

# 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	24APR2013 01:06:40
Data source version	GOMOS/6.01
Start time of products	04-07-2006 (04JUL2006 00:00:00)
Stop time of products	05-07-2006 (05JUL2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	320
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__2PRFIN20060704_000101_000000342049_00102_22701_9660.N1	04-JUL-2006 00:01:01	Bright	33.500	133	40Zet Her	2.8070	6000.0	67	22701	No
2	GOM_NL__2PRFIN20060704_000653_000000342049_00102_22701_9661.N1	04-JUL-2006 00:06:53	Bright	34.000	130	23Bet Dra	2.7990	5800.0	68	22701	No
3	GOM_NL__2PRFIN20060704_000924_000000362049_00102_22701_9662.N1	04-JUL-2006 00:09:24	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22701	No
4	GOM_NL__2PRFIN20060704_001327_000000522049_00102_22701_9663.N1	04-JUL-2006 00:13:27	Bright	52.000	60	7Bet UMi	2.0810	3950.0	104	22701	No
5	GOM_NL__2PRFIN20060704_001734_000000362049_00102_22701_9664.N1	04-JUL-2006 00:17:34	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22701	No
6	GOM_NL__2PRFIN20060704_003151_000000362049_00102_22701_9665.N1	04-JUL-2006 00:31:51	Bright	35.500	149	45Eps Per	2.8880	30000.	71	22701	No
7	GOM_NL__2PRFIN20060704_003636_000000412049_00102_22701_9666.N1	04-JUL-2006 00:36:36	Twilight	40.500	146	25Eta Tau	2.8730	15200.	81	22701	No
8	GOM_NL__2PRFIN20060704_004702_000000452049_00102_22701_9667.N1	04-JUL-2006 00:47:02	Dark	45.000	165	34Gam Eri	2.9500	3200.0	90	22701	No
9	GOM_NL__2PRFIN20060704_005533_000000392049_00102_22701_9668.N1	04-JUL-2006 00:55:33	Dark	38.500	157	The1Eri	2.9060	9300.0	77	22701	No
10	GOM_NL__2PRFIN20060704_010611_000000382049_00103_22702_9648.N1	04-JUL-2006 01:06:11	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	22702	No
11	GOM_NL__2PRFIN20060704_011330_000000432049_00103_22702_9649.N1	04-JUL-2006 01:13:30	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	22702	No
12	GOM_NL__2PRFIN20060704_011707_000000402049_00103_22702_9650.N1	04-JUL-2006 01:17:07	Straylight	39.500	141	Bet Ara	2.8400	4600.0	79	22702	No
13	GOM_NL__2PRFIN20060704_011836_000000382049_00103_22702_9651.N1	04-JUL-2006 01:18:36	Twilight	38.000	147	Alp Ara	2.8770	26000.	76	22702	No
14	GOM_NL__2PRFIN20060704_012025_000000442049_00103_22702_9652.N1	04-JUL-2006 01:20:25	Twilight	44.000	40	The Sco	1.8590	7100.0	88	22702	No
15	GOM_NL__2PRFIN20060704_012204_000000432049_00103_22702_9653.N1	04-JUL-2006 01:22:04	Twilight	43.000	25	35Lam Sco	1.6200	28000.	86	22702	No
16	GOM_NL__2PRFIN20060704_012330_000000492049_00103_22702_9654.N1	04-JUL-2006 01:23:30	Bright	48.500	116	19Del Sgr	2.7000	4100.0	97	22702	No
17	GOM_NL__2PRFIN20060704_012814_000000362049_00103_22702_9655.N1	04-JUL-2006 01:28:14	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	22702	No
18	GOM_NL__2PRFIN20060704_013001_000000362049_00103_22702_9656.N1	04-JUL-2006 01:30:01	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	22702	No
19	GOM_NL__2PRFIN20060704_013347_000000372049_00103_22702_9657.N1	04-JUL-2006 01:33:47	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	22702	No
20	GOM_NL__2PRFIN20060704_013606_000000372049_00103_22702_9658.N1	04-JUL-2006 01:36:06	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	22702	No
21	GOM_NL__2PRFIN20060704_013855_000000352049_00103_22702_9659.N1	04-JUL-2006 01:38:55	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	22702	No
22	GOM_NL__2PRFIN20060704_014137_000000352049_00103_22702_9660.N1	04-JUL-2006 01:41:37	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	22702	No
23	GOM_NL__2PRFIN20060704_014729_000000352049_00103_22702_9661.N1	04-JUL-2006 01:47:29	Bright	34.500	130	23Bet Dra	2.7990	5800.0	69	22702	No
24	GOM_NL__2PRFIN20060704_015000_000000362049_00103_22702_9662.N1	04-JUL-2006 01:50:00	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22702	No
25	GOM_NL__2PRFIN20060704_015403_000000362049_00103_22702_9663.N1	04-JUL-2006 01:54:03	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	22702	No
26	GOM_NL__2PRFIN20060704_015810_000000362049_00103_22702_9664.N1	04-JUL-2006 01:58:10	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22702	No
27	GOM_NL__2PRFIN20060704_021227_000000342049_00103_22702_9665.N1	04-JUL-2006 02:12:27	Bright	34.000	149	45Eps Per	2.8880	30000.	68	22702	No
28	GOM_NL__2PRFIN20060704_021452_000000392049_00103_22702_9666.N1	04-JUL-2006 02:14:52	Bright	38.500	150	44Zet Per	2.8900	28000.	77	22702	No
29	GOM_NL__2PRFIN20060704_021713_000000402049_00103_22702_9667.N1	04-JUL-2006 02:17:13	Twilight	40.000	146	25Eta Tau	2.8730	15200.	80	22702	No
30	GOM_NL__2PRFIN20060704_022738_000000412049_00103_22702_9668.N1	04-JUL-2006 02:27:38	Dark	40.500	165	34Gam Eri	2.9500	3200.0	81	22702	No
31	GOM_NL__2PRFIN20060704_023609_000000392049_00103_22702_9669.N1	04-JUL-2006 02:36:09	Dark	39.000	157	The1Eri	2.9060	9300.0	78	22702	No
32	GOM_NL__2PRFIN20060704_024647_000000372049_00104_22703_9648.N1	04-JUL-2006 02:46:47	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22703	No
33	GOM_NL__2PRFIN20060704_025407_000000412049_00104_22703_9649.N1	04-JUL-2006 02:54:07	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	22703	No
34	GOM_NL__2PRFIN20060704_025743_000000392049_00104_22703_9650.N1	04-JUL-2006 02:57:43	Straylight	39.000	141	Bet Ara	2.8400	4600.0	78	22703	No
35	GOM_NL__2PRFIN20060704_025912_000000372049_00104_22703_9651.N1	04-JUL-2006 02:59:12	Twilight	36.500	147	Alp Ara	2.8770	26000.	73	22703	No
36	GOM_NL__2PRFIN20060704_030101_000000412049_00104_22703_9652.N1	04-JUL-2006 03:01:01	Twilight	41.000	40	The Sco	1.8590	7100.0	82	22703	No
37	GOM_NL__2PRFIN20060704_030240_000000382049_00104_22703_9653.N1	04-JUL-2006 03:02:40	Twilight	37.500	25	35Lam Sco	1.6200	28000.	75	22703	No
38	GOM_NL__2PRFIN20060704_030406_000000462049_00104_22703_9654.N1	04-JUL-2006 03:04:06	Bright	46.000	116	19Del Sgr	2.7000	4100.0	92	22703	No
39	GOM_NL__2PRFIN20060704_030850_000000362049_00104_22703_9655.N1	04-JUL-2006 03:08:50	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	22703	No
40	GOM_NL__2PRFIN20060704_031037_000000372049_00104_22703_9656.N1	04-JUL-2006 03:10:37	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	22703	No
41	GOM_NL__2PRFIN20060704_031423_000000372049_00104_22703_9657.N1	04-JUL-2006 03:14:23	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	22703	No
42	GOM_NL__2PRFIN20060704_031642_000000382049_00104_22703_9658.N1	04-JUL-2006 03:16:42	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	22703	No

43	GOM_NL__2PRFIN20060704_031932_000000352049_00104_22703_9659.N1	04-JUL-2006 03:19:32	Bright	35.000	127	27Bet Her	2.7810	4700.0	70	22703	No
44	GOM_NL__2PRFIN20060704_032213_000000372049_00104_22703_9660.N1	04-JUL-2006 03:22:13	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	22703	No
45	GOM_NL__2PRFIN20060704_032804_000000372049_00104_22703_9661.N1	04-JUL-2006 03:28:04	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	22703	No
46	GOM_NL__2PRFIN20060704_033036_000000332049_00104_22703_9662.N1	04-JUL-2006 03:30:36	Bright	32.500	119	14Eta Dra	2.7270	4700.0	65	22703	No
47	GOM_NL__2PRFIN20060704_033439_000000322049_00104_22703_9663.N1	04-JUL-2006 03:34:39	Bright	32.000	60	7Bet UMi	2.0810	3950.0	64	22703	No
48	GOM_NL__2PRFIN20060704_033846_000000362049_00104_22703_9664.N1	04-JUL-2006 03:38:46	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22703	No
49	GOM_NL__2PRFIN20060704_035303_000000352049_00104_22703_9665.N1	04-JUL-2006 03:53:03	Bright	35.000	149	45Eps Per	2.8880	30000.	70	22703	No
50	GOM_NL__2PRFIN20060704_035528_000000372049_00104_22703_9666.N1	04-JUL-2006 03:55:28	Bright	37.000	150	44Zet Per	2.8900	28000.	74	22703	No
51	GOM_NL__2PRFIN20060704_035749_000000402049_00104_22703_9667.N1	04-JUL-2006 03:57:49	Twilight	40.000	146	25Eta Tau	2.8730	15200.	80	22703	No
52	GOM_NL__2PRFIN20060704_040814_000000412049_00104_22703_9668.N1	04-JUL-2006 04:08:14	Dark	40.500	165	34Gam Eri	2.9500	3200.0	81	22703	No
53	GOM_NL__2PRFIN20060704_041645_000000382049_00104_22703_9669.N1	04-JUL-2006 04:16:45	Dark	38.000	157	The1Eri	2.9060	9300.0	76	22703	No
54	GOM_NL__2PRFIN20060704_042255_000000442049_00105_22704_9648.N1	04-JUL-2006 04:22:55	Dark	43.500	9	Alp Eri	0.45300	24000.	87	22704	No
55	GOM_NL__2PRFIN20060704_042723_000000382049_00105_22704_9649.N1	04-JUL-2006 04:27:23	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	22704	No
56	GOM_NL__2PRFIN20060704_043443_000000422049_00105_22704_9650.N1	04-JUL-2006 04:34:43	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	22704	No
57	GOM_NL__2PRFIN20060704_043819_000000382049_00105_22704_9651.N1	04-JUL-2006 04:38:19	Straylight	37.500	141	Bet Ara	2.8400	4600.0	75	22704	No
58	GOM_NL__2PRFIN20060704_043948_000000382049_00105_22704_9652.N1	04-JUL-2006 04:39:48	Tw_and_stray	38.000	147	Alp Ara	2.8770	26000.	76	22704	No
59	GOM_NL__2PRFIN20060704_044137_000000392049_00105_22704_9653.N1	04-JUL-2006 04:41:37	Tw_and_stray	39.000	40	The Sco	1.8590	7100.0	78	22704	No
60	GOM_NL__2PRFIN20060704_044317_000000422049_00105_22704_9654.N1	04-JUL-2006 04:43:17	Tw_and_stray	42.000	25	35Lam Sco	1.6200	28000.	84	22704	No
61	GOM_NL__2PRFIN20060704_044442_000000452049_00105_22704_9655.N1	04-JUL-2006 04:44:42	Bright	44.500	116	19Del Sgr	2.7000	4100.0	89	22704	No
62	GOM_NL__2PRFIN20060704_044927_000000362049_00105_22704_9656.N1	04-JUL-2006 04:49:27	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	22704	No
63	GOM_NL__2PRFIN20060704_045113_000000372049_00105_22704_9657.N1	04-JUL-2006 04:51:13	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	22704	No
64	GOM_NL__2PRFIN20060704_045459_000000372049_00105_22704_9658.N1	04-JUL-2006 04:54:59	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	22704	No
65	GOM_NL__2PRFIN20060704_045718_000000372049_00105_22704_9659.N1	04-JUL-2006 04:57:18	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	22704	No
66	GOM_NL__2PRFIN20060704_050008_000000372049_00105_22704_9660.N1	04-JUL-2006 05:00:08	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	22704	No
67	GOM_NL__2PRFIN20060704_050249_000000362049_00105_22704_9661.N1	04-JUL-2006 05:02:49	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	22704	No
68	GOM_NL__2PRFIN20060704_050840_000000362049_00105_22704_9662.N1	04-JUL-2006 05:08:40	Bright	36.000	130	23Bet Dra	2.7990	5800.0	72	22704	No
69	GOM_NL__2PRFIN20060704_051112_000000342049_00105_22704_9663.N1	04-JUL-2006 05:11:12	Bright	34.000	119	14Eta Dra	2.7270	4700.0	68	22704	No
70	GOM_NL__2PRFIN20060704_051515_000000362049_00105_22704_9664.N1	04-JUL-2006 05:15:15	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	22704	No
71	GOM_NL__2PRFIN20060704_051922_000000352049_00105_22704_9665.N1	04-JUL-2006 05:19:22	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	22704	No
72	GOM_NL__2PRFIN20060704_053339_000000372049_00105_22704_9666.N1	04-JUL-2006 05:33:39	Bright	36.500	149	45Eps Per	2.8880	30000.	73	22704	No
73	GOM_NL__2PRFIN20060704_053604_000000372049_00105_22704_9667.N1	04-JUL-2006 05:36:04	Bright	36.500	150	44Zet Per	2.8900	28000.	73	22704	No
74	GOM_NL__2PRFIN20060704_053825_000000412049_00105_22704_9668.N1	04-JUL-2006 05:38:25	Twilight	40.500	146	25Eta Tau	2.8730	15200.	81	22704	No
75	GOM_NL__2PRFIN20060704_054851_000000442049_00105_22704_9669.N1	04-JUL-2006 05:48:51	Dark	43.500	165	34Gam Eri	2.9500	3200.0	87	22704	No
76	GOM_NL__2PRFIN20060704_055722_000000402049_00105_22704_9670.N1	04-JUL-2006 05:57:22	Dark	40.000	157	The1Eri	2.9060	9300.0	80	22704	No
77	GOM_NL__2PRFIN20060704_060332_000000472049_00106_22705_9668.N1	04-JUL-2006 06:03:32	Dark	46.500	9	Alp Eri	0.45300	24000.	93	22705	No
78	GOM_NL__2PRFIN20060704_060759_000000372049_00106_22705_9669.N1	04-JUL-2006 06:07:59	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22705	No
79	GOM_NL__2PRFIN20060704_061520_000000402049_00106_22705_9670.N1	04-JUL-2006 06:15:20	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	22705	No
80	GOM_NL__2PRFIN20060704_061856_000000412049_00106_22705_9671.N1	04-JUL-2006 06:18:56	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	22705	No
81	GOM_NL__2PRFIN20060704_062024_000000392049_00106_22705_9672.N1	04-JUL-2006 06:20:24	Tw_and_stray	39.000	147	Alp Ara	2.8770	26000.	78	22705	No
82	GOM_NL__2PRFIN20060704_062213_000000402049_00106_22705_9673.N1	04-JUL-2006 06:22:13	Tw_and_stray	40.000	40	The Sco	1.8590	7100.0	80	22705	No
83	GOM_NL__2PRFIN20060704_062353_000000422049_00106_22705_9674.N1	04-JUL-2006 06:23:53	Tw_and_stray	41.500	25	35Lam Sco	1.6200	28000.	83	22705	No
84	GOM_NL__2PRFIN20060704_062518_000000442049_00106_22705_9675.N1	04-JUL-2006 06:25:18	Bright	43.500	116	19Del Sgr	2.7000	4100.0	87	22705	No
85	GOM_NL__2PRFIN20060704_063003_000000372049_00106_22705_9676.N1	04-JUL-2006 06:30:03	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	22705	No
86	GOM_NL__2PRFIN20060704_063149_000000362049_00106_22705_9677.N1	04-JUL-2006 06:31:49	Bright	35.500	98	13Zet Oph	2.5710	30000.	71	22705	No
87	GOM_NL__2PRFIN20060704_063535_000000372049_00106_22705_9678.N1	04-JUL-2006 06:35:35	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	22705	No
88	GOM_NL__2PRFIN20060704_063754_000000372049_00106_22705_9679.N1	04-JUL-2006 06:37:54	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	22705	No
89	GOM_NL__2PRFIN20060704_064044_000000342049_00106_22705_9680.N1	04-JUL-2006 06:40:44	Bright	33.500	127	27Bet Her	2.7810	4700.0	67	22705	No
90	GOM_NL__2PRFIN20060704_064325_000000342049_00106_22705_9681.N1	04-JUL-2006 06:43:25	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	22705	No
91	GOM_NL__2PRFIN20060704_064916_000000372049_00106_22705_9682.N1	04-JUL-2006 06:49:16	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	22705	No
92	GOM_NL__2PRFIN20060704_065148_000000362049_00106_22705_9683.N1	04-JUL-2006 06:51:48	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22705	No
93	GOM_NL__2PRFIN20060704_065551_000000362049_00106_22705_9684.N1	04-JUL-2006 06:55:51	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	22705	No
94	GOM_NL__2PRFIN20060704_065958_000000362049_00106_22705_9685.N1	04-JUL-2006 06:59:58	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22705	No
95	GOM_NL__2PRFIN20060704_071415_000000342049_00106_22705_9686.N1	04-JUL-2006 07:14:15	Bright	33.500	149	45Eps Per	2.8880	30000.	67	22705	No
96	GOM_NL__2PRFIN20060704_071640_000000382049_00106_22705_9687.N1	04-JUL-2006 07:16:40	Bright	38.000	150	44Zet Per	2.8900	28000.	76	22705	No
97	GOM_NL__2PRFIN20060704_071901_000000402049_00106_22705_9688.N1	04-JUL-2006 07:19:01	Twilight	40.000	146	25Eta Tau	2.8730	15200.	80	22705	No
98	GOM_NL__2PRFIN20060704_072927_000000422049_00106_22705_9689.N1	04-JUL-2006 07:29:27	Dark	42.000	165	34Gam Eri	2.9500	3200.0	84	22705	No
99	GOM_NL__2PRFIN20060704_073758_000000422049_00106_22705_9690.N1	04-JUL-2006 07:37:58	Dark	42.000	157	The1Eri	2.9060	9300.0	84	22705	No
100	GOM_NL__2PRFIN20060704_074408_000000522049_00107_22706_9668.N1	04-JUL-2006 07:44:08	Dark	51.500	9	Alp Eri	0.45300	24000.	103	22706	No
101	GOM_NL__2PRFIN20060704_074835_000000372049_00107_22706_9669.N1	04-JUL-2006 07:48:35	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22706	No

102	GOM_NL__2PRFIN20060704_075556_000000412049_00107_22706_9670.N1	04-JUL-2006 07:55:56	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	22706	No
103	GOM_NL__2PRFIN20060704_075932_000000412049_00107_22706_9671.N1	04-JUL-2006 07:59:32	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	22706	No
104	GOM_NL__2PRFIN20060704_080101_000000392049_00107_22706_9672.N1	04-JUL-2006 08:01:01	Twi_and_stray	39.000	147	Alp Ara	2.8770	26000.	78	22706	No
105	GOM_NL__2PRFIN20060704_080249_000000422049_00107_22706_9673.N1	04-JUL-2006 08:02:49	Twi_and_stray	41.500	40	The Sco	1.8590	7100.0	83	22706	No
106	GOM_NL__2PRFIN20060704_080429_000000412049_00107_22706_9674.N1	04-JUL-2006 08:04:29	Twi_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	22706	No
107	GOM_NL__2PRFIN20060704_080555_000000542049_00107_22706_9675.N1	04-JUL-2006 08:05:55	Bright	54.000	116	19Del Sgr	2.7000	4100.0	108	22706	No
108	GOM_NL__2PRFIN20060704_081039_000000362049_00107_22706_9676.N1	04-JUL-2006 08:10:39	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	22706	No
109	GOM_NL__2PRFIN20060704_081226_000000362049_00107_22706_9677.N1	04-JUL-2006 08:12:26	Bright	35.500	98	13Zet Oph	2.5710	30000.	71	22706	No
110	GOM_NL__2PRFIN20060704_081611_000000362049_00107_22706_9678.N1	04-JUL-2006 08:16:11	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	22706	No
111	GOM_NL__2PRFIN20060704_081830_000000362049_00107_22706_9679.N1	04-JUL-2006 08:18:30	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	22706	No
112	GOM_NL__2PRFIN20060704_082120_000000352049_00107_22706_9680.N1	04-JUL-2006 08:21:20	Bright	35.000	127	27Bet Her	2.7810	4700.0	70	22706	No
113	GOM_NL__2PRFIN20060704_082401_000000372049_00107_22706_9681.N1	04-JUL-2006 08:24:01	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	22706	No
114	GOM_NL__2PRFIN20060704_082952_000000372049_00107_22706_9682.N1	04-JUL-2006 08:29:52	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	22706	No
115	GOM_NL__2PRFIN20060704_083224_000000362049_00107_22706_9683.N1	04-JUL-2006 08:32:24	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22706	No
116	GOM_NL__2PRFIN20060704_083627_000000372049_00107_22706_9684.N1	04-JUL-2006 08:36:27	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	22706	No
117	GOM_NL__2PRFIN20060704_084034_000000522049_00107_22706_9685.N1	04-JUL-2006 08:40:34	Bright	52.000	49	1Alp UMi	1.9900	6300.0	104	22706	No
118	GOM_NL__2PRFIN20060704_085451_000000352049_00107_22706_9686.N1	04-JUL-2006 08:54:51	Bright	34.500	149	45Eps Per	2.8880	30000.	69	22706	No
119	GOM_NL__2PRFIN20060704_085716_000000392049_00107_22706_9687.N1	04-JUL-2006 08:57:16	Bright	39.000	150	44Zet Per	2.8900	28000.	78	22706	No
120	GOM_NL__2PRFIN20060704_085937_000000402049_00107_22706_9688.N1	04-JUL-2006 08:59:37	Twilight	40.000	146	25Eta Tau	2.8730	15200.	80	22706	No
121	GOM_NL__2PRFIN20060704_091003_000000392049_00107_22706_9689.N1	04-JUL-2006 09:10:03	Dark	39.000	165	34Gam Eri	2.9500	3200.0	78	22706	No
122	GOM_NL__2PRFIN20060704_091835_000000402049_00107_22706_9690.N1	04-JUL-2006 09:18:35	Dark	40.000	157	The1Eri	2.9060	9300.0	80	22706	No
123	GOM_NL__2PRFIN20060704_092444_000000412049_00108_22707_9668.N1	04-JUL-2006 09:24:44	Dark	40.500	9	Alp Eri	0.45300	24000.	81	22707	No
124	GOM_NL__2PRFIN20060704_092912_000000372049_00108_22707_9669.N1	04-JUL-2006 09:29:12	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22707	No
125	GOM_NL__2PRFIN20060704_093632_000000412049_00108_22707_9670.N1	04-JUL-2006 09:36:32	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	22707	No
126	GOM_NL__2PRFIN20060704_094008_000000402049_00108_22707_9671.N1	04-JUL-2006 09:40:08	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	22707	No
127	GOM_NL__2PRFIN20060704_094136_000000382049_00108_22707_9672.N1	04-JUL-2006 09:41:36	Twi_and_stray	37.500	147	Alp Ara	2.8770	26000.	75	22707	No
128	GOM_NL__2PRFIN20060704_094325_000000442049_00108_22707_9673.N1	04-JUL-2006 09:43:25	Twi_and_stray	44.000	40	The Sco	1.8590	7100.0	88	22707	No
129	GOM_NL__2PRFIN20060704_094505_000000422049_00108_22707_9674.N1	04-JUL-2006 09:45:05	Twi_and_stray	42.000	25	35Lam Sco	1.6200	28000.	84	22707	No
130	GOM_NL__2PRFIN20060704_094631_000000542049_00108_22707_9675.N1	04-JUL-2006 09:46:31	Bright	54.000	116	19Del Sgr	2.7000	4100.0	108	22707	No
131	GOM_NL__2PRFIN20060704_095115_000000362049_00108_22707_9676.N1	04-JUL-2006 09:51:15	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	22707	No
132	GOM_NL__2PRFIN20060704_095302_000000372049_00108_22707_9677.N1	04-JUL-2006 09:53:02	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	22707	No
133	GOM_NL__2PRFIN20060704_095647_000000362049_00108_22707_9678.N1	04-JUL-2006 09:56:47	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	22707	No
134	GOM_NL__2PRFIN20060704_095906_000000362049_00108_22707_9679.N1	04-JUL-2006 09:59:06	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	22707	No
135	GOM_NL__2PRFIN20060704_100156_000000362049_00108_22707_9680.N1	04-JUL-2006 10:01:56	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	22707	No
136	GOM_NL__2PRFIN20060704_100437_000000362049_00108_22707_9681.N1	04-JUL-2006 10:04:37	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	22707	No
137	GOM_NL__2PRFIN20060704_101028_000000362049_00108_22707_9682.N1	04-JUL-2006 10:10:28	Bright	36.000	130	23Bet Dra	2.7990	5800.0	72	22707	No
138	GOM_NL__2PRFIN20060704_101300_000000362049_00108_22707_9683.N1	04-JUL-2006 10:13:00	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22707	No
139	GOM_NL__2PRFIN20060704_101703_000000362049_00108_22707_9684.N1	04-JUL-2006 10:17:03	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	22707	No
140	GOM_NL__2PRFIN20060704_102110_000000372049_00108_22707_9685.N1	04-JUL-2006 10:21:10	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	22707	No
141	GOM_NL__2PRFIN20060704_103527_000000412049_00108_22707_9686.N1	04-JUL-2006 10:35:27	Bright	40.500	149	45Eps Per	2.8880	30000.	81	22707	No
142	GOM_NL__2PRFIN20060704_103752_000000372049_00108_22707_9687.N1	04-JUL-2006 10:37:52	Bright	37.000	150	44Zet Per	2.8900	28000.	74	22707	No
143	GOM_NL__2PRFIN20060704_104013_000000412049_00108_22707_9688.N1	04-JUL-2006 10:40:13	Twilight	41.000	146	25Eta Tau	2.8730	15200.	82	22707	No
144	GOM_NL__2PRFIN20060704_105039_000000432049_00108_22707_9689.N1	04-JUL-2006 10:50:39	Dark	43.000	165	34Gam Eri	2.9500	3200.0	86	22707	No
145	GOM_NL__2PRFIN20060704_105911_000000402049_00108_22707_9690.N1	04-JUL-2006 10:59:11	Dark	39.500	157	The1Eri	2.9060	9300.0	79	22707	No
146	GOM_NL__2PRFIN20060704_110521_000000402049_00109_22708_9668.N1	04-JUL-2006 11:05:21	Dark	40.000	9	Alp Eri	0.45300	24000.	80	22708	No
147	GOM_NL__2PRFIN20060704_110948_000000382049_00109_22708_9669.N1	04-JUL-2006 11:09:48	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	22708	No
148	GOM_NL__2PRFIN20060704_111709_000000412049_00109_22708_9670.N1	04-JUL-2006 11:17:09	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	22708	No
149	GOM_NL__2PRFIN20060704_112044_000000392049_00109_22708_9671.N1	04-JUL-2006 11:20:44	Straylight	39.000	141	Bet Ara	2.8400	4600.0	78	22708	No
150	GOM_NL__2PRFIN20060704_112213_000000372049_00109_22708_9672.N1	04-JUL-2006 11:22:13	Twi_and_stray	37.000	147	Alp Ara	2.8770	26000.	74	22708	No
151	GOM_NL__2PRFIN20060704_112401_000000412049_00109_22708_9673.N1	04-JUL-2006 11:24:01	Twi_and_stray	41.000	40	The Sco	1.8590	7100.0	82	22708	No
152	GOM_NL__2PRFIN20060704_112541_000000402049_00109_22708_9674.N1	04-JUL-2006 11:25:41	Twi_and_stray	39.500	25	35Lam Sco	1.6200	28000.	79	22708	No
153	GOM_NL__2PRFIN20060704_112707_000000452049_00109_22708_9675.N1	04-JUL-2006 11:27:07	Bright	44.500	116	19Del Sgr	2.7000	4100.0	89	22708	No
154	GOM_NL__2PRFIN20060704_113151_000000362049_00109_22708_9676.N1	04-JUL-2006 11:31:51	Bright	35.500	86	35Eta Oph	2.4300	10200.	71	22708	No
155	GOM_NL__2PRFIN20060704_113338_000000372049_00109_22708_9677.N1	04-JUL-2006 11:33:38	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	22708	No
156	GOM_NL__2PRFIN20060704_113723_000000362049_00109_22708_9678.N1	04-JUL-2006 11:37:23	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	22708	No
157	GOM_NL__2PRFIN20060704_113942_000000362049_00109_22708_9679.N1	04-JUL-2006 11:39:42	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	22708	No
158	GOM_NL__2PRFIN20060704_114232_000000372049_00109_22708_9680.N1	04-JUL-2006 11:42:32	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	22708	No
159	GOM_NL__2PRFIN20060704_114513_000000342049_00109_22708_9681.N1	04-JUL-2006 11:45:13	Bright	33.500	133	40Zet Her	2.8070	6000.0	67	22708	No
160	GOM_NL__2PRFIN20060704_115103_000000392049_00109_22708_9682.N1	04-JUL-2006 11:51:03	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	22708	No



161	GOM_NL__2PRFIN20060704_115336_000000362049_00109_22708_9683.N1	04-JUL-2006 11:53:36	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22708	No
162	GOM_NL__2PRFIN20060704_115739_000000372049_00109_22708_9684.N1	04-JUL-2006 11:57:39	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	22708	No
163	GOM_NL__2PRFIN20060704_120145_000000362049_00109_22708_9685.N1	04-JUL-2006 12:01:45	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	22708	No
164	GOM_NL__2PRFIN20060704_121603_000000342049_00109_22708_9686.N1	04-JUL-2006 12:16:03	Bright	34.000	149	45Eps Per	2.8880	30000.	68	22708	No
165	GOM_NL__2PRFIN20060704_121828_000000382049_00109_22708_9687.N1	04-JUL-2006 12:18:28	Bright	37.500	150	44Zet Per	2.8900	28000.	75	22708	No
166	GOM_NL__2PRFIN20060704_122049_000000402049_00109_22708_9688.N1	04-JUL-2006 12:20:49	Twilight	39.500	146	25Eta Tau	2.8730	15200.	79	22708	No
167	GOM_NL__2PRFIN20060704_123115_000000402049_00109_22708_9689.N1	04-JUL-2006 12:31:15	Dark	39.500	165	34Gam Eri	2.9500	3200.0	79	22708	No
168	GOM_NL__2PRFIN20060704_123947_000000402049_00109_22708_9690.N1	04-JUL-2006 12:39:47	Dark	39.500	157	The1Eri	2.9060	9300.0	79	22708	No
169	GOM_NL__2PRFIN20060704_124557_000000402049_00110_22709_9668.N1	04-JUL-2006 12:45:57	Dark	39.500	9	Alp Eri	0.45300	24000.	79	22709	No
170	GOM_NL__2PRFIN20060704_125024_000000372049_00110_22709_9669.N1	04-JUL-2006 12:50:24	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22709	No
171	GOM_NL__2PRFIN20060704_125745_000000402049_00110_22709_9670.N1	04-JUL-2006 12:57:45	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	22709	No
172	GOM_NL__2PRFIN20060704_130120_000000412049_00110_22709_9671.N1	04-JUL-2006 13:01:20	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	22709	No
173	GOM_NL__2PRFIN20060704_130249_000000362049_00110_22709_9672.N1	04-JUL-2006 13:02:49	Twi_and_stray	36.000	147	Alp Ara	2.8770	26000.	72	22709	No
174	GOM_NL__2PRFIN20060704_130438_000000422049_00110_22709_9673.N1	04-JUL-2006 13:04:38	Twi_and_stray	41.500	40	The Sco	1.8590	7100.0	83	22709	No
175	GOM_NL__2PRFIN20060704_130617_000000392049_00110_22709_9674.N1	04-JUL-2006 13:06:17	Twi_and_stray	38.500	25	35Lam Sco	1.6200	28000.	77	22709	No
176	GOM_NL__2PRFIN20060704_130743_000000432049_00110_22709_9675.N1	04-JUL-2006 13:07:43	Bright	43.000	116	19Del Sgr	2.7000	4100.0	86	22709	No
177	GOM_NL__2PRFIN20060704_131227_000000372049_00110_22709_9676.N1	04-JUL-2006 13:12:27	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	22709	No
178	GOM_NL__2PRFIN20060704_131414_000000372049_00110_22709_9677.N1	04-JUL-2006 13:14:14	Bright	37.000	98	13Zet Oph	2.5710	30000.	74	22709	No
179	GOM_NL__2PRFIN20060704_131759_000000362049_00110_22709_9678.N1	04-JUL-2006 13:17:59	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	22709	No
180	GOM_NL__2PRFIN20060704_132018_000000352049_00110_22709_9679.N1	04-JUL-2006 13:20:18	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	22709	No
181	GOM_NL__2PRFIN20060704_132308_000000342049_00110_22709_9680.N1	04-JUL-2006 13:23:08	Bright	34.000	127	27Bet Her	2.7810	4700.0	68	22709	No
182	GOM_NL__2PRFIN20060704_132549_000000362049_00110_22709_9681.N1	04-JUL-2006 13:25:49	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	22709	No
183	GOM_NL__2PRFIN20060704_133139_000000382049_00110_22709_9682.N1	04-JUL-2006 13:31:39	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	22709	No
184	GOM_NL__2PRFIN20060704_133412_000000462049_00110_22709_9683.N1	04-JUL-2006 13:34:12	Bright	46.000	119	14Eta Dra	2.7270	4700.0	92	22709	No
185	GOM_NL__2PRFIN20060704_133815_000000522049_00110_22709_9684.N1	04-JUL-2006 13:38:15	Bright	52.000	60	7Bet UMi	2.0810	3950.0	104	22709	No
186	GOM_NL__2PRFIN20060704_135639_000000342049_00110_22709_9685.N1	04-JUL-2006 13:56:39	Bright	34.000	149	45Eps Per	2.8880	30000.	68	22709	No
187	GOM_NL__2PRFIN20060704_135904_000000392049_00110_22709_9686.N1	04-JUL-2006 13:59:04	Bright	38.500	150	44Zet Per	2.8900	28000.	77	22709	No
188	GOM_NL__2PRFIN20060704_140125_000000402049_00110_22709_9687.N1	04-JUL-2006 14:01:25	Twilight	40.000	146	25Eta Tau	2.8730	15200.	80	22709	No
189	GOM_NL__2PRFIN20060704_141152_000000372049_00110_22709_9688.N1	04-JUL-2006 14:11:52	Dark	37.000	165	34Gam Eri	2.9500	3200.0	74	22709	No
190	GOM_NL__2PRFIN20060704_142024_000000402049_00110_22709_9689.N1	04-JUL-2006 14:20:24	Dark	40.000	157	The1Eri	2.9060	9300.0	80	22709	No
191	GOM_NL__2PRFIN20060704_142634_000000502049_00111_22710_9668.N1	04-JUL-2006 14:26:34	Dark	49.500	9	Alp Eri	0.45300	24000.	99	22710	No
192	GOM_NL__2PRFIN20060704_143100_000000372049_00111_22710_9669.N1	04-JUL-2006 14:31:00	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22710	No
193	GOM_NL__2PRFIN20060704_143822_000000412049_00111_22710_9670.N1	04-JUL-2006 14:38:22	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	22710	No
194	GOM_NL__2PRFIN20060704_144156_000000422049_00111_22710_9671.N1	04-JUL-2006 14:41:56	Straylight	42.000	141	Bet Ara	2.8400	4600.0	84	22710	No
195	GOM_NL__2PRFIN20060704_144325_000000372049_00111_22710_9672.N1	04-JUL-2006 14:43:25	Twi_and_stray	36.500	147	Alp Ara	2.8770	26000.	73	22710	No
196	GOM_NL__2PRFIN20060704_144514_000000392049_00111_22710_9673.N1	04-JUL-2006 14:45:14	Twi_and_stray	39.000	40	The Sco	1.8590	7100.0	78	22710	No
197	GOM_NL__2PRFIN20060704_144653_000000412049_00111_22710_9674.N1	04-JUL-2006 14:46:53	Twi_and_stray	40.500	25	35Lam Sco	1.6200	28000.	81	22710	No
198	GOM_NL__2PRFIN20060704_144819_000000542049_00111_22710_9675.N1	04-JUL-2006 14:48:19	Bright	53.500	116	19Del Sgr	2.7000	4100.0	107	22710	No
199	GOM_NL__2PRFIN20060704_145303_000000372049_00111_22710_9676.N1	04-JUL-2006 14:53:03	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	22710	No
200	GOM_NL__2PRFIN20060704_145450_000000372049_00111_22710_9677.N1	04-JUL-2006 14:54:50	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	22710	No
201	GOM_NL__2PRFIN20060704_145835_000000362049_00111_22710_9678.N1	04-JUL-2006 14:58:35	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	22710	No
202	GOM_NL__2PRFIN20060704_150053_000000372049_00111_22710_9679.N1	04-JUL-2006 15:00:53	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	22710	No
203	GOM_NL__2PRFIN20060704_150345_000000372049_00111_22710_9680.N1	04-JUL-2006 15:03:45	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	22710	No
204	GOM_NL__2PRFIN20060704_150625_000000372049_00111_22710_9681.N1	04-JUL-2006 15:06:25	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	22710	No
205	GOM_NL__2PRFIN20060704_151215_000000372049_00111_22710_9682.N1	04-JUL-2006 15:12:15	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	22710	No
206	GOM_NL__2PRFIN20060704_151448_000000332049_00111_22710_9683.N1	04-JUL-2006 15:14:48	Bright	33.000	119	14Eta Dra	2.7270	4700.0	66	22710	No
207	GOM_NL__2PRFIN20060704_151852_000000522049_00111_22710_9684.N1	04-JUL-2006 15:18:52	Bright	52.000	60	7Bet UMi	2.0810	3950.0	104	22710	No
208	GOM_NL__2PRFIN20060704_152257_000000352049_00111_22710_9685.N1	04-JUL-2006 15:22:57	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	22710	No
209	GOM_NL__2PRFIN20060704_153715_000000342049_00111_22710_9686.N1	04-JUL-2006 15:37:15	Bright	33.500	149	45Eps Per	2.8880	30000.	67	22710	No
210	GOM_NL__2PRFIN20060704_153940_000000372049_00111_22710_9687.N1	04-JUL-2006 15:39:40	Bright	37.000	150	44Zet Per	2.8900	28000.	74	22710	No
211	GOM_NL__2PRFIN20060704_154202_000000402049_00111_22710_9688.N1	04-JUL-2006 15:42:02	Twilight	39.500	146	25Eta Tau	2.8730	15200.	79	22710	No
212	GOM_NL__2PRFIN20060704_155228_000000402049_00111_22710_9689.N1	04-JUL-2006 15:52:28	Dark	40.000	165	34Gam Eri	2.9500	3200.0	80	22710	No
213	GOM_NL__2PRFIN20060704_160100_000000402049_00111_22710_9690.N1	04-JUL-2006 16:01:00	Dark	40.000	157	The1Eri	2.9060	9300.0	80	22710	No
214	GOM_NL__2PRFIN20060704_160710_000000422049_00112_22711_9668.N1	04-JUL-2006 16:07:10	Dark	41.500	9	Alp Eri	0.45300	24000.	83	22711	No
215	GOM_NL__2PRFIN20060704_161136_000000372049_00112_22711_9669.N1	04-JUL-2006 16:11:36	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22711	No
216	GOM_NL__2PRFIN20060704_161858_000000422049_00112_22711_9670.N1	04-JUL-2006 16:18:58	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	22711	No
217	GOM_NL__2PRFIN20060704_162232_000000382049_00112_22711_9671.N1	04-JUL-2006 16:22:32	Straylight	37.500	141	Bet Ara	2.8400	4600.0	75	22711	No
218	GOM_NL__2PRFIN20060704_162401_000000362049_00112_22711_9672.N1	04-JUL-2006 16:24:01	Twi_and_stray	35.500	147	Alp Ara	2.8770	26000.	71	22711	No
219	GOM_NL__2PRFIN20060704_162550_000000432049_00112_22711_9673.N1	04-JUL-2006 16:25:50	Twi_and_stray	42.500	40	The Sco	1.8590	7100.0	85	22711	No

