

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 01:02:23
Data source version	GOMOS/6.01
Start time of products	03-07-2006 (03JUL2006 00:00:00)
Stop time of products	04-07-2006 (04JUL2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	303
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__2PRFIN20060703_000424_000000412049_00088_22687_9630.N1	03-JUL-2006 00:04:24	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	22687	No
2	GOM_NL__2PRFIN20060703_000806_000000422049_00088_22687_9631.N1	03-JUL-2006 00:08:06	Straylight	42.000	141	Bet Ara	2.8400	4600.0	84	22687	No
3	GOM_NL__2PRFIN20060703_000934_000000382049_00088_22687_9632.N1	03-JUL-2006 00:09:34	Twilight	37.500	147	Alp Ara	2.8770	26000.	75	22687	No
4	GOM_NL__2PRFIN20060703_001123_000000412049_00088_22687_9633.N1	03-JUL-2006 00:11:23	Twilight	41.000	40	The Sco	1.8590	7100.0	82	22687	No
5	GOM_NL__2PRFIN20060703_001302_000000402049_00088_22687_9634.N1	03-JUL-2006 00:13:02	Twilight	40.000	25	35Lam Sco	1.6200	28000.	80	22687	No
6	GOM_NL__2PRFIN20060703_001428_000000432049_00088_22687_9635.N1	03-JUL-2006 00:14:28	Bright	43.000	116	19Del Sgr	2.7000	4100.0	86	22687	No
7	GOM_NL__2PRFIN20060703_001913_000000372049_00088_22687_9636.N1	03-JUL-2006 00:19:13	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	22687	No
8	GOM_NL__2PRFIN20060703_002059_000000362049_00088_22687_9637.N1	03-JUL-2006 00:20:59	Bright	35.500	98	13Zet Oph	2.5710	30000.	71	22687	No
9	GOM_NL__2PRFIN20060703_002448_000000362049_00088_22687_9638.N1	03-JUL-2006 00:24:48	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	22687	No
10	GOM_NL__2PRFIN20060703_002707_000000362049_00088_22687_9639.N1	03-JUL-2006 00:27:07	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	22687	No
11	GOM_NL__2PRFIN20060703_002954_000000342049_00088_22687_9640.N1	03-JUL-2006 00:29:54	Bright	34.000	127	27Bet Her	2.7810	4700.0	68	22687	No
12	GOM_NL__2PRFIN20060703_003236_000000362049_00088_22687_9641.N1	03-JUL-2006 00:32:36	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	22687	No
13	GOM_NL__2PRFIN20060703_003831_000000352049_00088_22687_9642.N1	03-JUL-2006 00:38:31	Bright	34.500	130	23Bet Dra	2.7990	5800.0	69	22687	No
14	GOM_NL__2PRFIN20060703_004100_000000402049_00088_22687_9643.N1	03-JUL-2006 00:41:00	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	22687	No
15	GOM_NL__2PRFIN20060703_004501_000000362049_00088_22687_9644.N1	03-JUL-2006 00:45:01	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	22687	No
16	GOM_NL__2PRFIN20060703_004911_000000362049_00088_22687_9645.N1	03-JUL-2006 00:49:11	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22687	No
17	GOM_NL__2PRFIN20060703_010810_000000402049_00088_22687_9646.N1	03-JUL-2006 01:08:10	Twilight	39.500	146	25Eta Tau	2.8730	15200.	79	22687	No
18	GOM_NL__2PRFIN20060703_011834_000000432049_00088_22687_9647.N1	03-JUL-2006 01:18:34	Dark	42.500	165	34Gam Eri	2.9500	3200.0	85	22687	No
19	GOM_NL__2PRFIN20060703_013312_000000442049_00089_22688_9628.N1	03-JUL-2006 01:33:12	Dark	44.000	9	Alp Eri	0.45300	24000.	88	22688	No
20	GOM_NL__2PRFIN20060703_013744_000000382049_00089_22688_9629.N1	03-JUL-2006 01:37:44	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	22688	No
21	GOM_NL__2PRFIN20060703_014501_000000422049_00089_22688_9630.N1	03-JUL-2006 01:45:01	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	22688	No
22	GOM_NL__2PRFIN20060703_014842_000000392049_00089_22688_9631.N1	03-JUL-2006 01:48:42	Straylight	38.500	141	Bet Ara	2.8400	4600.0	77	22688	No
23	GOM_NL__2PRFIN20060703_015010_000000372049_00089_22688_9632.N1	03-JUL-2006 01:50:10	Twilight	37.000	147	Alp Ara	2.8770	26000.	74	22688	No
24	GOM_NL__2PRFIN20060703_015159_000000442049_00089_22688_9633.N1	03-JUL-2006 01:51:59	Twilight	43.500	40	The Sco	1.8590	7100.0	87	22688	No
25	GOM_NL__2PRFIN20060703_015338_000000412049_00089_22688_9634.N1	03-JUL-2006 01:53:38	Twilight	40.500	25	35Lam Sco	1.6200	28000.	81	22688	No
26	GOM_NL__2PRFIN20060703_015504_000000432049_00089_22688_9635.N1	03-JUL-2006 01:55:04	Bright	43.000	116	19Del Sgr	2.7000	4100.0	86	22688	No
27	GOM_NL__2PRFIN20060703_015949_000000372049_00089_22688_9636.N1	03-JUL-2006 01:59:49	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	22688	No
28	GOM_NL__2PRFIN20060703_020135_000000352049_00089_22688_9637.N1	03-JUL-2006 02:01:35	Bright	35.000	98	13Zet Oph	2.5710	30000.	70	22688	No
29	GOM_NL__2PRFIN20060703_020524_000000372049_00089_22688_9638.N1	03-JUL-2006 02:05:24	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	22688	No
30	GOM_NL__2PRFIN20060703_020743_000000372049_00089_22688_9639.N1	03-JUL-2006 02:07:43	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	22688	No
31	GOM_NL__2PRFIN20060703_021030_000000352049_00089_22688_9640.N1	03-JUL-2006 02:10:30	Bright	35.000	127	27Bet Her	2.7810	4700.0	70	22688	No
32	GOM_NL__2PRFIN20060703_021312_000000352049_00089_22688_9641.N1	03-JUL-2006 02:13:12	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	22688	No
33	GOM_NL__2PRFIN20060703_021907_000000342049_00089_22688_9642.N1	03-JUL-2006 02:19:07	Bright	33.500	130	23Bet Dra	2.7990	5800.0	67	22688	No
34	GOM_NL__2PRFIN20060703_022136_000000362049_00089_22688_9643.N1	03-JUL-2006 02:21:36	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22688	No
35	GOM_NL__2PRFIN20060703_022537_000000332049_00089_22688_9644.N1	03-JUL-2006 02:25:37	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	22688	No
36	GOM_NL__2PRFIN20060703_022947_000000362049_00089_22688_9645.N1	03-JUL-2006 02:29:47	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22688	No
37	GOM_NL__2PRFIN20060703_024846_000000402049_00089_22688_9646.N1	03-JUL-2006 02:48:46	Twilight	40.000	146	25Eta Tau	2.8730	15200.	80	22688	No
38	GOM_NL__2PRFIN20060703_025911_000000442049_00089_22688_9647.N1	03-JUL-2006 02:59:11	Dark	43.500	165	34Gam Eri	2.9500	3200.0	87	22688	No
39	GOM_NL__2PRFIN20060703_030739_000000382049_00089_22688_9648.N1	03-JUL-2006 03:07:39	Dark	38.000	157	The1Eri	2.9060	9300.0	76	22688	No
40	GOM_NL__2PRFIN20060703_031348_000000502049_00090_22689_9628.N1	03-JUL-2006 03:13:48	Dark	50.000	9	Alp Eri	0.45300	24000.	100	22689	No
41	GOM_NL__2PRFIN20060703_031820_000000372049_00090_22689_9629.N1	03-JUL-2006 03:18:20	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22689	No
42	GOM_NL__2PRFIN20060703_032537_000000422049_00090_22689_9630.N1	03-JUL-2006 03:25:37	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	22689	No

43	GOM_NL__2PRFIN20060703_032918_000000412049_00090_22689_9631.N1	03-JUL-2006 03:29:18	Straylight	41.000	141	Bet Ara	2.8400	4600.0	82	22689	No
44	GOM_NL__2PRFIN20060703_033046_000000372049_00090_22689_9632.N1	03-JUL-2006 03:30:46	Twi_and_stray	37.000	147	Alp Ara	2.8770	26000.	74	22689	No
45	GOM_NL__2PRFIN20060703_033235_000000422049_00090_22689_9633.N1	03-JUL-2006 03:32:35	Twi_and_stray	41.500	40	The Sco	1.8590	7100.0	83	22689	No
46	GOM_NL__2PRFIN20060703_033415_000000402049_00090_22689_9634.N1	03-JUL-2006 03:34:15	Twi_and_stray	39.500	25	35Lam Sco	1.6200	28000.	79	22689	No
47	GOM_NL__2PRFIN20060703_033540_000000442049_00090_22689_9635.N1	03-JUL-2006 03:35:40	Bright	44.000	116	19Del Sgr	2.7000	4100.0	88	22689	No
48	GOM_NL__2PRFIN20060703_034025_000000372049_00090_22689_9636.N1	03-JUL-2006 03:40:25	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	22689	No
49	GOM_NL__2PRFIN20060703_034211_000000362049_00090_22689_9637.N1	03-JUL-2006 03:42:11	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	22689	No
50	GOM_NL__2PRFIN20060703_034600_000000362049_00090_22689_9638.N1	03-JUL-2006 03:46:00	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	22689	No
51	GOM_NL__2PRFIN20060703_034819_000000362049_00090_22689_9639.N1	03-JUL-2006 03:48:19	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	22689	No
52	GOM_NL__2PRFIN20060703_035106_000000362049_00090_22689_9640.N1	03-JUL-2006 03:51:06	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	22689	No
53	GOM_NL__2PRFIN20060703_035348_000000382049_00090_22689_9641.N1	03-JUL-2006 03:53:48	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	22689	No
54	GOM_NL__2PRFIN20060703_035943_000000362049_00090_22689_9642.N1	03-JUL-2006 03:59:43	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	22689	No
55	GOM_NL__2PRFIN20060703_040212_000000352049_00090_22689_9643.N1	03-JUL-2006 04:02:12	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	22689	No
56	GOM_NL__2PRFIN20060703_040614_000000342049_00090_22689_9644.N1	03-JUL-2006 04:06:14	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	22689	No
57	GOM_NL__2PRFIN20060703_041023_000000362049_00090_22689_9645.N1	03-JUL-2006 04:10:23	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22689	No
58	GOM_NL__2PRFIN20060703_042922_000000412049_00090_22689_9646.N1	03-JUL-2006 04:29:22	Twilight	40.500	146	25Eta Tau	2.8730	15200.	81	22689	No
59	GOM_NL__2PRFIN20060703_043947_000000442049_00090_22689_9647.N1	03-JUL-2006 04:39:47	Dark	44.000	165	34Gam Eri	2.9500	3200.0	88	22689	No
60	GOM_NL__2PRFIN20060703_044816_000000412049_00090_22689_9648.N1	03-JUL-2006 04:48:16	Dark	40.500	157	The1Eri	2.9060	9300.0	81	22689	No
61	GOM_NL__2PRFIN20060703_045425_000000442049_00091_22690_9628.N1	03-JUL-2006 04:54:25	Dark	44.000	9	Alp Eri	0.45300	24000.	88	22690	No
62	GOM_NL__2PRFIN20060703_045857_000000362049_00091_22690_9629.N1	03-JUL-2006 04:58:57	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	22690	No
63	GOM_NL__2PRFIN20060703_050614_000000422049_00091_22690_9630.N1	03-JUL-2006 05:06:14	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	22690	No
64	GOM_NL__2PRFIN20060703_050954_000000402049_00091_22690_9631.N1	03-JUL-2006 05:09:54	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	22690	No
65	GOM_NL__2PRFIN20060703_051123_000000372049_00091_22690_9632.N1	03-JUL-2006 05:11:23	Twi_and_stray	36.500	147	Alp Ara	2.8770	26000.	73	22690	No
66	GOM_NL__2PRFIN20060703_051311_000000412049_00091_22690_9633.N1	03-JUL-2006 05:13:11	Twi_and_stray	41.000	40	The Sco	1.8590	7100.0	82	22690	No
67	GOM_NL__2PRFIN20060703_051451_000000402049_00091_22690_9634.N1	03-JUL-2006 05:14:51	Twi_and_stray	39.500	25	35Lam Sco	1.6200	28000.	79	22690	No
68	GOM_NL__2PRFIN20060703_051616_000000452049_00091_22690_9635.N1	03-JUL-2006 05:16:16	Bright	44.500	116	19Del Sgr	2.7000	4100.0	89	22690	No
69	GOM_NL__2PRFIN20060703_052101_000000362049_00091_22690_9636.N1	03-JUL-2006 05:21:01	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	22690	No
70	GOM_NL__2PRFIN20060703_052248_000000362049_00091_22690_9637.N1	03-JUL-2006 05:22:48	Bright	35.500	98	13Zet Oph	2.5710	30000.	71	22690	No
71	GOM_NL__2PRFIN20060703_052636_000000372049_00091_22690_9638.N1	03-JUL-2006 05:26:36	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	22690	No
72	GOM_NL__2PRFIN20060703_052855_000000362049_00091_22690_9639.N1	03-JUL-2006 05:28:55	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	22690	No
73	GOM_NL__2PRFIN20060703_053142_000000362049_00091_22690_9640.N1	03-JUL-2006 05:31:42	Bright	35.500	127	27Bet Her	2.7810	4700.0	71	22690	No
74	GOM_NL__2PRFIN20060703_053425_000000372049_00091_22690_9641.N1	03-JUL-2006 05:34:25	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	22690	No
75	GOM_NL__2PRFIN20060703_054019_000000372049_00091_22690_9642.N1	03-JUL-2006 05:40:19	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	22690	No
76	GOM_NL__2PRFIN20060703_054248_000000362049_00091_22690_9643.N1	03-JUL-2006 05:42:48	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22690	No
77	GOM_NL__2PRFIN20060703_054650_000000362049_00091_22690_9644.N1	03-JUL-2006 05:46:50	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	22690	No
78	GOM_NL__2PRFIN20060703_055059_000000342049_00091_22690_9645.N1	03-JUL-2006 05:50:59	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	22690	No
79	GOM_NL__2PRFIN20060703_060959_000000412049_00091_22690_9646.N1	03-JUL-2006 06:09:59	Twilight	41.000	146	25Eta Tau	2.8730	15200.	82	22690	No
80	GOM_NL__2PRFIN20060703_062023_000000452049_00091_22690_9647.N1	03-JUL-2006 06:20:23	Dark	44.500	165	34Gam Eri	2.9500	3200.0	89	22690	No
81	GOM_NL__2PRFIN20060703_062852_000000412049_00091_22690_9648.N1	03-JUL-2006 06:28:52	Dark	41.000	157	The1Eri	2.9060	9300.0	82	22690	No
82	GOM_NL__2PRFIN20060703_063501_000000422049_00092_22691_9628.N1	03-JUL-2006 06:35:01	Dark	41.500	9	Alp Eri	0.45300	24000.	83	22691	No
83	GOM_NL__2PRFIN20060703_063933_000000382049_00092_22691_9629.N1	03-JUL-2006 06:39:33	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	22691	No
84	GOM_NL__2PRFIN20060703_064650_000000412049_00092_22691_9630.N1	03-JUL-2006 06:46:50	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	22691	No
85	GOM_NL__2PRFIN20060703_065030_000000412049_00092_22691_9631.N1	03-JUL-2006 06:50:30	Straylight	41.000	141	Bet Ara	2.8400	4600.0	82	22691	No
86	GOM_NL__2PRFIN20060703_065159_000000372049_00092_22691_9632.N1	03-JUL-2006 06:51:59	Twi_and_stray	37.000	147	Alp Ara	2.8770	26000.	74	22691	No
87	GOM_NL__2PRFIN20060703_065347_000000432049_00092_22691_9633.N1	03-JUL-2006 06:53:47	Twi_and_stray	43.000	40	The Sco	1.8590	7100.0	86	22691	No
88	GOM_NL__2PRFIN20060703_065527_000000412049_00092_22691_9634.N1	03-JUL-2006 06:55:27	Twi_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	22691	No
89	GOM_NL__2PRFIN20060703_065652_000000482049_00092_22691_9635.N1	03-JUL-2006 06:56:52	Bright	47.500	116	19Del Sgr	2.7000	4100.0	95	22691	No
90	GOM_NL__2PRFIN20060703_070137_000000352049_00092_22691_9636.N1	03-JUL-2006 07:01:37	Bright	35.000	86	35Eta Oph	2.4300	10200.	70	22691	No
91	GOM_NL__2PRFIN20060703_070324_000000362049_00092_22691_9637.N1	03-JUL-2006 07:03:24	Bright	35.500	98	13Zet Oph	2.5710	30000.	71	22691	No
92	GOM_NL__2PRFIN20060703_070712_000000372049_00092_22691_9638.N1	03-JUL-2006 07:07:12	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	22691	No
93	GOM_NL__2PRFIN20060703_070931_000000382049_00092_22691_9639.N1	03-JUL-2006 07:09:31	Bright	38.000	59	55Alp Oph	2.0800	8900.0	76	22691	No
94	GOM_NL__2PRFIN20060703_071219_000000362049_00092_22691_9640.N1	03-JUL-2006 07:12:19	Bright	35.500	127	27Bet Her	2.7810	4700.0	71	22691	No
95	GOM_NL__2PRFIN20060703_071501_000000352049_00092_22691_9641.N1	03-JUL-2006 07:15:01	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	22691	No
96	GOM_NL__2PRFIN20060703_072055_000000372049_00092_22691_9642.N1	03-JUL-2006 07:20:55	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	22691	No
97	GOM_NL__2PRFIN20060703_072324_000000362049_00092_22691_9643.N1	03-JUL-2006 07:23:24	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22691	No
98	GOM_NL__2PRFIN20060703_072726_000000362049_00092_22691_9644.N1	03-JUL-2006 07:27:26	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	22691	No
99	GOM_NL__2PRFIN20060703_073135_000000362049_00092_22691_9645.N1	03-JUL-2006 07:31:35	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	22691	No
100	GOM_NL__2PRFIN20060703_075035_000000422049_00092_22691_9646.N1	03-JUL-2006 07:50:35	Twilight	42.000	146	25Eta Tau	2.8730	15200.	84	22691	No
101	GOM_NL__2PRFIN20060703_080100_000000442049_00092_22691_9647.N1	03-JUL-2006 08:01:00	Dark	44.000	165	34Gam Eri	2.9500	3200.0	88	22691	No

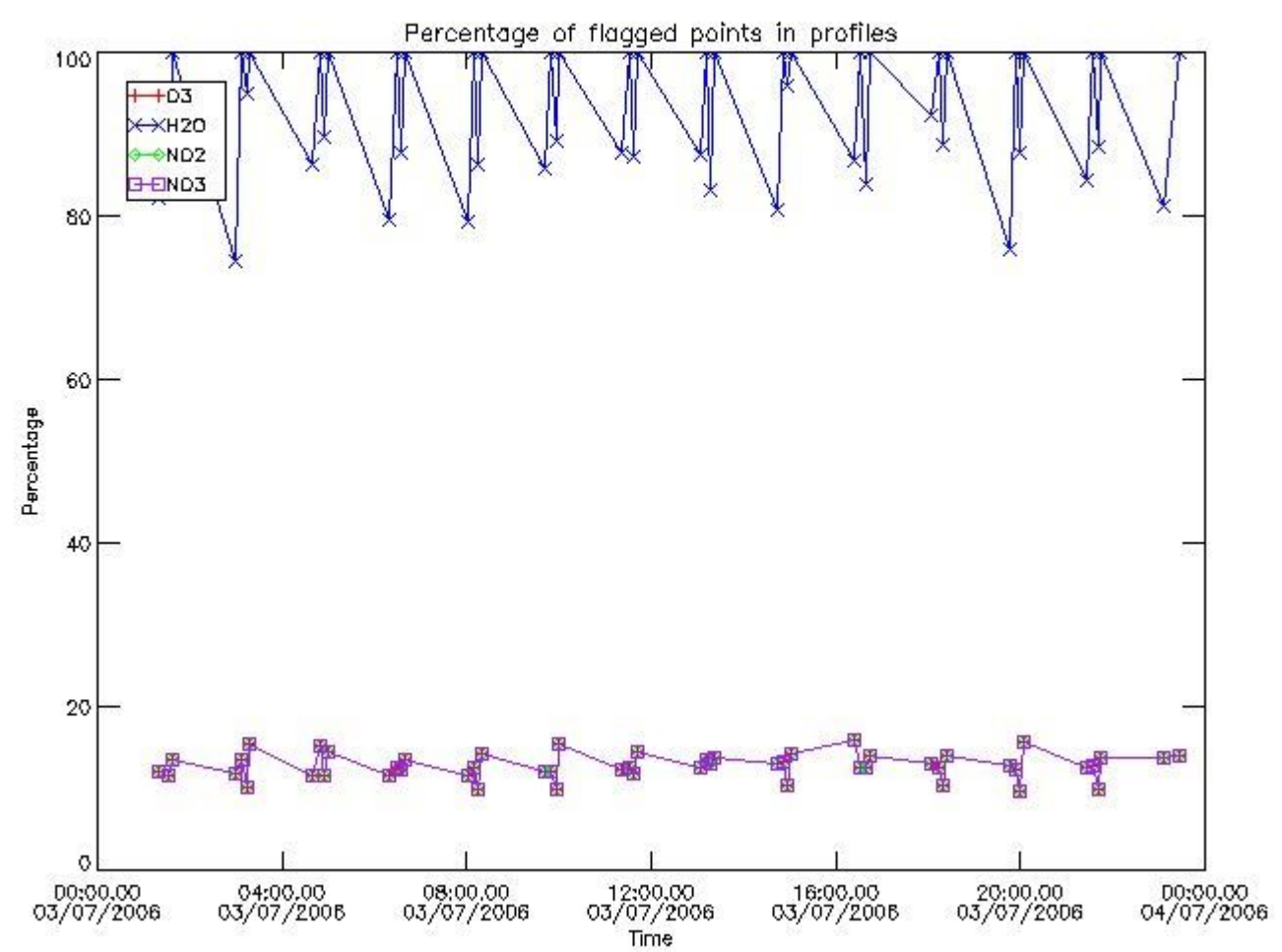
102	GOM_NL__2PRFIN20060703_080929_000000412049_00092_22691_9648.N1	03-JUL-2006 08:09:29	Dark	41.000	157	The1Eri	2.9060	9300.0	82	22691	No
103	GOM_NL__2PRFIN20060703_081538_000000512049_00093_22692_9628.N1	03-JUL-2006 08:15:38	Dark	51.000	9	Alp Eri	0.45300	24000.	102	22692	No
104	GOM_NL__2PRFIN20060703_082009_000000362049_00093_22692_9629.N1	03-JUL-2006 08:20:09	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	22692	No
105	GOM_NL__2PRFIN20060703_082726_000000402049_00093_22692_9630.N1	03-JUL-2006 08:27:26	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	22692	No
106	GOM_NL__2PRFIN20060703_083107_000000402049_00093_22692_9631.N1	03-JUL-2006 08:31:07	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	22692	No
107	GOM_NL__2PRFIN20060703_083235_000000382049_00093_22692_9632.N1	03-JUL-2006 08:32:35	Twi_and_stray	38.000	147	Alp Ara	2.8770	26000.	76	22692	No
108	GOM_NL__2PRFIN20060703_083423_000000412049_00093_22692_9633.N1	03-JUL-2006 08:34:23	Twi_and_stray	41.000	40	The Sco	1.8590	7100.0	82	22692	No
109	GOM_NL__2PRFIN20060703_083603_000000402049_00093_22692_9634.N1	03-JUL-2006 08:36:03	Twi_and_stray	39.500	25	35Lam Sco	1.6200	28000.	79	22692	No
110	GOM_NL__2PRFIN20060703_083729_000000542049_00093_22692_9635.N1	03-JUL-2006 08:37:29	Bright	54.000	116	19Del Sgr	2.7000	4100.0	108	22692	No
111	GOM_NL__2PRFIN20060703_084214_000000352049_00093_22692_9636.N1	03-JUL-2006 08:42:14	Bright	35.000	86	35Eta Oph	2.4300	10200.	70	22692	No
112	GOM_NL__2PRFIN20060703_084400_000000352049_00093_22692_9637.N1	03-JUL-2006 08:44:00	Bright	34.500	98	13Zet Oph	2.5710	30000.	69	22692	No
113	GOM_NL__2PRFIN20060703_084748_000000362049_00093_22692_9638.N1	03-JUL-2006 08:47:48	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	22692	No
114	GOM_NL__2PRFIN20060703_085007_000000352049_00093_22692_9639.N1	03-JUL-2006 08:50:07	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	22692	No
115	GOM_NL__2PRFIN20060703_085255_000000372049_00093_22692_9640.N1	03-JUL-2006 08:52:55	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	22692	No
116	GOM_NL__2PRFIN20060703_085537_000000372049_00093_22692_9641.N1	03-JUL-2006 08:55:37	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	22692	No
117	GOM_NL__2PRFIN20060703_090131_000000382049_00093_22692_9642.N1	03-JUL-2006 09:01:31	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	22692	No
118	GOM_NL__2PRFIN20060703_090400_000000362049_00093_22692_9643.N1	03-JUL-2006 09:04:00	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22692	No
119	GOM_NL__2PRFIN20060703_090802_000000372049_00093_22692_9644.N1	03-JUL-2006 09:08:02	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	22692	No
120	GOM_NL__2PRFIN20060703_091211_000000362049_00093_22692_9645.N1	03-JUL-2006 09:12:11	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	22692	No
121	GOM_NL__2PRFIN20060703_093111_000000422049_00093_22692_9646.N1	03-JUL-2006 09:31:11	Twilight	42.000	146	25Eta Tau	2.8730	15200.	84	22692	No
122	GOM_NL__2PRFIN20060703_094136_000000432049_00093_22692_9647.N1	03-JUL-2006 09:41:36	Dark	42.500	165	34Gam Eri	2.9500	3200.0	85	22692	No
123	GOM_NL__2PRFIN20060703_095005_000000432049_00093_22692_9648.N1	03-JUL-2006 09:50:05	Dark	42.500	157	The1Eri	2.9060	9300.0	85	22692	No
124	GOM_NL__2PRFIN20060703_095614_000000512049_00094_22693_9628.N1	03-JUL-2006 09:56:14	Dark	51.000	9	Alp Eri	0.45300	24000.	102	22693	No
125	GOM_NL__2PRFIN20060703_100045_000000372049_00094_22693_9629.N1	03-JUL-2006 10:00:45	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22693	No
126	GOM_NL__2PRFIN20060703_100803_000000432049_00094_22693_9630.N1	03-JUL-2006 10:08:03	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	22693	No
127	GOM_NL__2PRFIN20060703_101143_000000382049_00094_22693_9631.N1	03-JUL-2006 10:11:43	Straylight	38.000	141	Bet Ara	2.8400	4600.0	76	22693	No
128	GOM_NL__2PRFIN20060703_101311_000000392049_00094_22693_9632.N1	03-JUL-2006 10:13:11	Twi_and_stray	38.500	147	Alp Ara	2.8770	26000.	77	22693	No
129	GOM_NL__2PRFIN20060703_101500_000000412049_00094_22693_9633.N1	03-JUL-2006 10:15:00	Twi_and_stray	41.000	40	The Sco	1.8590	7100.0	82	22693	No
130	GOM_NL__2PRFIN20060703_101639_000000392049_00094_22693_9634.N1	03-JUL-2006 10:16:39	Twi_and_stray	39.000	25	35Lam Sco	1.6200	28000.	78	22693	No
131	GOM_NL__2PRFIN20060703_101805_000000532049_00094_22693_9635.N1	03-JUL-2006 10:18:05	Bright	52.500	116	19Del Sgr	2.7000	4100.0	105	22693	No
132	GOM_NL__2PRFIN20060703_102250_000000372049_00094_22693_9636.N1	03-JUL-2006 10:22:50	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	22693	No
133	GOM_NL__2PRFIN20060703_102436_000000362049_00094_22693_9637.N1	03-JUL-2006 10:24:36	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	22693	No
134	GOM_NL__2PRFIN20060703_102824_000000362049_00094_22693_9638.N1	03-JUL-2006 10:28:24	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	22693	No
135	GOM_NL__2PRFIN20060703_103043_000000362049_00094_22693_9639.N1	03-JUL-2006 10:30:43	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	22693	No
136	GOM_NL__2PRFIN20060703_103331_000000342049_00094_22693_9640.N1	03-JUL-2006 10:33:31	Bright	34.000	127	27Bet Her	2.7810	4700.0	68	22693	No
137	GOM_NL__2PRFIN20060703_103613_000000362049_00094_22693_9641.N1	03-JUL-2006 10:36:13	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	22693	No
138	GOM_NL__2PRFIN20060703_104206_000000372049_00094_22693_9642.N1	03-JUL-2006 10:42:06	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	22693	No
139	GOM_NL__2PRFIN20060703_104436_000000362049_00094_22693_9643.N1	03-JUL-2006 10:44:36	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22693	No
140	GOM_NL__2PRFIN20060703_104838_000000352049_00094_22693_9644.N1	03-JUL-2006 10:48:38	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	22693	No
141	GOM_NL__2PRFIN20060703_105247_000000362049_00094_22693_9645.N1	03-JUL-2006 10:52:47	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	22693	No
142	GOM_NL__2PRFIN20060703_111147_000000402049_00094_22693_9646.N1	03-JUL-2006 11:11:47	Twilight	40.000	146	25Eta Tau	2.8730	15200.	80	22693	No
143	GOM_NL__2PRFIN20060703_112212_000000422049_00094_22693_9647.N1	03-JUL-2006 11:22:12	Dark	41.500	165	34Gam Eri	2.9500	3200.0	83	22693	No
144	GOM_NL__2PRFIN20060703_113041_000000412049_00094_22693_9648.N1	03-JUL-2006 11:30:41	Dark	41.000	157	The1Eri	2.9060	9300.0	82	22693	No
145	GOM_NL__2PRFIN20060703_113651_000000482049_00095_22694_9628.N1	03-JUL-2006 11:36:51	Dark	47.500	9	Alp Eri	0.45300	24000.	95	22694	No
146	GOM_NL__2PRFIN20060703_114121_000000362049_00095_22694_9629.N1	03-JUL-2006 11:41:21	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	22694	No
147	GOM_NL__2PRFIN20060703_114839_000000402049_00095_22694_9630.N1	03-JUL-2006 11:48:39	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	22694	No
148	GOM_NL__2PRFIN20060703_115219_000000382049_00095_22694_9631.N1	03-JUL-2006 11:52:19	Straylight	38.000	141	Bet Ara	2.8400	4600.0	76	22694	No
149	GOM_NL__2PRFIN20060703_115347_000000372049_00095_22694_9632.N1	03-JUL-2006 11:53:47	Twi_and_stray	37.000	147	Alp Ara	2.8770	26000.	74	22694	No
150	GOM_NL__2PRFIN20060703_115536_000000402049_00095_22694_9633.N1	03-JUL-2006 11:55:36	Twi_and_stray	39.500	40	The Sco	1.8590	7100.0	79	22694	No
151	GOM_NL__2PRFIN20060703_115715_000000412049_00095_22694_9634.N1	03-JUL-2006 11:57:15	Twi_and_stray	40.500	25	35Lam Sco	1.6200	28000.	81	22694	No
152	GOM_NL__2PRFIN20060703_115841_000000482049_00095_22694_9635.N1	03-JUL-2006 11:58:41	Bright	48.000	116	19Del Sgr	2.7000	4100.0	96	22694	No
153	GOM_NL__2PRFIN20060703_120326_000000362049_00095_22694_9636.N1	03-JUL-2006 12:03:26	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	22694	No
154	GOM_NL__2PRFIN20060703_120512_000000362049_00095_22694_9637.N1	03-JUL-2006 12:05:12	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	22694	No
155	GOM_NL__2PRFIN20060703_120900_000000362049_00095_22694_9638.N1	03-JUL-2006 12:09:00	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	22694	No
156	GOM_NL__2PRFIN20060703_121119_000000362049_00095_22694_9639.N1	03-JUL-2006 12:11:19	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	22694	No
157	GOM_NL__2PRFIN20060703_121407_000000372049_00095_22694_9640.N1	03-JUL-2006 12:14:07	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	22694	No
158	GOM_NL__2PRFIN20060703_121649_000000342049_00095_22694_9641.N1	03-JUL-2006 12:16:49	Bright	33.500	133	40Zet Her	2.8070	6000.0	67	22694	No
159	GOM_NL__2PRFIN20060703_122242_000000382049_00095_22694_9642.N1	03-JUL-2006 12:22:42	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	22694	No
160	GOM_NL__2PRFIN20060703_122512_000000352049_00095_22694_9643.N1	03-JUL-2006 12:25:12	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	22694	No

279	GOM_NL__2PRFIN20060703_220702_000000372049_00101_22700_9656.N1	03-JUL-2006 22:07:02	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	22700	No
280	GOM_NL__2PRFIN20060703_220849_000000362049_00101_22700_9657.N1	03-JUL-2006 22:08:49	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	22700	No
281	GOM_NL__2PRFIN20060703_221235_000000362049_00101_22700_9658.N1	03-JUL-2006 22:12:35	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	22700	No
282	GOM_NL__2PRFIN20060703_221454_000000362049_00101_22700_9659.N1	03-JUL-2006 22:14:54	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	22700	No
283	GOM_NL__2PRFIN20060703_221743_000000362049_00101_22700_9660.N1	03-JUL-2006 22:17:43	Bright	35.500	127	27Bet Her	2.7810	4700.0	71	22700	No
284	GOM_NL__2PRFIN20060703_222025_000000362049_00101_22700_9661.N1	03-JUL-2006 22:20:25	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	22700	No
285	GOM_NL__2PRFIN20060703_222617_000000362049_00101_22700_9662.N1	03-JUL-2006 22:26:17	Bright	36.000	130	23Bet Dra	2.7990	5800.0	72	22700	No
286	GOM_NL__2PRFIN20060703_222848_000000372049_00101_22700_9663.N1	03-JUL-2006 22:28:48	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	22700	No
287	GOM_NL__2PRFIN20060703_223251_000000362049_00101_22700_9664.N1	03-JUL-2006 22:32:51	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	22700	No
288	GOM_NL__2PRFIN20060703_223658_000000362049_00101_22700_9665.N1	03-JUL-2006 22:36:58	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	22700	No
289	GOM_NL__2PRFIN20060703_225115_000000352049_00101_22700_9666.N1	03-JUL-2006 22:51:15	Bright	35.000	149	45Eps Per	2.8880	30000.	70	22700	No
290	GOM_NL__2PRFIN20060703_225600_000000412049_00101_22700_9667.N1	03-JUL-2006 22:56:00	Twilight	40.500	146	25Eta Tau	2.8730	15200.	81	22700	No
291	GOM_NL__2PRFIN20060703_230626_000000402049_00101_22700_9668.N1	03-JUL-2006 23:06:26	Dark	40.000	165	34Gam Eri	2.9500	3200.0	80	22700	No
292	GOM_NL__2PRFIN20060703_232534_000000372049_00102_22701_9648.N1	03-JUL-2006 23:25:34	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22701	No
293	GOM_NL__2PRFIN20060703_233254_000000412049_00102_22701_9649.N1	03-JUL-2006 23:32:54	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	22701	No
294	GOM_NL__2PRFIN20060703_233631_000000402049_00102_22701_9650.N1	03-JUL-2006 23:36:31	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	22701	No
295	GOM_NL__2PRFIN20060703_233800_000000382049_00102_22701_9651.N1	03-JUL-2006 23:38:00	Tw_i_and_stray	38.000	147	Alp Ara	2.8770	26000.	76	22701	No
296	GOM_NL__2PRFIN20060703_233949_000000442049_00102_22701_9652.N1	03-JUL-2006 23:39:49	Tw_i_and_stray	43.500	40	The Sco	1.8590	7100.0	87	22701	No
297	GOM_NL__2PRFIN20060703_234128_000000412049_00102_22701_9653.N1	03-JUL-2006 23:41:28	Tw_i_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	22701	No
298	GOM_NL__2PRFIN20060703_234254_000000452049_00102_22701_9654.N1	03-JUL-2006 23:42:54	Bright	44.500	116	19Del Sgr	2.7000	4100.0	89	22701	No
299	GOM_NL__2PRFIN20060703_234738_000000362049_00102_22701_9655.N1	03-JUL-2006 23:47:38	Bright	35.500	86	35Eta Oph	2.4300	10200.	71	22701	No
300	GOM_NL__2PRFIN20060703_234925_000000362049_00102_22701_9656.N1	03-JUL-2006 23:49:25	Bright	35.500	98	13Zet Oph	2.5710	30000.	71	22701	No
301	GOM_NL__2PRFIN20060703_235311_000000362049_00102_22701_9657.N1	03-JUL-2006 23:53:11	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	22701	No
302	GOM_NL__2PRFIN20060703_235530_000000362049_00102_22701_9658.N1	03-JUL-2006 23:55:30	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	22701	No
303	GOM_NL__2PRFIN20060703_235820_000000382049_00102_22701_9659.N1	03-JUL-2006 23:58:20	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	22701	No

