.000	151	13Mu Gem	2.8900	3000.0	108	44388	No
25	GOM_NL__2PRFIN20100827_020529_00000502092_00246_44388_9871.N1	27-AUG-2010 02:05:29	Twilight	49.500	44	24Gam Gem	1.9280	11000.	99	44388	No
26	GOM_NL__2PRFIN20100827_020938_00000542092_00246_44388_9872.N1	27-AUG-2010 02:09:38	Dark	54.000	14	58Alp Ori	0.87000	3000.0	108	44388	No
27	GOM_NL__2PRFIN20100827_021457_00000472092_00246_44388_9873.N1	27-AUG-2010 02:14:57	Dark	47.000	1	9Alp CMa	-1.4400	11000.	94	44388	No
28	GOM_NL__2PRFIN20100827_021825_00000542092_00246_44388_9874.N1	27-AUG-2010 02:18:25	Dark	54.000	101	11Alp Lep	2.5820	7000.0	108	44388	No
29	GOM_NL__2PRFIN20100827_023317_00000522092_00247_44389_9869.N1	27-AUG-2010 02:33:17	Dark	51.500	157	The1Eri	2.9060	9300.0	103	44389	No
30	GOM_NL__2PRFIN20100827_023558_00000452092_00247_44389_9870.N1	27-AUG-2010 02:35:58	Dark	45.000	9	Alp Eri	0.45300	24000.	90	44389	No
31	GOM_NL__2PRFIN20100827_024156_00000552092_00247_44389_9871.N1	27-AUG-2010 02:41:56	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	44389	No
32	GOM_NL__2PRFIN20100827_024347_00000462092_00247_44389_9872.N1	27-AUG-2010 02:43:47	Straylight	46.000	63	Bet Gru	2.1500	2800.0	92	44389	No
33	GOM_NL__2PRFIN20100827_024828_00000512092_00247_44389_9873.N1	27-AUG-2010 02:48:28	Straylight	51.000	18	24Alp PsA	1.1660	9700.0	102	44389	No
34	GOM_NL__2PRFIN20100827_025330_00000472092_00247_44389_9874.N1	27-AUG-2010 02:53:30	Bright	47.000	142	49Del Cap	2.8500	8900.0	94	44389	No
35	GOM_NL__2PRFIN20100827_025642_00000402092_00247_44389_9875.N1	27-AUG-2010 02:56:42	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	44389	No
36	GOM_NL__2PRFIN20100827_025819_00000432092_00247_44389_9876.N1	27-AUG-2010 02:58:19	Bright	43.000	162	34Alp Aqr	2.9440	5350.0	86	44389	No
37	GOM_NL__2PRFIN20100827_030121_00000412092_00247_44389_9877.N1	27-AUG-2010 03:01:21	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	44389	No
38	GOM_NL__2PRFIN20100827_030903_00000512092_00247_44389_9878.N1	27-AUG-2010 03:09:03	Bright	51.000	164	44Eta Peg	2.9480	5400.0	102	44389	No
39	GOM_NL__2PRFIN20100827_031625_00000342092_00247_44389_9879.N1	27-AUG-2010 03:16:25	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	44389	No
40	GOM_NL__2PRFIN20100827_031952_00000462092_00247_44389_9880.N1	27-AUG-2010 03:19:52	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	44389	No
41	GOM_NL__2PRFIN20100827_032204_00000462092_00247_44389_9881.N1	27-AUG-2010 03:22:04	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	44389	No
42	GOM_NL__2PRFIN20100827_033613_00000582092_00247_44389_9882.N1	27-AUG-2010 03:36:13	Bright	58.000	6	13Alp Aur	0.080000	3400.0	116	44389	No

43	GOM_NL__2PRFIN20100827_033936_000000422092_00247_44389_9883.N1	27-AUG-2010 03:39:36	Bright	42.000	107	37The Aur	2.6490	11000.	84	44389	No
44	GOM_NL__2PRFIN20100827_034425_000000492092_00247_44389_9884.N1	27-AUG-2010 03:44:25	Twilight	49.000	151	13Mu Gem	2.8900	3000.0	98	44389	No
45	GOM_NL__2PRFIN20100827_034606_000000462092_00247_44389_9885.N1	27-AUG-2010 03:46:06	Twilight	45.500	44	24Gam Gem	1.9280	11000.	91	44389	No
46	GOM_NL__2PRFIN20100827_035014_000000542092_00247_44389_9886.N1	27-AUG-2010 03:50:14	Dark	54.000	14	58Alp Ori	0.87000	3000.0	108	44389	No
47	GOM_NL__2PRFIN20100827_035533_000000502092_00247_44389_9887.N1	27-AUG-2010 03:55:33	Dark	50.000	1	9Alp CMa	-1.4400	11000.	100	44389	No
48	GOM_NL__2PRFIN20100827_035902_000000512092_00247_44389_9888.N1	27-AUG-2010 03:59:02	Dark	51.000	101	11Alp Lep	2.5820	7000.0	102	44389	No
49	GOM_NL__2PRFIN20100827_041354_000000522092_00248_44390_9916.N1	27-AUG-2010 04:13:54	Dark	52.000	157	The1Eri	2.9060	9300.0	104	44390	No
50	GOM_NL__2PRFIN20100827_041635_000000462092_00248_44390_9917.N1	27-AUG-2010 04:16:35	Dark	45.500	9	Alp Eri	0.45300	24000.	91	44390	No
51	GOM_NL__2PRFIN20100827_042233_000000562092_00248_44390_9918.N1	27-AUG-2010 04:22:33	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	44390	No
52	GOM_NL__2PRFIN20100827_042423_000000552092_00248_44390_9919.N1	27-AUG-2010 04:24:23	Straylight	55.000	63	Bet Gru	2.1500	2800.0	110	44390	No
53	GOM_NL__2PRFIN20100827_042904_000000512092_00248_44390_9920.N1	27-AUG-2010 04:29:04	Straylight	51.000	18	24Alp PsA	1.1660	9700.0	102	44390	No
54	GOM_NL__2PRFIN20100827_043406_000000442092_00248_44390_9921.N1	27-AUG-2010 04:34:06	Bright	44.000	142	49Del Cap	2.8500	8900.0	88	44390	No
55	GOM_NL__2PRFIN20100827_043718_000000392092_00248_44390_9922.N1	27-AUG-2010 04:37:18	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	44390	No
56	GOM_NL__2PRFIN20100827_043855_000000432092_00248_44390_9923.N1	27-AUG-2010 04:38:55	Bright	42.500	162	34Alp Aqr	2.9440	5350.0	85	44390	No
57	GOM_NL__2PRFIN20100827_044158_000000412092_00248_44390_9924.N1	27-AUG-2010 04:41:58	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	44390	No
58	GOM_NL__2PRFIN20100827_044939_000000492092_00248_44390_9925.N1	27-AUG-2010 04:49:39	Bright	48.500	164	44Eta Peg	2.9480	5400.0	97	44390	No
59	GOM_NL__2PRFIN20100827_045700_000000382092_00248_44390_9926.N1	27-AUG-2010 04:57:00	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	44390	No
60	GOM_NL__2PRFIN20100827_050028_000000462092_00248_44390_9927.N1	27-AUG-2010 05:00:28	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	44390	No
61	GOM_NL__2PRFIN20100827_050239_000000482092_00248_44390_9928.N1	27-AUG-2010 05:02:39	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	44390	No
62	GOM_NL__2PRFIN20100827_051648_000000572092_00248_44390_9929.N1	27-AUG-2010 05:16:48	Bright	57.000	6	13Alp Aur	0.080000	3400.0	114	44390	No
63	GOM_NL__2PRFIN20100827_052012_000000642092_00248_44390_9930.N1	27-AUG-2010 05:20:12	Bright	64.000	107	37The Aur	2.6490	11000.	128	44390	No
64	GOM_NL__2PRFIN20100827_052501_000000622092_00248_44390_9931.N1	27-AUG-2010 05:25:01	Twilight	62.000	151	13Mu Gem	2.8900	3000.0	124	44390	No
65	GOM_NL__2PRFIN20100827_052642_000000482092_00248_44390_9932.N1	27-AUG-2010 05:26:42	Twilight	47.500	44	24Gam Gem	1.9280	11000.	95	44390	No
66	GOM_NL__2PRFIN20100827_053051_000000542092_00248_44390_9933.N1	27-AUG-2010 05:30:51	Dark	54.000	14	58Alp Ori	0.87000	3000.0	108	44390	No
67	GOM_NL__2PRFIN20100827_053610_000000522092_00248_44390_9934.N1	27-AUG-2010 05:36:10	Dark	52.000	1	9Alp CMa	-1.4400	11000.	104	44390	No
68	GOM_NL__2PRFIN20100827_053939_000000522092_00248_44390_9935.N1	27-AUG-2010 05:39:39	Dark	52.000	101	11Alp Lep	2.5820	7000.0	104	44390	No
69	GOM_NL__2PRFIN20100827_055431_000000542092_00249_44391_9928.N1	27-AUG-2010 05:54:31	Dark	54.000	157	The1Eri	2.9060	9300.0	108	44391	No
70	GOM_NL__2PRFIN20100827_055712_000000452092_00249_44391_9929.N1	27-AUG-2010 05:57:12	Dark	44.500	9	Alp Eri	0.45300	24000.	89	44391	No
71	GOM_NL__2PRFIN20100827_060309_000000572092_00249_44391_9930.N1	27-AUG-2010 06:03:09	Straylight	57.000	84	Alp Phe	2.3970	4500.0	114	44391	No
72	GOM_NL__2PRFIN20100827_060459_000000482092_00249_44391_9931.N1	27-AUG-2010 06:04:59	Straylight	48.000	63	Bet Gru	2.1500	2800.0	96	44391	No
73	GOM_NL__2PRFIN20100827_060941_000000502092_00249_44391_9932.N1	27-AUG-2010 06:09:41	Straylight	50.000	18	24Alp PsA	1.1660	9700.0	100	44391	No
74	GOM_NL__2PRFIN20100827_061442_000000462092_00249_44391_9933.N1	27-AUG-2010 06:14:42	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	44391	No
75	GOM_NL__2PRFIN20100827_061755_000000392092_00249_44391_9934.N1	27-AUG-2010 06:17:55	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	44391	No
76	GOM_NL__2PRFIN20100827_061931_000000432092_00249_44391_9935.N1	27-AUG-2010 06:19:31	Bright	42.500	162	34Alp Aqr	2.9440	5350.0	85	44391	No
77	GOM_NL__2PRFIN20100827_062233_000000402092_00249_44391_9936.N1	27-AUG-2010 06:22:33	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	44391	No
78	GOM_NL__2PRFIN20100827_063014_000000482092_00249_44391_9937.N1	27-AUG-2010 06:30:14	Bright	48.000	164	44Eta Peg	2.9480	5400.0	96	44391	No
79	GOM_NL__2PRFIN20100827_063736_000000382092_00249_44391_9938.N1	27-AUG-2010 06:37:36	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	44391	No
80	GOM_NL__2PRFIN20100827_064103_000000462092_00249_44391_9939.N1	27-AUG-2010 06:41:03	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	44391	No
81	GOM_NL__2PRFIN20100827_064315_000000462092_00249_44391_9940.N1	27-AUG-2010 06:43:15	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	44391	No
82	GOM_NL__2PRFIN20100827_065724_000000562092_00249_44391_9941.N1	27-AUG-2010 06:57:24	Bright	56.000	6	13Alp Aur	0.080000	3400.0	112	44391	No
83	GOM_NL__2PRFIN20100827_070048_000000452092_00249_44391_9942.N1	27-AUG-2010 07:00:48	Bright	44.500	107	37The Aur	2.6490	11000.	89	44391	No
84	GOM_NL__2PRFIN20100827_070537_000000512092_00249_44391_9943.N1	27-AUG-2010 07:05:37	Twilight	51.000	151	13Mu Gem	2.8900	3000.0	102	44391	No
85	GOM_NL__2PRFIN20100827_070719_000000452092_00249_44391_9944.N1	27-AUG-2010 07:07:19	Twilight	44.500	44	24Gam Gem	1.9280	11000.	89	44391	No
86	GOM_NL__2PRFIN20100827_071128_000000542092_00249_44391_9945.N1	27-AUG-2010 07:11:28	Dark	54.000	14	58Alp Ori	0.87000	3000.0	108	44391	No
87	GOM_NL__2PRFIN20100827_071646_000000482092_00249_44391_9946.N1	27-AUG-2010 07:16:46	Dark	48.000	1	9Alp CMa	-1.4400	11000.	96	44391	No
88	GOM_NL__2PRFIN20100827_072016_000000522092_00249_44391_9947.N1	27-AUG-2010 07:20:16	Dark	52.000	101	11Alp Lep	2.5820	7000.0	104	44391	No
89	GOM_NL__2PRFIN20100827_073509_000000512092_00250_44392_9938.N1	27-AUG-2010 07:35:09	Dark	50.500	157	The1Eri	2.9060	9300.0	101	44392	No
90	GOM_NL__2PRFIN20100827_073749_000000442092_00250_44392_9939.N1	27-AUG-2010 07:37:49	Dark	43.500	9	Alp Eri	0.45300	24000.	87	44392	No
91	GOM_NL__2PRFIN20100827_074346_000000592092_00250_44392_9940.N1	27-AUG-2010 07:43:46	Straylight	58.500	84	Alp Phe	2.3970	4500.0	117	44392	No
92	GOM_NL__2PRFIN20100827_074536_000000502092_00250_44392_9941.N1	27-AUG-2010 07:45:36	Straylight	50.000	63	Bet Gru	2.1500	2800.0	100	44392	No
93	GOM_NL__2PRFIN20100827_075017_000000522092_00250_44392_9942.N1	27-AUG-2010 07:50:17	Straylight	51.500	18	24Alp PsA	1.1660	9700.0	103	44392	No
94	GOM_NL__2PRFIN20100827_075518_000000422092_00250_44392_9943.N1	27-AUG-2010 07:55:18	Bright	42.000	142	49Del Cap	2.8500	8900.0	84	44392	No
95	GOM_NL__2PRFIN20100827_075830_000000392092_00250_44392_9944.N1	27-AUG-2010 07:58:30	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	44392	No
96	GOM_NL__2PRFIN20100827_080007_000000442092_00250_44392_9945.N1	27-AUG-2010 08:00:07	Bright	44.000	162	34Alp Aqr	2.9440	5350.0	88	44392	No
97	GOM_NL__2PRFIN20100827_080309_000000402092_00250_44392_9946.N1	27-AUG-2010 08:03:09	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	44392	No
98	GOM_NL__2PRFIN20100827_081049_000000452092_00250_44392_9947.N1	27-AUG-2010 08:10:49	Bright	45.000	164	44Eta Peg	2.9480	5400.0	90	44392	No
99	GOM_NL__2PRFIN20100827_081812_000000382092_00250_44392_9948.N1	27-AUG-2010 08:18:12	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	44392	No
100	GOM_NL__2PRFIN20100827_082138_000000432092_00250_44392_9949.N1	27-AUG-2010 08:21:38	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	44392	No
101	GOM_NL__2PRFIN20100827_082350_000000472092_00250_44392_9950.N1	27-AUG-2010 08:23:50	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	44392	No

102	GOM_NL__2PRFIN20100827_083800_000000552092_00250_44392_9951.N1	27-AUG-2010 08:38:00	Bright	54.500	6	13Alp Aur	0.080000	3400.0	109	44392	No
103	GOM_NL__2PRFIN20100827_084124_000000442092_00250_44392_9952.N1	27-AUG-2010 08:41:24	Bright	44.000	107	37The Aur	2.6490	11000.	88	44392	No
104	GOM_NL__2PRFIN20100827_084614_000000542092_00250_44392_9953.N1	27-AUG-2010 08:46:14	Twilight	54.000	151	13Mu Gem	2.8900	3000.0	108	44392	No
105	GOM_NL__2PRFIN20100827_084755_000000482092_00250_44392_9954.N1	27-AUG-2010 08:47:55	Twilight	48.000	44	24Gam Gem	1.9280	11000.	96	44392	No
106	GOM_NL__2PRFIN20100827_085204_000000702092_00250_44392_9955.N1	27-AUG-2010 08:52:04	Dark	69.500	14	58Alp Ori	0.87000	3000.0	139	44392	No
107	GOM_NL__2PRFIN20100827_085723_000000462092_00250_44392_9956.N1	27-AUG-2010 08:57:23	Dark	45.500	1	9Alp CMa	-1.4400	11000.	91	44392	No
108	GOM_NL__2PRFIN20100827_090053_000000532092_00250_44392_9957.N1	27-AUG-2010 09:00:53	Dark	52.500	101	11Alp Lep	2.5820	7000.0	105	44392	No
109	GOM_NL__2PRFIN20100827_091546_000000552092_00251_44393_9947.N1	27-AUG-2010 09:15:46	Dark	54.500	157	The1Eri	2.9060	9300.0	109	44393	No
110	GOM_NL__2PRFIN20100827_091825_000000552092_00251_44393_9948.N1	27-AUG-2010 09:18:25	Dark	55.000	9	Alp Eri	0.45300	24000.	110	44393	No
111	GOM_NL__2PRFIN20100827_092423_000000482092_00251_44393_9949.N1	27-AUG-2010 09:24:23	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	44393	No
112	GOM_NL__2PRFIN20100827_092612_000000452092_00251_44393_9950.N1	27-AUG-2010 09:26:12	Straylight	44.500	63	Bet Gru	2.1500	2800.0	89	44393	No
113	GOM_NL__2PRFIN20100827_093053_000000472092_00251_44393_9951.N1	27-AUG-2010 09:30:53	Straylight	47.000	18	24Alp PsA	1.1660	9700.0	94	44393	No
114	GOM_NL__2PRFIN20100827_093554_000000472092_00251_44393_9952.N1	27-AUG-2010 09:35:54	Bright	47.000	142	49Del Cap	2.8500	8900.0	94	44393	No
115	GOM_NL__2PRFIN20100827_093906_000000402092_00251_44393_9953.N1	27-AUG-2010 09:39:06	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	44393	No
116	GOM_NL__2PRFIN20100827_094043_000000422092_00251_44393_9954.N1	27-AUG-2010 09:40:43	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	44393	No
117	GOM_NL__2PRFIN20100827_094345_000000412092_00251_44393_9955.N1	27-AUG-2010 09:43:45	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	44393	No
118	GOM_NL__2PRFIN20100827_095124_000000482092_00251_44393_9956.N1	27-AUG-2010 09:51:24	Bright	47.500	164	44Eta Peg	2.9480	5400.0	95	44393	No
119	GOM_NL__2PRFIN20100827_095848_000000382092_00251_44393_9957.N1	27-AUG-2010 09:58:48	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	44393	No
120	GOM_NL__2PRFIN20100827_100213_000000472092_00251_44393_9958.N1	27-AUG-2010 10:02:13	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	44393	No
121	GOM_NL__2PRFIN20100827_100425_000000482092_00251_44393_9959.N1	27-AUG-2010 10:04:25	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	44393	No
122	GOM_NL__2PRFIN20100827_101836_000000562092_00251_44393_9960.N1	27-AUG-2010 10:18:36	Bright	55.500	6	13Alp Aur	0.080000	3400.0	111	44393	No
123	GOM_NL__2PRFIN20100827_102200_000000442092_00251_44393_9961.N1	27-AUG-2010 10:22:00	Bright	44.000	107	37The Aur	2.6490	11000.	88	44393	No
124	GOM_NL__2PRFIN20100827_102650_000000542092_00251_44393_9962.N1	27-AUG-2010 10:26:50	Twilight	53.500	151	13Mu Gem	2.8900	3000.0	107	44393	No
125	GOM_NL__2PRFIN20100827_102831_000000472092_00251_44393_9963.N1	27-AUG-2010 10:28:31	Twilight	46.500	44	24Gam Gem	1.9280	11000.	93	44393	No
126	GOM_NL__2PRFIN20100827_103241_000000672092_00251_44393_9964.N1	27-AUG-2010 10:32:41	Dark	67.000	14	58Alp Ori	0.87000	3000.0	134	44393	No
127	GOM_NL__2PRFIN20100827_103759_000000552092_00251_44393_9965.N1	27-AUG-2010 10:37:59	Dark	54.500	1	9Alp CMa	-1.4400	11000.	109	44393	No
128	GOM_NL__2PRFIN20100827_104130_000000522092_00251_44393_9966.N1	27-AUG-2010 10:41:30	Dark	52.000	101	11Alp Lep	2.5820	7000.0	104	44393	No
129	GOM_NL__2PRFIN20100827_105623_000000532092_00252_44394_9955.N1	27-AUG-2010 10:56:23	Dark	53.000	157	The1Eri	2.9060	9300.0	106	44394	No
130	GOM_NL__2PRFIN20100827_105901_000000462092_00252_44394_9956.N1	27-AUG-2010 10:59:01	Dark	45.500	9	Alp Eri	0.45300	24000.	91	44394	No
131	GOM_NL__2PRFIN20100827_110459_000000512092_00252_44394_9957.N1	27-AUG-2010 11:04:59	Straylight	51.000	84	Alp Phe	2.3970	4500.0	102	44394	No
132	GOM_NL__2PRFIN20100827_110648_000000452092_00252_44394_9958.N1	27-AUG-2010 11:06:48	Straylight	44.500	63	Bet Gru	2.1500	2800.0	89	44394	No
133	GOM_NL__2PRFIN20100827_111129_000000482092_00252_44394_9959.N1	27-AUG-2010 11:11:29	Straylight	48.000	18	24Alp PsA	1.1660	9700.0	96	44394	No
134	GOM_NL__2PRFIN20100827_111630_000000442092_00252_44394_9960.N1	27-AUG-2010 11:16:30	Bright	43.500	142	49Del Cap	2.8500	8900.0	87	44394	No
135	GOM_NL__2PRFIN20100827_111942_000000392092_00252_44394_9961.N1	27-AUG-2010 11:19:42	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	44394	No
136	GOM_NL__2PRFIN20100827_112119_000000432092_00252_44394_9962.N1	27-AUG-2010 11:21:19	Bright	42.500	162	34Alp Aqr	2.9440	5350.0	85	44394	No
137	GOM_NL__2PRFIN20100827_112421_000000392092_00252_44394_9963.N1	27-AUG-2010 11:24:21	Bright	38.500	61	8Eps Peg	2.1000	3900.0	77	44394	No
138	GOM_NL__2PRFIN20100827_113200_000000482092_00252_44394_9964.N1	27-AUG-2010 11:32:00	Bright	47.500	164	44Eta Peg	2.9480	5400.0	95	44394	No
139	GOM_NL__2PRFIN20100827_113924_000000392092_00252_44394_9965.N1	27-AUG-2010 11:39:24	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	44394	No
140	GOM_NL__2PRFIN20100827_114248_000000472092_00252_44394_9966.N1	27-AUG-2010 11:42:48	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	44394	No
141	GOM_NL__2PRFIN20100827_114500_000000492092_00252_44394_9967.N1	27-AUG-2010 11:45:00	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	44394	No
142	GOM_NL__2PRFIN20100827_115911_000000602092_00252_44394_9968.N1	27-AUG-2010 11:59:11	Bright	60.000	6	13Alp Aur	0.080000	3400.0	120	44394	No
143	GOM_NL__2PRFIN20100827_120236_000000462092_00252_44394_9969.N1	27-AUG-2010 12:02:36	Bright	46.000	107	37The Aur	2.6490	11000.	92	44394	No
144	GOM_NL__2PRFIN20100827_120726_000000532092_00252_44394_9970.N1	27-AUG-2010 12:07:26	Twilight	52.500	151	13Mu Gem	2.8900	3000.0	105	44394	No
145	GOM_NL__2PRFIN20100827_120907_000000492092_00252_44394_9971.N1	27-AUG-2010 12:09:07	Twilight	48.500	44	24Gam Gem	1.9280	11000.	97	44394	No
146	GOM_NL__2PRFIN20100827_121317_000000702092_00252_44394_9972.N1	27-AUG-2010 12:13:17	Dark	70.000	14	58Alp Ori	0.87000	3000.0	140	44394	No
147	GOM_NL__2PRFIN20100827_121836_000000482092_00252_44394_9973.N1	27-AUG-2010 12:18:36	Dark	47.500	1	9Alp CMa	-1.4400	11000.	95	44394	No
148	GOM_NL__2PRFIN20100827_122207_000000542092_00252_44394_9974.N1	27-AUG-2010 12:22:07	Dark	53.500	101	11Alp Lep	2.5820	7000.0	107	44394	No
149	GOM_NL__2PRFIN20100827_123700_000000542092_00253_44395_9963.N1	27-AUG-2010 12:37:00	Dark	54.000	157	The1Eri	2.9060	9300.0	108	44395	No
150	GOM_NL__2PRFIN20100827_123938_000000452092_00253_44395_9964.N1	27-AUG-2010 12:39:38	Dark	45.000	9	Alp Eri	0.45300	24000.	90	44395	No
151	GOM_NL__2PRFIN20100827_124535_000000492092_00253_44395_9965.N1	27-AUG-2010 12:45:35	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	44395	No
152	GOM_NL__2PRFIN20100827_124724_000000442092_00253_44395_9966.N1	27-AUG-2010 12:47:24	Straylight	44.000	63	Bet Gru	2.1500	2800.0	88	44395	No
153	GOM_NL__2PRFIN20100827_125205_000000522092_00253_44395_9967.N1	27-AUG-2010 12:52:05	Straylight	51.500	18	24Alp PsA	1.1660	9700.0	103	44395	No
154	GOM_NL__2PRFIN20100827_125706_000000492092_00253_44395_9968.N1	27-AUG-2010 12:57:06	Bright	49.000	142	49Del Cap	2.8500	8900.0	98	44395	No
155	GOM_NL__2PRFIN20100827_130018_000000392092_00253_44395_9969.N1	27-AUG-2010 13:00:18	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	44395	No
156	GOM_NL__2PRFIN20100827_130154_000000412092_00253_44395_9970.N1	27-AUG-2010 13:01:54	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	44395	No
157	GOM_NL__2PRFIN20100827_130456_000000392092_00253_44395_9971.N1	27-AUG-2010 13:04:56	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	44395	No
158	GOM_NL__2PRFIN20100827_131235_000000492092_00253_44395_9972.N1	27-AUG-2010 13:12:35	Bright	48.500	164	44Eta Peg	2.9480	5400.0	97	44395	No
159	GOM_NL__2PRFIN20100827_131959_000000392092_00253_44395_9973.N1	27-AUG-2010 13:19:59	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	44395	No
160	GOM_NL__2PRFIN20100827_132324_000000452092_00253_44395_9974.N1	27-AUG-2010 13:23:24	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	44395	No

161	GOM_NL__2PRFIN20100827_132535_000000452092_00253_44395_9975.N1	27-AUG-2010 13:25:35	Bright	44.500	76	27Gam Cas	2.3000	30000.	89	44395	No
162	GOM_NL__2PRFIN20100827_133947_000000572092_00253_44395_9976.N1	27-AUG-2010 13:39:47	Bright	56.500	6	13Alp Aur	0.080000	3400.0	113	44395	No
163	GOM_NL__2PRFIN20100827_134312_000000442092_00253_44395_9977.N1	27-AUG-2010 13:43:12	Bright	44.000	107	37The Aur	2.6490	11000.	88	44395	No
164	GOM_NL__2PRFIN20100827_134802_000000612092_00253_44395_9978.N1	27-AUG-2010 13:48:02	Tw_i_and_stray	60.500	151	13Mu Gem	2.8900	3000.0	121	44395	No
165	GOM_NL__2PRFIN20100827_134944_000000492092_00253_44395_9979.N1	27-AUG-2010 13:49:44	Tw_i_and_stray	48.500	44	24Gam Gem	1.9280	11000.	97	44395	No
166	GOM_NL__2PRFIN20100827_135354_000000622092_00253_44395_9980.N1	27-AUG-2010 13:53:54	Dark	62.000	14	58Alp Ori	0.87000	3000.0	124	44395	No
167	GOM_NL__2PRFIN20100827_135912_000000492092_00253_44395_9981.N1	27-AUG-2010 13:59:12	Dark	48.500	1	9Alp CMa	-1.4400	11000.	97	44395	No
168	GOM_NL__2PRFIN20100827_140244_000000542092_00253_44395_9982.N1	27-AUG-2010 14:02:44	Dark	53.500	101	11Alp Lep	2.5820	7000.0	107	44395	No
169	GOM_NL__2PRFIN20100827_141737_000000552092_00254_44396_0161.N1	27-AUG-2010 14:17:37	Dark	55.000	157	The1Eri	2.9060	9300.0	110	44396	No
170	GOM_NL__2PRFIN20100827_142015_000000452092_00254_44396_0162.N1	27-AUG-2010 14:20:15	Dark	44.500	9	Alp Eri	0.45300	24000.	89	44396	No
171	GOM_NL__2PRFIN20100827_142612_000000492092_00254_44396_0163.N1	27-AUG-2010 14:26:12	Straylight	48.500	84	Alp Phe	2.3970	4500.0	97	44396	No
172	GOM_NL__2PRFIN20100827_142800_000000522092_00254_44396_0164.N1	27-AUG-2010 14:28:00	Straylight	52.000	63	Bet Gru	2.1500	2800.0	104	44396	No
173	GOM_NL__2PRFIN20100827_143242_000000482092_00254_44396_0165.N1	27-AUG-2010 14:32:42	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	44396	No
174	GOM_NL__2PRFIN20100827_143742_000000472092_00254_44396_0166.N1	27-AUG-2010 14:37:42	Bright	46.500	142	49Del Cap	2.8500	8900.0	93	44396	No
175	GOM_NL__2PRFIN20100827_144054_000000392092_00254_44396_0167.N1	27-AUG-2010 14:40:54	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	44396	No
176	GOM_NL__2PRFIN20100827_144230_000000422092_00254_44396_0168.N1	27-AUG-2010 14:42:30	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	44396	No
177	GOM_NL__2PRFIN20100827_144532_000000422092_00254_44396_0169.N1	27-AUG-2010 14:45:32	Bright	41.500	61	8Eps Peg	2.1000	3900.0	83	44396	No
178	GOM_NL__2PRFIN20100827_145310_000000492092_00254_44396_0170.N1	27-AUG-2010 14:53:10	Bright	48.500	164	44Eta Peg	2.9480	5400.0	97	44396	No
179	GOM_NL__2PRFIN20100827_150035_000000402092_00254_44396_0171.N1	27-AUG-2010 15:00:35	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	44396	No
180	GOM_NL__2PRFIN20100827_150359_000000472092_00254_44396_0172.N1	27-AUG-2010 15:03:59	Bright	47.000	74	11Bet Cas	2.2680	6600.0	94	44396	No
181	GOM_NL__2PRFIN20100827_150611_000000482092_00254_44396_0173.N1	27-AUG-2010 15:06:11	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	44396	No
182	GOM_NL__2PRFIN20100827_152023_000000562092_00254_44396_0174.N1	27-AUG-2010 15:20:23	Bright	55.500	6	13Alp Aur	0.080000	3400.0	111	44396	No
183	GOM_NL__2PRFIN20100827_152348_000000442092_00254_44396_0175.N1	27-AUG-2010 15:23:48	Bright	43.500	107	37The Aur	2.6490	11000.	87	44396	No
184	GOM_NL__2PRFIN20100827_152838_000000572092_00254_44396_0176.N1	27-AUG-2010 15:28:38	Tw_i_and_stray	56.500	151	13Mu Gem	2.8900	3000.0	113	44396	No
185	GOM_NL__2PRFIN20100827_153020_000000472092_00254_44396_0177.N1	27-AUG-2010 15:30:20	Tw_i_and_stray	46.500	44	24Gam Gem	1.9280	11000.	93	44396	No
186	GOM_NL__2PRFIN20100827_153431_000000662092_00254_44396_0178.N1	27-AUG-2010 15:34:31	Dark	65.500	14	58Alp Ori	0.87000	3000.0	131	44396	No
187	GOM_NL__2PRFIN20100827_153819_000000582092_00254_44396_0179.N1	27-AUG-2010 15:38:19	Dark	58.000	30	46Eps Ori	1.6940	30000.	116	44396	No
188	GOM_NL__2PRFIN20100827_153948_000000492092_00254_44396_0180.N1	27-AUG-2010 15:39:48	Dark	48.500	1	9Alp CMa	-1.4400	11000.	97	44396	No
189	GOM_NL__2PRFIN20100827_154321_000000472092_00254_44396_0181.N1	27-AUG-2010 15:43:21	Dark	46.500	101	11Alp Lep	2.5820	7000.0	93	44396	No
190	GOM_NL__2PRFIN20100827_155814_000000532092_00255_44397_0171.N1	27-AUG-2010 15:58:14	Dark	52.500	157	The1Eri	2.9060	9300.0	105	44397	No
191	GOM_NL__2PRFIN20100827_160051_000000442092_00255_44397_0172.N1	27-AUG-2010 16:00:51	Dark	43.500	9	Alp Eri	0.45300	24000.	87	44397	No
192	GOM_NL__2PRFIN20100827_160649_000000562092_00255_44397_0173.N1	27-AUG-2010 16:06:49	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	44397	No
193	GOM_NL__2PRFIN20100827_160837_000000432092_00255_44397_0174.N1	27-AUG-2010 16:08:37	Straylight	42.500	63	Bet Gru	2.1500	2800.0	85	44397	No
194	GOM_NL__2PRFIN20100827_161318_000000512092_00255_44397_0175.N1	27-AUG-2010 16:13:18	Straylight	51.000	18	24Alp PsA	1.1660	9700.0	102	44397	No
195	GOM_NL__2PRFIN20100827_161818_000000482092_00255_44397_0176.N1	27-AUG-2010 16:18:18	Bright	48.000	142	49Del Cap	2.8500	8900.0	96	44397	No
196	GOM_NL__2PRFIN20100827_162130_000000392092_00255_44397_0177.N1	27-AUG-2010 16:21:30	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	44397	No
197	GOM_NL__2PRFIN20100827_162306_000000422092_00255_44397_0178.N1	27-AUG-2010 16:23:06	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	44397	No
198	GOM_NL__2PRFIN20100827_162608_000000402092_00255_44397_0179.N1	27-AUG-2010 16:26:08	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	44397	No
199	GOM_NL__2PRFIN20100827_163345_000000472092_00255_44397_0180.N1	27-AUG-2010 16:33:45	Bright	46.500	164	44Eta Peg	2.9480	5400.0	93	44397	No
200	GOM_NL__2PRFIN20100827_164111_000000362092_00255_44397_0181.N1	27-AUG-2010 16:41:11	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	44397	No
201	GOM_NL__2PRFIN20100827_164434_000000472092_00255_44397_0182.N1	27-AUG-2010 16:44:34	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	44397	No
202	GOM_NL__2PRFIN20100827_164646_000000452092_00255_44397_0183.N1	27-AUG-2010 16:46:46	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	44397	No
203	GOM_NL__2PRFIN20100827_170059_000000702092_00255_44397_0184.N1	27-AUG-2010 17:00:59	Bright	70.000	6	13Alp Aur	0.080000	3400.0	140	44397	No
204	GOM_NL__2PRFIN20100827_170424_000000422092_00255_44397_0185.N1	27-AUG-2010 17:04:24	Bright	42.000	107	37The Aur	2.6490	11000.	84	44397	No
205	GOM_NL__2PRFIN20100827_170914_000000532092_00255_44397_0186.N1	27-AUG-2010 17:09:14	Tw_i_and_stray	53.000	151	13Mu Gem	2.8900	3000.0	106	44397	No
206	GOM_NL__2PRFIN20100827_171056_000000462092_00255_44397_0187.N1	27-AUG-2010 17:10:56	Tw_i_and_stray	46.000	44	24Gam Gem	1.9280	11000.	92	44397	No
207	GOM_NL__2PRFIN20100827_171507_000000622092_00255_44397_0188.N1	27-AUG-2010 17:15:07	Dark	61.500	14	58Alp Ori	0.87000	3000.0	123	44397	No
208	GOM_NL__2PRFIN20100827_171856_000000552092_00255_44397_0189.N1	27-AUG-2010 17:18:56	Dark	55.000	30	46Eps Ori	1.6940	30000.	110	44397	No
209	GOM_NL__2PRFIN20100827_172025_000000542092_00255_44397_0190.N1	27-AUG-2010 17:20:25	Dark	53.500	1	9Alp CMa	-1.4400	11000.	107	44397	No
210	GOM_NL__2PRFIN20100827_172358_000000522092_00255_44397_0191.N1	27-AUG-2010 17:23:58	Dark	52.000	101	11Alp Lep	2.5820	7000.0	104	44397	No
211	GOM_NL__2PRFIN20100827_173851_000000552092_00256_44398_0181.N1	27-AUG-2010 17:38:51	Dark	54.500	157	The1Eri	2.9060	9300.0	109	44398	No
212	GOM_NL__2PRFIN20100827_174128_000000462092_00256_44398_0182.N1	27-AUG-2010 17:41:28	Dark	45.500	9	Alp Eri	0.45300	24000.	91	44398	No
213	GOM_NL__2PRFIN20100827_174726_000000572092_00256_44398_0183.N1	27-AUG-2010 17:47:26	Straylight	57.000	84	Alp Phe	2.3970	4500.0	114	44398	No
214	GOM_NL__2PRFIN20100827_174913_000000472092_00256_44398_0184.N1	27-AUG-2010 17:49:13	Straylight	47.000	63	Bet Gru	2.1500	2800.0	94	44398	No
215	GOM_NL__2PRFIN20100827_175355_000000502092_00256_44398_0185.N1	27-AUG-2010 17:53:55	Straylight	50.000	18	24Alp PsA	1.1660	9700.0	100	44398	No
216	GOM_NL__2PRFIN20100827_175854_000000472092_00256_44398_0186.N1	27-AUG-2010 17:58:54	Bright	46.500	142	49Del Cap	2.8500	8900.0	93	44398	No
217	GOM_NL__2PRFIN20100827_180206_000000402092_00256_44398_0187.N1	27-AUG-2010 18:02:06	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	44398	No
218	GOM_NL__2PRFIN20100827_180342_000000422092_00256_44398_0188.N1	27-AUG-2010 18:03:42	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	44398	No
219	GOM_NL__2PRFIN20100827_180644_000000452092_00256_44398_0189.N1	27-AUG-2010 18:06:44	Bright	45.000	61	8Eps Peg	2.1000	3900.0	90	44398	No