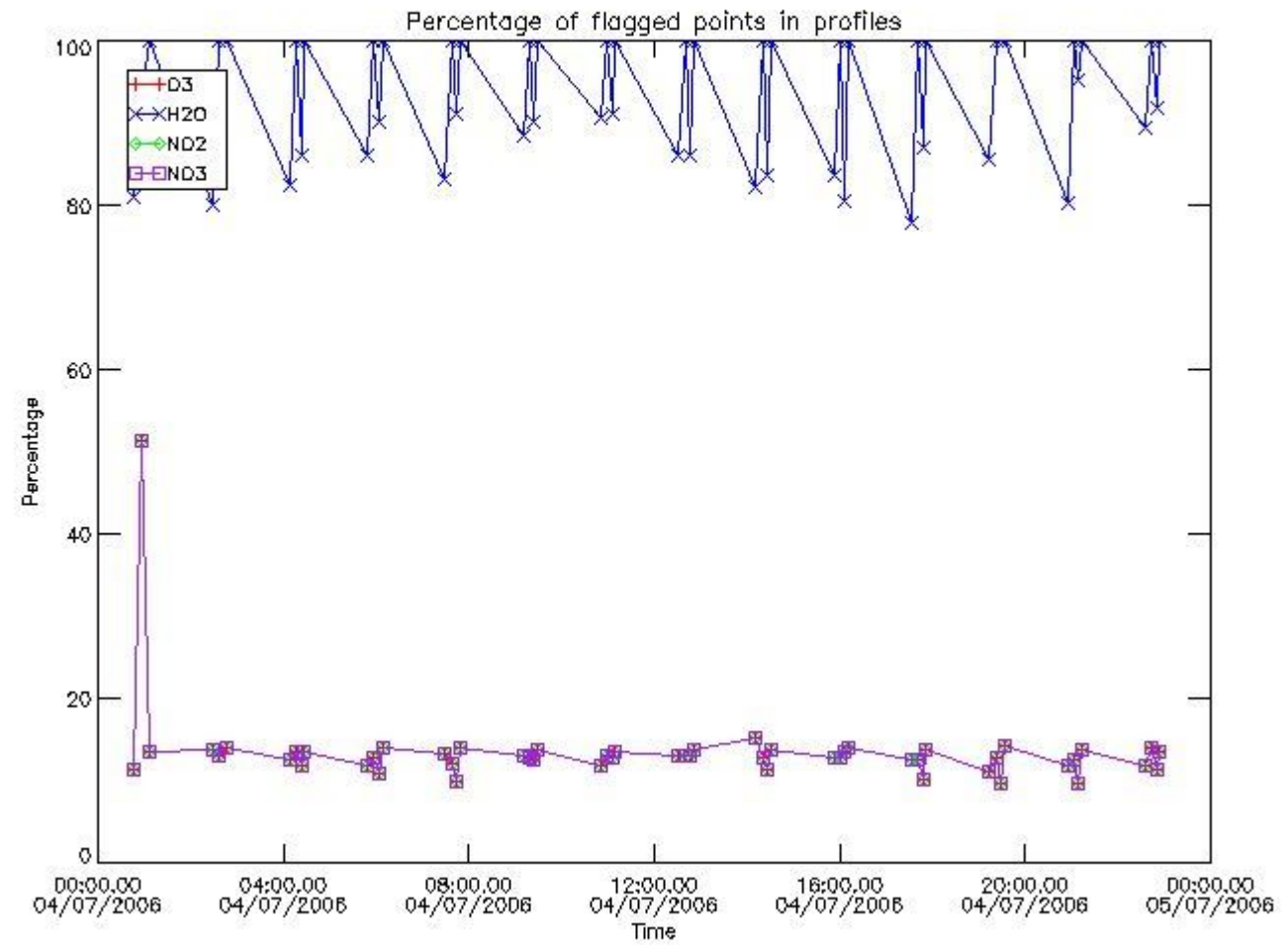
220	GOM_NL__2PRFIN20060704_162729_000000412049_00112_22711_9674.N1	04-JUL-2006 16:27:29	Twilight	40.500	25	35Lam Sco	1.6200	28000.	81	22711	No
221	GOM_NL__2PRFIN20060704_162855_000000432049_00112_22711_9675.N1	04-JUL-2006 16:28:55	Bright	42.500	116	19Del Sgr	2.7000	4100.0	85	22711	No
222	GOM_NL__2PRFIN20060704_163339_000000372049_00112_22711_9676.N1	04-JUL-2006 16:33:39	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	22711	No
223	GOM_NL__2PRFIN20060704_163526_000000372049_00112_22711_9677.N1	04-JUL-2006 16:35:26	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	22711	No
224	GOM_NL__2PRFIN20060704_163911_000000362049_00112_22711_9678.N1	04-JUL-2006 16:39:11	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	22711	No
225	GOM_NL__2PRFIN20060704_164129_000000362049_00112_22711_9679.N1	04-JUL-2006 16:41:29	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	22711	No
226	GOM_NL__2PRFIN20060704_164421_000000382049_00112_22711_9680.N1	04-JUL-2006 16:44:21	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	22711	No
227	GOM_NL__2PRFIN20060704_164701_000000372049_00112_22711_9681.N1	04-JUL-2006 16:47:01	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	22711	No
228	GOM_NL__2PRFIN20060704_165251_000000382049_00112_22711_9682.N1	04-JUL-2006 16:52:51	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	22711	No
229	GOM_NL__2PRFIN20060704_165524_000000362049_00112_22711_9683.N1	04-JUL-2006 16:55:24	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22711	No
230	GOM_NL__2PRFIN20060704_165928_000000332049_00112_22711_9684.N1	04-JUL-2006 16:59:28	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	22711	No
231	GOM_NL__2PRFIN20060704_170333_000000362049_00112_22711_9685.N1	04-JUL-2006 17:03:33	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	22711	No
232	GOM_NL__2PRFIN20060704_171752_000000352049_00112_22711_9686.N1	04-JUL-2006 17:17:52	Bright	34.500	149	45Eps Per	2.8880	30000.	69	22711	No
233	GOM_NL__2PRFIN20060704_172016_000000392049_00112_22711_9687.N1	04-JUL-2006 17:20:16	Bright	38.500	150	44Zet Per	2.8900	28000.	77	22711	No
234	GOM_NL__2PRFIN20060704_172238_000000402049_00112_22711_9688.N1	04-JUL-2006 17:22:38	Twilight	40.000	146	25Eta Tau	2.8730	15200.	80	22711	No
235	GOM_NL__2PRFIN20060704_173304_000000412049_00112_22711_9689.N1	04-JUL-2006 17:33:04	Dark	41.000	165	34Gam Eri	2.9500	3200.0	82	22711	No
236	GOM_NL__2PRFIN20060704_174137_000000412049_00112_22711_9690.N1	04-JUL-2006 17:41:37	Dark	40.500	157	The1Eri	2.9060	9300.0	81	22711	No
237	GOM_NL__2PRFIN20060704_174747_000000502049_00113_22712_9668.N1	04-JUL-2006 17:47:47	Dark	50.000	9	Alp Eri	0.45300	24000.	100	22712	No
238	GOM_NL__2PRFIN20060704_175212_000000372049_00113_22712_9669.N1	04-JUL-2006 17:52:12	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22712	No
239	GOM_NL__2PRFIN20060704_175934_000000412049_00113_22712_9670.N1	04-JUL-2006 17:59:34	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	22712	No
240	GOM_NL__2PRFIN20060704_180308_000000382049_00113_22712_9671.N1	04-JUL-2006 18:03:08	Straylight	38.000	141	Bet Ara	2.8400	4600.0	76	22712	No
241	GOM_NL__2PRFIN20060704_180437_000000382049_00113_22712_9672.N1	04-JUL-2006 18:04:37	Twilight	37.500	147	Alp Ara	2.8770	26000.	75	22712	No
242	GOM_NL__2PRFIN20060704_180626_000000432049_00113_22712_9673.N1	04-JUL-2006 18:06:26	Twilight	43.000	40	The Sco	1.8590	7100.0	86	22712	No
243	GOM_NL__2PRFIN20060704_180806_000000412049_00113_22712_9674.N1	04-JUL-2006 18:08:06	Twilight	41.000	25	35Lam Sco	1.6200	28000.	82	22712	No
244	GOM_NL__2PRFIN20060704_180932_000000472049_00113_22712_9675.N1	04-JUL-2006 18:09:32	Bright	46.500	116	19Del Sgr	2.7000	4100.0	93	22712	No
245	GOM_NL__2PRFIN20060704_181415_000000372049_00113_22712_9676.N1	04-JUL-2006 18:14:15	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	22712	No
246	GOM_NL__2PRFIN20060704_181602_000000372049_00113_22712_9677.N1	04-JUL-2006 18:16:02	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	22712	No
247	GOM_NL__2PRFIN20060704_181947_000000362049_00113_22712_9678.N1	04-JUL-2006 18:19:47	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	22712	No
248	GOM_NL__2PRFIN20060704_182205_000000362049_00113_22712_9679.N1	04-JUL-2006 18:22:05	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	22712	No
249	GOM_NL__2PRFIN20060704_182457_000000362049_00113_22712_9680.N1	04-JUL-2006 18:24:57	Bright	35.500	127	27Bet Her	2.7810	4700.0	71	22712	No
250	GOM_NL__2PRFIN20060704_182737_000000362049_00113_22712_9681.N1	04-JUL-2006 18:27:37	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	22712	No
251	GOM_NL__2PRFIN20060704_183327_000000382049_00113_22712_9682.N1	04-JUL-2006 18:33:27	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	22712	No
252	GOM_NL__2PRFIN20060704_183600_000000352049_00113_22712_9683.N1	04-JUL-2006 18:36:00	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	22712	No
253	GOM_NL__2PRFIN20060704_184004_000000522049_00113_22712_9684.N1	04-JUL-2006 18:40:04	Bright	52.000	60	7Bet UMi	2.0810	3950.0	104	22712	No
254	GOM_NL__2PRFIN20060704_184409_000000362049_00113_22712_9685.N1	04-JUL-2006 18:44:09	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	22712	No
255	GOM_NL__2PRFIN20060704_185828_000000342049_00113_22712_9686.N1	04-JUL-2006 18:58:28	Bright	34.000	149	45Eps Per	2.8880	30000.	68	22712	No
256	GOM_NL__2PRFIN20060704_190053_000000392049_00113_22712_9687.N1	04-JUL-2006 19:00:53	Bright	38.500	150	44Zet Per	2.8900	28000.	77	22712	No
257	GOM_NL__2PRFIN20060704_191341_000000462049_00113_22712_9688.N1	04-JUL-2006 19:13:41	Dark	45.500	165	34Gam Eri	2.9500	3200.0	91	22712	No
258	GOM_NL__2PRFIN20060704_192213_000000402049_00113_22712_9689.N1	04-JUL-2006 19:22:13	Dark	40.000	157	The1Eri	2.9060	9300.0	80	22712	No
259	GOM_NL__2PRFIN20060704_192823_000000532049_00114_22713_9668.N1	04-JUL-2006 19:28:23	Dark	53.000	9	Alp Eri	0.45300	24000.	106	22713	No
260	GOM_NL__2PRFIN20060704_193249_000000362049_00114_22713_9669.N1	04-JUL-2006 19:32:49	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	22713	No
261	GOM_NL__2PRFIN20060704_194011_000000402049_00114_22713_9670.N1	04-JUL-2006 19:40:11	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	22713	No
262	GOM_NL__2PRFIN20060704_194344_000000432049_00114_22713_9671.N1	04-JUL-2006 19:43:44	Straylight	42.500	141	Bet Ara	2.8400	4600.0	85	22713	No
263	GOM_NL__2PRFIN20060704_194513_000000372049_00114_22713_9672.N1	04-JUL-2006 19:45:13	Twilight	37.000	147	Alp Ara	2.8770	26000.	74	22713	No
264	GOM_NL__2PRFIN20060704_194702_000000422049_00114_22713_9673.N1	04-JUL-2006 19:47:02	Twilight	41.500	40	The Sco	1.8590	7100.0	83	22713	No
265	GOM_NL__2PRFIN20060704_194842_000000392049_00114_22713_9674.N1	04-JUL-2006 19:48:42	Twilight	39.000	25	35Lam Sco	1.6200	28000.	78	22713	No
266	GOM_NL__2PRFIN20060704_195008_000000472049_00114_22713_9675.N1	04-JUL-2006 19:50:08	Bright	46.500	116	19Del Sgr	2.7000	4100.0	93	22713	No
267	GOM_NL__2PRFIN20060704_195452_000000362049_00114_22713_9676.N1	04-JUL-2006 19:54:52	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	22713	No
268	GOM_NL__2PRFIN20060704_195638_000000362049_00114_22713_9677.N1	04-JUL-2006 19:56:38	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	22713	No
269	GOM_NL__2PRFIN20060704_200023_000000362049_00114_22713_9678.N1	04-JUL-2006 20:00:23	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	22713	No
270	GOM_NL__2PRFIN20060704_200241_000000362049_00114_22713_9679.N1	04-JUL-2006 20:02:41	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	22713	No
271	GOM_NL__2PRFIN20060704_200533_000000362049_00114_22713_9680.N1	04-JUL-2006 20:05:33	Bright	35.500	127	27Bet Her	2.7810	4700.0	71	22713	No
272	GOM_NL__2PRFIN20060704_200814_000000352049_00114_22713_9681.N1	04-JUL-2006 20:08:14	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	22713	No
273	GOM_NL__2PRFIN20060704_201403_000000362049_00114_22713_9682.N1	04-JUL-2006 20:14:03	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	22713	No
274	GOM_NL__2PRFIN20060704_201636_000000362049_00114_22713_9683.N1	04-JUL-2006 20:16:36	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22713	No
275	GOM_NL__2PRFIN20060704_202040_000000522049_00114_22713_9684.N1	04-JUL-2006 20:20:40	Bright	52.000	60	7Bet UMi	2.0810	3950.0	104	22713	No
276	GOM_NL__2PRFIN20060704_202445_000000362049_00114_22713_9685.N1	04-JUL-2006 20:24:45	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22713	No
277	GOM_NL__2PRFIN20060704_203904_000000342049_00114_22713_9686.N1	04-JUL-2006 20:39:04	Bright	33.500	149	45Eps Per	2.8880	30000.	67	22713	No
278	GOM_NL__2PRFIN20060704_204129_000000382049_00114_22713_9687.N1	04-JUL-2006 20:41:29	Bright	37.500	150	44Zet Per	2.8900	28000.	75	22713	No

279	GOM_NL__2PRFIN20060704_205417_000000442049_00114_22713_9688.N1	04-JUL-2006 20:54:17	Dark	43.500	165	34Gam Eri	2.9500	3200.0	87	22713	No
280	GOM_NL__2PRFIN20060704_210250_000000412049_00114_22713_9689.N1	04-JUL-2006 21:02:50	Dark	41.000	157	The1Eri	2.9060	9300.0	82	22713	No
281	GOM_NL__2PRFIN20060704_210900_000000532049_00115_22714_9668.N1	04-JUL-2006 21:09:00	Dark	53.000	9	Alp Eri	0.45300	24000.	106	22714	No
282	GOM_NL__2PRFIN20060704_211325_000000372049_00115_22714_9669.N1	04-JUL-2006 21:13:25	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22714	No
283	GOM_NL__2PRFIN20060704_212047_000000402049_00115_22714_9670.N1	04-JUL-2006 21:20:47	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	22714	No
284	GOM_NL__2PRFIN20060704_212420_000000382049_00115_22714_9671.N1	04-JUL-2006 21:24:20	Straylight	38.000	141	Bet Ara	2.8400	4600.0	76	22714	No
285	GOM_NL__2PRFIN20060704_212549_000000372049_00115_22714_9672.N1	04-JUL-2006 21:25:49	Twi_and_stray	37.000	147	Alp Ara	2.8770	26000.	74	22714	No
286	GOM_NL__2PRFIN20060704_212738_000000412049_00115_22714_9673.N1	04-JUL-2006 21:27:38	Twi_and_stray	41.000	40	The Sco	1.8590	7100.0	82	22714	No
287	GOM_NL__2PRFIN20060704_212918_000000392049_00115_22714_9674.N1	04-JUL-2006 21:29:18	Twi_and_stray	38.500	25	35Lam Sco	1.6200	28000.	77	22714	No
288	GOM_NL__2PRFIN20060704_213044_000000542049_00115_22714_9675.N1	04-JUL-2006 21:30:44	Bright	54.000	116	19Del Sgr	2.7000	4100.0	108	22714	No
289	GOM_NL__2PRFIN20060704_213528_000000372049_00115_22714_9676.N1	04-JUL-2006 21:35:28	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	22714	No
290	GOM_NL__2PRFIN20060704_213715_000000362049_00115_22714_9677.N1	04-JUL-2006 21:37:15	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	22714	No
291	GOM_NL__2PRFIN20060704_214059_000000362049_00115_22714_9678.N1	04-JUL-2006 21:40:59	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	22714	No
292	GOM_NL__2PRFIN20060704_214317_000000362049_00115_22714_9679.N1	04-JUL-2006 21:43:17	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	22714	No
293	GOM_NL__2PRFIN20060704_214609_000000372049_00115_22714_9680.N1	04-JUL-2006 21:46:09	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	22714	No
294	GOM_NL__2PRFIN20060704_214850_000000352049_00115_22714_9681.N1	04-JUL-2006 21:48:50	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	22714	No
295	GOM_NL__2PRFIN20060704_215438_000000352049_00115_22714_9682.N1	04-JUL-2006 21:54:38	Bright	34.500	130	23Bet Dra	2.7990	5800.0	69	22714	No
296	GOM_NL__2PRFIN20060704_215712_000000522049_00115_22714_9683.N1	04-JUL-2006 21:57:12	Bright	52.000	119	14Eta Dra	2.7270	4700.0	104	22714	No
297	GOM_NL__2PRFIN20060704_220116_000000352049_00115_22714_9684.N1	04-JUL-2006 22:01:16	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	22714	No
298	GOM_NL__2PRFIN20060704_220521_000000352049_00115_22714_9685.N1	04-JUL-2006 22:05:21	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	22714	No
299	GOM_NL__2PRFIN20060704_221940_000000342049_00115_22714_9686.N1	04-JUL-2006 22:19:40	Bright	34.000	149	45Eps Per	2.8880	30000.	68	22714	No
300	GOM_NL__2PRFIN20060704_222205_000000402049_00115_22714_9687.N1	04-JUL-2006 22:22:05	Bright	39.500	150	44Zet Per	2.8900	28000.	79	22714	No
301	GOM_NL__2PRFIN20060704_223453_000000432049_00115_22714_9688.N1	04-JUL-2006 22:34:53	Dark	42.500	165	34Gam Eri	2.9500	3200.0	85	22714	No
302	GOM_NL__2PRFIN20060704_224326_000000402049_00115_22714_9689.N1	04-JUL-2006 22:43:26	Dark	40.000	157	The1Eri	2.9060	9300.0	80	22714	No
303	GOM_NL__2PRFIN20060704_224936_000000492049_00116_22715_9688.N1	04-JUL-2006 22:49:36	Dark	49.000	9	Alp Eri	0.45300	24000.	98	22715	No
304	GOM_NL__2PRFIN20060704_225401_000000382049_00116_22715_9689.N1	04-JUL-2006 22:54:01	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	22715	No
305	GOM_NL__2PRFIN20060704_230123_000000402049_00116_22715_9690.N1	04-JUL-2006 23:01:23	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	22715	No
306	GOM_NL__2PRFIN20060704_230456_000000422049_00116_22715_9691.N1	04-JUL-2006 23:04:56	Straylight	41.500	141	Bet Ara	2.8400	4600.0	83	22715	No
307	GOM_NL__2PRFIN20060704_230625_000000382049_00116_22715_9692.N1	04-JUL-2006 23:06:25	Twi_and_stray	38.000	147	Alp Ara	2.8770	26000.	76	22715	No
308	GOM_NL__2PRFIN20060704_230814_000000402049_00116_22715_9693.N1	04-JUL-2006 23:08:14	Twi_and_stray	39.500	40	The Sco	1.8590	7100.0	79	22715	No
309	GOM_NL__2PRFIN20060704_230954_000000422049_00116_22715_9694.N1	04-JUL-2006 23:09:54	Twi_and_stray	41.500	25	35Lam Sco	1.6200	28000.	83	22715	No
310	GOM_NL__2PRFIN20060704_231120_000000502049_00116_22715_9695.N1	04-JUL-2006 23:11:20	Bright	49.500	116	19Del Sgr	2.7000	4100.0	99	22715	No
311	GOM_NL__2PRFIN20060704_231604_000000362049_00116_22715_9696.N1	04-JUL-2006 23:16:04	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	22715	No
312	GOM_NL__2PRFIN20060704_231751_000000362049_00116_22715_9697.N1	04-JUL-2006 23:17:51	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	22715	No
313	GOM_NL__2PRFIN20060704_232134_000000362049_00116_22715_9698.N1	04-JUL-2006 23:21:34	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	22715	No
314	GOM_NL__2PRFIN20060704_232353_000000362049_00116_22715_9699.N1	04-JUL-2006 23:23:53	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	22715	No
315	GOM_NL__2PRFIN20060704_232645_000000362049_00116_22715_9700.N1	04-JUL-2006 23:26:45	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	22715	No
316	GOM_NL__2PRFIN20060704_232926_000000342049_00116_22715_9701.N1	04-JUL-2006 23:29:26	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	22715	No
317	GOM_NL__2PRFIN20060704_233514_000000472049_00116_22715_9702.N1	04-JUL-2006 23:35:14	Bright	46.500	130	23Bet Dra	2.7990	5800.0	93	22715	No
318	GOM_NL__2PRFIN20060704_233748_000000372049_00116_22715_9703.N1	04-JUL-2006 23:37:48	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	22715	No
319	GOM_NL__2PRFIN20060704_234152_000000352049_00116_22715_9704.N1	04-JUL-2006 23:41:52	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	22715	No
320	GOM_NL__2PRFIN20060704_234557_000000362049_00116_22715_9705.N1	04-JUL-2006 23:45:57	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22715	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.

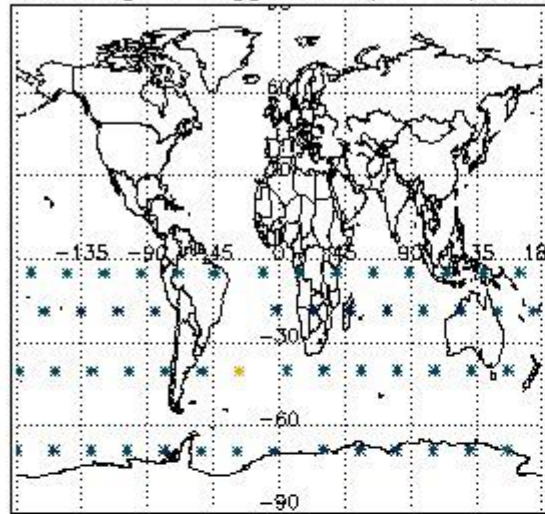
#### 3.1 Plot quality information per product (time dependant)



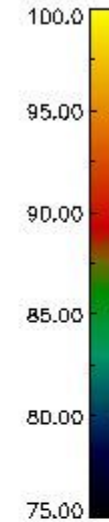
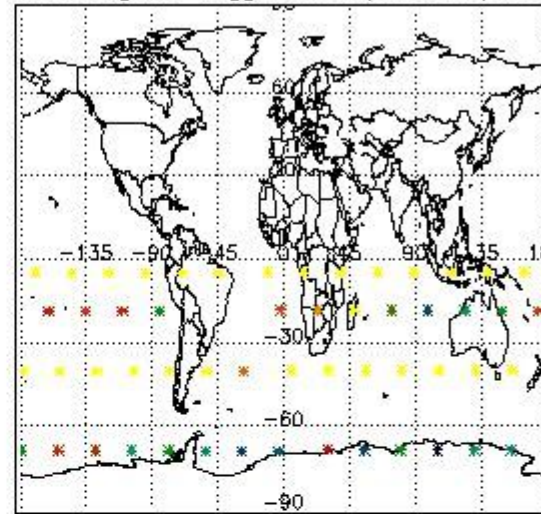
3.2 Plot quality information per product (world map)



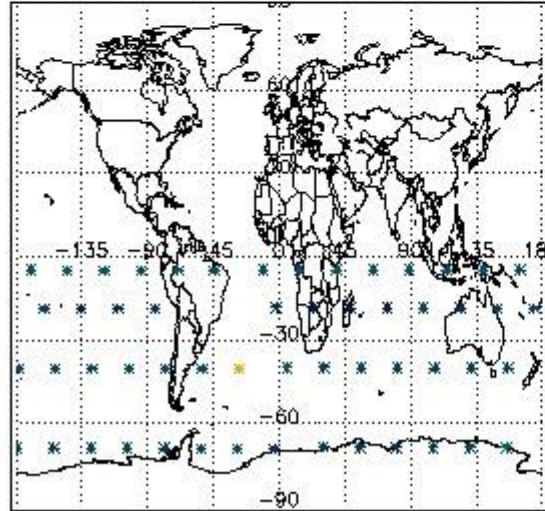
Percentage of flagged data per O3 profile



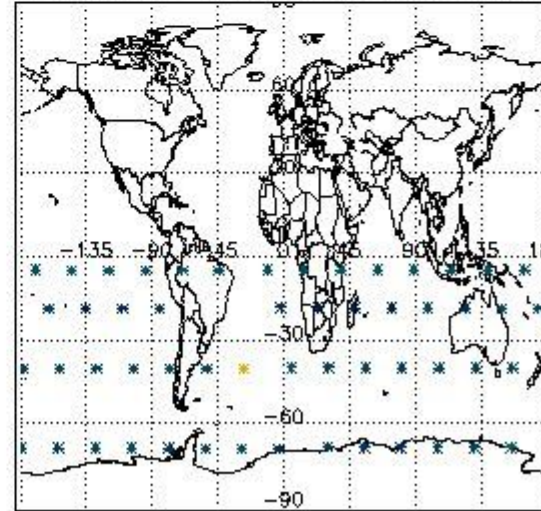
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

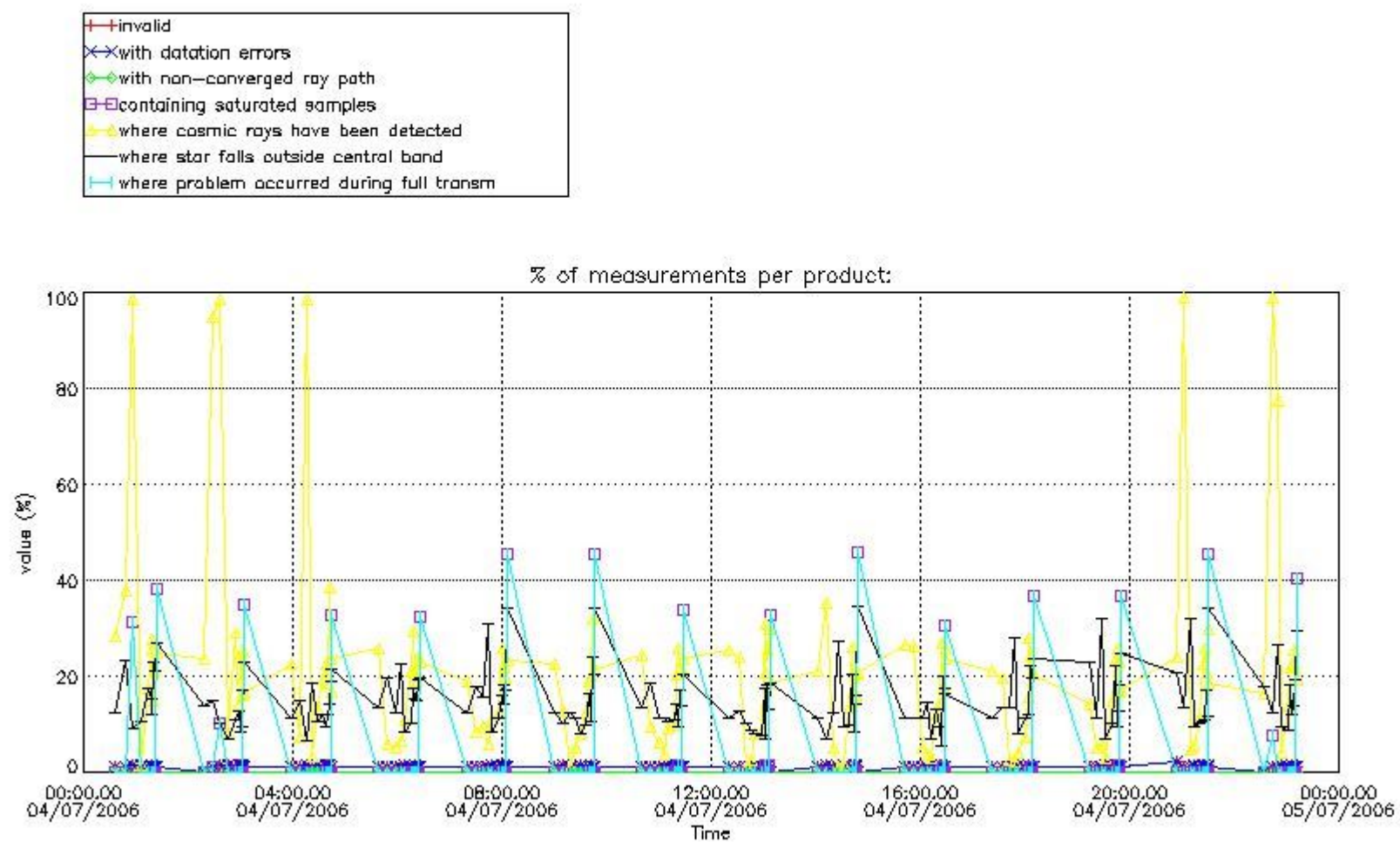


#### 4. Level 1 quality information per product

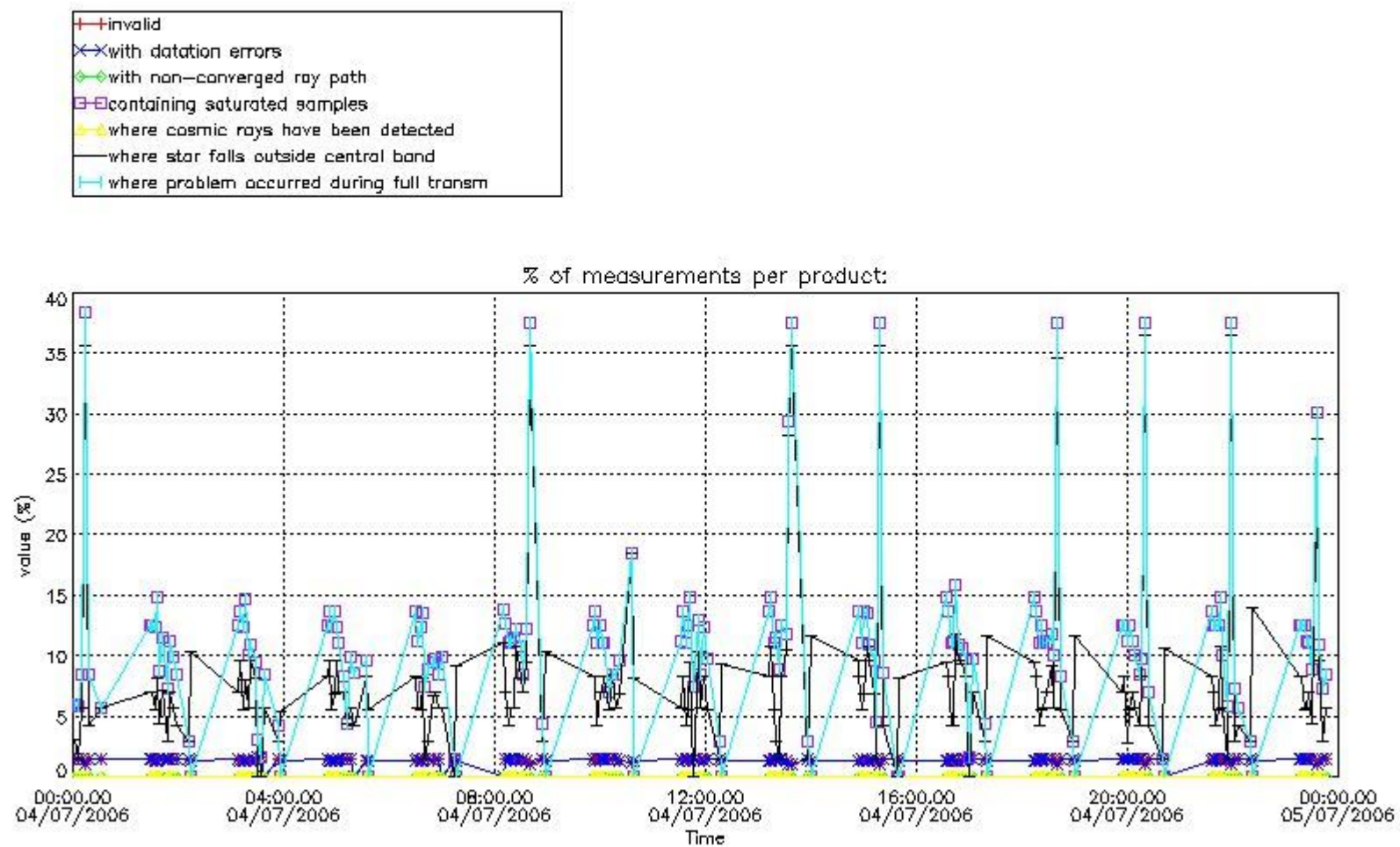
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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



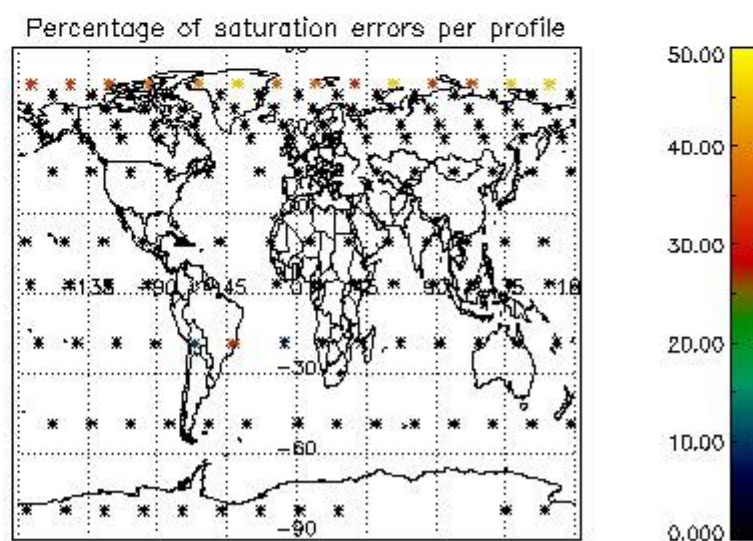
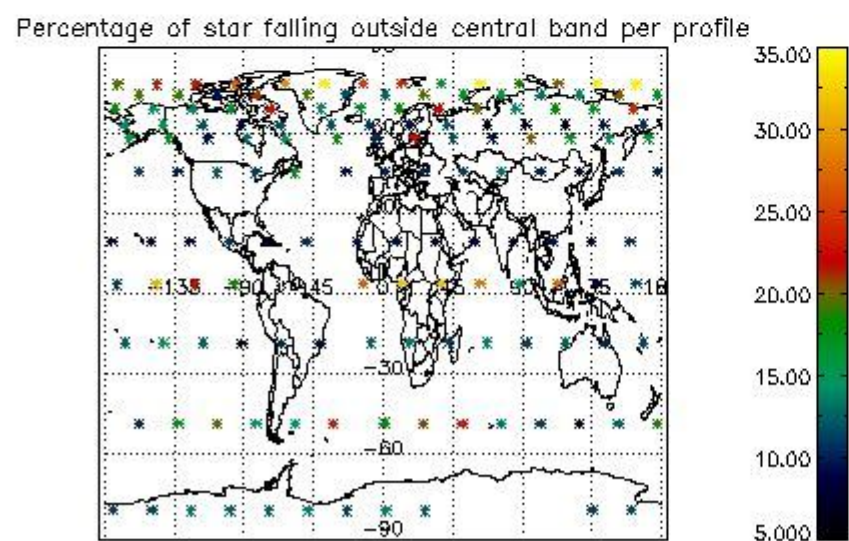
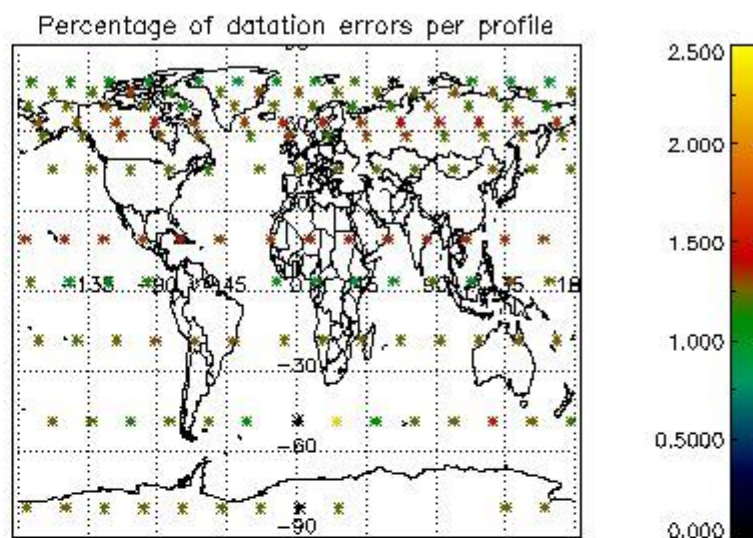
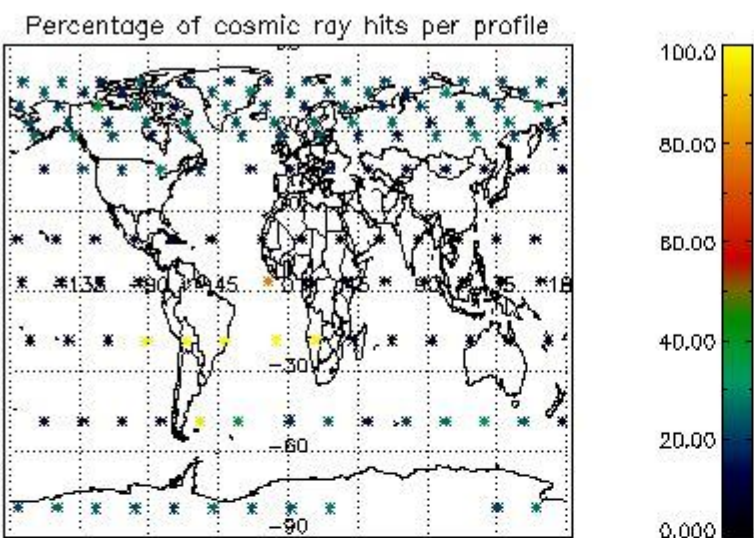
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



