

# GOMOS Level 2 Daily Report

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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 01:18:16
Data source version	GOMOS/6.01
Start time of products	07-07-2006 (07JUL2006 00:00:00)
Stop time of products	08-07-2006 (08JUL2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	250
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__2PRFIN20060707_000116_000000372049_00145_22744_9744.N1	07-JUL-2006 00:01:16	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	22744	No
2	GOM_NL__2PRFIN20060707_000413_000000382049_00145_22744_9745.N1	07-JUL-2006 00:04:13	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	22744	No
3	GOM_NL__2PRFIN20060707_000652_000000522049_00145_22744_9746.N1	07-JUL-2006 00:06:52	Bright	52.000	133	40Zet Her	2.8070	6000.0	104	22744	No
4	GOM_NL__2PRFIN20060707_001234_000000352049_00145_22744_9747.N1	07-JUL-2006 00:12:34	Bright	34.500	130	23Bet Dra	2.7990	5800.0	69	22744	No
5	GOM_NL__2PRFIN20060707_001512_000000362049_00145_22744_9748.N1	07-JUL-2006 00:15:12	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22744	No
6	GOM_NL__2PRFIN20060707_001919_000000332049_00145_22744_9749.N1	07-JUL-2006 00:19:19	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	22744	No
7	GOM_NL__2PRFIN20060707_002319_000000342049_00145_22744_9750.N1	07-JUL-2006 00:23:19	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	22744	No
8	GOM_NL__2PRFIN20060707_005301_000000442049_00145_22744_9751.N1	07-JUL-2006 00:53:01	Dark	43.500	165	34Gam Eri	2.9500	3200.0	87	22744	No
9	GOM_NL__2PRFIN20060707_023338_000000442049_00146_22745_9754.N1	07-JUL-2006 02:33:38	Dark	43.500	165	34Gam Eri	2.9500	3200.0	87	22745	No
10	GOM_NL__2PRFIN20060707_024827_000000422049_00147_22746_9754.N1	07-JUL-2006 02:48:27	Dark	42.000	9	Alp Eri	0.45300	24000.	84	22746	No
11	GOM_NL__2PRFIN20060707_025242_000000372049_00147_22746_9755.N1	07-JUL-2006 02:52:42	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22746	No
12	GOM_NL__2PRFIN20060707_030012_000000402049_00147_22746_9756.N1	07-JUL-2006 03:00:12	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	22746	No
13	GOM_NL__2PRFIN20060707_030504_000000372049_00147_22746_9757.N1	07-JUL-2006 03:05:04	Twi_and_stray	37.000	147	Alp Ara	2.8770	26000.	74	22746	No
14	GOM_NL__2PRFIN20060707_030654_000000412049_00147_22746_9758.N1	07-JUL-2006 03:06:54	Twi_and_stray	41.000	40	The Sco	1.8590	7100.0	82	22746	No
15	GOM_NL__2PRFIN20060707_030833_000000392049_00147_22746_9759.N1	07-JUL-2006 03:08:33	Twi_and_stray	39.000	25	35Lam Sco	1.6200	28000.	78	22746	No
16	GOM_NL__2PRFIN20060707_031001_000000532049_00147_22746_9760.N1	07-JUL-2006 03:10:01	Bright	53.000	116	19Del Sgr	2.7000	4100.0	106	22746	No
17	GOM_NL__2PRFIN20060707_031111_000000392049_00147_22746_9761.N1	07-JUL-2006 03:11:11	Bright	39.000	137	22Lam Sgr	2.8240	4400.0	78	22746	No
18	GOM_NL__2PRFIN20060707_031443_000000352049_00147_22746_9762.N1	07-JUL-2006 03:14:43	Bright	35.000	86	35Eta Oph	2.4300	10200.	70	22746	No
19	GOM_NL__2PRFIN20060707_032009_000000372049_00147_22746_9763.N1	07-JUL-2006 03:20:09	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	22746	No
20	GOM_NL__2PRFIN20060707_032228_000000352049_00147_22746_9764.N1	07-JUL-2006 03:22:28	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	22746	No
21	GOM_NL__2PRFIN20060707_032526_000000372049_00147_22746_9765.N1	07-JUL-2006 03:25:26	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	22746	No
22	GOM_NL__2PRFIN20060707_032804_000000352049_00147_22746_9766.N1	07-JUL-2006 03:28:04	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	22746	No
23	GOM_NL__2PRFIN20060707_033345_000000362049_00147_22746_9767.N1	07-JUL-2006 03:33:45	Bright	36.000	130	23Bet Dra	2.7990	5800.0	72	22746	No
24	GOM_NL__2PRFIN20060707_033624_000000332049_00147_22746_9768.N1	07-JUL-2006 03:36:24	Bright	32.500	119	14Eta Dra	2.7270	4700.0	65	22746	No
25	GOM_NL__2PRFIN20060707_034031_000000332049_00147_22746_9769.N1	07-JUL-2006 03:40:31	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	22746	No
26	GOM_NL__2PRFIN20060707_034430_000000342049_00147_22746_9770.N1	07-JUL-2006 03:44:30	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	22746	No
27	GOM_NL__2PRFIN20060707_041414_000000342049_00147_22746_9771.N1	07-JUL-2006 04:14:14	Dark	34.000	165	34Gam Eri	2.9500	3200.0	68	22746	No
28	GOM_NL__2PRFIN20060707_042252_000000392049_00147_22746_9772.N1	07-JUL-2006 04:22:52	Dark	38.500	157	The1Eri	2.9060	9300.0	77	22746	No
29	GOM_NL__2PRFIN20060707_042903_000000402049_00148_22747_9754.N1	07-JUL-2006 04:29:03	Dark	40.000	9	Alp Eri	0.45300	24000.	80	22747	No
30	GOM_NL__2PRFIN20060707_043318_000000362049_00148_22747_9755.N1	07-JUL-2006 04:33:18	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	22747	No
31	GOM_NL__2PRFIN20060707_044048_000000402049_00148_22747_9756.N1	07-JUL-2006 04:40:48	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	22747	No
32	GOM_NL__2PRFIN20060707_044541_000000372049_00148_22747_9757.N1	07-JUL-2006 04:45:41	Twi_and_stray	36.500	147	Alp Ara	2.8770	26000.	73	22747	No
33	GOM_NL__2PRFIN20060707_044730_000000392049_00148_22747_9758.N1	07-JUL-2006 04:47:30	Twi_and_stray	38.500	40	The Sco	1.8590	7100.0	77	22747	No
34	GOM_NL__2PRFIN20060707_044910_000000392049_00148_22747_9759.N1	07-JUL-2006 04:49:10	Twi_and_stray	39.000	25	35Lam Sco	1.6200	28000.	78	22747	No
35	GOM_NL__2PRFIN20060707_045037_000000442049_00148_22747_9760.N1	07-JUL-2006 04:50:37	Bright	44.000	116	19Del Sgr	2.7000	4100.0	88	22747	No
36	GOM_NL__2PRFIN20060707_045147_000000412049_00148_22747_9761.N1	07-JUL-2006 04:51:47	Bright	40.500	137	22Lam Sgr	2.8240	4400.0	81	22747	No
37	GOM_NL__2PRFIN20060707_045519_000000352049_00148_22747_9762.N1	07-JUL-2006 04:55:19	Bright	34.500	86	35Eta Oph	2.4300	10200.	69	22747	No
38	GOM_NL__2PRFIN20060707_050046_000000372049_00148_22747_9763.N1	07-JUL-2006 05:00:46	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	22747	No
39	GOM_NL__2PRFIN20060707_050304_000000372049_00148_22747_9764.N1	07-JUL-2006 05:03:04	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	22747	No
40	GOM_NL__2PRFIN20060707_050602_000000342049_00148_22747_9765.N1	07-JUL-2006 05:06:02	Bright	34.000	127	27Bet Her	2.7810	4700.0	68	22747	No
41	GOM_NL__2PRFIN20060707_050840_000000342049_00148_22747_9766.N1	07-JUL-2006 05:08:40	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	22747	No
42	GOM_NL__2PRFIN20060707_051421_000000372049_00148_22747_9767.N1	07-JUL-2006 05:14:21	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	22747	No

43	GOM_NL__2PRFIN20060707_051700_000000362049_00148_22747_9768.N1	07-JUL-2006 05:17:00	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22747	No
44	GOM_NL__2PRFIN20060707_052107_000000362049_00148_22747_9769.N1	07-JUL-2006 05:21:07	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	22747	No
45	GOM_NL__2PRFIN20060707_052507_000000342049_00148_22747_9770.N1	07-JUL-2006 05:25:07	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	22747	No
46	GOM_NL__2PRFIN20060707_055450_000000402049_00148_22747_9771.N1	07-JUL-2006 05:54:50	Dark	40.000	165	34Gam Eri	2.9500	3200.0	80	22747	No
47	GOM_NL__2PRFIN20060707_060329_000000402049_00148_22747_9772.N1	07-JUL-2006 06:03:29	Dark	39.500	157	The1Eri	2.9060	9300.0	79	22747	No
48	GOM_NL__2PRFIN20060707_060940_000000532049_00149_22748_9754.N1	07-JUL-2006 06:09:40	Dark	53.000	9	Alp Eri	0.45300	24000.	106	22748	No
49	GOM_NL__2PRFIN20060707_061355_000000372049_00149_22748_9755.N1	07-JUL-2006 06:13:55	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22748	No
50	GOM_NL__2PRFIN20060707_062124_000000392049_00149_22748_9756.N1	07-JUL-2006 06:21:24	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	22748	No
51	GOM_NL__2PRFIN20060707_062617_000000372049_00149_22748_9757.N1	07-JUL-2006 06:26:17	Twi_and_stray	36.500	147	Alp Ara	2.8770	26000.	73	22748	No
52	GOM_NL__2PRFIN20060707_062806_000000402049_00149_22748_9758.N1	07-JUL-2006 06:28:06	Twi_and_stray	40.000	40	The Sco	1.8590	7100.0	80	22748	No
53	GOM_NL__2PRFIN20060707_062946_000000392049_00149_22748_9759.N1	07-JUL-2006 06:29:46	Twi_and_stray	39.000	25	35Lam Sco	1.6200	28000.	78	22748	No
54	GOM_NL__2PRFIN20060707_063113_000000432049_00149_22748_9760.N1	07-JUL-2006 06:31:13	Bright	43.000	116	19Del Sgr	2.7000	4100.0	86	22748	No
55	GOM_NL__2PRFIN20060707_063224_000000402049_00149_22748_9761.N1	07-JUL-2006 06:32:24	Bright	40.000	137	22Lam Sgr	2.8240	4400.0	80	22748	No
56	GOM_NL__2PRFIN20060707_063555_000000372049_00149_22748_9762.N1	07-JUL-2006 06:35:55	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	22748	No
57	GOM_NL__2PRFIN20060707_064122_000000362049_00149_22748_9763.N1	07-JUL-2006 06:41:22	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	22748	No
58	GOM_NL__2PRFIN20060707_064340_000000362049_00149_22748_9764.N1	07-JUL-2006 06:43:40	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	22748	No
59	GOM_NL__2PRFIN20060707_064638_000000352049_00149_22748_9765.N1	07-JUL-2006 06:46:38	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	22748	No
60	GOM_NL__2PRFIN20060707_064916_000000362049_00149_22748_9766.N1	07-JUL-2006 06:49:16	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	22748	No
61	GOM_NL__2PRFIN20060707_065457_000000372049_00149_22748_9767.N1	07-JUL-2006 06:54:57	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	22748	No
62	GOM_NL__2PRFIN20060707_065736_000000342049_00149_22748_9768.N1	07-JUL-2006 06:57:36	Bright	34.000	119	14Eta Dra	2.7270	4700.0	68	22748	No
63	GOM_NL__2PRFIN20060707_070143_000000302049_00149_22748_9769.N1	07-JUL-2006 07:01:43	Bright	29.500	60	7Bet UMi	2.0810	3950.0	59	22748	No
64	GOM_NL__2PRFIN20060707_073527_000000422049_00149_22748_9770.N1	07-JUL-2006 07:35:27	Dark	41.500	165	34Gam Eri	2.9500	3200.0	83	22748	No
65	GOM_NL__2PRFIN20060707_074405_000000422049_00149_22748_9771.N1	07-JUL-2006 07:44:05	Dark	42.000	157	The1Eri	2.9060	9300.0	84	22748	No
66	GOM_NL__2PRFIN20060707_075016_000000522049_00150_22749_9754.N1	07-JUL-2006 07:50:16	Dark	51.500	9	Alp Eri	0.45300	24000.	103	22749	No
67	GOM_NL__2PRFIN20060707_075431_000000372049_00150_22749_9755.N1	07-JUL-2006 07:54:31	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22749	No
68	GOM_NL__2PRFIN20060707_080201_000000432049_00150_22749_9756.N1	07-JUL-2006 08:02:01	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	22749	No
69	GOM_NL__2PRFIN20060707_080653_000000382049_00150_22749_9757.N1	07-JUL-2006 08:06:53	Twi_and_stray	38.000	147	Alp Ara	2.8770	26000.	76	22749	No
70	GOM_NL__2PRFIN20060707_080842_000000422049_00150_22749_9758.N1	07-JUL-2006 08:08:42	Twi_and_stray	41.500	40	The Sco	1.8590	7100.0	83	22749	No
71	GOM_NL__2PRFIN20060707_081022_000000412049_00150_22749_9759.N1	07-JUL-2006 08:10:22	Twi_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	22749	No
72	GOM_NL__2PRFIN20060707_081149_000000512049_00150_22749_9760.N1	07-JUL-2006 08:11:49	Bright	50.500	116	19Del Sgr	2.7000	4100.0	101	22749	No
73	GOM_NL__2PRFIN20060707_081300_000000402049_00150_22749_9761.N1	07-JUL-2006 08:13:00	Bright	40.000	137	22Lam Sgr	2.8240	4400.0	80	22749	No
74	GOM_NL__2PRFIN20060707_081631_000000372049_00150_22749_9762.N1	07-JUL-2006 08:16:31	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	22749	No
75	GOM_NL__2PRFIN20060707_082158_000000362049_00150_22749_9763.N1	07-JUL-2006 08:21:58	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	22749	No
76	GOM_NL__2PRFIN20060707_082416_000000372049_00150_22749_9764.N1	07-JUL-2006 08:24:16	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	22749	No
77	GOM_NL__2PRFIN20060707_082714_000000372049_00150_22749_9765.N1	07-JUL-2006 08:27:14	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	22749	No
78	GOM_NL__2PRFIN20060707_082952_000000362049_00150_22749_9766.N1	07-JUL-2006 08:29:52	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	22749	No
79	GOM_NL__2PRFIN20060707_083533_000000372049_00150_22749_9767.N1	07-JUL-2006 08:35:33	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	22749	No
80	GOM_NL__2PRFIN20060707_083813_000000362049_00150_22749_9768.N1	07-JUL-2006 08:38:13	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22749	No
81	GOM_NL__2PRFIN20060707_084220_000000352049_00150_22749_9769.N1	07-JUL-2006 08:42:20	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	22749	No
82	GOM_NL__2PRFIN20060707_084618_000000362049_00150_22749_9770.N1	07-JUL-2006 08:46:18	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	22749	No
83	GOM_NL__2PRFIN20060707_091603_000000422049_00150_22749_9771.N1	07-JUL-2006 09:16:03	Dark	41.500	165	34Gam Eri	2.9500	3200.0	83	22749	No
84	GOM_NL__2PRFIN20060707_092442_000000412049_00150_22749_9772.N1	07-JUL-2006 09:24:42	Dark	40.500	157	The1Eri	2.9060	9300.0	81	22749	No
85	GOM_NL__2PRFIN20060707_093053_000000412049_00151_22750_9754.N1	07-JUL-2006 09:30:53	Dark	40.500	9	Alp Eri	0.45300	24000.	81	22750	No
86	GOM_NL__2PRFIN20060707_093507_000000372049_00151_22750_9755.N1	07-JUL-2006 09:35:07	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22750	No
87	GOM_NL__2PRFIN20060707_094237_000000412049_00151_22750_9756.N1	07-JUL-2006 09:42:37	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	22750	No
88	GOM_NL__2PRFIN20060707_094729_000000382049_00151_22750_9757.N1	07-JUL-2006 09:47:29	Twi_and_stray	38.000	147	Alp Ara	2.8770	26000.	76	22750	No
89	GOM_NL__2PRFIN20060707_094918_000000422049_00151_22750_9758.N1	07-JUL-2006 09:49:18	Twi_and_stray	41.500	40	The Sco	1.8590	7100.0	83	22750	No
90	GOM_NL__2PRFIN20060707_095058_000000402049_00151_22750_9759.N1	07-JUL-2006 09:50:58	Twi_and_stray	39.500	25	35Lam Sco	1.6200	28000.	79	22750	No
91	GOM_NL__2PRFIN20060707_095225_000000472049_00151_22750_9760.N1	07-JUL-2006 09:52:25	Bright	46.500	116	19Del Sgr	2.7000	4100.0	93	22750	No
92	GOM_NL__2PRFIN20060707_095336_000000392049_00151_22750_9761.N1	07-JUL-2006 09:53:36	Bright	39.000	137	22Lam Sgr	2.8240	4400.0	78	22750	No
93	GOM_NL__2PRFIN20060707_095707_000000372049_00151_22750_9762.N1	07-JUL-2006 09:57:07	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	22750	No
94	GOM_NL__2PRFIN20060707_100234_000000362049_00151_22750_9763.N1	07-JUL-2006 10:02:34	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	22750	No
95	GOM_NL__2PRFIN20060707_100452_000000362049_00151_22750_9764.N1	07-JUL-2006 10:04:52	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	22750	No
96	GOM_NL__2PRFIN20060707_100750_000000382049_00151_22750_9765.N1	07-JUL-2006 10:07:50	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	22750	No
97	GOM_NL__2PRFIN20060707_101028_000000362049_00151_22750_9766.N1	07-JUL-2006 10:10:28	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	22750	No
98	GOM_NL__2PRFIN20060707_101609_000000372049_00151_22750_9767.N1	07-JUL-2006 10:16:09	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	22750	No
99	GOM_NL__2PRFIN20060707_101849_000000362049_00151_22750_9768.N1	07-JUL-2006 10:18:49	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22750	No
100	GOM_NL__2PRFIN20060707_102256_000000352049_00151_22750_9769.N1	07-JUL-2006 10:22:56	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	22750	No
101	GOM_NL__2PRFIN20060707_102654_000000342049_00151_22750_9770.N1	07-JUL-2006 10:26:54	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	22750	No

102	GOM_NL__2PRFIN20060707_105639_000000382049_00151_22750_9771.N1	07-JUL-2006 10:56:39	Dark	38.000	165	34Gam Eri	2.9500	3200.0	76	22750	No
103	GOM_NL__2PRFIN20060707_110518_000000402049_00151_22750_9772.N1	07-JUL-2006 11:05:18	Dark	39.500	157	The1Eri	2.9060	9300.0	79	22750	No
104	GOM_NL__2PRFIN20060707_111129_000000492049_00152_22751_9754.N1	07-JUL-2006 11:11:29	Dark	49.000	9	Alp Eri	0.45300	24000.	98	22751	No
105	GOM_NL__2PRFIN20060707_111543_000000372049_00152_22751_9755.N1	07-JUL-2006 11:15:43	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22751	No
106	GOM_NL__2PRFIN20060707_112314_000000402049_00152_22751_9756.N1	07-JUL-2006 11:23:14	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	22751	No
107	GOM_NL__2PRFIN20060707_112805_000000372049_00152_22751_9757.N1	07-JUL-2006 11:28:05	Twi_and_stray	37.000	147	Alp Ara	2.8770	26000.	74	22751	No
108	GOM_NL__2PRFIN20060707_112955_000000412049_00152_22751_9758.N1	07-JUL-2006 11:29:55	Twi_and_stray	41.000	40	The Sco	1.8590	7100.0	82	22751	No
109	GOM_NL__2PRFIN20060707_113134_000000412049_00152_22751_9759.N1	07-JUL-2006 11:31:34	Twi_and_stray	40.500	25	35Lam Sco	1.6200	28000.	81	22751	No
110	GOM_NL__2PRFIN20060707_113301_000000462049_00152_22751_9760.N1	07-JUL-2006 11:33:01	Bright	46.000	116	19Del Sgr	2.7000	4100.0	92	22751	No
111	GOM_NL__2PRFIN20060707_113412_000000402049_00152_22751_9761.N1	07-JUL-2006 11:34:12	Bright	40.000	137	22Lam Sgr	2.8240	4400.0	80	22751	No
112	GOM_NL__2PRFIN20060707_113743_000000372049_00152_22751_9762.N1	07-JUL-2006 11:37:43	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	22751	No
113	GOM_NL__2PRFIN20060707_114309_000000362049_00152_22751_9763.N1	07-JUL-2006 11:43:09	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	22751	No
114	GOM_NL__2PRFIN20060707_114527_000000372049_00152_22751_9764.N1	07-JUL-2006 11:45:27	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	22751	No
115	GOM_NL__2PRFIN20060707_114827_000000362049_00152_22751_9765.N1	07-JUL-2006 11:48:27	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	22751	No
116	GOM_NL__2PRFIN20060707_115104_000000362049_00152_22751_9766.N1	07-JUL-2006 11:51:04	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	22751	No
117	GOM_NL__2PRFIN20060707_115645_000000372049_00152_22751_9767.N1	07-JUL-2006 11:56:45	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	22751	No
118	GOM_NL__2PRFIN20060707_115925_000000362049_00152_22751_9768.N1	07-JUL-2006 11:59:25	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22751	No
119	GOM_NL__2PRFIN20060707_120332_000000362049_00152_22751_9769.N1	07-JUL-2006 12:03:32	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	22751	No
120	GOM_NL__2PRFIN20060707_120730_000000362049_00152_22751_9770.N1	07-JUL-2006 12:07:30	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	22751	No
121	GOM_NL__2PRFIN20060707_123715_000000452049_00152_22751_9771.N1	07-JUL-2006 12:37:15	Dark	44.500	165	34Gam Eri	2.9500	3200.0	89	22751	No
122	GOM_NL__2PRFIN20060707_124554_000000432049_00152_22751_9772.N1	07-JUL-2006 12:45:54	Dark	42.500	157	The1Eri	2.9060	9300.0	85	22751	No
123	GOM_NL__2PRFIN20060707_125206_000000422049_00153_22752_9754.N1	07-JUL-2006 12:52:06	Dark	41.500	9	Alp Eri	0.45300	24000.	83	22752	No
124	GOM_NL__2PRFIN20060707_125619_000000362049_00153_22752_9755.N1	07-JUL-2006 12:56:19	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	22752	No
125	GOM_NL__2PRFIN20060707_130350_000000422049_00153_22752_9756.N1	07-JUL-2006 13:03:50	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	22752	No
126	GOM_NL__2PRFIN20060707_130841_000000372049_00153_22752_9757.N1	07-JUL-2006 13:08:41	Twi_and_stray	37.000	147	Alp Ara	2.8770	26000.	74	22752	No
127	GOM_NL__2PRFIN20060707_131031_000000412049_00153_22752_9758.N1	07-JUL-2006 13:10:31	Twi_and_stray	41.000	40	The Sco	1.8590	7100.0	82	22752	No
128	GOM_NL__2PRFIN20060707_131210_000000392049_00153_22752_9759.N1	07-JUL-2006 13:12:10	Twi_and_stray	38.500	25	35Lam Sco	1.6200	28000.	77	22752	No
129	GOM_NL__2PRFIN20060707_131337_000000442049_00153_22752_9760.N1	07-JUL-2006 13:13:37	Bright	43.500	116	19Del Sgr	2.7000	4100.0	87	22752	No
130	GOM_NL__2PRFIN20060707_131448_000000412049_00153_22752_9761.N1	07-JUL-2006 13:14:48	Bright	41.000	137	22Lam Sgr	2.8240	4400.0	82	22752	No
131	GOM_NL__2PRFIN20060707_131819_000000372049_00153_22752_9762.N1	07-JUL-2006 13:18:19	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	22752	No
132	GOM_NL__2PRFIN20060707_132345_000000362049_00153_22752_9763.N1	07-JUL-2006 13:23:45	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	22752	No
133	GOM_NL__2PRFIN20060707_132603_000000352049_00153_22752_9764.N1	07-JUL-2006 13:26:03	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	22752	No
134	GOM_NL__2PRFIN20060707_132903_000000392049_00153_22752_9765.N1	07-JUL-2006 13:29:03	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	22752	No
135	GOM_NL__2PRFIN20060707_133140_000000342049_00153_22752_9766.N1	07-JUL-2006 13:31:40	Bright	33.500	133	40Zet Her	2.8070	6000.0	67	22752	No
136	GOM_NL__2PRFIN20060707_133721_000000372049_00153_22752_9767.N1	07-JUL-2006 13:37:21	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	22752	No
137	GOM_NL__2PRFIN20060707_134001_000000362049_00153_22752_9768.N1	07-JUL-2006 13:40:01	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22752	No
138	GOM_NL__2PRFIN20060707_134408_000000362049_00153_22752_9769.N1	07-JUL-2006 13:44:08	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	22752	No
139	GOM_NL__2PRFIN20060707_134806_000000342049_00153_22752_9770.N1	07-JUL-2006 13:48:06	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	22752	No
140	GOM_NL__2PRFIN20060707_141752_000000452049_00153_22752_9771.N1	07-JUL-2006 14:17:52	Dark	45.000	165	34Gam Eri	2.9500	3200.0	90	22752	No
141	GOM_NL__2PRFIN20060707_142631_000000412049_00153_22752_9772.N1	07-JUL-2006 14:26:31	Dark	41.000	157	The1Eri	2.9060	9300.0	82	22752	No
142	GOM_NL__2PRFIN20060707_143242_000000482049_00154_22753_9754.N1	07-JUL-2006 14:32:42	Dark	48.000	9	Alp Eri	0.45300	24000.	96	22753	No
143	GOM_NL__2PRFIN20060707_143655_000000362049_00154_22753_9755.N1	07-JUL-2006 14:36:55	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	22753	No
144	GOM_NL__2PRFIN20060707_144426_000000422049_00154_22753_9756.N1	07-JUL-2006 14:44:26	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	22753	No
145	GOM_NL__2PRFIN20060707_144917_000000372049_00154_22753_9757.N1	07-JUL-2006 14:49:17	Twi_and_stray	36.500	147	Alp Ara	2.8770	26000.	73	22753	No
146	GOM_NL__2PRFIN20060707_145107_000000382049_00154_22753_9758.N1	07-JUL-2006 14:51:07	Twi_and_stray	38.000	40	The Sco	1.8590	7100.0	76	22753	No
147	GOM_NL__2PRFIN20060707_145246_000000382049_00154_22753_9759.N1	07-JUL-2006 14:52:46	Twi_and_stray	37.500	25	35Lam Sco	1.6200	28000.	75	22753	No
148	GOM_NL__2PRFIN20060707_145414_000000482049_00154_22753_9760.N1	07-JUL-2006 14:54:14	Bright	47.500	116	19Del Sgr	2.7000	4100.0	95	22753	No
149	GOM_NL__2PRFIN20060707_145524_000000472049_00154_22753_9761.N1	07-JUL-2006 14:55:24	Bright	47.000	137	22Lam Sgr	2.8240	4400.0	94	22753	No
150	GOM_NL__2PRFIN20060707_145855_000000362049_00154_22753_9762.N1	07-JUL-2006 14:58:55	Bright	35.500	86	35Eta Oph	2.4300	10200.	71	22753	No
151	GOM_NL__2PRFIN20060707_150421_000000352049_00154_22753_9763.N1	07-JUL-2006 15:04:21	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	22753	No
152	GOM_NL__2PRFIN20060707_150639_000000362049_00154_22753_9764.N1	07-JUL-2006 15:06:39	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	22753	No
153	GOM_NL__2PRFIN20060707_150939_000000372049_00154_22753_9765.N1	07-JUL-2006 15:09:39	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	22753	No
154	GOM_NL__2PRFIN20060707_151217_000000362049_00154_22753_9766.N1	07-JUL-2006 15:12:17	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	22753	No
155	GOM_NL__2PRFIN20060707_151756_000000382049_00154_22753_9767.N1	07-JUL-2006 15:17:56	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	22753	No
156	GOM_NL__2PRFIN20060707_152037_000000362049_00154_22753_9768.N1	07-JUL-2006 15:20:37	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22753	No
157	GOM_NL__2PRFIN20060707_152444_000000362049_00154_22753_9769.N1	07-JUL-2006 15:24:44	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	22753	No
158	GOM_NL__2PRFIN20060707_152842_000000362049_00154_22753_9770.N1	07-JUL-2006 15:28:42	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22753	No
159	GOM_NL__2PRFIN20060707_155828_000000442049_00154_22753_9771.N1	07-JUL-2006 15:58:28	Dark	43.500	165	34Gam Eri	2.9500	3200.0	87	22753	No
160	GOM_NL__2PRFIN20060707_160707_000000392049_00154_22753_9772.N1	07-JUL-2006 16:07:07	Dark	39.000	157	The1Eri	2.9060	9300.0	78	22753	No



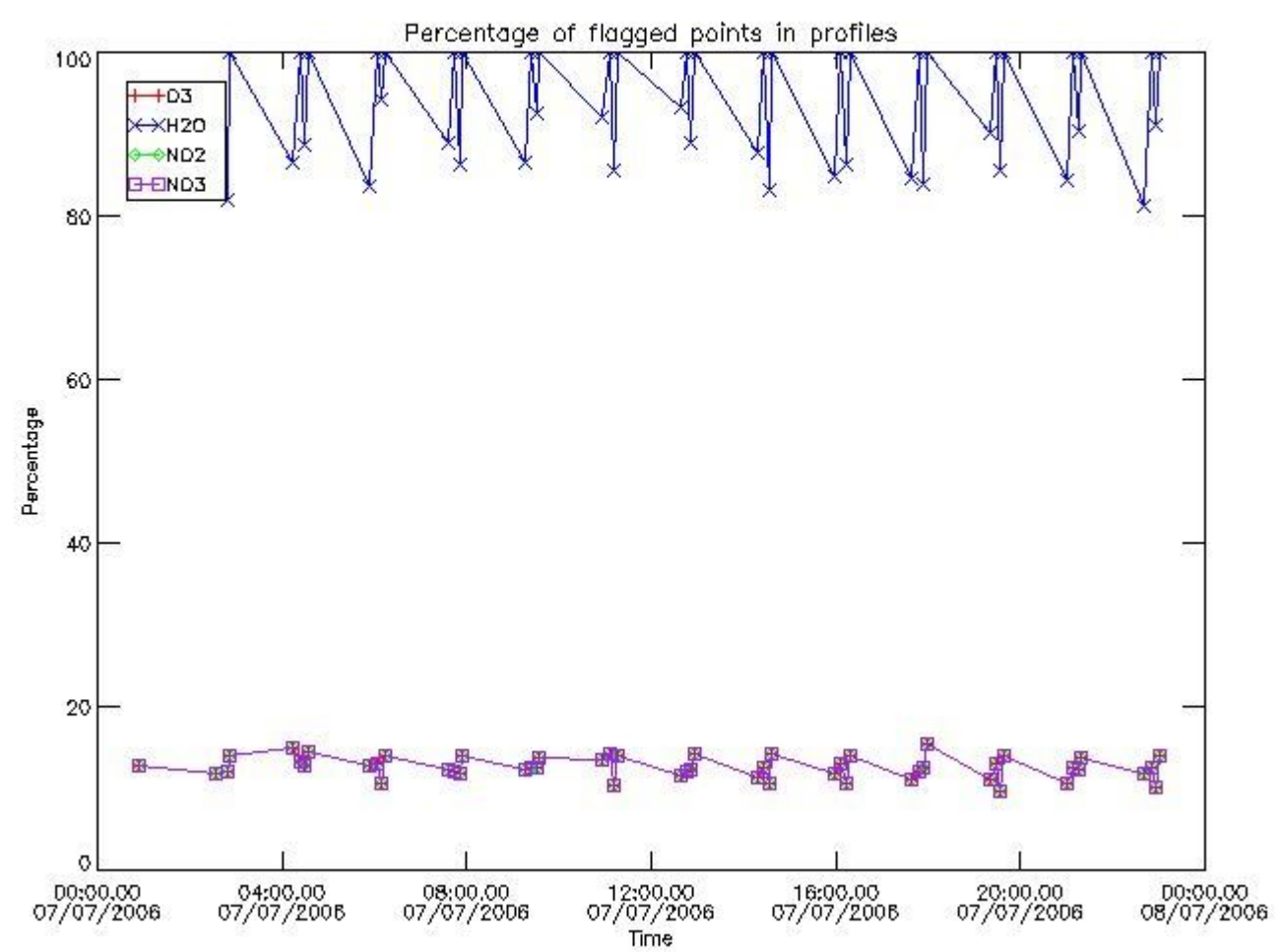
161	GOM_NL__2PRFIN20060707_161319_000000482049_00155_22754_9754.N1	07-JUL-2006 16:13:19	Dark	48.000	9	Alp Eri	0.45300	24000.	96	22754	No
162	GOM_NL__2PRFIN20060707_161732_000000372049_00155_22754_9755.N1	07-JUL-2006 16:17:32	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22754	No
163	GOM_NL__2PRFIN20060707_162503_000000412049_00155_22754_9756.N1	07-JUL-2006 16:25:03	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	22754	No
164	GOM_NL__2PRFIN20060707_162953_000000362049_00155_22754_9757.N1	07-JUL-2006 16:29:53	Twi_and_stray	36.000	147	Alp Ara	2.8770	26000.	72	22754	No
165	GOM_NL__2PRFIN20060707_163143_000000432049_00155_22754_9758.N1	07-JUL-2006 16:31:43	Twi_and_stray	43.000	40	The Sco	1.8590	7100.0	86	22754	No
166	GOM_NL__2PRFIN20060707_163322_000000382049_00155_22754_9759.N1	07-JUL-2006 16:33:22	Twi_and_stray	37.500	25	35Lam Sco	1.6200	28000.	75	22754	No
167	GOM_NL__2PRFIN20060707_163450_000000422049_00155_22754_9760.N1	07-JUL-2006 16:34:50	Bright	41.500	116	19Del Sgr	2.7000	4100.0	83	22754	No
168	GOM_NL__2PRFIN20060707_163600_000000392049_00155_22754_9761.N1	07-JUL-2006 16:36:00	Bright	39.000	137	22Lam Sgr	2.8240	4400.0	78	22754	No
169	GOM_NL__2PRFIN20060707_163932_000000372049_00155_22754_9762.N1	07-JUL-2006 16:39:32	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	22754	No
170	GOM_NL__2PRFIN20060707_164457_000000362049_00155_22754_9763.N1	07-JUL-2006 16:44:57	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	22754	No
171	GOM_NL__2PRFIN20060707_164715_000000372049_00155_22754_9764.N1	07-JUL-2006 16:47:15	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	22754	No
172	GOM_NL__2PRFIN20060707_165015_000000352049_00155_22754_9765.N1	07-JUL-2006 16:50:15	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	22754	No
173	GOM_NL__2PRFIN20060707_165253_000000342049_00155_22754_9766.N1	07-JUL-2006 16:52:53	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	22754	No
174	GOM_NL__2PRFIN20060707_165832_000000362049_00155_22754_9767.N1	07-JUL-2006 16:58:32	Bright	36.000	130	23Bet Dra	2.7990	5800.0	72	22754	No
175	GOM_NL__2PRFIN20060707_170113_000000362049_00155_22754_9768.N1	07-JUL-2006 17:01:13	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22754	No
176	GOM_NL__2PRFIN20060707_170520_000000362049_00155_22754_9769.N1	07-JUL-2006 17:05:20	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	22754	No
177	GOM_NL__2PRFIN20060707_170918_000000362049_00155_22754_9770.N1	07-JUL-2006 17:09:18	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	22754	No
178	GOM_NL__2PRFIN20060707_173904_000000462049_00155_22754_9771.N1	07-JUL-2006 17:39:04	Dark	45.500	165	34Gam Eri	2.9500	3200.0	91	22754	No
179	GOM_NL__2PRFIN20060707_174744_000000422049_00155_22754_9772.N1	07-JUL-2006 17:47:44	Dark	42.000	157	The1Eri	2.9060	9300.0	84	22754	No
180	GOM_NL__2PRFIN20060707_175355_000000412049_00156_22755_9774.N1	07-JUL-2006 17:53:55	Dark	41.000	9	Alp Eri	0.45300	24000.	82	22755	No
181	GOM_NL__2PRFIN20060707_175808_000000372049_00156_22755_9775.N1	07-JUL-2006 17:58:08	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22755	No
182	GOM_NL__2PRFIN20060707_180539_000000422049_00156_22755_9776.N1	07-JUL-2006 18:05:39	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	22755	No
183	GOM_NL__2PRFIN20060707_181029_000000362049_00156_22755_9777.N1	07-JUL-2006 18:10:29	Twi_and_stray	35.500	147	Alp Ara	2.8770	26000.	71	22755	No
184	GOM_NL__2PRFIN20060707_181219_000000432049_00156_22755_9778.N1	07-JUL-2006 18:12:19	Twi_and_stray	42.500	40	The Sco	1.8590	7100.0	85	22755	No
185	GOM_NL__2PRFIN20060707_181359_000000392049_00156_22755_9779.N1	07-JUL-2006 18:13:59	Twi_and_stray	39.000	25	35Lam Sco	1.6200	28000.	78	22755	No
186	GOM_NL__2PRFIN20060707_181526_000000522049_00156_22755_9780.N1	07-JUL-2006 18:15:26	Bright	52.000	116	19Del Sgr	2.7000	4100.0	104	22755	No
187	GOM_NL__2PRFIN20060707_181636_000000472049_00156_22755_9781.N1	07-JUL-2006 18:16:36	Bright	46.500	137	22Lam Sgr	2.8240	4400.0	93	22755	No
188	GOM_NL__2PRFIN20060707_182008_000000372049_00156_22755_9782.N1	07-JUL-2006 18:20:08	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	22755	No
189	GOM_NL__2PRFIN20060707_182533_000000352049_00156_22755_9783.N1	07-JUL-2006 18:25:33	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	22755	No
190	GOM_NL__2PRFIN20060707_182751_000000372049_00156_22755_9784.N1	07-JUL-2006 18:27:51	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	22755	No
191	GOM_NL__2PRFIN20060707_183051_000000372049_00156_22755_9785.N1	07-JUL-2006 18:30:51	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	22755	No
192	GOM_NL__2PRFIN20060707_183329_000000352049_00156_22755_9786.N1	07-JUL-2006 18:33:29	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	22755	No
193	GOM_NL__2PRFIN20060707_183908_000000372049_00156_22755_9787.N1	07-JUL-2006 18:39:08	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	22755	No
194	GOM_NL__2PRFIN20060707_184149_000000362049_00156_22755_9788.N1	07-JUL-2006 18:41:49	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22755	No
195	GOM_NL__2PRFIN20060707_184556_000000362049_00156_22755_9789.N1	07-JUL-2006 18:45:56	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	22755	No
196	GOM_NL__2PRFIN20060707_184954_000000352049_00156_22755_9790.N1	07-JUL-2006 18:49:54	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	22755	No
197	GOM_NL__2PRFIN20060707_191941_000000462049_00156_22755_9791.N1	07-JUL-2006 19:19:41	Dark	46.000	165	34Gam Eri	2.9500	3200.0	92	22755	No
198	GOM_NL__2PRFIN20060707_192820_000000402049_00156_22755_9792.N1	07-JUL-2006 19:28:20	Dark	39.500	157	The1Eri	2.9060	9300.0	79	22755	No
199	GOM_NL__2PRFIN20060707_193432_000000532049_00157_22756_9774.N1	07-JUL-2006 19:34:32	Dark	52.500	9	Alp Eri	0.45300	24000.	105	22756	No
200	GOM_NL__2PRFIN20060707_193844_000000372049_00157_22756_9775.N1	07-JUL-2006 19:38:44	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22756	No
201	GOM_NL__2PRFIN20060707_194616_000000402049_00157_22756_9776.N1	07-JUL-2006 19:46:16	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	22756	No
202	GOM_NL__2PRFIN20060707_195105_000000372049_00157_22756_9777.N1	07-JUL-2006 19:51:05	Twi_and_stray	36.500	147	Alp Ara	2.8770	26000.	73	22756	No
203	GOM_NL__2PRFIN20060707_195255_000000422049_00157_22756_9778.N1	07-JUL-2006 19:52:55	Twi_and_stray	42.000	40	The Sco	1.8590	7100.0	84	22756	No
204	GOM_NL__2PRFIN20060707_195435_000000392049_00157_22756_9779.N1	07-JUL-2006 19:54:35	Twi_and_stray	38.500	25	35Lam Sco	1.6200	28000.	77	22756	No
205	GOM_NL__2PRFIN20060707_195602_000000462049_00157_22756_9780.N1	07-JUL-2006 19:56:02	Bright	46.000	116	19Del Sgr	2.7000	4100.0	92	22756	No
206	GOM_NL__2PRFIN20060707_200044_000000372049_00157_22756_9781.N1	07-JUL-2006 20:00:44	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	22756	No
207	GOM_NL__2PRFIN20060707_200609_000000362049_00157_22756_9782.N1	07-JUL-2006 20:06:09	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	22756	No
208	GOM_NL__2PRFIN20060707_200827_000000362049_00157_22756_9783.N1	07-JUL-2006 20:08:27	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	22756	No
209	GOM_NL__2PRFIN20060707_201127_000000362049_00157_22756_9784.N1	07-JUL-2006 20:11:27	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	22756	No
210	GOM_NL__2PRFIN20060707_201405_000000362049_00157_22756_9785.N1	07-JUL-2006 20:14:05	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	22756	No
211	GOM_NL__2PRFIN20060707_201944_000000362049_00157_22756_9786.N1	07-JUL-2006 20:19:44	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	22756	No
212	GOM_NL__2PRFIN20060707_202225_000000362049_00157_22756_9787.N1	07-JUL-2006 20:22:25	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22756	No
213	GOM_NL__2PRFIN20060707_202632_000000332049_00157_22756_9788.N1	07-JUL-2006 20:26:32	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	22756	No
214	GOM_NL__2PRFIN20060707_203030_000000332049_00157_22756_9789.N1	07-JUL-2006 20:30:30	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	22756	No
215	GOM_NL__2PRFIN20060707_210017_000000482049_00157_22756_9790.N1	07-JUL-2006 21:00:17	Dark	48.000	165	34Gam Eri	2.9500	3200.0	96	22756	No
216	GOM_NL__2PRFIN20060707_210857_000000412049_00157_22756_9791.N1	07-JUL-2006 21:08:57	Dark	40.500	157	The1Eri	2.9060	9300.0	81	22756	No
217	GOM_NL__2PRFIN20060707_211508_000000422049_00158_22757_9774.N1	07-JUL-2006 21:15:08	Dark	41.500	9	Alp Eri	0.45300	24000.	83	22757	No
218	GOM_NL__2PRFIN20060707_211920_000000372049_00158_22757_9775.N1	07-JUL-2006 21:19:20	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22757	No
219	GOM_NL__2PRFIN20060707_212652_000000392049_00158_22757_9776.N1	07-JUL-2006 21:26:52	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	22757	No

