

# 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	19APR2013 08:26:14
Data source version	GOMOS/6.01
Start time of products	12-08-2004 (12AUG2004 00:00:00)
Stop time of products	13-08-2004 (13AUG2004 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	435
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__2PRFIN20040812_000349_000000482029_00231_12810_2669.N1	12-AUG-2004 00:03:49	Bright	47.500	142	49Del Cap	2.8500	8900.0	95	12810	No
2	GOM_NL__2PRFIN20040812_000726_000000472029_00231_12810_2670.N1	12-AUG-2004 00:07:26	Bright	46.500	154	22Bet Aqr	2.8990	5700.0	93	12810	No
3	GOM_NL__2PRFIN20040812_000941_000000542029_00231_12810_2671.N1	12-AUG-2004 00:09:41	Bright	53.500	162	34Alp Aqr	2.9440	5350.0	107	12810	No
4	GOM_NL__2PRFIN20040812_001144_000000372029_00231_12810_2672.N1	12-AUG-2004 00:11:44	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	12810	No
5	GOM_NL__2PRFIN20040812_001328_000000372029_00231_12810_2673.N1	12-AUG-2004 00:13:28	Bright	36.500	168	17Zet Aql	2.9860	11000.	73	12810	No
6	GOM_NL__2PRFIN20040812_001920_000000392029_00231_12810_2674.N1	12-AUG-2004 00:19:20	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	12810	No
7	GOM_NL__2PRFIN20040812_002049_000000382029_00231_12810_2675.N1	12-AUG-2004 00:20:49	Bright	38.000	66	37Gam Cyg	2.2080	5900.0	76	12810	No
8	GOM_NL__2PRFIN20040812_002231_000000412029_00231_12810_2676.N1	12-AUG-2004 00:22:31	Bright	41.000	19	50Alp Cyg	1.2460	10500.	82	12810	No
9	GOM_NL__2PRFIN20040812_002439_000000422029_00231_12810_2677.N1	12-AUG-2004 00:24:39	Bright	41.500	69	33Gam Dra	2.2310	3800.0	83	12810	No
10	GOM_NL__2PRFIN20040812_002756_000000402029_00231_12810_2678.N1	12-AUG-2004 00:27:56	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	12810	No
11	GOM_NL__2PRFIN20040812_003256_000000392029_00231_12810_2679.N1	12-AUG-2004 00:32:56	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	12810	No
12	GOM_NL__2PRFIN20040812_003443_000000392029_00231_12810_2680.N1	12-AUG-2004 00:34:43	Bright	38.500	49	1Alp UMi	1.9900	6300.0	77	12810	No
13	GOM_NL__2PRFIN20040812_003646_000000512029_00231_12810_2681.N1	12-AUG-2004 00:36:46	Bright	50.500	110	37Del Cas	2.6780	8900.0	101	12810	No
14	GOM_NL__2PRFIN20040812_004232_000000542029_00231_12810_2682.N1	12-AUG-2004 00:42:32	Bright	53.500	160	23Gam Per	2.9300	4700.0	107	12810	No
15	GOM_NL__2PRFIN20040812_004447_000002552029_00231_12810_2683.N1	12-AUG-2004 00:44:47	Twilight	255.00	53	43Bet And	2.0480	3300.0	510	12810	No
16	GOM_NL__2PRFIN20040812_005006_000000532029_00231_12810_2684.N1	12-AUG-2004 00:50:06	Bright	53.000	107	37The Aur	2.6490	11000.	106	12810	No
17	GOM_NL__2PRFIN20040812_005306_000000532029_00231_12810_2685.N1	12-AUG-2004 00:53:06	Twilight	52.500	28	12Bet Tau	1.6500	15200.	105	12810	No
18	GOM_NL__2PRFIN20040812_005552_000000432029_00231_12810_2686.N1	12-AUG-2004 00:55:52	Twilight	43.000	44	24Gam Gem	1.9280	11000.	86	12810	No
19	GOM_NL__2PRFIN20040812_005832_000000782029_00231_12810_2687.N1	12-AUG-2004 00:58:32	Dark	78.000	13	87Alp Tau	0.86700	3800.0	156	12810	No
20	GOM_NL__2PRFIN20040812_010021_000000532029_00231_12810_2688.N1	12-AUG-2004 01:00:21	Dark	53.000	27	24Gam Ori	1.6360	26000.	106	12810	No
21	GOM_NL__2PRFIN20040812_010217_000000462029_00231_12810_2689.N1	12-AUG-2004 01:02:17	Dark	45.500	30	46Eps Ori	1.6940	30000.	91	12810	No
22	GOM_NL__2PRFIN20040812_010457_000000502029_00231_12810_2690.N1	12-AUG-2004 01:04:57	Dark	50.000	1	9Alp CMa	-1.4400	11000.	100	12810	No
23	GOM_NL__2PRFIN20040812_010638_000000402029_00231_12810_2691.N1	12-AUG-2004 01:06:38	Dark	39.500	179	24Omi2CMa	3.0320	24000.	79	12810	No
24	GOM_NL__2PRFIN20040812_010806_000000412029_00231_12810_2692.N1	12-AUG-2004 01:08:06	Dark	41.000	23	21Eps CMa	1.5020	26000.	82	12810	No
25	GOM_NL__2PRFIN20040812_011010_000000452029_00231_12810_2693.N1	12-AUG-2004 01:10:10	Dark	44.500	117	Pi Pup	2.7060	3800.0	89	12810	No
26	GOM_NL__2PRFIN20040812_011454_000000522029_00231_12810_2694.N1	12-AUG-2004 01:14:54	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	12810	No
27	GOM_NL__2PRFIN20040812_012026_000000552029_00232_12811_2665.N1	12-AUG-2004 01:20:26	Dark	54.500	157	The1Eri	2.9060	9300.0	109	12811	No
28	GOM_NL__2PRFIN20040812_012458_000000472029_00232_12811_2666.N1	12-AUG-2004 01:24:58	Dark	46.500	9	Alp Eri	0.45300	24000.	93	12811	No
29	GOM_NL__2PRFIN20040812_013032_000000692029_00232_12811_2667.N1	12-AUG-2004 01:30:32	Straylight	69.000	84	Alp Phe	2.3970	4500.0	138	12811	No
30	GOM_NL__2PRFIN20040812_013336_000000542029_00232_12811_2668.N1	12-AUG-2004 01:33:36	Straylight	54.000	63	Bet Gru	2.1500	2800.0	108	12811	No
31	GOM_NL__2PRFIN20040812_013826_000000622029_00232_12811_2669.N1	12-AUG-2004 01:38:26	Twilight	61.500	18	24Alp PsA	1.1660	9700.0	123	12811	No
32	GOM_NL__2PRFIN20040812_014425_000000472029_00232_12811_2670.N1	12-AUG-2004 01:44:25	Bright	46.500	142	49Del Cap	2.8500	8900.0	93	12811	No
33	GOM_NL__2PRFIN20040812_014801_000000462029_00232_12811_2671.N1	12-AUG-2004 01:48:01	Bright	45.500	154	22Bet Aqr	2.8990	5700.0	91	12811	No
34	GOM_NL__2PRFIN20040812_015016_000000542029_00232_12811_2672.N1	12-AUG-2004 01:50:16	Bright	54.000	162	34Alp Aqr	2.9440	5350.0	108	12811	No
35	GOM_NL__2PRFIN20040812_015220_000000382029_00232_12811_2673.N1	12-AUG-2004 01:52:20	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	12811	No
36	GOM_NL__2PRFIN20040812_015404_000000392029_00232_12811_2674.N1	12-AUG-2004 01:54:04	Bright	38.500	168	17Zet Aql	2.9860	11000.	77	12811	No
37	GOM_NL__2PRFIN20040812_015955_000000412029_00232_12811_2675.N1	12-AUG-2004 01:59:55	Bright	40.500	92	53Eps Cyg	2.5000	4500.0	81	12811	No
38	GOM_NL__2PRFIN20040812_020125_000000412029_00232_12811_2676.N1	12-AUG-2004 02:01:25	Bright	40.500	66	37Gam Cyg	2.2080	5900.0	81	12811	No
39	GOM_NL__2PRFIN20040812_020306_000000392029_00232_12811_2677.N1	12-AUG-2004 02:03:06	Bright	39.000	19	50Alp Cyg	1.2460	10500.	78	12811	No
40	GOM_NL__2PRFIN20040812_020515_000000412029_00232_12811_2678.N1	12-AUG-2004 02:05:15	Bright	40.500	69	33Gam Dra	2.2310	3800.0	81	12811	No
41	GOM_NL__2PRFIN20040812_020831_000000412029_00232_12811_2679.N1	12-AUG-2004 02:08:31	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	12811	No
42	GOM_NL__2PRFIN20040812_021332_000000392029_00232_12811_2680.N1	12-AUG-2004 02:13:32	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	12811	No

43	GOM_NL__2PRFIN20040812_021518_000000382029_00232_12811_2681.N1	12-AUG-2004 02:15:18	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	12811	No
44	GOM_NL__2PRFIN20040812_021721_000000512029_00232_12811_2682.N1	12-AUG-2004 02:17:21	Bright	50.500	110	37Del Cas	2.6780	8900.0	101	12811	No
45	GOM_NL__2PRFIN20040812_022307_000000532029_00232_12811_2683.N1	12-AUG-2004 02:23:07	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	12811	No
46	GOM_NL__2PRFIN20040812_022520_000002552029_00232_12811_2684.N1	12-AUG-2004 02:25:20	Tw_i_and_stray	255.00	53	43Bet And	2.0480	3300.0	510	12811	No
47	GOM_NL__2PRFIN20040812_023042_000000432029_00232_12811_2685.N1	12-AUG-2004 02:30:42	Bright	43.000	107	37The Aur	2.6490	11000.	86	12811	No
48	GOM_NL__2PRFIN20040812_023342_000000562029_00232_12811_2686.N1	12-AUG-2004 02:33:42	Tw_i_and_stray	55.500	28	12Bet Tau	1.6500	15200.	111	12811	No
49	GOM_NL__2PRFIN20040812_023627_000000452029_00232_12811_2687.N1	12-AUG-2004 02:36:27	Tw_i_and_stray	45.000	44	24Gam Gem	1.9280	11000.	90	12811	No
50	GOM_NL__2PRFIN20040812_023908_000000782029_00232_12811_2688.N1	12-AUG-2004 02:39:08	Dark	78.000	13	87Alp Tau	0.86700	3800.0	156	12811	No
51	GOM_NL__2PRFIN20040812_024057_000000492029_00232_12811_2689.N1	12-AUG-2004 02:40:57	Dark	49.000	27	24Gam Ori	1.6360	26000.	98	12811	No
52	GOM_NL__2PRFIN20040812_024253_000000492029_00232_12811_2690.N1	12-AUG-2004 02:42:53	Dark	48.500	30	46Eps Ori	1.6940	30000.	97	12811	No
53	GOM_NL__2PRFIN20040812_024533_000000462029_00232_12811_2691.N1	12-AUG-2004 02:45:33	Dark	46.000	1	9Alp CMa	-1.4400	11000.	92	12811	No
54	GOM_NL__2PRFIN20040812_024712_000000442029_00232_12811_2692.N1	12-AUG-2004 02:47:12	Dark	43.500	179	24Omi2CMa	3.0320	24000.	87	12811	No
55	GOM_NL__2PRFIN20040812_024841_000000442029_00232_12811_2693.N1	12-AUG-2004 02:48:41	Dark	44.000	23	21Eps CMa	1.5020	26000.	88	12811	No
56	GOM_NL__2PRFIN20040812_025046_000000452029_00232_12811_2694.N1	12-AUG-2004 02:50:46	Dark	44.500	117	Pi Pup	2.7060	3800.0	89	12811	No
57	GOM_NL__2PRFIN20040812_025530_000000422029_00232_12811_2695.N1	12-AUG-2004 02:55:30	Dark	41.500	2	Alp Car	-0.73600	7000.0	83	12811	No
58	GOM_NL__2PRFIN20040812_030103_000000532029_00233_12812_2666.N1	12-AUG-2004 03:01:03	Dark	53.000	157	The1Eri	2.9060	9300.0	106	12812	No
59	GOM_NL__2PRFIN20040812_030535_000000482029_00233_12812_2667.N1	12-AUG-2004 03:05:35	Dark	48.000	9	Alp Eri	0.45300	24000.	96	12812	No
60	GOM_NL__2PRFIN20040812_031108_000000572029_00233_12812_2668.N1	12-AUG-2004 03:11:08	Straylight	56.500	84	Alp Phe	2.3970	4500.0	113	12812	No
61	GOM_NL__2PRFIN20040812_031412_000000522029_00233_12812_2669.N1	12-AUG-2004 03:14:12	Straylight	52.000	63	Bet Gru	2.1500	2800.0	104	12812	No
62	GOM_NL__2PRFIN20040812_031903_000000642029_00233_12812_2670.N1	12-AUG-2004 03:19:03	Tw_i_and_stray	63.500	18	24Alp PsA	1.1660	9700.0	127	12812	No
63	GOM_NL__2PRFIN20040812_032500_000000492029_00233_12812_2671.N1	12-AUG-2004 03:25:00	Bright	49.000	142	49Del Cap	2.8500	8900.0	98	12812	No
64	GOM_NL__2PRFIN20040812_032837_000000462029_00233_12812_2672.N1	12-AUG-2004 03:28:37	Bright	45.500	154	22Bet Aqr	2.8990	5700.0	91	12812	No
65	GOM_NL__2PRFIN20040812_033052_000000532029_00233_12812_2673.N1	12-AUG-2004 03:30:52	Bright	53.000	162	34Alp Aqr	2.9440	5350.0	106	12812	No
66	GOM_NL__2PRFIN20040812_033255_000000382029_00233_12812_2674.N1	12-AUG-2004 03:32:55	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	12812	No
67	GOM_NL__2PRFIN20040812_033440_000000382029_00233_12812_2675.N1	12-AUG-2004 03:34:40	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	12812	No
68	GOM_NL__2PRFIN20040812_034030_000000432029_00233_12812_2676.N1	12-AUG-2004 03:40:30	Bright	42.500	92	53Eps Cyg	2.5000	4500.0	85	12812	No
69	GOM_NL__2PRFIN20040812_034200_000000402029_00233_12812_2677.N1	12-AUG-2004 03:42:00	Bright	40.000	66	37Gam Cyg	2.2080	5900.0	80	12812	No
70	GOM_NL__2PRFIN20040812_034342_000000382029_00233_12812_2678.N1	12-AUG-2004 03:43:42	Bright	38.000	19	50Alp Cyg	1.2460	10500.	76	12812	No
71	GOM_NL__2PRFIN20040812_034551_000000362029_00233_12812_2679.N1	12-AUG-2004 03:45:51	Bright	36.000	69	33Gam Dra	2.2310	3800.0	72	12812	No
72	GOM_NL__2PRFIN20040812_034906_000000372029_00233_12812_2680.N1	12-AUG-2004 03:49:06	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	12812	No
73	GOM_NL__2PRFIN20040812_035409_000000352029_00233_12812_2681.N1	12-AUG-2004 03:54:09	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	12812	No
74	GOM_NL__2PRFIN20040812_035554_000000362029_00233_12812_2682.N1	12-AUG-2004 03:55:54	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	12812	No
75	GOM_NL__2PRFIN20040812_035757_000000492029_00233_12812_2683.N1	12-AUG-2004 03:57:57	Bright	49.000	110	37Del Cas	2.6780	8900.0	98	12812	No
76	GOM_NL__2PRFIN20040812_040342_000000712029_00233_12812_2684.N1	12-AUG-2004 04:03:42	Bright	70.500	160	23Gam Per	2.9300	4700.0	141	12812	No
77	GOM_NL__2PRFIN20040812_040553_000002552029_00233_12812_2685.N1	12-AUG-2004 04:05:53	Tw_i_and_stray	255.00	53	43Bet And	2.0480	3300.0	510	12812	No
78	GOM_NL__2PRFIN20040812_041118_000000412029_00233_12812_2686.N1	12-AUG-2004 04:11:18	Bright	41.000	107	37The Aur	2.6490	11000.	82	12812	No
79	GOM_NL__2PRFIN20040812_041418_000000512029_00233_12812_2687.N1	12-AUG-2004 04:14:18	Tw_i_and_stray	50.500	28	12Bet Tau	1.6500	15200.	101	12812	No
80	GOM_NL__2PRFIN20040812_041703_000000452029_00233_12812_2688.N1	12-AUG-2004 04:17:03	Tw_i_and_stray	44.500	44	24Gam Gem	1.9280	11000.	89	12812	No
81	GOM_NL__2PRFIN20040812_041945_000000722029_00233_12812_2689.N1	12-AUG-2004 04:19:45	Dark	71.500	13	87Alp Tau	0.86700	3800.0	143	12812	No
82	GOM_NL__2PRFIN20040812_042133_000000512029_00233_12812_2690.N1	12-AUG-2004 04:21:33	Dark	50.500	27	24Gam Ori	1.6360	26000.	101	12812	No
83	GOM_NL__2PRFIN20040812_042329_000000492029_00233_12812_2691.N1	12-AUG-2004 04:23:29	Dark	48.500	30	46Eps Ori	1.6940	30000.	97	12812	No
84	GOM_NL__2PRFIN20040812_042609_000000492029_00233_12812_2692.N1	12-AUG-2004 04:26:09	Dark	48.500	1	9Alp CMa	-1.4400	11000.	97	12812	No
85	GOM_NL__2PRFIN20040812_042750_000000412029_00233_12812_2693.N1	12-AUG-2004 04:27:50	Dark	40.500	179	24Omi2CMa	3.0320	24000.	81	12812	No
86	GOM_NL__2PRFIN20040812_042918_000000412029_00233_12812_2694.N1	12-AUG-2004 04:29:18	Dark	41.000	23	21Eps CMa	1.5020	26000.	82	12812	No
87	GOM_NL__2PRFIN20040812_043122_000000442029_00233_12812_2695.N1	12-AUG-2004 04:31:22	Dark	44.000	117	Pi Pup	2.7060	3800.0	88	12812	No
88	GOM_NL__2PRFIN20040812_043606_000000482029_00233_12812_2696.N1	12-AUG-2004 04:36:06	Dark	48.000	2	Alp Car	-0.73600	7000.0	96	12812	No
89	GOM_NL__2PRFIN20040812_044140_000000522029_00234_12813_2371.N1	12-AUG-2004 04:41:40	Dark	52.000	157	The1Eri	2.9060	9300.0	104	12813	No
90	GOM_NL__2PRFIN20040812_044612_000000552029_00234_12813_2372.N1	12-AUG-2004 04:46:12	Dark	54.500	9	Alp Eri	0.45300	24000.	109	12813	No
91	GOM_NL__2PRFIN20040812_045145_000000602029_00234_12813_2373.N1	12-AUG-2004 04:51:45	Straylight	60.000	84	Alp Phe	2.3970	4500.0	120	12813	No
92	GOM_NL__2PRFIN20040812_045451_000000592029_00234_12813_2374.N1	12-AUG-2004 04:54:51	Straylight	59.000	63	Bet Gru	2.1500	2800.0	118	12813	No
93	GOM_NL__2PRFIN20040812_045939_000000652029_00234_12813_2375.N1	12-AUG-2004 04:59:39	Tw_i_and_stray	64.500	18	24Alp PsA	1.1660	9700.0	129	12813	No
94	GOM_NL__2PRFIN20040812_050537_000000462029_00234_12813_2376.N1	12-AUG-2004 05:05:37	Bright	46.000	142	49Del Cap	2.8500	8900.0	92	12813	No
95	GOM_NL__2PRFIN20040812_050913_000000452029_00234_12813_2377.N1	12-AUG-2004 05:09:13	Bright	45.000	154	22Bet Aqr	2.8990	5700.0	90	12813	No
96	GOM_NL__2PRFIN20040812_051127_000000552029_00234_12813_2378.N1	12-AUG-2004 05:11:27	Bright	54.500	162	34Alp Aqr	2.9440	5350.0	109	12813	No
97	GOM_NL__2PRFIN20040812_051331_000000382029_00234_12813_2379.N1	12-AUG-2004 05:13:31	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	12813	No
98	GOM_NL__2PRFIN20040812_051517_000000372029_00234_12813_2380.N1	12-AUG-2004 05:15:17	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	12813	No
99	GOM_NL__2PRFIN20040812_052107_000000402029_00234_12813_2381.N1	12-AUG-2004 05:21:07	Bright	40.000	92	53Eps Cyg	2.5000	4500.0	80	12813	No
100	GOM_NL__2PRFIN20040812_052237_000000422029_00234_12813_2382.N1	12-AUG-2004 05:22:37	Bright	41.500	66	37Gam Cyg	2.2080	5900.0	83	12813	No
101	GOM_NL__2PRFIN20040812_052418_000000432029_00234_12813_2383.N1	12-AUG-2004 05:24:18	Bright	42.500	19	50Alp Cyg	1.2460	10500.	85	12813	No