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

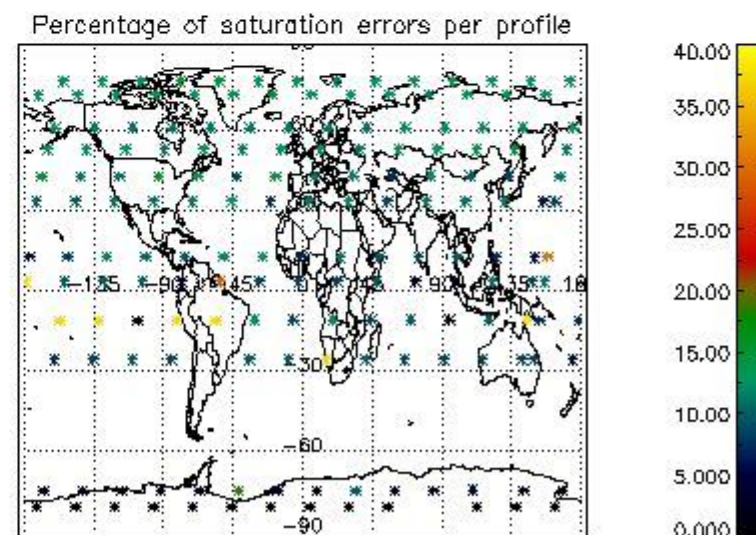
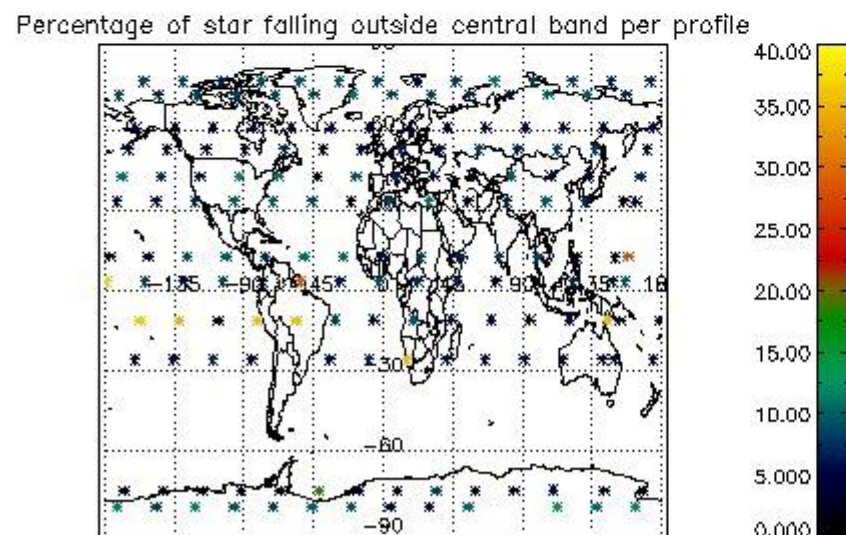
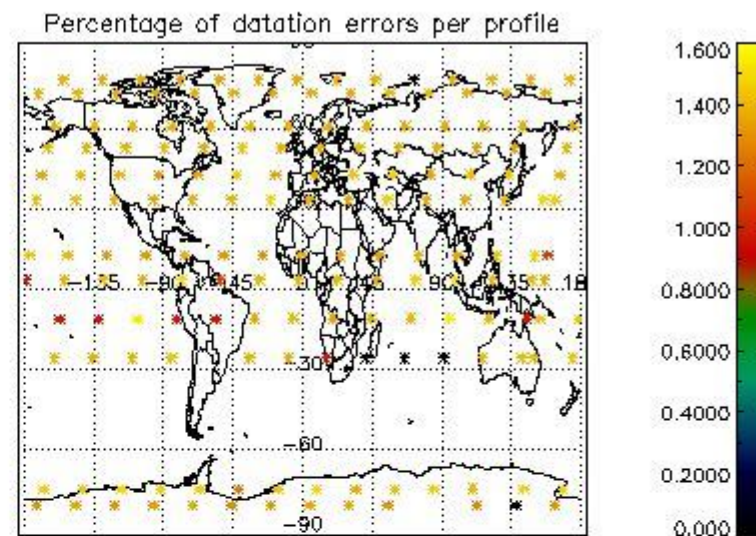
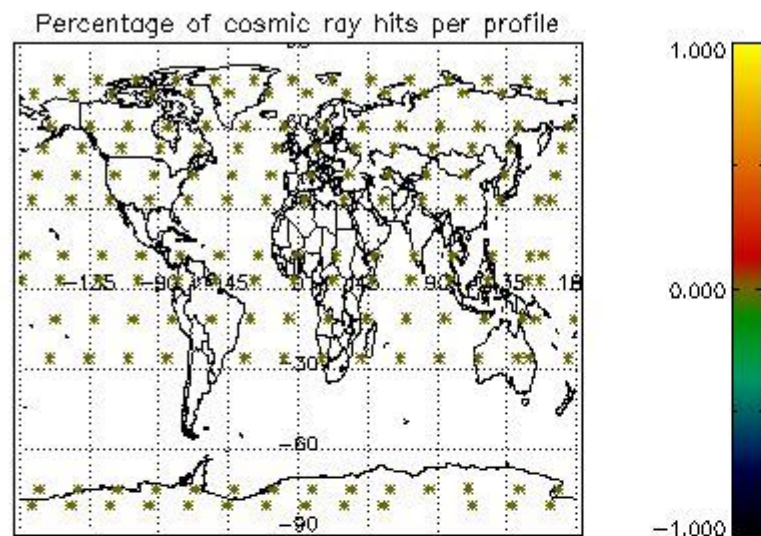
*4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes*





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

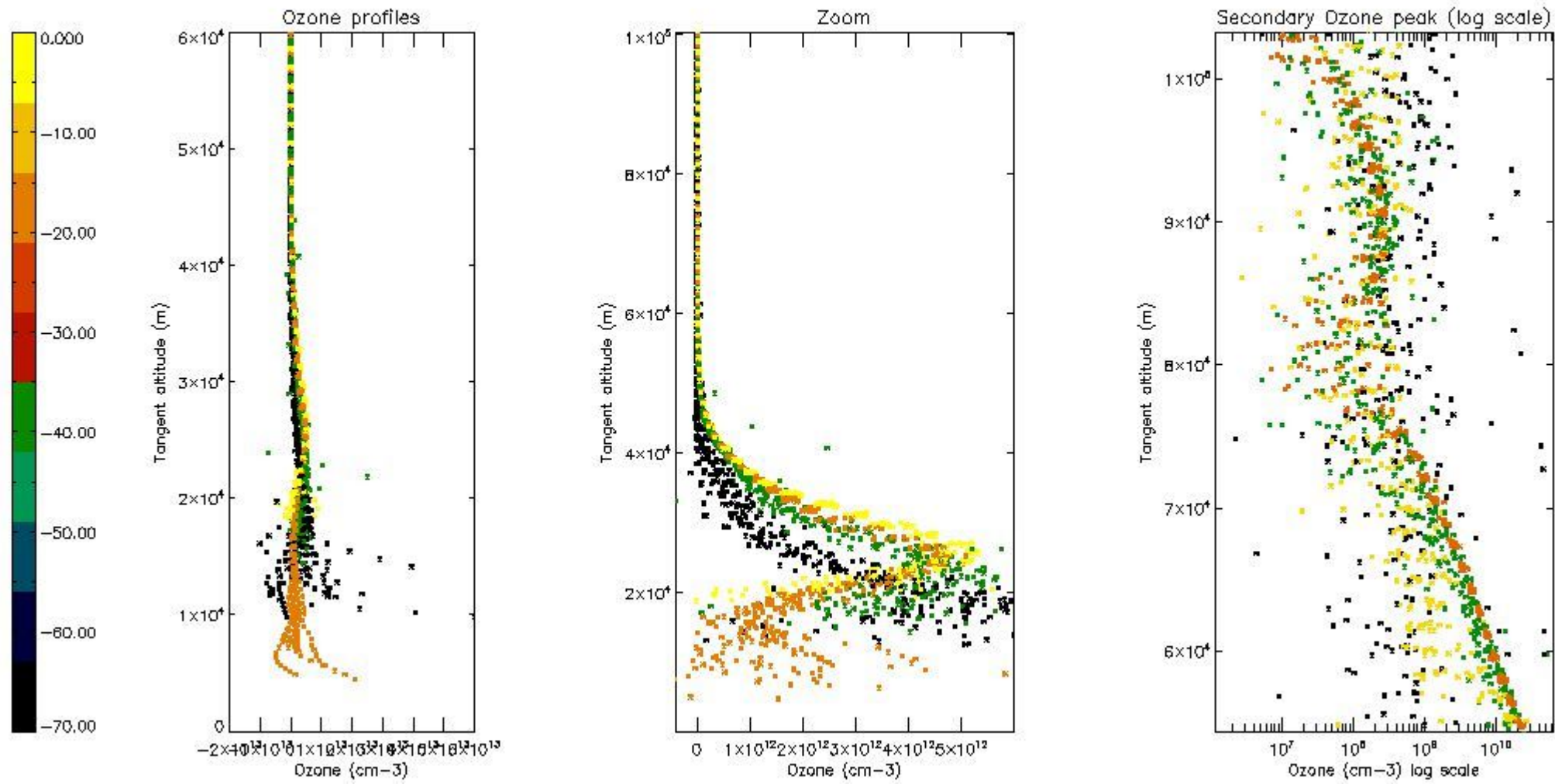
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	19
STD < 20	8

STD < 10	5
STD < 5	3

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

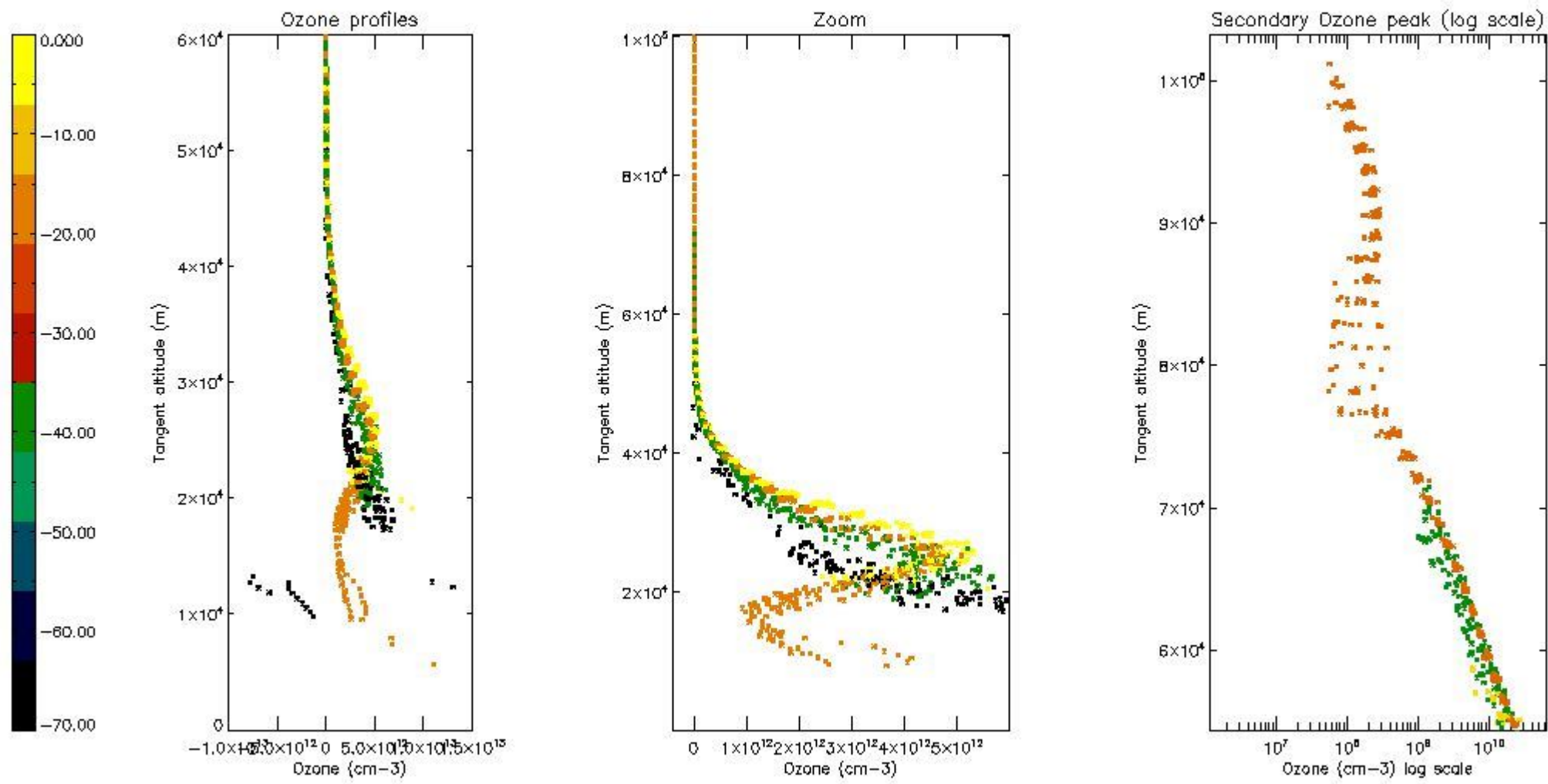
The colorbar represents the latitude.



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

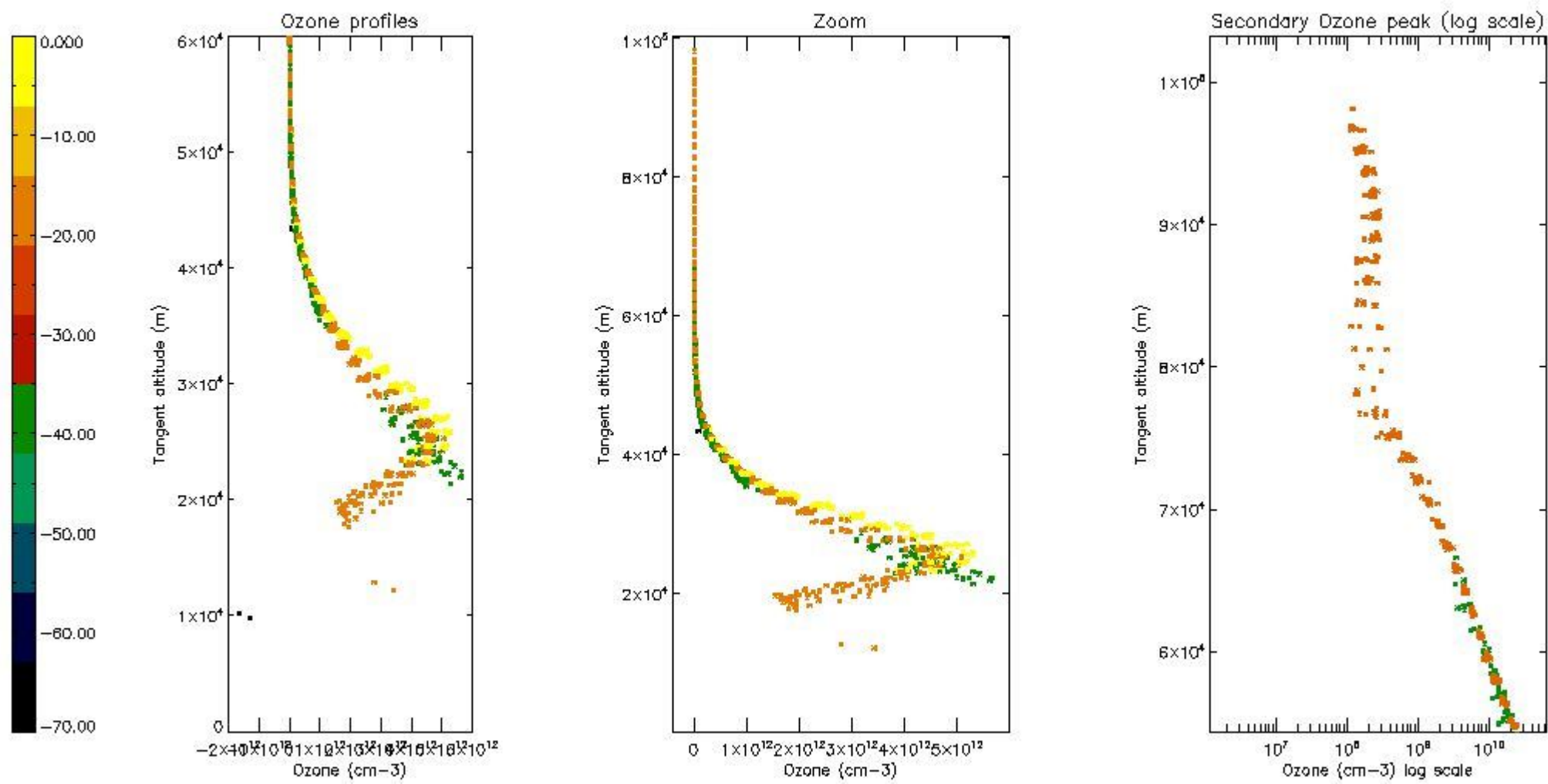
The colorbar represents the latitude.





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

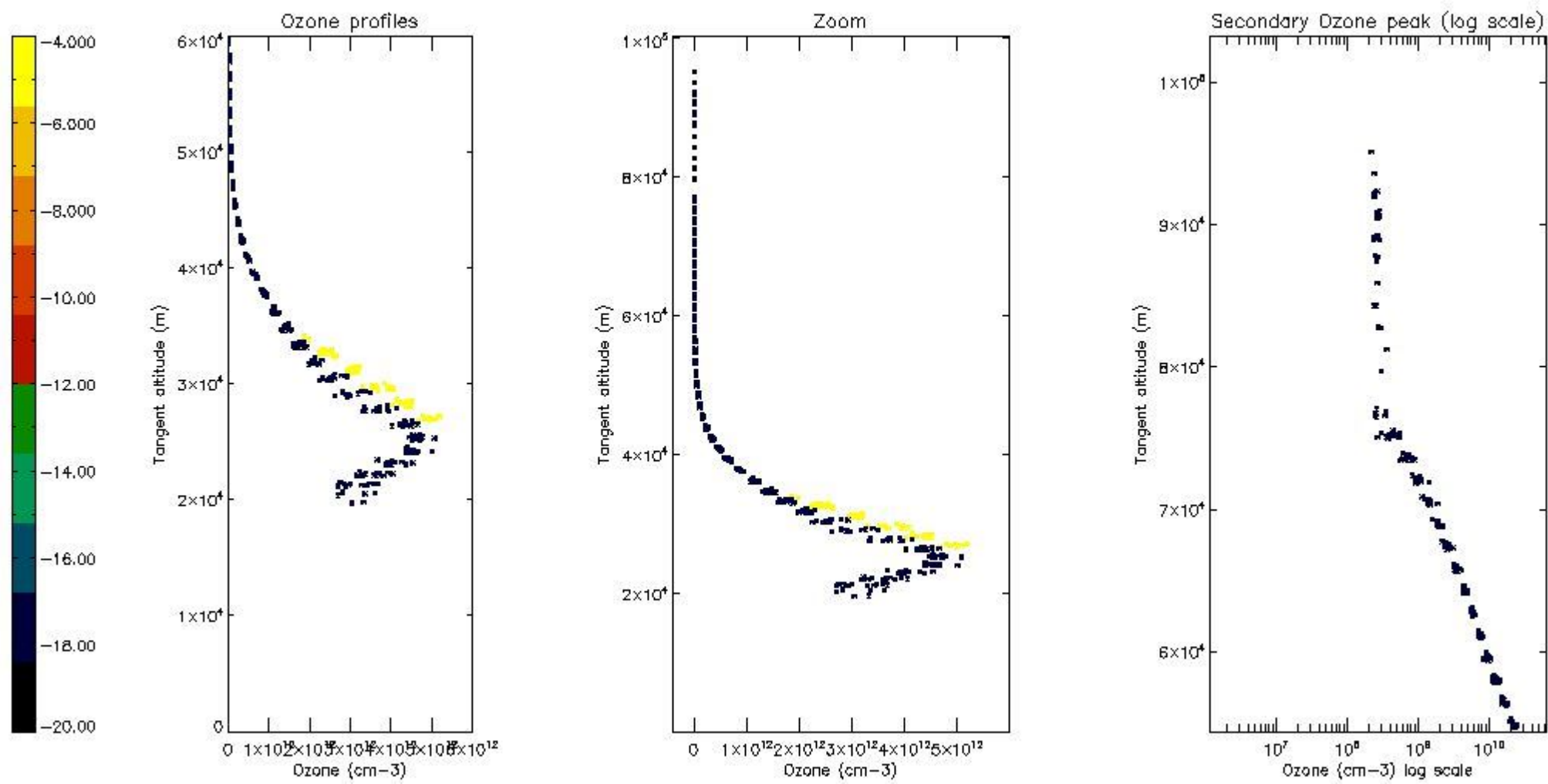
The colorbar represents the latitude.



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

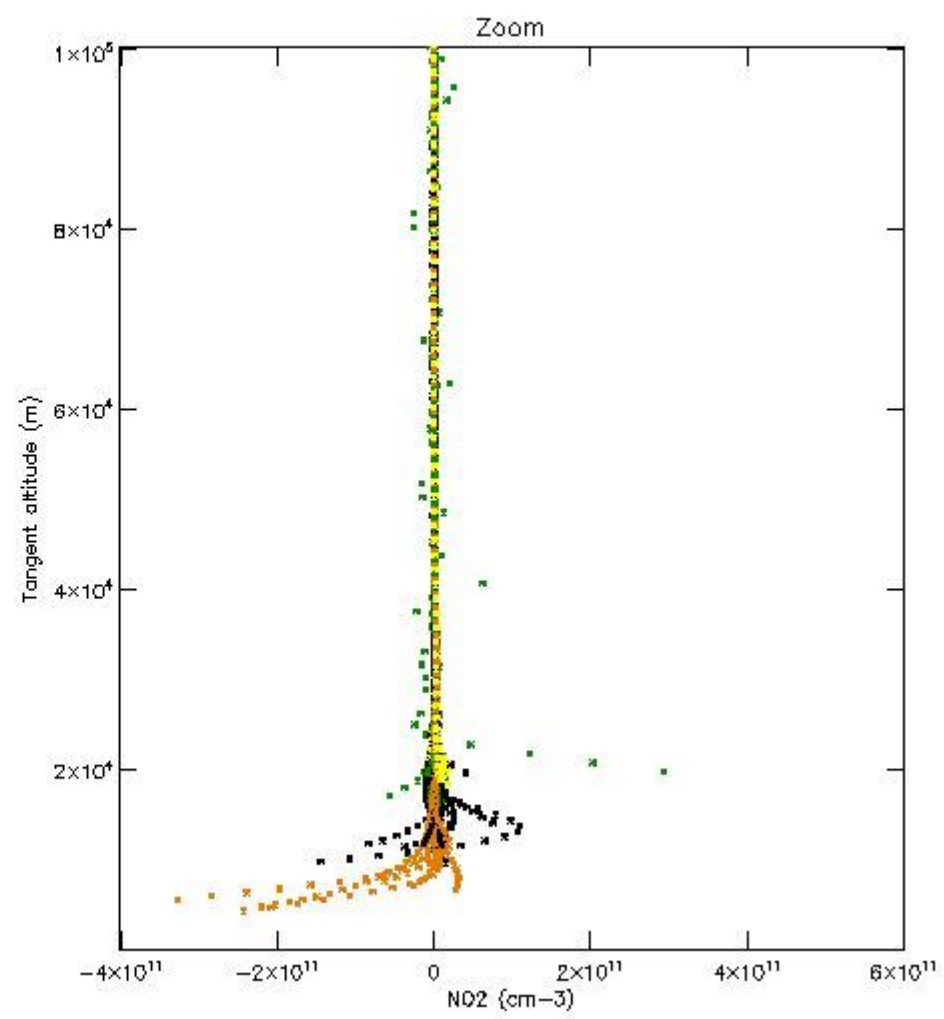
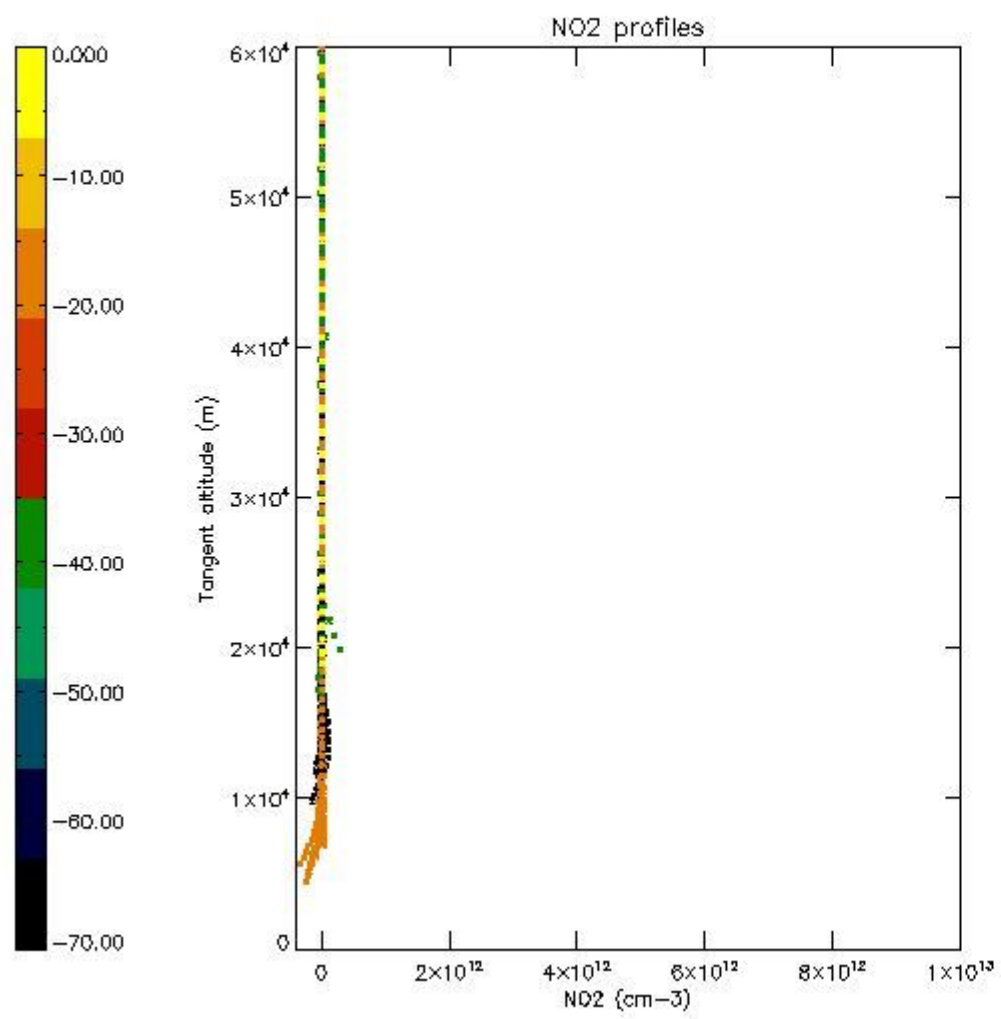
The colorbar represents the latitude.





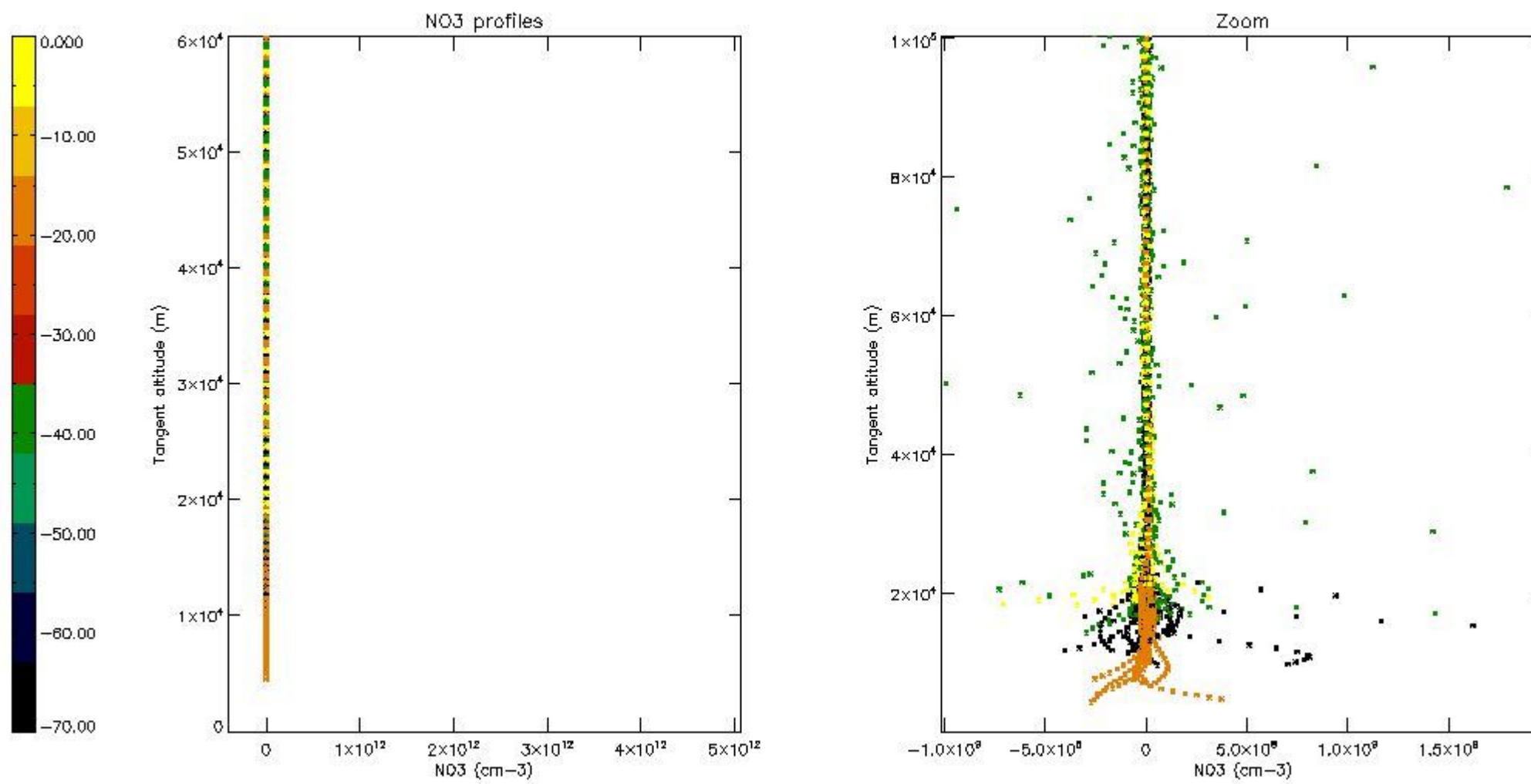
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

The colorbar represents the latitude.



## 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	04-JUL-2006 00:01:01
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	04-JUL-2006 00:01:01
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	04-JUL-2006 00:01:01

# 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	24APR2013 01:06:40
Data source version	GOMOS/6.01
Start time of products	04-07-2006 (04JUL2006 00:00:00)
Stop time of products	05-07-2006 (05JUL2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	320
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__2PRFIN20060704_000101_000000342049_00102_22701_9660.N1	04-JUL-2006 00:01:01	Bright	33.500	133	40Zet Her	2.8070	6000.0	67	22701	No
2	GOM_NL__2PRFIN20060704_000653_000000342049_00102_22701_9661.N1	04-JUL-2006 00:06:53	Bright	34.000	130	23Bet Dra	2.7990	5800.0	68	22701	No
3	GOM_NL__2PRFIN20060704_000924_000000362049_00102_22701_9662.N1	04-JUL-2006 00:09:24	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22701	No
4	GOM_NL__2PRFIN20060704_001327_000000522049_00102_22701_9663.N1	04-JUL-2006 00:13:27	Bright	52.000	60	7Bet UMi	2.0810	3950.0	104	22701	No
5	GOM_NL__2PRFIN20060704_001734_000000362049_00102_22701_9664.N1	04-JUL-2006 00:17:34	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22701	No
6	GOM_NL__2PRFIN20060704_003151_000000362049_00102_22701_9665.N1	04-JUL-2006 00:31:51	Bright	35.500	149	45Eps Per	2.8880	30000.	71	22701	No
7	GOM_NL__2PRFIN20060704_003636_000000412049_00102_22701_9666.N1	04-JUL-2006 00:36:36	Twilight	40.500	146	25Eta Tau	2.8730	15200.	81	22701	No
8	GOM_NL__2PRFIN20060704_004702_000000452049_00102_22701_9667.N1	04-JUL-2006 00:47:02	Dark	45.000	165	34Gam Eri	2.9500	3200.0	90	22701	No
9	GOM_NL__2PRFIN20060704_005533_000000392049_00102_22701_9668.N1	04-JUL-2006 00:55:33	Dark	38.500	157	The1Eri	2.9060	9300.0	77	22701	No
10	GOM_NL__2PRFIN20060704_010611_000000382049_00103_22702_9648.N1	04-JUL-2006 01:06:11	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	22702	No
11	GOM_NL__2PRFIN20060704_011330_000000432049_00103_22702_9649.N1	04-JUL-2006 01:13:30	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	22702	No
12	GOM_NL__2PRFIN20060704_011707_000000402049_00103_22702_9650.N1	04-JUL-2006 01:17:07	Straylight	39.500	141	Bet Ara	2.8400	4600.0	79	22702	No
13	GOM_NL__2PRFIN20060704_011836_000000382049_00103_22702_9651.N1	04-JUL-2006 01:18:36	Twilight	38.000	147	Alp Ara	2.8770	26000.	76	22702	No
14	GOM_NL__2PRFIN20060704_012025_000000442049_00103_22702_9652.N1	04-JUL-2006 01:20:25	Twilight	44.000	40	The Sco	1.8590	7100.0	88	22702	No
15	GOM_NL__2PRFIN20060704_012204_000000432049_00103_22702_9653.N1	04-JUL-2006 01:22:04	Twilight	43.000	25	35Lam Sco	1.6200	28000.	86	22702	No
16	GOM_NL__2PRFIN20060704_012330_000000492049_00103_22702_9654.N1	04-JUL-2006 01:23:30	Bright	48.500	116	19Del Sgr	2.7000	4100.0	97	22702	No
17	GOM_NL__2PRFIN20060704_012814_000000362049_00103_22702_9655.N1	04-JUL-2006 01:28:14	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	22702	No
18	GOM_NL__2PRFIN20060704_013001_000000362049_00103_22702_9656.N1	04-JUL-2006 01:30:01	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	22702	No
19	GOM_NL__2PRFIN20060704_013347_000000372049_00103_22702_9657.N1	04-JUL-2006 01:33:47	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	22702	No
20	GOM_NL__2PRFIN20060704_013606_000000372049_00103_22702_9658.N1	04-JUL-2006 01:36:06	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	22702	No
21	GOM_NL__2PRFIN20060704_013855_000000352049_00103_22702_9659.N1	04-JUL-2006 01:38:55	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	22702	No
22	GOM_NL__2PRFIN20060704_014137_000000352049_00103_22702_9660.N1	04-JUL-2006 01:41:37	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	22702	No
23	GOM_NL__2PRFIN20060704_014729_000000352049_00103_22702_9661.N1	04-JUL-2006 01:47:29	Bright	34.500	130	23Bet Dra	2.7990	5800.0	69	22702	No
24	GOM_NL__2PRFIN20060704_015000_000000362049_00103_22702_9662.N1	04-JUL-2006 01:50:00	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22702	No
25	GOM_NL__2PRFIN20060704_015403_000000362049_00103_22702_9663.N1	04-JUL-2006 01:54:03	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	22702	No
26	GOM_NL__2PRFIN20060704_015810_000000362049_00103_22702_9664.N1	04-JUL-2006 01:58:10	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22702	No
27	GOM_NL__2PRFIN20060704_021227_000000342049_00103_22702_9665.N1	04-JUL-2006 02:12:27	Bright	34.000	149	45Eps Per	2.8880	30000.	68	22702	No
28	GOM_NL__2PRFIN20060704_021452_000000392049_00103_22702_9666.N1	04-JUL-2006 02:14:52	Bright	38.500	150	44Zet Per	2.8900	28000.	77	22702	No
29	GOM_NL__2PRFIN20060704_021713_000000402049_00103_22702_9667.N1	04-JUL-2006 02:17:13	Twilight	40.000	146	25Eta Tau	2.8730	15200.	80	22702	No
30	GOM_NL__2PRFIN20060704_022738_000000412049_00103_22702_9668.N1	04-JUL-2006 02:27:38	Dark	40.500	165	34Gam Eri	2.9500	3200.0	81	22702	No
31	GOM_NL__2PRFIN20060704_023609_000000392049_00103_22702_9669.N1	04-JUL-2006 02:36:09	Dark	39.000	157	The1Eri	2.9060	9300.0	78	22702	No
32	GOM_NL__2PRFIN20060704_024647_000000372049_00104_22703_9648.N1	04-JUL-2006 02:46:47	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22703	No
33	GOM_NL__2PRFIN20060704_025407_000000412049_00104_22703_9649.N1	04-JUL-2006 02:54:07	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	22703	No
34	GOM_NL__2PRFIN20060704_025743_000000392049_00104_22703_9650.N1	04-JUL-2006 02:57:43	Straylight	39.000	141	Bet Ara	2.8400	4600.0	78	22703	No
35	GOM_NL__2PRFIN20060704_025912_000000372049_00104_22703_9651.N1	04-JUL-2006 02:59:12	Twilight	36.500	147	Alp Ara	2.8770	26000.	73	22703	No
36	GOM_NL__2PRFIN20060704_030101_000000412049_00104_22703_9652.N1	04-JUL-2006 03:01:01	Twilight	41.000	40	The Sco	1.8590	7100.0	82	22703	No
37	GOM_NL__2PRFIN20060704_030240_000000382049_00104_22703_9653.N1	04-JUL-2006 03:02:40	Twilight	37.500	25	35Lam Sco	1.6200	28000.	75	22703	No
38	GOM_NL__2PRFIN20060704_030406_000000462049_00104_22703_9654.N1	04-JUL-2006 03:04:06	Bright	46.000	116	19Del Sgr	2.7000	4100.0	92	22703	No
39	GOM_NL__2PRFIN20060704_030850_000000362049_00104_22703_9655.N1	04-JUL-2006 03:08:50	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	22703	No
40	GOM_NL__2PRFIN20060704_031037_000000372049_00104_22703_9656.N1	04-JUL-2006 03:10:37	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	22703	No
41	GOM_NL__2PRFIN20060704_031423_000000372049_00104_22703_9657.N1	04-JUL-2006 03:14:23	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	22703	No
42	GOM_NL__2PRFIN20060704_031642_000000382049_00104_22703_9658.N1	04-JUL-2006 03:16:42	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	22703	No