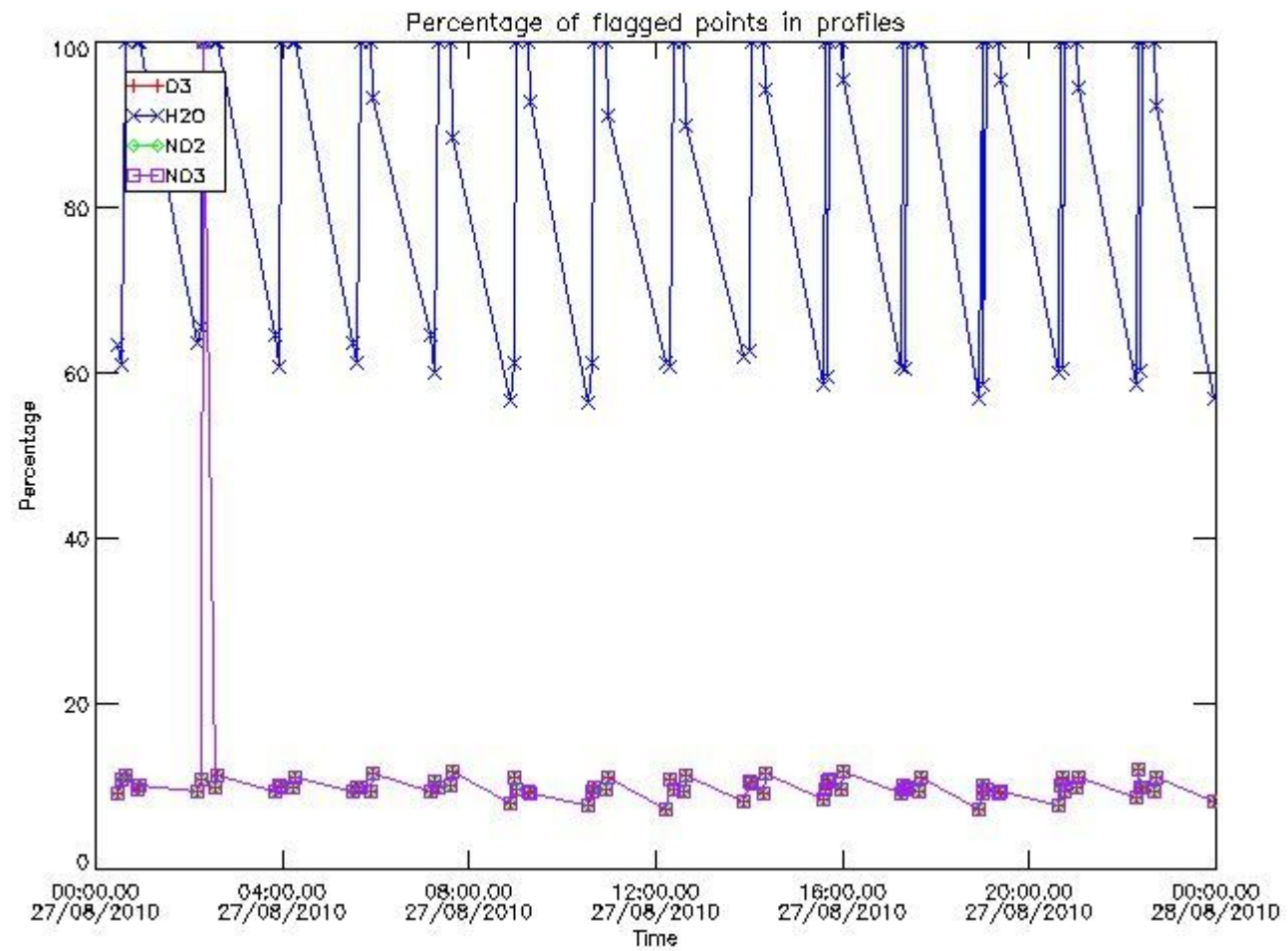
220	GOM_NL__2PRFIN20100827_181421_000000482092_00256_44398_0190.N1	27-AUG-2010 18:14:21	Bright	48.000	164	44Eta Peg	2.9480	5400.0	96	44398	No
221	GOM_NL__2PRFIN20100827_182147_000000382092_00256_44398_0191.N1	27-AUG-2010 18:21:47	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	44398	No
222	GOM_NL__2PRFIN20100827_182510_000000462092_00256_44398_0192.N1	27-AUG-2010 18:25:10	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	44398	No
223	GOM_NL__2PRFIN20100827_182721_000000482092_00256_44398_0193.N1	27-AUG-2010 18:27:21	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	44398	No
224	GOM_NL__2PRFIN20100827_184134_000000532092_00256_44398_0194.N1	27-AUG-2010 18:41:34	Bright	53.000	6	13Alp Aur	0.080000	3400.0	106	44398	No
225	GOM_NL__2PRFIN20100827_184500_000000552092_00256_44398_0195.N1	27-AUG-2010 18:45:00	Bright	54.500	107	37The Aur	2.6490	11000.	109	44398	No
226	GOM_NL__2PRFIN20100827_184951_000000582092_00256_44398_0196.N1	27-AUG-2010 18:49:51	Tw_i_and_stray	57.500	151	13Mu Gem	2.8900	3000.0	115	44398	No
227	GOM_NL__2PRFIN20100827_185132_000000492092_00256_44398_0197.N1	27-AUG-2010 18:51:32	Tw_i_and_stray	49.000	44	24Gam Gem	1.9280	11000.	98	44398	No
228	GOM_NL__2PRFIN20100827_185544_000000712092_00256_44398_0198.N1	27-AUG-2010 18:55:44	Dark	71.000	14	58Alp Ori	0.87000	3000.0	142	44398	No
229	GOM_NL__2PRFIN20100827_185933_000000502092_00256_44398_0199.N1	27-AUG-2010 18:59:33	Dark	50.000	30	46Eps Ori	1.6940	30000.	100	44398	No
230	GOM_NL__2PRFIN20100827_190101_000000562092_00256_44398_0200.N1	27-AUG-2010 19:01:01	Dark	56.000	1	9Alp CMa	-1.4400	11000.	112	44398	No
231	GOM_NL__2PRFIN20100827_190435_000000532092_00256_44398_0201.N1	27-AUG-2010 19:04:35	Dark	52.500	101	11Alp Lep	2.5820	7000.0	105	44398	No
232	GOM_NL__2PRFIN20100827_191929_000000552092_00257_44399_0206.N1	27-AUG-2010 19:19:29	Dark	55.000	157	The1Eri	2.9060	9300.0	110	44399	No
233	GOM_NL__2PRFIN20100827_192204_000000542092_00257_44399_0207.N1	27-AUG-2010 19:22:04	Dark	54.000	9	Alp Eri	0.45300	24000.	108	44399	No
234	GOM_NL__2PRFIN20100827_192802_000000552092_00257_44399_0208.N1	27-AUG-2010 19:28:02	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	44399	No
235	GOM_NL__2PRFIN20100827_192949_000000542092_00257_44399_0209.N1	27-AUG-2010 19:29:49	Straylight	54.000	63	Bet Gru	2.1500	2800.0	108	44399	No
236	GOM_NL__2PRFIN20100827_193431_000000542092_00257_44399_0210.N1	27-AUG-2010 19:34:31	Straylight	53.500	18	24Alp PsA	1.1660	9700.0	107	44399	No
237	GOM_NL__2PRFIN20100827_193931_000000452092_00257_44399_0211.N1	27-AUG-2010 19:39:31	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	44399	No
238	GOM_NL__2PRFIN20100827_194242_000000402092_00257_44399_0212.N1	27-AUG-2010 19:42:42	Bright	40.000	154	22Bet Aqr	2.8990	5700.0	80	44399	No
239	GOM_NL__2PRFIN20100827_194418_000000442092_00257_44399_0213.N1	27-AUG-2010 19:44:18	Bright	44.000	162	34Alp Aqr	2.9440	5350.0	88	44399	No
240	GOM_NL__2PRFIN20100827_194720_000000422092_00257_44399_0214.N1	27-AUG-2010 19:47:20	Bright	41.500	61	8Eps Peg	2.1000	3900.0	83	44399	No
241	GOM_NL__2PRFIN20100827_195456_000000452092_00257_44399_0215.N1	27-AUG-2010 19:54:56	Bright	45.000	164	44Eta Peg	2.9480	5400.0	90	44399	No
242	GOM_NL__2PRFIN20100827_200223_000000372092_00257_44399_0216.N1	27-AUG-2010 20:02:23	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	44399	No
243	GOM_NL__2PRFIN20100827_200545_000000462092_00257_44399_0217.N1	27-AUG-2010 20:05:45	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	44399	No
244	GOM_NL__2PRFIN20100827_200757_000000482092_00257_44399_0218.N1	27-AUG-2010 20:07:57	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	44399	No
245	GOM_NL__2PRFIN20100827_202210_000000552092_00257_44399_0219.N1	27-AUG-2010 20:22:10	Bright	55.000	6	13Alp Aur	0.080000	3400.0	110	44399	No
246	GOM_NL__2PRFIN20100827_202536_000000652092_00257_44399_0220.N1	27-AUG-2010 20:25:36	Bright	65.000	107	37The Aur	2.6490	11000.	130	44399	No
247	GOM_NL__2PRFIN20100827_203027_000000542092_00257_44399_0221.N1	27-AUG-2010 20:30:27	Tw_i_and_stray	53.500	151	13Mu Gem	2.8900	3000.0	107	44399	No
248	GOM_NL__2PRFIN20100827_203209_000000502092_00257_44399_0222.N1	27-AUG-2010 20:32:09	Tw_i_and_stray	49.500	44	24Gam Gem	1.9280	11000.	99	44399	No
249	GOM_NL__2PRFIN20100827_203620_000000662092_00257_44399_0223.N1	27-AUG-2010 20:36:20	Dark	65.500	14	58Alp Ori	0.87000	3000.0	131	44399	No
250	GOM_NL__2PRFIN20100827_204009_000000502092_00257_44399_0224.N1	27-AUG-2010 20:40:09	Dark	50.000	30	46Eps Ori	1.6940	30000.	100	44399	No
251	GOM_NL__2PRFIN20100827_204138_000000462092_00257_44399_0225.N1	27-AUG-2010 20:41:38	Dark	46.000	1	9Alp CMa	-1.4400	11000.	92	44399	No
252	GOM_NL__2PRFIN20100827_204512_000000552092_00257_44399_0226.N1	27-AUG-2010 20:45:12	Dark	54.500	101	11Alp Lep	2.5820	7000.0	109	44399	No
253	GOM_NL__2PRFIN20100827_210005_000000522092_00258_44400_0231.N1	27-AUG-2010 21:00:05	Dark	51.500	157	The1Eri	2.9060	9300.0	103	44400	No
254	GOM_NL__2PRFIN20100827_210241_000000462092_00258_44400_0232.N1	27-AUG-2010 21:02:41	Dark	46.000	9	Alp Eri	0.45300	24000.	92	44400	No
255	GOM_NL__2PRFIN20100827_210839_000000592092_00258_44400_0233.N1	27-AUG-2010 21:08:39	Straylight	59.000	84	Alp Phe	2.3970	4500.0	118	44400	No
256	GOM_NL__2PRFIN20100827_211026_000000522092_00258_44400_0234.N1	27-AUG-2010 21:10:26	Straylight	51.500	63	Bet Gru	2.1500	2800.0	103	44400	No
257	GOM_NL__2PRFIN20100827_211507_000000502092_00258_44400_0235.N1	27-AUG-2010 21:15:07	Straylight	50.000	18	24Alp PsA	1.1660	9700.0	100	44400	No
258	GOM_NL__2PRFIN20100827_212006_000000452092_00258_44400_0236.N1	27-AUG-2010 21:20:06	Bright	45.000	142	49Del Cap	2.8500	8900.0	90	44400	No
259	GOM_NL__2PRFIN20100827_212318_000000402092_00258_44400_0237.N1	27-AUG-2010 21:23:18	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	44400	No
260	GOM_NL__2PRFIN20100827_212454_000000422092_00258_44400_0238.N1	27-AUG-2010 21:24:54	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	44400	No
261	GOM_NL__2PRFIN20100827_212756_000000412092_00258_44400_0239.N1	27-AUG-2010 21:27:56	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	44400	No
262	GOM_NL__2PRFIN20100827_213532_000000482092_00258_44400_0240.N1	27-AUG-2010 21:35:32	Bright	48.000	164	44Eta Peg	2.9480	5400.0	96	44400	No
263	GOM_NL__2PRFIN20100827_214258_000000382092_00258_44400_0241.N1	27-AUG-2010 21:42:58	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	44400	No
264	GOM_NL__2PRFIN20100827_214620_000000482092_00258_44400_0242.N1	27-AUG-2010 21:46:20	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	44400	No
265	GOM_NL__2PRFIN20100827_214831_000000472092_00258_44400_0243.N1	27-AUG-2010 21:48:31	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	44400	No
266	GOM_NL__2PRFIN20100827_220246_000000612092_00258_44400_0244.N1	27-AUG-2010 22:02:46	Bright	60.500	6	13Alp Aur	0.080000	3400.0	121	44400	No
267	GOM_NL__2PRFIN20100827_220612_000000452092_00258_44400_0245.N1	27-AUG-2010 22:06:12	Bright	45.000	107	37The Aur	2.6490	11000.	90	44400	No
268	GOM_NL__2PRFIN20100827_221103_000000562092_00258_44400_0246.N1	27-AUG-2010 22:11:03	Tw_i_and_stray	55.500	151	13Mu Gem	2.8900	3000.0	111	44400	No
269	GOM_NL__2PRFIN20100827_221245_000000452092_00258_44400_0247.N1	27-AUG-2010 22:12:45	Tw_i_and_stray	45.000	44	24Gam Gem	1.9280	11000.	90	44400	No
270	GOM_NL__2PRFIN20100827_221657_000000602092_00258_44400_0248.N1	27-AUG-2010 22:16:57	Dark	59.500	14	58Alp Ori	0.87000	3000.0	119	44400	No
271	GOM_NL__2PRFIN20100827_222046_000000422092_00258_44400_0249.N1	27-AUG-2010 22:20:46	Dark	42.000	30	46Eps Ori	1.6940	30000.	84	44400	No
272	GOM_NL__2PRFIN20100827_222214_000000522092_00258_44400_0250.N1	27-AUG-2010 22:22:14	Dark	52.000	1	9Alp CMa	-1.4400	11000.	104	44400	No
273	GOM_NL__2PRFIN20100827_222549_000000522092_00258_44400_0251.N1	27-AUG-2010 22:25:49	Dark	51.500	101	11Alp Lep	2.5820	7000.0	103	44400	No
274	GOM_NL__2PRFIN20100827_224043_000000552092_00259_44401_0273.N1	27-AUG-2010 22:40:43	Dark	54.500	157	The1Eri	2.9060	9300.0	109	44401	No
275	GOM_NL__2PRFIN20100827_224317_000000462092_00259_44401_0274.N1	27-AUG-2010 22:43:17	Dark	45.500	9	Alp Eri	0.45300	24000.	91	44401	No
276	GOM_NL__2PRFIN20100827_224915_000000592092_00259_44401_0275.N1	27-AUG-2010 22:49:15	Straylight	59.000	84	Alp Phe	2.3970	4500.0	118	44401	No
277	GOM_NL__2PRFIN20100827_225102_000000552092_00259_44401_0276.N1	27-AUG-2010 22:51:02	Straylight	55.000	63	Bet Gru	2.1500	2800.0	110	44401	No
278	GOM_NL__2PRFIN20100827_225543_000000522092_00259_44401_0277.N1	27-AUG-2010 22:55:43	Straylight	51.500	18	24Alp PsA	1.1660	9700.0	103	44401	No

279	GOM_NL__2PRFIN20100827_230042_000000462092_00259_44401_0278.N1	27-AUG-2010 23:00:42	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	44401	No
280	GOM_NL__2PRFIN20100827_230354_000000402092_00259_44401_0279.N1	27-AUG-2010 23:03:54	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	44401	No
281	GOM_NL__2PRFIN20100827_230529_000000422092_00259_44401_0280.N1	27-AUG-2010 23:05:29	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	44401	No
282	GOM_NL__2PRFIN20100827_230831_000000402092_00259_44401_0281.N1	27-AUG-2010 23:08:31	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	44401	No
283	GOM_NL__2PRFIN20100827_231607_000000492092_00259_44401_0282.N1	27-AUG-2010 23:16:07	Bright	48.500	164	44Eta Peg	2.9480	5400.0	97	44401	No
284	GOM_NL__2PRFIN20100827_232334_000000402092_00259_44401_0283.N1	27-AUG-2010 23:23:34	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	44401	No
285	GOM_NL__2PRFIN20100827_232655_000000482092_00259_44401_0284.N1	27-AUG-2010 23:26:55	Bright	47.500	74	11Bet Cas	2.2680	6600.0	95	44401	No
286	GOM_NL__2PRFIN20100827_232906_000000482092_00259_44401_0285.N1	27-AUG-2010 23:29:06	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	44401	No
287	GOM_NL__2PRFIN20100827_234321_000000552092_00259_44401_0286.N1	27-AUG-2010 23:43:21	Bright	55.000	6	13Alp Aur	0.080000	3400.0	110	44401	No
288	GOM_NL__2PRFIN20100827_234648_000000612092_00259_44401_0287.N1	27-AUG-2010 23:46:48	Bright	61.000	107	37The Aur	2.6490	11000.	122	44401	No
289	GOM_NL__2PRFIN20100827_235139_000000552092_00259_44401_0288.N1	27-AUG-2010 23:51:39	Twilight_stray	54.500	151	13Mu Gem	2.8900	3000.0	109	44401	No
290	GOM_NL__2PRFIN20100827_235321_000000472092_00259_44401_0289.N1	27-AUG-2010 23:53:21	Twilight_stray	47.000	44	24Gam Gem	1.9280	11000.	94	44401	No
291	GOM_NL__2PRFIN20100827_235734_000000622092_00259_44401_0290.N1	27-AUG-2010 23:57:34	Dark	62.000	14	58Alp Ori	0.87000	3000.0	124	44401	No

3. Quality information per product

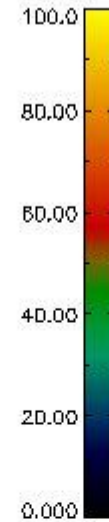
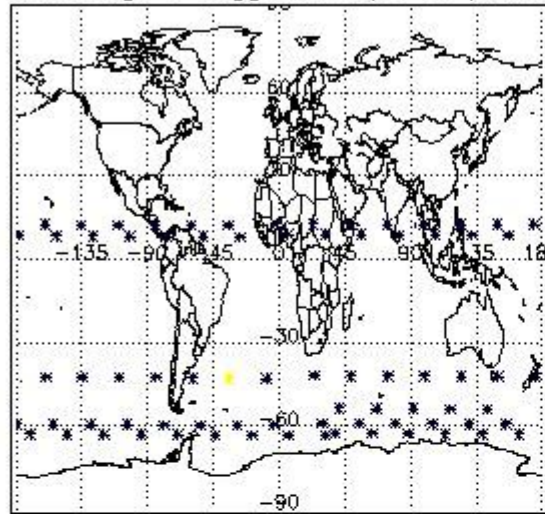
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

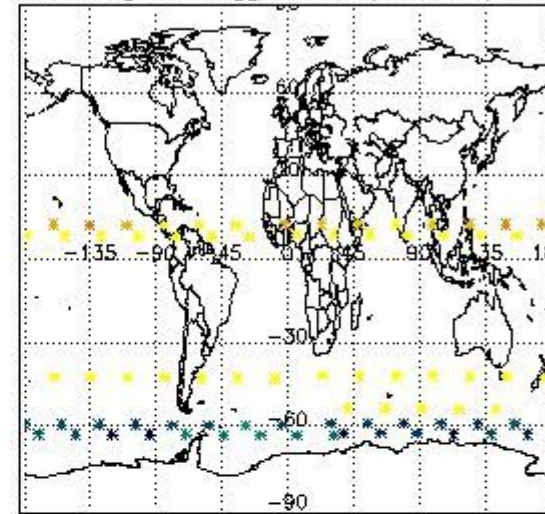


3.2 Plot quality information per product (world map)

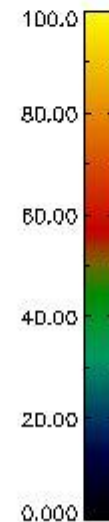
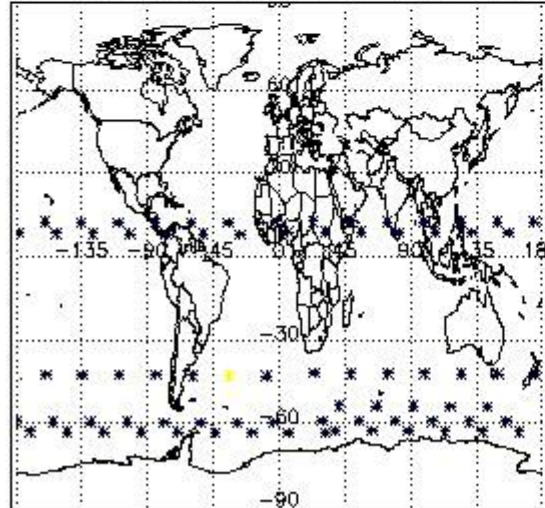
Percentage of flagged data per O3 profile



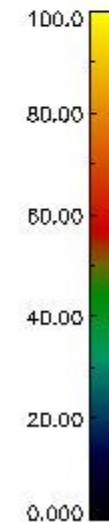
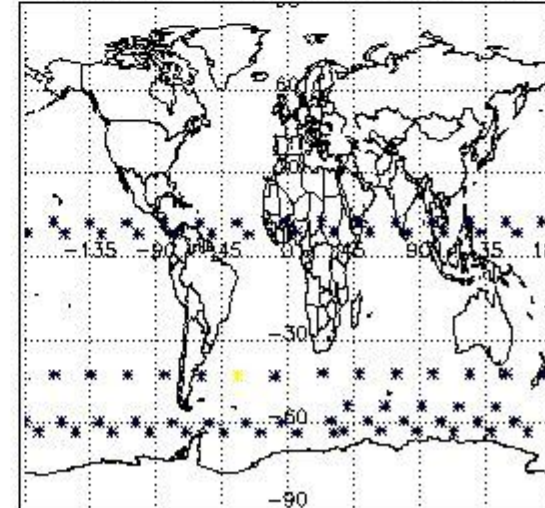
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

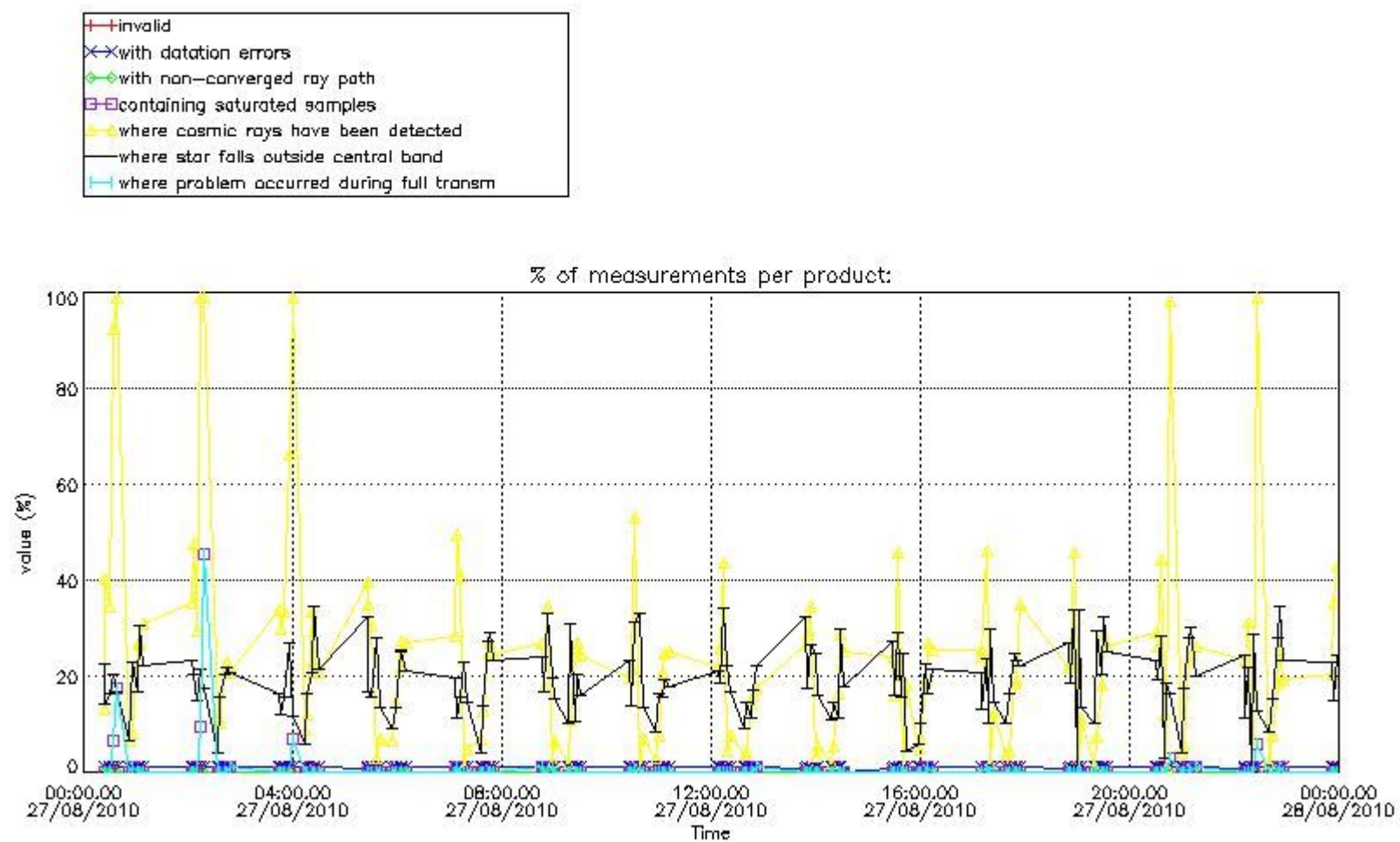


4. Level 1 quality information per product

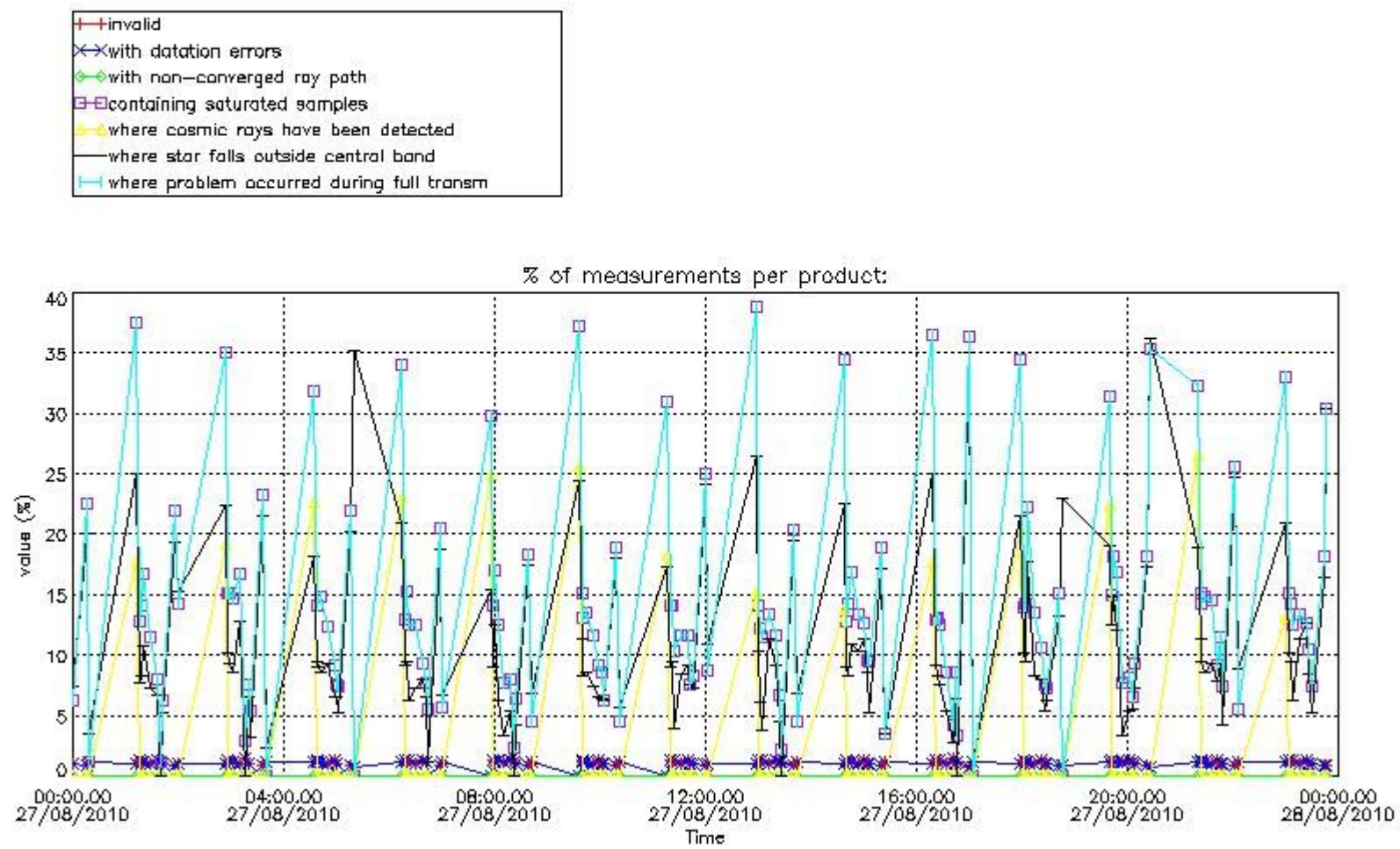
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

4.1 Plot quality information per product (time dependant) coming from level 1b processing

4.1.1 Plot level 1 quality information per product (time dependant): ENVISAT ASCENDING passes

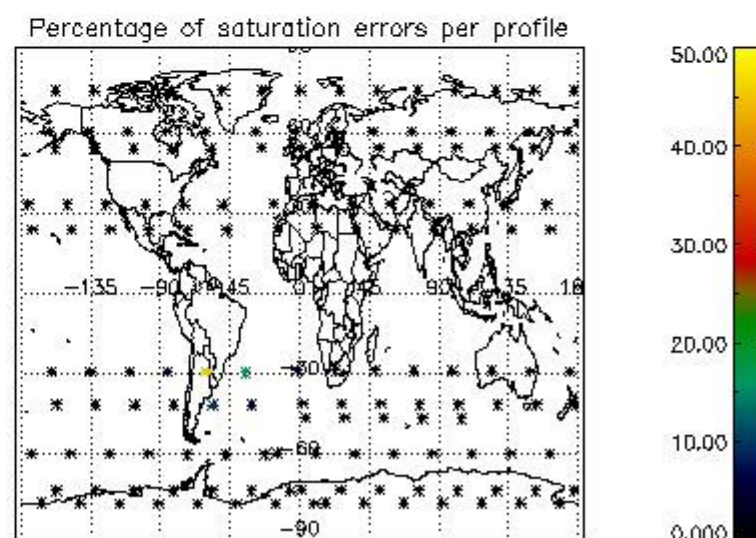
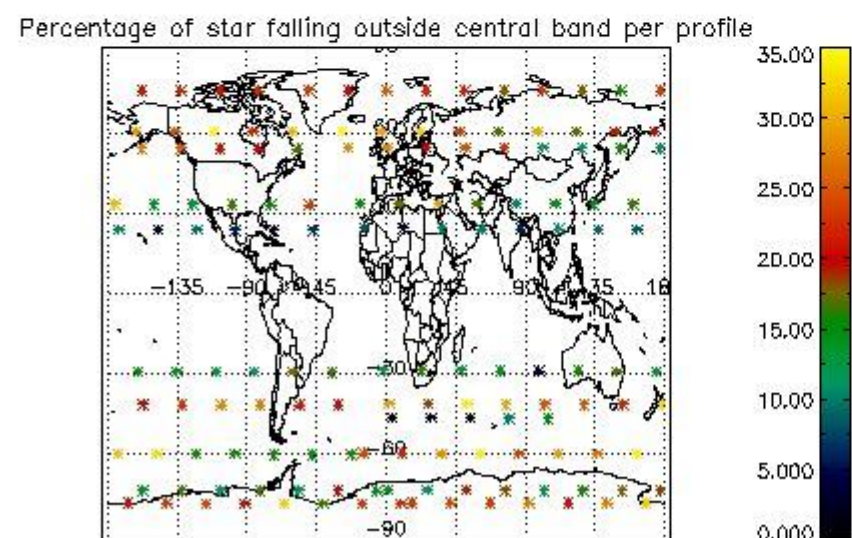
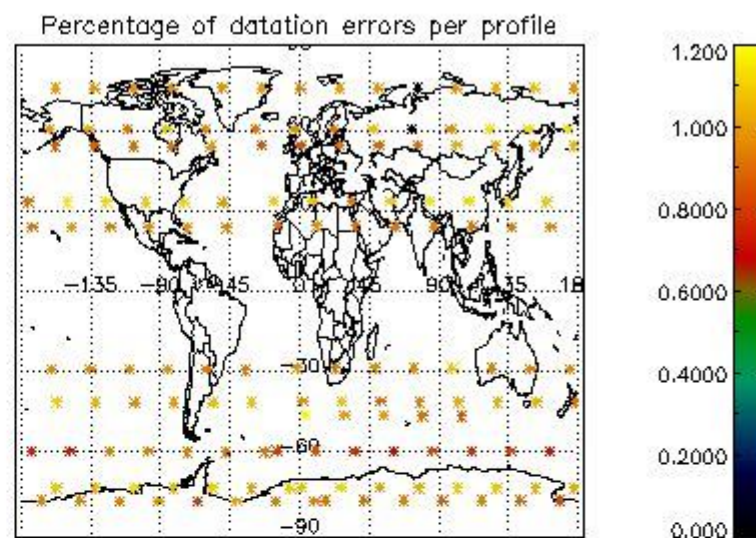
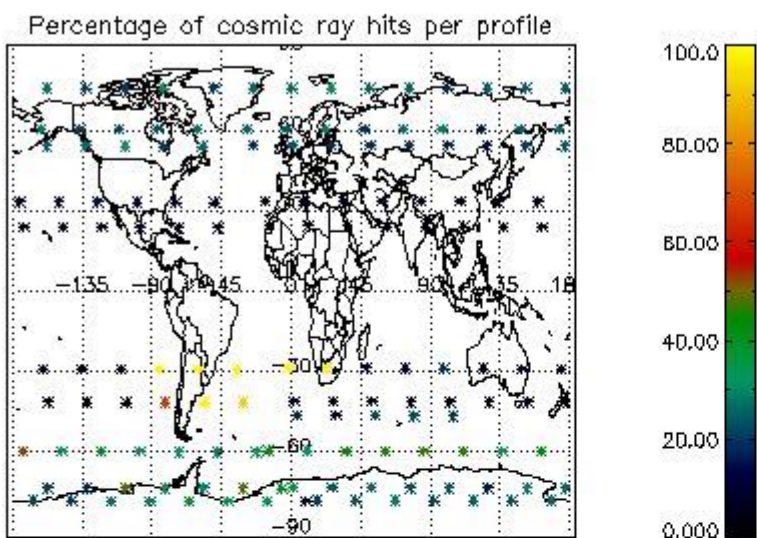


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

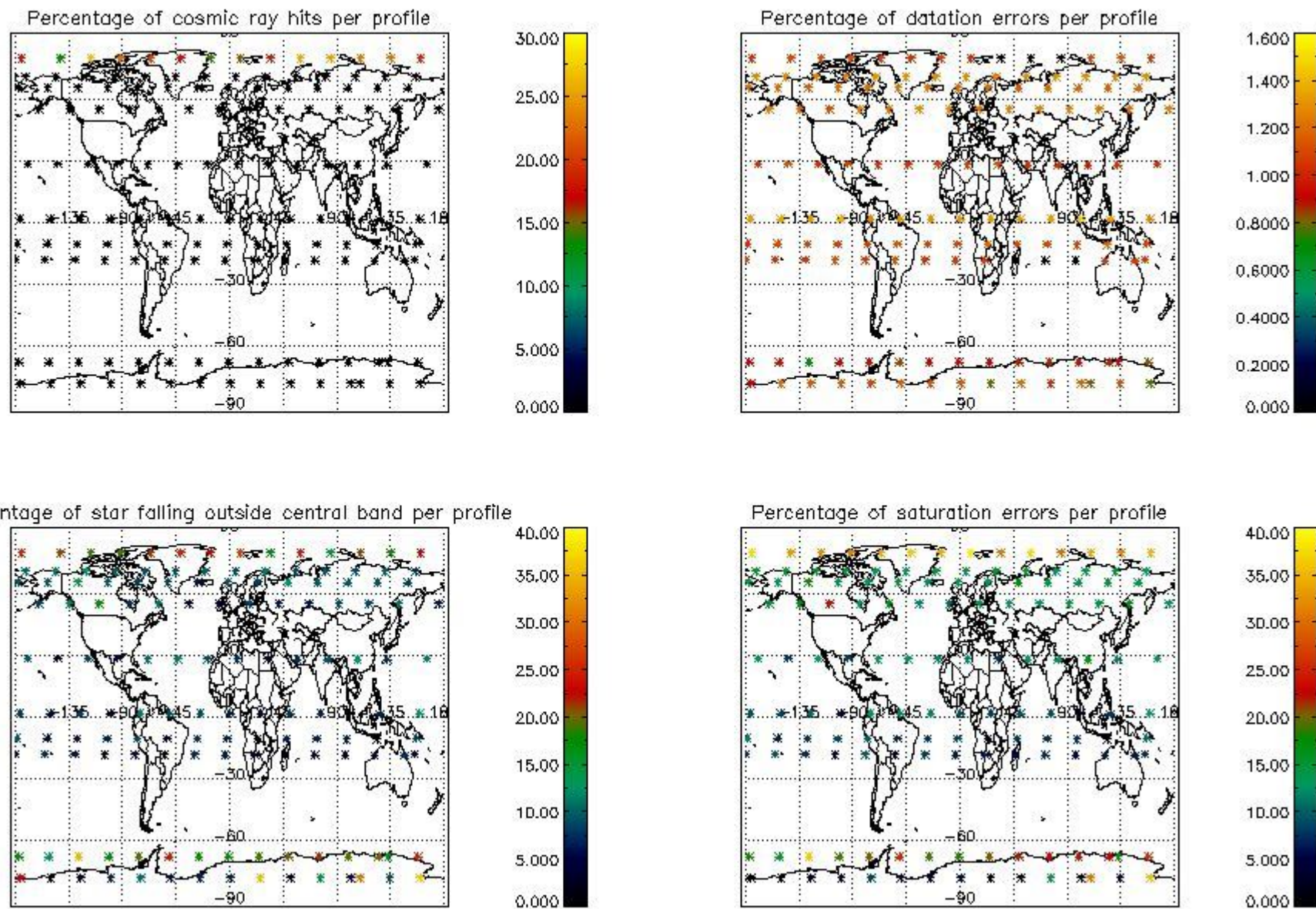


4.2 Plot quality information per product coming from level 1b processing (world map)

4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes



4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/o3_std of the level 2 products. The table below shows the statistics for given STD ranges.