102	GOM_NL__2PRFIN20040812_052627_000000382029_00234_12813_2384.N1	12-AUG-2004 05:26:27	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	12813	No
103	GOM_NL__2PRFIN20040812_052942_000000402029_00234_12813_2385.N1	12-AUG-2004 05:29:42	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	12813	No
104	GOM_NL__2PRFIN20040812_053445_000000392029_00234_12813_2386.N1	12-AUG-2004 05:34:45	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	12813	No
105	GOM_NL__2PRFIN20040812_053630_000000352029_00234_12813_2387.N1	12-AUG-2004 05:36:30	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	12813	No
106	GOM_NL__2PRFIN20040812_053831_000000492029_00234_12813_2388.N1	12-AUG-2004 05:38:31	Bright	48.500	110	37Del Cas	2.6780	8900.0	97	12813	No
107	GOM_NL__2PRFIN20040812_054418_000000532029_00234_12813_2389.N1	12-AUG-2004 05:44:18	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	12813	No
108	GOM_NL__2PRFIN20040812_054626_000002552029_00234_12813_2390.N1	12-AUG-2004 05:46:26	Tw_i_and_stray	255.00	53	43Bet And	2.0480	3300.0	510	12813	No
109	GOM_NL__2PRFIN20040812_055152_000000422029_00234_12813_2391.N1	12-AUG-2004 05:51:52	Bright	41.500	107	37The Aur	2.6490	11000.	83	12813	No
110	GOM_NL__2PRFIN20040812_055454_000000522029_00234_12813_2392.N1	12-AUG-2004 05:54:54	Tw_i_and_stray	51.500	28	12Bet Tau	1.6500	15200.	103	12813	No
111	GOM_NL__2PRFIN20040812_055740_000000442029_00234_12813_2393.N1	12-AUG-2004 05:57:40	Tw_i_and_stray	44.000	44	24Gam Gem	1.9280	11000.	88	12813	No
112	GOM_NL__2PRFIN20040812_060021_000000682029_00234_12813_2394.N1	12-AUG-2004 06:00:21	Dark	67.500	13	87Alp Tau	0.86700	3800.0	135	12813	No
113	GOM_NL__2PRFIN20040812_060209_000000522029_00234_12813_2395.N1	12-AUG-2004 06:02:09	Dark	51.500	27	24Gam Ori	1.6360	26000.	103	12813	No
114	GOM_NL__2PRFIN20040812_060406_000000502029_00234_12813_2396.N1	12-AUG-2004 06:04:06	Dark	50.000	30	46Eps Ori	1.6940	30000.	100	12813	No
115	GOM_NL__2PRFIN20040812_060646_000000482029_00234_12813_2397.N1	12-AUG-2004 06:06:46	Dark	48.000	1	9Alp CMa	-1.4400	11000.	96	12813	No
116	GOM_NL__2PRFIN20040812_060824_000000432029_00234_12813_2398.N1	12-AUG-2004 06:08:24	Dark	43.000	179	24Omi2CMa	3.0320	24000.	86	12813	No
117	GOM_NL__2PRFIN20040812_060954_000000492029_00234_12813_2399.N1	12-AUG-2004 06:09:54	Dark	49.000	23	21Eps CMa	1.5020	26000.	98	12813	No
118	GOM_NL__2PRFIN20040812_061158_000000452029_00234_12813_2400.N1	12-AUG-2004 06:11:58	Dark	44.500	117	Pi Pup	2.7060	3800.0	89	12813	No
119	GOM_NL__2PRFIN20040812_061642_000000472029_00234_12813_2401.N1	12-AUG-2004 06:16:42	Dark	46.500	2	Alp Car	-0.73600	7000.0	93	12813	No
120	GOM_NL__2PRFIN20040812_062218_000000522029_00235_12814_2392.N1	12-AUG-2004 06:22:18	Dark	51.500	157	The1Eri	2.9060	9300.0	103	12814	No
121	GOM_NL__2PRFIN20040812_062649_000000482029_00235_12814_2393.N1	12-AUG-2004 06:26:49	Dark	48.000	9	Alp Eri	0.45300	24000.	96	12814	No
122	GOM_NL__2PRFIN20040812_063223_000000552029_00235_12814_2394.N1	12-AUG-2004 06:32:23	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	12814	No
123	GOM_NL__2PRFIN20040812_063528_000000512029_00235_12814_2395.N1	12-AUG-2004 06:35:28	Straylight	51.000	63	Bet Gru	2.1500	2800.0	102	12814	No
124	GOM_NL__2PRFIN20040812_064015_000000642029_00235_12814_2396.N1	12-AUG-2004 06:40:15	Tw_i_and_stray	64.000	18	24Alp PsA	1.1660	9700.0	128	12814	No
125	GOM_NL__2PRFIN20040812_064613_000000492029_00235_12814_2397.N1	12-AUG-2004 06:46:13	Bright	49.000	142	49Del Cap	2.8500	8900.0	98	12814	No
126	GOM_NL__2PRFIN20040812_064949_000000462029_00235_12814_2398.N1	12-AUG-2004 06:49:49	Bright	45.500	154	22Bet Aqr	2.8990	5700.0	91	12814	No
127	GOM_NL__2PRFIN20040812_065204_000000532029_00235_12814_2399.N1	12-AUG-2004 06:52:04	Bright	53.000	162	34Alp Aqr	2.9440	5350.0	106	12814	No
128	GOM_NL__2PRFIN20040812_065408_000000402029_00235_12814_2400.N1	12-AUG-2004 06:54:08	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	12814	No
129	GOM_NL__2PRFIN20040812_065553_000000372029_00235_12814_2401.N1	12-AUG-2004 06:55:53	Bright	36.500	168	17Zet Aql	2.9860	11000.	73	12814	No
130	GOM_NL__2PRFIN20040812_070142_000000412029_00235_12814_2402.N1	12-AUG-2004 07:01:42	Bright	41.000	92	53Eps Cyg	2.5000	4500.0	82	12814	No
131	GOM_NL__2PRFIN20040812_070313_000000372029_00235_12814_2403.N1	12-AUG-2004 07:03:13	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	12814	No
132	GOM_NL__2PRFIN20040812_070454_000000382029_00235_12814_2404.N1	12-AUG-2004 07:04:54	Bright	38.000	19	50Alp Cyg	1.2460	10500.	76	12814	No
133	GOM_NL__2PRFIN20040812_070703_000000402029_00235_12814_2405.N1	12-AUG-2004 07:07:03	Bright	39.500	69	33Gam Dra	2.2310	3800.0	79	12814	No
134	GOM_NL__2PRFIN20040812_071018_000000412029_00235_12814_2406.N1	12-AUG-2004 07:10:18	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	12814	No
135	GOM_NL__2PRFIN20040812_071521_000000412029_00235_12814_2407.N1	12-AUG-2004 07:15:21	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	12814	No
136	GOM_NL__2PRFIN20040812_071706_000000372029_00235_12814_2408.N1	12-AUG-2004 07:17:06	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	12814	No
137	GOM_NL__2PRFIN20040812_071907_000000512029_00235_12814_2409.N1	12-AUG-2004 07:19:07	Bright	51.000	110	37Del Cas	2.6780	8900.0	102	12814	No
138	GOM_NL__2PRFIN20040812_072453_000000552029_00235_12814_2410.N1	12-AUG-2004 07:24:53	Bright	54.500	160	23Gam Per	2.9300	4700.0	109	12814	No
139	GOM_NL__2PRFIN20040812_072700_000002552029_00235_12814_2411.N1	12-AUG-2004 07:27:00	Tw_i_and_stray	255.00	53	43Bet And	2.0480	3300.0	510	12814	No
140	GOM_NL__2PRFIN20040812_073230_000000402029_00235_12814_2412.N1	12-AUG-2004 07:32:30	Bright	39.500	107	37The Aur	2.6490	11000.	79	12814	No
141	GOM_NL__2PRFIN20040812_073531_000000532029_00235_12814_2413.N1	12-AUG-2004 07:35:31	Tw_i_and_stray	52.500	28	12Bet Tau	1.6500	15200.	105	12814	No
142	GOM_NL__2PRFIN20040812_073814_000000442029_00235_12814_2414.N1	12-AUG-2004 07:38:14	Tw_i_and_stray	44.000	44	24Gam Gem	1.9280	11000.	88	12814	No
143	GOM_NL__2PRFIN20040812_074058_000000722029_00235_12814_2415.N1	12-AUG-2004 07:40:58	Dark	71.500	13	87Alp Tau	0.86700	3800.0	143	12814	No
144	GOM_NL__2PRFIN20040812_074246_000000522029_00235_12814_2416.N1	12-AUG-2004 07:42:46	Dark	52.000	27	24Gam Ori	1.6360	26000.	104	12814	No
145	GOM_NL__2PRFIN20040812_074442_000000482029_00235_12814_2417.N1	12-AUG-2004 07:44:42	Dark	48.000	30	46Eps Ori	1.6940	30000.	96	12814	No
146	GOM_NL__2PRFIN20040812_074722_000000482029_00235_12814_2418.N1	12-AUG-2004 07:47:22	Dark	47.500	1	9Alp CMa	-1.4400	11000.	95	12814	No
147	GOM_NL__2PRFIN20040812_074902_000000412029_00235_12814_2419.N1	12-AUG-2004 07:49:02	Dark	40.500	179	24Omi2CMa	3.0320	24000.	81	12814	No
148	GOM_NL__2PRFIN20040812_075030_000000432029_00235_12814_2420.N1	12-AUG-2004 07:50:30	Dark	43.000	23	21Eps CMa	1.5020	26000.	86	12814	No
149	GOM_NL__2PRFIN20040812_075234_000000432029_00235_12814_2421.N1	12-AUG-2004 07:52:34	Dark	43.000	117	Pi Pup	2.7060	3800.0	86	12814	No
150	GOM_NL__2PRFIN20040812_075719_000000502029_00235_12814_2422.N1	12-AUG-2004 07:57:19	Dark	49.500	2	Alp Car	-0.73600	7000.0	99	12814	No
151	GOM_NL__2PRFIN20040812_080255_000000522029_00236_12815_2393.N1	12-AUG-2004 08:02:55	Dark	51.500	157	The1Eri	2.9060	9300.0	103	12815	No
152	GOM_NL__2PRFIN20040812_080725_000000472029_00236_12815_2394.N1	12-AUG-2004 08:07:25	Dark	46.500	9	Alp Eri	0.45300	24000.	93	12815	No
153	GOM_NL__2PRFIN20040812_081259_000000682029_00236_12815_2395.N1	12-AUG-2004 08:12:59	Straylight	67.500	84	Alp Phe	2.3970	4500.0	135	12815	No
154	GOM_NL__2PRFIN20040812_081605_000000522029_00236_12815_2396.N1	12-AUG-2004 08:16:05	Straylight	52.000	63	Bet Gru	2.1500	2800.0	104	12815	No
155	GOM_NL__2PRFIN20040812_082052_000000622029_00236_12815_2397.N1	12-AUG-2004 08:20:52	Tw_i_and_stray	61.500	18	24Alp PsA	1.1660	9700.0	123	12815	No
156	GOM_NL__2PRFIN20040812_082650_000000482029_00236_12815_2398.N1	12-AUG-2004 08:26:50	Bright	47.500	142	49Del Cap	2.8500	8900.0	95	12815	No
157	GOM_NL__2PRFIN20040812_083025_000000432029_00236_12815_2399.N1	12-AUG-2004 08:30:25	Bright	43.000	154	22Bet Aqr	2.8990	5700.0	86	12815	No
158	GOM_NL__2PRFIN20040812_083239_000000532029_00236_12815_2400.N1	12-AUG-2004 08:32:39	Bright	52.500	162	34Alp Aqr	2.9440	5350.0	105	12815	No
159	GOM_NL__2PRFIN20040812_083444_000000392029_00236_12815_2401.N1	12-AUG-2004 08:34:44	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	12815	No
160	GOM_NL__2PRFIN20040812_083630_000000372029_00236_12815_2402.N1	12-AUG-2004 08:36:30	Bright	36.500	168	17Zet Aql	2.9860	11000.	73	12815	No



161	GOM_NL__2PRFIN20040812_084218_000000422029_00236_12815_2403.N1	12-AUG-2004 08:42:18	Bright	41.500	92	53Eps Cyg	2.5000	4500.0	83	12815	No
162	GOM_NL__2PRFIN20040812_084348_000000402029_00236_12815_2404.N1	12-AUG-2004 08:43:48	Bright	39.500	66	37Gam Cyg	2.2080	5900.0	79	12815	No
163	GOM_NL__2PRFIN20040812_084530_000000432029_00236_12815_2405.N1	12-AUG-2004 08:45:30	Bright	43.000	19	50Alp Cyg	1.2460	10500.	86	12815	No
164	GOM_NL__2PRFIN20040812_084740_000000422029_00236_12815_2406.N1	12-AUG-2004 08:47:40	Bright	41.500	69	33Gam Dra	2.2310	3800.0	83	12815	No
165	GOM_NL__2PRFIN20040812_085054_000000402029_00236_12815_2407.N1	12-AUG-2004 08:50:54	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	12815	No
166	GOM_NL__2PRFIN20040812_085557_000000352029_00236_12815_2408.N1	12-AUG-2004 08:55:57	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	12815	No
167	GOM_NL__2PRFIN20040812_085742_000000382029_00236_12815_2409.N1	12-AUG-2004 08:57:42	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	12815	No
168	GOM_NL__2PRFIN20040812_085941_000000512029_00236_12815_2410.N1	12-AUG-2004 08:59:41	Bright	50.500	110	37Del Cas	2.6780	8900.0	101	12815	No
169	GOM_NL__2PRFIN20040812_090529_000000532029_00236_12815_2411.N1	12-AUG-2004 09:05:29	Bright	52.500	160	23Gam Per	2.9300	4700.0	105	12815	No
170	GOM_NL__2PRFIN20040812_090733_000002552029_00236_12815_2412.N1	12-AUG-2004 09:07:33	Tw_i_and_stray	255.00	53	43Bet And	2.0480	3300.0	510	12815	No
171	GOM_NL__2PRFIN20040812_091304_000000482029_00236_12815_2413.N1	12-AUG-2004 09:13:04	Bright	48.000	107	37The Aur	2.6490	11000.	96	12815	No
172	GOM_NL__2PRFIN20040812_091607_000000532029_00236_12815_2414.N1	12-AUG-2004 09:16:07	Tw_i_and_stray	53.000	28	12Bet Tau	1.6500	15200.	106	12815	No
173	GOM_NL__2PRFIN20040812_091850_000000462029_00236_12815_2415.N1	12-AUG-2004 09:18:50	Tw_i_and_stray	45.500	44	24Gam Gem	1.9280	11000.	91	12815	No
174	GOM_NL__2PRFIN20040812_092135_000000792029_00236_12815_2416.N1	12-AUG-2004 09:21:35	Dark	78.500	13	87Alp Tau	0.86700	3800.0	157	12815	No
175	GOM_NL__2PRFIN20040812_092323_000000512029_00236_12815_2417.N1	12-AUG-2004 09:23:23	Dark	51.000	27	24Gam Ori	1.6360	26000.	102	12815	No
176	GOM_NL__2PRFIN20040812_092519_000000502029_00236_12815_2418.N1	12-AUG-2004 09:25:19	Dark	50.000	30	46Eps Ori	1.6940	30000.	100	12815	No
177	GOM_NL__2PRFIN20040812_092758_000000462029_00236_12815_2419.N1	12-AUG-2004 09:27:58	Dark	46.000	1	9Alp CMa	-1.4400	11000.	92	12815	No
178	GOM_NL__2PRFIN20040812_092937_000000432029_00236_12815_2420.N1	12-AUG-2004 09:29:37	Dark	42.500	179	24Omi2CMa	3.0320	24000.	85	12815	No
179	GOM_NL__2PRFIN20040812_093106_000000452029_00236_12815_2421.N1	12-AUG-2004 09:31:06	Dark	44.500	23	21Eps CMa	1.5020	26000.	89	12815	No
180	GOM_NL__2PRFIN20040812_093311_000000452029_00236_12815_2422.N1	12-AUG-2004 09:33:11	Dark	45.000	117	Pi Pup	2.7060	3800.0	90	12815	No
181	GOM_NL__2PRFIN20040812_093755_000000522029_00236_12815_2423.N1	12-AUG-2004 09:37:55	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	12815	No
182	GOM_NL__2PRFIN20040812_094332_000000532029_00237_12816_2394.N1	12-AUG-2004 09:43:32	Dark	52.500	157	The1Eri	2.9060	9300.0	105	12816	No
183	GOM_NL__2PRFIN20040812_094802_000000482029_00237_12816_2395.N1	12-AUG-2004 09:48:02	Dark	47.500	9	Alp Eri	0.45300	24000.	95	12816	No
184	GOM_NL__2PRFIN20040812_095336_000000672029_00237_12816_2396.N1	12-AUG-2004 09:53:36	Straylight	67.000	84	Alp Phe	2.3970	4500.0	134	12816	No
185	GOM_NL__2PRFIN20040812_095641_000000502029_00237_12816_2397.N1	12-AUG-2004 09:56:41	Straylight	49.500	63	Bet Gru	2.1500	2800.0	99	12816	No
186	GOM_NL__2PRFIN20040812_100128_000000602029_00237_12816_2398.N1	12-AUG-2004 10:01:28	Tw_i_and_stray	59.500	18	24Alp PsA	1.1660	9700.0	119	12816	No
187	GOM_NL__2PRFIN20040812_100726_000000472029_00237_12816_2399.N1	12-AUG-2004 10:07:26	Bright	47.000	142	49Del Cap	2.8500	8900.0	94	12816	No
188	GOM_NL__2PRFIN20040812_101101_000000462029_00237_12816_2400.N1	12-AUG-2004 10:11:01	Bright	46.000	154	22Bet Aqr	2.8990	5700.0	92	12816	No
189	GOM_NL__2PRFIN20040812_101315_000000522029_00237_12816_2401.N1	12-AUG-2004 10:13:15	Bright	51.500	162	34Alp Aqr	2.9440	5350.0	103	12816	No
190	GOM_NL__2PRFIN20040812_101519_000000382029_00237_12816_2402.N1	12-AUG-2004 10:15:19	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	12816	No
191	GOM_NL__2PRFIN20040812_101706_000000382029_00237_12816_2403.N1	12-AUG-2004 10:17:06	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	12816	No
192	GOM_NL__2PRFIN20040812_102253_000000422029_00237_12816_2404.N1	12-AUG-2004 10:22:53	Bright	42.000	92	53Eps Cyg	2.5000	4500.0	84	12816	No
193	GOM_NL__2PRFIN20040812_102424_000000412029_00237_12816_2405.N1	12-AUG-2004 10:24:24	Bright	41.000	66	37Gam Cyg	2.2080	5900.0	82	12816	No
194	GOM_NL__2PRFIN20040812_102605_000000432029_00237_12816_2406.N1	12-AUG-2004 10:26:05	Bright	43.000	19	50Alp Cyg	1.2460	10500.	86	12816	No
195	GOM_NL__2PRFIN20040812_102815_000000392029_00237_12816_2407.N1	12-AUG-2004 10:28:15	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	12816	No
196	GOM_NL__2PRFIN20040812_103129_000000412029_00237_12816_2408.N1	12-AUG-2004 10:31:29	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	12816	No
197	GOM_NL__2PRFIN20040812_103633_000000382029_00237_12816_2409.N1	12-AUG-2004 10:36:33	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	12816	No
198	GOM_NL__2PRFIN20040812_103817_000000392029_00237_12816_2410.N1	12-AUG-2004 10:38:17	Bright	39.000	49	1Alp UMi	1.9900	6300.0	78	12816	No
199	GOM_NL__2PRFIN20040812_104017_000000512029_00237_12816_2411.N1	12-AUG-2004 10:40:17	Bright	50.500	110	37Del Cas	2.6780	8900.0	101	12816	No
200	GOM_NL__2PRFIN20040812_104604_000000542029_00237_12816_2412.N1	12-AUG-2004 10:46:04	Bright	54.000	160	23Gam Per	2.9300	4700.0	108	12816	No
201	GOM_NL__2PRFIN20040812_104806_000002552029_00237_12816_2413.N1	12-AUG-2004 10:48:06	Tw_i_and_stray	255.00	53	43Bet And	2.0480	3300.0	510	12816	No
202	GOM_NL__2PRFIN20040812_105340_000000412029_00237_12816_2414.N1	12-AUG-2004 10:53:40	Bright	41.000	107	37The Aur	2.6490	11000.	82	12816	No
203	GOM_NL__2PRFIN20040812_105643_000000522029_00237_12816_2415.N1	12-AUG-2004 10:56:43	Tw_i_and_stray	52.000	28	12Bet Tau	1.6500	15200.	104	12816	No
204	GOM_NL__2PRFIN20040812_105926_000000452029_00237_12816_2416.N1	12-AUG-2004 10:59:26	Tw_i_and_stray	44.500	44	24Gam Gem	1.9280	11000.	89	12816	No
205	GOM_NL__2PRFIN20040812_110211_000000752029_00237_12816_2417.N1	12-AUG-2004 11:02:11	Dark	74.500	13	87Alp Tau	0.86700	3800.0	149	12816	No
206	GOM_NL__2PRFIN20040812_110400_000000532029_00237_12816_2418.N1	12-AUG-2004 11:04:00	Dark	53.000	27	24Gam Ori	1.6360	26000.	106	12816	No
207	GOM_NL__2PRFIN20040812_110555_000000522029_00237_12816_2419.N1	12-AUG-2004 11:05:55	Dark	51.500	30	46Eps Ori	1.6940	30000.	103	12816	No
208	GOM_NL__2PRFIN20040812_110834_000000452029_00237_12816_2420.N1	12-AUG-2004 11:08:34	Dark	45.000	1	9Alp CMa	-1.4400	11000.	90	12816	No
209	GOM_NL__2PRFIN20040812_111013_000000432029_00237_12816_2421.N1	12-AUG-2004 11:10:13	Dark	42.500	179	24Omi2CMa	3.0320	24000.	85	12816	No
210	GOM_NL__2PRFIN20040812_111142_000000452029_00237_12816_2422.N1	12-AUG-2004 11:11:42	Dark	44.500	23	21Eps CMa	1.5020	26000.	89	12816	No
211	GOM_NL__2PRFIN20040812_111347_000000452029_00237_12816_2423.N1	12-AUG-2004 11:13:47	Dark	44.500	117	Pi Pup	2.7060	3800.0	89	12816	No
212	GOM_NL__2PRFIN20040812_111831_000000522029_00237_12816_2424.N1	12-AUG-2004 11:18:31	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	12816	No
213	GOM_NL__2PRFIN20040812_112408_000000522029_00238_12817_2395.N1	12-AUG-2004 11:24:08	Dark	52.000	157	The1Eri	2.9060	9300.0	104	12817	No
214	GOM_NL__2PRFIN20040812_112838_000000462029_00238_12817_2396.N1	12-AUG-2004 11:28:38	Dark	45.500	9	Alp Eri	0.45300	24000.	91	12817	No
215	GOM_NL__2PRFIN20040812_113411_000000612029_00238_12817_2397.N1	12-AUG-2004 11:34:11	Straylight	61.000	84	Alp Phe	2.3970	4500.0	122	12817	No
216	GOM_NL__2PRFIN20040812_113717_000000492029_00238_12817_2398.N1	12-AUG-2004 11:37:17	Straylight	49.000	63	Bet Gru	2.1500	2800.0	98	12817	No
217	GOM_NL__2PRFIN20040812_114204_000000622029_00238_12817_2399.N1	12-AUG-2004 11:42:04	Tw_i_and_stray	62.000	18	24Alp PsA	1.1660	9700.0	124	12817	No
218	GOM_NL__2PRFIN20040812_114801_000000482029_00238_12817_2400.N1	12-AUG-2004 11:48:01	Bright	48.000	142	49Del Cap	2.8500	8900.0	96	12817	No
219	GOM_NL__2PRFIN20040812_115136_000000462029_00238_12817_2401.N1	12-AUG-2004 11:51:36	Bright	46.000	154	22Bet Aqr	2.8990	5700.0	92	12817	No