43	GOM_NL__2PRFIN20060704_031932_000000352049_00104_22703_9659.N1	04-JUL-2006 03:19:32	Bright	35.000	127	27Bet Her	2.7810	4700.0	70	22703	No
44	GOM_NL__2PRFIN20060704_032213_000000372049_00104_22703_9660.N1	04-JUL-2006 03:22:13	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	22703	No
45	GOM_NL__2PRFIN20060704_032804_000000372049_00104_22703_9661.N1	04-JUL-2006 03:28:04	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	22703	No
46	GOM_NL__2PRFIN20060704_033036_000000332049_00104_22703_9662.N1	04-JUL-2006 03:30:36	Bright	32.500	119	14Eta Dra	2.7270	4700.0	65	22703	No
47	GOM_NL__2PRFIN20060704_033439_000000322049_00104_22703_9663.N1	04-JUL-2006 03:34:39	Bright	32.000	60	7Bet UMi	2.0810	3950.0	64	22703	No
48	GOM_NL__2PRFIN20060704_033846_000000362049_00104_22703_9664.N1	04-JUL-2006 03:38:46	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22703	No
49	GOM_NL__2PRFIN20060704_035303_000000352049_00104_22703_9665.N1	04-JUL-2006 03:53:03	Bright	35.000	149	45Eps Per	2.8880	30000.	70	22703	No
50	GOM_NL__2PRFIN20060704_035528_000000372049_00104_22703_9666.N1	04-JUL-2006 03:55:28	Bright	37.000	150	44Zet Per	2.8900	28000.	74	22703	No
51	GOM_NL__2PRFIN20060704_035749_000000402049_00104_22703_9667.N1	04-JUL-2006 03:57:49	Twilight	40.000	146	25Eta Tau	2.8730	15200.	80	22703	No
52	GOM_NL__2PRFIN20060704_040814_000000412049_00104_22703_9668.N1	04-JUL-2006 04:08:14	Dark	40.500	165	34Gam Eri	2.9500	3200.0	81	22703	No
53	GOM_NL__2PRFIN20060704_041645_000000382049_00104_22703_9669.N1	04-JUL-2006 04:16:45	Dark	38.000	157	The1Eri	2.9060	9300.0	76	22703	No
54	GOM_NL__2PRFIN20060704_042255_000000442049_00105_22704_9648.N1	04-JUL-2006 04:22:55	Dark	43.500	9	Alp Eri	0.45300	24000.	87	22704	No
55	GOM_NL__2PRFIN20060704_042723_000000382049_00105_22704_9649.N1	04-JUL-2006 04:27:23	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	22704	No
56	GOM_NL__2PRFIN20060704_043443_000000422049_00105_22704_9650.N1	04-JUL-2006 04:34:43	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	22704	No
57	GOM_NL__2PRFIN20060704_043819_000000382049_00105_22704_9651.N1	04-JUL-2006 04:38:19	Straylight	37.500	141	Bet Ara	2.8400	4600.0	75	22704	No
58	GOM_NL__2PRFIN20060704_043948_000000382049_00105_22704_9652.N1	04-JUL-2006 04:39:48	Tw_and_stray	38.000	147	Alp Ara	2.8770	26000.	76	22704	No
59	GOM_NL__2PRFIN20060704_044137_000000392049_00105_22704_9653.N1	04-JUL-2006 04:41:37	Tw_and_stray	39.000	40	The Sco	1.8590	7100.0	78	22704	No
60	GOM_NL__2PRFIN20060704_044317_000000422049_00105_22704_9654.N1	04-JUL-2006 04:43:17	Tw_and_stray	42.000	25	35Lam Sco	1.6200	28000.	84	22704	No
61	GOM_NL__2PRFIN20060704_044442_000000452049_00105_22704_9655.N1	04-JUL-2006 04:44:42	Bright	44.500	116	19Del Sgr	2.7000	4100.0	89	22704	No
62	GOM_NL__2PRFIN20060704_044927_000000362049_00105_22704_9656.N1	04-JUL-2006 04:49:27	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	22704	No
63	GOM_NL__2PRFIN20060704_045113_000000372049_00105_22704_9657.N1	04-JUL-2006 04:51:13	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	22704	No
64	GOM_NL__2PRFIN20060704_045459_000000372049_00105_22704_9658.N1	04-JUL-2006 04:54:59	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	22704	No
65	GOM_NL__2PRFIN20060704_045718_000000372049_00105_22704_9659.N1	04-JUL-2006 04:57:18	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	22704	No
66	GOM_NL__2PRFIN20060704_050008_000000372049_00105_22704_9660.N1	04-JUL-2006 05:00:08	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	22704	No
67	GOM_NL__2PRFIN20060704_050249_000000362049_00105_22704_9661.N1	04-JUL-2006 05:02:49	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	22704	No
68	GOM_NL__2PRFIN20060704_050840_000000362049_00105_22704_9662.N1	04-JUL-2006 05:08:40	Bright	36.000	130	23Bet Dra	2.7990	5800.0	72	22704	No
69	GOM_NL__2PRFIN20060704_051112_000000342049_00105_22704_9663.N1	04-JUL-2006 05:11:12	Bright	34.000	119	14Eta Dra	2.7270	4700.0	68	22704	No
70	GOM_NL__2PRFIN20060704_051515_000000362049_00105_22704_9664.N1	04-JUL-2006 05:15:15	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	22704	No
71	GOM_NL__2PRFIN20060704_051922_000000352049_00105_22704_9665.N1	04-JUL-2006 05:19:22	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	22704	No
72	GOM_NL__2PRFIN20060704_053339_000000372049_00105_22704_9666.N1	04-JUL-2006 05:33:39	Bright	36.500	149	45Eps Per	2.8880	30000.	73	22704	No
73	GOM_NL__2PRFIN20060704_053604_000000372049_00105_22704_9667.N1	04-JUL-2006 05:36:04	Bright	36.500	150	44Zet Per	2.8900	28000.	73	22704	No
74	GOM_NL__2PRFIN20060704_053825_000000412049_00105_22704_9668.N1	04-JUL-2006 05:38:25	Twilight	40.500	146	25Eta Tau	2.8730	15200.	81	22704	No
75	GOM_NL__2PRFIN20060704_054851_000000442049_00105_22704_9669.N1	04-JUL-2006 05:48:51	Dark	43.500	165	34Gam Eri	2.9500	3200.0	87	22704	No
76	GOM_NL__2PRFIN20060704_055722_000000402049_00105_22704_9670.N1	04-JUL-2006 05:57:22	Dark	40.000	157	The1Eri	2.9060	9300.0	80	22704	No
77	GOM_NL__2PRFIN20060704_060332_000000472049_00106_22705_9668.N1	04-JUL-2006 06:03:32	Dark	46.500	9	Alp Eri	0.45300	24000.	93	22705	No
78	GOM_NL__2PRFIN20060704_060759_000000372049_00106_22705_9669.N1	04-JUL-2006 06:07:59	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22705	No
79	GOM_NL__2PRFIN20060704_061520_000000402049_00106_22705_9670.N1	04-JUL-2006 06:15:20	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	22705	No
80	GOM_NL__2PRFIN20060704_061856_000000412049_00106_22705_9671.N1	04-JUL-2006 06:18:56	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	22705	No
81	GOM_NL__2PRFIN20060704_062024_000000392049_00106_22705_9672.N1	04-JUL-2006 06:20:24	Tw_and_stray	39.000	147	Alp Ara	2.8770	26000.	78	22705	No
82	GOM_NL__2PRFIN20060704_062213_000000402049_00106_22705_9673.N1	04-JUL-2006 06:22:13	Tw_and_stray	40.000	40	The Sco	1.8590	7100.0	80	22705	No
83	GOM_NL__2PRFIN20060704_062353_000000422049_00106_22705_9674.N1	04-JUL-2006 06:23:53	Tw_and_stray	41.500	25	35Lam Sco	1.6200	28000.	83	22705	No
84	GOM_NL__2PRFIN20060704_062518_000000442049_00106_22705_9675.N1	04-JUL-2006 06:25:18	Bright	43.500	116	19Del Sgr	2.7000	4100.0	87	22705	No
85	GOM_NL__2PRFIN20060704_063003_000000372049_00106_22705_9676.N1	04-JUL-2006 06:30:03	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	22705	No
86	GOM_NL__2PRFIN20060704_063149_000000362049_00106_22705_9677.N1	04-JUL-2006 06:31:49	Bright	35.500	98	13Zet Oph	2.5710	30000.	71	22705	No
87	GOM_NL__2PRFIN20060704_063535_000000372049_00106_22705_9678.N1	04-JUL-2006 06:35:35	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	22705	No
88	GOM_NL__2PRFIN20060704_063754_000000372049_00106_22705_9679.N1	04-JUL-2006 06:37:54	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	22705	No
89	GOM_NL__2PRFIN20060704_064044_000000342049_00106_22705_9680.N1	04-JUL-2006 06:40:44	Bright	33.500	127	27Bet Her	2.7810	4700.0	67	22705	No
90	GOM_NL__2PRFIN20060704_064325_000000342049_00106_22705_9681.N1	04-JUL-2006 06:43:25	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	22705	No
91	GOM_NL__2PRFIN20060704_064916_000000372049_00106_22705_9682.N1	04-JUL-2006 06:49:16	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	22705	No
92	GOM_NL__2PRFIN20060704_065148_000000362049_00106_22705_9683.N1	04-JUL-2006 06:51:48	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22705	No
93	GOM_NL__2PRFIN20060704_065551_000000362049_00106_22705_9684.N1	04-JUL-2006 06:55:51	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	22705	No
94	GOM_NL__2PRFIN20060704_065958_000000362049_00106_22705_9685.N1	04-JUL-2006 06:59:58	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22705	No
95	GOM_NL__2PRFIN20060704_071415_000000342049_00106_22705_9686.N1	04-JUL-2006 07:14:15	Bright	33.500	149	45Eps Per	2.8880	30000.	67	22705	No
96	GOM_NL__2PRFIN20060704_071640_000000382049_00106_22705_9687.N1	04-JUL-2006 07:16:40	Bright	38.000	150	44Zet Per	2.8900	28000.	76	22705	No
97	GOM_NL__2PRFIN20060704_071901_000000402049_00106_22705_9688.N1	04-JUL-2006 07:19:01	Twilight	40.000	146	25Eta Tau	2.8730	15200.	80	22705	No
98	GOM_NL__2PRFIN20060704_072927_000000422049_00106_22705_9689.N1	04-JUL-2006 07:29:27	Dark	42.000	165	34Gam Eri	2.9500	3200.0	84	22705	No
99	GOM_NL__2PRFIN20060704_073758_000000422049_00106_22705_9690.N1	04-JUL-2006 07:37:58	Dark	42.000	157	The1Eri	2.9060	9300.0	84	22705	No
100	GOM_NL__2PRFIN20060704_074408_000000522049_00107_22706_9668.N1	04-JUL-2006 07:44:08	Dark	51.500	9	Alp Eri	0.45300	24000.	103	22706	No
101	GOM_NL__2PRFIN20060704_074835_000000372049_00107_22706_9669.N1	04-JUL-2006 07:48:35	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22706	No

102	GOM_NL__2PRFIN20060704_075556_000000412049_00107_22706_9670.N1	04-JUL-2006 07:55:56	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	22706	No
103	GOM_NL__2PRFIN20060704_075932_000000412049_00107_22706_9671.N1	04-JUL-2006 07:59:32	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	22706	No
104	GOM_NL__2PRFIN20060704_080101_000000392049_00107_22706_9672.N1	04-JUL-2006 08:01:01	Twi_and_stray	39.000	147	Alp Ara	2.8770	26000.	78	22706	No
105	GOM_NL__2PRFIN20060704_080249_000000422049_00107_22706_9673.N1	04-JUL-2006 08:02:49	Twi_and_stray	41.500	40	The Sco	1.8590	7100.0	83	22706	No
106	GOM_NL__2PRFIN20060704_080429_000000412049_00107_22706_9674.N1	04-JUL-2006 08:04:29	Twi_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	22706	No
107	GOM_NL__2PRFIN20060704_080555_000000542049_00107_22706_9675.N1	04-JUL-2006 08:05:55	Bright	54.000	116	19Del Sgr	2.7000	4100.0	108	22706	No
108	GOM_NL__2PRFIN20060704_081039_000000362049_00107_22706_9676.N1	04-JUL-2006 08:10:39	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	22706	No
109	GOM_NL__2PRFIN20060704_081226_000000362049_00107_22706_9677.N1	04-JUL-2006 08:12:26	Bright	35.500	98	13Zet Oph	2.5710	30000.	71	22706	No
110	GOM_NL__2PRFIN20060704_081611_000000362049_00107_22706_9678.N1	04-JUL-2006 08:16:11	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	22706	No
111	GOM_NL__2PRFIN20060704_081830_000000362049_00107_22706_9679.N1	04-JUL-2006 08:18:30	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	22706	No
112	GOM_NL__2PRFIN20060704_082120_000000352049_00107_22706_9680.N1	04-JUL-2006 08:21:20	Bright	35.000	127	27Bet Her	2.7810	4700.0	70	22706	No
113	GOM_NL__2PRFIN20060704_082401_000000372049_00107_22706_9681.N1	04-JUL-2006 08:24:01	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	22706	No
114	GOM_NL__2PRFIN20060704_082952_000000372049_00107_22706_9682.N1	04-JUL-2006 08:29:52	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	22706	No
115	GOM_NL__2PRFIN20060704_083224_000000362049_00107_22706_9683.N1	04-JUL-2006 08:32:24	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22706	No
116	GOM_NL__2PRFIN20060704_083627_000000372049_00107_22706_9684.N1	04-JUL-2006 08:36:27	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	22706	No
117	GOM_NL__2PRFIN20060704_084034_000000522049_00107_22706_9685.N1	04-JUL-2006 08:40:34	Bright	52.000	49	1Alp UMi	1.9900	6300.0	104	22706	No
118	GOM_NL__2PRFIN20060704_085451_000000352049_00107_22706_9686.N1	04-JUL-2006 08:54:51	Bright	34.500	149	45Eps Per	2.8880	30000.	69	22706	No
119	GOM_NL__2PRFIN20060704_085716_000000392049_00107_22706_9687.N1	04-JUL-2006 08:57:16	Bright	39.000	150	44Zet Per	2.8900	28000.	78	22706	No
120	GOM_NL__2PRFIN20060704_085937_000000402049_00107_22706_9688.N1	04-JUL-2006 08:59:37	Twilight	40.000	146	25Eta Tau	2.8730	15200.	80	22706	No
121	GOM_NL__2PRFIN20060704_091003_000000392049_00107_22706_9689.N1	04-JUL-2006 09:10:03	Dark	39.000	165	34Gam Eri	2.9500	3200.0	78	22706	No
122	GOM_NL__2PRFIN20060704_091835_000000402049_00107_22706_9690.N1	04-JUL-2006 09:18:35	Dark	40.000	157	The1Eri	2.9060	9300.0	80	22706	No
123	GOM_NL__2PRFIN20060704_092444_000000412049_00108_22707_9668.N1	04-JUL-2006 09:24:44	Dark	40.500	9	Alp Eri	0.45300	24000.	81	22707	No
124	GOM_NL__2PRFIN20060704_092912_000000372049_00108_22707_9669.N1	04-JUL-2006 09:29:12	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22707	No
125	GOM_NL__2PRFIN20060704_093632_000000412049_00108_22707_9670.N1	04-JUL-2006 09:36:32	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	22707	No
126	GOM_NL__2PRFIN20060704_094008_000000402049_00108_22707_9671.N1	04-JUL-2006 09:40:08	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	22707	No
127	GOM_NL__2PRFIN20060704_094136_000000382049_00108_22707_9672.N1	04-JUL-2006 09:41:36	Twi_and_stray	37.500	147	Alp Ara	2.8770	26000.	75	22707	No
128	GOM_NL__2PRFIN20060704_094325_000000442049_00108_22707_9673.N1	04-JUL-2006 09:43:25	Twi_and_stray	44.000	40	The Sco	1.8590	7100.0	88	22707	No
129	GOM_NL__2PRFIN20060704_094505_000000422049_00108_22707_9674.N1	04-JUL-2006 09:45:05	Twi_and_stray	42.000	25	35Lam Sco	1.6200	28000.	84	22707	No
130	GOM_NL__2PRFIN20060704_094631_000000542049_00108_22707_9675.N1	04-JUL-2006 09:46:31	Bright	54.000	116	19Del Sgr	2.7000	4100.0	108	22707	No
131	GOM_NL__2PRFIN20060704_095115_000000362049_00108_22707_9676.N1	04-JUL-2006 09:51:15	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	22707	No
132	GOM_NL__2PRFIN20060704_095302_000000372049_00108_22707_9677.N1	04-JUL-2006 09:53:02	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	22707	No
133	GOM_NL__2PRFIN20060704_095647_000000362049_00108_22707_9678.N1	04-JUL-2006 09:56:47	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	22707	No
134	GOM_NL__2PRFIN20060704_095906_000000362049_00108_22707_9679.N1	04-JUL-2006 09:59:06	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	22707	No
135	GOM_NL__2PRFIN20060704_100156_000000362049_00108_22707_9680.N1	04-JUL-2006 10:01:56	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	22707	No
136	GOM_NL__2PRFIN20060704_100437_000000362049_00108_22707_9681.N1	04-JUL-2006 10:04:37	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	22707	No
137	GOM_NL__2PRFIN20060704_101028_000000362049_00108_22707_9682.N1	04-JUL-2006 10:10:28	Bright	36.000	130	23Bet Dra	2.7990	5800.0	72	22707	No
138	GOM_NL__2PRFIN20060704_101300_000000362049_00108_22707_9683.N1	04-JUL-2006 10:13:00	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22707	No
139	GOM_NL__2PRFIN20060704_101703_000000362049_00108_22707_9684.N1	04-JUL-2006 10:17:03	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	22707	No
140	GOM_NL__2PRFIN20060704_102110_000000372049_00108_22707_9685.N1	04-JUL-2006 10:21:10	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	22707	No
141	GOM_NL__2PRFIN20060704_103527_000000412049_00108_22707_9686.N1	04-JUL-2006 10:35:27	Bright	40.500	149	45Eps Per	2.8880	30000.	81	22707	No
142	GOM_NL__2PRFIN20060704_103752_000000372049_00108_22707_9687.N1	04-JUL-2006 10:37:52	Bright	37.000	150	44Zet Per	2.8900	28000.	74	22707	No
143	GOM_NL__2PRFIN20060704_104013_000000412049_00108_22707_9688.N1	04-JUL-2006 10:40:13	Twilight	41.000	146	25Eta Tau	2.8730	15200.	82	22707	No
144	GOM_NL__2PRFIN20060704_105039_000000432049_00108_22707_9689.N1	04-JUL-2006 10:50:39	Dark	43.000	165	34Gam Eri	2.9500	3200.0	86	22707	No
145	GOM_NL__2PRFIN20060704_105911_000000402049_00108_22707_9690.N1	04-JUL-2006 10:59:11	Dark	39.500	157	The1Eri	2.9060	9300.0	79	22707	No
146	GOM_NL__2PRFIN20060704_110521_000000402049_00109_22708_9668.N1	04-JUL-2006 11:05:21	Dark	40.000	9	Alp Eri	0.45300	24000.	80	22708	No
147	GOM_NL__2PRFIN20060704_110948_000000382049_00109_22708_9669.N1	04-JUL-2006 11:09:48	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	22708	No
148	GOM_NL__2PRFIN20060704_111709_000000412049_00109_22708_9670.N1	04-JUL-2006 11:17:09	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	22708	No
149	GOM_NL__2PRFIN20060704_112044_000000392049_00109_22708_9671.N1	04-JUL-2006 11:20:44	Straylight	39.000	141	Bet Ara	2.8400	4600.0	78	22708	No
150	GOM_NL__2PRFIN20060704_112213_000000372049_00109_22708_9672.N1	04-JUL-2006 11:22:13	Twi_and_stray	37.000	147	Alp Ara	2.8770	26000.	74	22708	No
151	GOM_NL__2PRFIN20060704_112401_000000412049_00109_22708_9673.N1	04-JUL-2006 11:24:01	Twi_and_stray	41.000	40	The Sco	1.8590	7100.0	82	22708	No
152	GOM_NL__2PRFIN20060704_112541_000000402049_00109_22708_9674.N1	04-JUL-2006 11:25:41	Twi_and_stray	39.500	25	35Lam Sco	1.6200	28000.	79	22708	No
153	GOM_NL__2PRFIN20060704_112707_000000452049_00109_22708_9675.N1	04-JUL-2006 11:27:07	Bright	44.500	116	19Del Sgr	2.7000	4100.0	89	22708	No
154	GOM_NL__2PRFIN20060704_113151_000000362049_00109_22708_9676.N1	04-JUL-2006 11:31:51	Bright	35.500	86	35Eta Oph	2.4300	10200.	71	22708	No
155	GOM_NL__2PRFIN20060704_113338_000000372049_00109_22708_9677.N1	04-JUL-2006 11:33:38	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	22708	No
156	GOM_NL__2PRFIN20060704_113723_000000362049_00109_22708_9678.N1	04-JUL-2006 11:37:23	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	22708	No
157	GOM_NL__2PRFIN20060704_113942_000000362049_00109_22708_9679.N1	04-JUL-2006 11:39:42	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	22708	No
158	GOM_NL__2PRFIN20060704_114232_000000372049_00109_22708_9680.N1	04-JUL-2006 11:42:32	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	22708	No
159	GOM_NL__2PRFIN20060704_114513_000000342049_00109_22708_9681.N1	04-JUL-2006 11:45:13	Bright	33.500	133	40Zet Her	2.8070	6000.0	67	22708	No
160	GOM_NL__2PRFIN20060704_115103_000000392049_00109_22708_9682.N1	04-JUL-2006 11:51:03	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	22708	No



161	GOM_NL__2PRFIN20060704_115336_000000362049_00109_22708_9683.N1	04-JUL-2006 11:53:36	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22708	No
162	GOM_NL__2PRFIN20060704_115739_000000372049_00109_22708_9684.N1	04-JUL-2006 11:57:39	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	22708	No
163	GOM_NL__2PRFIN20060704_120145_000000362049_00109_22708_9685.N1	04-JUL-2006 12:01:45	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	22708	No
164	GOM_NL__2PRFIN20060704_121603_000000342049_00109_22708_9686.N1	04-JUL-2006 12:16:03	Bright	34.000	149	45Eps Per	2.8880	30000.	68	22708	No
165	GOM_NL__2PRFIN20060704_121828_000000382049_00109_22708_9687.N1	04-JUL-2006 12:18:28	Bright	37.500	150	44Zet Per	2.8900	28000.	75	22708	No
166	GOM_NL__2PRFIN20060704_122049_000000402049_00109_22708_9688.N1	04-JUL-2006 12:20:49	Twilight	39.500	146	25Eta Tau	2.8730	15200.	79	22708	No
167	GOM_NL__2PRFIN20060704_123115_000000402049_00109_22708_9689.N1	04-JUL-2006 12:31:15	Dark	39.500	165	34Gam Eri	2.9500	3200.0	79	22708	No
168	GOM_NL__2PRFIN20060704_123947_000000402049_00109_22708_9690.N1	04-JUL-2006 12:39:47	Dark	39.500	157	The1Eri	2.9060	9300.0	79	22708	No
169	GOM_NL__2PRFIN20060704_124557_000000402049_00110_22709_9668.N1	04-JUL-2006 12:45:57	Dark	39.500	9	Alp Eri	0.45300	24000.	79	22709	No
170	GOM_NL__2PRFIN20060704_125024_000000372049_00110_22709_9669.N1	04-JUL-2006 12:50:24	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22709	No
171	GOM_NL__2PRFIN20060704_125745_000000402049_00110_22709_9670.N1	04-JUL-2006 12:57:45	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	22709	No
172	GOM_NL__2PRFIN20060704_130120_000000412049_00110_22709_9671.N1	04-JUL-2006 13:01:20	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	22709	No
173	GOM_NL__2PRFIN20060704_130249_000000362049_00110_22709_9672.N1	04-JUL-2006 13:02:49	Twi_and_stray	36.000	147	Alp Ara	2.8770	26000.	72	22709	No
174	GOM_NL__2PRFIN20060704_130438_000000422049_00110_22709_9673.N1	04-JUL-2006 13:04:38	Twi_and_stray	41.500	40	The Sco	1.8590	7100.0	83	22709	No
175	GOM_NL__2PRFIN20060704_130617_000000392049_00110_22709_9674.N1	04-JUL-2006 13:06:17	Twi_and_stray	38.500	25	35Lam Sco	1.6200	28000.	77	22709	No
176	GOM_NL__2PRFIN20060704_130743_000000432049_00110_22709_9675.N1	04-JUL-2006 13:07:43	Bright	43.000	116	19Del Sgr	2.7000	4100.0	86	22709	No
177	GOM_NL__2PRFIN20060704_131227_000000372049_00110_22709_9676.N1	04-JUL-2006 13:12:27	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	22709	No
178	GOM_NL__2PRFIN20060704_131414_000000372049_00110_22709_9677.N1	04-JUL-2006 13:14:14	Bright	37.000	98	13Zet Oph	2.5710	30000.	74	22709	No
179	GOM_NL__2PRFIN20060704_131759_000000362049_00110_22709_9678.N1	04-JUL-2006 13:17:59	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	22709	No
180	GOM_NL__2PRFIN20060704_132018_000000352049_00110_22709_9679.N1	04-JUL-2006 13:20:18	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	22709	No
181	GOM_NL__2PRFIN20060704_132308_000000342049_00110_22709_9680.N1	04-JUL-2006 13:23:08	Bright	34.000	127	27Bet Her	2.7810	4700.0	68	22709	No
182	GOM_NL__2PRFIN20060704_132549_000000362049_00110_22709_9681.N1	04-JUL-2006 13:25:49	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	22709	No
183	GOM_NL__2PRFIN20060704_133139_000000382049_00110_22709_9682.N1	04-JUL-2006 13:31:39	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	22709	No
184	GOM_NL__2PRFIN20060704_133412_000000462049_00110_22709_9683.N1	04-JUL-2006 13:34:12	Bright	46.000	119	14Eta Dra	2.7270	4700.0	92	22709	No
185	GOM_NL__2PRFIN20060704_133815_000000522049_00110_22709_9684.N1	04-JUL-2006 13:38:15	Bright	52.000	60	7Bet UMi	2.0810	3950.0	104	22709	No
186	GOM_NL__2PRFIN20060704_135639_000000342049_00110_22709_9685.N1	04-JUL-2006 13:56:39	Bright	34.000	149	45Eps Per	2.8880	30000.	68	22709	No
187	GOM_NL__2PRFIN20060704_135904_000000392049_00110_22709_9686.N1	04-JUL-2006 13:59:04	Bright	38.500	150	44Zet Per	2.8900	28000.	77	22709	No
188	GOM_NL__2PRFIN20060704_140125_000000402049_00110_22709_9687.N1	04-JUL-2006 14:01:25	Twilight	40.000	146	25Eta Tau	2.8730	15200.	80	22709	No
189	GOM_NL__2PRFIN20060704_141152_000000372049_00110_22709_9688.N1	04-JUL-2006 14:11:52	Dark	37.000	165	34Gam Eri	2.9500	3200.0	74	22709	No
190	GOM_NL__2PRFIN20060704_142024_000000402049_00110_22709_9689.N1	04-JUL-2006 14:20:24	Dark	40.000	157	The1Eri	2.9060	9300.0	80	22709	No
191	GOM_NL__2PRFIN20060704_142634_000000502049_00111_22710_9668.N1	04-JUL-2006 14:26:34	Dark	49.500	9	Alp Eri	0.45300	24000.	99	22710	No
192	GOM_NL__2PRFIN20060704_143100_000000372049_00111_22710_9669.N1	04-JUL-2006 14:31:00	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22710	No
193	GOM_NL__2PRFIN20060704_143822_000000412049_00111_22710_9670.N1	04-JUL-2006 14:38:22	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	22710	No
194	GOM_NL__2PRFIN20060704_144156_000000422049_00111_22710_9671.N1	04-JUL-2006 14:41:56	Straylight	42.000	141	Bet Ara	2.8400	4600.0	84	22710	No
195	GOM_NL__2PRFIN20060704_144325_000000372049_00111_22710_9672.N1	04-JUL-2006 14:43:25	Twi_and_stray	36.500	147	Alp Ara	2.8770	26000.	73	22710	No
196	GOM_NL__2PRFIN20060704_144514_000000392049_00111_22710_9673.N1	04-JUL-2006 14:45:14	Twi_and_stray	39.000	40	The Sco	1.8590	7100.0	78	22710	No
197	GOM_NL__2PRFIN20060704_144653_000000412049_00111_22710_9674.N1	04-JUL-2006 14:46:53	Twi_and_stray	40.500	25	35Lam Sco	1.6200	28000.	81	22710	No
198	GOM_NL__2PRFIN20060704_144819_000000542049_00111_22710_9675.N1	04-JUL-2006 14:48:19	Bright	53.500	116	19Del Sgr	2.7000	4100.0	107	22710	No
199	GOM_NL__2PRFIN20060704_145303_000000372049_00111_22710_9676.N1	04-JUL-2006 14:53:03	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	22710	No
200	GOM_NL__2PRFIN20060704_145450_000000372049_00111_22710_9677.N1	04-JUL-2006 14:54:50	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	22710	No
201	GOM_NL__2PRFIN20060704_145835_000000362049_00111_22710_9678.N1	04-JUL-2006 14:58:35	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	22710	No
202	GOM_NL__2PRFIN20060704_150053_000000372049_00111_22710_9679.N1	04-JUL-2006 15:00:53	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	22710	No
203	GOM_NL__2PRFIN20060704_150345_000000372049_00111_22710_9680.N1	04-JUL-2006 15:03:45	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	22710	No
204	GOM_NL__2PRFIN20060704_150625_000000372049_00111_22710_9681.N1	04-JUL-2006 15:06:25	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	22710	No
205	GOM_NL__2PRFIN20060704_151215_000000372049_00111_22710_9682.N1	04-JUL-2006 15:12:15	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	22710	No
206	GOM_NL__2PRFIN20060704_151448_000000332049_00111_22710_9683.N1	04-JUL-2006 15:14:48	Bright	33.000	119	14Eta Dra	2.7270	4700.0	66	22710	No
207	GOM_NL__2PRFIN20060704_151852_000000522049_00111_22710_9684.N1	04-JUL-2006 15:18:52	Bright	52.000	60	7Bet UMi	2.0810	3950.0	104	22710	No
208	GOM_NL__2PRFIN20060704_152257_000000352049_00111_22710_9685.N1	04-JUL-2006 15:22:57	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	22710	No
209	GOM_NL__2PRFIN20060704_153715_000000342049_00111_22710_9686.N1	04-JUL-2006 15:37:15	Bright	33.500	149	45Eps Per	2.8880	30000.	67	22710	No
210	GOM_NL__2PRFIN20060704_153940_000000372049_00111_22710_9687.N1	04-JUL-2006 15:39:40	Bright	37.000	150	44Zet Per	2.8900	28000.	74	22710	No
211	GOM_NL__2PRFIN20060704_154202_000000402049_00111_22710_9688.N1	04-JUL-2006 15:42:02	Twilight	39.500	146	25Eta Tau	2.8730	15200.	79	22710	No
212	GOM_NL__2PRFIN20060704_155228_000000402049_00111_22710_9689.N1	04-JUL-2006 15:52:28	Dark	40.000	165	34Gam Eri	2.9500	3200.0	80	22710	No
213	GOM_NL__2PRFIN20060704_160100_000000402049_00111_22710_9690.N1	04-JUL-2006 16:01:00	Dark	40.000	157	The1Eri	2.9060	9300.0	80	22710	No
214	GOM_NL__2PRFIN20060704_160710_000000422049_00112_22711_9668.N1	04-JUL-2006 16:07:10	Dark	41.500	9	Alp Eri	0.45300	24000.	83	22711	No
215	GOM_NL__2PRFIN20060704_161136_000000372049_00112_22711_9669.N1	04-JUL-2006 16:11:36	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22711	No
216	GOM_NL__2PRFIN20060704_161858_000000422049_00112_22711_9670.N1	04-JUL-2006 16:18:58	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	22711	No
217	GOM_NL__2PRFIN20060704_162232_000000382049_00112_22711_9671.N1	04-JUL-2006 16:22:32	Straylight	37.500	141	Bet Ara	2.8400	4600.0	75	22711	No
218	GOM_NL__2PRFIN20060704_162401_000000362049_00112_22711_9672.N1	04-JUL-2006 16:24:01	Twi_and_stray	35.500	147	Alp Ara	2.8770	26000.	71	22711	No
219	GOM_NL__2PRFIN20060704_162550_000000432049_00112_22711_9673.N1	04-JUL-2006 16:25:50	Twi_and_stray	42.500	40	The Sco	1.8590	7100.0	85	22711	No



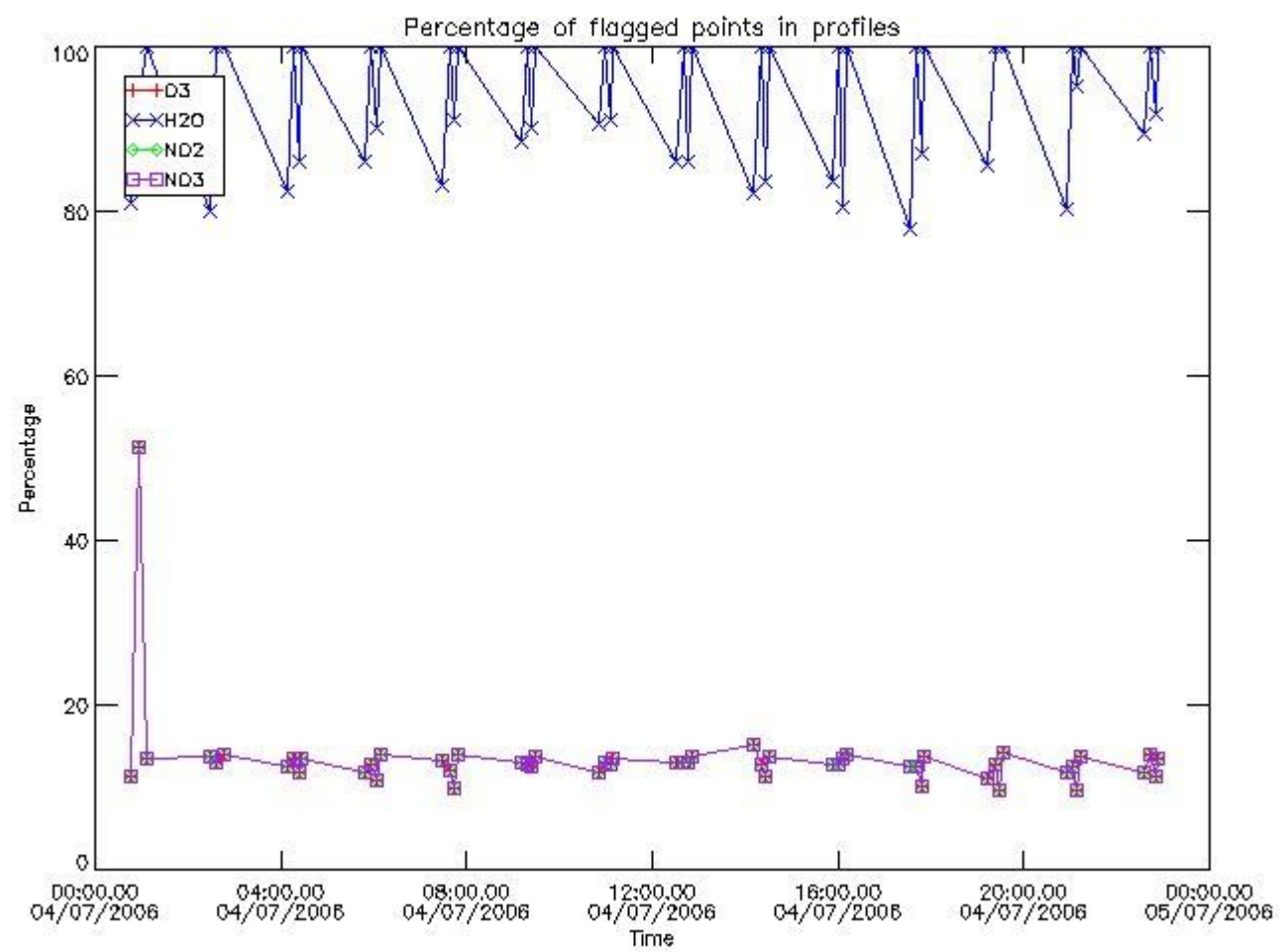
220	GOM_NL__2PRFIN20060704_162729_000000412049_00112_22711_9674.N1	04-JUL-2006 16:27:29	Twilight	40.500	25	35Lam Sco	1.6200	28000.	81	22711	No
221	GOM_NL__2PRFIN20060704_162855_000000432049_00112_22711_9675.N1	04-JUL-2006 16:28:55	Bright	42.500	116	19Del Sgr	2.7000	4100.0	85	22711	No
222	GOM_NL__2PRFIN20060704_163339_000000372049_00112_22711_9676.N1	04-JUL-2006 16:33:39	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	22711	No
223	GOM_NL__2PRFIN20060704_163526_000000372049_00112_22711_9677.N1	04-JUL-2006 16:35:26	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	22711	No
224	GOM_NL__2PRFIN20060704_163911_000000362049_00112_22711_9678.N1	04-JUL-2006 16:39:11	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	22711	No
225	GOM_NL__2PRFIN20060704_164129_000000362049_00112_22711_9679.N1	04-JUL-2006 16:41:29	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	22711	No
226	GOM_NL__2PRFIN20060704_164421_000000382049_00112_22711_9680.N1	04-JUL-2006 16:44:21	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	22711	No
227	GOM_NL__2PRFIN20060704_164701_000000372049_00112_22711_9681.N1	04-JUL-2006 16:47:01	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	22711	No
228	GOM_NL__2PRFIN20060704_165251_000000382049_00112_22711_9682.N1	04-JUL-2006 16:52:51	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	22711	No
229	GOM_NL__2PRFIN20060704_165524_000000362049_00112_22711_9683.N1	04-JUL-2006 16:55:24	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22711	No
230	GOM_NL__2PRFIN20060704_165928_000000332049_00112_22711_9684.N1	04-JUL-2006 16:59:28	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	22711	No
231	GOM_NL__2PRFIN20060704_170333_000000362049_00112_22711_9685.N1	04-JUL-2006 17:03:33	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	22711	No
232	GOM_NL__2PRFIN20060704_171752_000000352049_00112_22711_9686.N1	04-JUL-2006 17:17:52	Bright	34.500	149	45Eps Per	2.8880	30000.	69	22711	No
233	GOM_NL__2PRFIN20060704_172016_000000392049_00112_22711_9687.N1	04-JUL-2006 17:20:16	Bright	38.500	150	44Zet Per	2.8900	28000.	77	22711	No
234	GOM_NL__2PRFIN20060704_172238_000000402049_00112_22711_9688.N1	04-JUL-2006 17:22:38	Twilight	40.000	146	25Eta Tau	2.8730	15200.	80	22711	No
235	GOM_NL__2PRFIN20060704_173304_000000412049_00112_22711_9689.N1	04-JUL-2006 17:33:04	Dark	41.000	165	34Gam Eri	2.9500	3200.0	82	22711	No
236	GOM_NL__2PRFIN20060704_174137_000000412049_00112_22711_9690.N1	04-JUL-2006 17:41:37	Dark	40.500	157	The1Eri	2.9060	9300.0	81	22711	No
237	GOM_NL__2PRFIN20060704_174747_000000502049_00113_22712_9668.N1	04-JUL-2006 17:47:47	Dark	50.000	9	Alp Eri	0.45300	24000.	100	22712	No
238	GOM_NL__2PRFIN20060704_175212_000000372049_00113_22712_9669.N1	04-JUL-2006 17:52:12	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22712	No
239	GOM_NL__2PRFIN20060704_175934_000000412049_00113_22712_9670.N1	04-JUL-2006 17:59:34	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	22712	No
240	GOM_NL__2PRFIN20060704_180308_000000382049_00113_22712_9671.N1	04-JUL-2006 18:03:08	Straylight	38.000	141	Bet Ara	2.8400	4600.0	76	22712	No
241	GOM_NL__2PRFIN20060704_180437_000000382049_00113_22712_9672.N1	04-JUL-2006 18:04:37	Twilight	37.500	147	Alp Ara	2.8770	26000.	75	22712	No
242	GOM_NL__2PRFIN20060704_180626_000000432049_00113_22712_9673.N1	04-JUL-2006 18:06:26	Twilight	43.000	40	The Sco	1.8590	7100.0	86	22712	No
243	GOM_NL__2PRFIN20060704_180806_000000412049_00113_22712_9674.N1	04-JUL-2006 18:08:06	Twilight	41.000	25	35Lam Sco	1.6200	28000.	82	22712	No
244	GOM_NL__2PRFIN20060704_180932_000000472049_00113_22712_9675.N1	04-JUL-2006 18:09:32	Bright	46.500	116	19Del Sgr	2.7000	4100.0	93	22712	No
245	GOM_NL__2PRFIN20060704_181415_000000372049_00113_22712_9676.N1	04-JUL-2006 18:14:15	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	22712	No
246	GOM_NL__2PRFIN20060704_181602_000000372049_00113_22712_9677.N1	04-JUL-2006 18:16:02	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	22712	No
247	GOM_NL__2PRFIN20060704_181947_000000362049_00113_22712_9678.N1	04-JUL-2006 18:19:47	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	22712	No
248	GOM_NL__2PRFIN20060704_182205_000000362049_00113_22712_9679.N1	04-JUL-2006 18:22:05	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	22712	No
249	GOM_NL__2PRFIN20060704_182457_000000362049_00113_22712_9680.N1	04-JUL-2006 18:24:57	Bright	35.500	127	27Bet Her	2.7810	4700.0	71	22712	No
250	GOM_NL__2PRFIN20060704_182737_000000362049_00113_22712_9681.N1	04-JUL-2006 18:27:37	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	22712	No
251	GOM_NL__2PRFIN20060704_183327_000000382049_00113_22712_9682.N1	04-JUL-2006 18:33:27	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	22712	No
252	GOM_NL__2PRFIN20060704_183600_000000352049_00113_22712_9683.N1	04-JUL-2006 18:36:00	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	22712	No
253	GOM_NL__2PRFIN20060704_184004_000000522049_00113_22712_9684.N1	04-JUL-2006 18:40:04	Bright	52.000	60	7Bet UMi	2.0810	3950.0	104	22712	No
254	GOM_NL__2PRFIN20060704_184409_000000362049_00113_22712_9685.N1	04-JUL-2006 18:44:09	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	22712	No
255	GOM_NL__2PRFIN20060704_185828_000000342049_00113_22712_9686.N1	04-JUL-2006 18:58:28	Bright	34.000	149	45Eps Per	2.8880	30000.	68	22712	No
256	GOM_NL__2PRFIN20060704_190053_000000392049_00113_22712_9687.N1	04-JUL-2006 19:00:53	Bright	38.500	150	44Zet Per	2.8900	28000.	77	22712	No
257	GOM_NL__2PRFIN20060704_191341_000000462049_00113_22712_9688.N1	04-JUL-2006 19:13:41	Dark	45.500	165	34Gam Eri	2.9500	3200.0	91	22712	No
258	GOM_NL__2PRFIN20060704_192213_000000402049_00113_22712_9689.N1	04-JUL-2006 19:22:13	Dark	40.000	157	The1Eri	2.9060	9300.0	80	22712	No
259	GOM_NL__2PRFIN20060704_192823_000000532049_00114_22713_9668.N1	04-JUL-2006 19:28:23	Dark	53.000	9	Alp Eri	0.45300	24000.	106	22713	No
260	GOM_NL__2PRFIN20060704_193249_000000362049_00114_22713_9669.N1	04-JUL-2006 19:32:49	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	22713	No
261	GOM_NL__2PRFIN20060704_194011_000000402049_00114_22713_9670.N1	04-JUL-2006 19:40:11	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	22713	No
262	GOM_NL__2PRFIN20060704_194344_000000432049_00114_22713_9671.N1	04-JUL-2006 19:43:44	Straylight	42.500	141	Bet Ara	2.8400	4600.0	85	22713	No
263	GOM_NL__2PRFIN20060704_194513_000000372049_00114_22713_9672.N1	04-JUL-2006 19:45:13	Twilight	37.000	147	Alp Ara	2.8770	26000.	74	22713	No
264	GOM_NL__2PRFIN20060704_194702_000000422049_00114_22713_9673.N1	04-JUL-2006 19:47:02	Twilight	41.500	40	The Sco	1.8590	7100.0	83	22713	No
265	GOM_NL__2PRFIN20060704_194842_000000392049_00114_22713_9674.N1	04-JUL-2006 19:48:42	Twilight	39.000	25	35Lam Sco	1.6200	28000.	78	22713	No
266	GOM_NL__2PRFIN20060704_195008_000000472049_00114_22713_9675.N1	04-JUL-2006 19:50:08	Bright	46.500	116	19Del Sgr	2.7000	4100.0	93	22713	No
267	GOM_NL__2PRFIN20060704_195452_000000362049_00114_22713_9676.N1	04-JUL-2006 19:54:52	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	22713	No
268	GOM_NL__2PRFIN20060704_195638_000000362049_00114_22713_9677.N1	04-JUL-2006 19:56:38	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	22713	No
269	GOM_NL__2PRFIN20060704_200023_000000362049_00114_22713_9678.N1	04-JUL-2006 20:00:23	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	22713	No
270	GOM_NL__2PRFIN20060704_200241_000000362049_00114_22713_9679.N1	04-JUL-2006 20:02:41	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	22713	No
271	GOM_NL__2PRFIN20060704_200533_000000362049_00114_22713_9680.N1	04-JUL-2006 20:05:33	Bright	35.500	127	27Bet Her	2.7810	4700.0	71	22713	No
272	GOM_NL__2PRFIN20060704_200814_000000352049_00114_22713_9681.N1	04-JUL-2006 20:08:14	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	22713	No
273	GOM_NL__2PRFIN20060704_201403_000000362049_00114_22713_9682.N1	04-JUL-2006 20:14:03	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	22713	No
274	GOM_NL__2PRFIN20060704_201636_000000362049_00114_22713_9683.N1	04-JUL-2006 20:16:36	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22713	No
275	GOM_NL__2PRFIN20060704_202040_000000522049_00114_22713_9684.N1	04-JUL-2006 20:20:40	Bright	52.000	60	7Bet UMi	2.0810	3950.0	104	22713	No
276	GOM_NL__2PRFIN20060704_202445_000000362049_00114_22713_9685.N1	04-JUL-2006 20:24:45	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22713	No
277	GOM_NL__2PRFIN20060704_203904_000000342049_00114_22713_9686.N1	04-JUL-2006 20:39:04	Bright	33.500	149	45Eps Per	2.8880	30000.	67	22713	No
278	GOM_NL__2PRFIN20060704_204129_000000382049_00114_22713_9687.N1	04-JUL-2006 20:41:29	Bright	37.500	150	44Zet Per	2.8900	28000.	75	22713	No