220	GOM_NL__2PRFIN20060707_213141_000000382049_00158_22757_9777.N1	07-JUL-2006 21:31:41	Twilight	37.500	147	Alp Ara	2.8770	26000.	75	22757	No
221	GOM_NL__2PRFIN20060707_213331_000000392049_00158_22757_9778.N1	07-JUL-2006 21:33:31	Twilight	38.500	40	The Sco	1.8590	7100.0	77	22757	No
222	GOM_NL__2PRFIN20060707_213511_000000392049_00158_22757_9779.N1	07-JUL-2006 21:35:11	Twilight	38.500	25	35Lam Sco	1.6200	28000.	77	22757	No
223	GOM_NL__2PRFIN20060707_213638_000000412049_00158_22757_9780.N1	07-JUL-2006 21:36:38	Bright	40.500	116	19Del Sgr	2.7000	4100.0	81	22757	No
224	GOM_NL__2PRFIN20060707_214120_000000372049_00158_22757_9781.N1	07-JUL-2006 21:41:20	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	22757	No
225	GOM_NL__2PRFIN20060707_214645_000000362049_00158_22757_9782.N1	07-JUL-2006 21:46:45	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	22757	No
226	GOM_NL__2PRFIN20060707_214903_000000362049_00158_22757_9783.N1	07-JUL-2006 21:49:03	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	22757	No
227	GOM_NL__2PRFIN20060707_215203_000000352049_00158_22757_9784.N1	07-JUL-2006 21:52:03	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	22757	No
228	GOM_NL__2PRFIN20060707_215441_000000372049_00158_22757_9785.N1	07-JUL-2006 21:54:41	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	22757	No
229	GOM_NL__2PRFIN20060707_220020_000000332049_00158_22757_9786.N1	07-JUL-2006 22:00:20	Bright	33.000	130	23Bet Dra	2.7990	5800.0	66	22757	No
230	GOM_NL__2PRFIN20060707_220301_000000372049_00158_22757_9787.N1	07-JUL-2006 22:03:01	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	22757	No
231	GOM_NL__2PRFIN20060707_220708_000000362049_00158_22757_9788.N1	07-JUL-2006 22:07:08	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	22757	No
232	GOM_NL__2PRFIN20060707_221106_000000352049_00158_22757_9789.N1	07-JUL-2006 22:11:06	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	22757	No
233	GOM_NL__2PRFIN20060707_224053_000000432049_00158_22757_9790.N1	07-JUL-2006 22:40:53	Dark	43.000	165	34Gam Eri	2.9500	3200.0	86	22757	No
234	GOM_NL__2PRFIN20060707_224933_000000412049_00158_22757_9791.N1	07-JUL-2006 22:49:33	Dark	41.000	157	The1Eri	2.9060	9300.0	82	22757	No
235	GOM_NL__2PRFIN20060707_225544_000000512049_00159_22758_9774.N1	07-JUL-2006 22:55:44	Dark	50.500	9	Alp Eri	0.45300	24000.	101	22758	No
236	GOM_NL__2PRFIN20060707_225956_000000372049_00159_22758_9775.N1	07-JUL-2006 22:59:56	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22758	No
237	GOM_NL__2PRFIN20060707_230728_000000392049_00159_22758_9776.N1	07-JUL-2006 23:07:28	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	22758	No
238	GOM_NL__2PRFIN20060707_231217_000000392049_00159_22758_9777.N1	07-JUL-2006 23:12:17	Twilight	38.500	147	Alp Ara	2.8770	26000.	77	22758	No
239	GOM_NL__2PRFIN20060707_231407_000000402049_00159_22758_9778.N1	07-JUL-2006 23:14:07	Twilight	39.500	40	The Sco	1.8590	7100.0	79	22758	No
240	GOM_NL__2PRFIN20060707_231547_000000392049_00159_22758_9779.N1	07-JUL-2006 23:15:47	Twilight	38.500	25	35Lam Sco	1.6200	28000.	77	22758	No
241	GOM_NL__2PRFIN20060707_231714_000000422049_00159_22758_9780.N1	07-JUL-2006 23:17:14	Bright	42.000	116	19Del Sgr	2.7000	4100.0	84	22758	No
242	GOM_NL__2PRFIN20060707_232156_000000372049_00159_22758_9781.N1	07-JUL-2006 23:21:56	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	22758	No
243	GOM_NL__2PRFIN20060707_232721_000000372049_00159_22758_9782.N1	07-JUL-2006 23:27:21	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	22758	No
244	GOM_NL__2PRFIN20060707_232939_000000362049_00159_22758_9783.N1	07-JUL-2006 23:29:39	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	22758	No
245	GOM_NL__2PRFIN20060707_233239_000000372049_00159_22758_9784.N1	07-JUL-2006 23:32:39	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	22758	No
246	GOM_NL__2PRFIN20060707_233517_000000352049_00159_22758_9785.N1	07-JUL-2006 23:35:17	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	22758	No
247	GOM_NL__2PRFIN20060707_234056_000000362049_00159_22758_9786.N1	07-JUL-2006 23:40:56	Bright	36.000	130	23Bet Dra	2.7990	5800.0	72	22758	No
248	GOM_NL__2PRFIN20060707_234337_000000372049_00159_22758_9787.N1	07-JUL-2006 23:43:37	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	22758	No
249	GOM_NL__2PRFIN20060707_234744_000000332049_00159_22758_9788.N1	07-JUL-2006 23:47:44	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	22758	No
250	GOM_NL__2PRFIN20060707_235142_000000342049_00159_22758_9789.N1	07-JUL-2006 23:51:42	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	22758	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.

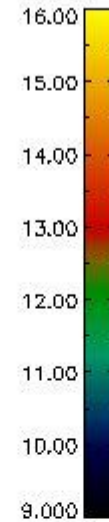
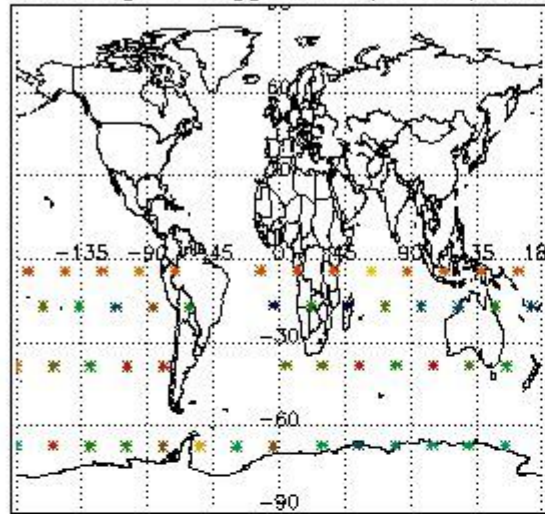
#### 3.1 Plot quality information per product (time dependant)



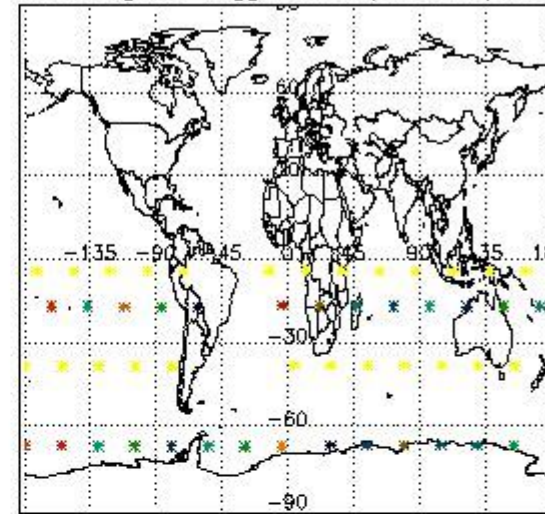
3.2 Plot quality information per product (world map)



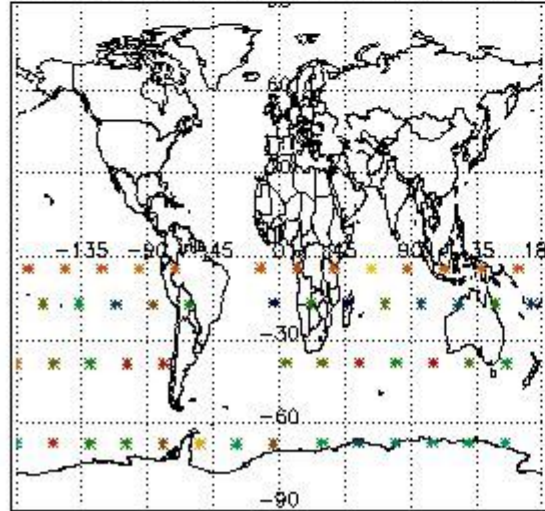
Percentage of flagged data per O3 profile



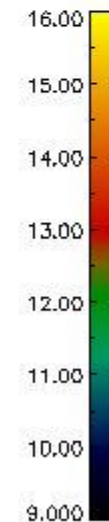
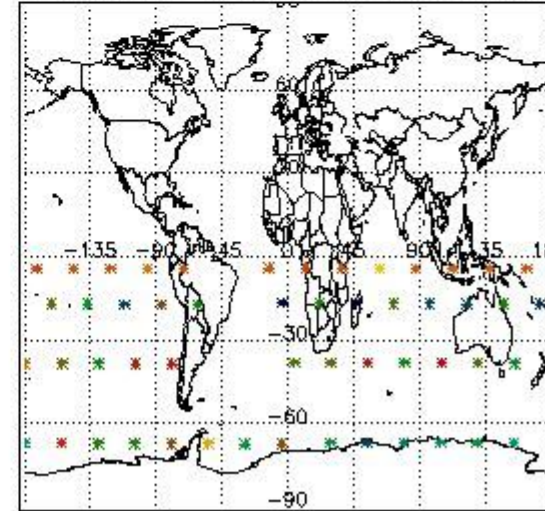
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



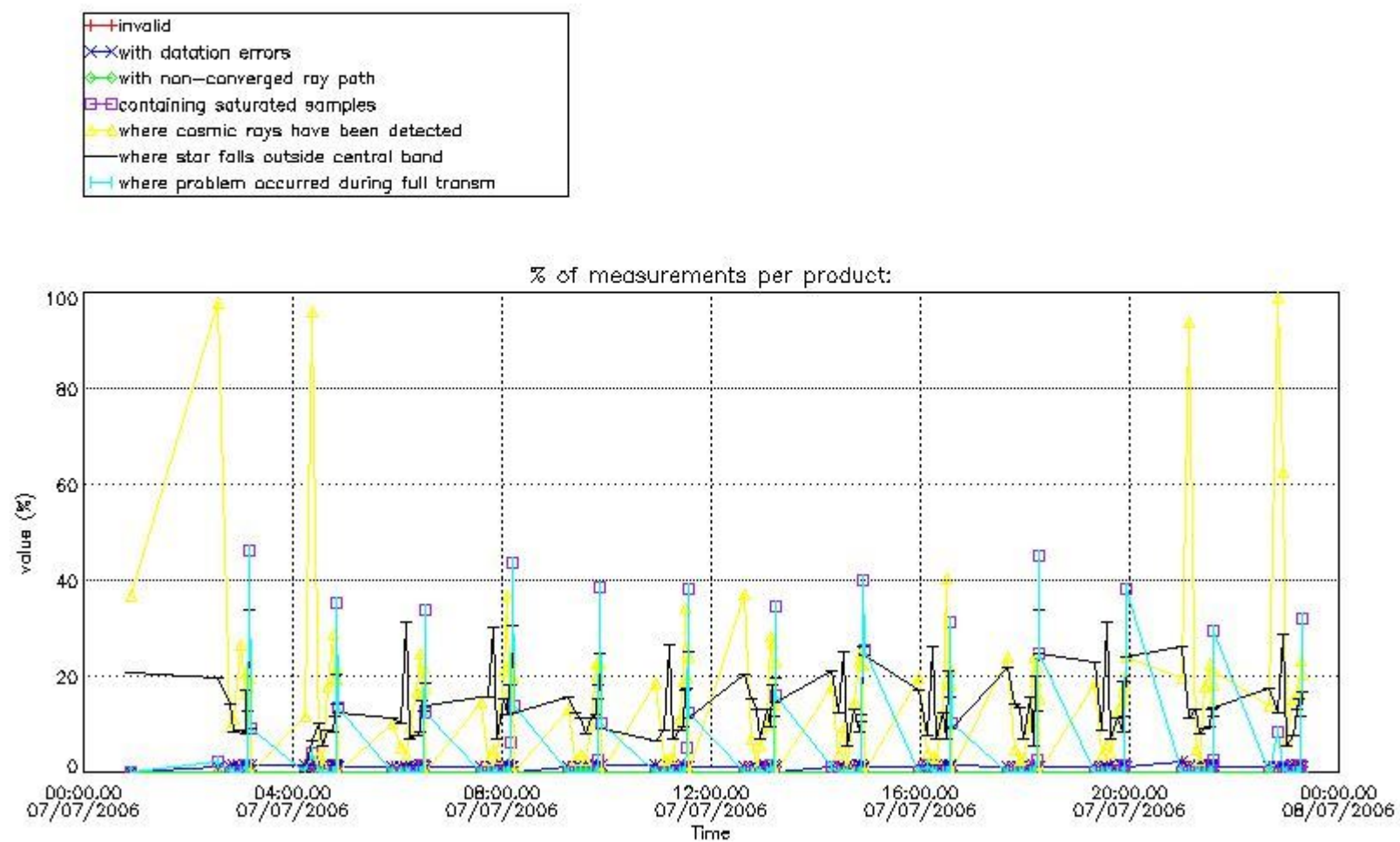
#### 4. Level 1 quality information per product

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.

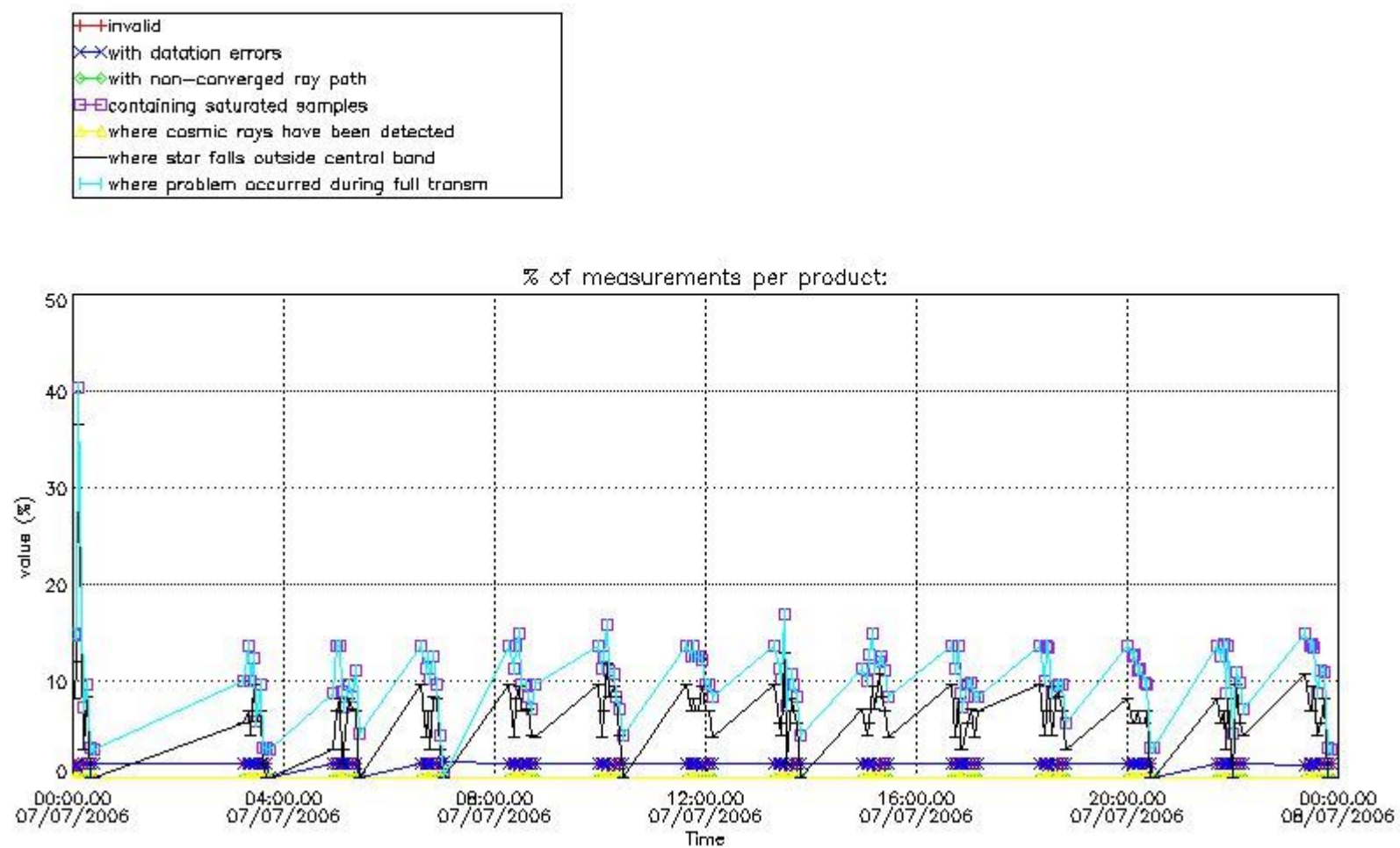
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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



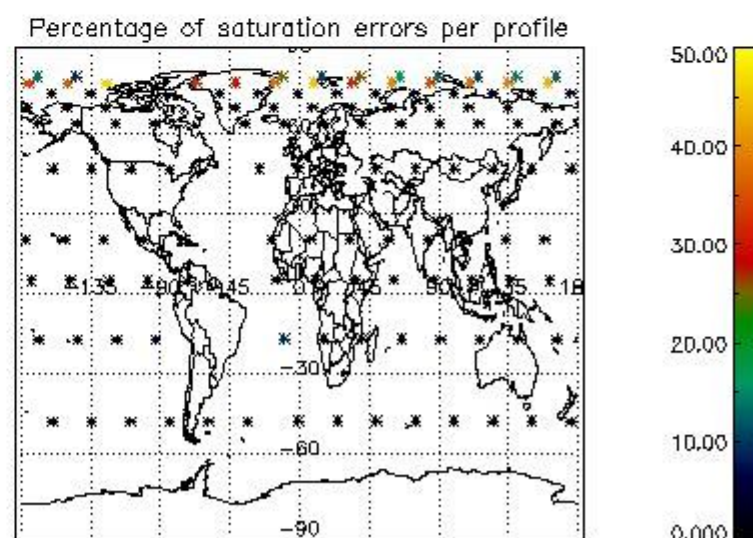
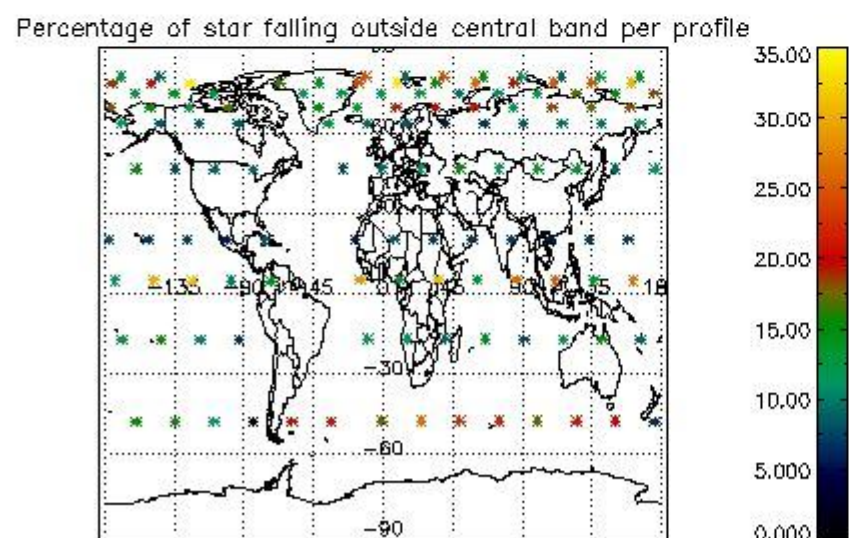
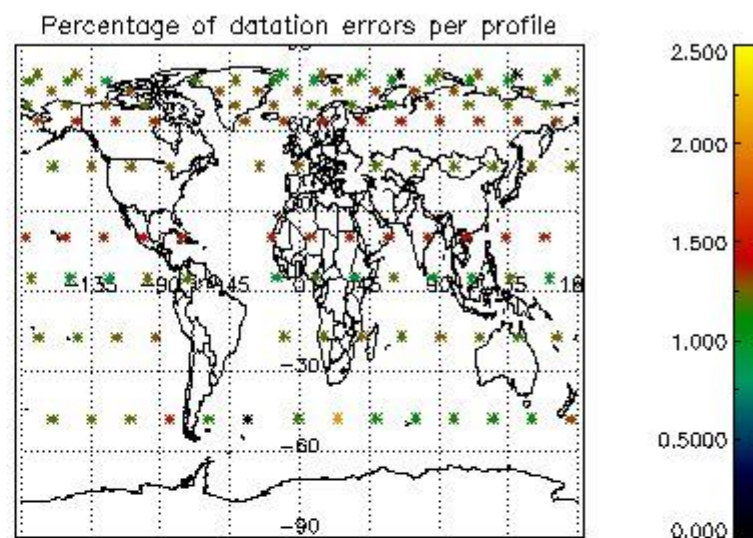
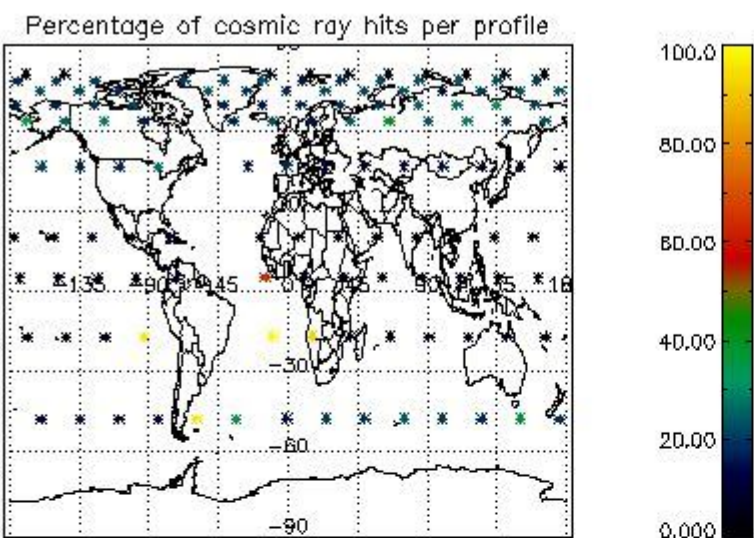


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



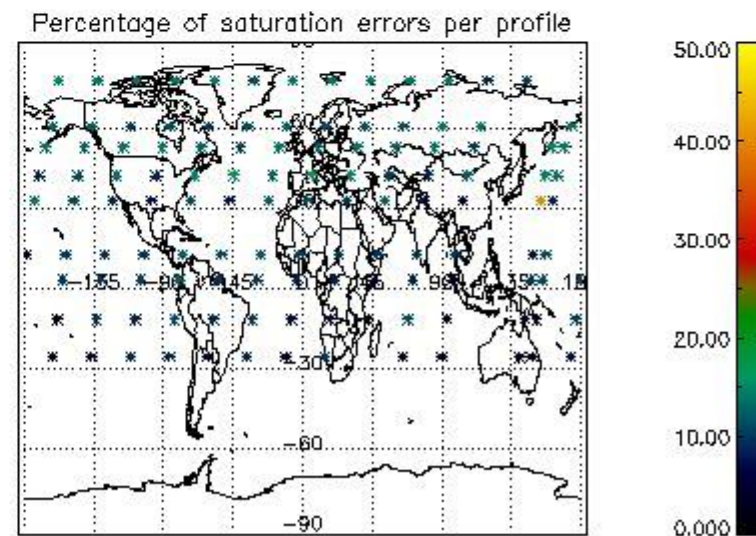
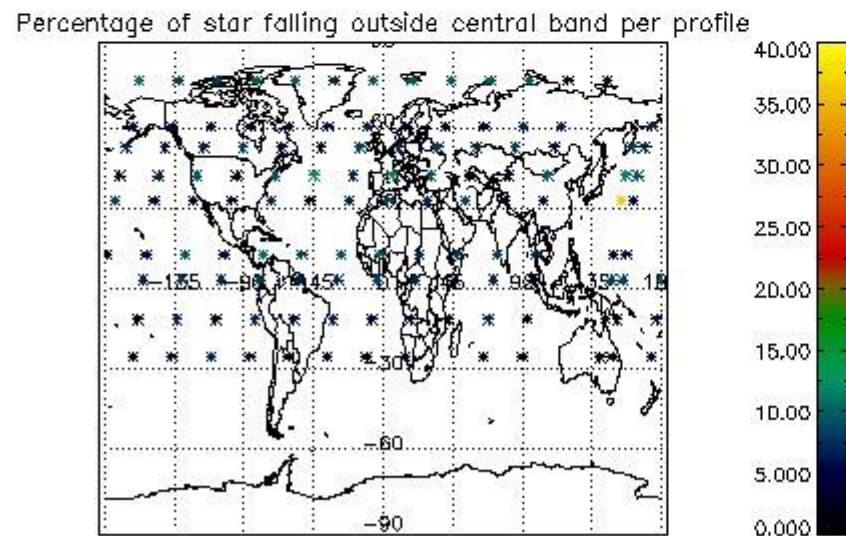
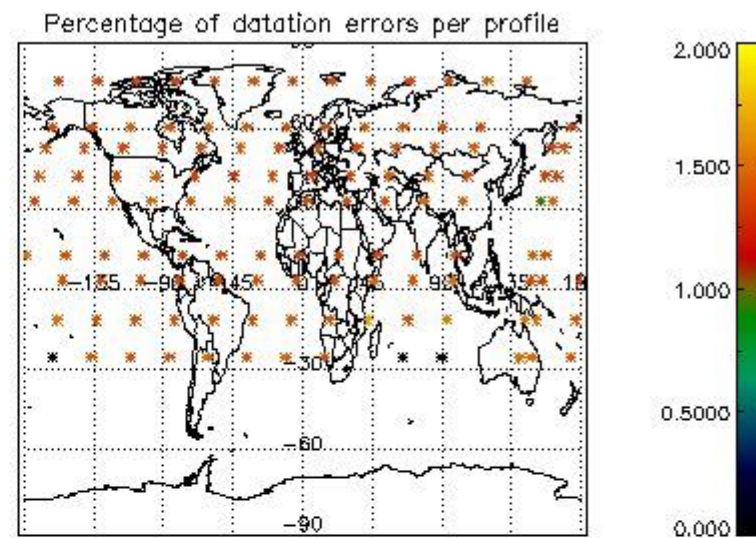
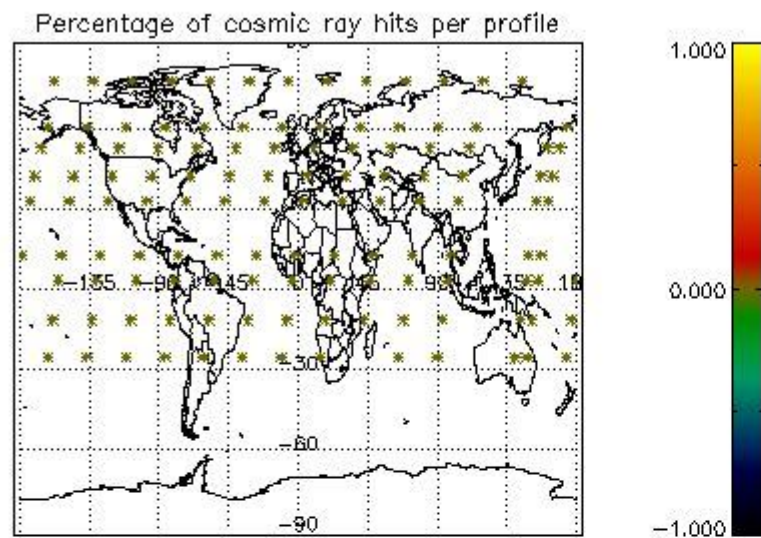
*4.2 Plot quality information per product coming from level 1b processing (world map)*

*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.