The statistics are given with respect to the overall valid production:

- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

The 'Criteria' is applied to valid points of dark limb products:

- Products in dark limb illumination condition: GOM_NL__2P/NL_SUMMARY_QUALITY/obs_ill_cond=0
- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

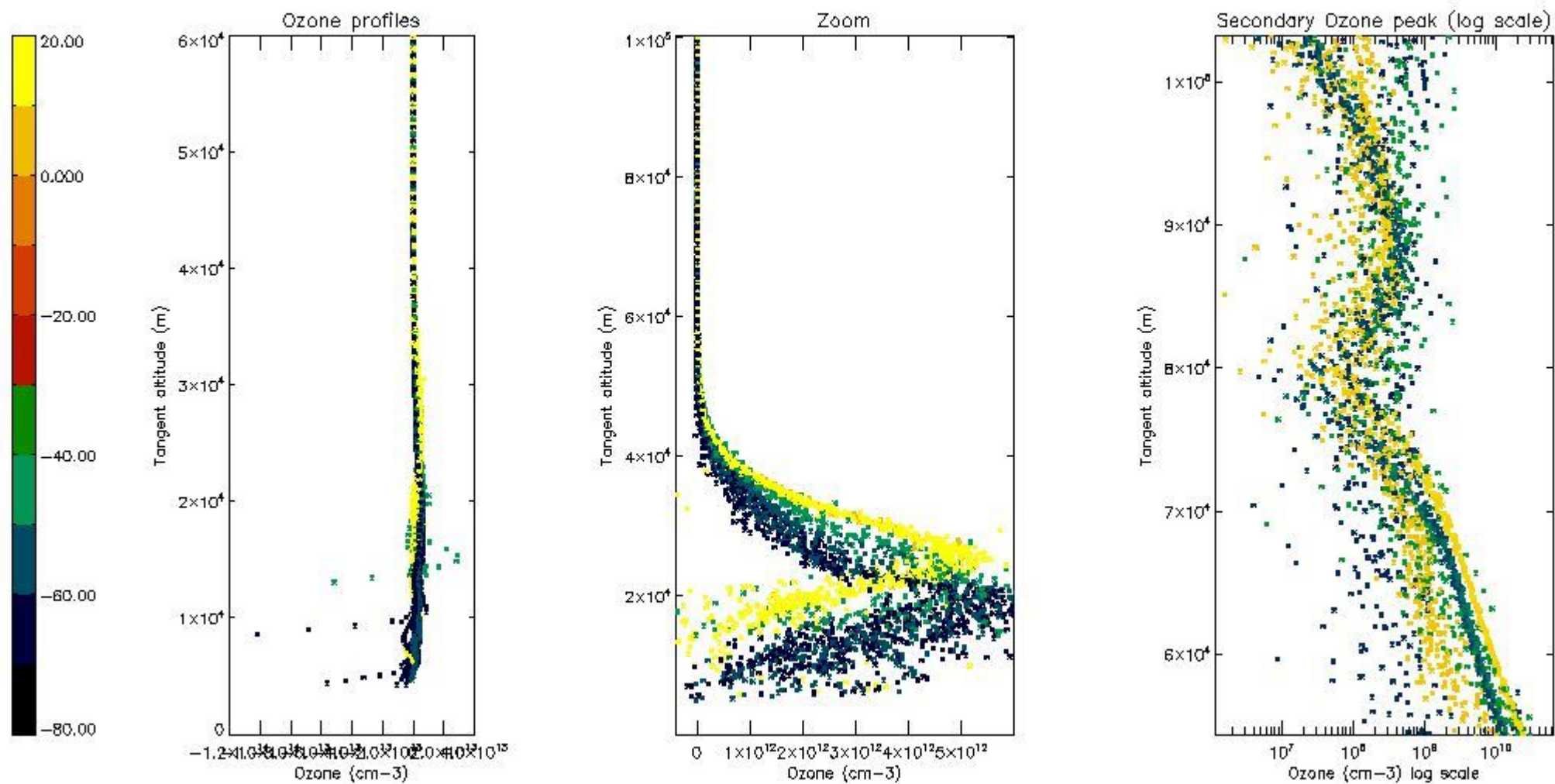
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	29
STD < 20	15

STD < 10	12
STD < 5	8

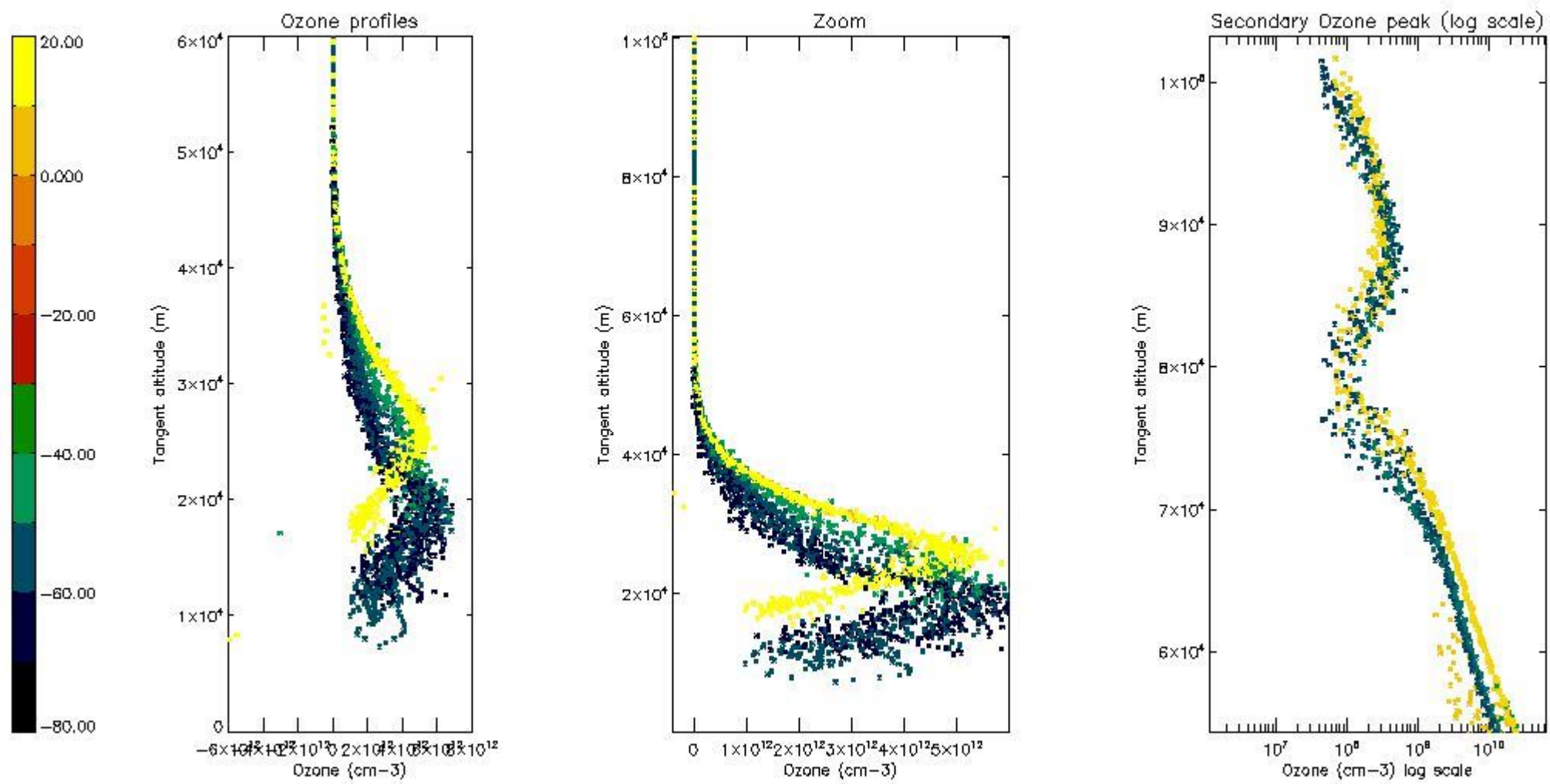
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



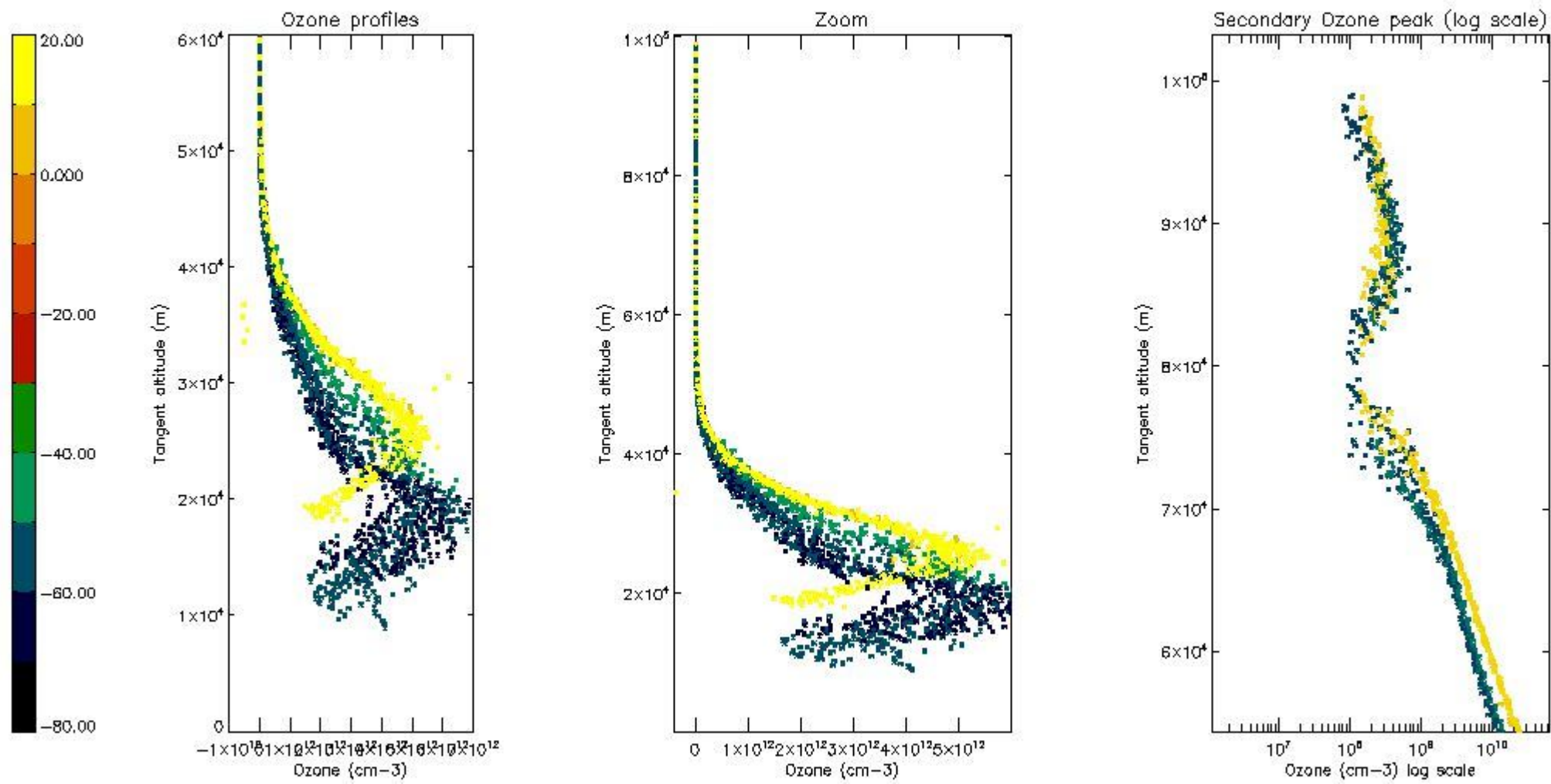
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



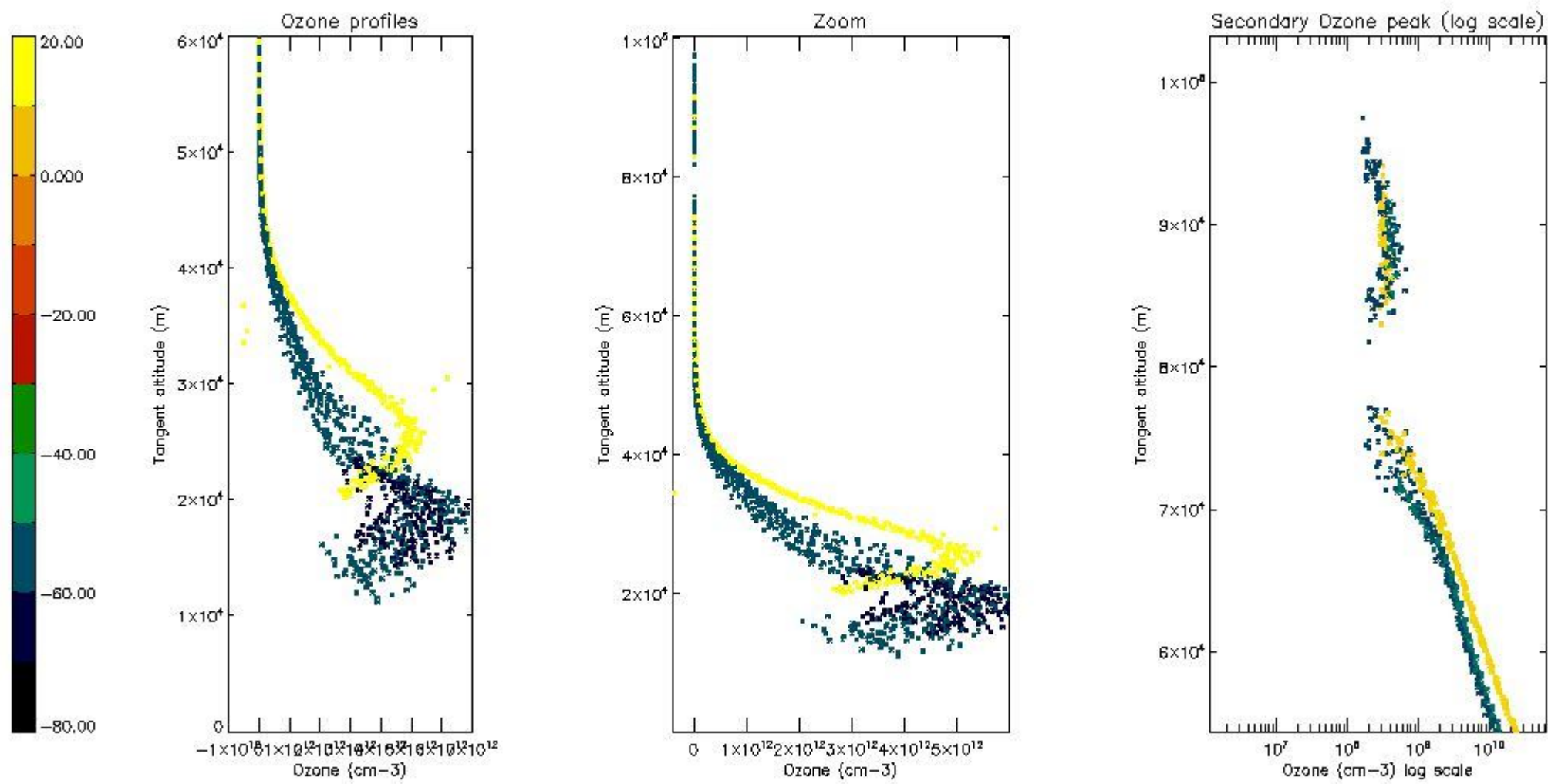
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



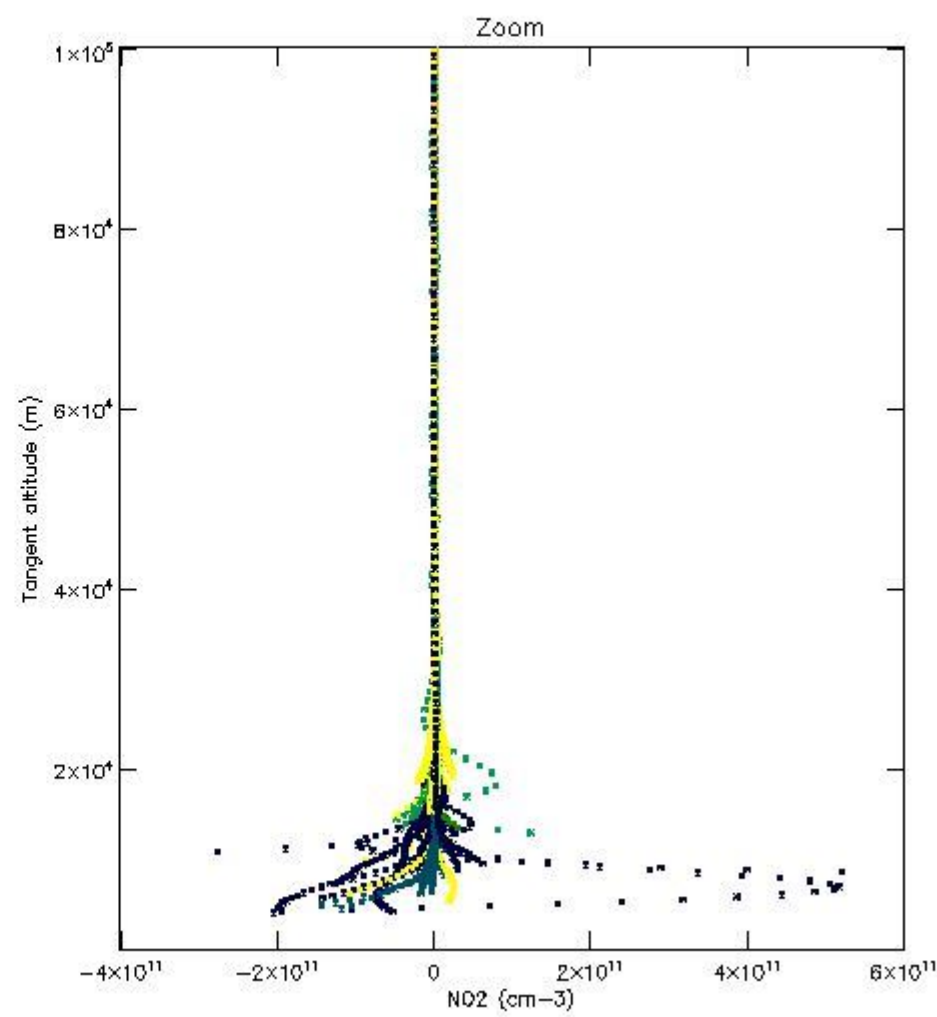
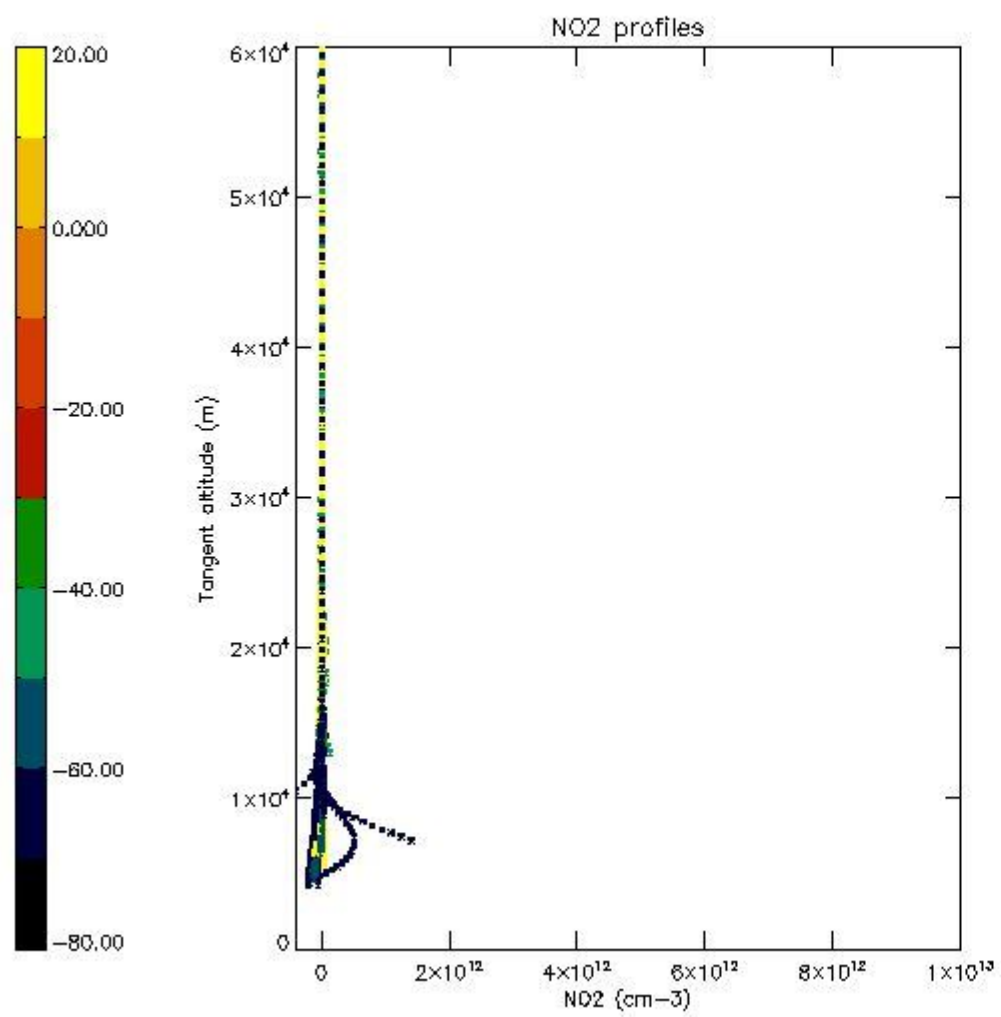
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



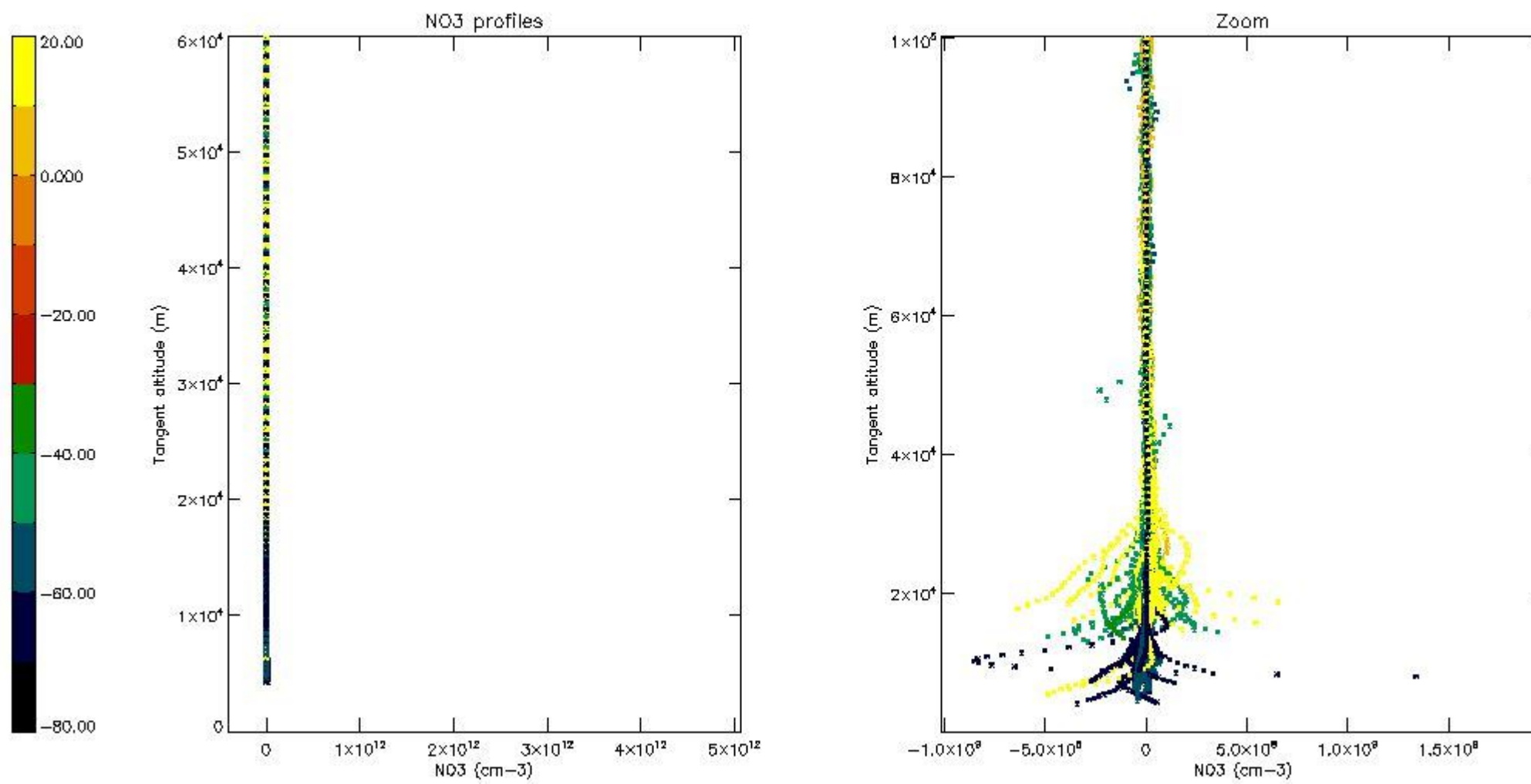
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



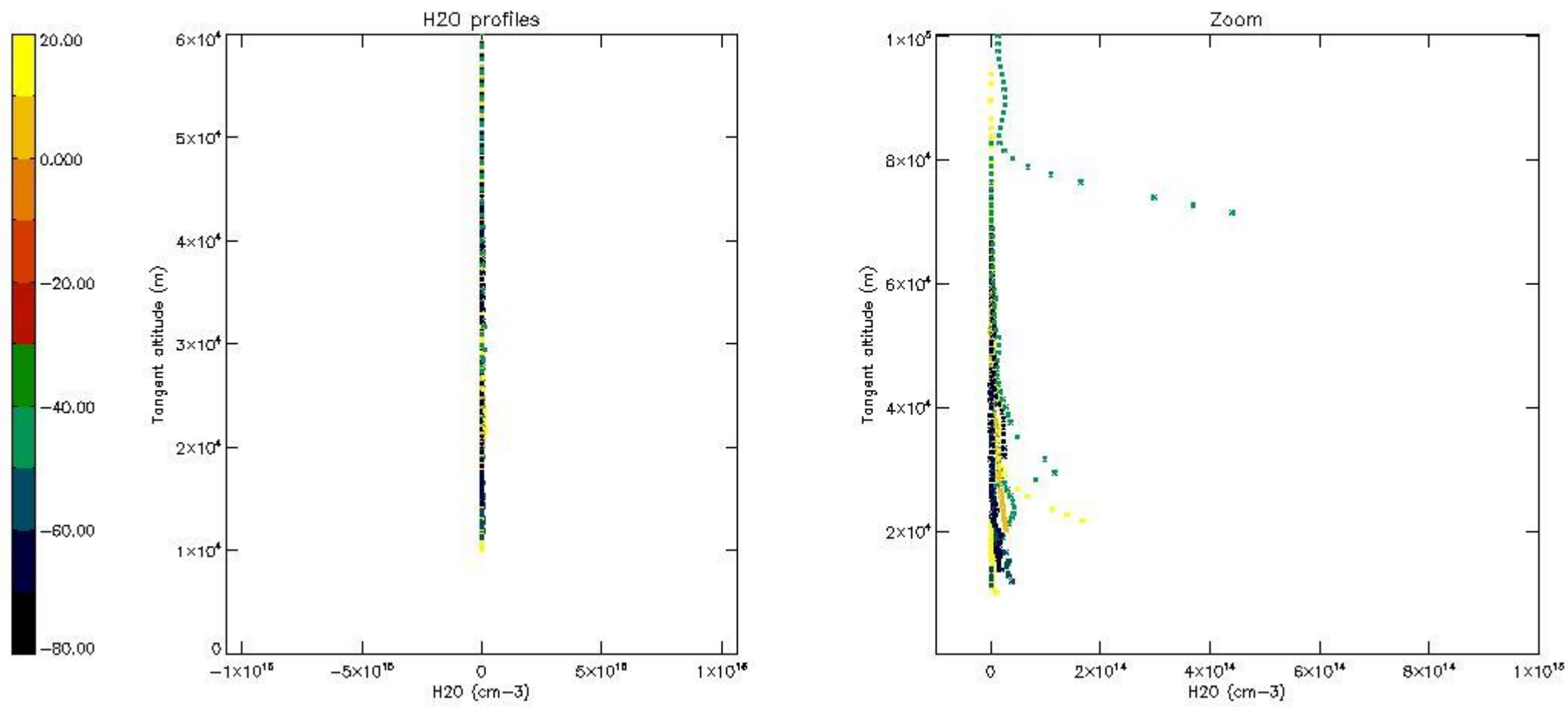
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



5.8 Plot H2O profiles for all STD (only for occultations of stars 1,2,3,4,13,14,16,26,63 dark without errors)

The colorbar represents the latitude.



6. Auxiliary Data Files used for the production reported in section 2

The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	27-AUG-2010 00:00:54
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	27-AUG-2010 00:00:54
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	27-AUG-2010 00:00:54

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

[2. Summary of processed GOM_NL_2P products](#)

[3. Level 2 Quality information per product](#)

[3.1 Plot of level 2 quality information per product \(time dependant\)](#)

[3.2 Plot of level 2 quality information per product \(world map\)](#)

[4. Level 1 Quality information per product \(stored on level 2 products\)](#)

[4.1 Plot of level 1 quality information per product \(time dependant\)](#)

[4.1.1 Plot of level 1 quality information per product \(time dependant\): ASCENDING](#)

[4.1.2 Plot of level 1 quality information per product \(time dependant\): DESCENDING](#)

[4.2 Plot of level 1 quality information per product \(world map\)](#)

[4.2.1 Plot of level 1 quality information per product \(world map\): ASCENDING](#)

[4.2.2 Plot of level 1 quality information per product \(world map\): DESCENDING](#)

[5. Ozone profiles based on quality statistics and other trace gas profiles](#)

[5.1 Ozone statistics based on quality of products](#)

[5.2 Plot ozone profiles for all STD \(dark without errors\)](#)

[5.3 Plot ozone profiles where STD < 20% \(dark without errors\)](#)

[5.4. Plot ozone profiles where STD < 10% \(dark without errors\)](#)

[5.5. Plot ozone profiles where STD < 5% \(dark without errors\)](#)

[5.6 Plot NO2 profiles for all STD \(dark without errors\)](#)

[5.7 Plot NO3 profiles for all STD \(dark without errors\)](#)

[5.8 Plot H2O profiles \(only for occultations of stars 1,2,3,4,13,14,16,26,63 dark without errors\) for all STD](#)

[6. Auxiliary Data Files used for the production reported in section 2](#)

This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM_NL__2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	29APR2013 14:41:48
Data source version	GOMOS/6.01
Start time of products	27-08-2010 (27AUG2010 00:00:00)
Stop time of products	28-08-2010 (28AUG2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	291
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20100827_000054_00000482092_00245_44387_9832.N1	27-AUG-2010 00:00:54	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	44387	No
2	GOM_NL__2PRFIN20100827_001501_00000582092_00245_44387_9833.N1	27-AUG-2010 00:15:01	Bright	57.500	6	13Alp Aur	0.080000	3400.0	115	44387	No
3	GOM_NL__2PRFIN20100827_001824_00000432092_00245_44387_9834.N1	27-AUG-2010 00:18:24	Bright	42.500	107	37The Aur	2.6490	11000.	85	44387	No
4	GOM_NL__2PRFIN20100827_002312_00000542092_00245_44387_9835.N1	27-AUG-2010 00:23:12	Twilight	53.500	151	13Mu Gem	2.8900	3000.0	107	44387	No
5	GOM_NL__2PRFIN20100827_002453_00000462092_00245_44387_9836.N1	27-AUG-2010 00:24:53	Twilight	46.000	44	24Gam Gem	1.9280	11000.	92	44387	No
6	GOM_NL__2PRFIN20100827_002901_00000552092_00245_44387_9837.N1	27-AUG-2010 00:29:01	Dark	55.000	14	58Alp Ori	0.87000	3000.0	110	44387	No
7	GOM_NL__2PRFIN20100827_003420_00000472092_00245_44387_9838.N1	27-AUG-2010 00:34:20	Dark	46.500	1	9Alp CMa	-1.4400	11000.	93	44387	No
8	GOM_NL__2PRFIN20100827_003748_00000542092_00245_44387_9839.N1	27-AUG-2010 00:37:48	Dark	54.000	101	11Alp Lep	2.5820	7000.0	108	44387	No
9	GOM_NL__2PRFIN20100827_005240_00000532092_00246_44388_9855.N1	27-AUG-2010 00:52:40	Dark	53.000	157	The1Eri	2.9060	9300.0	106	44388	No
10	GOM_NL__2PRFIN20100827_005522_00000502092_00246_44388_9856.N1	27-AUG-2010 00:55:22	Dark	50.000	9	Alp Eri	0.45300	24000.	100	44388	No
11	GOM_NL__2PRFIN20100827_010120_00000512092_00246_44388_9857.N1	27-AUG-2010 01:01:20	Straylight	51.000	84	Alp Phe	2.3970	4500.0	102	44388	No
12	GOM_NL__2PRFIN20100827_010310_00000532092_00246_44388_9858.N1	27-AUG-2010 01:03:10	Straylight	52.500	63	Bet Gru	2.1500	2800.0	105	44388	No
13	GOM_NL__2PRFIN20100827_010752_00000522092_00246_44388_9859.N1	27-AUG-2010 01:07:52	Straylight	51.500	18	24Alp PsA	1.1660	9700.0	103	44388	No
14	GOM_NL__2PRFIN20100827_011254_00000482092_00246_44388_9860.N1	27-AUG-2010 01:12:54	Bright	48.000	142	49Del Cap	2.8500	8900.0	96	44388	No
15	GOM_NL__2PRFIN20100827_011606_00000392092_00246_44388_9861.N1	27-AUG-2010 01:16:06	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	44388	No
16	GOM_NL__2PRFIN20100827_011743_00000432092_00246_44388_9862.N1	27-AUG-2010 01:17:43	Bright	42.500	162	34Alp Aqr	2.9440	5350.0	85	44388	No
17	GOM_NL__2PRFIN20100827_012045_00000422092_00246_44388_9863.N1	27-AUG-2010 01:20:45	Bright	42.000	61	8Eps Peg	2.1000	3900.0	84	44388	No
18	GOM_NL__2PRFIN20100827_012828_00000482092_00246_44388_9864.N1	27-AUG-2010 01:28:28	Bright	48.000	164	44Eta Peg	2.9480	5400.0	96	44388	No
19	GOM_NL__2PRFIN20100827_013549_00000382092_00246_44388_9865.N1	27-AUG-2010 01:35:49	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	44388	No
20	GOM_NL__2PRFIN20100827_013917_00000432092_00246_44388_9866.N1	27-AUG-2010 01:39:17	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	44388	No
21	GOM_NL__2PRFIN20100827_014129_00000482092_00246_44388_9867.N1	27-AUG-2010 01:41:29	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	44388	No
22	GOM_NL__2PRFIN20100827_015537_00000572092_00246_44388_9868.N1	27-AUG-2010 01:55:37	Bright	57.000	6	13Alp Aur	0.080000	3400.0	114	44388	No
23	GOM_NL__2PRFIN20100827_015900_00000492092_00246_44388_9869.N1	27-AUG-2010 01:59:00	Bright	49.000	107	37The Aur	2.6490	11000.	98	44388	No
24	GOM_NL__2PRFIN20100827_020348_00000542092_00246_44388_9870.N1	27-AUG-2010 02:03:48	Twilight	54.000	151	13Mu Gem	2.8900	3000.0	108	44388	No
25	GOM_NL__2PRFIN20100827_020529_00000502092_00246_44388_9871.N1	27-AUG-2010 02:05:29	Twilight	49.500	44	24Gam Gem	1.9280	11000.	99	44388	No
26	GOM_NL__2PRFIN20100827_020938_00000542092_00246_44388_9872.N1	27-AUG-2010 02:09:38	Dark	54.000	14	58Alp Ori	0.87000	3000.0	108	44388	No
27	GOM_NL__2PRFIN20100827_021457_00000472092_00246_44388_9873.N1	27-AUG-2010 02:14:57	Dark	47.000	1	9Alp CMa	-1.4400	11000.	94	44388	No
28	GOM_NL__2PRFIN20100827_021825_00000542092_00246_44388_9874.N1	27-AUG-2010 02:18:25	Dark	54.000	101	11Alp Lep	2.5820	7000.0	108	44388	No
29	GOM_NL__2PRFIN20100827_023317_00000522092_00247_44389_9869.N1	27-AUG-2010 02:33:17	Dark	51.500	157	The1Eri	2.9060	9300.0	103	44389	No
30	GOM_NL__2PRFIN20100827_023558_00000452092_00247_44389_9870.N1	27-AUG-2010 02:35:58	Dark	45.000	9	Alp Eri	0.45300	24000.	90	44389	No
31	GOM_NL__2PRFIN20100827_024156_00000552092_00247_44389_9871.N1	27-AUG-2010 02:41:56	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	44389	No
32	GOM_NL__2PRFIN20100827_024347_00000462092_00247_44389_9872.N1	27-AUG-2010 02:43:47	Straylight	46.000	63	Bet Gru	2.1500	2800.0	92	44389	No
33	GOM_NL__2PRFIN20100827_024828_00000512092_00247_44389_9873.N1	27-AUG-2010 02:48:28	Straylight	51.000	18	24Alp PsA	1.1660	9700.0	102	44389	No
34	GOM_NL__2PRFIN20100827_025330_00000472092_00247_44389_9874.N1	27-AUG-2010 02:53:30	Bright	47.000	142	49Del Cap	2.8500	8900.0	94	44389	No
35	GOM_NL__2PRFIN20100827_025642_00000402092_00247_44389_9875.N1	27-AUG-2010 02:56:42	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	44389	No
36	GOM_NL__2PRFIN20100827_025819_00000432092_00247_44389_9876.N1	27-AUG-2010 02:58:19	Bright	43.000	162	34Alp Aqr	2.9440	5350.0	86	44389	No
37	GOM_NL__2PRFIN20100827_030121_00000412092_00247_44389_9877.N1	27-AUG-2010 03:01:21	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	44389	No
38	GOM_NL__2PRFIN20100827_030903_00000512092_00247_44389_9878.N1	27-AUG-2010 03:09:03	Bright	51.000	164	44Eta Peg	2.9480	5400.0	102	44389	No
39	GOM_NL__2PRFIN20100827_031625_00000342092_00247_44389_9879.N1	27-AUG-2010 03:16:25	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	44389	No
40	GOM_NL__2PRFIN20100827_031952_00000462092_00247_44389_9880.N1	27-AUG-2010 03:19:52	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	44389	No
41	GOM_NL__2PRFIN20100827_032204_00000462092_00247_44389_9881.N1	27-AUG-2010 03:22:04	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	44389	No
42	GOM_NL__2PRFIN20100827_033613_00000582092_00247_44389_9882.N1	27-AUG-2010 03:36:13	Bright	58.000	6	13Alp Aur	0.080000	3400.0	116	44389	No