220	GOM_NL__2PRFIN20040812_115350_00000532029_00238_12817_2402.N1	12-AUG-2004 11:53:50	Bright	53.000	162	34Alp Aqr	2.9440	5350.0	106	12817	No
221	GOM_NL__2PRFIN20040812_115555_00000412029_00238_12817_2403.N1	12-AUG-2004 11:55:55	Bright	40.500	11	53Alp Aql	0.76500	8000.0	81	12817	No
222	GOM_NL__2PRFIN20040812_115741_00000392029_00238_12817_2404.N1	12-AUG-2004 11:57:41	Bright	38.500	168	17Zet Aql	2.9860	11000.	77	12817	No
223	GOM_NL__2PRFIN20040812_120329_00000412029_00238_12817_2405.N1	12-AUG-2004 12:03:29	Bright	40.500	92	53Eps Cyg	2.5000	4500.0	81	12817	No
224	GOM_NL__2PRFIN20040812_120459_00000422029_00238_12817_2406.N1	12-AUG-2004 12:04:59	Bright	41.500	66	37Gam Cyg	2.2080	5900.0	83	12817	No
225	GOM_NL__2PRFIN20040812_120640_00000422029_00238_12817_2407.N1	12-AUG-2004 12:06:40	Bright	42.000	19	50Alp Cyg	1.2460	10500.	84	12817	No
226	GOM_NL__2PRFIN20040812_120852_00000412029_00238_12817_2408.N1	12-AUG-2004 12:08:52	Bright	41.000	69	33Gam Dra	2.2310	3800.0	82	12817	No
227	GOM_NL__2PRFIN20040812_121204_00000422029_00238_12817_2409.N1	12-AUG-2004 12:12:04	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	12817	No
228	GOM_NL__2PRFIN20040812_121710_00000392029_00238_12817_2410.N1	12-AUG-2004 12:17:10	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	12817	No
229	GOM_NL__2PRFIN20040812_121853_00000402029_00238_12817_2411.N1	12-AUG-2004 12:18:53	Bright	40.000	49	1Alp UMi	1.9900	6300.0	80	12817	No
230	GOM_NL__2PRFIN20040812_122053_00000612029_00238_12817_2412.N1	12-AUG-2004 12:20:53	Bright	60.500	110	37Del Cas	2.6780	8900.0	121	12817	No
231	GOM_NL__2PRFIN20040812_122640_00000522029_00238_12817_2413.N1	12-AUG-2004 12:26:40	Bright	51.500	160	23Gam Per	2.9300	4700.0	103	12817	No
232	GOM_NL__2PRFIN20040812_122839_000002552029_00238_12817_2414.N1	12-AUG-2004 12:28:39	Twilight	255.00	53	43Bet And	2.0480	3300.0	510	12817	No
233	GOM_NL__2PRFIN20040812_123416_00000422029_00238_12817_2415.N1	12-AUG-2004 12:34:16	Bright	41.500	107	37The Aur	2.6490	11000.	83	12817	No
234	GOM_NL__2PRFIN20040812_123719_00000502029_00238_12817_2416.N1	12-AUG-2004 12:37:19	Twilight	50.000	28	12Bet Tau	1.6500	15200.	100	12817	No
235	GOM_NL__2PRFIN20040812_124004_00000422029_00238_12817_2417.N1	12-AUG-2004 12:40:04	Twilight	41.500	44	24Gam Gem	1.9280	11000.	83	12817	No
236	GOM_NL__2PRFIN20040812_124247_00000702029_00238_12817_2418.N1	12-AUG-2004 12:42:47	Dark	69.500	13	87Alp Tau	0.86700	3800.0	139	12817	No
237	GOM_NL__2PRFIN20040812_124435_00000532029_00238_12817_2419.N1	12-AUG-2004 12:44:35	Dark	53.000	27	24Gam Ori	1.6360	26000.	106	12817	No
238	GOM_NL__2PRFIN20040812_124631_00000502029_00238_12817_2420.N1	12-AUG-2004 12:46:31	Dark	49.500	30	46Eps Ori	1.6940	30000.	99	12817	No
239	GOM_NL__2PRFIN20040812_124909_00000482029_00238_12817_2421.N1	12-AUG-2004 12:49:09	Dark	48.000	1	9Alp CMa	-1.4400	11000.	96	12817	No
240	GOM_NL__2PRFIN20040812_125050_00000412029_00238_12817_2422.N1	12-AUG-2004 12:50:50	Dark	41.000	179	24Omi2CMa	3.0320	24000.	82	12817	No
241	GOM_NL__2PRFIN20040812_125218_00000422029_00238_12817_2423.N1	12-AUG-2004 12:52:18	Dark	42.000	23	21Eps CMa	1.5020	26000.	84	12817	No
242	GOM_NL__2PRFIN20040812_125422_00000452029_00238_12817_2424.N1	12-AUG-2004 12:54:22	Dark	45.000	117	Pi Pup	2.7060	3800.0	90	12817	No
243	GOM_NL__2PRFIN20040812_125907_00000492029_00238_12817_2425.N1	12-AUG-2004 12:59:07	Dark	49.000	2	Alp Car	-0.73600	7000.0	98	12817	No
244	GOM_NL__2PRFIN20040812_130445_00000532029_00239_12818_2395.N1	12-AUG-2004 13:04:45	Dark	53.000	157	The1Eri	2.9060	9300.0	106	12818	No
245	GOM_NL__2PRFIN20040812_130915_00000492029_00239_12818_2396.N1	12-AUG-2004 13:09:15	Dark	49.000	9	Alp Eri	0.45300	24000.	98	12818	No
246	GOM_NL__2PRFIN20040812_131450_00000592029_00239_12818_2397.N1	12-AUG-2004 13:14:50	Straylight	59.000	84	Alp Phe	2.3970	4500.0	118	12818	No
247	GOM_NL__2PRFIN20040812_131753_00000492029_00239_12818_2398.N1	12-AUG-2004 13:17:53	Straylight	48.500	63	Bet Gru	2.1500	2800.0	97	12818	No
248	GOM_NL__2PRFIN20040812_132241_00000642029_00239_12818_2399.N1	12-AUG-2004 13:22:41	Twilight	63.500	18	24Alp PsA	1.1660	9700.0	127	12818	No
249	GOM_NL__2PRFIN20040812_132837_00000462029_00239_12818_2400.N1	12-AUG-2004 13:28:37	Bright	46.000	142	49Del Cap	2.8500	8900.0	92	12818	No
250	GOM_NL__2PRFIN20040812_133213_00000462029_00239_12818_2401.N1	12-AUG-2004 13:32:13	Bright	45.500	154	22Bet Aqr	2.8990	5700.0	91	12818	No
251	GOM_NL__2PRFIN20040812_133426_00000532029_00239_12818_2402.N1	12-AUG-2004 13:34:26	Bright	52.500	162	34Alp Aqr	2.9440	5350.0	105	12818	No
252	GOM_NL__2PRFIN20040812_133630_00000382029_00239_12818_2403.N1	12-AUG-2004 13:36:30	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	12818	No
253	GOM_NL__2PRFIN20040812_133817_00000372029_00239_12818_2404.N1	12-AUG-2004 13:38:17	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	12818	No
254	GOM_NL__2PRFIN20040812_134404_00000392029_00239_12818_2405.N1	12-AUG-2004 13:44:04	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	12818	No
255	GOM_NL__2PRFIN20040812_134535_00000412029_00239_12818_2406.N1	12-AUG-2004 13:45:35	Bright	40.500	66	37Gam Cyg	2.2080	5900.0	81	12818	No
256	GOM_NL__2PRFIN20040812_134716_00000442029_00239_12818_2407.N1	12-AUG-2004 13:47:16	Bright	43.500	19	50Alp Cyg	1.2460	10500.	87	12818	No
257	GOM_NL__2PRFIN20040812_134928_00000362029_00239_12818_2408.N1	12-AUG-2004 13:49:28	Bright	36.000	69	33Gam Dra	2.2310	3800.0	72	12818	No
258	GOM_NL__2PRFIN20040812_135240_00000422029_00239_12818_2409.N1	12-AUG-2004 13:52:40	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	12818	No
259	GOM_NL__2PRFIN20040812_135746_00000382029_00239_12818_2410.N1	12-AUG-2004 13:57:46	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	12818	No
260	GOM_NL__2PRFIN20040812_135929_00000392029_00239_12818_2411.N1	12-AUG-2004 13:59:29	Bright	39.000	49	1Alp UMi	1.9900	6300.0	78	12818	No
261	GOM_NL__2PRFIN20040812_140128_00000492029_00239_12818_2412.N1	12-AUG-2004 14:01:28	Bright	49.000	110	37Del Cas	2.6780	8900.0	98	12818	No
262	GOM_NL__2PRFIN20040812_140715_00000522029_00239_12818_2413.N1	12-AUG-2004 14:07:15	Bright	52.000	160	23Gam Per	2.9300	4700.0	104	12818	No
263	GOM_NL__2PRFIN20040812_140912_000002552029_00239_12818_2414.N1	12-AUG-2004 14:09:12	Twilight	255.00	53	43Bet And	2.0480	3300.0	510	12818	No
264	GOM_NL__2PRFIN20040812_141454_00000402029_00239_12818_2415.N1	12-AUG-2004 14:14:54	Bright	40.000	107	37The Aur	2.6490	11000.	80	12818	No
265	GOM_NL__2PRFIN20040812_141755_00000522029_00239_12818_2416.N1	12-AUG-2004 14:17:55	Twilight	52.000	28	12Bet Tau	1.6500	15200.	104	12818	No
266	GOM_NL__2PRFIN20040812_142040_00000402029_00239_12818_2417.N1	12-AUG-2004 14:20:40	Twilight	39.500	44	24Gam Gem	1.9280	11000.	79	12818	No
267	GOM_NL__2PRFIN20040812_142324_00000732029_00239_12818_2418.N1	12-AUG-2004 14:23:24	Dark	73.000	13	87Alp Tau	0.86700	3800.0	146	12818	No
268	GOM_NL__2PRFIN20040812_142512_00000512029_00239_12818_2419.N1	12-AUG-2004 14:25:12	Dark	51.000	27	24Gam Ori	1.6360	26000.	102	12818	No
269	GOM_NL__2PRFIN20040812_142709_00000512029_00239_12818_2420.N1	12-AUG-2004 14:27:09	Dark	51.000	30	46Eps Ori	1.6940	30000.	102	12818	No
270	GOM_NL__2PRFIN20040812_142945_00000522029_00239_12818_2421.N1	12-AUG-2004 14:29:45	Dark	52.000	1	9Alp CMa	-1.4400	11000.	104	12818	No
271	GOM_NL__2PRFIN20040812_143125_00000432029_00239_12818_2422.N1	12-AUG-2004 14:31:25	Dark	43.000	179	24Omi2CMa	3.0320	24000.	86	12818	No
272	GOM_NL__2PRFIN20040812_143254_00000452029_00239_12818_2423.N1	12-AUG-2004 14:32:54	Dark	44.500	23	21Eps CMa	1.5020	26000.	89	12818	No
273	GOM_NL__2PRFIN20040812_143458_00000442029_00239_12818_2424.N1	12-AUG-2004 14:34:58	Dark	43.500	117	Pi Pup	2.7060	3800.0	87	12818	No
274	GOM_NL__2PRFIN20040812_143941_00000502029_00239_12818_2425.N1	12-AUG-2004 14:39:41	Dark	50.000	2	Alp Car	-0.73600	7000.0	100	12818	No
275	GOM_NL__2PRFIN20040812_144523_00000522029_00240_12819_2395.N1	12-AUG-2004 14:45:23	Dark	51.500	157	The1Eri	2.9060	9300.0	103	12819	No
276	GOM_NL__2PRFIN20040812_144952_00000462029_00240_12819_2396.N1	12-AUG-2004 14:49:52	Dark	46.000	9	Alp Eri	0.45300	24000.	92	12819	No
277	GOM_NL__2PRFIN20040812_145527_00000562029_00240_12819_2397.N1	12-AUG-2004 14:55:27	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	12819	No
278	GOM_NL__2PRFIN20040812_145830_00000482029_00240_12819_2398.N1	12-AUG-2004 14:58:30	Straylight	48.000	63	Bet Gru	2.1500	2800.0	96	12819	No

