

# 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	26APR2013 14:39:02
Data source version	GOMOS/6.01
Start time of products	05-12-2009 (05DEC2009 00:00:00)
Stop time of products	06-12-2009 (06DEC2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	328
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__2PRFIN20091205_000322_000000562084_00460_40594_4669.N1	05-DEC-2009 00:03:22	Straylight	55.500	7	19Bet Ori	0.10000	14000.	111	40594	No
2	GOM_NL__2PRFIN20091205_000607_000000602084_00460_40594_4670.N1	05-DEC-2009 00:06:07	Twilight_stray	59.500	30	46Eps Ori	1.6940	30000.	119	40594	No
3	GOM_NL__2PRFIN20091205_000843_000000572084_00460_40594_4671.N1	05-DEC-2009 00:08:43	Twilight_stray	56.500	27	24Gam Ori	1.6360	26000.	113	40594	No
4	GOM_NL__2PRFIN20091205_001107_000000602084_00460_40594_4672.N1	05-DEC-2009 00:11:07	Bright	60.000	13	87Alp Tau	0.86700	3800.0	120	40594	No
5	GOM_NL__2PRFIN20091205_001513_000000372084_00460_40594_4673.N1	05-DEC-2009 00:15:13	Bright	36.500	150	44Zet Per	2.8900	28000.	73	40594	No
6	GOM_NL__2PRFIN20091205_001646_000000462084_00460_40594_4674.N1	05-DEC-2009 00:16:46	Bright	45.500	114	31ot Aur	2.6930	4600.0	91	40594	No
7	GOM_NL__2PRFIN20091205_002106_000000502084_00460_40594_4675.N1	05-DEC-2009 00:21:06	Bright	49.500	6	13Alp Aur	0.080000	3400.0	99	40594	No
8	GOM_NL__2PRFIN20091205_002239_000000502084_00460_40594_4676.N1	05-DEC-2009 00:22:39	Bright	50.000	42	34Bet Aur	1.9000	10200.	100	40594	No
9	GOM_NL__2PRFIN20091205_003733_000000442084_00460_40594_4677.N1	05-DEC-2009 00:37:33	Bright	44.000	36	50Alp UMa	1.8000	6300.0	88	40594	No
10	GOM_NL__2PRFIN20091205_003907_000000472084_00460_40594_4678.N1	05-DEC-2009 00:39:07	Bright	47.000	82	48Bet UMa	2.3650	10600.	94	40594	No
11	GOM_NL__2PRFIN20091205_004101_000000582084_00460_40594_4679.N1	05-DEC-2009 00:41:01	Bright	58.000	32	77Eps UMa	1.7630	11000.	116	40594	No
12	GOM_NL__2PRFIN20091205_004313_000000362084_00460_40594_4680.N1	05-DEC-2009 00:43:13	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	40594	No
13	GOM_NL__2PRFIN20091205_004644_000000602084_00460_40594_4681.N1	05-DEC-2009 00:46:44	Bright	60.000	152	12Alp2CVn	2.8900	11000.	120	40594	No
14	GOM_NL__2PRFIN20091205_005536_000000612084_00460_40594_4682.N1	05-DEC-2009 00:55:36	Bright	61.000	138	47Eps Vir	2.8280	4700.0	122	40594	No
15	GOM_NL__2PRFIN20091205_010009_000000452084_00460_40594_4683.N1	05-DEC-2009 01:00:09	Bright	45.000	121	29Gam Vir	2.7400	7200.0	90	40594	No
16	GOM_NL__2PRFIN20091205_010738_000000512084_00460_40594_4684.N1	05-DEC-2009 01:07:38	Dark	51.000	171	2Eps Crv	3.0010	4250.0	102	40594	No
17	GOM_NL__2PRFIN20091205_011702_000000532084_00461_40595_4672.N1	05-DEC-2009 01:17:02	Dark	53.000	113	Mu Vel	2.6920	5000.0	106	40595	No
18	GOM_NL__2PRFIN20091205_012543_000000492084_00461_40595_4673.N1	05-DEC-2009 01:25:43	Dark	49.000	34	Gam2Vel	1.7930	23000.	98	40595	No
19	GOM_NL__2PRFIN20091205_012844_000000482084_00461_40595_4674.N1	05-DEC-2009 01:28:44	Dark	47.500	2	Alp Car	-0.73600	7000.0	95	40595	No
20	GOM_NL__2PRFIN20091205_013054_000000612084_00461_40595_4675.N1	05-DEC-2009 01:30:54	Dark	60.500	117	Pi Pup	2.7060	3800.0	121	40595	No
21	GOM_NL__2PRFIN20091205_013433_000000642084_00461_40595_4676.N1	05-DEC-2009 01:34:33	Dark	63.500	23	21Eps CMa	1.5020	26000.	127	40595	No
22	GOM_NL__2PRFIN20091205_014032_000000522084_00461_40595_4677.N1	05-DEC-2009 01:40:32	Straylight	52.000	101	11Alp Lep	2.5820	7000.0	104	40595	No
23	GOM_NL__2PRFIN20091205_014358_000000572084_00461_40595_4678.N1	05-DEC-2009 01:43:58	Straylight	56.500	7	19Bet Ori	0.10000	14000.	113	40595	No
24	GOM_NL__2PRFIN20091205_014643_000000592084_00461_40595_4679.N1	05-DEC-2009 01:46:43	Twilight_stray	58.500	30	46Eps Ori	1.6940	30000.	117	40595	No
25	GOM_NL__2PRFIN20091205_014918_000000562084_00461_40595_4680.N1	05-DEC-2009 01:49:18	Twilight_stray	56.000	27	24Gam Ori	1.6360	26000.	112	40595	No
26	GOM_NL__2PRFIN20091205_015143_000000602084_00461_40595_4681.N1	05-DEC-2009 01:51:43	Bright	60.000	13	87Alp Tau	0.86700	3800.0	120	40595	No
27	GOM_NL__2PRFIN20091205_015548_000000372084_00461_40595_4682.N1	05-DEC-2009 01:55:48	Bright	37.000	150	44Zet Per	2.8900	28000.	74	40595	No
28	GOM_NL__2PRFIN20091205_015721_000000462084_00461_40595_4683.N1	05-DEC-2009 01:57:21	Bright	45.500	114	31ot Aur	2.6930	4600.0	91	40595	No
29	GOM_NL__2PRFIN20091205_020141_000000482084_00461_40595_4684.N1	05-DEC-2009 02:01:41	Bright	48.000	6	13Alp Aur	0.080000	3400.0	96	40595	No
30	GOM_NL__2PRFIN20091205_020314_000000492084_00461_40595_4685.N1	05-DEC-2009 02:03:14	Bright	48.500	42	34Bet Aur	1.9000	10200.	97	40595	No
31	GOM_NL__2PRFIN20091205_021808_000000462084_00461_40595_4686.N1	05-DEC-2009 02:18:08	Bright	45.500	36	50Alp UMa	1.8000	6300.0	91	40595	No
32	GOM_NL__2PRFIN20091205_021942_000000692084_00461_40595_4687.N1	05-DEC-2009 02:19:42	Bright	69.000	82	48Bet UMa	2.3650	10600.	138	40595	No
33	GOM_NL__2PRFIN20091205_022137_000000432084_00461_40595_4688.N1	05-DEC-2009 02:21:37	Bright	42.500	32	77Eps UMa	1.7630	11000.	85	40595	No
34	GOM_NL__2PRFIN20091205_022349_000000362084_00461_40595_4689.N1	05-DEC-2009 02:23:49	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	40595	No
35	GOM_NL__2PRFIN20091205_022719_000000402084_00461_40595_4690.N1	05-DEC-2009 02:27:19	Bright	39.500	152	12Alp2CVn	2.8900	11000.	79	40595	No
36	GOM_NL__2PRFIN20091205_023612_000000612084_00461_40595_4691.N1	05-DEC-2009 02:36:12	Bright	61.000	138	47Eps Vir	2.8280	4700.0	122	40595	No
37	GOM_NL__2PRFIN20091205_024046_000000502084_00461_40595_4692.N1	05-DEC-2009 02:40:46	Bright	49.500	121	29Gam Vir	2.7400	7200.0	99	40595	No
38	GOM_NL__2PRFIN20091205_024815_000000522084_00461_40595_4693.N1	05-DEC-2009 02:48:15	Dark	51.500	171	2Eps Crv	3.0010	4250.0	103	40595	No
39	GOM_NL__2PRFIN20091205_025739_000000432084_00462_40596_4681.N1	05-DEC-2009 02:57:39	Dark	43.000	113	Mu Vel	2.6920	5000.0	86	40596	No
40	GOM_NL__2PRFIN20091205_030620_000000472084_00462_40596_4682.N1	05-DEC-2009 03:06:20	Dark	47.000	34	Gam2Vel	1.7930	23000.	94	40596	No
41	GOM_NL__2PRFIN20091205_030921_000000462084_00462_40596_4683.N1	05-DEC-2009 03:09:21	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	40596	No
42	GOM_NL__2PRFIN20091205_031130_000000582084_00462_40596_4684.N1	05-DEC-2009 03:11:30	Dark	58.000	117	Pi Pup	2.7060	3800.0	116	40596	No

43	GOM_NL__2PRFIN20091205_031510_000000642084_00462_40596_4685.N1	05-DEC-2009 03:15:10	Dark	63.500	23	21Eps CMa	1.5020	26000.	127	40596	No
44	GOM_NL__2PRFIN20091205_032108_000000512084_00462_40596_4686.N1	05-DEC-2009 03:21:08	Straylight	50.500	101	11Alp Lep	2.5820	7000.0	101	40596	No
45	GOM_NL__2PRFIN20091205_032433_000000552084_00462_40596_4687.N1	05-DEC-2009 03:24:33	Straylight	55.000	7	19Bet Ori	0.10000	14000.	110	40596	No
46	GOM_NL__2PRFIN20091205_032718_000000582084_00462_40596_4688.N1	05-DEC-2009 03:27:18	Tw_i_and_stray	58.000	30	46Eps Ori	1.6940	30000.	116	40596	No
47	GOM_NL__2PRFIN20091205_032954_000000592084_00462_40596_4689.N1	05-DEC-2009 03:29:54	Tw_i_and_stray	58.500	27	24Gam Ori	1.6360	26000.	117	40596	No
48	GOM_NL__2PRFIN20091205_033219_000000592084_00462_40596_4690.N1	05-DEC-2009 03:32:19	Bright	59.000	13	87Alp Tau	0.86700	3800.0	118	40596	No
49	GOM_NL__2PRFIN20091205_033624_000000392084_00462_40596_4691.N1	05-DEC-2009 03:36:24	Bright	39.000	150	44Zet Per	2.8900	28000.	78	40596	No
50	GOM_NL__2PRFIN20091205_033757_000000452084_00462_40596_4692.N1	05-DEC-2009 03:37:57	Bright	45.000	114	3lot Aur	2.6930	4600.0	90	40596	No
51	GOM_NL__2PRFIN20091205_034216_000000452084_00462_40596_4693.N1	05-DEC-2009 03:42:16	Bright	44.500	6	13Alp Aur	0.080000	3400.0	89	40596	No
52	GOM_NL__2PRFIN20091205_034349_000000492084_00462_40596_4694.N1	05-DEC-2009 03:43:49	Bright	48.500	42	34Bet Aur	1.9000	10200.	97	40596	No
53	GOM_NL__2PRFIN20091205_035844_000000502084_00462_40596_4695.N1	05-DEC-2009 03:58:44	Bright	49.500	36	50Alp UMa	1.8000	6300.0	99	40596	No
54	GOM_NL__2PRFIN20091205_040018_000000462084_00462_40596_4696.N1	05-DEC-2009 04:00:18	Bright	46.000	82	48Bet UMa	2.3650	10600.	92	40596	No
55	GOM_NL__2PRFIN20091205_040213_000000392084_00462_40596_4697.N1	05-DEC-2009 04:02:13	Bright	39.000	32	77Eps UMa	1.7630	11000.	78	40596	No
56	GOM_NL__2PRFIN20091205_040425_000000392084_00462_40596_4698.N1	05-DEC-2009 04:04:25	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	40596	No
57	GOM_NL__2PRFIN20091205_040756_000000412084_00462_40596_4699.N1	05-DEC-2009 04:07:56	Bright	41.000	152	12Alp2CVn	2.8900	11000.	82	40596	No
58	GOM_NL__2PRFIN20091205_041649_000000402084_00462_40596_4700.N1	05-DEC-2009 04:16:49	Bright	39.500	138	47Eps Vir	2.8280	4700.0	79	40596	No
59	GOM_NL__2PRFIN20091205_042122_000000522084_00462_40596_4701.N1	05-DEC-2009 04:21:22	Bright	51.500	121	29Gam Vir	2.7400	7200.0	103	40596	No
60	GOM_NL__2PRFIN20091205_042716_000000512084_00462_40596_4702.N1	05-DEC-2009 04:27:16	Dark	51.000	100	4Gam Crv	2.5800	13100.	102	40596	No
61	GOM_NL__2PRFIN20091205_042852_000000542084_00462_40596_4703.N1	05-DEC-2009 04:28:52	Dark	54.000	171	2Eps Crv	3.0010	4250.0	108	40596	No
62	GOM_NL__2PRFIN20091205_043816_000000442084_00463_40597_4690.N1	05-DEC-2009 04:38:16	Dark	43.500	113	Mu Vel	2.6920	5000.0	87	40597	No
63	GOM_NL__2PRFIN20091205_044657_000000522084_00463_40597_4691.N1	05-DEC-2009 04:46:57	Dark	51.500	34	Gam2Vel	1.7930	23000.	103	40597	No
64	GOM_NL__2PRFIN20091205_044957_000000572084_00463_40597_4692.N1	05-DEC-2009 04:49:57	Dark	57.000	2	Alp Car	-0.73600	7000.0	114	40597	No
65	GOM_NL__2PRFIN20091205_045207_000000592084_00463_40597_4693.N1	05-DEC-2009 04:52:07	Dark	58.500	117	Pi Pup	2.7060	3800.0	117	40597	No
66	GOM_NL__2PRFIN20091205_045546_000000612084_00463_40597_4694.N1	05-DEC-2009 04:55:46	Dark	61.000	23	21Eps CMa	1.5020	26000.	122	40597	No
67	GOM_NL__2PRFIN20091205_050144_000000512084_00463_40597_4695.N1	05-DEC-2009 05:01:44	Straylight	50.500	101	11Alp Lep	2.5820	7000.0	101	40597	No
68	GOM_NL__2PRFIN20091205_050509_000000532084_00463_40597_4696.N1	05-DEC-2009 05:05:09	Straylight	52.500	7	19Bet Ori	0.10000	14000.	105	40597	No
69	GOM_NL__2PRFIN20091205_050754_000000592084_00463_40597_4697.N1	05-DEC-2009 05:07:54	Straylight	58.500	30	46Eps Ori	1.6940	30000.	117	40597	No
70	GOM_NL__2PRFIN20091205_051029_000000592084_00463_40597_4698.N1	05-DEC-2009 05:10:29	Tw_i_and_stray	58.500	27	24Gam Ori	1.6360	26000.	117	40597	No
71	GOM_NL__2PRFIN20091205_051254_000000592084_00463_40597_4699.N1	05-DEC-2009 05:12:54	Bright	59.000	13	87Alp Tau	0.86700	3800.0	118	40597	No
72	GOM_NL__2PRFIN20091205_051700_000000382084_00463_40597_4700.N1	05-DEC-2009 05:17:00	Bright	38.000	150	44Zet Per	2.8900	28000.	76	40597	No
73	GOM_NL__2PRFIN20091205_051833_000000452084_00463_40597_4701.N1	05-DEC-2009 05:18:33	Bright	44.500	114	3lot Aur	2.6930	4600.0	89	40597	No
74	GOM_NL__2PRFIN20091205_052252_000000472084_00463_40597_4702.N1	05-DEC-2009 05:22:52	Bright	46.500	6	13Alp Aur	0.080000	3400.0	93	40597	No
75	GOM_NL__2PRFIN20091205_052424_000000492084_00463_40597_4703.N1	05-DEC-2009 05:24:24	Bright	49.000	42	34Bet Aur	1.9000	10200.	98	40597	No
76	GOM_NL__2PRFIN20091205_053919_000000552084_00463_40597_4704.N1	05-DEC-2009 05:39:19	Bright	55.000	36	50Alp UMa	1.8000	6300.0	110	40597	No
77	GOM_NL__2PRFIN20091205_054054_000000492084_00463_40597_4705.N1	05-DEC-2009 05:40:54	Bright	48.500	82	48Bet UMa	2.3650	10600.	97	40597	No
78	GOM_NL__2PRFIN20091205_054249_000000412084_00463_40597_4706.N1	05-DEC-2009 05:42:49	Bright	41.000	32	77Eps UMa	1.7630	11000.	82	40597	No
79	GOM_NL__2PRFIN20091205_054501_000000372084_00463_40597_4707.N1	05-DEC-2009 05:45:01	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	40597	No
80	GOM_NL__2PRFIN20091205_054831_000000392084_00463_40597_4708.N1	05-DEC-2009 05:48:31	Bright	38.500	152	12Alp2CVn	2.8900	11000.	77	40597	No
81	GOM_NL__2PRFIN20091205_055725_000000622084_00463_40597_4709.N1	05-DEC-2009 05:57:25	Bright	62.000	138	47Eps Vir	2.8280	4700.0	124	40597	No
82	GOM_NL__2PRFIN20091205_060159_000000522084_00463_40597_4710.N1	05-DEC-2009 06:01:59	Bright	51.500	121	29Gam Vir	2.7400	7200.0	103	40597	No
83	GOM_NL__2PRFIN20091205_060753_000000522084_00463_40597_4711.N1	05-DEC-2009 06:07:53	Dark	51.500	100	4Gam Crv	2.5800	13100.	103	40597	No
84	GOM_NL__2PRFIN20091205_060929_000000512084_00463_40597_4712.N1	05-DEC-2009 06:09:29	Dark	51.000	171	2Eps Crv	3.0010	4250.0	102	40597	No
85	GOM_NL__2PRFIN20091205_061853_000000452084_00464_40598_4700.N1	05-DEC-2009 06:18:53	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	40598	No
86	GOM_NL__2PRFIN20091205_062734_000000522084_00464_40598_4701.N1	05-DEC-2009 06:27:34	Dark	51.500	34	Gam2Vel	1.7930	23000.	103	40598	No
87	GOM_NL__2PRFIN20091205_063034_000000482084_00464_40598_4702.N1	05-DEC-2009 06:30:34	Dark	48.000	2	Alp Car	-0.73600	7000.0	96	40598	No
88	GOM_NL__2PRFIN20091205_063244_000000592084_00464_40598_4703.N1	05-DEC-2009 06:32:44	Dark	58.500	117	Pi Pup	2.7060	3800.0	117	40598	No
89	GOM_NL__2PRFIN20091205_063623_000000632084_00464_40598_4704.N1	05-DEC-2009 06:36:23	Dark	62.500	23	21Eps CMa	1.5020	26000.	125	40598	No
90	GOM_NL__2PRFIN20091205_064220_000000522084_00464_40598_4705.N1	05-DEC-2009 06:42:20	Straylight	51.500	101	11Alp Lep	2.5820	7000.0	103	40598	No
91	GOM_NL__2PRFIN20091205_064545_000000572084_00464_40598_4706.N1	05-DEC-2009 06:45:45	Straylight	56.500	7	19Bet Ori	0.10000	14000.	113	40598	No
92	GOM_NL__2PRFIN20091205_064829_000000582084_00464_40598_4707.N1	05-DEC-2009 06:48:29	Straylight	58.000	30	46Eps Ori	1.6940	30000.	116	40598	No
93	GOM_NL__2PRFIN20091205_065105_000000572084_00464_40598_4708.N1	05-DEC-2009 06:51:05	Tw_i_and_stray	57.000	27	24Gam Ori	1.6360	26000.	114	40598	No
94	GOM_NL__2PRFIN20091205_065330_000000552084_00464_40598_4709.N1	05-DEC-2009 06:53:30	Bright	55.000	13	87Alp Tau	0.86700	3800.0	110	40598	No
95	GOM_NL__2PRFIN20091205_065736_000000382084_00464_40598_4710.N1	05-DEC-2009 06:57:36	Bright	38.000	150	44Zet Per	2.8900	28000.	76	40598	No
96	GOM_NL__2PRFIN20091205_065908_000000462084_00464_40598_4711.N1	05-DEC-2009 06:59:08	Bright	45.500	114	3lot Aur	2.6930	4600.0	91	40598	No
97	GOM_NL__2PRFIN20091205_070327_000000482084_00464_40598_4712.N1	05-DEC-2009 07:03:27	Bright	48.000	6	13Alp Aur	0.080000	3400.0	96	40598	No
98	GOM_NL__2PRFIN20091205_070459_000000482084_00464_40598_4713.N1	05-DEC-2009 07:04:59	Bright	47.500	42	34Bet Aur	1.9000	10200.	95	40598	No
99	GOM_NL__2PRFIN20091205_071955_000000482084_00464_40598_4714.N1	05-DEC-2009 07:19:55	Bright	48.000	36	50Alp UMa	1.8000	6300.0	96	40598	No
100	GOM_NL__2PRFIN20091205_072129_000000502084_00464_40598_4715.N1	05-DEC-2009 07:21:29	Bright	49.500	82	48Bet UMa	2.3650	10600.	99	40598	No
101	GOM_NL__2PRFIN20091205_072325_000000392084_00464_40598_4716.N1	05-DEC-2009 07:23:25	Bright	39.000	32	77Eps UMa	1.7630	11000.	78	40598	No

102	GOM_NL__2PRFIN20091205_072537_000000362084_00464_40598_4717.N1	05-DEC-2009 07:25:37	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	40598	No
103	GOM_NL__2PRFIN20091205_072907_000000402084_00464_40598_4718.N1	05-DEC-2009 07:29:07	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	40598	No
104	GOM_NL__2PRFIN20091205_073801_000000412084_00464_40598_4719.N1	05-DEC-2009 07:38:01	Bright	40.500	138	47Eps Vir	2.8280	4700.0	81	40598	No
105	GOM_NL__2PRFIN20091205_074235_000000502084_00464_40598_4720.N1	05-DEC-2009 07:42:35	Bright	49.500	121	29Gam Vir	2.7400	7200.0	99	40598	No
106	GOM_NL__2PRFIN20091205_074830_000000542084_00464_40598_4721.N1	05-DEC-2009 07:48:30	Dark	54.000	100	4Gam Crv	2.5800	13100.	108	40598	No
107	GOM_NL__2PRFIN20091205_075006_000000522084_00464_40598_4722.N1	05-DEC-2009 07:50:06	Dark	51.500	171	2Eps Crv	3.0010	4250.0	103	40598	No
108	GOM_NL__2PRFIN20091205_075930_000000452084_00465_40599_4708.N1	05-DEC-2009 07:59:30	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	40599	No
109	GOM_NL__2PRFIN20091205_080811_000000552084_00465_40599_4709.N1	05-DEC-2009 08:08:11	Dark	54.500	34	Gam2Vel	1.7930	23000.	109	40599	No
110	GOM_NL__2PRFIN20091205_081112_000000402084_00465_40599_4710.N1	05-DEC-2009 08:11:12	Dark	40.000	2	Alp Car	-0.73600	7000.0	80	40599	No
111	GOM_NL__2PRFIN20091205_081320_000000572084_00465_40599_4711.N1	05-DEC-2009 08:13:20	Dark	57.000	117	Pi Pup	2.7060	3800.0	114	40599	No
112	GOM_NL__2PRFIN20091205_081659_000000622084_00465_40599_4712.N1	05-DEC-2009 08:16:59	Dark	62.000	23	21Eps CMa	1.5020	26000.	124	40599	No
113	GOM_NL__2PRFIN20091205_082257_000000522084_00465_40599_4713.N1	05-DEC-2009 08:22:57	Straylight	52.000	101	11Alp Lep	2.5820	7000.0	104	40599	No
114	GOM_NL__2PRFIN20091205_082621_000000542084_00465_40599_4714.N1	05-DEC-2009 08:26:21	Straylight	54.000	7	19Bet Ori	0.10000	14000.	108	40599	No
115	GOM_NL__2PRFIN20091205_082905_000000592084_00465_40599_4715.N1	05-DEC-2009 08:29:05	Straylight	59.000	30	46Eps Ori	1.6940	30000.	118	40599	No
116	GOM_NL__2PRFIN20091205_083140_000000582084_00465_40599_4716.N1	05-DEC-2009 08:31:40	Twi_and_stray	57.500	27	24Gam Ori	1.6360	26000.	115	40599	No
117	GOM_NL__2PRFIN20091205_083406_000000592084_00465_40599_4717.N1	05-DEC-2009 08:34:06	Bright	59.000	13	87Alp Tau	0.86700	3800.0	118	40599	No
118	GOM_NL__2PRFIN20091205_083811_000000382084_00465_40599_4718.N1	05-DEC-2009 08:38:11	Bright	37.500	150	44Zet Per	2.8900	28000.	75	40599	No
119	GOM_NL__2PRFIN20091205_083944_000000462084_00465_40599_4719.N1	05-DEC-2009 08:39:44	Bright	45.500	114	3Iot Aur	2.6930	4600.0	91	40599	No
120	GOM_NL__2PRFIN20091205_084403_000000632084_00465_40599_4720.N1	05-DEC-2009 08:44:03	Bright	63.000	6	13Alp Aur	0.080000	3400.0	126	40599	No
121	GOM_NL__2PRFIN20091205_084534_000000492084_00465_40599_4721.N1	05-DEC-2009 08:45:34	Bright	48.500	42	34Bet Aur	1.9000	10200.	97	40599	No
122	GOM_NL__2PRFIN20091205_090031_000000482084_00465_40599_4722.N1	05-DEC-2009 09:00:31	Bright	48.000	36	50Alp UMa	1.8000	6300.0	96	40599	No
123	GOM_NL__2PRFIN20091205_090205_000000482084_00465_40599_4723.N1	05-DEC-2009 09:02:05	Bright	48.000	82	48Bet UMa	2.3650	10600.	96	40599	No
124	GOM_NL__2PRFIN20091205_090400_000000422084_00465_40599_4724.N1	05-DEC-2009 09:04:00	Bright	42.000	32	77Eps UMa	1.7630	11000.	84	40599	No
125	GOM_NL__2PRFIN20091205_090613_000000382084_00465_40599_4725.N1	05-DEC-2009 09:06:13	Bright	38.000	39	85Eta UMa	1.8540	24000.	76	40599	No
126	GOM_NL__2PRFIN20091205_090943_000000612084_00465_40599_4726.N1	05-DEC-2009 09:09:43	Bright	61.000	152	12Alp2CVn	2.8900	11000.	122	40599	No
127	GOM_NL__2PRFIN20091205_091838_000000582084_00465_40599_4727.N1	05-DEC-2009 09:18:38	Bright	58.000	138	47Eps Vir	2.8280	4700.0	116	40599	No
128	GOM_NL__2PRFIN20091205_092312_000000662084_00465_40599_4728.N1	05-DEC-2009 09:23:12	Bright	65.500	121	29Gam Vir	2.7400	7200.0	131	40599	No
129	GOM_NL__2PRFIN20091205_092906_000000492084_00465_40599_4729.N1	05-DEC-2009 09:29:06	Dark	49.000	100	4Gam Crv	2.5800	13100.	98	40599	No
130	GOM_NL__2PRFIN20091205_093043_000000492084_00465_40599_4730.N1	05-DEC-2009 09:30:43	Dark	48.500	171	2Eps Crv	3.0010	4250.0	97	40599	No
131	GOM_NL__2PRFIN20091205_094006_000000442084_00466_40600_4717.N1	05-DEC-2009 09:40:06	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	40600	No
132	GOM_NL__2PRFIN20091205_094847_000000492084_00466_40600_4718.N1	05-DEC-2009 09:48:47	Dark	48.500	34	Gam2Vel	1.7930	23000.	97	40600	No
133	GOM_NL__2PRFIN20091205_095042_000000552084_00466_40600_4719.N1	05-DEC-2009 09:50:42	Dark	55.000	70	Zet Pup	2.2460	39000.	110	40600	No
134	GOM_NL__2PRFIN20091205_095357_000000542084_00466_40600_4720.N1	05-DEC-2009 09:53:57	Dark	54.000	117	Pi Pup	2.7060	3800.0	108	40600	No
135	GOM_NL__2PRFIN20091205_095736_000000622084_00466_40600_4721.N1	05-DEC-2009 09:57:36	Dark	61.500	23	21Eps CMa	1.5020	26000.	123	40600	No
136	GOM_NL__2PRFIN20091205_100332_000000522084_00466_40600_4722.N1	05-DEC-2009 10:03:32	Straylight	51.500	101	11Alp Lep	2.5820	7000.0	103	40600	No
137	GOM_NL__2PRFIN20091205_100657_000000562084_00466_40600_4723.N1	05-DEC-2009 10:06:57	Straylight	56.000	7	19Bet Ori	0.10000	14000.	112	40600	No
138	GOM_NL__2PRFIN20091205_100941_000000562084_00466_40600_4724.N1	05-DEC-2009 10:09:41	Straylight	56.000	30	46Eps Ori	1.6940	30000.	112	40600	No
139	GOM_NL__2PRFIN20091205_101216_000000562084_00466_40600_4725.N1	05-DEC-2009 10:12:16	Twi_and_stray	56.000	27	24Gam Ori	1.6360	26000.	112	40600	No
140	GOM_NL__2PRFIN20091205_101442_000000522084_00466_40600_4726.N1	05-DEC-2009 10:14:42	Bright	52.000	13	87Alp Tau	0.86700	3800.0	104	40600	No
141	GOM_NL__2PRFIN20091205_101847_000000382084_00466_40600_4727.N1	05-DEC-2009 10:18:47	Bright	37.500	150	44Zet Per	2.8900	28000.	75	40600	No
142	GOM_NL__2PRFIN20091205_102019_000000632084_00466_40600_4728.N1	05-DEC-2009 10:20:19	Bright	63.000	114	3Iot Aur	2.6930	4600.0	126	40600	No
143	GOM_NL__2PRFIN20091205_102438_000000492084_00466_40600_4729.N1	05-DEC-2009 10:24:38	Bright	48.500	6	13Alp Aur	0.080000	3400.0	97	40600	No
144	GOM_NL__2PRFIN20091205_102609_000000492084_00466_40600_4730.N1	05-DEC-2009 10:26:09	Bright	48.500	42	34Bet Aur	1.9000	10200.	97	40600	No
145	GOM_NL__2PRFIN20091205_104106_000000502084_00466_40600_4731.N1	05-DEC-2009 10:41:06	Bright	49.500	36	50Alp UMa	1.8000	6300.0	99	40600	No
146	GOM_NL__2PRFIN20091205_104240_000000462084_00466_40600_4732.N1	05-DEC-2009 10:42:40	Bright	46.000	82	48Bet UMa	2.3650	10600.	92	40600	No
147	GOM_NL__2PRFIN20091205_104436_000000422084_00466_40600_4733.N1	05-DEC-2009 10:44:36	Bright	42.000	32	77Eps UMa	1.7630	11000.	84	40600	No
148	GOM_NL__2PRFIN20091205_104649_000000412084_00466_40600_4734.N1	05-DEC-2009 10:46:49	Bright	41.000	39	85Eta UMa	1.8540	24000.	82	40600	No
149	GOM_NL__2PRFIN20091205_105019_000000532084_00466_40600_4735.N1	05-DEC-2009 10:50:19	Bright	53.000	152	12Alp2CVn	2.8900	11000.	106	40600	No
150	GOM_NL__2PRFIN20091205_105914_000000622084_00466_40600_4736.N1	05-DEC-2009 10:59:14	Bright	62.000	138	47Eps Vir	2.8280	4700.0	124	40600	No
151	GOM_NL__2PRFIN20091205_110349_000000522084_00466_40600_4737.N1	05-DEC-2009 11:03:49	Bright	51.500	121	29Gam Vir	2.7400	7200.0	103	40600	No
152	GOM_NL__2PRFIN20091205_110943_000000522084_00466_40600_4738.N1	05-DEC-2009 11:09:43	Dark	51.500	100	4Gam Crv	2.5800	13100.	103	40600	No
153	GOM_NL__2PRFIN20091205_111119_000000532084_00466_40600_4739.N1	05-DEC-2009 11:11:19	Dark	52.500	171	2Eps Crv	3.0010	4250.0	105	40600	No
154	GOM_NL__2PRFIN20091205_112043_000000442084_00467_40601_4747.N1	05-DEC-2009 11:20:43	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	40601	No
155	GOM_NL__2PRFIN20091205_112924_000000572084_00467_40601_4748.N1	05-DEC-2009 11:29:24	Dark	56.500	34	Gam2Vel	1.7930	23000.	113	40601	No
156	GOM_NL__2PRFIN20091205_113119_000000522084_00467_40601_4749.N1	05-DEC-2009 11:31:19	Dark	51.500	70	Zet Pup	2.2460	39000.	103	40601	No
157	GOM_NL__2PRFIN20091205_113434_000000612084_00467_40601_4750.N1	05-DEC-2009 11:34:34	Dark	61.000	117	Pi Pup	2.7060	3800.0	122	40601	No
158	GOM_NL__2PRFIN20091205_113812_000000632084_00467_40601_4751.N1	05-DEC-2009 11:38:12	Dark	63.000	23	21Eps CMa	1.5020	26000.	126	40601	No
159	GOM_NL__2PRFIN20091205_114409_000000512084_00467_40601_4752.N1	05-DEC-2009 11:44:09	Straylight	50.500	101	11Alp Lep	2.5820	7000.0	101	40601	No
160	GOM_NL__2PRFIN20091205_114733_000000552084_00467_40601_4753.N1	05-DEC-2009 11:47:33	Straylight	54.500	7	19Bet Ori	0.10000	14000.	109	40601	No



161	GOM_NL__2PRFIN20091205_115016_000000572084_00467_40601_4754.N1	05-DEC-2009 11:50:16	Straylight	56.500	30	46Eps Ori	1.6940	30000.	113	40601	No
162	GOM_NL__2PRFIN20091205_115251_000000552084_00467_40601_4755.N1	05-DEC-2009 11:52:51	Tw_i_and_stray	54.500	27	24Gam Ori	1.6360	26000.	109	40601	No
163	GOM_NL__2PRFIN20091205_115517_000000592084_00467_40601_4756.N1	05-DEC-2009 11:55:17	Bright	59.000	13	87Alp Tau	0.86700	3800.0	118	40601	No
164	GOM_NL__2PRFIN20091205_115923_000000372084_00467_40601_4757.N1	05-DEC-2009 11:59:23	Bright	36.500	150	44Zet Per	2.8900	28000.	73	40601	No
165	GOM_NL__2PRFIN20091205_120054_000000462084_00467_40601_4758.N1	05-DEC-2009 12:00:54	Bright	45.500	114	3Iot Aur	2.6930	4600.0	91	40601	No
166	GOM_NL__2PRFIN20091205_120513_000000502084_00467_40601_4759.N1	05-DEC-2009 12:05:13	Bright	49.500	6	13Alp Aur	0.080000	3400.0	99	40601	No
167	GOM_NL__2PRFIN20091205_120644_000000492084_00467_40601_4760.N1	05-DEC-2009 12:06:44	Bright	49.000	42	34Bet Aur	1.9000	10200.	98	40601	No
168	GOM_NL__2PRFIN20091205_122141_000000472084_00467_40601_4761.N1	05-DEC-2009 12:21:41	Bright	46.500	36	50Alp UMa	1.8000	6300.0	93	40601	No
169	GOM_NL__2PRFIN20091205_122316_000000492084_00467_40601_4762.N1	05-DEC-2009 12:23:16	Bright	48.500	82	48Bet UMa	2.3650	10600.	97	40601	No
170	GOM_NL__2PRFIN20091205_122512_000000382084_00467_40601_4763.N1	05-DEC-2009 12:25:12	Bright	37.500	32	77Eps UMa	1.7630	11000.	75	40601	No
171	GOM_NL__2PRFIN20091205_122725_000000352084_00467_40601_4764.N1	05-DEC-2009 12:27:25	Bright	35.000	39	85Eta UMa	1.8540	24000.	70	40601	No
172	GOM_NL__2PRFIN20091205_123055_000000562084_00467_40601_4765.N1	05-DEC-2009 12:30:55	Bright	55.500	152	12Alp2CVn	2.8900	11000.	111	40601	No
173	GOM_NL__2PRFIN20091205_123950_000000622084_00467_40601_4766.N1	05-DEC-2009 12:39:50	Bright	62.000	138	47Eps Vir	2.8280	4700.0	124	40601	No
174	GOM_NL__2PRFIN20091205_124425_000000552084_00467_40601_4767.N1	05-DEC-2009 12:44:25	Bright	54.500	121	29Gam Vir	2.7400	7200.0	109	40601	No
175	GOM_NL__2PRFIN20091205_125020_000000512084_00467_40601_4768.N1	05-DEC-2009 12:50:20	Dark	51.000	100	4Gam Crv	2.5800	13100.	102	40601	No
176	GOM_NL__2PRFIN20091205_125156_000000532084_00467_40601_4769.N1	05-DEC-2009 12:51:56	Dark	53.000	171	2Eps Crv	3.0010	4250.0	106	40601	No
177	GOM_NL__2PRFIN20091205_130120_000000462084_00468_40602_4756.N1	05-DEC-2009 13:01:20	Dark	46.000	113	Mu Vel	2.6920	5000.0	92	40602	No
178	GOM_NL__2PRFIN20091205_131001_000000562084_00468_40602_4757.N1	05-DEC-2009 13:10:01	Dark	56.000	34	Gam2Vel	1.7930	23000.	112	40602	No
179	GOM_NL__2PRFIN20091205_131155_000000542084_00468_40602_4758.N1	05-DEC-2009 13:11:55	Dark	53.500	70	Zet Pup	2.2460	39000.	107	40602	No
180	GOM_NL__2PRFIN20091205_131510_000000612084_00468_40602_4759.N1	05-DEC-2009 13:15:10	Dark	60.500	117	Pi Pup	2.7060	3800.0	121	40602	No
181	GOM_NL__2PRFIN20091205_131849_000000632084_00468_40602_4760.N1	05-DEC-2009 13:18:49	Dark	63.000	23	21Eps CMa	1.5020	26000.	126	40602	No
182	GOM_NL__2PRFIN20091205_132445_000000512084_00468_40602_4761.N1	05-DEC-2009 13:24:45	Straylight	50.500	101	11Alp Lep	2.5820	7000.0	101	40602	No
183	GOM_NL__2PRFIN20091205_132809_000000552084_00468_40602_4762.N1	05-DEC-2009 13:28:09	Straylight	55.000	7	19Bet Ori	0.10000	14000.	110	40602	No
184	GOM_NL__2PRFIN20091205_133052_000000572084_00468_40602_4763.N1	05-DEC-2009 13:30:52	Straylight	57.000	30	46Eps Ori	1.6940	30000.	114	40602	No
185	GOM_NL__2PRFIN20091205_133327_000000562084_00468_40602_4764.N1	05-DEC-2009 13:33:27	Tw_i_and_stray	56.000	27	24Gam Ori	1.6360	26000.	112	40602	No
186	GOM_NL__2PRFIN20091205_133553_000000592084_00468_40602_4765.N1	05-DEC-2009 13:35:53	Bright	59.000	13	87Alp Tau	0.86700	3800.0	118	40602	No
187	GOM_NL__2PRFIN20091205_133959_000000372084_00468_40602_4766.N1	05-DEC-2009 13:39:59	Bright	37.000	150	44Zet Per	2.8900	28000.	74	40602	No
188	GOM_NL__2PRFIN20091205_134130_000000442084_00468_40602_4767.N1	05-DEC-2009 13:41:30	Bright	43.500	114	3Iot Aur	2.6930	4600.0	87	40602	No
189	GOM_NL__2PRFIN20091205_134549_000000452084_00468_40602_4768.N1	05-DEC-2009 13:45:49	Bright	45.000	6	13Alp Aur	0.080000	3400.0	90	40602	No
190	GOM_NL__2PRFIN20091205_134720_000000492084_00468_40602_4769.N1	05-DEC-2009 13:47:20	Bright	49.000	42	34Bet Aur	1.9000	10200.	98	40602	No
191	GOM_NL__2PRFIN20091205_140217_000000452084_00468_40602_4770.N1	05-DEC-2009 14:02:17	Bright	45.000	36	50Alp UMa	1.8000	6300.0	90	40602	No
192	GOM_NL__2PRFIN20091205_140351_000000482084_00468_40602_4771.N1	05-DEC-2009 14:03:51	Bright	48.000	82	48Bet UMa	2.3650	10600.	96	40602	No
193	GOM_NL__2PRFIN20091205_140548_000000582084_00468_40602_4772.N1	05-DEC-2009 14:05:48	Bright	58.000	32	77Eps UMa	1.7630	11000.	116	40602	No
194	GOM_NL__2PRFIN20091205_140801_000000482084_00468_40602_4773.N1	05-DEC-2009 14:08:01	Bright	47.500	39	85Eta UMa	1.8540	24000.	95	40602	No
195	GOM_NL__2PRFIN20091205_141131_000000612084_00468_40602_4774.N1	05-DEC-2009 14:11:31	Bright	61.000	152	12Alp2CVn	2.8900	11000.	122	40602	No
196	GOM_NL__2PRFIN20091205_142027_000000622084_00468_40602_4775.N1	05-DEC-2009 14:20:27	Bright	62.000	138	47Eps Vir	2.8280	4700.0	124	40602	No
197	GOM_NL__2PRFIN20091205_142502_000000532084_00468_40602_4776.N1	05-DEC-2009 14:25:02	Bright	52.500	121	29Gam Vir	2.7400	7200.0	105	40602	No
198	GOM_NL__2PRFIN20091205_143057_000000482084_00468_40602_4777.N1	05-DEC-2009 14:30:57	Dark	48.000	100	4Gam Crv	2.5800	13100.	96	40602	No
199	GOM_NL__2PRFIN20091205_143233_000000512084_00468_40602_4778.N1	05-DEC-2009 14:32:33	Dark	51.000	171	2Eps Crv	3.0010	4250.0	102	40602	No
200	GOM_NL__2PRFIN20091205_144157_000000442084_00469_40603_4765.N1	05-DEC-2009 14:41:57	Dark	43.500	113	Mu Vel	2.6920	5000.0	87	40603	No
201	GOM_NL__2PRFIN20091205_145037_000000572084_00469_40603_4766.N1	05-DEC-2009 14:50:37	Dark	56.500	34	Gam2Vel	1.7930	23000.	113	40603	No
202	GOM_NL__2PRFIN20091205_145232_000000532084_00469_40603_4767.N1	05-DEC-2009 14:52:32	Dark	52.500	70	Zet Pup	2.2460	39000.	105	40603	No
203	GOM_NL__2PRFIN20091205_145547_000000562084_00469_40603_4768.N1	05-DEC-2009 14:55:47	Dark	56.000	117	Pi Pup	2.7060	3800.0	112	40603	No
204	GOM_NL__2PRFIN20091205_145925_000000642084_00469_40603_4769.N1	05-DEC-2009 14:59:25	Dark	64.000	23	21Eps CMa	1.5020	26000.	128	40603	No
205	GOM_NL__2PRFIN20091205_150521_000000522084_00469_40603_4770.N1	05-DEC-2009 15:05:21	Straylight	51.500	101	11Alp Lep	2.5820	7000.0	103	40603	No
206	GOM_NL__2PRFIN20091205_150844_000000562084_00469_40603_4771.N1	05-DEC-2009 15:08:44	Straylight	55.500	7	19Bet Ori	0.10000	14000.	111	40603	No
207	GOM_NL__2PRFIN20091205_151128_000000592084_00469_40603_4772.N1	05-DEC-2009 15:11:28	Straylight	58.500	30	46Eps Ori	1.6940	30000.	117	40603	No
208	GOM_NL__2PRFIN20091205_151402_000000562084_00469_40603_4773.N1	05-DEC-2009 15:14:02	Tw_i_and_stray	56.000	27	24Gam Ori	1.6360	26000.	112	40603	No
209	GOM_NL__2PRFIN20091205_151629_000000592084_00469_40603_4774.N1	05-DEC-2009 15:16:29	Bright	59.000	13	87Alp Tau	0.86700	3800.0	118	40603	No
210	GOM_NL__2PRFIN20091205_152035_000000382084_00469_40603_4775.N1	05-DEC-2009 15:20:35	Bright	37.500	150	44Zet Per	2.8900	28000.	75	40603	No
211	GOM_NL__2PRFIN20091205_152205_000000462084_00469_40603_4776.N1	05-DEC-2009 15:22:05	Bright	46.000	114	3Iot Aur	2.6930	4600.0	92	40603	No
212	GOM_NL__2PRFIN20091205_152624_000000482084_00469_40603_4777.N1	05-DEC-2009 15:26:24	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	40603	No
213	GOM_NL__2PRFIN20091205_152755_000000482084_00469_40603_4778.N1	05-DEC-2009 15:27:55	Bright	48.000	42	34Bet Aur	1.9000	10200.	96	40603	No
214	GOM_NL__2PRFIN20091205_154253_000000432084_00469_40603_4779.N1	05-DEC-2009 15:42:53	Bright	42.500	36	50Alp UMa	1.8000	6300.0	85	40603	No
215	GOM_NL__2PRFIN20091205_154427_000000532084_00469_40603_4780.N1	05-DEC-2009 15:44:27	Bright	53.000	82	48Bet UMa	2.3650	10600.	106	40603	No
216	GOM_NL__2PRFIN20091205_154624_000000412084_00469_40603_4781.N1	05-DEC-2009 15:46:24	Bright	41.000	32	77Eps UMa	1.7630	11000.	82	40603	No
217	GOM_NL__2PRFIN20091205_154837_000000372084_00469_40603_4782.N1	05-DEC-2009 15:48:37	Bright	36.500	39	85Eta UMa	1.8540	24000.	73	40603	No
218	GOM_NL__2PRFIN20091205_155207_000000612084_00469_40603_4783.N1	05-DEC-2009 15:52:07	Bright	61.000	152	12Alp2CVn	2.8900	11000.	122	40603	No
219	GOM_NL__2PRFIN20091205_160103_000000452084_00469_40603_4784.N1	05-DEC-2009 16:01:03	Bright	44.500	138	47Eps Vir	2.8280	4700.0	89	40603	No