43	GOM_NL__2PRFIN20100827_033936_000000422092_00247_44389_9883.N1	27-AUG-2010 03:39:36	Bright	42.000	107	37The Aur	2.6490	11000.	84	44389	No
44	GOM_NL__2PRFIN20100827_034425_000000492092_00247_44389_9884.N1	27-AUG-2010 03:44:25	Twilight	49.000	151	13Mu Gem	2.8900	3000.0	98	44389	No
45	GOM_NL__2PRFIN20100827_034606_000000462092_00247_44389_9885.N1	27-AUG-2010 03:46:06	Twilight	45.500	44	24Gam Gem	1.9280	11000.	91	44389	No
46	GOM_NL__2PRFIN20100827_035014_000000542092_00247_44389_9886.N1	27-AUG-2010 03:50:14	Dark	54.000	14	58Alp Ori	0.87000	3000.0	108	44389	No
47	GOM_NL__2PRFIN20100827_035533_000000502092_00247_44389_9887.N1	27-AUG-2010 03:55:33	Dark	50.000	1	9Alp CMa	-1.4400	11000.	100	44389	No
48	GOM_NL__2PRFIN20100827_035902_000000512092_00247_44389_9888.N1	27-AUG-2010 03:59:02	Dark	51.000	101	11Alp Lep	2.5820	7000.0	102	44389	No
49	GOM_NL__2PRFIN20100827_041354_000000522092_00248_44390_9916.N1	27-AUG-2010 04:13:54	Dark	52.000	157	The1Eri	2.9060	9300.0	104	44390	No
50	GOM_NL__2PRFIN20100827_041635_000000462092_00248_44390_9917.N1	27-AUG-2010 04:16:35	Dark	45.500	9	Alp Eri	0.45300	24000.	91	44390	No
51	GOM_NL__2PRFIN20100827_042233_000000562092_00248_44390_9918.N1	27-AUG-2010 04:22:33	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	44390	No
52	GOM_NL__2PRFIN20100827_042423_000000552092_00248_44390_9919.N1	27-AUG-2010 04:24:23	Straylight	55.000	63	Bet Gru	2.1500	2800.0	110	44390	No
53	GOM_NL__2PRFIN20100827_042904_000000512092_00248_44390_9920.N1	27-AUG-2010 04:29:04	Straylight	51.000	18	24Alp PsA	1.1660	9700.0	102	44390	No
54	GOM_NL__2PRFIN20100827_043406_000000442092_00248_44390_9921.N1	27-AUG-2010 04:34:06	Bright	44.000	142	49Del Cap	2.8500	8900.0	88	44390	No
55	GOM_NL__2PRFIN20100827_043718_000000392092_00248_44390_9922.N1	27-AUG-2010 04:37:18	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	44390	No
56	GOM_NL__2PRFIN20100827_043855_000000432092_00248_44390_9923.N1	27-AUG-2010 04:38:55	Bright	42.500	162	34Alp Aqr	2.9440	5350.0	85	44390	No
57	GOM_NL__2PRFIN20100827_044158_000000412092_00248_44390_9924.N1	27-AUG-2010 04:41:58	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	44390	No
58	GOM_NL__2PRFIN20100827_044939_000000492092_00248_44390_9925.N1	27-AUG-2010 04:49:39	Bright	48.500	164	44Eta Peg	2.9480	5400.0	97	44390	No
59	GOM_NL__2PRFIN20100827_045700_000000382092_00248_44390_9926.N1	27-AUG-2010 04:57:00	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	44390	No
60	GOM_NL__2PRFIN20100827_050028_000000462092_00248_44390_9927.N1	27-AUG-2010 05:00:28	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	44390	No
61	GOM_NL__2PRFIN20100827_050239_000000482092_00248_44390_9928.N1	27-AUG-2010 05:02:39	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	44390	No
62	GOM_NL__2PRFIN20100827_051648_000000572092_00248_44390_9929.N1	27-AUG-2010 05:16:48	Bright	57.000	6	13Alp Aur	0.080000	3400.0	114	44390	No
63	GOM_NL__2PRFIN20100827_052012_000000642092_00248_44390_9930.N1	27-AUG-2010 05:20:12	Bright	64.000	107	37The Aur	2.6490	11000.	128	44390	No
64	GOM_NL__2PRFIN20100827_052501_000000622092_00248_44390_9931.N1	27-AUG-2010 05:25:01	Twilight	62.000	151	13Mu Gem	2.8900	3000.0	124	44390	No
65	GOM_NL__2PRFIN20100827_052642_000000482092_00248_44390_9932.N1	27-AUG-2010 05:26:42	Twilight	47.500	44	24Gam Gem	1.9280	11000.	95	44390	No
66	GOM_NL__2PRFIN20100827_053051_000000542092_00248_44390_9933.N1	27-AUG-2010 05:30:51	Dark	54.000	14	58Alp Ori	0.87000	3000.0	108	44390	No
67	GOM_NL__2PRFIN20100827_053610_000000522092_00248_44390_9934.N1	27-AUG-2010 05:36:10	Dark	52.000	1	9Alp CMa	-1.4400	11000.	104	44390	No
68	GOM_NL__2PRFIN20100827_053939_000000522092_00248_44390_9935.N1	27-AUG-2010 05:39:39	Dark	52.000	101	11Alp Lep	2.5820	7000.0	104	44390	No
69	GOM_NL__2PRFIN20100827_055431_000000542092_00249_44391_9928.N1	27-AUG-2010 05:54:31	Dark	54.000	157	The1Eri	2.9060	9300.0	108	44391	No
70	GOM_NL__2PRFIN20100827_055712_000000452092_00249_44391_9929.N1	27-AUG-2010 05:57:12	Dark	44.500	9	Alp Eri	0.45300	24000.	89	44391	No
71	GOM_NL__2PRFIN20100827_060309_000000572092_00249_44391_9930.N1	27-AUG-2010 06:03:09	Straylight	57.000	84	Alp Phe	2.3970	4500.0	114	44391	No
72	GOM_NL__2PRFIN20100827_060459_000000482092_00249_44391_9931.N1	27-AUG-2010 06:04:59	Straylight	48.000	63	Bet Gru	2.1500	2800.0	96	44391	No
73	GOM_NL__2PRFIN20100827_060941_000000502092_00249_44391_9932.N1	27-AUG-2010 06:09:41	Straylight	50.000	18	24Alp PsA	1.1660	9700.0	100	44391	No
74	GOM_NL__2PRFIN20100827_061442_000000462092_00249_44391_9933.N1	27-AUG-2010 06:14:42	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	44391	No
75	GOM_NL__2PRFIN20100827_061755_000000392092_00249_44391_9934.N1	27-AUG-2010 06:17:55	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	44391	No
76	GOM_NL__2PRFIN20100827_061931_000000432092_00249_44391_9935.N1	27-AUG-2010 06:19:31	Bright	42.500	162	34Alp Aqr	2.9440	5350.0	85	44391	No
77	GOM_NL__2PRFIN20100827_062233_000000402092_00249_44391_9936.N1	27-AUG-2010 06:22:33	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	44391	No
78	GOM_NL__2PRFIN20100827_063014_000000482092_00249_44391_9937.N1	27-AUG-2010 06:30:14	Bright	48.000	164	44Eta Peg	2.9480	5400.0	96	44391	No
79	GOM_NL__2PRFIN20100827_063736_000000382092_00249_44391_9938.N1	27-AUG-2010 06:37:36	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	44391	No
80	GOM_NL__2PRFIN20100827_064103_000000462092_00249_44391_9939.N1	27-AUG-2010 06:41:03	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	44391	No
81	GOM_NL__2PRFIN20100827_064315_000000462092_00249_44391_9940.N1	27-AUG-2010 06:43:15	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	44391	No
82	GOM_NL__2PRFIN20100827_065724_000000562092_00249_44391_9941.N1	27-AUG-2010 06:57:24	Bright	56.000	6	13Alp Aur	0.080000	3400.0	112	44391	No
83	GOM_NL__2PRFIN20100827_070048_000000452092_00249_44391_9942.N1	27-AUG-2010 07:00:48	Bright	44.500	107	37The Aur	2.6490	11000.	89	44391	No
84	GOM_NL__2PRFIN20100827_070537_000000512092_00249_44391_9943.N1	27-AUG-2010 07:05:37	Twilight	51.000	151	13Mu Gem	2.8900	3000.0	102	44391	No
85	GOM_NL__2PRFIN20100827_070719_000000452092_00249_44391_9944.N1	27-AUG-2010 07:07:19	Twilight	44.500	44	24Gam Gem	1.9280	11000.	89	44391	No
86	GOM_NL__2PRFIN20100827_071128_000000542092_00249_44391_9945.N1	27-AUG-2010 07:11:28	Dark	54.000	14	58Alp Ori	0.87000	3000.0	108	44391	No
87	GOM_NL__2PRFIN20100827_071646_000000482092_00249_44391_9946.N1	27-AUG-2010 07:16:46	Dark	48.000	1	9Alp CMa	-1.4400	11000.	96	44391	No
88	GOM_NL__2PRFIN20100827_072016_000000522092_00249_44391_9947.N1	27-AUG-2010 07:20:16	Dark	52.000	101	11Alp Lep	2.5820	7000.0	104	44391	No
89	GOM_NL__2PRFIN20100827_073509_000000512092_00250_44392_9938.N1	27-AUG-2010 07:35:09	Dark	50.500	157	The1Eri	2.9060	9300.0	101	44392	No
90	GOM_NL__2PRFIN20100827_073749_000000442092_00250_44392_9939.N1	27-AUG-2010 07:37:49	Dark	43.500	9	Alp Eri	0.45300	24000.	87	44392	No
91	GOM_NL__2PRFIN20100827_074346_000000592092_00250_44392_9940.N1	27-AUG-2010 07:43:46	Straylight	58.500	84	Alp Phe	2.3970	4500.0	117	44392	No
92	GOM_NL__2PRFIN20100827_074536_000000502092_00250_44392_9941.N1	27-AUG-2010 07:45:36	Straylight	50.000	63	Bet Gru	2.1500	2800.0	100	44392	No
93	GOM_NL__2PRFIN20100827_075017_000000522092_00250_44392_9942.N1	27-AUG-2010 07:50:17	Straylight	51.500	18	24Alp PsA	1.1660	9700.0	103	44392	No
94	GOM_NL__2PRFIN20100827_075518_000000422092_00250_44392_9943.N1	27-AUG-2010 07:55:18	Bright	42.000	142	49Del Cap	2.8500	8900.0	84	44392	No
95	GOM_NL__2PRFIN20100827_075830_000000392092_00250_44392_9944.N1	27-AUG-2010 07:58:30	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	44392	No
96	GOM_NL__2PRFIN20100827_080007_000000442092_00250_44392_9945.N1	27-AUG-2010 08:00:07	Bright	44.000	162	34Alp Aqr	2.9440	5350.0	88	44392	No
97	GOM_NL__2PRFIN20100827_080309_000000402092_00250_44392_9946.N1	27-AUG-2010 08:03:09	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	44392	No
98	GOM_NL__2PRFIN20100827_081049_000000452092_00250_44392_9947.N1	27-AUG-2010 08:10:49	Bright	45.000	164	44Eta Peg	2.9480	5400.0	90	44392	No
99	GOM_NL__2PRFIN20100827_081812_000000382092_00250_44392_9948.N1	27-AUG-2010 08:18:12	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	44392	No
100	GOM_NL__2PRFIN20100827_082138_000000432092_00250_44392_9949.N1	27-AUG-2010 08:21:38	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	44392	No
101	GOM_NL__2PRFIN20100827_082350_000000472092_00250_44392_9950.N1	27-AUG-2010 08:23:50	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	44392	No

102	GOM_NL__2PRFIN20100827_083800_000000552092_00250_44392_9951.N1	27-AUG-2010 08:38:00	Bright	54.500	6	13Alp Aur	0.080000	3400.0	109	44392	No
103	GOM_NL__2PRFIN20100827_084124_000000442092_00250_44392_9952.N1	27-AUG-2010 08:41:24	Bright	44.000	107	37The Aur	2.6490	11000.	88	44392	No
104	GOM_NL__2PRFIN20100827_084614_000000542092_00250_44392_9953.N1	27-AUG-2010 08:46:14	Twilight	54.000	151	13Mu Gem	2.8900	3000.0	108	44392	No
105	GOM_NL__2PRFIN20100827_084755_000000482092_00250_44392_9954.N1	27-AUG-2010 08:47:55	Twilight	48.000	44	24Gam Gem	1.9280	11000.	96	44392	No
106	GOM_NL__2PRFIN20100827_085204_000000702092_00250_44392_9955.N1	27-AUG-2010 08:52:04	Dark	69.500	14	58Alp Ori	0.87000	3000.0	139	44392	No
107	GOM_NL__2PRFIN20100827_085723_000000462092_00250_44392_9956.N1	27-AUG-2010 08:57:23	Dark	45.500	1	9Alp CMa	-1.4400	11000.	91	44392	No
108	GOM_NL__2PRFIN20100827_090053_000000532092_00250_44392_9957.N1	27-AUG-2010 09:00:53	Dark	52.500	101	11Alp Lep	2.5820	7000.0	105	44392	No
109	GOM_NL__2PRFIN20100827_091546_000000552092_00251_44393_9947.N1	27-AUG-2010 09:15:46	Dark	54.500	157	The1Eri	2.9060	9300.0	109	44393	No
110	GOM_NL__2PRFIN20100827_091825_000000552092_00251_44393_9948.N1	27-AUG-2010 09:18:25	Dark	55.000	9	Alp Eri	0.45300	24000.	110	44393	No
111	GOM_NL__2PRFIN20100827_092423_000000482092_00251_44393_9949.N1	27-AUG-2010 09:24:23	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	44393	No
112	GOM_NL__2PRFIN20100827_092612_000000452092_00251_44393_9950.N1	27-AUG-2010 09:26:12	Straylight	44.500	63	Bet Gru	2.1500	2800.0	89	44393	No
113	GOM_NL__2PRFIN20100827_093053_000000472092_00251_44393_9951.N1	27-AUG-2010 09:30:53	Straylight	47.000	18	24Alp PsA	1.1660	9700.0	94	44393	No
114	GOM_NL__2PRFIN20100827_093554_000000472092_00251_44393_9952.N1	27-AUG-2010 09:35:54	Bright	47.000	142	49Del Cap	2.8500	8900.0	94	44393	No
115	GOM_NL__2PRFIN20100827_093906_000000402092_00251_44393_9953.N1	27-AUG-2010 09:39:06	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	44393	No
116	GOM_NL__2PRFIN20100827_094043_000000422092_00251_44393_9954.N1	27-AUG-2010 09:40:43	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	44393	No
117	GOM_NL__2PRFIN20100827_094345_000000412092_00251_44393_9955.N1	27-AUG-2010 09:43:45	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	44393	No
118	GOM_NL__2PRFIN20100827_095124_000000482092_00251_44393_9956.N1	27-AUG-2010 09:51:24	Bright	47.500	164	44Eta Peg	2.9480	5400.0	95	44393	No
119	GOM_NL__2PRFIN20100827_095848_000000382092_00251_44393_9957.N1	27-AUG-2010 09:58:48	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	44393	No
120	GOM_NL__2PRFIN20100827_100213_000000472092_00251_44393_9958.N1	27-AUG-2010 10:02:13	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	44393	No
121	GOM_NL__2PRFIN20100827_100425_000000482092_00251_44393_9959.N1	27-AUG-2010 10:04:25	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	44393	No
122	GOM_NL__2PRFIN20100827_101836_000000562092_00251_44393_9960.N1	27-AUG-2010 10:18:36	Bright	55.500	6	13Alp Aur	0.080000	3400.0	111	44393	No
123	GOM_NL__2PRFIN20100827_102200_000000442092_00251_44393_9961.N1	27-AUG-2010 10:22:00	Bright	44.000	107	37The Aur	2.6490	11000.	88	44393	No
124	GOM_NL__2PRFIN20100827_102650_000000542092_00251_44393_9962.N1	27-AUG-2010 10:26:50	Twilight	53.500	151	13Mu Gem	2.8900	3000.0	107	44393	No
125	GOM_NL__2PRFIN20100827_102831_000000472092_00251_44393_9963.N1	27-AUG-2010 10:28:31	Twilight	46.500	44	24Gam Gem	1.9280	11000.	93	44393	No
126	GOM_NL__2PRFIN20100827_103241_000000672092_00251_44393_9964.N1	27-AUG-2010 10:32:41	Dark	67.000	14	58Alp Ori	0.87000	3000.0	134	44393	No
127	GOM_NL__2PRFIN20100827_103759_000000552092_00251_44393_9965.N1	27-AUG-2010 10:37:59	Dark	54.500	1	9Alp CMa	-1.4400	11000.	109	44393	No
128	GOM_NL__2PRFIN20100827_104130_000000522092_00251_44393_9966.N1	27-AUG-2010 10:41:30	Dark	52.000	101	11Alp Lep	2.5820	7000.0	104	44393	No
129	GOM_NL__2PRFIN20100827_105623_000000532092_00252_44394_9955.N1	27-AUG-2010 10:56:23	Dark	53.000	157	The1Eri	2.9060	9300.0	106	44394	No
130	GOM_NL__2PRFIN20100827_105901_000000462092_00252_44394_9956.N1	27-AUG-2010 10:59:01	Dark	45.500	9	Alp Eri	0.45300	24000.	91	44394	No
131	GOM_NL__2PRFIN20100827_110459_000000512092_00252_44394_9957.N1	27-AUG-2010 11:04:59	Straylight	51.000	84	Alp Phe	2.3970	4500.0	102	44394	No
132	GOM_NL__2PRFIN20100827_110648_000000452092_00252_44394_9958.N1	27-AUG-2010 11:06:48	Straylight	44.500	63	Bet Gru	2.1500	2800.0	89	44394	No
133	GOM_NL__2PRFIN20100827_111129_000000482092_00252_44394_9959.N1	27-AUG-2010 11:11:29	Straylight	48.000	18	24Alp PsA	1.1660	9700.0	96	44394	No
134	GOM_NL__2PRFIN20100827_111630_000000442092_00252_44394_9960.N1	27-AUG-2010 11:16:30	Bright	43.500	142	49Del Cap	2.8500	8900.0	87	44394	No
135	GOM_NL__2PRFIN20100827_111942_000000392092_00252_44394_9961.N1	27-AUG-2010 11:19:42	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	44394	No
136	GOM_NL__2PRFIN20100827_112119_000000432092_00252_44394_9962.N1	27-AUG-2010 11:21:19	Bright	42.500	162	34Alp Aqr	2.9440	5350.0	85	44394	No
137	GOM_NL__2PRFIN20100827_112421_000000392092_00252_44394_9963.N1	27-AUG-2010 11:24:21	Bright	38.500	61	8Eps Peg	2.1000	3900.0	77	44394	No
138	GOM_NL__2PRFIN20100827_113200_000000482092_00252_44394_9964.N1	27-AUG-2010 11:32:00	Bright	47.500	164	44Eta Peg	2.9480	5400.0	95	44394	No
139	GOM_NL__2PRFIN20100827_113924_000000392092_00252_44394_9965.N1	27-AUG-2010 11:39:24	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	44394	No
140	GOM_NL__2PRFIN20100827_114248_000000472092_00252_44394_9966.N1	27-AUG-2010 11:42:48	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	44394	No
141	GOM_NL__2PRFIN20100827_114500_000000492092_00252_44394_9967.N1	27-AUG-2010 11:45:00	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	44394	No
142	GOM_NL__2PRFIN20100827_115911_000000602092_00252_44394_9968.N1	27-AUG-2010 11:59:11	Bright	60.000	6	13Alp Aur	0.080000	3400.0	120	44394	No
143	GOM_NL__2PRFIN20100827_120236_000000462092_00252_44394_9969.N1	27-AUG-2010 12:02:36	Bright	46.000	107	37The Aur	2.6490	11000.	92	44394	No
144	GOM_NL__2PRFIN20100827_120726_000000532092_00252_44394_9970.N1	27-AUG-2010 12:07:26	Twilight	52.500	151	13Mu Gem	2.8900	3000.0	105	44394	No
145	GOM_NL__2PRFIN20100827_120907_000000492092_00252_44394_9971.N1	27-AUG-2010 12:09:07	Twilight	48.500	44	24Gam Gem	1.9280	11000.	97	44394	No
146	GOM_NL__2PRFIN20100827_121317_000000702092_00252_44394_9972.N1	27-AUG-2010 12:13:17	Dark	70.000	14	58Alp Ori	0.87000	3000.0	140	44394	No
147	GOM_NL__2PRFIN20100827_121836_000000482092_00252_44394_9973.N1	27-AUG-2010 12:18:36	Dark	47.500	1	9Alp CMa	-1.4400	11000.	95	44394	No
148	GOM_NL__2PRFIN20100827_122207_000000542092_00252_44394_9974.N1	27-AUG-2010 12:22:07	Dark	53.500	101	11Alp Lep	2.5820	7000.0	107	44394	No
149	GOM_NL__2PRFIN20100827_123700_000000542092_00253_44395_9963.N1	27-AUG-2010 12:37:00	Dark	54.000	157	The1Eri	2.9060	9300.0	108	44395	No
150	GOM_NL__2PRFIN20100827_123938_000000452092_00253_44395_9964.N1	27-AUG-2010 12:39:38	Dark	45.000	9	Alp Eri	0.45300	24000.	90	44395	No
151	GOM_NL__2PRFIN20100827_124535_000000492092_00253_44395_9965.N1	27-AUG-2010 12:45:35	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	44395	No
152	GOM_NL__2PRFIN20100827_124724_000000442092_00253_44395_9966.N1	27-AUG-2010 12:47:24	Straylight	44.000	63	Bet Gru	2.1500	2800.0	88	44395	No
153	GOM_NL__2PRFIN20100827_125205_000000522092_00253_44395_9967.N1	27-AUG-2010 12:52:05	Straylight	51.500	18	24Alp PsA	1.1660	9700.0	103	44395	No
154	GOM_NL__2PRFIN20100827_125706_000000492092_00253_44395_9968.N1	27-AUG-2010 12:57:06	Bright	49.000	142	49Del Cap	2.8500	8900.0	98	44395	No
155	GOM_NL__2PRFIN20100827_130018_000000392092_00253_44395_9969.N1	27-AUG-2010 13:00:18	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	44395	No
156	GOM_NL__2PRFIN20100827_130154_000000412092_00253_44395_9970.N1	27-AUG-2010 13:01:54	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	44395	No
157	GOM_NL__2PRFIN20100827_130456_000000392092_00253_44395_9971.N1	27-AUG-2010 13:04:56	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	44395	No
158	GOM_NL__2PRFIN20100827_131235_000000492092_00253_44395_9972.N1	27-AUG-2010 13:12:35	Bright	48.500	164	44Eta Peg	2.9480	5400.0	97	44395	No
159	GOM_NL__2PRFIN20100827_131959_000000392092_00253_44395_9973.N1	27-AUG-2010 13:19:59	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	44395	No
160	GOM_NL__2PRFIN20100827_132324_000000452092_00253_44395_9974.N1	27-AUG-2010 13:23:24	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	44395	No

161	GOM_NL__2PRFIN20100827_132535_000000452092_00253_44395_9975.N1	27-AUG-2010 13:25:35	Bright	44.500	76	27Gam Cas	2.3000	30000.	89	44395	No
162	GOM_NL__2PRFIN20100827_133947_000000572092_00253_44395_9976.N1	27-AUG-2010 13:39:47	Bright	56.500	6	13Alp Aur	0.080000	3400.0	113	44395	No
163	GOM_NL__2PRFIN20100827_134312_000000442092_00253_44395_9977.N1	27-AUG-2010 13:43:12	Bright	44.000	107	37The Aur	2.6490	11000.	88	44395	No
164	GOM_NL__2PRFIN20100827_134802_000000612092_00253_44395_9978.N1	27-AUG-2010 13:48:02	Tw_i_and_stray	60.500	151	13Mu Gem	2.8900	3000.0	121	44395	No
165	GOM_NL__2PRFIN20100827_134944_000000492092_00253_44395_9979.N1	27-AUG-2010 13:49:44	Tw_i_and_stray	48.500	44	24Gam Gem	1.9280	11000.	97	44395	No
166	GOM_NL__2PRFIN20100827_135354_000000622092_00253_44395_9980.N1	27-AUG-2010 13:53:54	Dark	62.000	14	58Alp Ori	0.87000	3000.0	124	44395	No
167	GOM_NL__2PRFIN20100827_135912_000000492092_00253_44395_9981.N1	27-AUG-2010 13:59:12	Dark	48.500	1	9Alp CMa	-1.4400	11000.	97	44395	No
168	GOM_NL__2PRFIN20100827_140244_000000542092_00253_44395_9982.N1	27-AUG-2010 14:02:44	Dark	53.500	101	11Alp Lep	2.5820	7000.0	107	44395	No
169	GOM_NL__2PRFIN20100827_141737_000000552092_00254_44396_0161.N1	27-AUG-2010 14:17:37	Dark	55.000	157	The1Eri	2.9060	9300.0	110	44396	No
170	GOM_NL__2PRFIN20100827_142015_000000452092_00254_44396_0162.N1	27-AUG-2010 14:20:15	Dark	44.500	9	Alp Eri	0.45300	24000.	89	44396	No
171	GOM_NL__2PRFIN20100827_142612_000000492092_00254_44396_0163.N1	27-AUG-2010 14:26:12	Straylight	48.500	84	Alp Phe	2.3970	4500.0	97	44396	No
172	GOM_NL__2PRFIN20100827_142800_000000522092_00254_44396_0164.N1	27-AUG-2010 14:28:00	Straylight	52.000	63	Bet Gru	2.1500	2800.0	104	44396	No
173	GOM_NL__2PRFIN20100827_143242_000000482092_00254_44396_0165.N1	27-AUG-2010 14:32:42	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	44396	No
174	GOM_NL__2PRFIN20100827_143742_000000472092_00254_44396_0166.N1	27-AUG-2010 14:37:42	Bright	46.500	142	49Del Cap	2.8500	8900.0	93	44396	No
175	GOM_NL__2PRFIN20100827_144054_000000392092_00254_44396_0167.N1	27-AUG-2010 14:40:54	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	44396	No
176	GOM_NL__2PRFIN20100827_144230_000000422092_00254_44396_0168.N1	27-AUG-2010 14:42:30	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	44396	No
177	GOM_NL__2PRFIN20100827_144532_000000422092_00254_44396_0169.N1	27-AUG-2010 14:45:32	Bright	41.500	61	8Eps Peg	2.1000	3900.0	83	44396	No
178	GOM_NL__2PRFIN20100827_145310_000000492092_00254_44396_0170.N1	27-AUG-2010 14:53:10	Bright	48.500	164	44Eta Peg	2.9480	5400.0	97	44396	No
179	GOM_NL__2PRFIN20100827_150035_000000402092_00254_44396_0171.N1	27-AUG-2010 15:00:35	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	44396	No
180	GOM_NL__2PRFIN20100827_150359_000000472092_00254_44396_0172.N1	27-AUG-2010 15:03:59	Bright	47.000	74	11Bet Cas	2.2680	6600.0	94	44396	No
181	GOM_NL__2PRFIN20100827_150611_000000482092_00254_44396_0173.N1	27-AUG-2010 15:06:11	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	44396	No
182	GOM_NL__2PRFIN20100827_152023_000000562092_00254_44396_0174.N1	27-AUG-2010 15:20:23	Bright	55.500	6	13Alp Aur	0.080000	3400.0	111	44396	No
183	GOM_NL__2PRFIN20100827_152348_000000442092_00254_44396_0175.N1	27-AUG-2010 15:23:48	Bright	43.500	107	37The Aur	2.6490	11000.	87	44396	No
184	GOM_NL__2PRFIN20100827_152838_000000572092_00254_44396_0176.N1	27-AUG-2010 15:28:38	Tw_i_and_stray	56.500	151	13Mu Gem	2.8900	3000.0	113	44396	No
185	GOM_NL__2PRFIN20100827_153020_000000472092_00254_44396_0177.N1	27-AUG-2010 15:30:20	Tw_i_and_stray	46.500	44	24Gam Gem	1.9280	11000.	93	44396	No
186	GOM_NL__2PRFIN20100827_153431_000000662092_00254_44396_0178.N1	27-AUG-2010 15:34:31	Dark	65.500	14	58Alp Ori	0.87000	3000.0	131	44396	No
187	GOM_NL__2PRFIN20100827_153819_000000582092_00254_44396_0179.N1	27-AUG-2010 15:38:19	Dark	58.000	30	46Eps Ori	1.6940	30000.	116	44396	No
188	GOM_NL__2PRFIN20100827_153948_000000492092_00254_44396_0180.N1	27-AUG-2010 15:39:48	Dark	48.500	1	9Alp CMa	-1.4400	11000.	97	44396	No
189	GOM_NL__2PRFIN20100827_154321_000000472092_00254_44396_0181.N1	27-AUG-2010 15:43:21	Dark	46.500	101	11Alp Lep	2.5820	7000.0	93	44396	No
190	GOM_NL__2PRFIN20100827_155814_000000532092_00255_44397_0171.N1	27-AUG-2010 15:58:14	Dark	52.500	157	The1Eri	2.9060	9300.0	105	44397	No
191	GOM_NL__2PRFIN20100827_160051_000000442092_00255_44397_0172.N1	27-AUG-2010 16:00:51	Dark	43.500	9	Alp Eri	0.45300	24000.	87	44397	No
192	GOM_NL__2PRFIN20100827_160649_000000562092_00255_44397_0173.N1	27-AUG-2010 16:06:49	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	44397	No
193	GOM_NL__2PRFIN20100827_160837_000000432092_00255_44397_0174.N1	27-AUG-2010 16:08:37	Straylight	42.500	63	Bet Gru	2.1500	2800.0	85	44397	No
194	GOM_NL__2PRFIN20100827_161318_000000512092_00255_44397_0175.N1	27-AUG-2010 16:13:18	Straylight	51.000	18	24Alp PsA	1.1660	9700.0	102	44397	No
195	GOM_NL__2PRFIN20100827_161818_000000482092_00255_44397_0176.N1	27-AUG-2010 16:18:18	Bright	48.000	142	49Del Cap	2.8500	8900.0	96	44397	No
196	GOM_NL__2PRFIN20100827_162130_000000392092_00255_44397_0177.N1	27-AUG-2010 16:21:30	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	44397	No
197	GOM_NL__2PRFIN20100827_162306_000000422092_00255_44397_0178.N1	27-AUG-2010 16:23:06	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	44397	No
198	GOM_NL__2PRFIN20100827_162608_000000402092_00255_44397_0179.N1	27-AUG-2010 16:26:08	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	44397	No
199	GOM_NL__2PRFIN20100827_163345_000000472092_00255_44397_0180.N1	27-AUG-2010 16:33:45	Bright	46.500	164	44Eta Peg	2.9480	5400.0	93	44397	No
200	GOM_NL__2PRFIN20100827_164111_000000362092_00255_44397_0181.N1	27-AUG-2010 16:41:11	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	44397	No
201	GOM_NL__2PRFIN20100827_164434_000000472092_00255_44397_0182.N1	27-AUG-2010 16:44:34	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	44397	No
202	GOM_NL__2PRFIN20100827_164646_000000452092_00255_44397_0183.N1	27-AUG-2010 16:46:46	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	44397	No
203	GOM_NL__2PRFIN20100827_170059_000000702092_00255_44397_0184.N1	27-AUG-2010 17:00:59	Bright	70.000	6	13Alp Aur	0.080000	3400.0	140	44397	No
204	GOM_NL__2PRFIN20100827_170424_000000422092_00255_44397_0185.N1	27-AUG-2010 17:04:24	Bright	42.000	107	37The Aur	2.6490	11000.	84	44397	No
205	GOM_NL__2PRFIN20100827_170914_000000532092_00255_44397_0186.N1	27-AUG-2010 17:09:14	Tw_i_and_stray	53.000	151	13Mu Gem	2.8900	3000.0	106	44397	No
206	GOM_NL__2PRFIN20100827_171056_000000462092_00255_44397_0187.N1	27-AUG-2010 17:10:56	Tw_i_and_stray	46.000	44	24Gam Gem	1.9280	11000.	92	44397	No
207	GOM_NL__2PRFIN20100827_171507_000000622092_00255_44397_0188.N1	27-AUG-2010 17:15:07	Dark	61.500	14	58Alp Ori	0.87000	3000.0	123	44397	No
208	GOM_NL__2PRFIN20100827_171856_000000552092_00255_44397_0189.N1	27-AUG-2010 17:18:56	Dark	55.000	30	46Eps Ori	1.6940	30000.	110	44397	No
209	GOM_NL__2PRFIN20100827_172025_000000542092_00255_44397_0190.N1	27-AUG-2010 17:20:25	Dark	53.500	1	9Alp CMa	-1.4400	11000.	107	44397	No
210	GOM_NL__2PRFIN20100827_172358_000000522092_00255_44397_0191.N1	27-AUG-2010 17:23:58	Dark	52.000	101	11Alp Lep	2.5820	7000.0	104	44397	No
211	GOM_NL__2PRFIN20100827_173851_000000552092_00256_44398_0181.N1	27-AUG-2010 17:38:51	Dark	54.500	157	The1Eri	2.9060	9300.0	109	44398	No
212	GOM_NL__2PRFIN20100827_174128_000000462092_00256_44398_0182.N1	27-AUG-2010 17:41:28	Dark	45.500	9	Alp Eri	0.45300	24000.	91	44398	No
213	GOM_NL__2PRFIN20100827_174726_000000572092_00256_44398_0183.N1	27-AUG-2010 17:47:26	Straylight	57.000	84	Alp Phe	2.3970	4500.0	114	44398	No
214	GOM_NL__2PRFIN20100827_174913_000000472092_00256_44398_0184.N1	27-AUG-2010 17:49:13	Straylight	47.000	63	Bet Gru	2.1500	2800.0	94	44398	No
215	GOM_NL__2PRFIN20100827_175355_000000502092_00256_44398_0185.N1	27-AUG-2010 17:53:55	Straylight	50.000	18	24Alp PsA	1.1660	9700.0	100	44398	No
216	GOM_NL__2PRFIN20100827_175854_000000472092_00256_44398_0186.N1	27-AUG-2010 17:58:54	Bright	46.500	142	49Del Cap	2.8500	8900.0	93	44398	No
217	GOM_NL__2PRFIN20100827_180206_000000402092_00256_44398_0187.N1	27-AUG-2010 18:02:06	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	44398	No
218	GOM_NL__2PRFIN20100827_180342_000000422092_00256_44398_0188.N1	27-AUG-2010 18:03:42	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	44398	No
219	GOM_NL__2PRFIN20100827_180644_000000452092_00256_44398_0189.N1	27-AUG-2010 18:06:44	Bright	45.000	61	8Eps Peg	2.1000	3900.0	90	44398	No

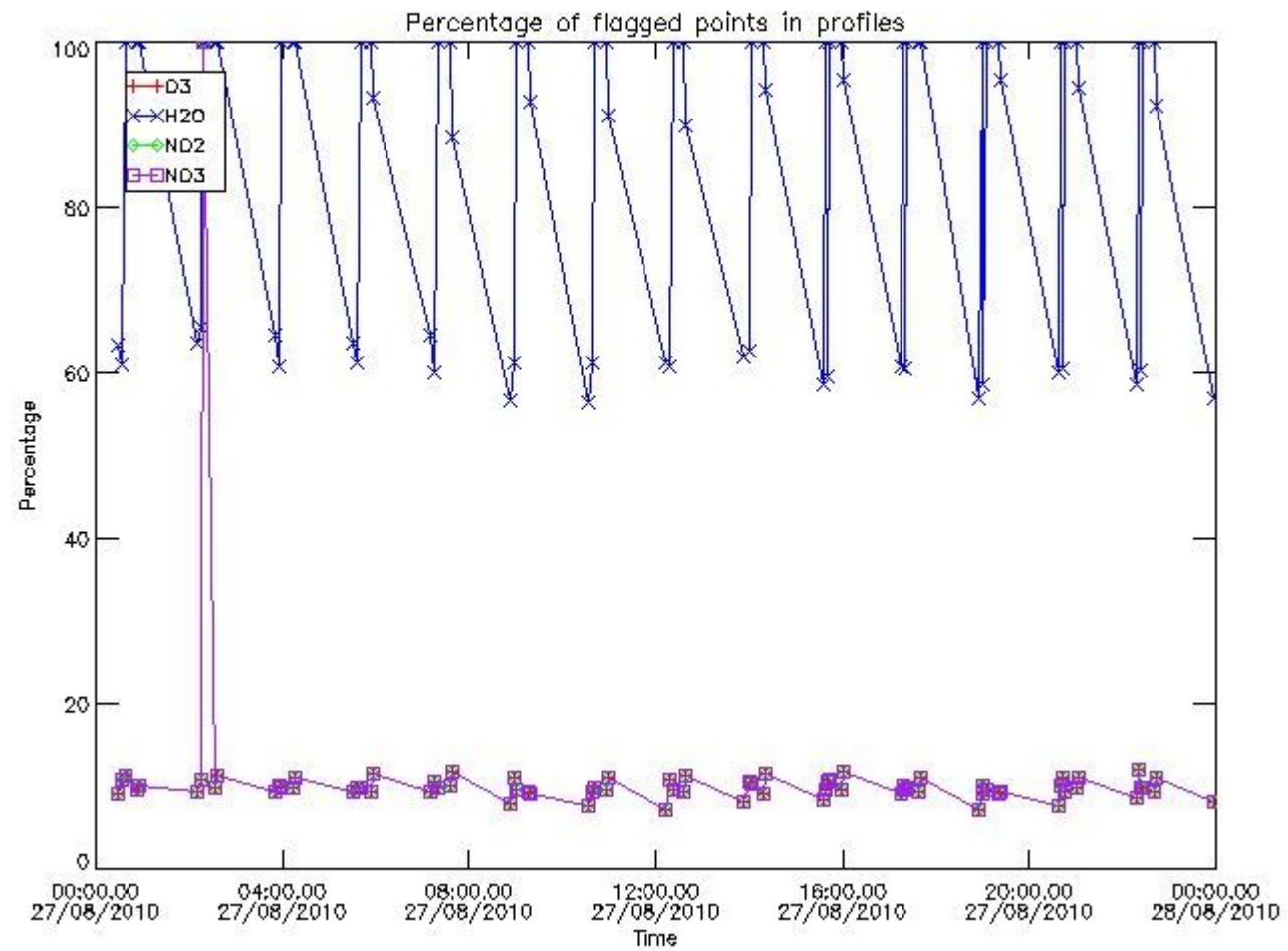
220	GOM_NL__2PRFIN20100827_181421_000000482092_00256_44398_0190.N1	27-AUG-2010 18:14:21	Bright	48.000	164	44Eta Peg	2.9480	5400.0	96	44398	No
221	GOM_NL__2PRFIN20100827_182147_000000382092_00256_44398_0191.N1	27-AUG-2010 18:21:47	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	44398	No
222	GOM_NL__2PRFIN20100827_182510_000000462092_00256_44398_0192.N1	27-AUG-2010 18:25:10	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	44398	No
223	GOM_NL__2PRFIN20100827_182721_000000482092_00256_44398_0193.N1	27-AUG-2010 18:27:21	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	44398	No
224	GOM_NL__2PRFIN20100827_184134_000000532092_00256_44398_0194.N1	27-AUG-2010 18:41:34	Bright	53.000	6	13Alp Aur	0.080000	3400.0	106	44398	No
225	GOM_NL__2PRFIN20100827_184500_000000552092_00256_44398_0195.N1	27-AUG-2010 18:45:00	Bright	54.500	107	37The Aur	2.6490	11000.	109	44398	No
226	GOM_NL__2PRFIN20100827_184951_000000582092_00256_44398_0196.N1	27-AUG-2010 18:49:51	Tw_i_and_stray	57.500	151	13Mu Gem	2.8900	3000.0	115	44398	No
227	GOM_NL__2PRFIN20100827_185132_000000492092_00256_44398_0197.N1	27-AUG-2010 18:51:32	Tw_i_and_stray	49.000	44	24Gam Gem	1.9280	11000.	98	44398	No
228	GOM_NL__2PRFIN20100827_185544_000000712092_00256_44398_0198.N1	27-AUG-2010 18:55:44	Dark	71.000	14	58Alp Ori	0.87000	3000.0	142	44398	No
229	GOM_NL__2PRFIN20100827_185933_000000502092_00256_44398_0199.N1	27-AUG-2010 18:59:33	Dark	50.000	30	46Eps Ori	1.6940	30000.	100	44398	No
230	GOM_NL__2PRFIN20100827_190101_000000562092_00256_44398_0200.N1	27-AUG-2010 19:01:01	Dark	56.000	1	9Alp CMa	-1.4400	11000.	112	44398	No
231	GOM_NL__2PRFIN20100827_190435_000000532092_00256_44398_0201.N1	27-AUG-2010 19:04:35	Dark	52.500	101	11Alp Lep	2.5820	7000.0	105	44398	No
232	GOM_NL__2PRFIN20100827_191929_000000552092_00257_44399_0206.N1	27-AUG-2010 19:19:29	Dark	55.000	157	The1Eri	2.9060	9300.0	110	44399	No
233	GOM_NL__2PRFIN20100827_192204_000000542092_00257_44399_0207.N1	27-AUG-2010 19:22:04	Dark	54.000	9	Alp Eri	0.45300	24000.	108	44399	No
234	GOM_NL__2PRFIN20100827_192802_000000552092_00257_44399_0208.N1	27-AUG-2010 19:28:02	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	44399	No
235	GOM_NL__2PRFIN20100827_192949_000000542092_00257_44399_0209.N1	27-AUG-2010 19:29:49	Straylight	54.000	63	Bet Gru	2.1500	2800.0	108	44399	No
236	GOM_NL__2PRFIN20100827_193431_000000542092_00257_44399_0210.N1	27-AUG-2010 19:34:31	Straylight	53.500	18	24Alp PsA	1.1660	9700.0	107	44399	No
237	GOM_NL__2PRFIN20100827_193931_000000452092_00257_44399_0211.N1	27-AUG-2010 19:39:31	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	44399	No
238	GOM_NL__2PRFIN20100827_194242_000000402092_00257_44399_0212.N1	27-AUG-2010 19:42:42	Bright	40.000	154	22Bet Aqr	2.8990	5700.0	80	44399	No
239	GOM_NL__2PRFIN20100827_194418_000000442092_00257_44399_0213.N1	27-AUG-2010 19:44:18	Bright	44.000	162	34Alp Aqr	2.9440	5350.0	88	44399	No
240	GOM_NL__2PRFIN20100827_194720_000000422092_00257_44399_0214.N1	27-AUG-2010 19:47:20	Bright	41.500	61	8Eps Peg	2.1000	3900.0	83	44399	No
241	GOM_NL__2PRFIN20100827_195456_000000452092_00257_44399_0215.N1	27-AUG-2010 19:54:56	Bright	45.000	164	44Eta Peg	2.9480	5400.0	90	44399	No
242	GOM_NL__2PRFIN20100827_200223_000000372092_00257_44399_0216.N1	27-AUG-2010 20:02:23	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	44399	No
243	GOM_NL__2PRFIN20100827_200545_000000462092_00257_44399_0217.N1	27-AUG-2010 20:05:45	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	44399	No
244	GOM_NL__2PRFIN20100827_200757_000000482092_00257_44399_0218.N1	27-AUG-2010 20:07:57	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	44399	No
245	GOM_NL__2PRFIN20100827_202210_000000552092_00257_44399_0219.N1	27-AUG-2010 20:22:10	Bright	55.000	6	13Alp Aur	0.080000	3400.0	110	44399	No
246	GOM_NL__2PRFIN20100827_202536_000000652092_00257_44399_0220.N1	27-AUG-2010 20:25:36	Bright	65.000	107	37The Aur	2.6490	11000.	130	44399	No
247	GOM_NL__2PRFIN20100827_203027_000000542092_00257_44399_0221.N1	27-AUG-2010 20:30:27	Tw_i_and_stray	53.500	151	13Mu Gem	2.8900	3000.0	107	44399	No
248	GOM_NL__2PRFIN20100827_203209_000000502092_00257_44399_0222.N1	27-AUG-2010 20:32:09	Tw_i_and_stray	49.500	44	24Gam Gem	1.9280	11000.	99	44399	No
249	GOM_NL__2PRFIN20100827_203620_000000662092_00257_44399_0223.N1	27-AUG-2010 20:36:20	Dark	65.500	14	58Alp Ori	0.87000	3000.0	131	44399	No
250	GOM_NL__2PRFIN20100827_204009_000000502092_00257_44399_0224.N1	27-AUG-2010 20:40:09	Dark	50.000	30	46Eps Ori	1.6940	30000.	100	44399	No
251	GOM_NL__2PRFIN20100827_204138_000000462092_00257_44399_0225.N1	27-AUG-2010 20:41:38	Dark	46.000	1	9Alp CMa	-1.4400	11000.	92	44399	No
252	GOM_NL__2PRFIN20100827_204512_000000552092_00257_44399_0226.N1	27-AUG-2010 20:45:12	Dark	54.500	101	11Alp Lep	2.5820	7000.0	109	44399	No
253	GOM_NL__2PRFIN20100827_210005_000000522092_00258_44400_0231.N1	27-AUG-2010 21:00:05	Dark	51.500	157	The1Eri	2.9060	9300.0	103	44400	No
254	GOM_NL__2PRFIN20100827_210241_000000462092_00258_44400_0232.N1	27-AUG-2010 21:02:41	Dark	46.000	9	Alp Eri	0.45300	24000.	92	44400	No
255	GOM_NL__2PRFIN20100827_210839_000000592092_00258_44400_0233.N1	27-AUG-2010 21:08:39	Straylight	59.000	84	Alp Phe	2.3970	4500.0	118	44400	No
256	GOM_NL__2PRFIN20100827_211026_000000522092_00258_44400_0234.N1	27-AUG-2010 21:10:26	Straylight	51.500	63	Bet Gru	2.1500	2800.0	103	44400	No
257	GOM_NL__2PRFIN20100827_211507_000000502092_00258_44400_0235.N1	27-AUG-2010 21:15:07	Straylight	50.000	18	24Alp PsA	1.1660	9700.0	100	44400	No
258	GOM_NL__2PRFIN20100827_212006_000000452092_00258_44400_0236.N1	27-AUG-2010 21:20:06	Bright	45.000	142	49Del Cap	2.8500	8900.0	90	44400	No
259	GOM_NL__2PRFIN20100827_212318_000000402092_00258_44400_0237.N1	27-AUG-2010 21:23:18	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	44400	No
260	GOM_NL__2PRFIN20100827_212454_000000422092_00258_44400_0238.N1	27-AUG-2010 21:24:54	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	44400	No
261	GOM_NL__2PRFIN20100827_212756_000000412092_00258_44400_0239.N1	27-AUG-2010 21:27:56	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	44400	No
262	GOM_NL__2PRFIN20100827_213532_000000482092_00258_44400_0240.N1	27-AUG-2010 21:35:32	Bright	48.000	164	44Eta Peg	2.9480	5400.0	96	44400	No
263	GOM_NL__2PRFIN20100827_214258_000000382092_00258_44400_0241.N1	27-AUG-2010 21:42:58	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	44400	No
264	GOM_NL__2PRFIN20100827_214620_000000482092_00258_44400_0242.N1	27-AUG-2010 21:46:20	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	44400	No
265	GOM_NL__2PRFIN20100827_214831_000000472092_00258_44400_0243.N1	27-AUG-2010 21:48:31	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	44400	No
266	GOM_NL__2PRFIN20100827_220246_000000612092_00258_44400_0244.N1	27-AUG-2010 22:02:46	Bright	60.500	6	13Alp Aur	0.080000	3400.0	121	44400	No
267	GOM_NL__2PRFIN20100827_220612_000000452092_00258_44400_0245.N1	27-AUG-2010 22:06:12	Bright	45.000	107	37The Aur	2.6490	11000.	90	44400	No
268	GOM_NL__2PRFIN20100827_221103_000000562092_00258_44400_0246.N1	27-AUG-2010 22:11:03	Tw_i_and_stray	55.500	151	13Mu Gem	2.8900	3000.0	111	44400	No
269	GOM_NL__2PRFIN20100827_221245_000000452092_00258_44400_0247.N1	27-AUG-2010 22:12:45	Tw_i_and_stray	45.000	44	24Gam Gem	1.9280	11000.	90	44400	No
270	GOM_NL__2PRFIN20100827_221657_000000602092_00258_44400_0248.N1	27-AUG-2010 22:16:57	Dark	59.500	14	58Alp Ori	0.87000	3000.0	119	44400	No
271	GOM_NL__2PRFIN20100827_222046_000000422092_00258_44400_0249.N1	27-AUG-2010 22:20:46	Dark	42.000	30	46Eps Ori	1.6940	30000.	84	44400	No
272	GOM_NL__2PRFIN20100827_222214_000000522092_00258_44400_0250.N1	27-AUG-2010 22:22:14	Dark	52.000	1	9Alp CMa	-1.4400	11000.	104	44400	No
273	GOM_NL__2PRFIN20100827_222549_000000522092_00258_44400_0251.N1	27-AUG-2010 22:25:49	Dark	51.500	101	11Alp Lep	2.5820	7000.0	103	44400	No
274	GOM_NL__2PRFIN20100827_224043_000000552092_00259_44401_0273.N1	27-AUG-2010 22:40:43	Dark	54.500	157	The1Eri	2.9060	9300.0	109	44401	No
275	GOM_NL__2PRFIN20100827_224317_000000462092_00259_44401_0274.N1	27-AUG-2010 22:43:17	Dark	45.500	9	Alp Eri	0.45300	24000.	91	44401	No
276	GOM_NL__2PRFIN20100827_224915_000000592092_00259_44401_0275.N1	27-AUG-2010 22:49:15	Straylight	59.000	84	Alp Phe	2.3970	4500.0	118	44401	No
277	GOM_NL__2PRFIN20100827_225102_000000552092_00259_44401_0276.N1	27-AUG-2010 22:51:02	Straylight	55.000	63	Bet Gru	2.1500	2800.0	110	44401	No
278	GOM_NL__2PRFIN20100827_225543_000000522092_00259_44401_0277.N1	27-AUG-2010 22:55:43	Straylight	51.500	18	24Alp PsA	1.1660	9700.0	103	44401	No