279	GOM_NL__2PRFIN20040812_150317_000000612029_00240_12819_2399.N1	12-AUG-2004 15:03:17	Twilight	61.000	18	24Alp PsA	1.1660	9700.0	122	12819	No
280	GOM_NL__2PRFIN20040812_150913_000000472029_00240_12819_2400.N1	12-AUG-2004 15:09:13	Bright	46.500	142	49Del Cap	2.8500	8900.0	93	12819	No
281	GOM_NL__2PRFIN20040812_151248_000000462029_00240_12819_2401.N1	12-AUG-2004 15:12:48	Bright	45.500	154	22Bet Aqr	2.8990	5700.0	91	12819	No
282	GOM_NL__2PRFIN20040812_151502_000000532029_00240_12819_2402.N1	12-AUG-2004 15:15:02	Bright	52.500	162	34Alp Aqr	2.9440	5350.0	105	12819	No
283	GOM_NL__2PRFIN20040812_151707_000000372029_00240_12819_2403.N1	12-AUG-2004 15:17:07	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	12819	No
284	GOM_NL__2PRFIN20040812_151854_000000362029_00240_12819_2404.N1	12-AUG-2004 15:18:54	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	12819	No
285	GOM_NL__2PRFIN20040812_152440_000000422029_00240_12819_2405.N1	12-AUG-2004 15:24:40	Bright	42.000	92	53Eps Cyg	2.5000	4500.0	84	12819	No
286	GOM_NL__2PRFIN20040812_152611_000000412029_00240_12819_2406.N1	12-AUG-2004 15:26:11	Bright	40.500	66	37Gam Cyg	2.2080	5900.0	81	12819	No
287	GOM_NL__2PRFIN20040812_152752_000000412029_00240_12819_2407.N1	12-AUG-2004 15:27:52	Bright	40.500	19	50Alp Cyg	1.2460	10500.	81	12819	No
288	GOM_NL__2PRFIN20040812_153004_000000412029_00240_12819_2408.N1	12-AUG-2004 15:30:04	Bright	40.500	69	33Gam Dra	2.2310	3800.0	81	12819	No
289	GOM_NL__2PRFIN20040812_153316_000000412029_00240_12819_2409.N1	12-AUG-2004 15:33:16	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	12819	No
290	GOM_NL__2PRFIN20040812_153822_000000352029_00240_12819_2410.N1	12-AUG-2004 15:38:22	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	12819	No
291	GOM_NL__2PRFIN20040812_154006_000000382029_00240_12819_2411.N1	12-AUG-2004 15:40:06	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	12819	No
292	GOM_NL__2PRFIN20040812_154203_000000492029_00240_12819_2412.N1	12-AUG-2004 15:42:03	Bright	49.000	110	37Del Cas	2.6780	8900.0	98	12819	No
293	GOM_NL__2PRFIN20040812_154750_000000512029_00240_12819_2413.N1	12-AUG-2004 15:47:50	Bright	51.000	160	23Gam Per	2.9300	4700.0	102	12819	No
294	GOM_NL__2PRFIN20040812_154945_0000002552029_00240_12819_2414.N1	12-AUG-2004 15:49:45	Twilight	255.00	53	43Bet And	2.0480	3300.0	510	12819	No
295	GOM_NL__2PRFIN20040812_155531_000000392029_00240_12819_2415.N1	12-AUG-2004 15:55:31	Bright	38.500	107	37The Aur	2.6490	11000.	77	12819	No
296	GOM_NL__2PRFIN20040812_155831_000000512029_00240_12819_2416.N1	12-AUG-2004 15:58:31	Twilight	50.500	28	12Bet Tau	1.6500	15200.	101	12819	No
297	GOM_NL__2PRFIN20040812_160118_000000382029_00240_12819_2417.N1	12-AUG-2004 16:01:18	Twilight	38.000	44	24Gam Gem	1.9280	11000.	76	12819	No
298	GOM_NL__2PRFIN20040812_160400_000000792029_00240_12819_2418.N1	12-AUG-2004 16:04:00	Dark	79.000	13	87Alp Tau	0.86700	3800.0	158	12819	No
299	GOM_NL__2PRFIN20040812_160549_000000492029_00240_12819_2419.N1	12-AUG-2004 16:05:49	Dark	49.000	27	24Gam Ori	1.6360	26000.	98	12819	No
300	GOM_NL__2PRFIN20040812_160745_000000502029_00240_12819_2420.N1	12-AUG-2004 16:07:45	Dark	49.500	30	46Eps Ori	1.6940	30000.	99	12819	No
301	GOM_NL__2PRFIN20040812_161023_000000442029_00240_12819_2421.N1	12-AUG-2004 16:10:23	Dark	43.500	1	9Alp CMa	-1.4400	11000.	87	12819	No
302	GOM_NL__2PRFIN20040812_161203_000000392029_00240_12819_2422.N1	12-AUG-2004 16:12:03	Dark	38.500	179	24Omi2CMa	3.0320	24000.	77	12819	No
303	GOM_NL__2PRFIN20040812_161331_000000432029_00240_12819_2423.N1	12-AUG-2004 16:13:31	Dark	42.500	23	21Eps CMa	1.5020	26000.	85	12819	No
304	GOM_NL__2PRFIN20040812_161535_000000462029_00240_12819_2424.N1	12-AUG-2004 16:15:35	Dark	45.500	117	Pi Pup	2.7060	3800.0	91	12819	No
305	GOM_NL__2PRFIN20040812_162020_000000522029_00240_12819_2425.N1	12-AUG-2004 16:20:20	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	12819	No
306	GOM_NL__2PRFIN20040812_162600_000000522029_00241_12820_2395.N1	12-AUG-2004 16:26:00	Dark	51.500	157	The1Eri	2.9060	9300.0	103	12820	No
307	GOM_NL__2PRFIN20040812_163028_000000462029_00241_12820_2396.N1	12-AUG-2004 16:30:28	Dark	45.500	9	Alp Eri	0.45300	24000.	91	12820	No
308	GOM_NL__2PRFIN20040812_163604_000000542029_00241_12820_2397.N1	12-AUG-2004 16:36:04	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	12820	No
309	GOM_NL__2PRFIN20040812_163911_000000432029_00241_12820_2398.N1	12-AUG-2004 16:39:11	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	12820	No
310	GOM_NL__2PRFIN20040812_164354_000000622029_00241_12820_2399.N1	12-AUG-2004 16:43:54	Twilight	61.500	18	24Alp PsA	1.1660	9700.0	123	12820	No
311	GOM_NL__2PRFIN20040812_164949_000000472029_00241_12820_2400.N1	12-AUG-2004 16:49:49	Bright	46.500	142	49Del Cap	2.8500	8900.0	93	12820	No
312	GOM_NL__2PRFIN20040812_165324_000000462029_00241_12820_2401.N1	12-AUG-2004 16:53:24	Bright	46.000	154	22Bet Aqr	2.8990	5700.0	92	12820	No
313	GOM_NL__2PRFIN20040812_165537_000000542029_00241_12820_2402.N1	12-AUG-2004 16:55:37	Bright	53.500	162	34Alp Aqr	2.9440	5350.0	107	12820	No
314	GOM_NL__2PRFIN20040812_165743_000000382029_00241_12820_2403.N1	12-AUG-2004 16:57:43	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	12820	No
315	GOM_NL__2PRFIN20040812_165929_000000382029_00241_12820_2404.N1	12-AUG-2004 16:59:29	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	12820	No
316	GOM_NL__2PRFIN20040812_170516_000000412029_00241_12820_2405.N1	12-AUG-2004 17:05:16	Bright	40.500	92	53Eps Cyg	2.5000	4500.0	81	12820	No
317	GOM_NL__2PRFIN20040812_170646_000000422029_00241_12820_2406.N1	12-AUG-2004 17:06:46	Bright	41.500	66	37Gam Cyg	2.2080	5900.0	83	12820	No
318	GOM_NL__2PRFIN20040812_170827_000000412029_00241_12820_2407.N1	12-AUG-2004 17:08:27	Bright	40.500	19	50Alp Cyg	1.2460	10500.	81	12820	No
319	GOM_NL__2PRFIN20040812_171041_000000412029_00241_12820_2408.N1	12-AUG-2004 17:10:41	Bright	40.500	69	33Gam Dra	2.2310	3800.0	81	12820	No
320	GOM_NL__2PRFIN20040812_171351_000000412029_00241_12820_2409.N1	12-AUG-2004 17:13:51	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	12820	No
321	GOM_NL__2PRFIN20040812_171858_000000402029_00241_12820_2410.N1	12-AUG-2004 17:18:58	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	12820	No
322	GOM_NL__2PRFIN20040812_172040_000000392029_00241_12820_2411.N1	12-AUG-2004 17:20:40	Bright	39.000	49	1Alp UMi	1.9900	6300.0	78	12820	No
323	GOM_NL__2PRFIN20040812_172238_000000502029_00241_12820_2412.N1	12-AUG-2004 17:22:38	Bright	49.500	110	37Del Cas	2.6780	8900.0	99	12820	No
324	GOM_NL__2PRFIN20040812_173019_0000002552029_00241_12820_2413.N1	12-AUG-2004 17:30:19	Twilight	255.00	53	43Bet And	2.0480	3300.0	510	12820	No
325	GOM_NL__2PRFIN20040812_173908_000000522029_00241_12820_2414.N1	12-AUG-2004 17:39:08	Twilight	52.000	28	12Bet Tau	1.6500	15200.	104	12820	No
326	GOM_NL__2PRFIN20040812_174153_000000412029_00241_12820_2415.N1	12-AUG-2004 17:41:53	Twilight	40.500	44	24Gam Gem	1.9280	11000.	81	12820	No
327	GOM_NL__2PRFIN20040812_174437_000000792029_00241_12820_2416.N1	12-AUG-2004 17:44:37	Dark	79.000	13	87Alp Tau	0.86700	3800.0	158	12820	No
328	GOM_NL__2PRFIN20040812_174625_000000512029_00241_12820_2417.N1	12-AUG-2004 17:46:25	Dark	50.500	27	24Gam Ori	1.6360	26000.	101	12820	No
329	GOM_NL__2PRFIN20040812_174821_000000502029_00241_12820_2418.N1	12-AUG-2004 17:48:21	Dark	49.500	30	46Eps Ori	1.6940	30000.	99	12820	No
330	GOM_NL__2PRFIN20040812_175059_000000462029_00241_12820_2419.N1	12-AUG-2004 17:50:59	Dark	45.500	1	9Alp CMa	-1.4400	11000.	91	12820	No
331	GOM_NL__2PRFIN20040812_175237_000000422029_00241_12820_2420.N1	12-AUG-2004 17:52:37	Dark	41.500	179	24Omi2CMa	3.0320	24000.	83	12820	No
332	GOM_NL__2PRFIN20040812_175407_000000432029_00241_12820_2421.N1	12-AUG-2004 17:54:07	Dark	42.500	23	21Eps CMa	1.5020	26000.	85	12820	No
333	GOM_NL__2PRFIN20040812_175611_000000432029_00241_12820_2422.N1	12-AUG-2004 17:56:11	Dark	42.500	117	Pi Pup	2.7060	3800.0	85	12820	No
334	GOM_NL__2PRFIN20040812_180056_000000462029_00241_12820_2423.N1	12-AUG-2004 18:00:56	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	12820	No
335	GOM_NL__2PRFIN20040812_180637_000000542029_00242_12821_2395.N1	12-AUG-2004 18:06:37	Dark	53.500	157	The1Eri	2.9060	9300.0	107	12821	No
336	GOM_NL__2PRFIN20040812_181105_000000482029_00242_12821_2396.N1	12-AUG-2004 18:11:05	Dark	48.000	9	Alp Eri	0.45300	24000.	96	12821	No
337	GOM_NL__2PRFIN20040812_181641_000000572029_00242_12821_2397.N1	12-AUG-2004 18:16:41	Straylight	57.000	84	Alp Phe	2.3970	4500.0	114	12821	No



338	GOM_NL__2PRFIN20040812_181948_000000402029_00242_12821_2398.N1	12-AUG-2004 18:19:48	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	12821	No
339	GOM_NL__2PRFIN20040812_182430_000000632029_00242_12821_2399.N1	12-AUG-2004 18:24:30	Tw_i_and_stray	62.500	18	24Alp PsA	1.1660	9700.0	125	12821	No
340	GOM_NL__2PRFIN20040812_183025_000000482029_00242_12821_2400.N1	12-AUG-2004 18:30:25	Bright	47.500	142	49Del Cap	2.8500	8900.0	95	12821	No
341	GOM_NL__2PRFIN20040812_183400_000000462029_00242_12821_2401.N1	12-AUG-2004 18:34:00	Bright	46.000	154	22Bet Aqr	2.8990	5700.0	92	12821	No
342	GOM_NL__2PRFIN20040812_183613_000000532029_00242_12821_2402.N1	12-AUG-2004 18:36:13	Bright	52.500	162	34Alp Aqr	2.9440	5350.0	105	12821	No
343	GOM_NL__2PRFIN20040812_183819_000000392029_00242_12821_2403.N1	12-AUG-2004 18:38:19	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	12821	No
344	GOM_NL__2PRFIN20040812_184006_000000372029_00242_12821_2404.N1	12-AUG-2004 18:40:06	Bright	36.500	168	17Zet Aql	2.9860	11000.	73	12821	No
345	GOM_NL__2PRFIN20040812_184551_000000402029_00242_12821_2405.N1	12-AUG-2004 18:45:51	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	12821	No
346	GOM_NL__2PRFIN20040812_184723_000000402029_00242_12821_2406.N1	12-AUG-2004 18:47:23	Bright	39.500	66	37Gam Cyg	2.2080	5900.0	79	12821	No
347	GOM_NL__2PRFIN20040812_184904_000000422029_00242_12821_2407.N1	12-AUG-2004 18:49:04	Bright	41.500	19	50Alp Cyg	1.2460	10500.	83	12821	No
348	GOM_NL__2PRFIN20040812_185118_000000392029_00242_12821_2408.N1	12-AUG-2004 18:51:18	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	12821	No
349	GOM_NL__2PRFIN20040812_185427_000000412029_00242_12821_2409.N1	12-AUG-2004 18:54:27	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	12821	No
350	GOM_NL__2PRFIN20040812_185935_000000392029_00242_12821_2410.N1	12-AUG-2004 18:59:35	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	12821	No
351	GOM_NL__2PRFIN20040812_190118_000000392029_00242_12821_2411.N1	12-AUG-2004 19:01:18	Bright	38.500	49	1Alp UMi	1.9900	6300.0	77	12821	No
352	GOM_NL__2PRFIN20040812_190313_000000512029_00242_12821_2412.N1	12-AUG-2004 19:03:13	Bright	51.000	110	37Del Cas	2.6780	8900.0	102	12821	No
353	GOM_NL__2PRFIN20040812_191052_000002552029_00242_12821_2413.N1	12-AUG-2004 19:10:52	Tw_i_and_stray	255.00	53	43Bet And	2.0480	3300.0	510	12821	No
354	GOM_NL__2PRFIN20040812_191944_000000512029_00242_12821_2414.N1	12-AUG-2004 19:19:44	Tw_i_and_stray	50.500	28	12Bet Tau	1.6500	15200.	101	12821	No
355	GOM_NL__2PRFIN20040812_192230_000000432029_00242_12821_2415.N1	12-AUG-2004 19:22:30	Tw_i_and_stray	43.000	44	24Gam Gem	1.9280	11000.	86	12821	No
356	GOM_NL__2PRFIN20040812_192514_000000712029_00242_12821_2416.N1	12-AUG-2004 19:25:14	Dark	70.500	13	87Alp Tau	0.86700	3800.0	141	12821	No
357	GOM_NL__2PRFIN20040812_192702_000000532029_00242_12821_2417.N1	12-AUG-2004 19:27:02	Dark	52.500	27	24Gam Ori	1.6360	26000.	105	12821	No
358	GOM_NL__2PRFIN20040812_192858_000000512029_00242_12821_2418.N1	12-AUG-2004 19:28:58	Dark	51.000	30	46Eps Ori	1.6940	30000.	102	12821	No
359	GOM_NL__2PRFIN20040812_193135_000000512029_00242_12821_2419.N1	12-AUG-2004 19:31:35	Dark	51.000	1	9Alp CMa	-1.4400	11000.	102	12821	No
360	GOM_NL__2PRFIN20040812_193316_000000412029_00242_12821_2420.N1	12-AUG-2004 19:33:16	Dark	41.000	179	24Omi2CMa	3.0320	24000.	82	12821	No
361	GOM_NL__2PRFIN20040812_193444_000000432029_00242_12821_2421.N1	12-AUG-2004 19:34:44	Dark	42.500	23	21Eps CMa	1.5020	26000.	85	12821	No
362	GOM_NL__2PRFIN20040812_193647_000000422029_00242_12821_2422.N1	12-AUG-2004 19:36:47	Dark	42.000	117	Pi Pup	2.7060	3800.0	84	12821	No
363	GOM_NL__2PRFIN20040812_194132_000000522029_00242_12821_2423.N1	12-AUG-2004 19:41:32	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	12821	No
364	GOM_NL__2PRFIN20040812_194714_000000532029_00243_12822_2395.N1	12-AUG-2004 19:47:14	Dark	52.500	157	The1Eri	2.9060	9300.0	105	12822	No
365	GOM_NL__2PRFIN20040812_195141_000000542029_00243_12822_2396.N1	12-AUG-2004 19:51:41	Dark	54.000	9	Alp Eri	0.45300	24000.	108	12822	No
366	GOM_NL__2PRFIN20040812_195718_000000652029_00243_12822_2397.N1	12-AUG-2004 19:57:18	Straylight	65.000	84	Alp Phe	2.3970	4500.0	130	12822	No
367	GOM_NL__2PRFIN20040812_200024_000000402029_00243_12822_2398.N1	12-AUG-2004 20:00:24	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	12822	No
368	GOM_NL__2PRFIN20040812_200507_000000632029_00243_12822_2399.N1	12-AUG-2004 20:05:07	Tw_i_and_stray	63.000	18	24Alp PsA	1.1660	9700.0	126	12822	No
369	GOM_NL__2PRFIN20040812_201101_000000482029_00243_12822_2400.N1	12-AUG-2004 20:11:01	Bright	48.000	142	49Del Cap	2.8500	8900.0	96	12822	No
370	GOM_NL__2PRFIN20040812_201436_000000462029_00243_12822_2401.N1	12-AUG-2004 20:14:36	Bright	45.500	154	22Bet Aqr	2.8990	5700.0	91	12822	No
371	GOM_NL__2PRFIN20040812_201648_000000532029_00243_12822_2402.N1	12-AUG-2004 20:16:48	Bright	53.000	162	34Alp Aqr	2.9440	5350.0	106	12822	No
372	GOM_NL__2PRFIN20040812_201856_000000382029_00243_12822_2403.N1	12-AUG-2004 20:18:56	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	12822	No
373	GOM_NL__2PRFIN20040812_202042_000000382029_00243_12822_2404.N1	12-AUG-2004 20:20:42	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	12822	No
374	GOM_NL__2PRFIN20040812_202627_000000392029_00243_12822_2405.N1	12-AUG-2004 20:26:27	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	12822	No
375	GOM_NL__2PRFIN20040812_202759_000000402029_00243_12822_2406.N1	12-AUG-2004 20:27:59	Bright	40.000	66	37Gam Cyg	2.2080	5900.0	80	12822	No
376	GOM_NL__2PRFIN20040812_202939_000000422029_00243_12822_2407.N1	12-AUG-2004 20:29:39	Bright	42.000	19	50Alp Cyg	1.2460	10500.	84	12822	No
377	GOM_NL__2PRFIN20040812_203154_000000402029_00243_12822_2408.N1	12-AUG-2004 20:31:54	Bright	40.000	69	33Gam Dra	2.2310	3800.0	80	12822	No
378	GOM_NL__2PRFIN20040812_203503_000000432029_00243_12822_2409.N1	12-AUG-2004 20:35:03	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	12822	No
379	GOM_NL__2PRFIN20040812_204011_000000392029_00243_12822_2410.N1	12-AUG-2004 20:40:11	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	12822	No
380	GOM_NL__2PRFIN20040812_204153_000000372029_00243_12822_2411.N1	12-AUG-2004 20:41:53	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	12822	No
381	GOM_NL__2PRFIN20040812_204348_000000512029_00243_12822_2412.N1	12-AUG-2004 20:43:48	Bright	50.500	110	37Del Cas	2.6780	8900.0	101	12822	No
382	GOM_NL__2PRFIN20040812_205125_000002552029_00243_12822_2413.N1	12-AUG-2004 20:51:25	Tw_i_and_stray	255.00	53	43Bet And	2.0480	3300.0	510	12822	No
383	GOM_NL__2PRFIN20040812_210020_000000512029_00243_12822_2414.N1	12-AUG-2004 21:00:20	Tw_i_and_stray	50.500	28	12Bet Tau	1.6500	15200.	101	12822	No
384	GOM_NL__2PRFIN20040812_210306_000000442029_00243_12822_2415.N1	12-AUG-2004 21:03:06	Tw_i_and_stray	43.500	44	24Gam Gem	1.9280	11000.	87	12822	No
385	GOM_NL__2PRFIN20040812_210549_000000792029_00243_12822_2416.N1	12-AUG-2004 21:05:49	Dark	79.000	13	87Alp Tau	0.86700	3800.0	158	12822	No
386	GOM_NL__2PRFIN20040812_210738_000000512029_00243_12822_2417.N1	12-AUG-2004 21:07:38	Dark	51.000	27	24Gam Ori	1.6360	26000.	102	12822	No
387	GOM_NL__2PRFIN20040812_210934_000000502029_00243_12822_2418.N1	12-AUG-2004 21:09:34	Dark	49.500	30	46Eps Ori	1.6940	30000.	99	12822	No
388	GOM_NL__2PRFIN20040812_211212_000000452029_00243_12822_2419.N1	12-AUG-2004 21:12:12	Dark	44.500	1	9Alp CMa	-1.4400	11000.	89	12822	No
389	GOM_NL__2PRFIN20040812_211352_000000412029_00243_12822_2420.N1	12-AUG-2004 21:13:52	Dark	40.500	179	24Omi2CMa	3.0320	24000.	81	12822	No
390	GOM_NL__2PRFIN20040812_211519_000000422029_00243_12822_2421.N1	12-AUG-2004 21:15:19	Dark	42.000	23	21Eps CMa	1.5020	26000.	84	12822	No
391	GOM_NL__2PRFIN20040812_211723_000000482029_00243_12822_2422.N1	12-AUG-2004 21:17:23	Dark	48.000	117	Pi Pup	2.7060	3800.0	96	12822	No
392	GOM_NL__2PRFIN20040812_212208_000000452029_00243_12822_2423.N1	12-AUG-2004 21:22:08	Dark	45.000	2	Alp Car	-0.73600	7000.0	90	12822	No
393	GOM_NL__2PRFIN20040812_212751_000000532029_00244_12823_2395.N1	12-AUG-2004 21:27:51	Dark	53.000	157	The1Eri	2.9060	9300.0	106	12823	No
394	GOM_NL__2PRFIN20040812_213218_000000482029_00244_12823_2396.N1	12-AUG-2004 21:32:18	Dark	47.500	9	Alp Eri	0.45300	24000.	95	12823	No
395	GOM_NL__2PRFIN20040812_213754_000000652029_00244_12823_2397.N1	12-AUG-2004 21:37:54	Straylight	65.000	84	Alp Phe	2.3970	4500.0	130	12823	No
396	GOM_NL__2PRFIN20040812_214059_000000412029_00244_12823_2398.N1	12-AUG-2004 21:40:59	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	12823	No