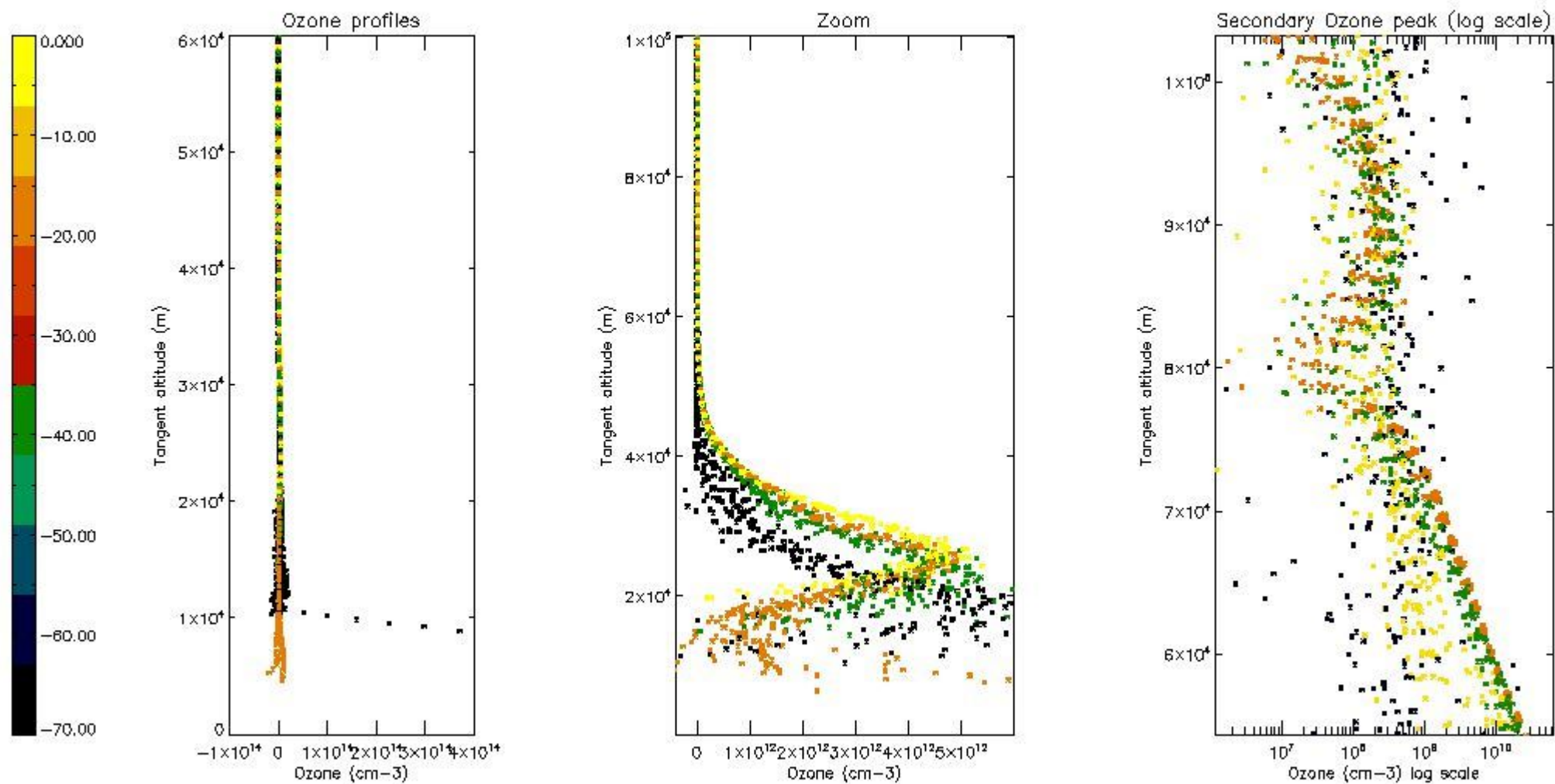
Criteria	% of total production
All STD	24
STD < 20	10



STD < 10	7
STD < 5	4

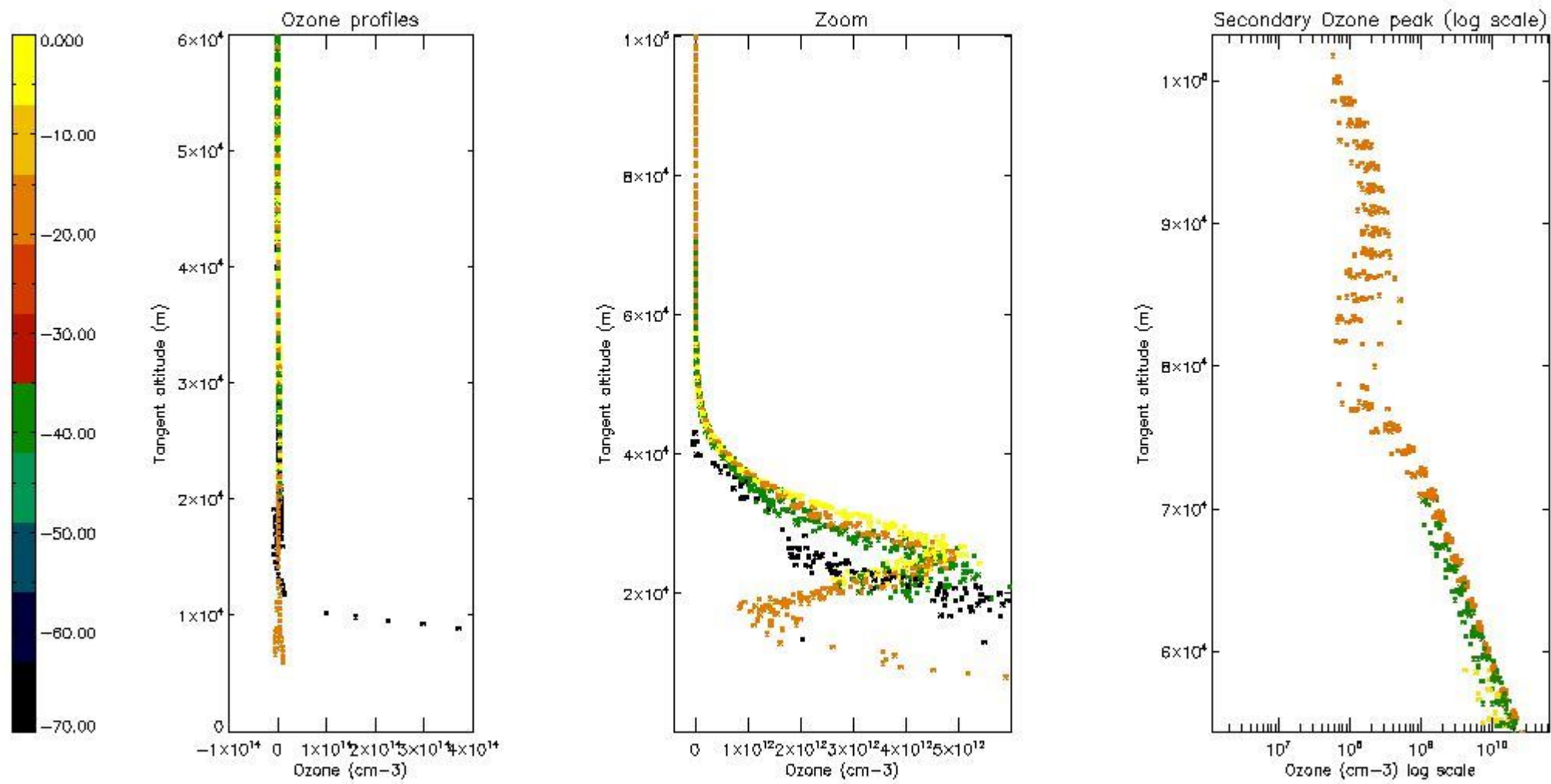
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



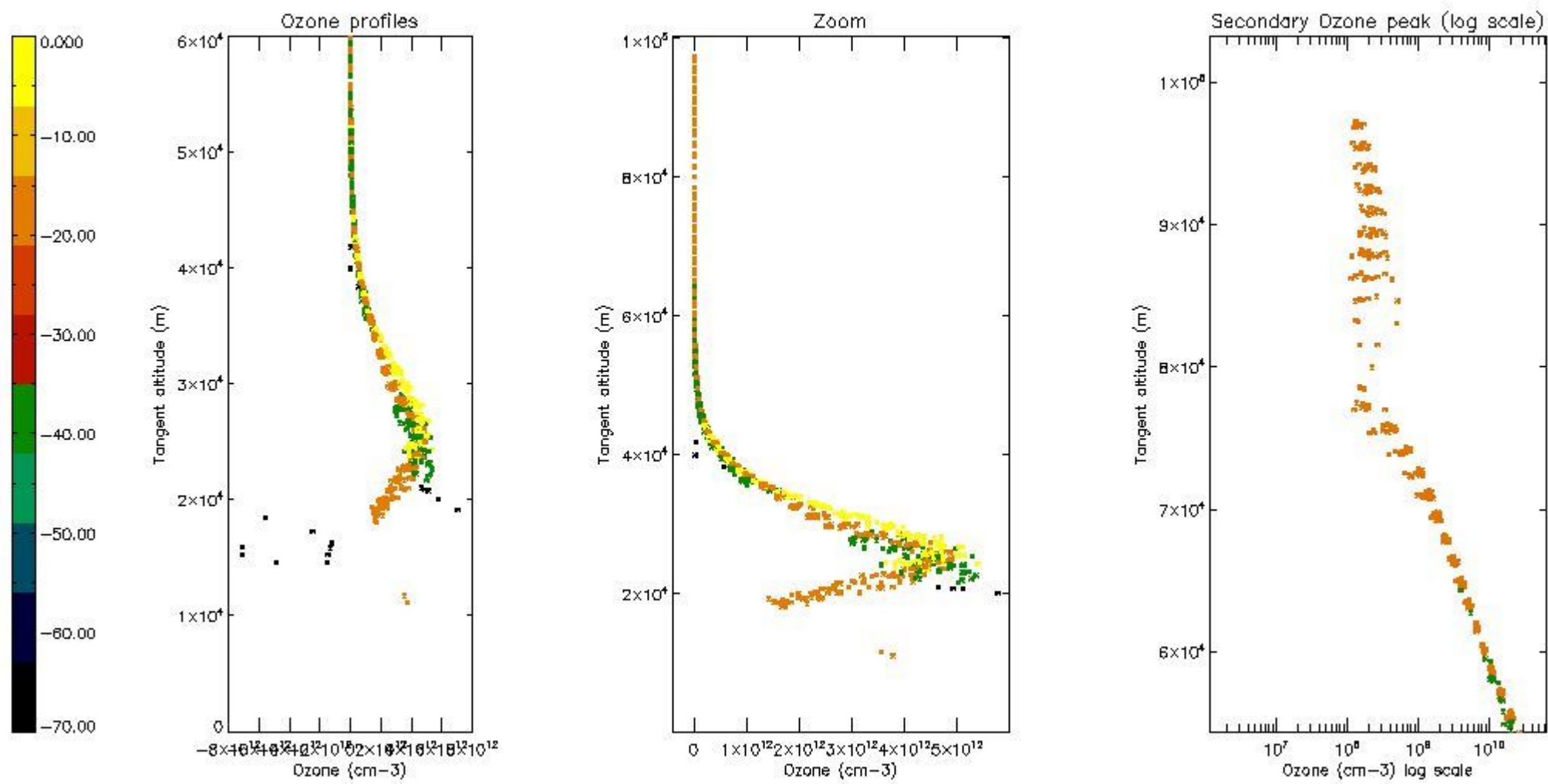
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



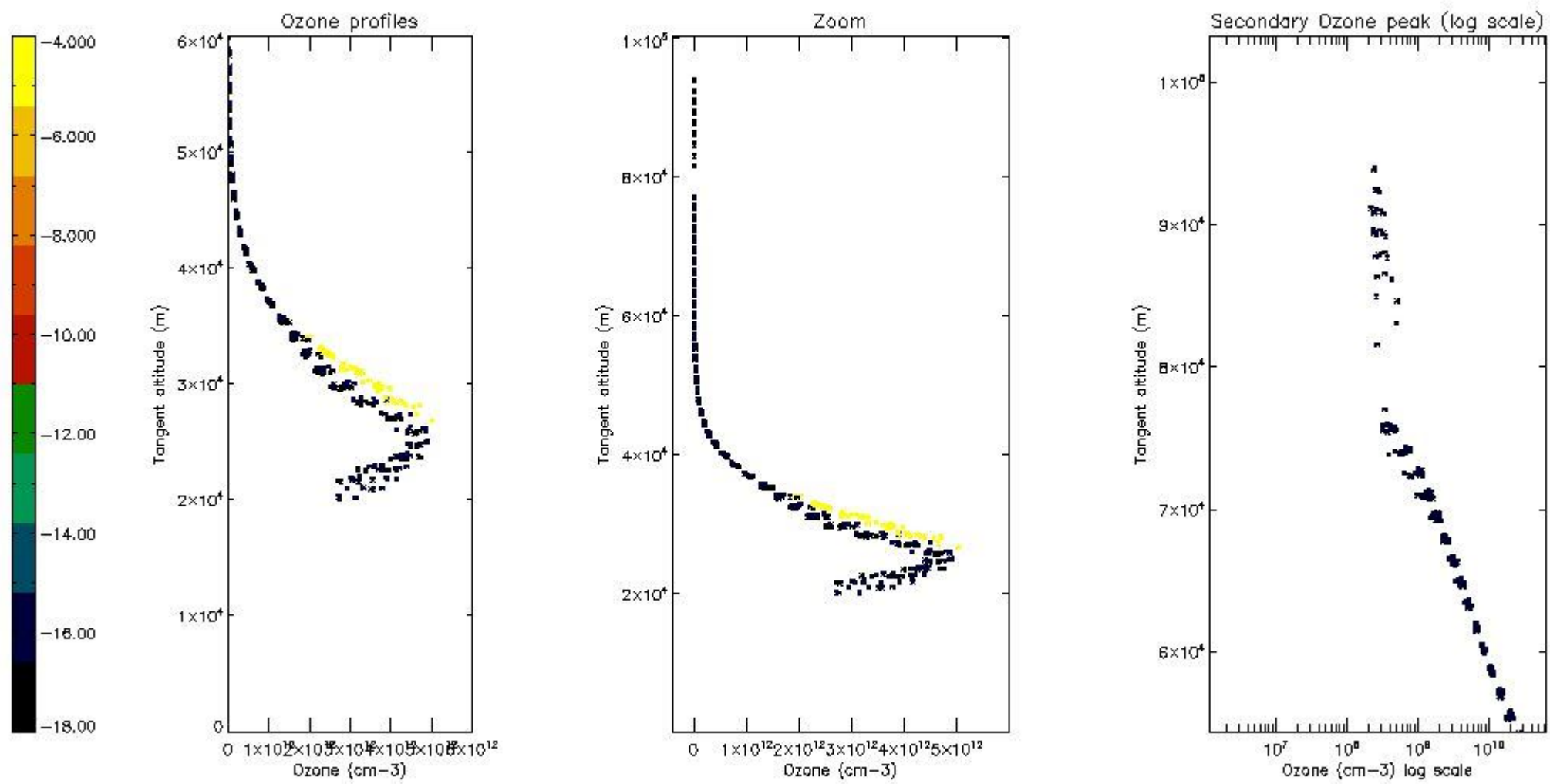
*5.4 Plot ozone profiles where  $STD < 10\%$  (dark without errors)*

The colorbar represents the latitude.



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

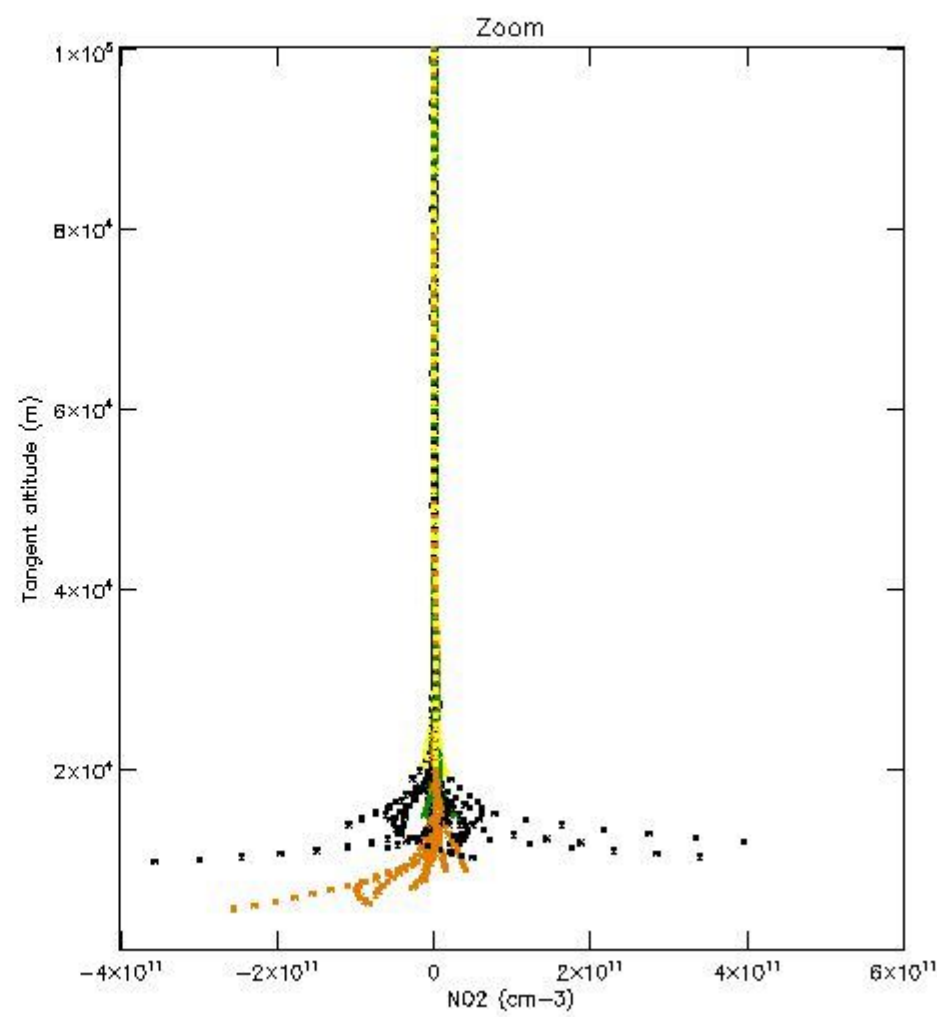
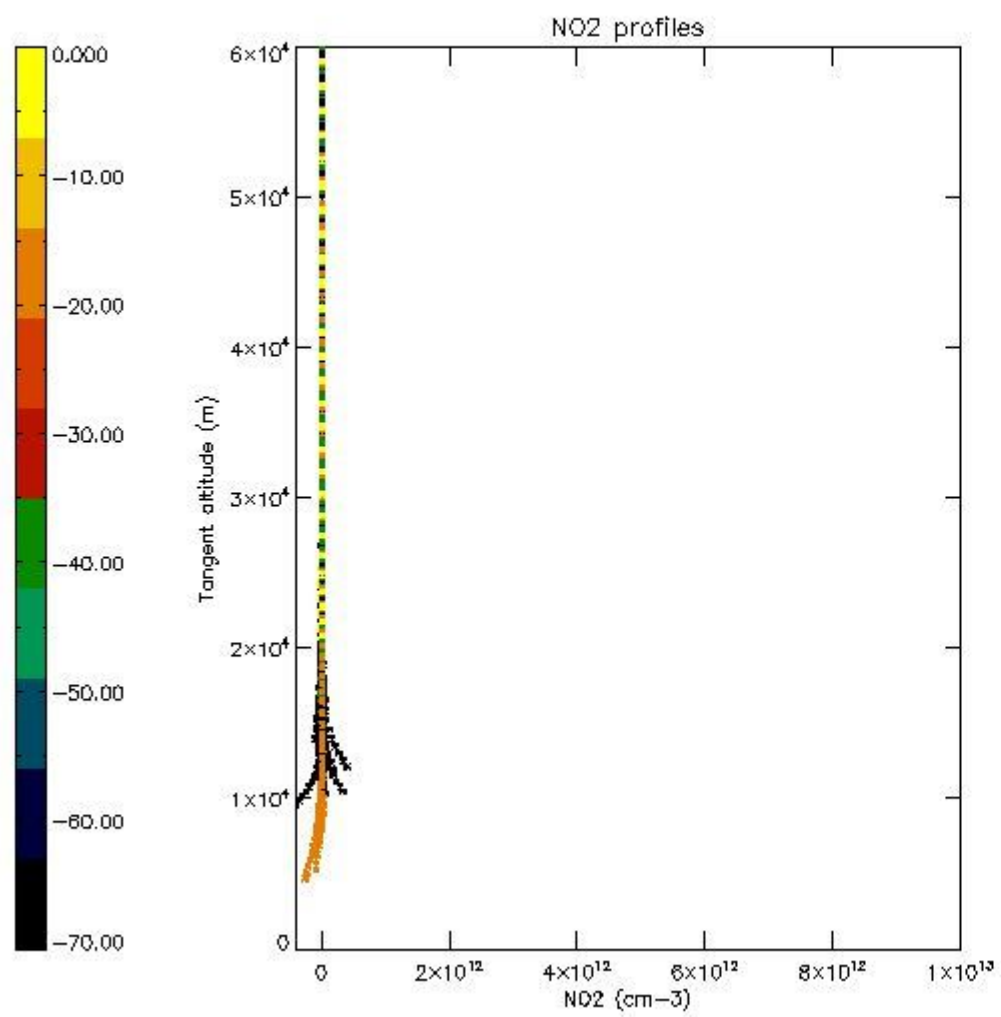
The colorbar represents the latitude.



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

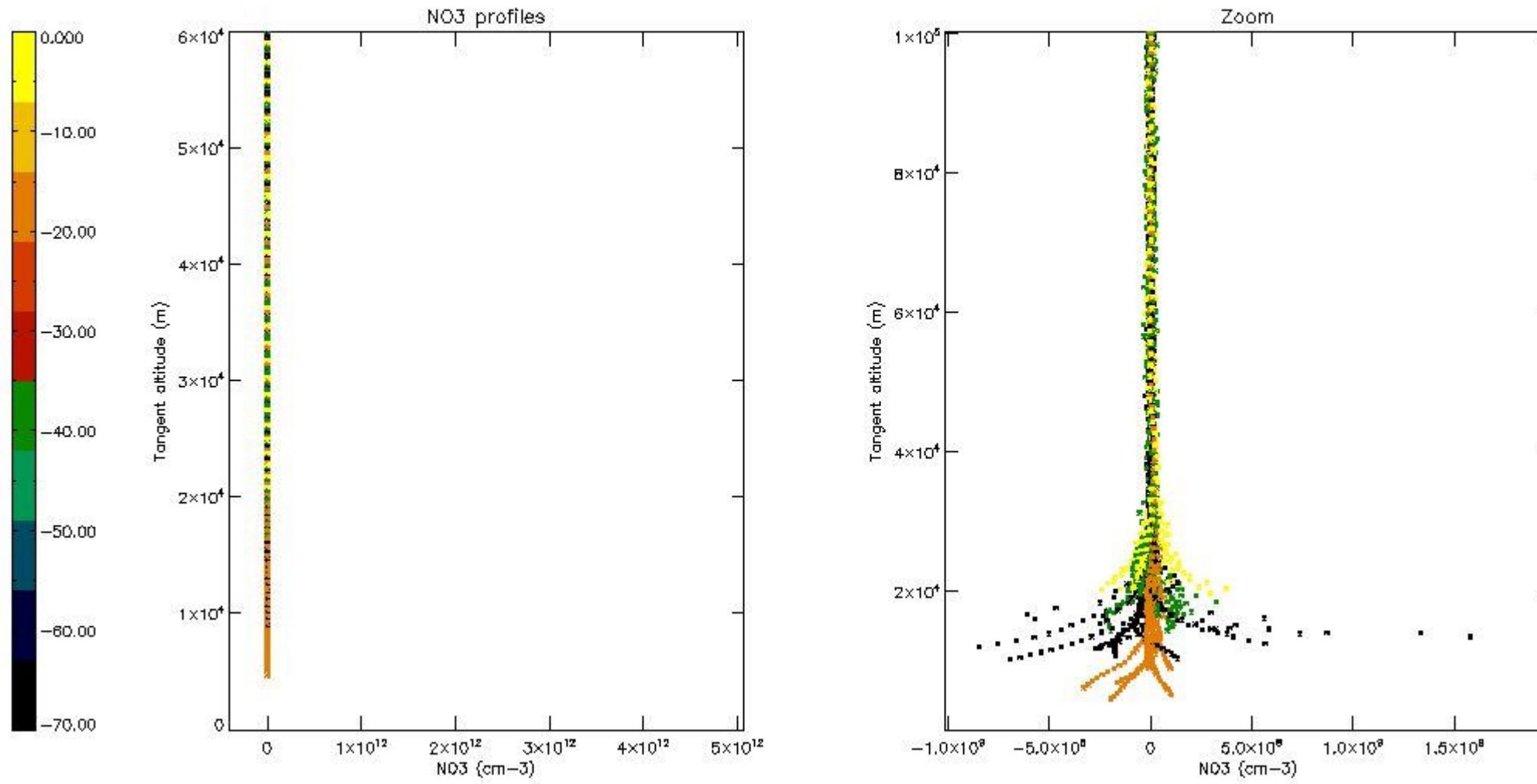
The colorbar represents the latitude.





*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	07-JUL-2006 00:01:16
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	07-JUL-2006 00:01:16
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	07-JUL-2006 00:01:16

# 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 01:18:16
Data source version	GOMOS/6.01
Start time of products	07-07-2006 (07JUL2006 00:00:00)
Stop time of products	08-07-2006 (08JUL2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	250
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__2PRFIN20060707_000116_000000372049_00145_22744_9744.N1	07-JUL-2006 00:01:16	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	22744	No
2	GOM_NL__2PRFIN20060707_000413_000000382049_00145_22744_9745.N1	07-JUL-2006 00:04:13	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	22744	No
3	GOM_NL__2PRFIN20060707_000652_000000522049_00145_22744_9746.N1	07-JUL-2006 00:06:52	Bright	52.000	133	40Zet Her	2.8070	6000.0	104	22744	No
4	GOM_NL__2PRFIN20060707_001234_000000352049_00145_22744_9747.N1	07-JUL-2006 00:12:34	Bright	34.500	130	23Bet Dra	2.7990	5800.0	69	22744	No
5	GOM_NL__2PRFIN20060707_001512_000000362049_00145_22744_9748.N1	07-JUL-2006 00:15:12	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22744	No
6	GOM_NL__2PRFIN20060707_001919_000000332049_00145_22744_9749.N1	07-JUL-2006 00:19:19	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	22744	No
7	GOM_NL__2PRFIN20060707_002319_000000342049_00145_22744_9750.N1	07-JUL-2006 00:23:19	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	22744	No
8	GOM_NL__2PRFIN20060707_005301_000000442049_00145_22744_9751.N1	07-JUL-2006 00:53:01	Dark	43.500	165	34Gam Eri	2.9500	3200.0	87	22744	No
9	GOM_NL__2PRFIN20060707_023338_000000442049_00146_22745_9754.N1	07-JUL-2006 02:33:38	Dark	43.500	165	34Gam Eri	2.9500	3200.0	87	22745	No
10	GOM_NL__2PRFIN20060707_024827_000000422049_00147_22746_9754.N1	07-JUL-2006 02:48:27	Dark	42.000	9	Alp Eri	0.45300	24000.	84	22746	No
11	GOM_NL__2PRFIN20060707_025242_000000372049_00147_22746_9755.N1	07-JUL-2006 02:52:42	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22746	No
12	GOM_NL__2PRFIN20060707_030012_000000402049_00147_22746_9756.N1	07-JUL-2006 03:00:12	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	22746	No
13	GOM_NL__2PRFIN20060707_030504_000000372049_00147_22746_9757.N1	07-JUL-2006 03:05:04	Twi_and_stray	37.000	147	Alp Ara	2.8770	26000.	74	22746	No
14	GOM_NL__2PRFIN20060707_030654_000000412049_00147_22746_9758.N1	07-JUL-2006 03:06:54	Twi_and_stray	41.000	40	The Sco	1.8590	7100.0	82	22746	No
15	GOM_NL__2PRFIN20060707_030833_000000392049_00147_22746_9759.N1	07-JUL-2006 03:08:33	Twi_and_stray	39.000	25	35Lam Sco	1.6200	28000.	78	22746	No
16	GOM_NL__2PRFIN20060707_031001_000000532049_00147_22746_9760.N1	07-JUL-2006 03:10:01	Bright	53.000	116	19Del Sgr	2.7000	4100.0	106	22746	No
17	GOM_NL__2PRFIN20060707_031111_000000392049_00147_22746_9761.N1	07-JUL-2006 03:11:11	Bright	39.000	137	22Lam Sgr	2.8240	4400.0	78	22746	No
18	GOM_NL__2PRFIN20060707_031443_000000352049_00147_22746_9762.N1	07-JUL-2006 03:14:43	Bright	35.000	86	35Eta Oph	2.4300	10200.	70	22746	No
19	GOM_NL__2PRFIN20060707_032009_000000372049_00147_22746_9763.N1	07-JUL-2006 03:20:09	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	22746	No
20	GOM_NL__2PRFIN20060707_032228_000000352049_00147_22746_9764.N1	07-JUL-2006 03:22:28	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	22746	No
21	GOM_NL__2PRFIN20060707_032526_000000372049_00147_22746_9765.N1	07-JUL-2006 03:25:26	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	22746	No
22	GOM_NL__2PRFIN20060707_032804_000000352049_00147_22746_9766.N1	07-JUL-2006 03:28:04	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	22746	No
23	GOM_NL__2PRFIN20060707_033345_000000362049_00147_22746_9767.N1	07-JUL-2006 03:33:45	Bright	36.000	130	23Bet Dra	2.7990	5800.0	72	22746	No
24	GOM_NL__2PRFIN20060707_033624_000000332049_00147_22746_9768.N1	07-JUL-2006 03:36:24	Bright	32.500	119	14Eta Dra	2.7270	4700.0	65	22746	No
25	GOM_NL__2PRFIN20060707_034031_000000332049_00147_22746_9769.N1	07-JUL-2006 03:40:31	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	22746	No
26	GOM_NL__2PRFIN20060707_034430_000000342049_00147_22746_9770.N1	07-JUL-2006 03:44:30	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	22746	No
27	GOM_NL__2PRFIN20060707_041414_000000342049_00147_22746_9771.N1	07-JUL-2006 04:14:14	Dark	34.000	165	34Gam Eri	2.9500	3200.0	68	22746	No
28	GOM_NL__2PRFIN20060707_042252_000000392049_00147_22746_9772.N1	07-JUL-2006 04:22:52	Dark	38.500	157	The1Eri	2.9060	9300.0	77	22746	No
29	GOM_NL__2PRFIN20060707_042903_000000402049_00148_22747_9754.N1	07-JUL-2006 04:29:03	Dark	40.000	9	Alp Eri	0.45300	24000.	80	22747	No
30	GOM_NL__2PRFIN20060707_043318_000000362049_00148_22747_9755.N1	07-JUL-2006 04:33:18	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	22747	No
31	GOM_NL__2PRFIN20060707_044048_000000402049_00148_22747_9756.N1	07-JUL-2006 04:40:48	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	22747	No
32	GOM_NL__2PRFIN20060707_044541_000000372049_00148_22747_9757.N1	07-JUL-2006 04:45:41	Twi_and_stray	36.500	147	Alp Ara	2.8770	26000.	73	22747	No
33	GOM_NL__2PRFIN20060707_044730_000000392049_00148_22747_9758.N1	07-JUL-2006 04:47:30	Twi_and_stray	38.500	40	The Sco	1.8590	7100.0	77	22747	No
34	GOM_NL__2PRFIN20060707_044910_000000392049_00148_22747_9759.N1	07-JUL-2006 04:49:10	Twi_and_stray	39.000	25	35Lam Sco	1.6200	28000.	78	22747	No
35	GOM_NL__2PRFIN20060707_045037_000000442049_00148_22747_9760.N1	07-JUL-2006 04:50:37	Bright	44.000	116	19Del Sgr	2.7000	4100.0	88	22747	No
36	GOM_NL__2PRFIN20060707_045147_000000412049_00148_22747_9761.N1	07-JUL-2006 04:51:47	Bright	40.500	137	22Lam Sgr	2.8240	4400.0	81	22747	No
37	GOM_NL__2PRFIN20060707_045519_000000352049_00148_22747_9762.N1	07-JUL-2006 04:55:19	Bright	34.500	86	35Eta Oph	2.4300	10200.	69	22747	No
38	GOM_NL__2PRFIN20060707_050046_000000372049_00148_22747_9763.N1	07-JUL-2006 05:00:46	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	22747	No
39	GOM_NL__2PRFIN20060707_050304_000000372049_00148_22747_9764.N1	07-JUL-2006 05:03:04	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	22747	No
40	GOM_NL__2PRFIN20060707_050602_000000342049_00148_22747_9765.N1	07-JUL-2006 05:06:02	Bright	34.000	127	27Bet Her	2.7810	4700.0	68	22747	No
41	GOM_NL__2PRFIN20060707_050840_000000342049_00148_22747_9766.N1	07-JUL-2006 05:08:40	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	22747	No
42	GOM_NL__2PRFIN20060707_051421_000000372049_00148_22747_9767.N1	07-JUL-2006 05:14:21	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	22747	No



43	GOM_NL__2PRFIN20060707_051700_000000362049_00148_22747_9768.N1	07-JUL-2006 05:17:00	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22747	No
44	GOM_NL__2PRFIN20060707_052107_000000362049_00148_22747_9769.N1	07-JUL-2006 05:21:07	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	22747	No
45	GOM_NL__2PRFIN20060707_052507_000000342049_00148_22747_9770.N1	07-JUL-2006 05:25:07	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	22747	No
46	GOM_NL__2PRFIN20060707_055450_000000402049_00148_22747_9771.N1	07-JUL-2006 05:54:50	Dark	40.000	165	34Gam Eri	2.9500	3200.0	80	22747	No
47	GOM_NL__2PRFIN20060707_060329_000000402049_00148_22747_9772.N1	07-JUL-2006 06:03:29	Dark	39.500	157	The1Eri	2.9060	9300.0	79	22747	No
48	GOM_NL__2PRFIN20060707_060940_000000532049_00149_22748_9754.N1	07-JUL-2006 06:09:40	Dark	53.000	9	Alp Eri	0.45300	24000.	106	22748	No
49	GOM_NL__2PRFIN20060707_061355_000000372049_00149_22748_9755.N1	07-JUL-2006 06:13:55	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22748	No
50	GOM_NL__2PRFIN20060707_062124_000000392049_00149_22748_9756.N1	07-JUL-2006 06:21:24	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	22748	No
51	GOM_NL__2PRFIN20060707_062617_000000372049_00149_22748_9757.N1	07-JUL-2006 06:26:17	Twi_and_stray	36.500	147	Alp Ara	2.8770	26000.	73	22748	No
52	GOM_NL__2PRFIN20060707_062806_000000402049_00149_22748_9758.N1	07-JUL-2006 06:28:06	Twi_and_stray	40.000	40	The Sco	1.8590	7100.0	80	22748	No
53	GOM_NL__2PRFIN20060707_062946_000000392049_00149_22748_9759.N1	07-JUL-2006 06:29:46	Twi_and_stray	39.000	25	35Lam Sco	1.6200	28000.	78	22748	No
54	GOM_NL__2PRFIN20060707_063113_000000432049_00149_22748_9760.N1	07-JUL-2006 06:31:13	Bright	43.000	116	19Del Sgr	2.7000	4100.0	86	22748	No
55	GOM_NL__2PRFIN20060707_063224_000000402049_00149_22748_9761.N1	07-JUL-2006 06:32:24	Bright	40.000	137	22Lam Sgr	2.8240	4400.0	80	22748	No
56	GOM_NL__2PRFIN20060707_063555_000000372049_00149_22748_9762.N1	07-JUL-2006 06:35:55	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	22748	No
57	GOM_NL__2PRFIN20060707_064122_000000362049_00149_22748_9763.N1	07-JUL-2006 06:41:22	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	22748	No
58	GOM_NL__2PRFIN20060707_064340_000000362049_00149_22748_9764.N1	07-JUL-2006 06:43:40	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	22748	No
59	GOM_NL__2PRFIN20060707_064638_000000352049_00149_22748_9765.N1	07-JUL-2006 06:46:38	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	22748	No
60	GOM_NL__2PRFIN20060707_064916_000000362049_00149_22748_9766.N1	07-JUL-2006 06:49:16	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	22748	No
61	GOM_NL__2PRFIN20060707_065457_000000372049_00149_22748_9767.N1	07-JUL-2006 06:54:57	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	22748	No
62	GOM_NL__2PRFIN20060707_065736_000000342049_00149_22748_9768.N1	07-JUL-2006 06:57:36	Bright	34.000	119	14Eta Dra	2.7270	4700.0	68	22748	No
63	GOM_NL__2PRFIN20060707_070143_000000302049_00149_22748_9769.N1	07-JUL-2006 07:01:43	Bright	29.500	60	7Bet UMi	2.0810	3950.0	59	22748	No
64	GOM_NL__2PRFIN20060707_073527_000000422049_00149_22748_9770.N1	07-JUL-2006 07:35:27	Dark	41.500	165	34Gam Eri	2.9500	3200.0	83	22748	No
65	GOM_NL__2PRFIN20060707_074405_000000422049_00149_22748_9771.N1	07-JUL-2006 07:44:05	Dark	42.000	157	The1Eri	2.9060	9300.0	84	22748	No
66	GOM_NL__2PRFIN20060707_075016_000000522049_00150_22749_9754.N1	07-JUL-2006 07:50:16	Dark	51.500	9	Alp Eri	0.45300	24000.	103	22749	No
67	GOM_NL__2PRFIN20060707_075431_000000372049_00150_22749_9755.N1	07-JUL-2006 07:54:31	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22749	No
68	GOM_NL__2PRFIN20060707_080201_000000432049_00150_22749_9756.N1	07-JUL-2006 08:02:01	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	22749	No
69	GOM_NL__2PRFIN20060707_080653_000000382049_00150_22749_9757.N1	07-JUL-2006 08:06:53	Twi_and_stray	38.000	147	Alp Ara	2.8770	26000.	76	22749	No
70	GOM_NL__2PRFIN20060707_080842_000000422049_00150_22749_9758.N1	07-JUL-2006 08:08:42	Twi_and_stray	41.500	40	The Sco	1.8590	7100.0	83	22749	No
71	GOM_NL__2PRFIN20060707_081022_000000412049_00150_22749_9759.N1	07-JUL-2006 08:10:22	Twi_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	22749	No
72	GOM_NL__2PRFIN20060707_081149_000000512049_00150_22749_9760.N1	07-JUL-2006 08:11:49	Bright	50.500	116	19Del Sgr	2.7000	4100.0	101	22749	No
73	GOM_NL__2PRFIN20060707_081300_000000402049_00150_22749_9761.N1	07-JUL-2006 08:13:00	Bright	40.000	137	22Lam Sgr	2.8240	4400.0	80	22749	No
74	GOM_NL__2PRFIN20060707_081631_000000372049_00150_22749_9762.N1	07-JUL-2006 08:16:31	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	22749	No
75	GOM_NL__2PRFIN20060707_082158_000000362049_00150_22749_9763.N1	07-JUL-2006 08:21:58	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	22749	No
76	GOM_NL__2PRFIN20060707_082416_000000372049_00150_22749_9764.N1	07-JUL-2006 08:24:16	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	22749	No
77	GOM_NL__2PRFIN20060707_082714_000000372049_00150_22749_9765.N1	07-JUL-2006 08:27:14	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	22749	No
78	GOM_NL__2PRFIN20060707_082952_000000362049_00150_22749_9766.N1	07-JUL-2006 08:29:52	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	22749	No
79	GOM_NL__2PRFIN20060707_083533_000000372049_00150_22749_9767.N1	07-JUL-2006 08:35:33	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	22749	No
80	GOM_NL__2PRFIN20060707_083813_000000362049_00150_22749_9768.N1	07-JUL-2006 08:38:13	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22749	No
81	GOM_NL__2PRFIN20060707_084220_000000352049_00150_22749_9769.N1	07-JUL-2006 08:42:20	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	22749	No
82	GOM_NL__2PRFIN20060707_084618_000000362049_00150_22749_9770.N1	07-JUL-2006 08:46:18	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	22749	No
83	GOM_NL__2PRFIN20060707_091603_000000422049_00150_22749_9771.N1	07-JUL-2006 09:16:03	Dark	41.500	165	34Gam Eri	2.9500	3200.0	83	22749	No
84	GOM_NL__2PRFIN20060707_092442_000000412049_00150_22749_9772.N1	07-JUL-2006 09:24:42	Dark	40.500	157	The1Eri	2.9060	9300.0	81	22749	No
85	GOM_NL__2PRFIN20060707_093053_000000412049_00151_22750_9754.N1	07-JUL-2006 09:30:53	Dark	40.500	9	Alp Eri	0.45300	24000.	81	22750	No
86	GOM_NL__2PRFIN20060707_093507_000000372049_00151_22750_9755.N1	07-JUL-2006 09:35:07	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22750	No
87	GOM_NL__2PRFIN20060707_094237_000000412049_00151_22750_9756.N1	07-JUL-2006 09:42:37	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	22750	No
88	GOM_NL__2PRFIN20060707_094729_000000382049_00151_22750_9757.N1	07-JUL-2006 09:47:29	Twi_and_stray	38.000	147	Alp Ara	2.8770	26000.	76	22750	No
89	GOM_NL__2PRFIN20060707_094918_000000422049_00151_22750_9758.N1	07-JUL-2006 09:49:18	Twi_and_stray	41.500	40	The Sco	1.8590	7100.0	83	22750	No
90	GOM_NL__2PRFIN20060707_095058_000000402049_00151_22750_9759.N1	07-JUL-2006 09:50:58	Twi_and_stray	39.500	25	35Lam Sco	1.6200	28000.	79	22750	No
91	GOM_NL__2PRFIN20060707_095225_000000472049_00151_22750_9760.N1	07-JUL-2006 09:52:25	Bright	46.500	116	19Del Sgr	2.7000	4100.0	93	22750	No
92	GOM_NL__2PRFIN20060707_095336_000000392049_00151_22750_9761.N1	07-JUL-2006 09:53:36	Bright	39.000	137	22Lam Sgr	2.8240	4400.0	78	22750	No
93	GOM_NL__2PRFIN20060707_095707_000000372049_00151_22750_9762.N1	07-JUL-2006 09:57:07	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	22750	No
94	GOM_NL__2PRFIN20060707_100234_000000362049_00151_22750_9763.N1	07-JUL-2006 10:02:34	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	22750	No
95	GOM_NL__2PRFIN20060707_100452_000000362049_00151_22750_9764.N1	07-JUL-2006 10:04:52	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	22750	No
96	GOM_NL__2PRFIN20060707_100750_000000382049_00151_22750_9765.N1	07-JUL-2006 10:07:50	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	22750	No
97	GOM_NL__2PRFIN20060707_101028_000000362049_00151_22750_9766.N1	07-JUL-2006 10:10:28	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	22750	No
98	GOM_NL__2PRFIN20060707_101609_000000372049_00151_22750_9767.N1	07-JUL-2006 10:16:09	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	22750	No
99	GOM_NL__2PRFIN20060707_101849_000000362049_00151_22750_9768.N1	07-JUL-2006 10:18:49	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22750	No
100	GOM_NL__2PRFIN20060707_102256_000000352049_00151_22750_9769.N1	07-JUL-2006 10:22:56	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	22750	No
101	GOM_NL__2PRFIN20060707_102654_000000342049_00151_22750_9770.N1	07-JUL-2006 10:26:54	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	22750	No