279	GOM_NL__2PRFIN20100827_230042_000000462092_00259_44401_0278.N1	27-AUG-2010 23:00:42	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	44401	No
280	GOM_NL__2PRFIN20100827_230354_000000402092_00259_44401_0279.N1	27-AUG-2010 23:03:54	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	44401	No
281	GOM_NL__2PRFIN20100827_230529_000000422092_00259_44401_0280.N1	27-AUG-2010 23:05:29	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	44401	No
282	GOM_NL__2PRFIN20100827_230831_000000402092_00259_44401_0281.N1	27-AUG-2010 23:08:31	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	44401	No
283	GOM_NL__2PRFIN20100827_231607_000000492092_00259_44401_0282.N1	27-AUG-2010 23:16:07	Bright	48.500	164	44Eta Peg	2.9480	5400.0	97	44401	No
284	GOM_NL__2PRFIN20100827_232334_000000402092_00259_44401_0283.N1	27-AUG-2010 23:23:34	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	44401	No
285	GOM_NL__2PRFIN20100827_232655_000000482092_00259_44401_0284.N1	27-AUG-2010 23:26:55	Bright	47.500	74	11Bet Cas	2.2680	6600.0	95	44401	No
286	GOM_NL__2PRFIN20100827_232906_000000482092_00259_44401_0285.N1	27-AUG-2010 23:29:06	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	44401	No
287	GOM_NL__2PRFIN20100827_234321_000000552092_00259_44401_0286.N1	27-AUG-2010 23:43:21	Bright	55.000	6	13Alp Aur	0.080000	3400.0	110	44401	No
288	GOM_NL__2PRFIN20100827_234648_000000612092_00259_44401_0287.N1	27-AUG-2010 23:46:48	Bright	61.000	107	37The Aur	2.6490	11000.	122	44401	No
289	GOM_NL__2PRFIN20100827_235139_000000552092_00259_44401_0288.N1	27-AUG-2010 23:51:39	Twilight_stray	54.500	151	13Mu Gem	2.8900	3000.0	109	44401	No
290	GOM_NL__2PRFIN20100827_235321_000000472092_00259_44401_0289.N1	27-AUG-2010 23:53:21	Twilight_stray	47.000	44	24Gam Gem	1.9280	11000.	94	44401	No
291	GOM_NL__2PRFIN20100827_235734_000000622092_00259_44401_0290.N1	27-AUG-2010 23:57:34	Dark	62.000	14	58Alp Ori	0.87000	3000.0	124	44401	No

3. Quality information per product

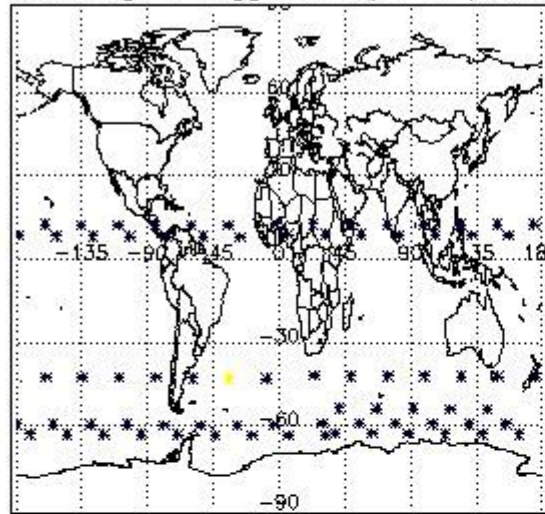
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

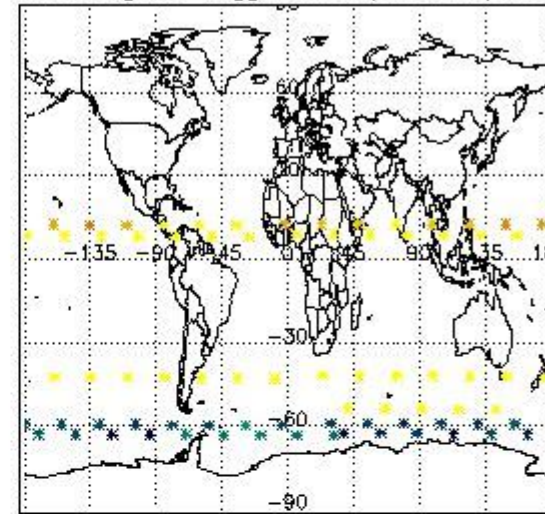


3.2 Plot quality information per product (world map)

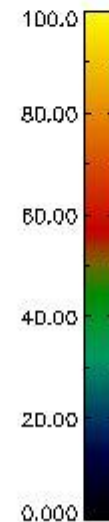
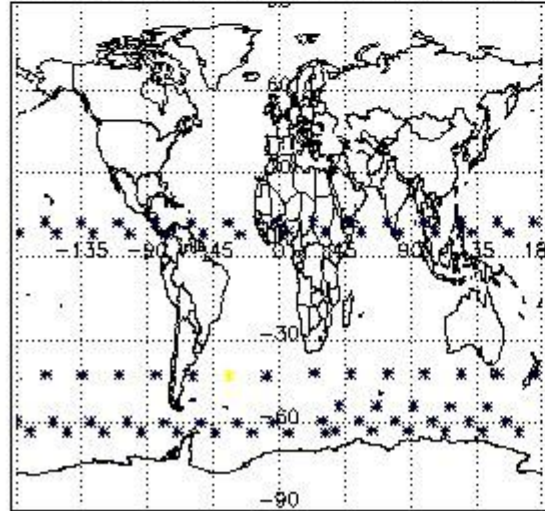
Percentage of flagged data per O3 profile



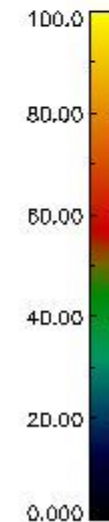
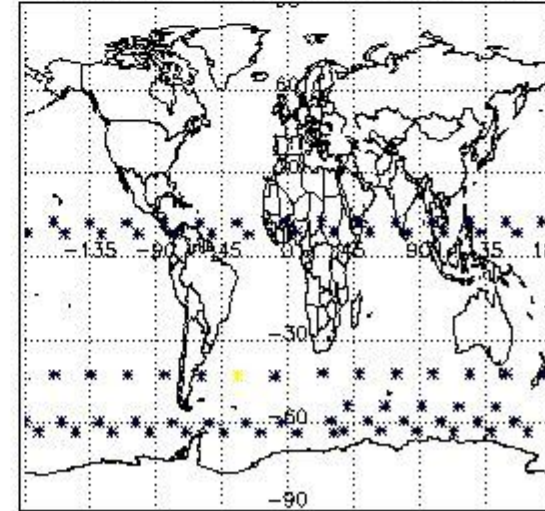
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

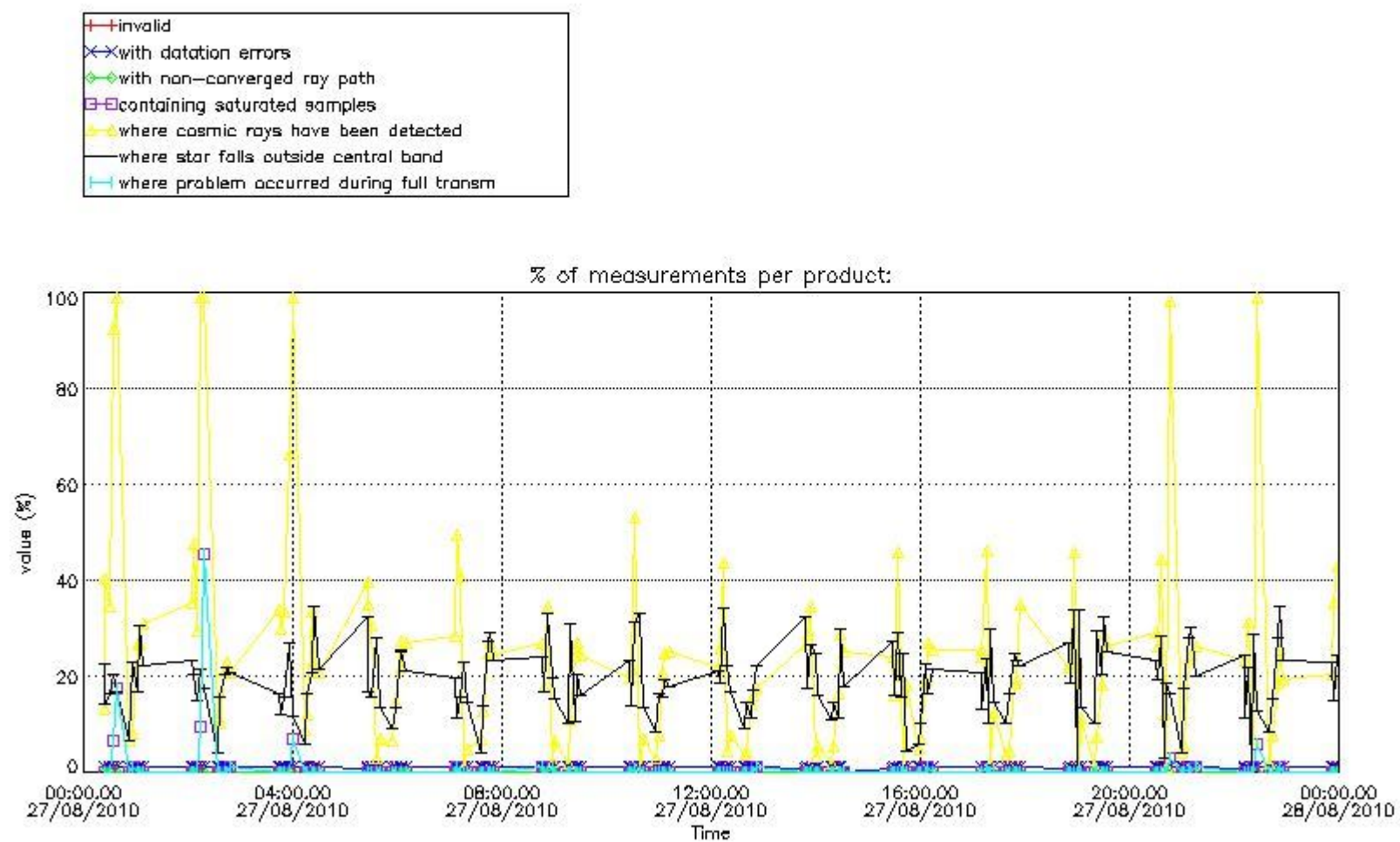


4. Level 1 quality information per product

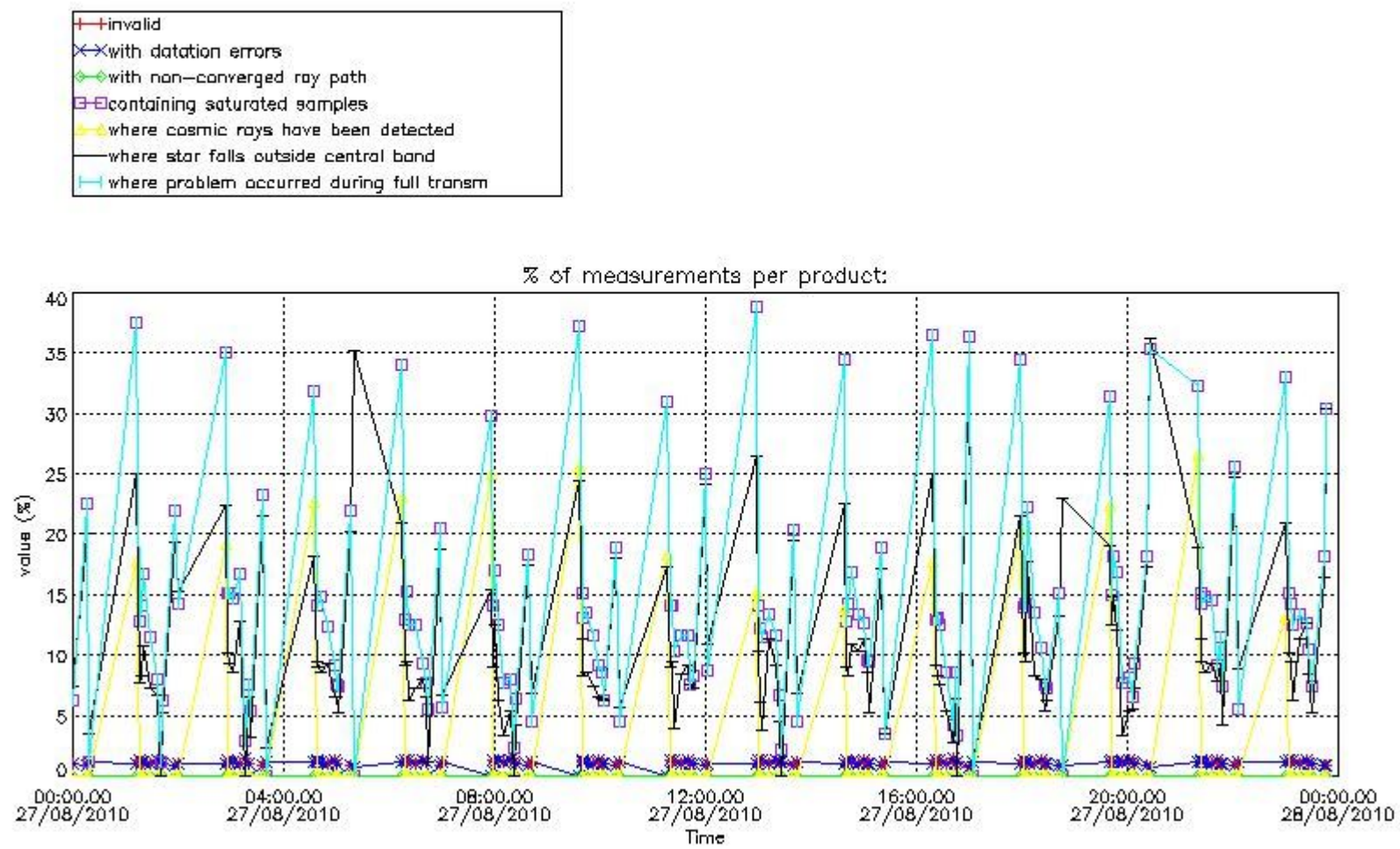
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

4.1 Plot quality information per product (time dependant) coming from level 1b processing

4.1.1 Plot level 1 quality information per product (time dependant): ENVISAT ASCENDING passes

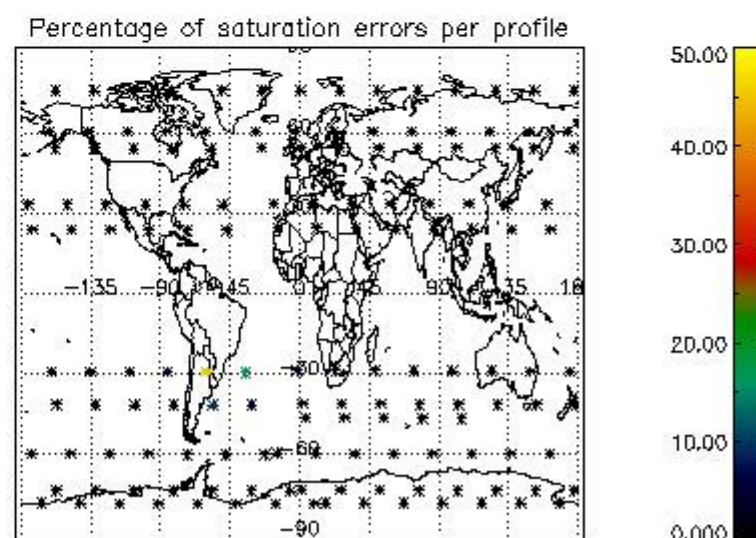
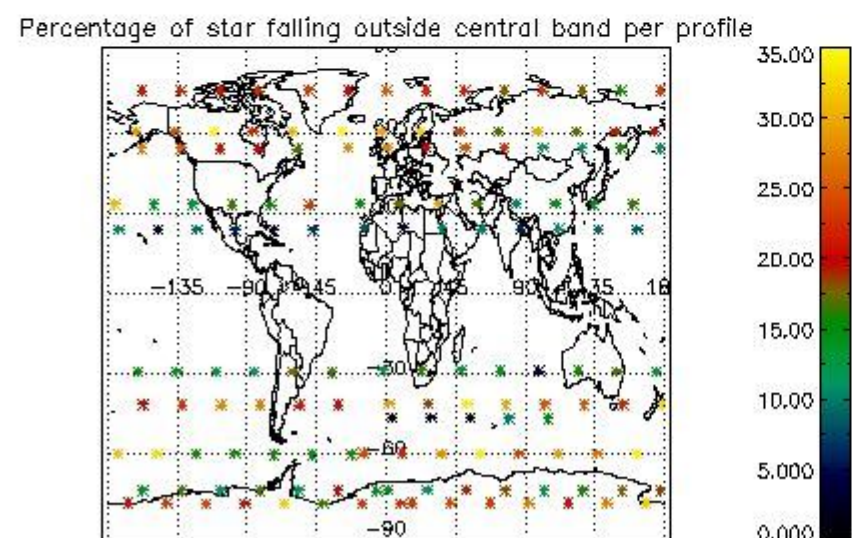
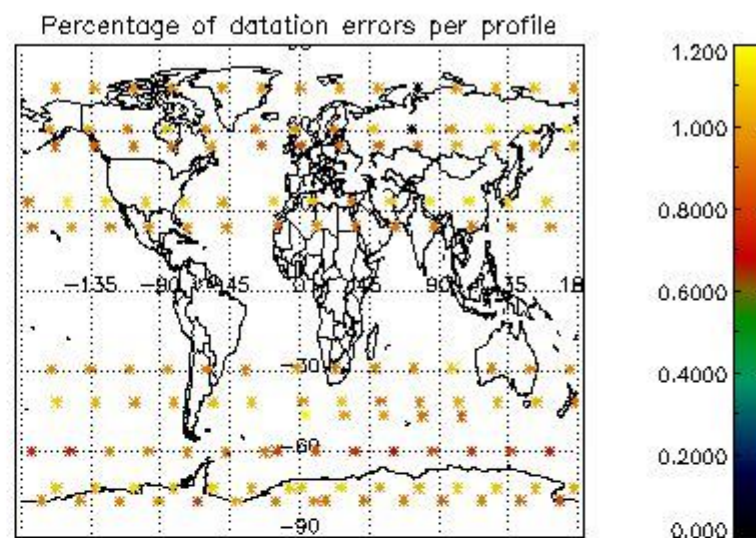
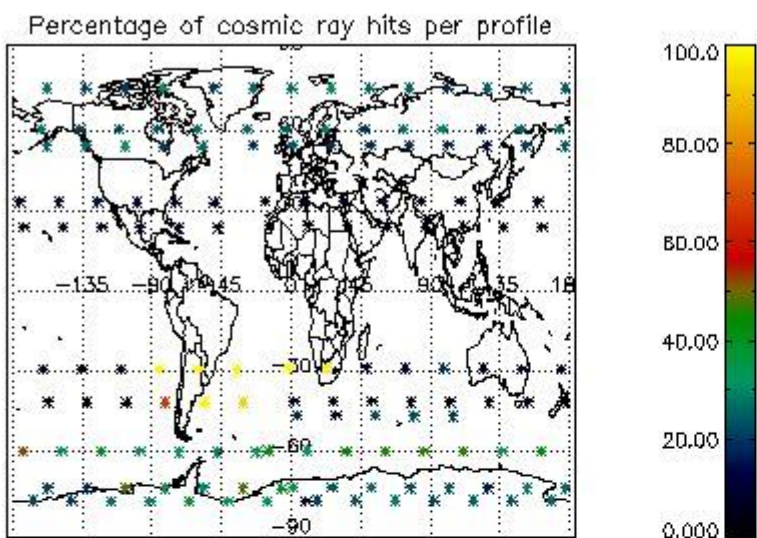


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

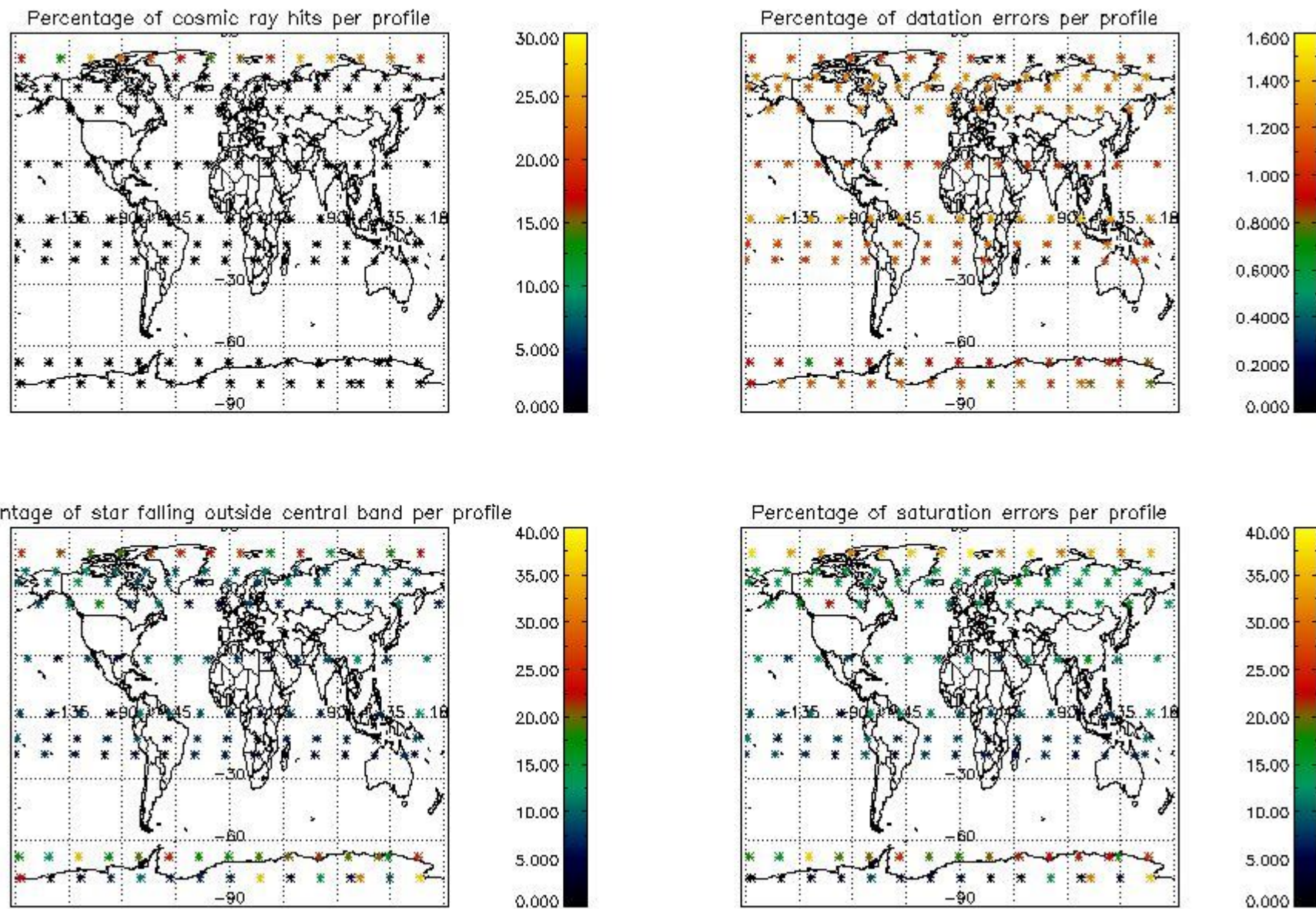


4.2 Plot quality information per product coming from level 1b processing (world map)

4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes



4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/o3_std of the level 2 products. The table below shows the statistics for given STD ranges.

The statistics are given with respect to the overall valid production:

- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

The 'Criteria' is applied to valid points of dark limb products:

- Products in dark limb illumination condition: GOM_NL__2P/NL_SUMMARY_QUALITY/obs_ill_cond=0
- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

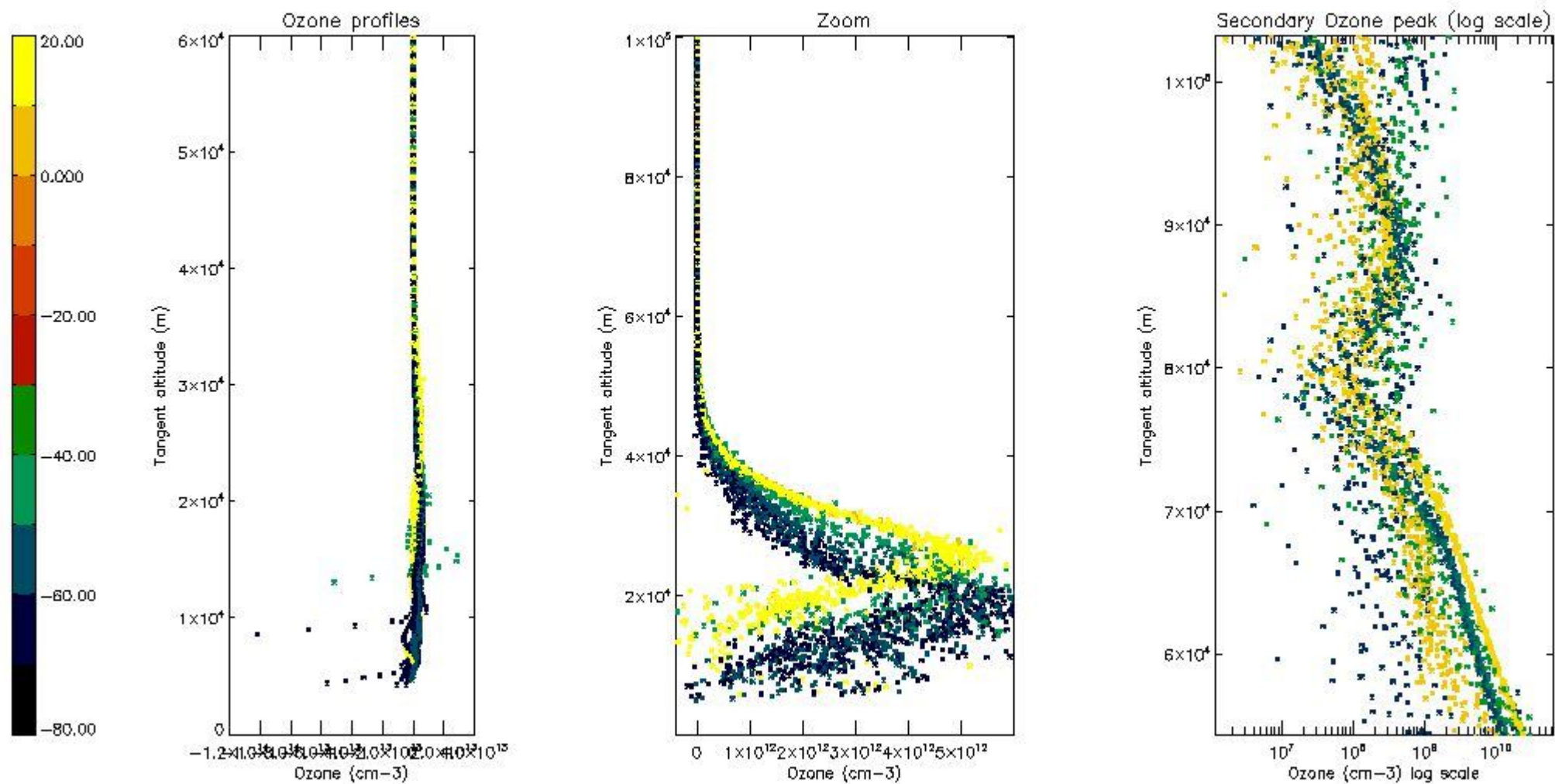
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	29
STD < 20	15

STD < 10	12
STD < 5	8

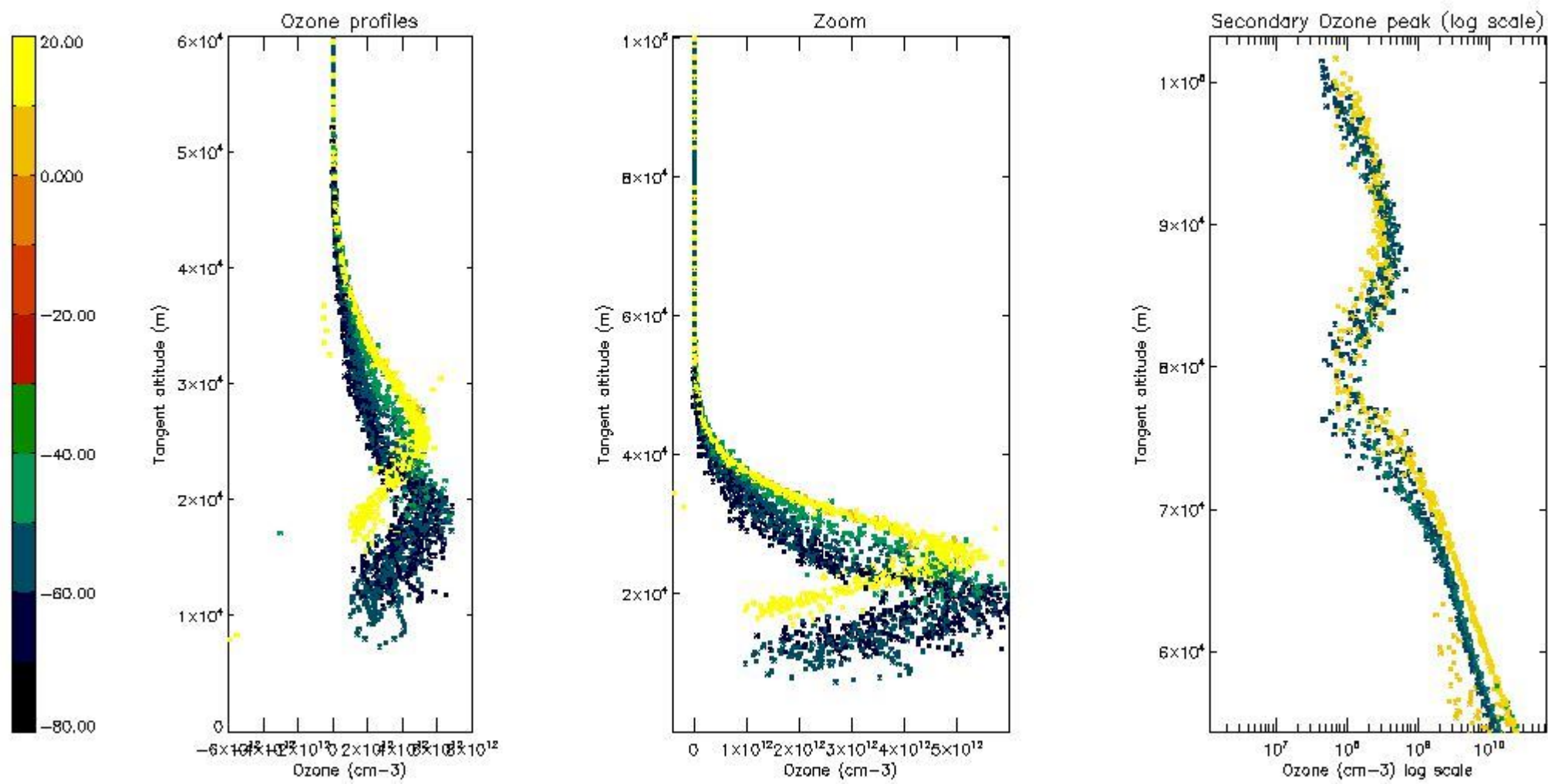
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



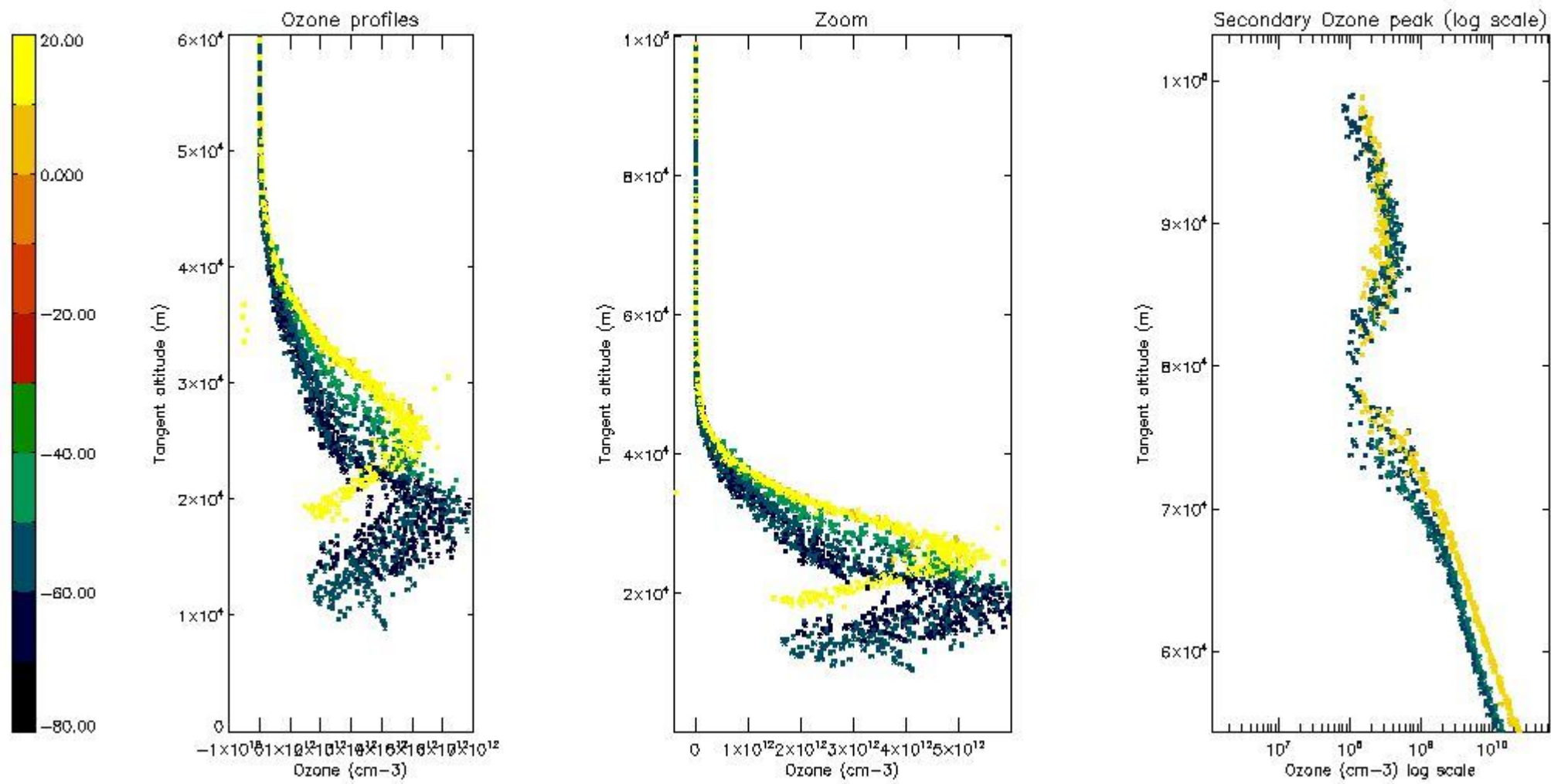
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