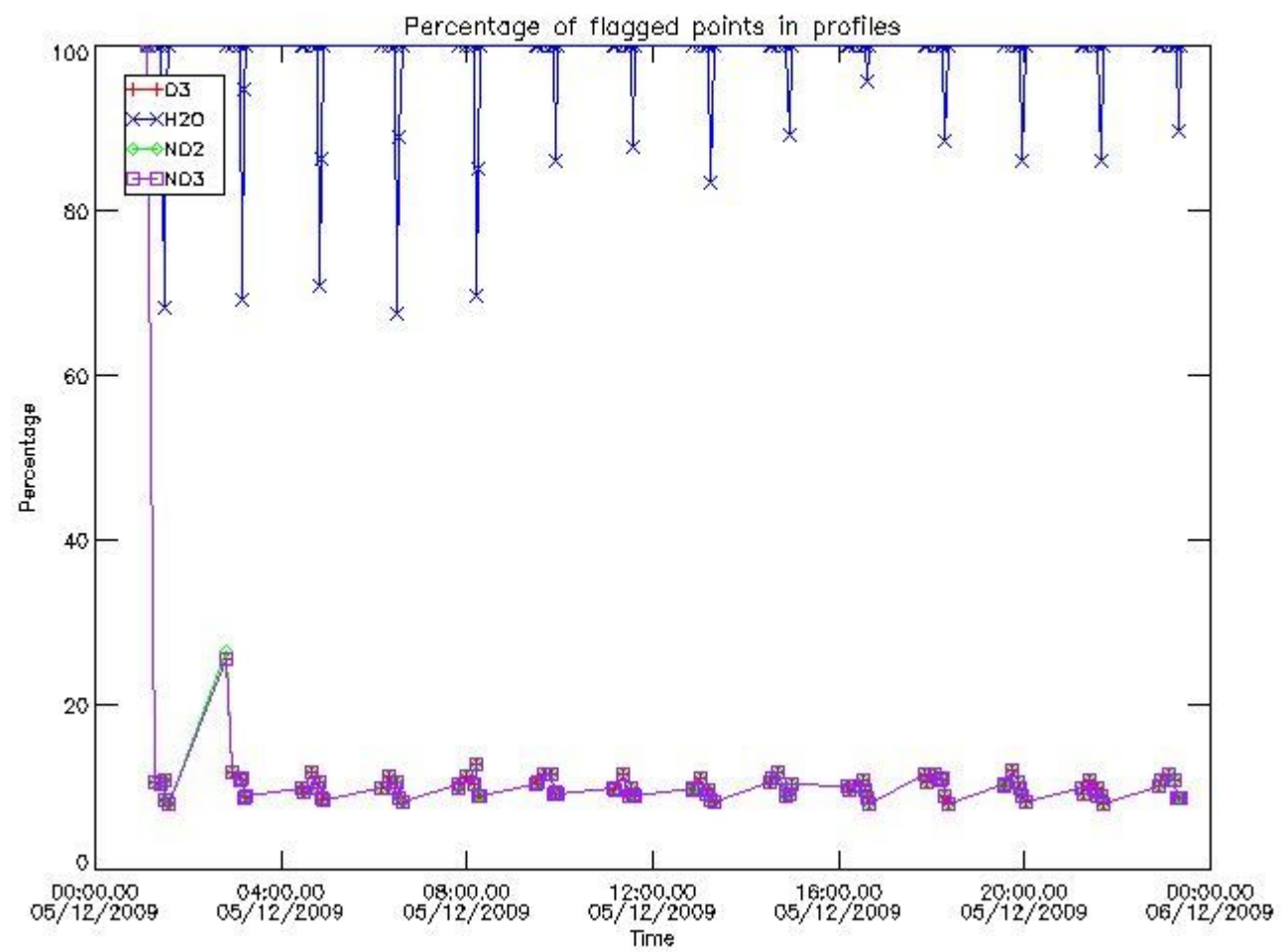
220	GOM_NL__2PRFIN20091205_160538_00000522084_00469_40603_4785.N1	05-DEC-2009 16:05:38	Bright	52.000	121	29Gam Vir	2.7400	7200.0	104	40603	No
221	GOM_NL__2PRFIN20091205_161134_00000512084_00469_40603_4786.N1	05-DEC-2009 16:11:34	Dark	50.500	100	4Gam Crv	2.5800	13100.	101	40603	No
222	GOM_NL__2PRFIN20091205_161310_00000532084_00469_40603_4787.N1	05-DEC-2009 16:13:10	Dark	52.500	171	2Eps Crv	3.0010	4250.0	105	40603	No
223	GOM_NL__2PRFIN20091205_162233_00000502084_00470_40604_4774.N1	05-DEC-2009 16:22:33	Dark	50.000	113	Mu Vel	2.6920	5000.0	100	40604	No
224	GOM_NL__2PRFIN20091205_163114_00000522084_00470_40604_4775.N1	05-DEC-2009 16:31:14	Dark	51.500	34	Gam2Vel	1.7930	23000.	103	40604	No
225	GOM_NL__2PRFIN20091205_163309_00000532084_00470_40604_4776.N1	05-DEC-2009 16:33:09	Dark	53.000	70	Zet Pup	2.2460	39000.	106	40604	No
226	GOM_NL__2PRFIN20091205_163624_00000592084_00470_40604_4777.N1	05-DEC-2009 16:36:24	Dark	58.500	117	Pi Pup	2.7060	3800.0	117	40604	No
227	GOM_NL__2PRFIN20091205_164002_00000642084_00470_40604_4778.N1	05-DEC-2009 16:40:02	Dark	63.500	23	21Eps CMa	1.5020	26000.	127	40604	No
228	GOM_NL__2PRFIN20091205_164557_00000532084_00470_40604_4779.N1	05-DEC-2009 16:45:57	Straylight	52.500	101	11Alp Lep	2.5820	7000.0	105	40604	No
229	GOM_NL__2PRFIN20091205_164920_00000542084_00470_40604_4780.N1	05-DEC-2009 16:49:20	Straylight	54.000	7	19Bet Ori	0.10000	14000.	108	40604	No
230	GOM_NL__2PRFIN20091205_165203_00000592084_00470_40604_4781.N1	05-DEC-2009 16:52:03	Straylight	59.000	30	46Eps Ori	1.6940	30000.	118	40604	No
231	GOM_NL__2PRFIN20091205_165438_00000572084_00470_40604_4782.N1	05-DEC-2009 16:54:38	Tw_i_and_stray	56.500	27	24Gam Ori	1.6360	26000.	113	40604	No
232	GOM_NL__2PRFIN20091205_165704_00000592084_00470_40604_4783.N1	05-DEC-2009 16:57:04	Bright	59.000	13	87Alp Tau	0.86700	3800.0	118	40604	No
233	GOM_NL__2PRFIN20091205_170110_00000382084_00470_40604_4784.N1	05-DEC-2009 17:01:10	Bright	37.500	150	44Zet Per	2.8900	28000.	75	40604	No
234	GOM_NL__2PRFIN20091205_170241_00000452084_00470_40604_4785.N1	05-DEC-2009 17:02:41	Bright	45.000	114	3Iot Aur	2.6930	4600.0	90	40604	No
235	GOM_NL__2PRFIN20091205_170659_00000482084_00470_40604_4786.N1	05-DEC-2009 17:06:59	Bright	48.000	6	13Alp Aur	0.080000	3400.0	96	40604	No
236	GOM_NL__2PRFIN20091205_170830_00000652084_00470_40604_4787.N1	05-DEC-2009 17:08:30	Bright	65.000	42	34Bet Aur	1.9000	10200.	130	40604	No
237	GOM_NL__2PRFIN20091205_172328_00000472084_00470_40604_4788.N1	05-DEC-2009 17:23:28	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	40604	No
238	GOM_NL__2PRFIN20091205_172502_00000642084_00470_40604_4789.N1	05-DEC-2009 17:25:02	Bright	64.000	82	48Bet UMa	2.3650	10600.	128	40604	No
239	GOM_NL__2PRFIN20091205_172700_00000382084_00470_40604_4790.N1	05-DEC-2009 17:27:00	Bright	37.500	32	77Eps UMa	1.7630	11000.	75	40604	No
240	GOM_NL__2PRFIN20091205_172912_00000352084_00470_40604_4791.N1	05-DEC-2009 17:29:12	Bright	35.000	39	85Eta UMa	1.8540	24000.	70	40604	No
241	GOM_NL__2PRFIN20091205_173243_00000422084_00470_40604_4792.N1	05-DEC-2009 17:32:43	Bright	41.500	152	12Alp2CVn	2.8900	11000.	83	40604	No
242	GOM_NL__2PRFIN20091205_174140_00000622084_00470_40604_4793.N1	05-DEC-2009 17:41:40	Bright	62.000	138	47Eps Vir	2.8280	4700.0	124	40604	No
243	GOM_NL__2PRFIN20091205_174615_00000512084_00470_40604_4794.N1	05-DEC-2009 17:46:15	Bright	50.500	121	29Gam Vir	2.7400	7200.0	101	40604	No
244	GOM_NL__2PRFIN20091205_175211_00000532084_00470_40604_4795.N1	05-DEC-2009 17:52:11	Dark	53.000	100	4Gam Crv	2.5800	13100.	106	40604	No
245	GOM_NL__2PRFIN20091205_175347_00000532084_00470_40604_4796.N1	05-DEC-2009 17:53:47	Dark	52.500	171	2Eps Crv	3.0010	4250.0	105	40604	No
246	GOM_NL__2PRFIN20091205_180310_00000452084_00471_40605_4787.N1	05-DEC-2009 18:03:10	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	40605	No
247	GOM_NL__2PRFIN20091205_181151_00000482084_00471_40605_4788.N1	05-DEC-2009 18:11:51	Dark	47.500	34	Gam2Vel	1.7930	23000.	95	40605	No
248	GOM_NL__2PRFIN20091205_181346_00000552084_00471_40605_4789.N1	05-DEC-2009 18:13:46	Dark	54.500	70	Zet Pup	2.2460	39000.	109	40605	No
249	GOM_NL__2PRFIN20091205_181701_00000572084_00471_40605_4790.N1	05-DEC-2009 18:17:01	Dark	56.500	117	Pi Pup	2.7060	3800.0	113	40605	No
250	GOM_NL__2PRFIN20091205_182038_00000652084_00471_40605_4791.N1	05-DEC-2009 18:20:38	Dark	65.000	23	21Eps CMa	1.5020	26000.	130	40605	No
251	GOM_NL__2PRFIN20091205_182633_00000532084_00471_40605_4792.N1	05-DEC-2009 18:26:33	Straylight	52.500	101	11Alp Lep	2.5820	7000.0	105	40605	No
252	GOM_NL__2PRFIN20091205_182956_00000552084_00471_40605_4793.N1	05-DEC-2009 18:29:56	Straylight	54.500	7	19Bet Ori	0.10000	14000.	109	40605	No
253	GOM_NL__2PRFIN20091205_183239_00000582084_00471_40605_4794.N1	05-DEC-2009 18:32:39	Straylight	57.500	30	46Eps Ori	1.6940	30000.	115	40605	No
254	GOM_NL__2PRFIN20091205_183514_00000542084_00471_40605_4795.N1	05-DEC-2009 18:35:14	Tw_i_and_stray	53.500	27	24Gam Ori	1.6360	26000.	107	40605	No
255	GOM_NL__2PRFIN20091205_183740_00000502084_00471_40605_4796.N1	05-DEC-2009 18:37:40	Bright	50.000	13	87Alp Tau	0.86700	3800.0	100	40605	No
256	GOM_NL__2PRFIN20091205_184146_00000372084_00471_40605_4797.N1	05-DEC-2009 18:41:46	Bright	37.000	150	44Zet Per	2.8900	28000.	74	40605	No
257	GOM_NL__2PRFIN20091205_184316_00000432084_00471_40605_4798.N1	05-DEC-2009 18:43:16	Bright	42.500	114	3Iot Aur	2.6930	4600.0	85	40605	No
258	GOM_NL__2PRFIN20091205_184735_00000482084_00471_40605_4799.N1	05-DEC-2009 18:47:35	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	40605	No
259	GOM_NL__2PRFIN20091205_184905_00000502084_00471_40605_4800.N1	05-DEC-2009 18:49:05	Bright	49.500	42	34Bet Aur	1.9000	10200.	99	40605	No
260	GOM_NL__2PRFIN20091205_190404_00000472084_00471_40605_4801.N1	05-DEC-2009 19:04:04	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	40605	No
261	GOM_NL__2PRFIN20091205_190538_00000522084_00471_40605_4802.N1	05-DEC-2009 19:05:38	Bright	52.000	82	48Bet UMa	2.3650	10600.	104	40605	No
262	GOM_NL__2PRFIN20091205_190735_00000432084_00471_40605_4803.N1	05-DEC-2009 19:07:35	Bright	43.000	32	77Eps UMa	1.7630	11000.	86	40605	No
263	GOM_NL__2PRFIN20091205_190948_00000542084_00471_40605_4804.N1	05-DEC-2009 19:09:48	Bright	54.000	39	85Eta UMa	1.8540	24000.	108	40605	No
264	GOM_NL__2PRFIN20091205_191319_00000592084_00471_40605_4805.N1	05-DEC-2009 19:13:19	Bright	58.500	152	12Alp2CVn	2.8900	11000.	117	40605	No
265	GOM_NL__2PRFIN20091205_192216_00000452084_00471_40605_4806.N1	05-DEC-2009 19:22:16	Bright	44.500	138	47Eps Vir	2.8280	4700.0	89	40605	No
266	GOM_NL__2PRFIN20091205_192652_00000502084_00471_40605_4807.N1	05-DEC-2009 19:26:52	Bright	50.000	121	29Gam Vir	2.7400	7200.0	100	40605	No
267	GOM_NL__2PRFIN20091205_193248_00000502084_00471_40605_4808.N1	05-DEC-2009 19:32:48	Dark	49.500	100	4Gam Crv	2.5800	13100.	99	40605	No
268	GOM_NL__2PRFIN20091205_193424_00000502084_00471_40605_4809.N1	05-DEC-2009 19:34:24	Dark	50.000	171	2Eps Crv	3.0010	4250.0	100	40605	No
269	GOM_NL__2PRFIN20091205_194347_00000432084_00472_40606_4796.N1	05-DEC-2009 19:43:47	Dark	42.500	113	Mu Vel	2.6920	5000.0	85	40606	No
270	GOM_NL__2PRFIN20091205_195228_00000492084_00472_40606_4797.N1	05-DEC-2009 19:52:28	Dark	48.500	34	Gam2Vel	1.7930	23000.	97	40606	No
271	GOM_NL__2PRFIN20091205_195423_00000562084_00472_40606_4798.N1	05-DEC-2009 19:54:23	Dark	55.500	70	Zet Pup	2.2460	39000.	111	40606	No
272	GOM_NL__2PRFIN20091205_195737_00000582084_00472_40606_4799.N1	05-DEC-2009 19:57:37	Dark	57.500	117	Pi Pup	2.7060	3800.0	115	40606	No
273	GOM_NL__2PRFIN20091205_200115_00000632084_00472_40606_4800.N1	05-DEC-2009 20:01:15	Dark	62.500	23	21Eps CMa	1.5020	26000.	125	40606	No
274	GOM_NL__2PRFIN20091205_200709_00000512084_00472_40606_4801.N1	05-DEC-2009 20:07:09	Straylight	51.000	101	11Alp Lep	2.5820	7000.0	102	40606	No
275	GOM_NL__2PRFIN20091205_201032_00000532084_00472_40606_4802.N1	05-DEC-2009 20:10:32	Straylight	53.000	7	19Bet Ori	0.10000	14000.	106	40606	No
276	GOM_NL__2PRFIN20091205_201315_00000602084_00472_40606_4803.N1	05-DEC-2009 20:13:15	Straylight	60.000	30	46Eps Ori	1.6940	30000.	120	40606	No
277	GOM_NL__2PRFIN20091205_201549_00000542084_00472_40606_4804.N1	05-DEC-2009 20:15:49	Tw_i_and_stray	54.000	27	24Gam Ori	1.6360	26000.	108	40606	No
278	GOM_NL__2PRFIN20091205_201816_00000542084_00472_40606_4805.N1	05-DEC-2009 20:18:16	Bright	53.500	13	87Alp Tau	0.86700	3800.0	107	40606	No

279	GOM_NL__2PRFIN20091205_202222_000000372084_00472_40606_4806.N1	05-DEC-2009 20:22:22	Bright	36.500	150	44Zet Per	2.8900	28000.	73	40606	No
280	GOM_NL__2PRFIN20091205_202352_000000442084_00472_40606_4807.N1	05-DEC-2009 20:23:52	Bright	44.000	114	31ot Aur	2.6930	4600.0	88	40606	No
281	GOM_NL__2PRFIN20091205_202810_000000502084_00472_40606_4808.N1	05-DEC-2009 20:28:10	Bright	49.500	6	13Alp Aur	0.080000	3400.0	99	40606	No
282	GOM_NL__2PRFIN20091205_202940_000000482084_00472_40606_4809.N1	05-DEC-2009 20:29:40	Bright	48.000	42	34Bet Aur	1.9000	10200.	96	40606	No
283	GOM_NL__2PRFIN20091205_204439_000000492084_00472_40606_4810.N1	05-DEC-2009 20:44:39	Bright	49.000	36	50Alp UMa	1.8000	6300.0	98	40606	No
284	GOM_NL__2PRFIN20091205_204613_000000512084_00472_40606_4811.N1	05-DEC-2009 20:46:13	Bright	50.500	82	48Bet UMa	2.3650	10600.	101	40606	No
285	GOM_NL__2PRFIN20091205_204811_000000422084_00472_40606_4812.N1	05-DEC-2009 20:48:11	Bright	42.000	32	77Eps UMa	1.7630	11000.	84	40606	No
286	GOM_NL__2PRFIN20091205_205025_000000402084_00472_40606_4813.N1	05-DEC-2009 20:50:25	Bright	40.000	39	85Eta UMa	1.8540	24000.	80	40606	No
287	GOM_NL__2PRFIN20091205_205355_000000612084_00472_40606_4814.N1	05-DEC-2009 20:53:55	Bright	61.000	152	12Alp2CVn	2.8900	11000.	122	40606	No
288	GOM_NL__2PRFIN20091205_210252_000000622084_00472_40606_4815.N1	05-DEC-2009 21:02:52	Bright	61.500	138	47Eps Vir	2.8280	4700.0	123	40606	No
289	GOM_NL__2PRFIN20091205_210728_000000532084_00472_40606_4816.N1	05-DEC-2009 21:07:28	Bright	53.000	121	29Gam Vir	2.7400	7200.0	106	40606	No
290	GOM_NL__2PRFIN20091205_211324_000000522084_00472_40606_4817.N1	05-DEC-2009 21:13:24	Dark	51.500	100	4Gam Crv	2.5800	13100.	103	40606	No
291	GOM_NL__2PRFIN20091205_211501_000000562084_00472_40606_4818.N1	05-DEC-2009 21:15:01	Dark	56.000	171	2Eps Crv	3.0010	4250.0	112	40606	No
292	GOM_NL__2PRFIN20091205_212424_000000472084_00473_40607_4805.N1	05-DEC-2009 21:24:24	Dark	46.500	113	Mu Vel	2.6920	5000.0	93	40607	No
293	GOM_NL__2PRFIN20091205_213305_000000522084_00473_40607_4806.N1	05-DEC-2009 21:33:05	Dark	51.500	34	Gam2Vel	1.7930	23000.	103	40607	No
294	GOM_NL__2PRFIN20091205_213500_000000572084_00473_40607_4807.N1	05-DEC-2009 21:35:00	Dark	56.500	70	Zet Pup	2.2460	39000.	113	40607	No
295	GOM_NL__2PRFIN20091205_213814_000000582084_00473_40607_4808.N1	05-DEC-2009 21:38:14	Dark	57.500	117	Pi Pup	2.7060	3800.0	115	40607	No
296	GOM_NL__2PRFIN20091205_214151_000000642084_00473_40607_4809.N1	05-DEC-2009 21:41:51	Dark	64.000	23	21Eps CMa	1.5020	26000.	128	40607	No
297	GOM_NL__2PRFIN20091205_214745_000000522084_00473_40607_4810.N1	05-DEC-2009 21:47:45	Straylight	51.500	101	11Alp Lep	2.5820	7000.0	103	40607	No
298	GOM_NL__2PRFIN20091205_215108_000000542084_00473_40607_4811.N1	05-DEC-2009 21:51:08	Straylight	54.000	7	19Bet Ori	0.10000	14000.	108	40607	No
299	GOM_NL__2PRFIN20091205_215350_000000582084_00473_40607_4812.N1	05-DEC-2009 21:53:50	Straylight	57.500	30	46Eps Ori	1.6940	30000.	115	40607	No
300	GOM_NL__2PRFIN20091205_215624_000000562084_00473_40607_4813.N1	05-DEC-2009 21:56:24	Tw_i_and_stray	55.500	27	24Gam Ori	1.6360	26000.	111	40607	No
301	GOM_NL__2PRFIN20091205_215851_000000512084_00473_40607_4814.N1	05-DEC-2009 21:58:51	Bright	50.500	13	87Alp Tau	0.86700	3800.0	101	40607	No
302	GOM_NL__2PRFIN20091205_220258_000000382084_00473_40607_4815.N1	05-DEC-2009 22:02:58	Bright	38.000	150	44Zet Per	2.8900	28000.	76	40607	No
303	GOM_NL__2PRFIN20091205_220427_000000442084_00473_40607_4816.N1	05-DEC-2009 22:04:27	Bright	43.500	114	31ot Aur	2.6930	4600.0	87	40607	No
304	GOM_NL__2PRFIN20091205_220845_000000472084_00473_40607_4817.N1	05-DEC-2009 22:08:45	Bright	47.000	6	13Alp Aur	0.080000	3400.0	94	40607	No
305	GOM_NL__2PRFIN20091205_221015_000000472084_00473_40607_4818.N1	05-DEC-2009 22:10:15	Bright	47.000	42	34Bet Aur	1.9000	10200.	94	40607	No
306	GOM_NL__2PRFIN20091205_222515_000000472084_00473_40607_4819.N1	05-DEC-2009 22:25:15	Bright	46.500	36	50Alp UMa	1.8000	6300.0	93	40607	No
307	GOM_NL__2PRFIN20091205_222648_000000482084_00473_40607_4820.N1	05-DEC-2009 22:26:48	Bright	47.500	82	48Bet UMa	2.3650	10600.	95	40607	No
308	GOM_NL__2PRFIN20091205_222847_000000422084_00473_40607_4821.N1	05-DEC-2009 22:28:47	Bright	42.000	32	77Eps UMa	1.7630	11000.	84	40607	No
309	GOM_NL__2PRFIN20091205_223100_000000412084_00473_40607_4822.N1	05-DEC-2009 22:31:00	Bright	40.500	39	85Eta UMa	1.8540	24000.	81	40607	No
310	GOM_NL__2PRFIN20091205_223431_000000432084_00473_40607_4823.N1	05-DEC-2009 22:34:31	Bright	42.500	152	12Alp2CVn	2.8900	11000.	85	40607	No
311	GOM_NL__2PRFIN20091205_224329_000000532084_00473_40607_4824.N1	05-DEC-2009 22:43:29	Bright	52.500	138	47Eps Vir	2.8280	4700.0	105	40607	No
312	GOM_NL__2PRFIN20091205_224805_000000542084_00473_40607_4825.N1	05-DEC-2009 22:48:05	Bright	53.500	121	29Gam Vir	2.7400	7200.0	107	40607	No
313	GOM_NL__2PRFIN20091205_225401_000000512084_00473_40607_4826.N1	05-DEC-2009 22:54:01	Dark	50.500	100	4Gam Crv	2.5800	13100.	101	40607	No
314	GOM_NL__2PRFIN20091205_225538_000000572084_00473_40607_4827.N1	05-DEC-2009 22:55:38	Dark	56.500	171	2Eps Crv	3.0010	4250.0	113	40607	No
315	GOM_NL__2PRFIN20091205_230500_000000442084_00474_40608_4824.N1	05-DEC-2009 23:05:00	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	40608	No
316	GOM_NL__2PRFIN20091205_231341_000000472084_00474_40608_4825.N1	05-DEC-2009 23:13:41	Dark	46.500	34	Gam2Vel	1.7930	23000.	93	40608	No
317	GOM_NL__2PRFIN20091205_231537_000000582084_00474_40608_4826.N1	05-DEC-2009 23:15:37	Dark	58.000	70	Zet Pup	2.2460	39000.	116	40608	No
318	GOM_NL__2PRFIN20091205_231850_000000582084_00474_40608_4827.N1	05-DEC-2009 23:18:50	Dark	58.000	117	Pi Pup	2.7060	3800.0	116	40608	No
319	GOM_NL__2PRFIN20091205_232228_000000592084_00474_40608_4828.N1	05-DEC-2009 23:22:28	Dark	59.000	23	21Eps CMa	1.5020	26000.	118	40608	No
320	GOM_NL__2PRFIN20091205_232821_000000502084_00474_40608_4829.N1	05-DEC-2009 23:28:21	Straylight	50.000	101	11Alp Lep	2.5820	7000.0	100	40608	No
321	GOM_NL__2PRFIN20091205_233144_000000572084_00474_40608_4830.N1	05-DEC-2009 23:31:44	Straylight	56.500	7	19Bet Ori	0.10000	14000.	113	40608	No
322	GOM_NL__2PRFIN20091205_233426_000000582084_00474_40608_4831.N1	05-DEC-2009 23:34:26	Straylight	57.500	30	46Eps Ori	1.6940	30000.	115	40608	No
323	GOM_NL__2PRFIN20091205_233700_000000562084_00474_40608_4832.N1	05-DEC-2009 23:37:00	Tw_i_and_stray	55.500	27	24Gam Ori	1.6360	26000.	111	40608	No
324	GOM_NL__2PRFIN20091205_233927_000000592084_00474_40608_4833.N1	05-DEC-2009 23:39:27	Bright	59.000	13	87Alp Tau	0.86700	3800.0	118	40608	No
325	GOM_NL__2PRFIN20091205_234333_000000382084_00474_40608_4834.N1	05-DEC-2009 23:43:33	Bright	38.000	150	44Zet Per	2.8900	28000.	76	40608	No
326	GOM_NL__2PRFIN20091205_234502_000000432084_00474_40608_4835.N1	05-DEC-2009 23:45:02	Bright	43.000	114	31ot Aur	2.6930	4600.0	86	40608	No
327	GOM_NL__2PRFIN20091205_234921_000000502084_00474_40608_4836.N1	05-DEC-2009 23:49:21	Bright	49.500	6	13Alp Aur	0.080000	3400.0	99	40608	No
328	GOM_NL__2PRFIN20091205_235050_000000502084_00474_40608_4837.N1	05-DEC-2009 23:50:50	Bright	49.500	42	34Bet Aur	1.9000	10200.	99	40608	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.

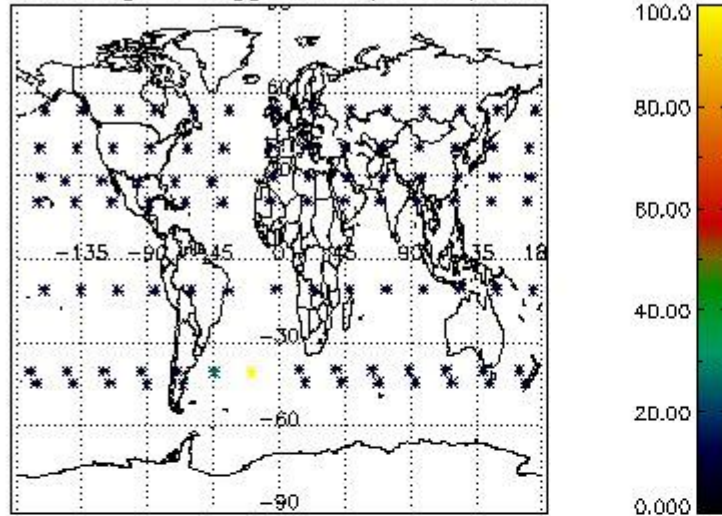
3.1 Plot quality information per product (time dependant)



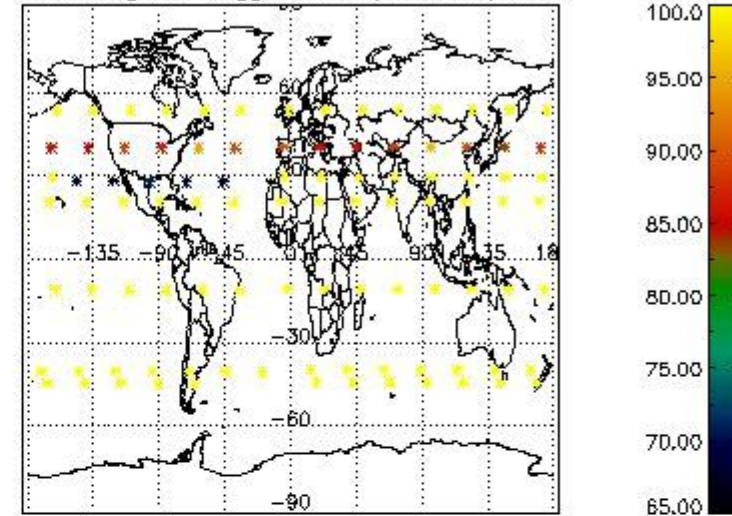
3.2 Plot quality information per product (world map)



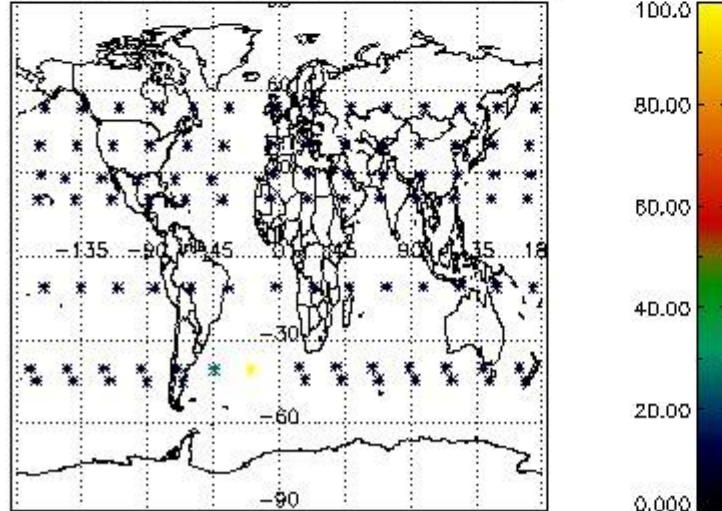
Percentage of flagged data per O3 profile



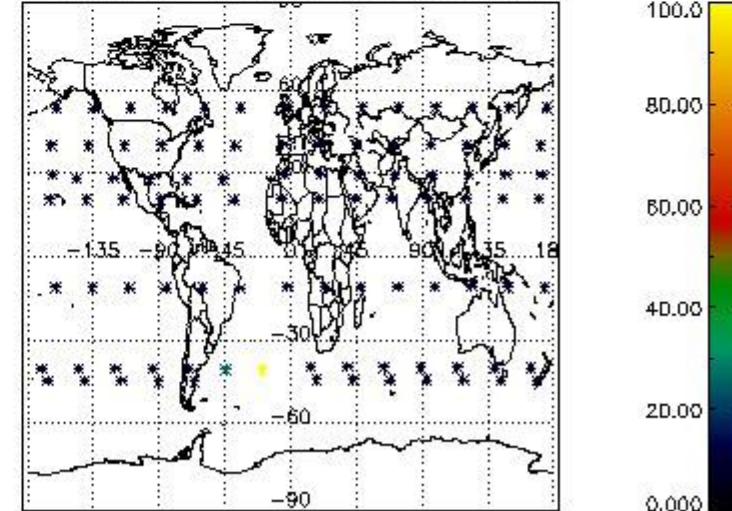
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

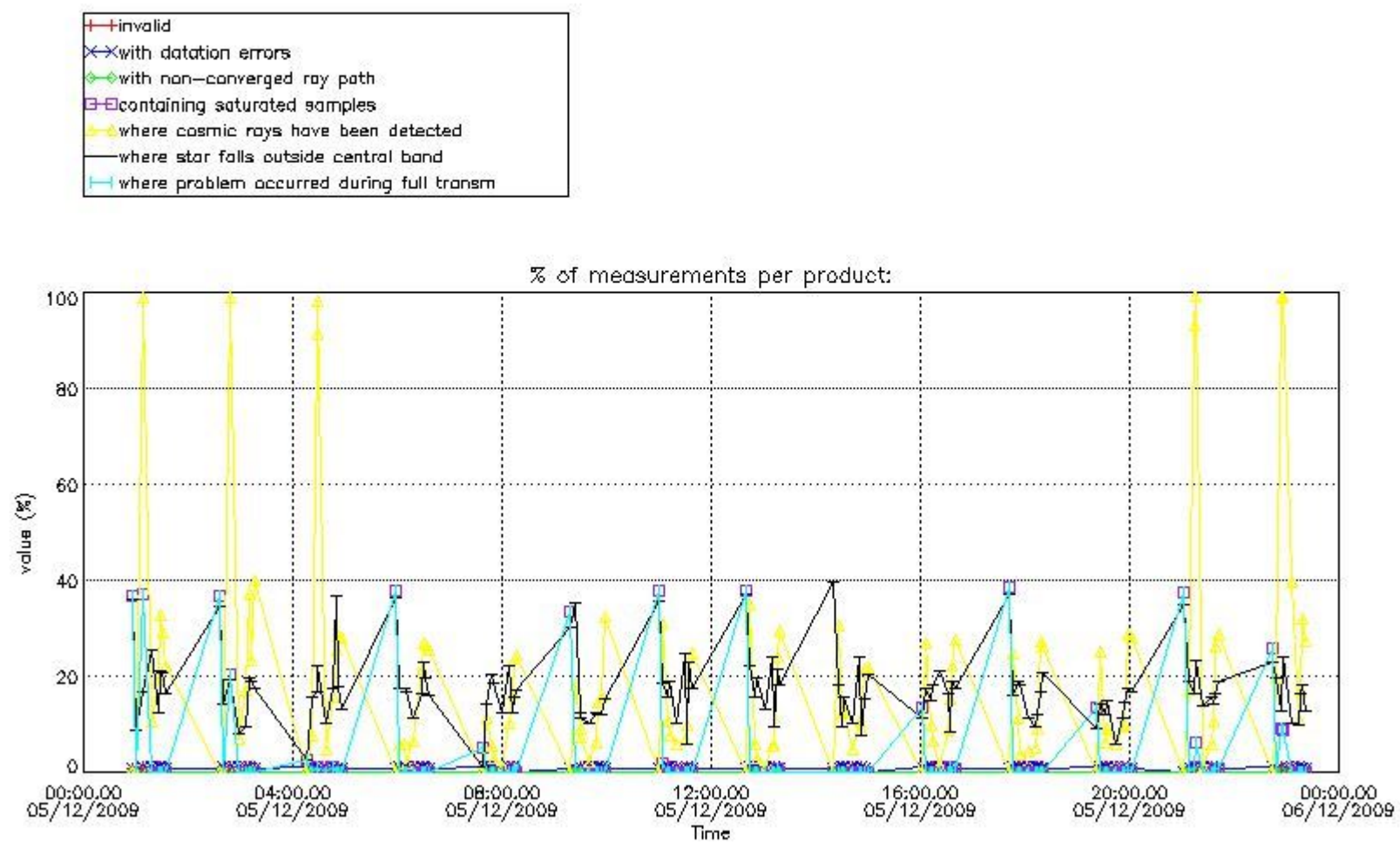


#### 4. Level 1 quality information per product

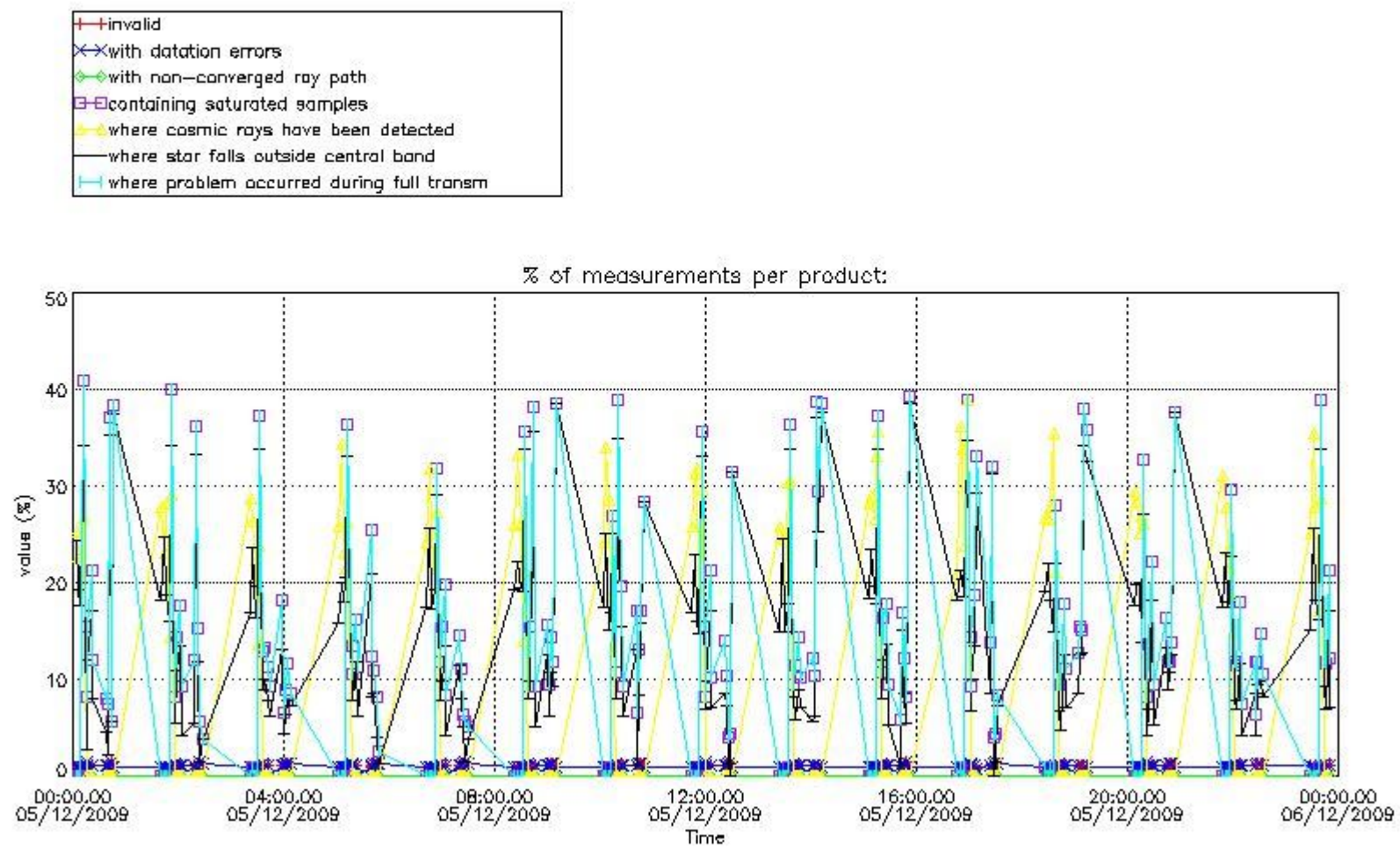
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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



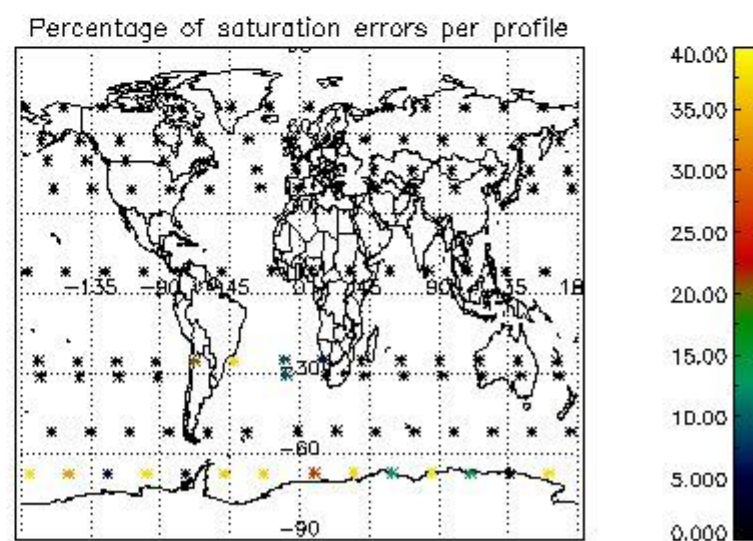
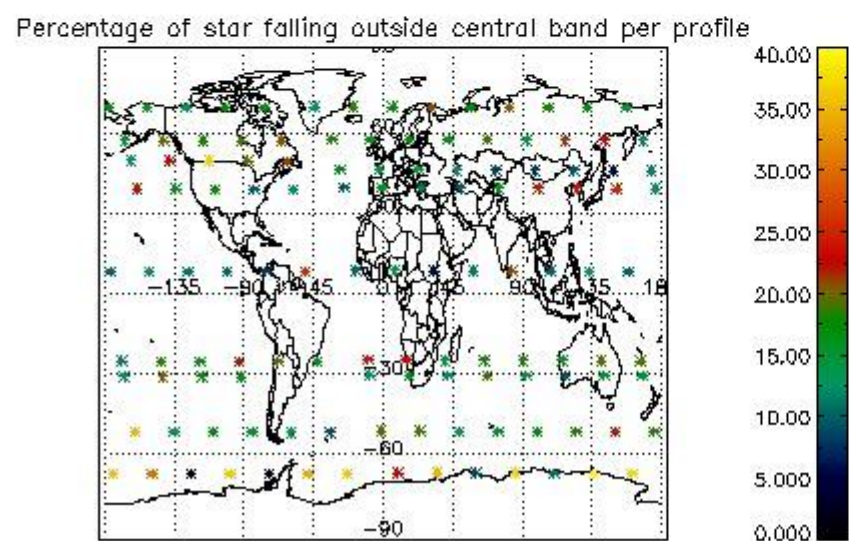
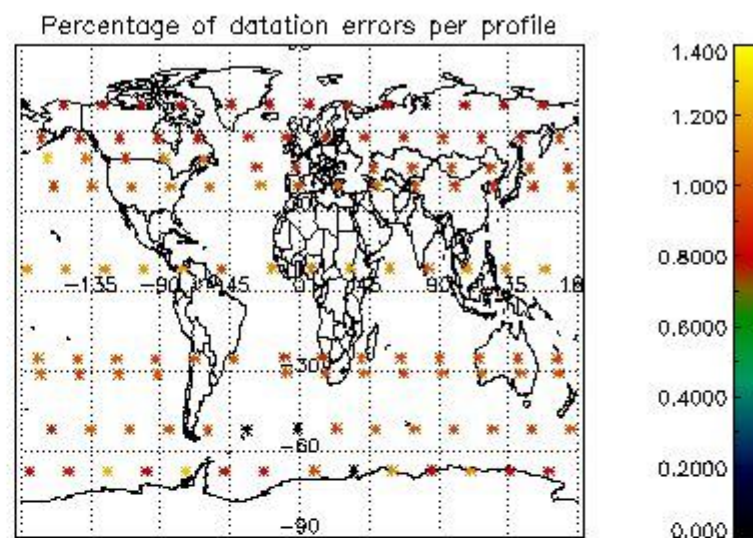
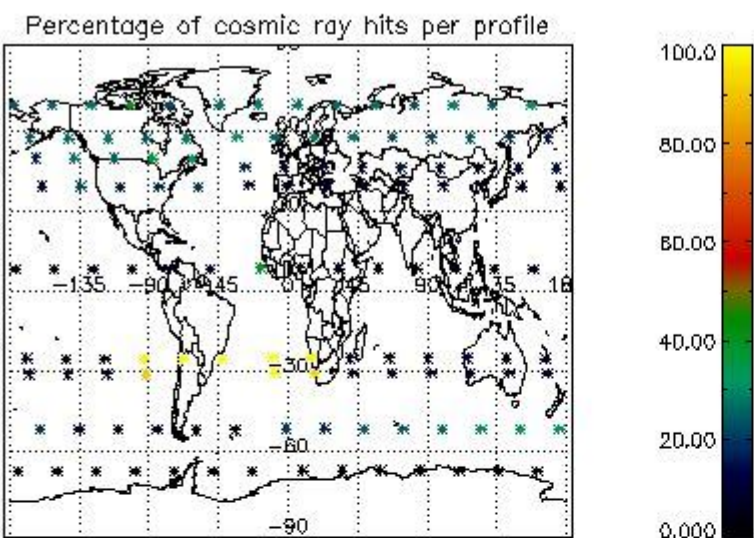
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