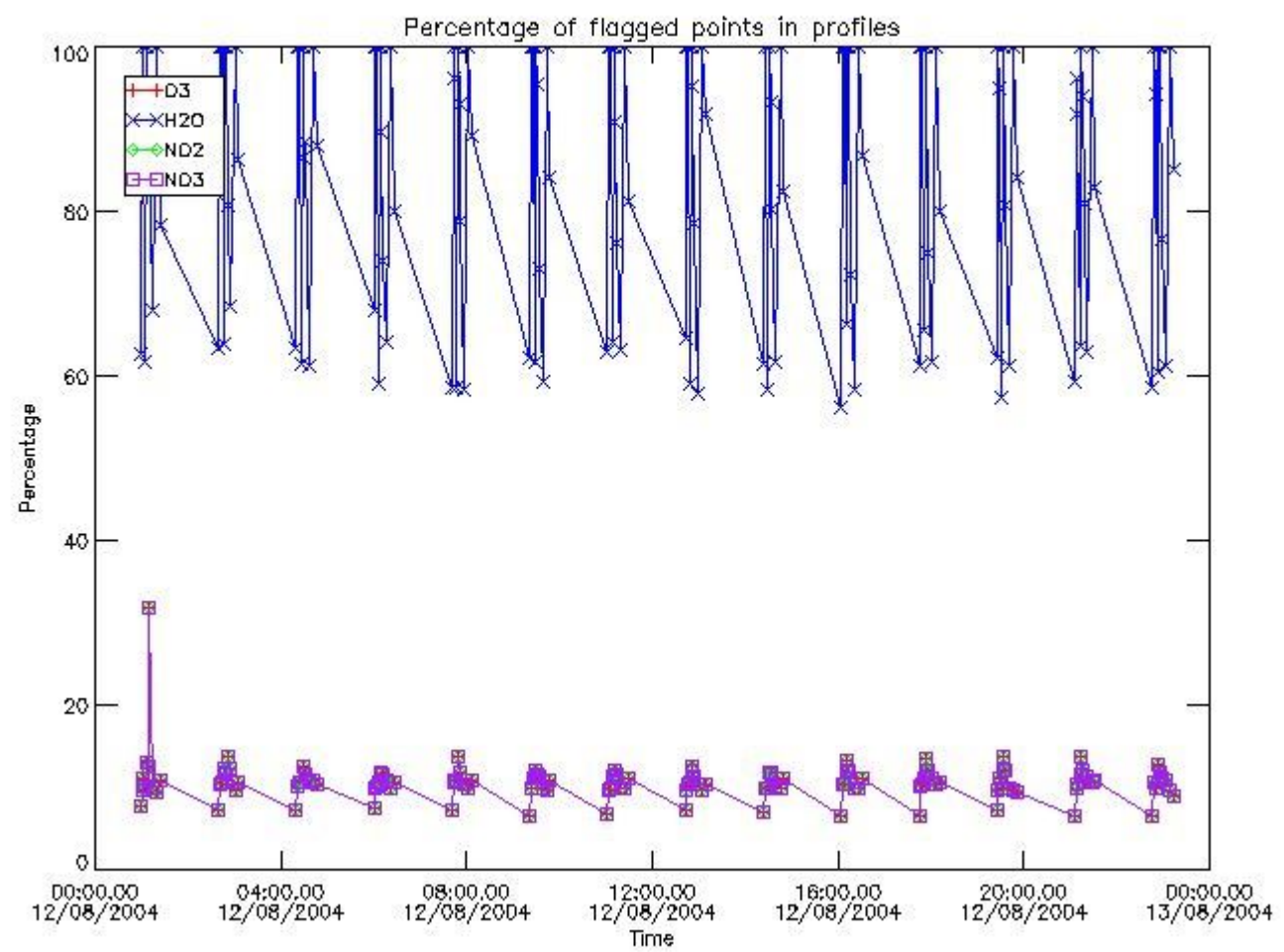


397	GOM_NL__2PRFIN20040812_214540_000000642029_00244_12823_2399.N1	12-AUG-2004 21:45:40	Twilight	63.500	18	24Alp PsA	1.1660	9700.0	127	12823	No
398	GOM_NL__2PRFIN20040812_215137_000000482029_00244_12823_2400.N1	12-AUG-2004 21:51:37	Bright	48.000	142	49Del Cap	2.8500	8900.0	96	12823	No
399	GOM_NL__2PRFIN20040812_215511_000000462029_00244_12823_2401.N1	12-AUG-2004 21:55:11	Bright	45.500	154	22Bet Aqr	2.8990	5700.0	91	12823	No
400	GOM_NL__2PRFIN20040812_215724_000000522029_00244_12823_2402.N1	12-AUG-2004 21:57:24	Bright	51.500	162	34Alp Aqr	2.9440	5350.0	103	12823	No
401	GOM_NL__2PRFIN20040812_215931_000000372029_00244_12823_2403.N1	12-AUG-2004 21:59:31	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	12823	No
402	GOM_NL__2PRFIN20040812_220702_000000432029_00244_12823_2404.N1	12-AUG-2004 22:07:02	Bright	43.000	92	53Eps Cyg	2.5000	4500.0	86	12823	No
403	GOM_NL__2PRFIN20040812_220834_000000412029_00244_12823_2405.N1	12-AUG-2004 22:08:34	Bright	40.500	66	37Gam Cyg	2.2080	5900.0	81	12823	No
404	GOM_NL__2PRFIN20040812_221015_000000412029_00244_12823_2406.N1	12-AUG-2004 22:10:15	Bright	40.500	19	50Alp Cyg	1.2460	10500.	81	12823	No
405	GOM_NL__2PRFIN20040812_221230_000000362029_00244_12823_2407.N1	12-AUG-2004 22:12:30	Bright	36.000	69	33Gam Dra	2.2310	3800.0	72	12823	No
406	GOM_NL__2PRFIN20040812_221538_000000422029_00244_12823_2408.N1	12-AUG-2004 22:15:38	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	12823	No
407	GOM_NL__2PRFIN20040812_222047_000000352029_00244_12823_2409.N1	12-AUG-2004 22:20:47	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	12823	No
408	GOM_NL__2PRFIN20040812_222229_000000372029_00244_12823_2410.N1	12-AUG-2004 22:22:29	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	12823	No
409	GOM_NL__2PRFIN20040812_222423_000000502029_00244_12823_2411.N1	12-AUG-2004 22:24:23	Bright	49.500	110	37Del Cas	2.6780	8900.0	99	12823	No
410	GOM_NL__2PRFIN20040812_223158_000002552029_00244_12823_2412.N1	12-AUG-2004 22:31:58	Twilight	255.00	53	43Bet And	2.0480	3300.0	510	12823	No
411	GOM_NL__2PRFIN20040812_224056_000000522029_00244_12823_2413.N1	12-AUG-2004 22:40:56	Twilight	52.000	28	12Bet Tau	1.6500	15200.	104	12823	No
412	GOM_NL__2PRFIN20040812_224342_000000422029_00244_12823_2414.N1	12-AUG-2004 22:43:42	Twilight	41.500	44	24Gam Gem	1.9280	11000.	83	12823	No
413	GOM_NL__2PRFIN20040812_224627_000000792029_00244_12823_2415.N1	12-AUG-2004 22:46:27	Dark	79.000	13	87Alp Tau	0.86700	3800.0	158	12823	No
414	GOM_NL__2PRFIN20040812_224814_000000532029_00244_12823_2416.N1	12-AUG-2004 22:48:14	Dark	53.000	27	24Gam Ori	1.6360	26000.	106	12823	No
415	GOM_NL__2PRFIN20040812_225011_000000522029_00244_12823_2417.N1	12-AUG-2004 22:50:11	Dark	51.500	30	46Eps Ori	1.6940	30000.	103	12823	No
416	GOM_NL__2PRFIN20040812_225247_000000492029_00244_12823_2418.N1	12-AUG-2004 22:52:47	Dark	48.500	1	9Alp CMa	-1.4400	11000.	97	12823	No
417	GOM_NL__2PRFIN20040812_225427_000000402029_00244_12823_2419.N1	12-AUG-2004 22:54:27	Dark	40.000	179	24Omi2CMa	3.0320	24000.	80	12823	No
418	GOM_NL__2PRFIN20040812_225555_000000432029_00244_12823_2420.N1	12-AUG-2004 22:55:55	Dark	43.000	23	21Eps CMa	1.5020	26000.	86	12823	No
419	GOM_NL__2PRFIN20040812_225759_000000462029_00244_12823_2421.N1	12-AUG-2004 22:57:59	Dark	45.500	117	Pi Pup	2.7060	3800.0	91	12823	No
420	GOM_NL__2PRFIN20040812_230242_000000522029_00244_12823_2422.N1	12-AUG-2004 23:02:42	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	12823	No
421	GOM_NL__2PRFIN20040812_230828_000000542029_00245_12824_2409.N1	12-AUG-2004 23:08:28	Dark	53.500	157	The1Eri	2.9060	9300.0	107	12824	No
422	GOM_NL__2PRFIN20040812_231253_000000572029_00245_12824_2410.N1	12-AUG-2004 23:12:53	Dark	57.000	9	Alp Eri	0.45300	24000.	114	12824	No
423	GOM_NL__2PRFIN20040812_231830_000000672029_00245_12824_2411.N1	12-AUG-2004 23:18:30	Straylight	66.500	84	Alp Phe	2.3970	4500.0	133	12824	No
424	GOM_NL__2PRFIN20040812_232136_000000382029_00245_12824_2412.N1	12-AUG-2004 23:21:36	Straylight	38.000	45	Alp Pav	1.9400	26000.	76	12824	No
425	GOM_NL__2PRFIN20040812_232620_000000582029_00245_12824_2413.N1	12-AUG-2004 23:26:20	Twilight	57.500	18	24Alp PsA	1.1660	9700.0	115	12824	No
426	GOM_NL__2PRFIN20040812_233213_000000462029_00245_12824_2414.N1	12-AUG-2004 23:32:13	Bright	46.000	142	49Del Cap	2.8500	8900.0	92	12824	No
427	GOM_NL__2PRFIN20040812_233548_000000462029_00245_12824_2415.N1	12-AUG-2004 23:35:48	Bright	45.500	154	22Bet Aqr	2.8990	5700.0	91	12824	No
428	GOM_NL__2PRFIN20040812_233800_000000522029_00245_12824_2416.N1	12-AUG-2004 23:38:00	Bright	52.000	162	34Alp Aqr	2.9440	5350.0	104	12824	No
429	GOM_NL__2PRFIN20040812_234006_000000392029_00245_12824_2417.N1	12-AUG-2004 23:40:06	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	12824	No
430	GOM_NL__2PRFIN20040812_234152_000000402029_00245_12824_2418.N1	12-AUG-2004 23:41:52	Bright	40.000	168	17Zet Aql	2.9860	11000.	80	12824	No
431	GOM_NL__2PRFIN20040812_234737_000000412029_00245_12824_2419.N1	12-AUG-2004 23:47:37	Bright	40.500	92	53Eps Cyg	2.5000	4500.0	81	12824	No
432	GOM_NL__2PRFIN20040812_234909_000000382029_00245_12824_2420.N1	12-AUG-2004 23:49:09	Bright	38.000	66	37Gam Cyg	2.2080	5900.0	76	12824	No
433	GOM_NL__2PRFIN20040812_235050_000000412029_00245_12824_2421.N1	12-AUG-2004 23:50:50	Bright	41.000	19	50Alp Cyg	1.2460	10500.	82	12824	No
434	GOM_NL__2PRFIN20040812_235306_000000402029_00245_12824_2422.N1	12-AUG-2004 23:53:06	Bright	40.000	69	33Gam Dra	2.2310	3800.0	80	12824	No
435	GOM_NL__2PRFIN20040812_235611_000000402029_00245_12824_2423.N1	12-AUG-2004 23:56:11	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	12824	No

### 3. Quality information per product

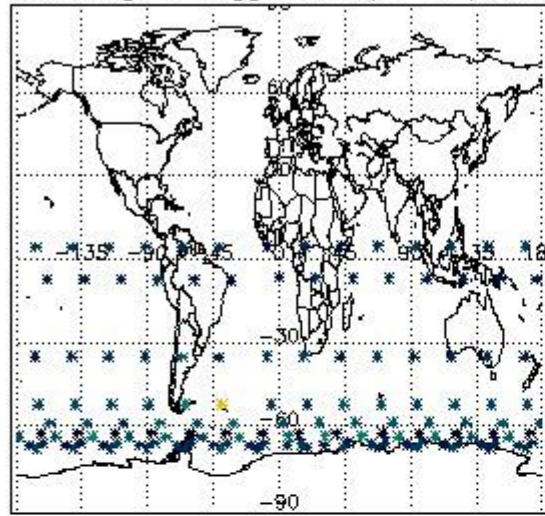
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

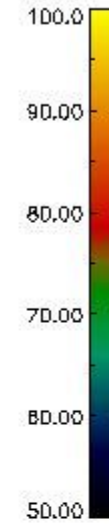
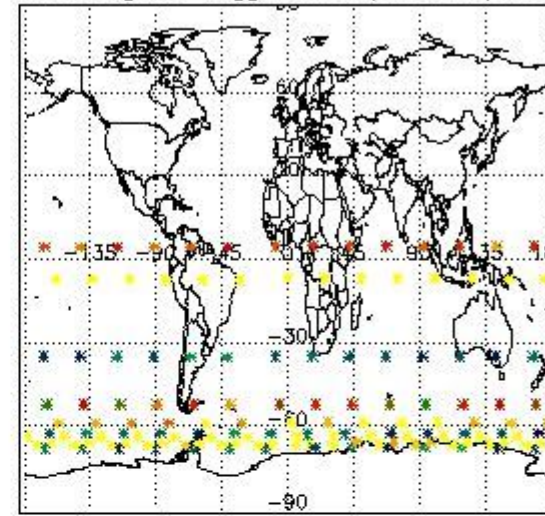


*3.2 Plot quality information per product (world map)*

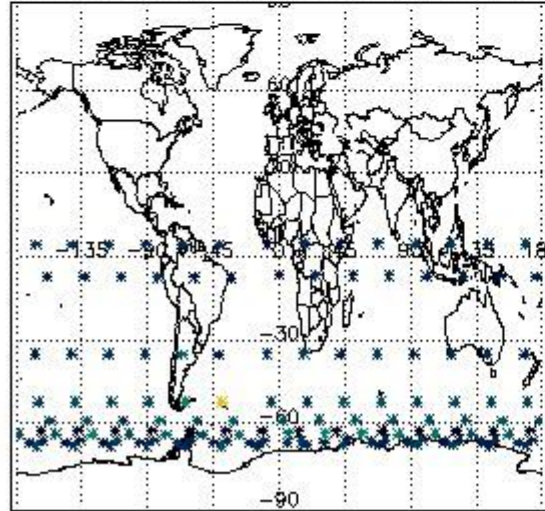
Percentage of flagged data per O3 profile



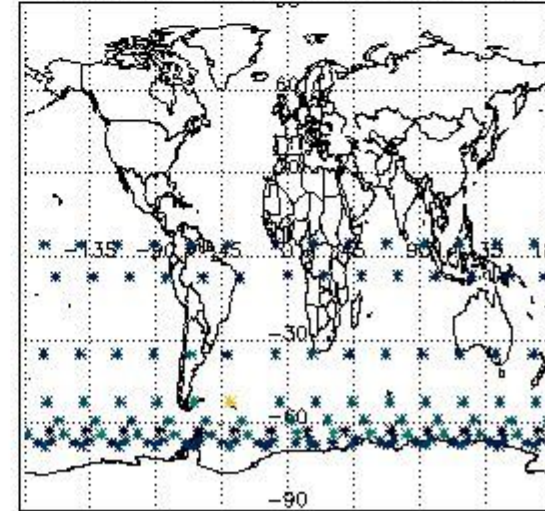
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



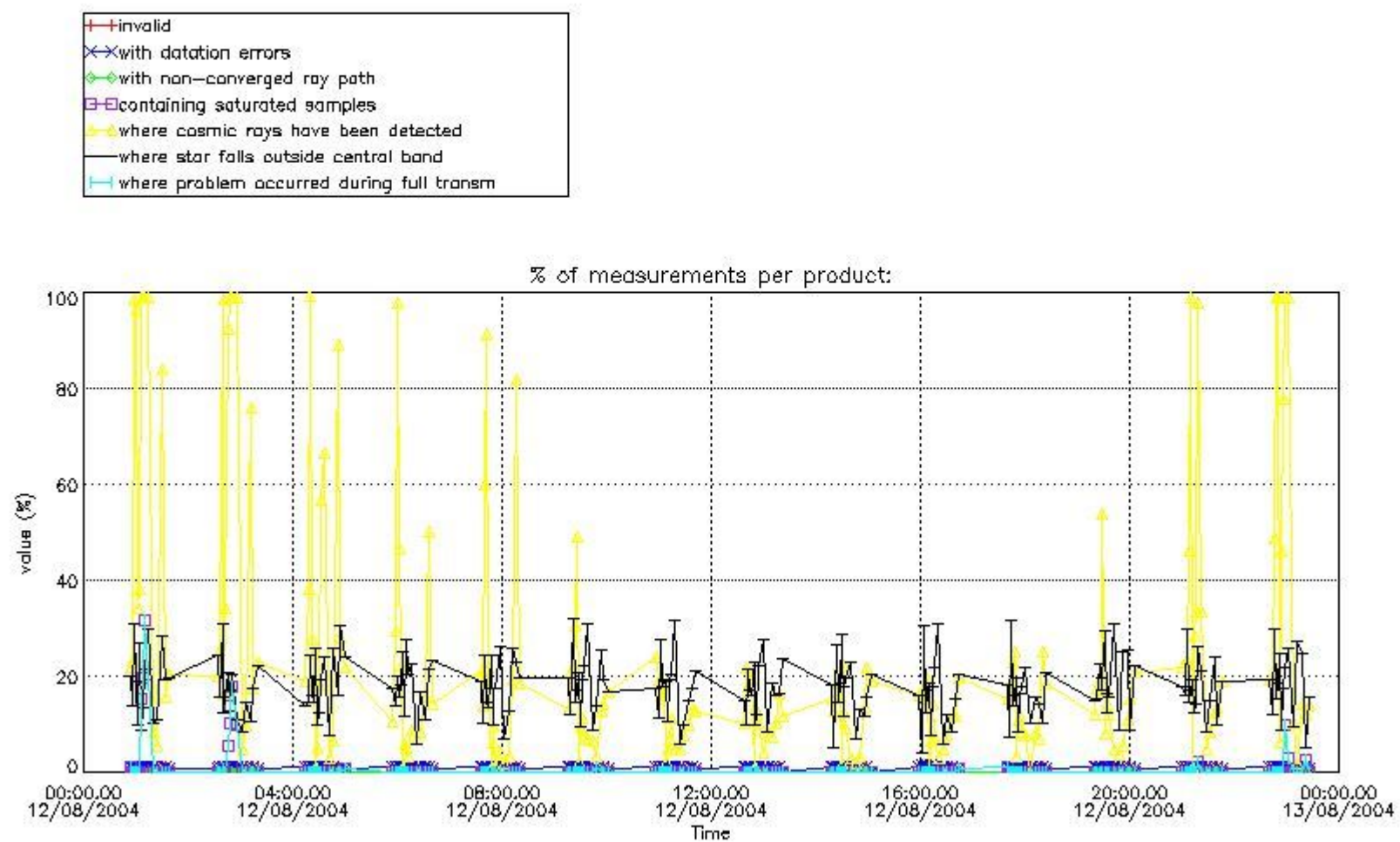
#### 4. Level 1 quality information per product

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

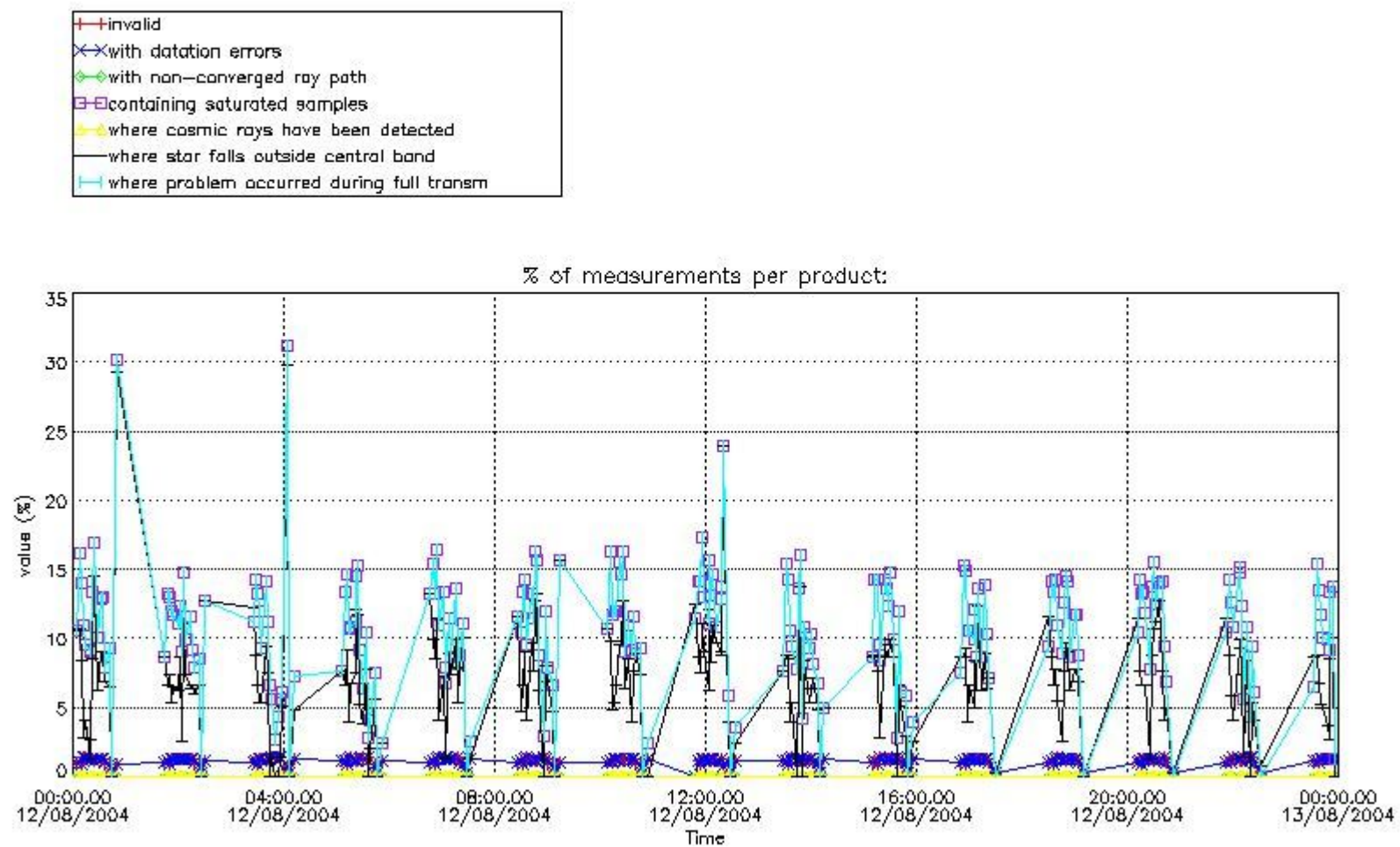
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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