102	GOM_NL__2PRFIN20060707_105639_000000382049_00151_22750_9771.N1	07-JUL-2006 10:56:39	Dark	38.000	165	34Gam Eri	2.9500	3200.0	76	22750	No
103	GOM_NL__2PRFIN20060707_110518_000000402049_00151_22750_9772.N1	07-JUL-2006 11:05:18	Dark	39.500	157	The1Eri	2.9060	9300.0	79	22750	No
104	GOM_NL__2PRFIN20060707_111129_000000492049_00152_22751_9754.N1	07-JUL-2006 11:11:29	Dark	49.000	9	Alp Eri	0.45300	24000.	98	22751	No
105	GOM_NL__2PRFIN20060707_111543_000000372049_00152_22751_9755.N1	07-JUL-2006 11:15:43	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22751	No
106	GOM_NL__2PRFIN20060707_112314_000000402049_00152_22751_9756.N1	07-JUL-2006 11:23:14	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	22751	No
107	GOM_NL__2PRFIN20060707_112805_000000372049_00152_22751_9757.N1	07-JUL-2006 11:28:05	Twi_and_stray	37.000	147	Alp Ara	2.8770	26000.	74	22751	No
108	GOM_NL__2PRFIN20060707_112955_000000412049_00152_22751_9758.N1	07-JUL-2006 11:29:55	Twi_and_stray	41.000	40	The Sco	1.8590	7100.0	82	22751	No
109	GOM_NL__2PRFIN20060707_113134_000000412049_00152_22751_9759.N1	07-JUL-2006 11:31:34	Twi_and_stray	40.500	25	35Lam Sco	1.6200	28000.	81	22751	No
110	GOM_NL__2PRFIN20060707_113301_000000462049_00152_22751_9760.N1	07-JUL-2006 11:33:01	Bright	46.000	116	19Del Sgr	2.7000	4100.0	92	22751	No
111	GOM_NL__2PRFIN20060707_113412_000000402049_00152_22751_9761.N1	07-JUL-2006 11:34:12	Bright	40.000	137	22Lam Sgr	2.8240	4400.0	80	22751	No
112	GOM_NL__2PRFIN20060707_113743_000000372049_00152_22751_9762.N1	07-JUL-2006 11:37:43	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	22751	No
113	GOM_NL__2PRFIN20060707_114309_000000362049_00152_22751_9763.N1	07-JUL-2006 11:43:09	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	22751	No
114	GOM_NL__2PRFIN20060707_114527_000000372049_00152_22751_9764.N1	07-JUL-2006 11:45:27	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	22751	No
115	GOM_NL__2PRFIN20060707_114827_000000362049_00152_22751_9765.N1	07-JUL-2006 11:48:27	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	22751	No
116	GOM_NL__2PRFIN20060707_115104_000000362049_00152_22751_9766.N1	07-JUL-2006 11:51:04	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	22751	No
117	GOM_NL__2PRFIN20060707_115645_000000372049_00152_22751_9767.N1	07-JUL-2006 11:56:45	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	22751	No
118	GOM_NL__2PRFIN20060707_115925_000000362049_00152_22751_9768.N1	07-JUL-2006 11:59:25	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22751	No
119	GOM_NL__2PRFIN20060707_120332_000000362049_00152_22751_9769.N1	07-JUL-2006 12:03:32	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	22751	No
120	GOM_NL__2PRFIN20060707_120730_000000362049_00152_22751_9770.N1	07-JUL-2006 12:07:30	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	22751	No
121	GOM_NL__2PRFIN20060707_123715_000000452049_00152_22751_9771.N1	07-JUL-2006 12:37:15	Dark	44.500	165	34Gam Eri	2.9500	3200.0	89	22751	No
122	GOM_NL__2PRFIN20060707_124554_000000432049_00152_22751_9772.N1	07-JUL-2006 12:45:54	Dark	42.500	157	The1Eri	2.9060	9300.0	85	22751	No
123	GOM_NL__2PRFIN20060707_125206_000000422049_00153_22752_9754.N1	07-JUL-2006 12:52:06	Dark	41.500	9	Alp Eri	0.45300	24000.	83	22752	No
124	GOM_NL__2PRFIN20060707_125619_000000362049_00153_22752_9755.N1	07-JUL-2006 12:56:19	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	22752	No
125	GOM_NL__2PRFIN20060707_130350_000000422049_00153_22752_9756.N1	07-JUL-2006 13:03:50	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	22752	No
126	GOM_NL__2PRFIN20060707_130841_000000372049_00153_22752_9757.N1	07-JUL-2006 13:08:41	Twi_and_stray	37.000	147	Alp Ara	2.8770	26000.	74	22752	No
127	GOM_NL__2PRFIN20060707_131031_000000412049_00153_22752_9758.N1	07-JUL-2006 13:10:31	Twi_and_stray	41.000	40	The Sco	1.8590	7100.0	82	22752	No
128	GOM_NL__2PRFIN20060707_131210_000000392049_00153_22752_9759.N1	07-JUL-2006 13:12:10	Twi_and_stray	38.500	25	35Lam Sco	1.6200	28000.	77	22752	No
129	GOM_NL__2PRFIN20060707_131337_000000442049_00153_22752_9760.N1	07-JUL-2006 13:13:37	Bright	43.500	116	19Del Sgr	2.7000	4100.0	87	22752	No
130	GOM_NL__2PRFIN20060707_131448_000000412049_00153_22752_9761.N1	07-JUL-2006 13:14:48	Bright	41.000	137	22Lam Sgr	2.8240	4400.0	82	22752	No
131	GOM_NL__2PRFIN20060707_131819_000000372049_00153_22752_9762.N1	07-JUL-2006 13:18:19	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	22752	No
132	GOM_NL__2PRFIN20060707_132345_000000362049_00153_22752_9763.N1	07-JUL-2006 13:23:45	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	22752	No
133	GOM_NL__2PRFIN20060707_132603_000000352049_00153_22752_9764.N1	07-JUL-2006 13:26:03	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	22752	No
134	GOM_NL__2PRFIN20060707_132903_000000392049_00153_22752_9765.N1	07-JUL-2006 13:29:03	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	22752	No
135	GOM_NL__2PRFIN20060707_133140_000000342049_00153_22752_9766.N1	07-JUL-2006 13:31:40	Bright	33.500	133	40Zet Her	2.8070	6000.0	67	22752	No
136	GOM_NL__2PRFIN20060707_133721_000000372049_00153_22752_9767.N1	07-JUL-2006 13:37:21	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	22752	No
137	GOM_NL__2PRFIN20060707_134001_000000362049_00153_22752_9768.N1	07-JUL-2006 13:40:01	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22752	No
138	GOM_NL__2PRFIN20060707_134408_000000362049_00153_22752_9769.N1	07-JUL-2006 13:44:08	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	22752	No
139	GOM_NL__2PRFIN20060707_134806_000000342049_00153_22752_9770.N1	07-JUL-2006 13:48:06	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	22752	No
140	GOM_NL__2PRFIN20060707_141752_000000452049_00153_22752_9771.N1	07-JUL-2006 14:17:52	Dark	45.000	165	34Gam Eri	2.9500	3200.0	90	22752	No
141	GOM_NL__2PRFIN20060707_142631_000000412049_00153_22752_9772.N1	07-JUL-2006 14:26:31	Dark	41.000	157	The1Eri	2.9060	9300.0	82	22752	No
142	GOM_NL__2PRFIN20060707_143242_000000482049_00154_22753_9754.N1	07-JUL-2006 14:32:42	Dark	48.000	9	Alp Eri	0.45300	24000.	96	22753	No
143	GOM_NL__2PRFIN20060707_143655_000000362049_00154_22753_9755.N1	07-JUL-2006 14:36:55	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	22753	No
144	GOM_NL__2PRFIN20060707_144426_000000422049_00154_22753_9756.N1	07-JUL-2006 14:44:26	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	22753	No
145	GOM_NL__2PRFIN20060707_144917_000000372049_00154_22753_9757.N1	07-JUL-2006 14:49:17	Twi_and_stray	36.500	147	Alp Ara	2.8770	26000.	73	22753	No
146	GOM_NL__2PRFIN20060707_145107_000000382049_00154_22753_9758.N1	07-JUL-2006 14:51:07	Twi_and_stray	38.000	40	The Sco	1.8590	7100.0	76	22753	No
147	GOM_NL__2PRFIN20060707_145246_000000382049_00154_22753_9759.N1	07-JUL-2006 14:52:46	Twi_and_stray	37.500	25	35Lam Sco	1.6200	28000.	75	22753	No
148	GOM_NL__2PRFIN20060707_145414_000000482049_00154_22753_9760.N1	07-JUL-2006 14:54:14	Bright	47.500	116	19Del Sgr	2.7000	4100.0	95	22753	No
149	GOM_NL__2PRFIN20060707_145524_000000472049_00154_22753_9761.N1	07-JUL-2006 14:55:24	Bright	47.000	137	22Lam Sgr	2.8240	4400.0	94	22753	No
150	GOM_NL__2PRFIN20060707_145855_000000362049_00154_22753_9762.N1	07-JUL-2006 14:58:55	Bright	35.500	86	35Eta Oph	2.4300	10200.	71	22753	No
151	GOM_NL__2PRFIN20060707_150421_000000352049_00154_22753_9763.N1	07-JUL-2006 15:04:21	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	22753	No
152	GOM_NL__2PRFIN20060707_150639_000000362049_00154_22753_9764.N1	07-JUL-2006 15:06:39	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	22753	No
153	GOM_NL__2PRFIN20060707_150939_000000372049_00154_22753_9765.N1	07-JUL-2006 15:09:39	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	22753	No
154	GOM_NL__2PRFIN20060707_151217_000000362049_00154_22753_9766.N1	07-JUL-2006 15:12:17	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	22753	No
155	GOM_NL__2PRFIN20060707_151756_000000382049_00154_22753_9767.N1	07-JUL-2006 15:17:56	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	22753	No
156	GOM_NL__2PRFIN20060707_152037_000000362049_00154_22753_9768.N1	07-JUL-2006 15:20:37	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22753	No
157	GOM_NL__2PRFIN20060707_152444_000000362049_00154_22753_9769.N1	07-JUL-2006 15:24:44	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	22753	No
158	GOM_NL__2PRFIN20060707_152842_000000362049_00154_22753_9770.N1	07-JUL-2006 15:28:42	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22753	No
159	GOM_NL__2PRFIN20060707_155828_000000442049_00154_22753_9771.N1	07-JUL-2006 15:58:28	Dark	43.500	165	34Gam Eri	2.9500	3200.0	87	22753	No
160	GOM_NL__2PRFIN20060707_160707_000000392049_00154_22753_9772.N1	07-JUL-2006 16:07:07	Dark	39.000	157	The1Eri	2.9060	9300.0	78	22753	No

161	GOM_NL__2PRFIN20060707_161319_000000482049_00155_22754_9754.N1	07-JUL-2006 16:13:19	Dark	48.000	9	Alp Eri	0.45300	24000.	96	22754	No
162	GOM_NL__2PRFIN20060707_161732_000000372049_00155_22754_9755.N1	07-JUL-2006 16:17:32	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22754	No
163	GOM_NL__2PRFIN20060707_162503_000000412049_00155_22754_9756.N1	07-JUL-2006 16:25:03	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	22754	No
164	GOM_NL__2PRFIN20060707_162953_000000362049_00155_22754_9757.N1	07-JUL-2006 16:29:53	Twi_and_stray	36.000	147	Alp Ara	2.8770	26000.	72	22754	No
165	GOM_NL__2PRFIN20060707_163143_000000432049_00155_22754_9758.N1	07-JUL-2006 16:31:43	Twi_and_stray	43.000	40	The Sco	1.8590	7100.0	86	22754	No
166	GOM_NL__2PRFIN20060707_163322_000000382049_00155_22754_9759.N1	07-JUL-2006 16:33:22	Twi_and_stray	37.500	25	35Lam Sco	1.6200	28000.	75	22754	No
167	GOM_NL__2PRFIN20060707_163450_000000422049_00155_22754_9760.N1	07-JUL-2006 16:34:50	Bright	41.500	116	19Del Sgr	2.7000	4100.0	83	22754	No
168	GOM_NL__2PRFIN20060707_163600_000000392049_00155_22754_9761.N1	07-JUL-2006 16:36:00	Bright	39.000	137	22Lam Sgr	2.8240	4400.0	78	22754	No
169	GOM_NL__2PRFIN20060707_163932_000000372049_00155_22754_9762.N1	07-JUL-2006 16:39:32	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	22754	No
170	GOM_NL__2PRFIN20060707_164457_000000362049_00155_22754_9763.N1	07-JUL-2006 16:44:57	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	22754	No
171	GOM_NL__2PRFIN20060707_164715_000000372049_00155_22754_9764.N1	07-JUL-2006 16:47:15	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	22754	No
172	GOM_NL__2PRFIN20060707_165015_000000352049_00155_22754_9765.N1	07-JUL-2006 16:50:15	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	22754	No
173	GOM_NL__2PRFIN20060707_165253_000000342049_00155_22754_9766.N1	07-JUL-2006 16:52:53	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	22754	No
174	GOM_NL__2PRFIN20060707_165832_000000362049_00155_22754_9767.N1	07-JUL-2006 16:58:32	Bright	36.000	130	23Bet Dra	2.7990	5800.0	72	22754	No
175	GOM_NL__2PRFIN20060707_170113_000000362049_00155_22754_9768.N1	07-JUL-2006 17:01:13	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22754	No
176	GOM_NL__2PRFIN20060707_170520_000000362049_00155_22754_9769.N1	07-JUL-2006 17:05:20	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	22754	No
177	GOM_NL__2PRFIN20060707_170918_000000362049_00155_22754_9770.N1	07-JUL-2006 17:09:18	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	22754	No
178	GOM_NL__2PRFIN20060707_173904_000000462049_00155_22754_9771.N1	07-JUL-2006 17:39:04	Dark	45.500	165	34Gam Eri	2.9500	3200.0	91	22754	No
179	GOM_NL__2PRFIN20060707_174744_000000422049_00155_22754_9772.N1	07-JUL-2006 17:47:44	Dark	42.000	157	The1Eri	2.9060	9300.0	84	22754	No
180	GOM_NL__2PRFIN20060707_175355_000000412049_00156_22755_9774.N1	07-JUL-2006 17:53:55	Dark	41.000	9	Alp Eri	0.45300	24000.	82	22755	No
181	GOM_NL__2PRFIN20060707_175808_000000372049_00156_22755_9775.N1	07-JUL-2006 17:58:08	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22755	No
182	GOM_NL__2PRFIN20060707_180539_000000422049_00156_22755_9776.N1	07-JUL-2006 18:05:39	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	22755	No
183	GOM_NL__2PRFIN20060707_181029_000000362049_00156_22755_9777.N1	07-JUL-2006 18:10:29	Twi_and_stray	35.500	147	Alp Ara	2.8770	26000.	71	22755	No
184	GOM_NL__2PRFIN20060707_181219_000000432049_00156_22755_9778.N1	07-JUL-2006 18:12:19	Twi_and_stray	42.500	40	The Sco	1.8590	7100.0	85	22755	No
185	GOM_NL__2PRFIN20060707_181359_000000392049_00156_22755_9779.N1	07-JUL-2006 18:13:59	Twi_and_stray	39.000	25	35Lam Sco	1.6200	28000.	78	22755	No
186	GOM_NL__2PRFIN20060707_181526_000000522049_00156_22755_9780.N1	07-JUL-2006 18:15:26	Bright	52.000	116	19Del Sgr	2.7000	4100.0	104	22755	No
187	GOM_NL__2PRFIN20060707_181636_000000472049_00156_22755_9781.N1	07-JUL-2006 18:16:36	Bright	46.500	137	22Lam Sgr	2.8240	4400.0	93	22755	No
188	GOM_NL__2PRFIN20060707_182008_000000372049_00156_22755_9782.N1	07-JUL-2006 18:20:08	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	22755	No
189	GOM_NL__2PRFIN20060707_182533_000000352049_00156_22755_9783.N1	07-JUL-2006 18:25:33	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	22755	No
190	GOM_NL__2PRFIN20060707_182751_000000372049_00156_22755_9784.N1	07-JUL-2006 18:27:51	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	22755	No
191	GOM_NL__2PRFIN20060707_183051_000000372049_00156_22755_9785.N1	07-JUL-2006 18:30:51	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	22755	No
192	GOM_NL__2PRFIN20060707_183329_000000352049_00156_22755_9786.N1	07-JUL-2006 18:33:29	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	22755	No
193	GOM_NL__2PRFIN20060707_183908_000000372049_00156_22755_9787.N1	07-JUL-2006 18:39:08	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	22755	No
194	GOM_NL__2PRFIN20060707_184149_000000362049_00156_22755_9788.N1	07-JUL-2006 18:41:49	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22755	No
195	GOM_NL__2PRFIN20060707_184556_000000362049_00156_22755_9789.N1	07-JUL-2006 18:45:56	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	22755	No
196	GOM_NL__2PRFIN20060707_184954_000000352049_00156_22755_9790.N1	07-JUL-2006 18:49:54	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	22755	No
197	GOM_NL__2PRFIN20060707_191941_000000462049_00156_22755_9791.N1	07-JUL-2006 19:19:41	Dark	46.000	165	34Gam Eri	2.9500	3200.0	92	22755	No
198	GOM_NL__2PRFIN20060707_192820_000000402049_00156_22755_9792.N1	07-JUL-2006 19:28:20	Dark	39.500	157	The1Eri	2.9060	9300.0	79	22755	No
199	GOM_NL__2PRFIN20060707_193432_000000532049_00157_22756_9774.N1	07-JUL-2006 19:34:32	Dark	52.500	9	Alp Eri	0.45300	24000.	105	22756	No
200	GOM_NL__2PRFIN20060707_193844_000000372049_00157_22756_9775.N1	07-JUL-2006 19:38:44	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22756	No
201	GOM_NL__2PRFIN20060707_194616_000000402049_00157_22756_9776.N1	07-JUL-2006 19:46:16	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	22756	No
202	GOM_NL__2PRFIN20060707_195105_000000372049_00157_22756_9777.N1	07-JUL-2006 19:51:05	Twi_and_stray	36.500	147	Alp Ara	2.8770	26000.	73	22756	No
203	GOM_NL__2PRFIN20060707_195255_000000422049_00157_22756_9778.N1	07-JUL-2006 19:52:55	Twi_and_stray	42.000	40	The Sco	1.8590	7100.0	84	22756	No
204	GOM_NL__2PRFIN20060707_195435_000000392049_00157_22756_9779.N1	07-JUL-2006 19:54:35	Twi_and_stray	38.500	25	35Lam Sco	1.6200	28000.	77	22756	No
205	GOM_NL__2PRFIN20060707_195602_000000462049_00157_22756_9780.N1	07-JUL-2006 19:56:02	Bright	46.000	116	19Del Sgr	2.7000	4100.0	92	22756	No
206	GOM_NL__2PRFIN20060707_200044_000000372049_00157_22756_9781.N1	07-JUL-2006 20:00:44	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	22756	No
207	GOM_NL__2PRFIN20060707_200609_000000362049_00157_22756_9782.N1	07-JUL-2006 20:06:09	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	22756	No
208	GOM_NL__2PRFIN20060707_200827_000000362049_00157_22756_9783.N1	07-JUL-2006 20:08:27	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	22756	No
209	GOM_NL__2PRFIN20060707_201127_000000362049_00157_22756_9784.N1	07-JUL-2006 20:11:27	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	22756	No
210	GOM_NL__2PRFIN20060707_201405_000000362049_00157_22756_9785.N1	07-JUL-2006 20:14:05	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	22756	No
211	GOM_NL__2PRFIN20060707_201944_000000362049_00157_22756_9786.N1	07-JUL-2006 20:19:44	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	22756	No
212	GOM_NL__2PRFIN20060707_202225_000000362049_00157_22756_9787.N1	07-JUL-2006 20:22:25	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22756	No
213	GOM_NL__2PRFIN20060707_202632_000000332049_00157_22756_9788.N1	07-JUL-2006 20:26:32	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	22756	No
214	GOM_NL__2PRFIN20060707_203030_000000332049_00157_22756_9789.N1	07-JUL-2006 20:30:30	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	22756	No
215	GOM_NL__2PRFIN20060707_210017_000000482049_00157_22756_9790.N1	07-JUL-2006 21:00:17	Dark	48.000	165	34Gam Eri	2.9500	3200.0	96	22756	No
216	GOM_NL__2PRFIN20060707_210857_000000412049_00157_22756_9791.N1	07-JUL-2006 21:08:57	Dark	40.500	157	The1Eri	2.9060	9300.0	81	22756	No
217	GOM_NL__2PRFIN20060707_211508_000000422049_00158_22757_9774.N1	07-JUL-2006 21:15:08	Dark	41.500	9	Alp Eri	0.45300	24000.	83	22757	No
218	GOM_NL__2PRFIN20060707_211920_000000372049_00158_22757_9775.N1	07-JUL-2006 21:19:20	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22757	No
219	GOM_NL__2PRFIN20060707_212652_000000392049_00158_22757_9776.N1	07-JUL-2006 21:26:52	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	22757	No



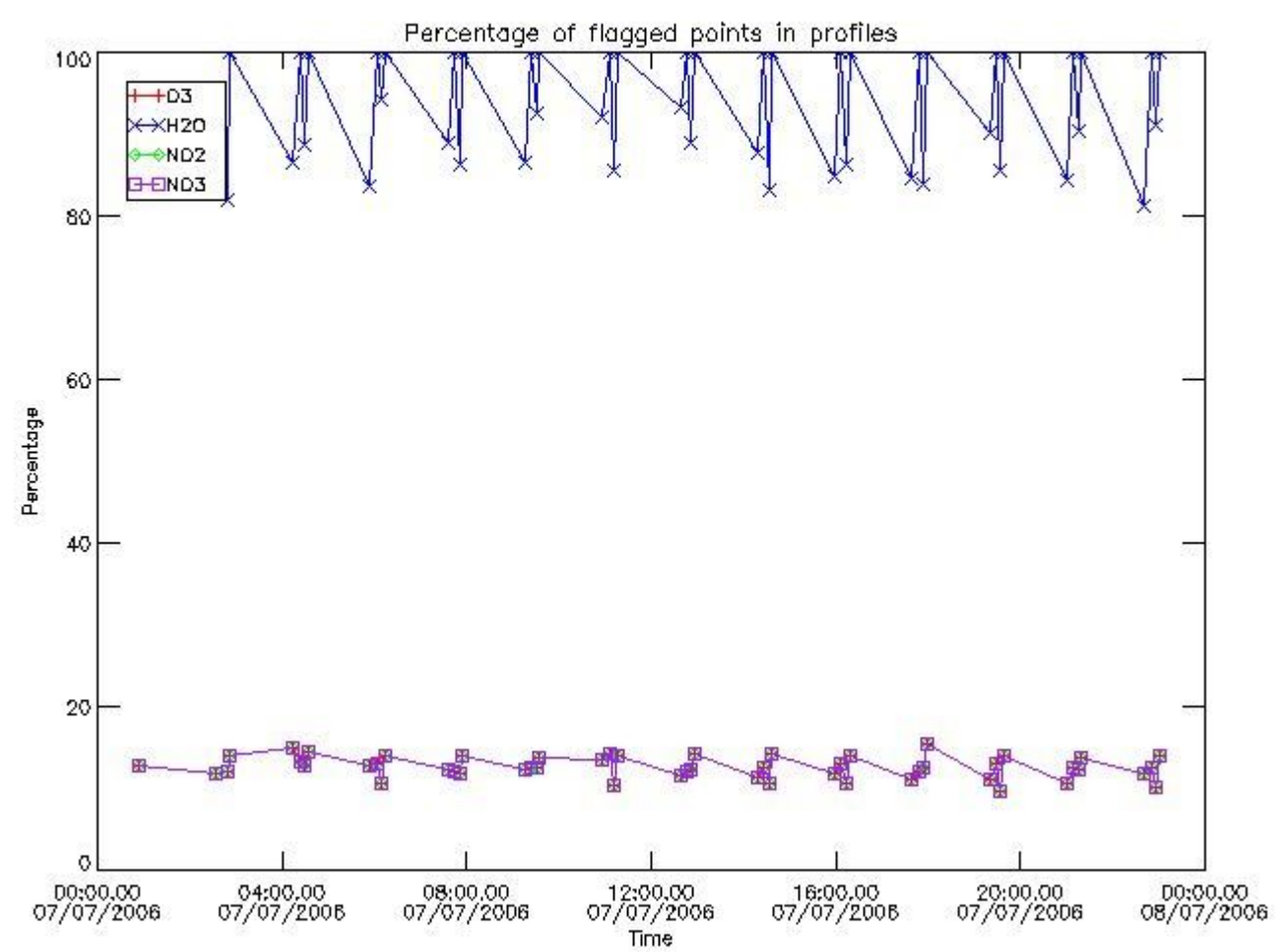
220	GOM_NL__2PRFIN20060707_213141_000000382049_00158_22757_9777.N1	07-JUL-2006 21:31:41	Twilight	37.500	147	Alp Ara	2.8770	26000.	75	22757	No
221	GOM_NL__2PRFIN20060707_213331_000000392049_00158_22757_9778.N1	07-JUL-2006 21:33:31	Twilight	38.500	40	The Sco	1.8590	7100.0	77	22757	No
222	GOM_NL__2PRFIN20060707_213511_000000392049_00158_22757_9779.N1	07-JUL-2006 21:35:11	Twilight	38.500	25	35Lam Sco	1.6200	28000.	77	22757	No
223	GOM_NL__2PRFIN20060707_213638_000000412049_00158_22757_9780.N1	07-JUL-2006 21:36:38	Bright	40.500	116	19Del Sgr	2.7000	4100.0	81	22757	No
224	GOM_NL__2PRFIN20060707_214120_000000372049_00158_22757_9781.N1	07-JUL-2006 21:41:20	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	22757	No
225	GOM_NL__2PRFIN20060707_214645_000000362049_00158_22757_9782.N1	07-JUL-2006 21:46:45	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	22757	No
226	GOM_NL__2PRFIN20060707_214903_000000362049_00158_22757_9783.N1	07-JUL-2006 21:49:03	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	22757	No
227	GOM_NL__2PRFIN20060707_215203_000000352049_00158_22757_9784.N1	07-JUL-2006 21:52:03	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	22757	No
228	GOM_NL__2PRFIN20060707_215441_000000372049_00158_22757_9785.N1	07-JUL-2006 21:54:41	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	22757	No
229	GOM_NL__2PRFIN20060707_220020_000000332049_00158_22757_9786.N1	07-JUL-2006 22:00:20	Bright	33.000	130	23Bet Dra	2.7990	5800.0	66	22757	No
230	GOM_NL__2PRFIN20060707_220301_000000372049_00158_22757_9787.N1	07-JUL-2006 22:03:01	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	22757	No
231	GOM_NL__2PRFIN20060707_220708_000000362049_00158_22757_9788.N1	07-JUL-2006 22:07:08	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	22757	No
232	GOM_NL__2PRFIN20060707_221106_000000352049_00158_22757_9789.N1	07-JUL-2006 22:11:06	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	22757	No
233	GOM_NL__2PRFIN20060707_224053_000000432049_00158_22757_9790.N1	07-JUL-2006 22:40:53	Dark	43.000	165	34Gam Eri	2.9500	3200.0	86	22757	No
234	GOM_NL__2PRFIN20060707_224933_000000412049_00158_22757_9791.N1	07-JUL-2006 22:49:33	Dark	41.000	157	The1Eri	2.9060	9300.0	82	22757	No
235	GOM_NL__2PRFIN20060707_225544_000000512049_00159_22758_9774.N1	07-JUL-2006 22:55:44	Dark	50.500	9	Alp Eri	0.45300	24000.	101	22758	No
236	GOM_NL__2PRFIN20060707_225956_000000372049_00159_22758_9775.N1	07-JUL-2006 22:59:56	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22758	No
237	GOM_NL__2PRFIN20060707_230728_000000392049_00159_22758_9776.N1	07-JUL-2006 23:07:28	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	22758	No
238	GOM_NL__2PRFIN20060707_231217_000000392049_00159_22758_9777.N1	07-JUL-2006 23:12:17	Twilight	38.500	147	Alp Ara	2.8770	26000.	77	22758	No
239	GOM_NL__2PRFIN20060707_231407_000000402049_00159_22758_9778.N1	07-JUL-2006 23:14:07	Twilight	39.500	40	The Sco	1.8590	7100.0	79	22758	No
240	GOM_NL__2PRFIN20060707_231547_000000392049_00159_22758_9779.N1	07-JUL-2006 23:15:47	Twilight	38.500	25	35Lam Sco	1.6200	28000.	77	22758	No
241	GOM_NL__2PRFIN20060707_231714_000000422049_00159_22758_9780.N1	07-JUL-2006 23:17:14	Bright	42.000	116	19Del Sgr	2.7000	4100.0	84	22758	No
242	GOM_NL__2PRFIN20060707_232156_000000372049_00159_22758_9781.N1	07-JUL-2006 23:21:56	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	22758	No
243	GOM_NL__2PRFIN20060707_232721_000000372049_00159_22758_9782.N1	07-JUL-2006 23:27:21	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	22758	No
244	GOM_NL__2PRFIN20060707_232939_000000362049_00159_22758_9783.N1	07-JUL-2006 23:29:39	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	22758	No
245	GOM_NL__2PRFIN20060707_233239_000000372049_00159_22758_9784.N1	07-JUL-2006 23:32:39	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	22758	No
246	GOM_NL__2PRFIN20060707_233517_000000352049_00159_22758_9785.N1	07-JUL-2006 23:35:17	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	22758	No
247	GOM_NL__2PRFIN20060707_234056_000000362049_00159_22758_9786.N1	07-JUL-2006 23:40:56	Bright	36.000	130	23Bet Dra	2.7990	5800.0	72	22758	No
248	GOM_NL__2PRFIN20060707_234337_000000372049_00159_22758_9787.N1	07-JUL-2006 23:43:37	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	22758	No
249	GOM_NL__2PRFIN20060707_234744_000000332049_00159_22758_9788.N1	07-JUL-2006 23:47:44	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	22758	No
250	GOM_NL__2PRFIN20060707_235142_000000342049_00159_22758_9789.N1	07-JUL-2006 23:51:42	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	22758	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.