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

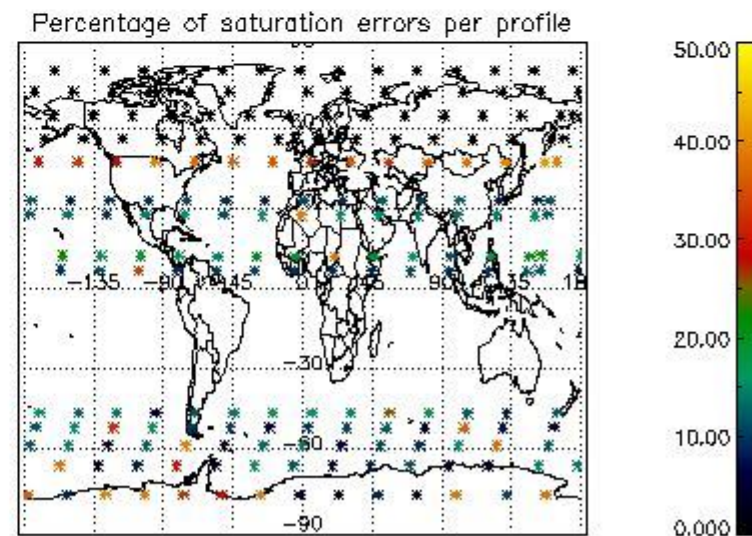
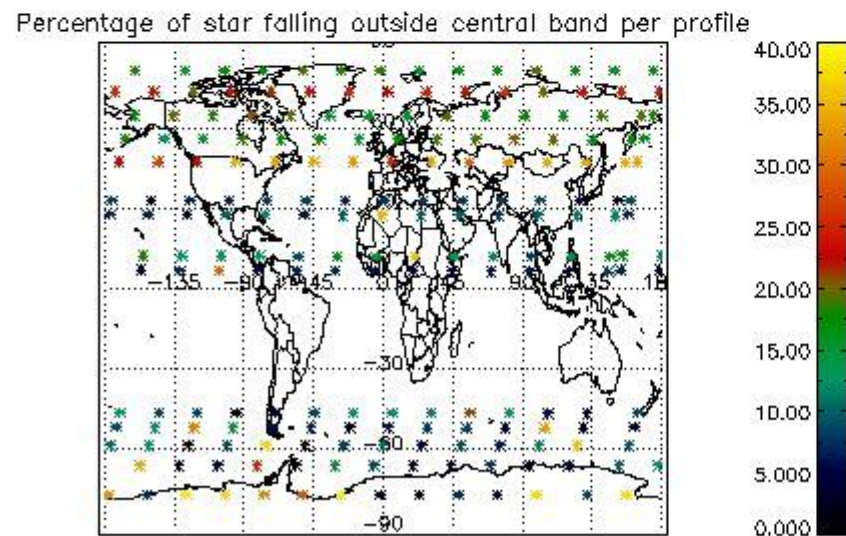
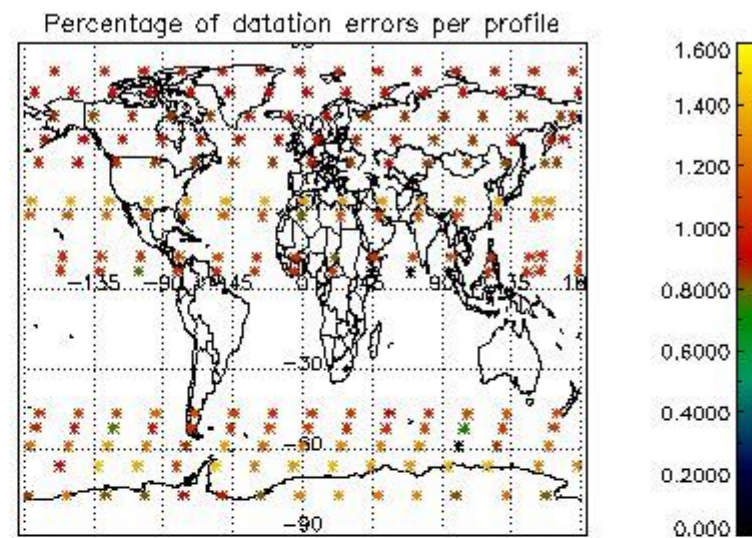
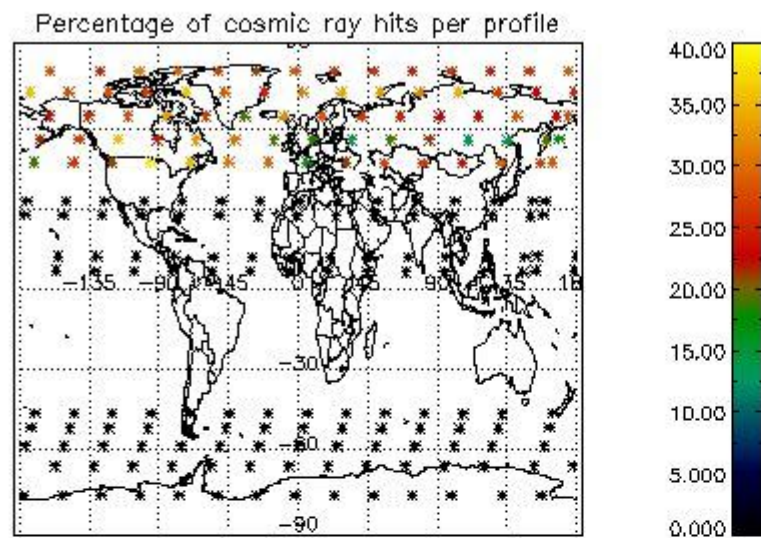
##### 4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes





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

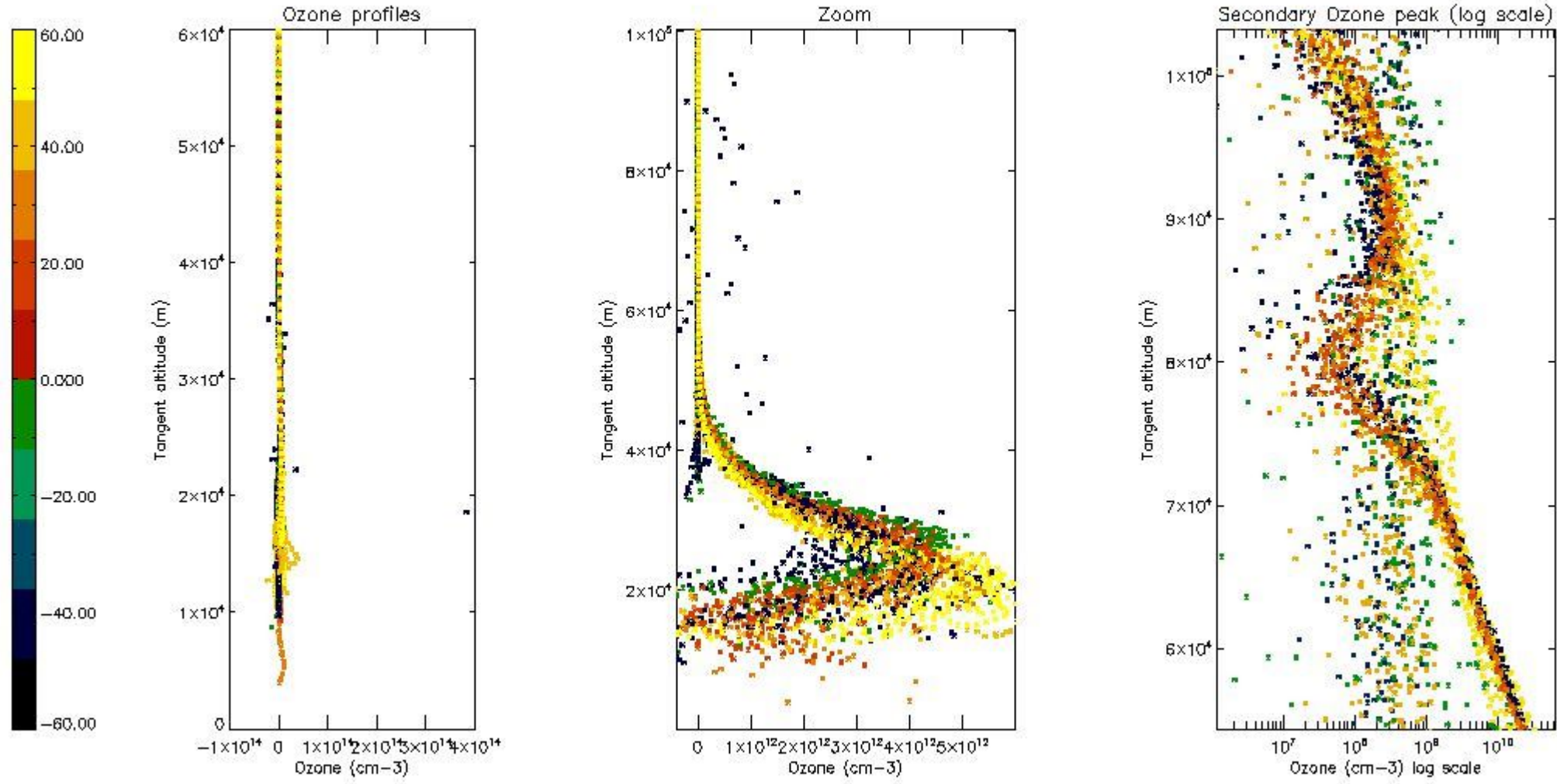
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	32
STD < 20	16

STD < 10	12
STD < 5	9

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

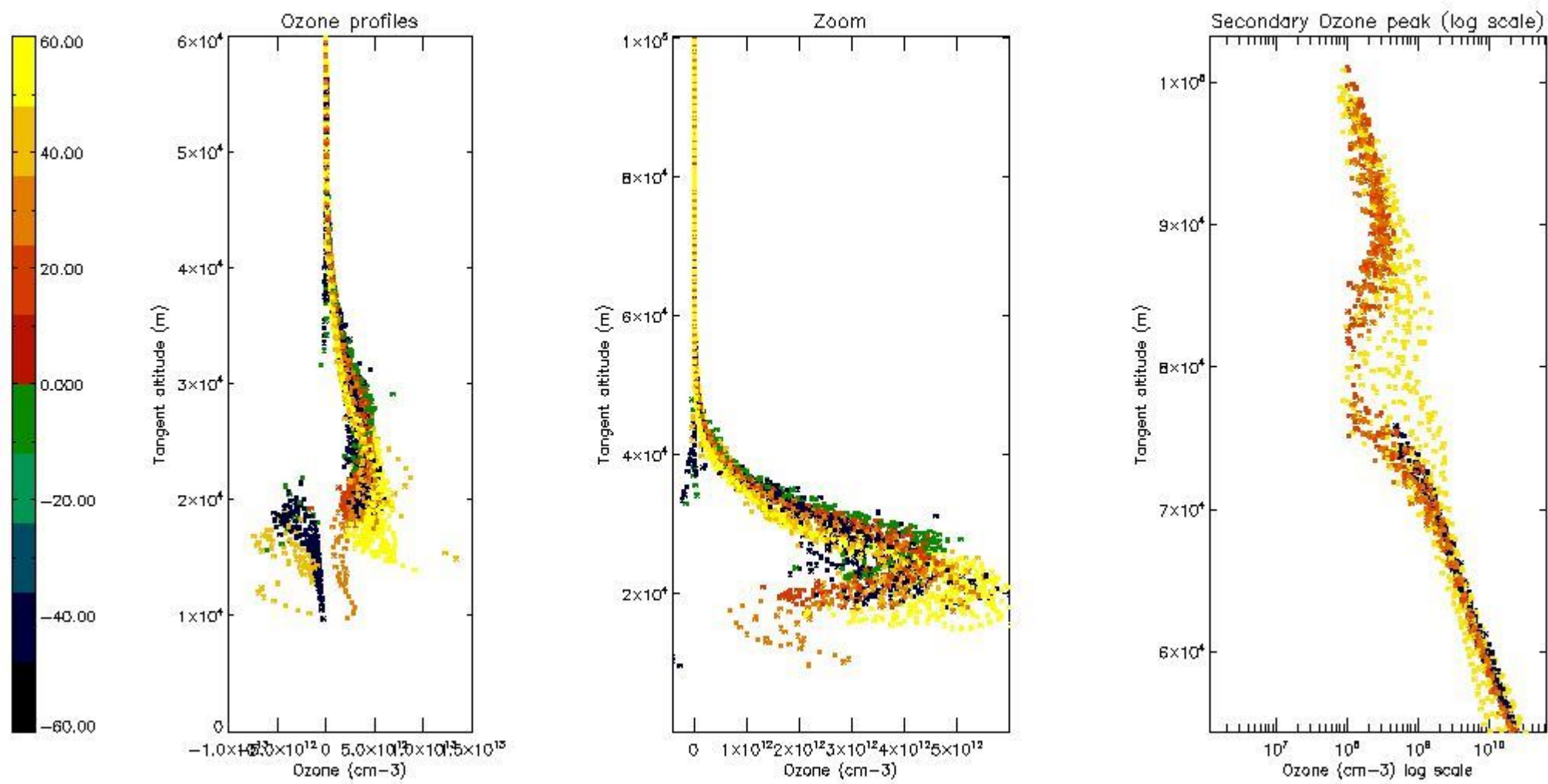
The colorbar represents the latitude.



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

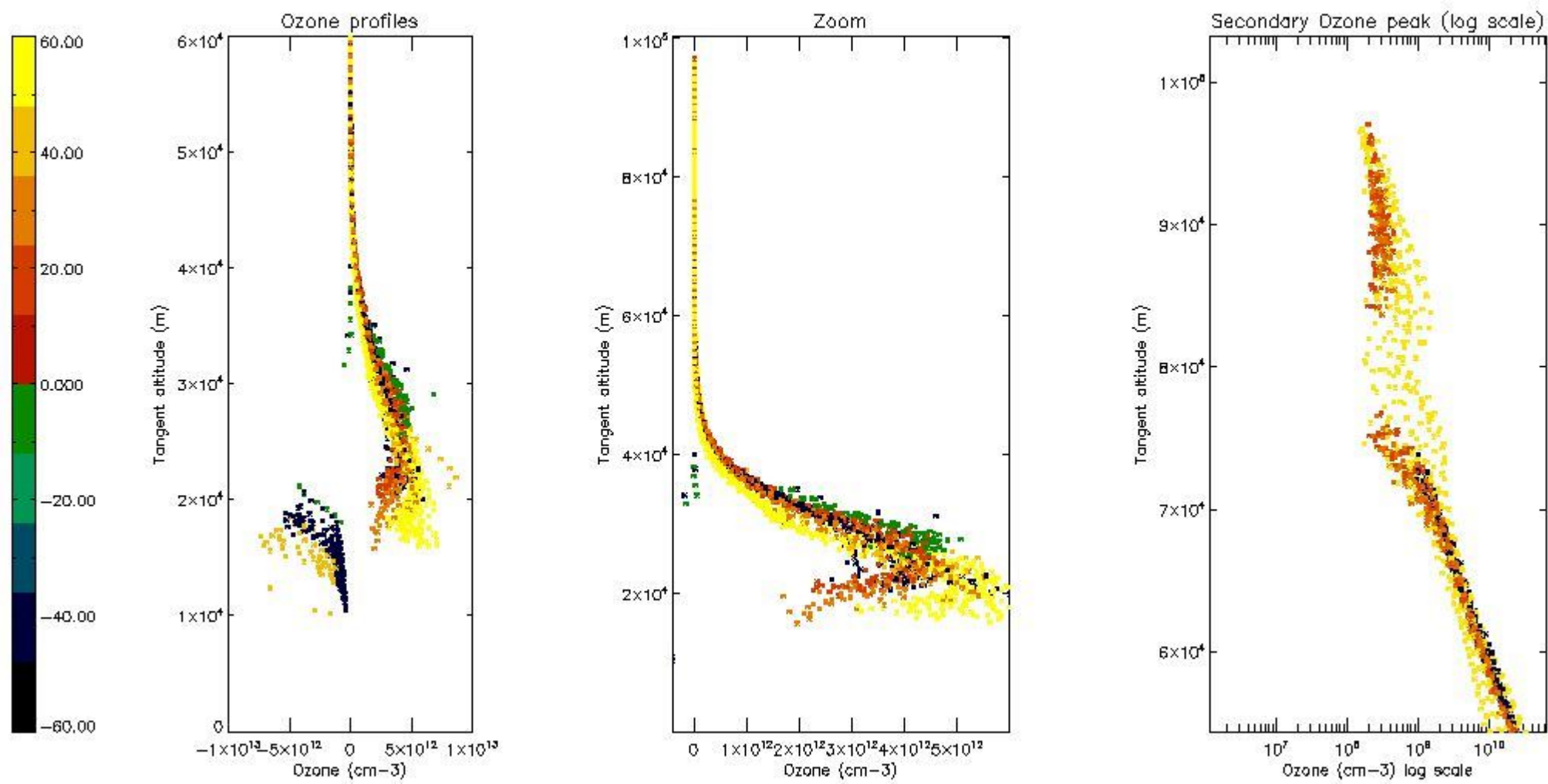
The colorbar represents the latitude.





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

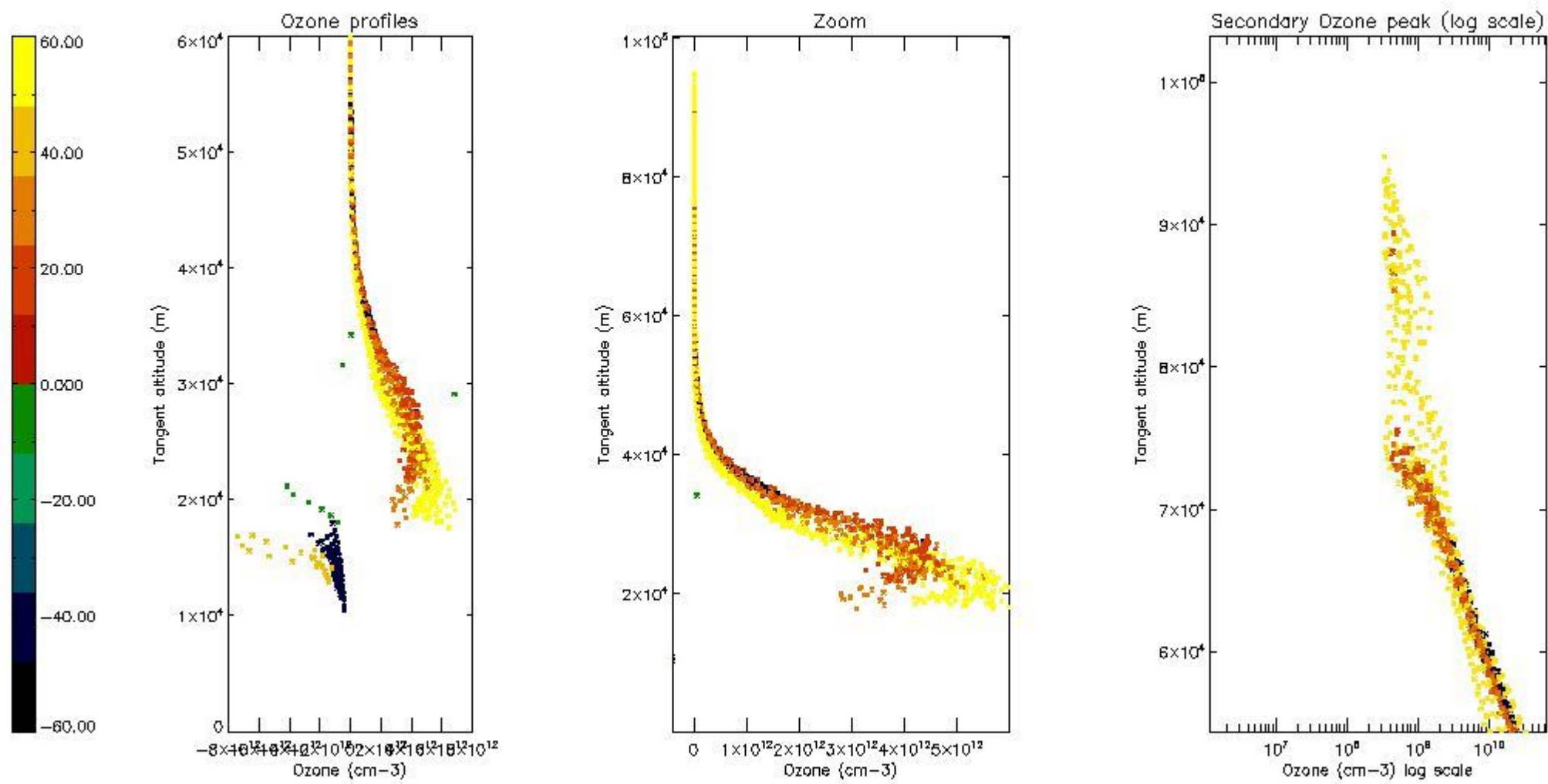
The colorbar represents the latitude.



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

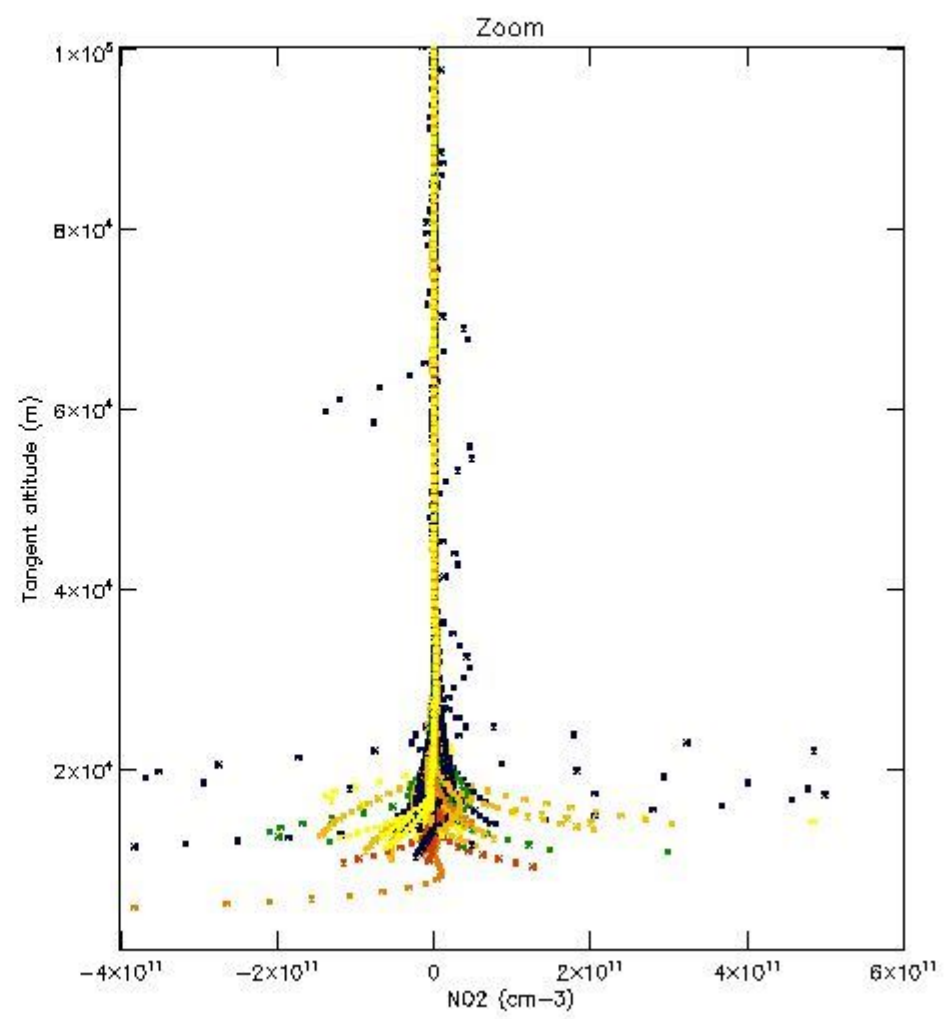
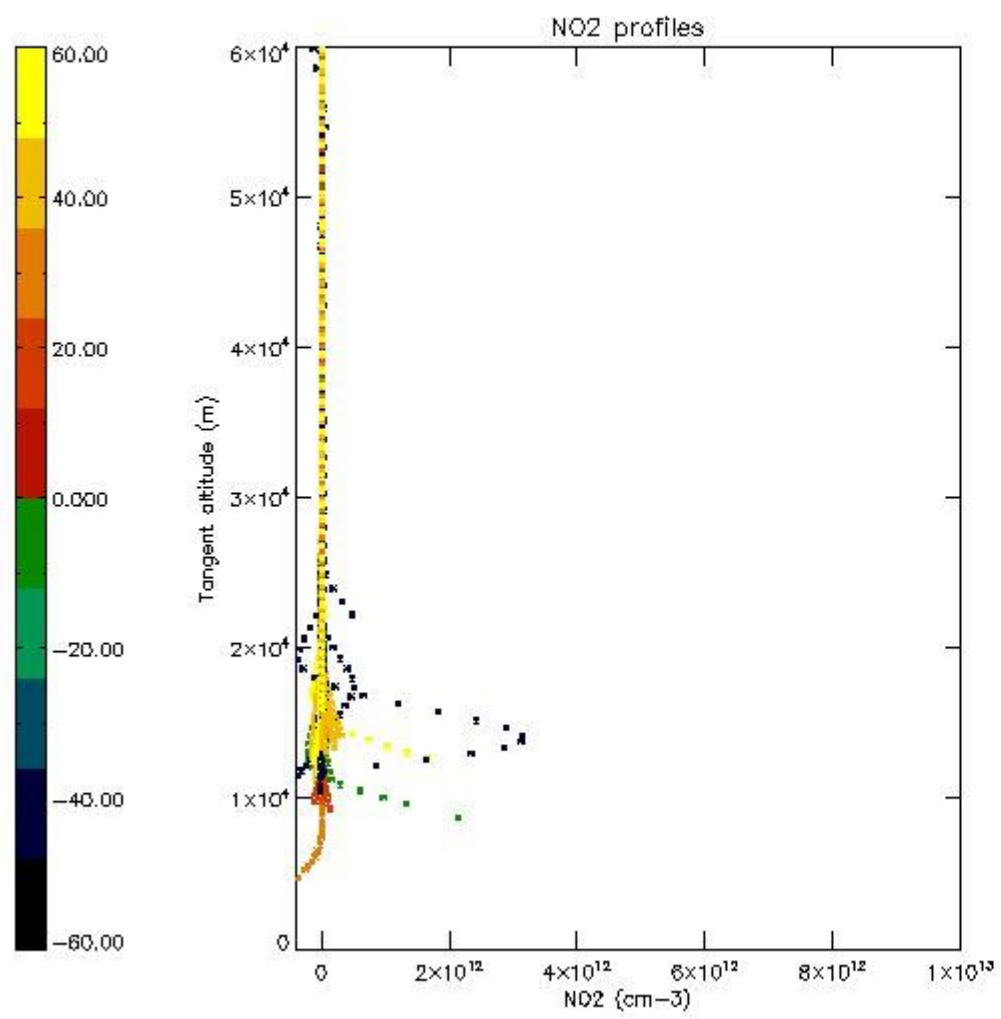
The colorbar represents the latitude.





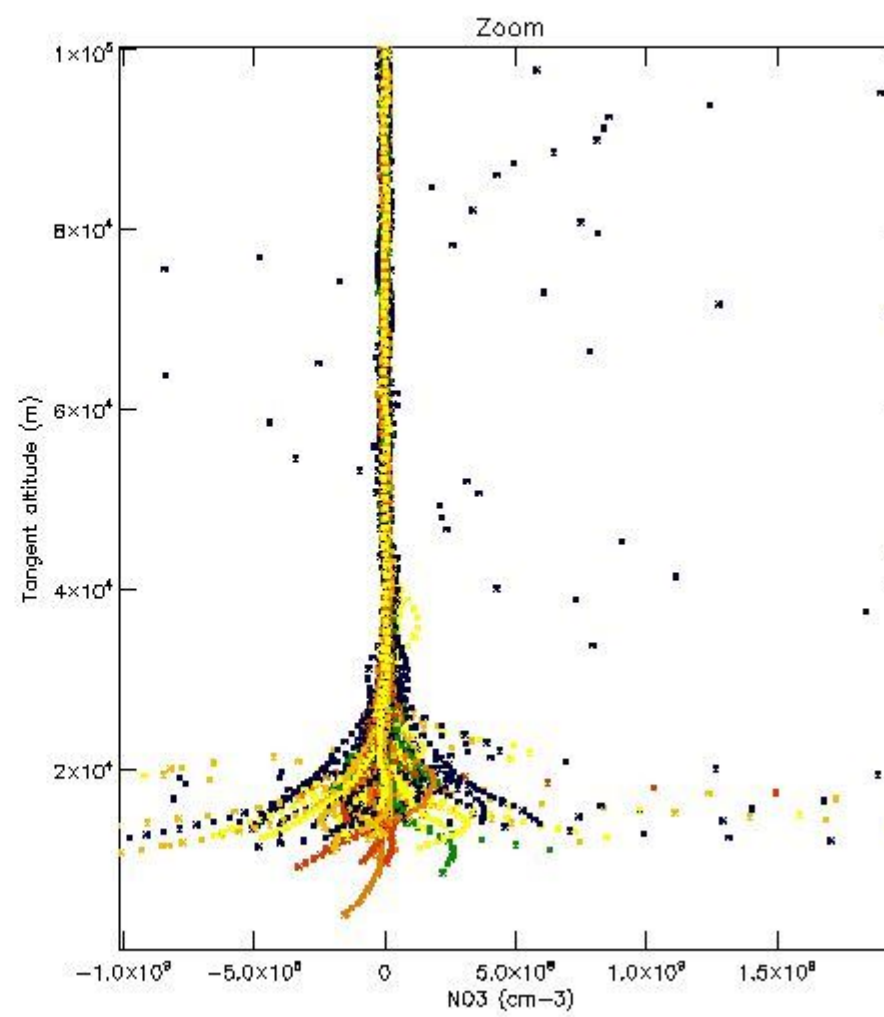
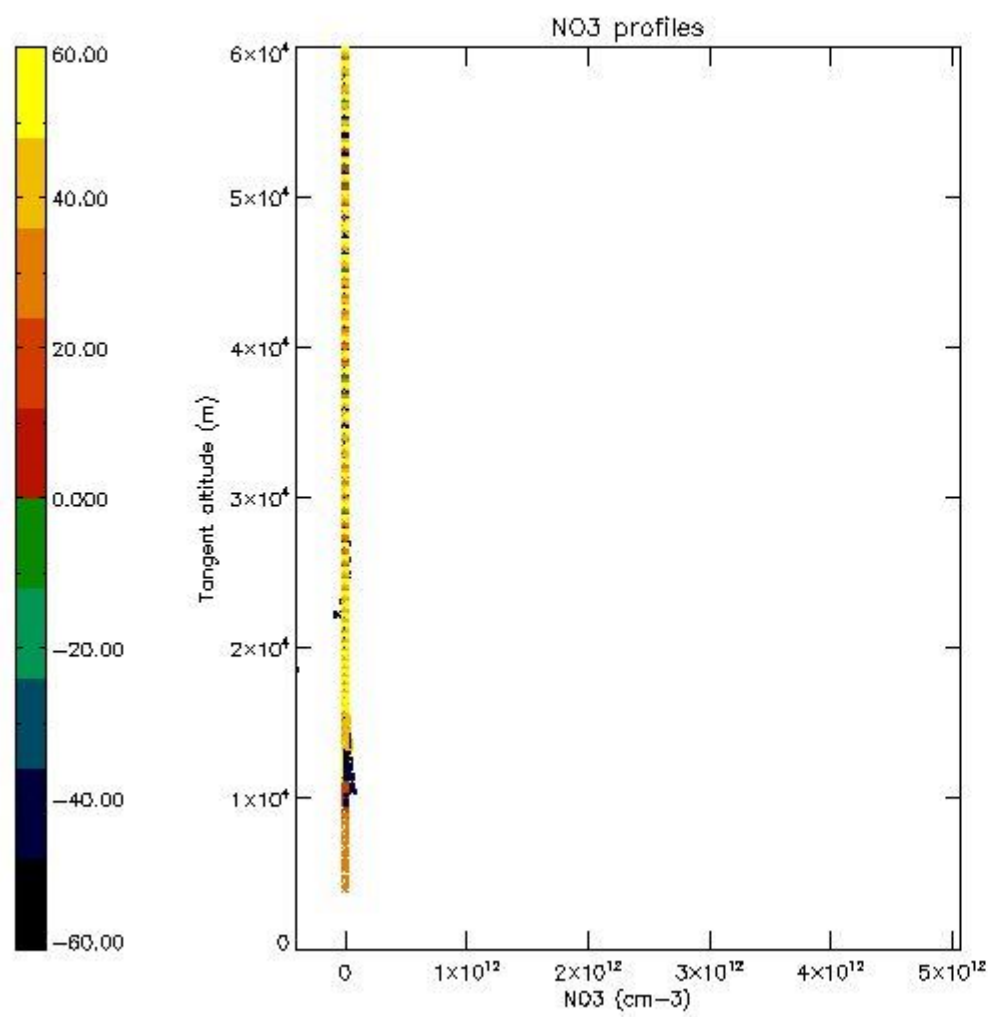
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



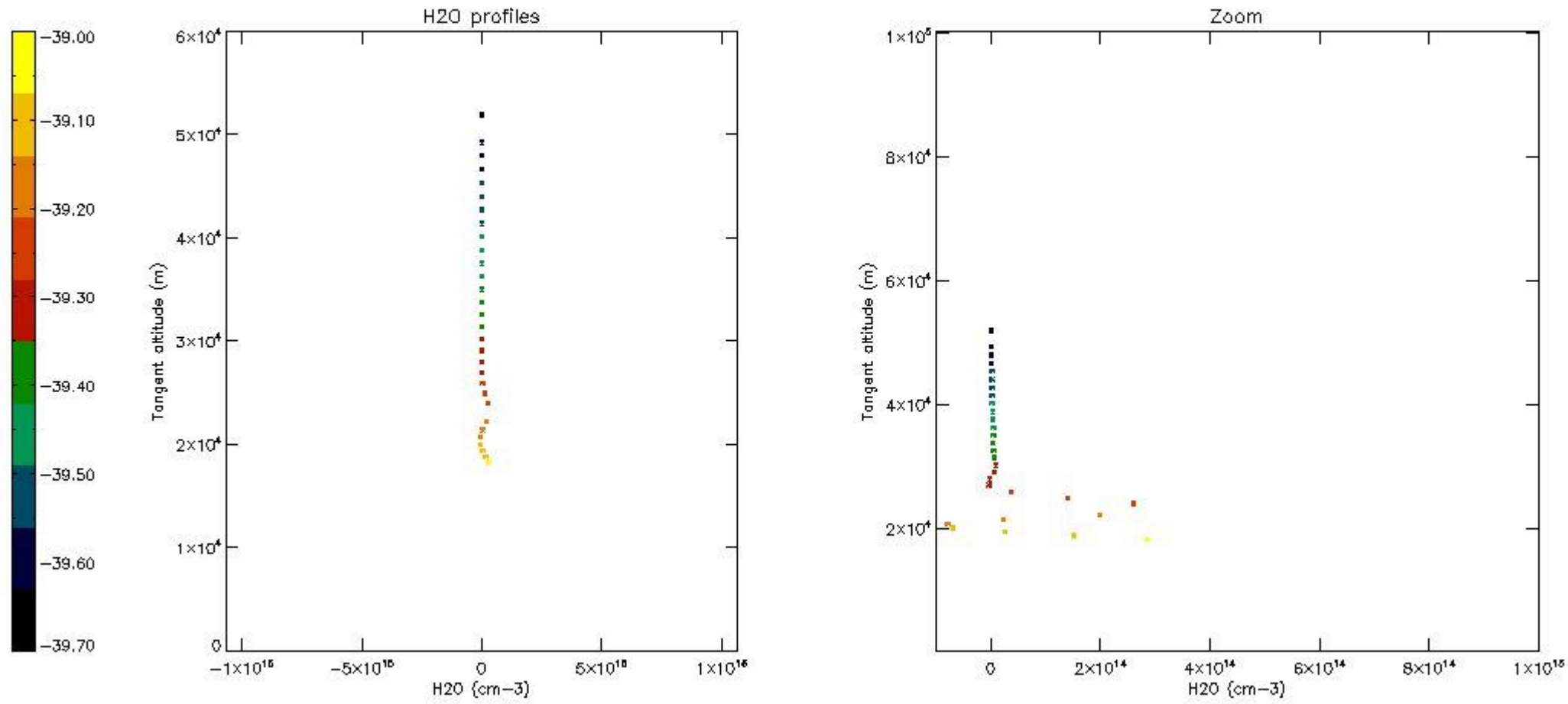
*5.7 Plot NO3 profiles for all STD (dark without errors)*

The colorbar represents the latitude.



5.8 Plot H<sub>2</sub>O 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	05-DEC-2009 00:03:22
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	05-DEC-2009 00:03:22
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	05-DEC-2009 00:03:22



# 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	26APR2013 14:39:02
Data source version	GOMOS/6.01
Start time of products	05-12-2009 (05DEC2009 00:00:00)
Stop time of products	06-12-2009 (06DEC2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	328
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__2PRFIN20091205_000322_000000562084_00460_40594_4669.N1	05-DEC-2009 00:03:22	Straylight	55.500	7	19Bet Ori	0.10000	14000.	111	40594	No
2	GOM_NL__2PRFIN20091205_000607_000000602084_00460_40594_4670.N1	05-DEC-2009 00:06:07	Twilight_stray	59.500	30	46Eps Ori	1.6940	30000.	119	40594	No
3	GOM_NL__2PRFIN20091205_000843_000000572084_00460_40594_4671.N1	05-DEC-2009 00:08:43	Twilight_stray	56.500	27	24Gam Ori	1.6360	26000.	113	40594	No
4	GOM_NL__2PRFIN20091205_001107_000000602084_00460_40594_4672.N1	05-DEC-2009 00:11:07	Bright	60.000	13	87Alp Tau	0.86700	3800.0	120	40594	No
5	GOM_NL__2PRFIN20091205_001513_000000372084_00460_40594_4673.N1	05-DEC-2009 00:15:13	Bright	36.500	150	44Zet Per	2.8900	28000.	73	40594	No
6	GOM_NL__2PRFIN20091205_001646_000000462084_00460_40594_4674.N1	05-DEC-2009 00:16:46	Bright	45.500	114	3lot Aur	2.6930	4600.0	91	40594	No
7	GOM_NL__2PRFIN20091205_002106_000000502084_00460_40594_4675.N1	05-DEC-2009 00:21:06	Bright	49.500	6	13Alp Aur	0.080000	3400.0	99	40594	No
8	GOM_NL__2PRFIN20091205_002239_000000502084_00460_40594_4676.N1	05-DEC-2009 00:22:39	Bright	50.000	42	34Bet Aur	1.9000	10200.	100	40594	No
9	GOM_NL__2PRFIN20091205_003733_000000442084_00460_40594_4677.N1	05-DEC-2009 00:37:33	Bright	44.000	36	50Alp UMa	1.8000	6300.0	88	40594	No
10	GOM_NL__2PRFIN20091205_003907_000000472084_00460_40594_4678.N1	05-DEC-2009 00:39:07	Bright	47.000	82	48Bet UMa	2.3650	10600.	94	40594	No
11	GOM_NL__2PRFIN20091205_004101_000000582084_00460_40594_4679.N1	05-DEC-2009 00:41:01	Bright	58.000	32	77Eps UMa	1.7630	11000.	116	40594	No
12	GOM_NL__2PRFIN20091205_004313_000000362084_00460_40594_4680.N1	05-DEC-2009 00:43:13	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	40594	No
13	GOM_NL__2PRFIN20091205_004644_000000602084_00460_40594_4681.N1	05-DEC-2009 00:46:44	Bright	60.000	152	12Alp2CVn	2.8900	11000.	120	40594	No
14	GOM_NL__2PRFIN20091205_005536_000000612084_00460_40594_4682.N1	05-DEC-2009 00:55:36	Bright	61.000	138	47Eps Vir	2.8280	4700.0	122	40594	No
15	GOM_NL__2PRFIN20091205_010009_000000452084_00460_40594_4683.N1	05-DEC-2009 01:00:09	Bright	45.000	121	29Gam Vir	2.7400	7200.0	90	40594	No
16	GOM_NL__2PRFIN20091205_010738_000000512084_00460_40594_4684.N1	05-DEC-2009 01:07:38	Dark	51.000	171	2Eps Crv	3.0010	4250.0	102	40594	No
17	GOM_NL__2PRFIN20091205_011702_000000532084_00461_40595_4672.N1	05-DEC-2009 01:17:02	Dark	53.000	113	Mu Vel	2.6920	5000.0	106	40595	No
18	GOM_NL__2PRFIN20091205_012543_000000492084_00461_40595_4673.N1	05-DEC-2009 01:25:43	Dark	49.000	34	Gam2Vel	1.7930	23000.	98	40595	No
19	GOM_NL__2PRFIN20091205_012844_000000482084_00461_40595_4674.N1	05-DEC-2009 01:28:44	Dark	47.500	2	Alp Car	-0.73600	7000.0	95	40595	No
20	GOM_NL__2PRFIN20091205_013054_000000612084_00461_40595_4675.N1	05-DEC-2009 01:30:54	Dark	60.500	117	Pi Pup	2.7060	3800.0	121	40595	No
21	GOM_NL__2PRFIN20091205_013433_000000642084_00461_40595_4676.N1	05-DEC-2009 01:34:33	Dark	63.500	23	21Eps CMa	1.5020	26000.	127	40595	No
22	GOM_NL__2PRFIN20091205_014032_000000522084_00461_40595_4677.N1	05-DEC-2009 01:40:32	Straylight	52.000	101	11Alp Lep	2.5820	7000.0	104	40595	No
23	GOM_NL__2PRFIN20091205_014358_000000572084_00461_40595_4678.N1	05-DEC-2009 01:43:58	Straylight	56.500	7	19Bet Ori	0.10000	14000.	113	40595	No
24	GOM_NL__2PRFIN20091205_014643_000000592084_00461_40595_4679.N1	05-DEC-2009 01:46:43	Twilight_stray	58.500	30	46Eps Ori	1.6940	30000.	117	40595	No
25	GOM_NL__2PRFIN20091205_014918_000000562084_00461_40595_4680.N1	05-DEC-2009 01:49:18	Twilight_stray	56.000	27	24Gam Ori	1.6360	26000.	112	40595	No
26	GOM_NL__2PRFIN20091205_015143_000000602084_00461_40595_4681.N1	05-DEC-2009 01:51:43	Bright	60.000	13	87Alp Tau	0.86700	3800.0	120	40595	No
27	GOM_NL__2PRFIN20091205_015548_000000372084_00461_40595_4682.N1	05-DEC-2009 01:55:48	Bright	37.000	150	44Zet Per	2.8900	28000.	74	40595	No
28	GOM_NL__2PRFIN20091205_015721_000000462084_00461_40595_4683.N1	05-DEC-2009 01:57:21	Bright	45.500	114	3lot Aur	2.6930	4600.0	91	40595	No
29	GOM_NL__2PRFIN20091205_020141_000000482084_00461_40595_4684.N1	05-DEC-2009 02:01:41	Bright	48.000	6	13Alp Aur	0.080000	3400.0	96	40595	No
30	GOM_NL__2PRFIN20091205_020314_000000492084_00461_40595_4685.N1	05-DEC-2009 02:03:14	Bright	48.500	42	34Bet Aur	1.9000	10200.	97	40595	No
31	GOM_NL__2PRFIN20091205_021808_000000462084_00461_40595_4686.N1	05-DEC-2009 02:18:08	Bright	45.500	36	50Alp UMa	1.8000	6300.0	91	40595	No
32	GOM_NL__2PRFIN20091205_021942_000000692084_00461_40595_4687.N1	05-DEC-2009 02:19:42	Bright	69.000	82	48Bet UMa	2.3650	10600.	138	40595	No
33	GOM_NL__2PRFIN20091205_022137_000000432084_00461_40595_4688.N1	05-DEC-2009 02:21:37	Bright	42.500	32	77Eps UMa	1.7630	11000.	85	40595	No
34	GOM_NL__2PRFIN20091205_022349_000000362084_00461_40595_4689.N1	05-DEC-2009 02:23:49	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	40595	No
35	GOM_NL__2PRFIN20091205_022719_000000402084_00461_40595_4690.N1	05-DEC-2009 02:27:19	Bright	39.500	152	12Alp2CVn	2.8900	11000.	79	40595	No
36	GOM_NL__2PRFIN20091205_023612_000000612084_00461_40595_4691.N1	05-DEC-2009 02:36:12	Bright	61.000	138	47Eps Vir	2.8280	4700.0	122	40595	No
37	GOM_NL__2PRFIN20091205_024046_000000502084_00461_40595_4692.N1	05-DEC-2009 02:40:46	Bright	49.500	121	29Gam Vir	2.7400	7200.0	99	40595	No
38	GOM_NL__2PRFIN20091205_024815_000000522084_00461_40595_4693.N1	05-DEC-2009 02:48:15	Dark	51.500	171	2Eps Crv	3.0010	4250.0	103	40595	No
39	GOM_NL__2PRFIN20091205_025739_000000432084_00462_40596_4681.N1	05-DEC-2009 02:57:39	Dark	43.000	113	Mu Vel	2.6920	5000.0	86	40596	No
40	GOM_NL__2PRFIN20091205_030620_000000472084_00462_40596_4682.N1	05-DEC-2009 03:06:20	Dark	47.000	34	Gam2Vel	1.7930	23000.	94	40596	No
41	GOM_NL__2PRFIN20091205_030921_000000462084_00462_40596_4683.N1	05-DEC-2009 03:09:21	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	40596	No
42	GOM_NL__2PRFIN20091205_031130_000000582084_00462_40596_4684.N1	05-DEC-2009 03:11:30	Dark	58.000	117	Pi Pup	2.7060	3800.0	116	40596	No