279	GOM_NL__2PRFIN20060704_205417_000000442049_00114_22713_9688.N1	04-JUL-2006 20:54:17	Dark	43.500	165	34Gam Eri	2.9500	3200.0	87	22713	No
280	GOM_NL__2PRFIN20060704_210250_000000412049_00114_22713_9689.N1	04-JUL-2006 21:02:50	Dark	41.000	157	The1Eri	2.9060	9300.0	82	22713	No
281	GOM_NL__2PRFIN20060704_210900_000000532049_00115_22714_9668.N1	04-JUL-2006 21:09:00	Dark	53.000	9	Alp Eri	0.45300	24000.	106	22714	No
282	GOM_NL__2PRFIN20060704_211325_000000372049_00115_22714_9669.N1	04-JUL-2006 21:13:25	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22714	No
283	GOM_NL__2PRFIN20060704_212047_000000402049_00115_22714_9670.N1	04-JUL-2006 21:20:47	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	22714	No
284	GOM_NL__2PRFIN20060704_212420_000000382049_00115_22714_9671.N1	04-JUL-2006 21:24:20	Straylight	38.000	141	Bet Ara	2.8400	4600.0	76	22714	No
285	GOM_NL__2PRFIN20060704_212549_000000372049_00115_22714_9672.N1	04-JUL-2006 21:25:49	Tw_i_and_stray	37.000	147	Alp Ara	2.8770	26000.	74	22714	No
286	GOM_NL__2PRFIN20060704_212738_000000412049_00115_22714_9673.N1	04-JUL-2006 21:27:38	Tw_i_and_stray	41.000	40	The Sco	1.8590	7100.0	82	22714	No
287	GOM_NL__2PRFIN20060704_212918_000000392049_00115_22714_9674.N1	04-JUL-2006 21:29:18	Tw_i_and_stray	38.500	25	35Lam Sco	1.6200	28000.	77	22714	No
288	GOM_NL__2PRFIN20060704_213044_000000542049_00115_22714_9675.N1	04-JUL-2006 21:30:44	Bright	54.000	116	19Del Sgr	2.7000	4100.0	108	22714	No
289	GOM_NL__2PRFIN20060704_213528_000000372049_00115_22714_9676.N1	04-JUL-2006 21:35:28	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	22714	No
290	GOM_NL__2PRFIN20060704_213715_000000362049_00115_22714_9677.N1	04-JUL-2006 21:37:15	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	22714	No
291	GOM_NL__2PRFIN20060704_214059_000000362049_00115_22714_9678.N1	04-JUL-2006 21:40:59	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	22714	No
292	GOM_NL__2PRFIN20060704_214317_000000362049_00115_22714_9679.N1	04-JUL-2006 21:43:17	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	22714	No
293	GOM_NL__2PRFIN20060704_214609_000000372049_00115_22714_9680.N1	04-JUL-2006 21:46:09	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	22714	No
294	GOM_NL__2PRFIN20060704_214850_000000352049_00115_22714_9681.N1	04-JUL-2006 21:48:50	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	22714	No
295	GOM_NL__2PRFIN20060704_215438_000000352049_00115_22714_9682.N1	04-JUL-2006 21:54:38	Bright	34.500	130	23Bet Dra	2.7990	5800.0	69	22714	No
296	GOM_NL__2PRFIN20060704_215712_000000522049_00115_22714_9683.N1	04-JUL-2006 21:57:12	Bright	52.000	119	14Eta Dra	2.7270	4700.0	104	22714	No
297	GOM_NL__2PRFIN20060704_220116_000000352049_00115_22714_9684.N1	04-JUL-2006 22:01:16	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	22714	No
298	GOM_NL__2PRFIN20060704_220521_000000352049_00115_22714_9685.N1	04-JUL-2006 22:05:21	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	22714	No
299	GOM_NL__2PRFIN20060704_221940_000000342049_00115_22714_9686.N1	04-JUL-2006 22:19:40	Bright	34.000	149	45Eps Per	2.8880	30000.	68	22714	No
300	GOM_NL__2PRFIN20060704_222205_000000402049_00115_22714_9687.N1	04-JUL-2006 22:22:05	Bright	39.500	150	44Zet Per	2.8900	28000.	79	22714	No
301	GOM_NL__2PRFIN20060704_223453_000000432049_00115_22714_9688.N1	04-JUL-2006 22:34:53	Dark	42.500	165	34Gam Eri	2.9500	3200.0	85	22714	No
302	GOM_NL__2PRFIN20060704_224326_000000402049_00115_22714_9689.N1	04-JUL-2006 22:43:26	Dark	40.000	157	The1Eri	2.9060	9300.0	80	22714	No
303	GOM_NL__2PRFIN20060704_224936_000000492049_00116_22715_9688.N1	04-JUL-2006 22:49:36	Dark	49.000	9	Alp Eri	0.45300	24000.	98	22715	No
304	GOM_NL__2PRFIN20060704_225401_000000382049_00116_22715_9689.N1	04-JUL-2006 22:54:01	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	22715	No
305	GOM_NL__2PRFIN20060704_230123_000000402049_00116_22715_9690.N1	04-JUL-2006 23:01:23	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	22715	No
306	GOM_NL__2PRFIN20060704_230456_000000422049_00116_22715_9691.N1	04-JUL-2006 23:04:56	Straylight	41.500	141	Bet Ara	2.8400	4600.0	83	22715	No
307	GOM_NL__2PRFIN20060704_230625_000000382049_00116_22715_9692.N1	04-JUL-2006 23:06:25	Tw_i_and_stray	38.000	147	Alp Ara	2.8770	26000.	76	22715	No
308	GOM_NL__2PRFIN20060704_230814_000000402049_00116_22715_9693.N1	04-JUL-2006 23:08:14	Tw_i_and_stray	39.500	40	The Sco	1.8590	7100.0	79	22715	No
309	GOM_NL__2PRFIN20060704_230954_000000422049_00116_22715_9694.N1	04-JUL-2006 23:09:54	Tw_i_and_stray	41.500	25	35Lam Sco	1.6200	28000.	83	22715	No
310	GOM_NL__2PRFIN20060704_231120_000000502049_00116_22715_9695.N1	04-JUL-2006 23:11:20	Bright	49.500	116	19Del Sgr	2.7000	4100.0	99	22715	No
311	GOM_NL__2PRFIN20060704_231604_000000362049_00116_22715_9696.N1	04-JUL-2006 23:16:04	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	22715	No
312	GOM_NL__2PRFIN20060704_231751_000000362049_00116_22715_9697.N1	04-JUL-2006 23:17:51	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	22715	No
313	GOM_NL__2PRFIN20060704_232134_000000362049_00116_22715_9698.N1	04-JUL-2006 23:21:34	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	22715	No
314	GOM_NL__2PRFIN20060704_232353_000000362049_00116_22715_9699.N1	04-JUL-2006 23:23:53	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	22715	No
315	GOM_NL__2PRFIN20060704_232645_000000362049_00116_22715_9700.N1	04-JUL-2006 23:26:45	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	22715	No
316	GOM_NL__2PRFIN20060704_232926_000000342049_00116_22715_9701.N1	04-JUL-2006 23:29:26	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	22715	No
317	GOM_NL__2PRFIN20060704_233514_000000472049_00116_22715_9702.N1	04-JUL-2006 23:35:14	Bright	46.500	130	23Bet Dra	2.7990	5800.0	93	22715	No
318	GOM_NL__2PRFIN20060704_233748_000000372049_00116_22715_9703.N1	04-JUL-2006 23:37:48	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	22715	No
319	GOM_NL__2PRFIN20060704_234152_000000352049_00116_22715_9704.N1	04-JUL-2006 23:41:52	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	22715	No
320	GOM_NL__2PRFIN20060704_234557_000000362049_00116_22715_9705.N1	04-JUL-2006 23:45:57	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22715	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.

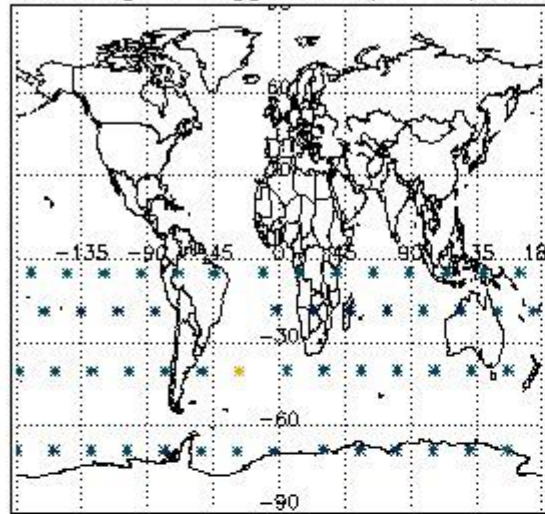
#### 3.1 Plot quality information per product (time dependant)



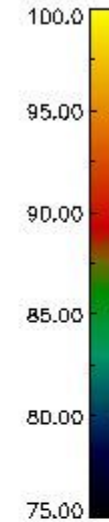
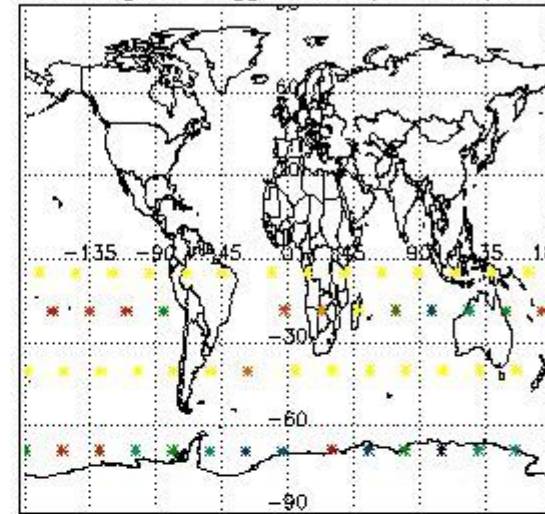
3.2 Plot quality information per product (world map)



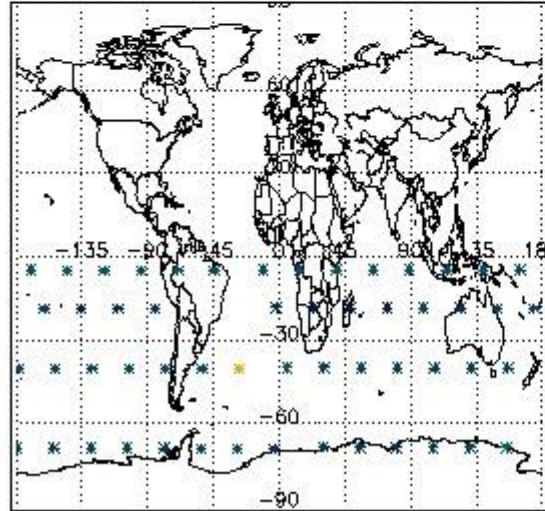
Percentage of flagged data per O3 profile



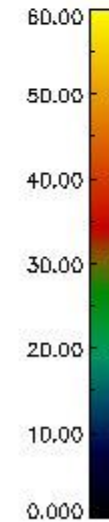
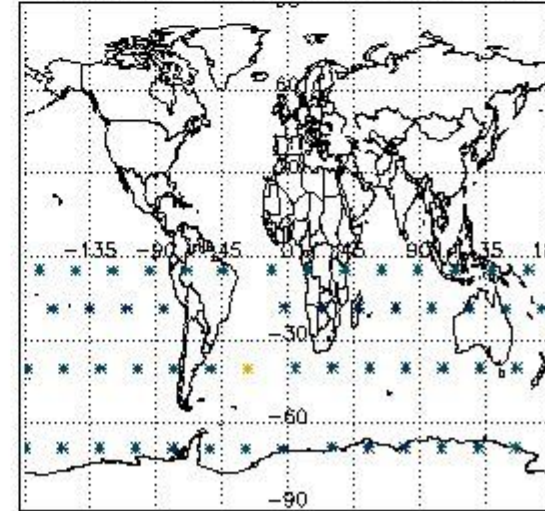
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

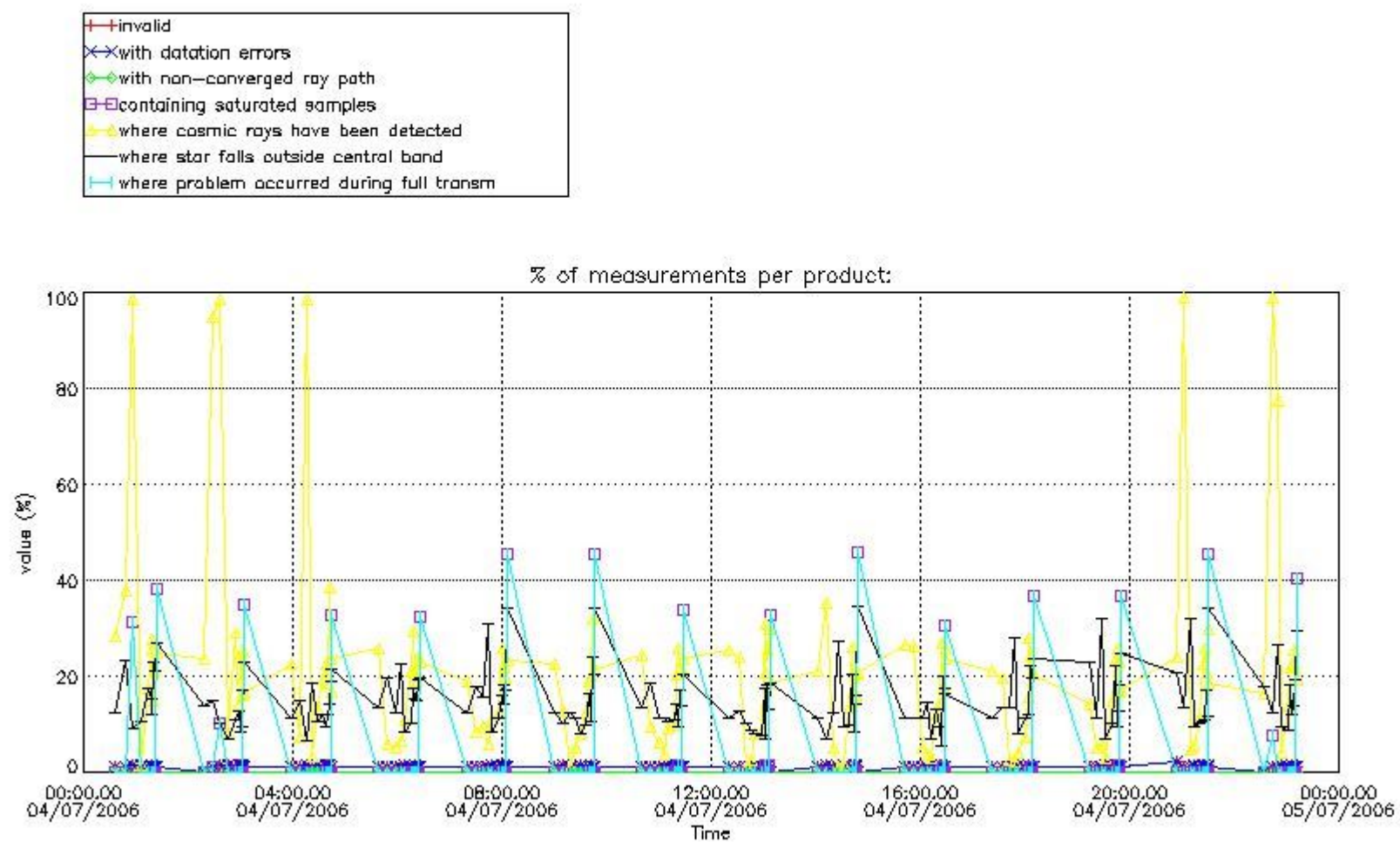


#### 4. Level 1 quality information per product

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.

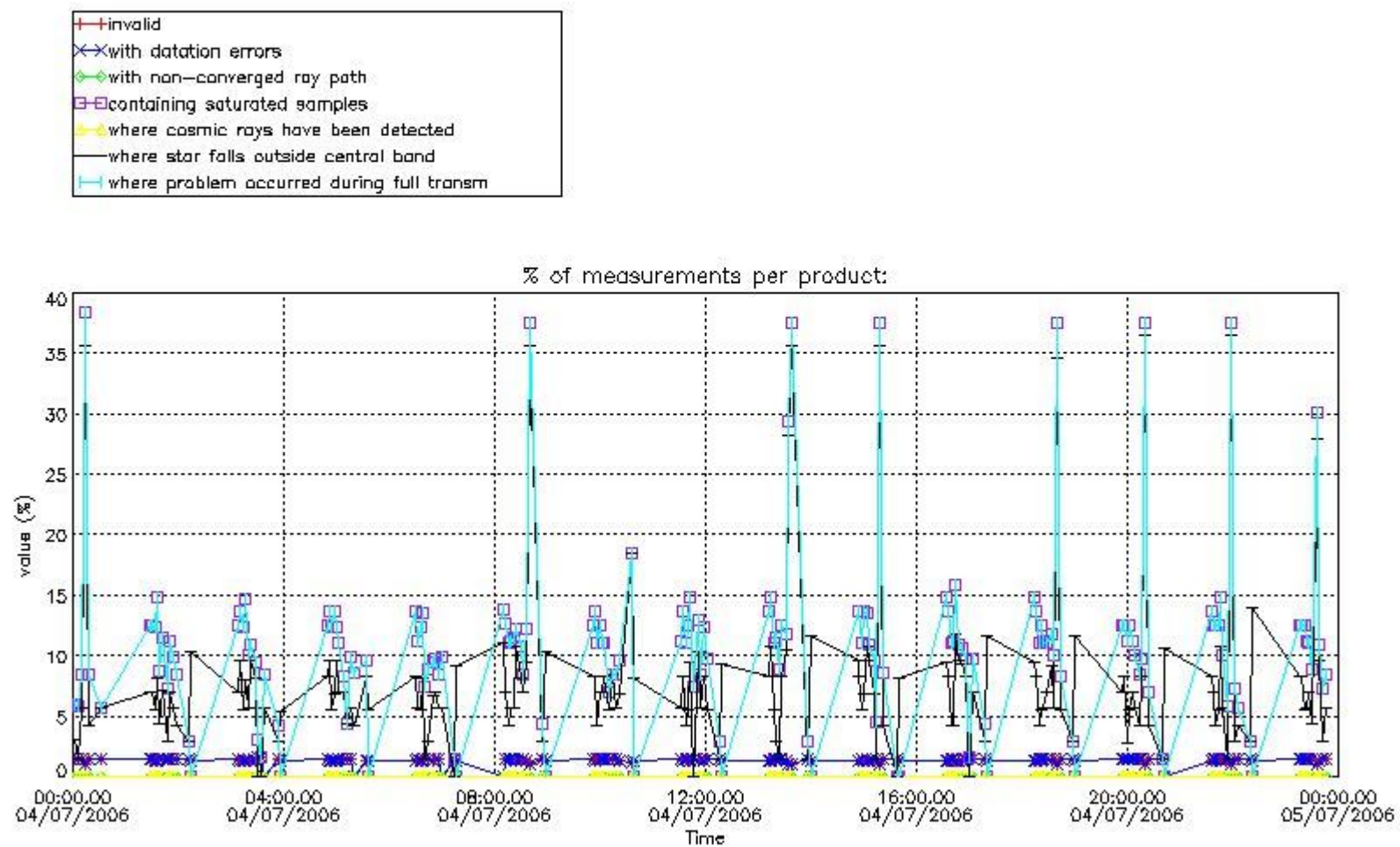
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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



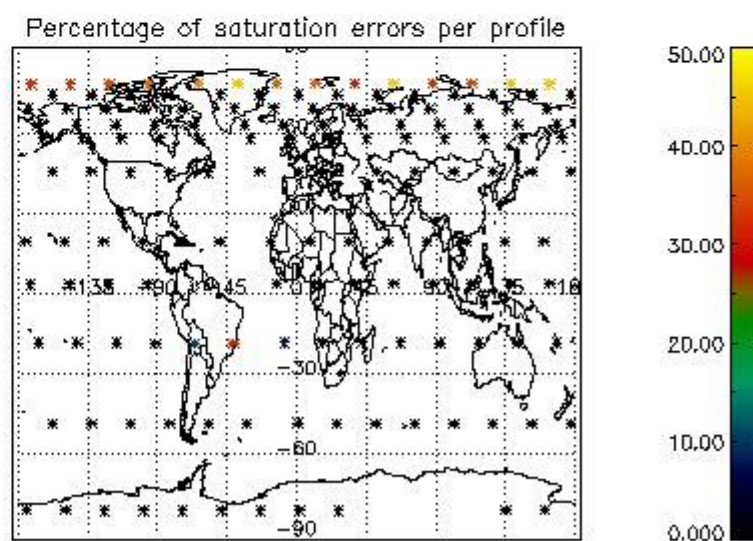
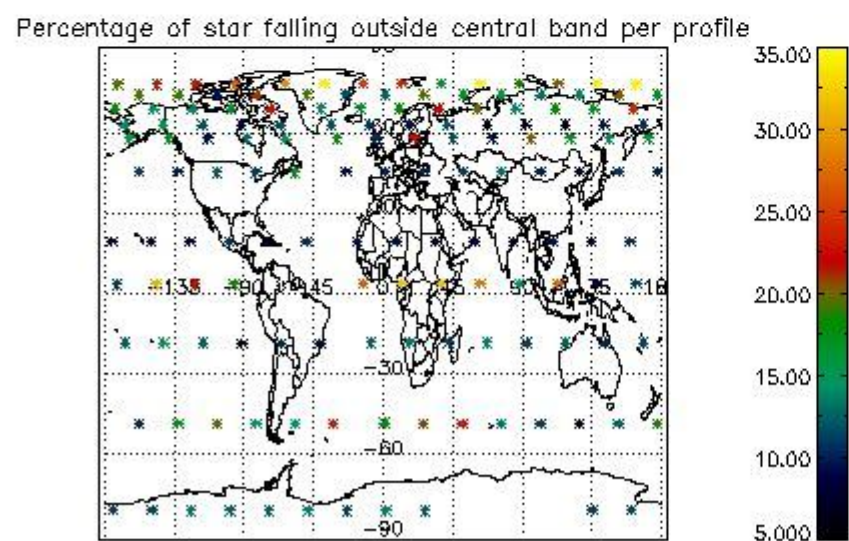
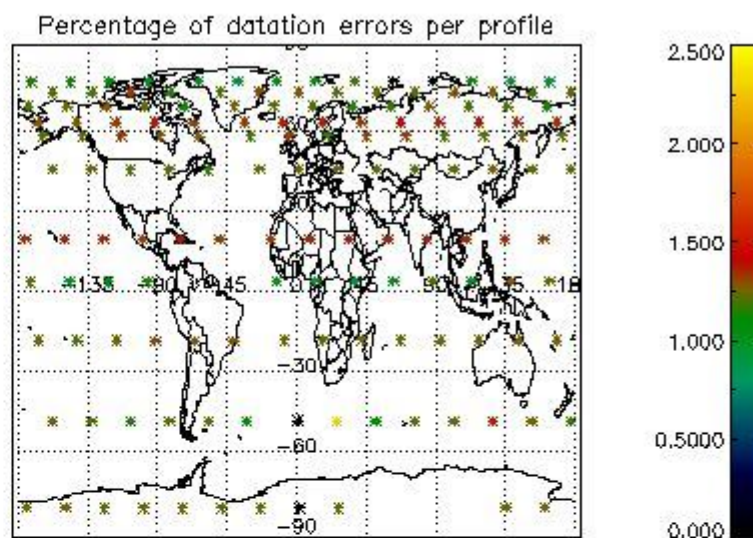
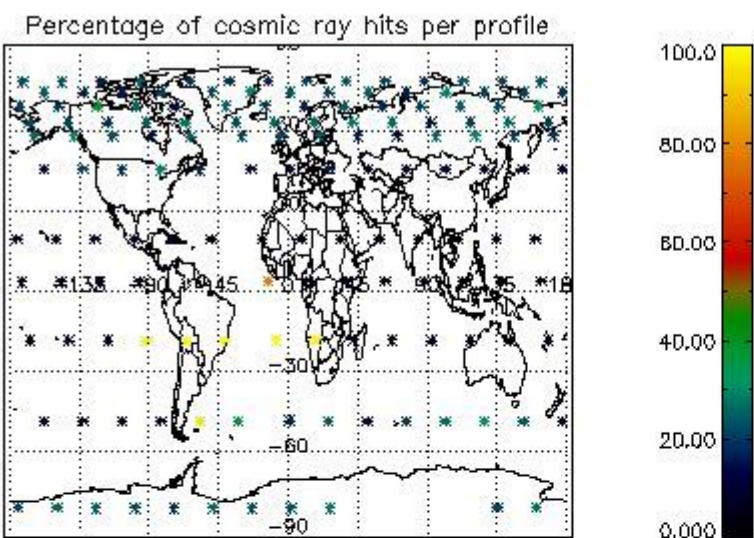
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes





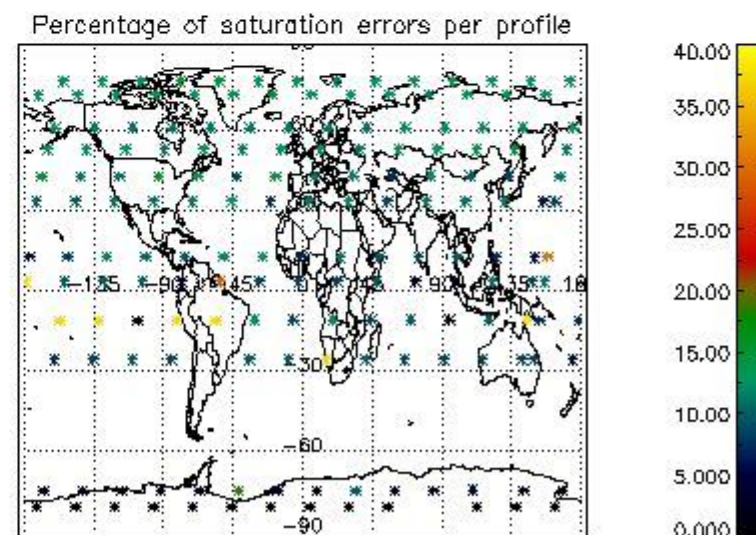
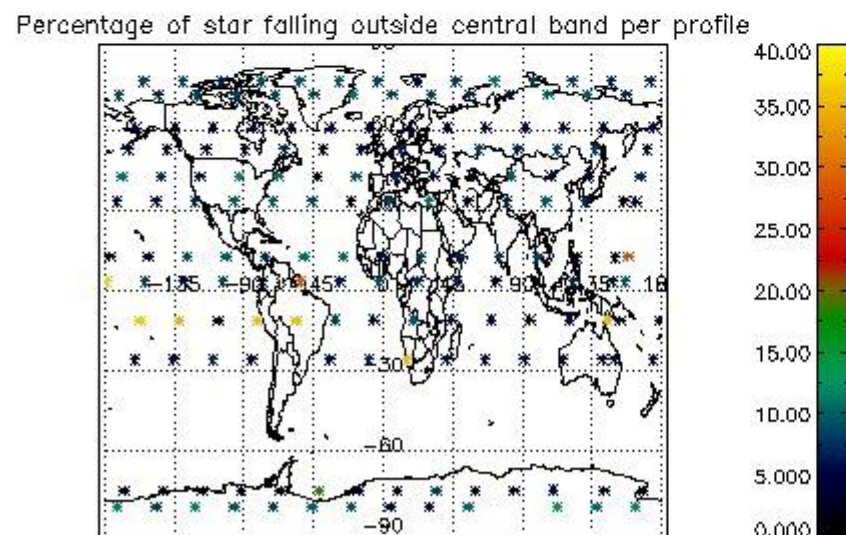
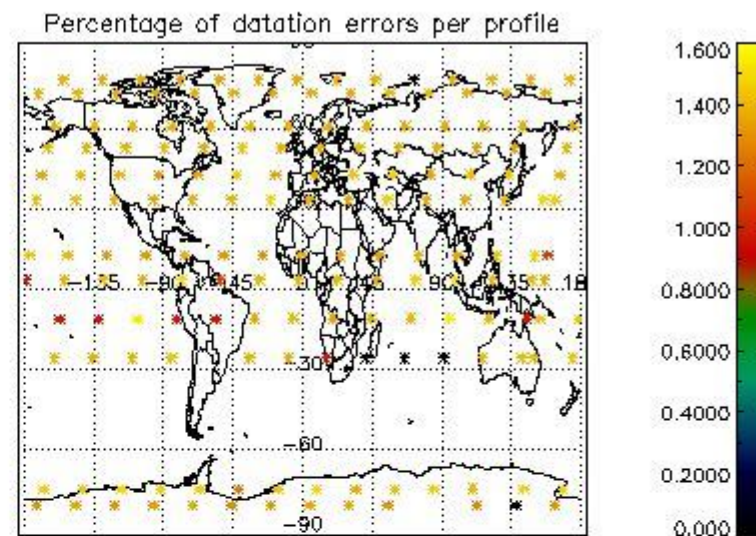
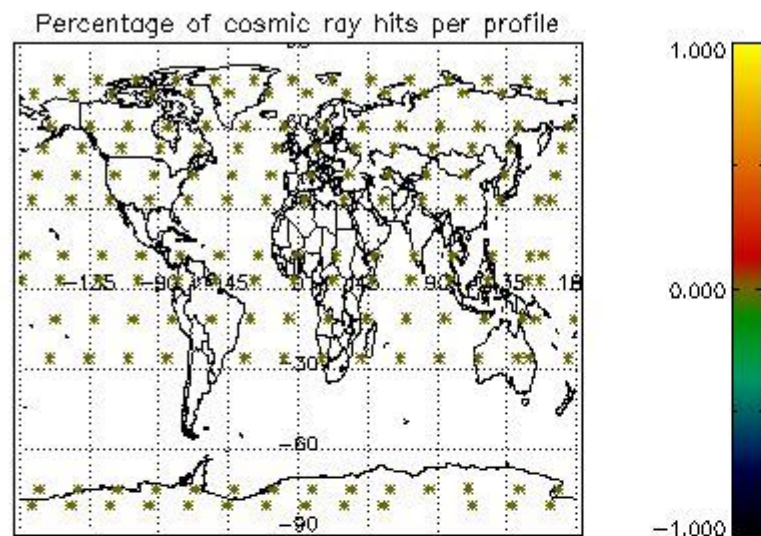
4.2 Plot quality information per product coming from level 1b processing (world map)

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

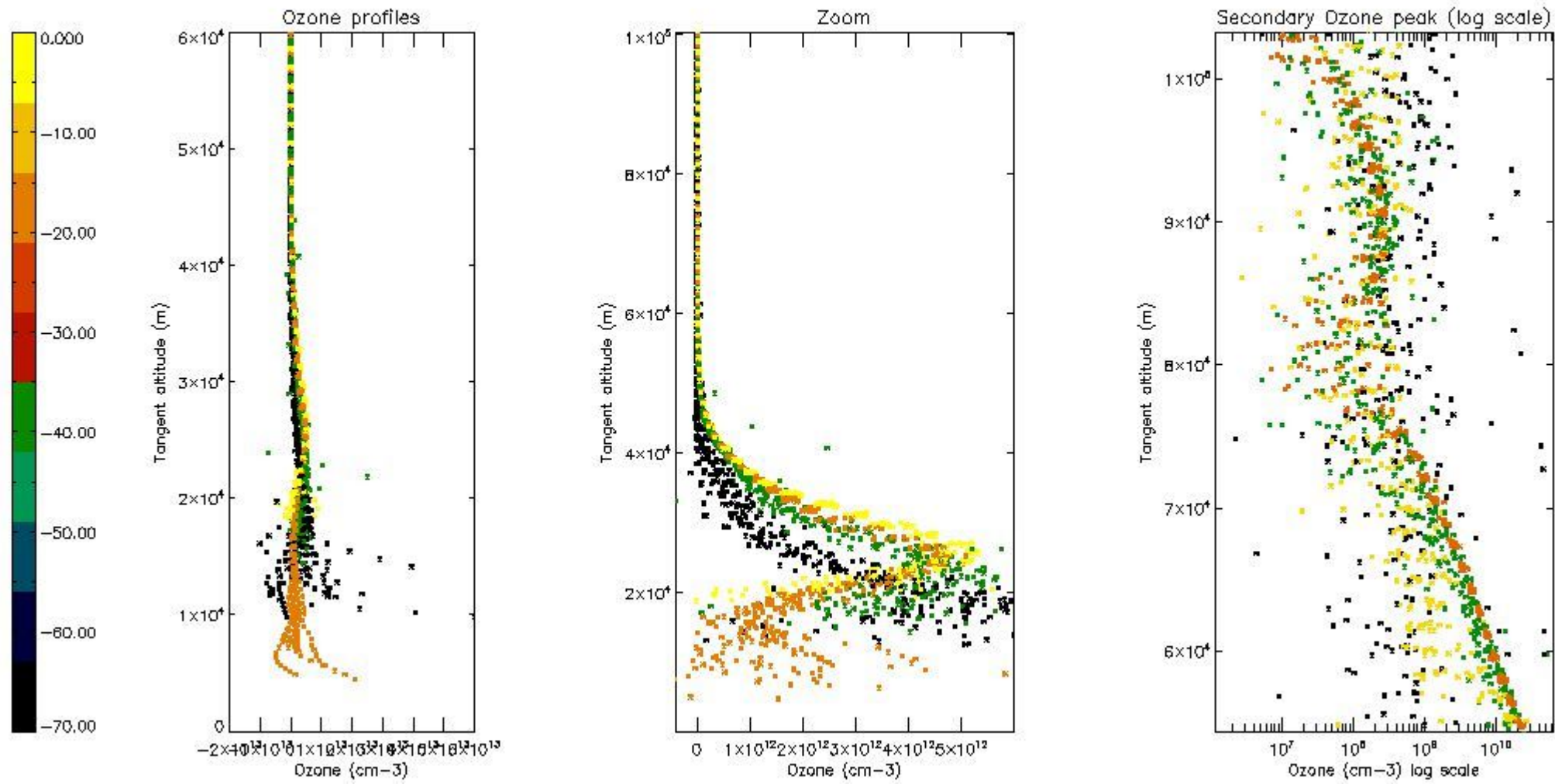
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	19
STD < 20	8

STD < 10	5
STD < 5	3

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

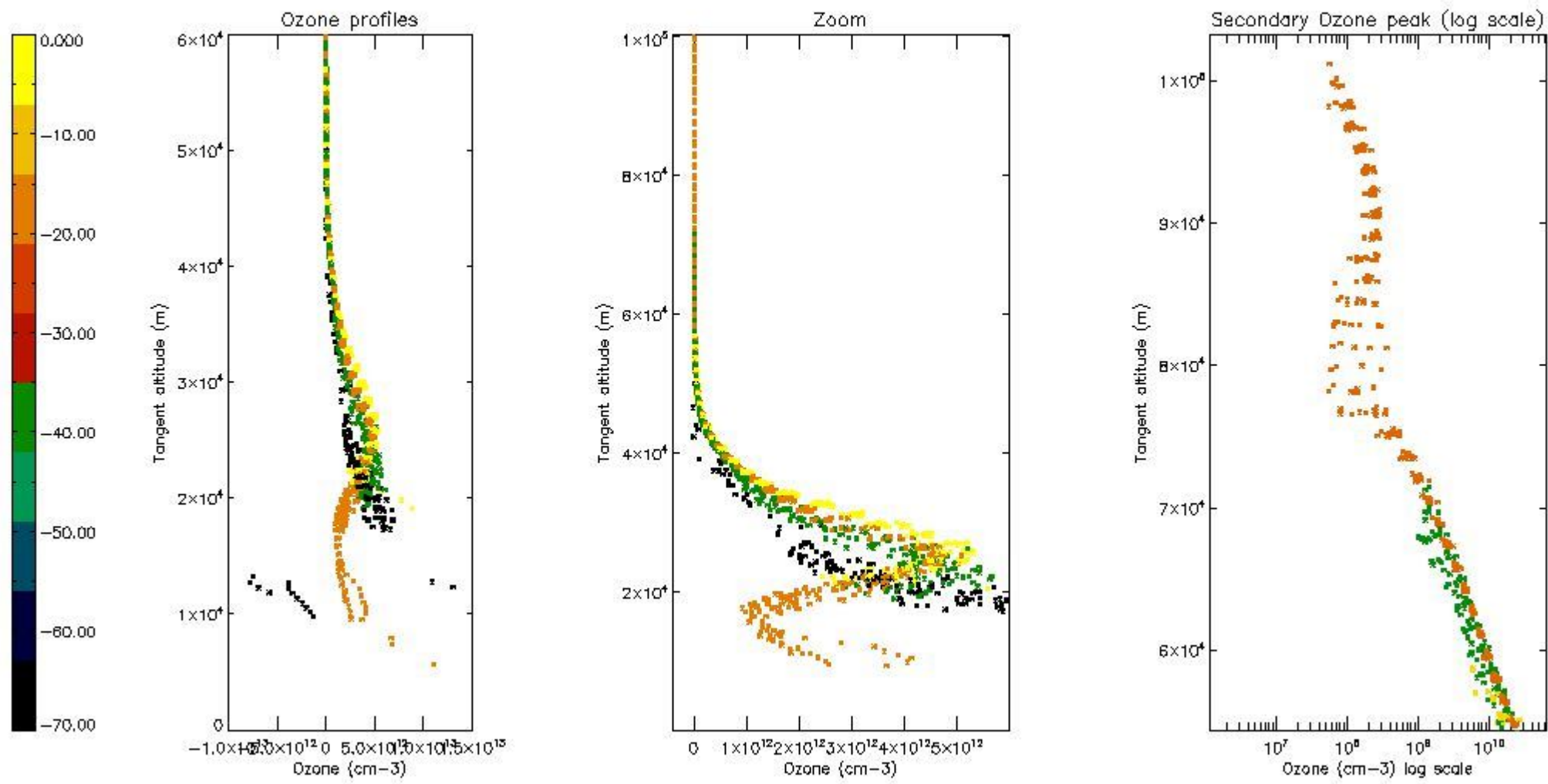
The colorbar represents the latitude.