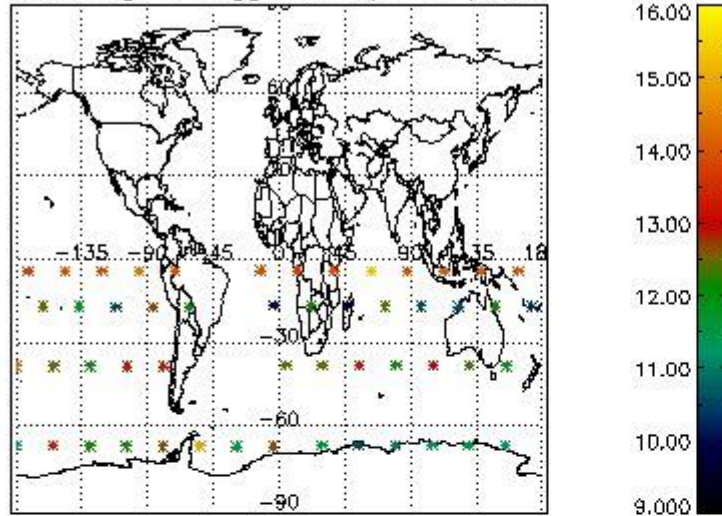
#### 3.1 Plot quality information per product (time dependant)



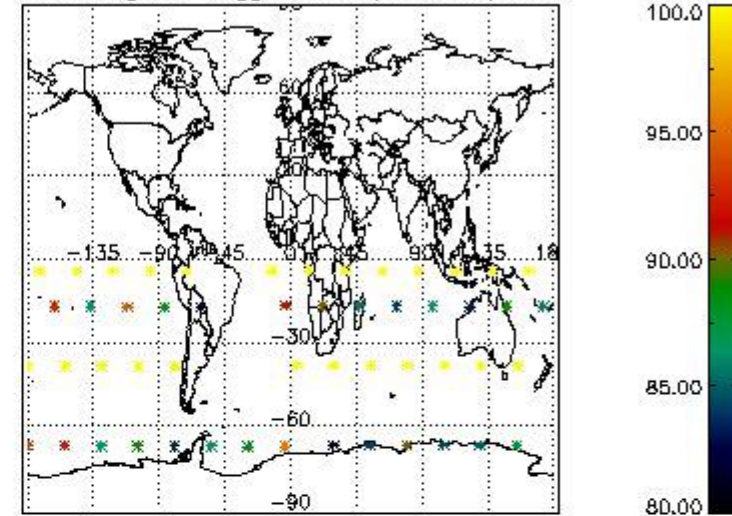


3.2 Plot quality information per product (world map)

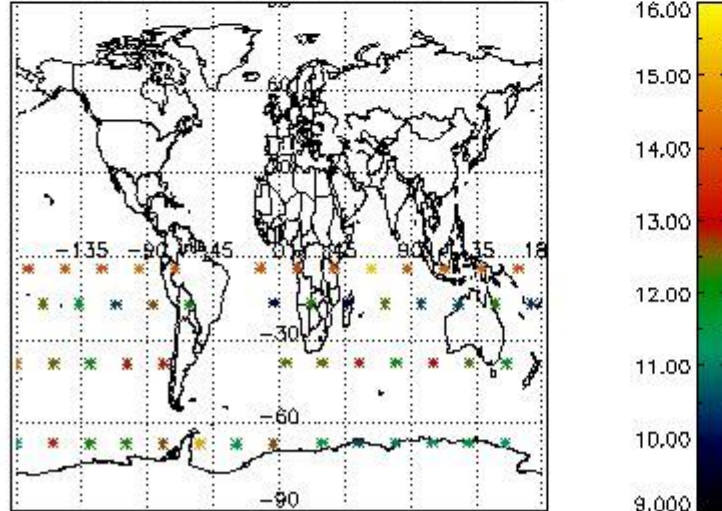
Percentage of flagged data per O3 profile



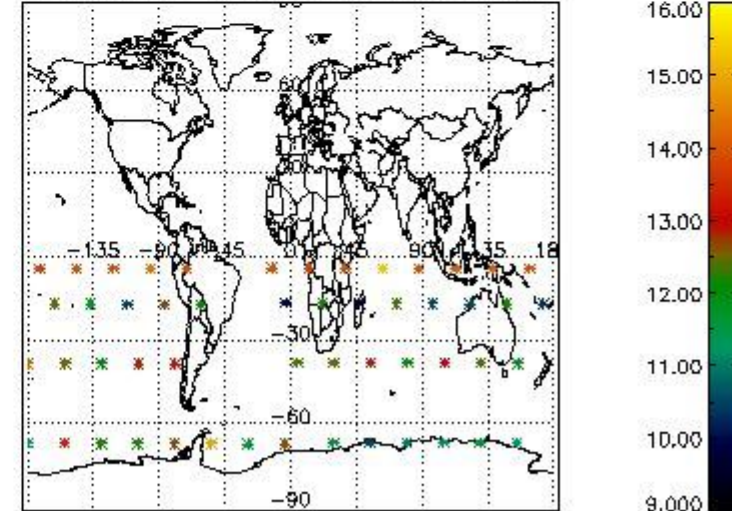
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

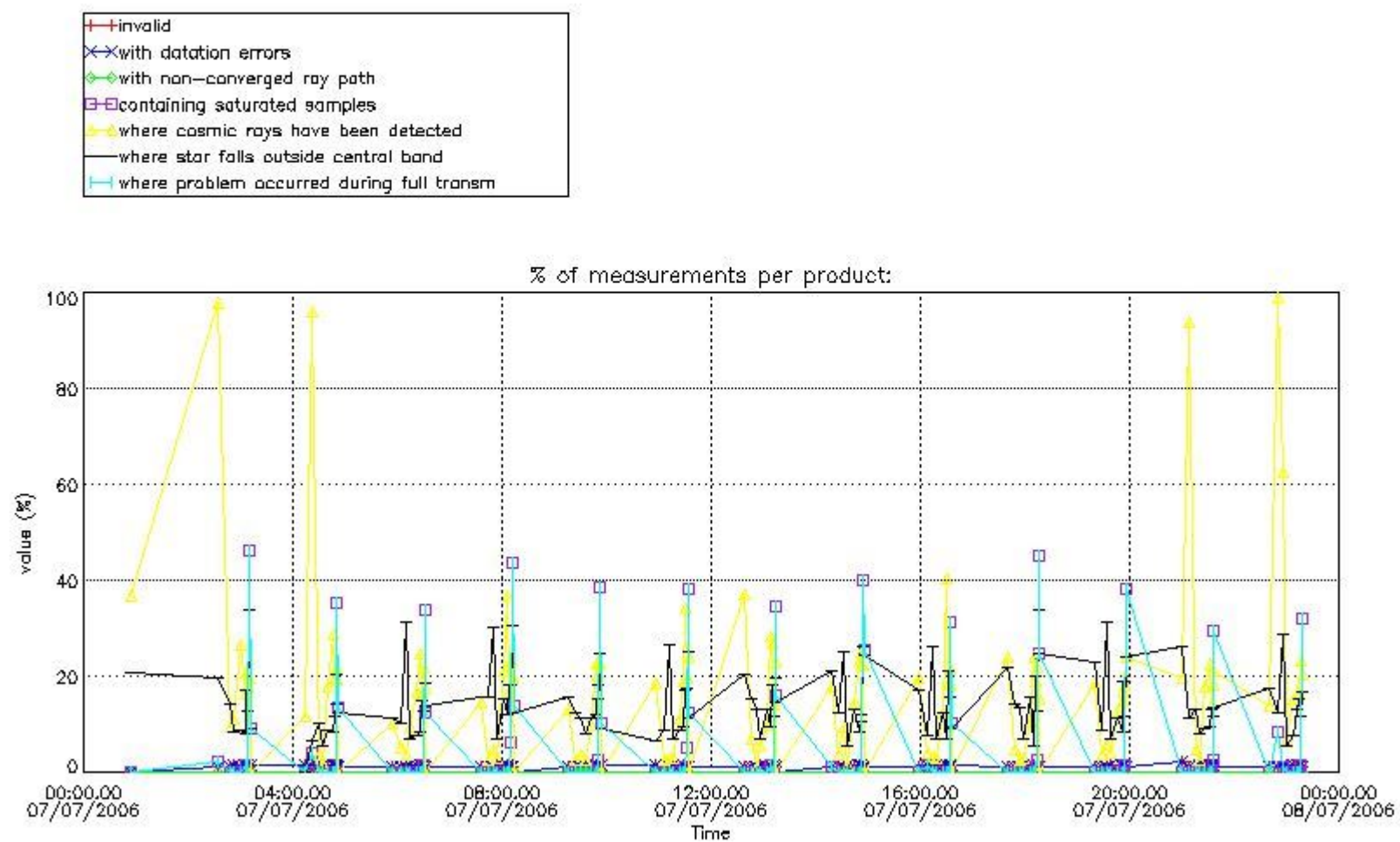


#### 4. Level 1 quality information per product

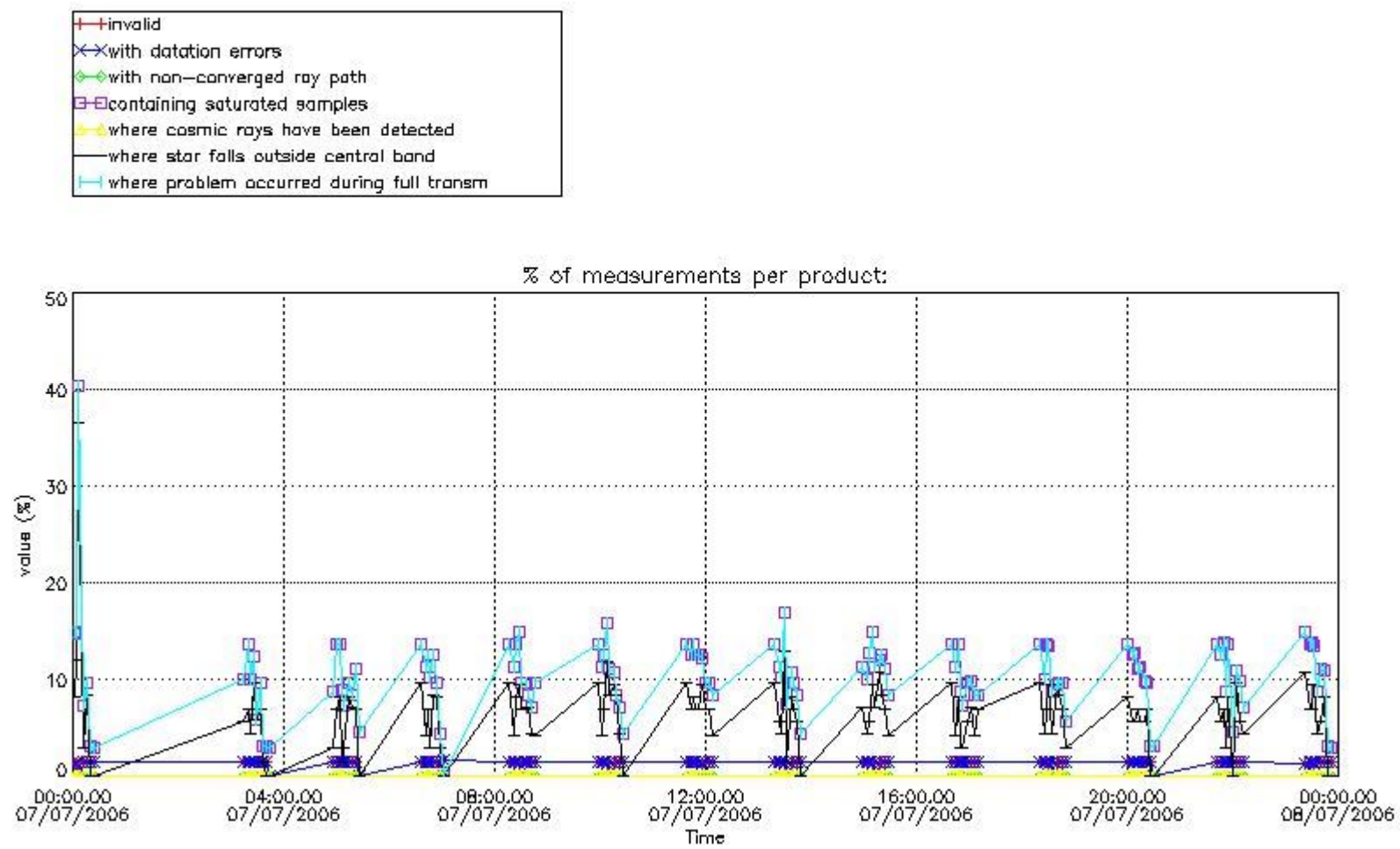
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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



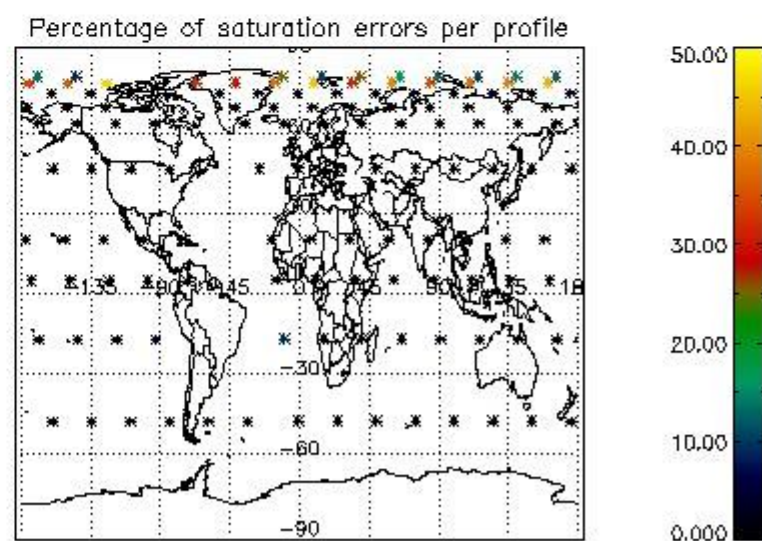
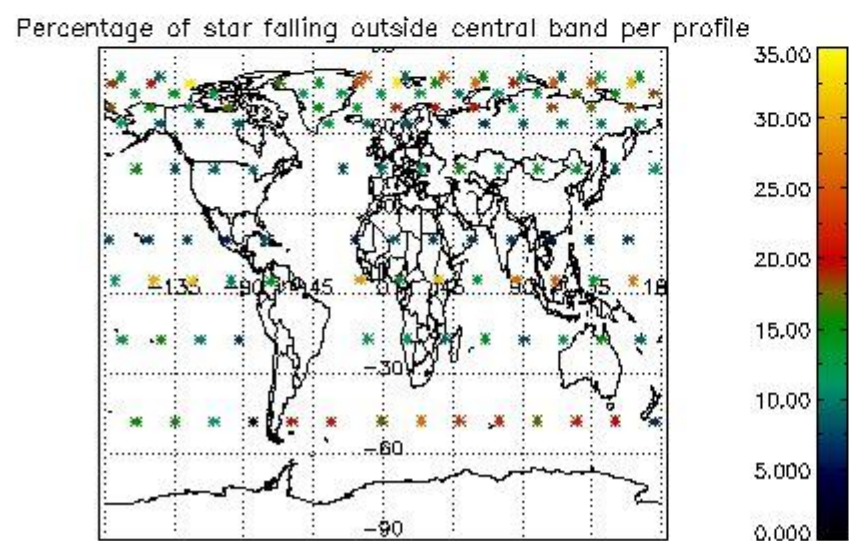
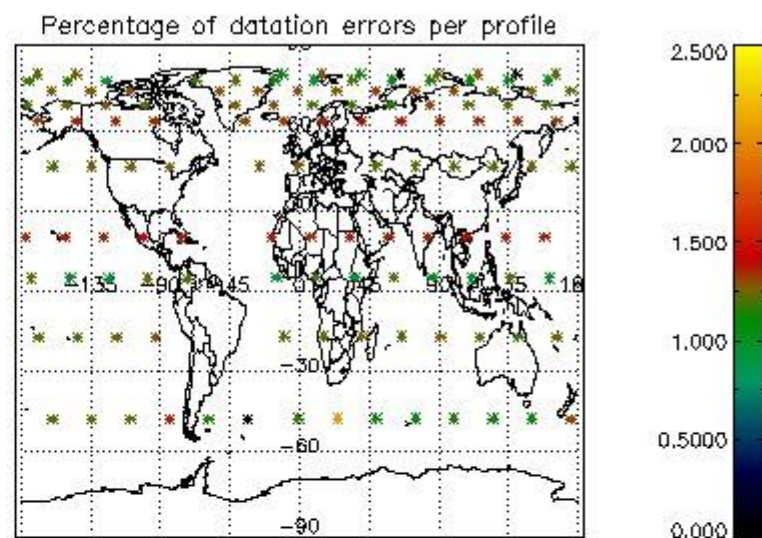
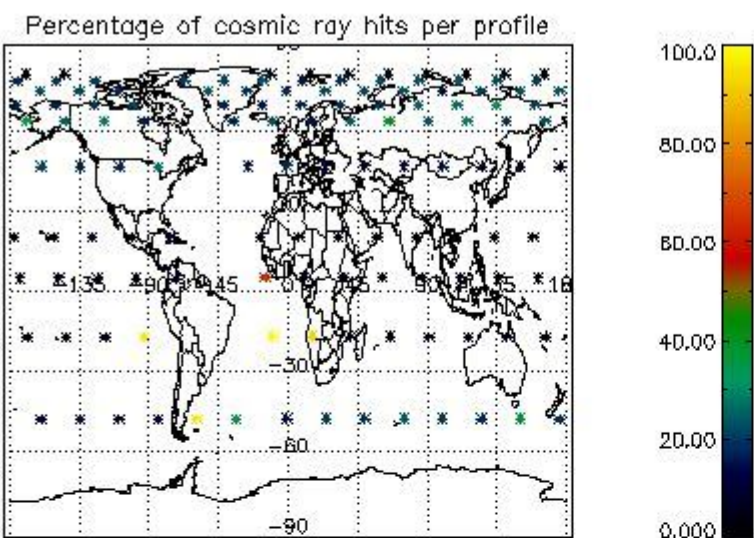
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



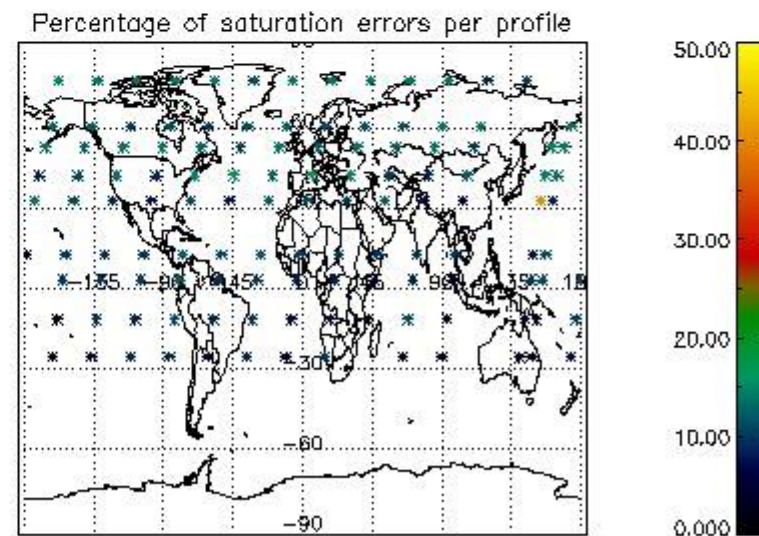
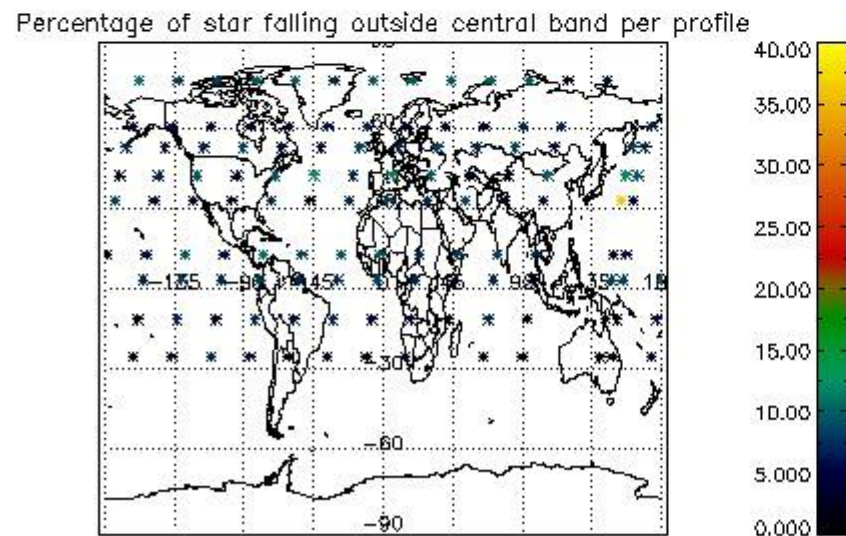
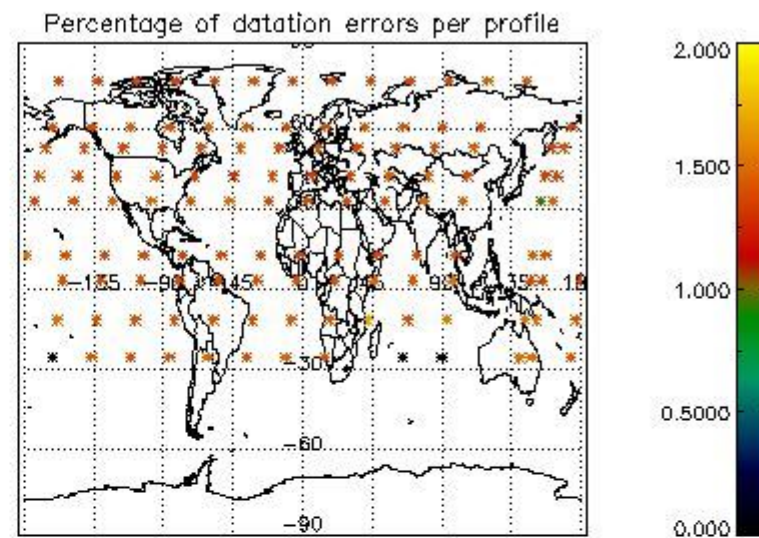
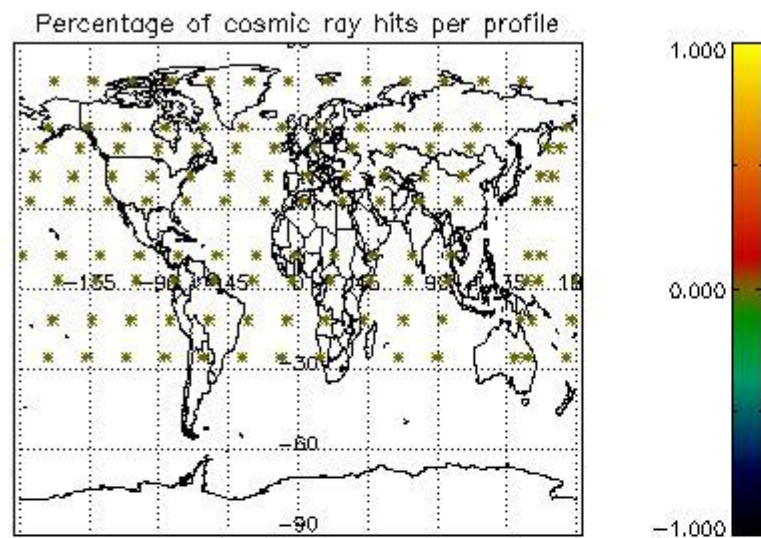
#### 4.2 Plot quality information per product coming from level 1b processing (world map)

##### 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.

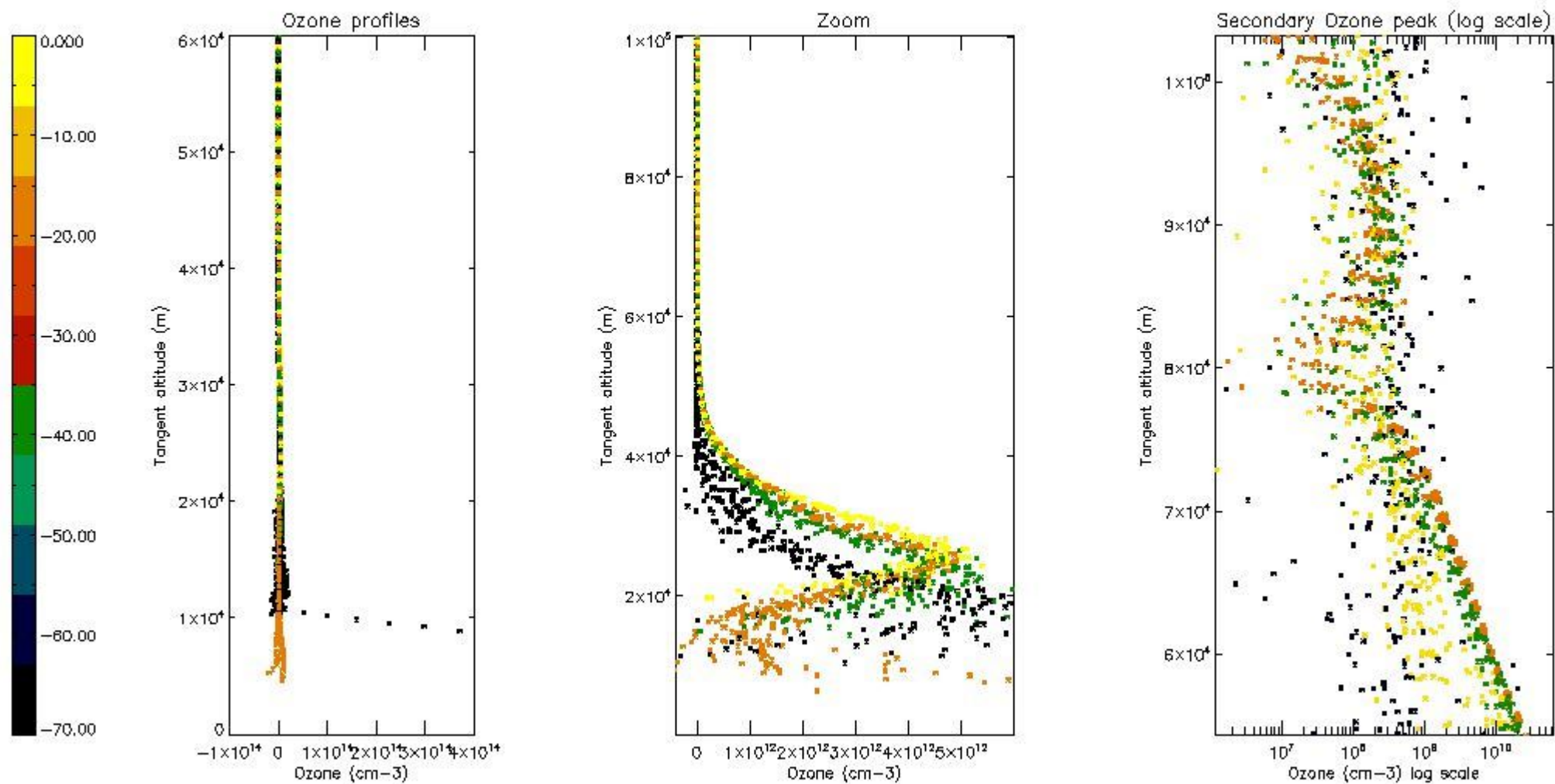
Criteria	% of total production
All STD	24
STD < 20	10



STD < 10	7
STD < 5	4

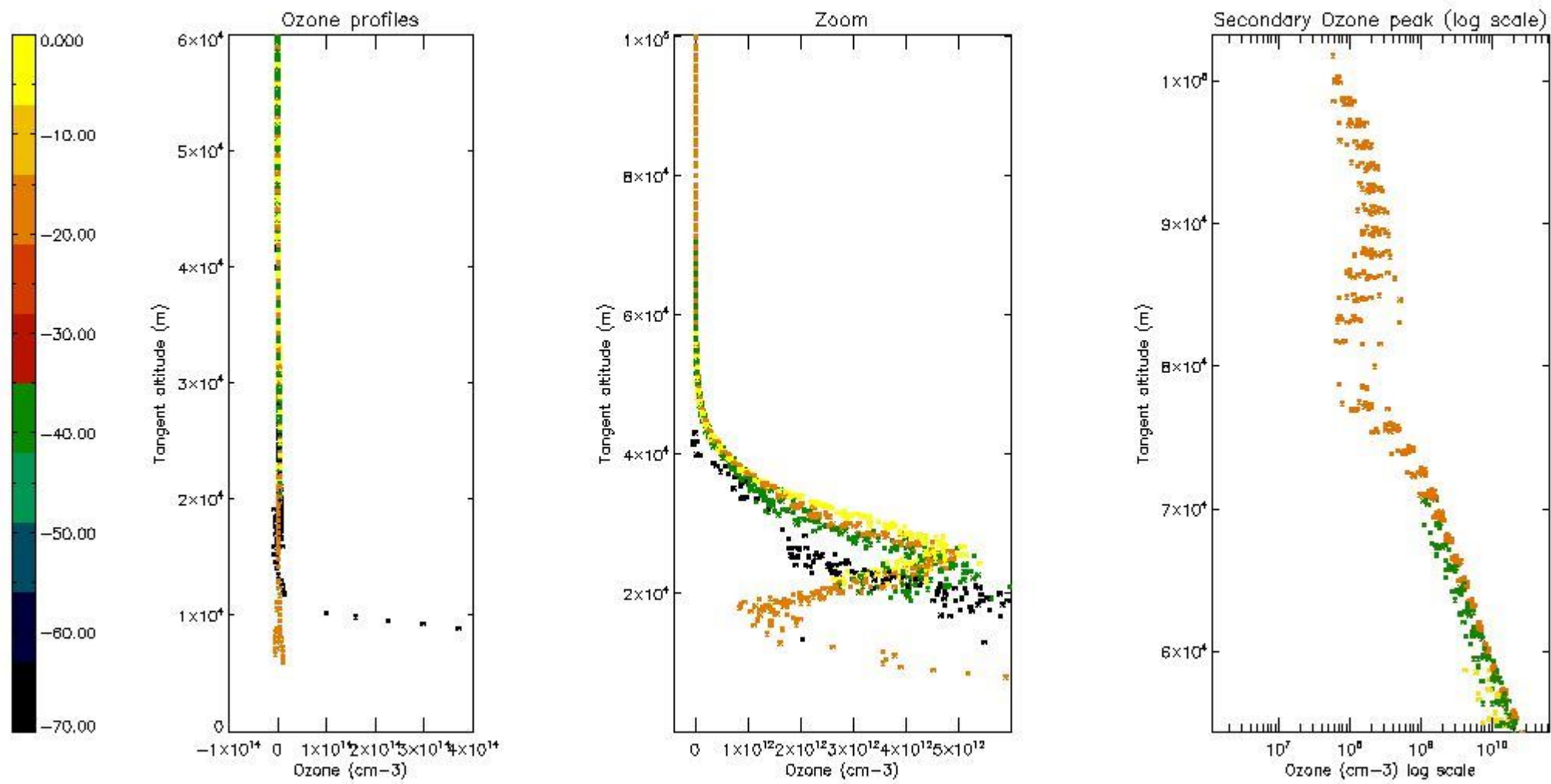
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



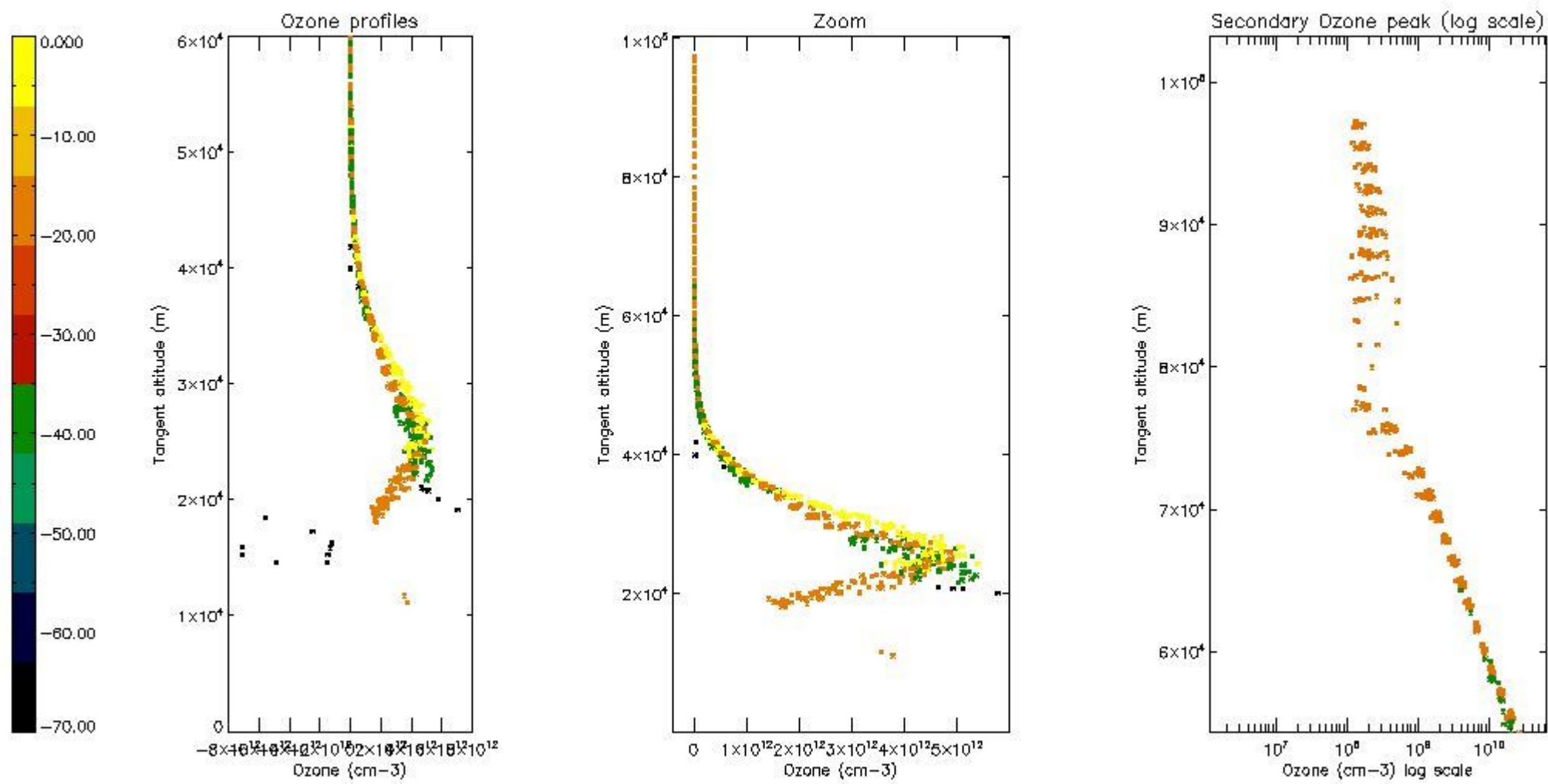
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



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

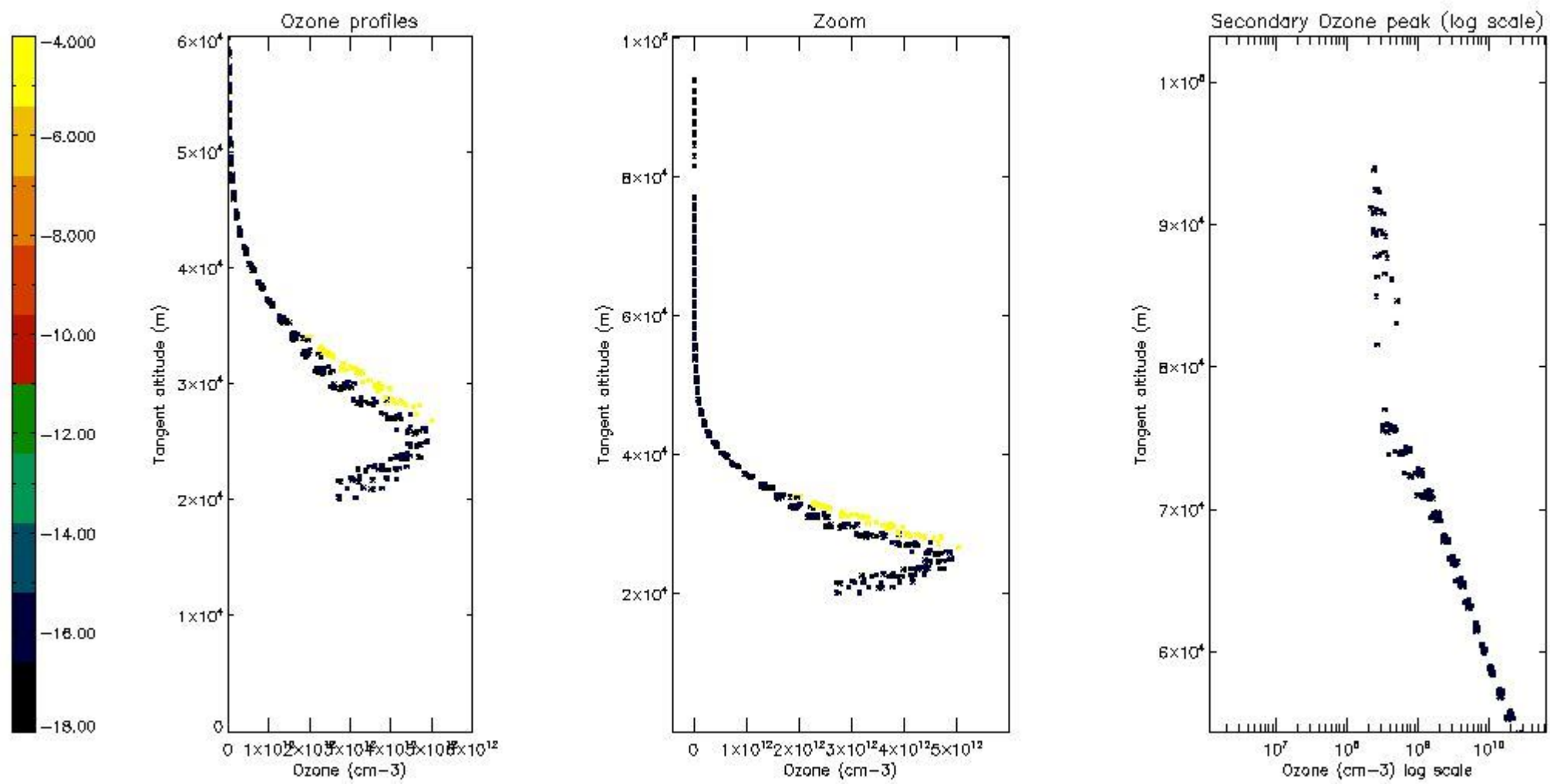
The colorbar represents the latitude.



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

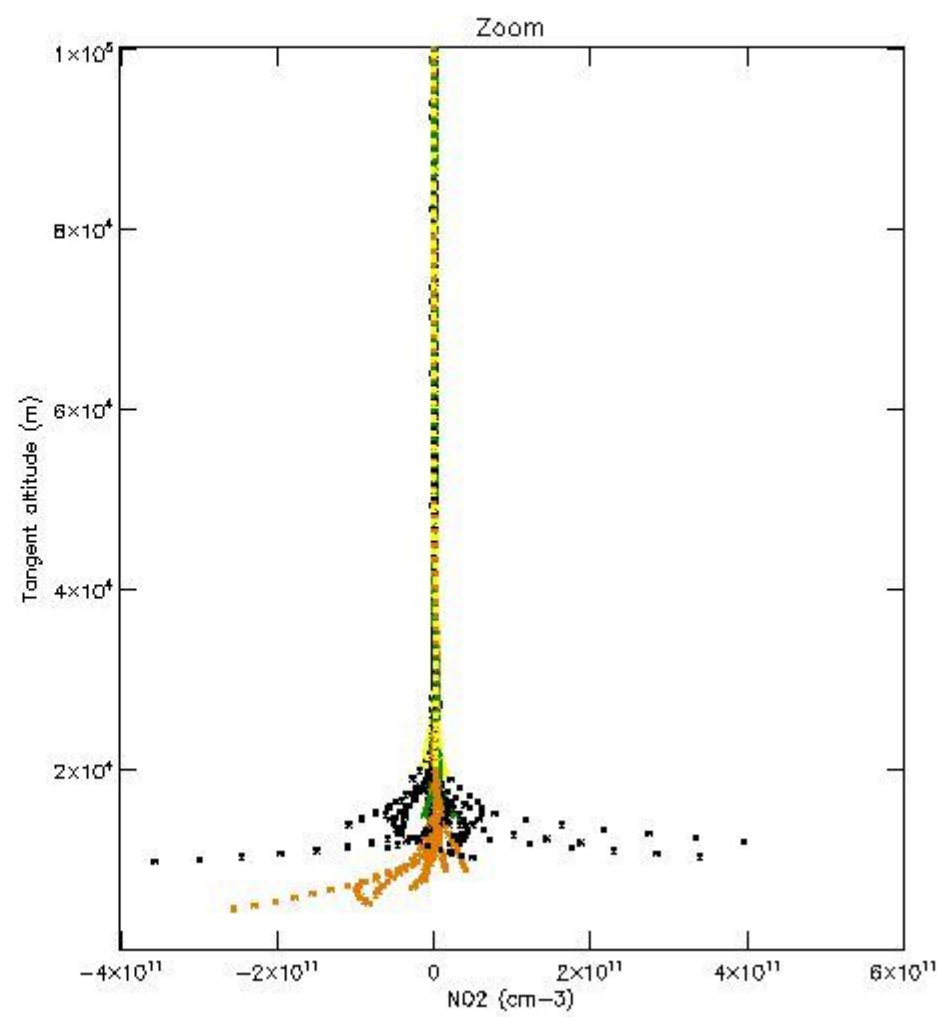
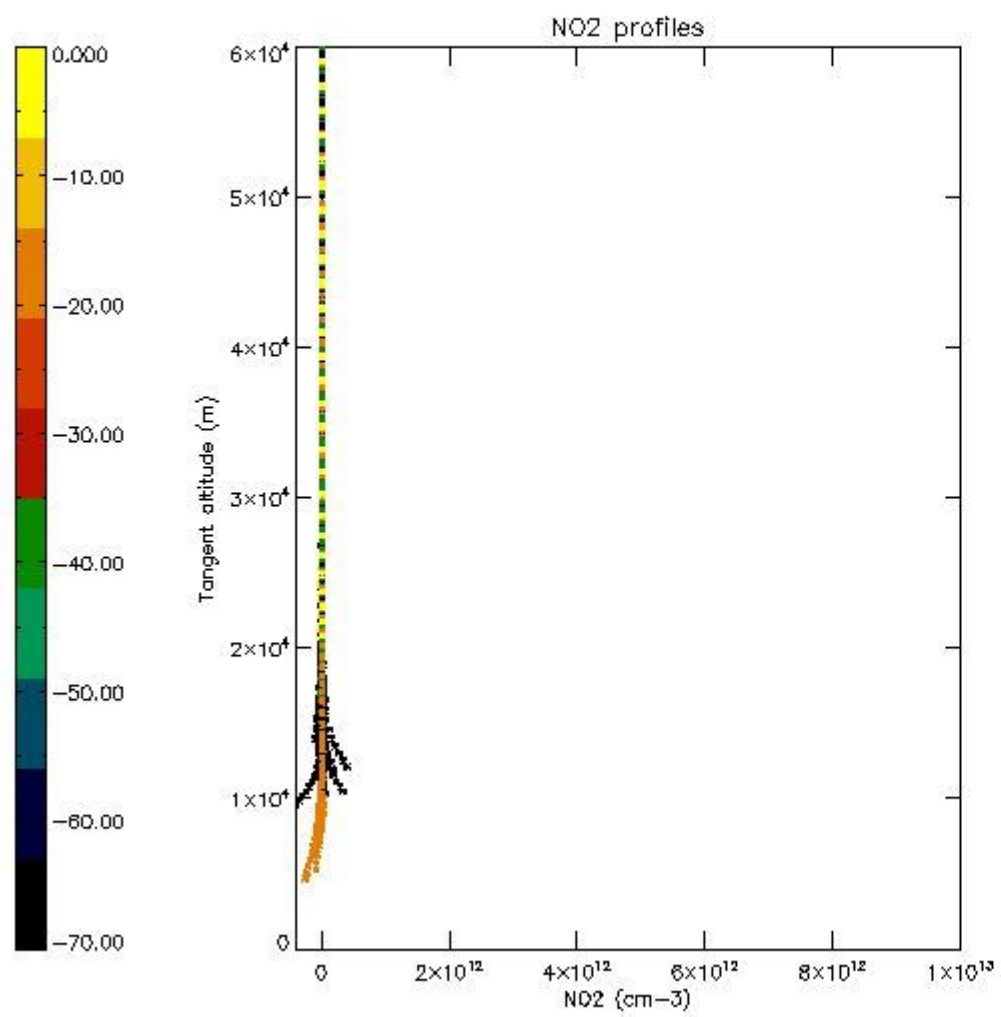
The colorbar represents the latitude.