3. Quality information per product

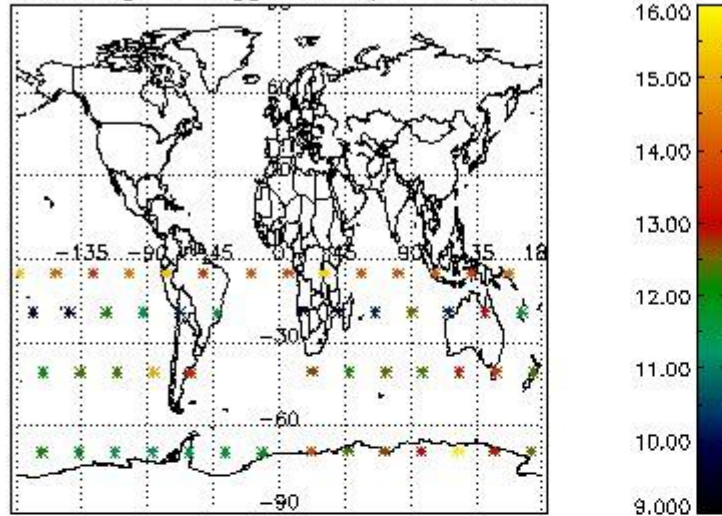
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

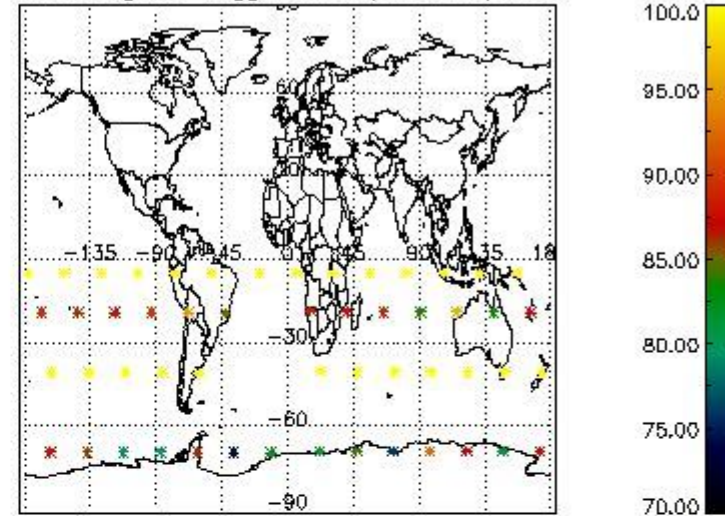


3.2 Plot quality information per product (world map)

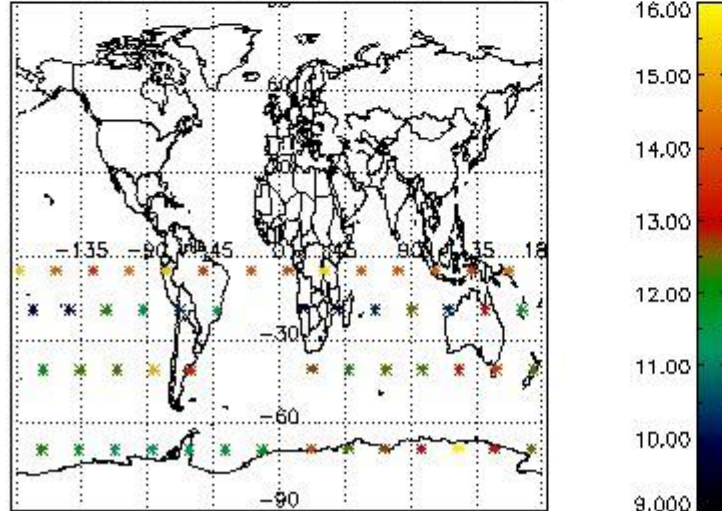
Percentage of flagged data per O3 profile



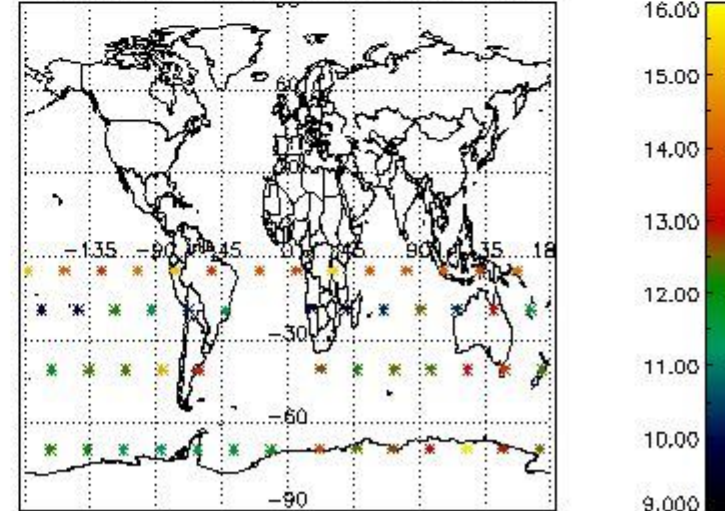
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

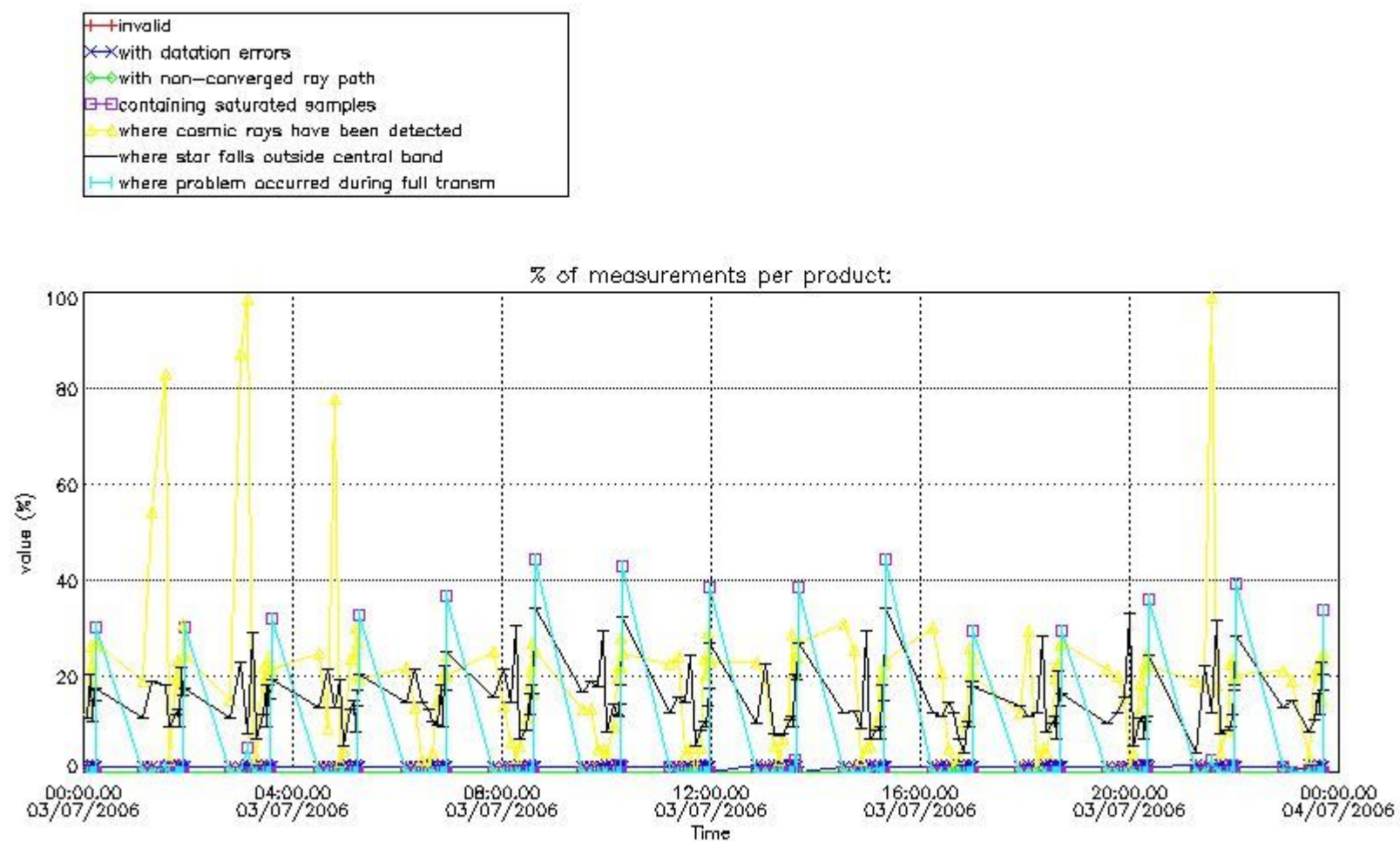


4. Level 1 quality information per product

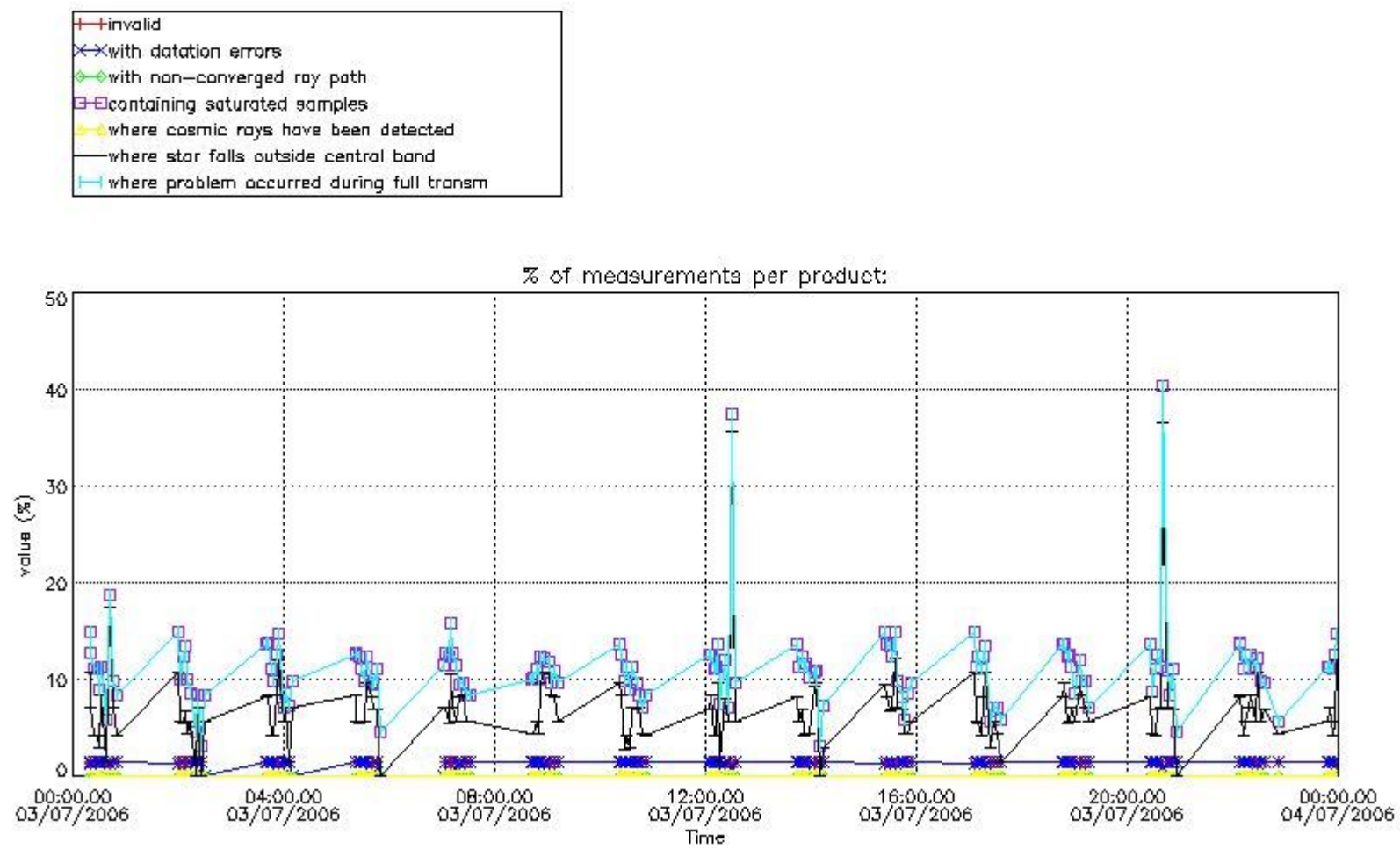
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



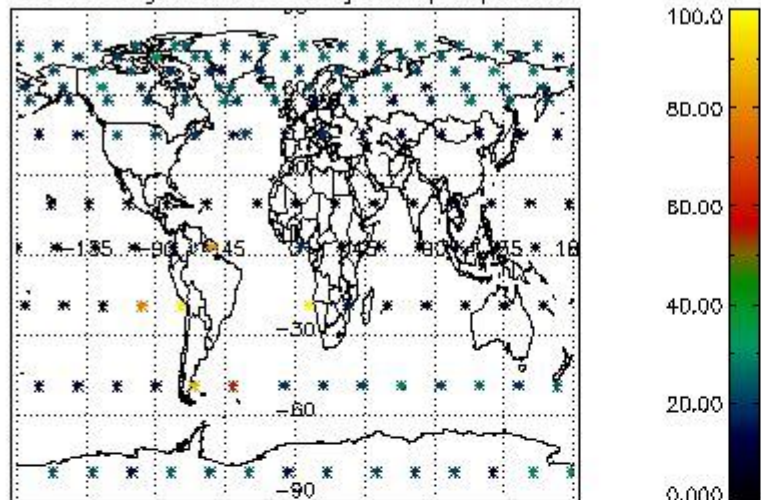
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



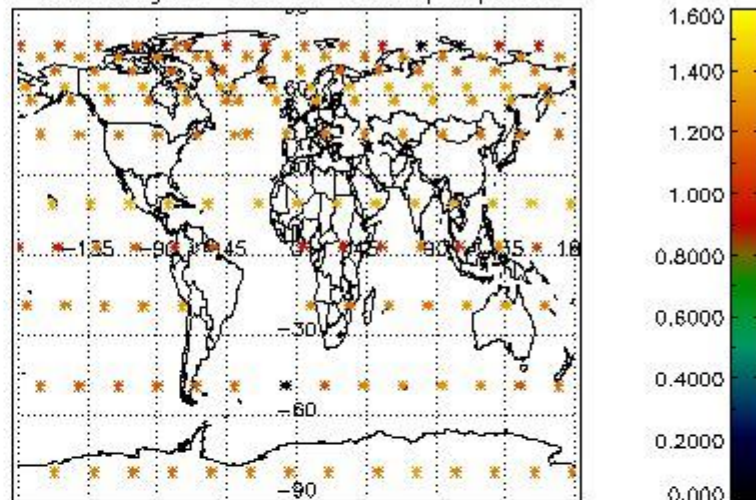
4.2 Plot quality information per product coming from level 1b processing (world map)

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

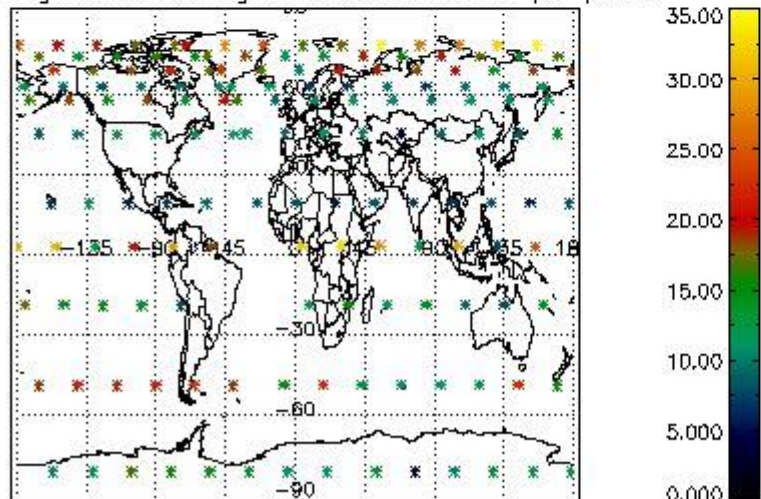
Percentage of cosmic ray hits per profile



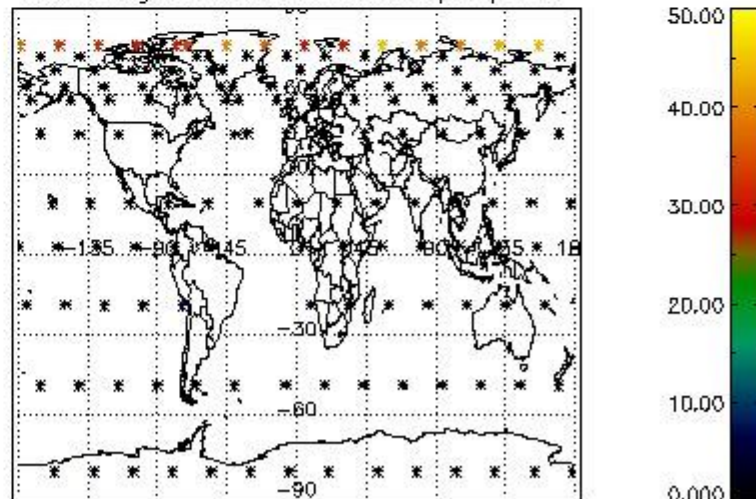
Percentage of datation errors per profile



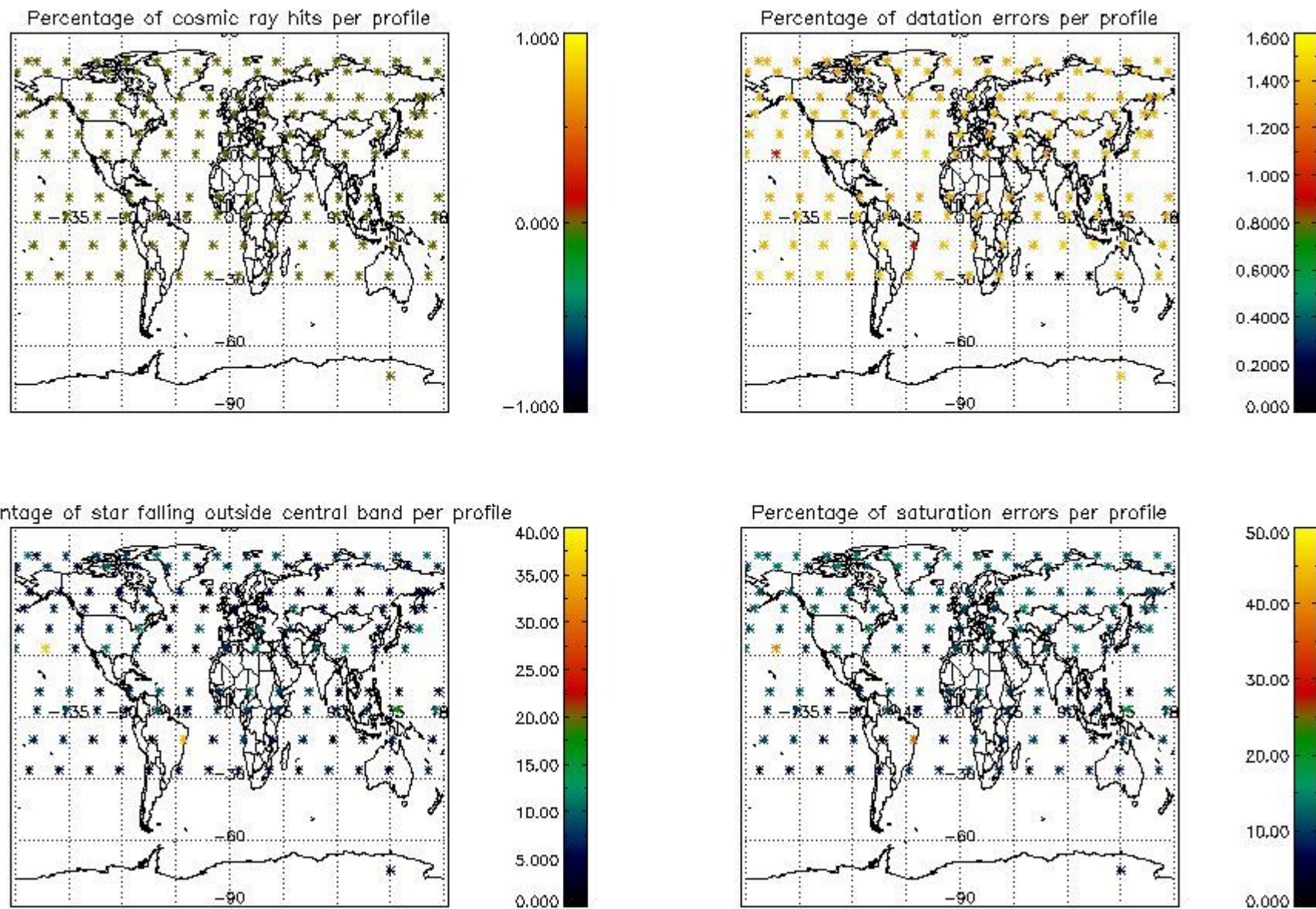
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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

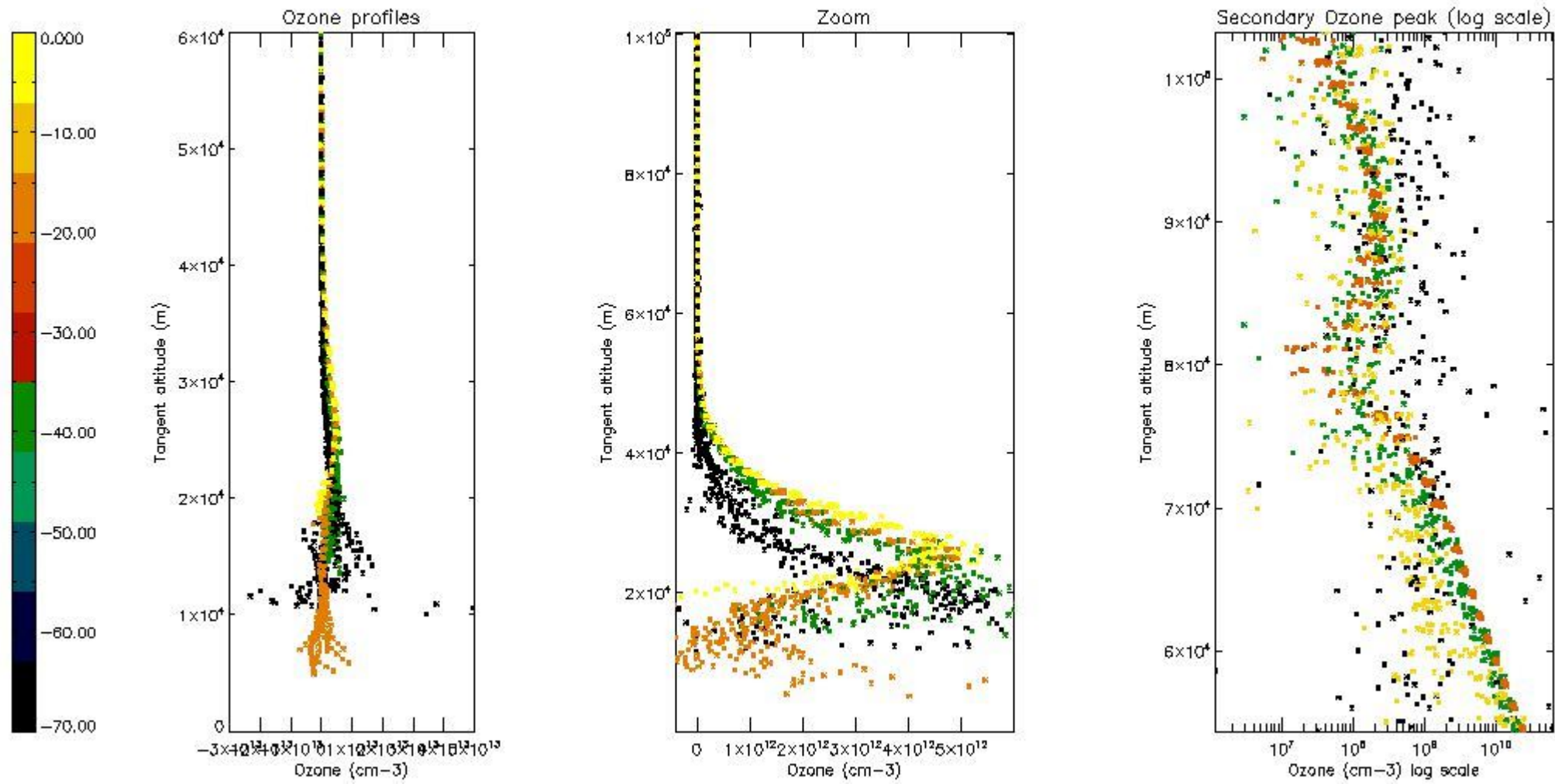
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

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

STD < 10	6
STD < 5	3

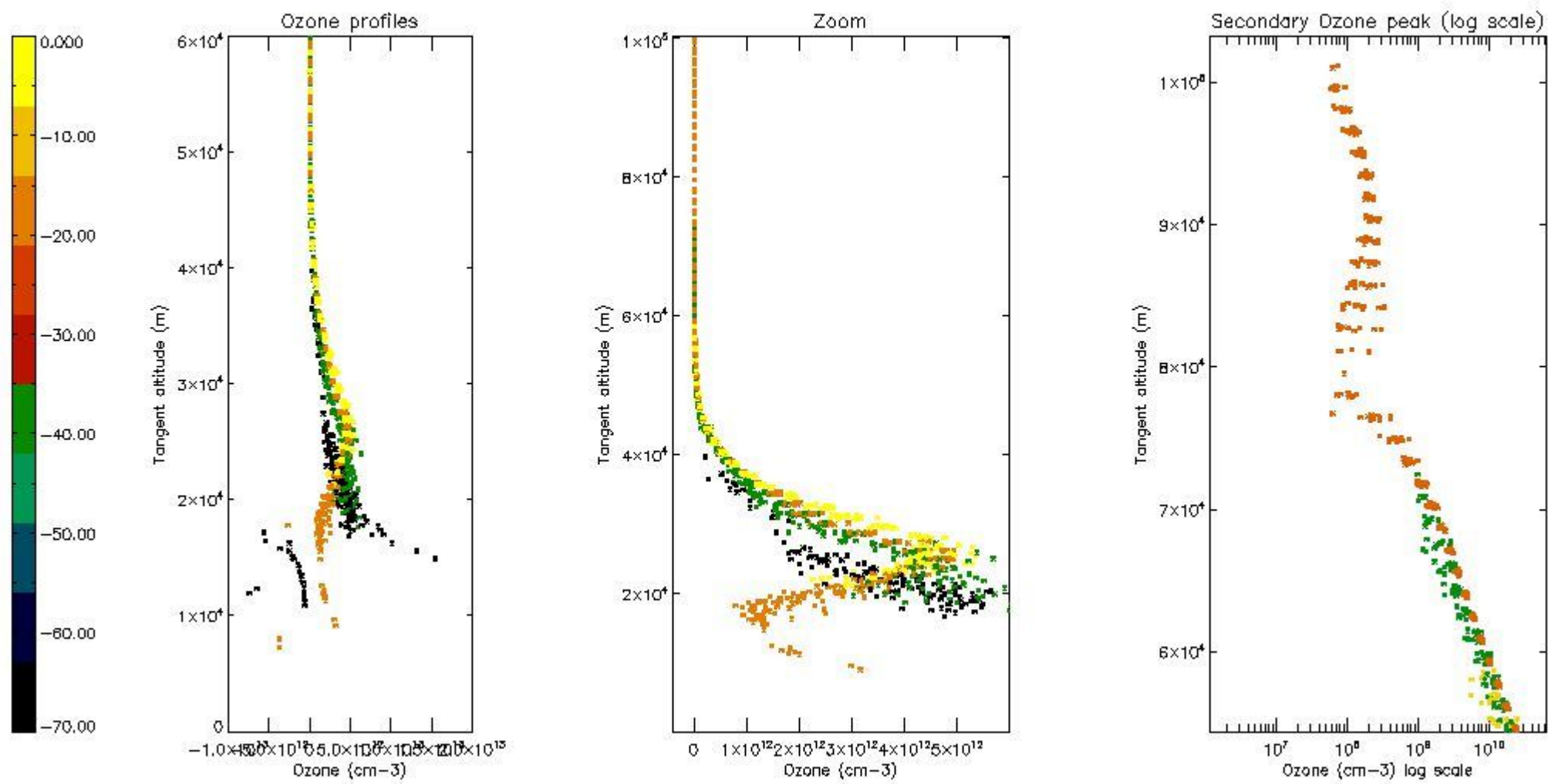
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



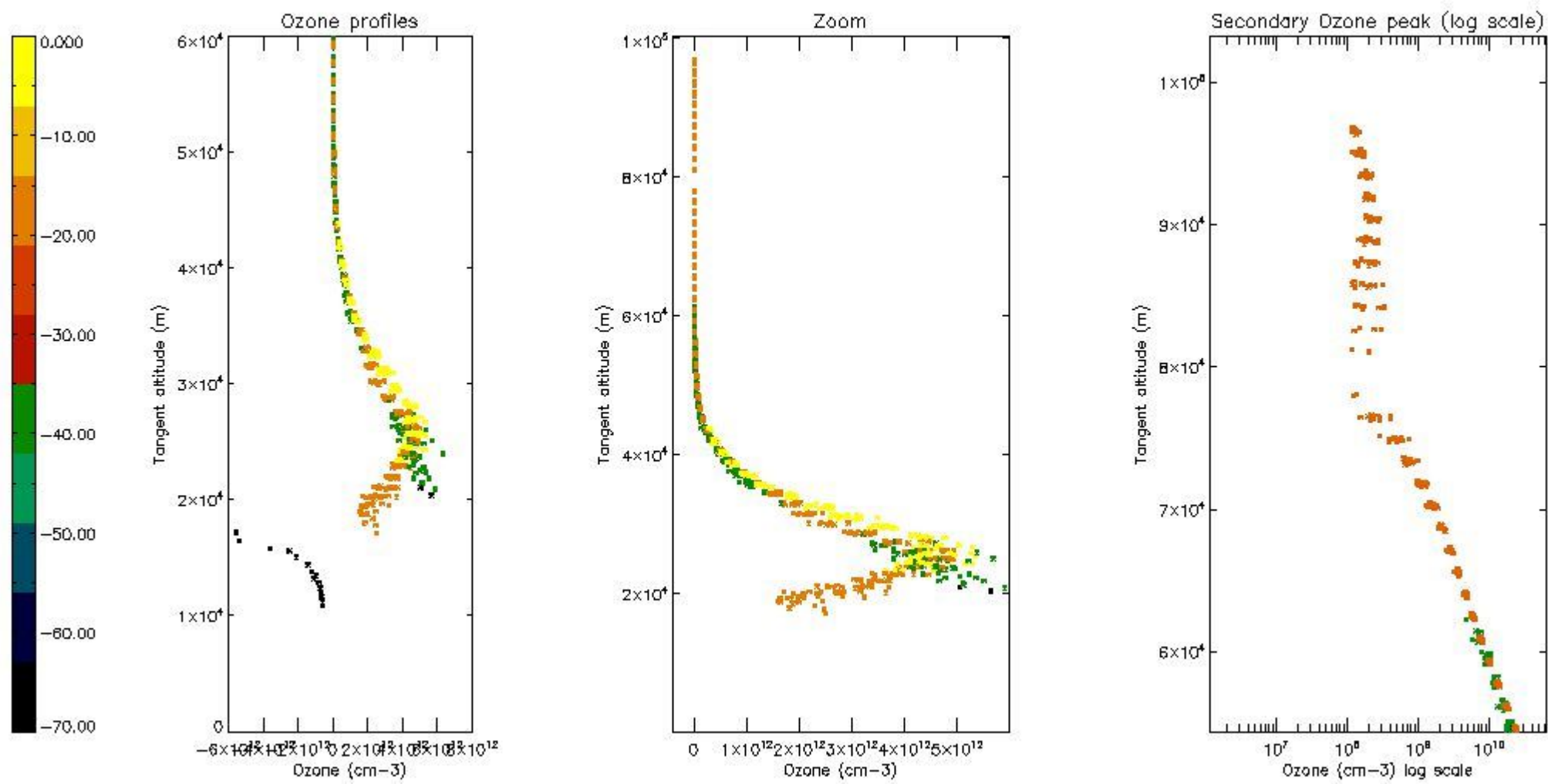
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



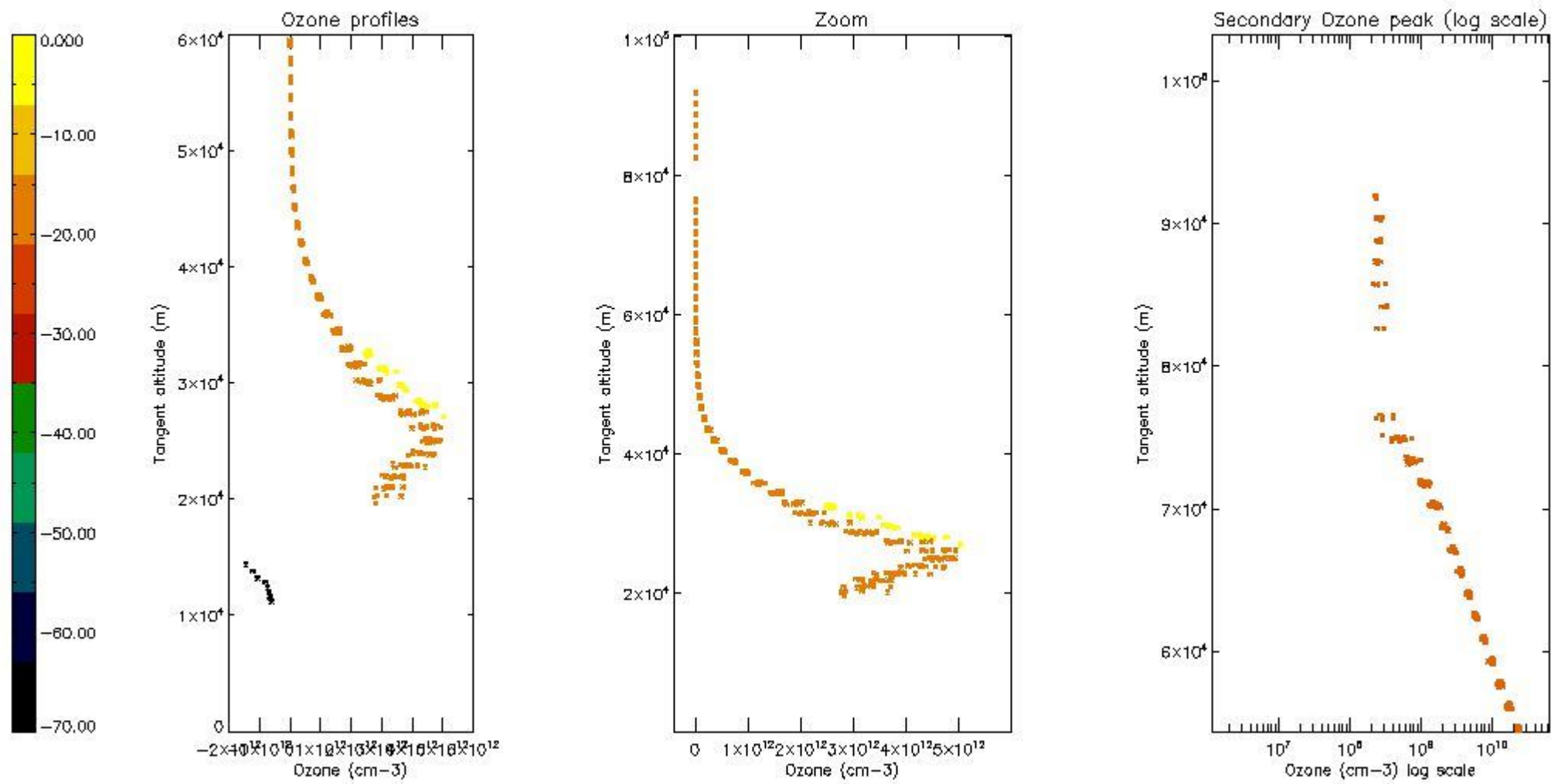
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