43	GOM_NL__2PRFIN20091205_031510_000000642084_00462_40596_4685.N1	05-DEC-2009 03:15:10	Dark	63.500	23	21Eps CMa	1.5020	26000.	127	40596	No
44	GOM_NL__2PRFIN20091205_032108_000000512084_00462_40596_4686.N1	05-DEC-2009 03:21:08	Straylight	50.500	101	11Alp Lep	2.5820	7000.0	101	40596	No
45	GOM_NL__2PRFIN20091205_032433_000000552084_00462_40596_4687.N1	05-DEC-2009 03:24:33	Straylight	55.000	7	19Bet Ori	0.10000	14000.	110	40596	No
46	GOM_NL__2PRFIN20091205_032718_000000582084_00462_40596_4688.N1	05-DEC-2009 03:27:18	Tw_i_and_stray	58.000	30	46Eps Ori	1.6940	30000.	116	40596	No
47	GOM_NL__2PRFIN20091205_032954_000000592084_00462_40596_4689.N1	05-DEC-2009 03:29:54	Tw_i_and_stray	58.500	27	24Gam Ori	1.6360	26000.	117	40596	No
48	GOM_NL__2PRFIN20091205_033219_000000592084_00462_40596_4690.N1	05-DEC-2009 03:32:19	Bright	59.000	13	87Alp Tau	0.86700	3800.0	118	40596	No
49	GOM_NL__2PRFIN20091205_033624_000000392084_00462_40596_4691.N1	05-DEC-2009 03:36:24	Bright	39.000	150	44Zet Per	2.8900	28000.	78	40596	No
50	GOM_NL__2PRFIN20091205_033757_000000452084_00462_40596_4692.N1	05-DEC-2009 03:37:57	Bright	45.000	114	3lot Aur	2.6930	4600.0	90	40596	No
51	GOM_NL__2PRFIN20091205_034216_000000452084_00462_40596_4693.N1	05-DEC-2009 03:42:16	Bright	44.500	6	13Alp Aur	0.080000	3400.0	89	40596	No
52	GOM_NL__2PRFIN20091205_034349_000000492084_00462_40596_4694.N1	05-DEC-2009 03:43:49	Bright	48.500	42	34Bet Aur	1.9000	10200.	97	40596	No
53	GOM_NL__2PRFIN20091205_035844_000000502084_00462_40596_4695.N1	05-DEC-2009 03:58:44	Bright	49.500	36	50Alp UMa	1.8000	6300.0	99	40596	No
54	GOM_NL__2PRFIN20091205_040018_000000462084_00462_40596_4696.N1	05-DEC-2009 04:00:18	Bright	46.000	82	48Bet UMa	2.3650	10600.	92	40596	No
55	GOM_NL__2PRFIN20091205_040213_000000392084_00462_40596_4697.N1	05-DEC-2009 04:02:13	Bright	39.000	32	77Eps UMa	1.7630	11000.	78	40596	No
56	GOM_NL__2PRFIN20091205_040425_000000392084_00462_40596_4698.N1	05-DEC-2009 04:04:25	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	40596	No
57	GOM_NL__2PRFIN20091205_040756_000000412084_00462_40596_4699.N1	05-DEC-2009 04:07:56	Bright	41.000	152	12Alp2CVn	2.8900	11000.	82	40596	No
58	GOM_NL__2PRFIN20091205_041649_000000402084_00462_40596_4700.N1	05-DEC-2009 04:16:49	Bright	39.500	138	47Eps Vir	2.8280	4700.0	79	40596	No
59	GOM_NL__2PRFIN20091205_042122_000000522084_00462_40596_4701.N1	05-DEC-2009 04:21:22	Bright	51.500	121	29Gam Vir	2.7400	7200.0	103	40596	No
60	GOM_NL__2PRFIN20091205_042716_000000512084_00462_40596_4702.N1	05-DEC-2009 04:27:16	Dark	51.000	100	4Gam Crv	2.5800	13100.	102	40596	No
61	GOM_NL__2PRFIN20091205_042852_000000542084_00462_40596_4703.N1	05-DEC-2009 04:28:52	Dark	54.000	171	2Eps Crv	3.0010	4250.0	108	40596	No
62	GOM_NL__2PRFIN20091205_043816_000000442084_00463_40597_4690.N1	05-DEC-2009 04:38:16	Dark	43.500	113	Mu Vel	2.6920	5000.0	87	40597	No
63	GOM_NL__2PRFIN20091205_044657_000000522084_00463_40597_4691.N1	05-DEC-2009 04:46:57	Dark	51.500	34	Gam2Vel	1.7930	23000.	103	40597	No
64	GOM_NL__2PRFIN20091205_044957_000000572084_00463_40597_4692.N1	05-DEC-2009 04:49:57	Dark	57.000	2	Alp Car	-0.73600	7000.0	114	40597	No
65	GOM_NL__2PRFIN20091205_045207_000000592084_00463_40597_4693.N1	05-DEC-2009 04:52:07	Dark	58.500	117	Pi Pup	2.7060	3800.0	117	40597	No
66	GOM_NL__2PRFIN20091205_045546_000000612084_00463_40597_4694.N1	05-DEC-2009 04:55:46	Dark	61.000	23	21Eps CMa	1.5020	26000.	122	40597	No
67	GOM_NL__2PRFIN20091205_050144_000000512084_00463_40597_4695.N1	05-DEC-2009 05:01:44	Straylight	50.500	101	11Alp Lep	2.5820	7000.0	101	40597	No
68	GOM_NL__2PRFIN20091205_050509_000000532084_00463_40597_4696.N1	05-DEC-2009 05:05:09	Straylight	52.500	7	19Bet Ori	0.10000	14000.	105	40597	No
69	GOM_NL__2PRFIN20091205_050754_000000592084_00463_40597_4697.N1	05-DEC-2009 05:07:54	Straylight	58.500	30	46Eps Ori	1.6940	30000.	117	40597	No
70	GOM_NL__2PRFIN20091205_051029_000000592084_00463_40597_4698.N1	05-DEC-2009 05:10:29	Tw_i_and_stray	58.500	27	24Gam Ori	1.6360	26000.	117	40597	No
71	GOM_NL__2PRFIN20091205_051254_000000592084_00463_40597_4699.N1	05-DEC-2009 05:12:54	Bright	59.000	13	87Alp Tau	0.86700	3800.0	118	40597	No
72	GOM_NL__2PRFIN20091205_051700_000000382084_00463_40597_4700.N1	05-DEC-2009 05:17:00	Bright	38.000	150	44Zet Per	2.8900	28000.	76	40597	No
73	GOM_NL__2PRFIN20091205_051833_000000452084_00463_40597_4701.N1	05-DEC-2009 05:18:33	Bright	44.500	114	3lot Aur	2.6930	4600.0	89	40597	No
74	GOM_NL__2PRFIN20091205_052252_000000472084_00463_40597_4702.N1	05-DEC-2009 05:22:52	Bright	46.500	6	13Alp Aur	0.080000	3400.0	93	40597	No
75	GOM_NL__2PRFIN20091205_052424_000000492084_00463_40597_4703.N1	05-DEC-2009 05:24:24	Bright	49.000	42	34Bet Aur	1.9000	10200.	98	40597	No
76	GOM_NL__2PRFIN20091205_053919_000000552084_00463_40597_4704.N1	05-DEC-2009 05:39:19	Bright	55.000	36	50Alp UMa	1.8000	6300.0	110	40597	No
77	GOM_NL__2PRFIN20091205_054054_000000492084_00463_40597_4705.N1	05-DEC-2009 05:40:54	Bright	48.500	82	48Bet UMa	2.3650	10600.	97	40597	No
78	GOM_NL__2PRFIN20091205_054249_000000412084_00463_40597_4706.N1	05-DEC-2009 05:42:49	Bright	41.000	32	77Eps UMa	1.7630	11000.	82	40597	No
79	GOM_NL__2PRFIN20091205_054501_000000372084_00463_40597_4707.N1	05-DEC-2009 05:45:01	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	40597	No
80	GOM_NL__2PRFIN20091205_054831_000000392084_00463_40597_4708.N1	05-DEC-2009 05:48:31	Bright	38.500	152	12Alp2CVn	2.8900	11000.	77	40597	No
81	GOM_NL__2PRFIN20091205_055725_000000622084_00463_40597_4709.N1	05-DEC-2009 05:57:25	Bright	62.000	138	47Eps Vir	2.8280	4700.0	124	40597	No
82	GOM_NL__2PRFIN20091205_060159_000000522084_00463_40597_4710.N1	05-DEC-2009 06:01:59	Bright	51.500	121	29Gam Vir	2.7400	7200.0	103	40597	No
83	GOM_NL__2PRFIN20091205_060753_000000522084_00463_40597_4711.N1	05-DEC-2009 06:07:53	Dark	51.500	100	4Gam Crv	2.5800	13100.	103	40597	No
84	GOM_NL__2PRFIN20091205_060929_000000512084_00463_40597_4712.N1	05-DEC-2009 06:09:29	Dark	51.000	171	2Eps Crv	3.0010	4250.0	102	40597	No
85	GOM_NL__2PRFIN20091205_061853_000000452084_00464_40598_4700.N1	05-DEC-2009 06:18:53	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	40598	No
86	GOM_NL__2PRFIN20091205_062734_000000522084_00464_40598_4701.N1	05-DEC-2009 06:27:34	Dark	51.500	34	Gam2Vel	1.7930	23000.	103	40598	No
87	GOM_NL__2PRFIN20091205_063034_000000482084_00464_40598_4702.N1	05-DEC-2009 06:30:34	Dark	48.000	2	Alp Car	-0.73600	7000.0	96	40598	No
88	GOM_NL__2PRFIN20091205_063244_000000592084_00464_40598_4703.N1	05-DEC-2009 06:32:44	Dark	58.500	117	Pi Pup	2.7060	3800.0	117	40598	No
89	GOM_NL__2PRFIN20091205_063623_000000632084_00464_40598_4704.N1	05-DEC-2009 06:36:23	Dark	62.500	23	21Eps CMa	1.5020	26000.	125	40598	No
90	GOM_NL__2PRFIN20091205_064220_000000522084_00464_40598_4705.N1	05-DEC-2009 06:42:20	Straylight	51.500	101	11Alp Lep	2.5820	7000.0	103	40598	No
91	GOM_NL__2PRFIN20091205_064545_000000572084_00464_40598_4706.N1	05-DEC-2009 06:45:45	Straylight	56.500	7	19Bet Ori	0.10000	14000.	113	40598	No
92	GOM_NL__2PRFIN20091205_064829_000000582084_00464_40598_4707.N1	05-DEC-2009 06:48:29	Straylight	58.000	30	46Eps Ori	1.6940	30000.	116	40598	No
93	GOM_NL__2PRFIN20091205_065105_000000572084_00464_40598_4708.N1	05-DEC-2009 06:51:05	Tw_i_and_stray	57.000	27	24Gam Ori	1.6360	26000.	114	40598	No
94	GOM_NL__2PRFIN20091205_065330_000000552084_00464_40598_4709.N1	05-DEC-2009 06:53:30	Bright	55.000	13	87Alp Tau	0.86700	3800.0	110	40598	No
95	GOM_NL__2PRFIN20091205_065736_000000382084_00464_40598_4710.N1	05-DEC-2009 06:57:36	Bright	38.000	150	44Zet Per	2.8900	28000.	76	40598	No
96	GOM_NL__2PRFIN20091205_065908_000000462084_00464_40598_4711.N1	05-DEC-2009 06:59:08	Bright	45.500	114	3lot Aur	2.6930	4600.0	91	40598	No
97	GOM_NL__2PRFIN20091205_070327_000000482084_00464_40598_4712.N1	05-DEC-2009 07:03:27	Bright	48.000	6	13Alp Aur	0.080000	3400.0	96	40598	No
98	GOM_NL__2PRFIN20091205_070459_000000482084_00464_40598_4713.N1	05-DEC-2009 07:04:59	Bright	47.500	42	34Bet Aur	1.9000	10200.	95	40598	No
99	GOM_NL__2PRFIN20091205_071955_000000482084_00464_40598_4714.N1	05-DEC-2009 07:19:55	Bright	48.000	36	50Alp UMa	1.8000	6300.0	96	40598	No
100	GOM_NL__2PRFIN20091205_072129_000000502084_00464_40598_4715.N1	05-DEC-2009 07:21:29	Bright	49.500	82	48Bet UMa	2.3650	10600.	99	40598	No
101	GOM_NL__2PRFIN20091205_072325_000000392084_00464_40598_4716.N1	05-DEC-2009 07:23:25	Bright	39.000	32	77Eps UMa	1.7630	11000.	78	40598	No

102	GOM_NL__2PRFIN20091205_072537_000000362084_00464_40598_4717.N1	05-DEC-2009 07:25:37	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	40598	No
103	GOM_NL__2PRFIN20091205_072907_000000402084_00464_40598_4718.N1	05-DEC-2009 07:29:07	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	40598	No
104	GOM_NL__2PRFIN20091205_073801_000000412084_00464_40598_4719.N1	05-DEC-2009 07:38:01	Bright	40.500	138	47Eps Vir	2.8280	4700.0	81	40598	No
105	GOM_NL__2PRFIN20091205_074235_000000502084_00464_40598_4720.N1	05-DEC-2009 07:42:35	Bright	49.500	121	29Gam Vir	2.7400	7200.0	99	40598	No
106	GOM_NL__2PRFIN20091205_074830_000000542084_00464_40598_4721.N1	05-DEC-2009 07:48:30	Dark	54.000	100	4Gam Crv	2.5800	13100.	108	40598	No
107	GOM_NL__2PRFIN20091205_075006_000000522084_00464_40598_4722.N1	05-DEC-2009 07:50:06	Dark	51.500	171	2Eps Crv	3.0010	4250.0	103	40598	No
108	GOM_NL__2PRFIN20091205_075930_000000452084_00465_40599_4708.N1	05-DEC-2009 07:59:30	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	40599	No
109	GOM_NL__2PRFIN20091205_080811_000000552084_00465_40599_4709.N1	05-DEC-2009 08:08:11	Dark	54.500	34	Gam2Vel	1.7930	23000.	109	40599	No
110	GOM_NL__2PRFIN20091205_081112_000000402084_00465_40599_4710.N1	05-DEC-2009 08:11:12	Dark	40.000	2	Alp Car	-0.73600	7000.0	80	40599	No
111	GOM_NL__2PRFIN20091205_081320_000000572084_00465_40599_4711.N1	05-DEC-2009 08:13:20	Dark	57.000	117	Pi Pup	2.7060	3800.0	114	40599	No
112	GOM_NL__2PRFIN20091205_081659_000000622084_00465_40599_4712.N1	05-DEC-2009 08:16:59	Dark	62.000	23	21Eps CMa	1.5020	26000.	124	40599	No
113	GOM_NL__2PRFIN20091205_082257_000000522084_00465_40599_4713.N1	05-DEC-2009 08:22:57	Straylight	52.000	101	11Alp Lep	2.5820	7000.0	104	40599	No
114	GOM_NL__2PRFIN20091205_082621_000000542084_00465_40599_4714.N1	05-DEC-2009 08:26:21	Straylight	54.000	7	19Bet Ori	0.10000	14000.	108	40599	No
115	GOM_NL__2PRFIN20091205_082905_000000592084_00465_40599_4715.N1	05-DEC-2009 08:29:05	Straylight	59.000	30	46Eps Ori	1.6940	30000.	118	40599	No
116	GOM_NL__2PRFIN20091205_083140_000000582084_00465_40599_4716.N1	05-DEC-2009 08:31:40	Twi_and_stray	57.500	27	24Gam Ori	1.6360	26000.	115	40599	No
117	GOM_NL__2PRFIN20091205_083406_000000592084_00465_40599_4717.N1	05-DEC-2009 08:34:06	Bright	59.000	13	87Alp Tau	0.86700	3800.0	118	40599	No
118	GOM_NL__2PRFIN20091205_083811_000000382084_00465_40599_4718.N1	05-DEC-2009 08:38:11	Bright	37.500	150	44Zet Per	2.8900	28000.	75	40599	No
119	GOM_NL__2PRFIN20091205_083944_000000462084_00465_40599_4719.N1	05-DEC-2009 08:39:44	Bright	45.500	114	3lot Aur	2.6930	4600.0	91	40599	No
120	GOM_NL__2PRFIN20091205_084403_000000632084_00465_40599_4720.N1	05-DEC-2009 08:44:03	Bright	63.000	6	13Alp Aur	0.080000	3400.0	126	40599	No
121	GOM_NL__2PRFIN20091205_084534_000000492084_00465_40599_4721.N1	05-DEC-2009 08:45:34	Bright	48.500	42	34Bet Aur	1.9000	10200.	97	40599	No
122	GOM_NL__2PRFIN20091205_090031_000000482084_00465_40599_4722.N1	05-DEC-2009 09:00:31	Bright	48.000	36	50Alp UMa	1.8000	6300.0	96	40599	No
123	GOM_NL__2PRFIN20091205_090205_000000482084_00465_40599_4723.N1	05-DEC-2009 09:02:05	Bright	48.000	82	48Bet UMa	2.3650	10600.	96	40599	No
124	GOM_NL__2PRFIN20091205_090400_000000422084_00465_40599_4724.N1	05-DEC-2009 09:04:00	Bright	42.000	32	77Eps UMa	1.7630	11000.	84	40599	No
125	GOM_NL__2PRFIN20091205_090613_000000382084_00465_40599_4725.N1	05-DEC-2009 09:06:13	Bright	38.000	39	85Eta UMa	1.8540	24000.	76	40599	No
126	GOM_NL__2PRFIN20091205_090943_000000612084_00465_40599_4726.N1	05-DEC-2009 09:09:43	Bright	61.000	152	12Alp2CVn	2.8900	11000.	122	40599	No
127	GOM_NL__2PRFIN20091205_091838_000000582084_00465_40599_4727.N1	05-DEC-2009 09:18:38	Bright	58.000	138	47Eps Vir	2.8280	4700.0	116	40599	No
128	GOM_NL__2PRFIN20091205_092312_000000662084_00465_40599_4728.N1	05-DEC-2009 09:23:12	Bright	65.500	121	29Gam Vir	2.7400	7200.0	131	40599	No
129	GOM_NL__2PRFIN20091205_092906_000000492084_00465_40599_4729.N1	05-DEC-2009 09:29:06	Dark	49.000	100	4Gam Crv	2.5800	13100.	98	40599	No
130	GOM_NL__2PRFIN20091205_093043_000000492084_00465_40599_4730.N1	05-DEC-2009 09:30:43	Dark	48.500	171	2Eps Crv	3.0010	4250.0	97	40599	No
131	GOM_NL__2PRFIN20091205_094006_000000442084_00466_40600_4717.N1	05-DEC-2009 09:40:06	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	40600	No
132	GOM_NL__2PRFIN20091205_094847_000000492084_00466_40600_4718.N1	05-DEC-2009 09:48:47	Dark	48.500	34	Gam2Vel	1.7930	23000.	97	40600	No
133	GOM_NL__2PRFIN20091205_095042_000000552084_00466_40600_4719.N1	05-DEC-2009 09:50:42	Dark	55.000	70	Zet Pup	2.2460	39000.	110	40600	No
134	GOM_NL__2PRFIN20091205_095357_000000542084_00466_40600_4720.N1	05-DEC-2009 09:53:57	Dark	54.000	117	Pi Pup	2.7060	3800.0	108	40600	No
135	GOM_NL__2PRFIN20091205_095736_000000622084_00466_40600_4721.N1	05-DEC-2009 09:57:36	Dark	61.500	23	21Eps CMa	1.5020	26000.	123	40600	No
136	GOM_NL__2PRFIN20091205_100332_000000522084_00466_40600_4722.N1	05-DEC-2009 10:03:32	Straylight	51.500	101	11Alp Lep	2.5820	7000.0	103	40600	No
137	GOM_NL__2PRFIN20091205_100657_000000562084_00466_40600_4723.N1	05-DEC-2009 10:06:57	Straylight	56.000	7	19Bet Ori	0.10000	14000.	112	40600	No
138	GOM_NL__2PRFIN20091205_100941_000000562084_00466_40600_4724.N1	05-DEC-2009 10:09:41	Straylight	56.000	30	46Eps Ori	1.6940	30000.	112	40600	No
139	GOM_NL__2PRFIN20091205_101216_000000562084_00466_40600_4725.N1	05-DEC-2009 10:12:16	Twi_and_stray	56.000	27	24Gam Ori	1.6360	26000.	112	40600	No
140	GOM_NL__2PRFIN20091205_101442_000000522084_00466_40600_4726.N1	05-DEC-2009 10:14:42	Bright	52.000	13	87Alp Tau	0.86700	3800.0	104	40600	No
141	GOM_NL__2PRFIN20091205_101847_000000382084_00466_40600_4727.N1	05-DEC-2009 10:18:47	Bright	37.500	150	44Zet Per	2.8900	28000.	75	40600	No
142	GOM_NL__2PRFIN20091205_102019_000000632084_00466_40600_4728.N1	05-DEC-2009 10:20:19	Bright	63.000	114	3lot Aur	2.6930	4600.0	126	40600	No
143	GOM_NL__2PRFIN20091205_102438_000000492084_00466_40600_4729.N1	05-DEC-2009 10:24:38	Bright	48.500	6	13Alp Aur	0.080000	3400.0	97	40600	No
144	GOM_NL__2PRFIN20091205_102609_000000492084_00466_40600_4730.N1	05-DEC-2009 10:26:09	Bright	48.500	42	34Bet Aur	1.9000	10200.	97	40600	No
145	GOM_NL__2PRFIN20091205_104106_000000502084_00466_40600_4731.N1	05-DEC-2009 10:41:06	Bright	49.500	36	50Alp UMa	1.8000	6300.0	99	40600	No
146	GOM_NL__2PRFIN20091205_104240_000000462084_00466_40600_4732.N1	05-DEC-2009 10:42:40	Bright	46.000	82	48Bet UMa	2.3650	10600.	92	40600	No
147	GOM_NL__2PRFIN20091205_104436_000000422084_00466_40600_4733.N1	05-DEC-2009 10:44:36	Bright	42.000	32	77Eps UMa	1.7630	11000.	84	40600	No
148	GOM_NL__2PRFIN20091205_104649_000000412084_00466_40600_4734.N1	05-DEC-2009 10:46:49	Bright	41.000	39	85Eta UMa	1.8540	24000.	82	40600	No
149	GOM_NL__2PRFIN20091205_105019_000000532084_00466_40600_4735.N1	05-DEC-2009 10:50:19	Bright	53.000	152	12Alp2CVn	2.8900	11000.	106	40600	No
150	GOM_NL__2PRFIN20091205_105914_000000622084_00466_40600_4736.N1	05-DEC-2009 10:59:14	Bright	62.000	138	47Eps Vir	2.8280	4700.0	124	40600	No
151	GOM_NL__2PRFIN20091205_110349_000000522084_00466_40600_4737.N1	05-DEC-2009 11:03:49	Bright	51.500	121	29Gam Vir	2.7400	7200.0	103	40600	No
152	GOM_NL__2PRFIN20091205_110943_000000522084_00466_40600_4738.N1	05-DEC-2009 11:09:43	Dark	51.500	100	4Gam Crv	2.5800	13100.	103	40600	No
153	GOM_NL__2PRFIN20091205_111119_000000532084_00466_40600_4739.N1	05-DEC-2009 11:11:19	Dark	52.500	171	2Eps Crv	3.0010	4250.0	105	40600	No
154	GOM_NL__2PRFIN20091205_112043_000000442084_00467_40601_4747.N1	05-DEC-2009 11:20:43	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	40601	No
155	GOM_NL__2PRFIN20091205_112924_000000572084_00467_40601_4748.N1	05-DEC-2009 11:29:24	Dark	56.500	34	Gam2Vel	1.7930	23000.	113	40601	No
156	GOM_NL__2PRFIN20091205_113119_000000522084_00467_40601_4749.N1	05-DEC-2009 11:31:19	Dark	51.500	70	Zet Pup	2.2460	39000.	103	40601	No
157	GOM_NL__2PRFIN20091205_113434_000000612084_00467_40601_4750.N1	05-DEC-2009 11:34:34	Dark	61.000	117	Pi Pup	2.7060	3800.0	122	40601	No
158	GOM_NL__2PRFIN20091205_113812_000000632084_00467_40601_4751.N1	05-DEC-2009 11:38:12	Dark	63.000	23	21Eps CMa	1.5020	26000.	126	40601	No
159	GOM_NL__2PRFIN20091205_114409_000000512084_00467_40601_4752.N1	05-DEC-2009 11:44:09	Straylight	50.500	101	11Alp Lep	2.5820	7000.0	101	40601	No
160	GOM_NL__2PRFIN20091205_114733_000000552084_00467_40601_4753.N1	05-DEC-2009 11:47:33	Straylight	54.500	7	19Bet Ori	0.10000	14000.	109	40601	No



161	GOM_NL__2PRFIN20091205_115016_000000572084_00467_40601_4754.N1	05-DEC-2009 11:50:16	Straylight	56.500	30	46Eps Ori	1.6940	30000.	113	40601	No
162	GOM_NL__2PRFIN20091205_115251_000000552084_00467_40601_4755.N1	05-DEC-2009 11:52:51	Tw_i_and_stray	54.500	27	24Gam Ori	1.6360	26000.	109	40601	No
163	GOM_NL__2PRFIN20091205_115517_000000592084_00467_40601_4756.N1	05-DEC-2009 11:55:17	Bright	59.000	13	87Alp Tau	0.86700	3800.0	118	40601	No
164	GOM_NL__2PRFIN20091205_115923_000000372084_00467_40601_4757.N1	05-DEC-2009 11:59:23	Bright	36.500	150	44Zet Per	2.8900	28000.	73	40601	No
165	GOM_NL__2PRFIN20091205_120054_000000462084_00467_40601_4758.N1	05-DEC-2009 12:00:54	Bright	45.500	114	31ot Aur	2.6930	4600.0	91	40601	No
166	GOM_NL__2PRFIN20091205_120513_000000502084_00467_40601_4759.N1	05-DEC-2009 12:05:13	Bright	49.500	6	13Alp Aur	0.080000	3400.0	99	40601	No
167	GOM_NL__2PRFIN20091205_120644_000000492084_00467_40601_4760.N1	05-DEC-2009 12:06:44	Bright	49.000	42	34Bet Aur	1.9000	10200.	98	40601	No
168	GOM_NL__2PRFIN20091205_122141_000000472084_00467_40601_4761.N1	05-DEC-2009 12:21:41	Bright	46.500	36	50Alp UMa	1.8000	6300.0	93	40601	No
169	GOM_NL__2PRFIN20091205_122316_000000492084_00467_40601_4762.N1	05-DEC-2009 12:23:16	Bright	48.500	82	48Bet UMa	2.3650	10600.	97	40601	No
170	GOM_NL__2PRFIN20091205_122512_000000382084_00467_40601_4763.N1	05-DEC-2009 12:25:12	Bright	37.500	32	77Eps UMa	1.7630	11000.	75	40601	No
171	GOM_NL__2PRFIN20091205_122725_000000352084_00467_40601_4764.N1	05-DEC-2009 12:27:25	Bright	35.000	39	85Eta UMa	1.8540	24000.	70	40601	No
172	GOM_NL__2PRFIN20091205_123055_000000562084_00467_40601_4765.N1	05-DEC-2009 12:30:55	Bright	55.500	152	12Alp2CVn	2.8900	11000.	111	40601	No
173	GOM_NL__2PRFIN20091205_123950_000000622084_00467_40601_4766.N1	05-DEC-2009 12:39:50	Bright	62.000	138	47Eps Vir	2.8280	4700.0	124	40601	No
174	GOM_NL__2PRFIN20091205_124425_000000552084_00467_40601_4767.N1	05-DEC-2009 12:44:25	Bright	54.500	121	29Gam Vir	2.7400	7200.0	109	40601	No
175	GOM_NL__2PRFIN20091205_125020_000000512084_00467_40601_4768.N1	05-DEC-2009 12:50:20	Dark	51.000	100	4Gam Crv	2.5800	13100.	102	40601	No
176	GOM_NL__2PRFIN20091205_125156_000000532084_00467_40601_4769.N1	05-DEC-2009 12:51:56	Dark	53.000	171	2Eps Crv	3.0010	4250.0	106	40601	No
177	GOM_NL__2PRFIN20091205_130120_000000462084_00468_40602_4756.N1	05-DEC-2009 13:01:20	Dark	46.000	113	Mu Vel	2.6920	5000.0	92	40602	No
178	GOM_NL__2PRFIN20091205_131001_000000562084_00468_40602_4757.N1	05-DEC-2009 13:10:01	Dark	56.000	34	Gam2Vel	1.7930	23000.	112	40602	No
179	GOM_NL__2PRFIN20091205_131155_000000542084_00468_40602_4758.N1	05-DEC-2009 13:11:55	Dark	53.500	70	Zet Pup	2.2460	39000.	107	40602	No
180	GOM_NL__2PRFIN20091205_131510_000000612084_00468_40602_4759.N1	05-DEC-2009 13:15:10	Dark	60.500	117	Pi Pup	2.7060	3800.0	121	40602	No
181	GOM_NL__2PRFIN20091205_131849_000000632084_00468_40602_4760.N1	05-DEC-2009 13:18:49	Dark	63.000	23	21Eps CMa	1.5020	26000.	126	40602	No
182	GOM_NL__2PRFIN20091205_132445_000000512084_00468_40602_4761.N1	05-DEC-2009 13:24:45	Straylight	50.500	101	11Alp Lep	2.5820	7000.0	101	40602	No
183	GOM_NL__2PRFIN20091205_132809_000000552084_00468_40602_4762.N1	05-DEC-2009 13:28:09	Straylight	55.000	7	19Bet Ori	0.10000	14000.	110	40602	No
184	GOM_NL__2PRFIN20091205_133052_000000572084_00468_40602_4763.N1	05-DEC-2009 13:30:52	Straylight	57.000	30	46Eps Ori	1.6940	30000.	114	40602	No
185	GOM_NL__2PRFIN20091205_133327_000000562084_00468_40602_4764.N1	05-DEC-2009 13:33:27	Tw_i_and_stray	56.000	27	24Gam Ori	1.6360	26000.	112	40602	No
186	GOM_NL__2PRFIN20091205_133553_000000592084_00468_40602_4765.N1	05-DEC-2009 13:35:53	Bright	59.000	13	87Alp Tau	0.86700	3800.0	118	40602	No
187	GOM_NL__2PRFIN20091205_133959_000000372084_00468_40602_4766.N1	05-DEC-2009 13:39:59	Bright	37.000	150	44Zet Per	2.8900	28000.	74	40602	No
188	GOM_NL__2PRFIN20091205_134130_000000442084_00468_40602_4767.N1	05-DEC-2009 13:41:30	Bright	43.500	114	31ot Aur	2.6930	4600.0	87	40602	No
189	GOM_NL__2PRFIN20091205_134549_000000452084_00468_40602_4768.N1	05-DEC-2009 13:45:49	Bright	45.000	6	13Alp Aur	0.080000	3400.0	90	40602	No
190	GOM_NL__2PRFIN20091205_134720_000000492084_00468_40602_4769.N1	05-DEC-2009 13:47:20	Bright	49.000	42	34Bet Aur	1.9000	10200.	98	40602	No
191	GOM_NL__2PRFIN20091205_140217_000000452084_00468_40602_4770.N1	05-DEC-2009 14:02:17	Bright	45.000	36	50Alp UMa	1.8000	6300.0	90	40602	No
192	GOM_NL__2PRFIN20091205_140351_000000482084_00468_40602_4771.N1	05-DEC-2009 14:03:51	Bright	48.000	82	48Bet UMa	2.3650	10600.	96	40602	No
193	GOM_NL__2PRFIN20091205_140548_000000582084_00468_40602_4772.N1	05-DEC-2009 14:05:48	Bright	58.000	32	77Eps UMa	1.7630	11000.	116	40602	No
194	GOM_NL__2PRFIN20091205_140801_000000482084_00468_40602_4773.N1	05-DEC-2009 14:08:01	Bright	47.500	39	85Eta UMa	1.8540	24000.	95	40602	No
195	GOM_NL__2PRFIN20091205_141131_000000612084_00468_40602_4774.N1	05-DEC-2009 14:11:31	Bright	61.000	152	12Alp2CVn	2.8900	11000.	122	40602	No
196	GOM_NL__2PRFIN20091205_142027_000000622084_00468_40602_4775.N1	05-DEC-2009 14:20:27	Bright	62.000	138	47Eps Vir	2.8280	4700.0	124	40602	No
197	GOM_NL__2PRFIN20091205_142502_000000532084_00468_40602_4776.N1	05-DEC-2009 14:25:02	Bright	52.500	121	29Gam Vir	2.7400	7200.0	105	40602	No
198	GOM_NL__2PRFIN20091205_143057_000000482084_00468_40602_4777.N1	05-DEC-2009 14:30:57	Dark	48.000	100	4Gam Crv	2.5800	13100.	96	40602	No
199	GOM_NL__2PRFIN20091205_143233_000000512084_00468_40602_4778.N1	05-DEC-2009 14:32:33	Dark	51.000	171	2Eps Crv	3.0010	4250.0	102	40602	No
200	GOM_NL__2PRFIN20091205_144157_000000442084_00469_40603_4765.N1	05-DEC-2009 14:41:57	Dark	43.500	113	Mu Vel	2.6920	5000.0	87	40603	No
201	GOM_NL__2PRFIN20091205_145037_000000572084_00469_40603_4766.N1	05-DEC-2009 14:50:37	Dark	56.500	34	Gam2Vel	1.7930	23000.	113	40603	No
202	GOM_NL__2PRFIN20091205_145232_000000532084_00469_40603_4767.N1	05-DEC-2009 14:52:32	Dark	52.500	70	Zet Pup	2.2460	39000.	105	40603	No
203	GOM_NL__2PRFIN20091205_145547_000000562084_00469_40603_4768.N1	05-DEC-2009 14:55:47	Dark	56.000	117	Pi Pup	2.7060	3800.0	112	40603	No
204	GOM_NL__2PRFIN20091205_145925_000000642084_00469_40603_4769.N1	05-DEC-2009 14:59:25	Dark	64.000	23	21Eps CMa	1.5020	26000.	128	40603	No
205	GOM_NL__2PRFIN20091205_150521_000000522084_00469_40603_4770.N1	05-DEC-2009 15:05:21	Straylight	51.500	101	11Alp Lep	2.5820	7000.0	103	40603	No
206	GOM_NL__2PRFIN20091205_150844_000000562084_00469_40603_4771.N1	05-DEC-2009 15:08:44	Straylight	55.500	7	19Bet Ori	0.10000	14000.	111	40603	No
207	GOM_NL__2PRFIN20091205_151128_000000592084_00469_40603_4772.N1	05-DEC-2009 15:11:28	Straylight	58.500	30	46Eps Ori	1.6940	30000.	117	40603	No
208	GOM_NL__2PRFIN20091205_151402_000000562084_00469_40603_4773.N1	05-DEC-2009 15:14:02	Tw_i_and_stray	56.000	27	24Gam Ori	1.6360	26000.	112	40603	No
209	GOM_NL__2PRFIN20091205_151629_000000592084_00469_40603_4774.N1	05-DEC-2009 15:16:29	Bright	59.000	13	87Alp Tau	0.86700	3800.0	118	40603	No
210	GOM_NL__2PRFIN20091205_152035_000000382084_00469_40603_4775.N1	05-DEC-2009 15:20:35	Bright	37.500	150	44Zet Per	2.8900	28000.	75	40603	No
211	GOM_NL__2PRFIN20091205_152205_000000462084_00469_40603_4776.N1	05-DEC-2009 15:22:05	Bright	46.000	114	31ot Aur	2.6930	4600.0	92	40603	No
212	GOM_NL__2PRFIN20091205_152624_000000482084_00469_40603_4777.N1	05-DEC-2009 15:26:24	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	40603	No
213	GOM_NL__2PRFIN20091205_152755_000000482084_00469_40603_4778.N1	05-DEC-2009 15:27:55	Bright	48.000	42	34Bet Aur	1.9000	10200.	96	40603	No
214	GOM_NL__2PRFIN20091205_154253_000000432084_00469_40603_4779.N1	05-DEC-2009 15:42:53	Bright	42.500	36	50Alp UMa	1.8000	6300.0	85	40603	No
215	GOM_NL__2PRFIN20091205_154427_000000532084_00469_40603_4780.N1	05-DEC-2009 15:44:27	Bright	53.000	82	48Bet UMa	2.3650	10600.	106	40603	No
216	GOM_NL__2PRFIN20091205_154624_000000412084_00469_40603_4781.N1	05-DEC-2009 15:46:24	Bright	41.000	32	77Eps UMa	1.7630	11000.	82	40603	No
217	GOM_NL__2PRFIN20091205_154837_000000372084_00469_40603_4782.N1	05-DEC-2009 15:48:37	Bright	36.500	39	85Eta UMa	1.8540	24000.	73	40603	No
218	GOM_NL__2PRFIN20091205_155207_000000612084_00469_40603_4783.N1	05-DEC-2009 15:52:07	Bright	61.000	152	12Alp2CVn	2.8900	11000.	122	40603	No
219	GOM_NL__2PRFIN20091205_160103_000000452084_00469_40603_4784.N1	05-DEC-2009 16:01:03	Bright	44.500	138	47Eps Vir	2.8280	4700.0	89	40603	No