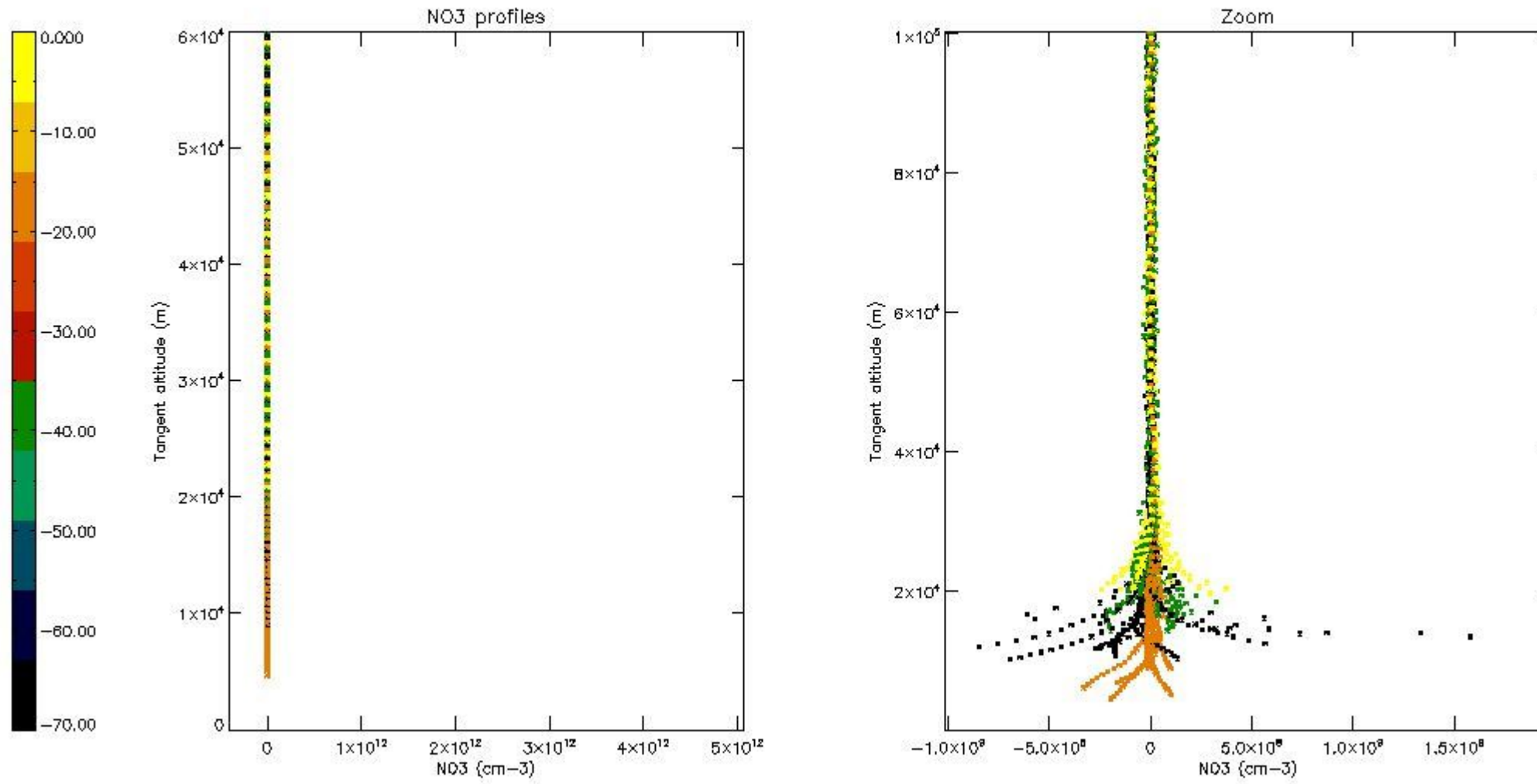
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

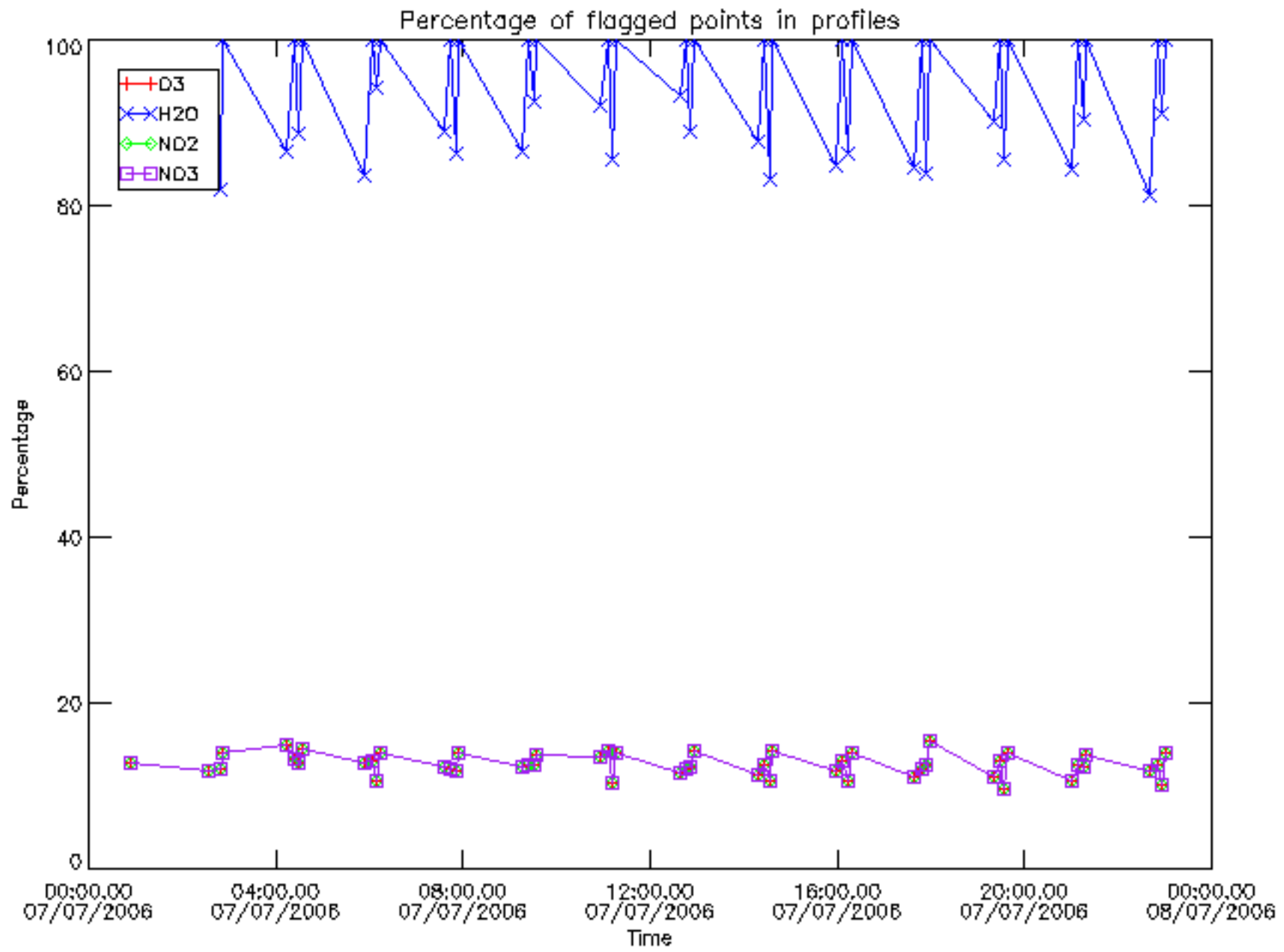
The colorbar represents the latitude.



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

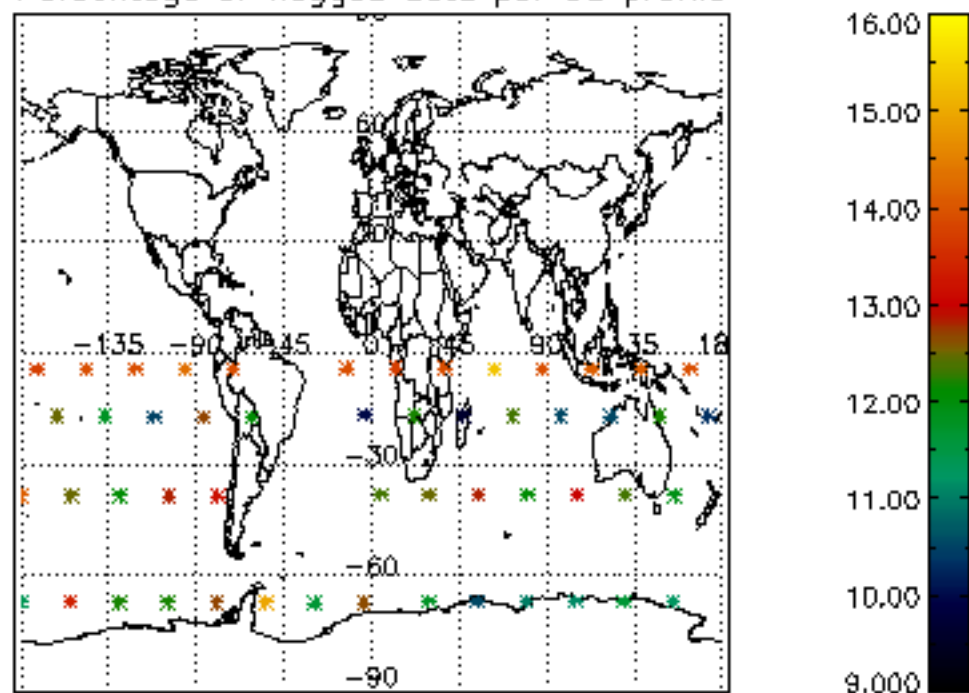
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	07-JUL-2006 00:01:16
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	07-JUL-2006 00:01:16
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	07-JUL-2006 00:01:16

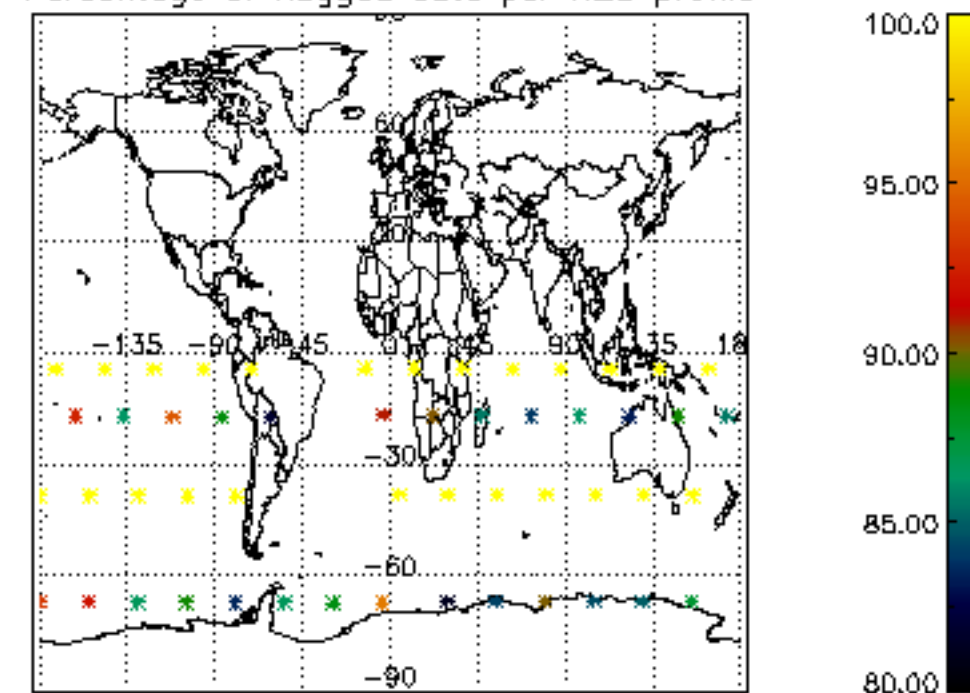




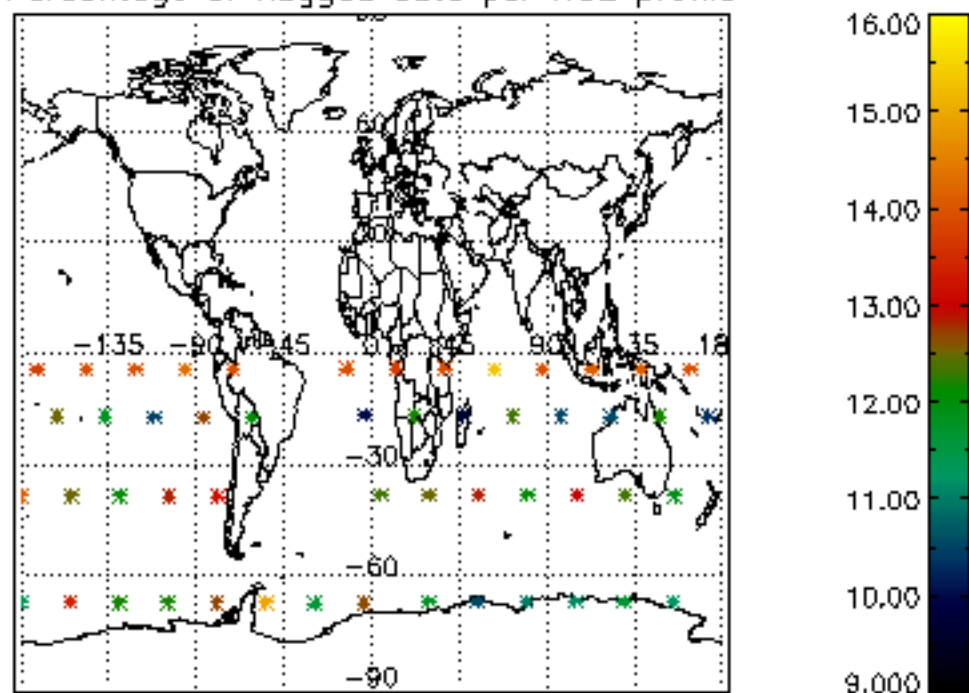
Percentage of flagged data per D3 profile



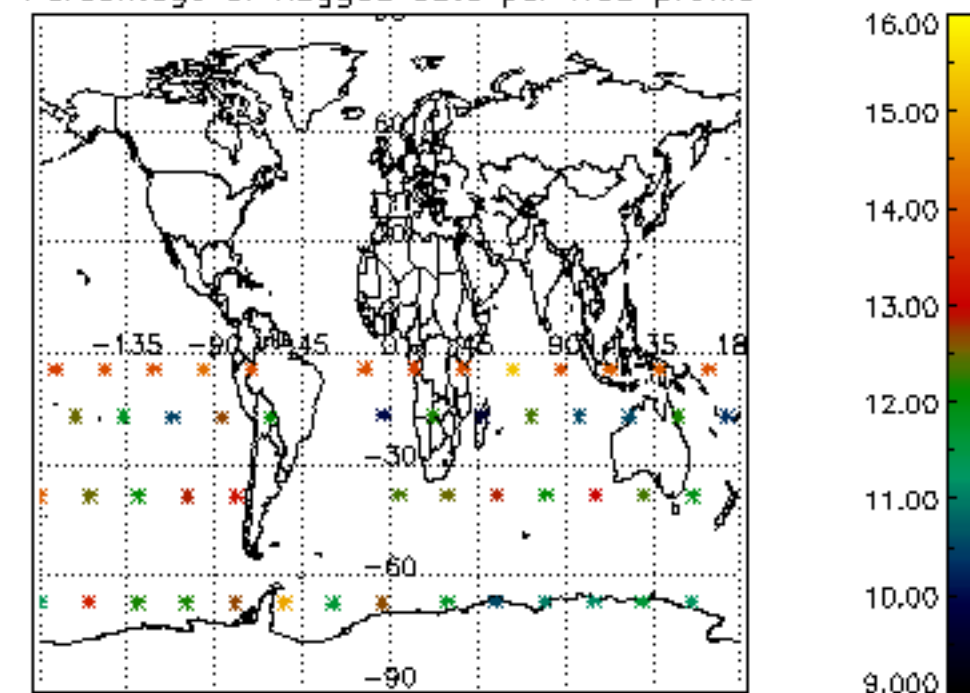
Percentage of flagged data per H2O profile

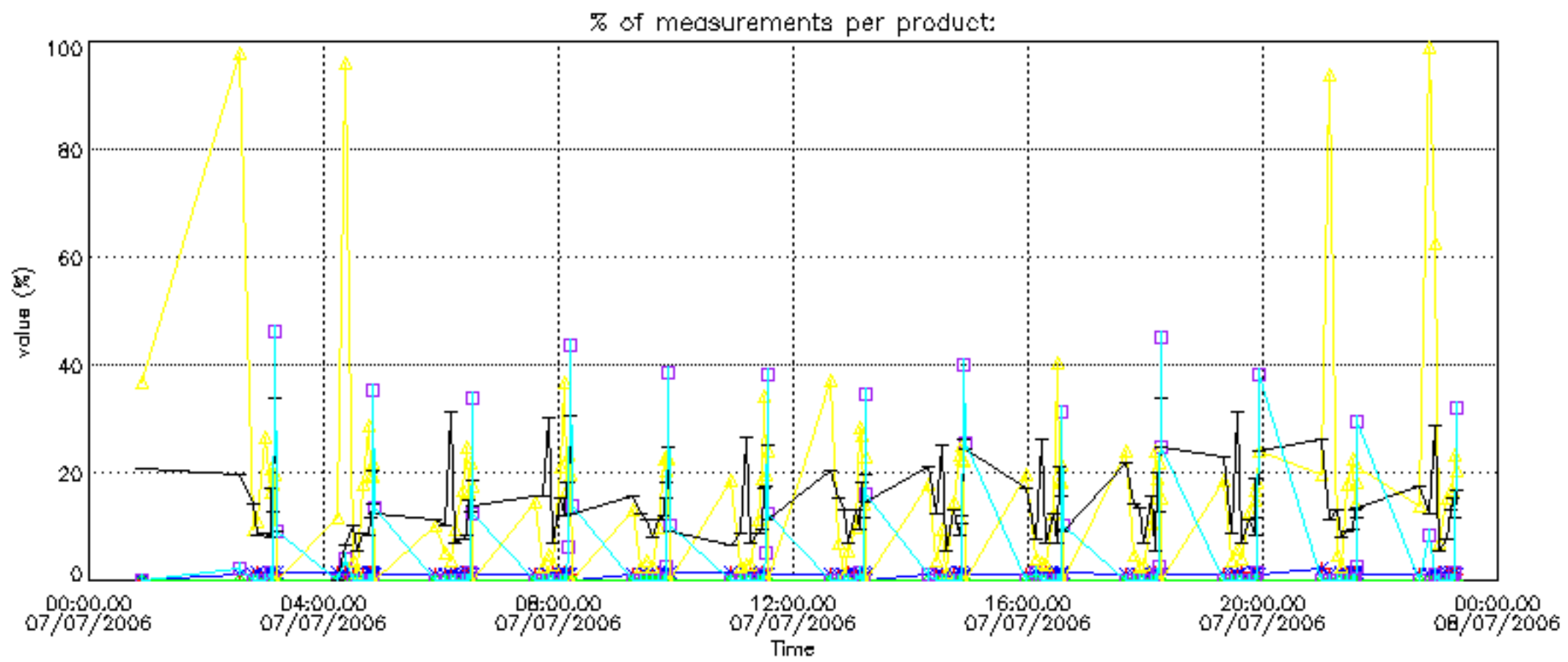


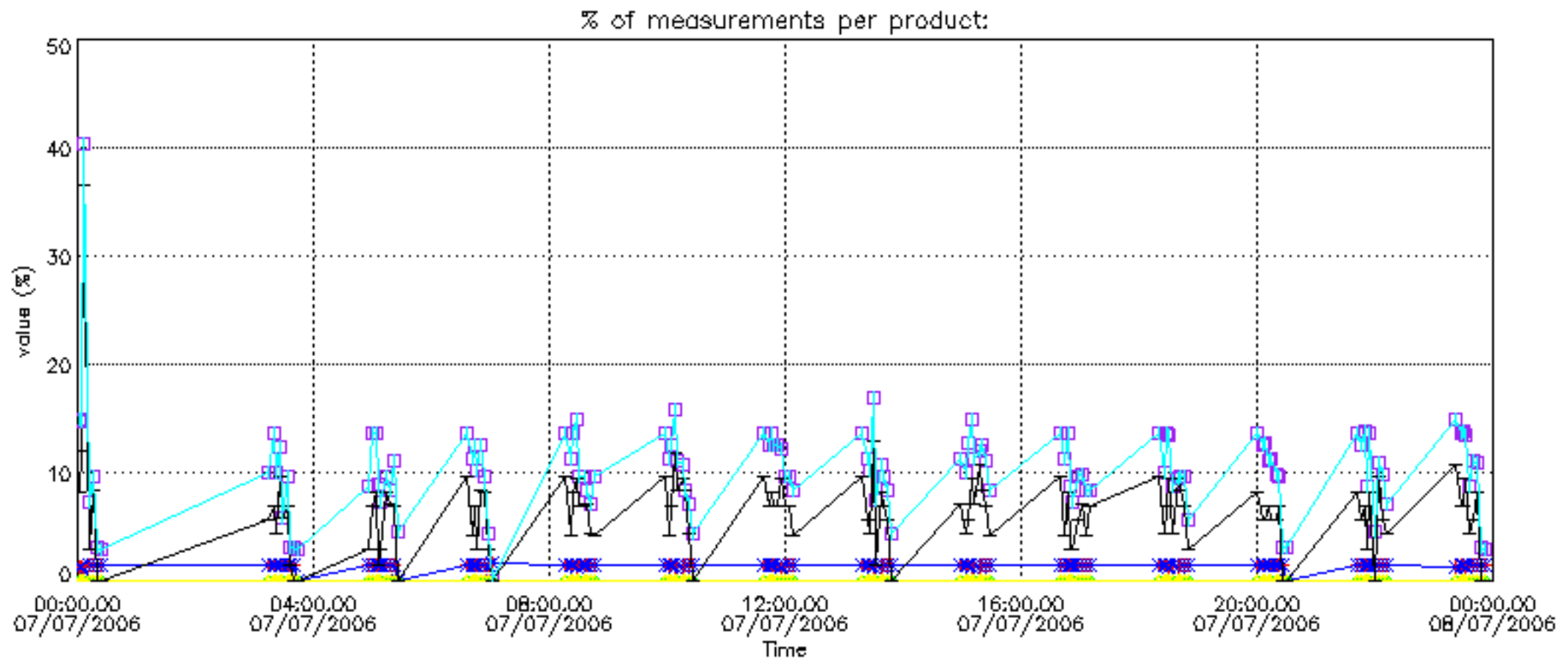
Percentage of flagged data per NO2 profile



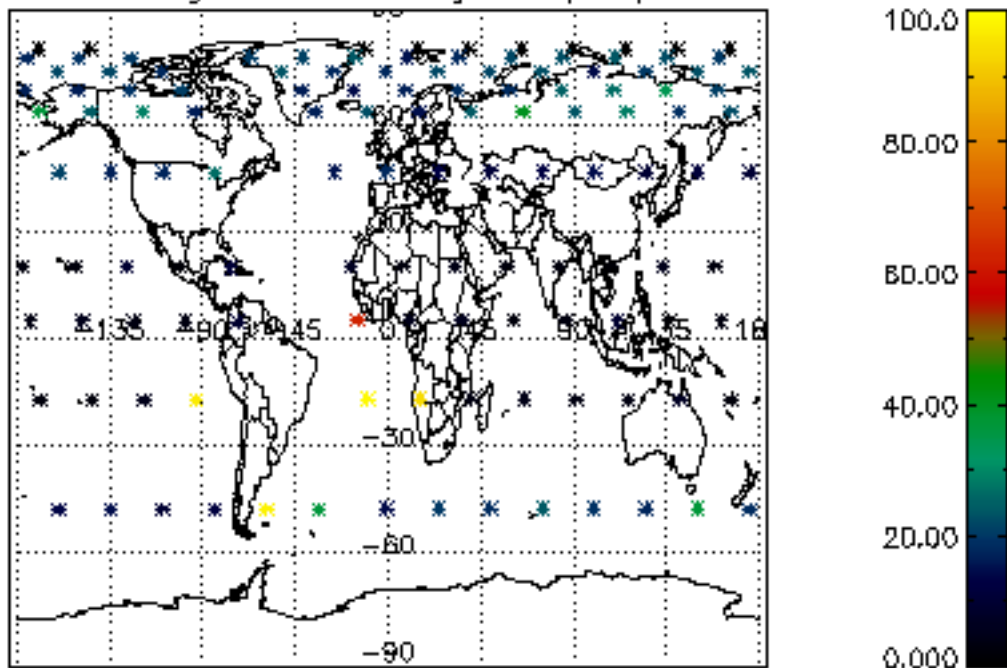
Percentage of flagged data per NO3 profile



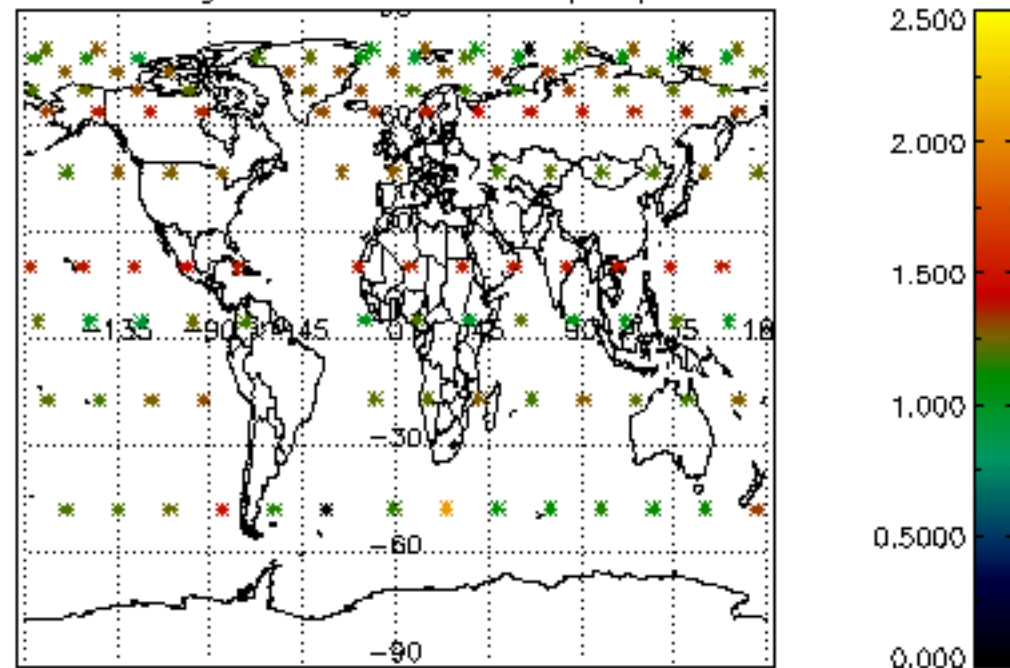




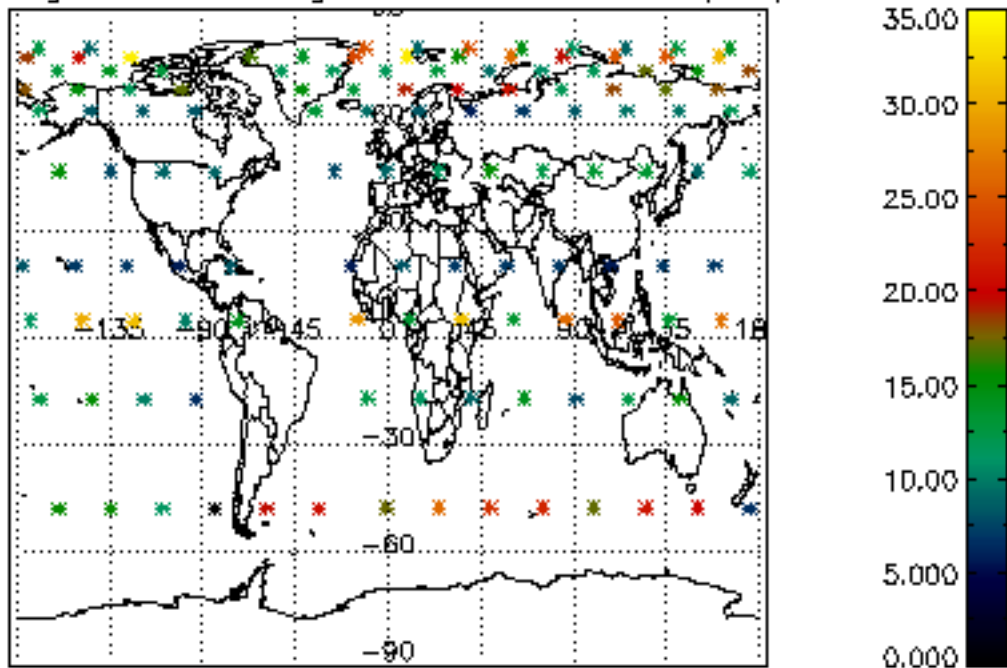
Percentage of cosmic ray hits per profile



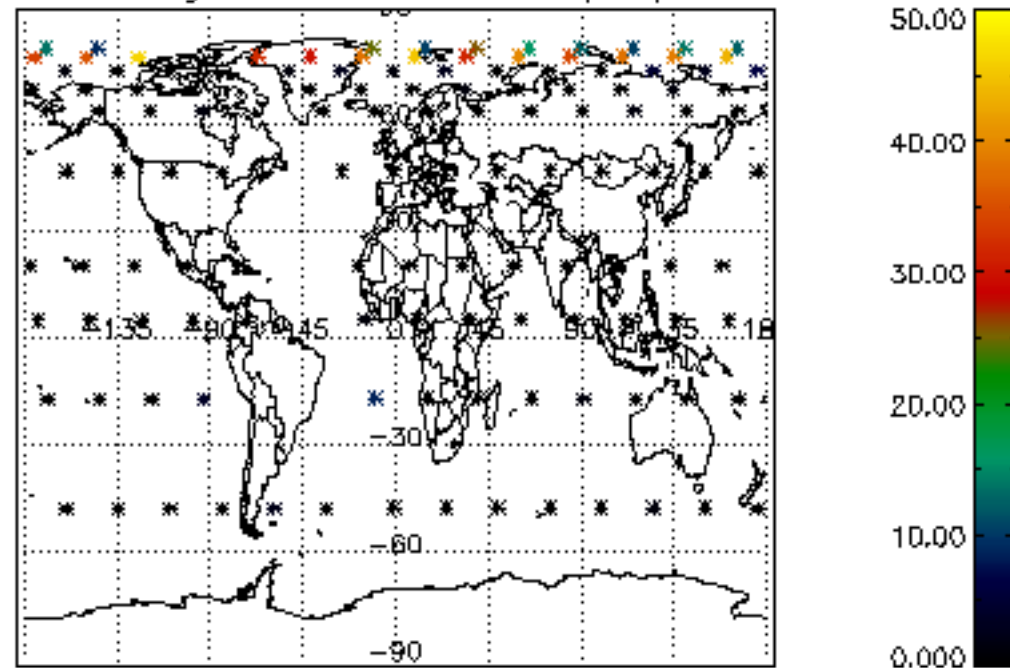
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

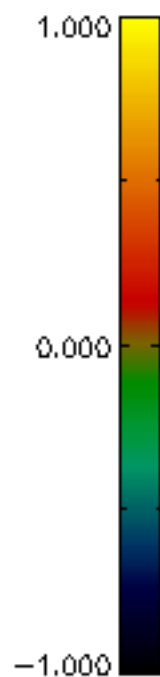
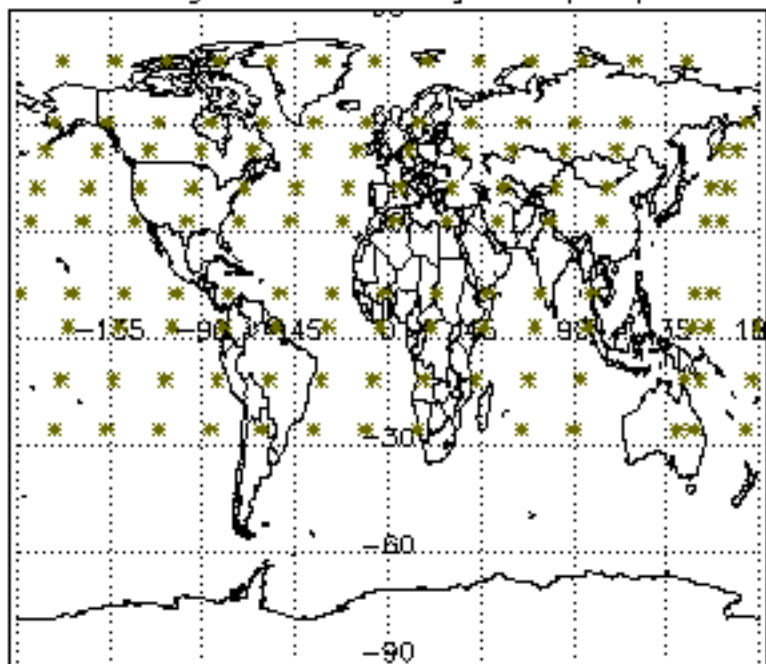


Percentage of saturation errors per profile

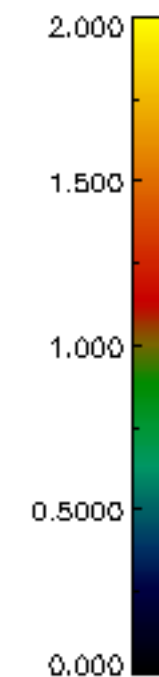
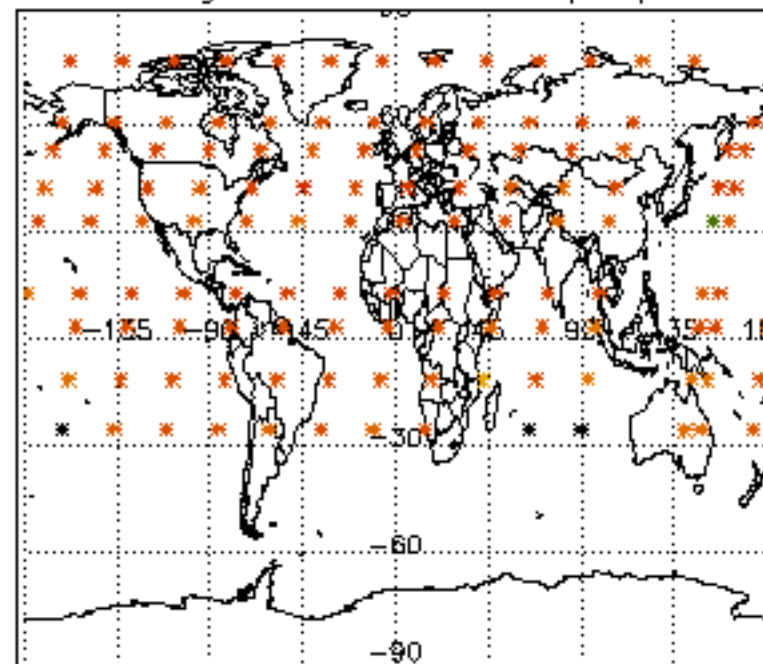