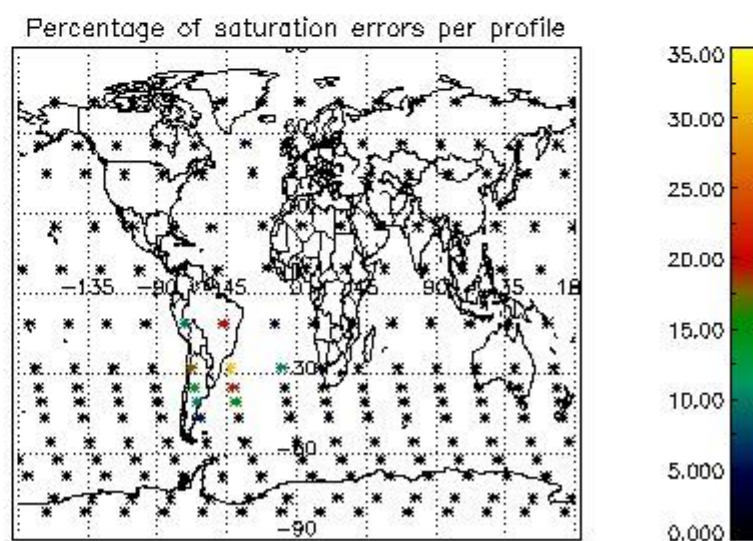
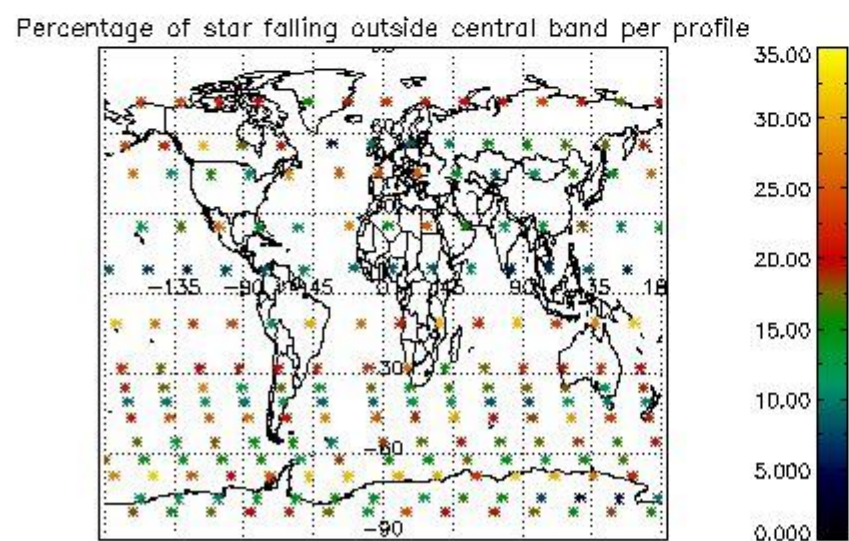
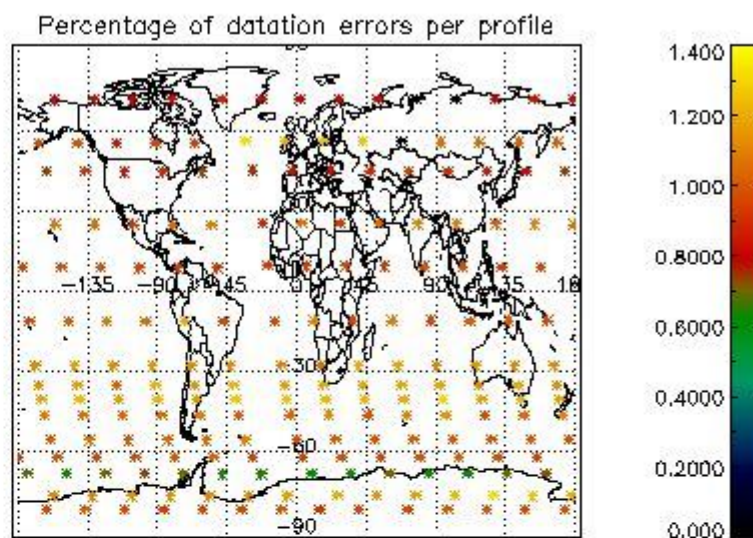
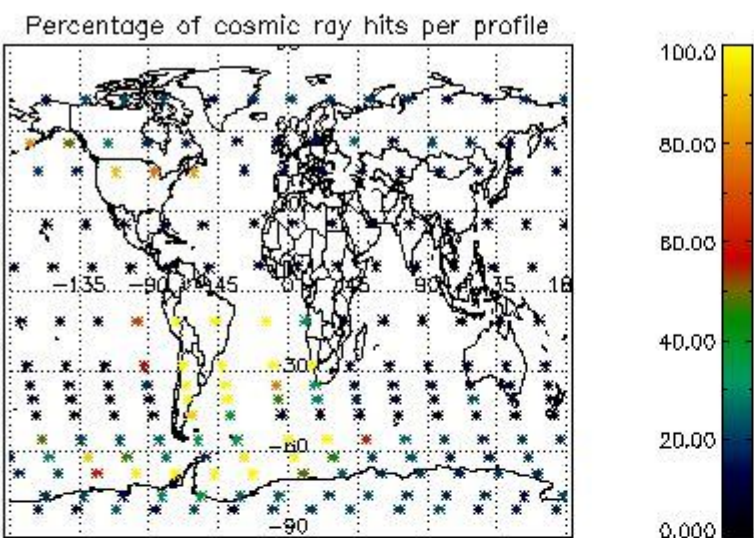


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



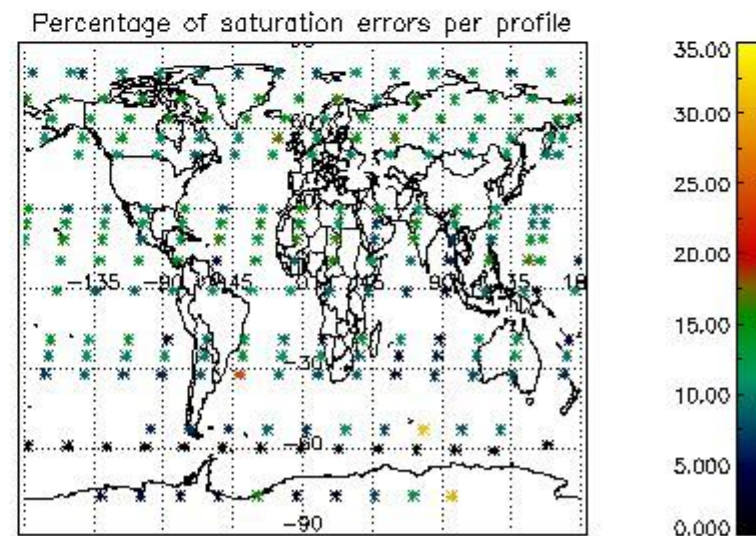
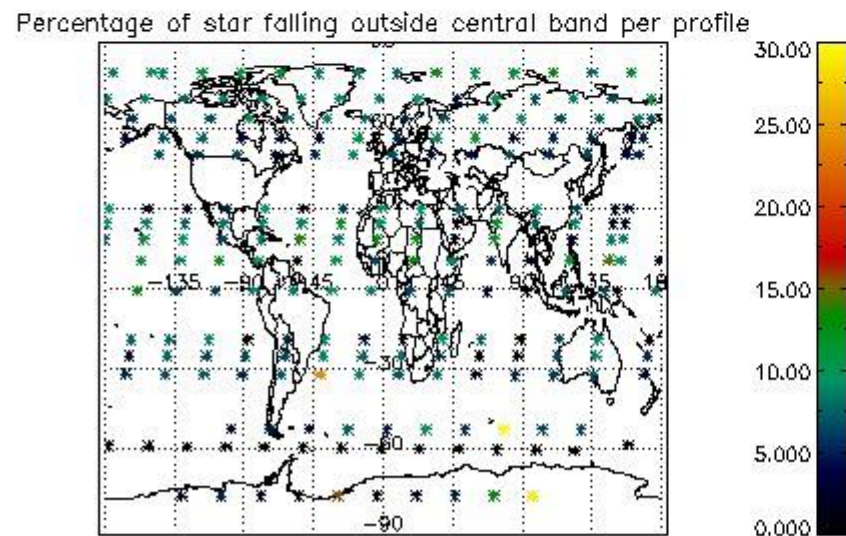
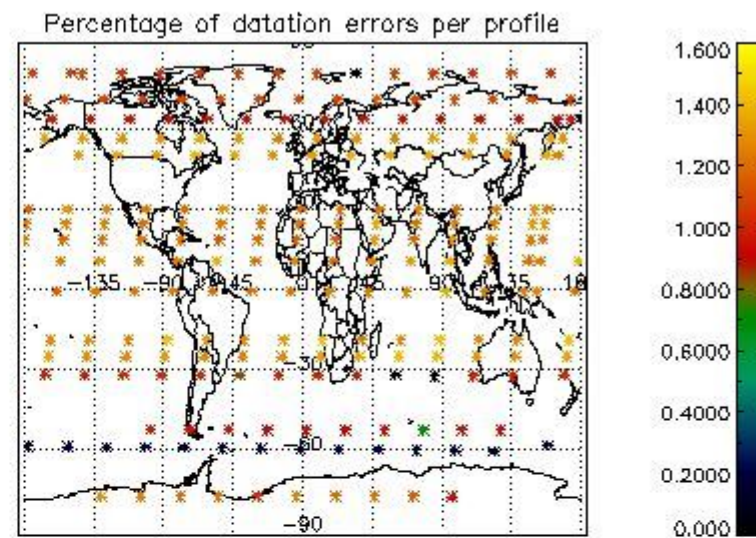
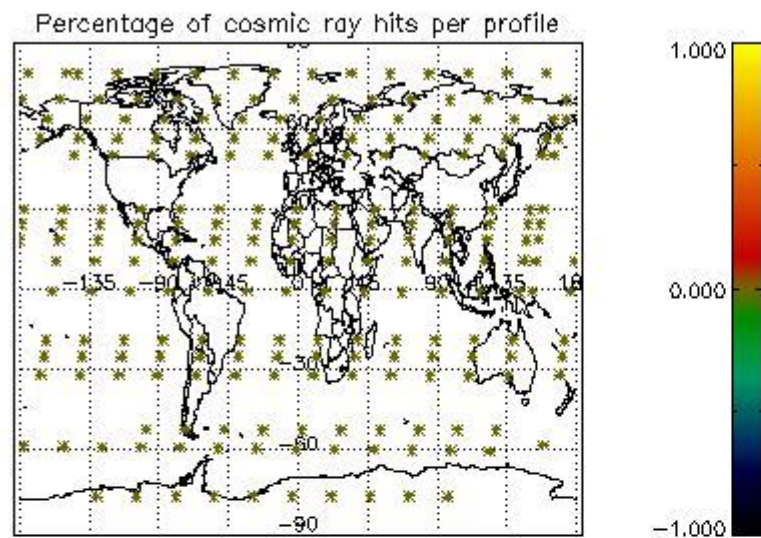
4.2 Plot quality information per product coming from level 1b processing (world map)

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



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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/o3\_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM\_NL\_\_2P/NL\_SUMMARY\_QUALITY/obs\_ill\_cond=0
- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

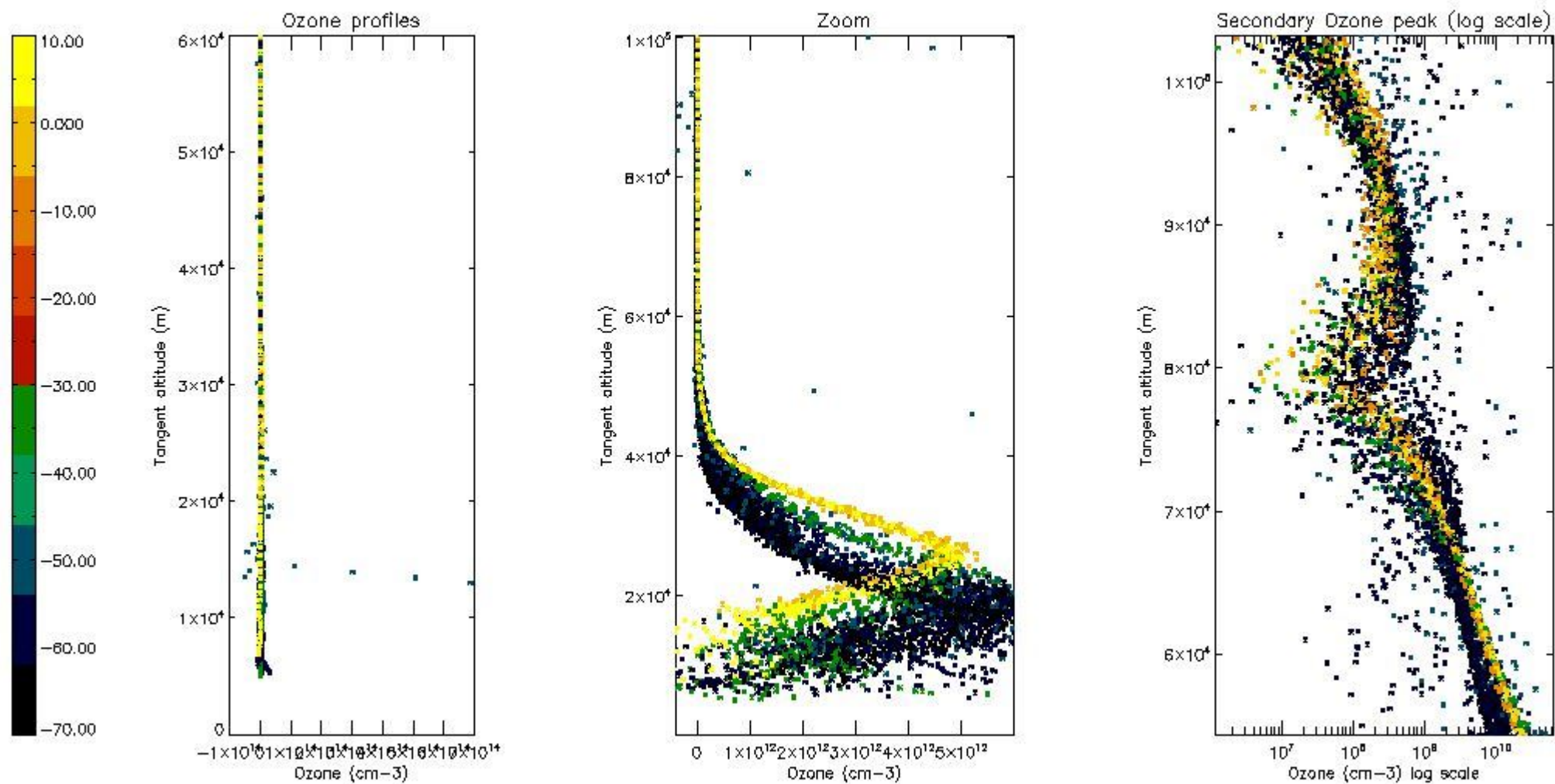
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	30
STD < 20	18

STD < 10	16
STD < 5	12

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

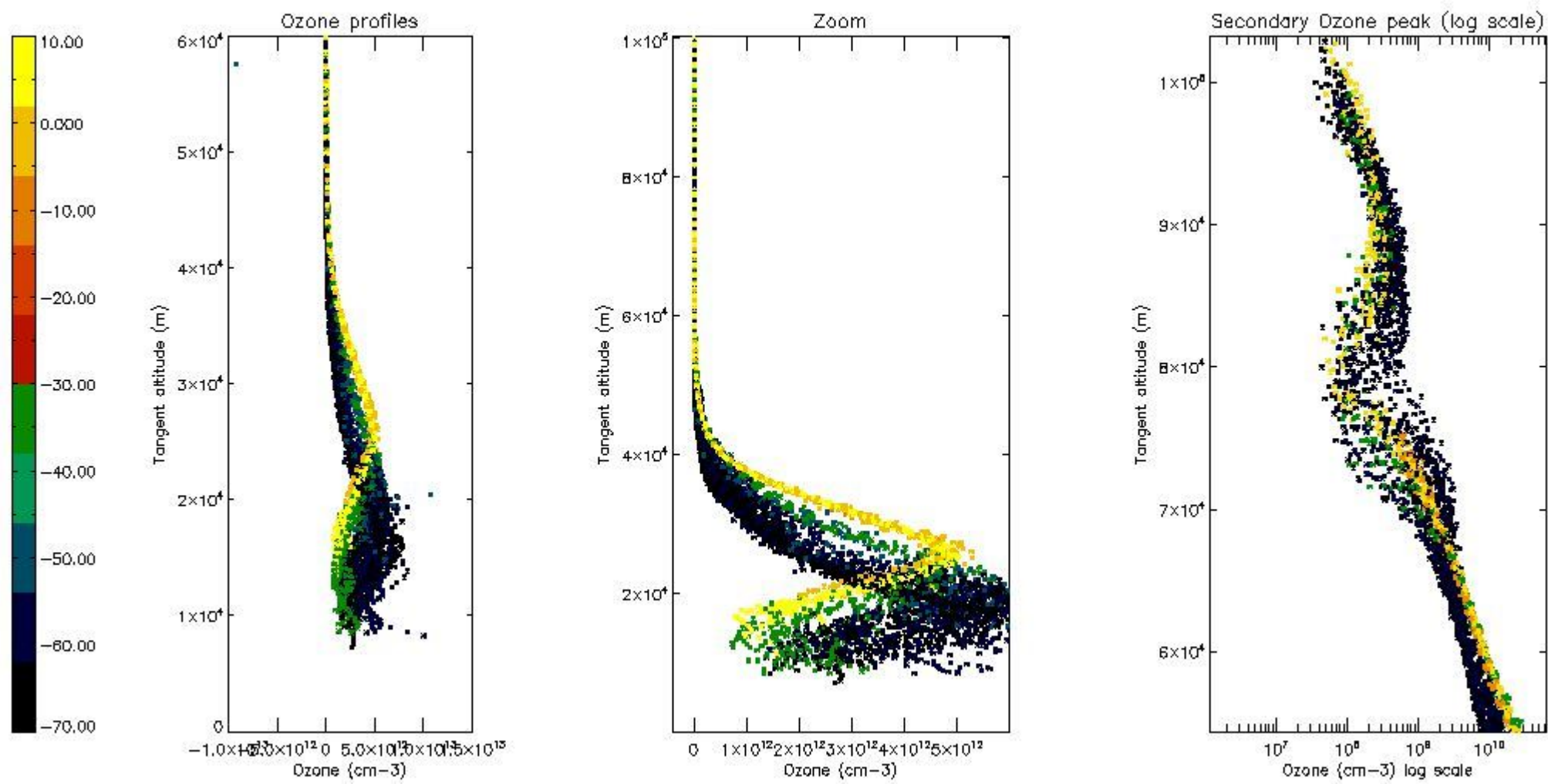
The colorbar represents the latitude.



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

The colorbar represents the latitude.