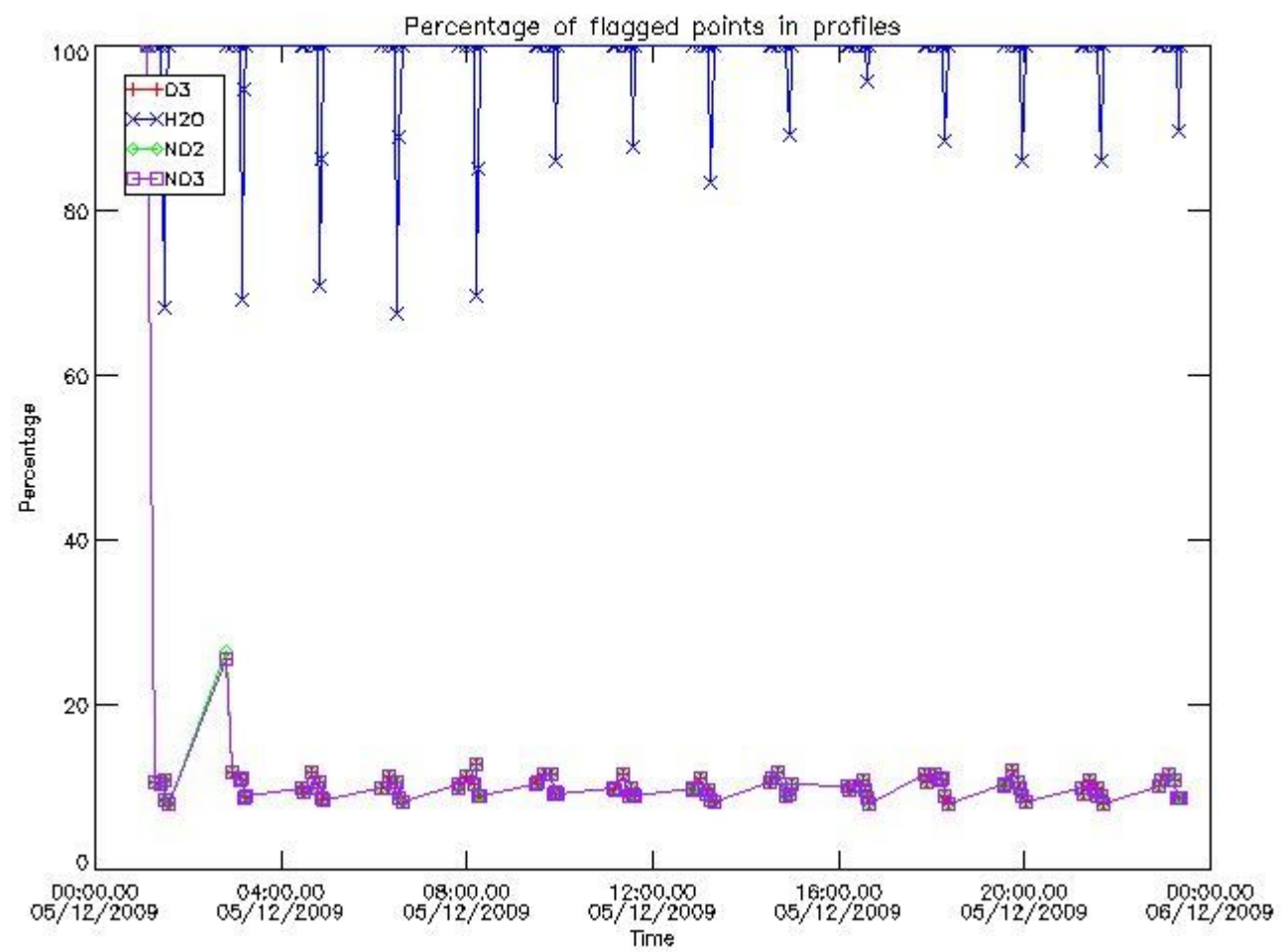
220	GOM_NL__2PRFIN20091205_160538_00000522084_00469_40603_4785.N1	05-DEC-2009 16:05:38	Bright	52.000	121	29Gam Vir	2.7400	7200.0	104	40603	No
221	GOM_NL__2PRFIN20091205_161134_00000512084_00469_40603_4786.N1	05-DEC-2009 16:11:34	Dark	50.500	100	4Gam Crv	2.5800	13100.	101	40603	No
222	GOM_NL__2PRFIN20091205_161310_00000532084_00469_40603_4787.N1	05-DEC-2009 16:13:10	Dark	52.500	171	2Eps Crv	3.0010	4250.0	105	40603	No
223	GOM_NL__2PRFIN20091205_162233_00000502084_00470_40604_4774.N1	05-DEC-2009 16:22:33	Dark	50.000	113	Mu Vel	2.6920	5000.0	100	40604	No
224	GOM_NL__2PRFIN20091205_163114_00000522084_00470_40604_4775.N1	05-DEC-2009 16:31:14	Dark	51.500	34	Gam2Vel	1.7930	23000.	103	40604	No
225	GOM_NL__2PRFIN20091205_163309_00000532084_00470_40604_4776.N1	05-DEC-2009 16:33:09	Dark	53.000	70	Zet Pup	2.2460	39000.	106	40604	No
226	GOM_NL__2PRFIN20091205_163624_00000592084_00470_40604_4777.N1	05-DEC-2009 16:36:24	Dark	58.500	117	Pi Pup	2.7060	3800.0	117	40604	No
227	GOM_NL__2PRFIN20091205_164002_00000642084_00470_40604_4778.N1	05-DEC-2009 16:40:02	Dark	63.500	23	21Eps CMa	1.5020	26000.	127	40604	No
228	GOM_NL__2PRFIN20091205_164557_00000532084_00470_40604_4779.N1	05-DEC-2009 16:45:57	Straylight	52.500	101	11Alp Lep	2.5820	7000.0	105	40604	No
229	GOM_NL__2PRFIN20091205_164920_00000542084_00470_40604_4780.N1	05-DEC-2009 16:49:20	Straylight	54.000	7	19Bet Ori	0.10000	14000.	108	40604	No
230	GOM_NL__2PRFIN20091205_165203_00000592084_00470_40604_4781.N1	05-DEC-2009 16:52:03	Straylight	59.000	30	46Eps Ori	1.6940	30000.	118	40604	No
231	GOM_NL__2PRFIN20091205_165438_00000572084_00470_40604_4782.N1	05-DEC-2009 16:54:38	Tw_i_and_stray	56.500	27	24Gam Ori	1.6360	26000.	113	40604	No
232	GOM_NL__2PRFIN20091205_165704_00000592084_00470_40604_4783.N1	05-DEC-2009 16:57:04	Bright	59.000	13	87Alp Tau	0.86700	3800.0	118	40604	No
233	GOM_NL__2PRFIN20091205_170110_00000382084_00470_40604_4784.N1	05-DEC-2009 17:01:10	Bright	37.500	150	44Zet Per	2.8900	28000.	75	40604	No
234	GOM_NL__2PRFIN20091205_170241_00000452084_00470_40604_4785.N1	05-DEC-2009 17:02:41	Bright	45.000	114	3Iot Aur	2.6930	4600.0	90	40604	No
235	GOM_NL__2PRFIN20091205_170659_00000482084_00470_40604_4786.N1	05-DEC-2009 17:06:59	Bright	48.000	6	13Alp Aur	0.080000	3400.0	96	40604	No
236	GOM_NL__2PRFIN20091205_170830_00000652084_00470_40604_4787.N1	05-DEC-2009 17:08:30	Bright	65.000	42	34Bet Aur	1.9000	10200.	130	40604	No
237	GOM_NL__2PRFIN20091205_172328_00000472084_00470_40604_4788.N1	05-DEC-2009 17:23:28	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	40604	No
238	GOM_NL__2PRFIN20091205_172502_00000642084_00470_40604_4789.N1	05-DEC-2009 17:25:02	Bright	64.000	82	48Bet UMa	2.3650	10600.	128	40604	No
239	GOM_NL__2PRFIN20091205_172700_00000382084_00470_40604_4790.N1	05-DEC-2009 17:27:00	Bright	37.500	32	77Eps UMa	1.7630	11000.	75	40604	No
240	GOM_NL__2PRFIN20091205_172912_00000352084_00470_40604_4791.N1	05-DEC-2009 17:29:12	Bright	35.000	39	85Eta UMa	1.8540	24000.	70	40604	No
241	GOM_NL__2PRFIN20091205_173243_00000422084_00470_40604_4792.N1	05-DEC-2009 17:32:43	Bright	41.500	152	12Alp2CVn	2.8900	11000.	83	40604	No
242	GOM_NL__2PRFIN20091205_174140_00000622084_00470_40604_4793.N1	05-DEC-2009 17:41:40	Bright	62.000	138	47Eps Vir	2.8280	4700.0	124	40604	No
243	GOM_NL__2PRFIN20091205_174615_00000512084_00470_40604_4794.N1	05-DEC-2009 17:46:15	Bright	50.500	121	29Gam Vir	2.7400	7200.0	101	40604	No
244	GOM_NL__2PRFIN20091205_175211_00000532084_00470_40604_4795.N1	05-DEC-2009 17:52:11	Dark	53.000	100	4Gam Crv	2.5800	13100.	106	40604	No
245	GOM_NL__2PRFIN20091205_175347_00000532084_00470_40604_4796.N1	05-DEC-2009 17:53:47	Dark	52.500	171	2Eps Crv	3.0010	4250.0	105	40604	No
246	GOM_NL__2PRFIN20091205_180310_00000452084_00471_40605_4787.N1	05-DEC-2009 18:03:10	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	40605	No
247	GOM_NL__2PRFIN20091205_181151_00000482084_00471_40605_4788.N1	05-DEC-2009 18:11:51	Dark	47.500	34	Gam2Vel	1.7930	23000.	95	40605	No
248	GOM_NL__2PRFIN20091205_181346_00000552084_00471_40605_4789.N1	05-DEC-2009 18:13:46	Dark	54.500	70	Zet Pup	2.2460	39000.	109	40605	No
249	GOM_NL__2PRFIN20091205_181701_00000572084_00471_40605_4790.N1	05-DEC-2009 18:17:01	Dark	56.500	117	Pi Pup	2.7060	3800.0	113	40605	No
250	GOM_NL__2PRFIN20091205_182038_00000652084_00471_40605_4791.N1	05-DEC-2009 18:20:38	Dark	65.000	23	21Eps CMa	1.5020	26000.	130	40605	No
251	GOM_NL__2PRFIN20091205_182633_00000532084_00471_40605_4792.N1	05-DEC-2009 18:26:33	Straylight	52.500	101	11Alp Lep	2.5820	7000.0	105	40605	No
252	GOM_NL__2PRFIN20091205_182956_00000552084_00471_40605_4793.N1	05-DEC-2009 18:29:56	Straylight	54.500	7	19Bet Ori	0.10000	14000.	109	40605	No
253	GOM_NL__2PRFIN20091205_183239_00000582084_00471_40605_4794.N1	05-DEC-2009 18:32:39	Straylight	57.500	30	46Eps Ori	1.6940	30000.	115	40605	No
254	GOM_NL__2PRFIN20091205_183514_00000542084_00471_40605_4795.N1	05-DEC-2009 18:35:14	Tw_i_and_stray	53.500	27	24Gam Ori	1.6360	26000.	107	40605	No
255	GOM_NL__2PRFIN20091205_183740_00000502084_00471_40605_4796.N1	05-DEC-2009 18:37:40	Bright	50.000	13	87Alp Tau	0.86700	3800.0	100	40605	No
256	GOM_NL__2PRFIN20091205_184146_00000372084_00471_40605_4797.N1	05-DEC-2009 18:41:46	Bright	37.000	150	44Zet Per	2.8900	28000.	74	40605	No
257	GOM_NL__2PRFIN20091205_184316_00000432084_00471_40605_4798.N1	05-DEC-2009 18:43:16	Bright	42.500	114	3Iot Aur	2.6930	4600.0	85	40605	No
258	GOM_NL__2PRFIN20091205_184735_00000482084_00471_40605_4799.N1	05-DEC-2009 18:47:35	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	40605	No
259	GOM_NL__2PRFIN20091205_184905_00000502084_00471_40605_4800.N1	05-DEC-2009 18:49:05	Bright	49.500	42	34Bet Aur	1.9000	10200.	99	40605	No
260	GOM_NL__2PRFIN20091205_190404_00000472084_00471_40605_4801.N1	05-DEC-2009 19:04:04	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	40605	No
261	GOM_NL__2PRFIN20091205_190538_00000522084_00471_40605_4802.N1	05-DEC-2009 19:05:38	Bright	52.000	82	48Bet UMa	2.3650	10600.	104	40605	No
262	GOM_NL__2PRFIN20091205_190735_00000432084_00471_40605_4803.N1	05-DEC-2009 19:07:35	Bright	43.000	32	77Eps UMa	1.7630	11000.	86	40605	No
263	GOM_NL__2PRFIN20091205_190948_00000542084_00471_40605_4804.N1	05-DEC-2009 19:09:48	Bright	54.000	39	85Eta UMa	1.8540	24000.	108	40605	No
264	GOM_NL__2PRFIN20091205_191319_00000592084_00471_40605_4805.N1	05-DEC-2009 19:13:19	Bright	58.500	152	12Alp2CVn	2.8900	11000.	117	40605	No
265	GOM_NL__2PRFIN20091205_192216_00000452084_00471_40605_4806.N1	05-DEC-2009 19:22:16	Bright	44.500	138	47Eps Vir	2.8280	4700.0	89	40605	No
266	GOM_NL__2PRFIN20091205_192652_00000502084_00471_40605_4807.N1	05-DEC-2009 19:26:52	Bright	50.000	121	29Gam Vir	2.7400	7200.0	100	40605	No
267	GOM_NL__2PRFIN20091205_193248_00000502084_00471_40605_4808.N1	05-DEC-2009 19:32:48	Dark	49.500	100	4Gam Crv	2.5800	13100.	99	40605	No
268	GOM_NL__2PRFIN20091205_193424_00000502084_00471_40605_4809.N1	05-DEC-2009 19:34:24	Dark	50.000	171	2Eps Crv	3.0010	4250.0	100	40605	No
269	GOM_NL__2PRFIN20091205_194347_00000432084_00472_40606_4796.N1	05-DEC-2009 19:43:47	Dark	42.500	113	Mu Vel	2.6920	5000.0	85	40606	No
270	GOM_NL__2PRFIN20091205_195228_00000492084_00472_40606_4797.N1	05-DEC-2009 19:52:28	Dark	48.500	34	Gam2Vel	1.7930	23000.	97	40606	No
271	GOM_NL__2PRFIN20091205_195423_00000562084_00472_40606_4798.N1	05-DEC-2009 19:54:23	Dark	55.500	70	Zet Pup	2.2460	39000.	111	40606	No
272	GOM_NL__2PRFIN20091205_195737_00000582084_00472_40606_4799.N1	05-DEC-2009 19:57:37	Dark	57.500	117	Pi Pup	2.7060	3800.0	115	40606	No
273	GOM_NL__2PRFIN20091205_200115_00000632084_00472_40606_4800.N1	05-DEC-2009 20:01:15	Dark	62.500	23	21Eps CMa	1.5020	26000.	125	40606	No
274	GOM_NL__2PRFIN20091205_200709_00000512084_00472_40606_4801.N1	05-DEC-2009 20:07:09	Straylight	51.000	101	11Alp Lep	2.5820	7000.0	102	40606	No
275	GOM_NL__2PRFIN20091205_201032_00000532084_00472_40606_4802.N1	05-DEC-2009 20:10:32	Straylight	53.000	7	19Bet Ori	0.10000	14000.	106	40606	No
276	GOM_NL__2PRFIN20091205_201315_00000602084_00472_40606_4803.N1	05-DEC-2009 20:13:15	Straylight	60.000	30	46Eps Ori	1.6940	30000.	120	40606	No
277	GOM_NL__2PRFIN20091205_201549_00000542084_00472_40606_4804.N1	05-DEC-2009 20:15:49	Tw_i_and_stray	54.000	27	24Gam Ori	1.6360	26000.	108	40606	No
278	GOM_NL__2PRFIN20091205_201816_00000542084_00472_40606_4805.N1	05-DEC-2009 20:18:16	Bright	53.500	13	87Alp Tau	0.86700	3800.0	107	40606	No

279	GOM_NL__2PRFIN20091205_202222_000000372084_00472_40606_4806.N1	05-DEC-2009 20:22:22	Bright	36.500	150	44Zet Per	2.8900	28000.	73	40606	No
280	GOM_NL__2PRFIN20091205_202352_000000442084_00472_40606_4807.N1	05-DEC-2009 20:23:52	Bright	44.000	114	31ot Aur	2.6930	4600.0	88	40606	No
281	GOM_NL__2PRFIN20091205_202810_000000502084_00472_40606_4808.N1	05-DEC-2009 20:28:10	Bright	49.500	6	13Alp Aur	0.080000	3400.0	99	40606	No
282	GOM_NL__2PRFIN20091205_202940_000000482084_00472_40606_4809.N1	05-DEC-2009 20:29:40	Bright	48.000	42	34Bet Aur	1.9000	10200.	96	40606	No
283	GOM_NL__2PRFIN20091205_204439_000000492084_00472_40606_4810.N1	05-DEC-2009 20:44:39	Bright	49.000	36	50Alp UMa	1.8000	6300.0	98	40606	No
284	GOM_NL__2PRFIN20091205_204613_000000512084_00472_40606_4811.N1	05-DEC-2009 20:46:13	Bright	50.500	82	48Bet UMa	2.3650	10600.	101	40606	No
285	GOM_NL__2PRFIN20091205_204811_000000422084_00472_40606_4812.N1	05-DEC-2009 20:48:11	Bright	42.000	32	77Eps UMa	1.7630	11000.	84	40606	No
286	GOM_NL__2PRFIN20091205_205025_000000402084_00472_40606_4813.N1	05-DEC-2009 20:50:25	Bright	40.000	39	85Eta UMa	1.8540	24000.	80	40606	No
287	GOM_NL__2PRFIN20091205_205355_000000612084_00472_40606_4814.N1	05-DEC-2009 20:53:55	Bright	61.000	152	12Alp2CVn	2.8900	11000.	122	40606	No
288	GOM_NL__2PRFIN20091205_210252_000000622084_00472_40606_4815.N1	05-DEC-2009 21:02:52	Bright	61.500	138	47Eps Vir	2.8280	4700.0	123	40606	No
289	GOM_NL__2PRFIN20091205_210728_000000532084_00472_40606_4816.N1	05-DEC-2009 21:07:28	Bright	53.000	121	29Gam Vir	2.7400	7200.0	106	40606	No
290	GOM_NL__2PRFIN20091205_211324_000000522084_00472_40606_4817.N1	05-DEC-2009 21:13:24	Dark	51.500	100	4Gam Crv	2.5800	13100.	103	40606	No
291	GOM_NL__2PRFIN20091205_211501_000000562084_00472_40606_4818.N1	05-DEC-2009 21:15:01	Dark	56.000	171	2Eps Crv	3.0010	4250.0	112	40606	No
292	GOM_NL__2PRFIN20091205_212424_000000472084_00473_40607_4805.N1	05-DEC-2009 21:24:24	Dark	46.500	113	Mu Vel	2.6920	5000.0	93	40607	No
293	GOM_NL__2PRFIN20091205_213305_000000522084_00473_40607_4806.N1	05-DEC-2009 21:33:05	Dark	51.500	34	Gam2Vel	1.7930	23000.	103	40607	No
294	GOM_NL__2PRFIN20091205_213500_000000572084_00473_40607_4807.N1	05-DEC-2009 21:35:00	Dark	56.500	70	Zet Pup	2.2460	39000.	113	40607	No
295	GOM_NL__2PRFIN20091205_213814_000000582084_00473_40607_4808.N1	05-DEC-2009 21:38:14	Dark	57.500	117	Pi Pup	2.7060	3800.0	115	40607	No
296	GOM_NL__2PRFIN20091205_214151_000000642084_00473_40607_4809.N1	05-DEC-2009 21:41:51	Dark	64.000	23	21Eps CMa	1.5020	26000.	128	40607	No
297	GOM_NL__2PRFIN20091205_214745_000000522084_00473_40607_4810.N1	05-DEC-2009 21:47:45	Straylight	51.500	101	11Alp Lep	2.5820	7000.0	103	40607	No
298	GOM_NL__2PRFIN20091205_215108_000000542084_00473_40607_4811.N1	05-DEC-2009 21:51:08	Straylight	54.000	7	19Bet Ori	0.10000	14000.	108	40607	No
299	GOM_NL__2PRFIN20091205_215350_000000582084_00473_40607_4812.N1	05-DEC-2009 21:53:50	Straylight	57.500	30	46Eps Ori	1.6940	30000.	115	40607	No
300	GOM_NL__2PRFIN20091205_215624_000000562084_00473_40607_4813.N1	05-DEC-2009 21:56:24	Tw_i_and_stray	55.500	27	24Gam Ori	1.6360	26000.	111	40607	No
301	GOM_NL__2PRFIN20091205_215851_000000512084_00473_40607_4814.N1	05-DEC-2009 21:58:51	Bright	50.500	13	87Alp Tau	0.86700	3800.0	101	40607	No
302	GOM_NL__2PRFIN20091205_220258_000000382084_00473_40607_4815.N1	05-DEC-2009 22:02:58	Bright	38.000	150	44Zet Per	2.8900	28000.	76	40607	No
303	GOM_NL__2PRFIN20091205_220427_000000442084_00473_40607_4816.N1	05-DEC-2009 22:04:27	Bright	43.500	114	31ot Aur	2.6930	4600.0	87	40607	No
304	GOM_NL__2PRFIN20091205_220845_000000472084_00473_40607_4817.N1	05-DEC-2009 22:08:45	Bright	47.000	6	13Alp Aur	0.080000	3400.0	94	40607	No
305	GOM_NL__2PRFIN20091205_221015_000000472084_00473_40607_4818.N1	05-DEC-2009 22:10:15	Bright	47.000	42	34Bet Aur	1.9000	10200.	94	40607	No
306	GOM_NL__2PRFIN20091205_222515_000000472084_00473_40607_4819.N1	05-DEC-2009 22:25:15	Bright	46.500	36	50Alp UMa	1.8000	6300.0	93	40607	No
307	GOM_NL__2PRFIN20091205_222648_000000482084_00473_40607_4820.N1	05-DEC-2009 22:26:48	Bright	47.500	82	48Bet UMa	2.3650	10600.	95	40607	No
308	GOM_NL__2PRFIN20091205_222847_000000422084_00473_40607_4821.N1	05-DEC-2009 22:28:47	Bright	42.000	32	77Eps UMa	1.7630	11000.	84	40607	No
309	GOM_NL__2PRFIN20091205_223100_000000412084_00473_40607_4822.N1	05-DEC-2009 22:31:00	Bright	40.500	39	85Eta UMa	1.8540	24000.	81	40607	No
310	GOM_NL__2PRFIN20091205_223431_000000432084_00473_40607_4823.N1	05-DEC-2009 22:34:31	Bright	42.500	152	12Alp2CVn	2.8900	11000.	85	40607	No
311	GOM_NL__2PRFIN20091205_224329_000000532084_00473_40607_4824.N1	05-DEC-2009 22:43:29	Bright	52.500	138	47Eps Vir	2.8280	4700.0	105	40607	No
312	GOM_NL__2PRFIN20091205_224805_000000542084_00473_40607_4825.N1	05-DEC-2009 22:48:05	Bright	53.500	121	29Gam Vir	2.7400	7200.0	107	40607	No
313	GOM_NL__2PRFIN20091205_225401_000000512084_00473_40607_4826.N1	05-DEC-2009 22:54:01	Dark	50.500	100	4Gam Crv	2.5800	13100.	101	40607	No
314	GOM_NL__2PRFIN20091205_225538_000000572084_00473_40607_4827.N1	05-DEC-2009 22:55:38	Dark	56.500	171	2Eps Crv	3.0010	4250.0	113	40607	No
315	GOM_NL__2PRFIN20091205_230500_000000442084_00474_40608_4824.N1	05-DEC-2009 23:05:00	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	40608	No
316	GOM_NL__2PRFIN20091205_231341_000000472084_00474_40608_4825.N1	05-DEC-2009 23:13:41	Dark	46.500	34	Gam2Vel	1.7930	23000.	93	40608	No
317	GOM_NL__2PRFIN20091205_231537_000000582084_00474_40608_4826.N1	05-DEC-2009 23:15:37	Dark	58.000	70	Zet Pup	2.2460	39000.	116	40608	No
318	GOM_NL__2PRFIN20091205_231850_000000582084_00474_40608_4827.N1	05-DEC-2009 23:18:50	Dark	58.000	117	Pi Pup	2.7060	3800.0	116	40608	No
319	GOM_NL__2PRFIN20091205_232228_000000592084_00474_40608_4828.N1	05-DEC-2009 23:22:28	Dark	59.000	23	21Eps CMa	1.5020	26000.	118	40608	No
320	GOM_NL__2PRFIN20091205_232821_000000502084_00474_40608_4829.N1	05-DEC-2009 23:28:21	Straylight	50.000	101	11Alp Lep	2.5820	7000.0	100	40608	No
321	GOM_NL__2PRFIN20091205_233144_000000572084_00474_40608_4830.N1	05-DEC-2009 23:31:44	Straylight	56.500	7	19Bet Ori	0.10000	14000.	113	40608	No
322	GOM_NL__2PRFIN20091205_233426_000000582084_00474_40608_4831.N1	05-DEC-2009 23:34:26	Straylight	57.500	30	46Eps Ori	1.6940	30000.	115	40608	No
323	GOM_NL__2PRFIN20091205_233700_000000562084_00474_40608_4832.N1	05-DEC-2009 23:37:00	Tw_i_and_stray	55.500	27	24Gam Ori	1.6360	26000.	111	40608	No
324	GOM_NL__2PRFIN20091205_233927_000000592084_00474_40608_4833.N1	05-DEC-2009 23:39:27	Bright	59.000	13	87Alp Tau	0.86700	3800.0	118	40608	No
325	GOM_NL__2PRFIN20091205_234333_000000382084_00474_40608_4834.N1	05-DEC-2009 23:43:33	Bright	38.000	150	44Zet Per	2.8900	28000.	76	40608	No
326	GOM_NL__2PRFIN20091205_234502_000000432084_00474_40608_4835.N1	05-DEC-2009 23:45:02	Bright	43.000	114	31ot Aur	2.6930	4600.0	86	40608	No
327	GOM_NL__2PRFIN20091205_234921_000000502084_00474_40608_4836.N1	05-DEC-2009 23:49:21	Bright	49.500	6	13Alp Aur	0.080000	3400.0	99	40608	No
328	GOM_NL__2PRFIN20091205_235050_000000502084_00474_40608_4837.N1	05-DEC-2009 23:50:50	Bright	49.500	42	34Bet Aur	1.9000	10200.	99	40608	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.

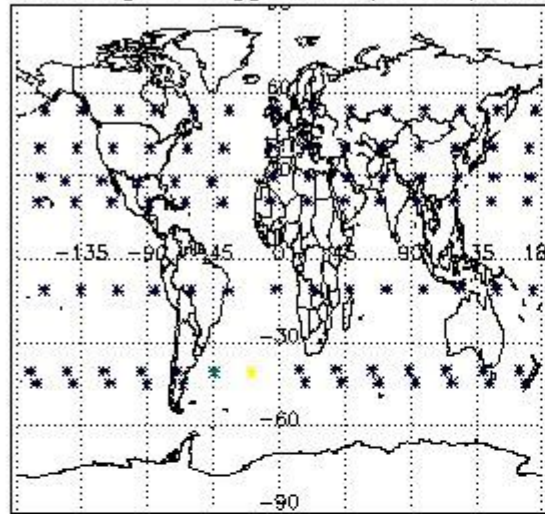
3.1 Plot quality information per product (time dependant)



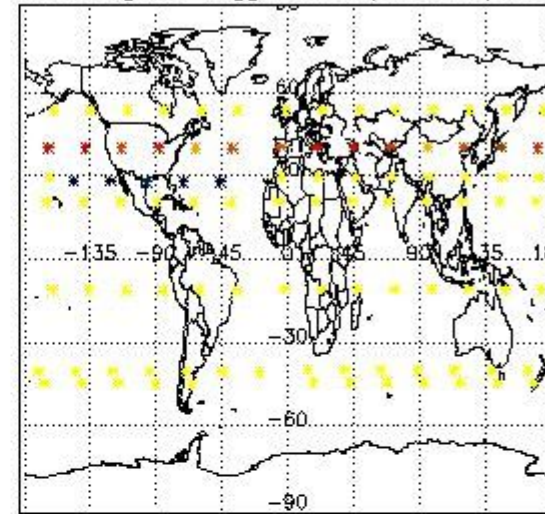
3.2 Plot quality information per product (world map)



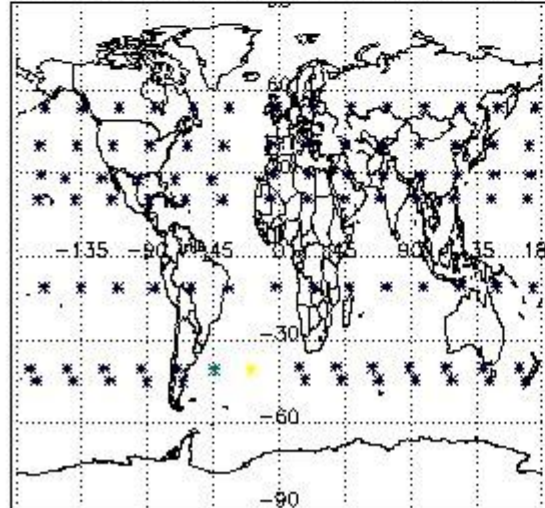
Percentage of flagged data per O3 profile



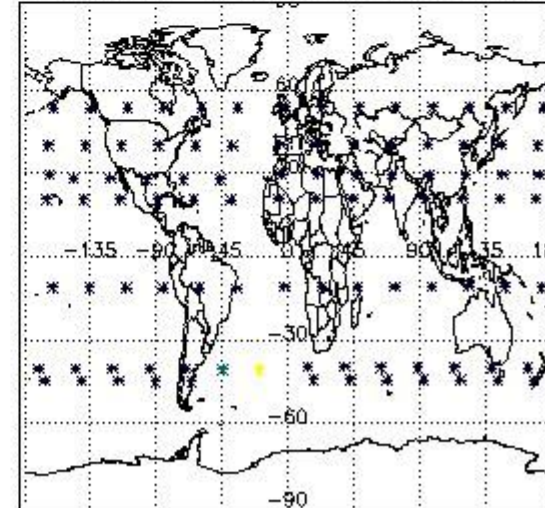
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



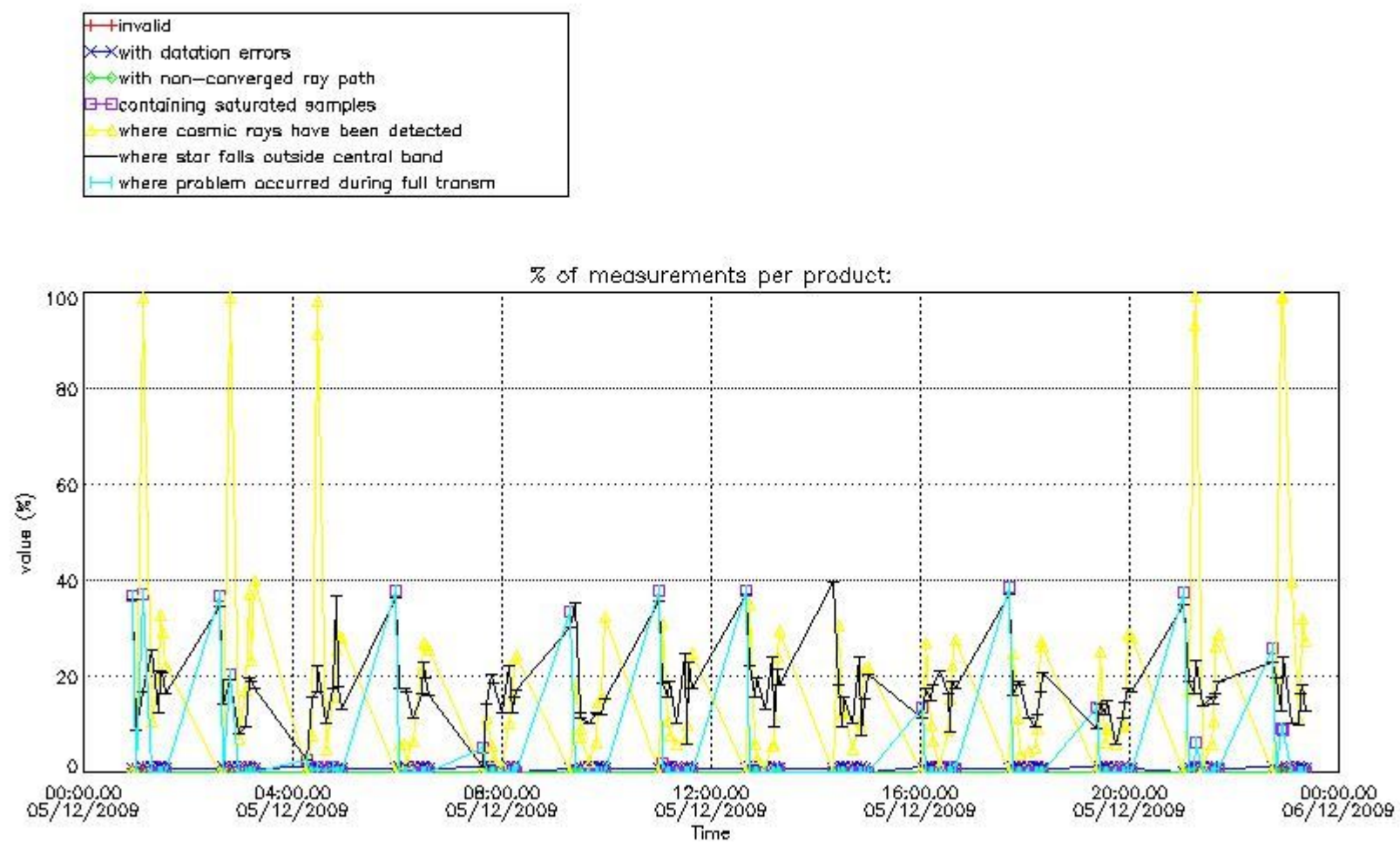
#### 4. Level 1 quality information per product

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.

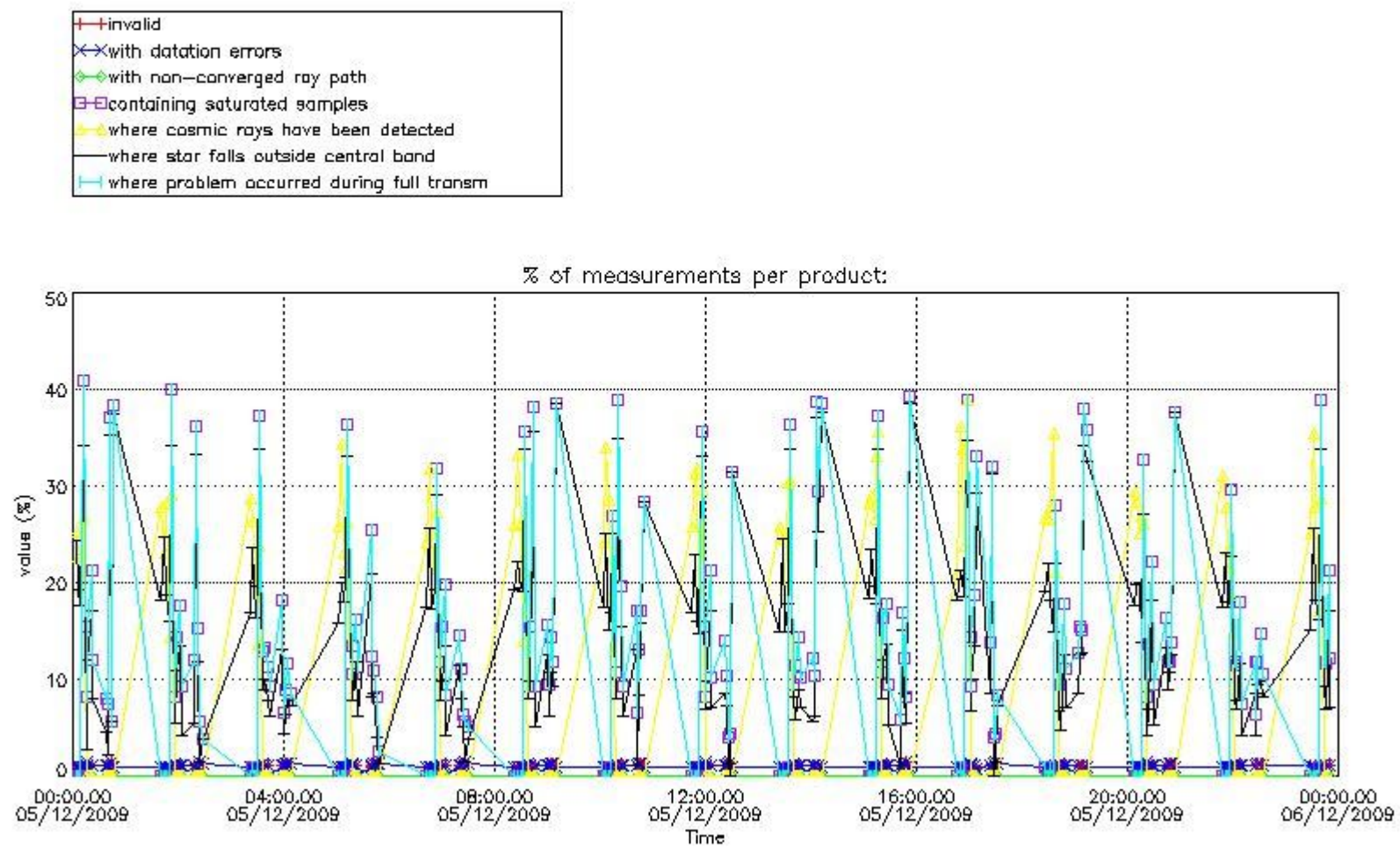
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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



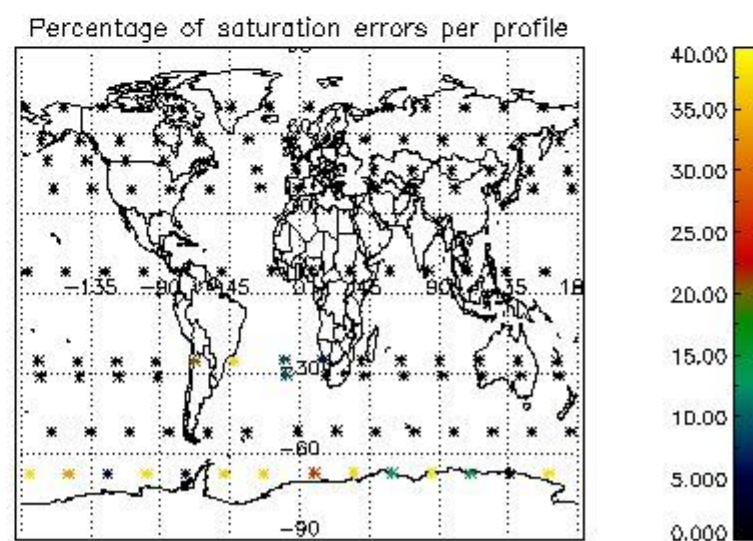
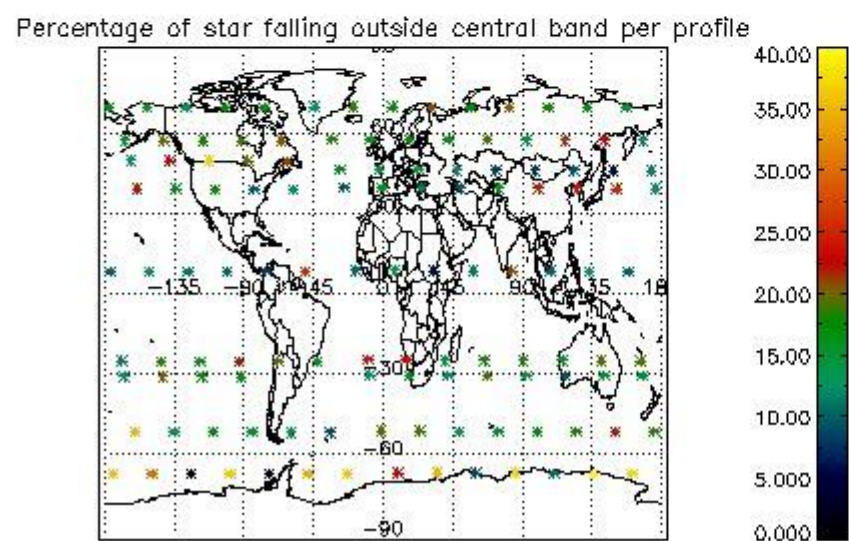
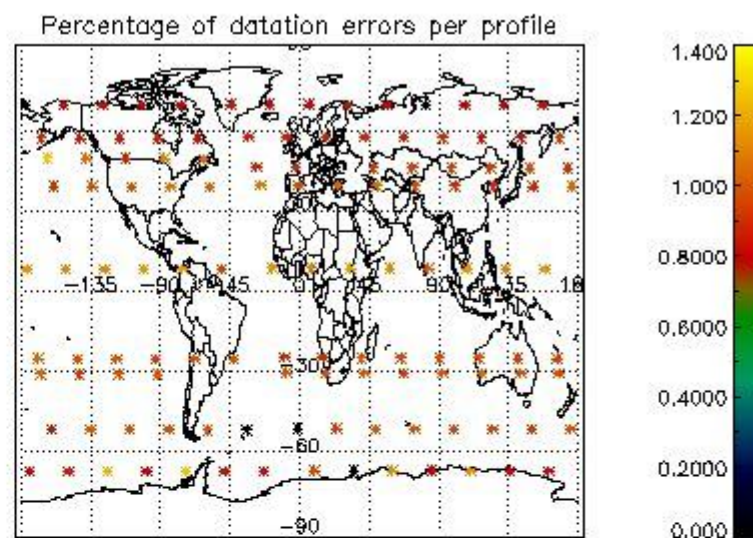
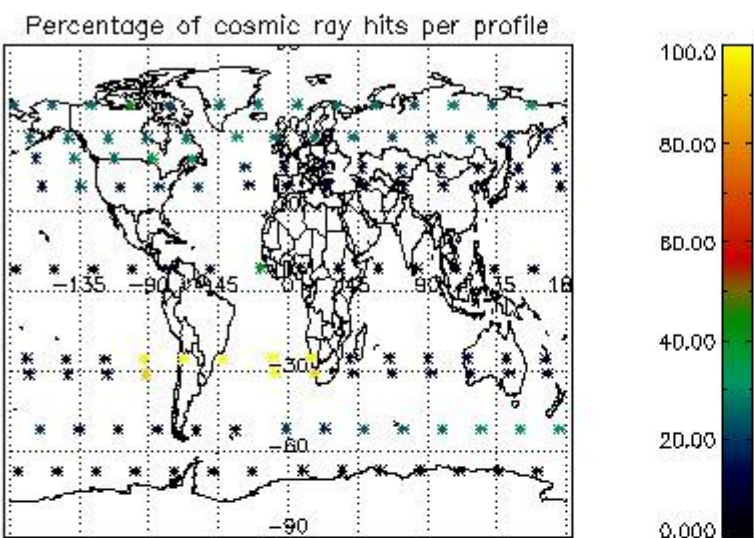


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



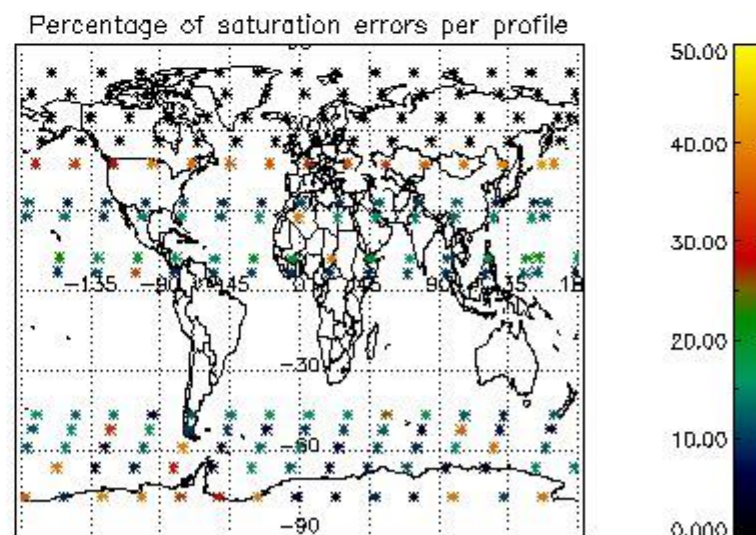
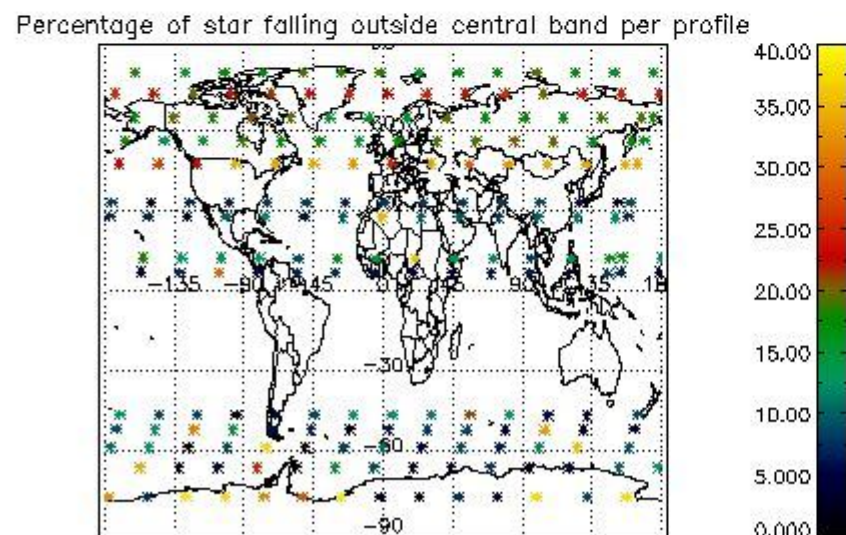
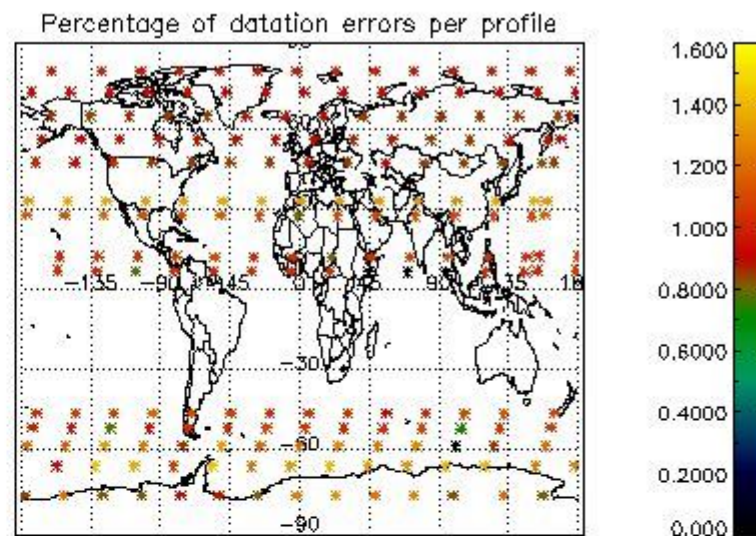
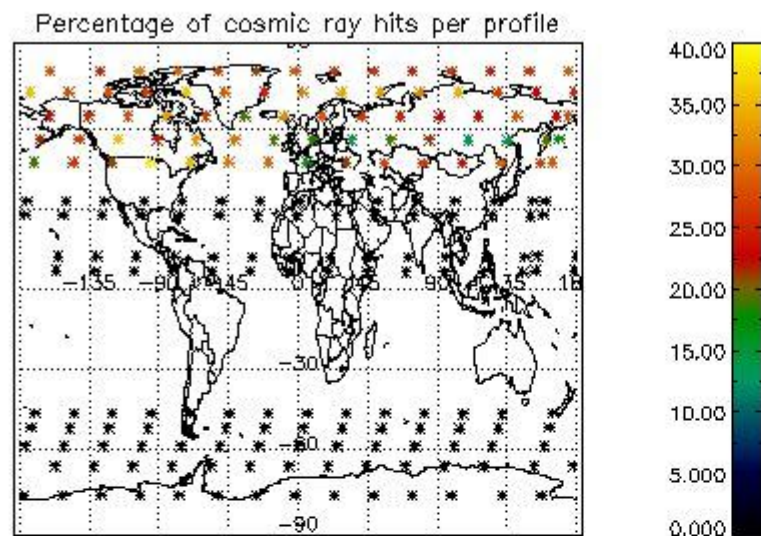
*4.2 Plot quality information per product coming from level 1b processing (world map)*

*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.