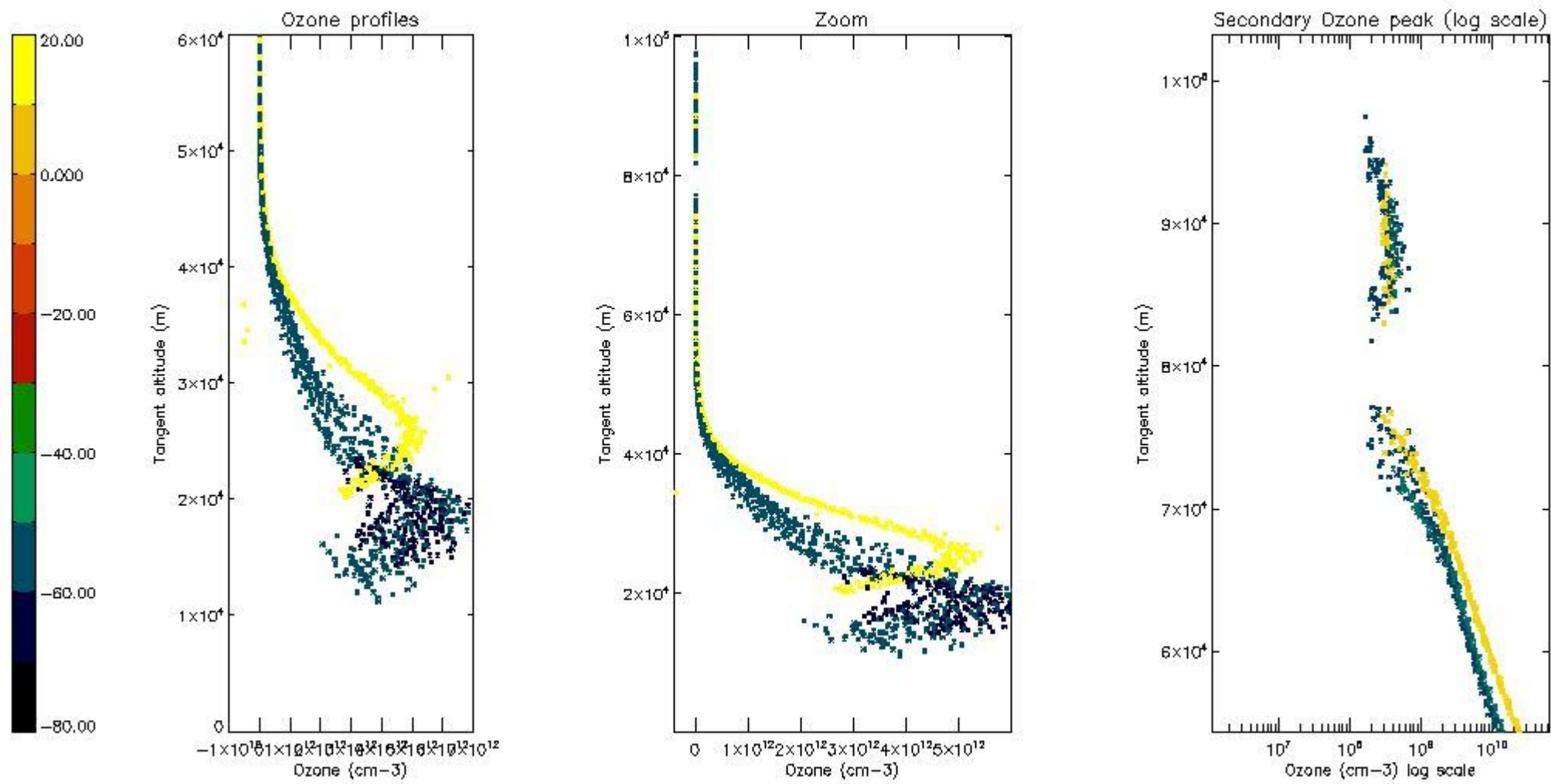
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



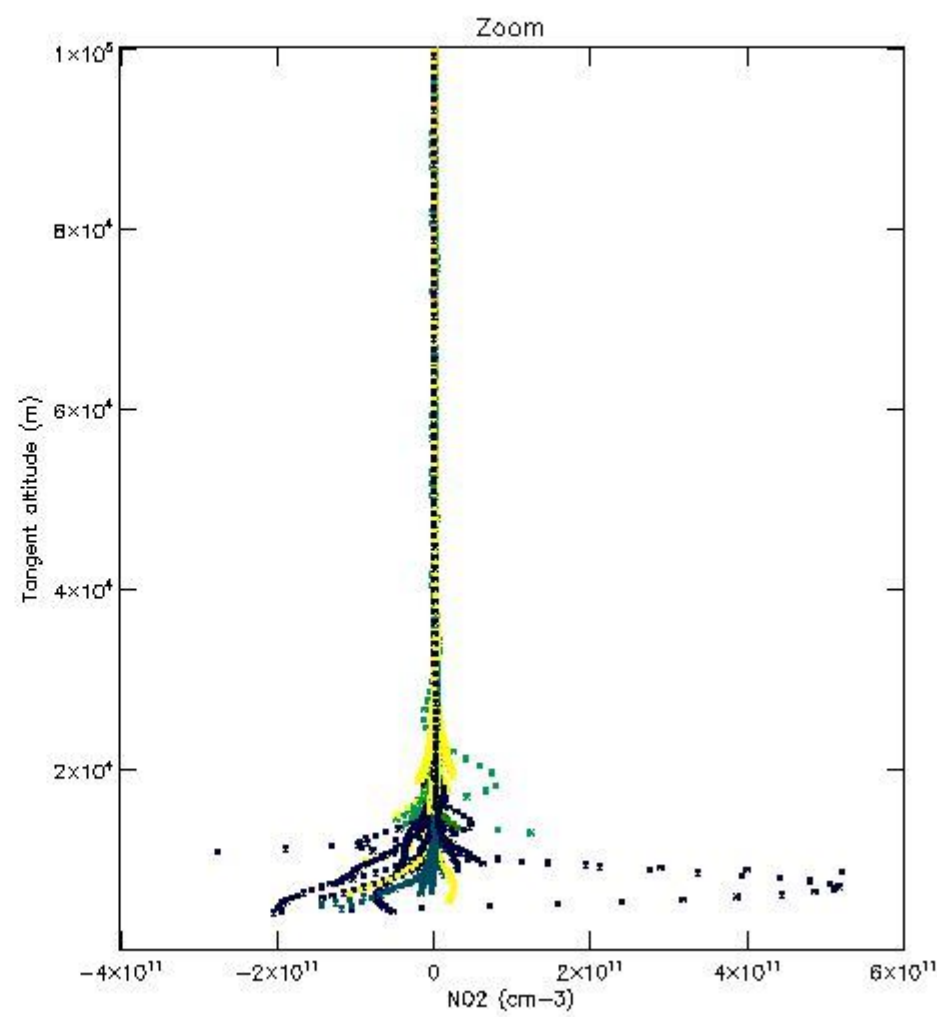
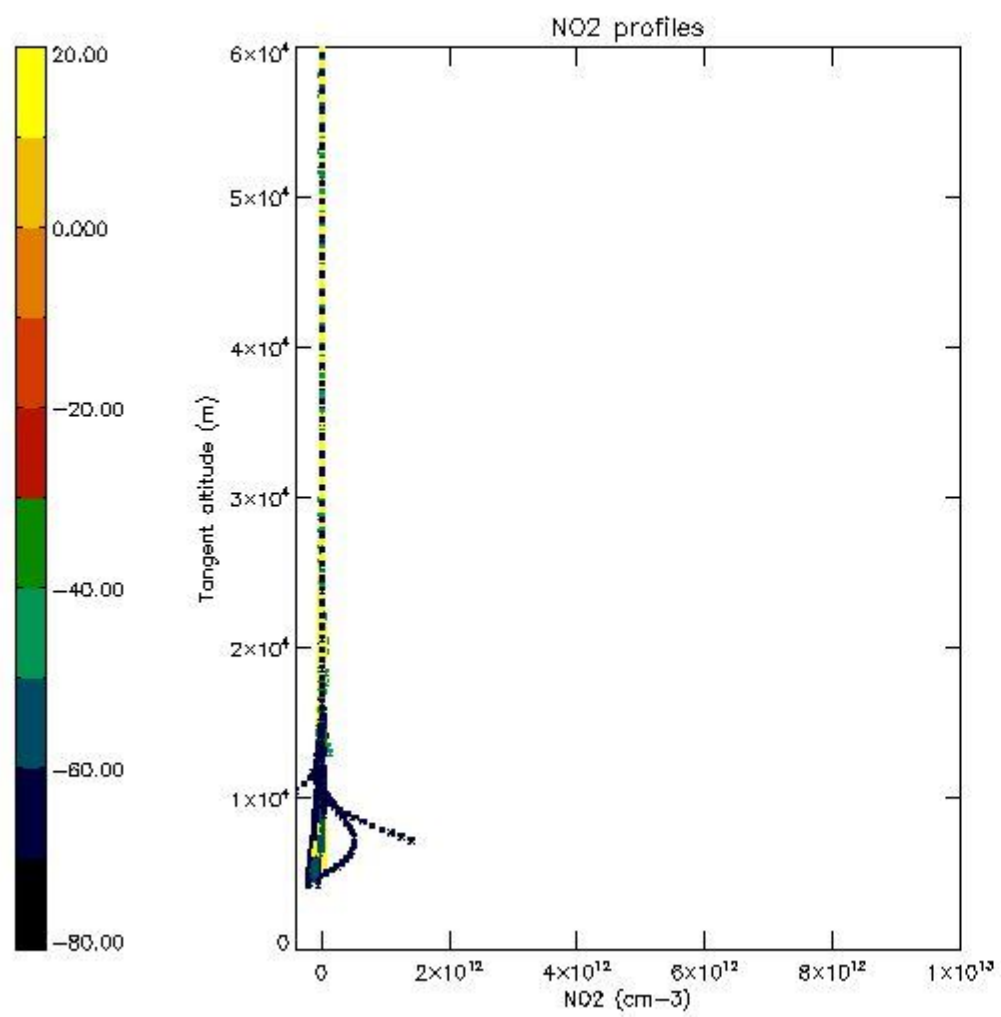
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



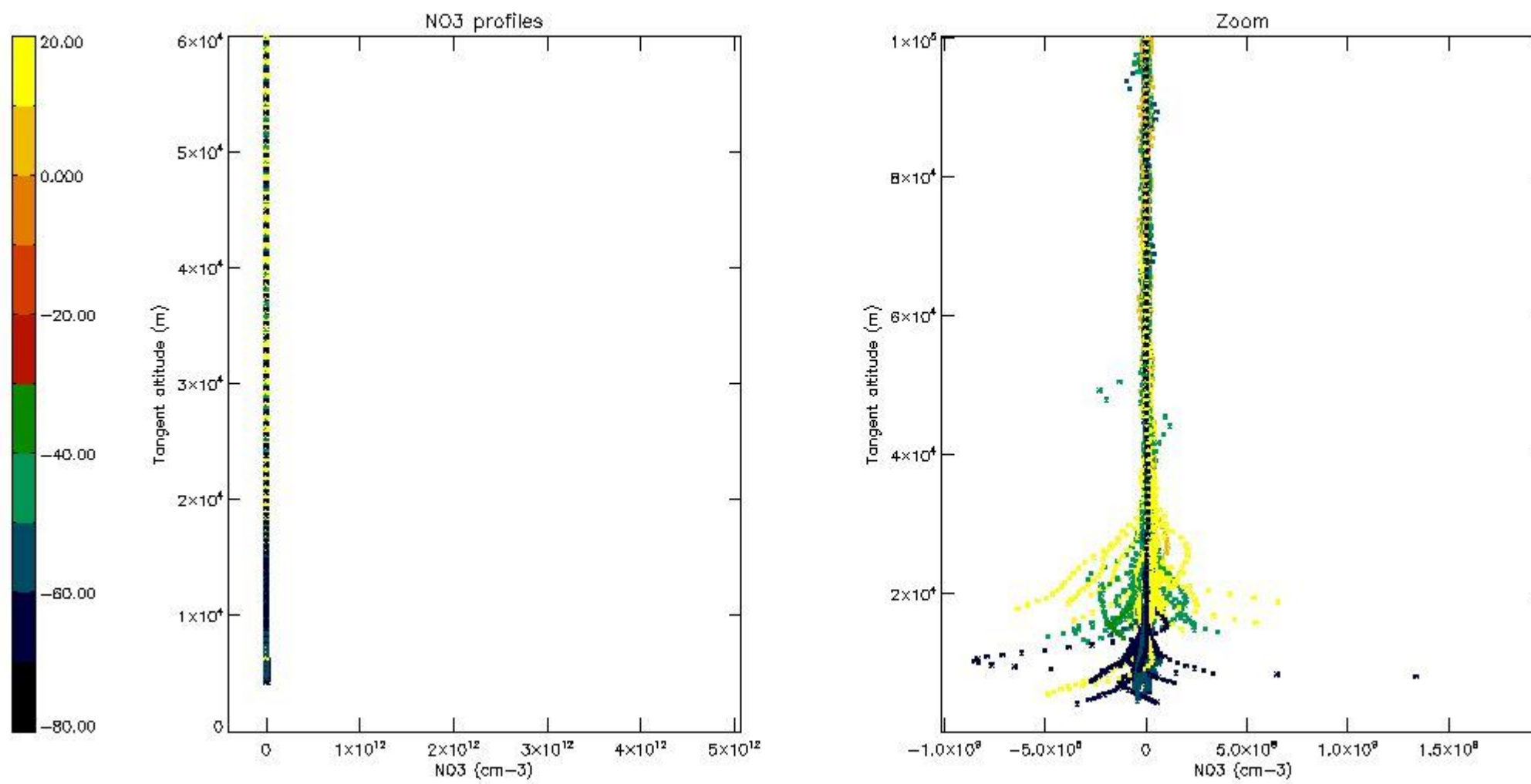
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



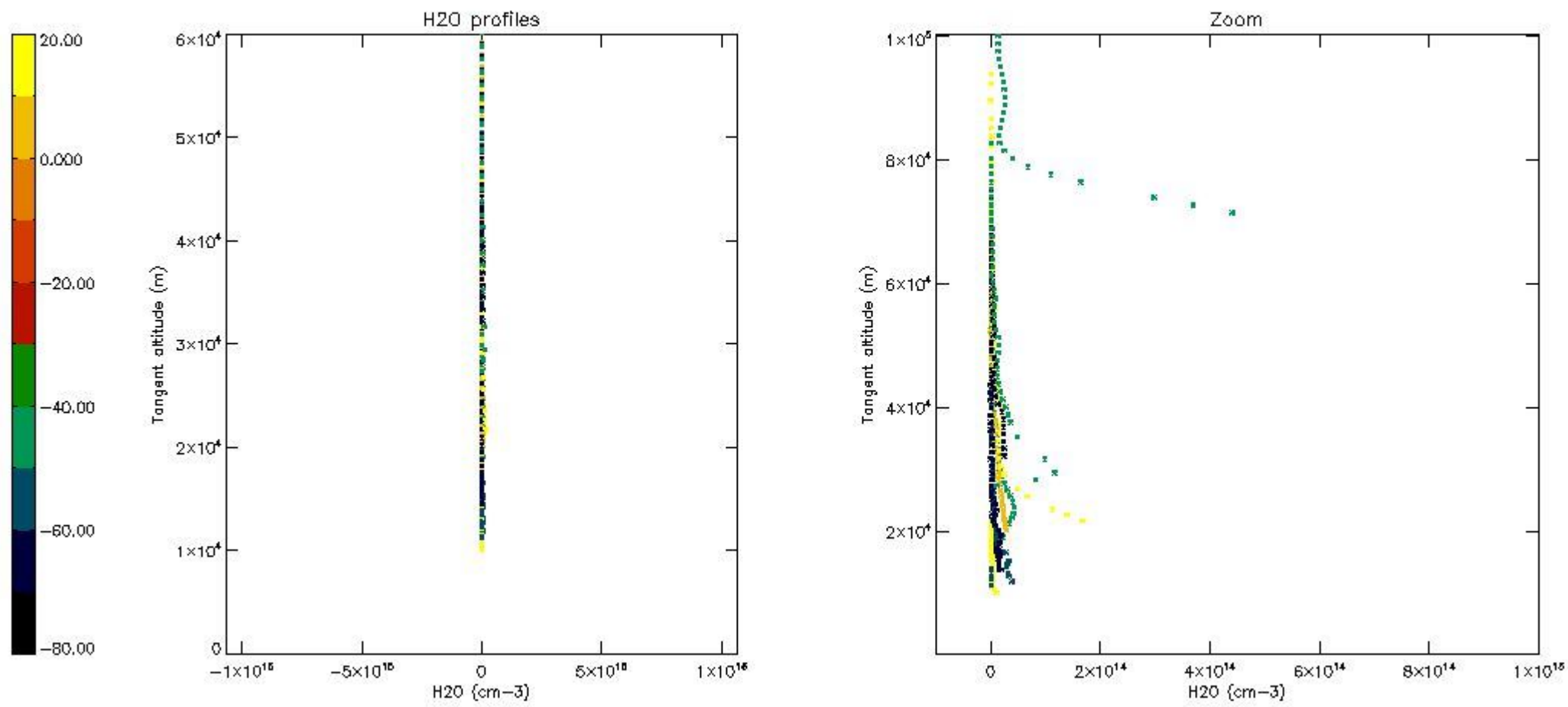
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



5.8 Plot H₂O profiles for all STD (only for occultations of stars 1,2,3,4,13,14,16,26,63 dark without errors)

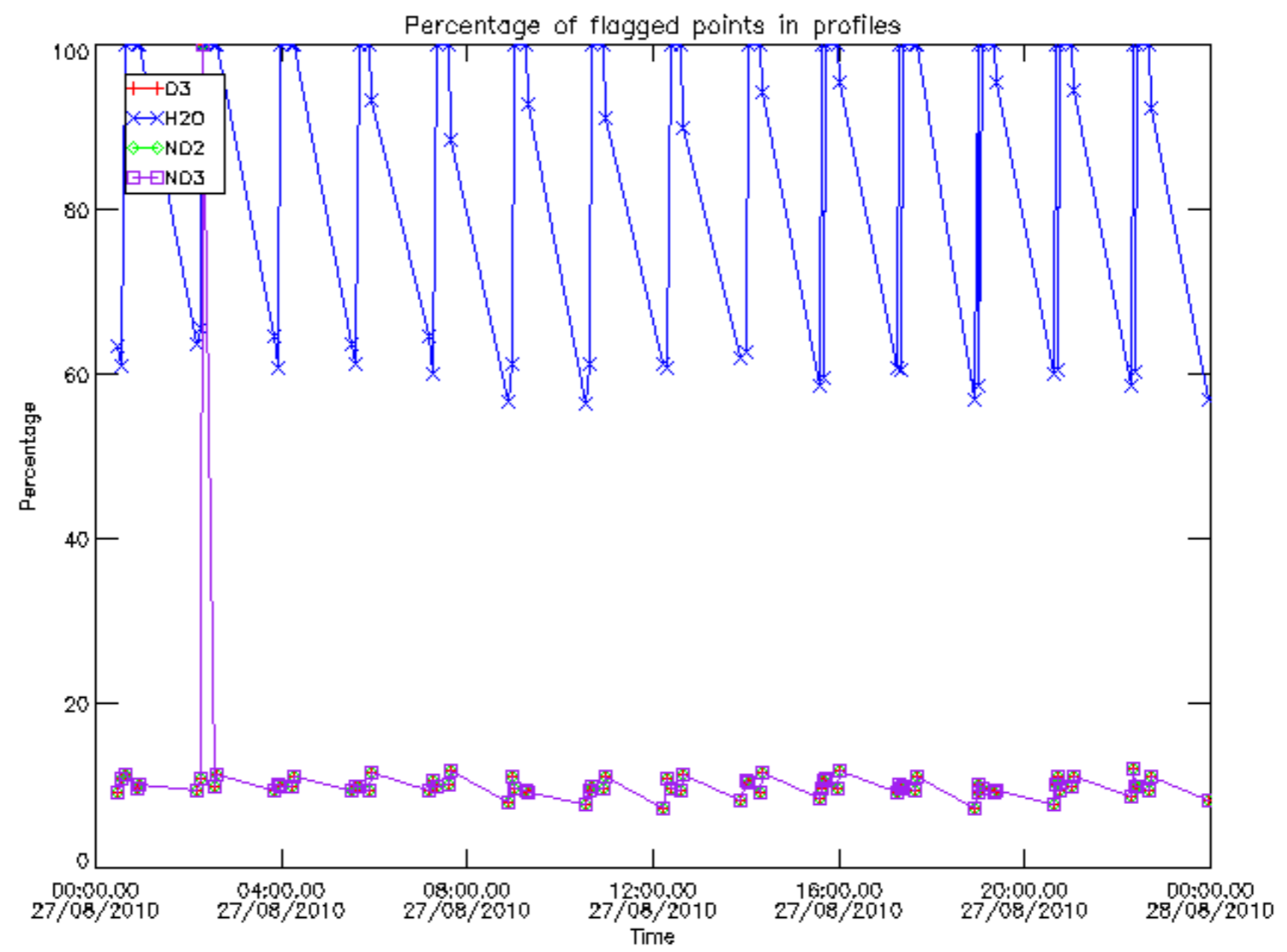
The colorbar represents the latitude.



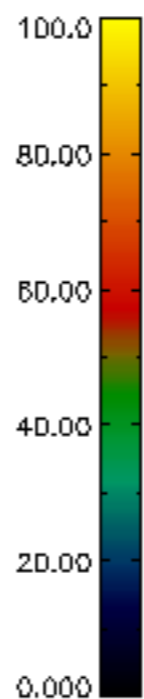
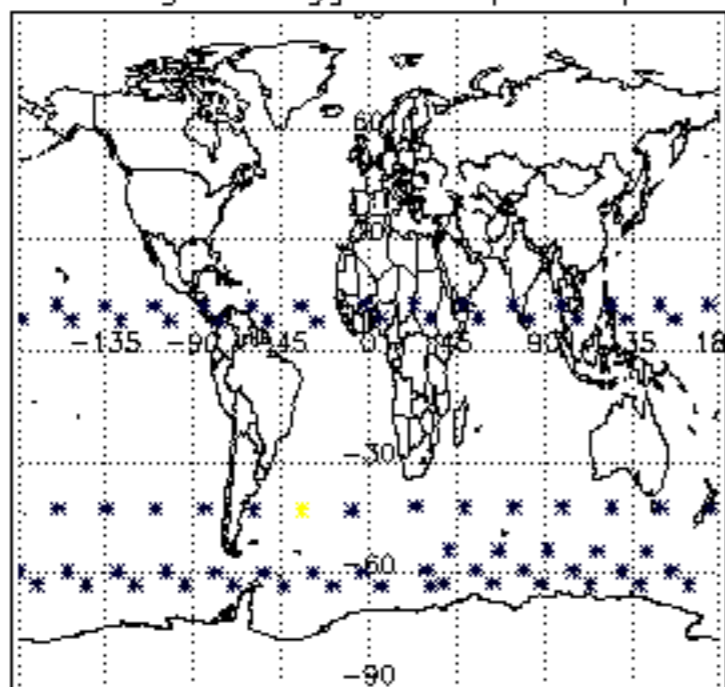
6. Auxiliary Data Files used for the production reported in section 2

The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

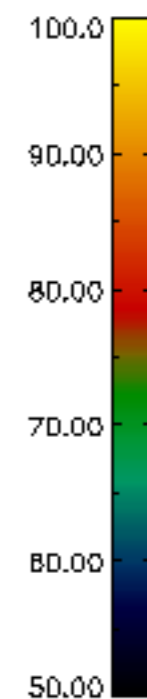
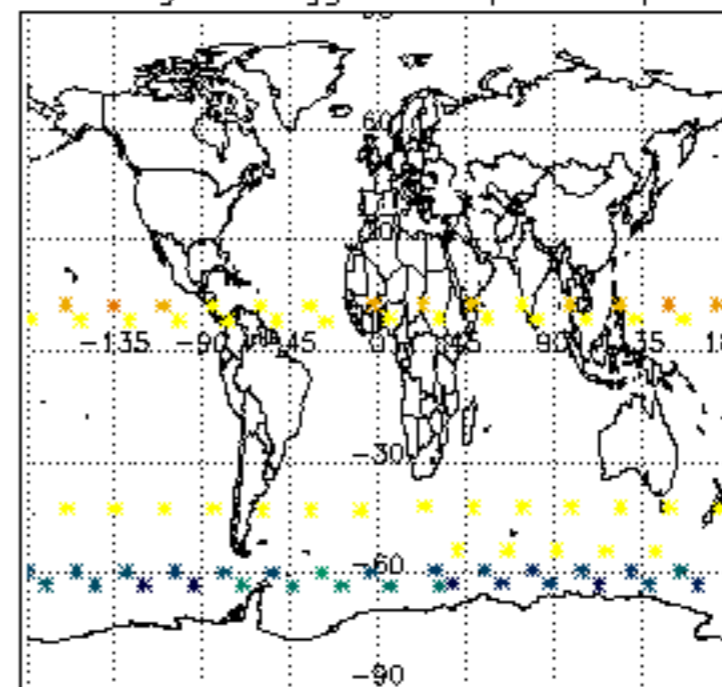
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	27-AUG-2010 00:00:54
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	27-AUG-2010 00:00:54
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	27-AUG-2010 00:00:54



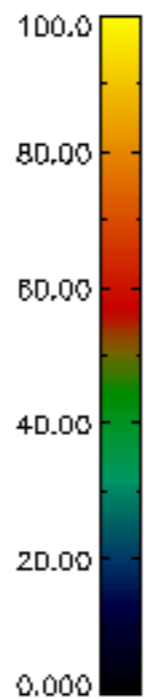
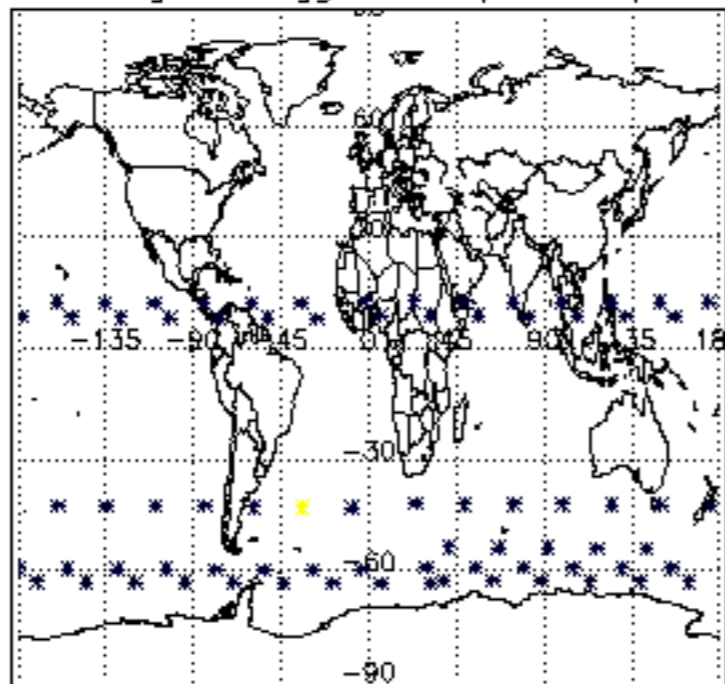
Percentage of flagged data per D3 profile



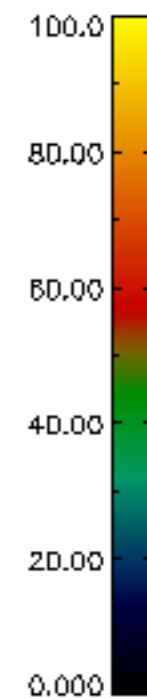
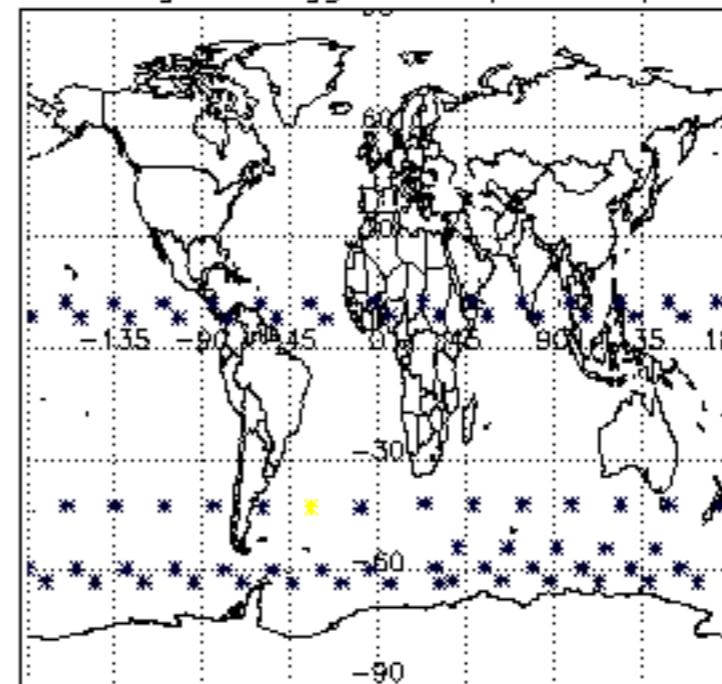
Percentage of flagged data per H2O profile

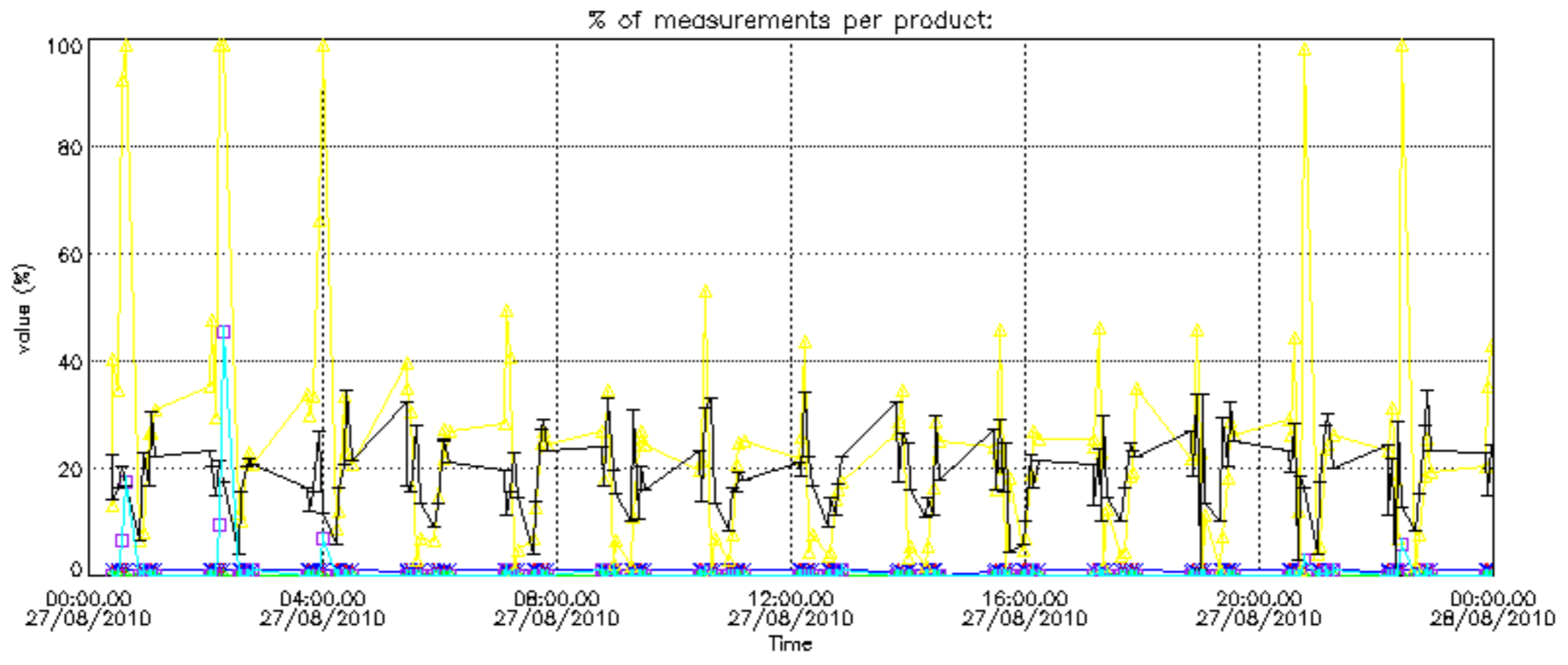


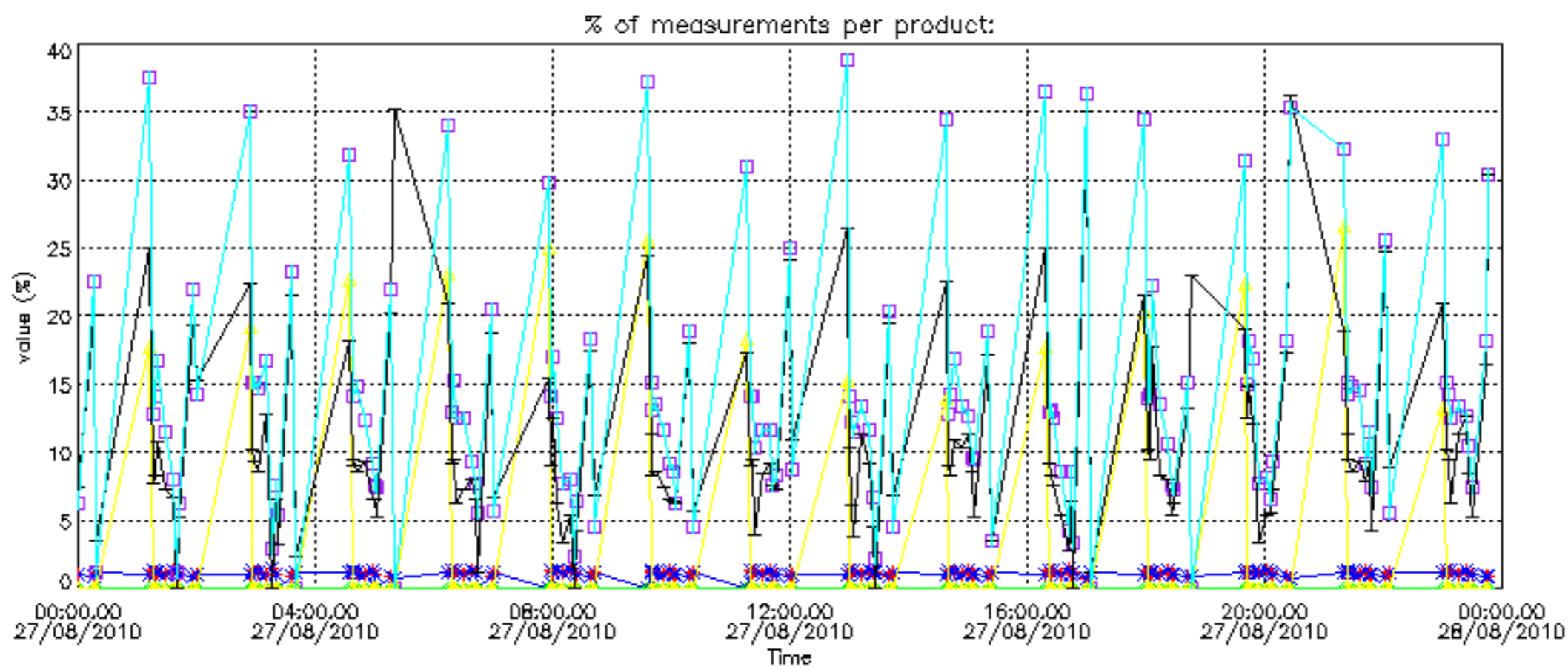
Percentage of flagged data per NO2 profile



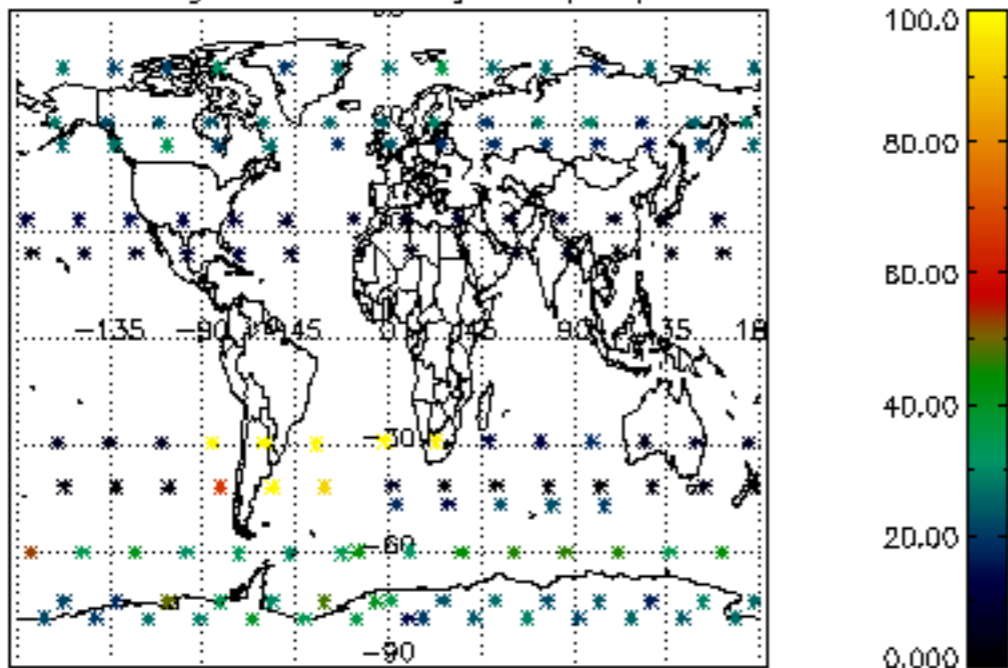
Percentage of flagged data per NO3 profile



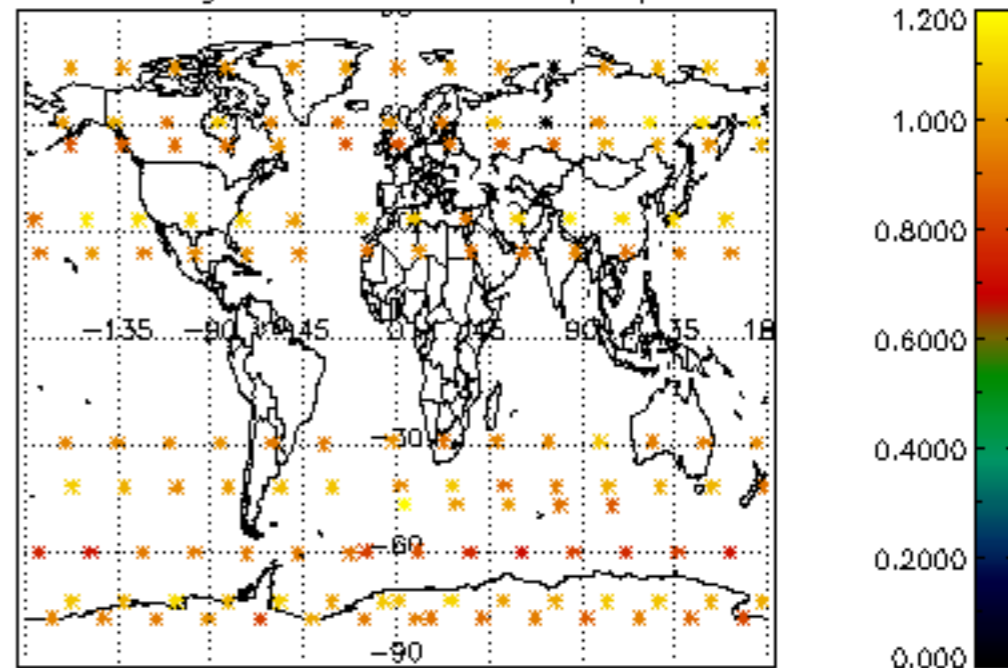




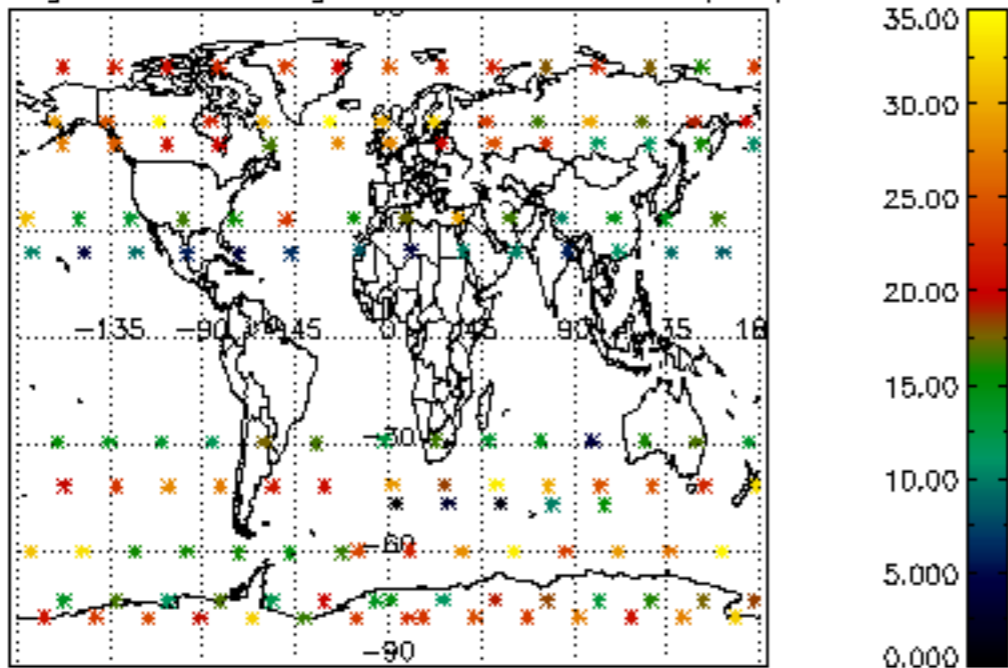
Percentage of cosmic ray hits per profile