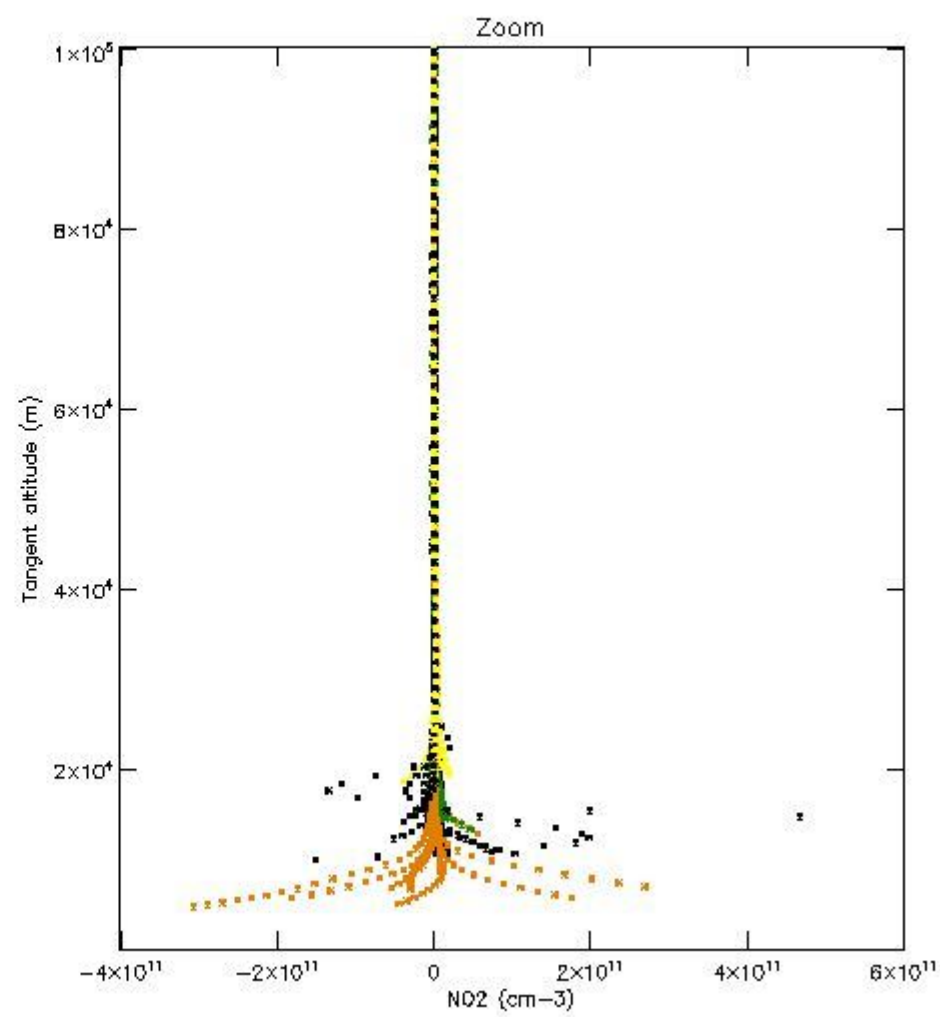
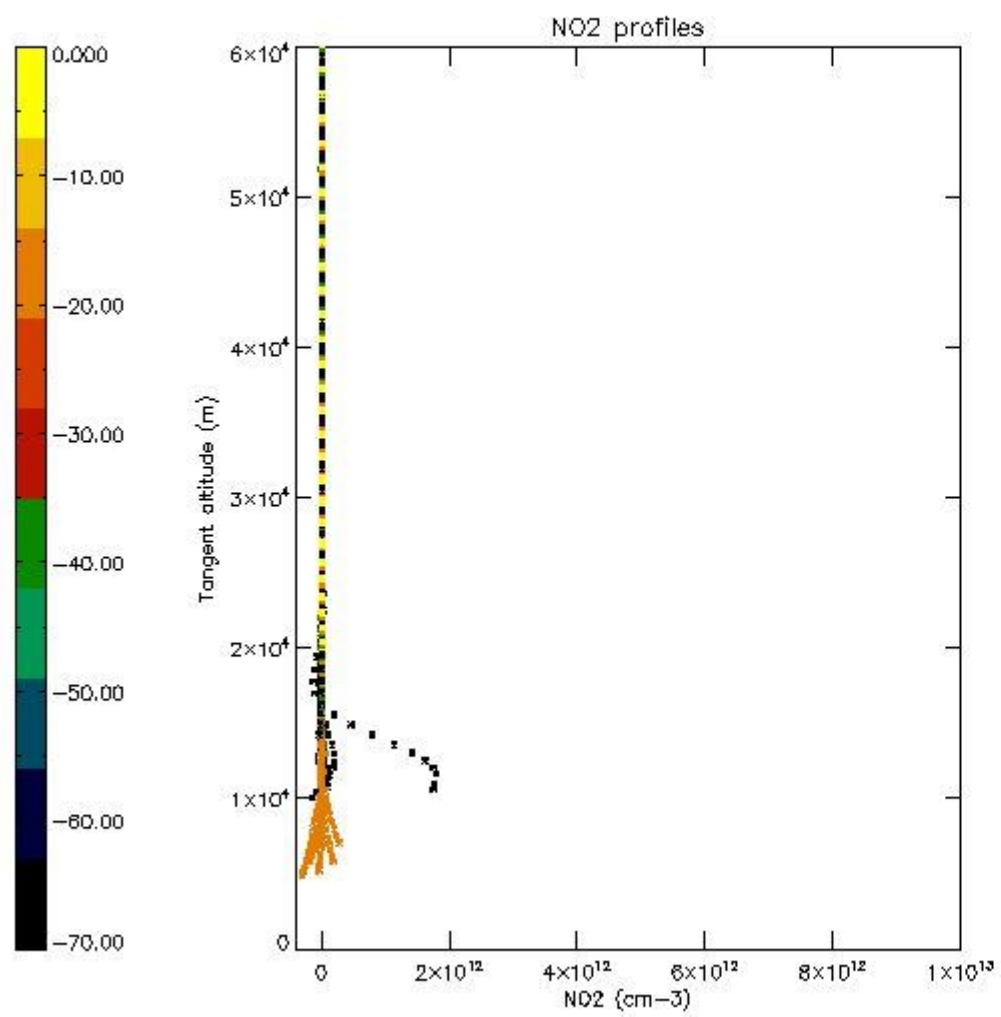
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



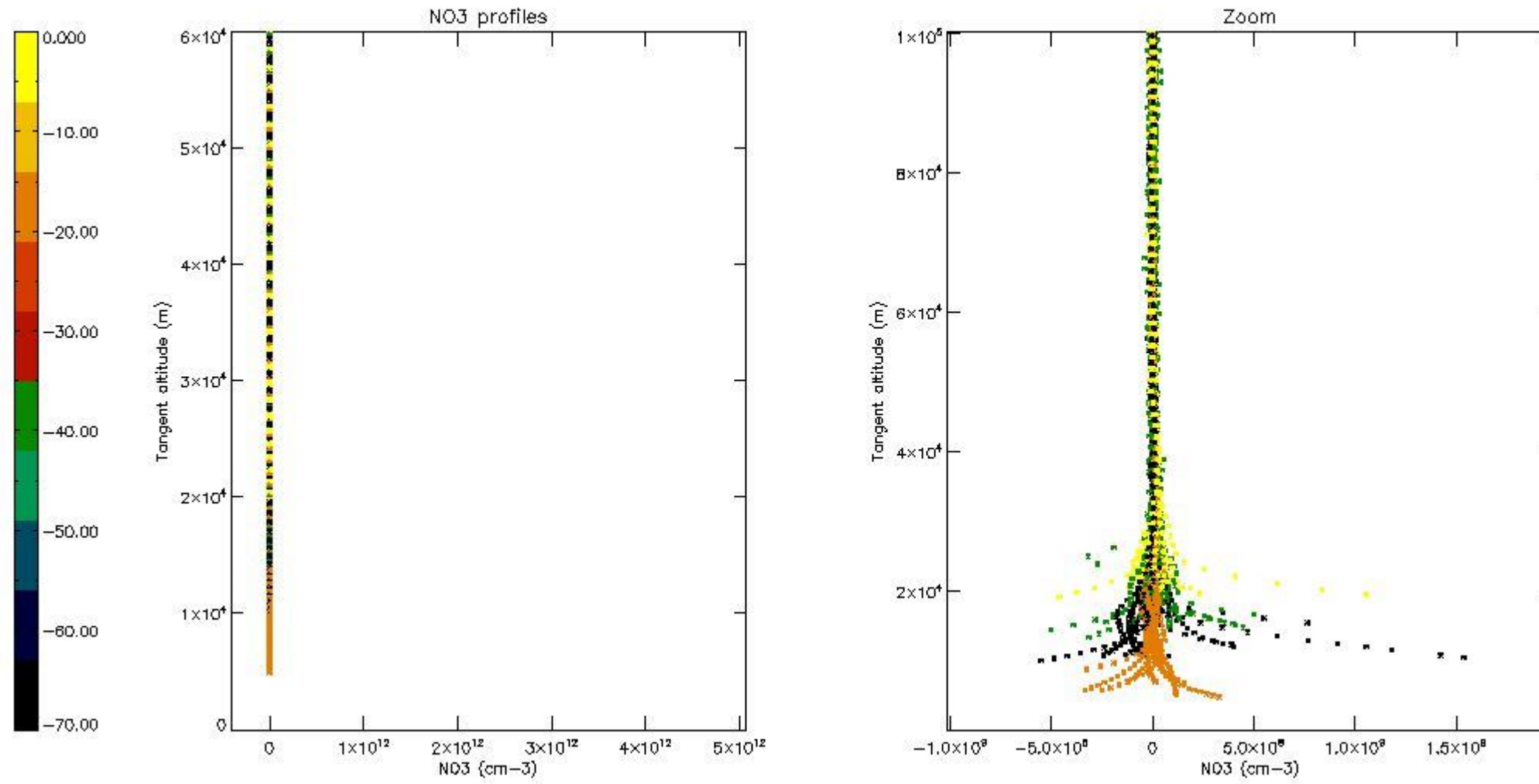
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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	03-JUL-2006 00:04:24
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	03-JUL-2006 00:04:24
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	03-JUL-2006 00:04:24

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

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[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](#)

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[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](#)

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[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 01:02:23
Data source version	GOMOS/6.01
Start time of products	03-07-2006 (03JUL2006 00:00:00)
Stop time of products	04-07-2006 (04JUL2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	303
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__2PRFIN20060703_000424_000000412049_00088_22687_9630.N1	03-JUL-2006 00:04:24	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	22687	No
2	GOM_NL__2PRFIN20060703_000806_000000422049_00088_22687_9631.N1	03-JUL-2006 00:08:06	Straylight	42.000	141	Bet Ara	2.8400	4600.0	84	22687	No
3	GOM_NL__2PRFIN20060703_000934_000000382049_00088_22687_9632.N1	03-JUL-2006 00:09:34	Twi_and_stray	37.500	147	Alp Ara	2.8770	26000.	75	22687	No
4	GOM_NL__2PRFIN20060703_001123_000000412049_00088_22687_9633.N1	03-JUL-2006 00:11:23	Twi_and_stray	41.000	40	The Sco	1.8590	7100.0	82	22687	No
5	GOM_NL__2PRFIN20060703_001302_000000402049_00088_22687_9634.N1	03-JUL-2006 00:13:02	Twi_and_stray	40.000	25	35Lam Sco	1.6200	28000.	80	22687	No
6	GOM_NL__2PRFIN20060703_001428_000000432049_00088_22687_9635.N1	03-JUL-2006 00:14:28	Bright	43.000	116	19Del Sgr	2.7000	4100.0	86	22687	No
7	GOM_NL__2PRFIN20060703_001913_000000372049_00088_22687_9636.N1	03-JUL-2006 00:19:13	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	22687	No
8	GOM_NL__2PRFIN20060703_002059_000000362049_00088_22687_9637.N1	03-JUL-2006 00:20:59	Bright	35.500	98	13Zet Oph	2.5710	30000.	71	22687	No
9	GOM_NL__2PRFIN20060703_002448_000000362049_00088_22687_9638.N1	03-JUL-2006 00:24:48	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	22687	No
10	GOM_NL__2PRFIN20060703_002707_000000362049_00088_22687_9639.N1	03-JUL-2006 00:27:07	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	22687	No
11	GOM_NL__2PRFIN20060703_002954_000000342049_00088_22687_9640.N1	03-JUL-2006 00:29:54	Bright	34.000	127	27Bet Her	2.7810	4700.0	68	22687	No
12	GOM_NL__2PRFIN20060703_003236_000000362049_00088_22687_9641.N1	03-JUL-2006 00:32:36	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	22687	No
13	GOM_NL__2PRFIN20060703_003831_000000352049_00088_22687_9642.N1	03-JUL-2006 00:38:31	Bright	34.500	130	23Bet Dra	2.7990	5800.0	69	22687	No
14	GOM_NL__2PRFIN20060703_004100_000000402049_00088_22687_9643.N1	03-JUL-2006 00:41:00	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	22687	No
15	GOM_NL__2PRFIN20060703_004501_000000362049_00088_22687_9644.N1	03-JUL-2006 00:45:01	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	22687	No
16	GOM_NL__2PRFIN20060703_004911_000000362049_00088_22687_9645.N1	03-JUL-2006 00:49:11	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22687	No
17	GOM_NL__2PRFIN20060703_010810_000000402049_00088_22687_9646.N1	03-JUL-2006 01:08:10	Twilight	39.500	146	25Eta Tau	2.8730	15200.	79	22687	No
18	GOM_NL__2PRFIN20060703_011834_000000432049_00088_22687_9647.N1	03-JUL-2006 01:18:34	Dark	42.500	165	34Gam Eri	2.9500	3200.0	85	22687	No
19	GOM_NL__2PRFIN20060703_013312_000000442049_00089_22688_9628.N1	03-JUL-2006 01:33:12	Dark	44.000	9	Alp Eri	0.45300	24000.	88	22688	No
20	GOM_NL__2PRFIN20060703_013744_000000382049_00089_22688_9629.N1	03-JUL-2006 01:37:44	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	22688	No
21	GOM_NL__2PRFIN20060703_014501_000000422049_00089_22688_9630.N1	03-JUL-2006 01:45:01	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	22688	No
22	GOM_NL__2PRFIN20060703_014842_000000392049_00089_22688_9631.N1	03-JUL-2006 01:48:42	Straylight	38.500	141	Bet Ara	2.8400	4600.0	77	22688	No
23	GOM_NL__2PRFIN20060703_015010_000000372049_00089_22688_9632.N1	03-JUL-2006 01:50:10	Twi_and_stray	37.000	147	Alp Ara	2.8770	26000.	74	22688	No
24	GOM_NL__2PRFIN20060703_015159_000000442049_00089_22688_9633.N1	03-JUL-2006 01:51:59	Twi_and_stray	43.500	40	The Sco	1.8590	7100.0	87	22688	No
25	GOM_NL__2PRFIN20060703_015338_000000412049_00089_22688_9634.N1	03-JUL-2006 01:53:38	Twi_and_stray	40.500	25	35Lam Sco	1.6200	28000.	81	22688	No
26	GOM_NL__2PRFIN20060703_015504_000000432049_00089_22688_9635.N1	03-JUL-2006 01:55:04	Bright	43.000	116	19Del Sgr	2.7000	4100.0	86	22688	No
27	GOM_NL__2PRFIN20060703_015949_000000372049_00089_22688_9636.N1	03-JUL-2006 01:59:49	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	22688	No
28	GOM_NL__2PRFIN20060703_020135_000000352049_00089_22688_9637.N1	03-JUL-2006 02:01:35	Bright	35.000	98	13Zet Oph	2.5710	30000.	70	22688	No
29	GOM_NL__2PRFIN20060703_020524_000000372049_00089_22688_9638.N1	03-JUL-2006 02:05:24	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	22688	No
30	GOM_NL__2PRFIN20060703_020743_000000372049_00089_22688_9639.N1	03-JUL-2006 02:07:43	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	22688	No
31	GOM_NL__2PRFIN20060703_021030_000000352049_00089_22688_9640.N1	03-JUL-2006 02:10:30	Bright	35.000	127	27Bet Her	2.7810	4700.0	70	22688	No
32	GOM_NL__2PRFIN20060703_021312_000000352049_00089_22688_9641.N1	03-JUL-2006 02:13:12	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	22688	No
33	GOM_NL__2PRFIN20060703_021907_000000342049_00089_22688_9642.N1	03-JUL-2006 02:19:07	Bright	33.500	130	23Bet Dra	2.7990	5800.0	67	22688	No
34	GOM_NL__2PRFIN20060703_022136_000000362049_00089_22688_9643.N1	03-JUL-2006 02:21:36	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22688	No
35	GOM_NL__2PRFIN20060703_022537_000000332049_00089_22688_9644.N1	03-JUL-2006 02:25:37	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	22688	No
36	GOM_NL__2PRFIN20060703_022947_000000362049_00089_22688_9645.N1	03-JUL-2006 02:29:47	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22688	No
37	GOM_NL__2PRFIN20060703_024846_000000402049_00089_22688_9646.N1	03-JUL-2006 02:48:46	Twilight	40.000	146	25Eta Tau	2.8730	15200.	80	22688	No
38	GOM_NL__2PRFIN20060703_025911_000000442049_00089_22688_9647.N1	03-JUL-2006 02:59:11	Dark	43.500	165	34Gam Eri	2.9500	3200.0	87	22688	No
39	GOM_NL__2PRFIN20060703_030739_000000382049_00089_22688_9648.N1	03-JUL-2006 03:07:39	Dark	38.000	157	The1Eri	2.9060	9300.0	76	22688	No
40	GOM_NL__2PRFIN20060703_031348_000000502049_00090_22689_9628.N1	03-JUL-2006 03:13:48	Dark	50.000	9	Alp Eri	0.45300	24000.	100	22689	No
41	GOM_NL__2PRFIN20060703_031820_000000372049_00090_22689_9629.N1	03-JUL-2006 03:18:20	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22689	No
42	GOM_NL__2PRFIN20060703_032537_000000422049_00090_22689_9630.N1	03-JUL-2006 03:25:37	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	22689	No

43	GOM_NL__2PRFIN20060703_032918_000000412049_00090_22689_9631.N1	03-JUL-2006 03:29:18	Straylight	41.000	141	Bet Ara	2.8400	4600.0	82	22689	No
44	GOM_NL__2PRFIN20060703_033046_000000372049_00090_22689_9632.N1	03-JUL-2006 03:30:46	Twilight	37.000	147	Alp Ara	2.8770	26000.	74	22689	No
45	GOM_NL__2PRFIN20060703_033235_000000422049_00090_22689_9633.N1	03-JUL-2006 03:32:35	Twilight	41.500	40	The Sco	1.8590	7100.0	83	22689	No
46	GOM_NL__2PRFIN20060703_033415_000000402049_00090_22689_9634.N1	03-JUL-2006 03:34:15	Twilight	39.500	25	35Lam Sco	1.6200	28000.	79	22689	No
47	GOM_NL__2PRFIN20060703_033540_000000442049_00090_22689_9635.N1	03-JUL-2006 03:35:40	Bright	44.000	116	19Del Sgr	2.7000	4100.0	88	22689	No
48	GOM_NL__2PRFIN20060703_034025_000000372049_00090_22689_9636.N1	03-JUL-2006 03:40:25	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	22689	No
49	GOM_NL__2PRFIN20060703_034211_000000362049_00090_22689_9637.N1	03-JUL-2006 03:42:11	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	22689	No
50	GOM_NL__2PRFIN20060703_034600_000000362049_00090_22689_9638.N1	03-JUL-2006 03:46:00	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	22689	No
51	GOM_NL__2PRFIN20060703_034819_000000362049_00090_22689_9639.N1	03-JUL-2006 03:48:19	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	22689	No
52	GOM_NL__2PRFIN20060703_035106_000000362049_00090_22689_9640.N1	03-JUL-2006 03:51:06	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	22689	No
53	GOM_NL__2PRFIN20060703_035348_000000382049_00090_22689_9641.N1	03-JUL-2006 03:53:48	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	22689	No
54	GOM_NL__2PRFIN20060703_035943_000000362049_00090_22689_9642.N1	03-JUL-2006 03:59:43	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	22689	No
55	GOM_NL__2PRFIN20060703_040212_000000352049_00090_22689_9643.N1	03-JUL-2006 04:02:12	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	22689	No
56	GOM_NL__2PRFIN20060703_040614_000000342049_00090_22689_9644.N1	03-JUL-2006 04:06:14	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	22689	No
57	GOM_NL__2PRFIN20060703_041023_000000362049_00090_22689_9645.N1	03-JUL-2006 04:10:23	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22689	No
58	GOM_NL__2PRFIN20060703_042922_000000412049_00090_22689_9646.N1	03-JUL-2006 04:29:22	Twilight	40.500	146	25Eta Tau	2.8730	15200.	81	22689	No
59	GOM_NL__2PRFIN20060703_043947_000000442049_00090_22689_9647.N1	03-JUL-2006 04:39:47	Dark	44.000	165	34Gam Eri	2.9500	3200.0	88	22689	No
60	GOM_NL__2PRFIN20060703_044816_000000412049_00090_22689_9648.N1	03-JUL-2006 04:48:16	Dark	40.500	157	The1Eri	2.9060	9300.0	81	22689	No
61	GOM_NL__2PRFIN20060703_045425_000000442049_00091_22690_9628.N1	03-JUL-2006 04:54:25	Dark	44.000	9	Alp Eri	0.45300	24000.	88	22690	No
62	GOM_NL__2PRFIN20060703_045857_000000362049_00091_22690_9629.N1	03-JUL-2006 04:58:57	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	22690	No
63	GOM_NL__2PRFIN20060703_050614_000000422049_00091_22690_9630.N1	03-JUL-2006 05:06:14	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	22690	No
64	GOM_NL__2PRFIN20060703_050954_000000402049_00091_22690_9631.N1	03-JUL-2006 05:09:54	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	22690	No
65	GOM_NL__2PRFIN20060703_051123_000000372049_00091_22690_9632.N1	03-JUL-2006 05:11:23	Twilight	36.500	147	Alp Ara	2.8770	26000.	73	22690	No
66	GOM_NL__2PRFIN20060703_051311_000000412049_00091_22690_9633.N1	03-JUL-2006 05:13:11	Twilight	41.000	40	The Sco	1.8590	7100.0	82	22690	No
67	GOM_NL__2PRFIN20060703_051451_000000402049_00091_22690_9634.N1	03-JUL-2006 05:14:51	Twilight	39.500	25	35Lam Sco	1.6200	28000.	79	22690	No
68	GOM_NL__2PRFIN20060703_051616_000000452049_00091_22690_9635.N1	03-JUL-2006 05:16:16	Bright	44.500	116	19Del Sgr	2.7000	4100.0	89	22690	No
69	GOM_NL__2PRFIN20060703_052101_000000362049_00091_22690_9636.N1	03-JUL-2006 05:21:01	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	22690	No
70	GOM_NL__2PRFIN20060703_052248_000000362049_00091_22690_9637.N1	03-JUL-2006 05:22:48	Bright	35.500	98	13Zet Oph	2.5710	30000.	71	22690	No
71	GOM_NL__2PRFIN20060703_052636_000000372049_00091_22690_9638.N1	03-JUL-2006 05:26:36	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	22690	No
72	GOM_NL__2PRFIN20060703_052855_000000362049_00091_22690_9639.N1	03-JUL-2006 05:28:55	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	22690	No
73	GOM_NL__2PRFIN20060703_053142_000000362049_00091_22690_9640.N1	03-JUL-2006 05:31:42	Bright	35.500	127	27Bet Her	2.7810	4700.0	71	22690	No
74	GOM_NL__2PRFIN20060703_053425_000000372049_00091_22690_9641.N1	03-JUL-2006 05:34:25	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	22690	No
75	GOM_NL__2PRFIN20060703_054019_000000372049_00091_22690_9642.N1	03-JUL-2006 05:40:19	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	22690	No
76	GOM_NL__2PRFIN20060703_054248_000000362049_00091_22690_9643.N1	03-JUL-2006 05:42:48	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22690	No
77	GOM_NL__2PRFIN20060703_054650_000000362049_00091_22690_9644.N1	03-JUL-2006 05:46:50	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	22690	No
78	GOM_NL__2PRFIN20060703_055059_000000342049_00091_22690_9645.N1	03-JUL-2006 05:50:59	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	22690	No
79	GOM_NL__2PRFIN20060703_060959_000000412049_00091_22690_9646.N1	03-JUL-2006 06:09:59	Twilight	41.000	146	25Eta Tau	2.8730	15200.	82	22690	No
80	GOM_NL__2PRFIN20060703_062023_000000452049_00091_22690_9647.N1	03-JUL-2006 06:20:23	Dark	44.500	165	34Gam Eri	2.9500	3200.0	89	22690	No
81	GOM_NL__2PRFIN20060703_062852_000000412049_00091_22690_9648.N1	03-JUL-2006 06:28:52	Dark	41.000	157	The1Eri	2.9060	9300.0	82	22690	No
82	GOM_NL__2PRFIN20060703_063501_000000422049_00092_22691_9628.N1	03-JUL-2006 06:35:01	Dark	41.500	9	Alp Eri	0.45300	24000.	83	22691	No
83	GOM_NL__2PRFIN20060703_063933_000000382049_00092_22691_9629.N1	03-JUL-2006 06:39:33	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	22691	No
84	GOM_NL__2PRFIN20060703_064650_000000412049_00092_22691_9630.N1	03-JUL-2006 06:46:50	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	22691	No
85	GOM_NL__2PRFIN20060703_065030_000000412049_00092_22691_9631.N1	03-JUL-2006 06:50:30	Straylight	41.000	141	Bet Ara	2.8400	4600.0	82	22691	No
86	GOM_NL__2PRFIN20060703_065159_000000372049_00092_22691_9632.N1	03-JUL-2006 06:51:59	Twilight	37.000	147	Alp Ara	2.8770	26000.	74	22691	No
87	GOM_NL__2PRFIN20060703_065347_000000432049_00092_22691_9633.N1	03-JUL-2006 06:53:47	Twilight	43.000	40	The Sco	1.8590	7100.0	86	22691	No
88	GOM_NL__2PRFIN20060703_065527_000000412049_00092_22691_9634.N1	03-JUL-2006 06:55:27	Twilight	41.000	25	35Lam Sco	1.6200	28000.	82	22691	No
89	GOM_NL__2PRFIN20060703_065652_000000482049_00092_22691_9635.N1	03-JUL-2006 06:56:52	Bright	47.500	116	19Del Sgr	2.7000	4100.0	95	22691	No
90	GOM_NL__2PRFIN20060703_070137_000000352049_00092_22691_9636.N1	03-JUL-2006 07:01:37	Bright	35.000	86	35Eta Oph	2.4300	10200.	70	22691	No
91	GOM_NL__2PRFIN20060703_070324_000000362049_00092_22691_9637.N1	03-JUL-2006 07:03:24	Bright	35.500	98	13Zet Oph	2.5710	30000.	71	22691	No
92	GOM_NL__2PRFIN20060703_070712_000000372049_00092_22691_9638.N1	03-JUL-2006 07:07:12	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	22691	No
93	GOM_NL__2PRFIN20060703_070931_000000382049_00092_22691_9639.N1	03-JUL-2006 07:09:31	Bright	38.000	59	55Alp Oph	2.0800	8900.0	76	22691	No
94	GOM_NL__2PRFIN20060703_071219_000000362049_00092_22691_9640.N1	03-JUL-2006 07:12:19	Bright	35.500	127	27Bet Her	2.7810	4700.0	71	22691	No
95	GOM_NL__2PRFIN20060703_071501_000000352049_00092_22691_9641.N1	03-JUL-2006 07:15:01	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	22691	No
96	GOM_NL__2PRFIN20060703_072055_000000372049_00092_22691_9642.N1	03-JUL-2006 07:20:55	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	22691	No
97	GOM_NL__2PRFIN20060703_072324_000000362049_00092_22691_9643.N1	03-JUL-2006 07:23:24	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22691	No
98	GOM_NL__2PRFIN20060703_072726_000000362049_00092_22691_9644.N1	03-JUL-2006 07:27:26	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	22691	No
99	GOM_NL__2PRFIN20060703_073135_000000362049_00092_22691_9645.N1	03-JUL-2006 07:31:35	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	22691	No
100	GOM_NL__2PRFIN20060703_075035_000000422049_00092_22691_9646.N1	03-JUL-2006 07:50:35	Twilight	42.000	146	25Eta Tau	2.8730	15200.	84	22691	No
101	GOM_NL__2PRFIN20060703_080100_000000442049_00092_22691_9647.N1	03-JUL-2006 08:01:00	Dark	44.000	165	34Gam Eri	2.9500	3200.0	88	22691	No

102	GOM_NL__2PRFIN20060703_080929_000000412049_00092_22691_9648.N1	03-JUL-2006 08:09:29	Dark	41.000	157	The1Eri	2.9060	9300.0	82	22691	No
103	GOM_NL__2PRFIN20060703_081538_000000512049_00093_22692_9628.N1	03-JUL-2006 08:15:38	Dark	51.000	9	Alp Eri	0.45300	24000.	102	22692	No
104	GOM_NL__2PRFIN20060703_082009_000000362049_00093_22692_9629.N1	03-JUL-2006 08:20:09	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	22692	No
105	GOM_NL__2PRFIN20060703_082726_000000402049_00093_22692_9630.N1	03-JUL-2006 08:27:26	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	22692	No
106	GOM_NL__2PRFIN20060703_083107_000000402049_00093_22692_9631.N1	03-JUL-2006 08:31:07	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	22692	No
107	GOM_NL__2PRFIN20060703_083235_000000382049_00093_22692_9632.N1	03-JUL-2006 08:32:35	Twi_and_stray	38.000	147	Alp Ara	2.8770	26000.	76	22692	No
108	GOM_NL__2PRFIN20060703_083423_000000412049_00093_22692_9633.N1	03-JUL-2006 08:34:23	Twi_and_stray	41.000	40	The Sco	1.8590	7100.0	82	22692	No
109	GOM_NL__2PRFIN20060703_083603_000000402049_00093_22692_9634.N1	03-JUL-2006 08:36:03	Twi_and_stray	39.500	25	35Lam Sco	1.6200	28000.	79	22692	No
110	GOM_NL__2PRFIN20060703_083729_000000542049_00093_22692_9635.N1	03-JUL-2006 08:37:29	Bright	54.000	116	19Del Sgr	2.7000	4100.0	108	22692	No
111	GOM_NL__2PRFIN20060703_084214_000000352049_00093_22692_9636.N1	03-JUL-2006 08:42:14	Bright	35.000	86	35Eta Oph	2.4300	10200.	70	22692	No
112	GOM_NL__2PRFIN20060703_084400_000000352049_00093_22692_9637.N1	03-JUL-2006 08:44:00	Bright	34.500	98	13Zet Oph	2.5710	30000.	69	22692	No
113	GOM_NL__2PRFIN20060703_084748_000000362049_00093_22692_9638.N1	03-JUL-2006 08:47:48	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	22692	No
114	GOM_NL__2PRFIN20060703_085007_000000352049_00093_22692_9639.N1	03-JUL-2006 08:50:07	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	22692	No
115	GOM_NL__2PRFIN20060703_085255_000000372049_00093_22692_9640.N1	03-JUL-2006 08:52:55	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	22692	No
116	GOM_NL__2PRFIN20060703_085537_000000372049_00093_22692_9641.N1	03-JUL-2006 08:55:37	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	22692	No
117	GOM_NL__2PRFIN20060703_090131_000000382049_00093_22692_9642.N1	03-JUL-2006 09:01:31	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	22692	No
118	GOM_NL__2PRFIN20060703_090400_000000362049_00093_22692_9643.N1	03-JUL-2006 09:04:00	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22692	No
119	GOM_NL__2PRFIN20060703_090802_000000372049_00093_22692_9644.N1	03-JUL-2006 09:08:02	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	22692	No
120	GOM_NL__2PRFIN20060703_091211_000000362049_00093_22692_9645.N1	03-JUL-2006 09:12:11	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	22692	No
121	GOM_NL__2PRFIN20060703_093111_000000422049_00093_22692_9646.N1	03-JUL-2006 09:31:11	Twilight	42.000	146	25Eta Tau	2.8730	15200.	84	22692	No
122	GOM_NL__2PRFIN20060703_094136_000000432049_00093_22692_9647.N1	03-JUL-2006 09:41:36	Dark	42.500	165	34Gam Eri	2.9500	3200.0	85	22692	No
123	GOM_NL__2PRFIN20060703_095005_000000432049_00093_22692_9648.N1	03-JUL-2006 09:50:05	Dark	42.500	157	The1Eri	2.9060	9300.0	85	22692	No
124	GOM_NL__2PRFIN20060703_095614_000000512049_00094_22693_9628.N1	03-JUL-2006 09:56:14	Dark	51.000	9	Alp Eri	0.45300	24000.	102	22693	No
125	GOM_NL__2PRFIN20060703_100045_000000372049_00094_22693_9629.N1	03-JUL-2006 10:00:45	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22693	No
126	GOM_NL__2PRFIN20060703_100803_000000432049_00094_22693_9630.N1	03-JUL-2006 10:08:03	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	22693	No
127	GOM_NL__2PRFIN20060703_101143_000000382049_00094_22693_9631.N1	03-JUL-2006 10:11:43	Straylight	38.000	141	Bet Ara	2.8400	4600.0	76	22693	No
128	GOM_NL__2PRFIN20060703_101311_000000392049_00094_22693_9632.N1	03-JUL-2006 10:13:11	Twi_and_stray	38.500	147	Alp Ara	2.8770	26000.	77	22693	No
129	GOM_NL__2PRFIN20060703_101500_000000412049_00094_22693_9633.N1	03-JUL-2006 10:15:00	Twi_and_stray	41.000	40	The Sco	1.8590	7100.0	82	22693	No
130	GOM_NL__2PRFIN20060703_101639_000000392049_00094_22693_9634.N1	03-JUL-2006 10:16:39	Twi_and_stray	39.000	25	35Lam Sco	1.6200	28000.	78	22693	No
131	GOM_NL__2PRFIN20060703_101805_000000532049_00094_22693_9635.N1	03-JUL-2006 10:18:05	Bright	52.500	116	19Del Sgr	2.7000	4100.0	105	22693	No
132	GOM_NL__2PRFIN20060703_102250_000000372049_00094_22693_9636.N1	03-JUL-2006 10:22:50	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	22693	No
133	GOM_NL__2PRFIN20060703_102436_000000362049_00094_22693_9637.N1	03-JUL-2006 10:24:36	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	22693	No
134	GOM_NL__2PRFIN20060703_102824_000000362049_00094_22693_9638.N1	03-JUL-2006 10:28:24	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	22693	No
135	GOM_NL__2PRFIN20060703_103043_000000362049_00094_22693_9639.N1	03-JUL-2006 10:30:43	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	22693	No
136	GOM_NL__2PRFIN20060703_103331_000000342049_00094_22693_9640.N1	03-JUL-2006 10:33:31	Bright	34.000	127	27Bet Her	2.7810	4700.0	68	22693	No
137	GOM_NL__2PRFIN20060703_103613_000000362049_00094_22693_9641.N1	03-JUL-2006 10:36:13	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	22693	No
138	GOM_NL__2PRFIN20060703_104206_000000372049_00094_22693_9642.N1	03-JUL-2006 10:42:06	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	22693	No
139	GOM_NL__2PRFIN20060703_104436_000000362049_00094_22693_9643.N1	03-JUL-2006 10:44:36	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22693	No
140	GOM_NL__2PRFIN20060703_104838_000000352049_00094_22693_9644.N1	03-JUL-2006 10:48:38	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	22693	No
141	GOM_NL__2PRFIN20060703_105247_000000362049_00094_22693_9645.N1	03-JUL-2006 10:52:47	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	22693	No
142	GOM_NL__2PRFIN20060703_111147_000000402049_00094_22693_9646.N1	03-JUL-2006 11:11:47	Twilight	40.000	146	25Eta Tau	2.8730	15200.	80	22693	No
143	GOM_NL__2PRFIN20060703_112212_000000422049_00094_22693_9647.N1	03-JUL-2006 11:22:12	Dark	41.500	165	34Gam Eri	2.9500	3200.0	83	22693	No
144	GOM_NL__2PRFIN20060703_113041_000000412049_00094_22693_9648.N1	03-JUL-2006 11:30:41	Dark	41.000	157	The1Eri	2.9060	9300.0	82	22693	No
145	GOM_NL__2PRFIN20060703_113651_000000482049_00095_22694_9628.N1	03-JUL-2006 11:36:51	Dark	47.500	9	Alp Eri	0.45300	24000.	95	22694	No
146	GOM_NL__2PRFIN20060703_114121_000000362049_00095_22694_9629.N1	03-JUL-2006 11:41:21	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	22694	No
147	GOM_NL__2PRFIN20060703_114839_000000402049_00095_22694_9630.N1	03-JUL-2006 11:48:39	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	22694	No
148	GOM_NL__2PRFIN20060703_115219_000000382049_00095_22694_9631.N1	03-JUL-2006 11:52:19	Straylight	38.000	141	Bet Ara	2.8400	4600.0	76	22694	No
149	GOM_NL__2PRFIN20060703_115347_000000372049_00095_22694_9632.N1	03-JUL-2006 11:53:47	Twi_and_stray	37.000	147	Alp Ara	2.8770	26000.	74	22694	No
150	GOM_NL__2PRFIN20060703_115536_000000402049_00095_22694_9633.N1	03-JUL-2006 11:55:36	Twi_and_stray	39.500	40	The Sco	1.8590	7100.0	79	22694	No
151	GOM_NL__2PRFIN20060703_115715_000000412049_00095_22694_9634.N1	03-JUL-2006 11:57:15	Twi_and_stray	40.500	25	35Lam Sco	1.6200	28000.	81	22694	No
152	GOM_NL__2PRFIN20060703_115841_000000482049_00095_22694_9635.N1	03-JUL-2006 11:58:41	Bright	48.000	116	19Del Sgr	2.7000	4100.0	96	22694	No
153	GOM_NL__2PRFIN20060703_120326_000000362049_00095_22694_9636.N1	03-JUL-2006 12:03:26	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	22694	No
154	GOM_NL__2PRFIN20060703_120512_000000362049_00095_22694_9637.N1	03-JUL-2006 12:05:12	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	22694	No
155	GOM_NL__2PRFIN20060703_120900_000000362049_00095_22694_9638.N1	03-JUL-2006 12:09:00	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	22694	No
156	GOM_NL__2PRFIN20060703_121119_000000362049_00095_22694_9639.N1	03-JUL-2006 12:11:19	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	22694	No
157	GOM_NL__2PRFIN20060703_121407_000000372049_00095_22694_9640.N1	03-JUL-2006 12:14:07	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	22694	No
158	GOM_NL__2PRFIN20060703_121649_000000342049_00095_22694_9641.N1	03-JUL-2006 12:16:49	Bright	33.500	133	40Zet Her	2.8070	6000.0	67	22694	No
159	GOM_NL__2PRFIN20060703_122242_000000382049_00095_22694_9642.N1	03-JUL-2006 12:22:42	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	22694	No
160	GOM_NL__2PRFIN20060703_122512_000000352049_00095_22694_9643.N1	03-JUL-2006 12:25:12	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	22694	No