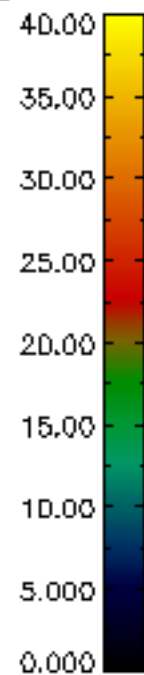
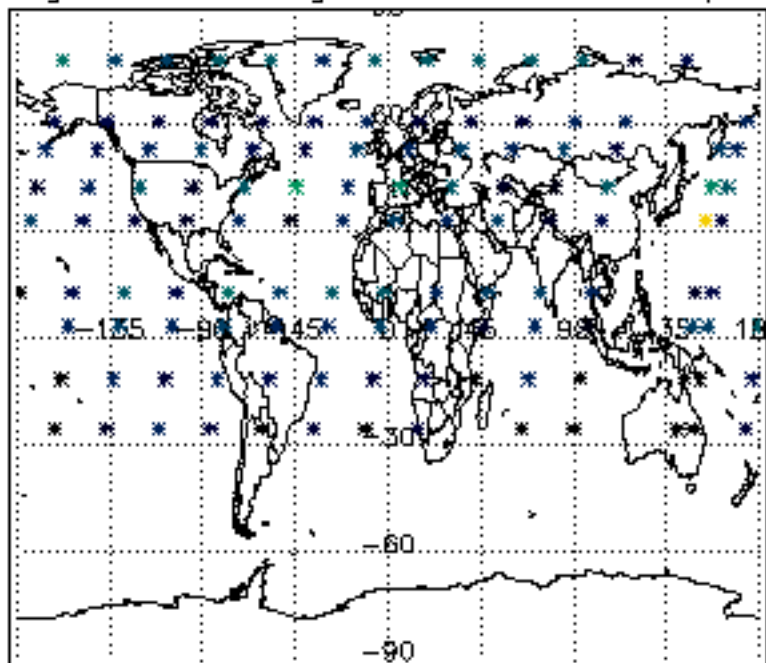
Percentage of cosmic ray hits per profile



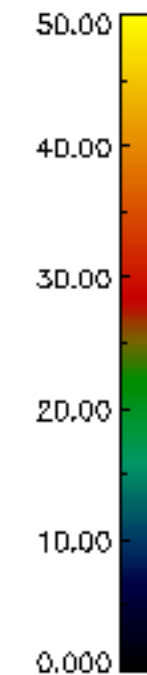
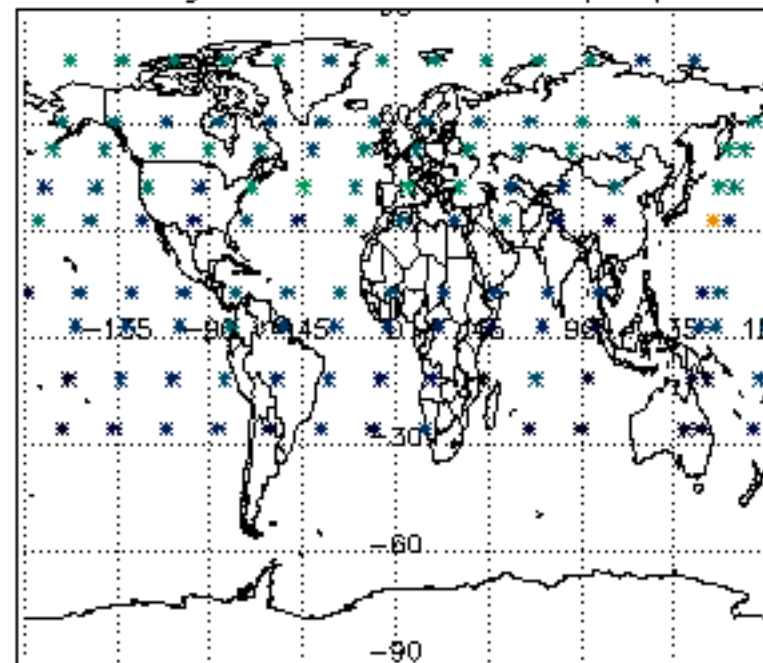
Percentage of datation errors per profile

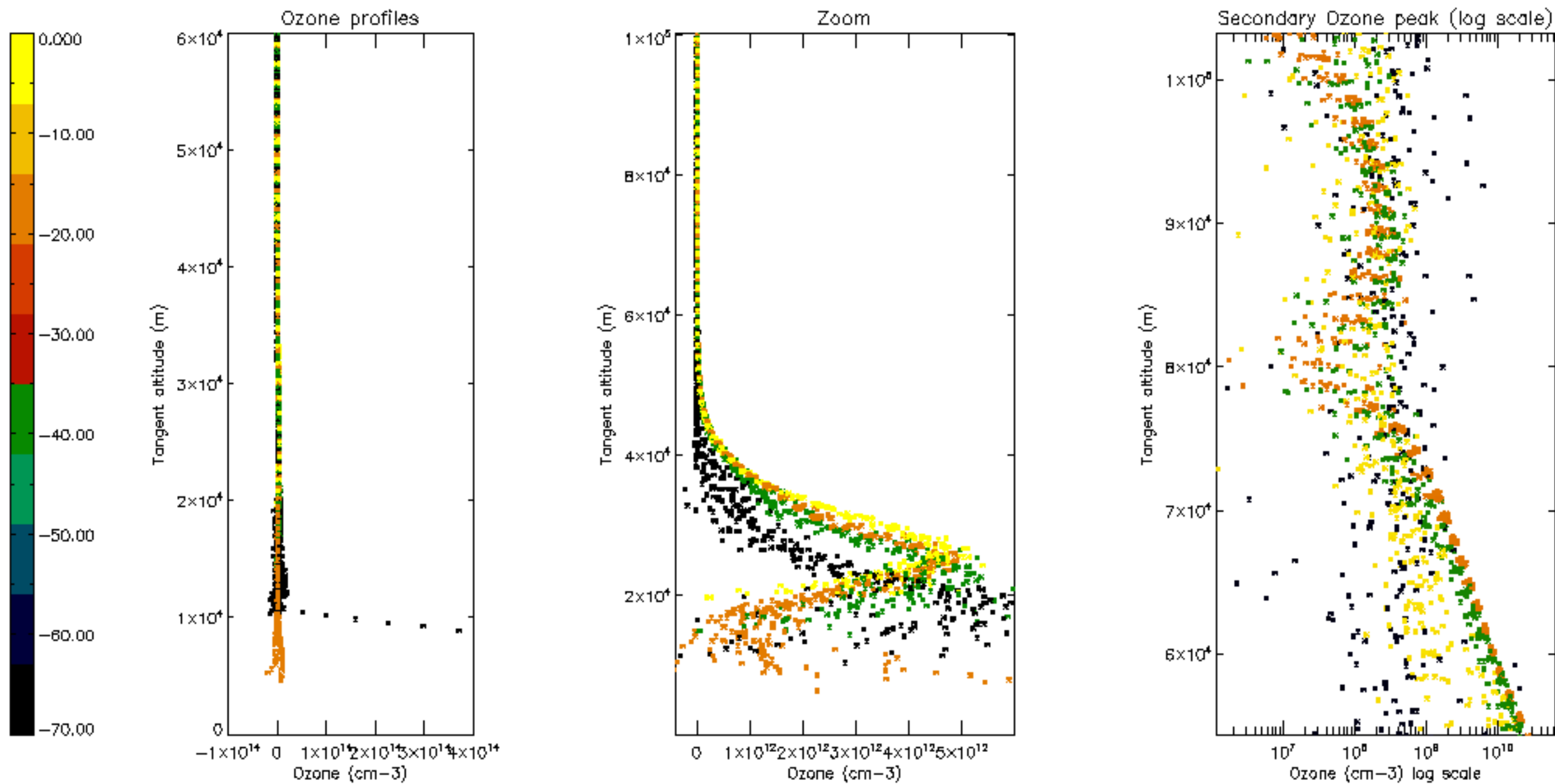


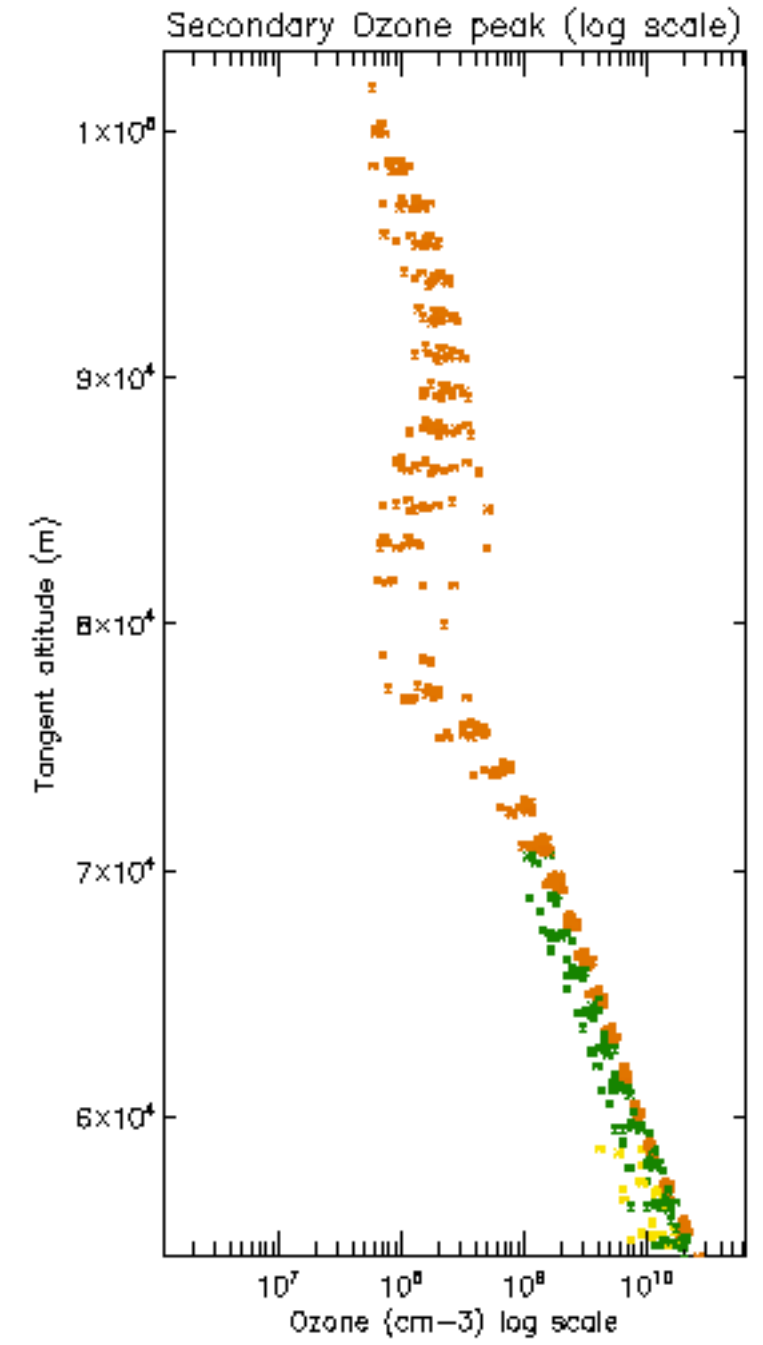
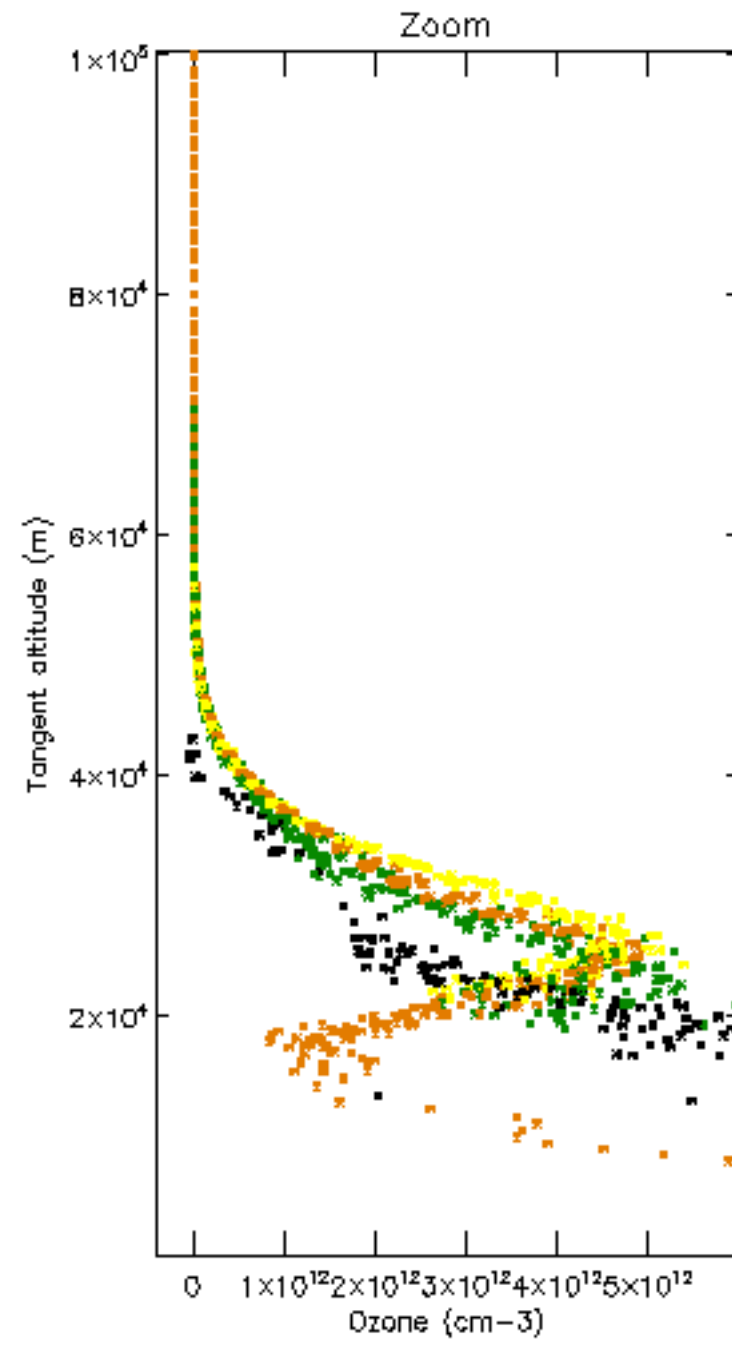
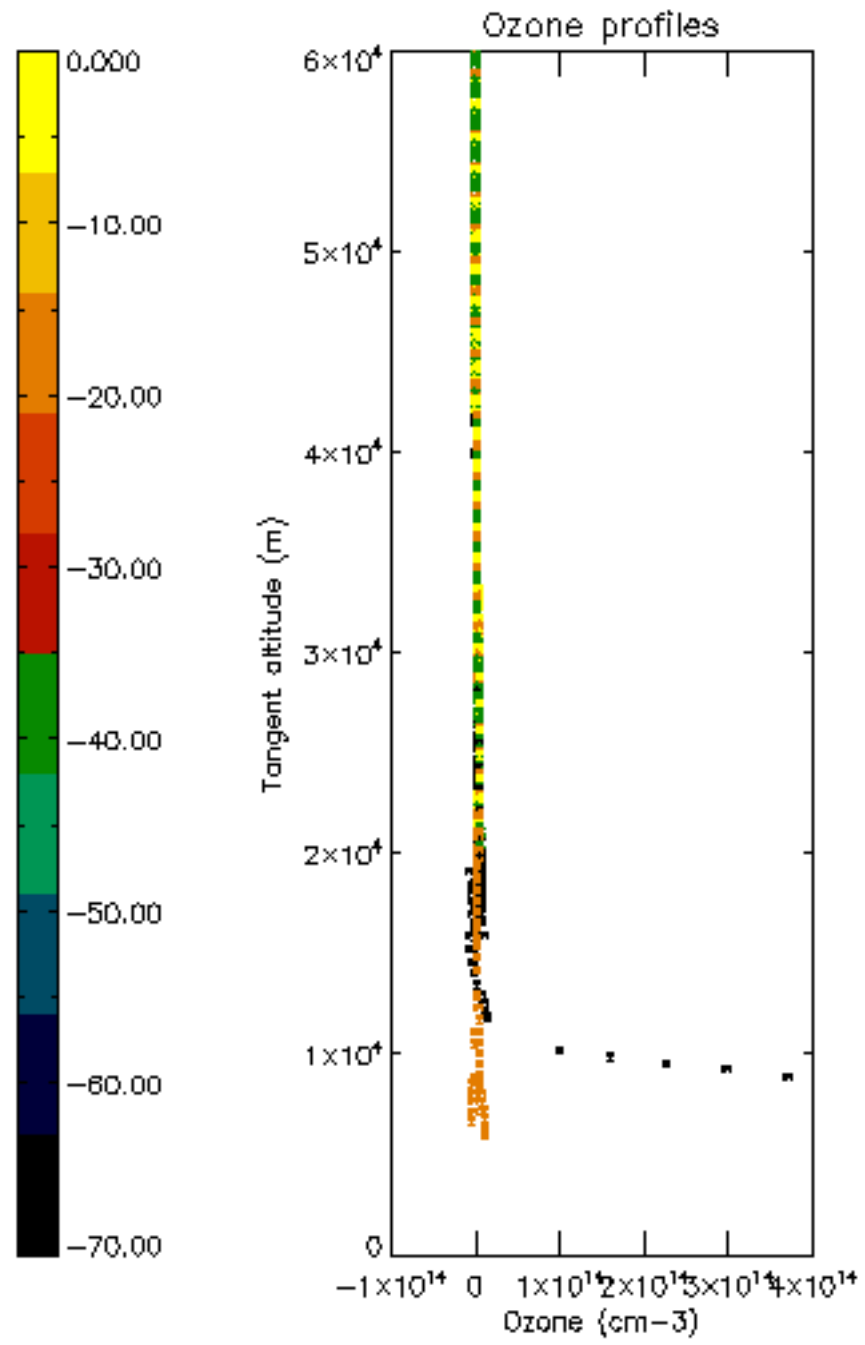
Percentage of star falling outside central band per profile

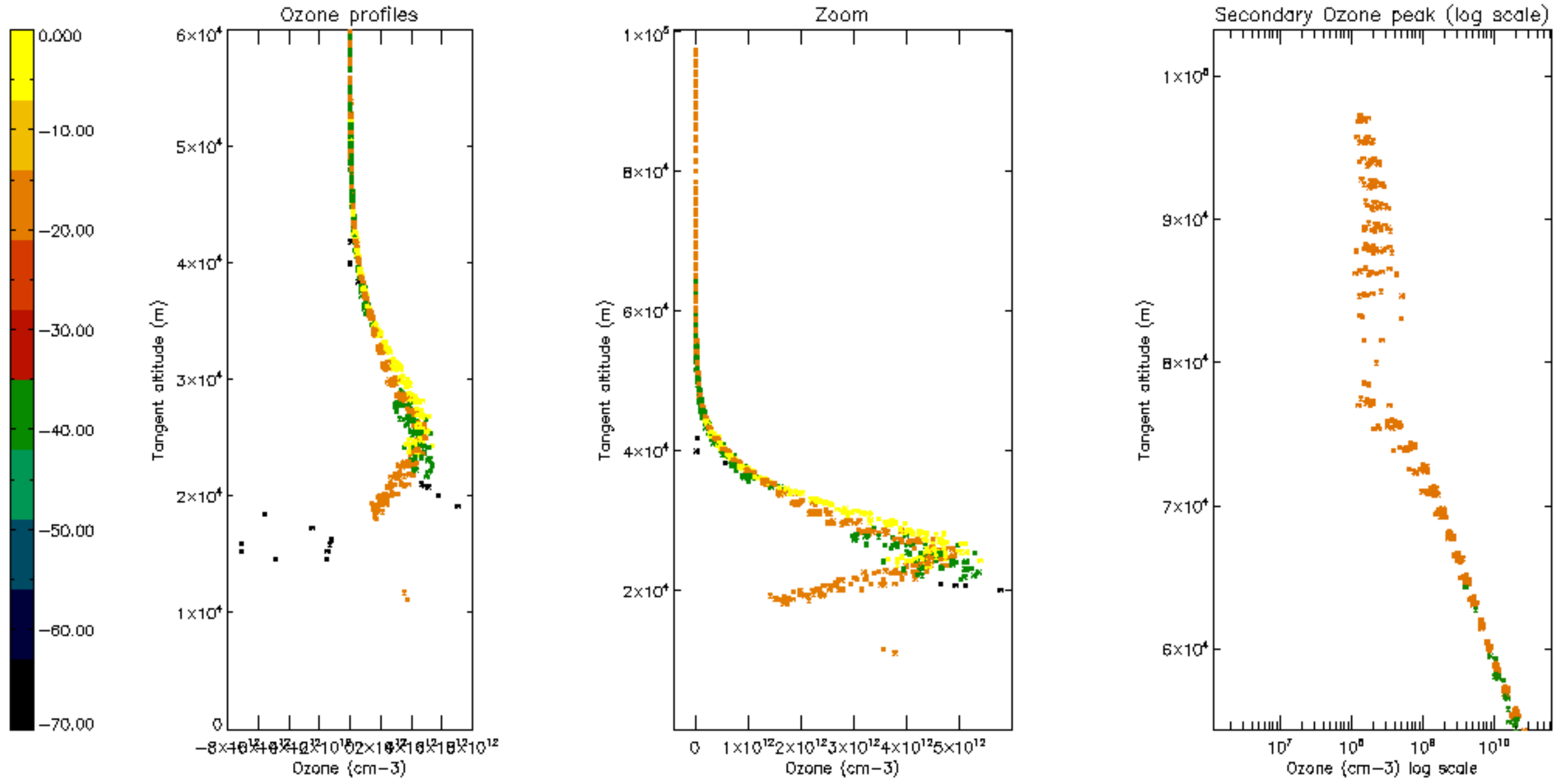


Percentage of saturation errors per profile

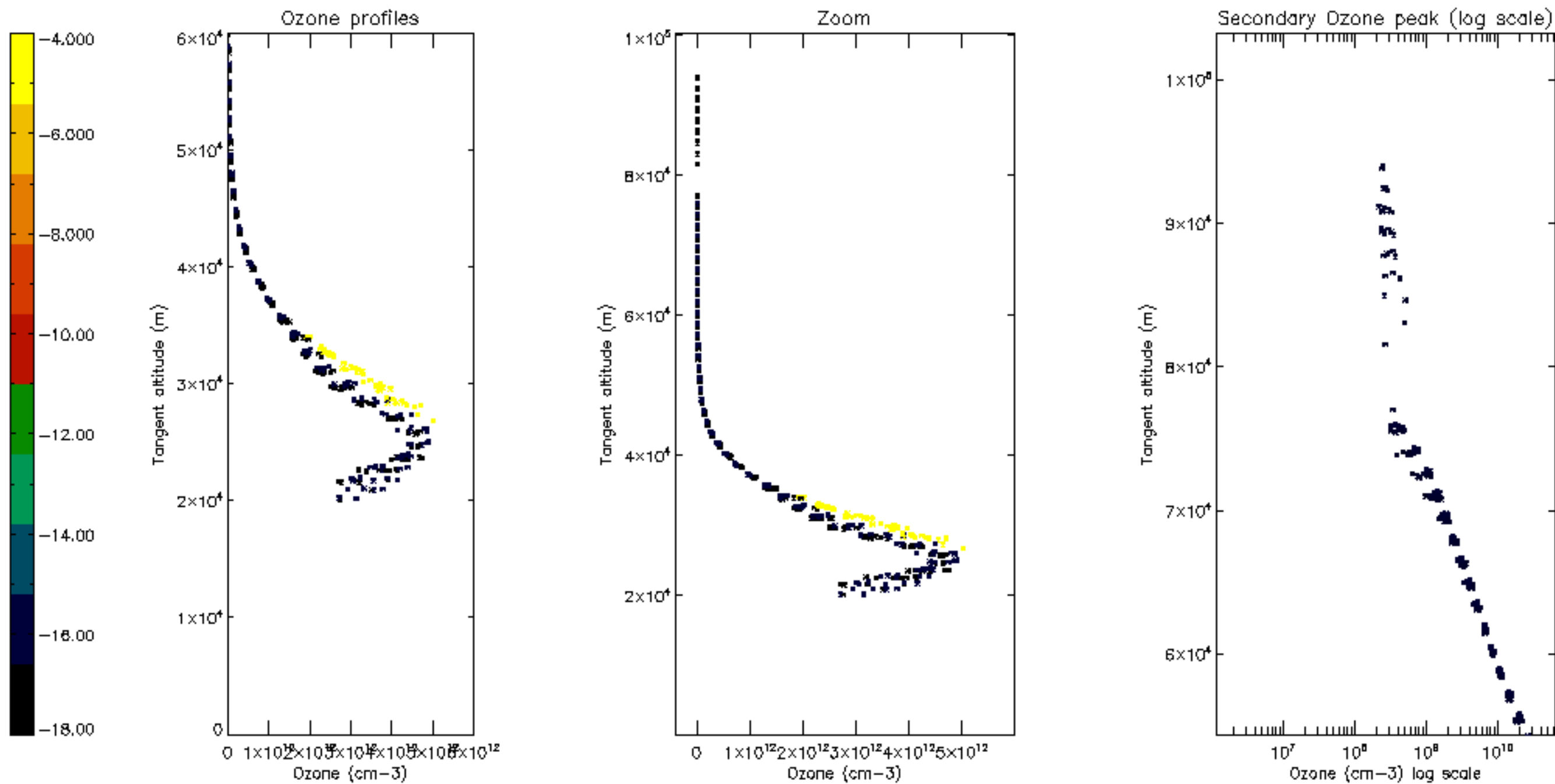


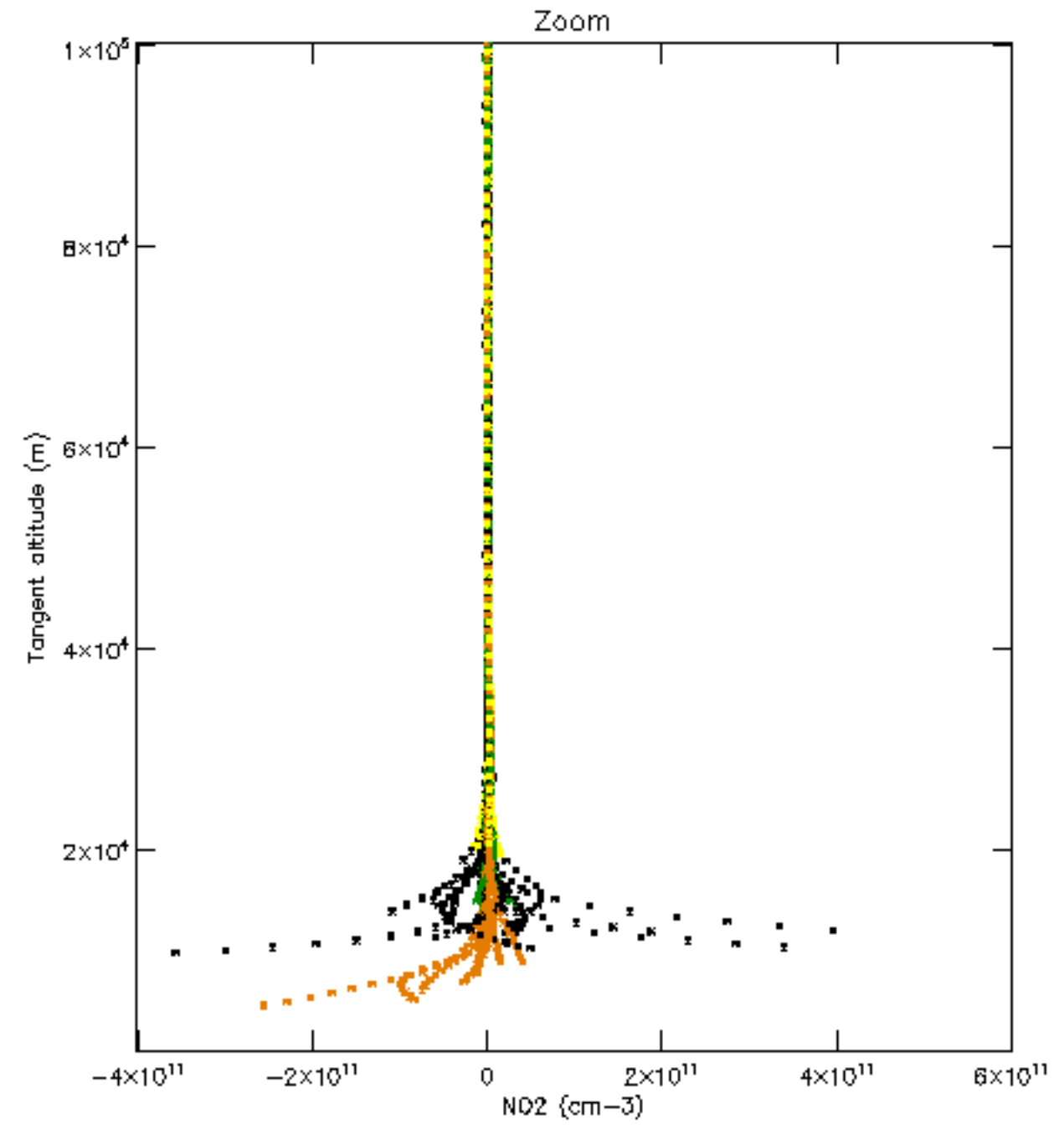
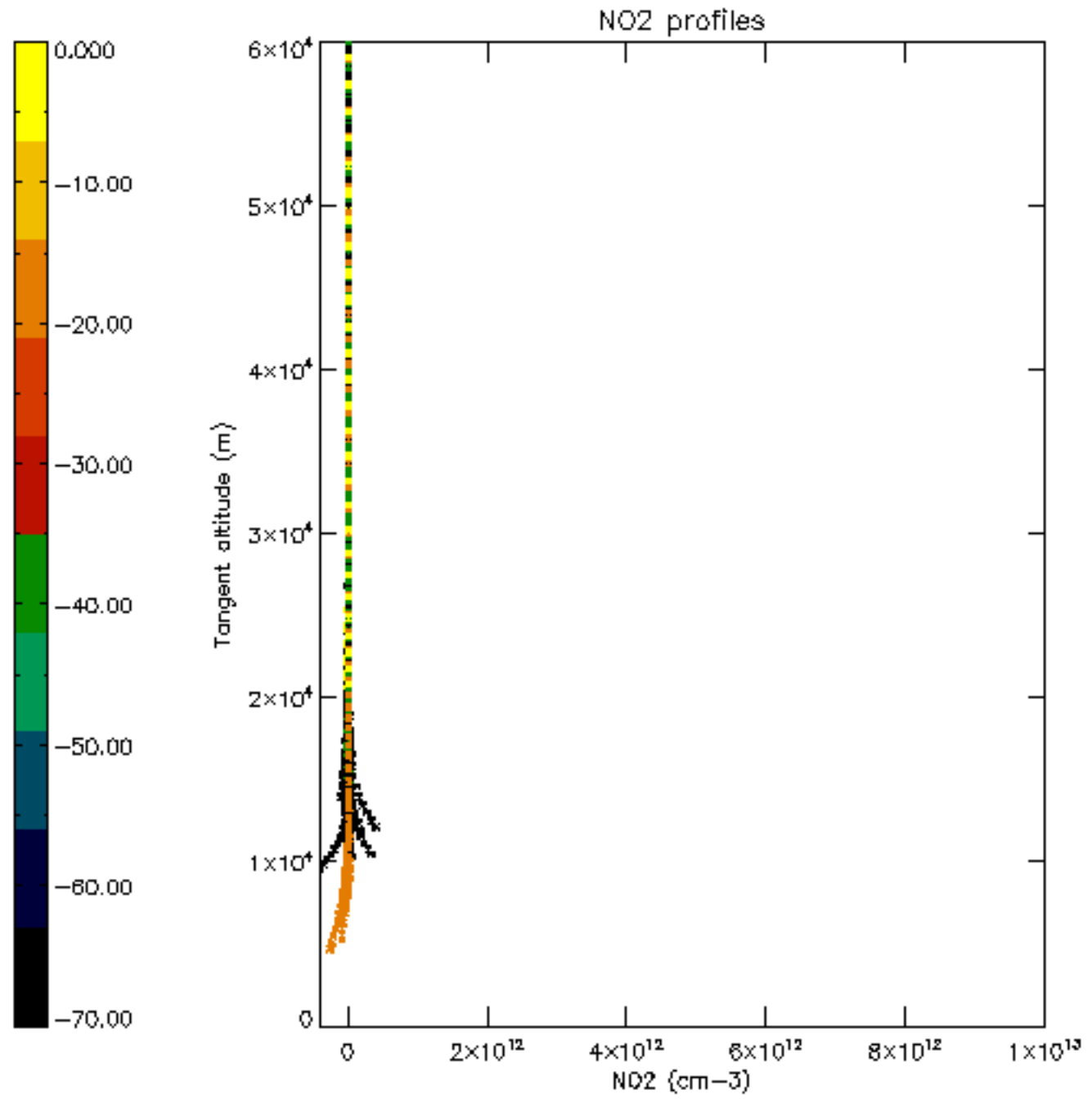


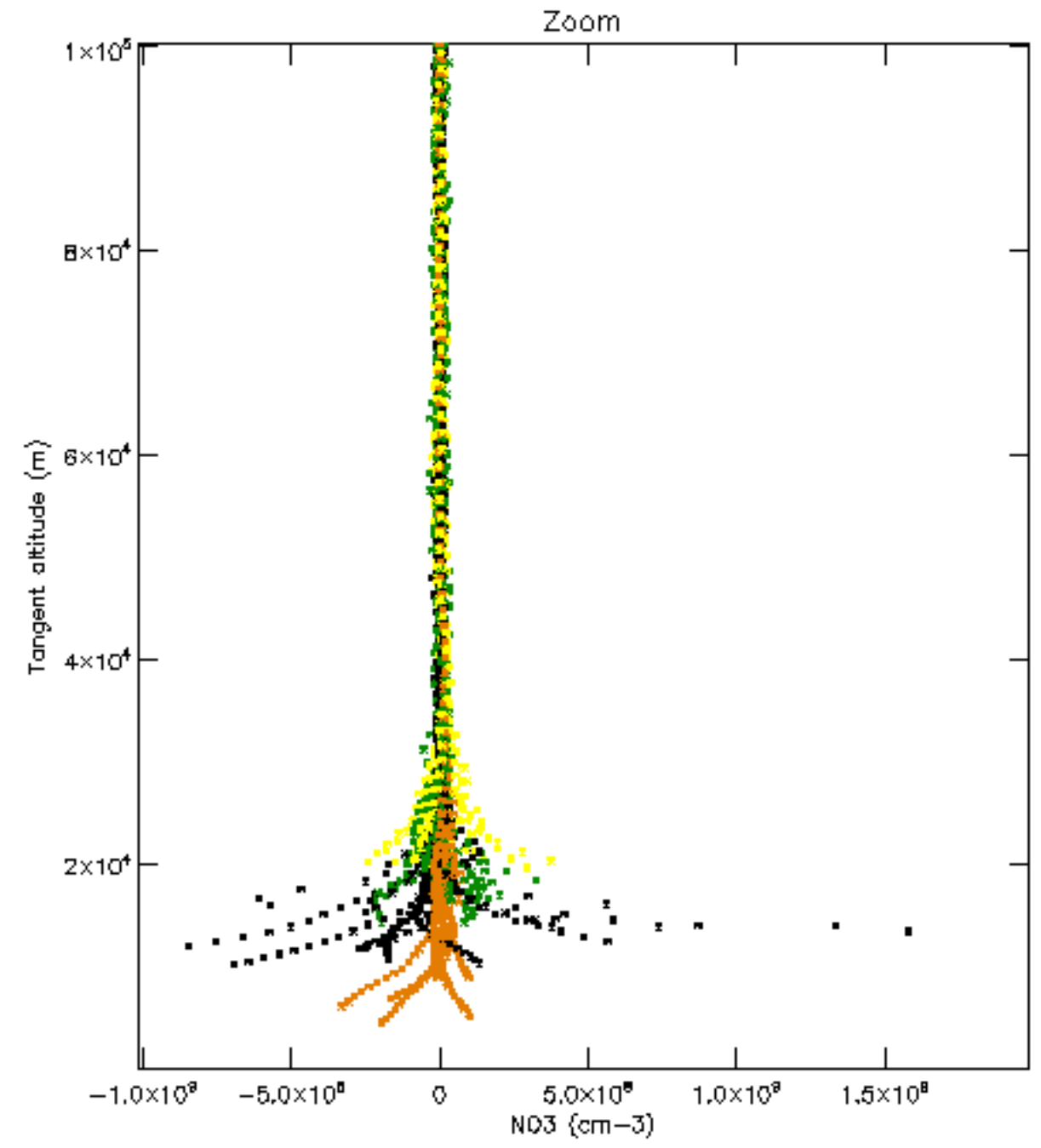
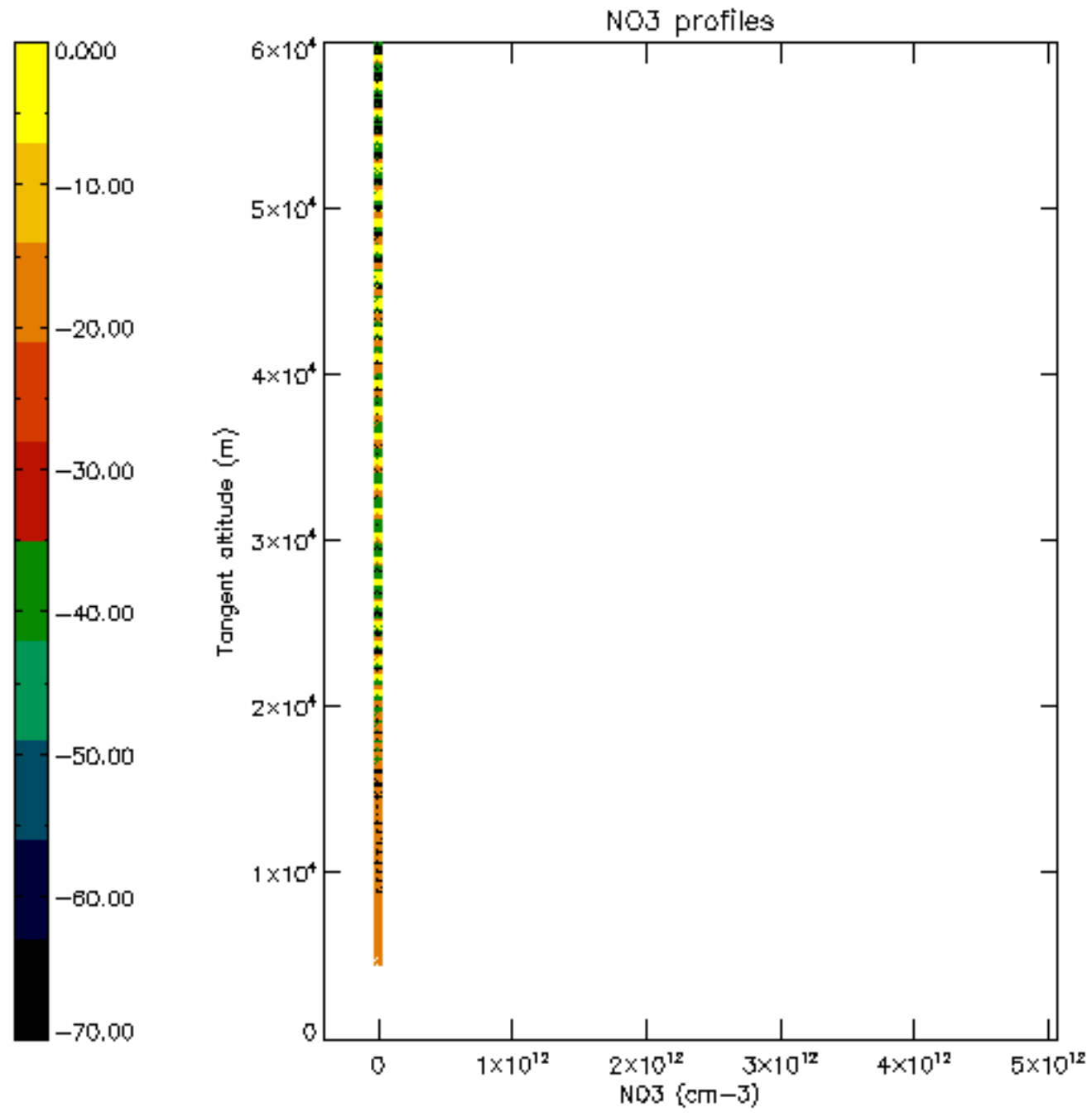