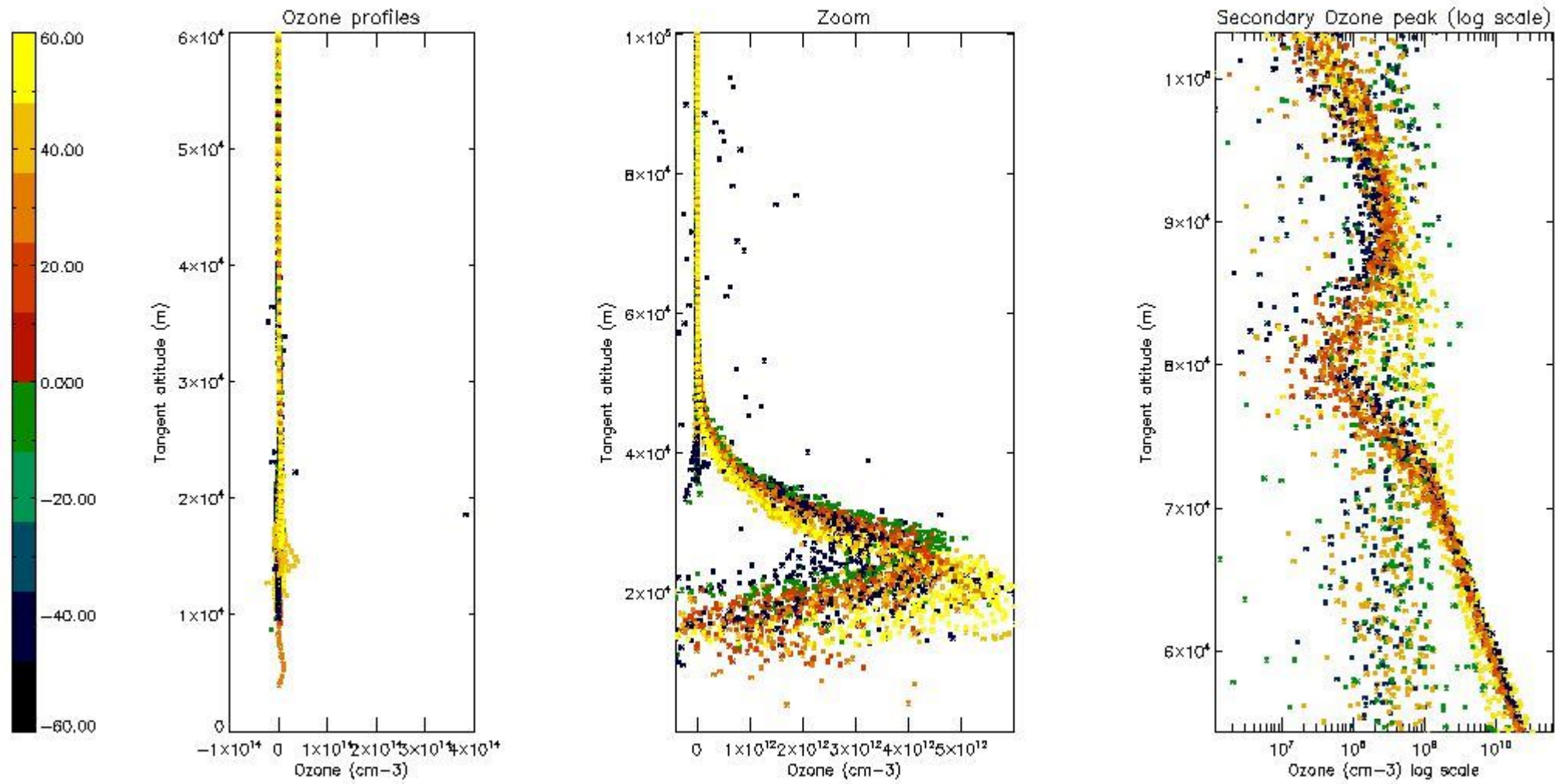
Criteria	% of total production
All STD	32
STD < 20	16



STD < 10	12
STD < 5	9

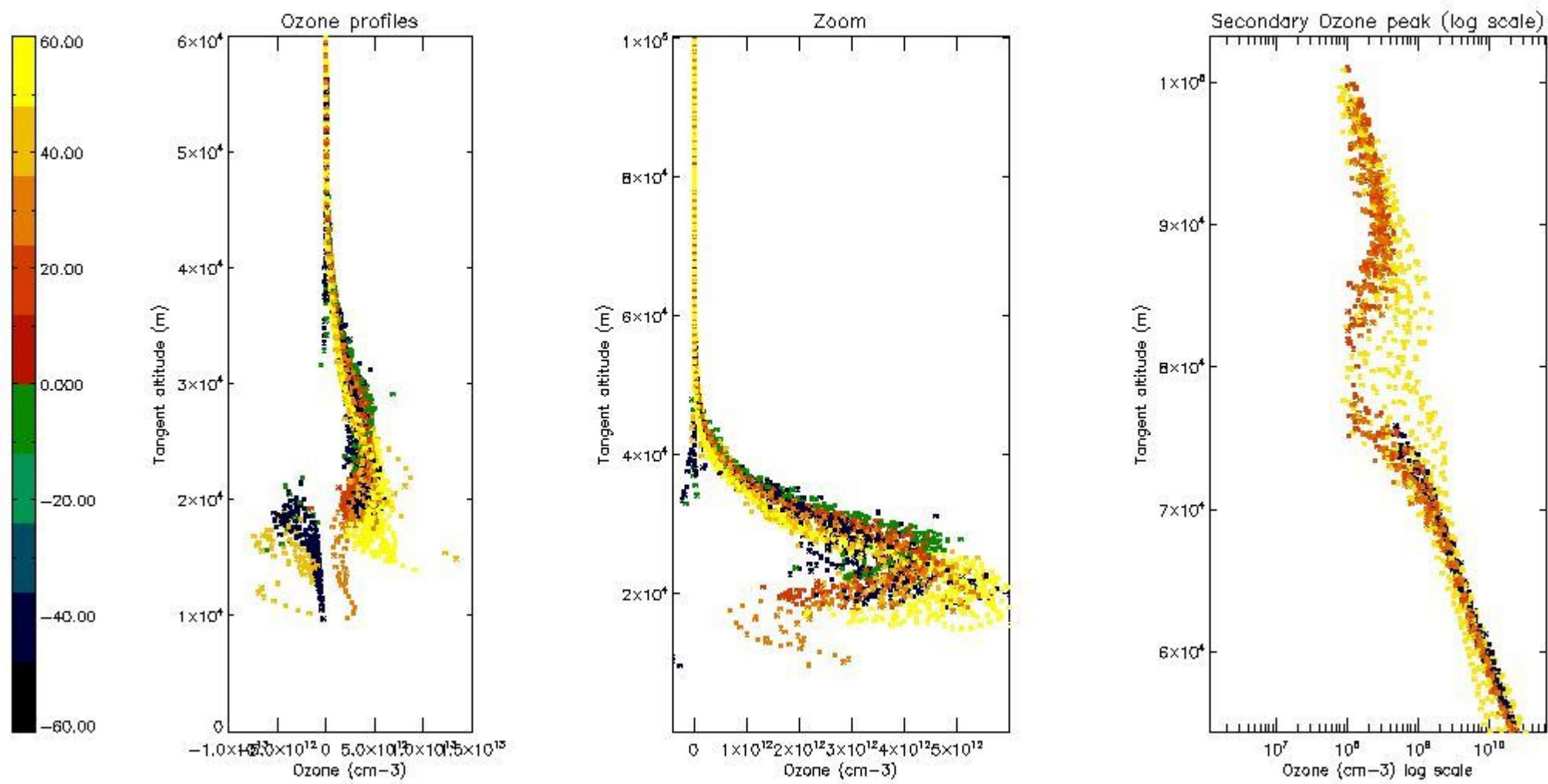
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



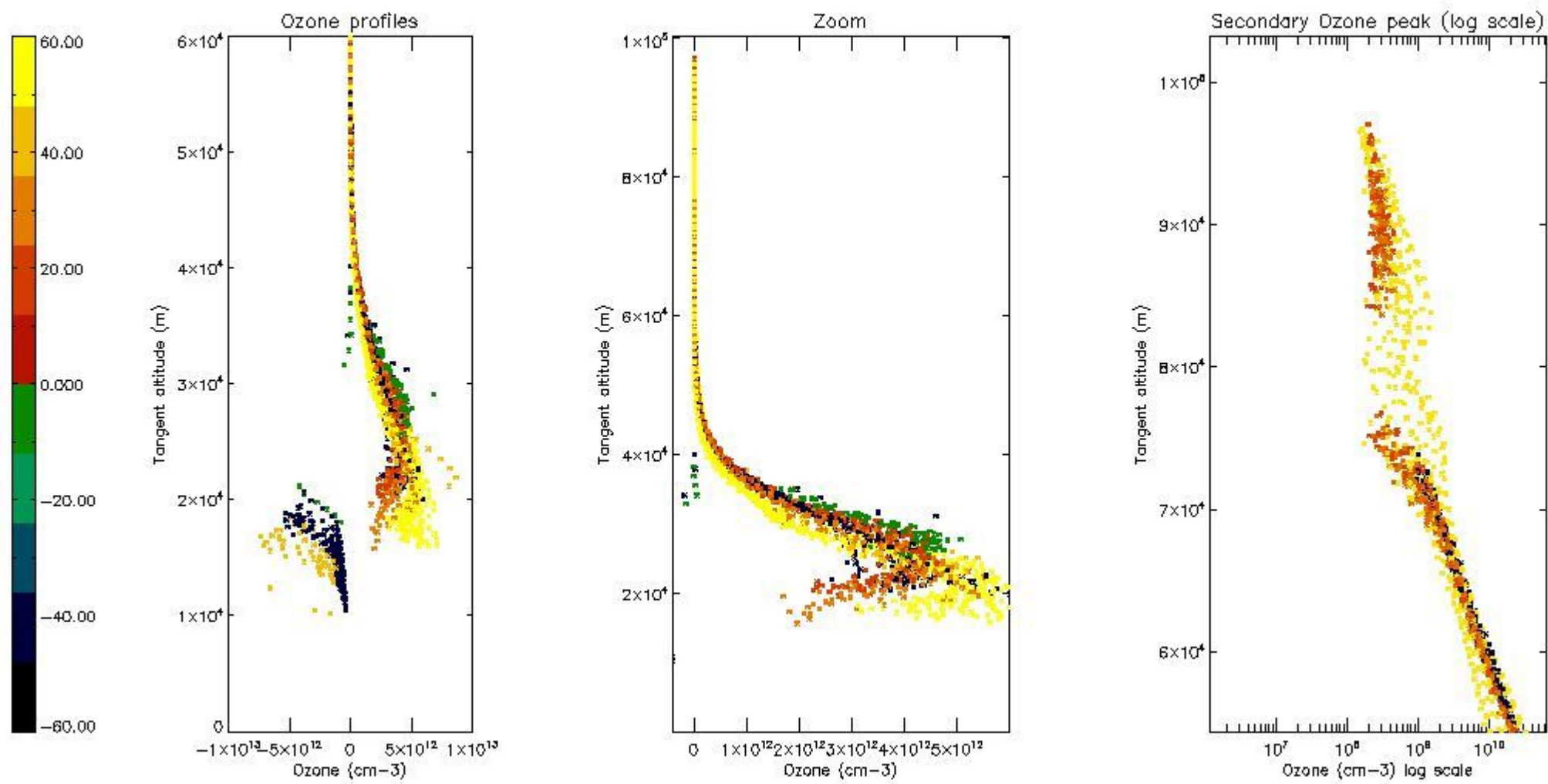
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



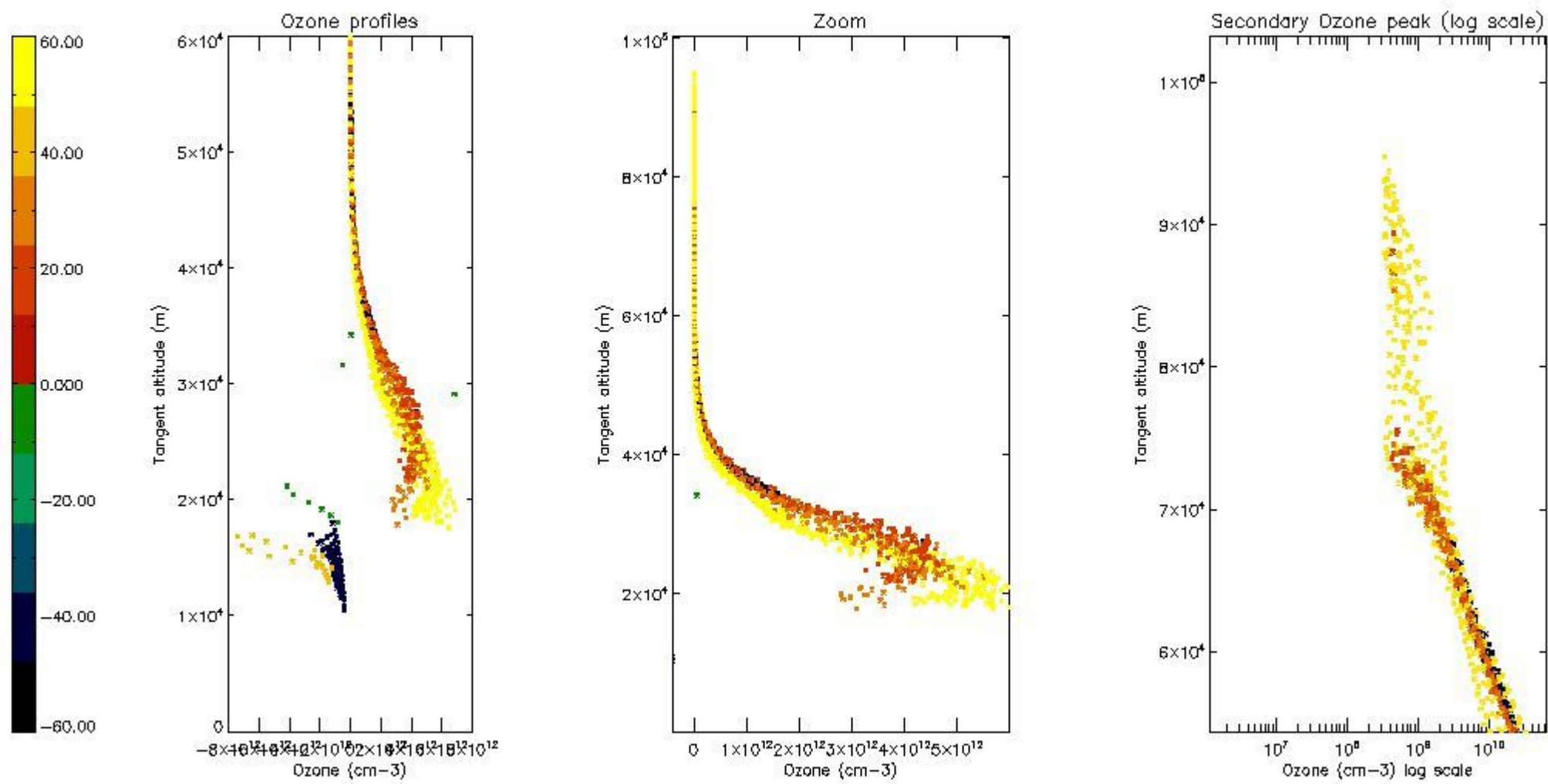
5.4 Plot ozone profiles where  $STD < 10\%$  (dark without errors)

The colorbar represents the latitude.



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

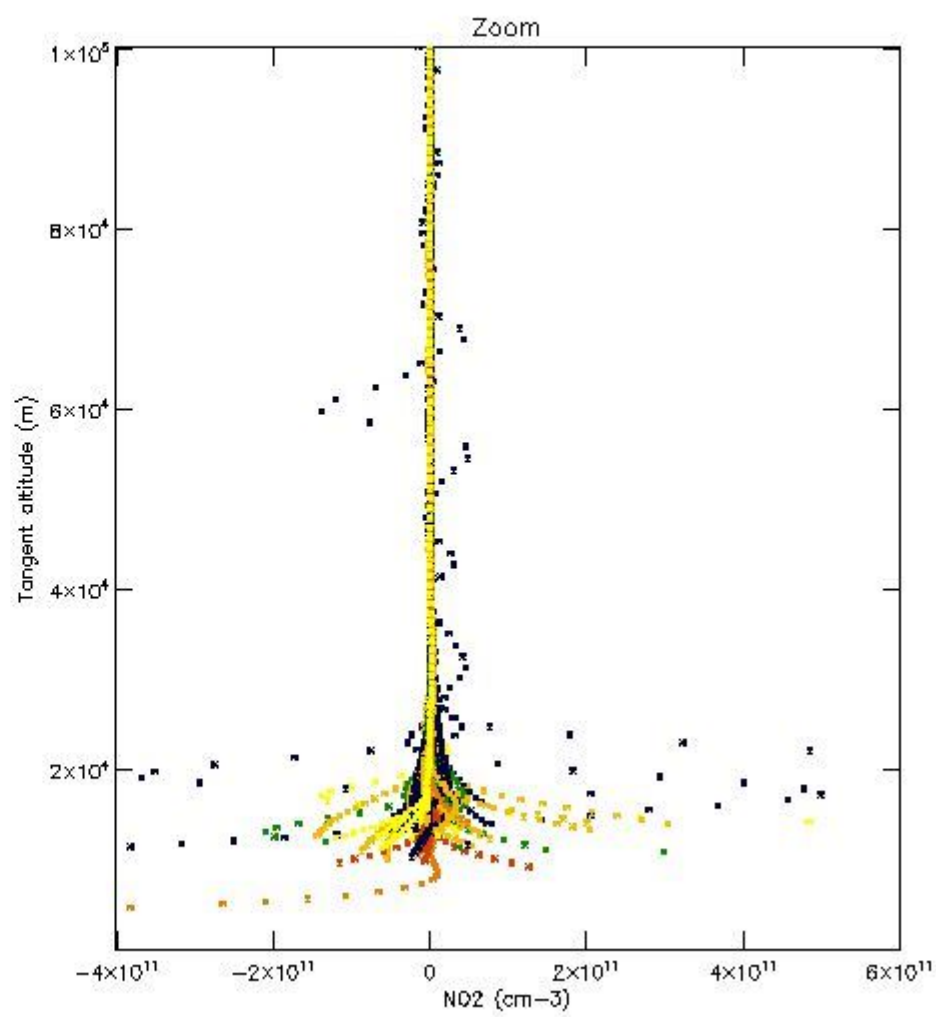
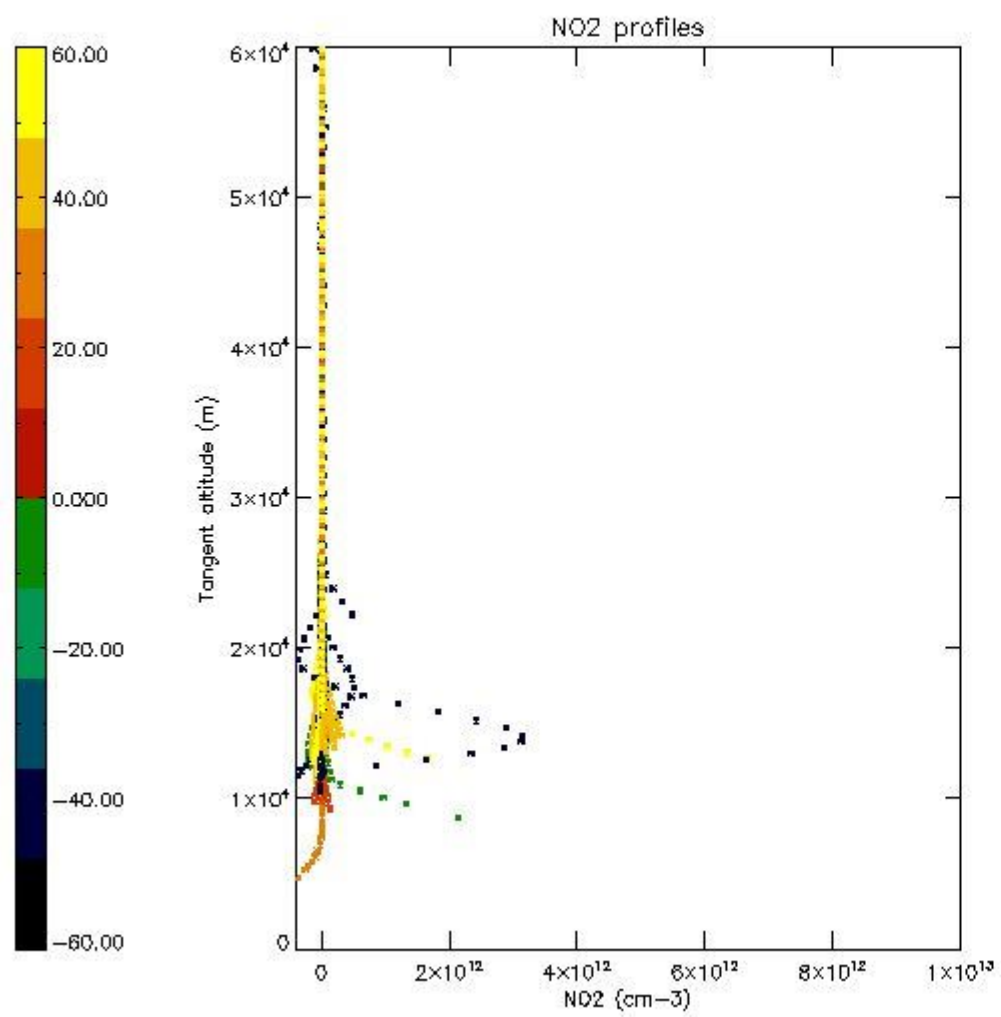
The colorbar represents the latitude.



*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

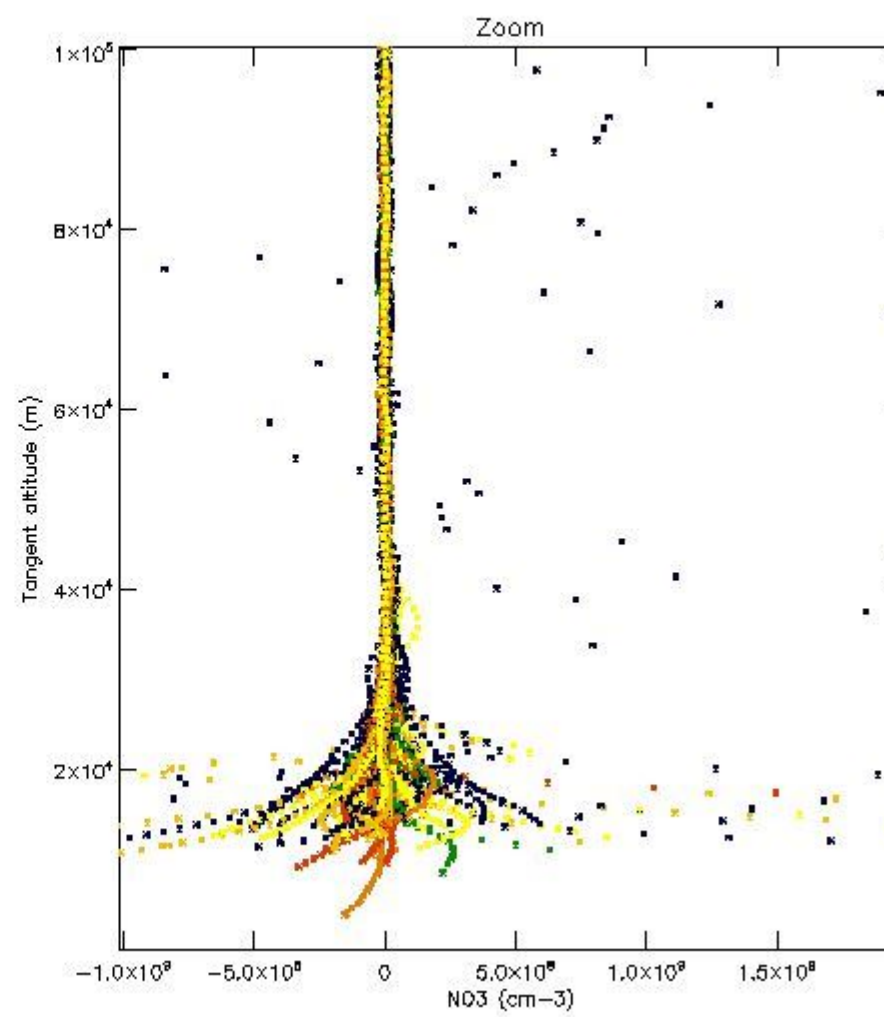
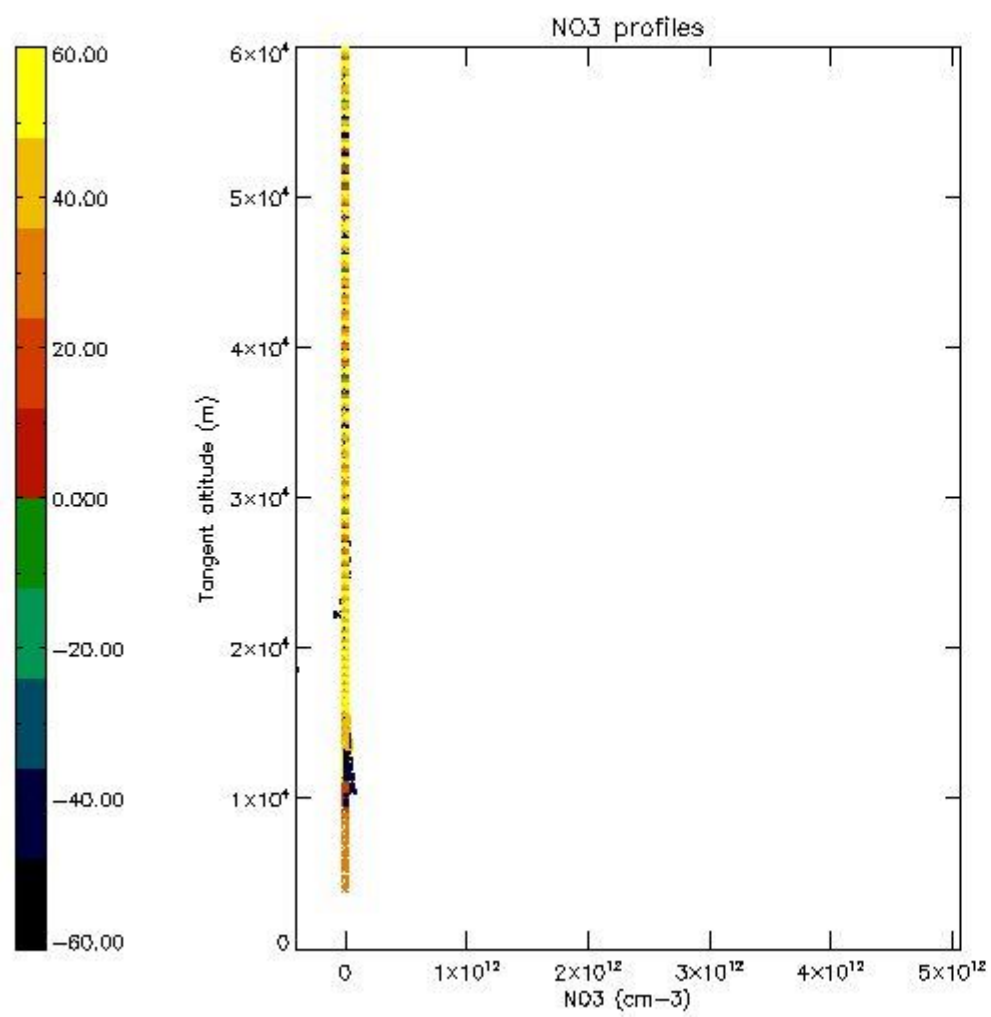
The colorbar represents the latitude.





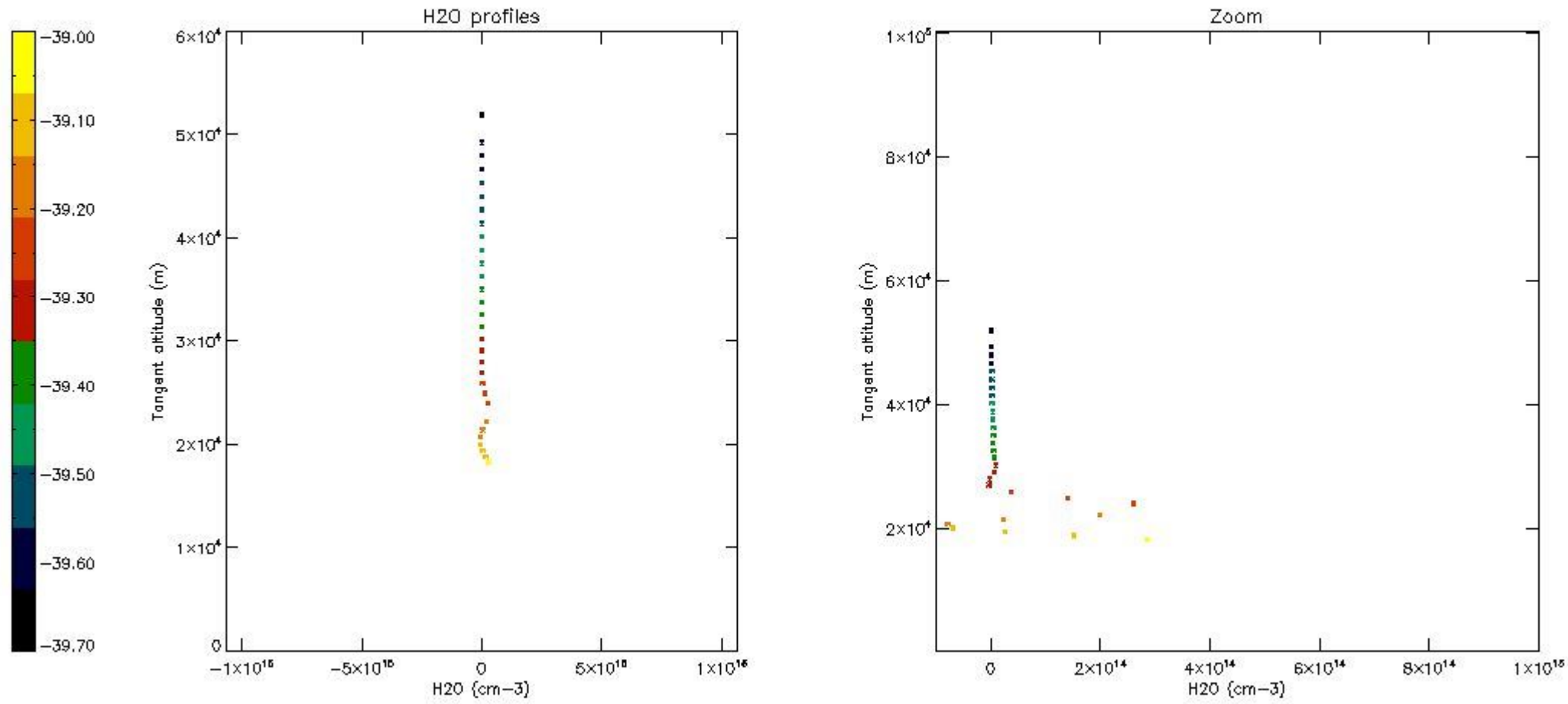
*5.7 Plot NO3 profiles for all STD (dark without errors)*

The colorbar represents the latitude.



5.8 Plot H<sub>2</sub>O profiles for all STD (only for occultations of stars 1,2,3,4,13,14,16,26,63 dark without errors)

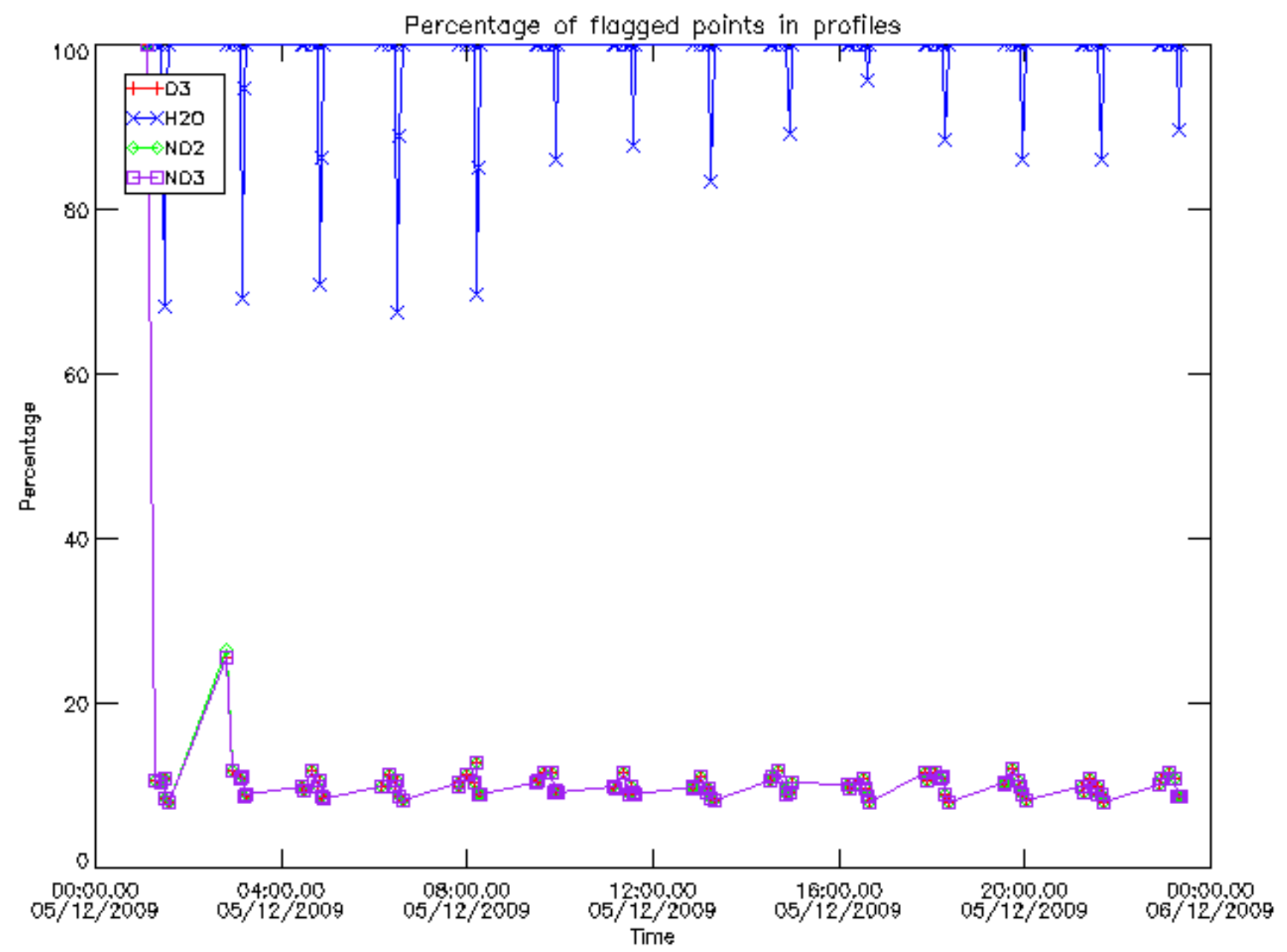
The colorbar represents the latitude.



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

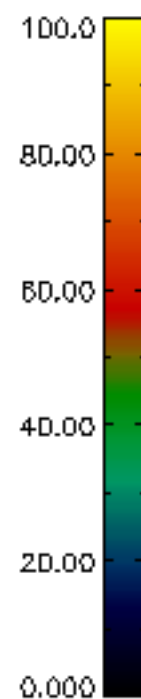
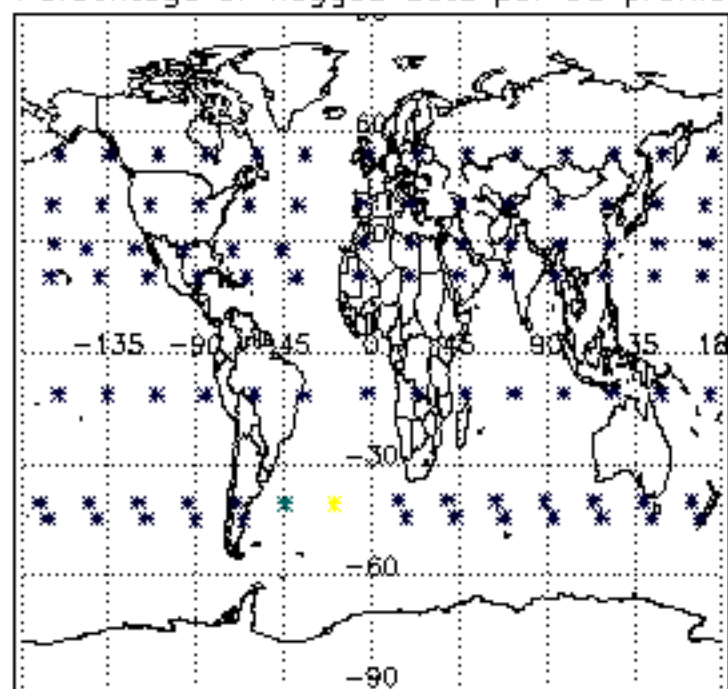
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	05-DEC-2009 00:03:22
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	05-DEC-2009 00:03:22
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	05-DEC-2009 00:03:22

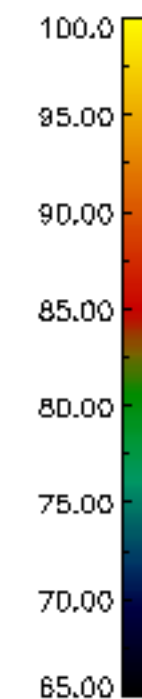
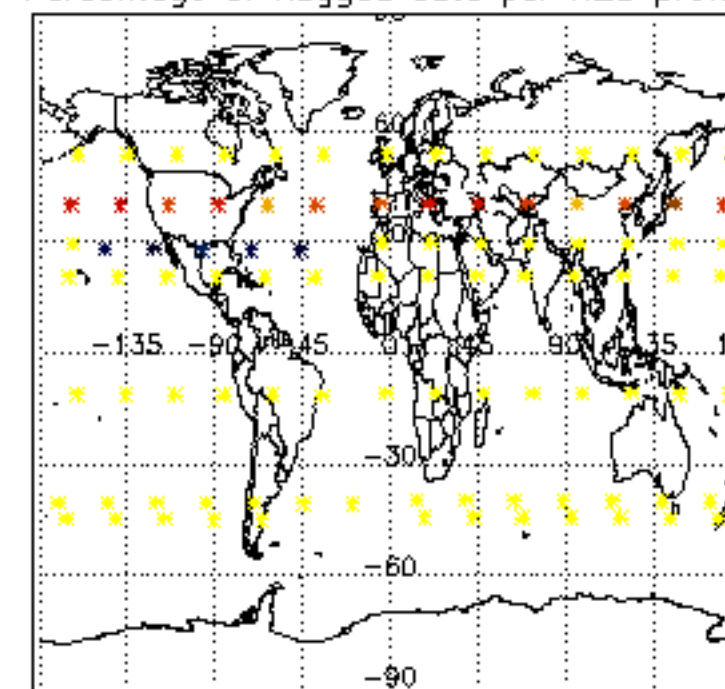




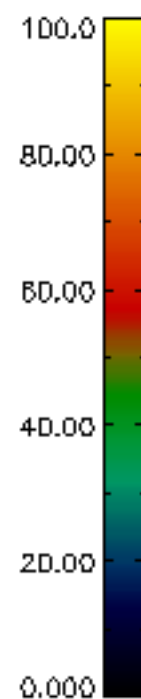
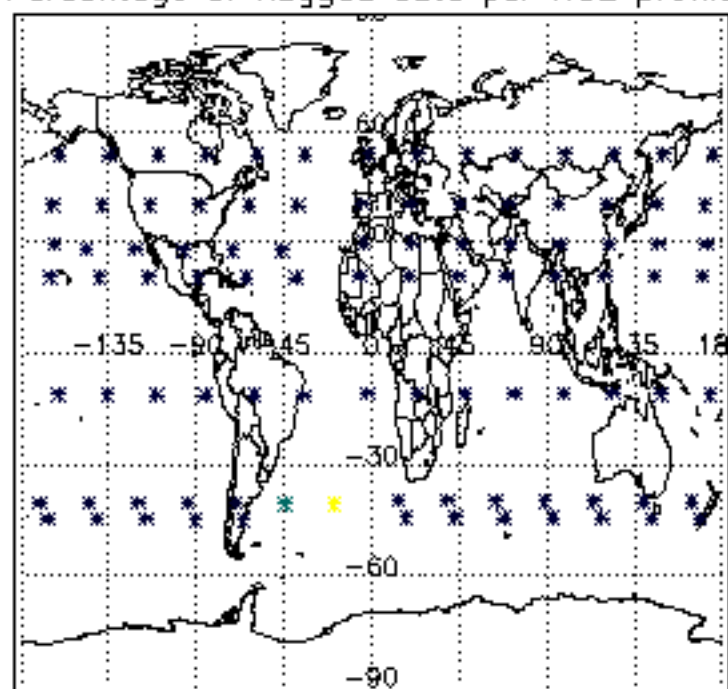
Percentage of flagged data per D3 profile



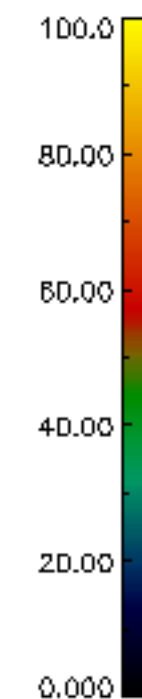
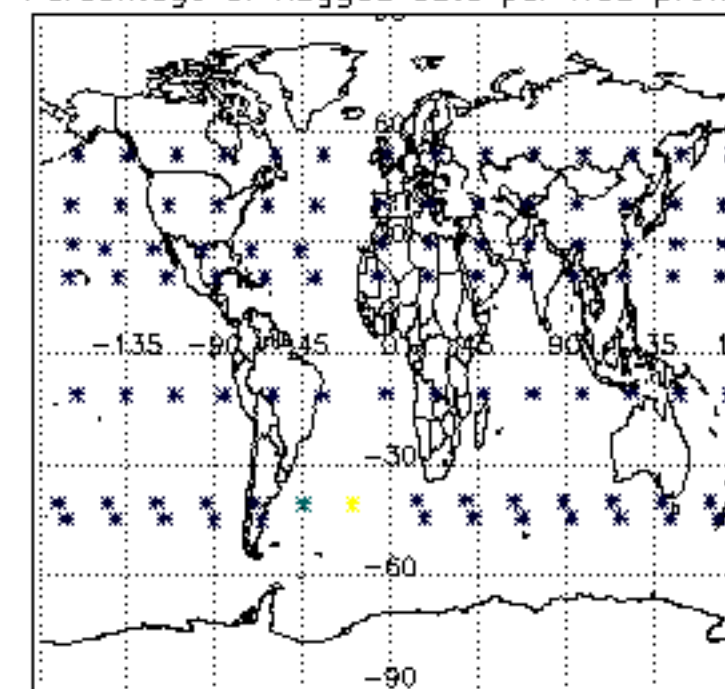
Percentage of flagged data per H2O profile

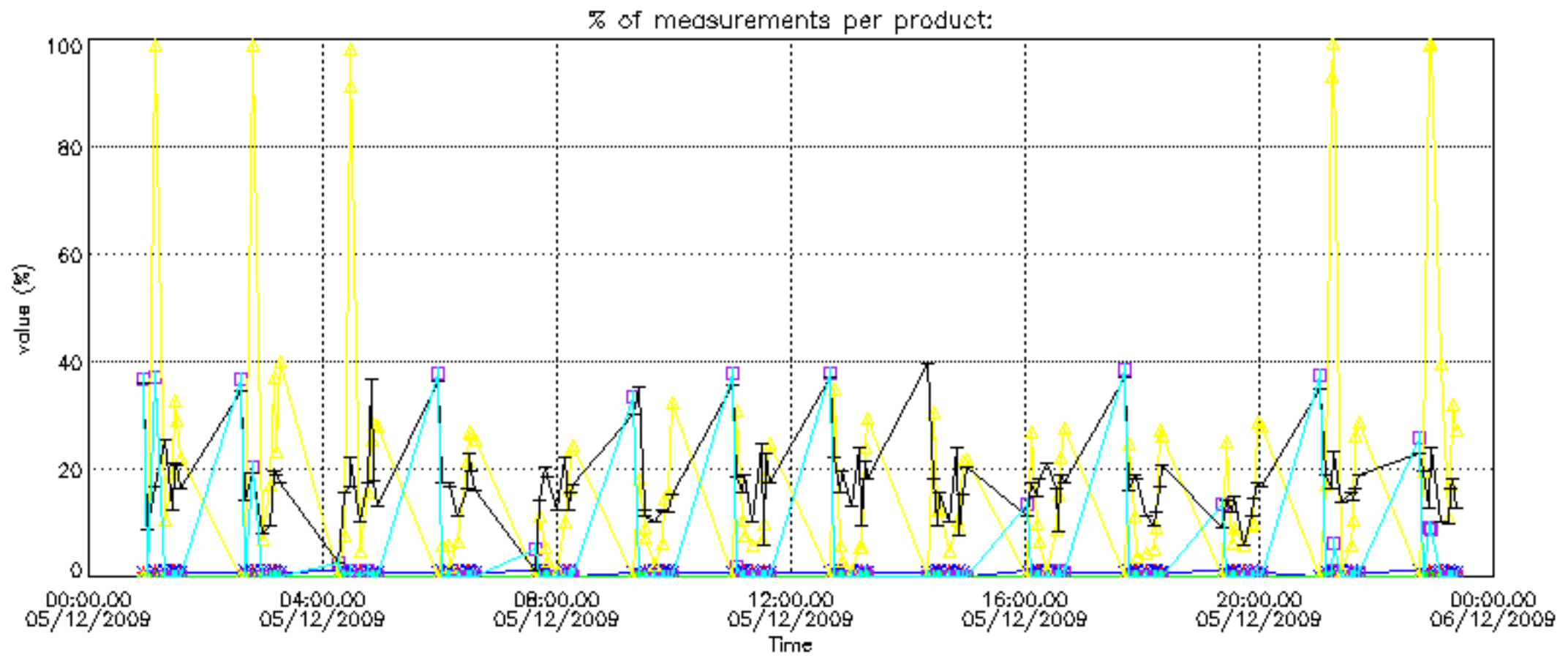


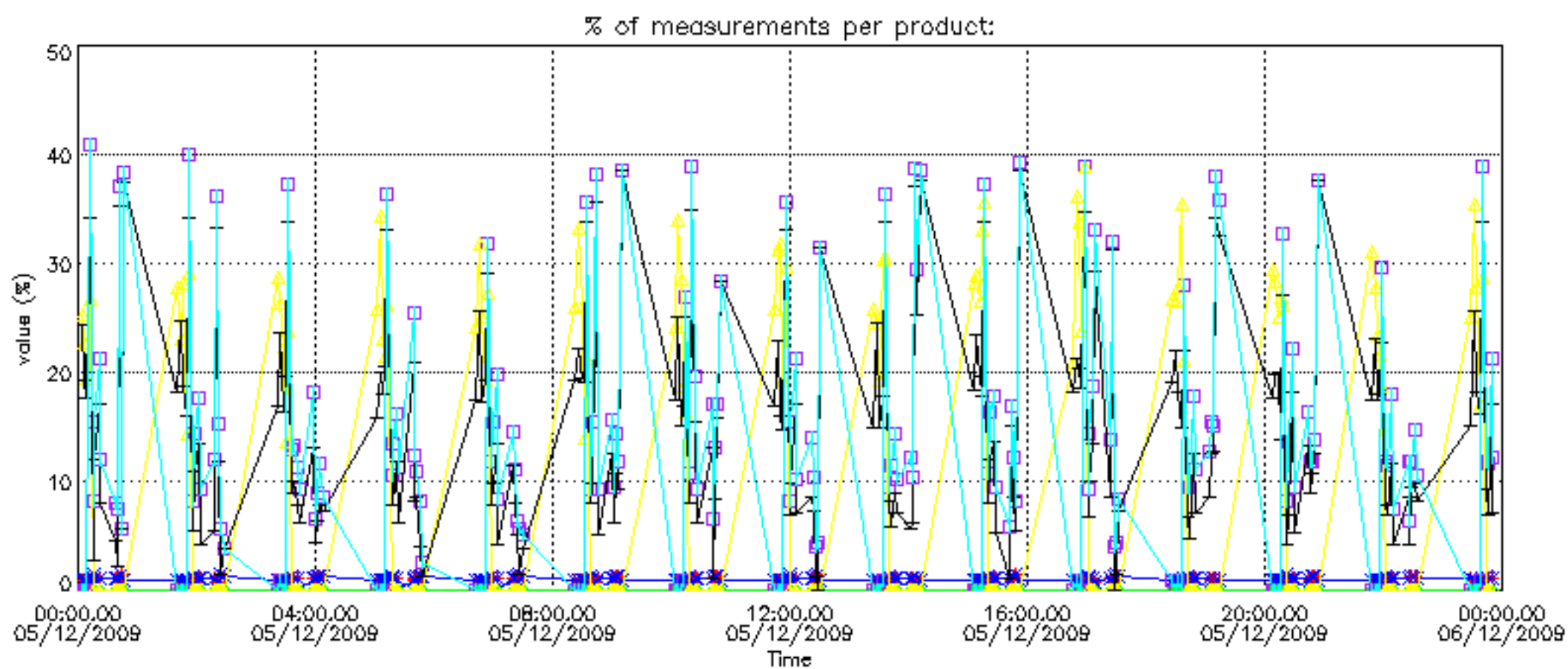
Percentage of flagged data per NO2 profile