161	GOM_NL__2PRFIN20060703_122914_000000522049_00095_22694_9644.N1	03-JUL-2006 12:29:14	Bright	52.000	60	7Bet UMi	2.0810	3950.0	104	22694	No
162	GOM_NL__2PRFIN20060703_123322_000000362049_00095_22694_9645.N1	03-JUL-2006 12:33:22	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	22694	No
163	GOM_NL__2PRFIN20060703_125223_000000392049_00095_22694_9646.N1	03-JUL-2006 12:52:23	Twilight	39.000	146	25Eta Tau	2.8730	15200.	78	22694	No
164	GOM_NL__2PRFIN20060703_130248_000000452049_00095_22694_9647.N1	03-JUL-2006 13:02:48	Dark	44.500	165	34Gam Eri	2.9500	3200.0	89	22694	No
165	GOM_NL__2PRFIN20060703_131118_000000382049_00095_22694_9648.N1	03-JUL-2006 13:11:18	Dark	37.500	157	The1Eri	2.9060	9300.0	75	22694	No
166	GOM_NL__2PRFIN20060703_131727_000000392049_00096_22695_9648.N1	03-JUL-2006 13:17:27	Dark	39.000	9	Alp Eri	0.45300	24000.	78	22695	No
167	GOM_NL__2PRFIN20060703_132157_000000372049_00096_22695_9649.N1	03-JUL-2006 13:21:57	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22695	No
168	GOM_NL__2PRFIN20060703_132916_000000412049_00096_22695_9650.N1	03-JUL-2006 13:29:16	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	22695	No
169	GOM_NL__2PRFIN20060703_133255_000000392049_00096_22695_9651.N1	03-JUL-2006 13:32:55	Straylight	38.500	141	Bet Ara	2.8400	4600.0	77	22695	No
170	GOM_NL__2PRFIN20060703_133423_000000372049_00096_22695_9652.N1	03-JUL-2006 13:34:23	Twi_and_stray	36.500	147	Alp Ara	2.8770	26000.	73	22695	No
171	GOM_NL__2PRFIN20060703_133612_000000422049_00096_22695_9653.N1	03-JUL-2006 13:36:12	Twi_and_stray	42.000	40	The Sco	1.8590	7100.0	84	22695	No
172	GOM_NL__2PRFIN20060703_133751_000000422049_00096_22695_9654.N1	03-JUL-2006 13:37:51	Twi_and_stray	41.500	25	35Lam Sco	1.6200	28000.	83	22695	No
173	GOM_NL__2PRFIN20060703_133917_000000482049_00096_22695_9655.N1	03-JUL-2006 13:39:17	Bright	48.000	116	19Del Sgr	2.7000	4100.0	96	22695	No
174	GOM_NL__2PRFIN20060703_134402_000000372049_00096_22695_9656.N1	03-JUL-2006 13:44:02	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	22695	No
175	GOM_NL__2PRFIN20060703_134548_000000362049_00096_22695_9657.N1	03-JUL-2006 13:45:48	Bright	35.500	98	13Zet Oph	2.5710	30000.	71	22695	No
176	GOM_NL__2PRFIN20060703_134936_000000372049_00096_22695_9658.N1	03-JUL-2006 13:49:36	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	22695	No
177	GOM_NL__2PRFIN20060703_135155_000000362049_00096_22695_9659.N1	03-JUL-2006 13:51:55	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	22695	No
178	GOM_NL__2PRFIN20060703_135443_000000352049_00096_22695_9660.N1	03-JUL-2006 13:54:43	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	22695	No
179	GOM_NL__2PRFIN20060703_135725_000000352049_00096_22695_9661.N1	03-JUL-2006 13:57:25	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	22695	No
180	GOM_NL__2PRFIN20060703_140318_000000382049_00096_22695_9662.N1	03-JUL-2006 14:03:18	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	22695	No
181	GOM_NL__2PRFIN20060703_140548_000000372049_00096_22695_9663.N1	03-JUL-2006 14:05:48	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	22695	No
182	GOM_NL__2PRFIN20060703_140950_000000332049_00096_22695_9664.N1	03-JUL-2006 14:09:50	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	22695	No
183	GOM_NL__2PRFIN20060703_141358_000000352049_00096_22695_9665.N1	03-JUL-2006 14:13:58	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	22695	No
184	GOM_NL__2PRFIN20060703_143259_000000412049_00096_22695_9666.N1	03-JUL-2006 14:32:59	Twilight	40.500	146	25Eta Tau	2.8730	15200.	81	22695	No
185	GOM_NL__2PRFIN20060703_144324_000000402049_00096_22695_9667.N1	03-JUL-2006 14:43:24	Dark	39.500	165	34Gam Eri	2.9500	3200.0	79	22695	No
186	GOM_NL__2PRFIN20060703_145154_000000392049_00096_22695_9668.N1	03-JUL-2006 14:51:54	Dark	38.500	157	The1Eri	2.9060	9300.0	77	22695	No
187	GOM_NL__2PRFIN20060703_145803_000000502049_00097_22696_9648.N1	03-JUL-2006 14:58:03	Dark	49.500	9	Alp Eri	0.45300	24000.	99	22696	No
188	GOM_NL__2PRFIN20060703_150234_000000362049_00097_22696_9649.N1	03-JUL-2006 15:02:34	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	22696	No
189	GOM_NL__2PRFIN20060703_150952_000000402049_00097_22696_9650.N1	03-JUL-2006 15:09:52	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	22696	No
190	GOM_NL__2PRFIN20060703_151331_000000372049_00097_22696_9651.N1	03-JUL-2006 15:13:31	Straylight	37.000	141	Bet Ara	2.8400	4600.0	74	22696	No
191	GOM_NL__2PRFIN20060703_151459_000000362049_00097_22696_9652.N1	03-JUL-2006 15:14:59	Twi_and_stray	36.000	147	Alp Ara	2.8770	26000.	72	22696	No
192	GOM_NL__2PRFIN20060703_151648_000000422049_00097_22696_9653.N1	03-JUL-2006 15:16:48	Twi_and_stray	41.500	40	The Sco	1.8590	7100.0	83	22696	No
193	GOM_NL__2PRFIN20060703_151828_000000402049_00097_22696_9654.N1	03-JUL-2006 15:18:28	Twi_and_stray	40.000	25	35Lam Sco	1.6200	28000.	80	22696	No
194	GOM_NL__2PRFIN20060703_151953_000000542049_00097_22696_9655.N1	03-JUL-2006 15:19:53	Bright	54.000	116	19Del Sgr	2.7000	4100.0	108	22696	No
195	GOM_NL__2PRFIN20060703_152438_000000372049_00097_22696_9656.N1	03-JUL-2006 15:24:38	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	22696	No
196	GOM_NL__2PRFIN20060703_152624_000000372049_00097_22696_9657.N1	03-JUL-2006 15:26:24	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	22696	No
197	GOM_NL__2PRFIN20060703_153011_000000372049_00097_22696_9658.N1	03-JUL-2006 15:30:11	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	22696	No
198	GOM_NL__2PRFIN20060703_153231_000000372049_00097_22696_9659.N1	03-JUL-2006 15:32:31	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	22696	No
199	GOM_NL__2PRFIN20060703_153519_000000372049_00097_22696_9660.N1	03-JUL-2006 15:35:19	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	22696	No
200	GOM_NL__2PRFIN20060703_153801_000000362049_00097_22696_9661.N1	03-JUL-2006 15:38:01	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	22696	No
201	GOM_NL__2PRFIN20060703_154354_000000372049_00097_22696_9662.N1	03-JUL-2006 15:43:54	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	22696	No
202	GOM_NL__2PRFIN20060703_154624_000000342049_00097_22696_9663.N1	03-JUL-2006 15:46:24	Bright	34.000	119	14Eta Dra	2.7270	4700.0	68	22696	No
203	GOM_NL__2PRFIN20060703_155026_000000352049_00097_22696_9664.N1	03-JUL-2006 15:50:26	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	22696	No
204	GOM_NL__2PRFIN20060703_155434_000000362049_00097_22696_9665.N1	03-JUL-2006 15:54:34	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	22696	No
205	GOM_NL__2PRFIN20060703_161335_000000402049_00097_22696_9666.N1	03-JUL-2006 16:13:35	Twilight	40.000	146	25Eta Tau	2.8730	15200.	80	22696	No
206	GOM_NL__2PRFIN20060703_162401_000000392049_00097_22696_9667.N1	03-JUL-2006 16:24:01	Dark	38.500	165	34Gam Eri	2.9500	3200.0	77	22696	No
207	GOM_NL__2PRFIN20060703_163231_000000412049_00097_22696_9668.N1	03-JUL-2006 16:32:31	Dark	41.000	157	The1Eri	2.9060	9300.0	82	22696	No
208	GOM_NL__2PRFIN20060703_163840_000000412049_00098_22697_9648.N1	03-JUL-2006 16:38:40	Dark	40.500	9	Alp Eri	0.45300	24000.	81	22697	No
209	GOM_NL__2PRFIN20060703_164310_000000372049_00098_22697_9649.N1	03-JUL-2006 16:43:10	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22697	No
210	GOM_NL__2PRFIN20060703_165028_000000382049_00098_22697_9650.N1	03-JUL-2006 16:50:28	Straylight	38.000	45	Alp Pav	1.9400	26000.	76	22697	No
211	GOM_NL__2PRFIN20060703_165407_000000382049_00098_22697_9651.N1	03-JUL-2006 16:54:07	Straylight	37.500	141	Bet Ara	2.8400	4600.0	75	22697	No
212	GOM_NL__2PRFIN20060703_165535_000000372049_00098_22697_9652.N1	03-JUL-2006 16:55:35	Twi_and_stray	37.000	147	Alp Ara	2.8770	26000.	74	22697	No
213	GOM_NL__2PRFIN20060703_165724_000000422049_00098_22697_9653.N1	03-JUL-2006 16:57:24	Twi_and_stray	42.000	40	The Sco	1.8590	7100.0	84	22697	No
214	GOM_NL__2PRFIN20060703_165904_000000422049_00098_22697_9654.N1	03-JUL-2006 16:59:04	Twi_and_stray	42.000	25	35Lam Sco	1.6200	28000.	84	22697	No
215	GOM_NL__2PRFIN20060703_170029_000000432049_00098_22697_9655.N1	03-JUL-2006 17:00:29	Bright	42.500	116	19Del Sgr	2.7000	4100.0	85	22697	No
216	GOM_NL__2PRFIN20060703_170514_000000372049_00098_22697_9656.N1	03-JUL-2006 17:05:14	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	22697	No
217	GOM_NL__2PRFIN20060703_170700_000000362049_00098_22697_9657.N1	03-JUL-2006 17:07:00	Bright	35.500	98	13Zet Oph	2.5710	30000.	71	22697	No
218	GOM_NL__2PRFIN20060703_171047_000000372049_00098_22697_9658.N1	03-JUL-2006 17:10:47	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	22697	No
219	GOM_NL__2PRFIN20060703_171307_000000362049_00098_22697_9659.N1	03-JUL-2006 17:13:07	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	22697	No

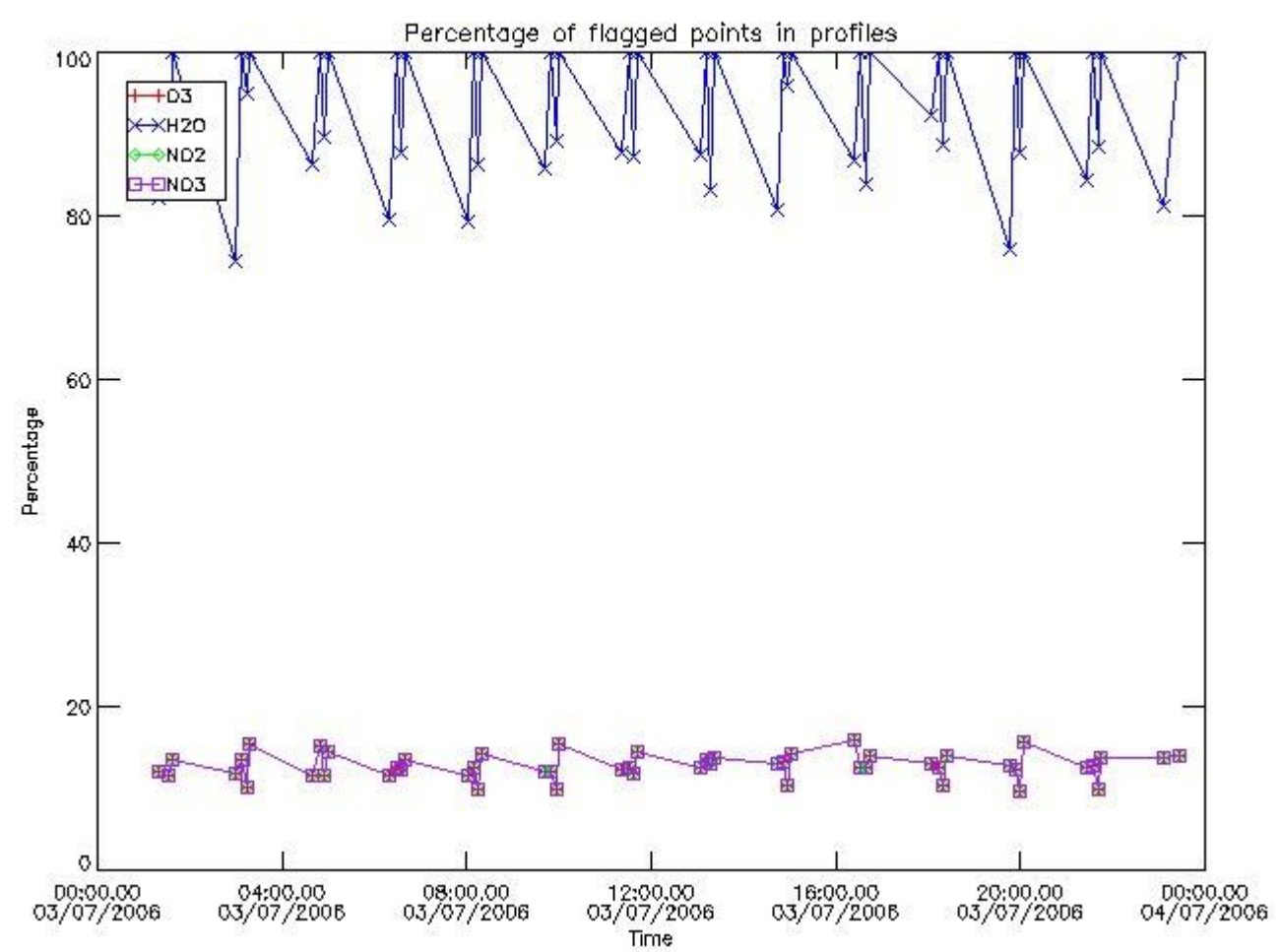
220	GOM_NL__2PRFIN20060703_171555_000000372049_00098_22697_9660.N1	03-JUL-2006 17:15:55	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	22697	No
221	GOM_NL__2PRFIN20060703_171837_000000372049_00098_22697_9661.N1	03-JUL-2006 17:18:37	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	22697	No
222	GOM_NL__2PRFIN20060703_172430_000000352049_00098_22697_9662.N1	03-JUL-2006 17:24:30	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	22697	No
223	GOM_NL__2PRFIN20060703_172700_000000352049_00098_22697_9663.N1	03-JUL-2006 17:27:00	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	22697	No
224	GOM_NL__2PRFIN20060703_173102_000000352049_00098_22697_9664.N1	03-JUL-2006 17:31:02	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	22697	No
225	GOM_NL__2PRFIN20060703_173510_000000352049_00098_22697_9665.N1	03-JUL-2006 17:35:10	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	22697	No
226	GOM_NL__2PRFIN20060703_175412_000000402049_00098_22697_9666.N1	03-JUL-2006 17:54:12	Twilight	40.000	146	25Eta Tau	2.8730	15200.	80	22697	No
227	GOM_NL__2PRFIN20060703_180437_000000392049_00098_22697_9667.N1	03-JUL-2006 18:04:37	Dark	39.000	165	34Gam Eri	2.9500	3200.0	78	22697	No
228	GOM_NL__2PRFIN20060703_181307_000000412049_00098_22697_9668.N1	03-JUL-2006 18:13:07	Dark	40.500	157	The1Eri	2.9060	9300.0	81	22697	No
229	GOM_NL__2PRFIN20060703_181916_000000502049_00099_22698_9648.N1	03-JUL-2006 18:19:16	Dark	49.500	9	Alp Eri	0.45300	24000.	99	22698	No
230	GOM_NL__2PRFIN20060703_182346_000000372049_00099_22698_9649.N1	03-JUL-2006 18:23:46	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22698	No
231	GOM_NL__2PRFIN20060703_183105_000000402049_00099_22698_9650.N1	03-JUL-2006 18:31:05	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	22698	No
232	GOM_NL__2PRFIN20060703_183443_000000392049_00099_22698_9651.N1	03-JUL-2006 18:34:43	Straylight	38.500	141	Bet Ara	2.8400	4600.0	77	22698	No
233	GOM_NL__2PRFIN20060703_183612_000000362049_00099_22698_9652.N1	03-JUL-2006 18:36:12	Twi_and_stray	36.000	147	Alp Ara	2.8770	26000.	72	22698	No
234	GOM_NL__2PRFIN20060703_183800_000000432049_00099_22698_9653.N1	03-JUL-2006 18:38:00	Twi_and_stray	43.000	40	The Sco	1.8590	7100.0	86	22698	No
235	GOM_NL__2PRFIN20060703_183940_000000402049_00099_22698_9654.N1	03-JUL-2006 18:39:40	Twi_and_stray	39.500	25	35Lam Sco	1.6200	28000.	79	22698	No
236	GOM_NL__2PRFIN20060703_184106_000000432049_00099_22698_9655.N1	03-JUL-2006 18:41:06	Bright	42.500	116	19Del Sgr	2.7000	4100.0	85	22698	No
237	GOM_NL__2PRFIN20060703_184550_000000372049_00099_22698_9656.N1	03-JUL-2006 18:45:50	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	22698	No
238	GOM_NL__2PRFIN20060703_184737_000000372049_00099_22698_9657.N1	03-JUL-2006 18:47:37	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	22698	No
239	GOM_NL__2PRFIN20060703_185123_000000372049_00099_22698_9658.N1	03-JUL-2006 18:51:23	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	22698	No
240	GOM_NL__2PRFIN20060703_185343_000000362049_00099_22698_9659.N1	03-JUL-2006 18:53:43	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	22698	No
241	GOM_NL__2PRFIN20060703_185631_000000362049_00099_22698_9660.N1	03-JUL-2006 18:56:31	Bright	35.500	127	27Bet Her	2.7810	4700.0	71	22698	No
242	GOM_NL__2PRFIN20060703_185913_000000352049_00099_22698_9661.N1	03-JUL-2006 18:59:13	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	22698	No
243	GOM_NL__2PRFIN20060703_190506_000000382049_00099_22698_9662.N1	03-JUL-2006 19:05:06	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	22698	No
244	GOM_NL__2PRFIN20060703_190736_000000362049_00099_22698_9663.N1	03-JUL-2006 19:07:36	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22698	No
245	GOM_NL__2PRFIN20060703_191139_000000362049_00099_22698_9664.N1	03-JUL-2006 19:11:39	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	22698	No
246	GOM_NL__2PRFIN20060703_191546_000000362049_00099_22698_9665.N1	03-JUL-2006 19:15:46	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22698	No
247	GOM_NL__2PRFIN20060703_193448_000000402049_00099_22698_9666.N1	03-JUL-2006 19:34:48	Twilight	39.500	146	25Eta Tau	2.8730	15200.	79	22698	No
248	GOM_NL__2PRFIN20060703_194513_000000402049_00099_22698_9667.N1	03-JUL-2006 19:45:13	Dark	40.000	165	34Gam Eri	2.9500	3200.0	80	22698	No
249	GOM_NL__2PRFIN20060703_195343_000000422049_00099_22698_9668.N1	03-JUL-2006 19:53:43	Dark	41.500	157	The1Eri	2.9060	9300.0	83	22698	No
250	GOM_NL__2PRFIN20060703_195953_000000532049_00100_22699_9648.N1	03-JUL-2006 19:59:53	Dark	53.000	9	Alp Eri	0.45300	24000.	106	22699	No
251	GOM_NL__2PRFIN20060703_200422_000000362049_00100_22699_9649.N1	03-JUL-2006 20:04:22	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	22699	No
252	GOM_NL__2PRFIN20060703_201141_000000412049_00100_22699_9650.N1	03-JUL-2006 20:11:41	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	22699	No
253	GOM_NL__2PRFIN20060703_201519_000000382049_00100_22699_9651.N1	03-JUL-2006 20:15:19	Straylight	37.500	141	Bet Ara	2.8400	4600.0	75	22699	No
254	GOM_NL__2PRFIN20060703_201648_000000362049_00100_22699_9652.N1	03-JUL-2006 20:16:48	Twi_and_stray	36.000	147	Alp Ara	2.8770	26000.	72	22699	No
255	GOM_NL__2PRFIN20060703_201836_000000382049_00100_22699_9653.N1	03-JUL-2006 20:18:36	Twi_and_stray	38.000	40	The Sco	1.8590	7100.0	76	22699	No
256	GOM_NL__2PRFIN20060703_202016_000000392049_00100_22699_9654.N1	03-JUL-2006 20:20:16	Twi_and_stray	38.500	25	35Lam Sco	1.6200	28000.	77	22699	No
257	GOM_NL__2PRFIN20060703_202142_000000472049_00100_22699_9655.N1	03-JUL-2006 20:21:42	Bright	47.000	116	19Del Sgr	2.7000	4100.0	94	22699	No
258	GOM_NL__2PRFIN20060703_202626_000000372049_00100_22699_9656.N1	03-JUL-2006 20:26:26	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	22699	No
259	GOM_NL__2PRFIN20060703_202813_000000352049_00100_22699_9657.N1	03-JUL-2006 20:28:13	Bright	34.500	98	13Zet Oph	2.5710	30000.	69	22699	No
260	GOM_NL__2PRFIN20060703_203159_000000362049_00100_22699_9658.N1	03-JUL-2006 20:31:59	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	22699	No
261	GOM_NL__2PRFIN20060703_203418_000000362049_00100_22699_9659.N1	03-JUL-2006 20:34:18	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	22699	No
262	GOM_NL__2PRFIN20060703_203707_000000362049_00100_22699_9660.N1	03-JUL-2006 20:37:07	Bright	35.500	127	27Bet Her	2.7810	4700.0	71	22699	No
263	GOM_NL__2PRFIN20060703_203949_000000522049_00100_22699_9661.N1	03-JUL-2006 20:39:49	Bright	52.000	133	40Zet Her	2.8070	6000.0	104	22699	No
264	GOM_NL__2PRFIN20060703_204541_000000372049_00100_22699_9662.N1	03-JUL-2006 20:45:41	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	22699	No
265	GOM_NL__2PRFIN20060703_204812_000000362049_00100_22699_9663.N1	03-JUL-2006 20:48:12	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22699	No
266	GOM_NL__2PRFIN20060703_205215_000000362049_00100_22699_9664.N1	03-JUL-2006 20:52:15	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	22699	No
267	GOM_NL__2PRFIN20060703_205622_000000342049_00100_22699_9665.N1	03-JUL-2006 20:56:22	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	22699	No
268	GOM_NL__2PRFIN20060703_211524_000000372049_00100_22699_9666.N1	03-JUL-2006 21:15:24	Twilight	37.000	146	25Eta Tau	2.8730	15200.	74	22699	No
269	GOM_NL__2PRFIN20060703_212550_000000452049_00100_22699_9667.N1	03-JUL-2006 21:25:50	Dark	45.000	165	34Gam Eri	2.9500	3200.0	90	22699	No
270	GOM_NL__2PRFIN20060703_213420_000000402049_00100_22699_9668.N1	03-JUL-2006 21:34:20	Dark	40.000	157	The1Eri	2.9060	9300.0	80	22699	No
271	GOM_NL__2PRFIN20060703_214029_000000522049_00101_22700_9648.N1	03-JUL-2006 21:40:29	Dark	52.000	9	Alp Eri	0.45300	24000.	104	22700	No
272	GOM_NL__2PRFIN20060703_214458_000000372049_00101_22700_9649.N1	03-JUL-2006 21:44:58	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22700	No
273	GOM_NL__2PRFIN20060703_215218_000000402049_00101_22700_9650.N1	03-JUL-2006 21:52:18	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	22700	No
274	GOM_NL__2PRFIN20060703_215555_000000382049_00101_22700_9651.N1	03-JUL-2006 21:55:55	Straylight	37.500	141	Bet Ara	2.8400	4600.0	75	22700	No
275	GOM_NL__2PRFIN20060703_215724_000000382049_00101_22700_9652.N1	03-JUL-2006 21:57:24	Twi_and_stray	38.000	147	Alp Ara	2.8770	26000.	76	22700	No
276	GOM_NL__2PRFIN20060703_215912_000000412049_00101_22700_9653.N1	03-JUL-2006 21:59:12	Twi_and_stray	41.000	40	The Sco	1.8590	7100.0	82	22700	No
277	GOM_NL__2PRFIN20060703_220052_000000412049_00101_22700_9654.N1	03-JUL-2006 22:00:52	Twi_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	22700	No
278	GOM_NL__2PRFIN20060703_220218_000000502049_00101_22700_9655.N1	03-JUL-2006 22:02:18	Bright	49.500	116	19Del Sgr	2.7000	4100.0	99	22700	No

279	GOM_NL__2PRFIN20060703_220702_000000372049_00101_22700_9656.N1	03-JUL-2006 22:07:02	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	22700	No
280	GOM_NL__2PRFIN20060703_220849_000000362049_00101_22700_9657.N1	03-JUL-2006 22:08:49	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	22700	No
281	GOM_NL__2PRFIN20060703_221235_000000362049_00101_22700_9658.N1	03-JUL-2006 22:12:35	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	22700	No
282	GOM_NL__2PRFIN20060703_221454_000000362049_00101_22700_9659.N1	03-JUL-2006 22:14:54	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	22700	No
283	GOM_NL__2PRFIN20060703_221743_000000362049_00101_22700_9660.N1	03-JUL-2006 22:17:43	Bright	35.500	127	27Bet Her	2.7810	4700.0	71	22700	No
284	GOM_NL__2PRFIN20060703_222025_000000362049_00101_22700_9661.N1	03-JUL-2006 22:20:25	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	22700	No
285	GOM_NL__2PRFIN20060703_222617_000000362049_00101_22700_9662.N1	03-JUL-2006 22:26:17	Bright	36.000	130	23Bet Dra	2.7990	5800.0	72	22700	No
286	GOM_NL__2PRFIN20060703_222848_000000372049_00101_22700_9663.N1	03-JUL-2006 22:28:48	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	22700	No
287	GOM_NL__2PRFIN20060703_223251_000000362049_00101_22700_9664.N1	03-JUL-2006 22:32:51	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	22700	No
288	GOM_NL__2PRFIN20060703_223658_000000362049_00101_22700_9665.N1	03-JUL-2006 22:36:58	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	22700	No
289	GOM_NL__2PRFIN20060703_225115_000000352049_00101_22700_9666.N1	03-JUL-2006 22:51:15	Bright	35.000	149	45Eps Per	2.8880	30000.	70	22700	No
290	GOM_NL__2PRFIN20060703_225600_000000412049_00101_22700_9667.N1	03-JUL-2006 22:56:00	Twilight	40.500	146	25Eta Tau	2.8730	15200.	81	22700	No
291	GOM_NL__2PRFIN20060703_230626_000000402049_00101_22700_9668.N1	03-JUL-2006 23:06:26	Dark	40.000	165	34Gam Eri	2.9500	3200.0	80	22700	No
292	GOM_NL__2PRFIN20060703_232534_000000372049_00102_22701_9648.N1	03-JUL-2006 23:25:34	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22701	No
293	GOM_NL__2PRFIN20060703_233254_000000412049_00102_22701_9649.N1	03-JUL-2006 23:32:54	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	22701	No
294	GOM_NL__2PRFIN20060703_233631_000000402049_00102_22701_9650.N1	03-JUL-2006 23:36:31	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	22701	No
295	GOM_NL__2PRFIN20060703_233800_000000382049_00102_22701_9651.N1	03-JUL-2006 23:38:00	Tw_i_and_stray	38.000	147	Alp Ara	2.8770	26000.	76	22701	No
296	GOM_NL__2PRFIN20060703_233949_000000442049_00102_22701_9652.N1	03-JUL-2006 23:39:49	Tw_i_and_stray	43.500	40	The Sco	1.8590	7100.0	87	22701	No
297	GOM_NL__2PRFIN20060703_234128_000000412049_00102_22701_9653.N1	03-JUL-2006 23:41:28	Tw_i_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	22701	No
298	GOM_NL__2PRFIN20060703_234254_000000452049_00102_22701_9654.N1	03-JUL-2006 23:42:54	Bright	44.500	116	19Del Sgr	2.7000	4100.0	89	22701	No
299	GOM_NL__2PRFIN20060703_234738_000000362049_00102_22701_9655.N1	03-JUL-2006 23:47:38	Bright	35.500	86	35Eta Oph	2.4300	10200.	71	22701	No
300	GOM_NL__2PRFIN20060703_234925_000000362049_00102_22701_9656.N1	03-JUL-2006 23:49:25	Bright	35.500	98	13Zet Oph	2.5710	30000.	71	22701	No
301	GOM_NL__2PRFIN20060703_235311_000000362049_00102_22701_9657.N1	03-JUL-2006 23:53:11	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	22701	No
302	GOM_NL__2PRFIN20060703_235530_000000362049_00102_22701_9658.N1	03-JUL-2006 23:55:30	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	22701	No
303	GOM_NL__2PRFIN20060703_235820_000000382049_00102_22701_9659.N1	03-JUL-2006 23:58:20	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	22701	No

3. Quality information per product

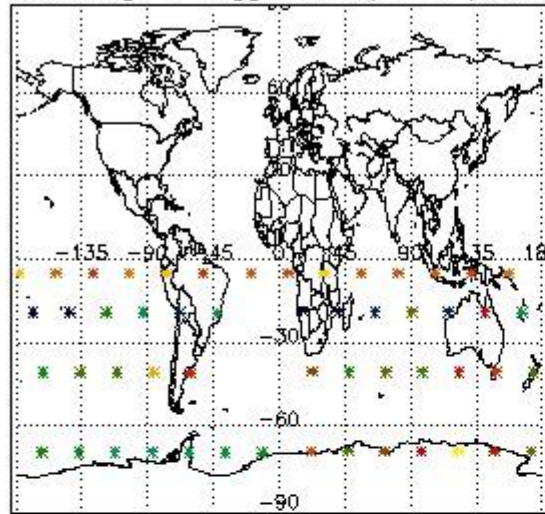
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

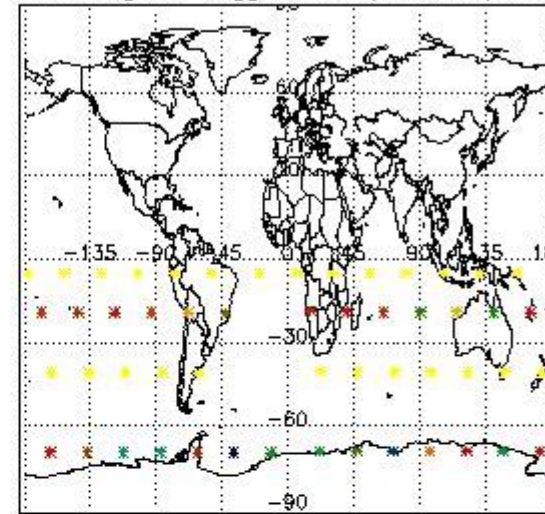


3.2 Plot quality information per product (world map)

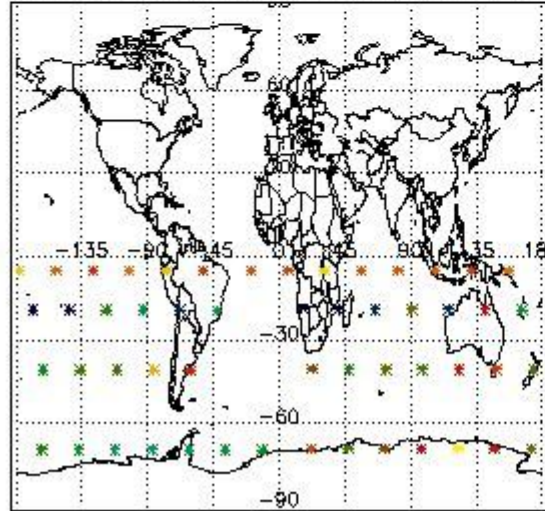
Percentage of flagged data per O3 profile