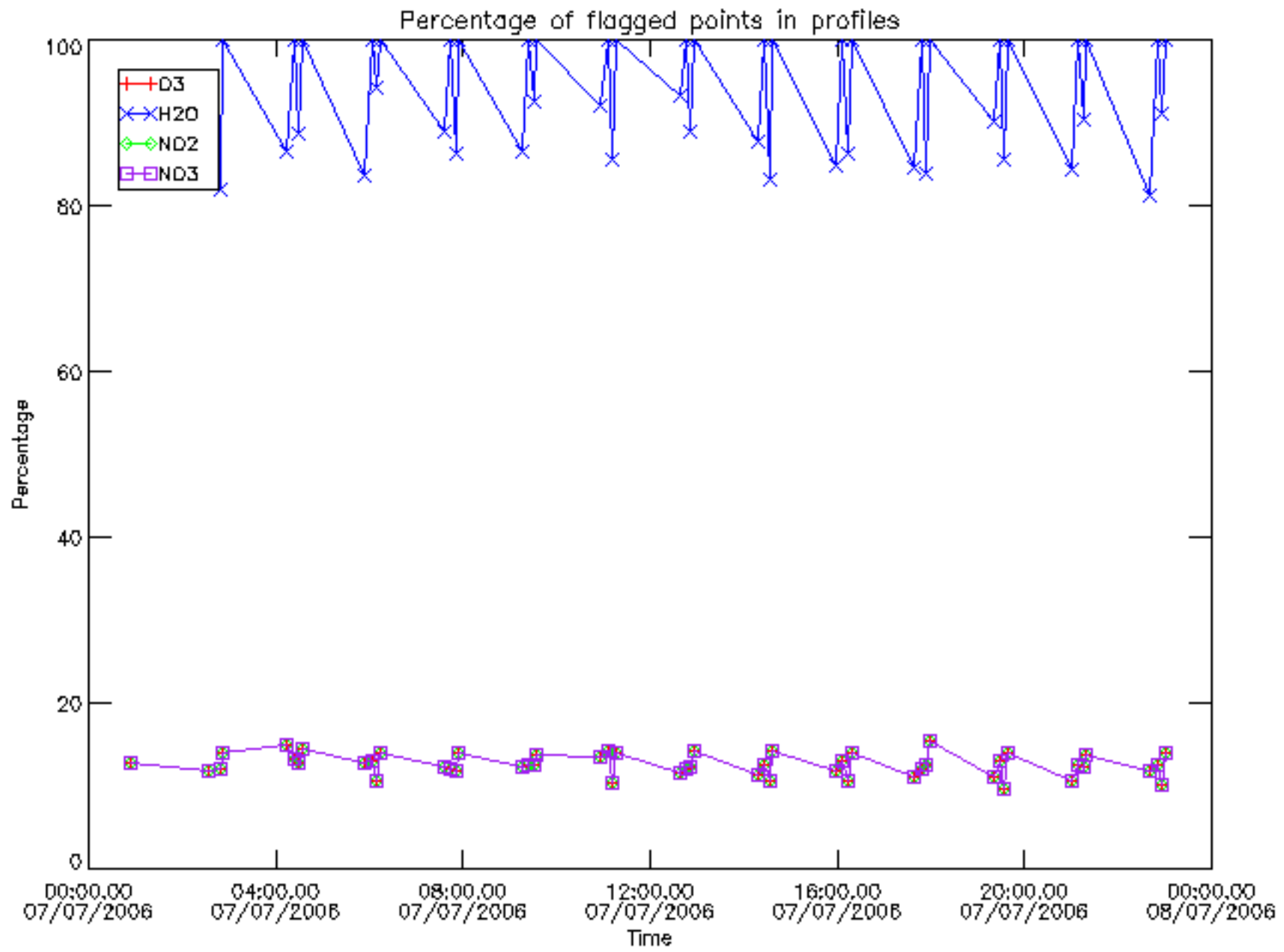






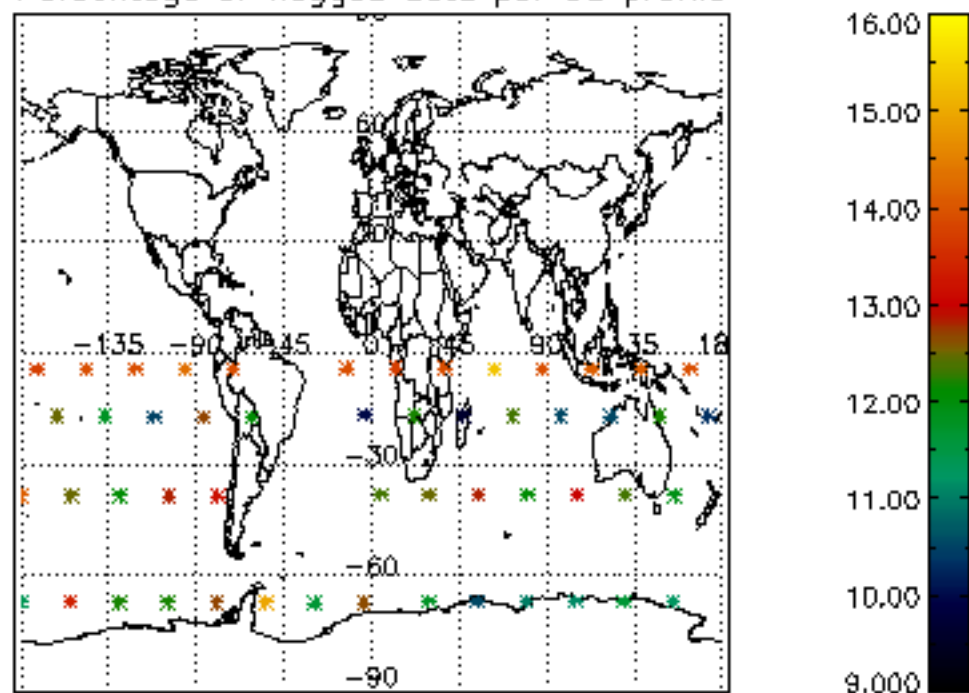




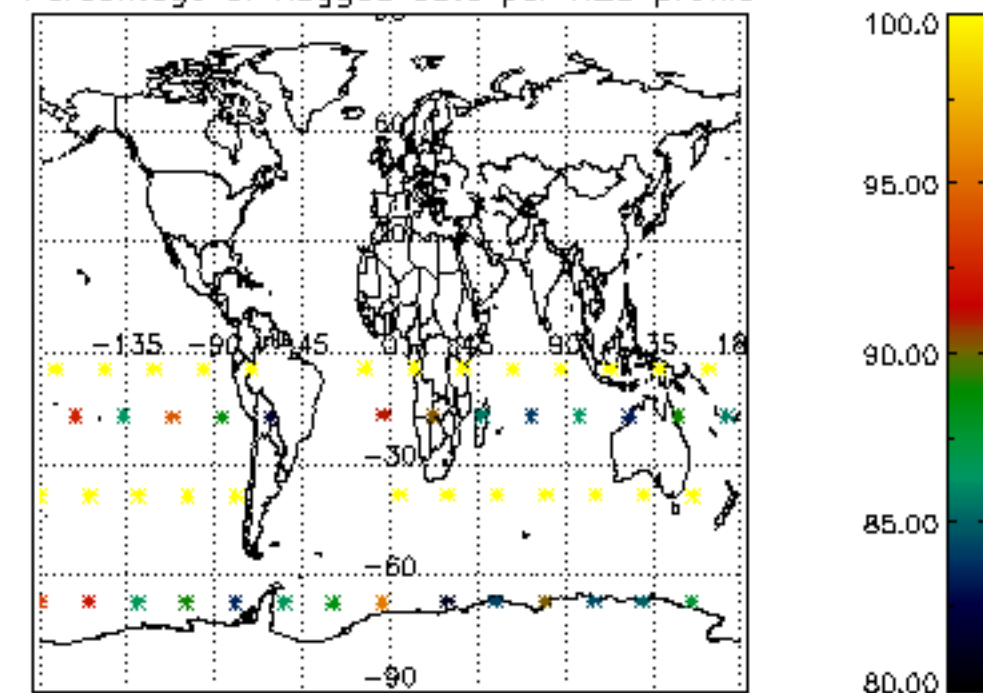




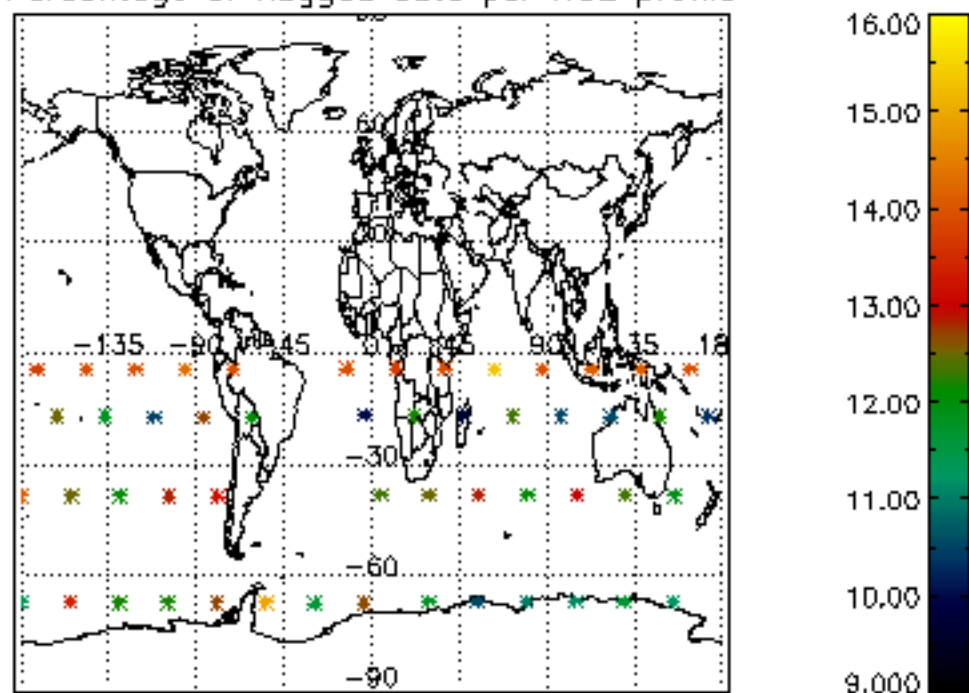
Percentage of flagged data per D3 profile



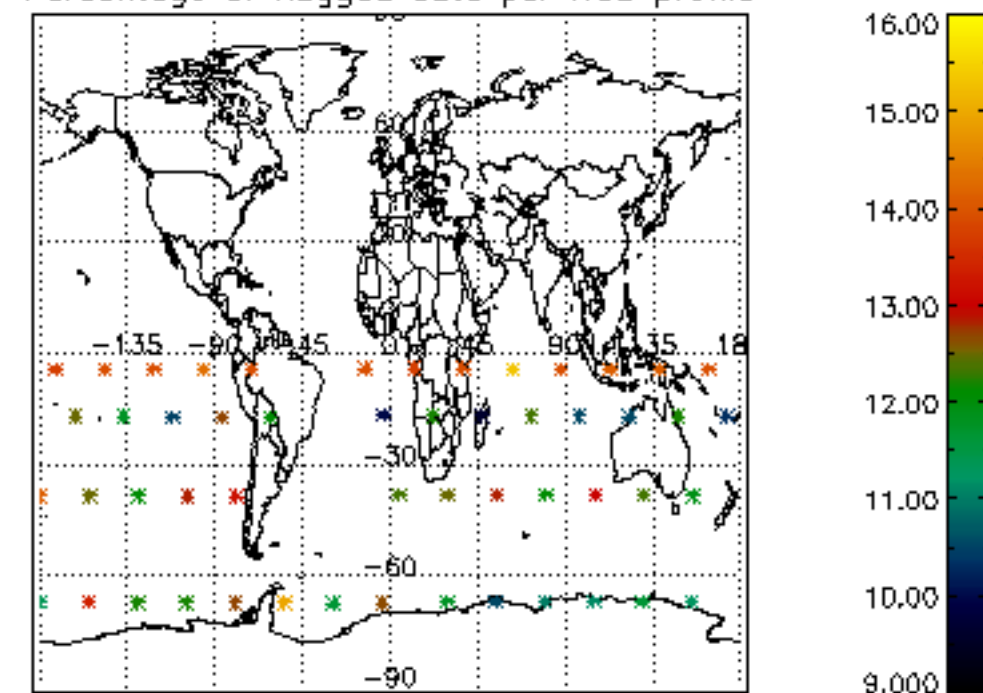
Percentage of flagged data per H2O profile

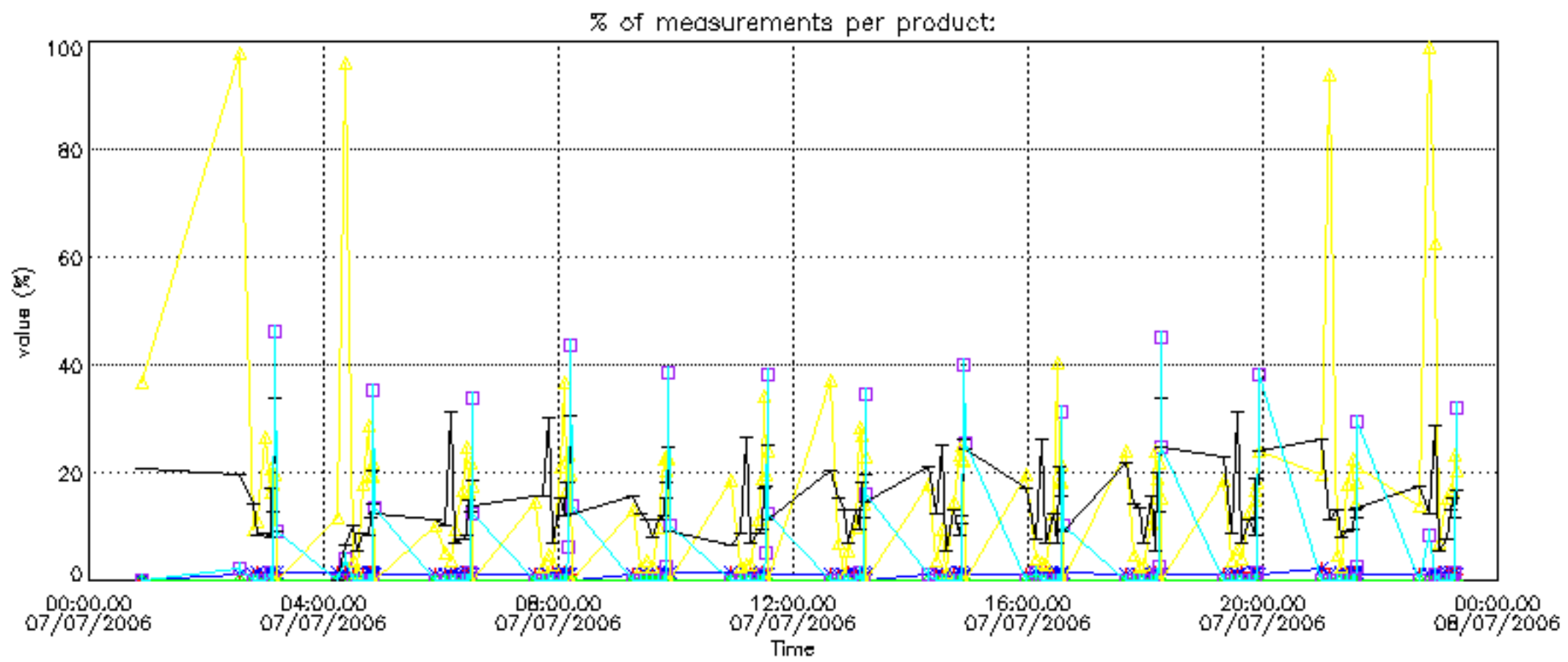


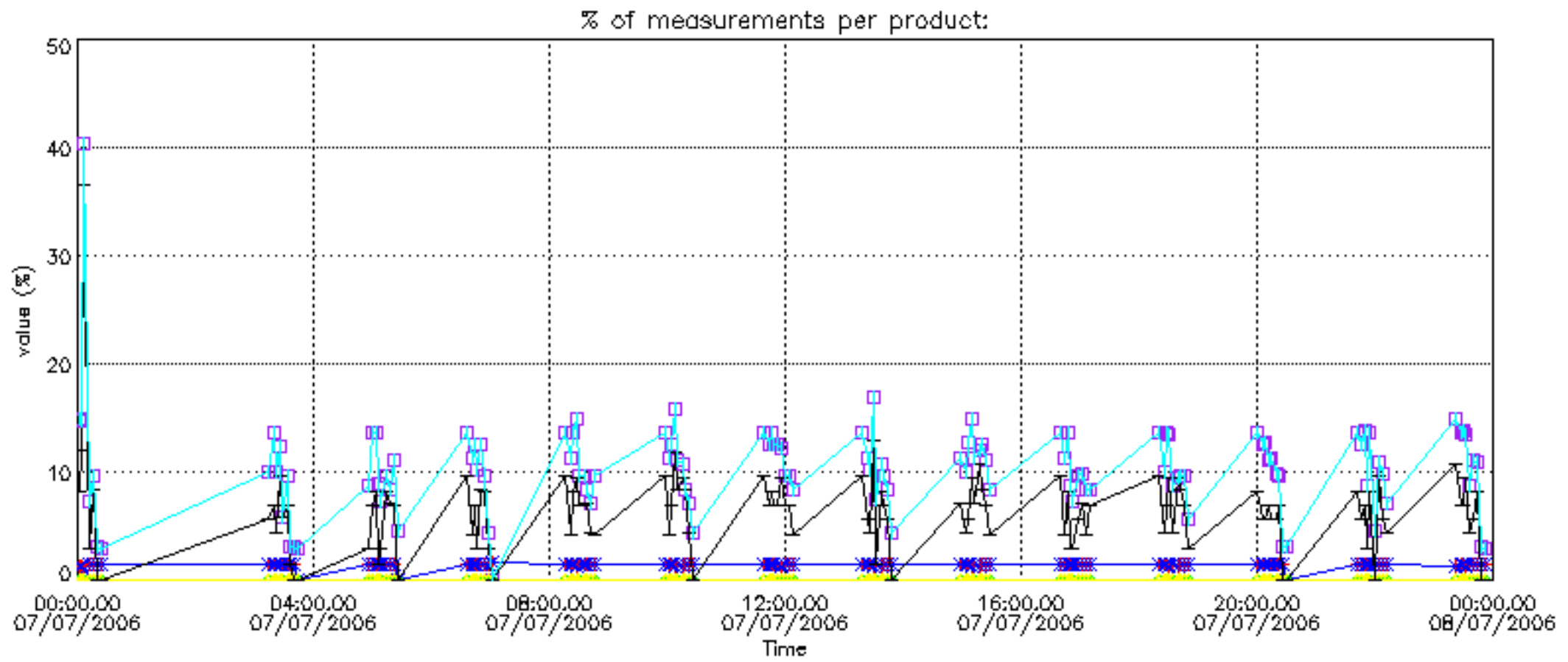
Percentage of flagged data per NO2 profile



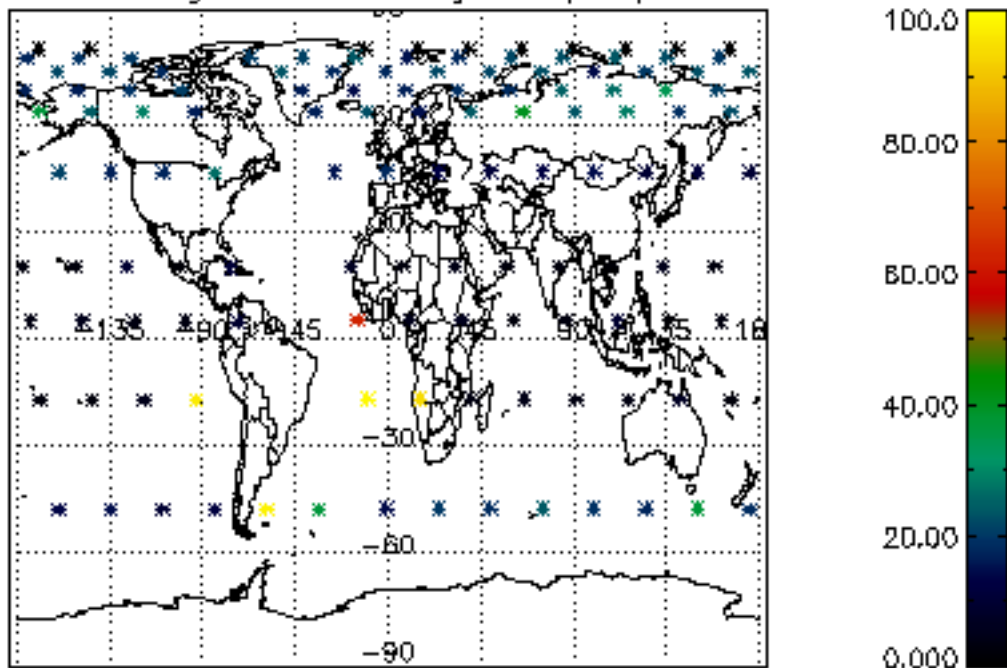
Percentage of flagged data per NO3 profile



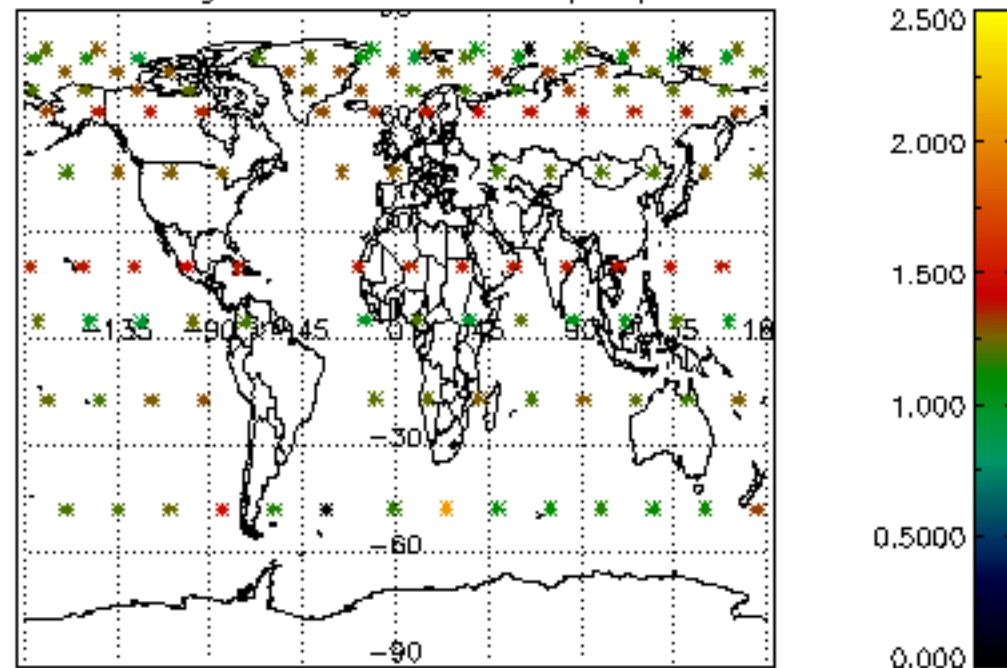




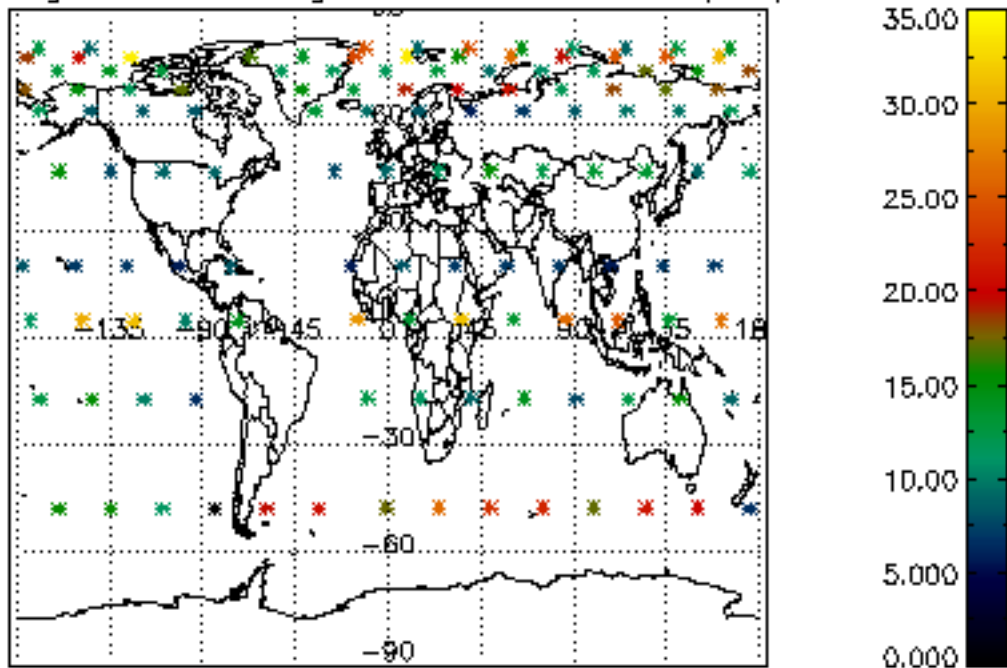
Percentage of cosmic ray hits per profile



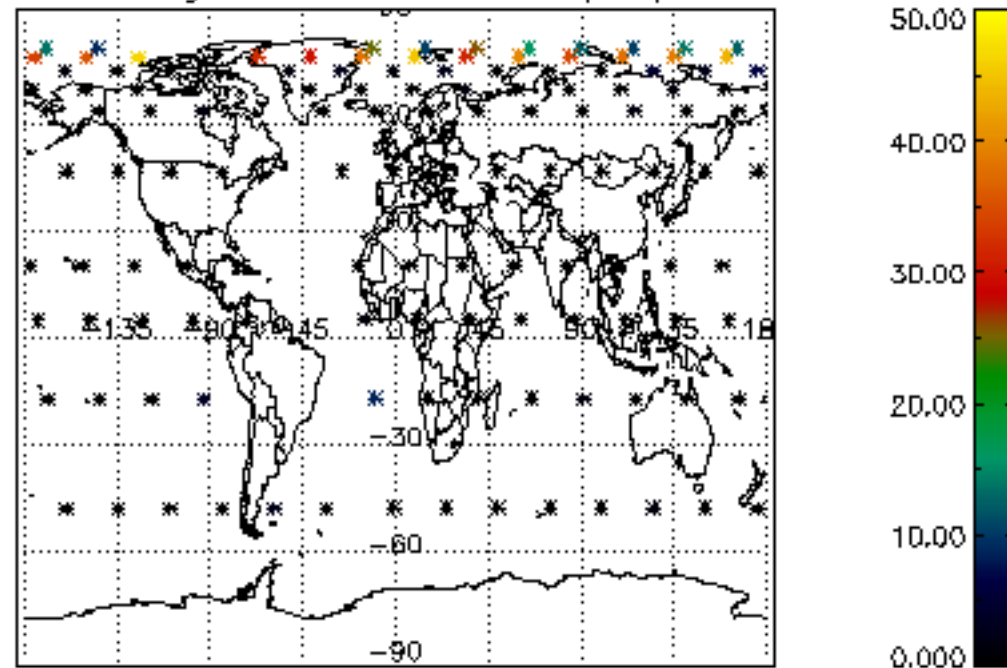
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

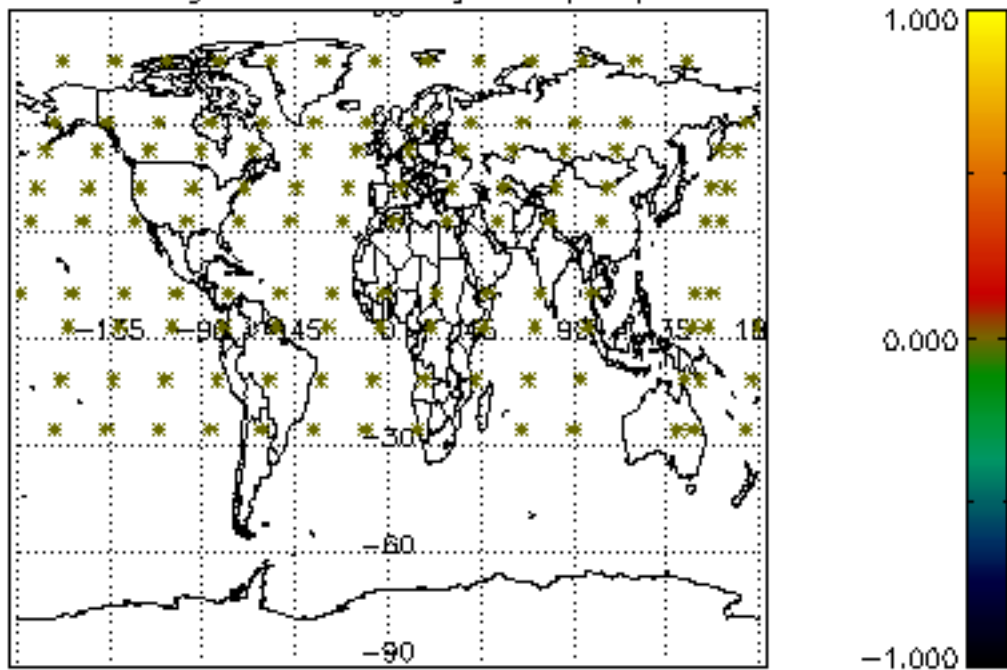


Percentage of saturation errors per profile

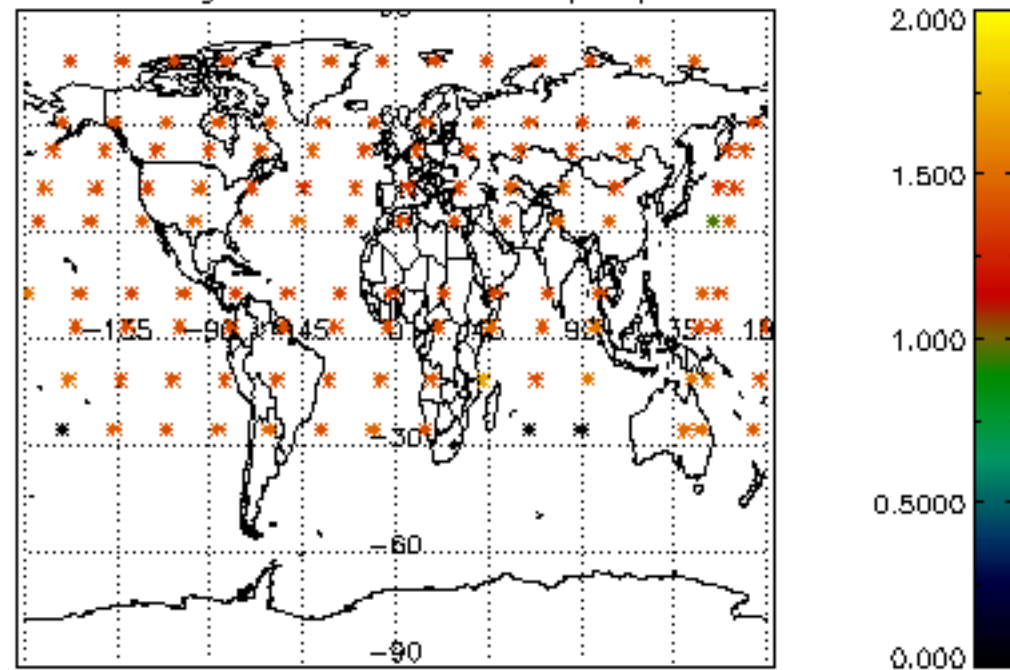




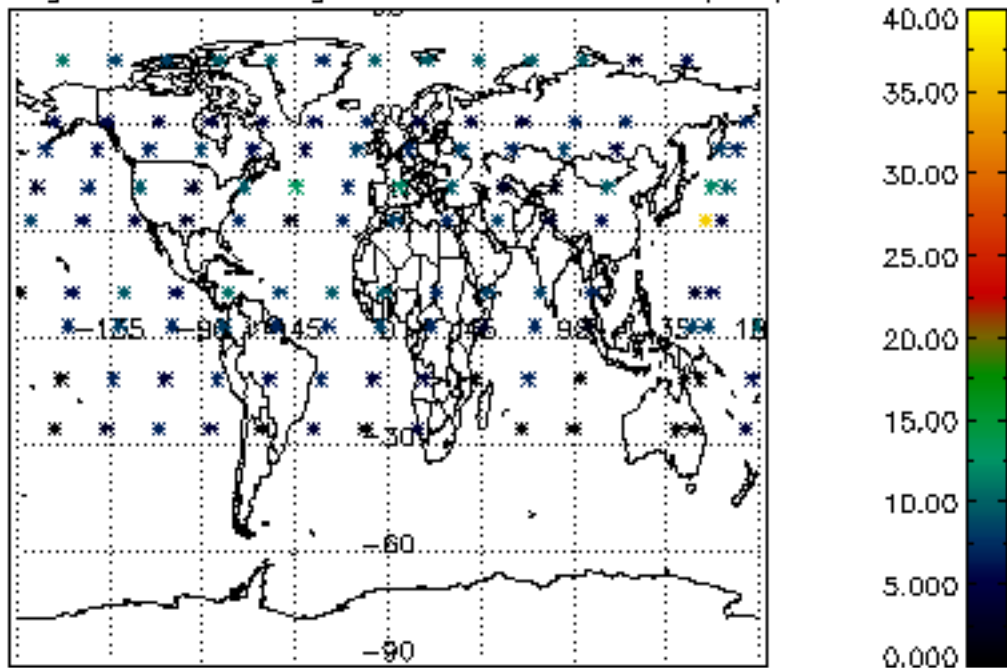
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