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

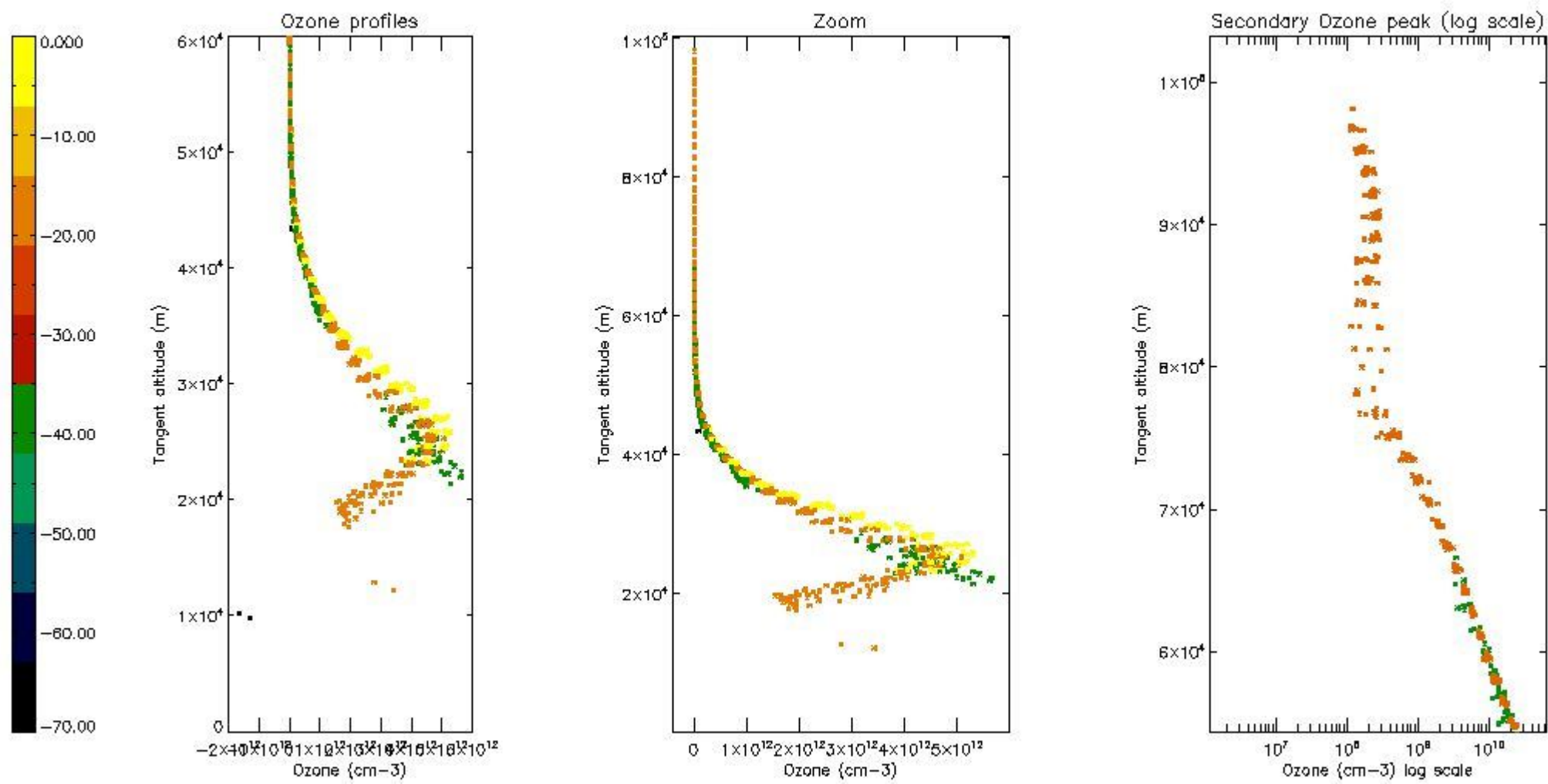
The colorbar represents the latitude.





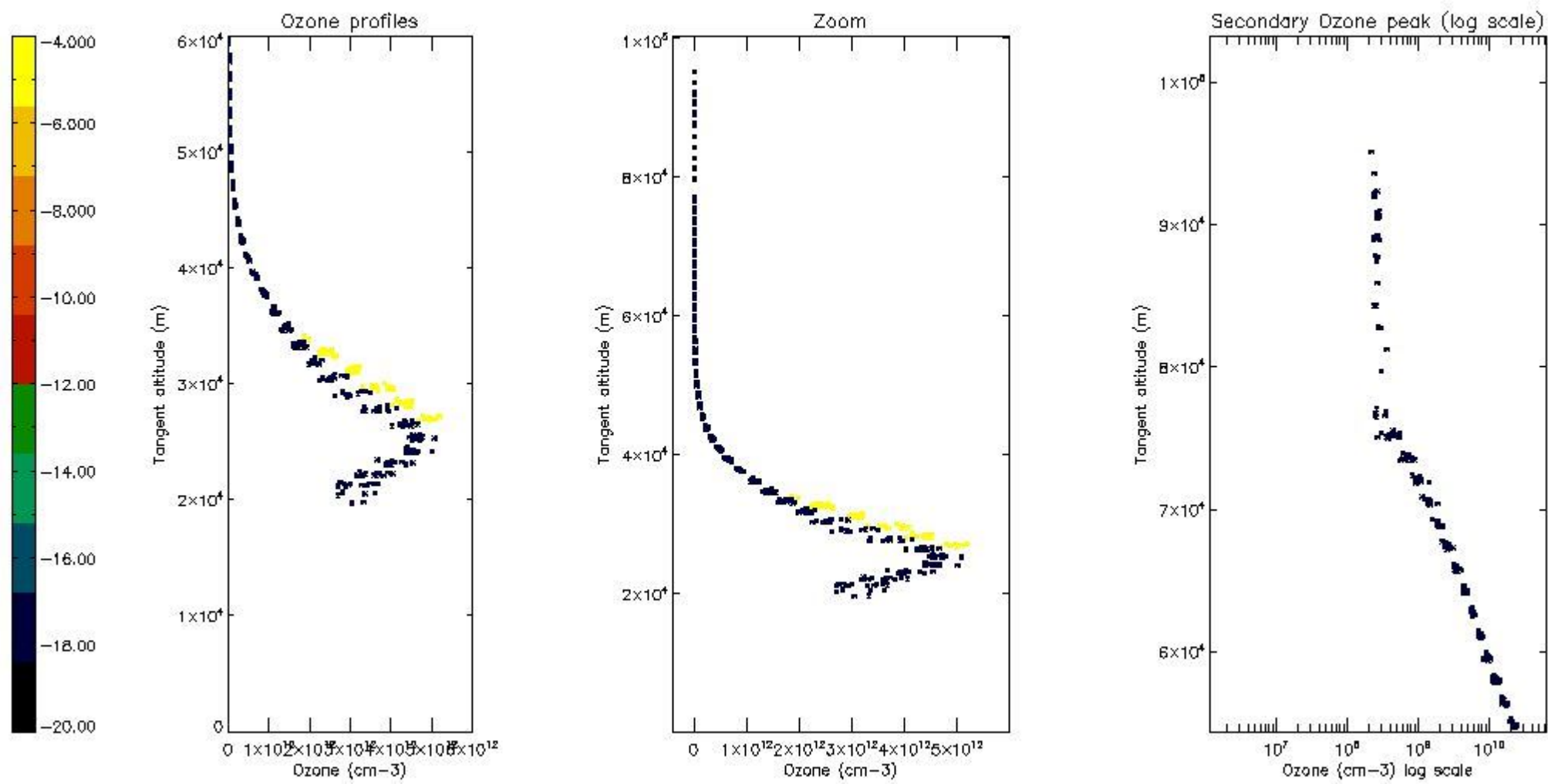
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



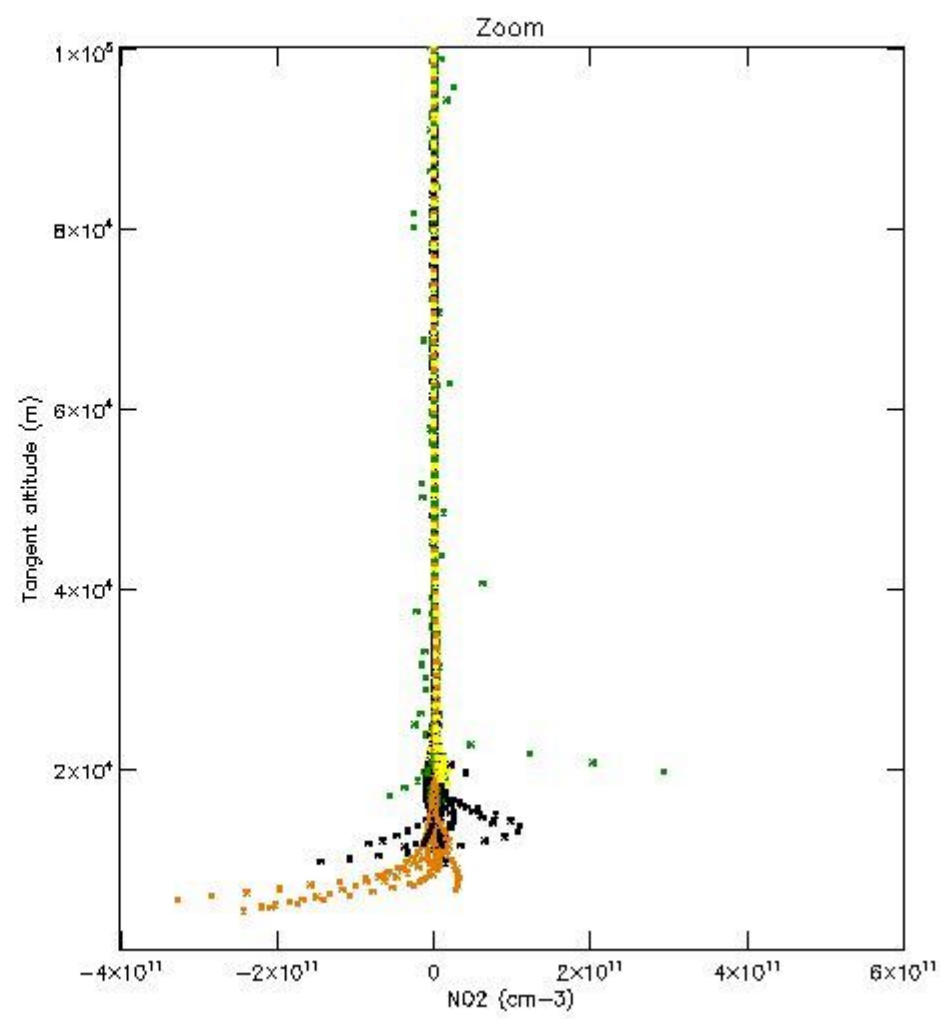
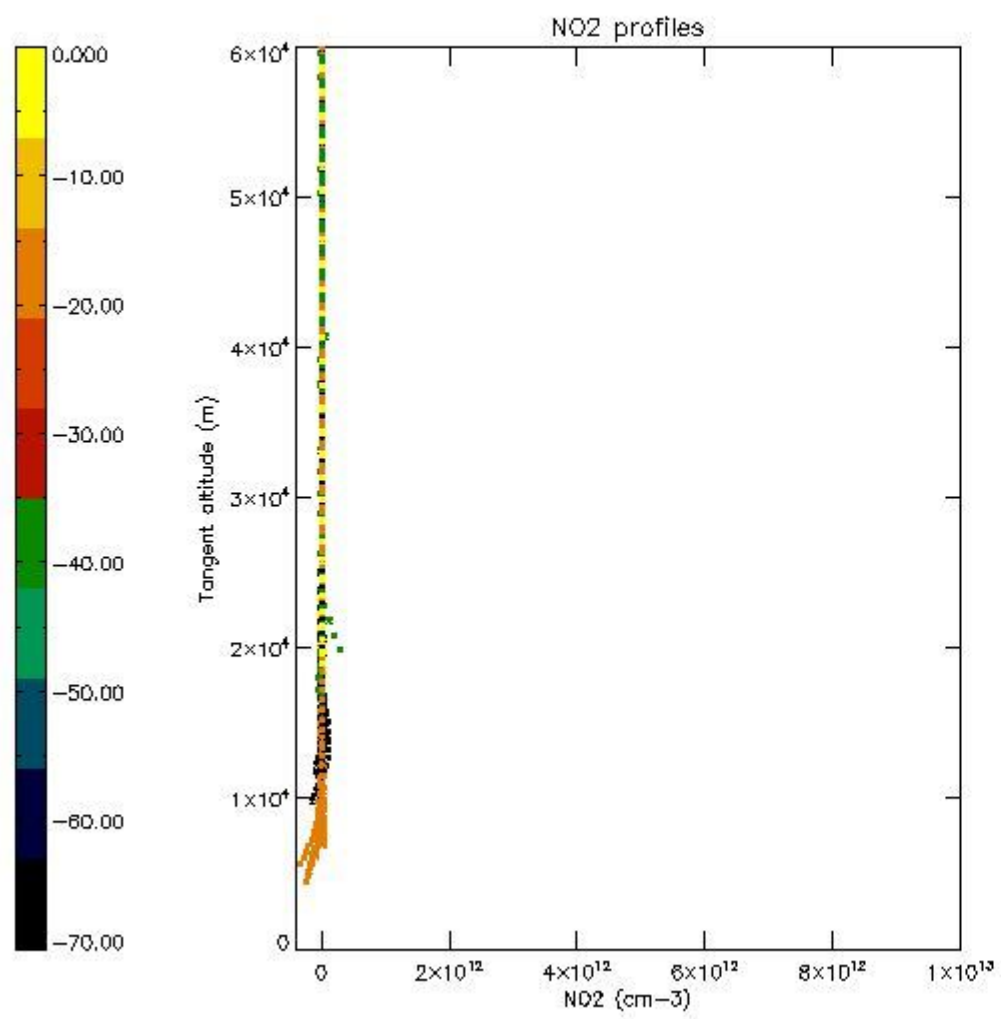
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



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

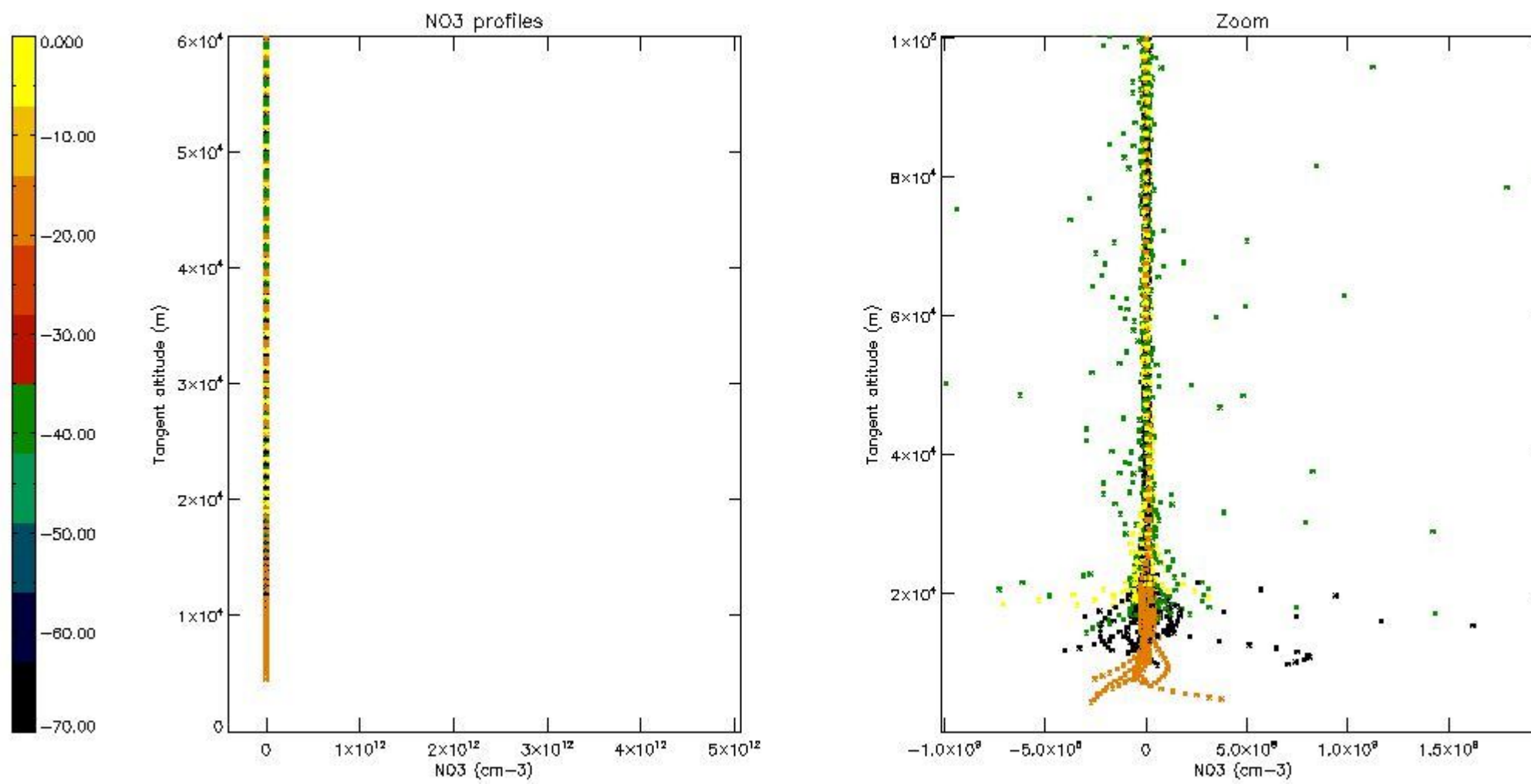
The colorbar represents the latitude.



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

The colorbar represents the latitude.

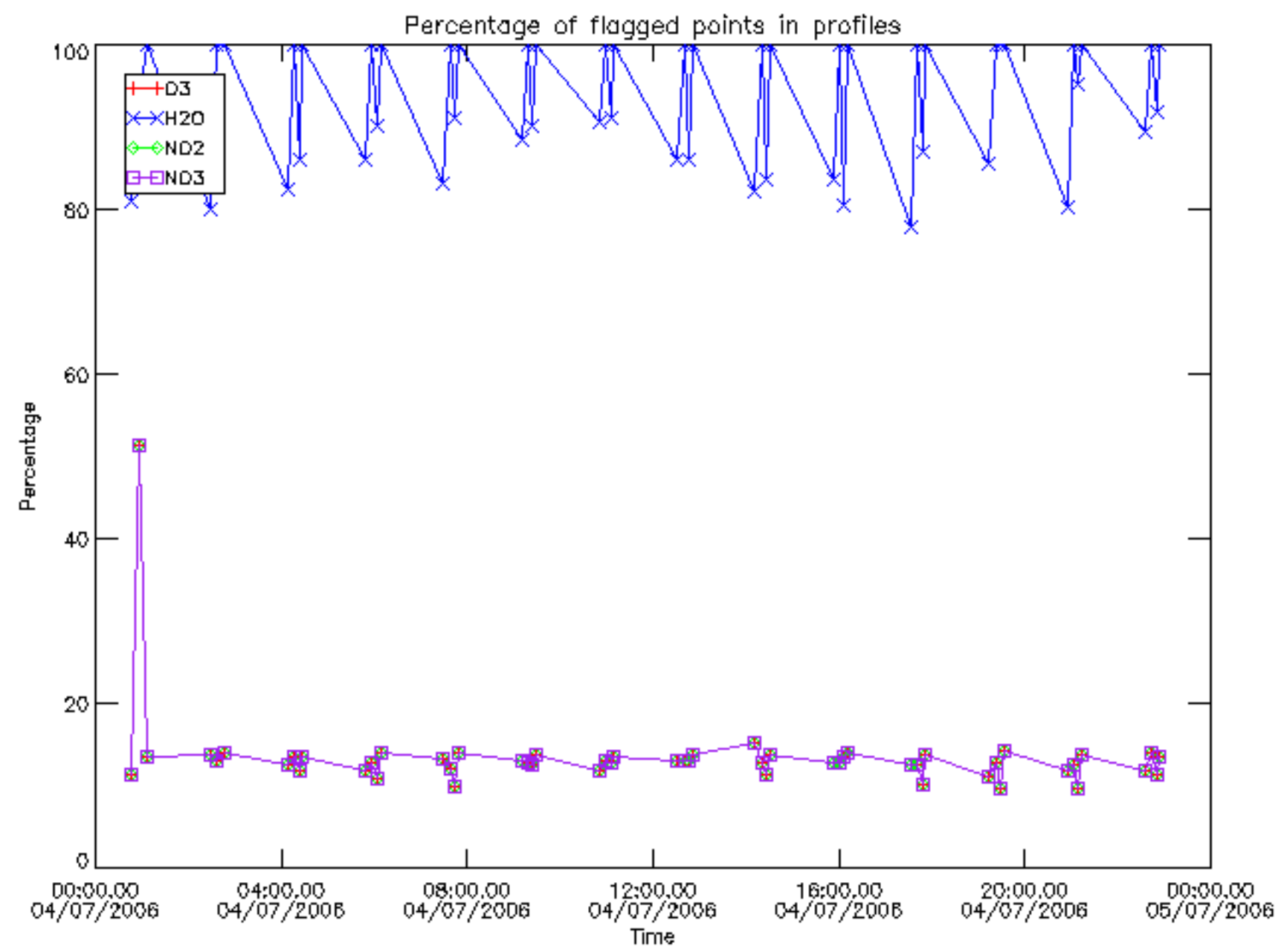




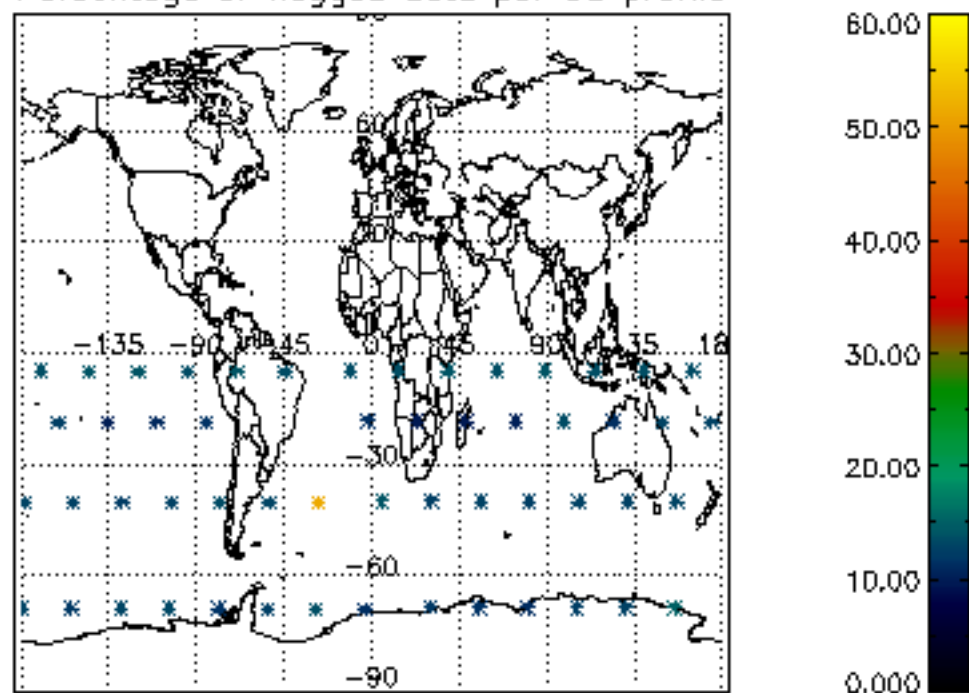
## 6. Auxiliary Data Files used for the production reported in section 2

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.

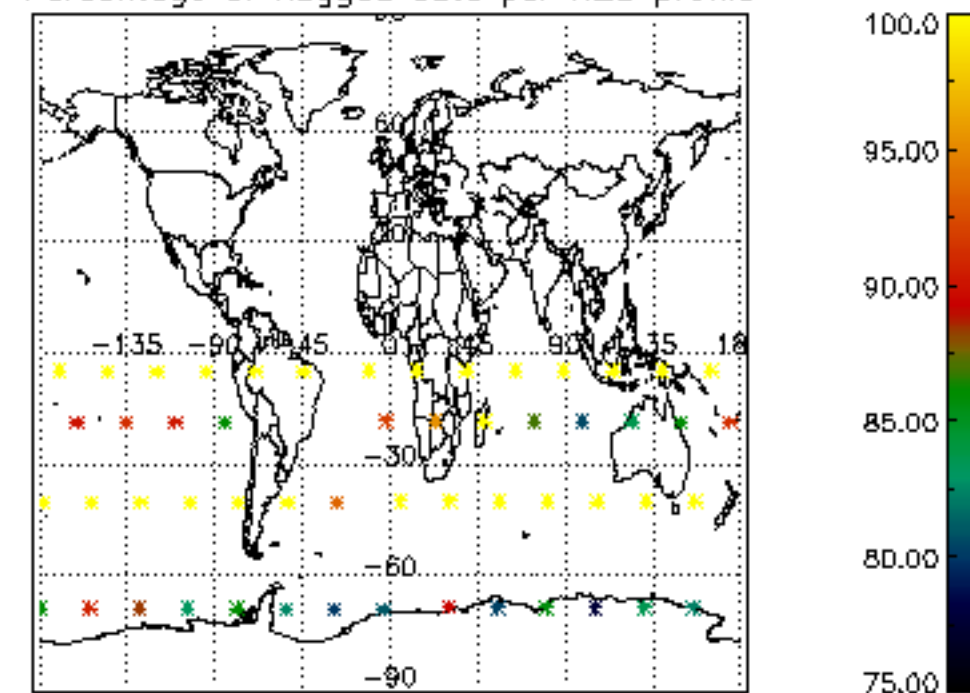
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	04-JUL-2006 00:01:01
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	04-JUL-2006 00:01:01
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	04-JUL-2006 00:01:01



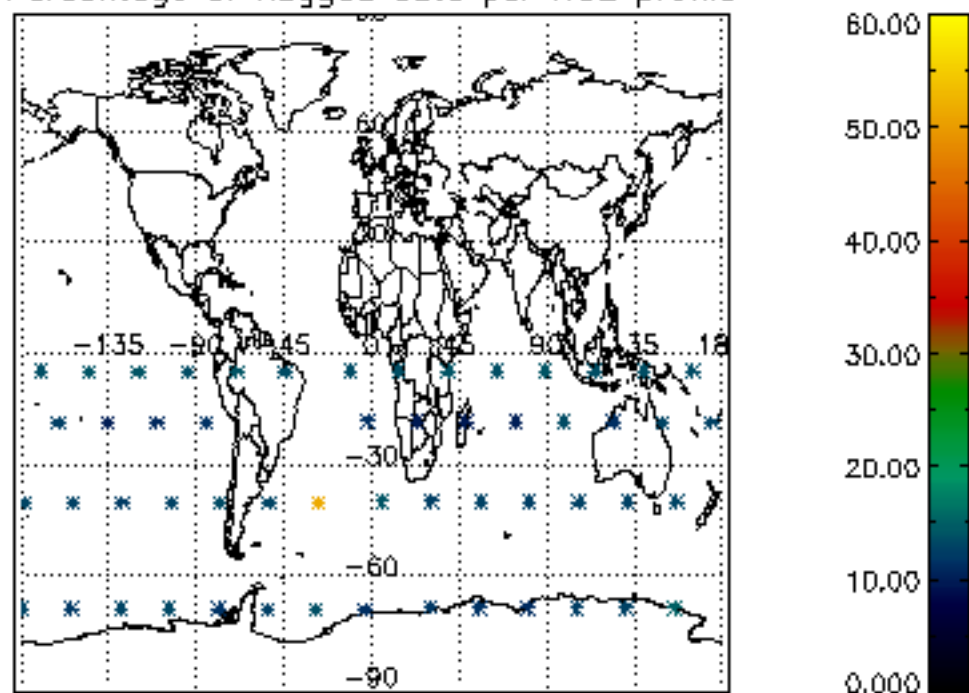
Percentage of flagged data per D3 profile



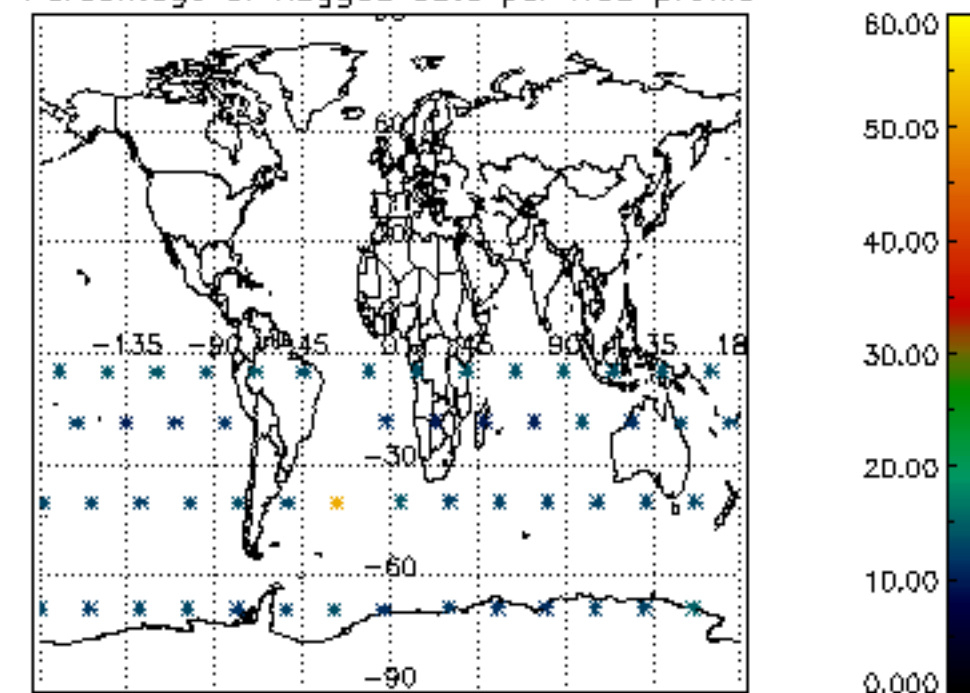
Percentage of flagged data per H2O profile

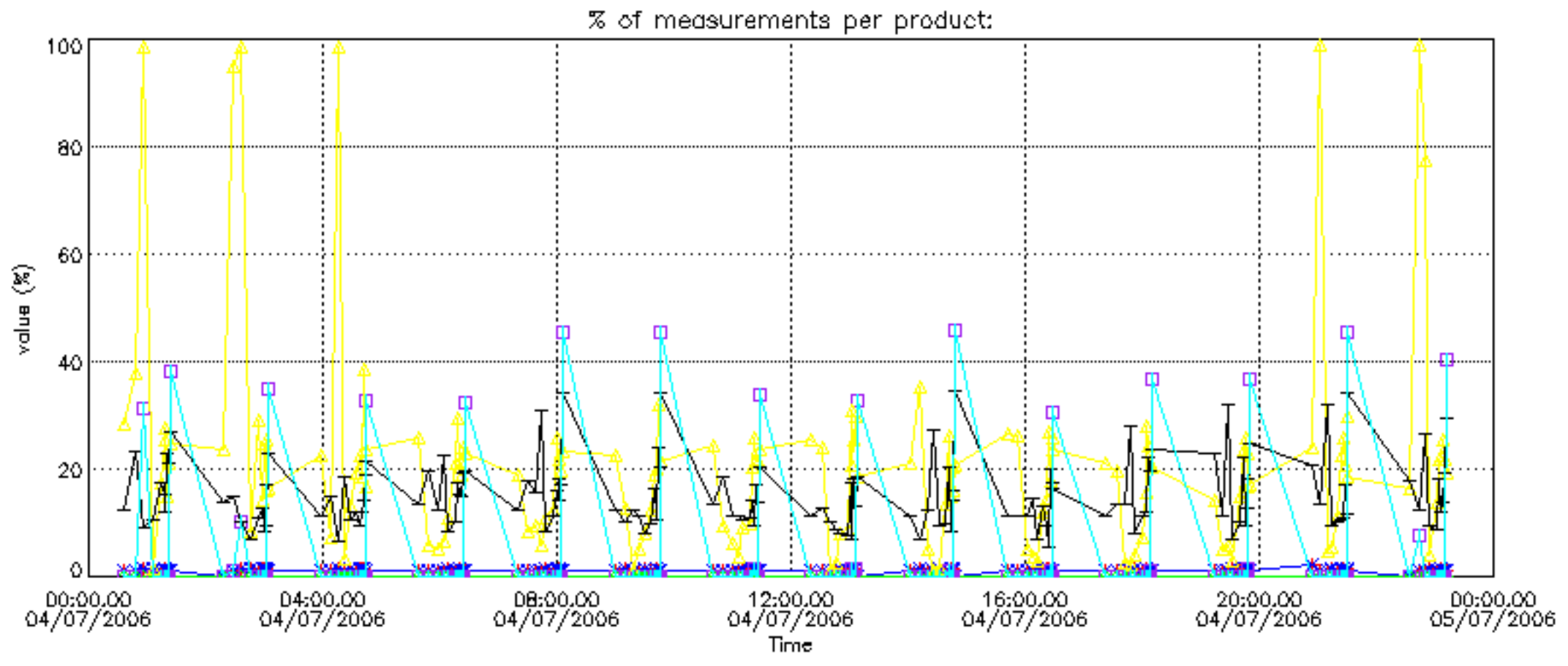


Percentage of flagged data per NO2 profile

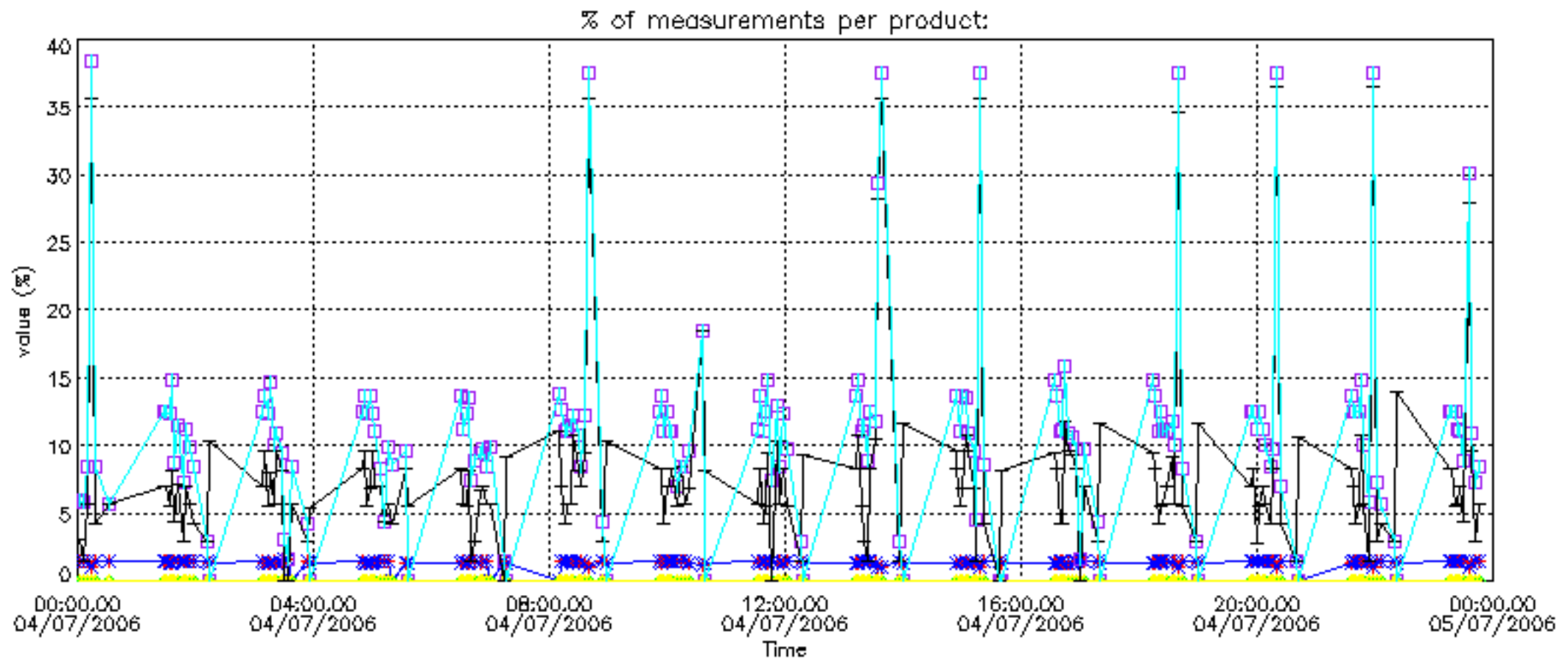


Percentage of flagged data per NO3 profile

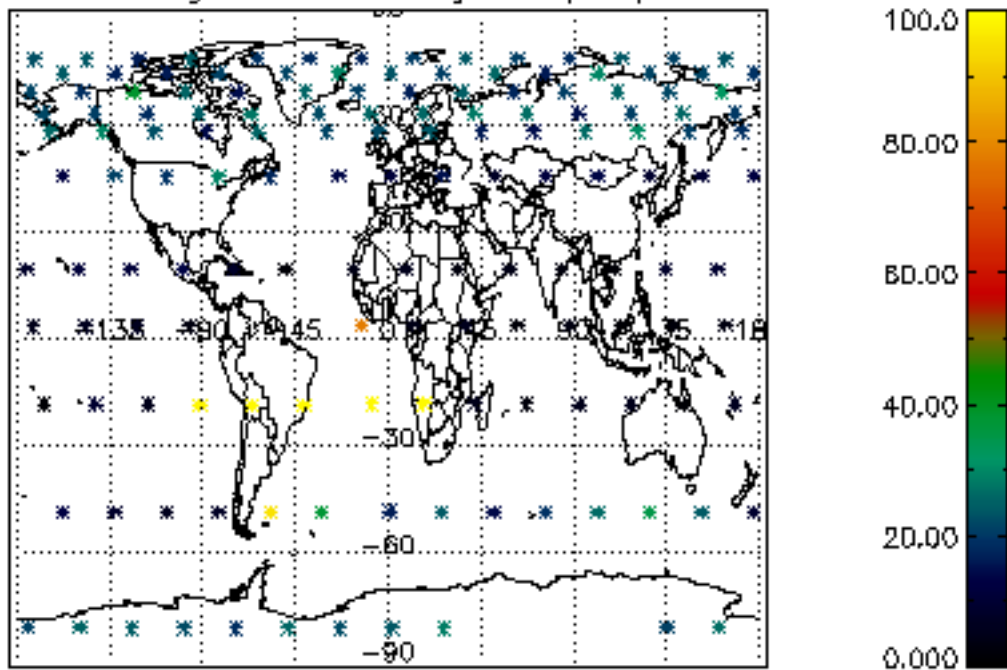




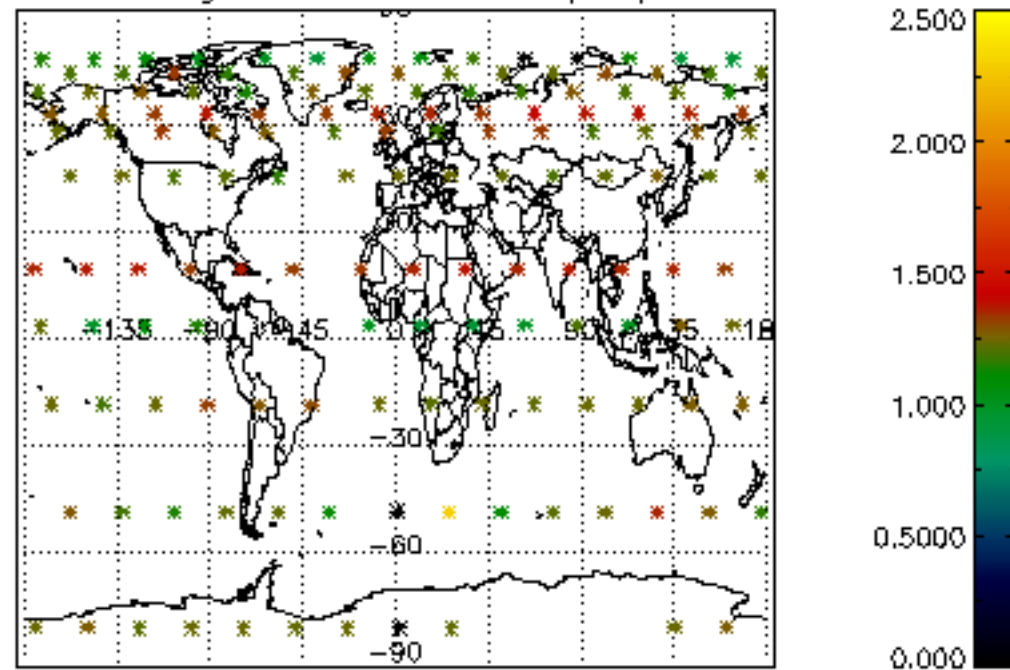




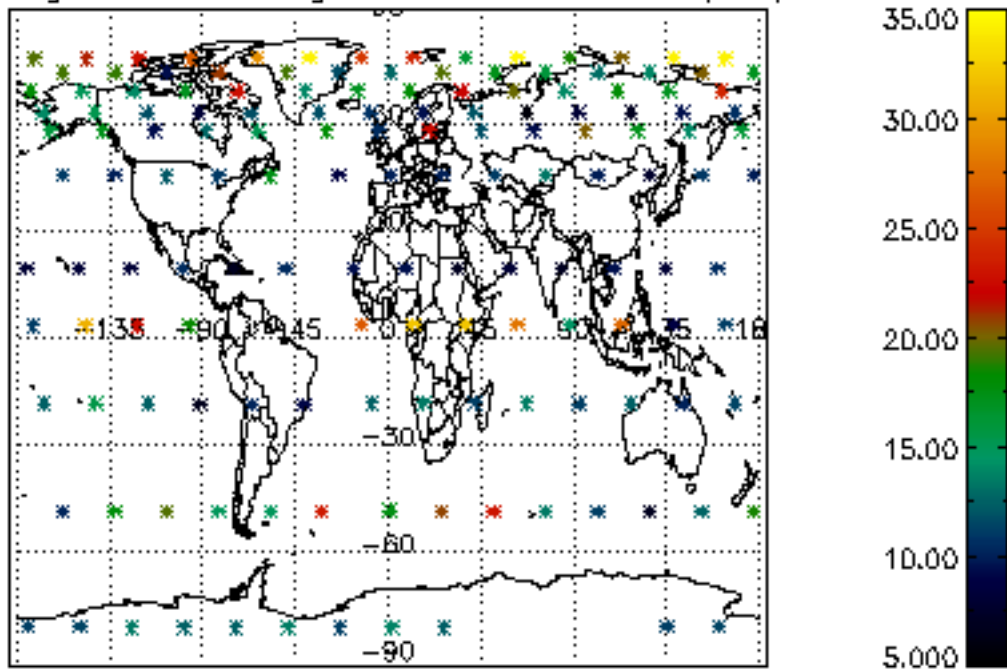
Percentage of cosmic ray hits per profile