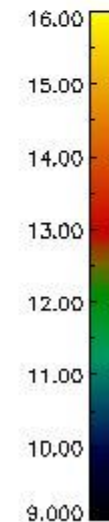
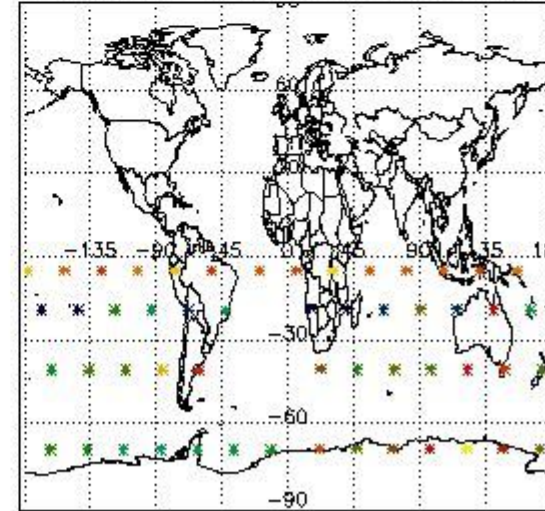
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

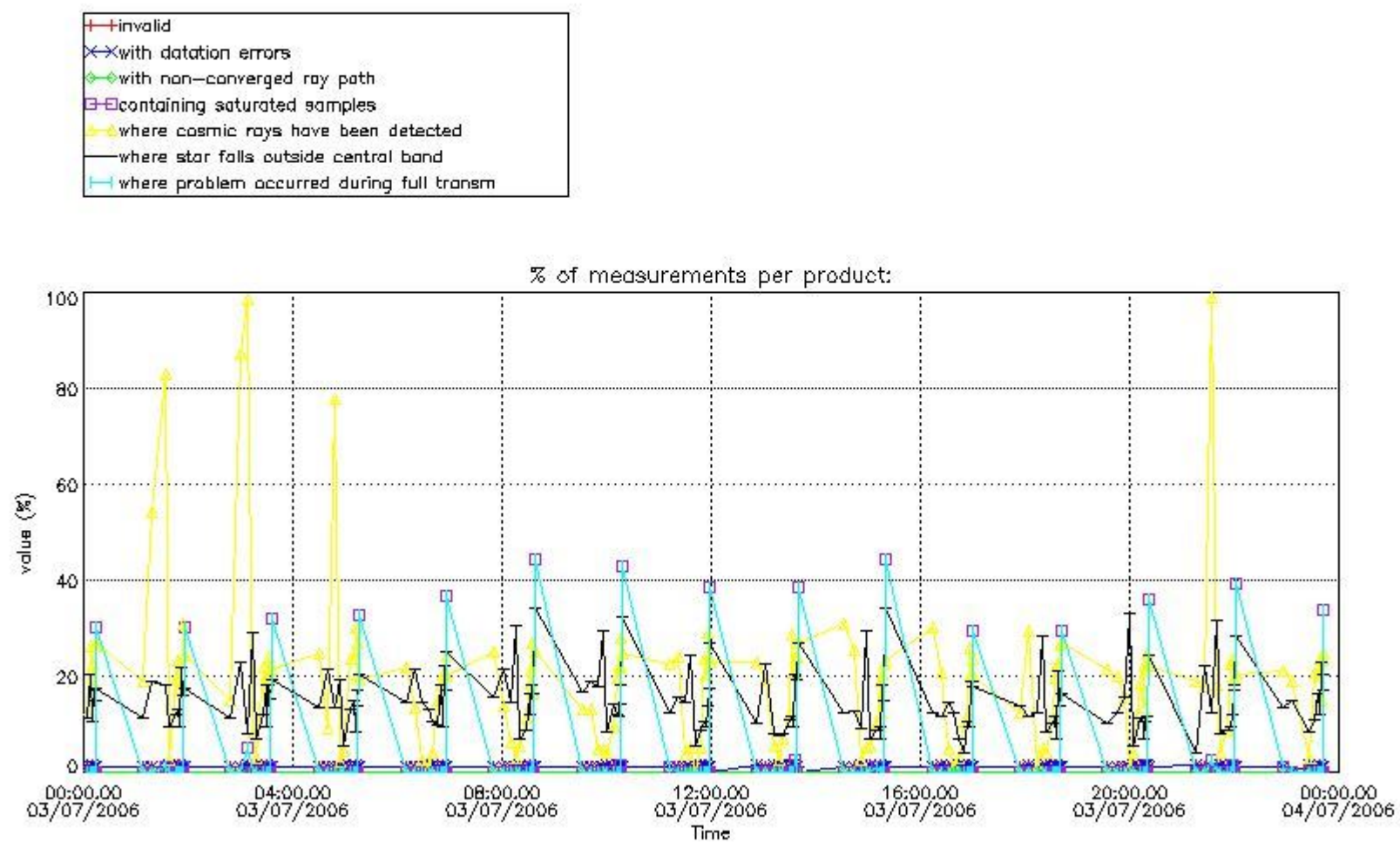


4. Level 1 quality information per product

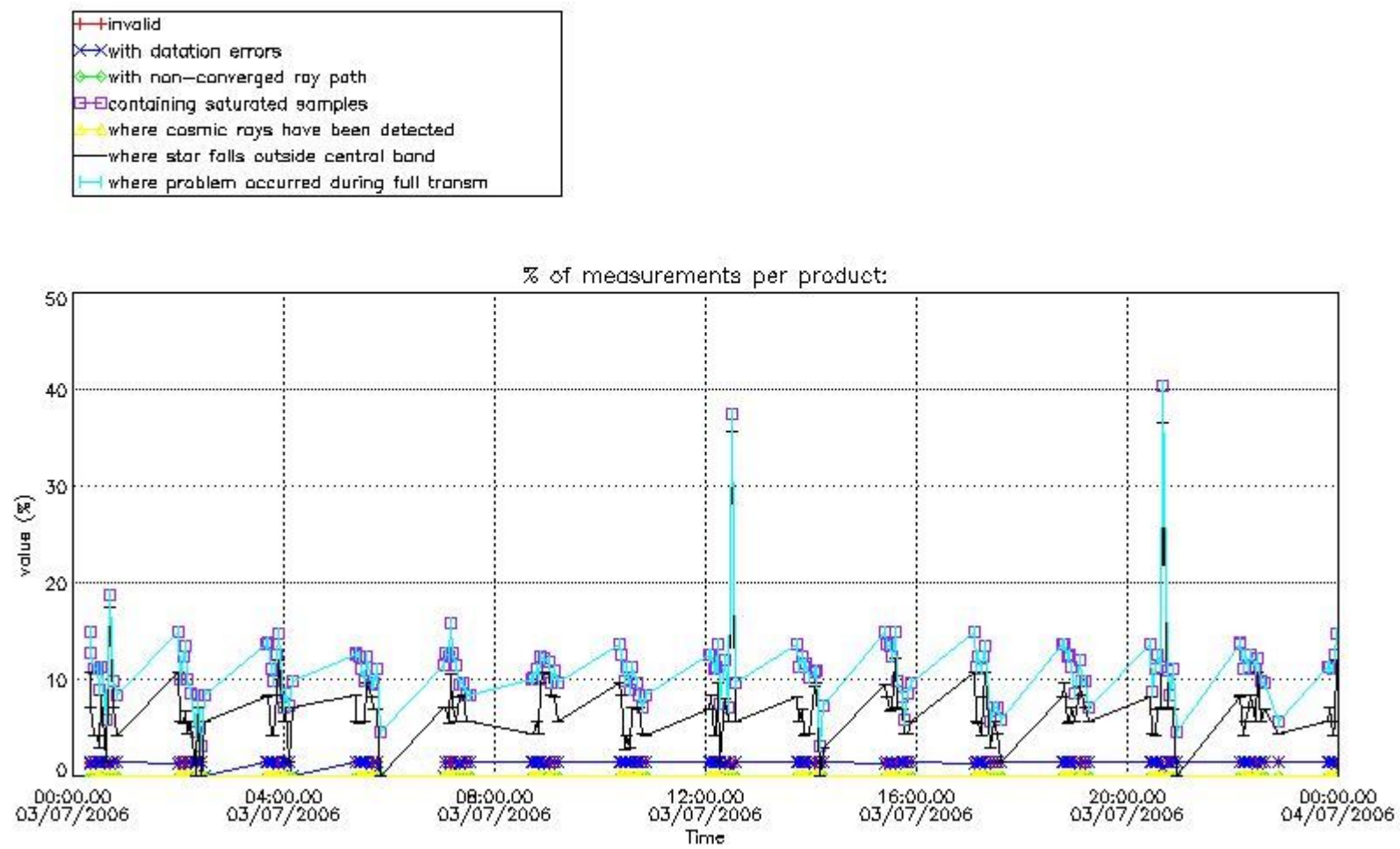
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



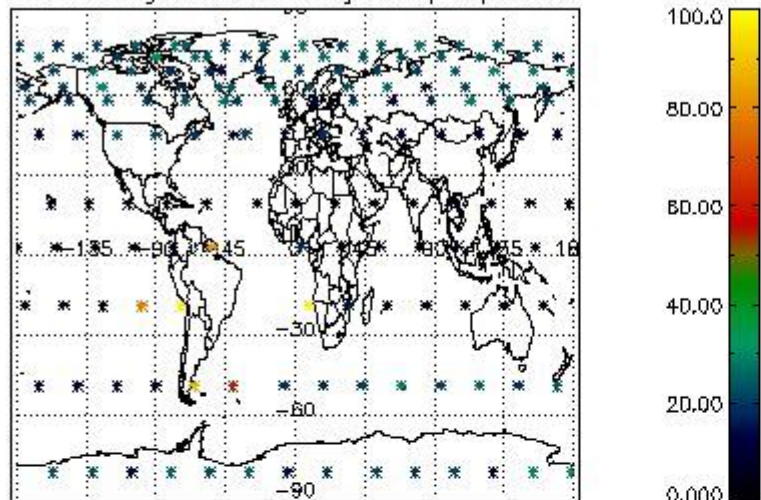
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



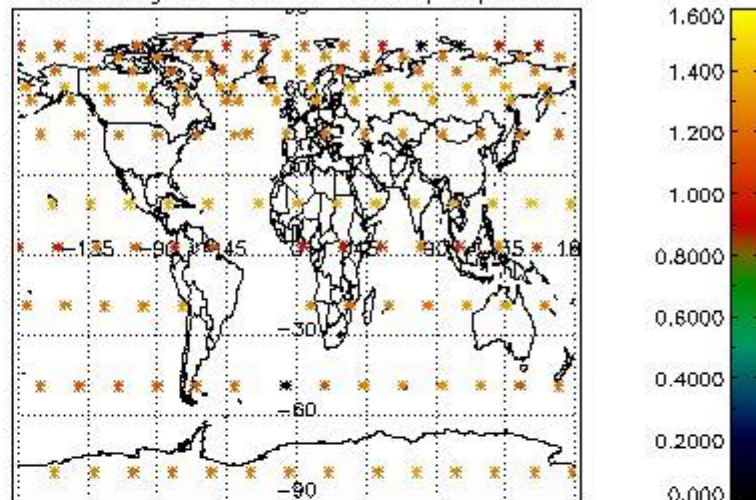
4.2 Plot quality information per product coming from level 1b processing (world map)

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

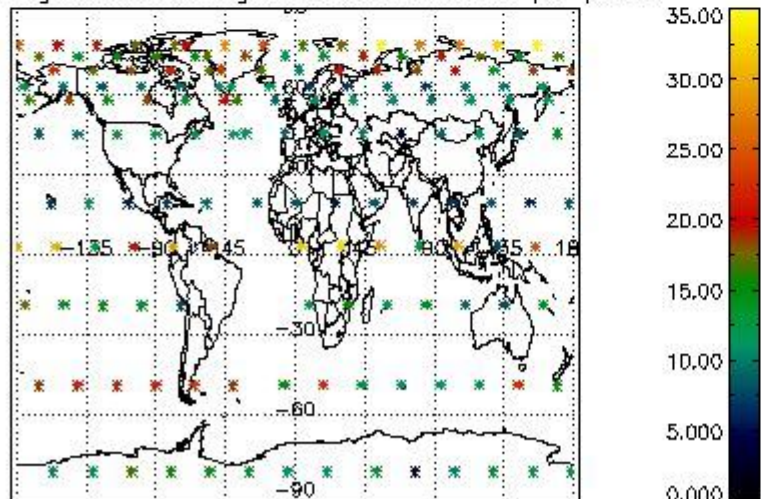
Percentage of cosmic ray hits per profile



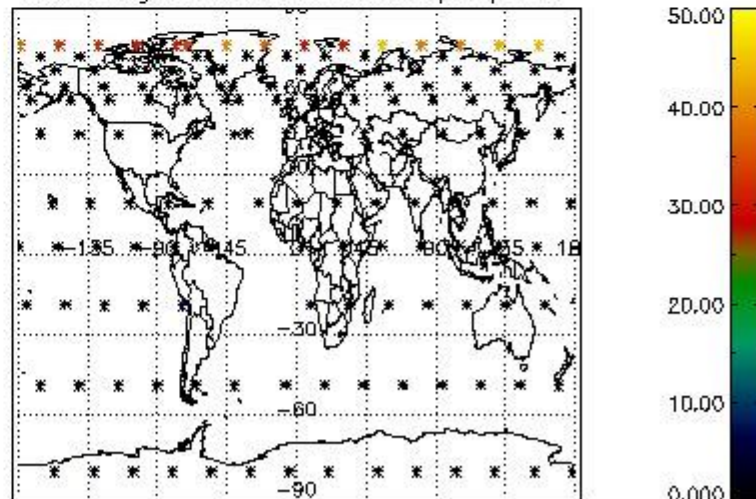
Percentage of datation errors per profile



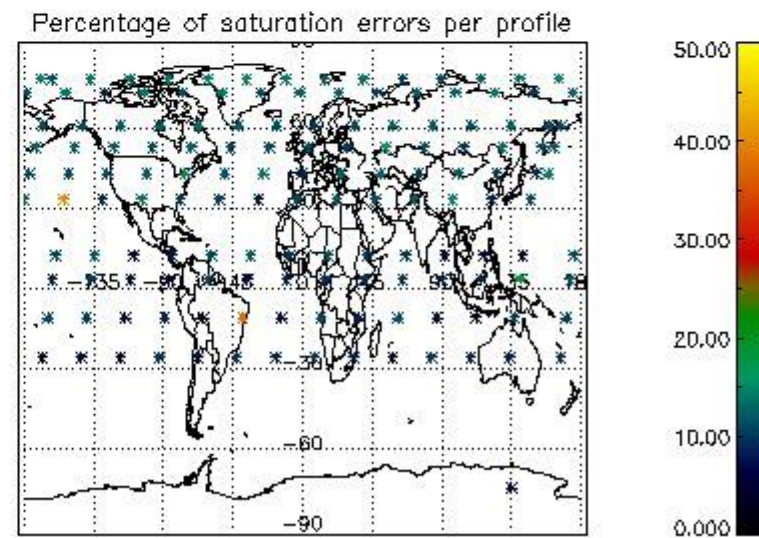
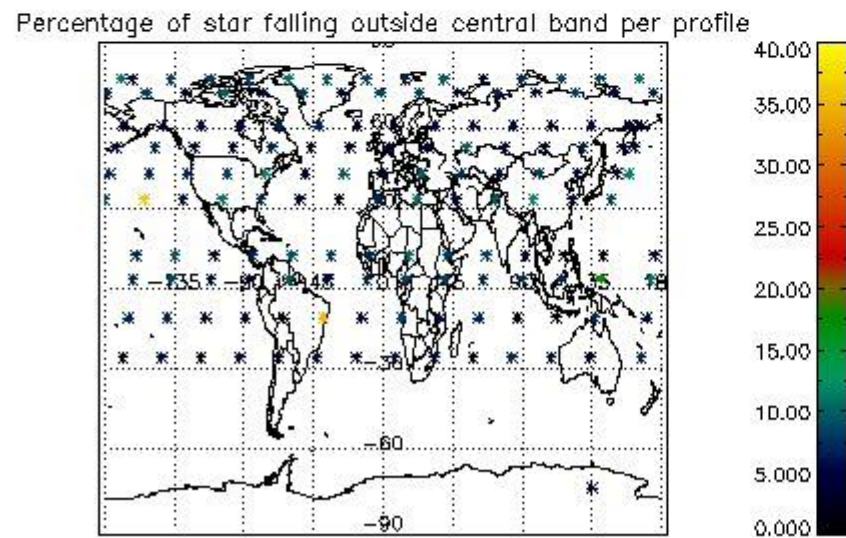
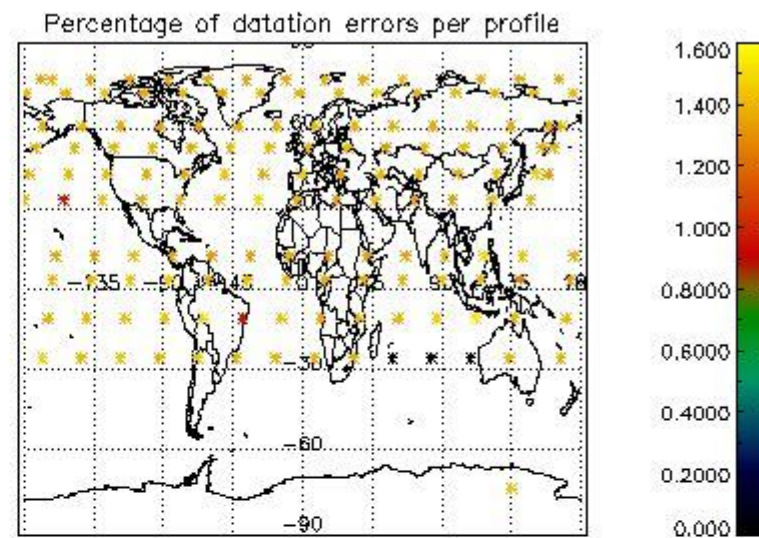
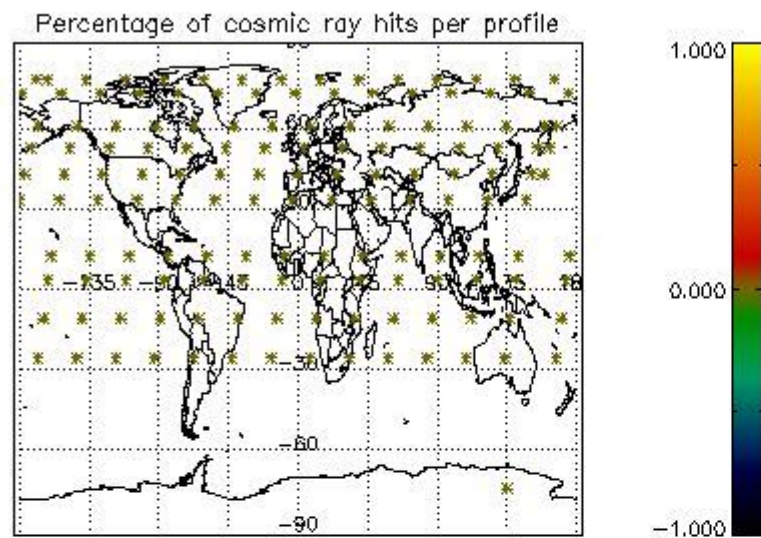
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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

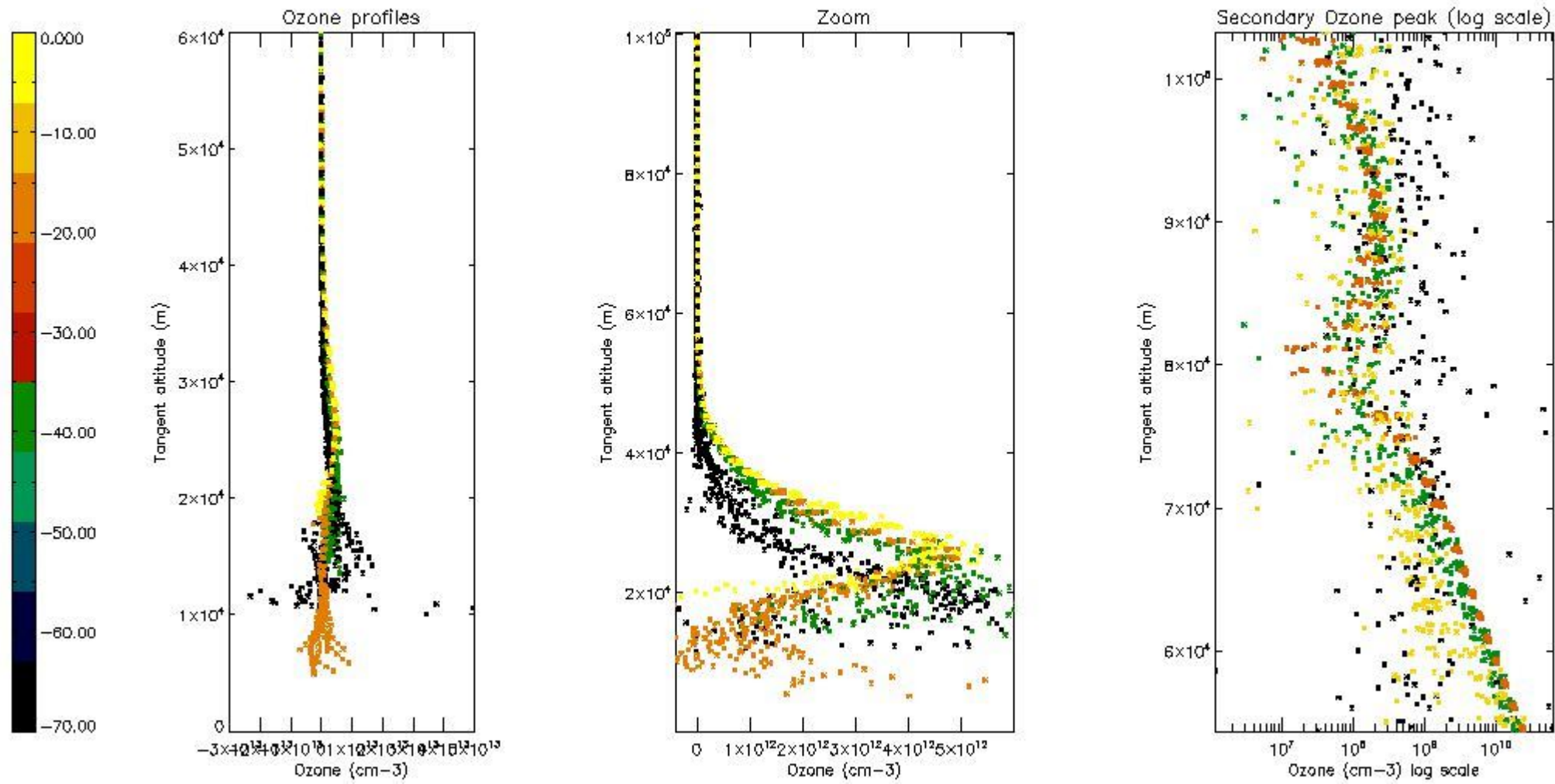
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

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

STD < 10	6
STD < 5	3

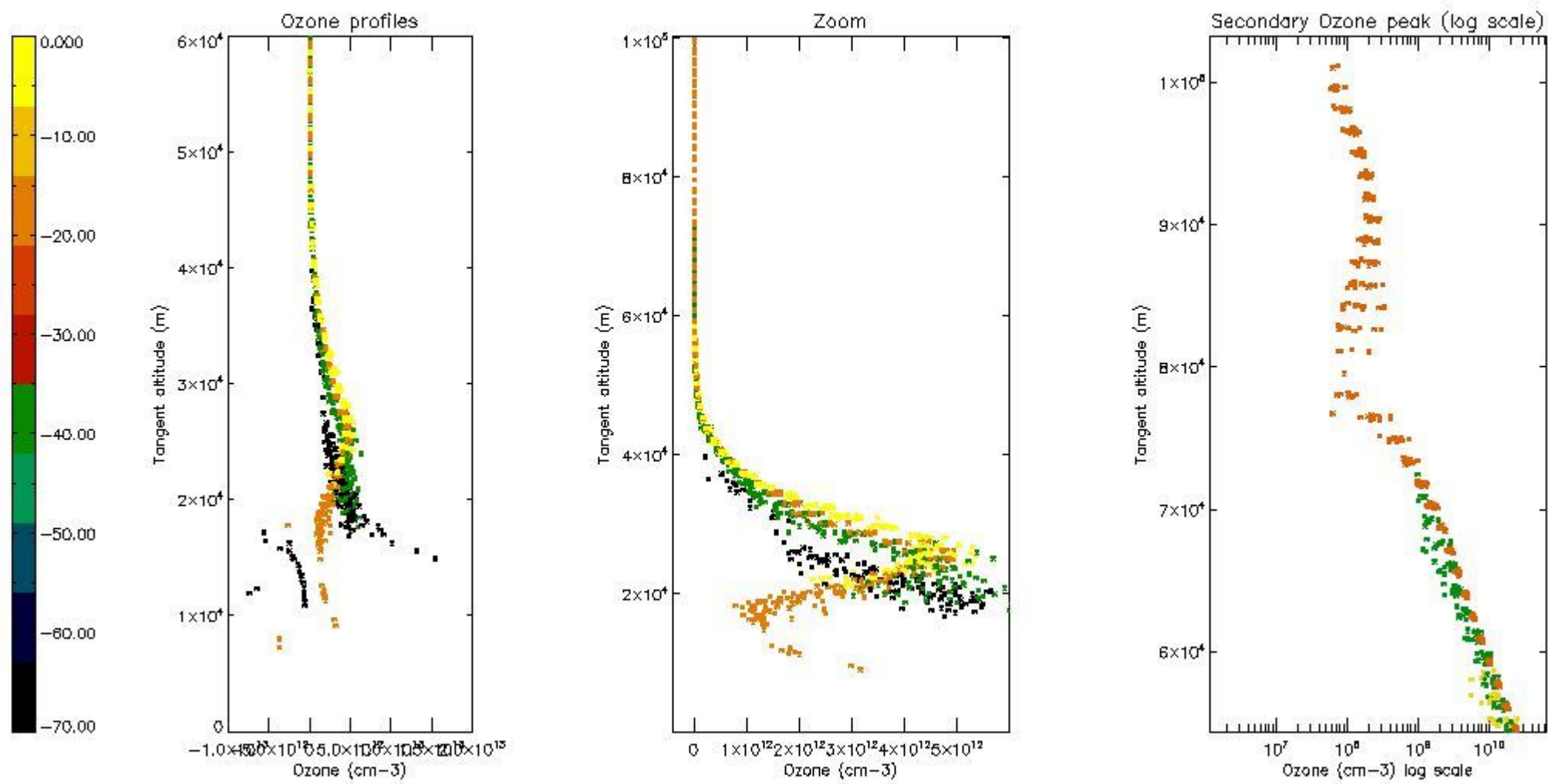
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



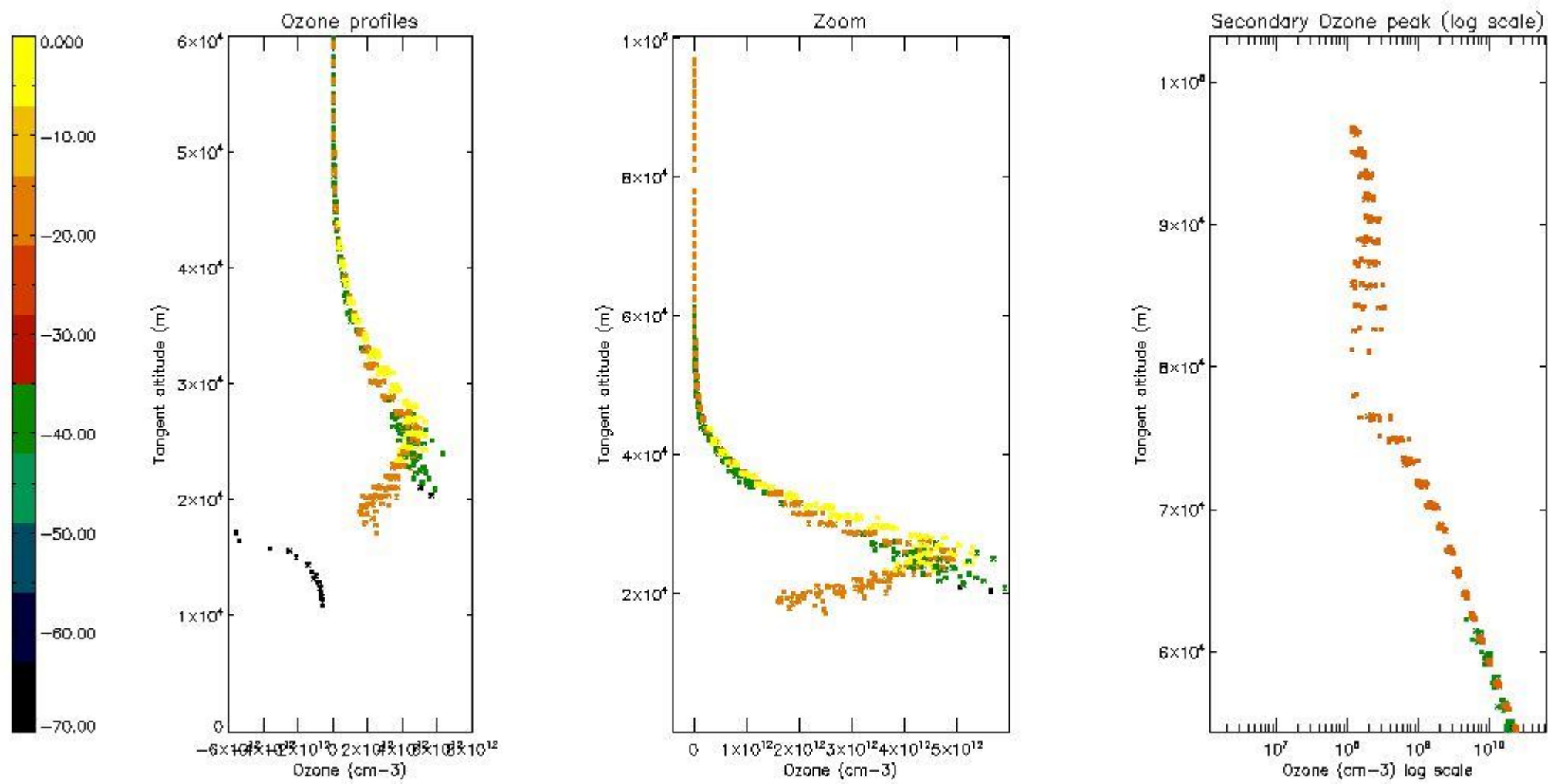
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



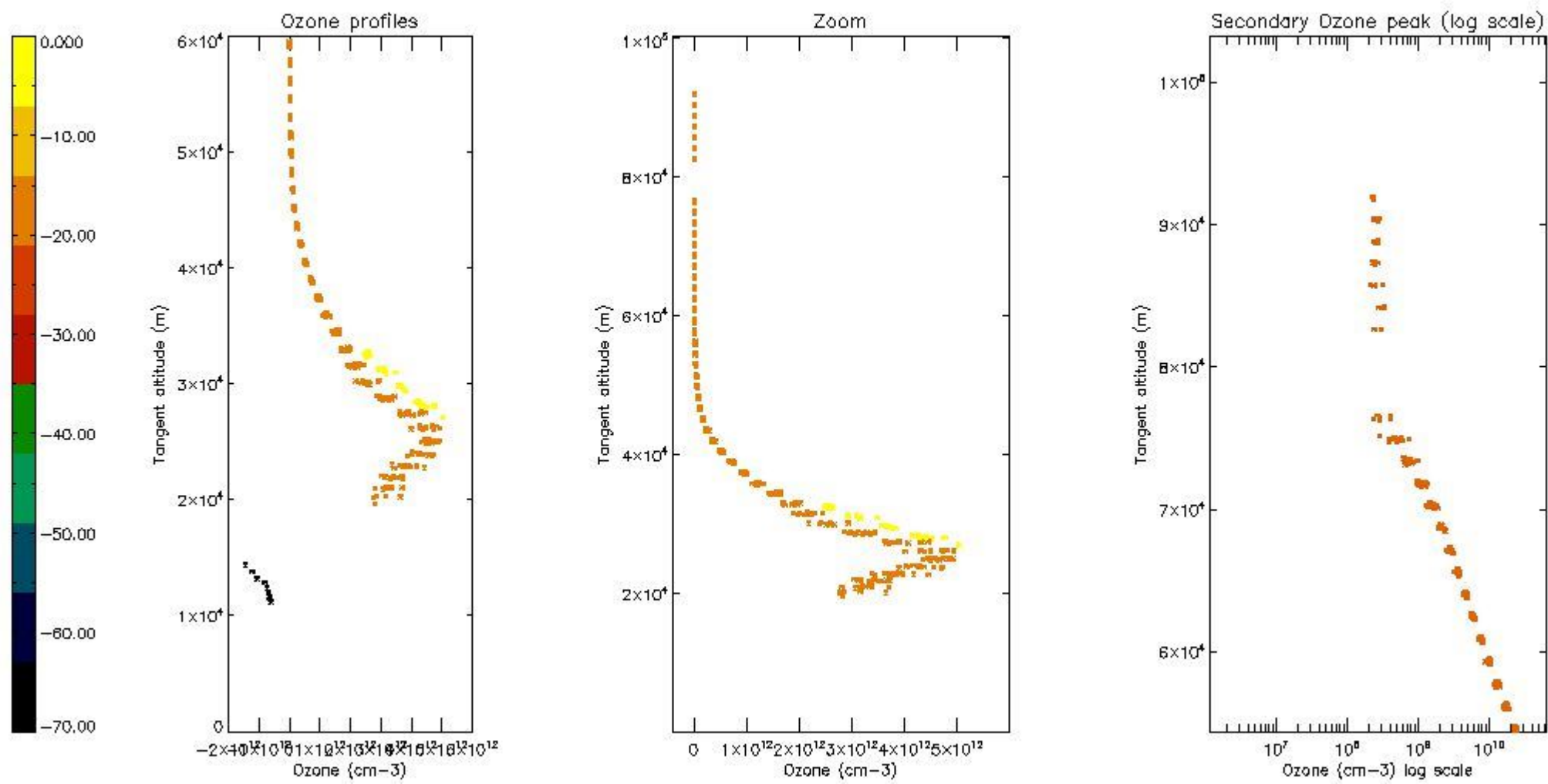
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