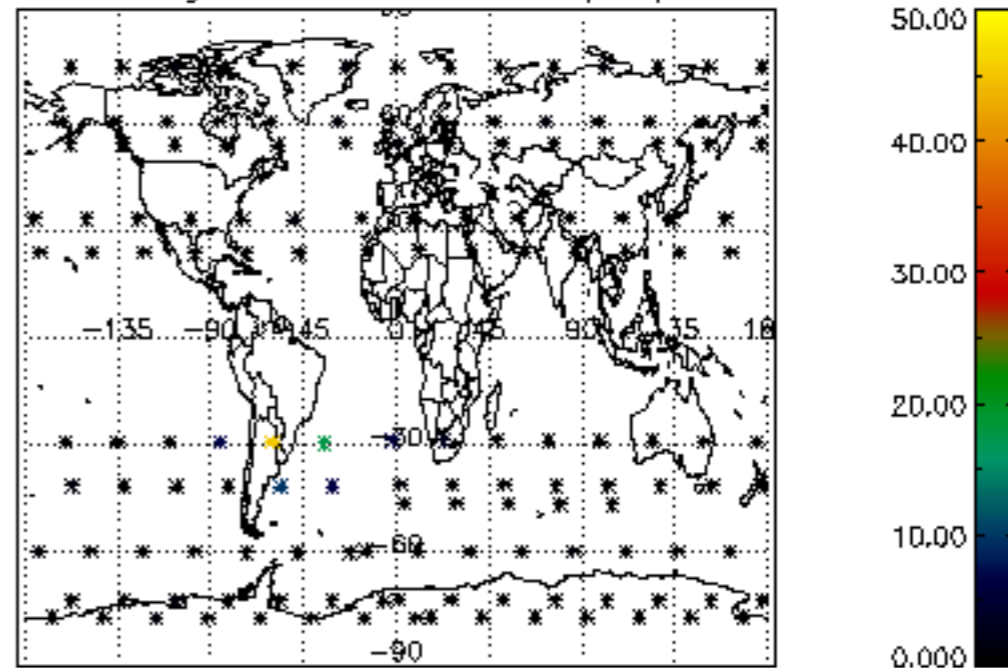
Percentage of datation errors per profile



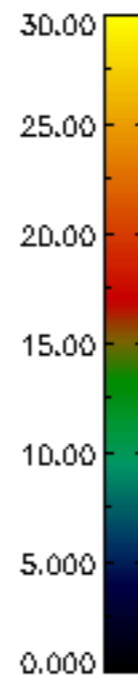
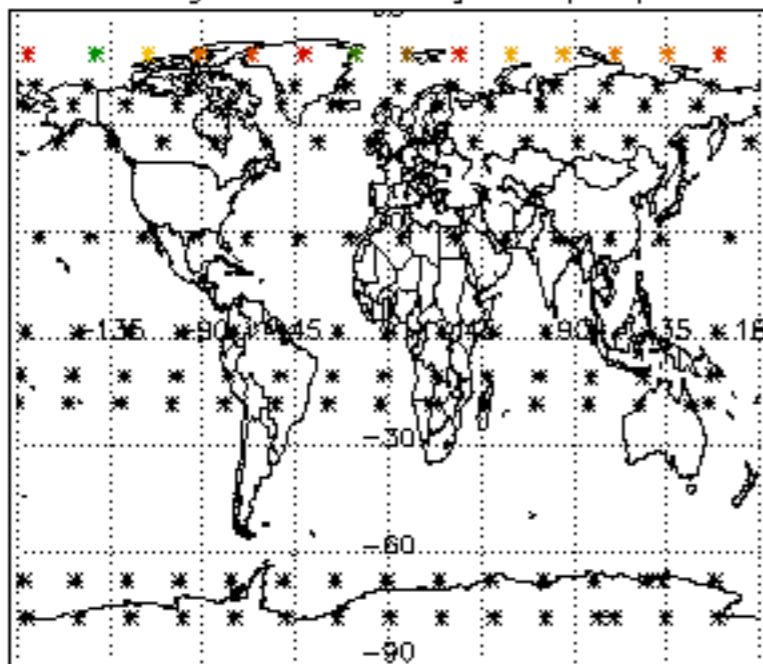
Percentage of star falling outside central band per profile



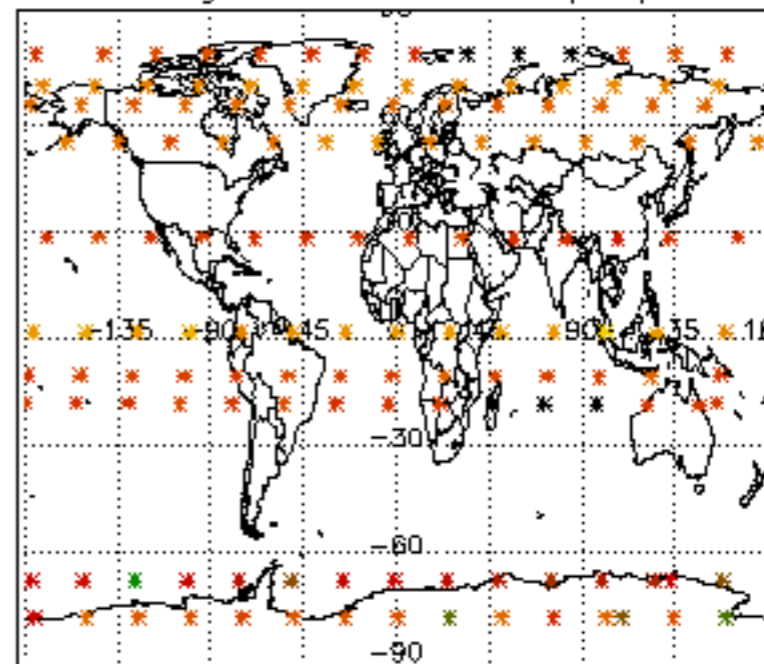
Percentage of saturation errors per profile



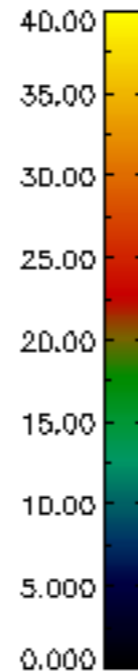
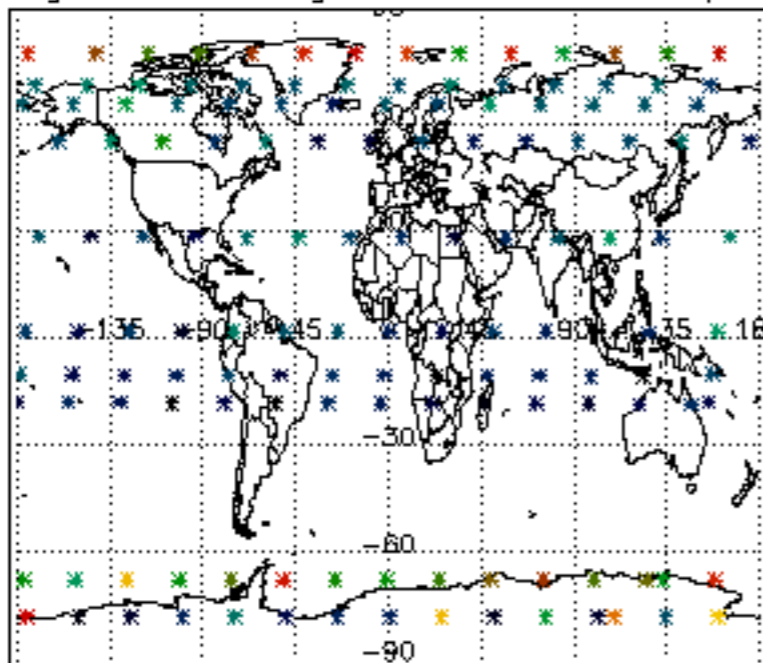
Percentage of cosmic ray hits per profile



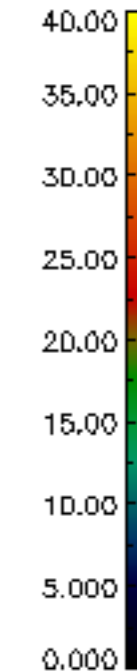
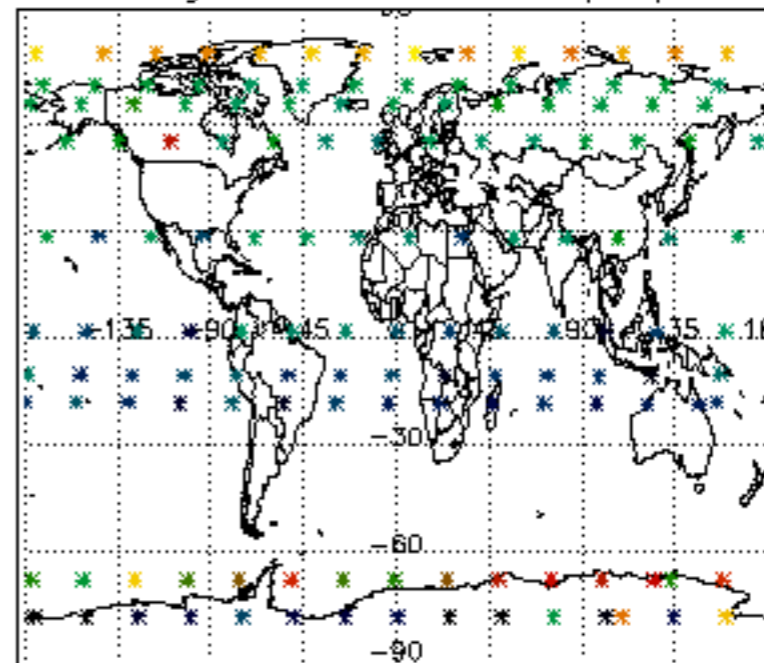
Percentage of datation errors per profile

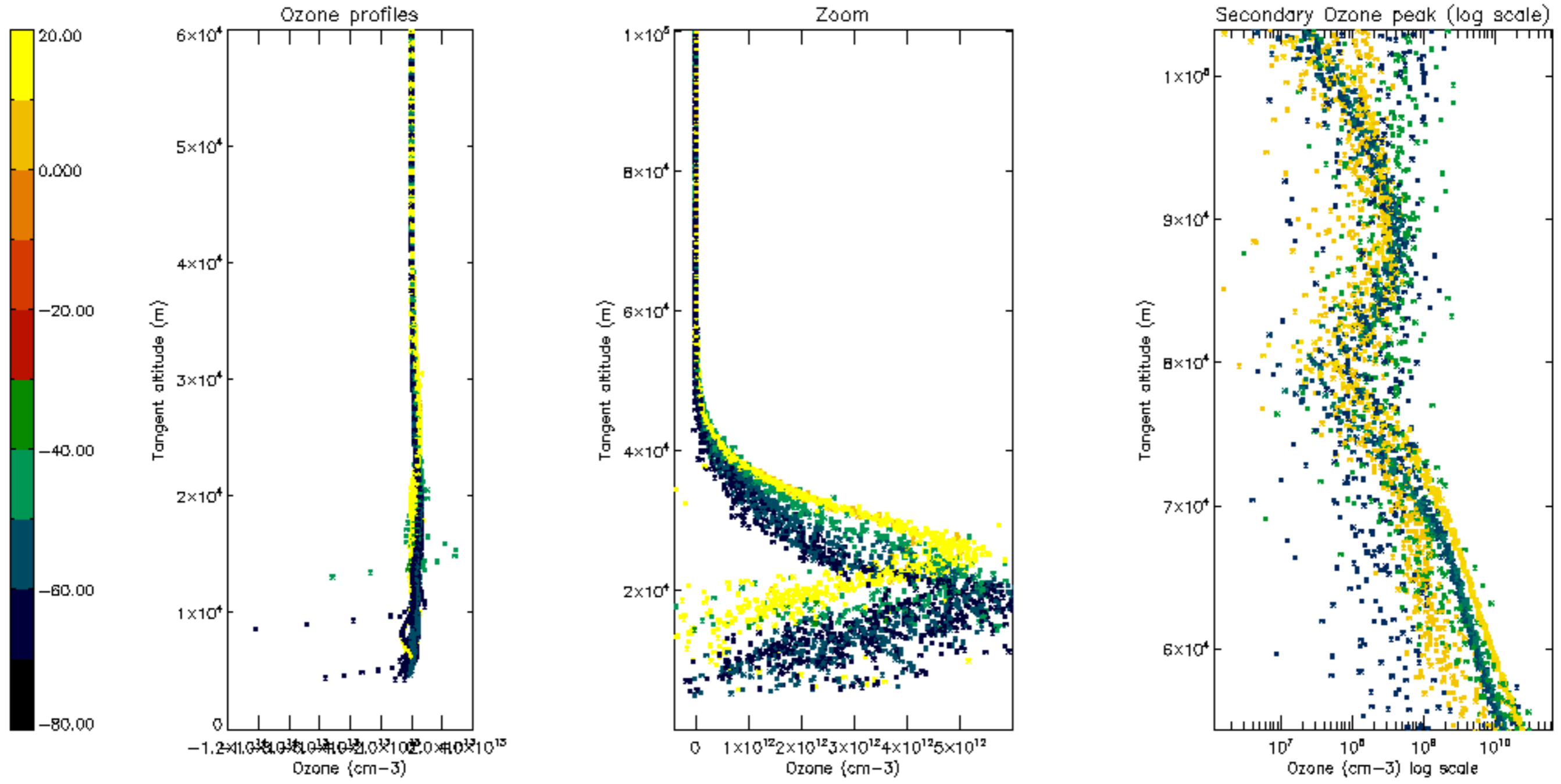


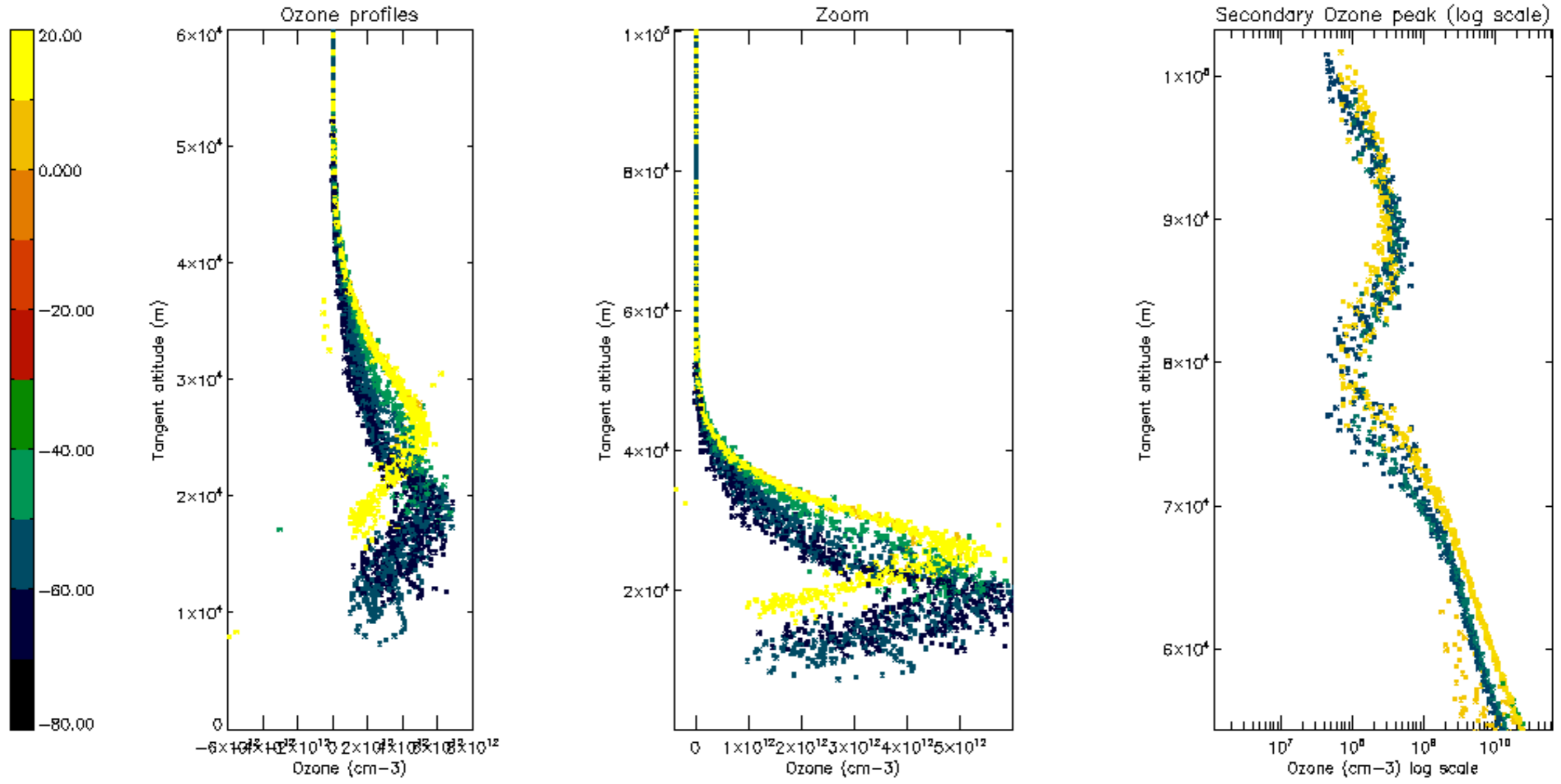
Percentage of star falling outside central band per profile

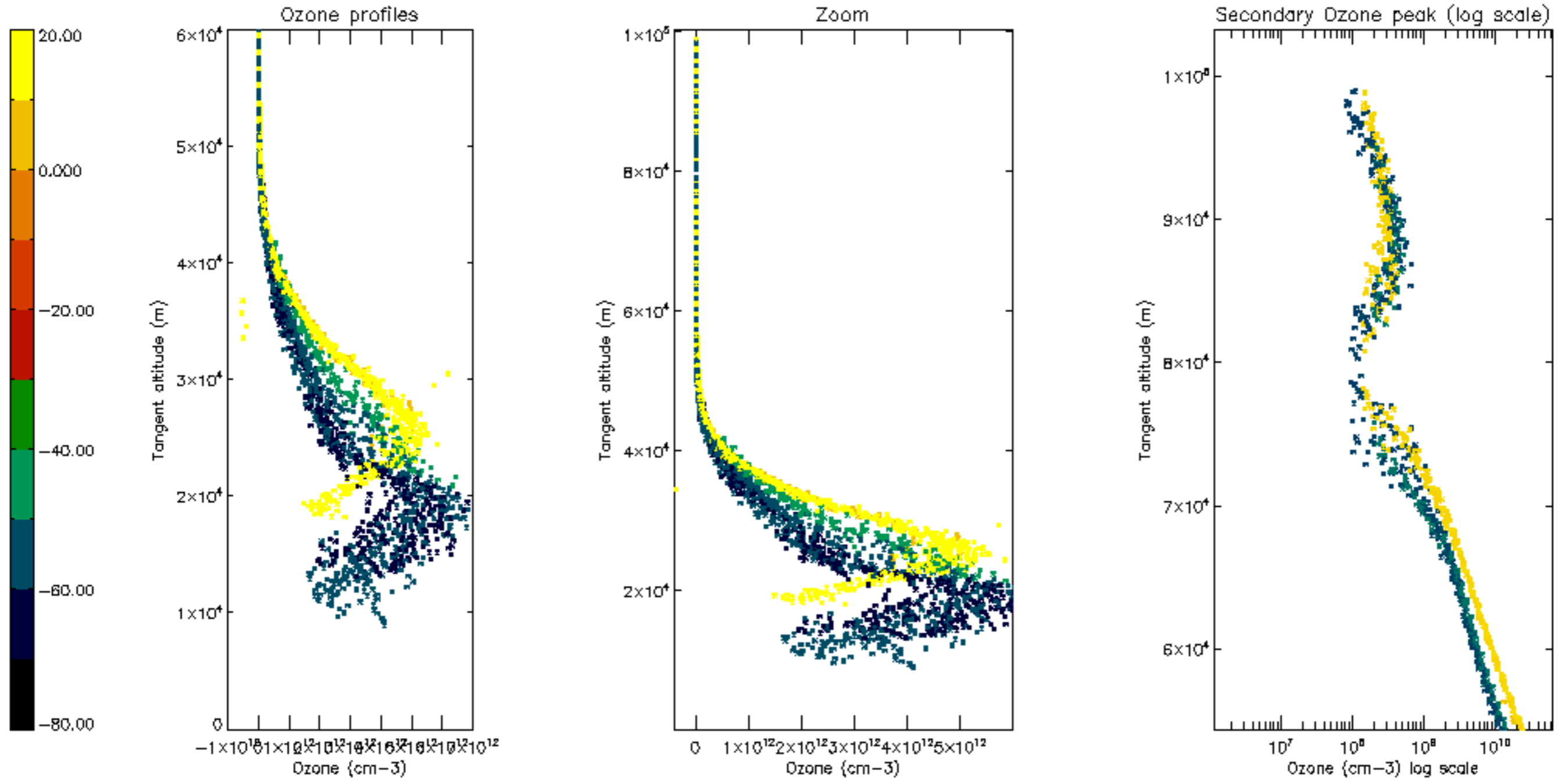


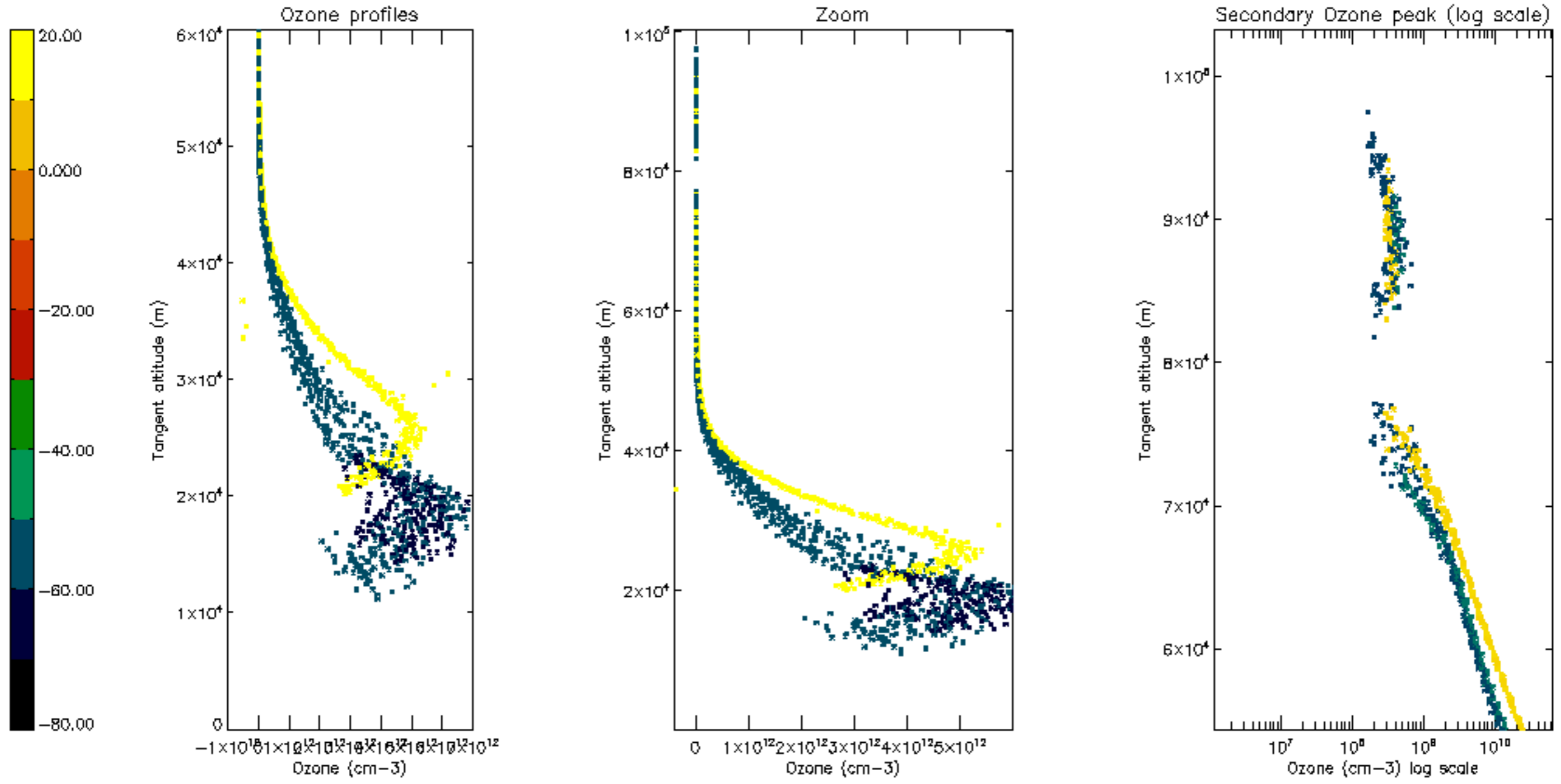
Percentage of saturation errors per profile

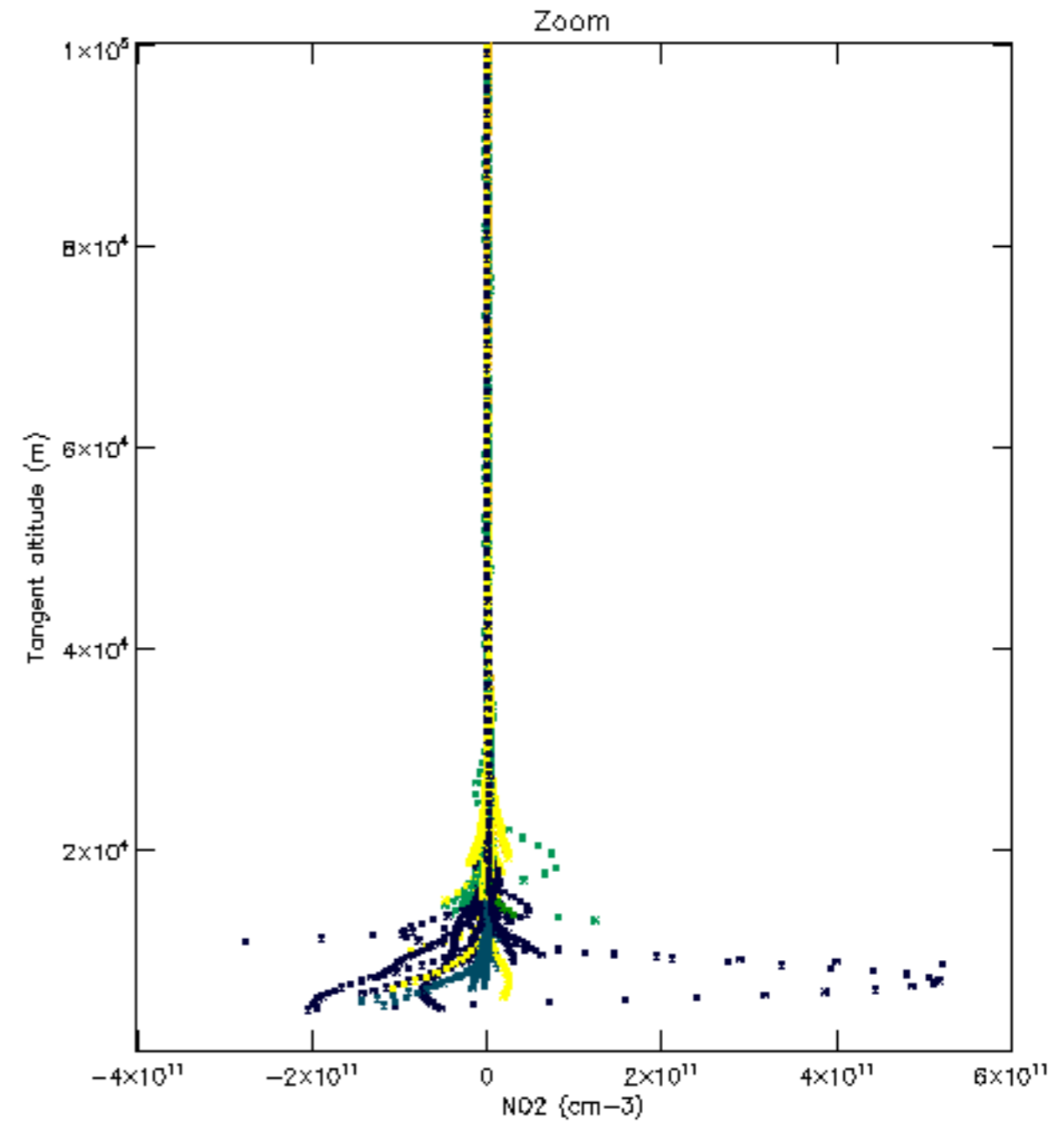
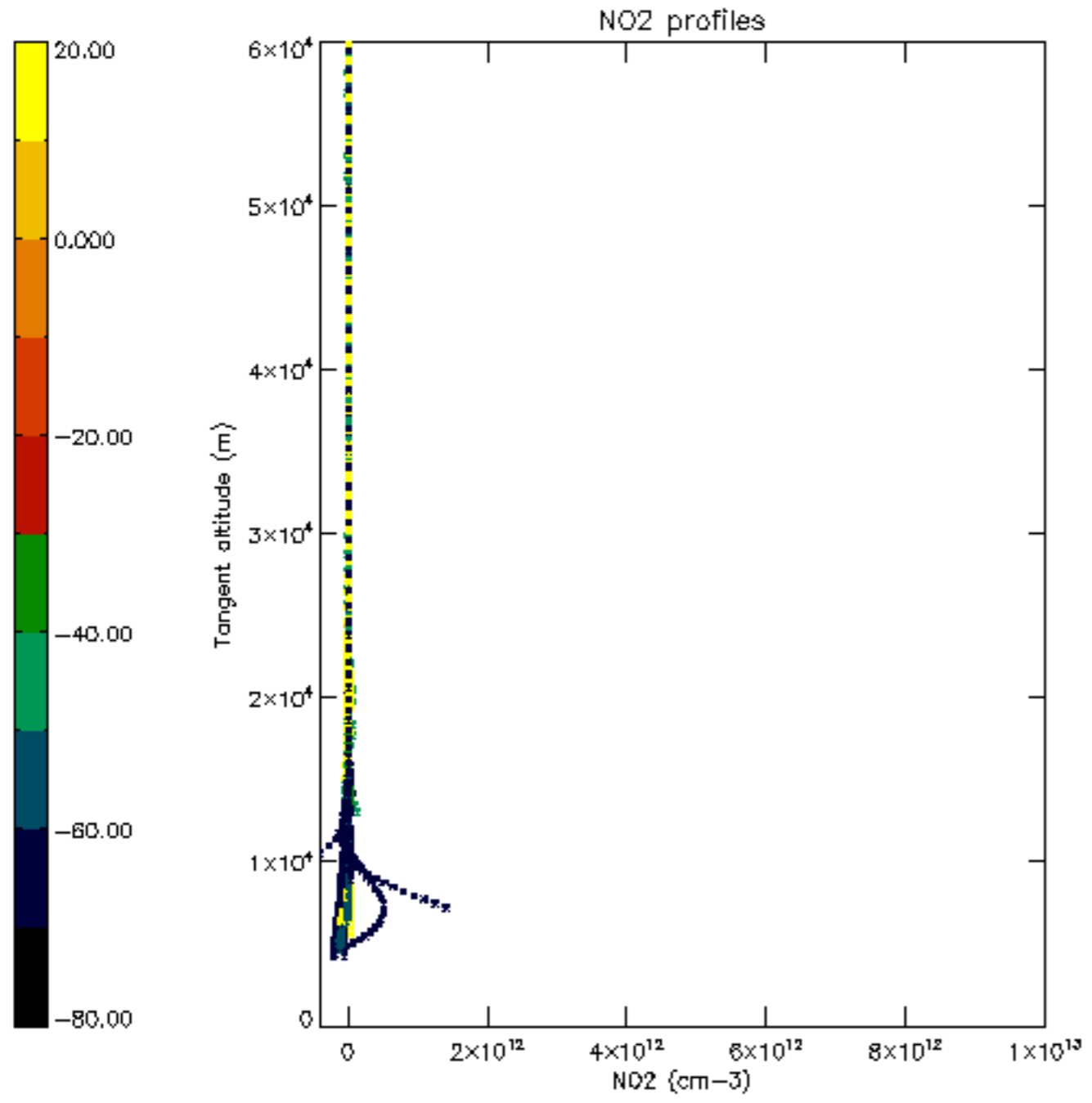


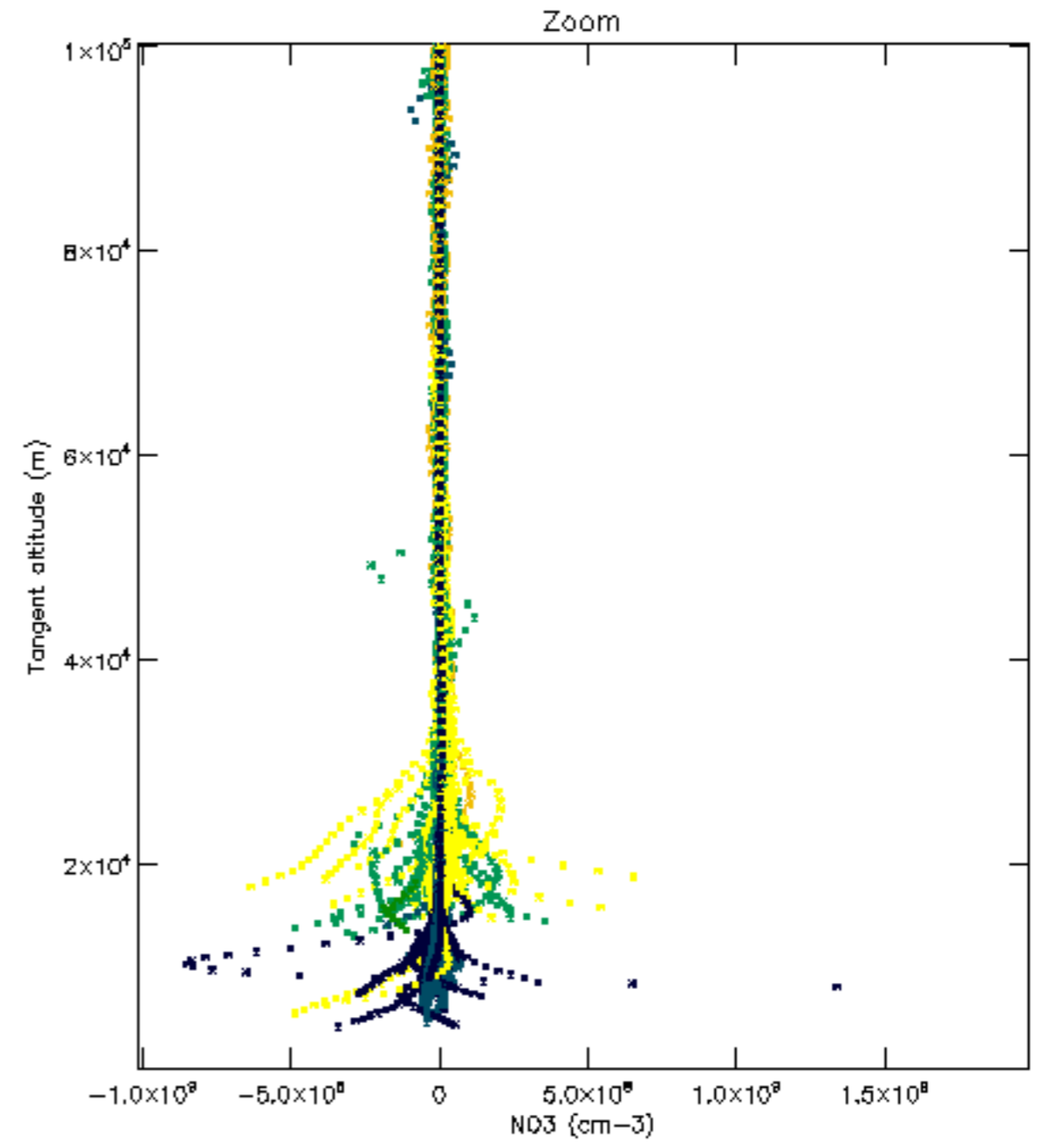
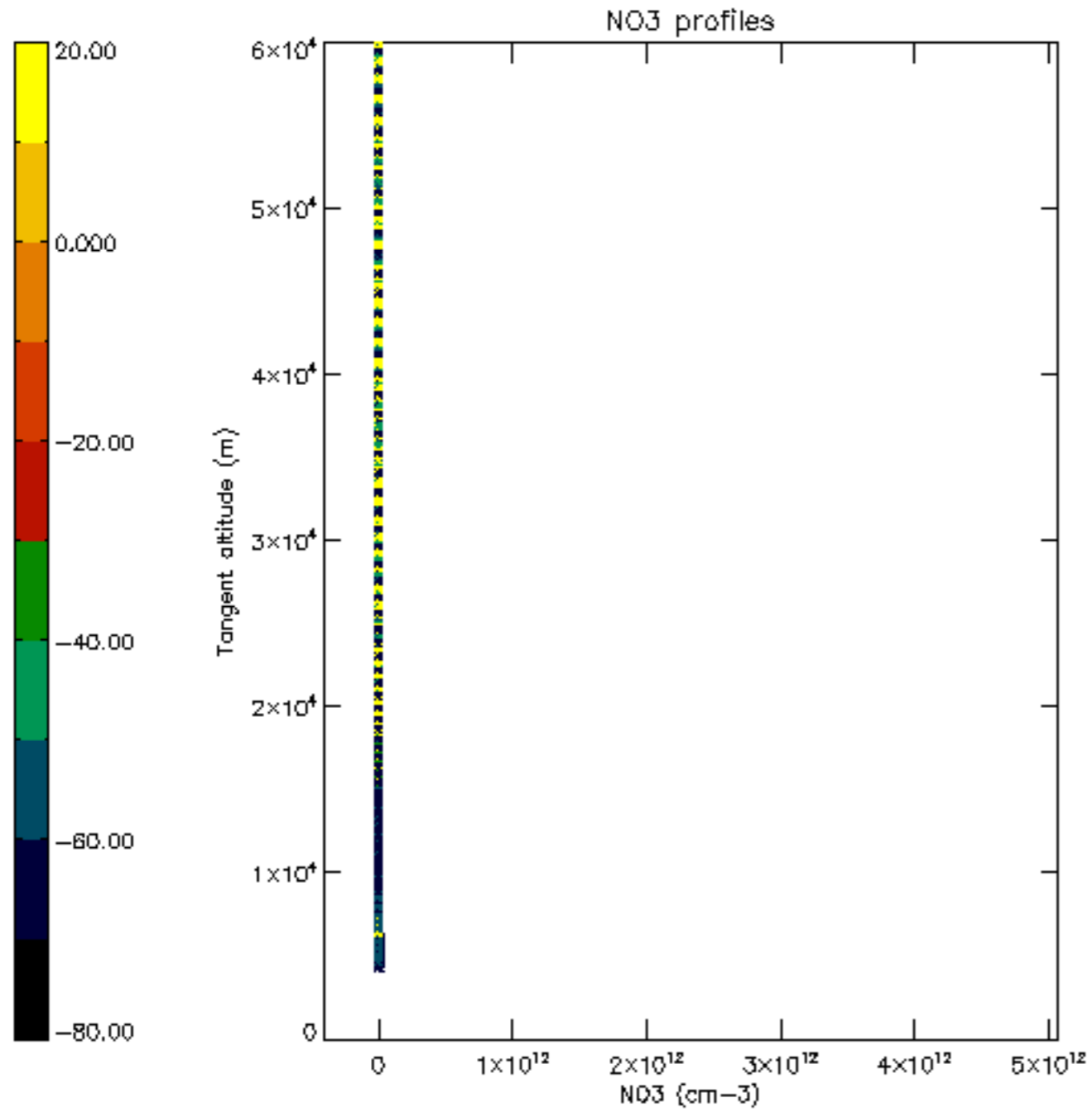