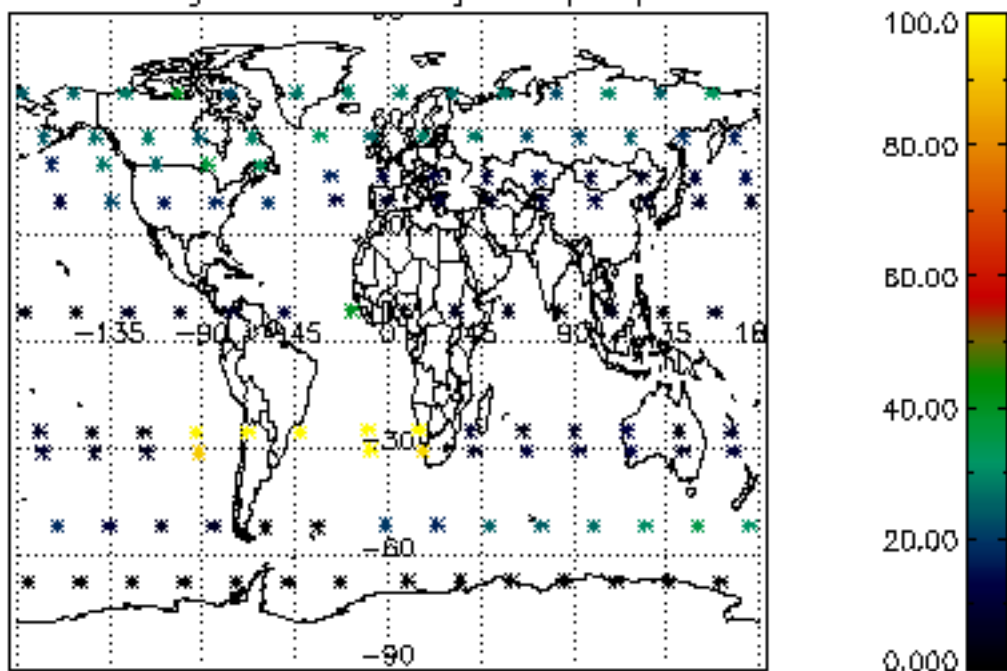
Percentage of flagged data per NO3 profile



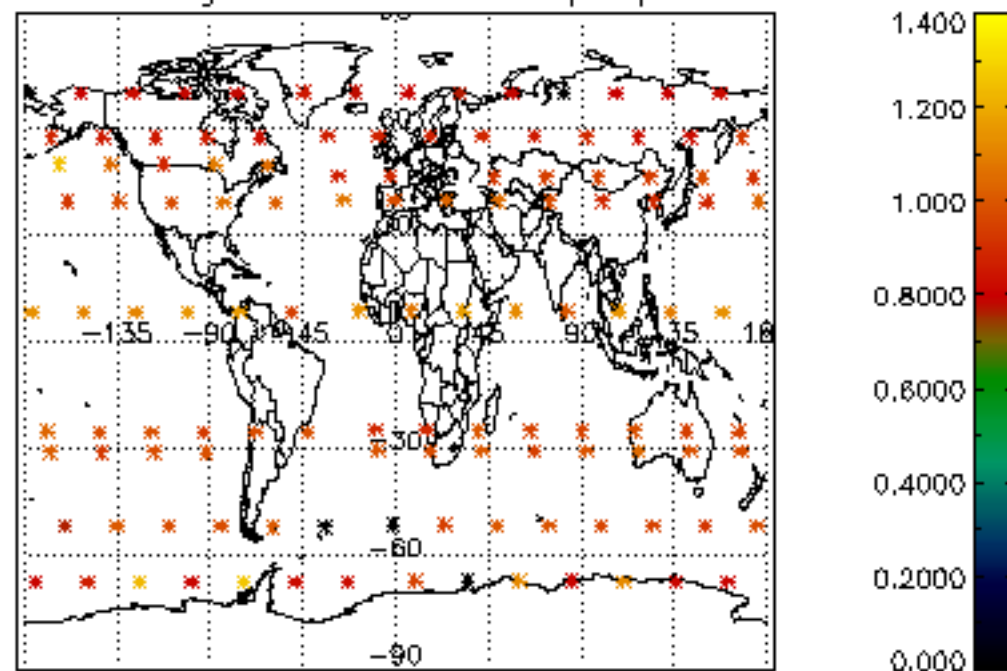




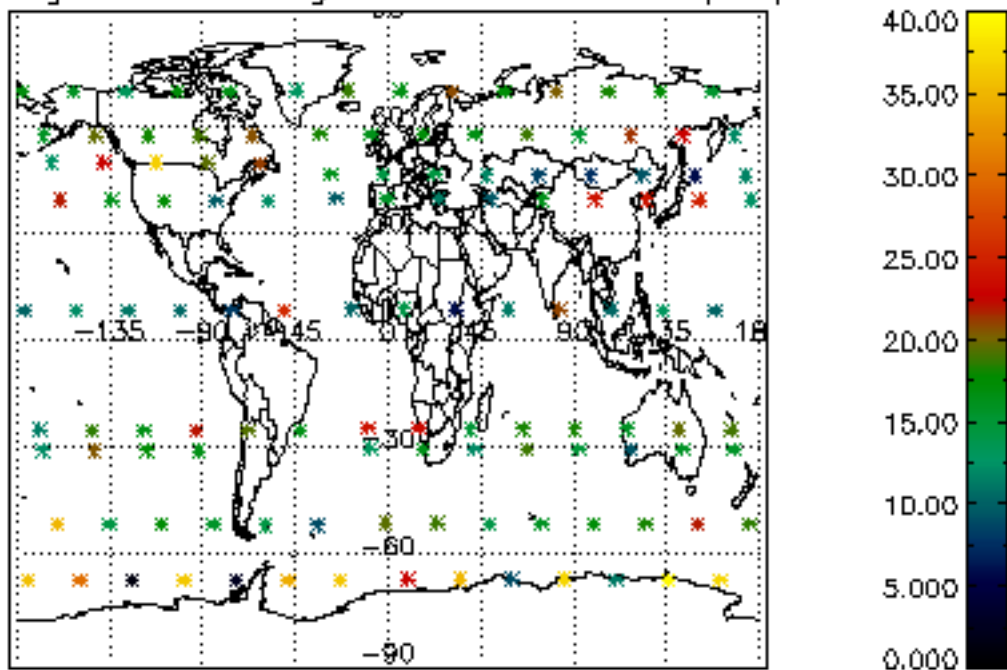
Percentage of cosmic ray hits per profile



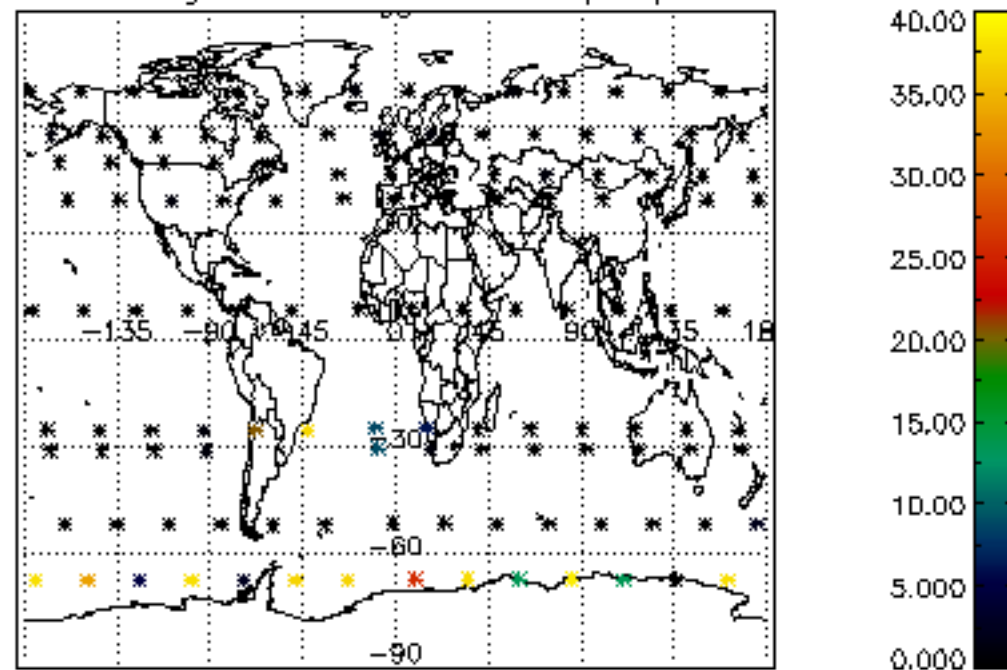
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

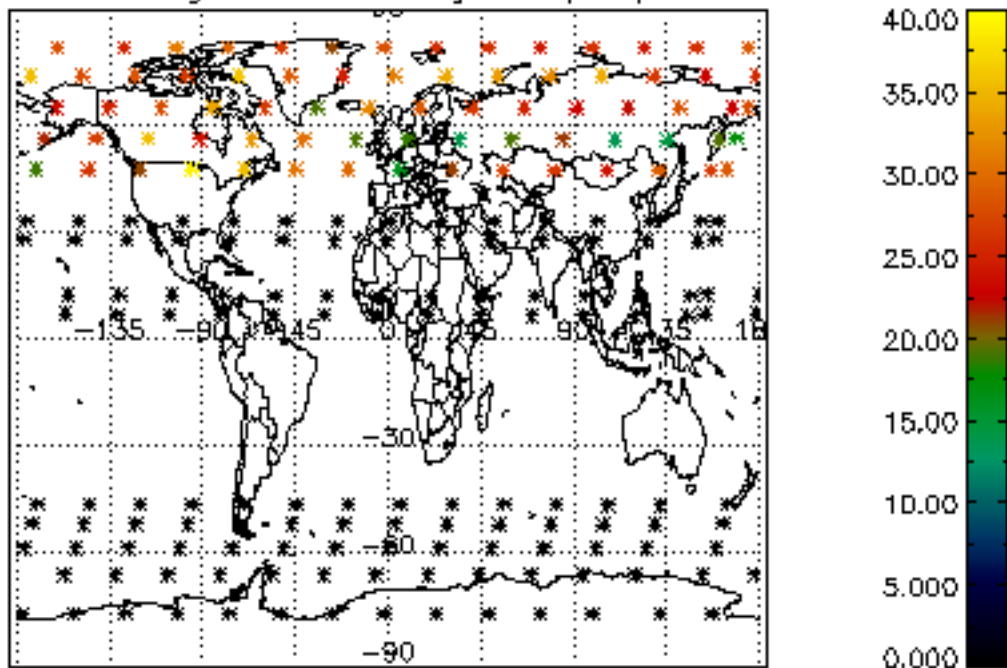


Percentage of saturation errors per profile

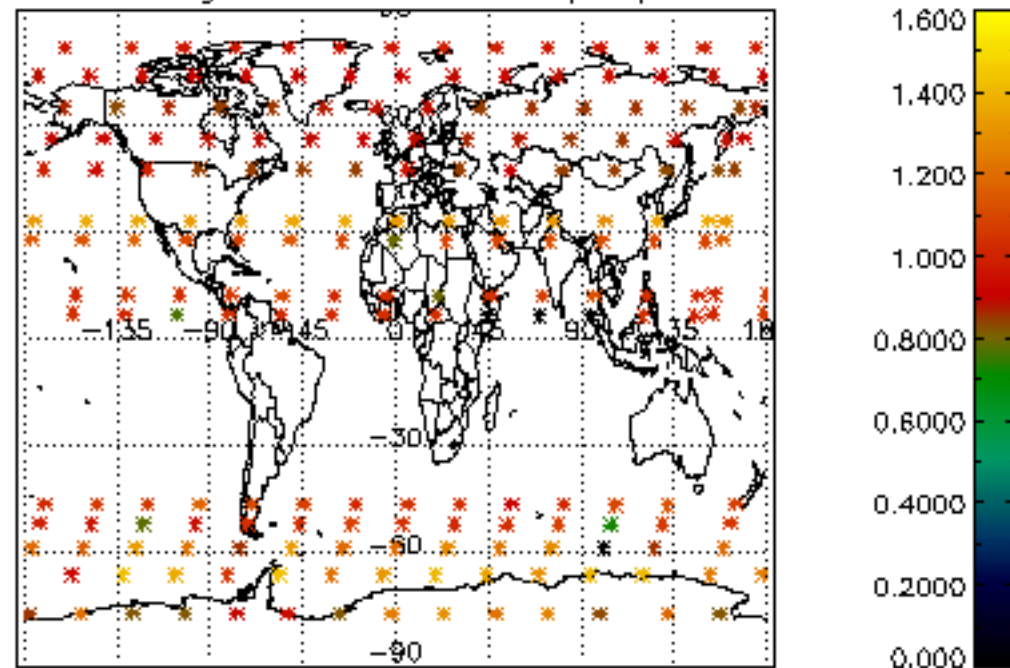




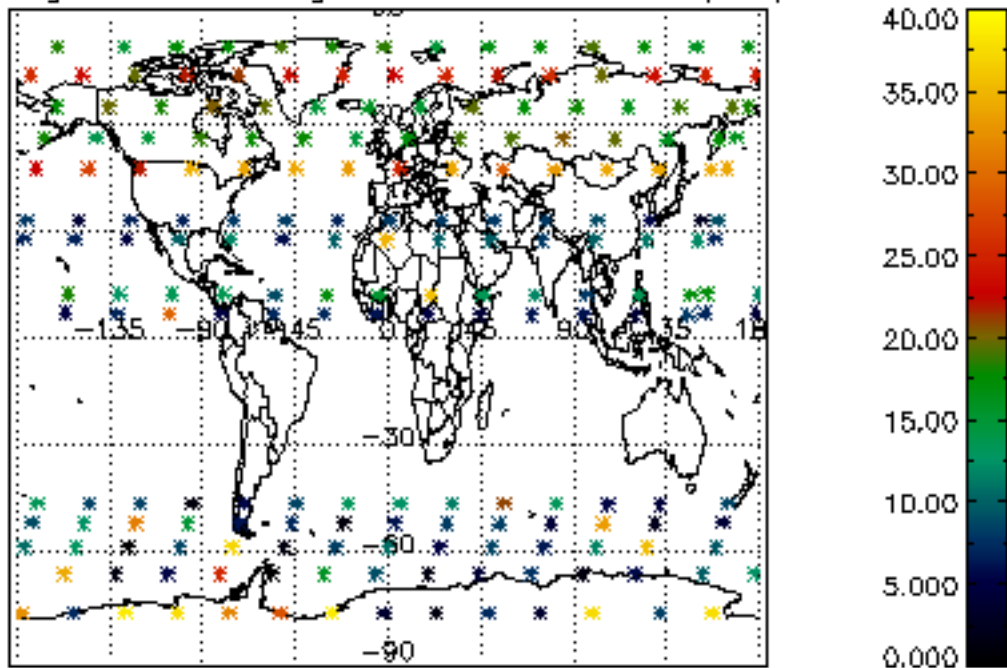
Percentage of cosmic ray hits per profile



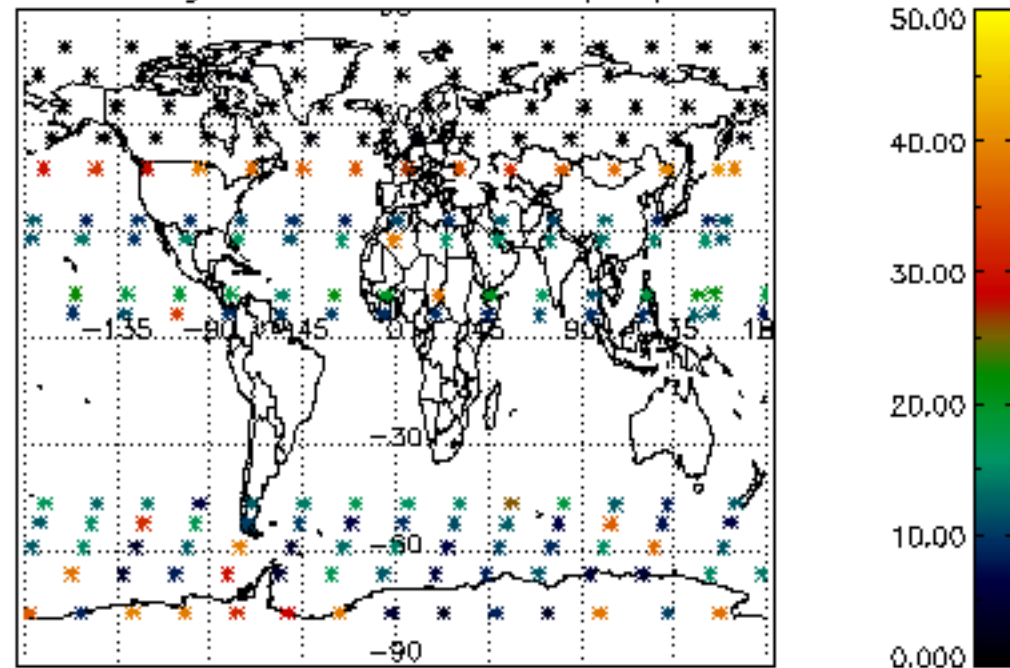
Percentage of datation errors per profile

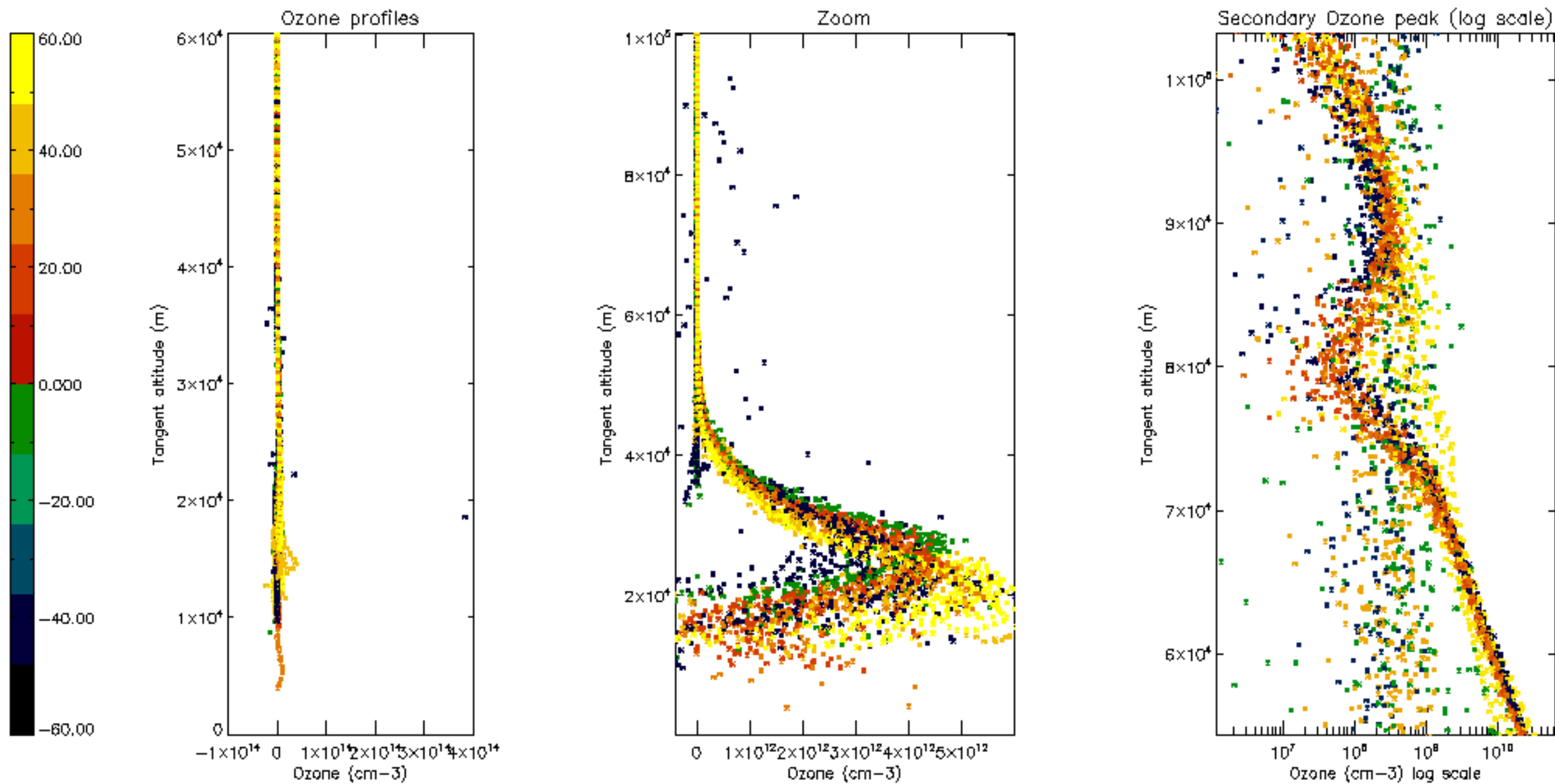


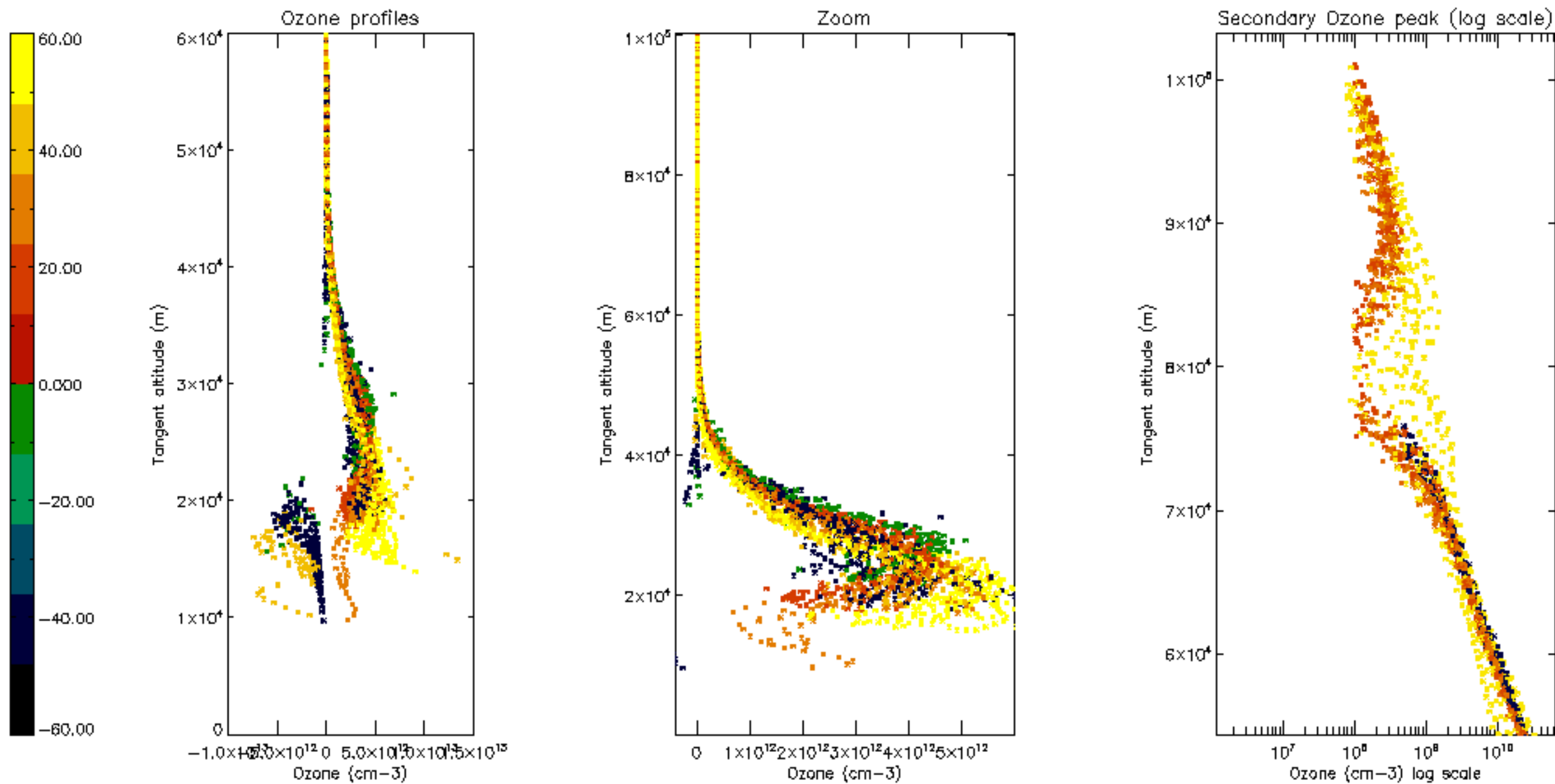
Percentage of star falling outside central band per profile

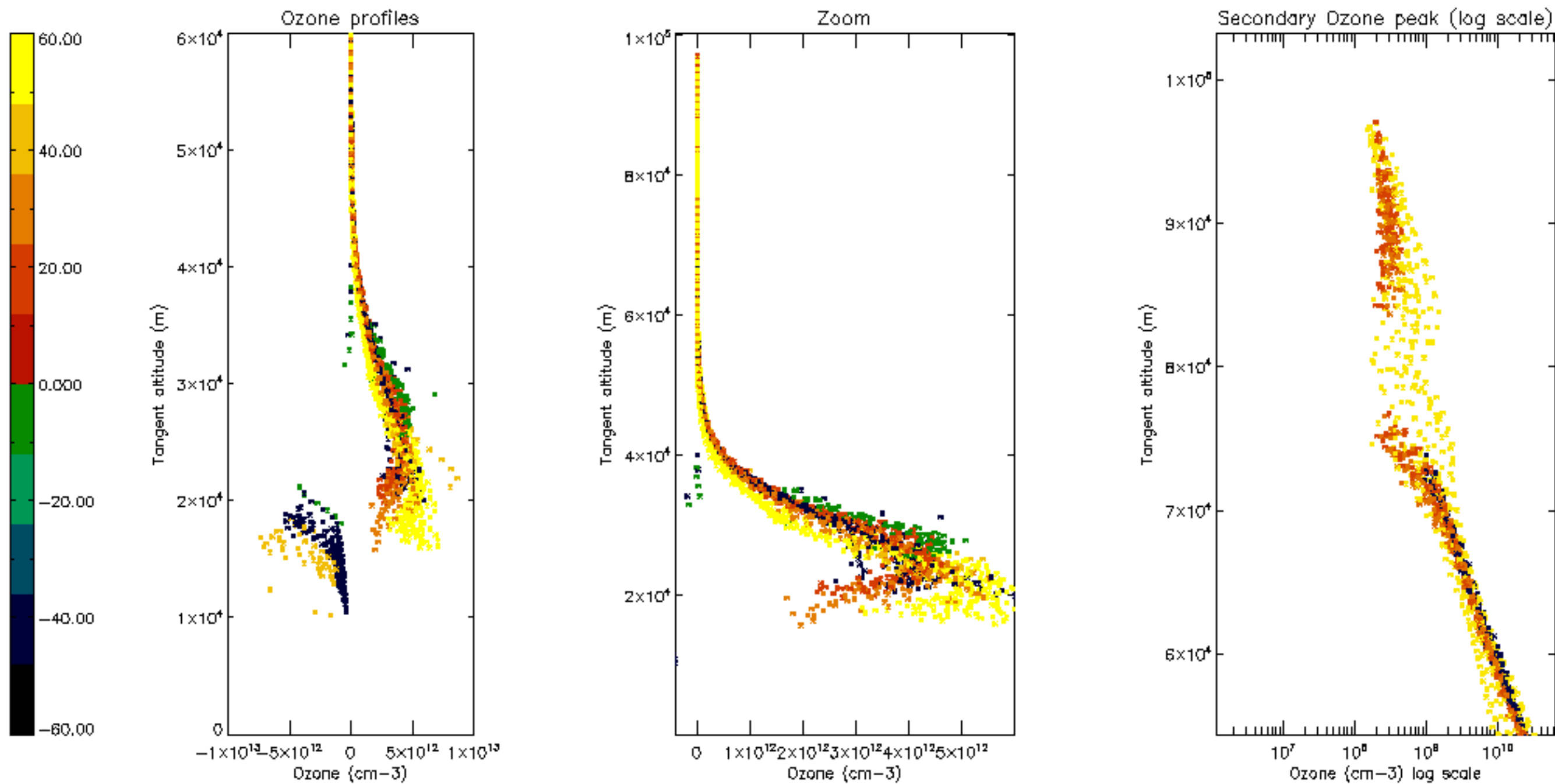


Percentage of saturation errors per profile

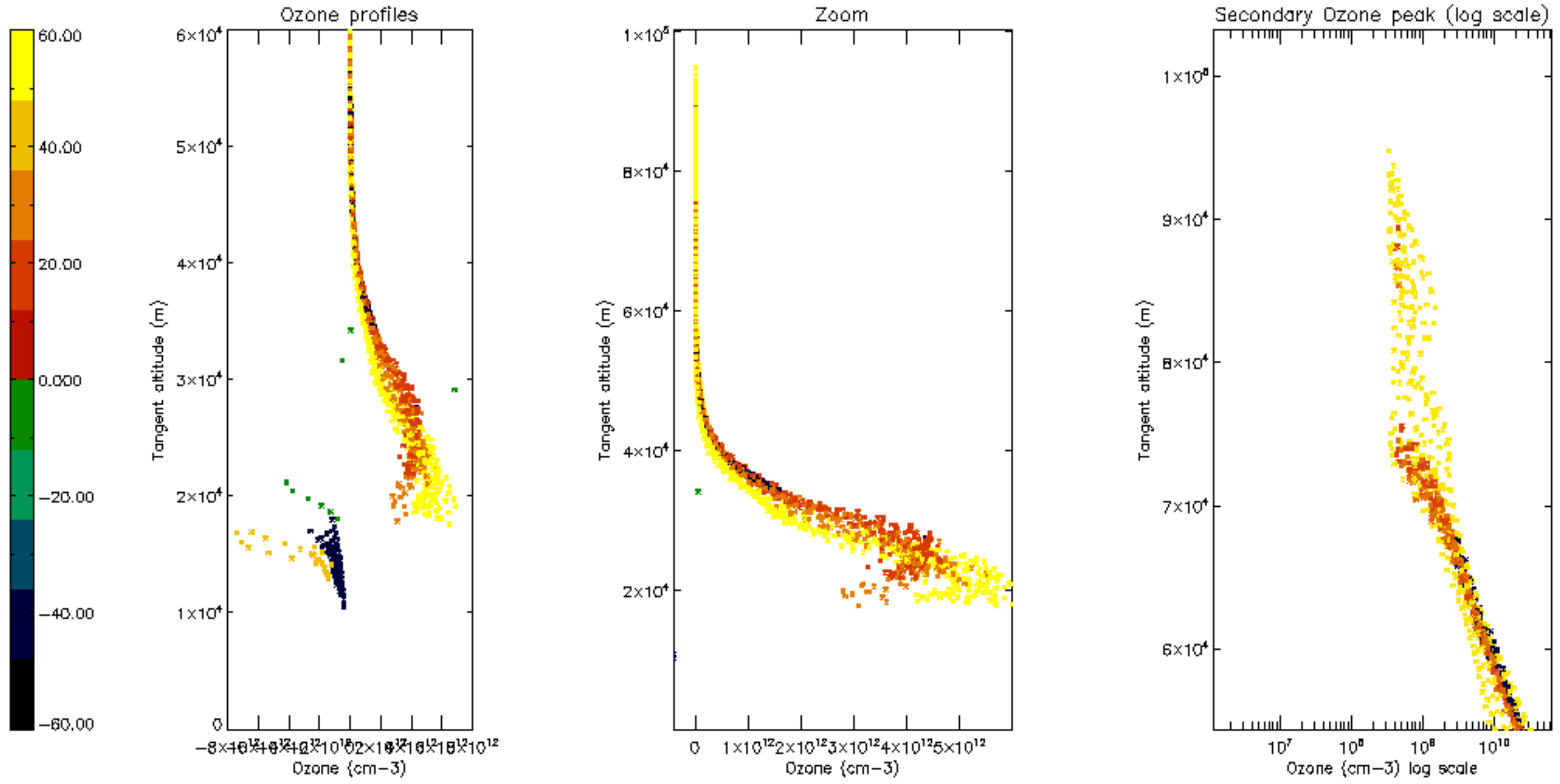


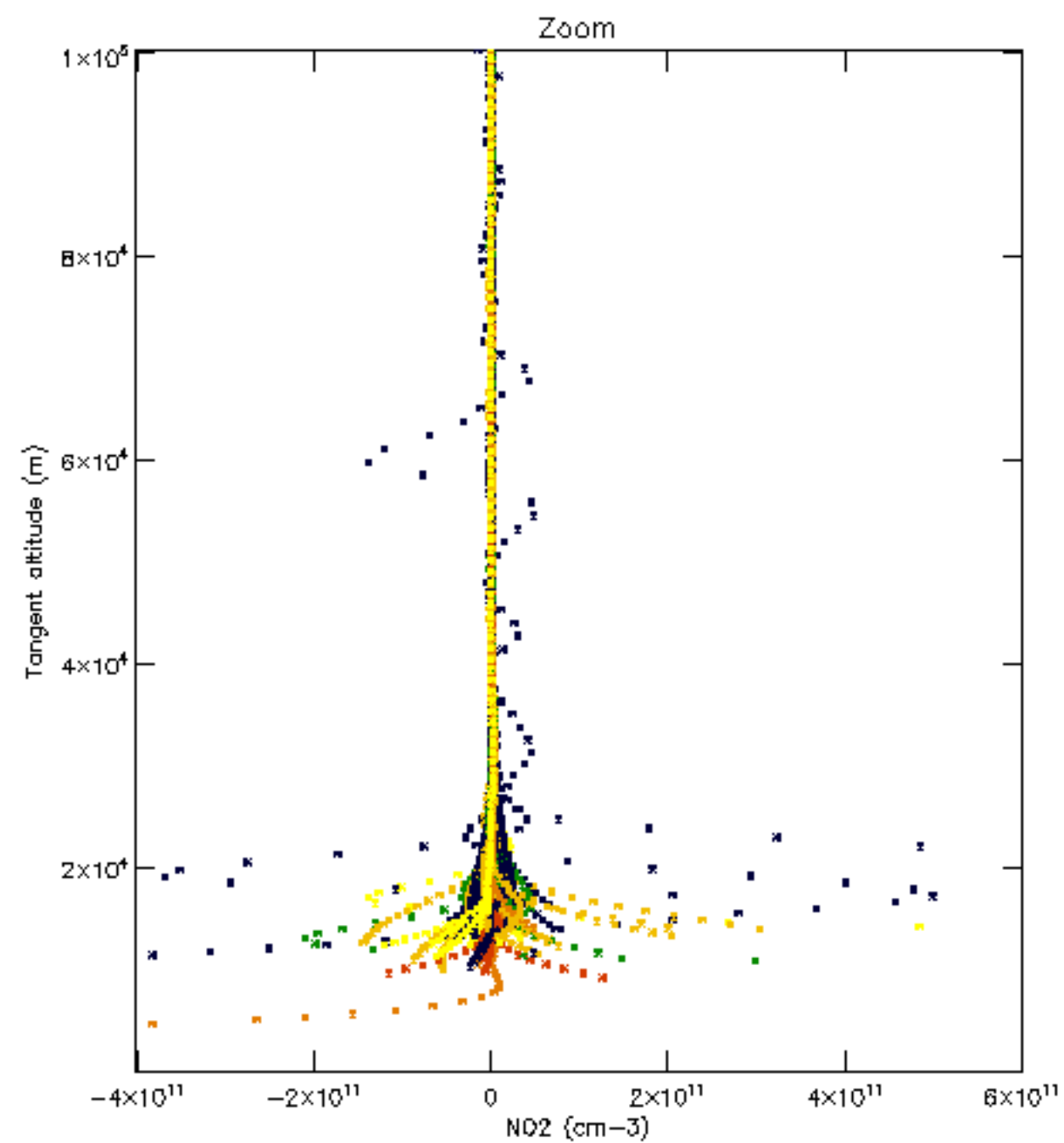
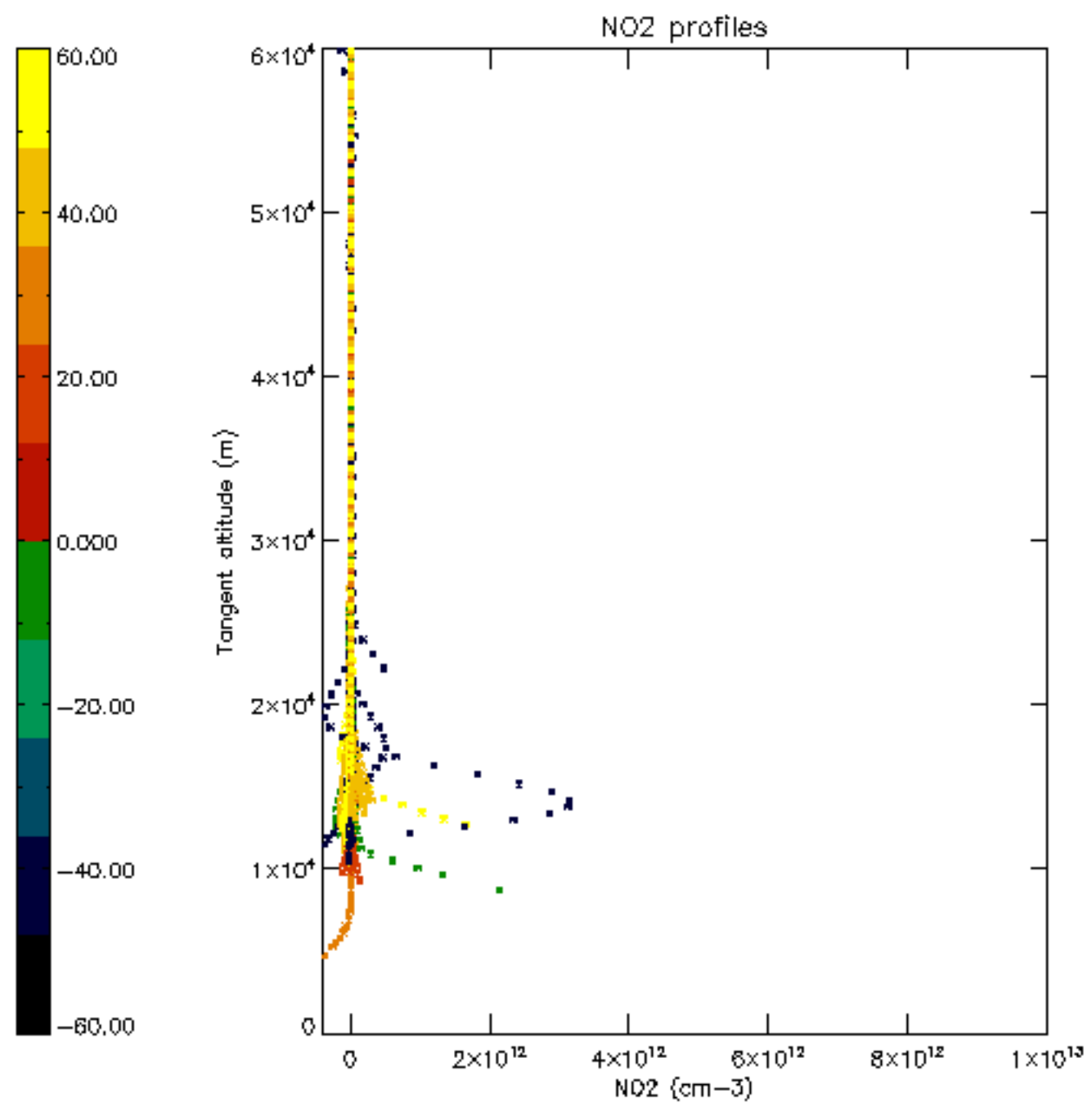