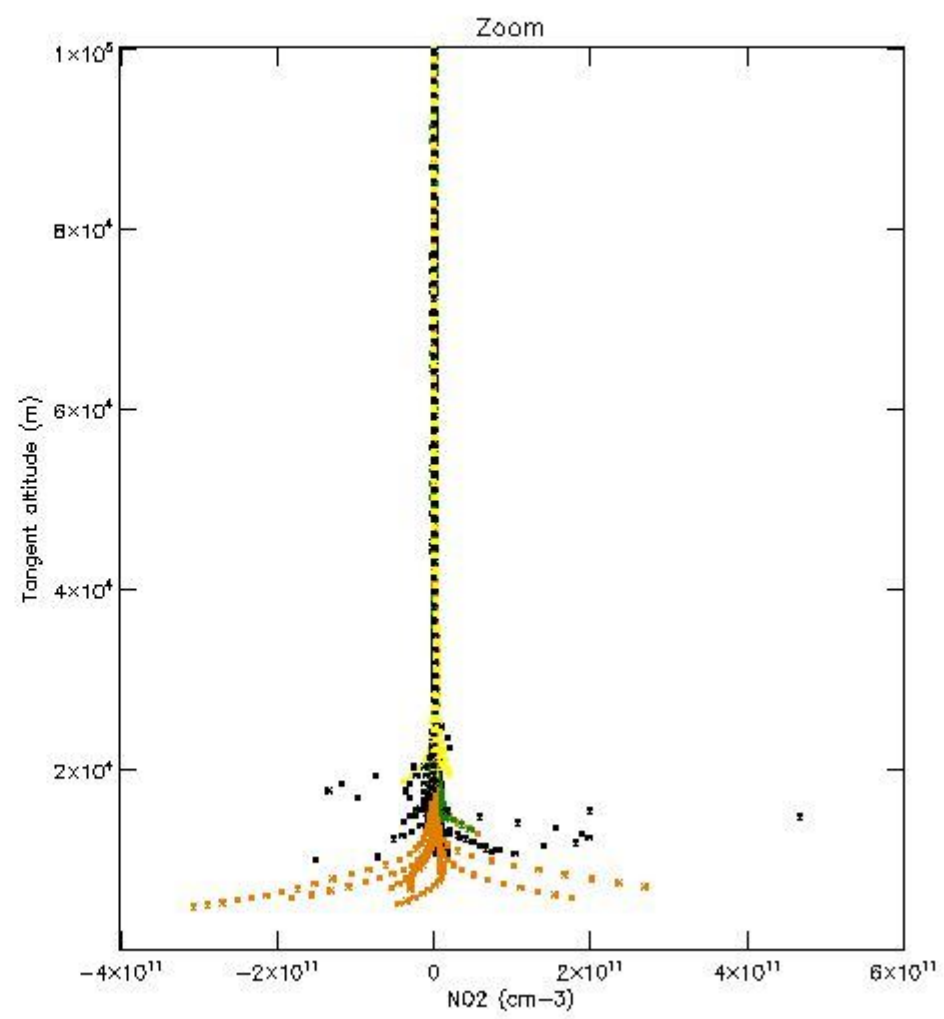
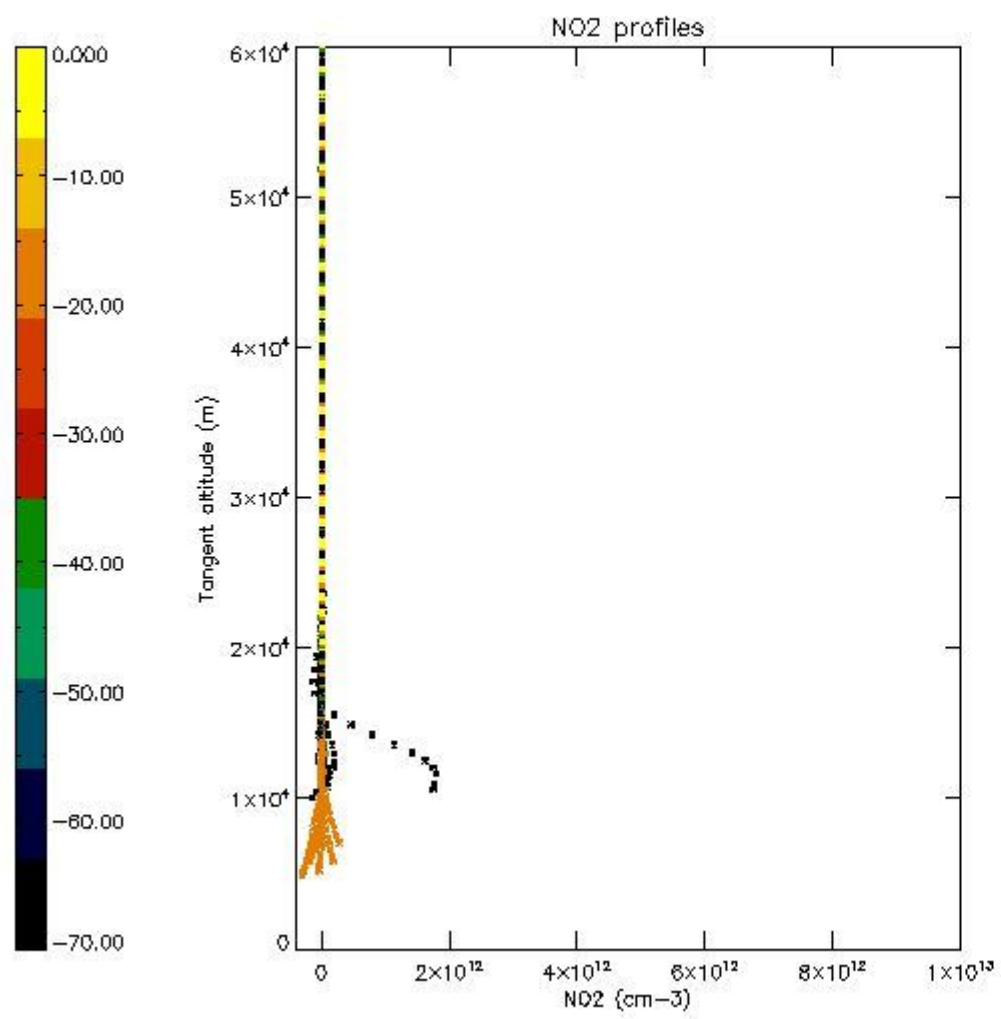
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



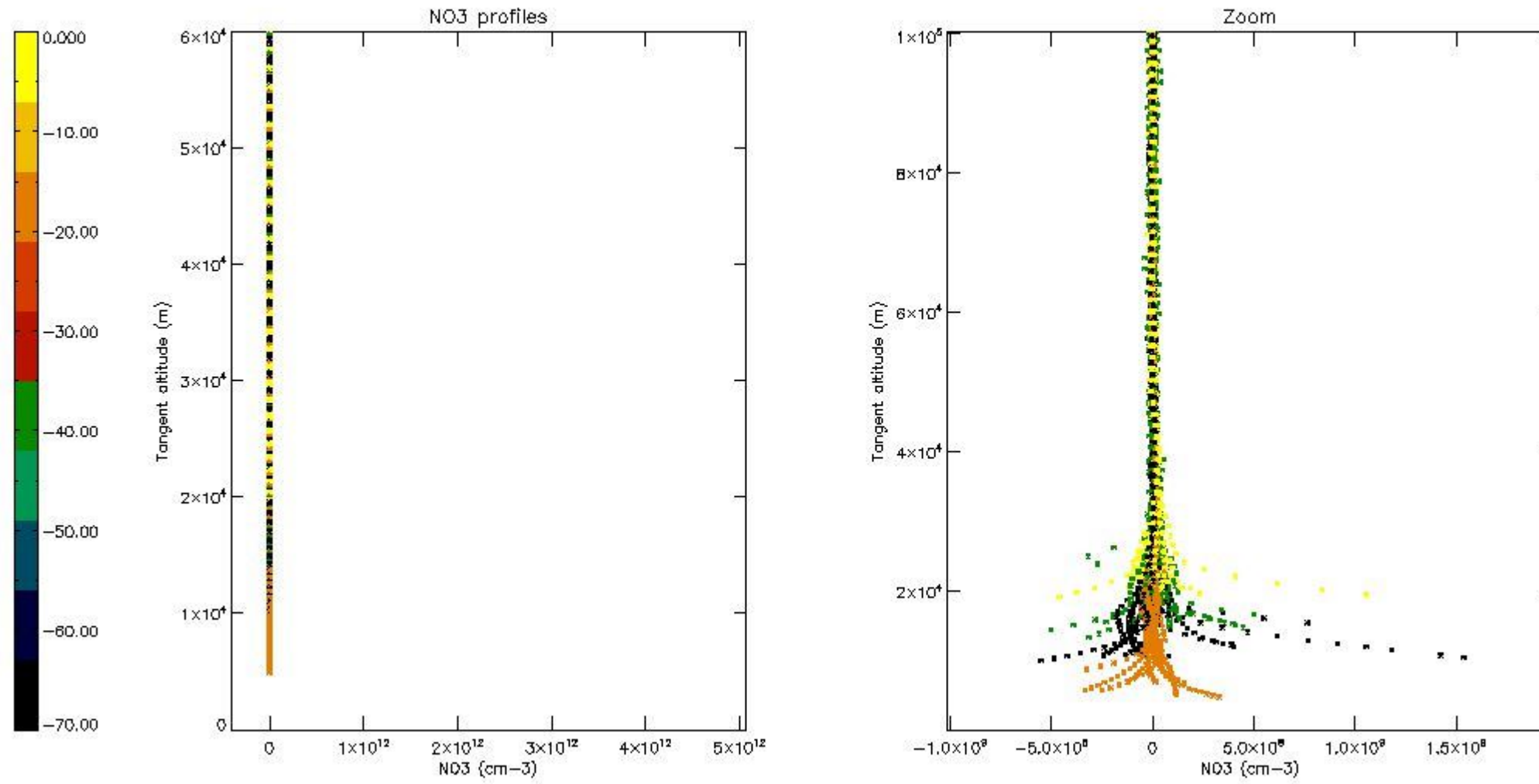
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

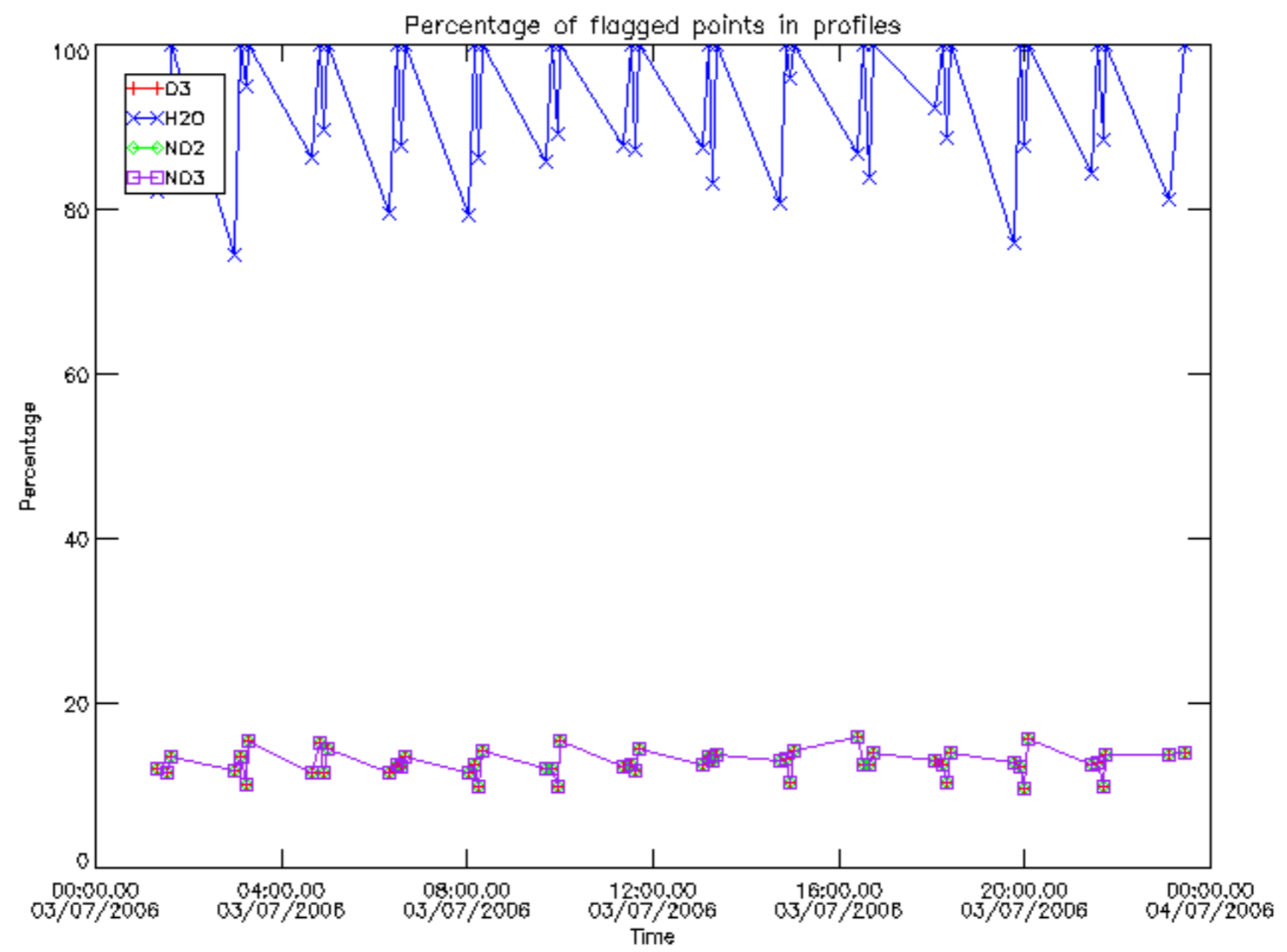
The colorbar represents the latitude.



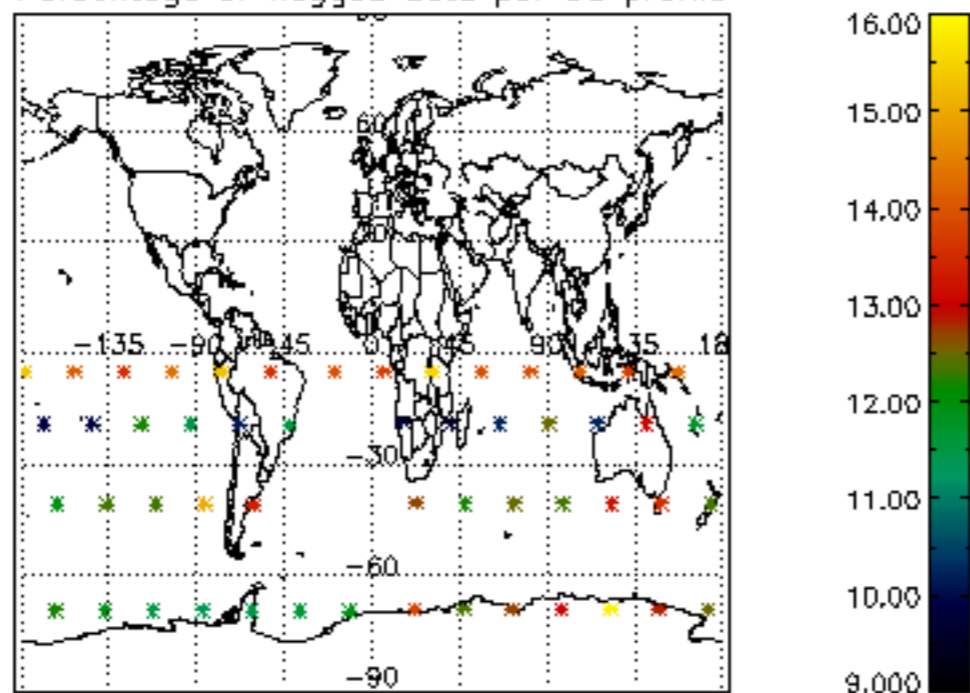
6. Auxiliary Data Files used for the production reported in section 2

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.

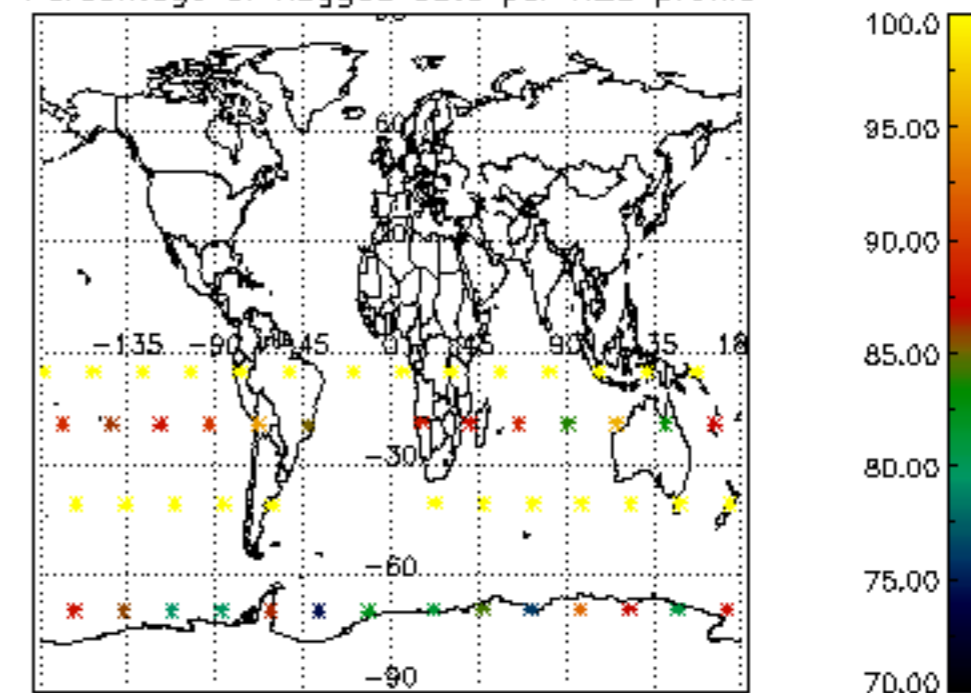
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	03-JUL-2006 00:04:24
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	03-JUL-2006 00:04:24
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	03-JUL-2006 00:04:24



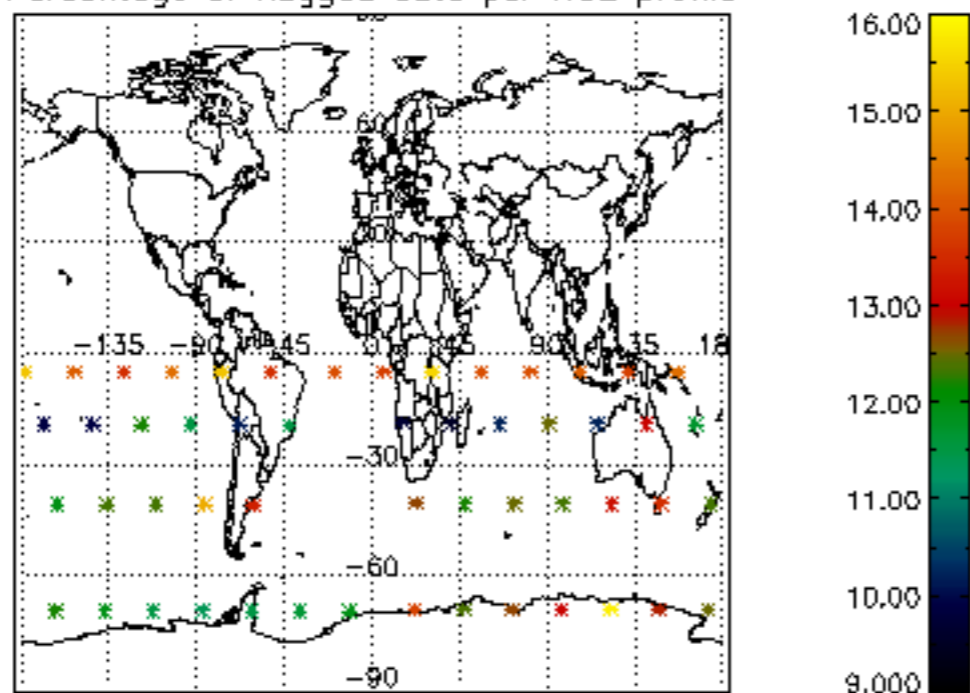
Percentage of flagged data per D3 profile



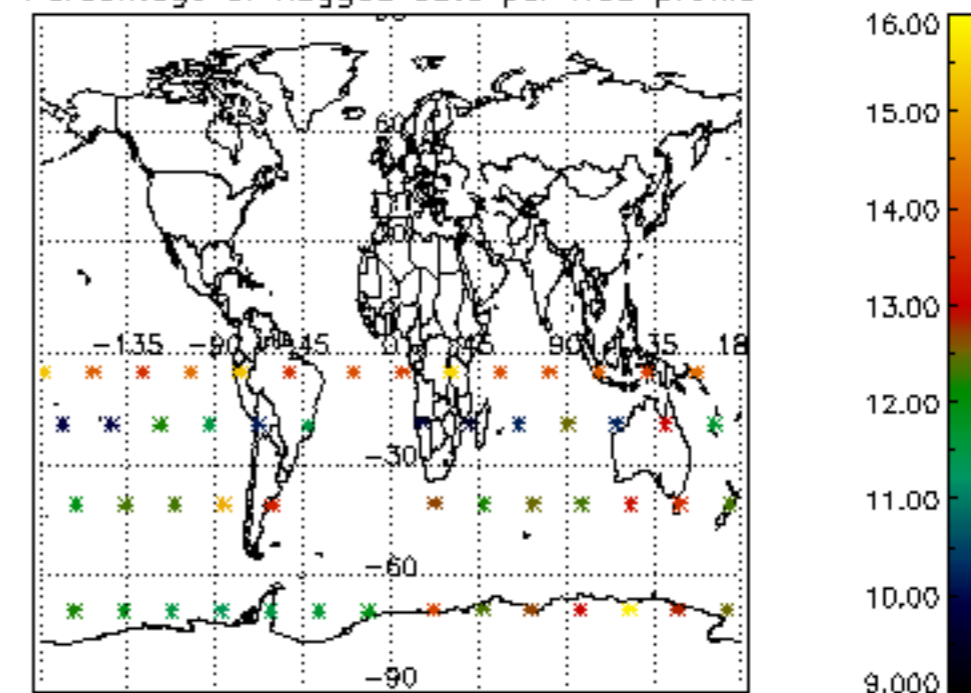
Percentage of flagged data per H2O profile

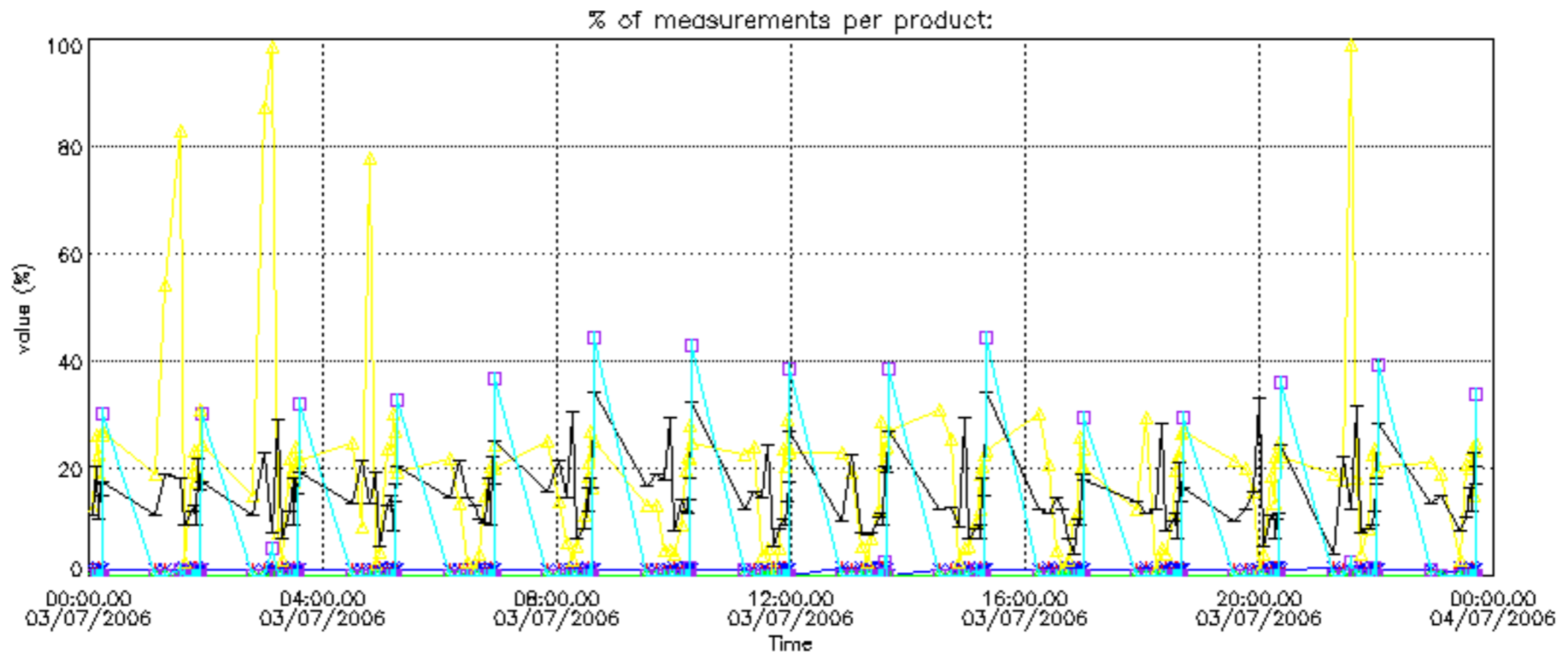


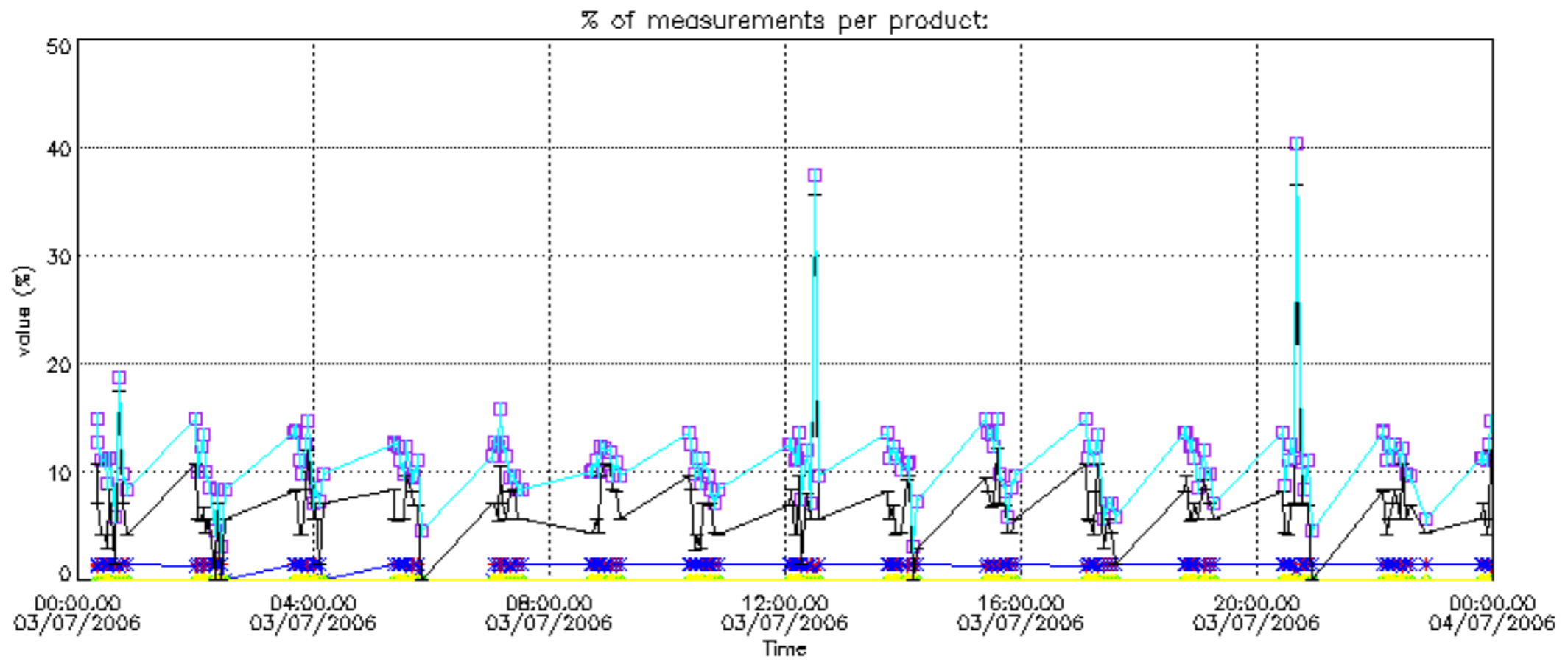
Percentage of flagged data per NO2 profile



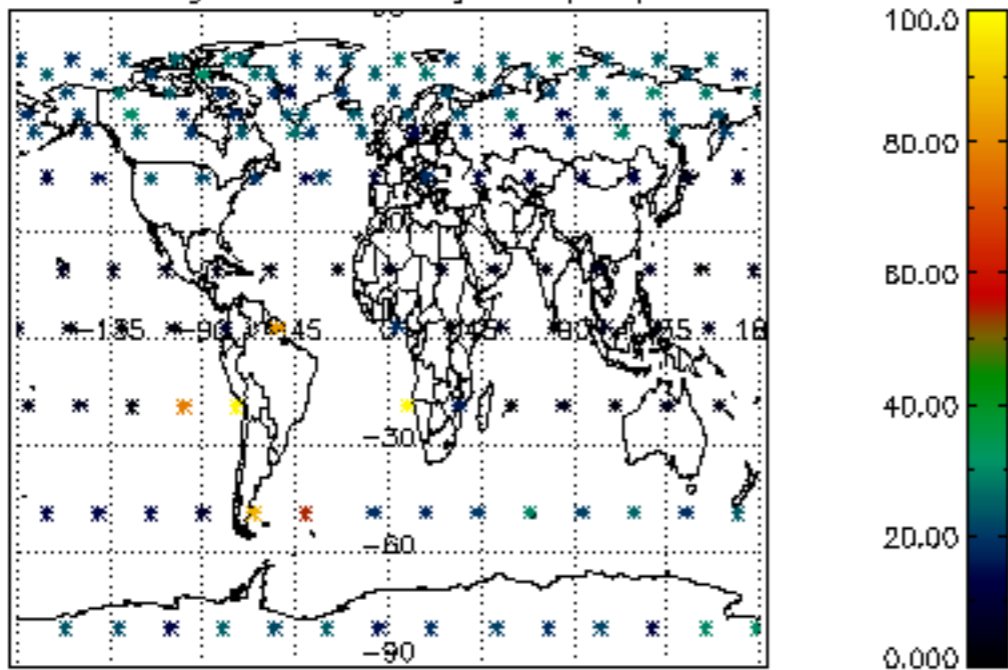
Percentage of flagged data per NO3 profile



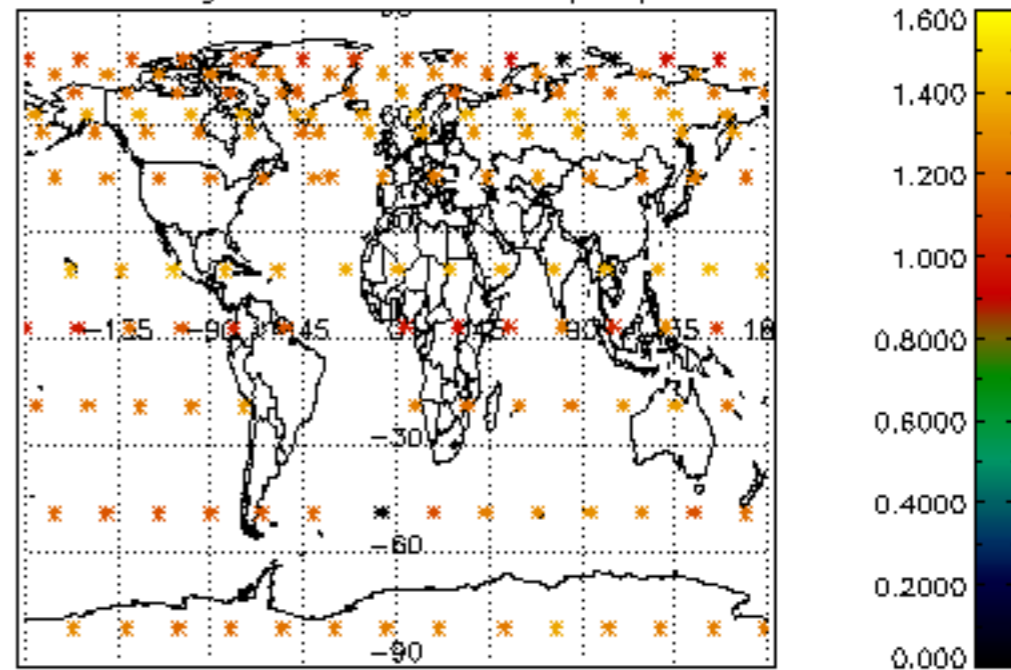




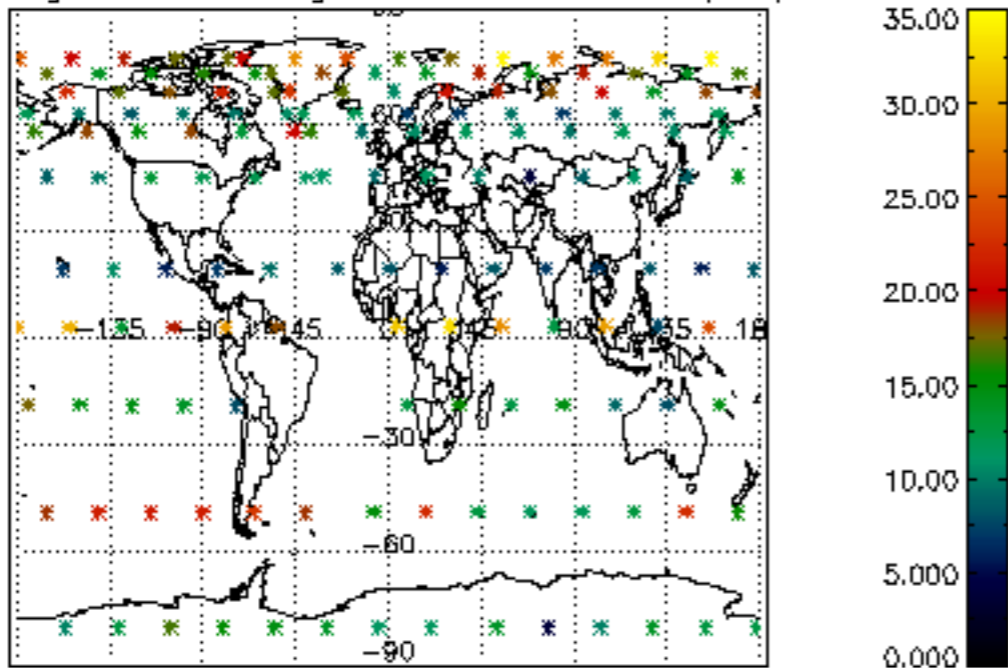
Percentage of cosmic ray hits per profile



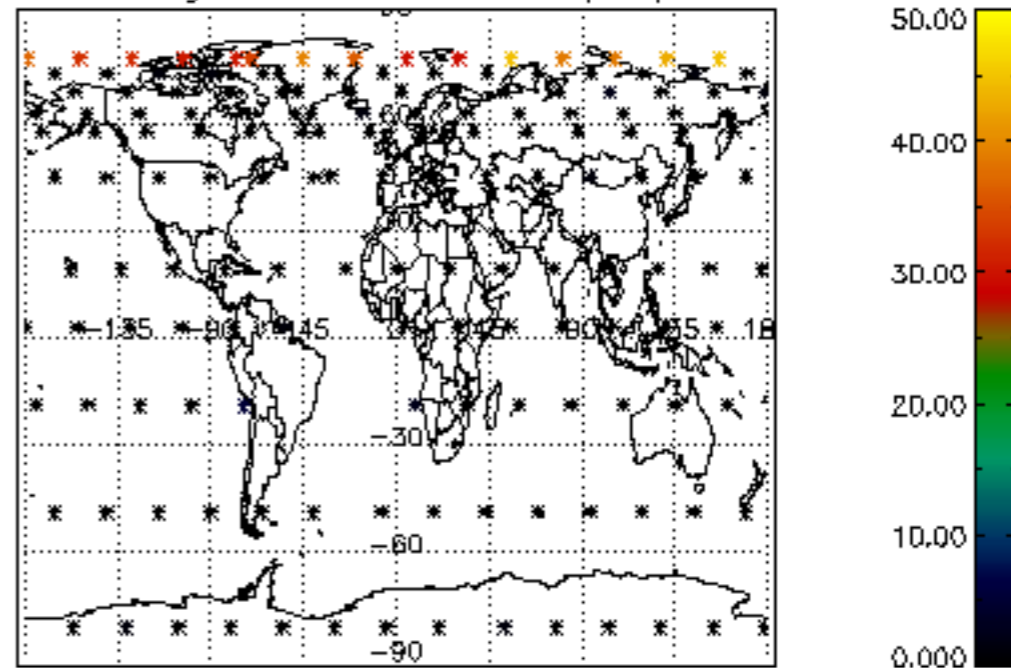
Percentage of datation errors per profile