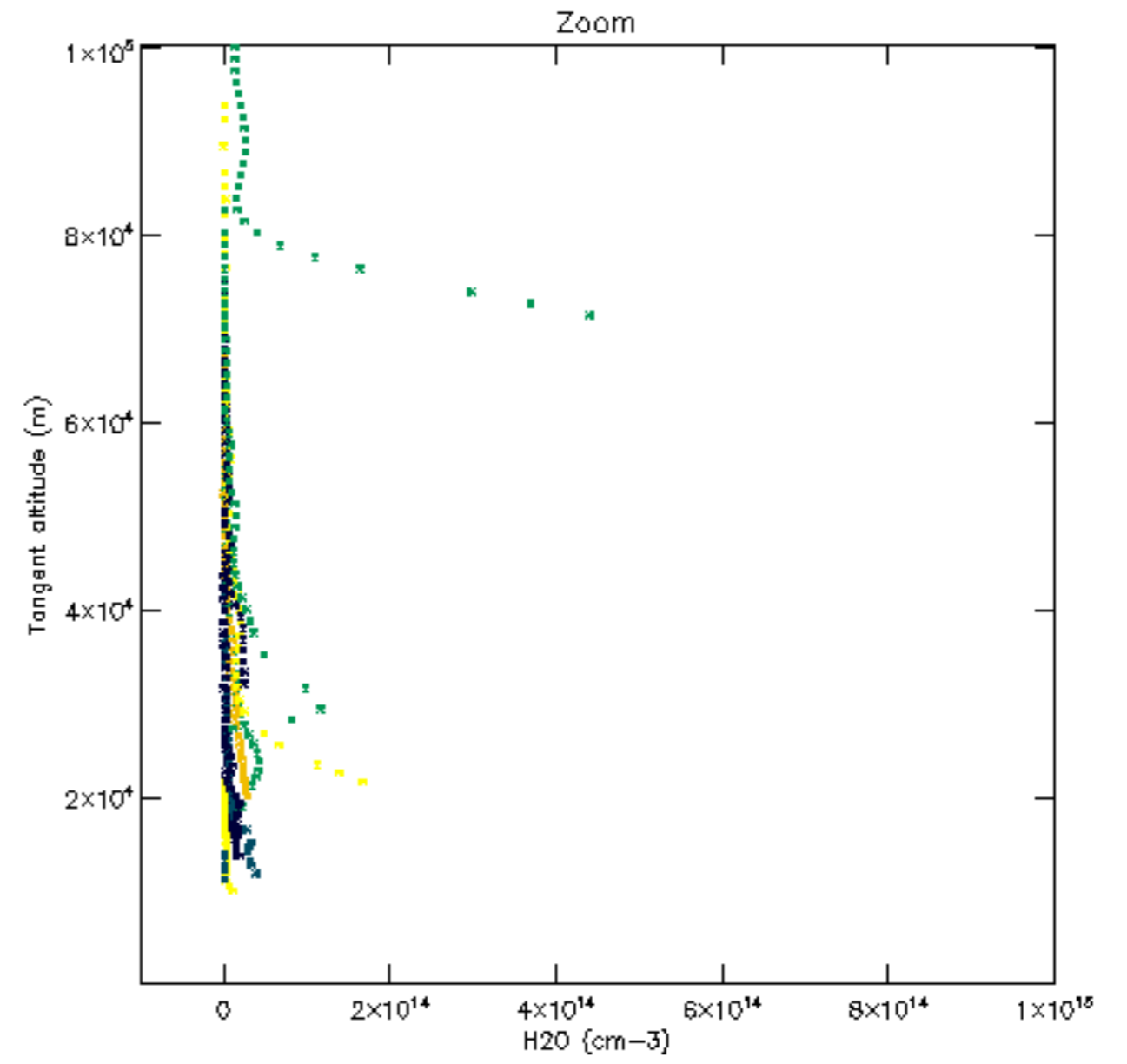
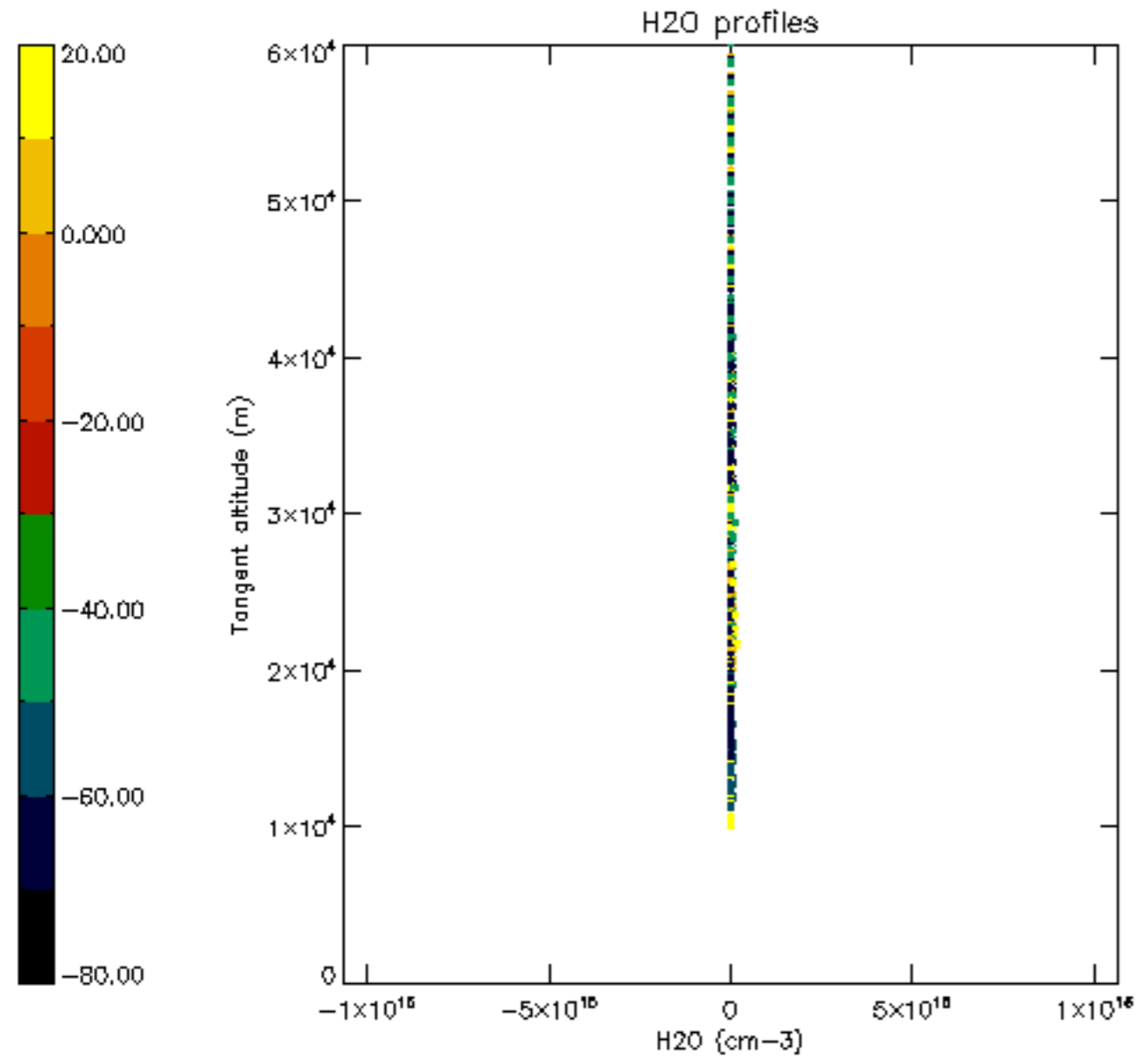


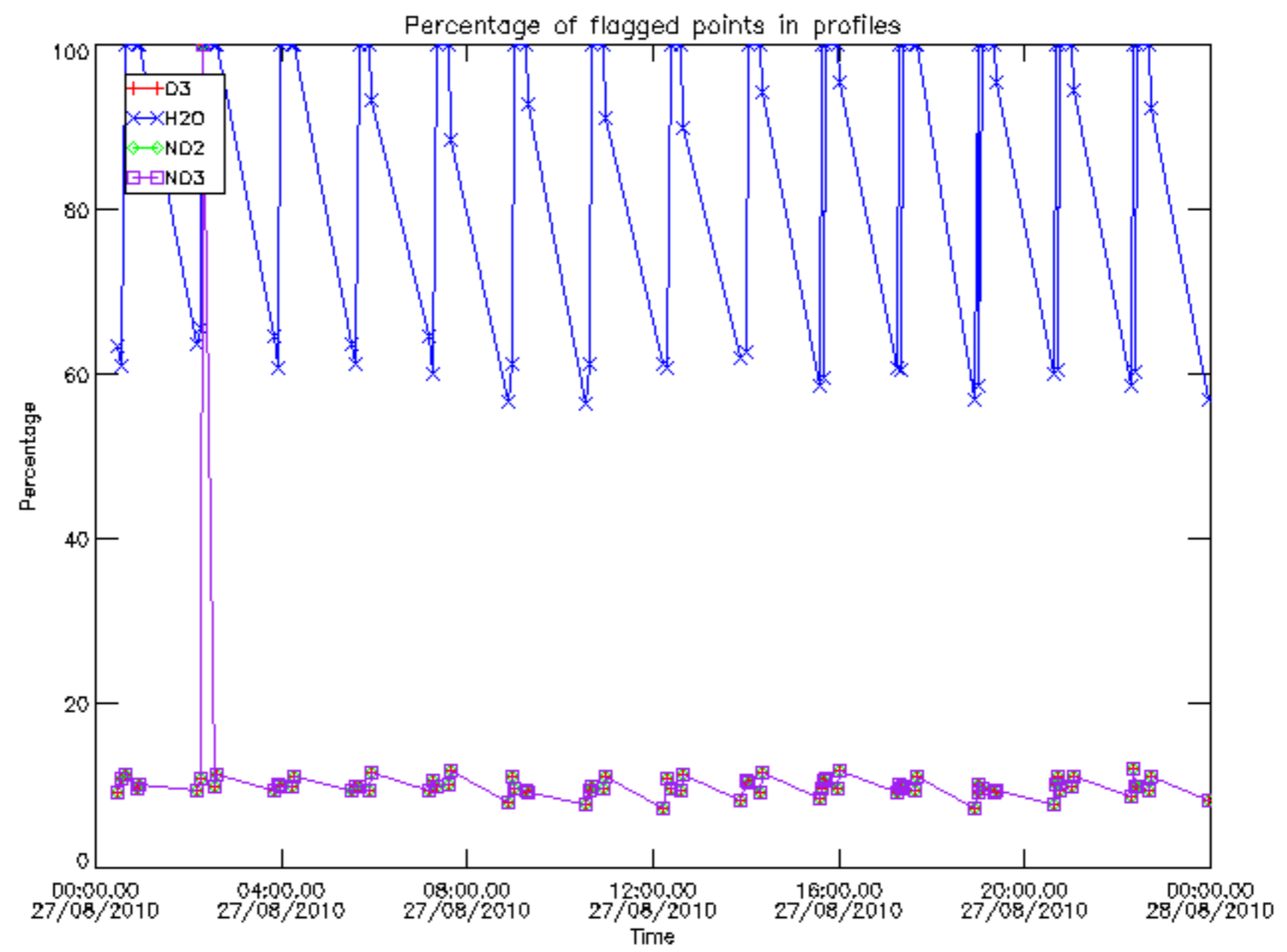




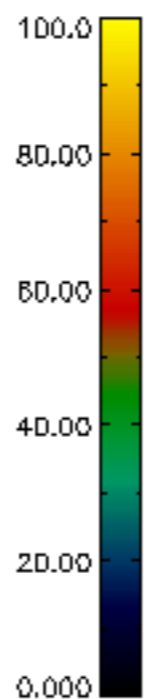
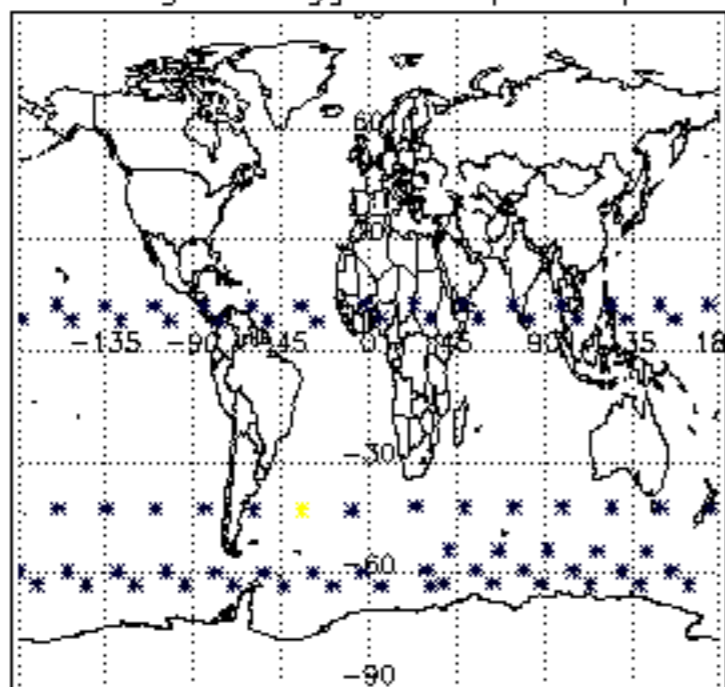




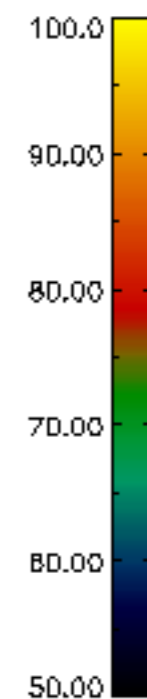
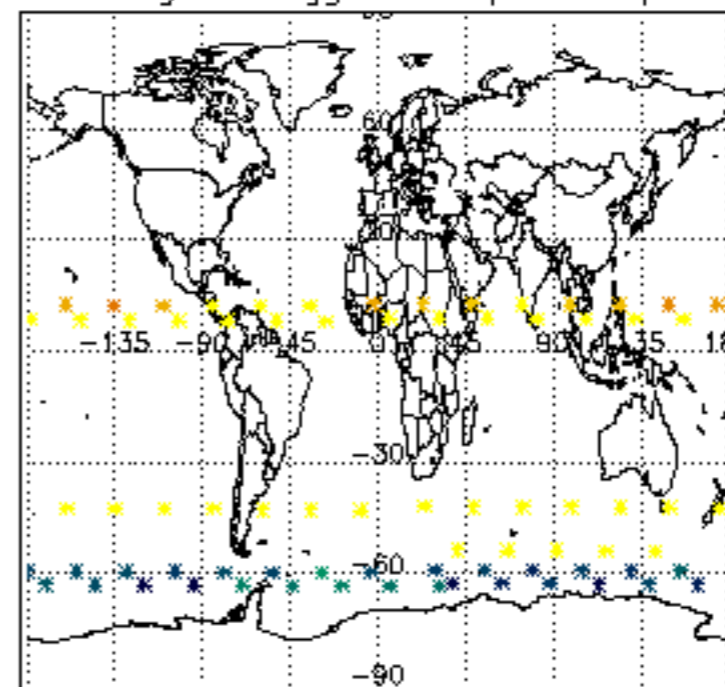




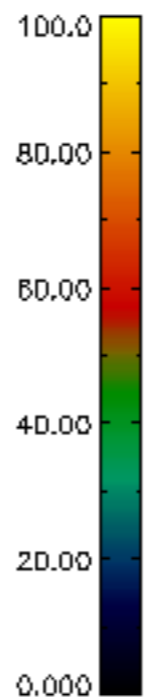
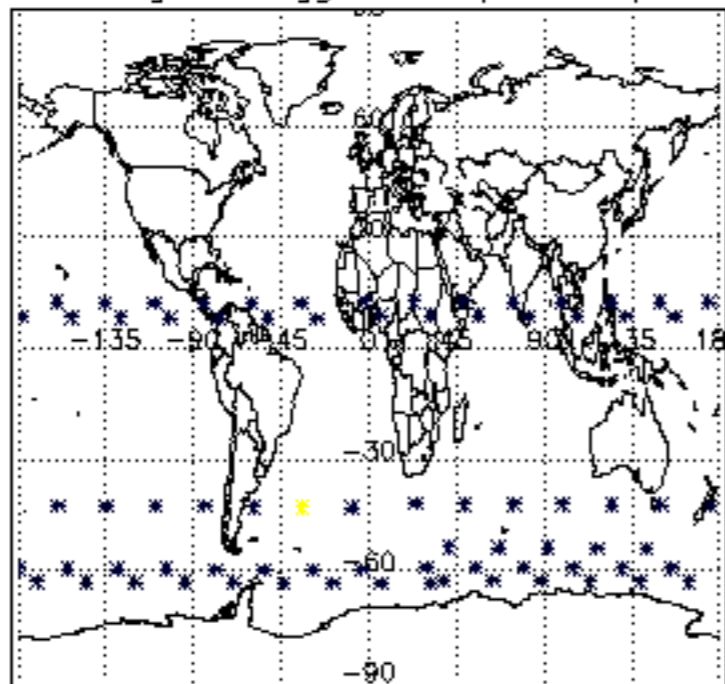
Percentage of flagged data per D3 profile



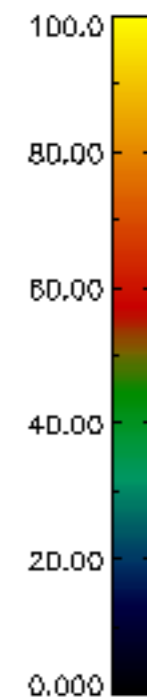
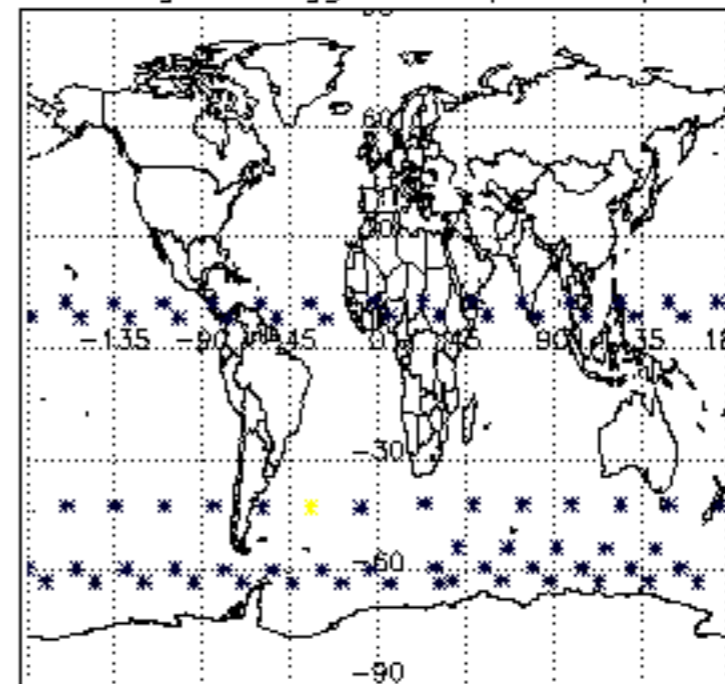
Percentage of flagged data per H2O profile

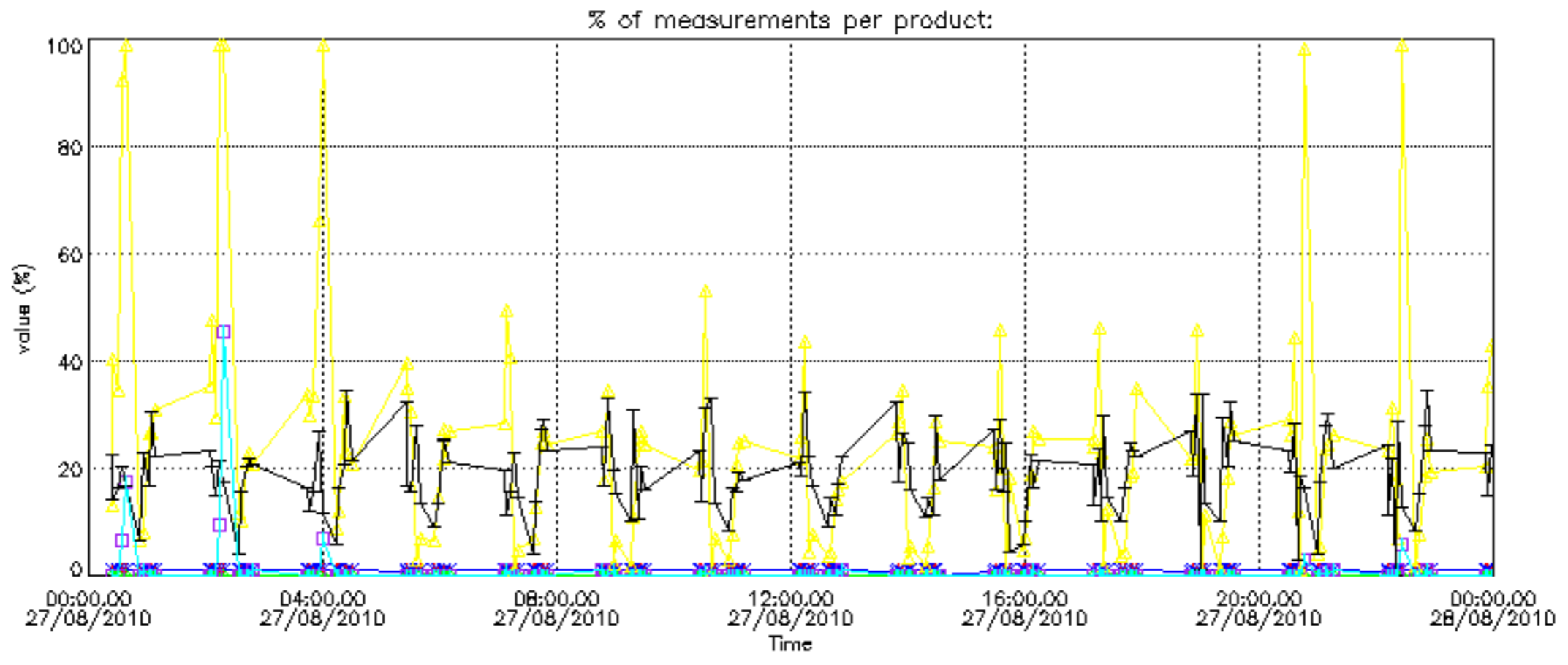


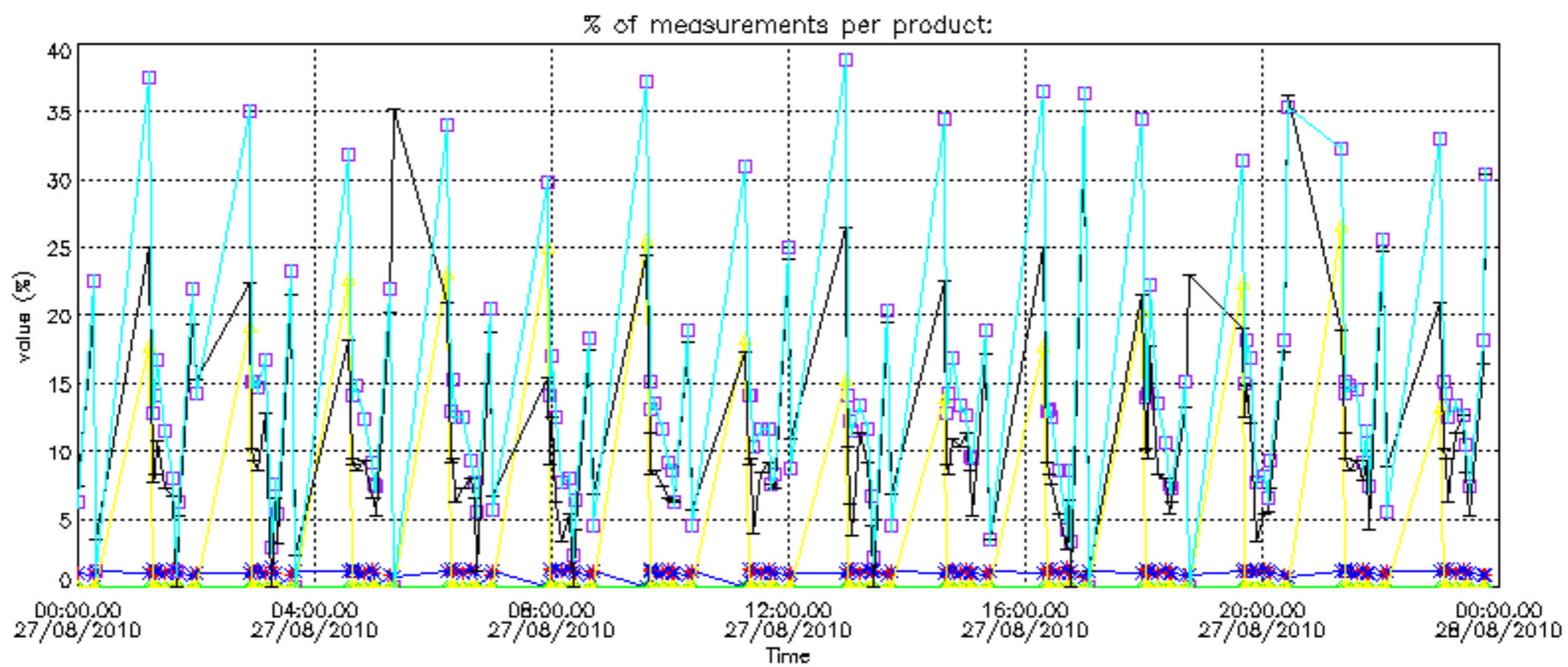
Percentage of flagged data per NO2 profile



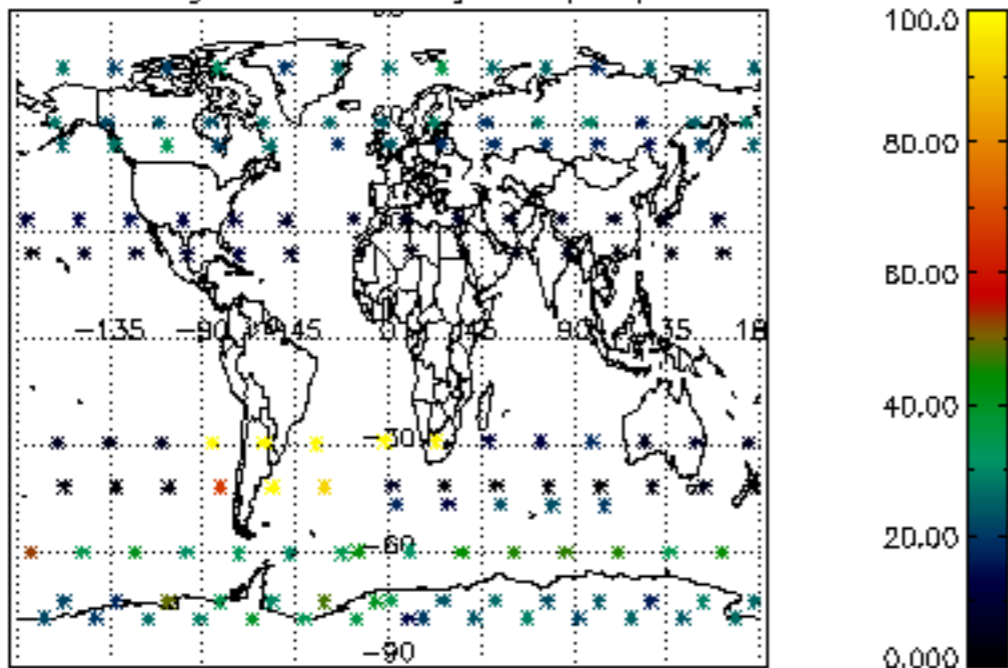
Percentage of flagged data per NO3 profile



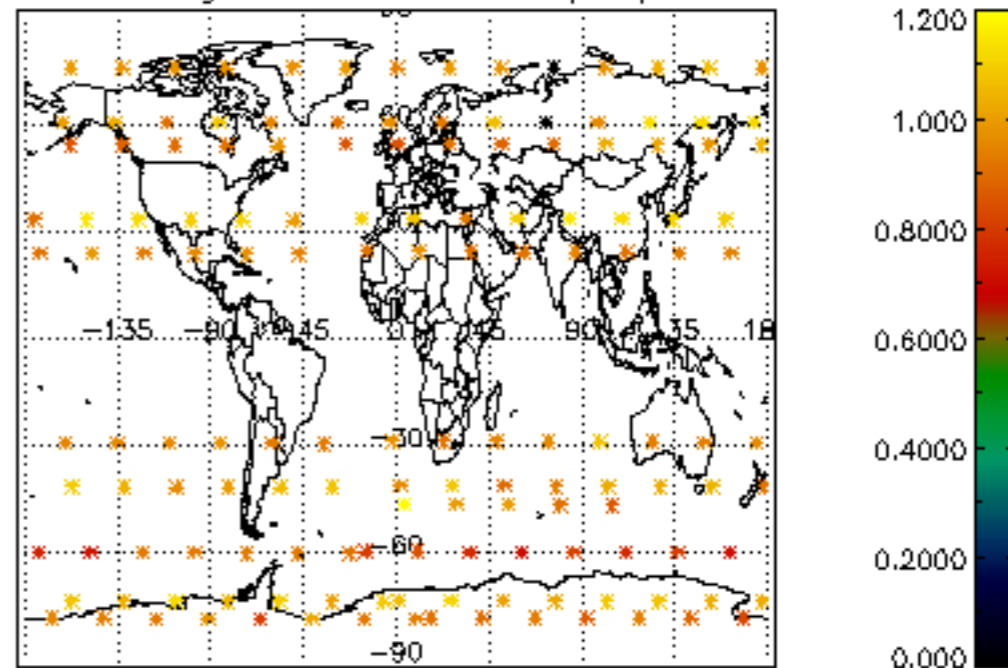




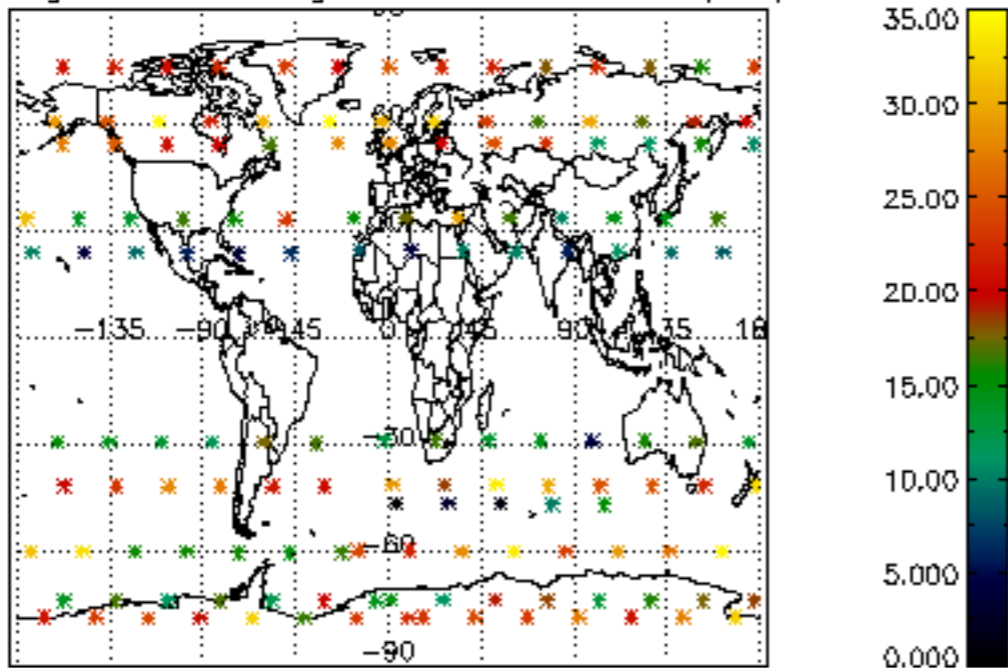
Percentage of cosmic ray hits per profile



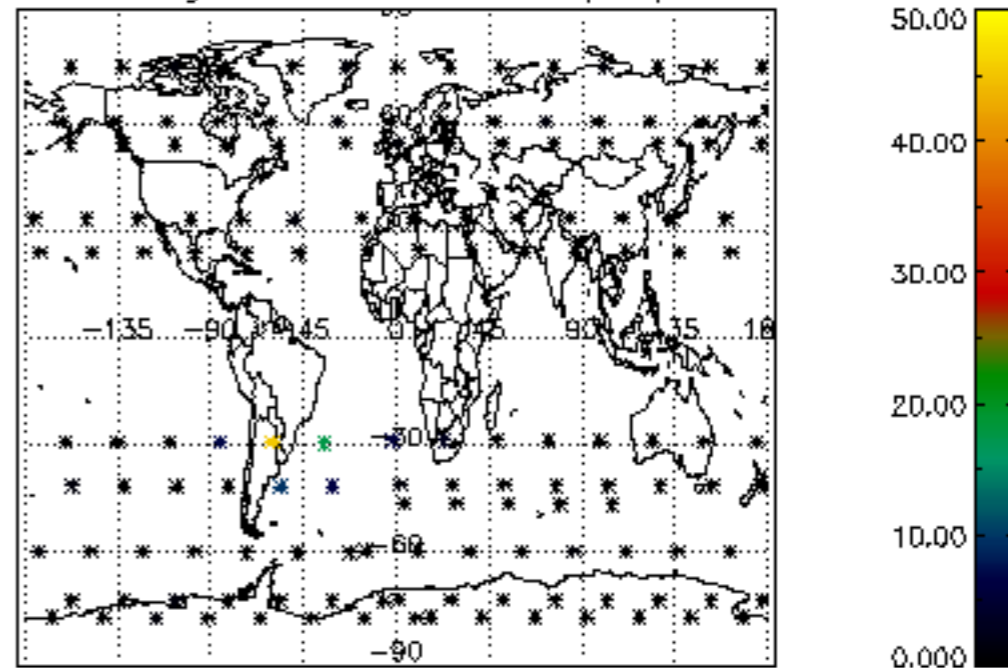
Percentage of datation errors per profile



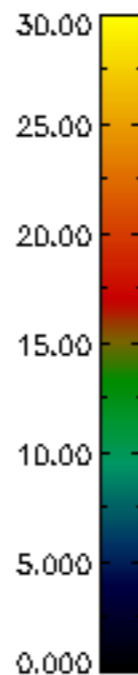
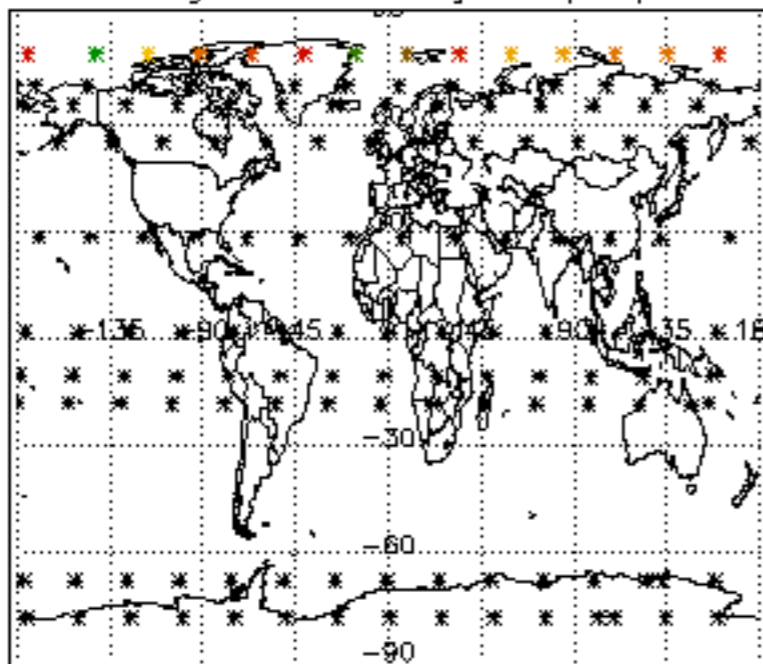
Percentage of star falling outside central band per profile



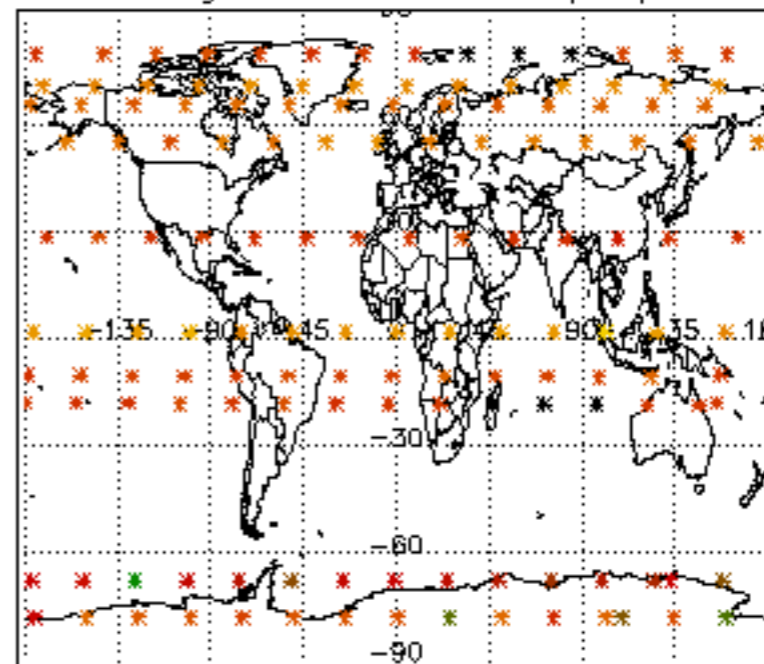
Percentage of saturation errors per profile



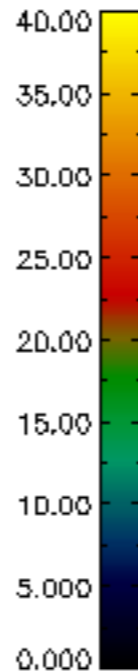
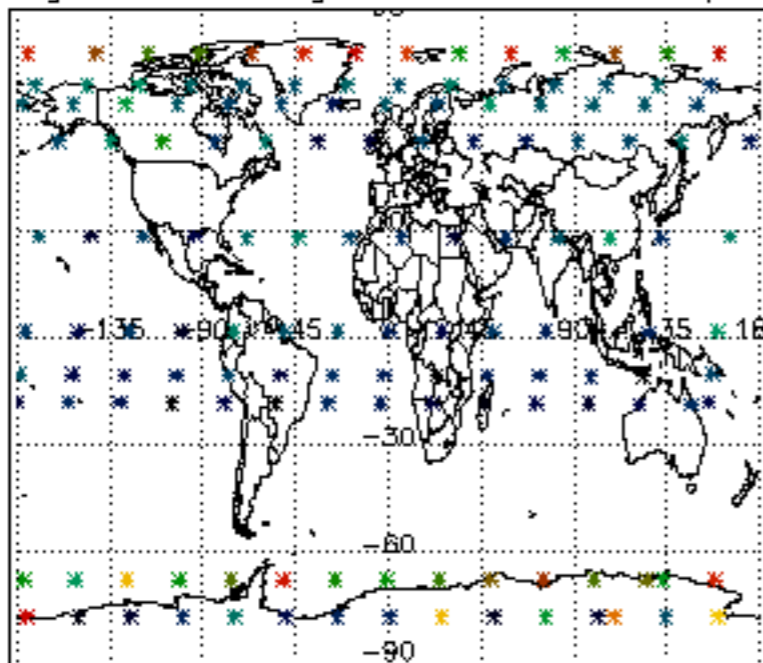
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