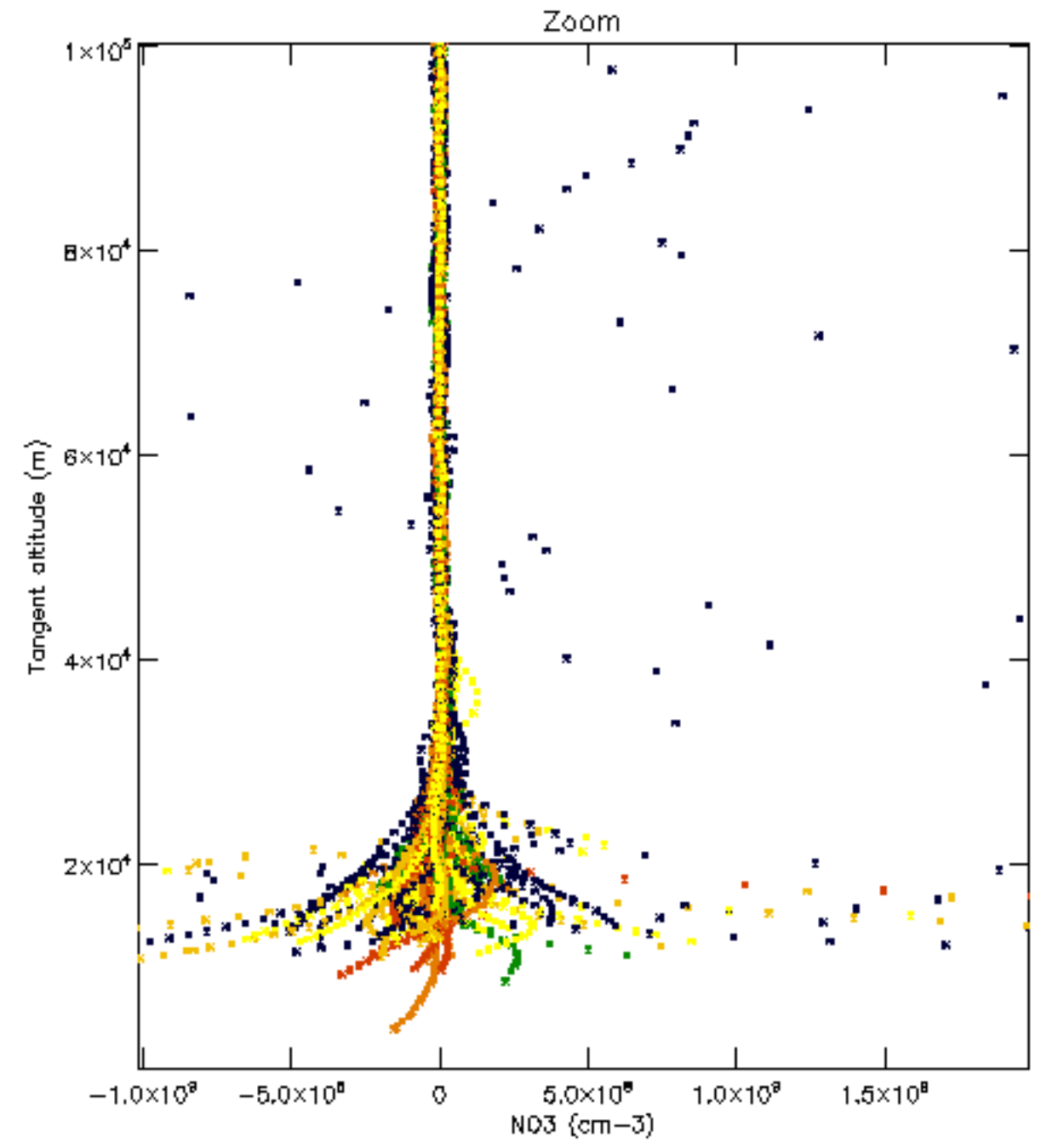
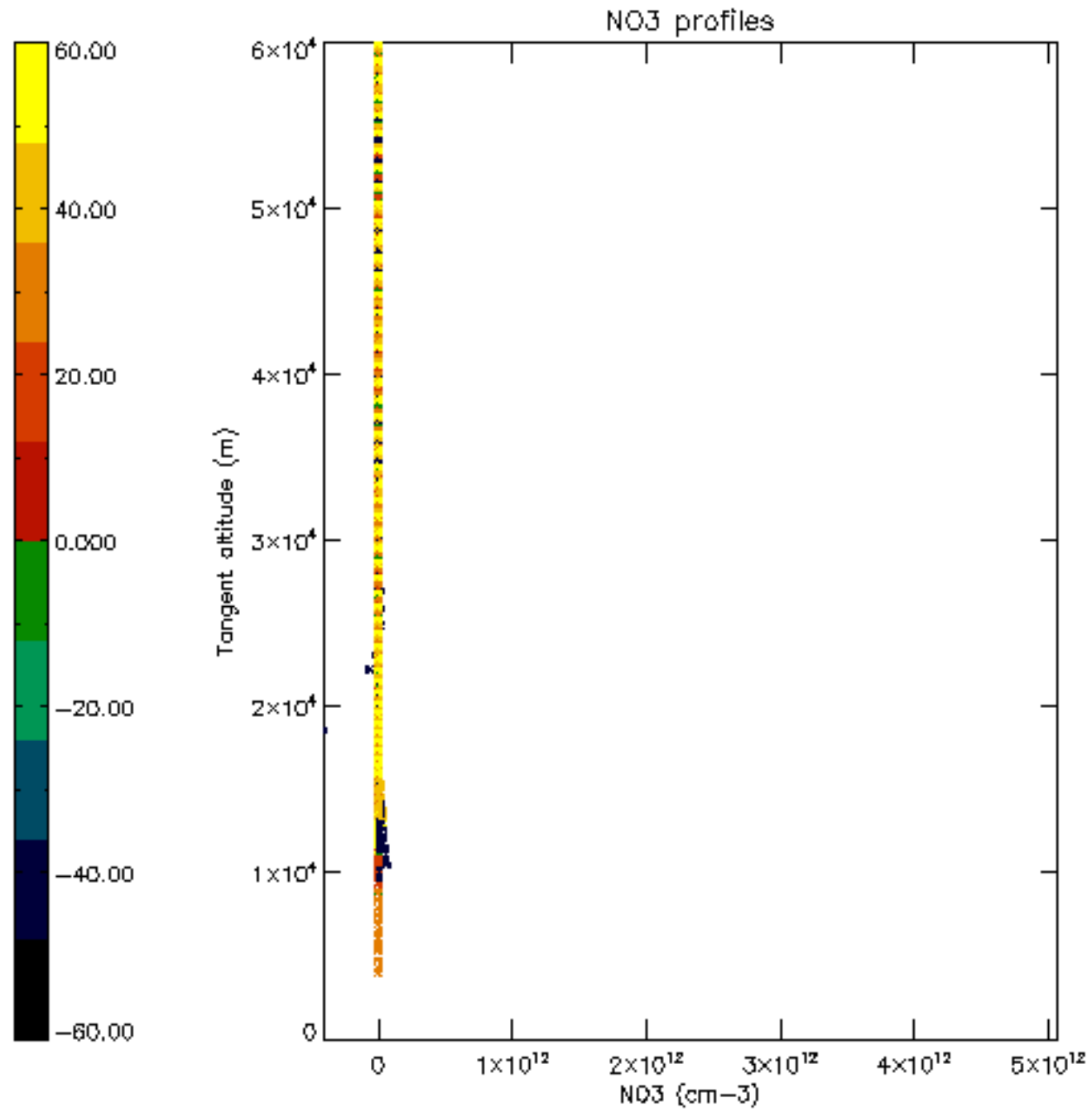


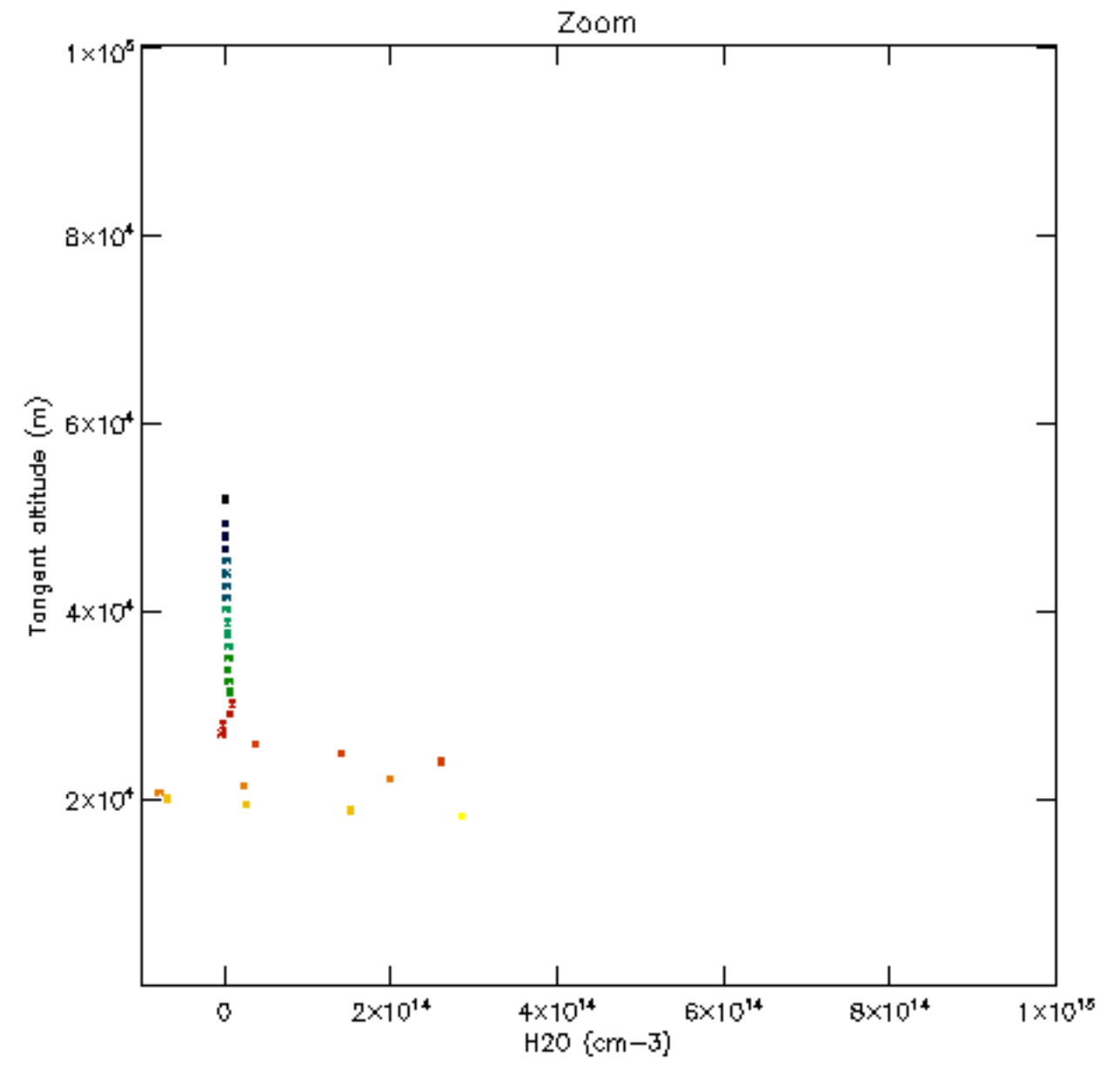
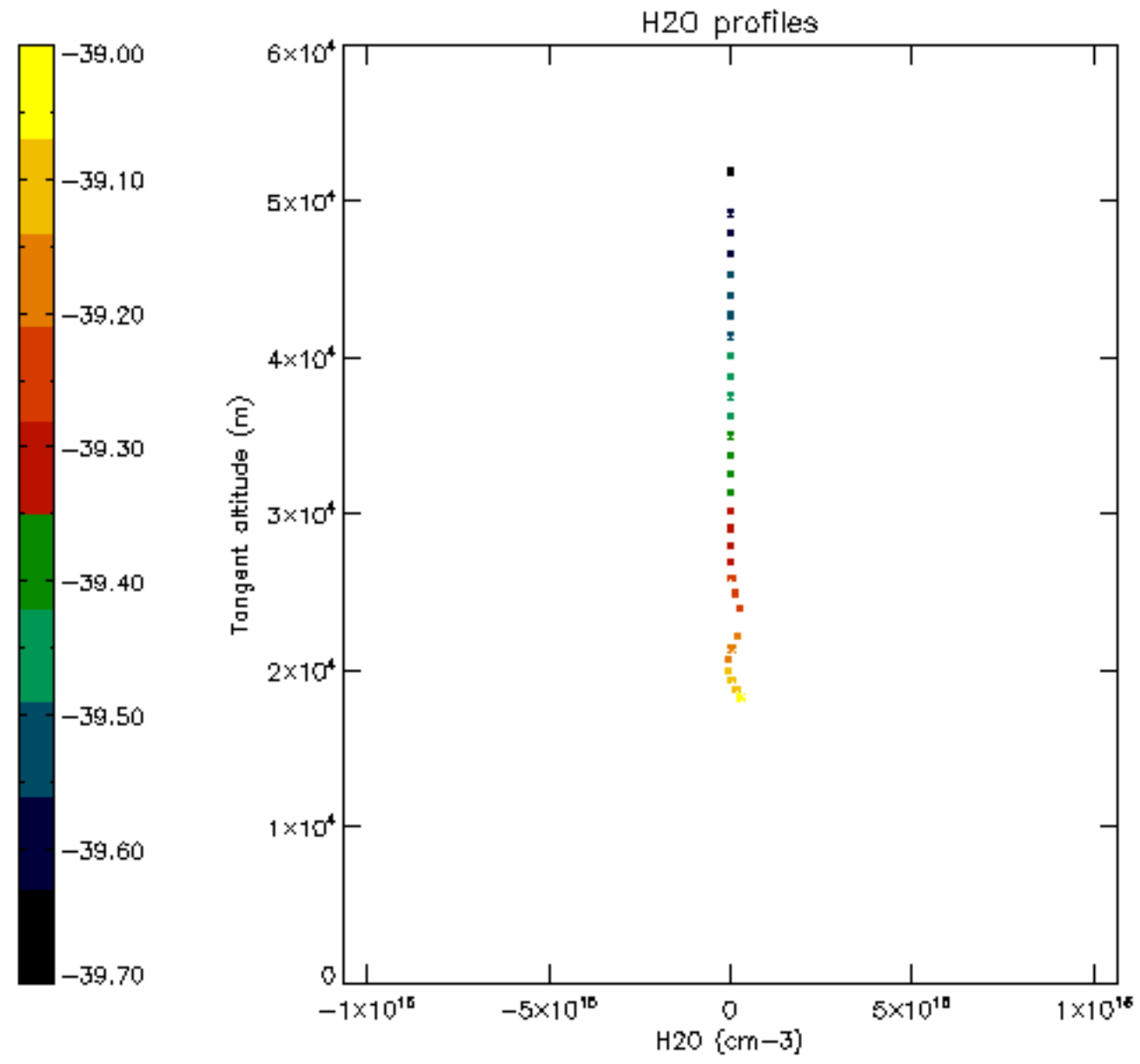




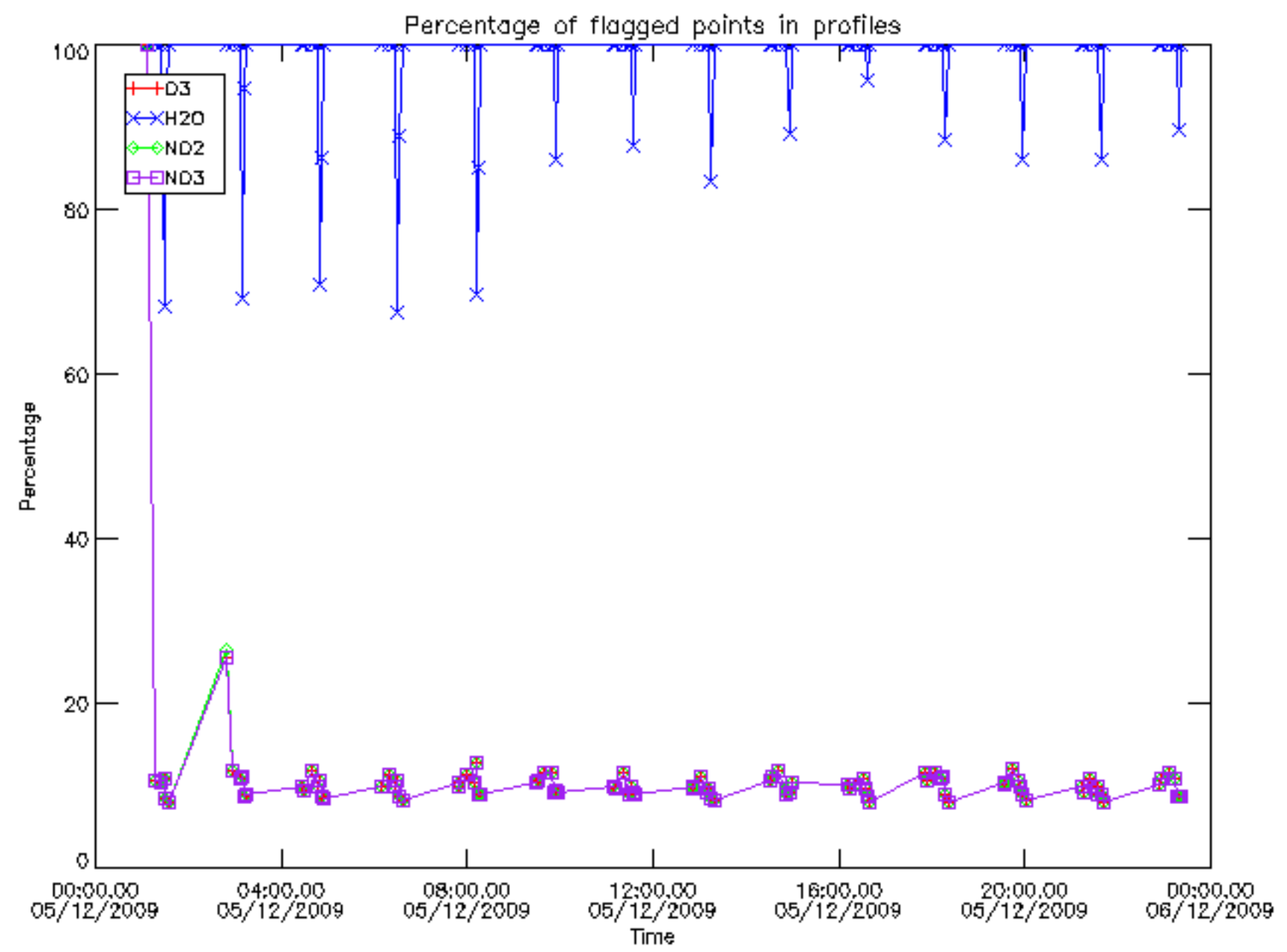




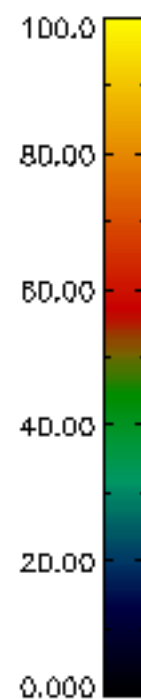
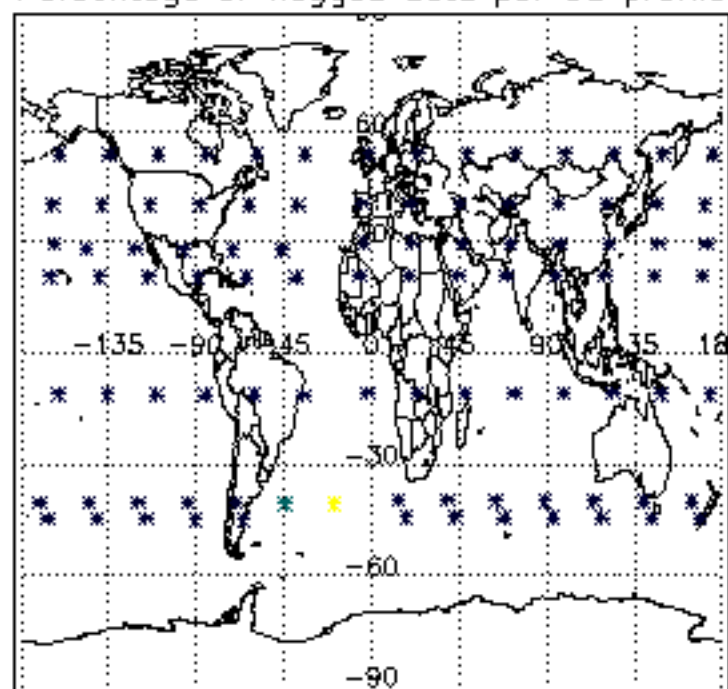




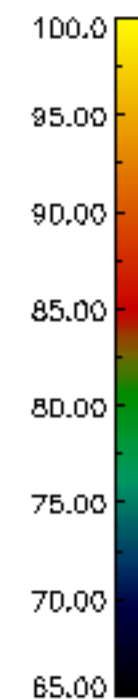
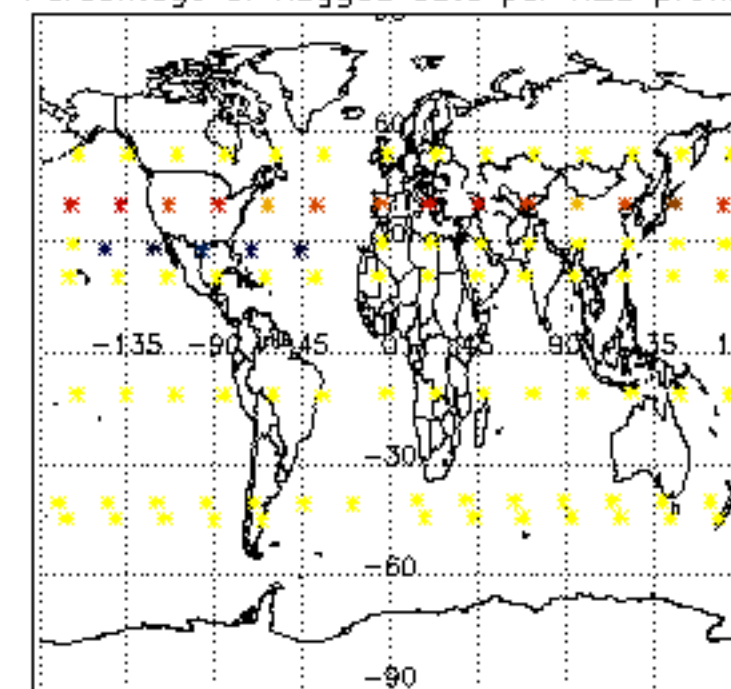




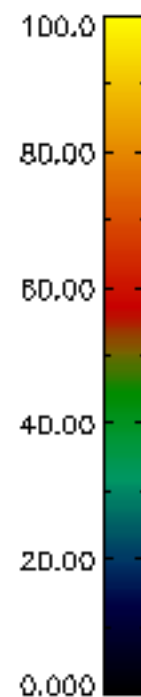
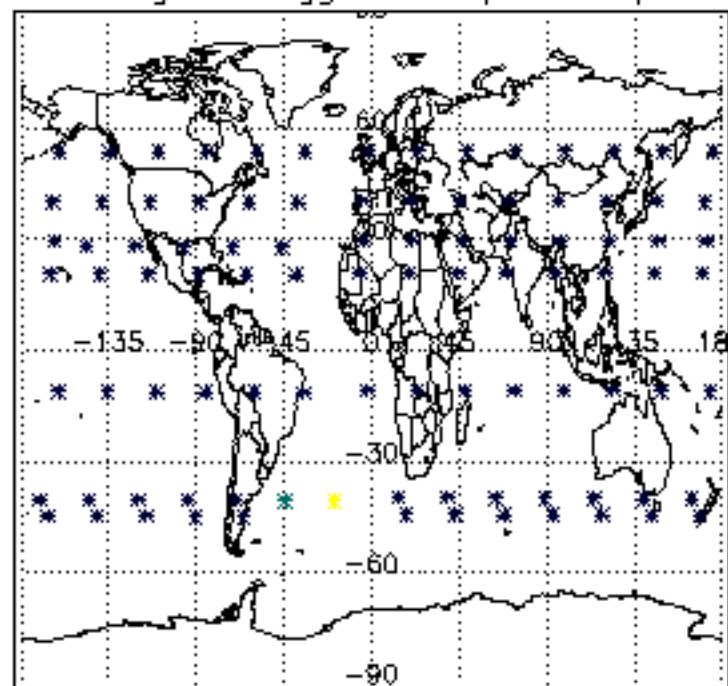
Percentage of flagged data per D3 profile



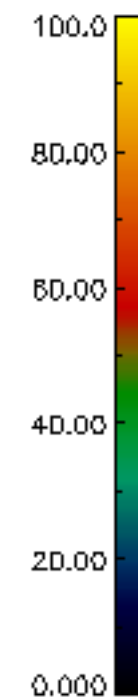
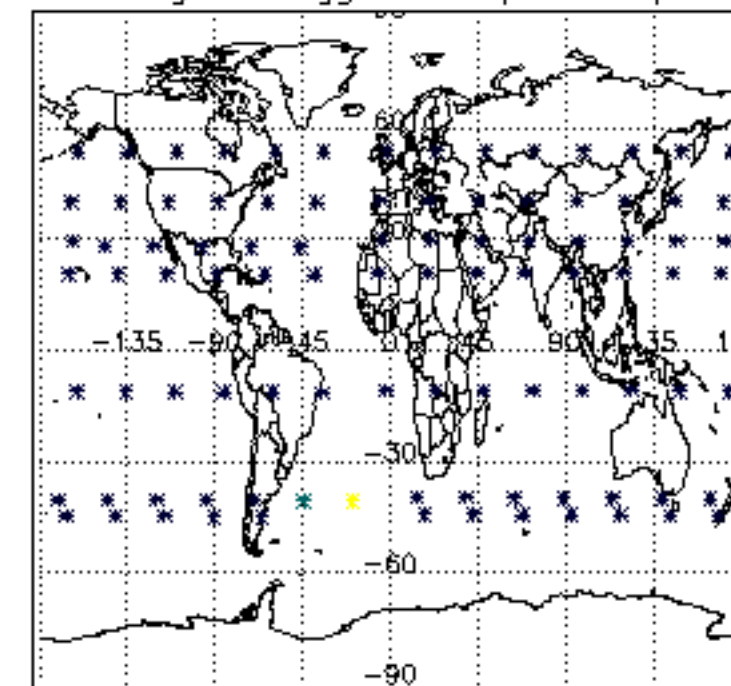
Percentage of flagged data per H2O profile

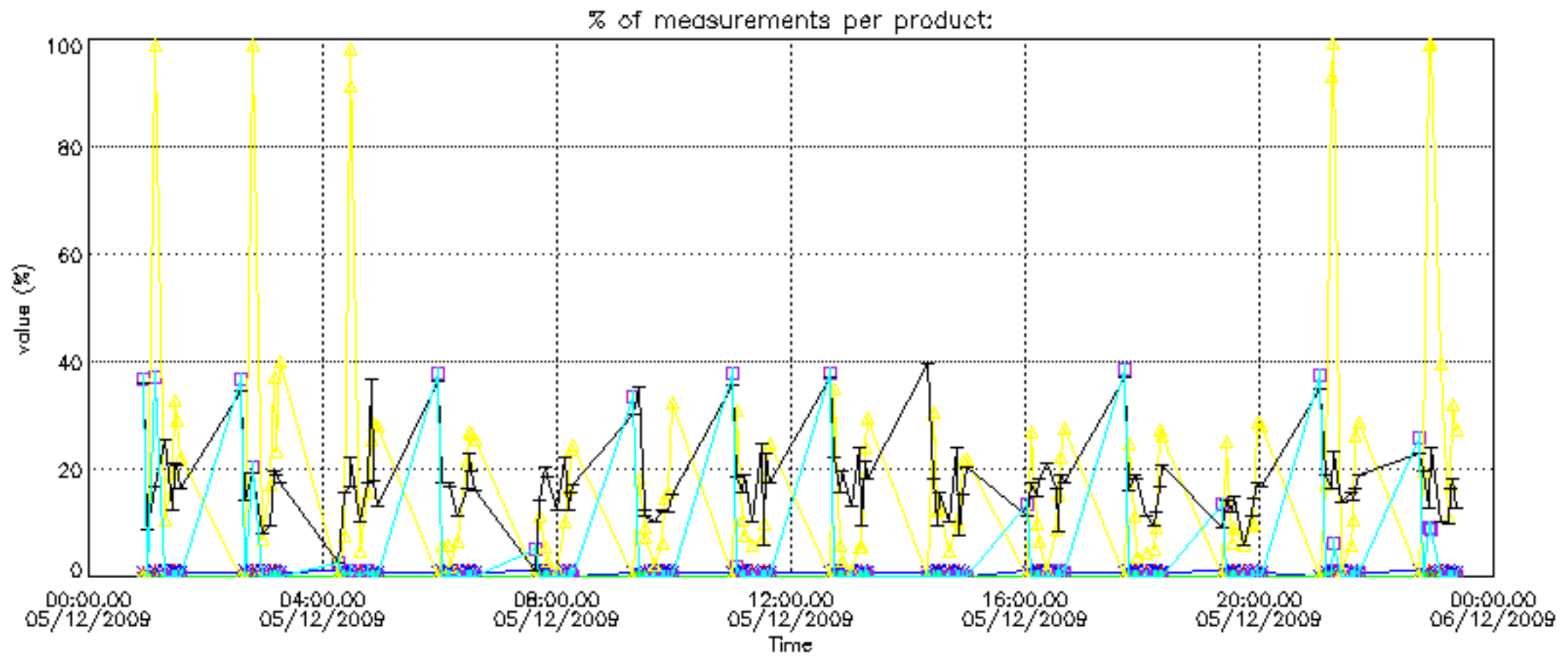


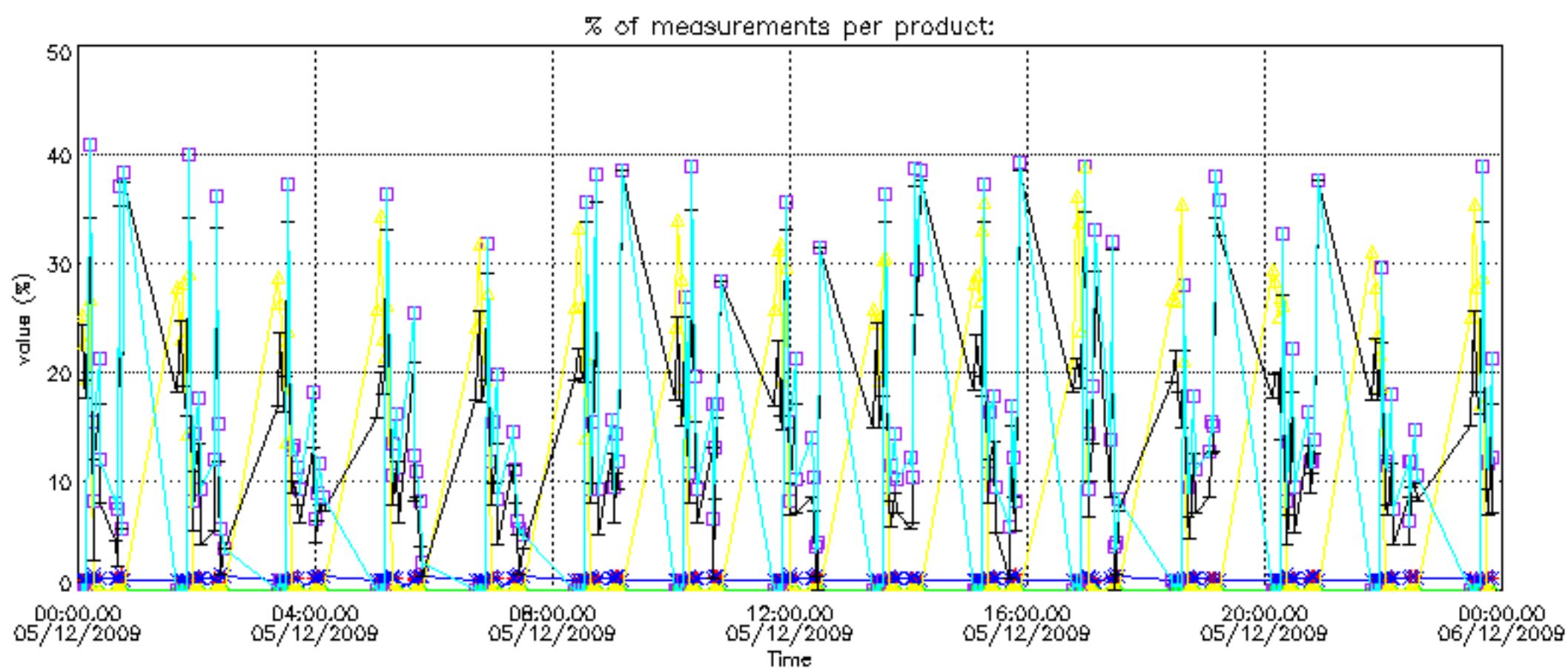
Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

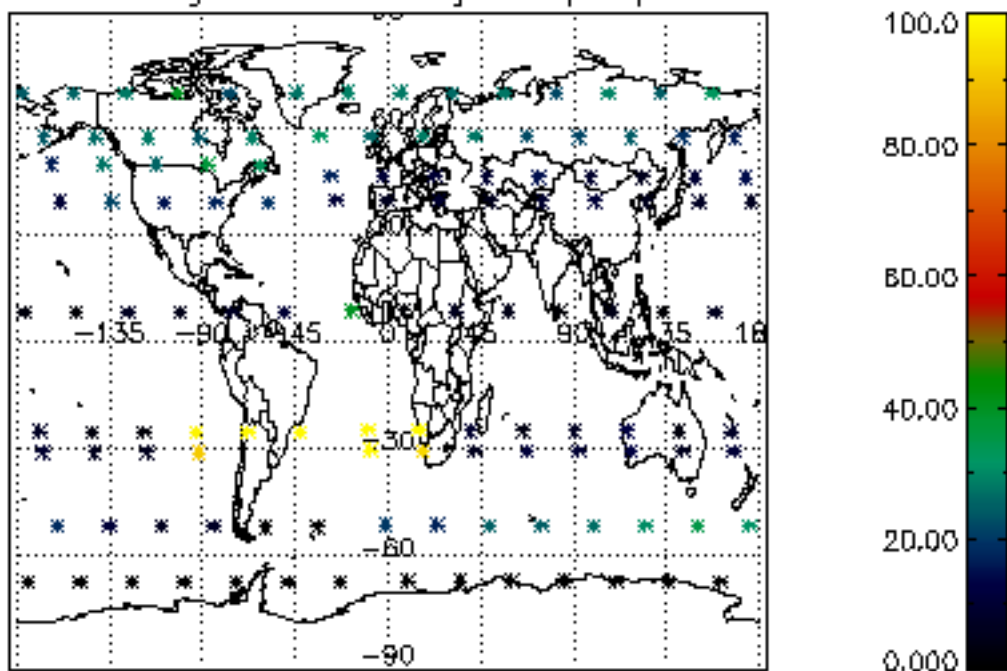




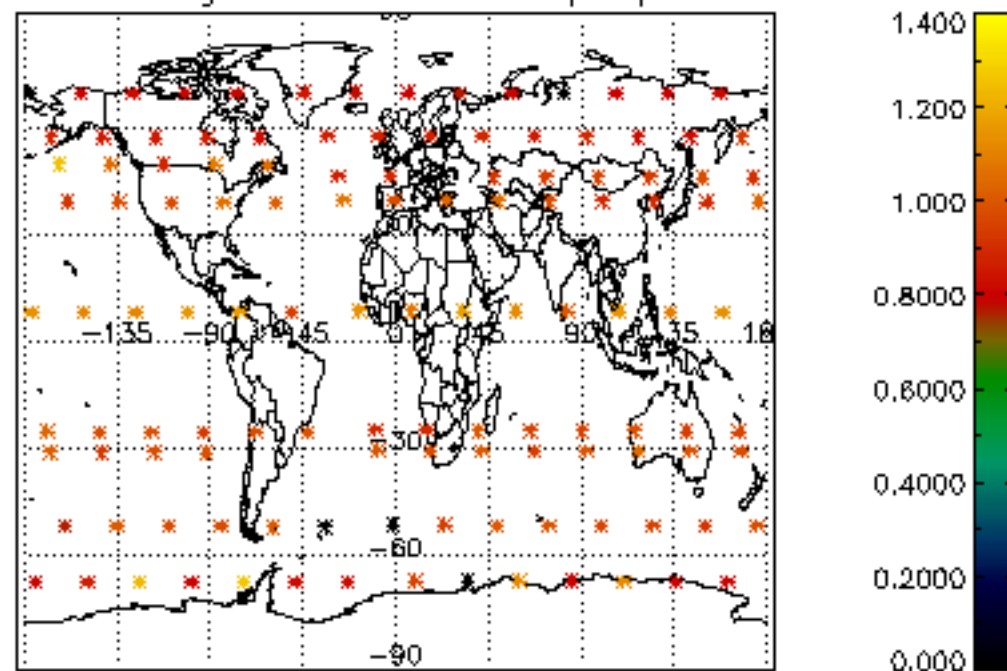




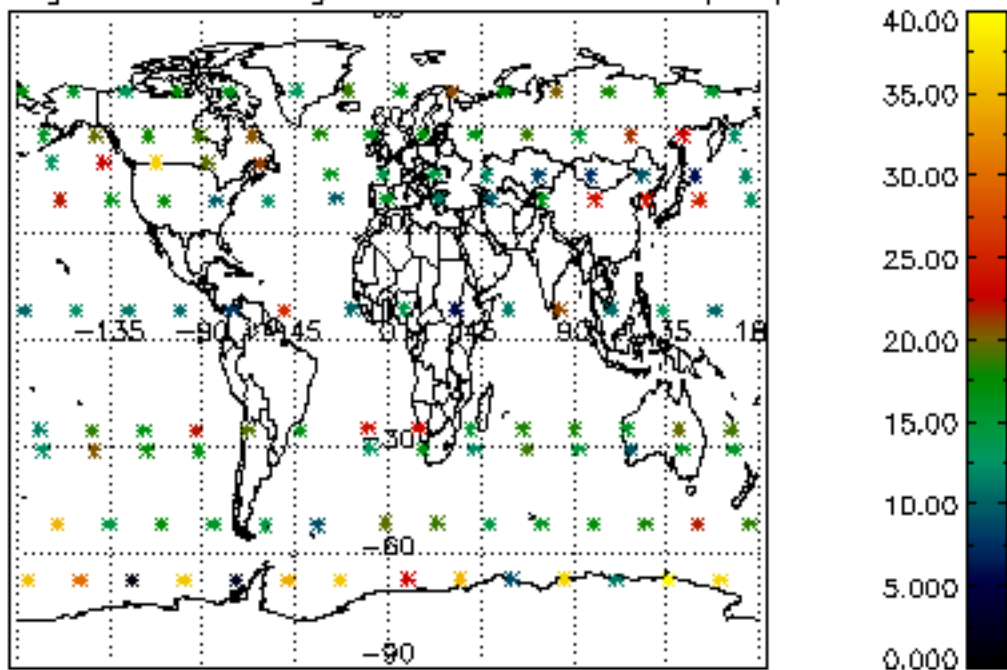
Percentage of cosmic ray hits per profile



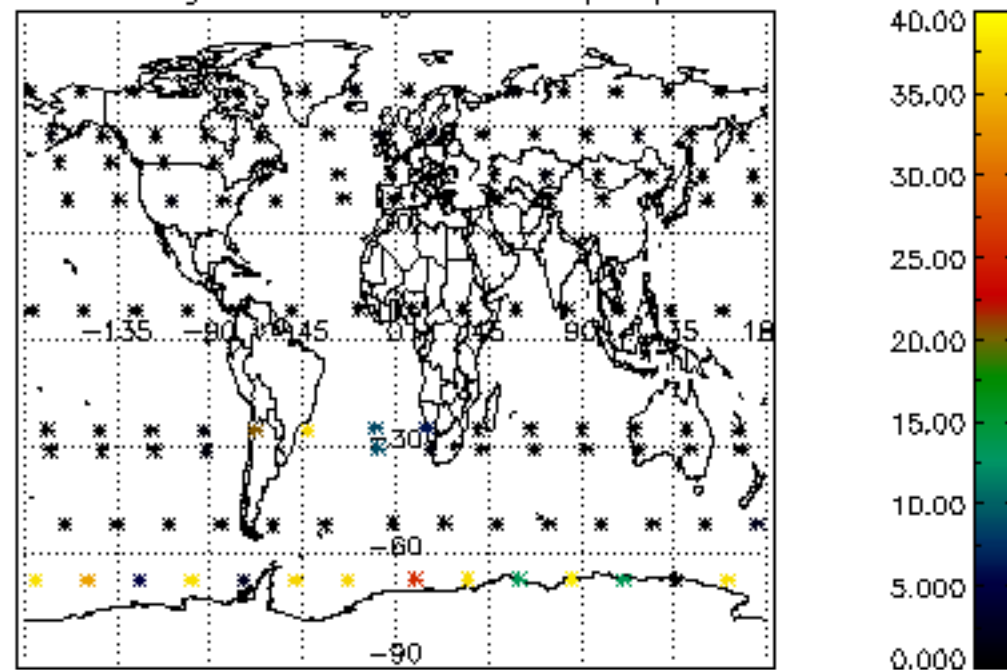
Percentage of datation errors per profile



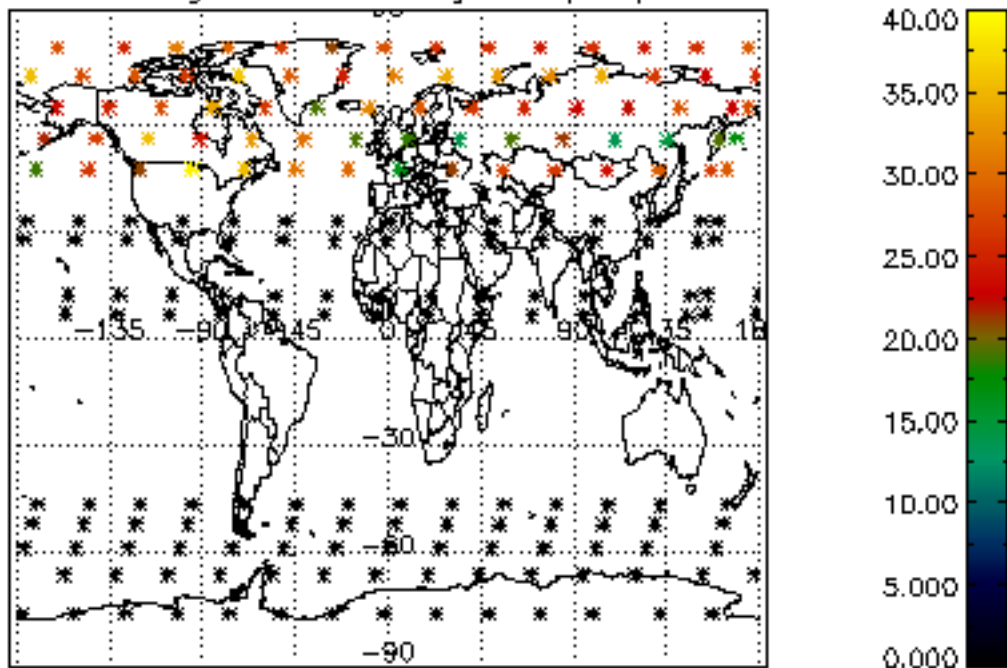
Percentage of star falling outside central band per profile



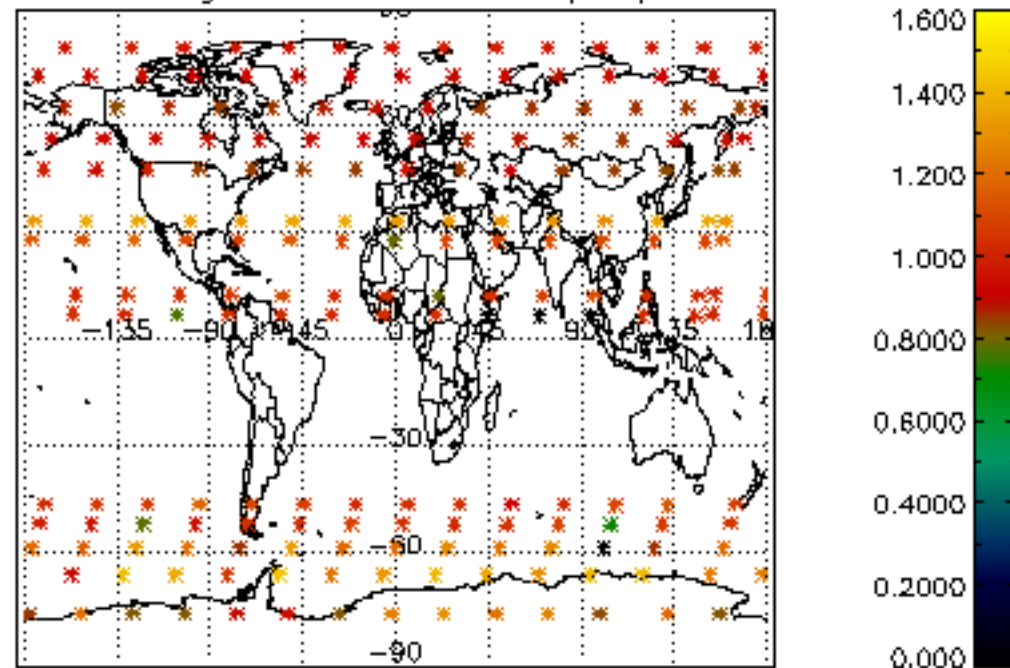
Percentage of saturation errors per profile



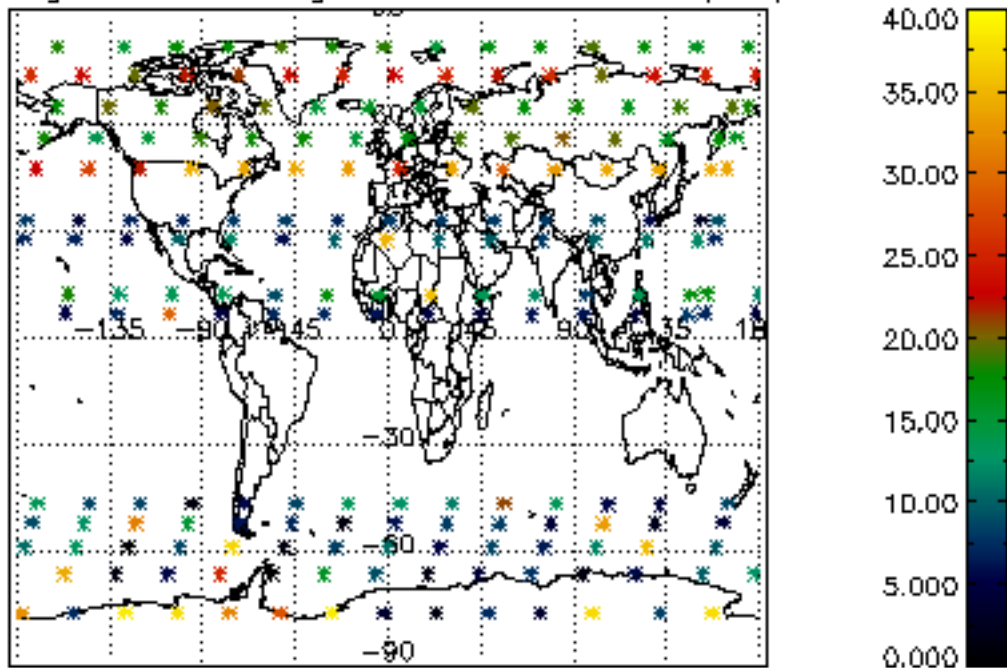
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