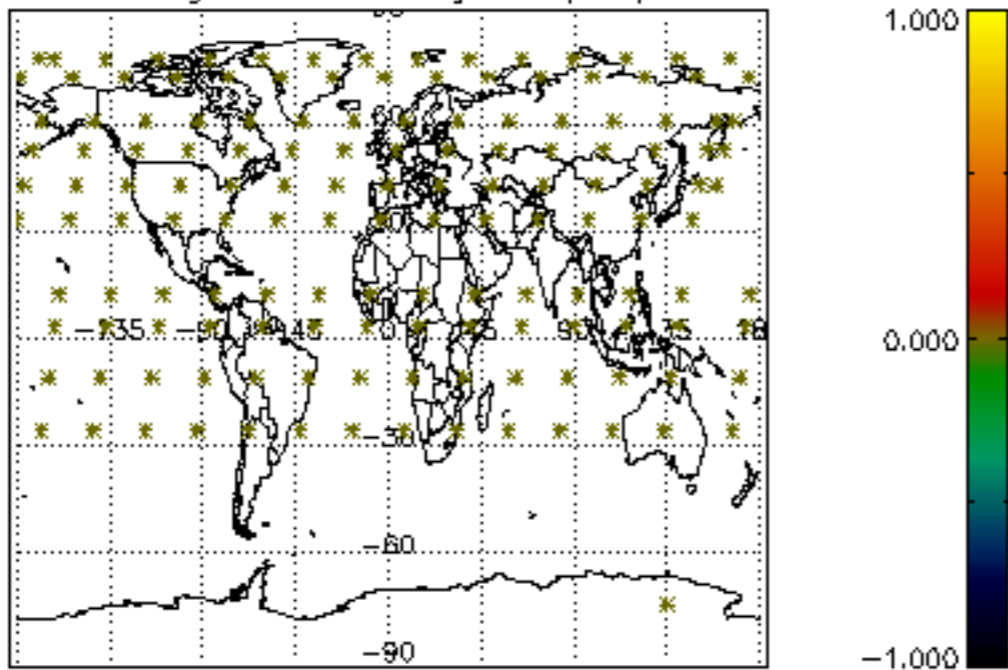
Percentage of star falling outside central band per profile



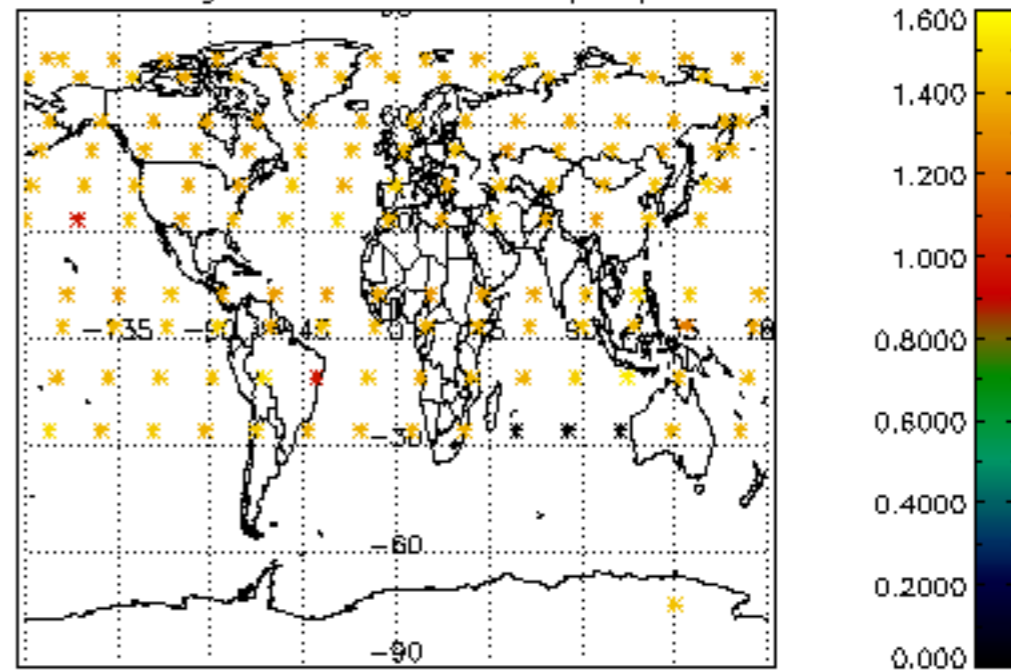
Percentage of saturation errors per profile



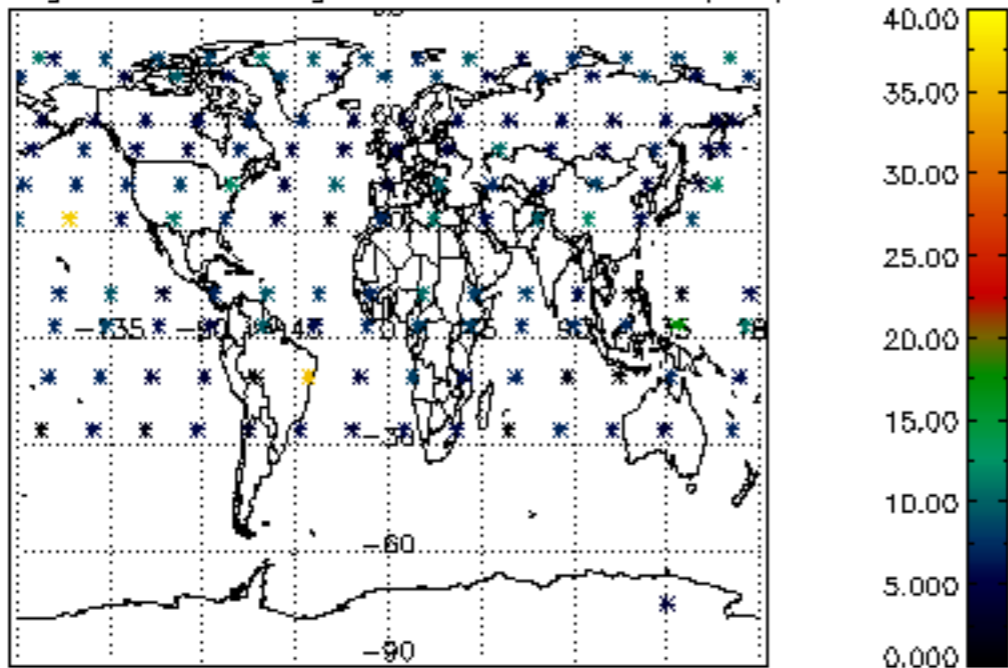
Percentage of cosmic ray hits per profile



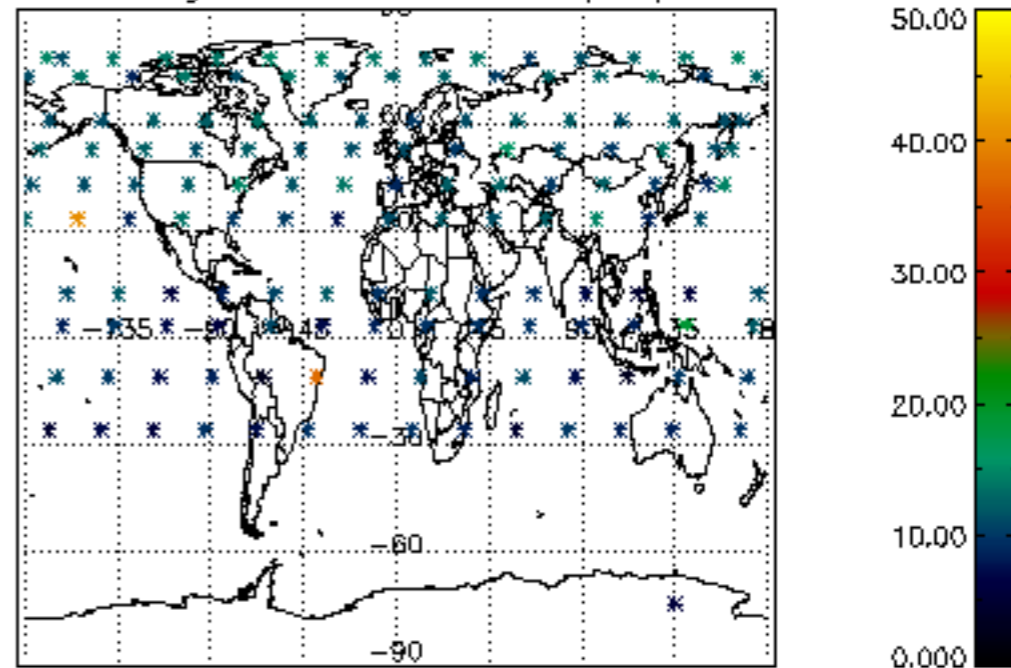
Percentage of datation errors per profile

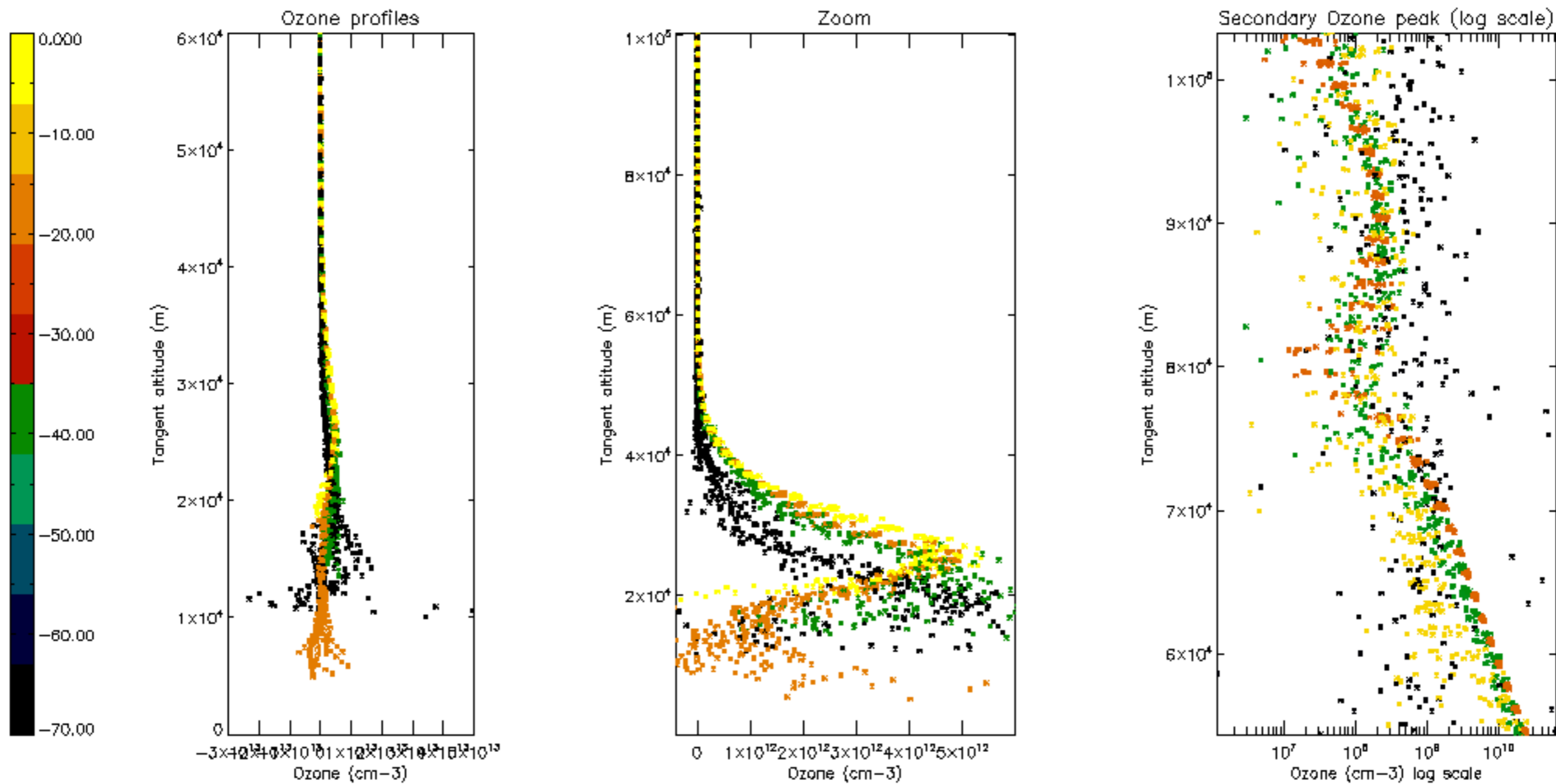


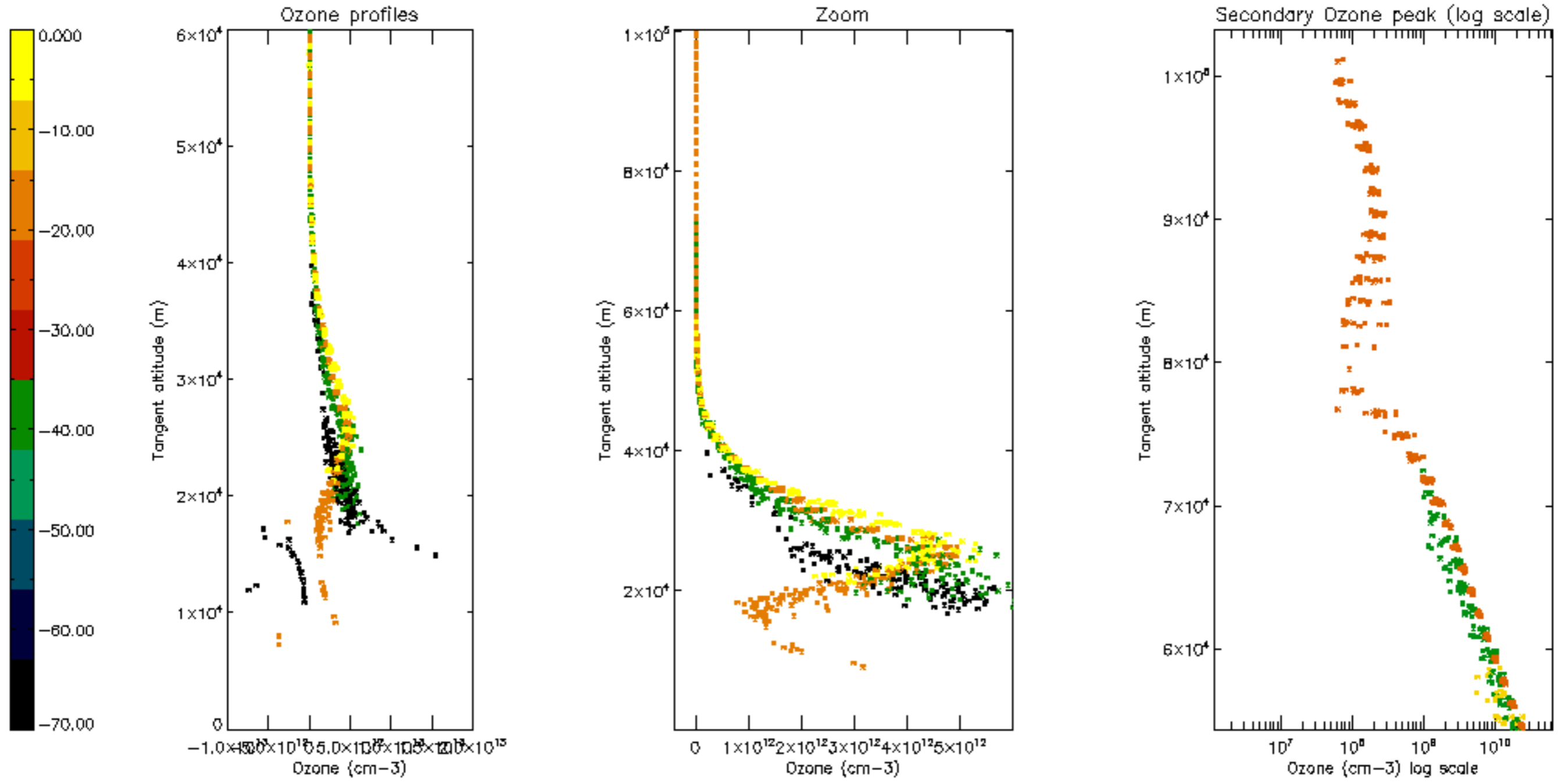
Percentage of star falling outside central band per profile

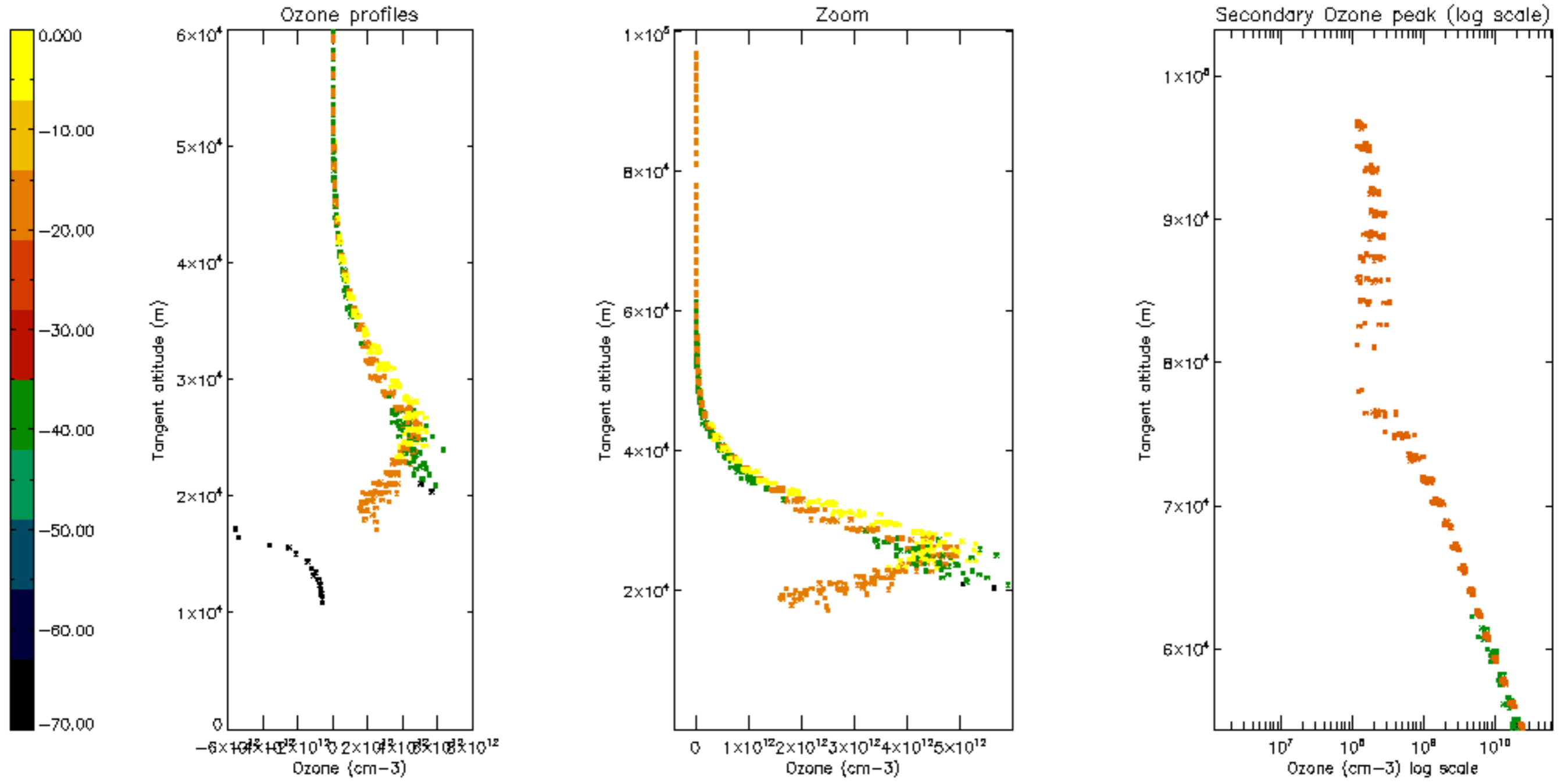


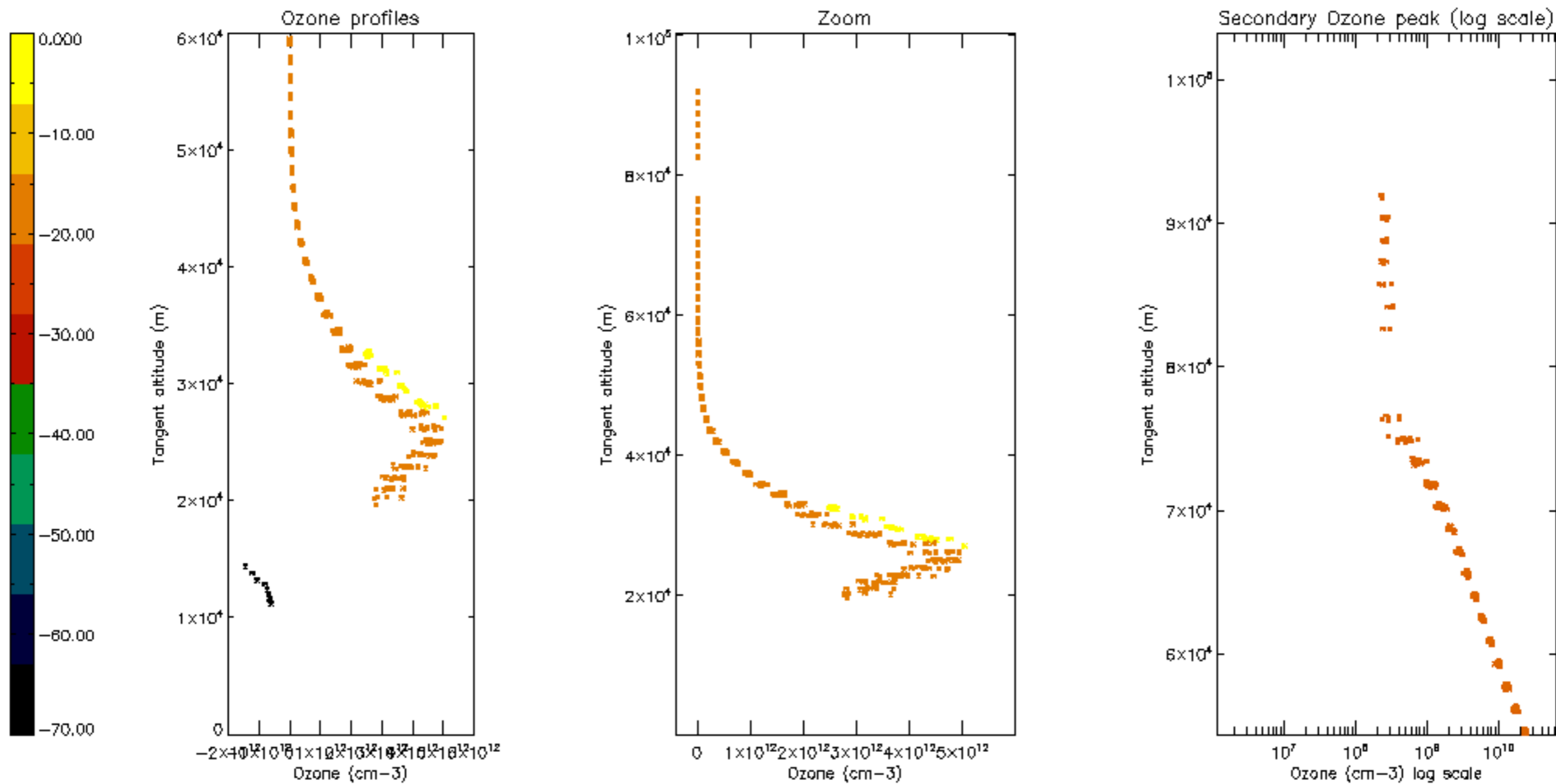
Percentage of saturation errors per profile

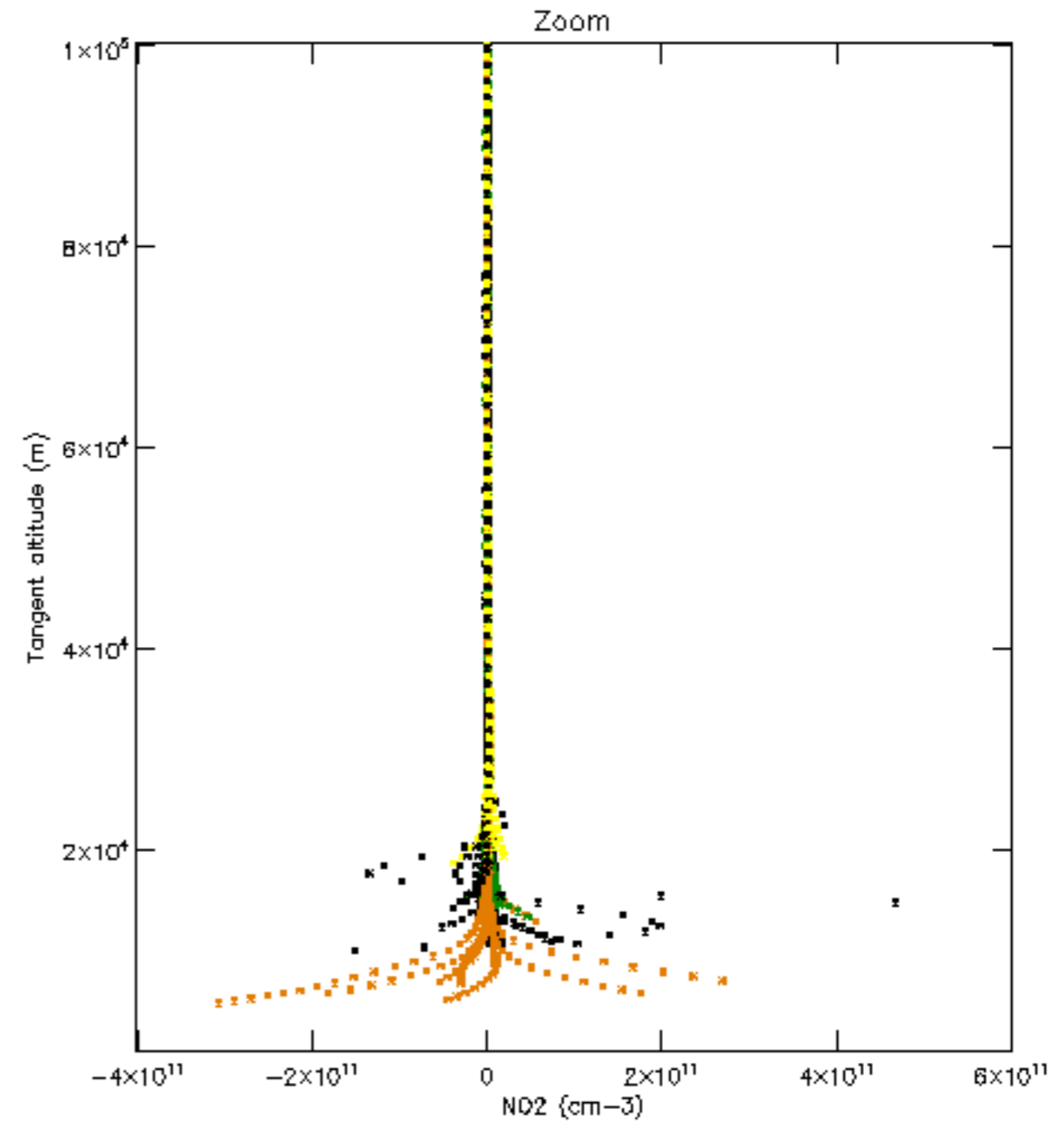
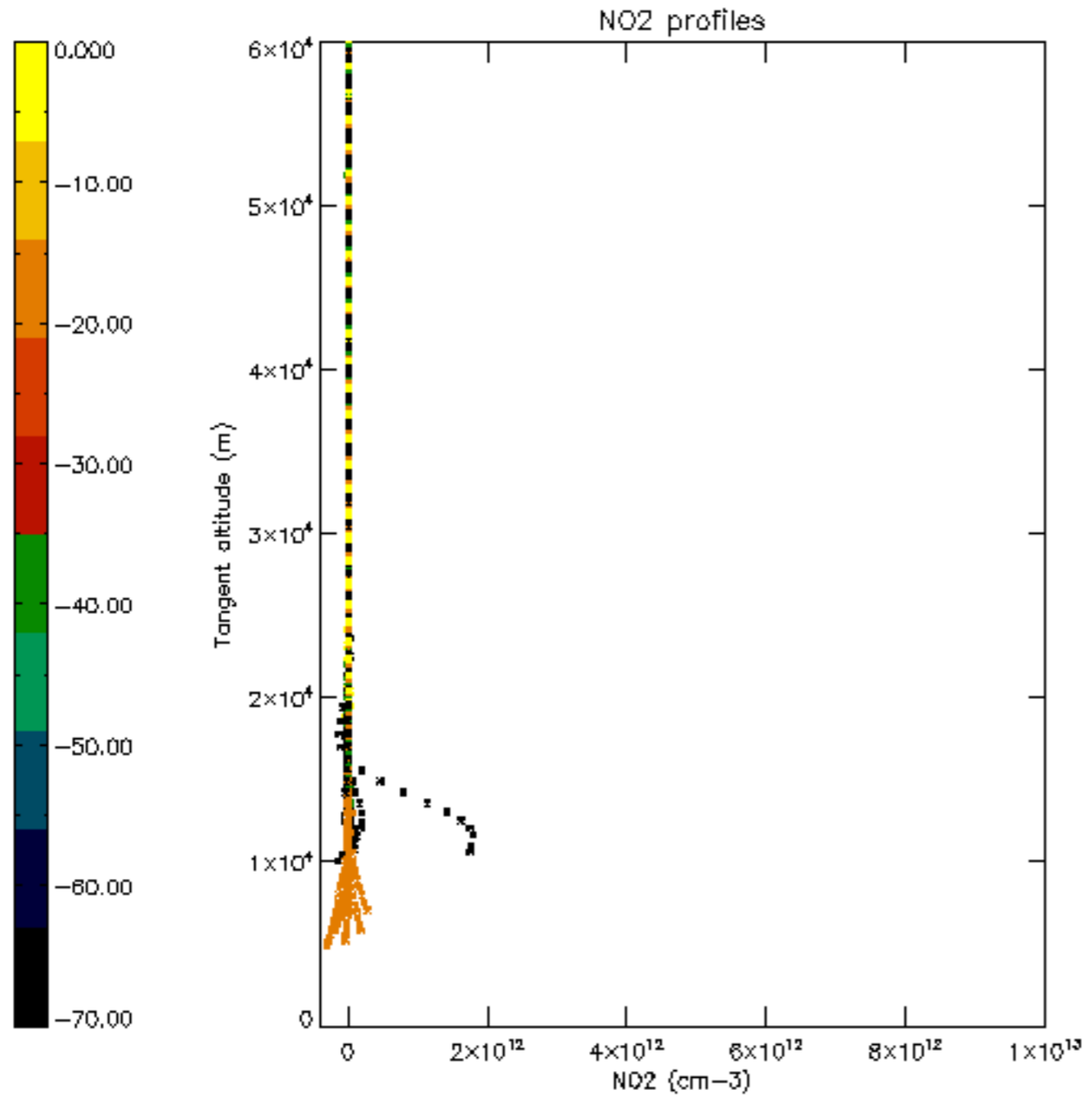


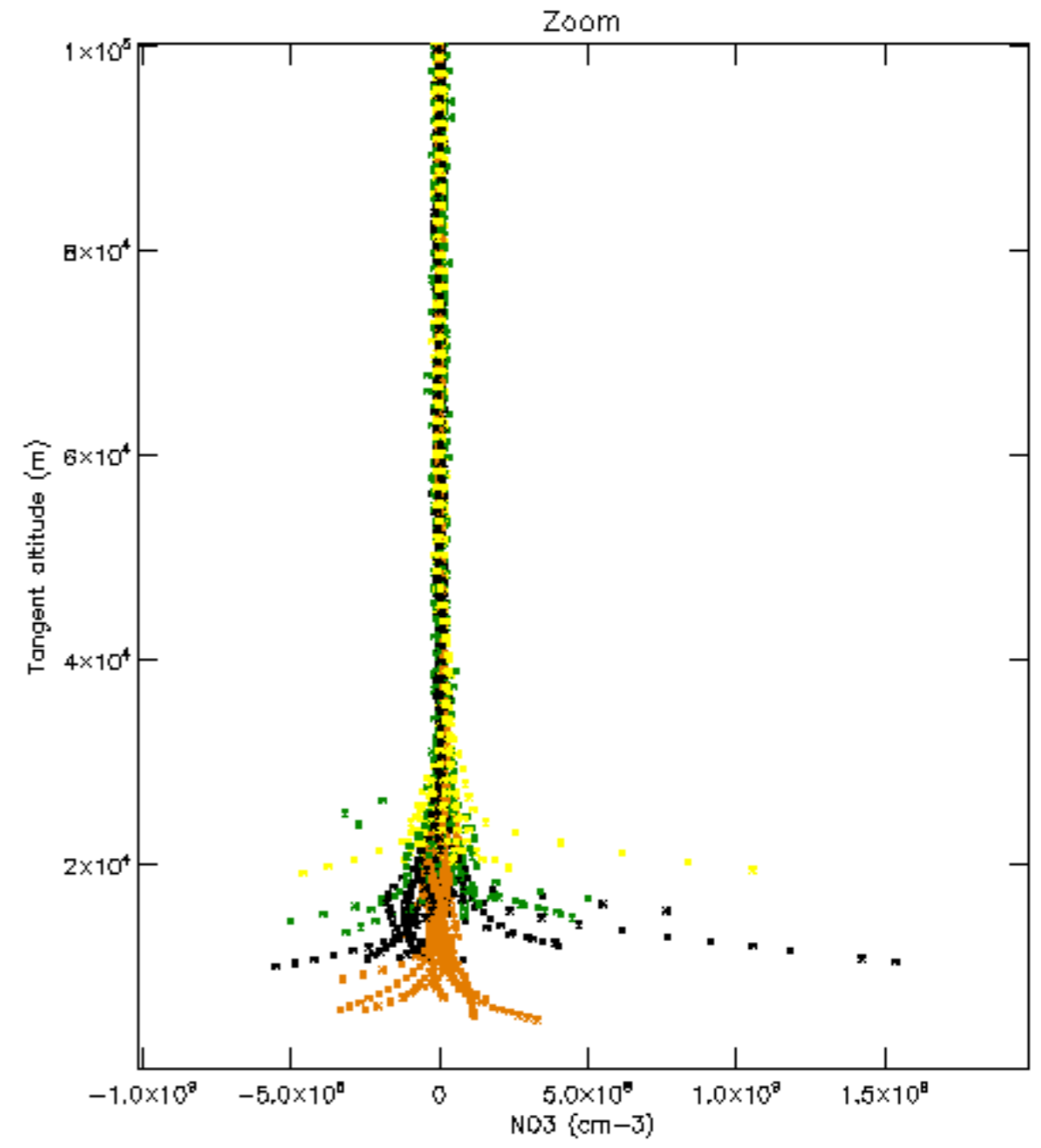
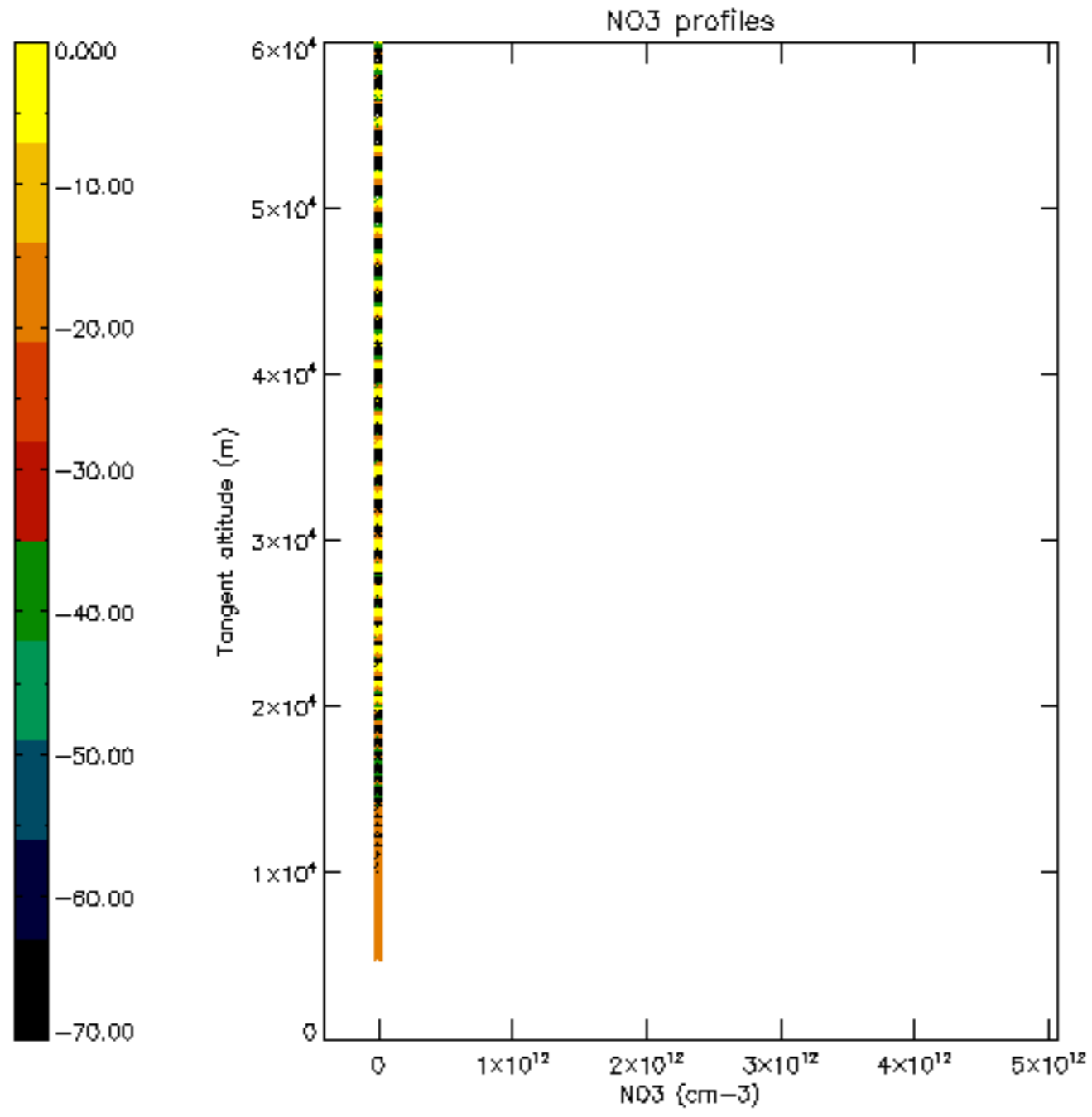