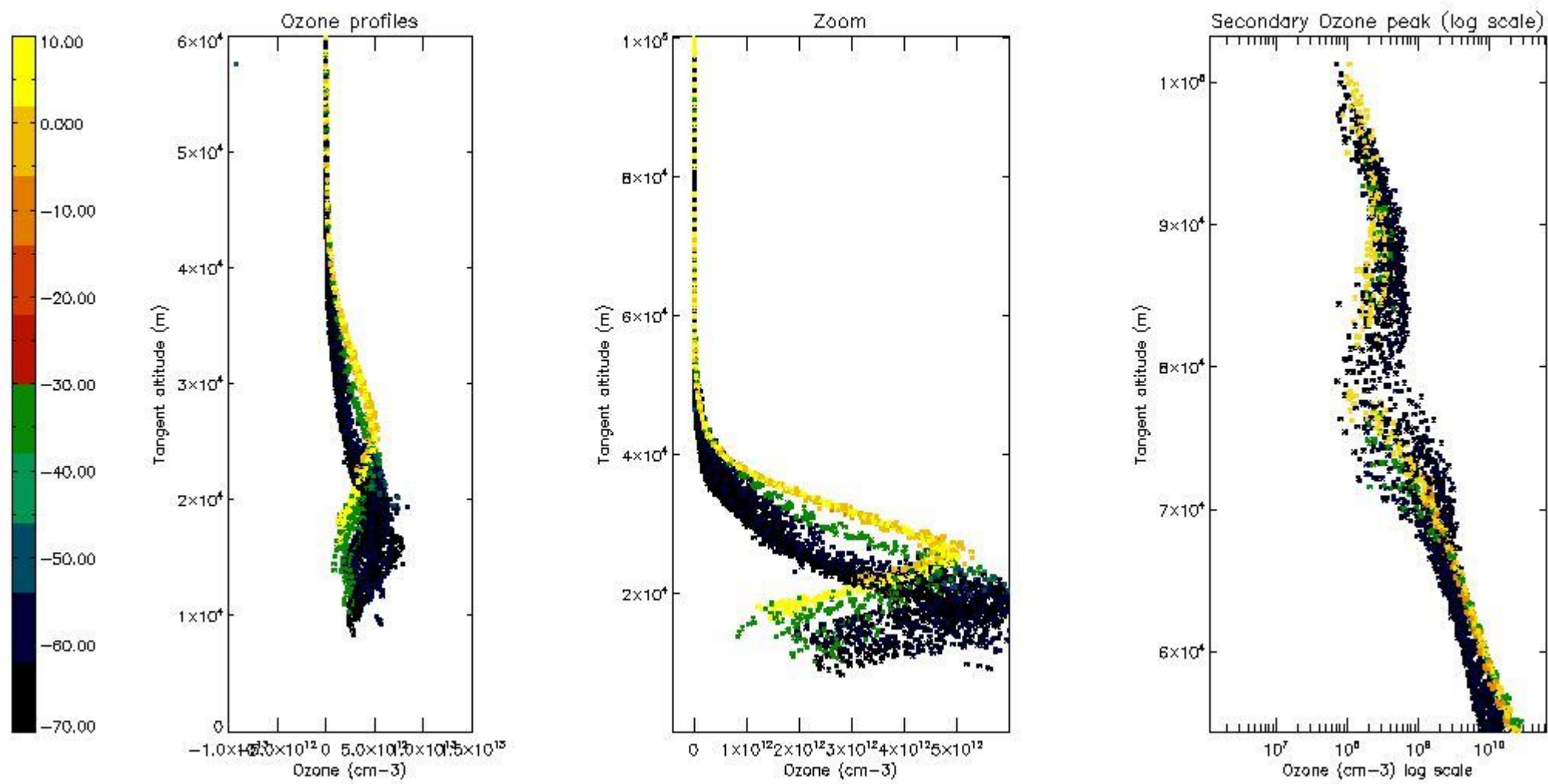




*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

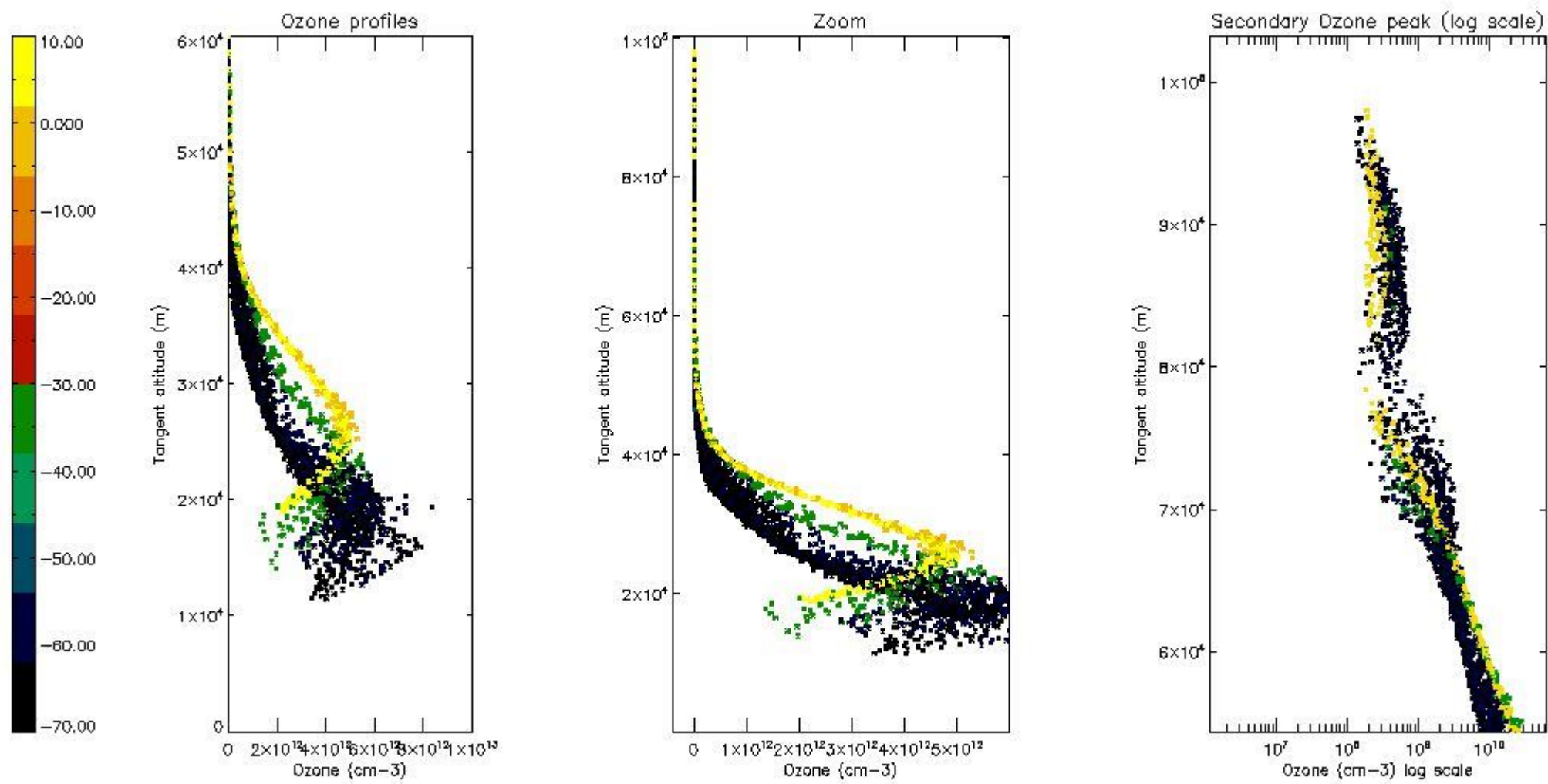
The colorbar represents the latitude.





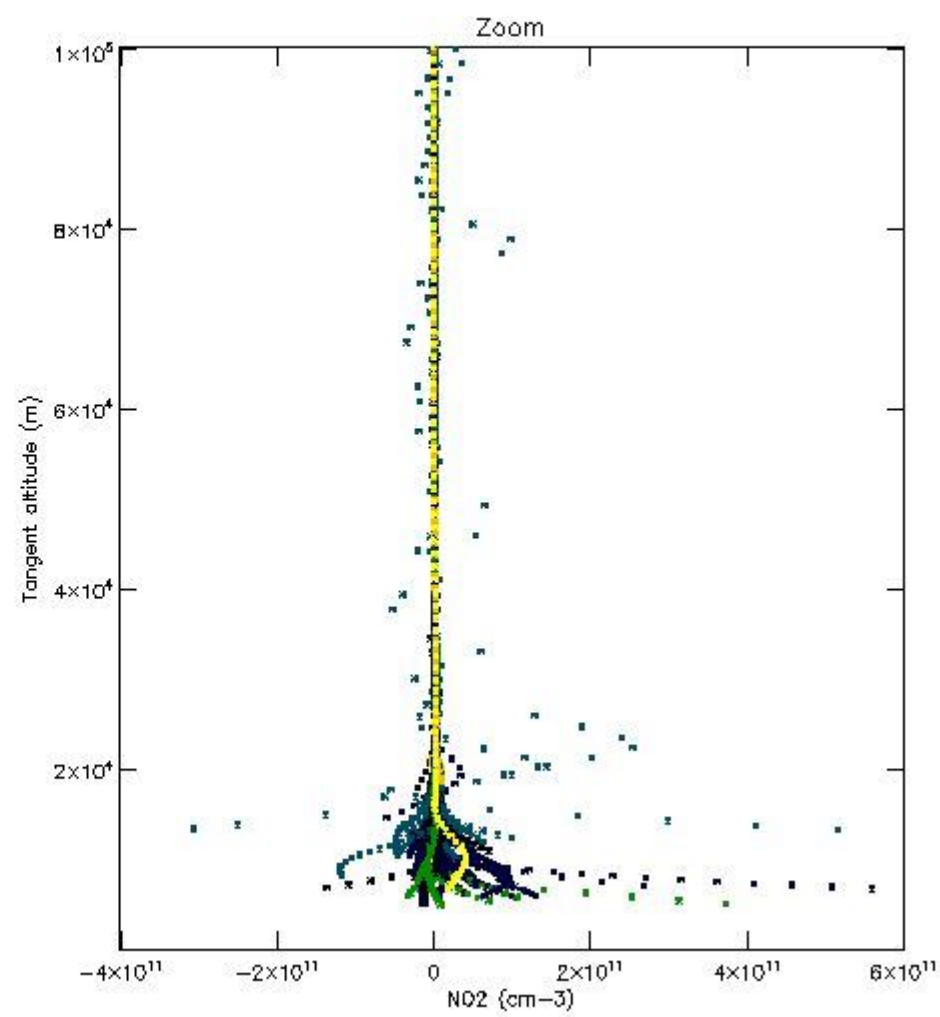
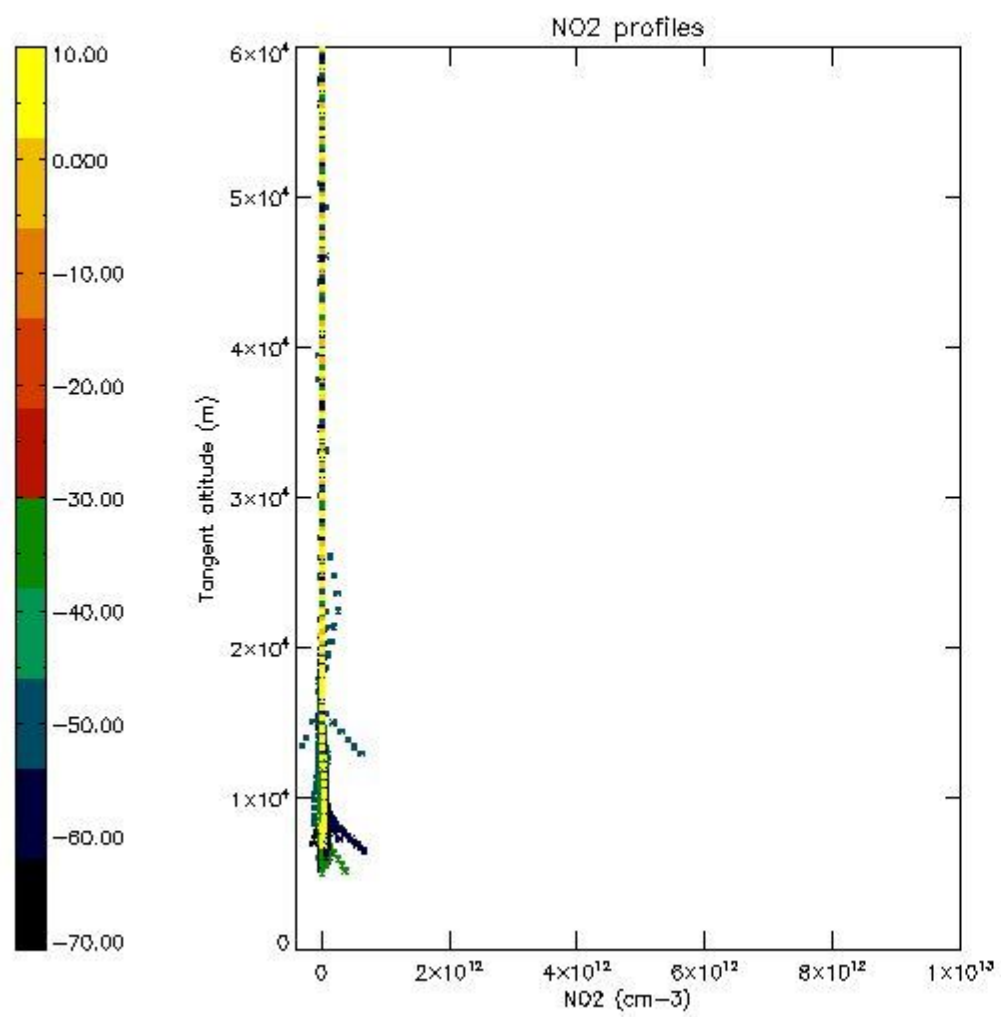
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



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

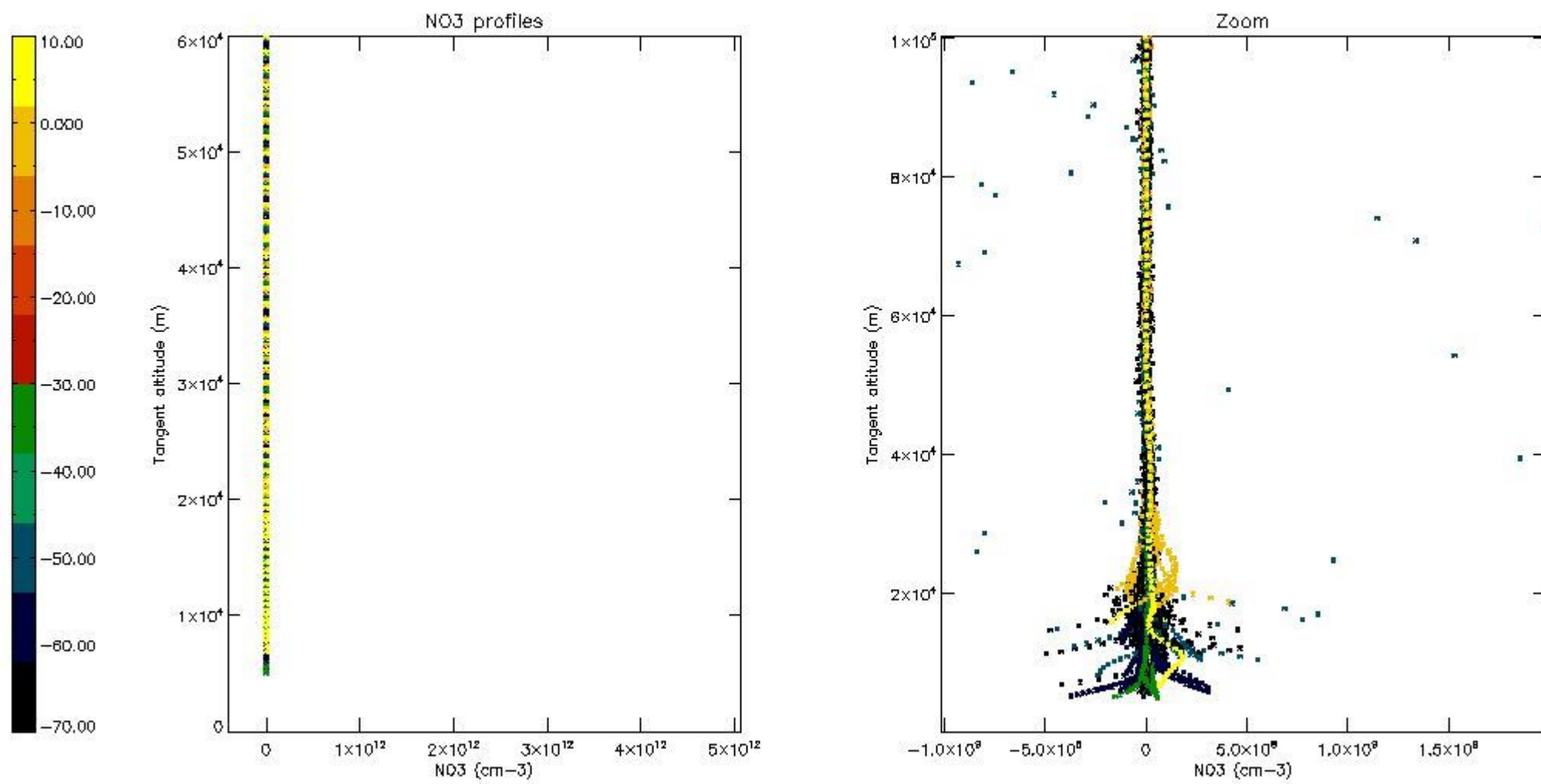
The colorbar represents the latitude.



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

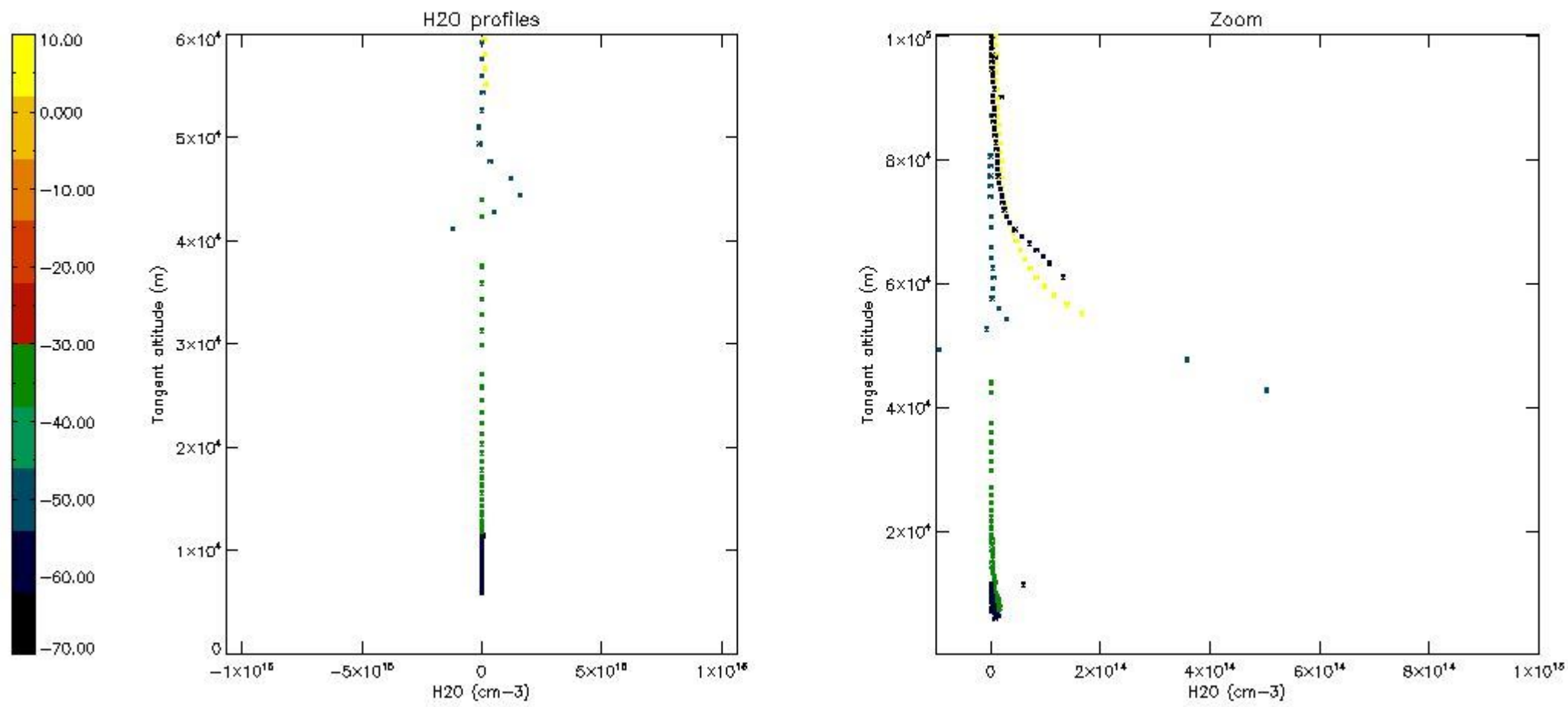
The colorbar represents the latitude.