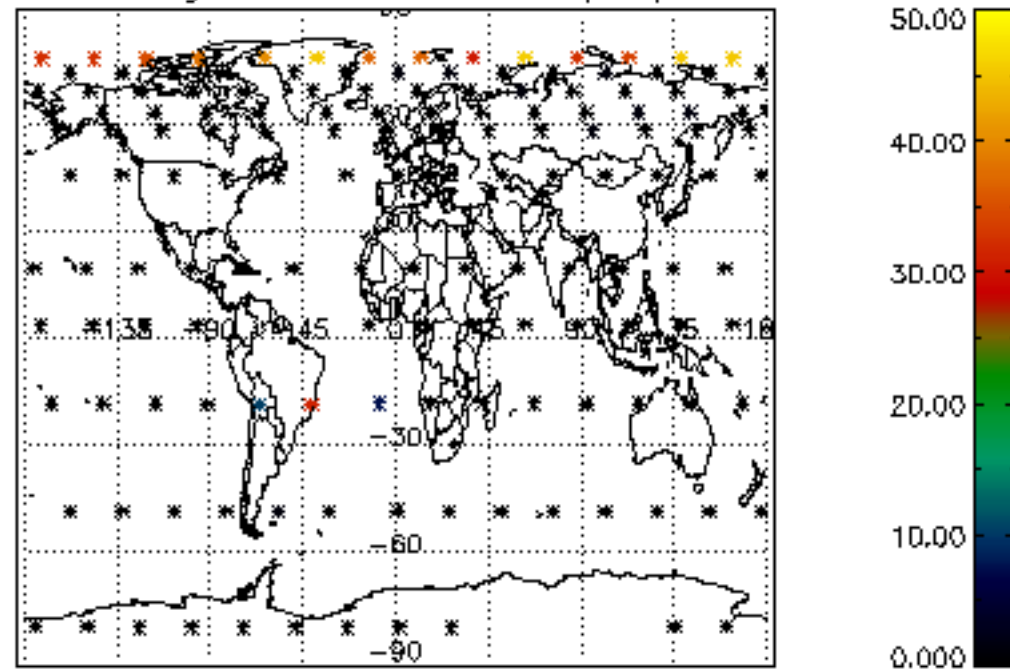
Percentage of datation errors per profile



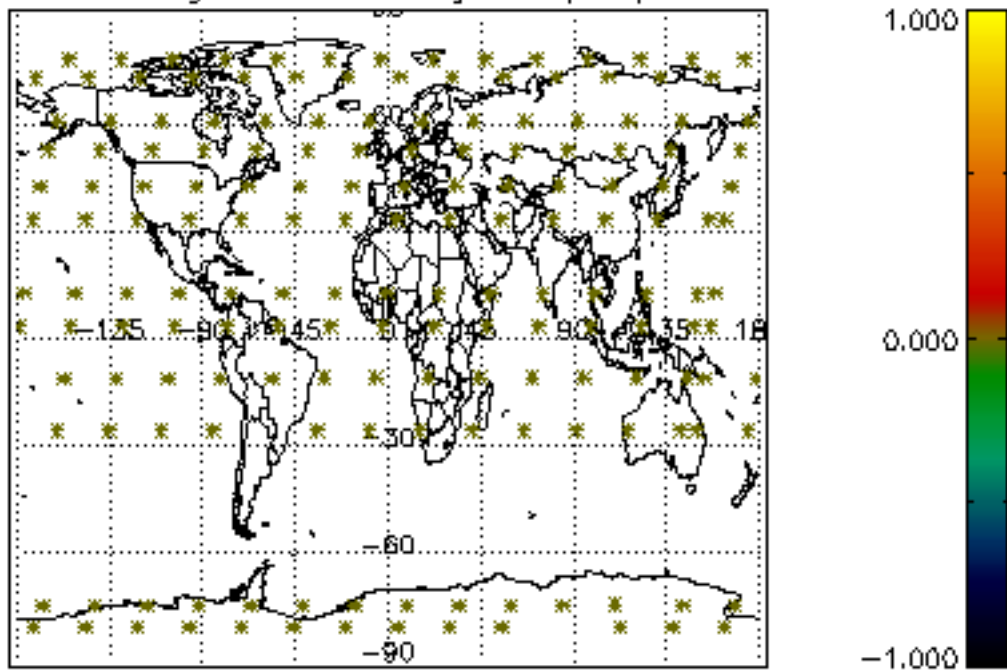
Percentage of star falling outside central band per profile



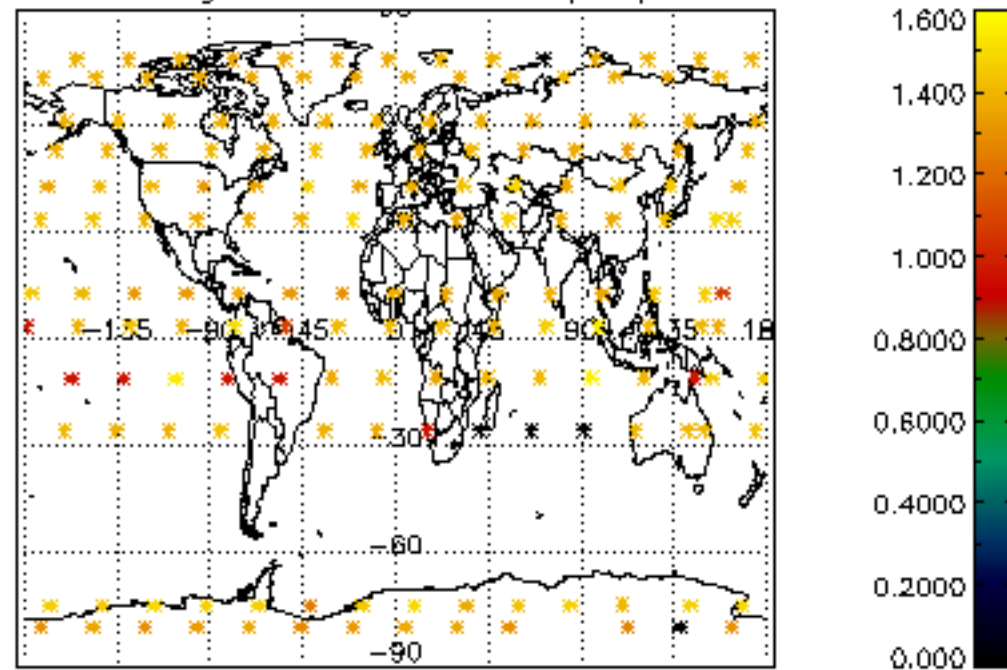
Percentage of saturation errors per profile



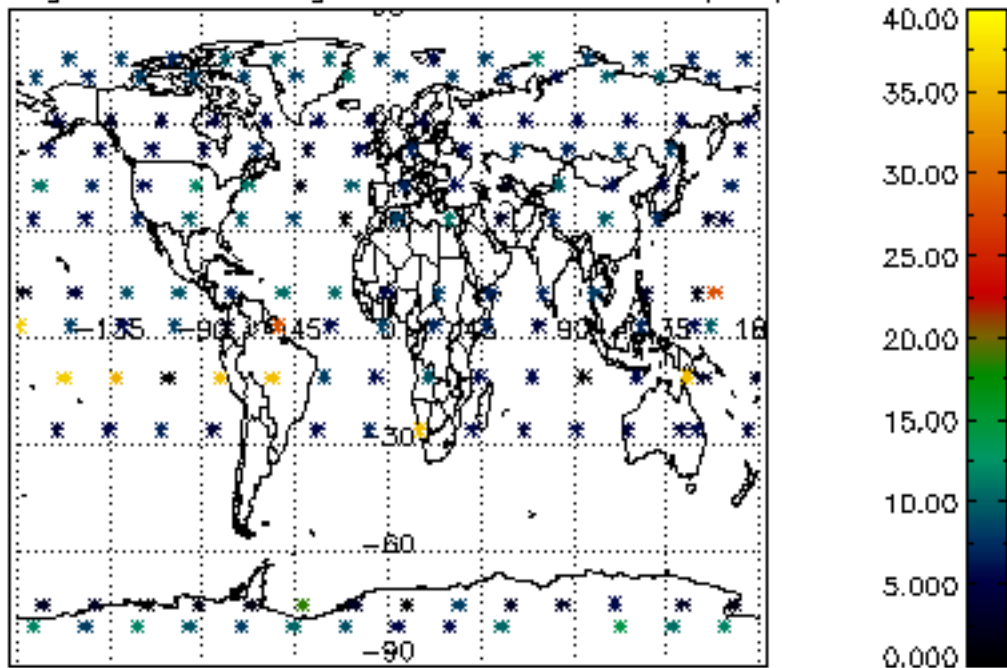
Percentage of cosmic ray hits per profile



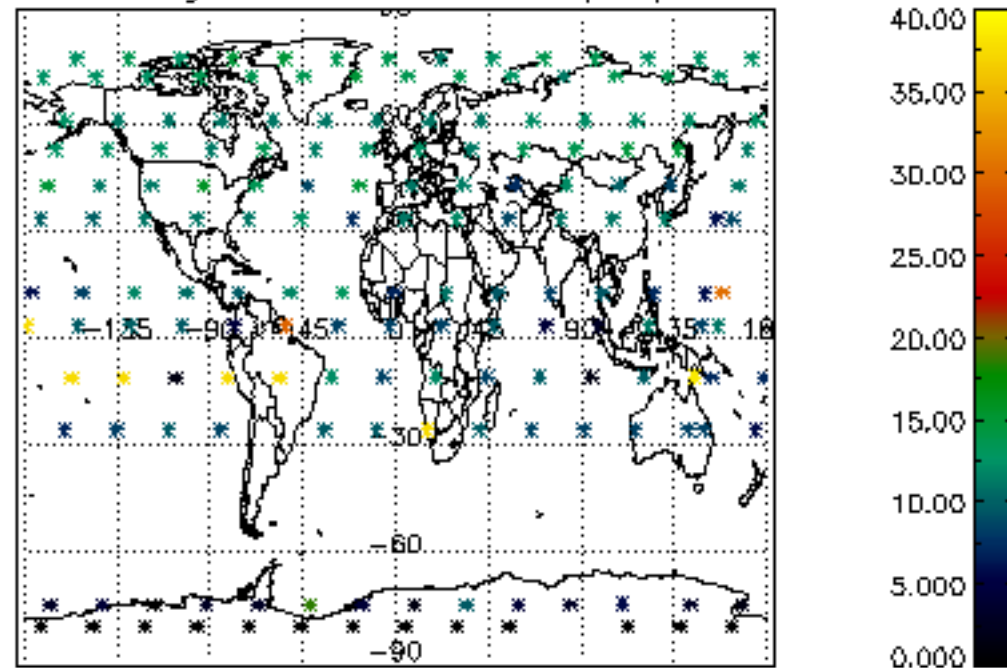
Percentage of datation errors per profile

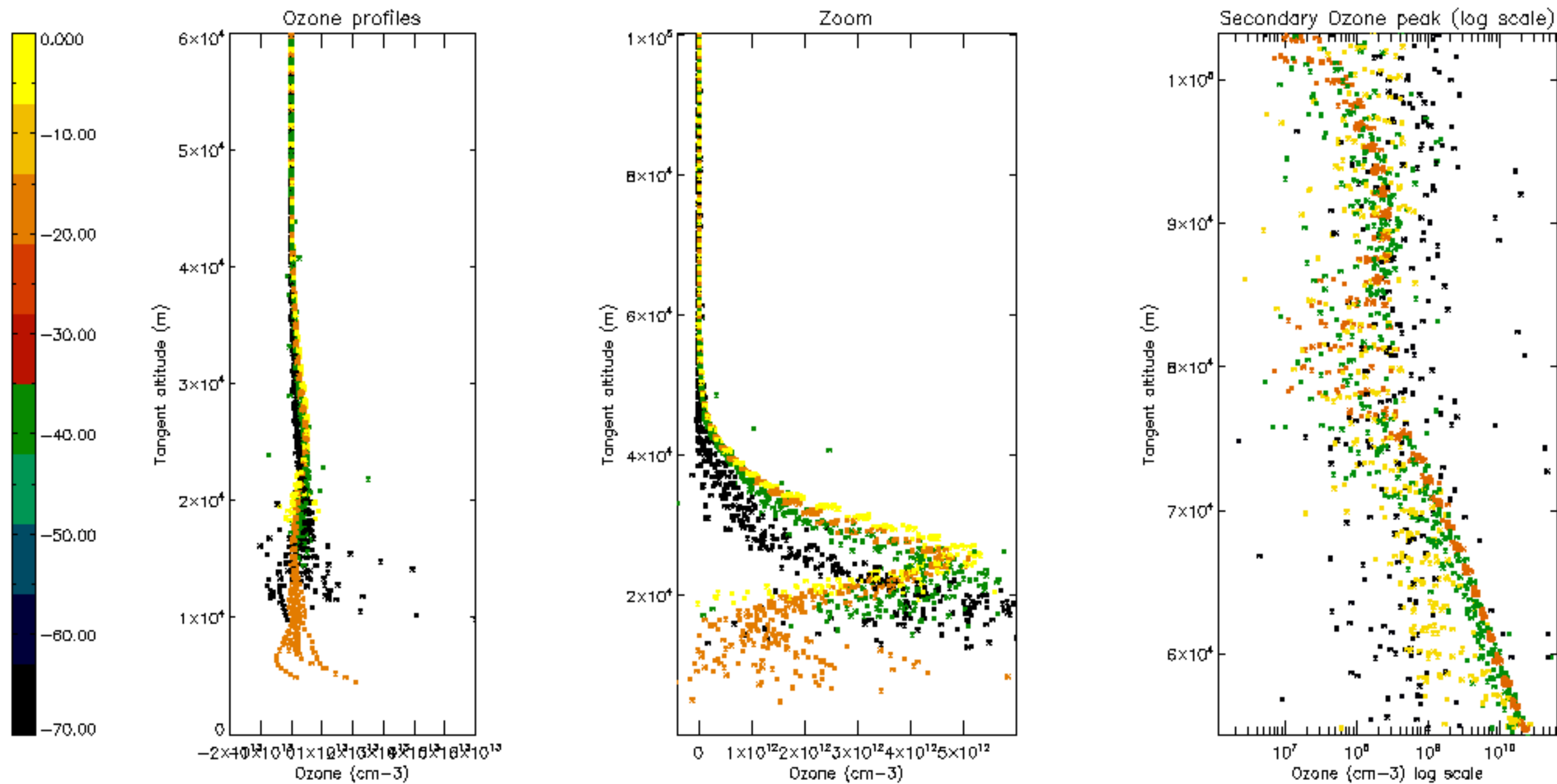


Percentage of star falling outside central band per profile

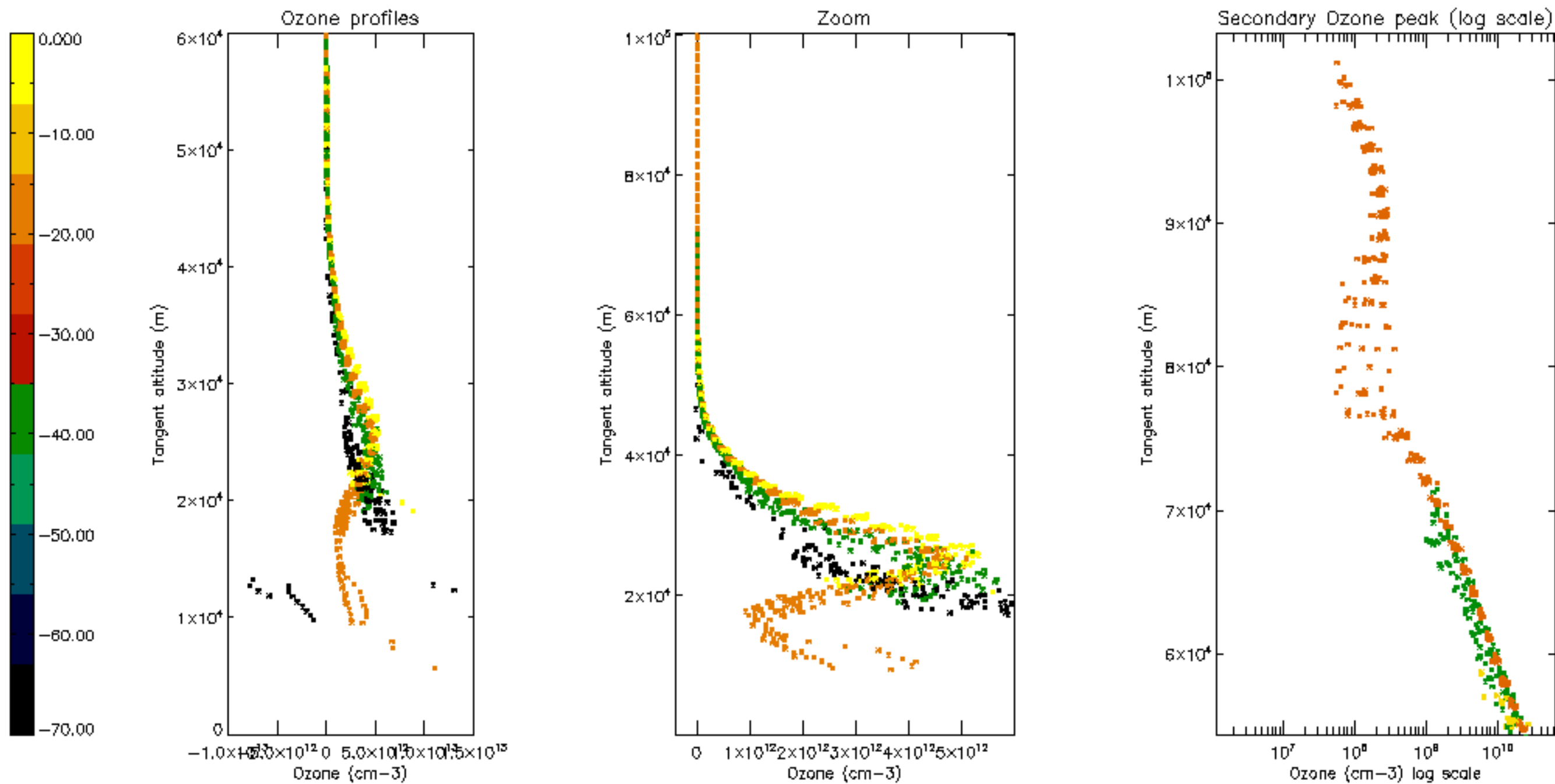


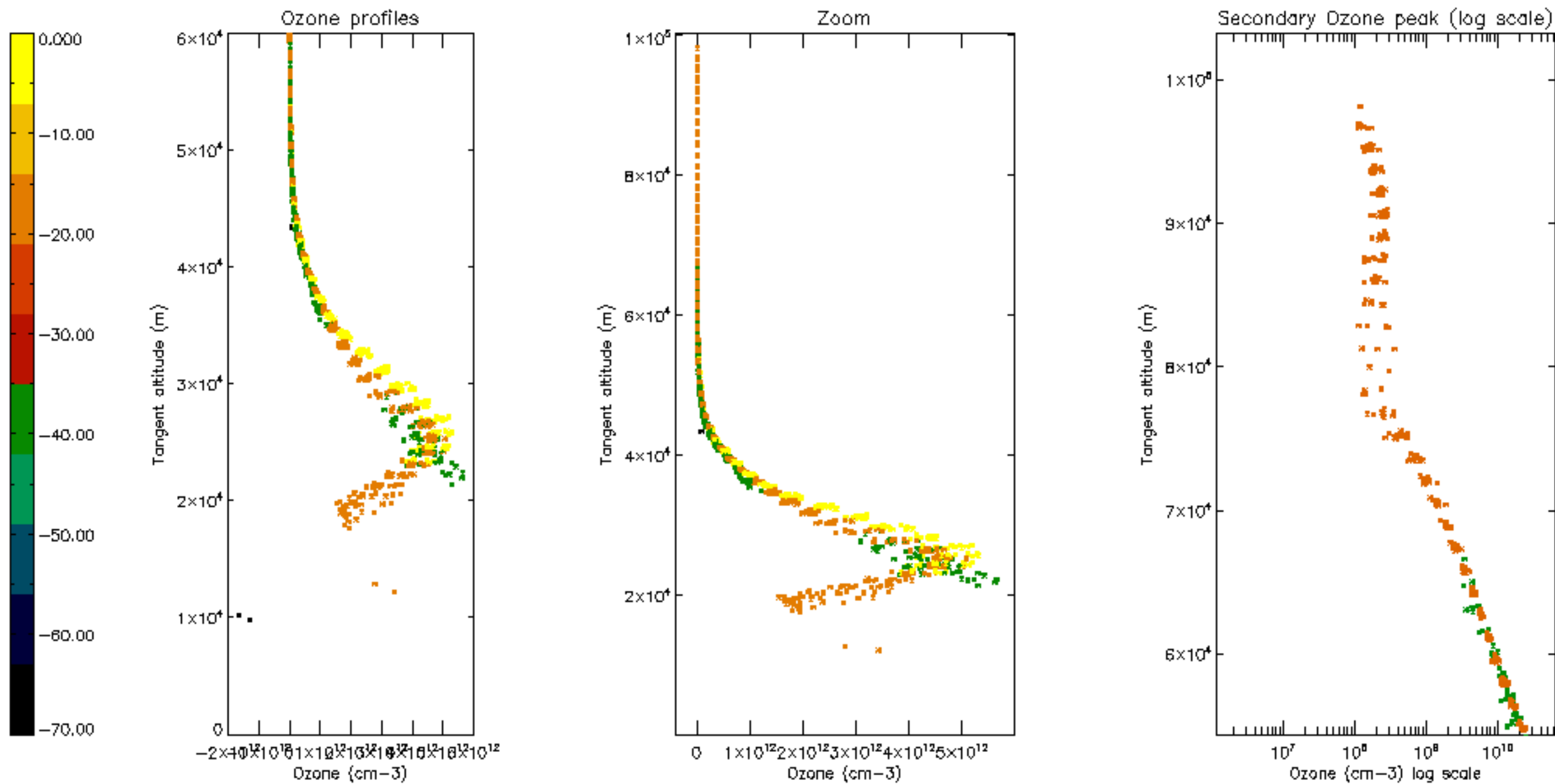
Percentage of saturation errors per profile

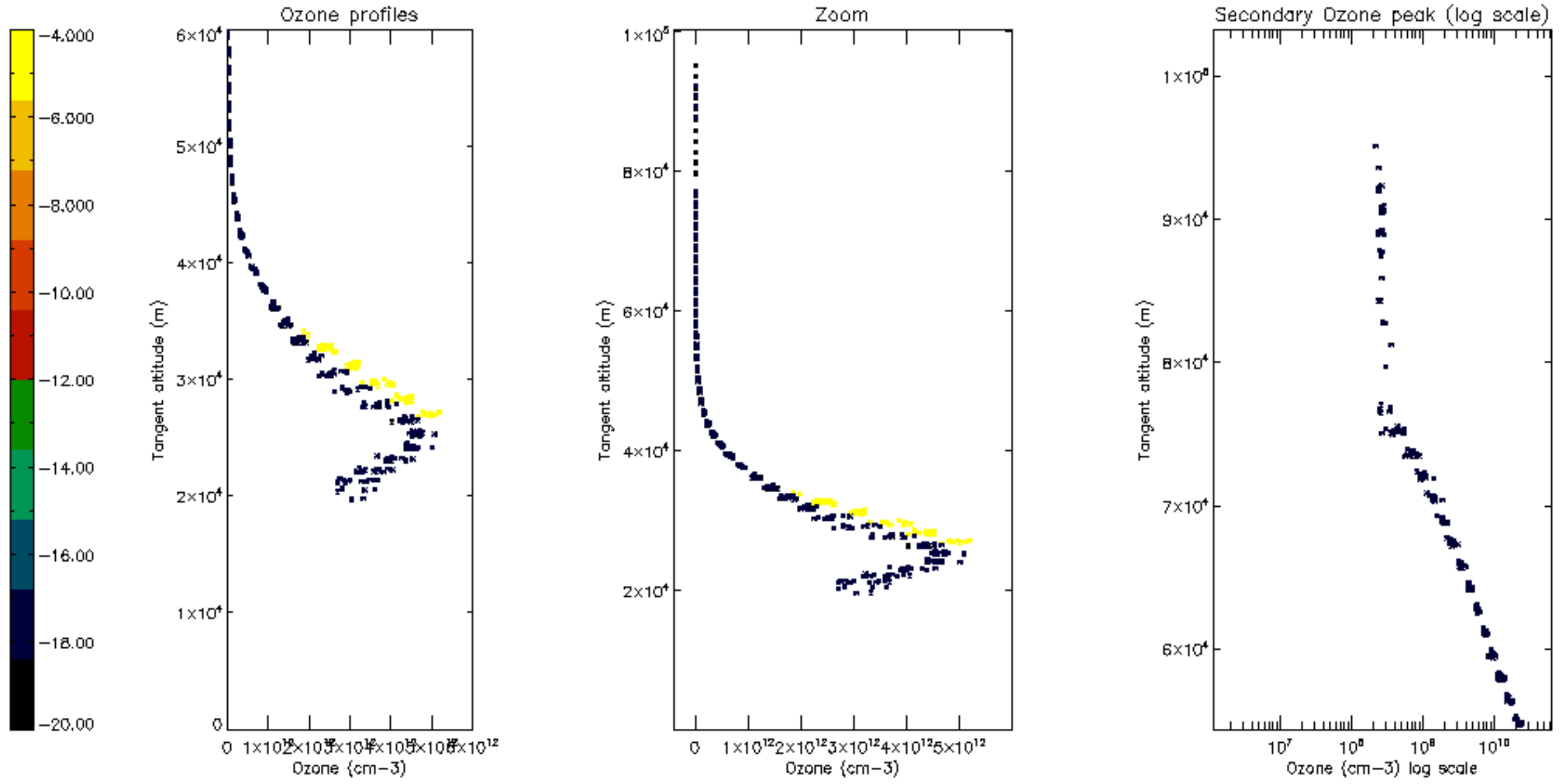


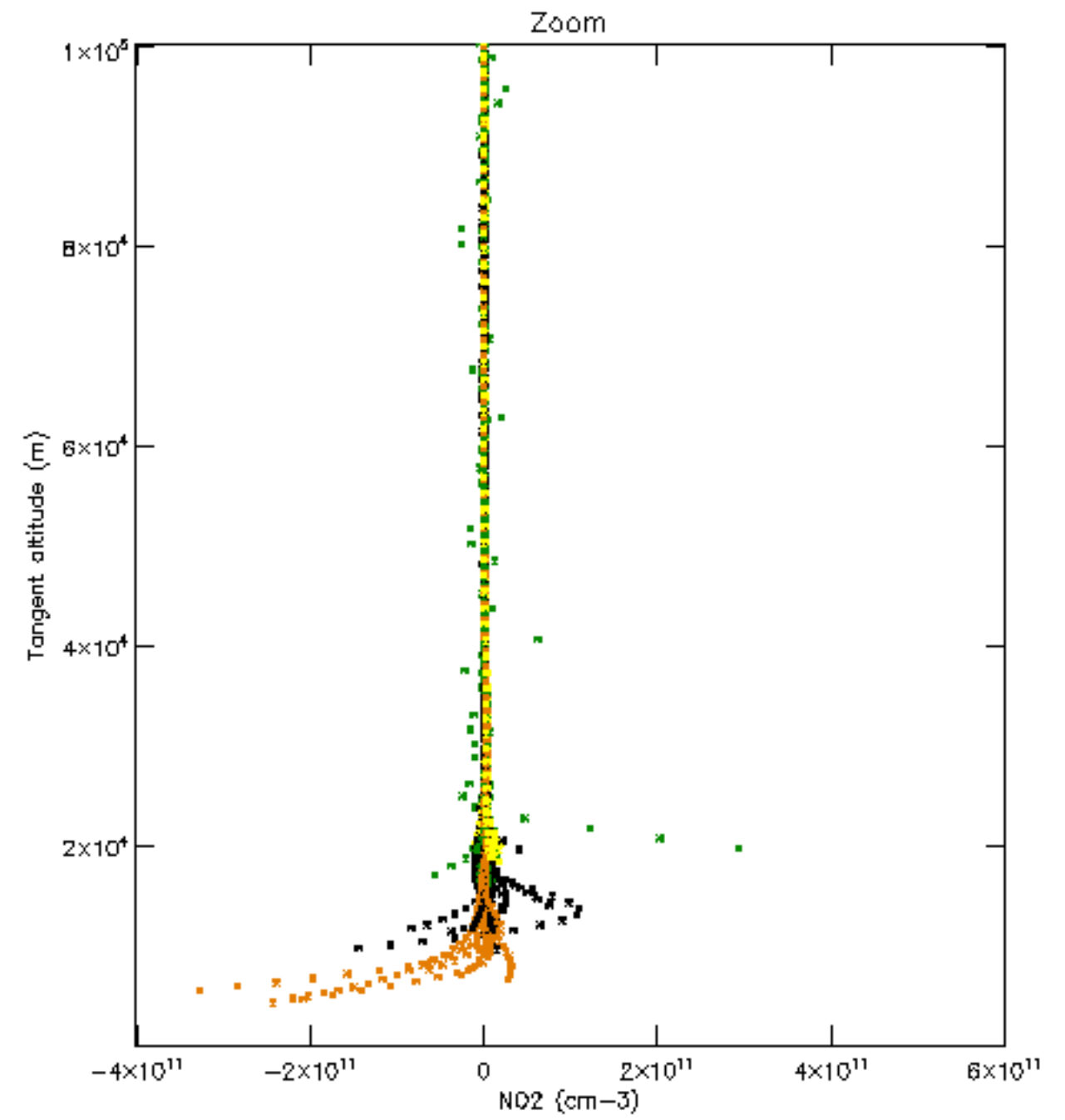
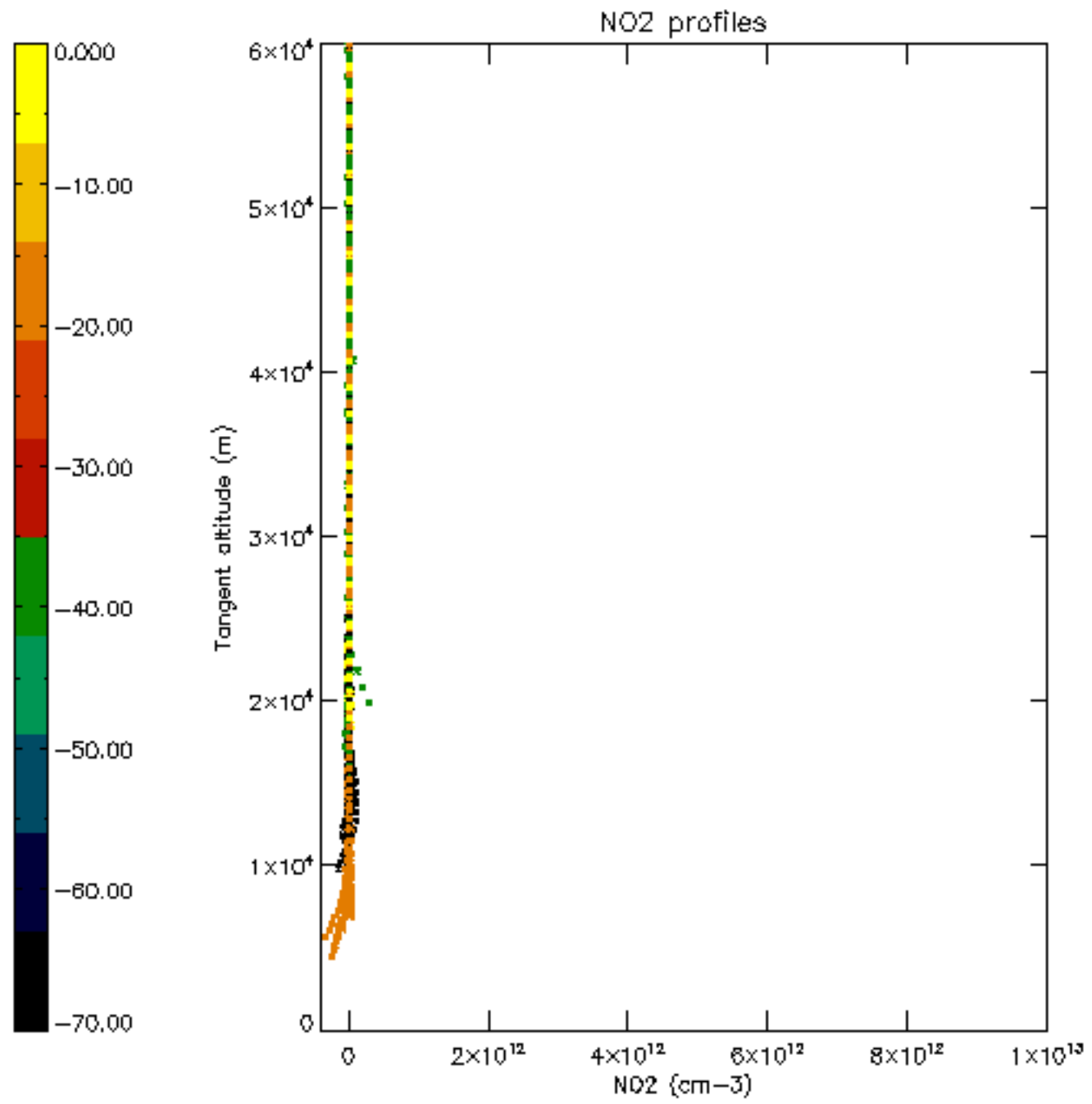