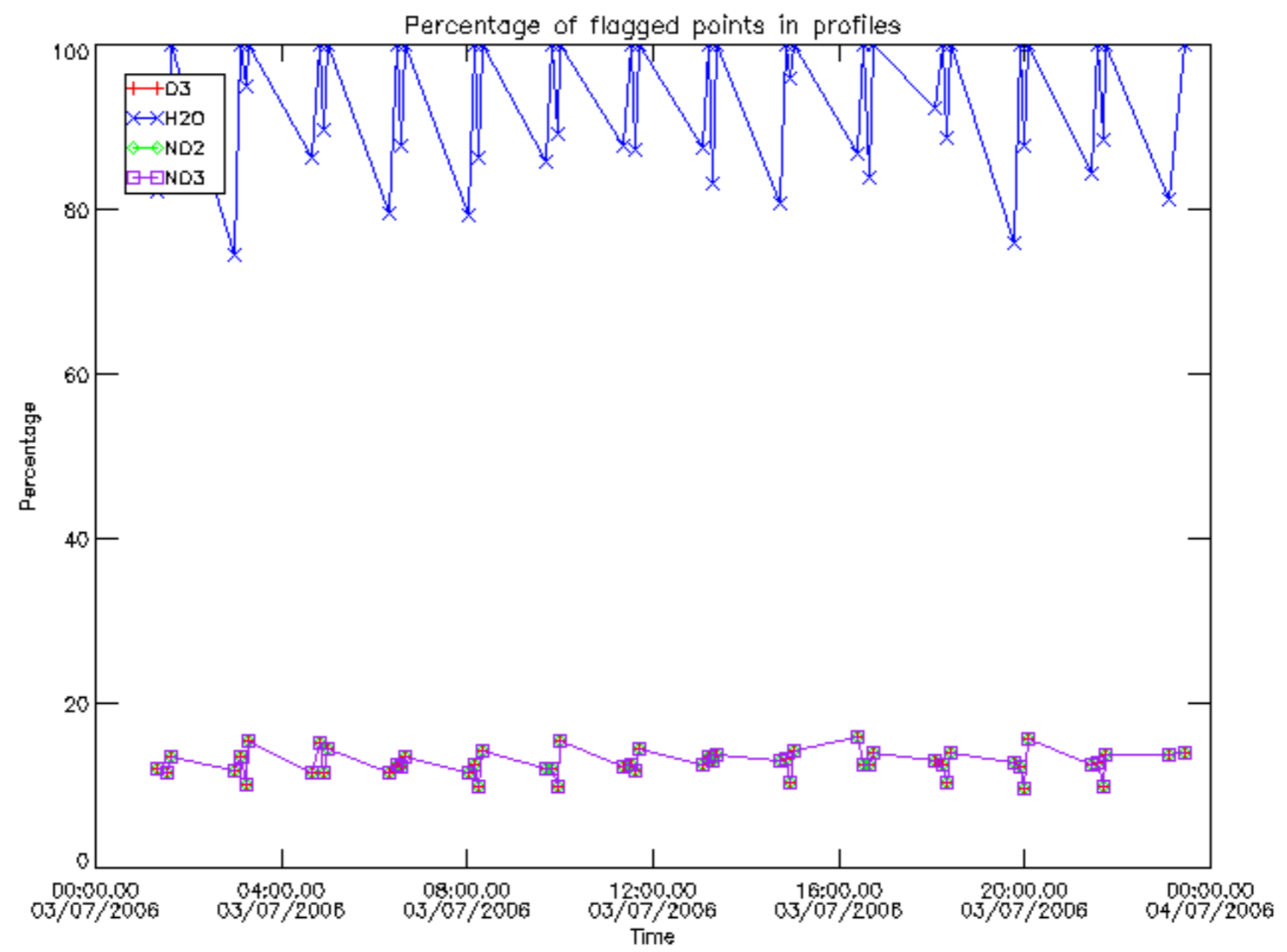




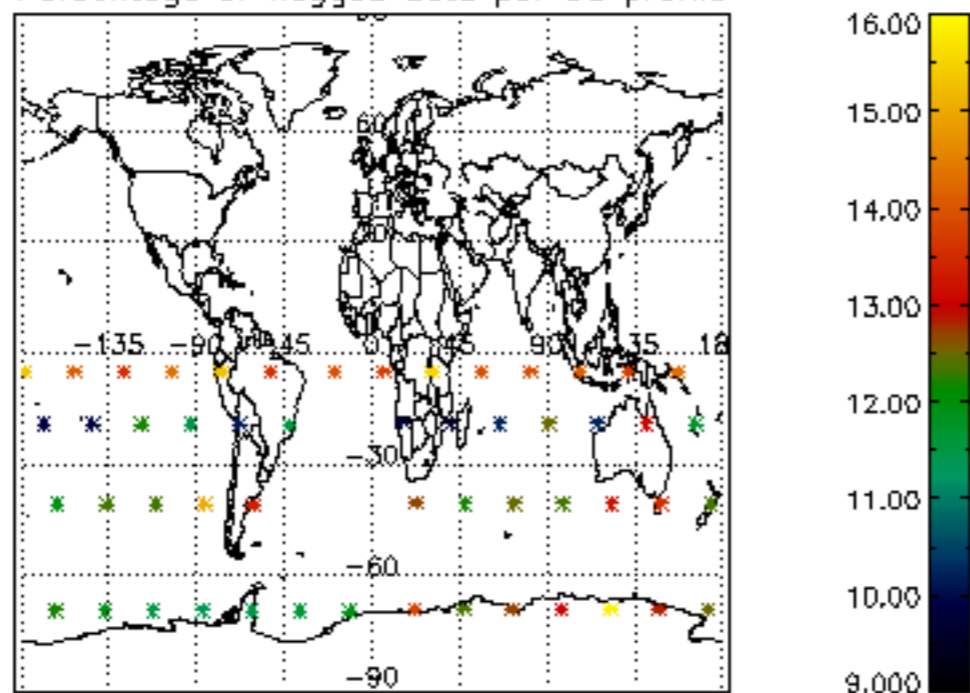




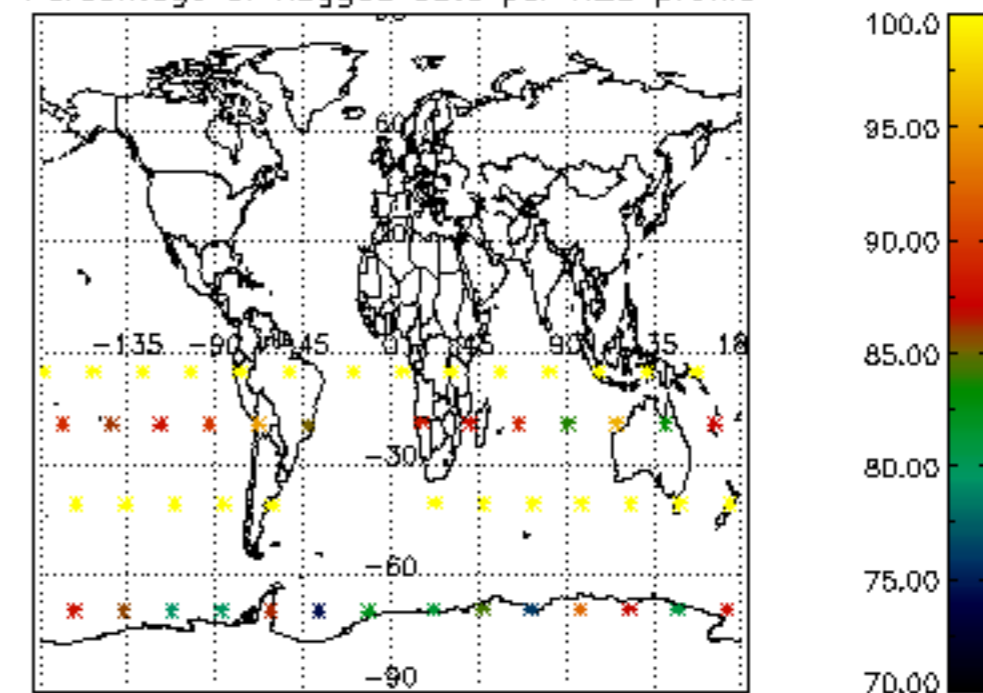




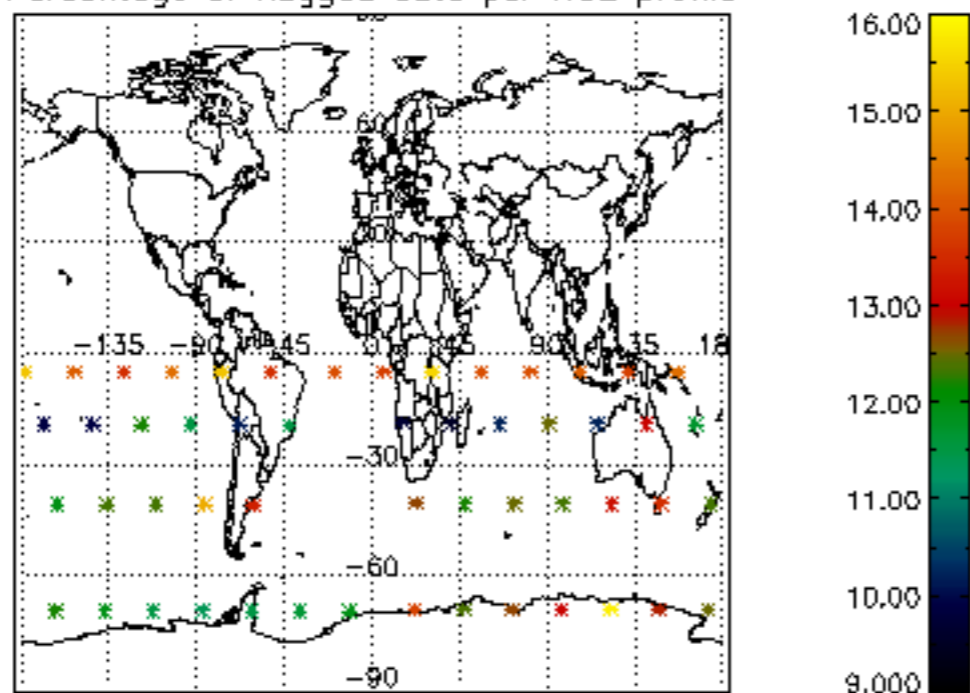
Percentage of flagged data per D3 profile



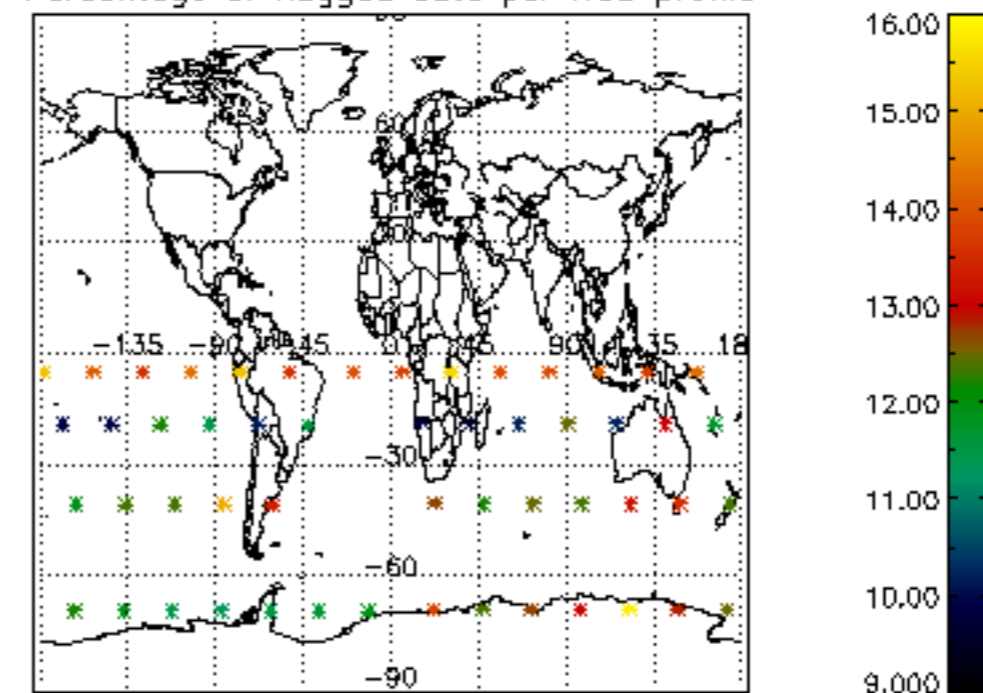
Percentage of flagged data per H2O profile

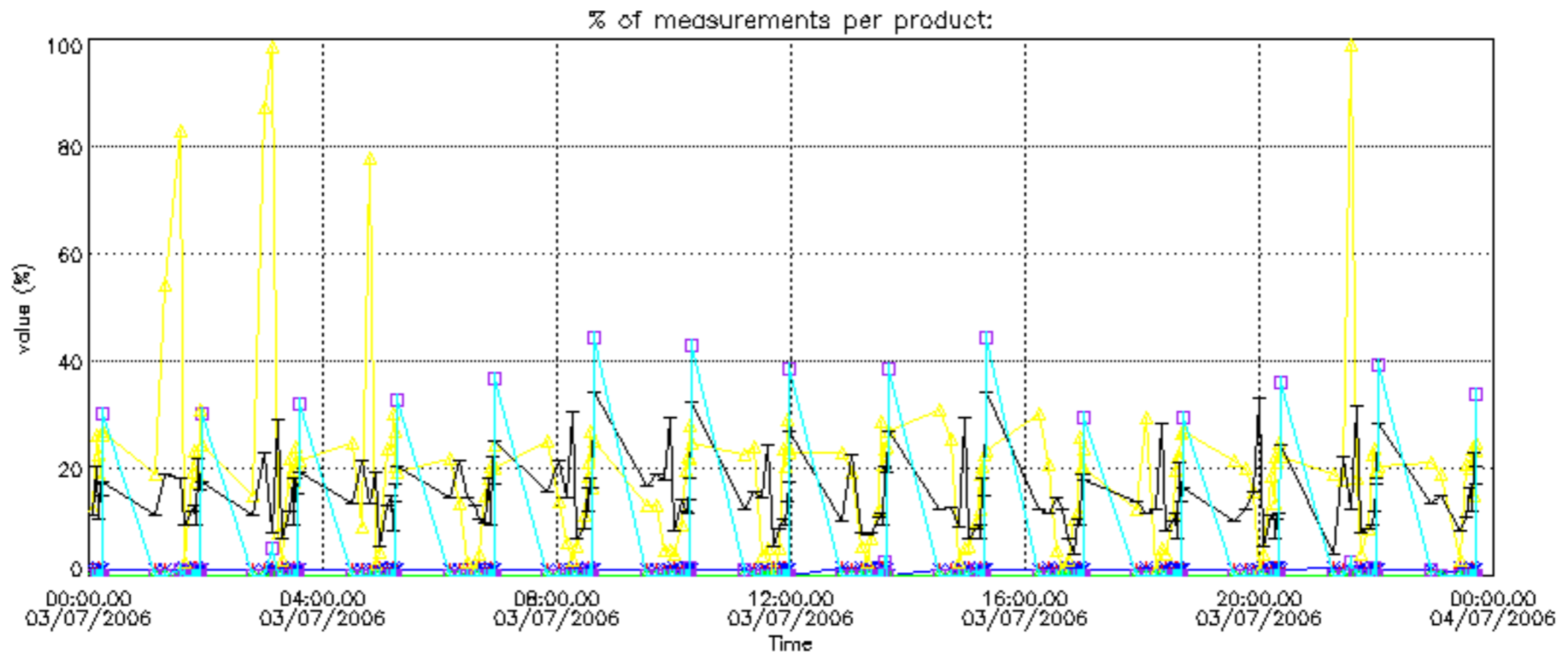


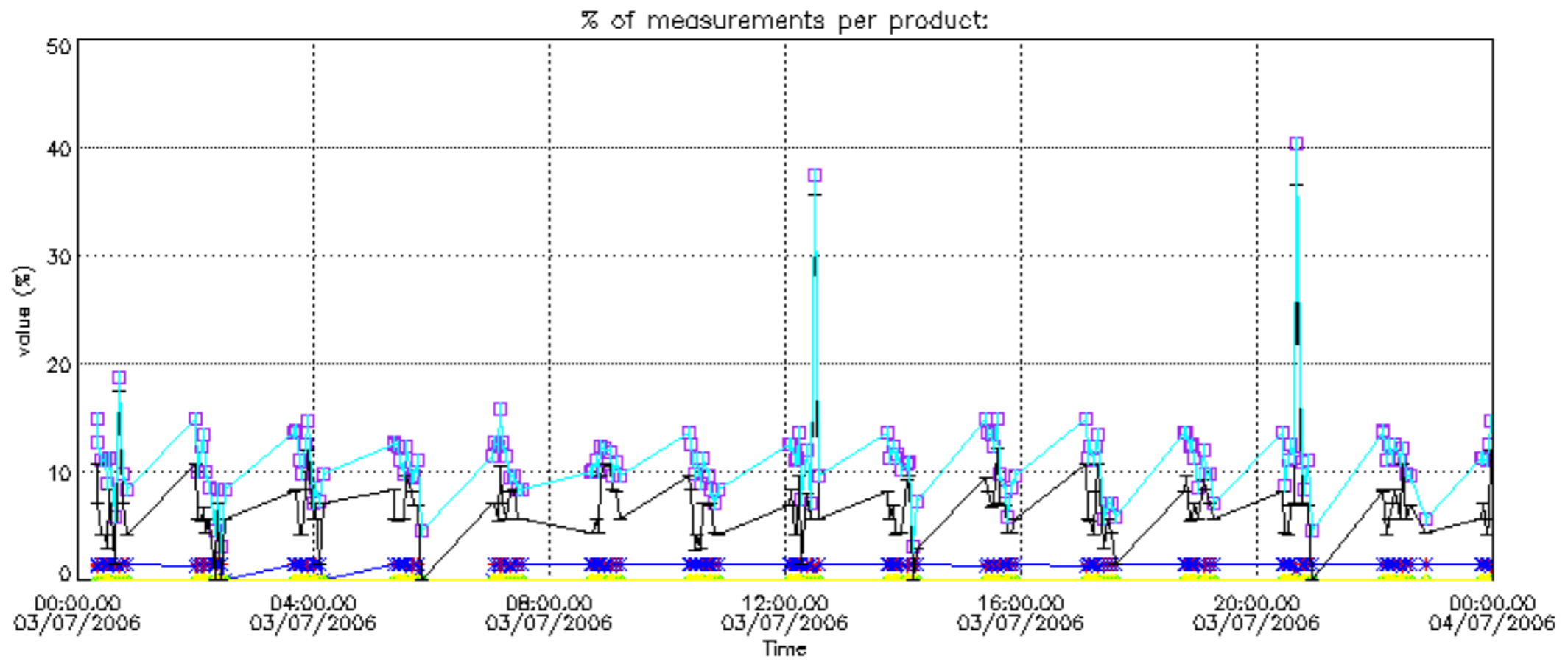
Percentage of flagged data per NO2 profile



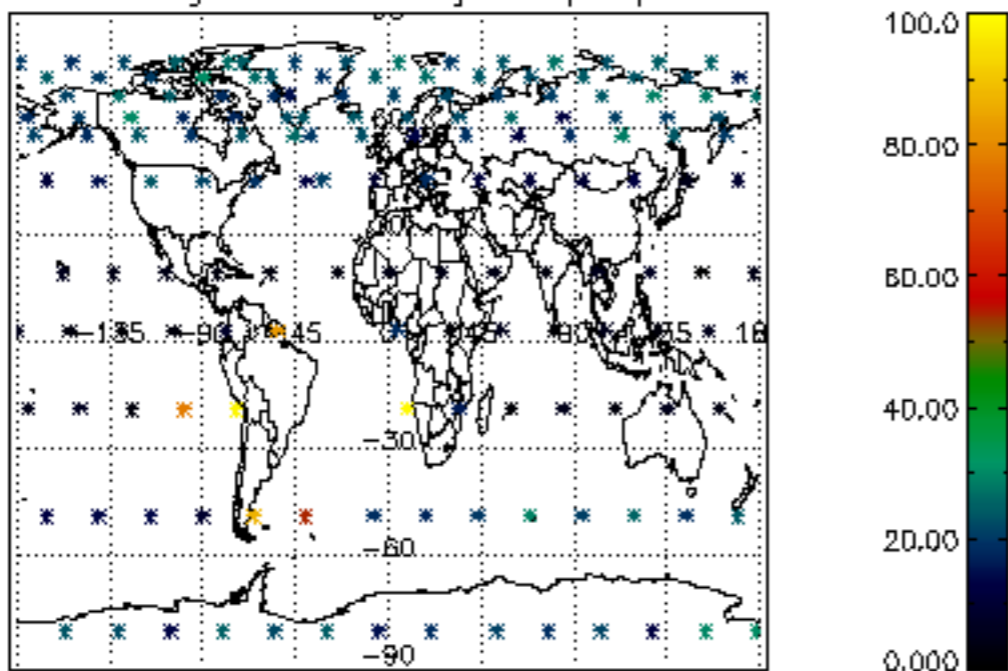
Percentage of flagged data per NO3 profile



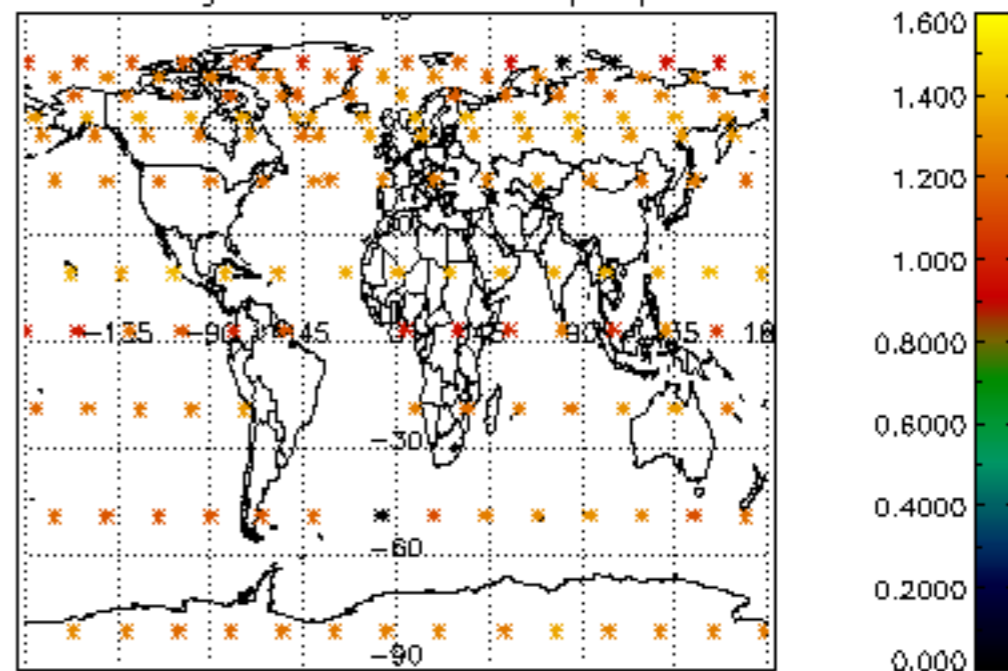




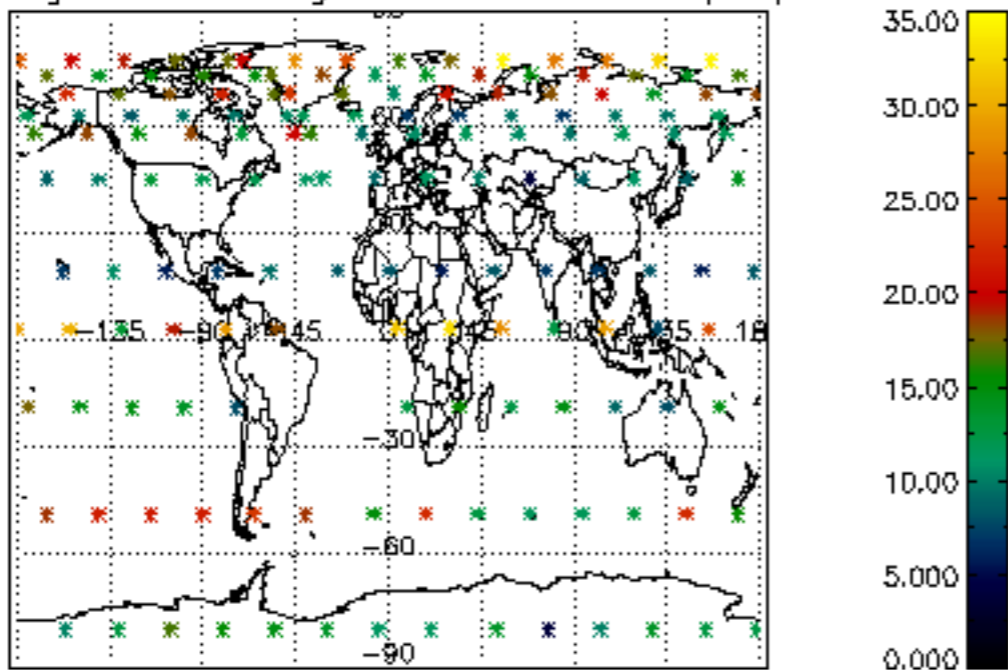
Percentage of cosmic ray hits per profile



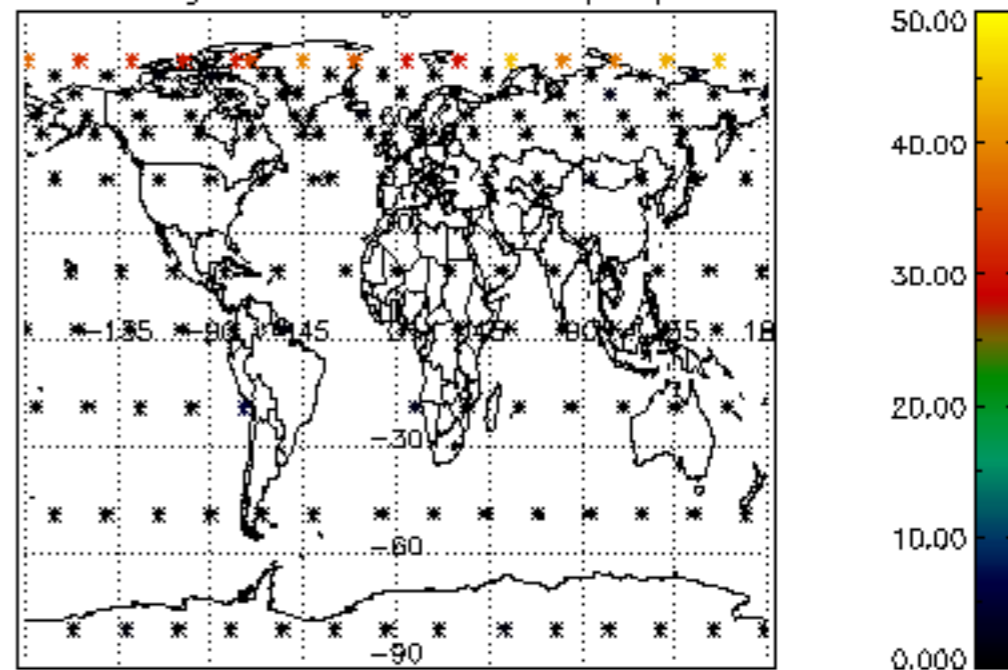
Percentage of datation errors per profile



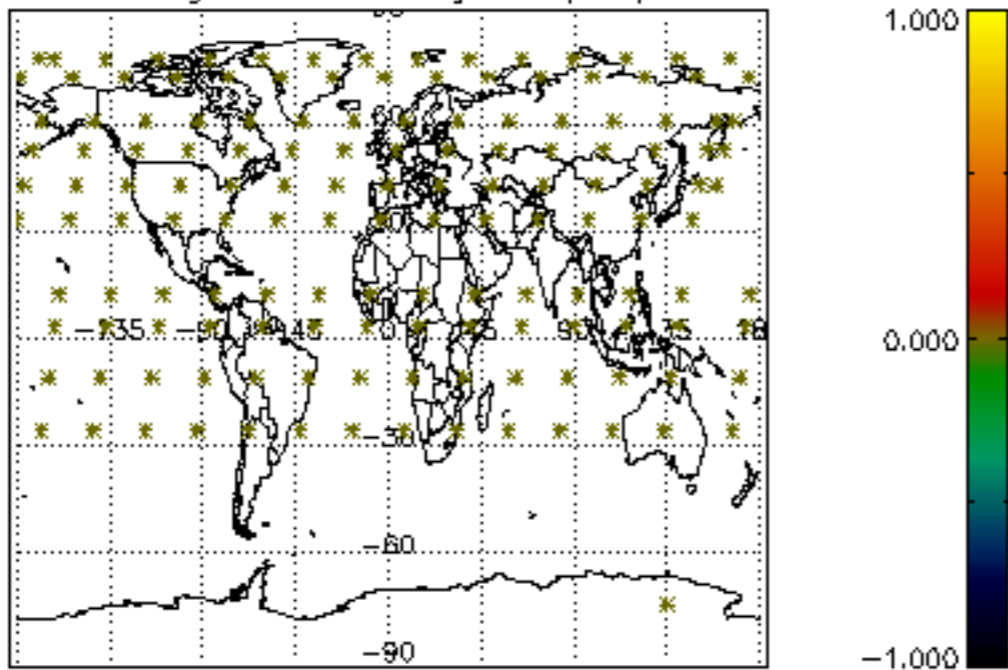
Percentage of star falling outside central band per profile



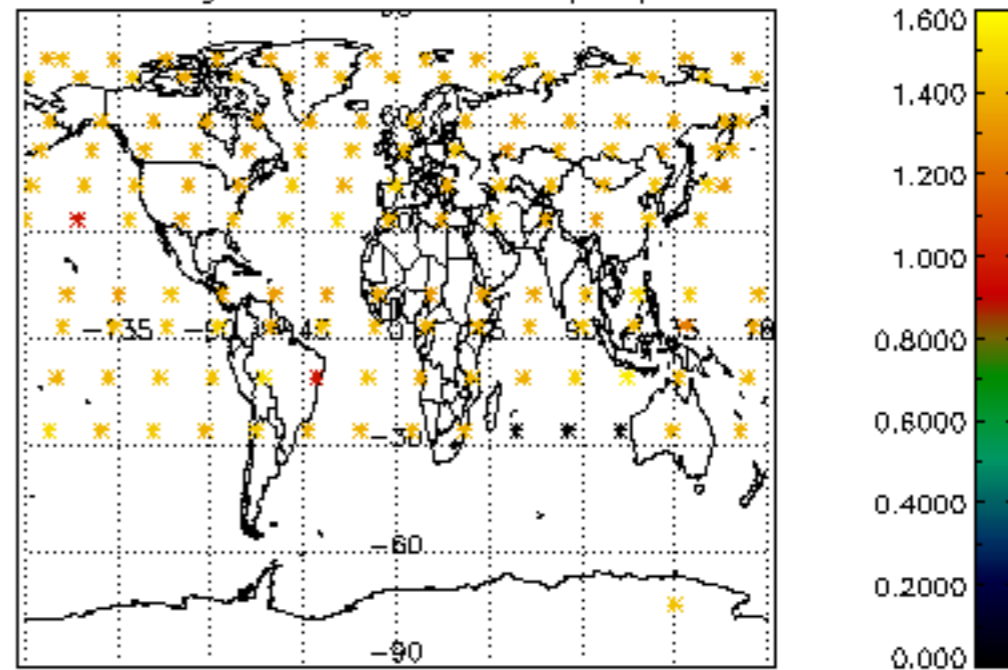
Percentage of saturation errors per profile



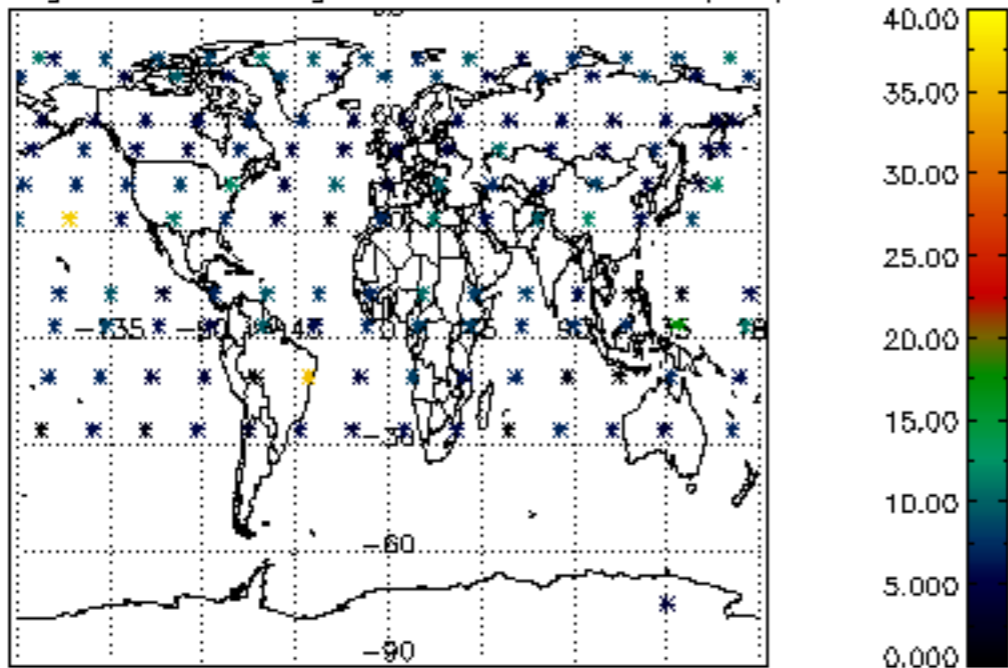
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