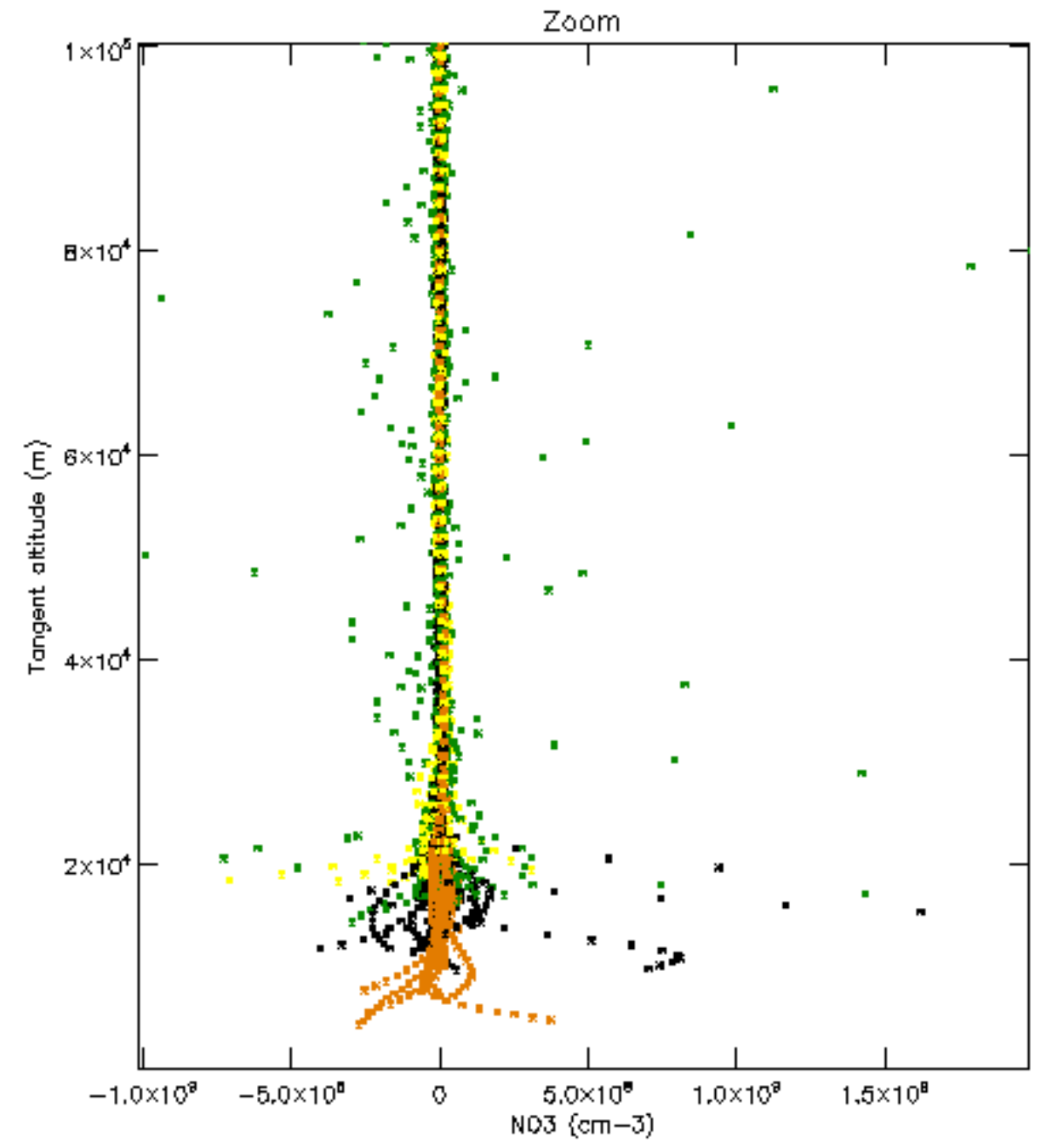
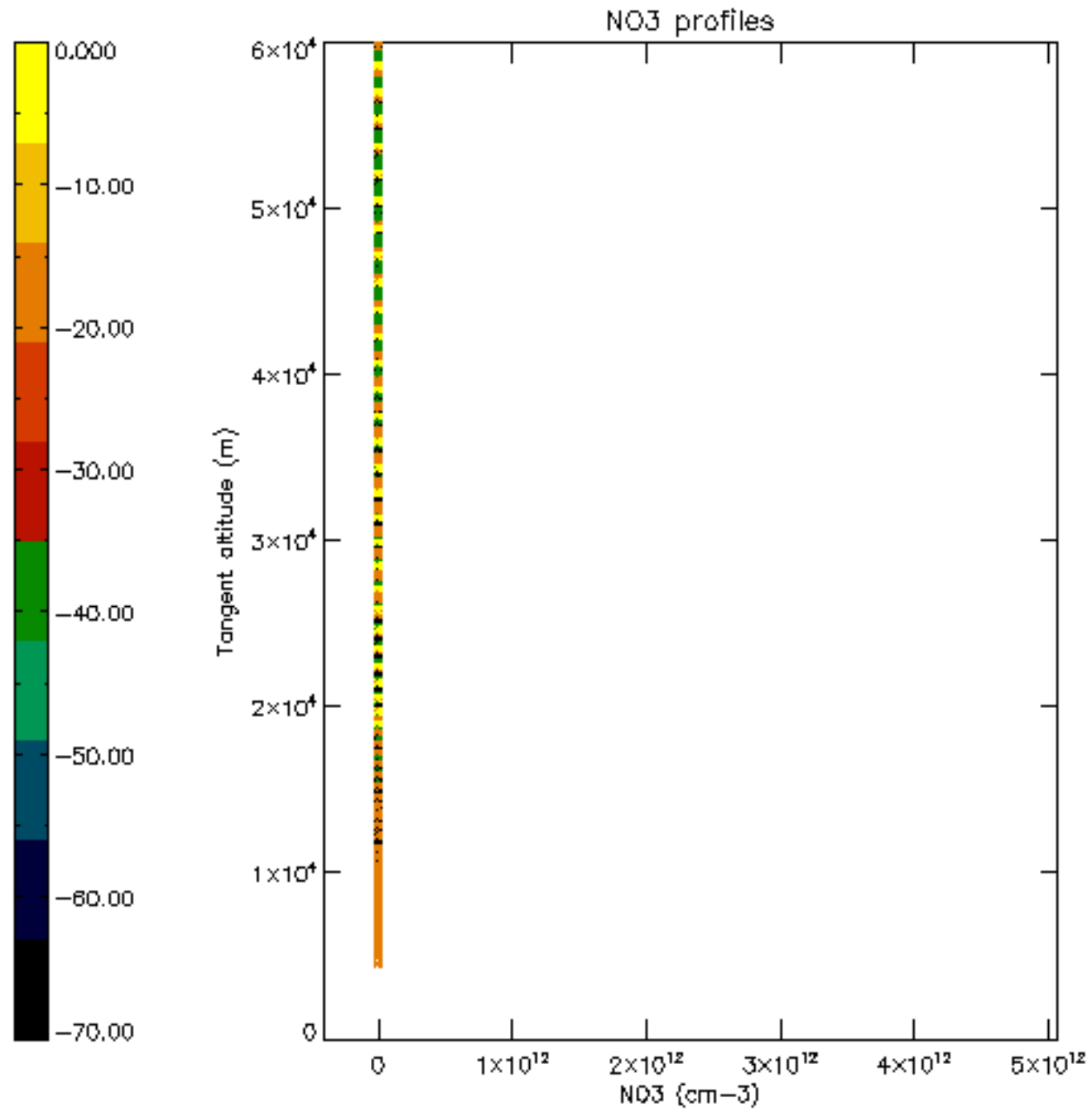


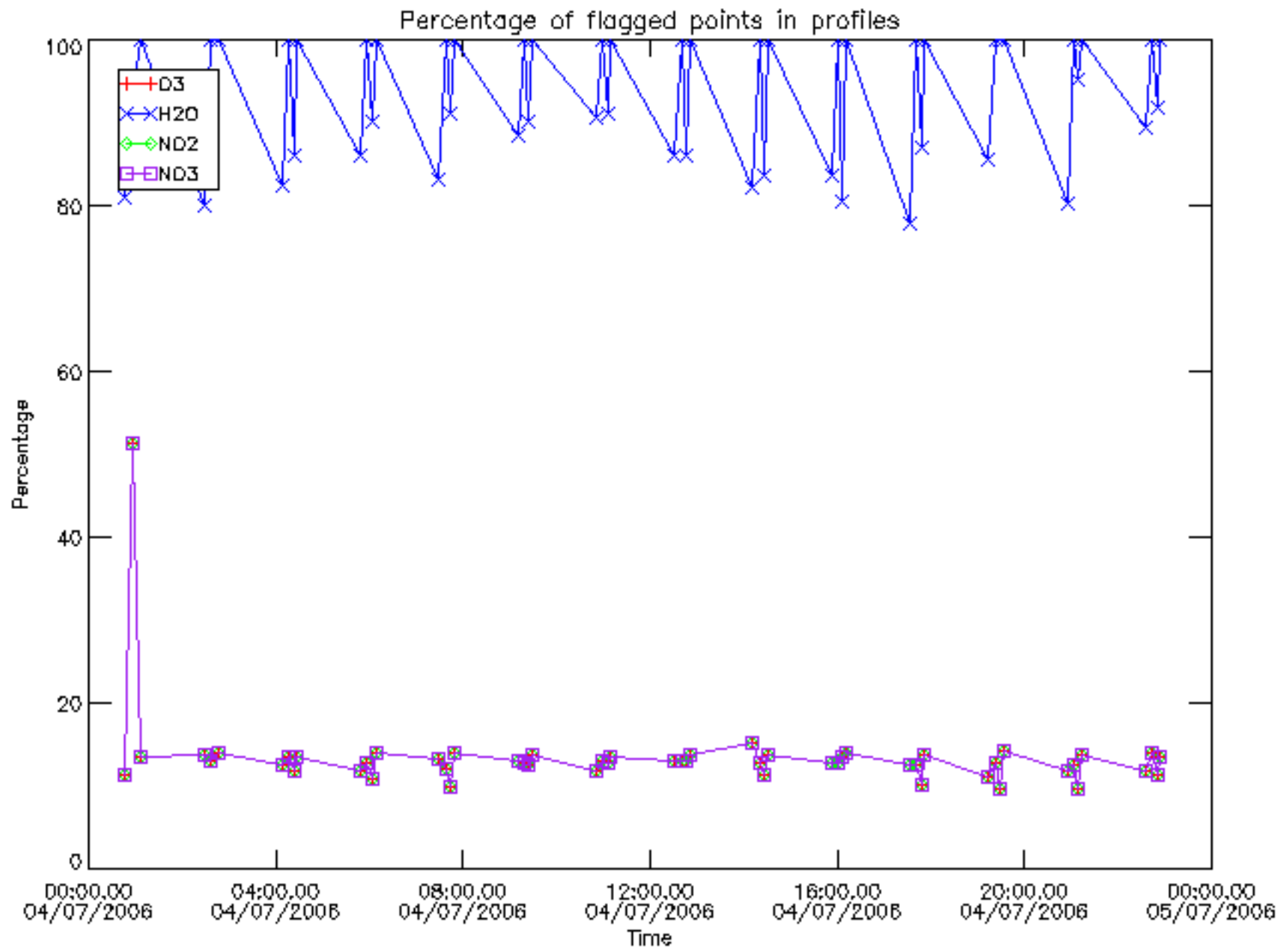




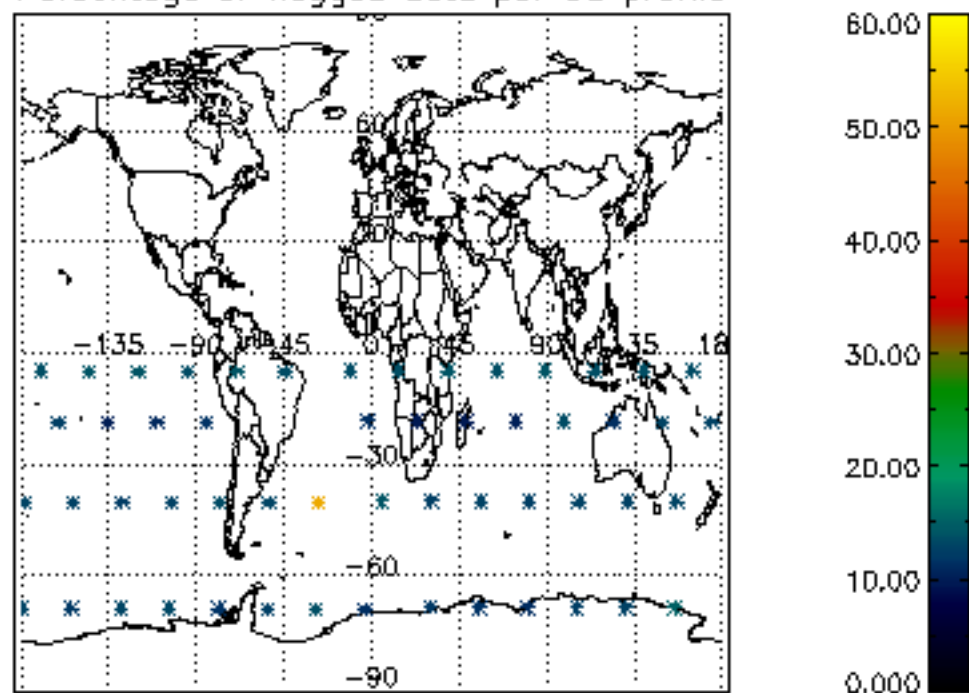




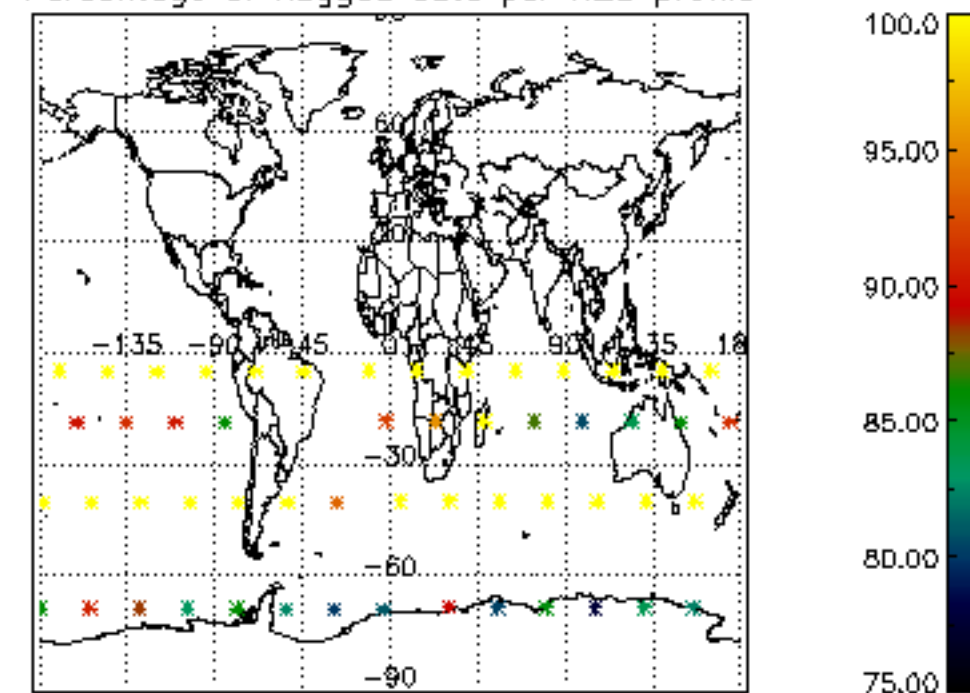




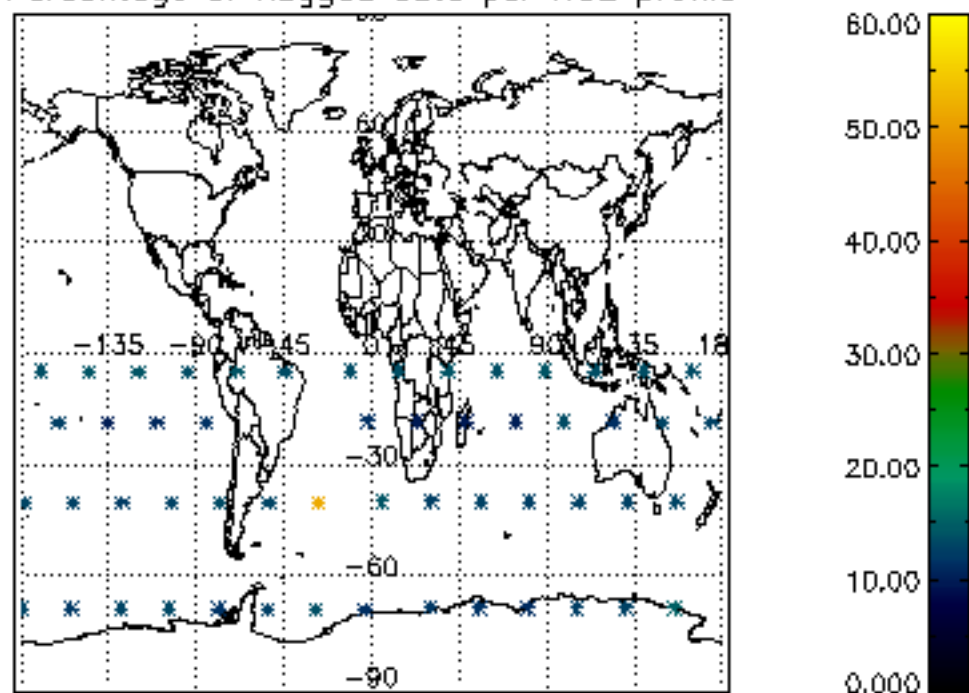
Percentage of flagged data per D3 profile



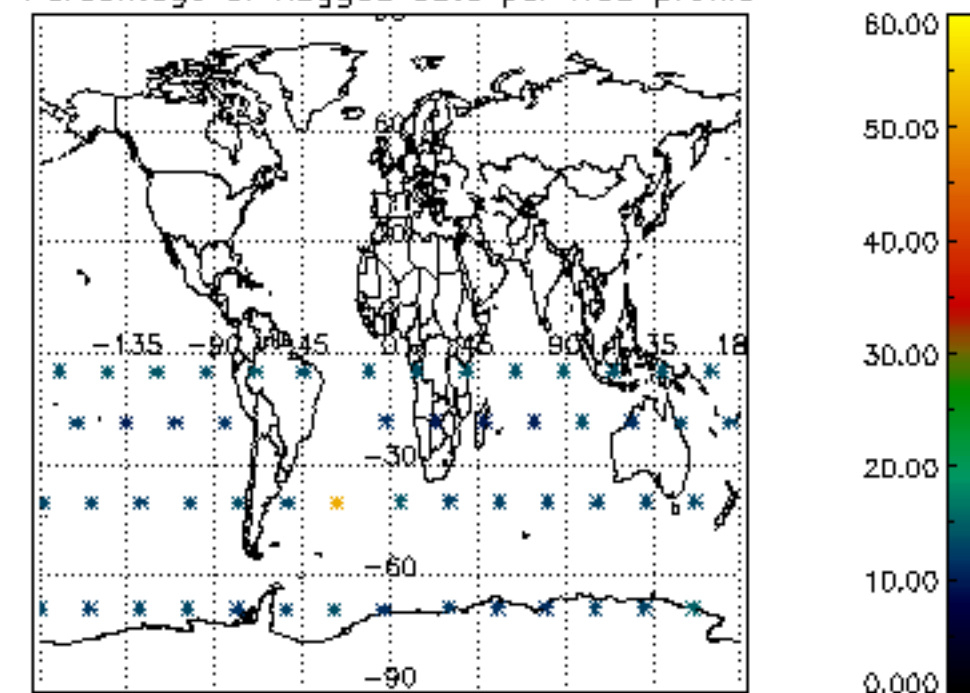
Percentage of flagged data per H2O profile

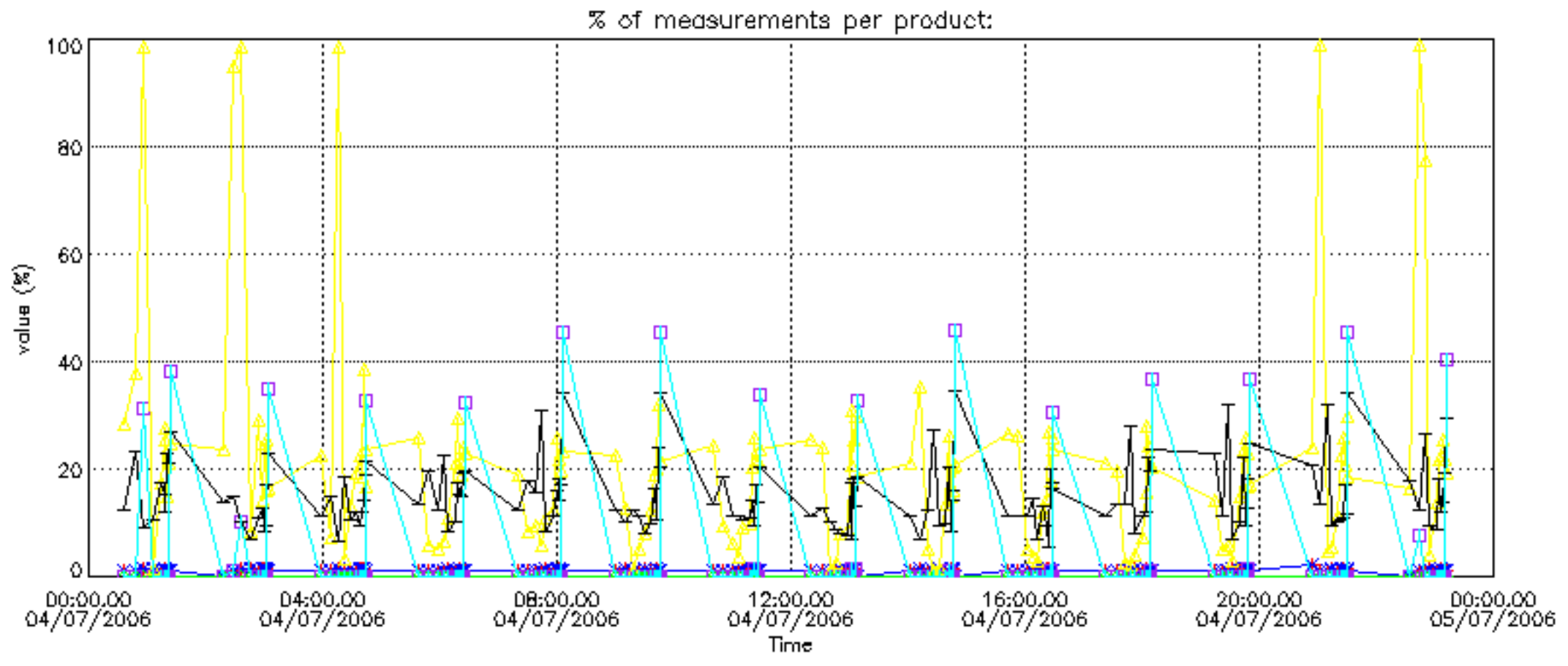


Percentage of flagged data per NO2 profile

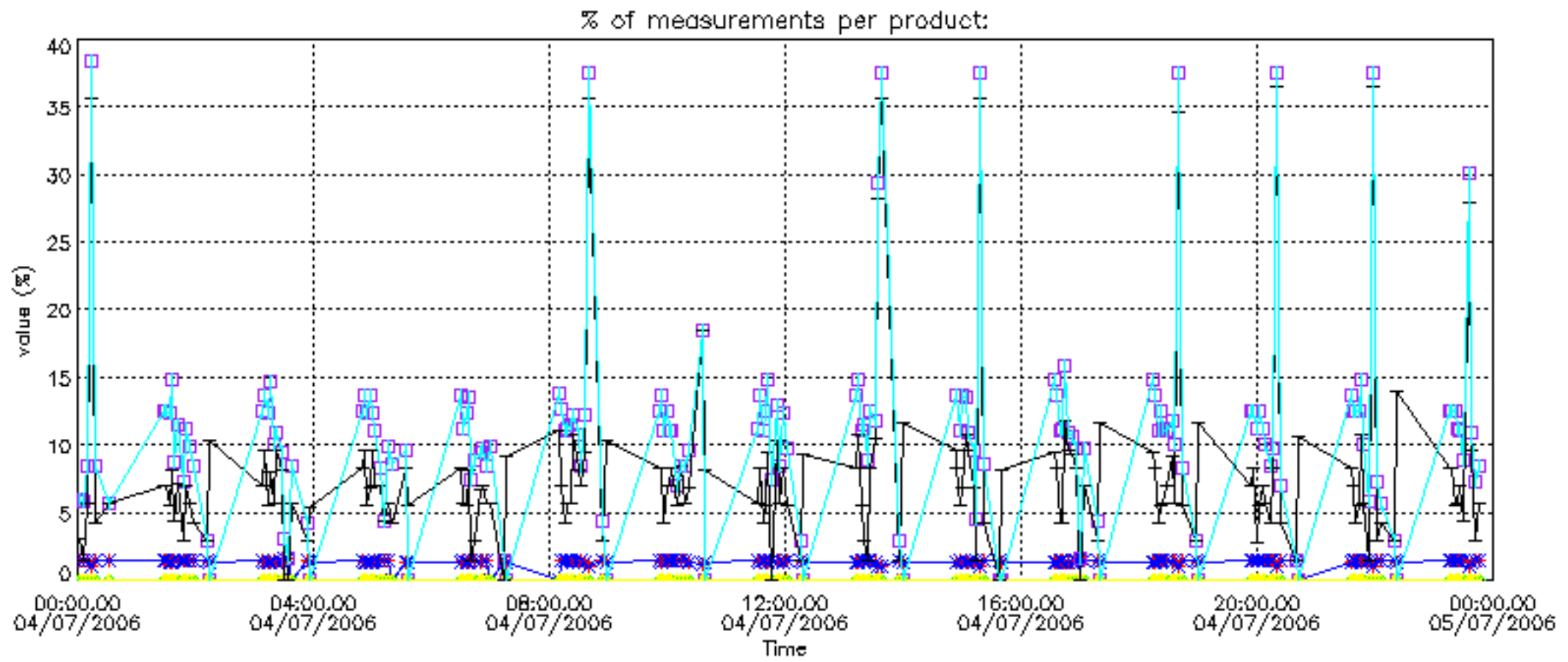


Percentage of flagged data per NO3 profile

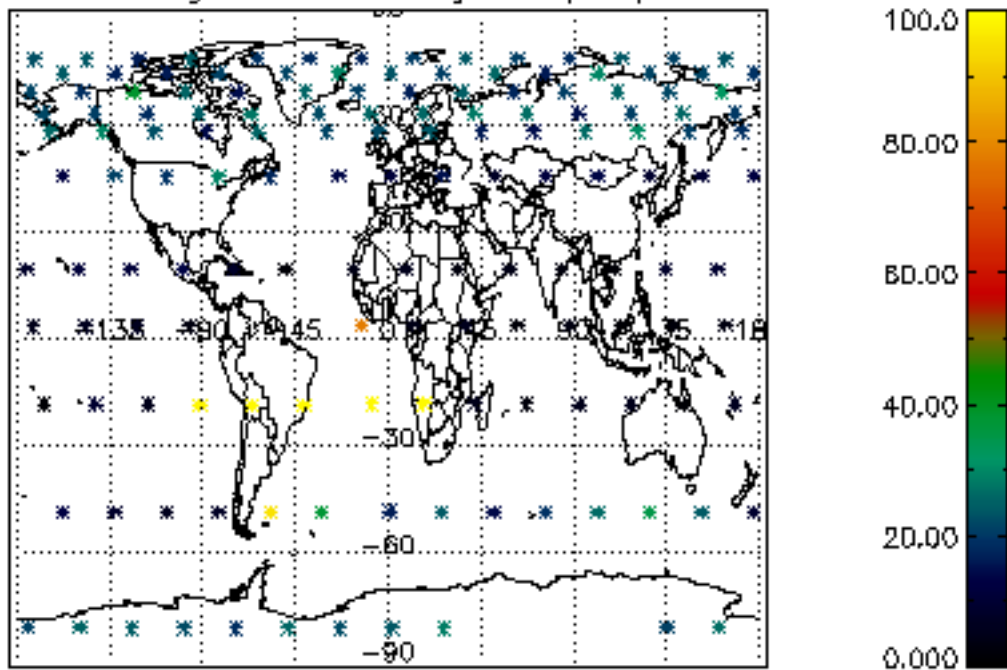




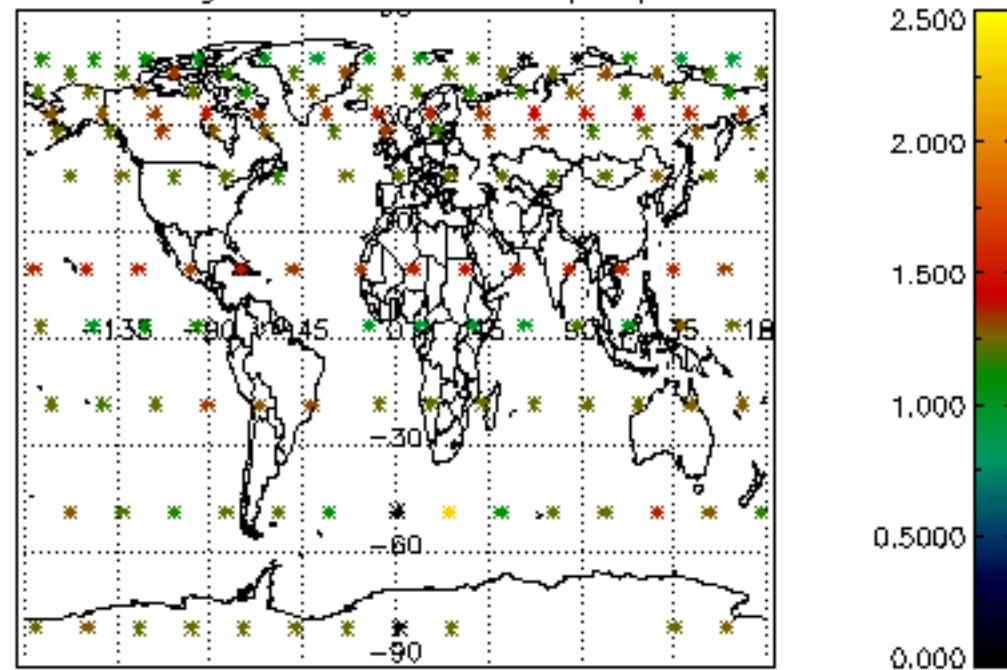




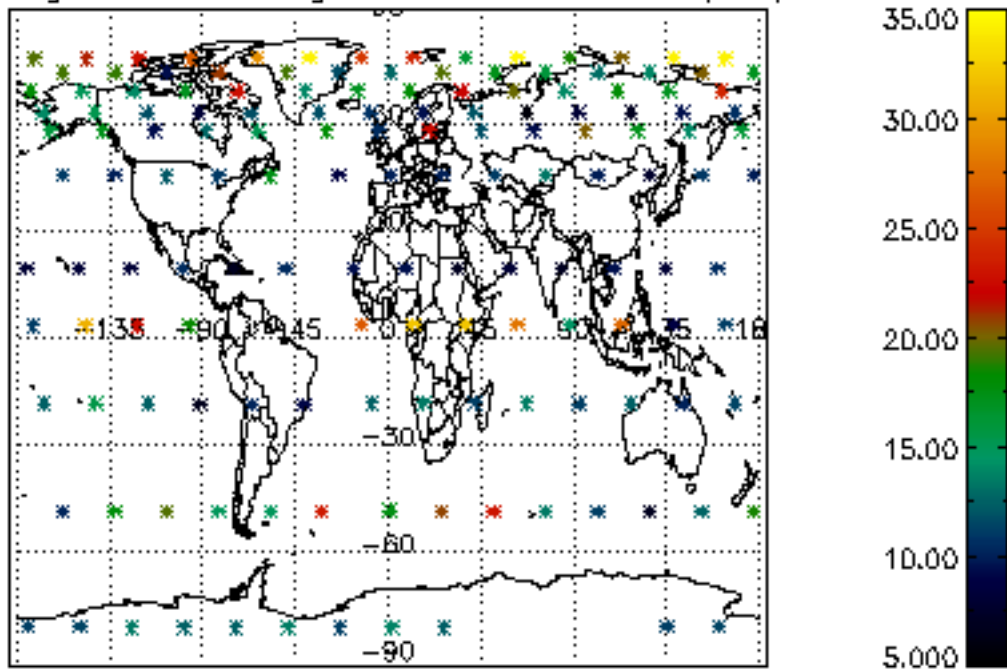
Percentage of cosmic ray hits per profile



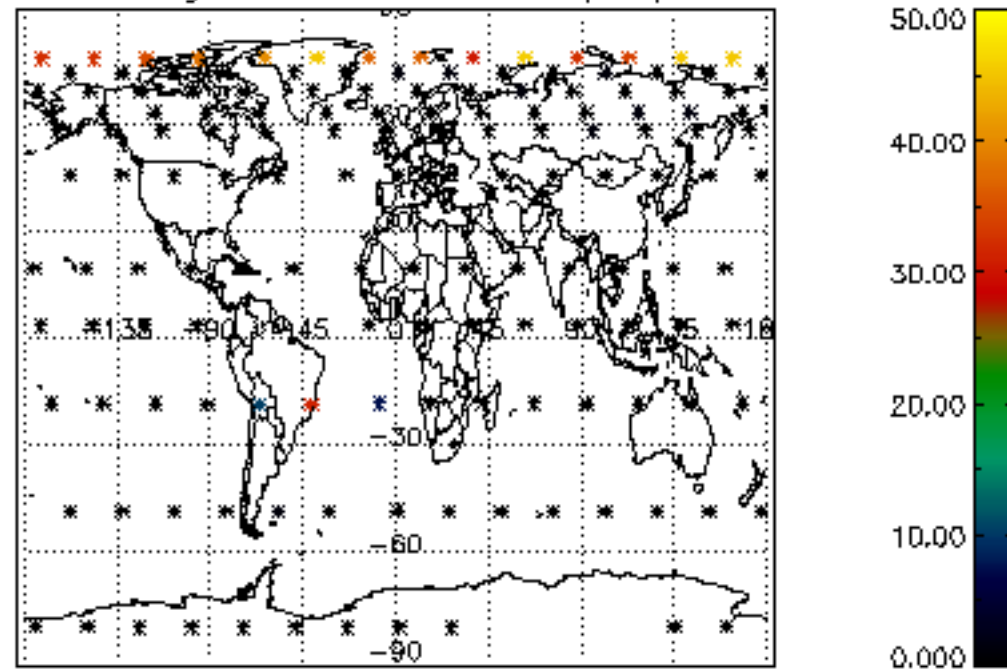
Percentage of datation errors per profile



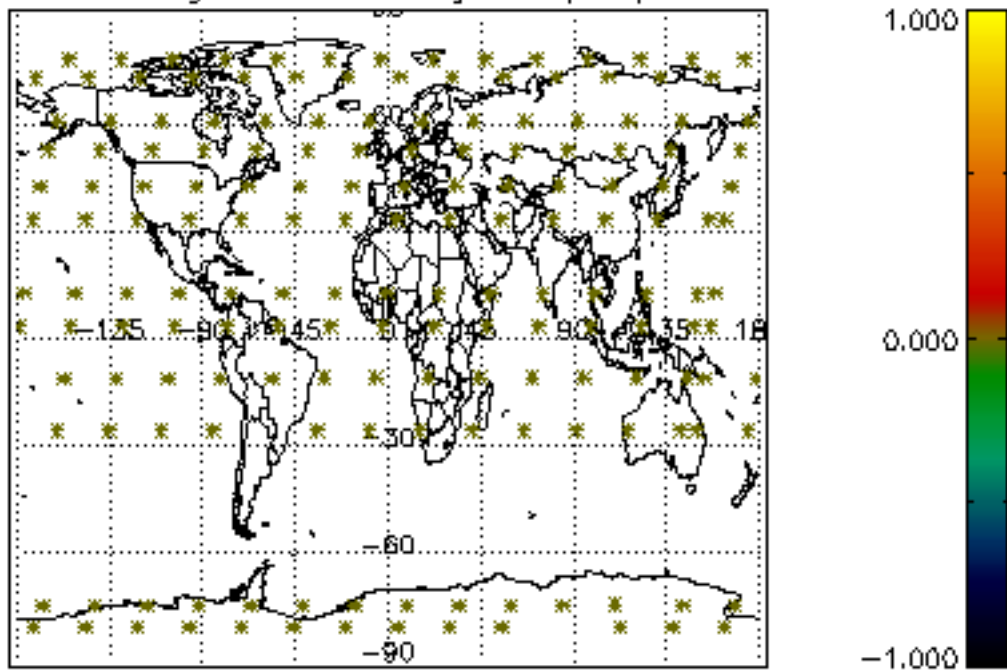
Percentage of star falling outside central band per profile



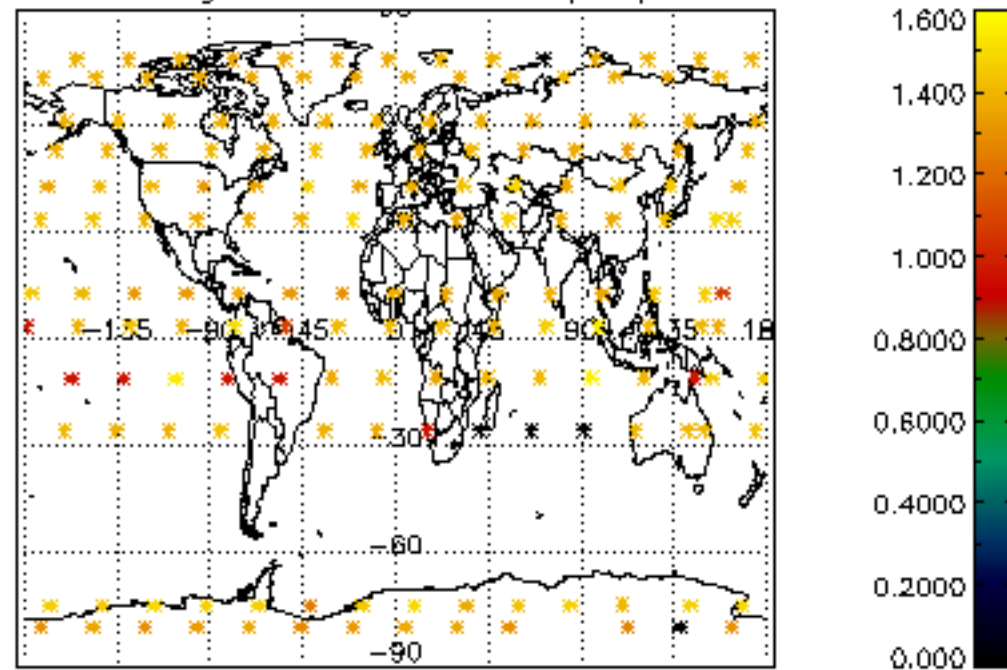
Percentage of saturation errors per profile



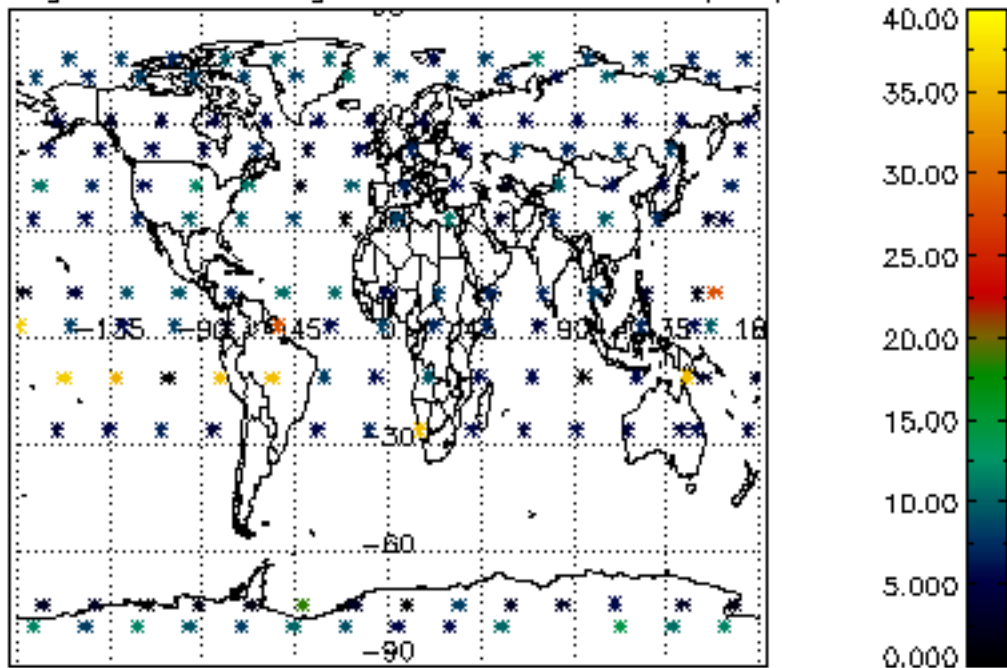
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