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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	12-AUG-2004 00:03:49
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	12-AUG-2004 00:03:49
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	12-AUG-2004 00:03:49

# GOMOS Level 2 Daily Report

## SUMMARY

### [1. General Info](#)

### [2. Summary of processed GOM\\_NL\\_2P products](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM\_NL\_\_2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	19APR2013 08:26:14
Data source version	GOMOS/6.01
Start time of products	12-08-2004 (12AUG2004 00:00:00)
Stop time of products	13-08-2004 (13AUG2004 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	435
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__2PRFIN20040812_000349_000000482029_00231_12810_2669.N1	12-AUG-2004 00:03:49	Bright	47.500	142	49Del Cap	2.8500	8900.0	95	12810	No
2	GOM_NL__2PRFIN20040812_000726_000000472029_00231_12810_2670.N1	12-AUG-2004 00:07:26	Bright	46.500	154	22Bet Aqr	2.8990	5700.0	93	12810	No
3	GOM_NL__2PRFIN20040812_000941_000000542029_00231_12810_2671.N1	12-AUG-2004 00:09:41	Bright	53.500	162	34Alp Aqr	2.9440	5350.0	107	12810	No
4	GOM_NL__2PRFIN20040812_001144_000000372029_00231_12810_2672.N1	12-AUG-2004 00:11:44	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	12810	No
5	GOM_NL__2PRFIN20040812_001328_000000372029_00231_12810_2673.N1	12-AUG-2004 00:13:28	Bright	36.500	168	17Zet Aql	2.9860	11000.	73	12810	No
6	GOM_NL__2PRFIN20040812_001920_000000392029_00231_12810_2674.N1	12-AUG-2004 00:19:20	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	12810	No
7	GOM_NL__2PRFIN20040812_002049_000000382029_00231_12810_2675.N1	12-AUG-2004 00:20:49	Bright	38.000	66	37Gam Cyg	2.2080	5900.0	76	12810	No
8	GOM_NL__2PRFIN20040812_002231_000000412029_00231_12810_2676.N1	12-AUG-2004 00:22:31	Bright	41.000	19	50Alp Cyg	1.2460	10500.	82	12810	No
9	GOM_NL__2PRFIN20040812_002439_000000422029_00231_12810_2677.N1	12-AUG-2004 00:24:39	Bright	41.500	69	33Gam Dra	2.2310	3800.0	83	12810	No
10	GOM_NL__2PRFIN20040812_002756_000000402029_00231_12810_2678.N1	12-AUG-2004 00:27:56	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	12810	No
11	GOM_NL__2PRFIN20040812_003256_000000392029_00231_12810_2679.N1	12-AUG-2004 00:32:56	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	12810	No
12	GOM_NL__2PRFIN20040812_003443_000000392029_00231_12810_2680.N1	12-AUG-2004 00:34:43	Bright	38.500	49	1Alp UMi	1.9900	6300.0	77	12810	No
13	GOM_NL__2PRFIN20040812_003646_000000512029_00231_12810_2681.N1	12-AUG-2004 00:36:46	Bright	50.500	110	37Del Cas	2.6780	8900.0	101	12810	No
14	GOM_NL__2PRFIN20040812_004232_000000542029_00231_12810_2682.N1	12-AUG-2004 00:42:32	Bright	53.500	160	23Gam Per	2.9300	4700.0	107	12810	No
15	GOM_NL__2PRFIN20040812_004447_000002552029_00231_12810_2683.N1	12-AUG-2004 00:44:47	Twilight	255.00	53	43Bet And	2.0480	3300.0	510	12810	No
16	GOM_NL__2PRFIN20040812_005006_000000532029_00231_12810_2684.N1	12-AUG-2004 00:50:06	Bright	53.000	107	37The Aur	2.6490	11000.	106	12810	No
17	GOM_NL__2PRFIN20040812_005306_000000532029_00231_12810_2685.N1	12-AUG-2004 00:53:06	Twilight	52.500	28	12Bet Tau	1.6500	15200.	105	12810	No
18	GOM_NL__2PRFIN20040812_005552_000000432029_00231_12810_2686.N1	12-AUG-2004 00:55:52	Twilight	43.000	44	24Gam Gem	1.9280	11000.	86	12810	No
19	GOM_NL__2PRFIN20040812_005832_000000782029_00231_12810_2687.N1	12-AUG-2004 00:58:32	Dark	78.000	13	87Alp Tau	0.86700	3800.0	156	12810	No
20	GOM_NL__2PRFIN20040812_010021_000000532029_00231_12810_2688.N1	12-AUG-2004 01:00:21	Dark	53.000	27	24Gam Ori	1.6360	26000.	106	12810	No
21	GOM_NL__2PRFIN20040812_010217_000000462029_00231_12810_2689.N1	12-AUG-2004 01:02:17	Dark	45.500	30	46Eps Ori	1.6940	30000.	91	12810	No
22	GOM_NL__2PRFIN20040812_010457_000000502029_00231_12810_2690.N1	12-AUG-2004 01:04:57	Dark	50.000	1	9Alp CMa	-1.4400	11000.	100	12810	No
23	GOM_NL__2PRFIN20040812_010638_000000402029_00231_12810_2691.N1	12-AUG-2004 01:06:38	Dark	39.500	179	24Omi2CMa	3.0320	24000.	79	12810	No
24	GOM_NL__2PRFIN20040812_010806_000000412029_00231_12810_2692.N1	12-AUG-2004 01:08:06	Dark	41.000	23	21Eps CMa	1.5020	26000.	82	12810	No
25	GOM_NL__2PRFIN20040812_011010_000000452029_00231_12810_2693.N1	12-AUG-2004 01:10:10	Dark	44.500	117	Pi Pup	2.7060	3800.0	89	12810	No
26	GOM_NL__2PRFIN20040812_011454_000000522029_00231_12810_2694.N1	12-AUG-2004 01:14:54	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	12810	No
27	GOM_NL__2PRFIN20040812_012026_000000552029_00232_12811_2665.N1	12-AUG-2004 01:20:26	Dark	54.500	157	The1Eri	2.9060	9300.0	109	12811	No
28	GOM_NL__2PRFIN20040812_012458_000000472029_00232_12811_2666.N1	12-AUG-2004 01:24:58	Dark	46.500	9	Alp Eri	0.45300	24000.	93	12811	No
29	GOM_NL__2PRFIN20040812_013032_000000692029_00232_12811_2667.N1	12-AUG-2004 01:30:32	Straylight	69.000	84	Alp Phe	2.3970	4500.0	138	12811	No
30	GOM_NL__2PRFIN20040812_013336_000000542029_00232_12811_2668.N1	12-AUG-2004 01:33:36	Straylight	54.000	63	Bet Gru	2.1500	2800.0	108	12811	No
31	GOM_NL__2PRFIN20040812_013826_000000622029_00232_12811_2669.N1	12-AUG-2004 01:38:26	Twilight	61.500	18	24Alp PsA	1.1660	9700.0	123	12811	No
32	GOM_NL__2PRFIN20040812_014425_000000472029_00232_12811_2670.N1	12-AUG-2004 01:44:25	Bright	46.500	142	49Del Cap	2.8500	8900.0	93	12811	No
33	GOM_NL__2PRFIN20040812_014801_000000462029_00232_12811_2671.N1	12-AUG-2004 01:48:01	Bright	45.500	154	22Bet Aqr	2.8990	5700.0	91	12811	No
34	GOM_NL__2PRFIN20040812_015016_000000542029_00232_12811_2672.N1	12-AUG-2004 01:50:16	Bright	54.000	162	34Alp Aqr	2.9440	5350.0	108	12811	No
35	GOM_NL__2PRFIN20040812_015220_000000382029_00232_12811_2673.N1	12-AUG-2004 01:52:20	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	12811	No
36	GOM_NL__2PRFIN20040812_015404_000000392029_00232_12811_2674.N1	12-AUG-2004 01:54:04	Bright	38.500	168	17Zet Aql	2.9860	11000.	77	12811	No
37	GOM_NL__2PRFIN20040812_015955_000000412029_00232_12811_2675.N1	12-AUG-2004 01:59:55	Bright	40.500	92	53Eps Cyg	2.5000	4500.0	81	12811	No
38	GOM_NL__2PRFIN20040812_020125_000000412029_00232_12811_2676.N1	12-AUG-2004 02:01:25	Bright	40.500	66	37Gam Cyg	2.2080	5900.0	81	12811	No
39	GOM_NL__2PRFIN20040812_020306_000000392029_00232_12811_2677.N1	12-AUG-2004 02:03:06	Bright	39.000	19	50Alp Cyg	1.2460	10500.	78	12811	No
40	GOM_NL__2PRFIN20040812_020515_000000412029_00232_12811_2678.N1	12-AUG-2004 02:05:15	Bright	40.500	69	33Gam Dra	2.2310	3800.0	81	12811	No
41	GOM_NL__2PRFIN20040812_020831_000000412029_00232_12811_2679.N1	12-AUG-2004 02:08:31	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	12811	No
42	GOM_NL__2PRFIN20040812_021332_000000392029_00232_12811_2680.N1	12-AUG-2004 02:13:32	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	12811	No

43	GOM_NL__2PRFIN20040812_021518_000000382029_00232_12811_2681.N1	12-AUG-2004 02:15:18	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	12811	No
44	GOM_NL__2PRFIN20040812_021721_000000512029_00232_12811_2682.N1	12-AUG-2004 02:17:21	Bright	50.500	110	37Del Cas	2.6780	8900.0	101	12811	No
45	GOM_NL__2PRFIN20040812_022307_000000532029_00232_12811_2683.N1	12-AUG-2004 02:23:07	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	12811	No
46	GOM_NL__2PRFIN20040812_022520_000002552029_00232_12811_2684.N1	12-AUG-2004 02:25:20	Tw_i_and_stray	255.00	53	43Bet And	2.0480	3300.0	510	12811	No
47	GOM_NL__2PRFIN20040812_023042_000000432029_00232_12811_2685.N1	12-AUG-2004 02:30:42	Bright	43.000	107	37The Aur	2.6490	11000.	86	12811	No
48	GOM_NL__2PRFIN20040812_023342_000000562029_00232_12811_2686.N1	12-AUG-2004 02:33:42	Tw_i_and_stray	55.500	28	12Bet Tau	1.6500	15200.	111	12811	No
49	GOM_NL__2PRFIN20040812_023627_000000452029_00232_12811_2687.N1	12-AUG-2004 02:36:27	Tw_i_and_stray	45.000	44	24Gam Gem	1.9280	11000.	90	12811	No
50	GOM_NL__2PRFIN20040812_023908_000000782029_00232_12811_2688.N1	12-AUG-2004 02:39:08	Dark	78.000	13	87Alp Tau	0.86700	3800.0	156	12811	No
51	GOM_NL__2PRFIN20040812_024057_000000492029_00232_12811_2689.N1	12-AUG-2004 02:40:57	Dark	49.000	27	24Gam Ori	1.6360	26000.	98	12811	No
52	GOM_NL__2PRFIN20040812_024253_000000492029_00232_12811_2690.N1	12-AUG-2004 02:42:53	Dark	48.500	30	46Eps Ori	1.6940	30000.	97	12811	No
53	GOM_NL__2PRFIN20040812_024533_000000462029_00232_12811_2691.N1	12-AUG-2004 02:45:33	Dark	46.000	1	9Alp CMa	-1.4400	11000.	92	12811	No
54	GOM_NL__2PRFIN20040812_024712_000000442029_00232_12811_2692.N1	12-AUG-2004 02:47:12	Dark	43.500	179	24Omi2CMa	3.0320	24000.	87	12811	No
55	GOM_NL__2PRFIN20040812_024841_000000442029_00232_12811_2693.N1	12-AUG-2004 02:48:41	Dark	44.000	23	21Eps CMa	1.5020	26000.	88	12811	No
56	GOM_NL__2PRFIN20040812_025046_000000452029_00232_12811_2694.N1	12-AUG-2004 02:50:46	Dark	44.500	117	Pi Pup	2.7060	3800.0	89	12811	No
57	GOM_NL__2PRFIN20040812_025530_000000422029_00232_12811_2695.N1	12-AUG-2004 02:55:30	Dark	41.500	2	Alp Car	-0.73600	7000.0	83	12811	No
58	GOM_NL__2PRFIN20040812_030103_000000532029_00233_12812_2666.N1	12-AUG-2004 03:01:03	Dark	53.000	157	The1Eri	2.9060	9300.0	106	12812	No
59	GOM_NL__2PRFIN20040812_030535_000000482029_00233_12812_2667.N1	12-AUG-2004 03:05:35	Dark	48.000	9	Alp Eri	0.45300	24000.	96	12812	No
60	GOM_NL__2PRFIN20040812_031108_000000572029_00233_12812_2668.N1	12-AUG-2004 03:11:08	Straylight	56.500	84	Alp Phe	2.3970	4500.0	113	12812	No
61	GOM_NL__2PRFIN20040812_031412_000000522029_00233_12812_2669.N1	12-AUG-2004 03:14:12	Straylight	52.000	63	Bet Gru	2.1500	2800.0	104	12812	No
62	GOM_NL__2PRFIN20040812_031903_000000642029_00233_12812_2670.N1	12-AUG-2004 03:19:03	Tw_i_and_stray	63.500	18	24Alp PsA	1.1660	9700.0	127	12812	No
63	GOM_NL__2PRFIN20040812_032500_000000492029_00233_12812_2671.N1	12-AUG-2004 03:25:00	Bright	49.000	142	49Del Cap	2.8500	8900.0	98	12812	No
64	GOM_NL__2PRFIN20040812_032837_000000462029_00233_12812_2672.N1	12-AUG-2004 03:28:37	Bright	45.500	154	22Bet Aqr	2.8990	5700.0	91	12812	No
65	GOM_NL__2PRFIN20040812_033052_000000532029_00233_12812_2673.N1	12-AUG-2004 03:30:52	Bright	53.000	162	34Alp Aqr	2.9440	5350.0	106	12812	No
66	GOM_NL__2PRFIN20040812_033255_000000382029_00233_12812_2674.N1	12-AUG-2004 03:32:55	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	12812	No
67	GOM_NL__2PRFIN20040812_033440_000000382029_00233_12812_2675.N1	12-AUG-2004 03:34:40	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	12812	No
68	GOM_NL__2PRFIN20040812_034030_000000432029_00233_12812_2676.N1	12-AUG-2004 03:40:30	Bright	42.500	92	53Eps Cyg	2.5000	4500.0	85	12812	No
69	GOM_NL__2PRFIN20040812_034200_000000402029_00233_12812_2677.N1	12-AUG-2004 03:42:00	Bright	40.000	66	37Gam Cyg	2.2080	5900.0	80	12812	No
70	GOM_NL__2PRFIN20040812_034342_000000382029_00233_12812_2678.N1	12-AUG-2004 03:43:42	Bright	38.000	19	50Alp Cyg	1.2460	10500.	76	12812	No
71	GOM_NL__2PRFIN20040812_034551_000000362029_00233_12812_2679.N1	12-AUG-2004 03:45:51	Bright	36.000	69	33Gam Dra	2.2310	3800.0	72	12812	No
72	GOM_NL__2PRFIN20040812_034906_000000372029_00233_12812_2680.N1	12-AUG-2004 03:49:06	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	12812	No
73	GOM_NL__2PRFIN20040812_035409_000000352029_00233_12812_2681.N1	12-AUG-2004 03:54:09	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	12812	No
74	GOM_NL__2PRFIN20040812_035554_000000362029_00233_12812_2682.N1	12-AUG-2004 03:55:54	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	12812	No
75	GOM_NL__2PRFIN20040812_035757_000000492029_00233_12812_2683.N1	12-AUG-2004 03:57:57	Bright	49.000	110	37Del Cas	2.6780	8900.0	98	12812	No
76	GOM_NL__2PRFIN20040812_040342_000000712029_00233_12812_2684.N1	12-AUG-2004 04:03:42	Bright	70.500	160	23Gam Per	2.9300	4700.0	141	12812	No
77	GOM_NL__2PRFIN20040812_040553_000002552029_00233_12812_2685.N1	12-AUG-2004 04:05:53	Tw_i_and_stray	255.00	53	43Bet And	2.0480	3300.0	510	12812	No
78	GOM_NL__2PRFIN20040812_041118_000000412029_00233_12812_2686.N1	12-AUG-2004 04:11:18	Bright	41.000	107	37The Aur	2.6490	11000.	82	12812	No
79	GOM_NL__2PRFIN20040812_041418_000000512029_00233_12812_2687.N1	12-AUG-2004 04:14:18	Tw_i_and_stray	50.500	28	12Bet Tau	1.6500	15200.	101	12812	No
80	GOM_NL__2PRFIN20040812_041703_000000452029_00233_12812_2688.N1	12-AUG-2004 04:17:03	Tw_i_and_stray	44.500	44	24Gam Gem	1.9280	11000.	89	12812	No
81	GOM_NL__2PRFIN20040812_041945_000000722029_00233_12812_2689.N1	12-AUG-2004 04:19:45	Dark	71.500	13	87Alp Tau	0.86700	3800.0	143	12812	No
82	GOM_NL__2PRFIN20040812_042133_000000512029_00233_12812_2690.N1	12-AUG-2004 04:21:33	Dark	50.500	27	24Gam Ori	1.6360	26000.	101	12812	No
83	GOM_NL__2PRFIN20040812_042329_000000492029_00233_12812_2691.N1	12-AUG-2004 04:23:29	Dark	48.500	30	46Eps Ori	1.6940	30000.	97	12812	No
84	GOM_NL__2PRFIN20040812_042609_000000492029_00233_12812_2692.N1	12-AUG-2004 04:26:09	Dark	48.500	1	9Alp CMa	-1.4400	11000.	97	12812	No
85	GOM_NL__2PRFIN20040812_042750_000000412029_00233_12812_2693.N1	12-AUG-2004 04:27:50	Dark	40.500	179	24Omi2CMa	3.0320	24000.	81	12812	No
86	GOM_NL__2PRFIN20040812_042918_000000412029_00233_12812_2694.N1	12-AUG-2004 04:29:18	Dark	41.000	23	21Eps CMa	1.5020	26000.	82	12812	No
87	GOM_NL__2PRFIN20040812_043122_000000442029_00233_12812_2695.N1	12-AUG-2004 04:31:22	Dark	44.000	117	Pi Pup	2.7060	3800.0	88	12812	No
88	GOM_NL__2PRFIN20040812_043606_000000482029_00233_12812_2696.N1	12-AUG-2004 04:36:06	Dark	48.000	2	Alp Car	-0.73600	7000.0	96	12812	No
89	GOM_NL__2PRFIN20040812_044140_000000522029_00234_12813_2371.N1	12-AUG-2004 04:41:40	Dark	52.000	157	The1Eri	2.9060	9300.0	104	12813	No
90	GOM_NL__2PRFIN20040812_044612_000000552029_00234_12813_2372.N1	12-AUG-2004 04:46:12	Dark	54.500	9	Alp Eri	0.45300	24000.	109	12813	No
91	GOM_NL__2PRFIN20040812_045145_000000602029_00234_12813_2373.N1	12-AUG-2004 04:51:45	Straylight	60.000	84	Alp Phe	2.3970	4500.0	120	12813	No
92	GOM_NL__2PRFIN20040812_045451_000000592029_00234_12813_2374.N1	12-AUG-2004 04:54:51	Straylight	59.000	63	Bet Gru	2.1500	2800.0	118	12813	No
93	GOM_NL__2PRFIN20040812_045939_000000652029_00234_12813_2375.N1	12-AUG-2004 04:59:39	Tw_i_and_stray	64.500	18	24Alp PsA	1.1660	9700.0	129	12813	No
94	GOM_NL__2PRFIN20040812_050537_000000462029_00234_12813_2376.N1	12-AUG-2004 05:05:37	Bright	46.000	142	49Del Cap	2.8500	8900.0	92	12813	No
95	GOM_NL__2PRFIN20040812_050913_000000452029_00234_12813_2377.N1	12-AUG-2004 05:09:13	Bright	45.000	154	22Bet Aqr	2.8990	5700.0	90	12813	No
96	GOM_NL__2PRFIN20040812_051127_000000552029_00234_12813_2378.N1	12-AUG-2004 05:11:27	Bright	54.500	162	34Alp Aqr	2.9440	5350.0	109	12813	No
97	GOM_NL__2PRFIN20040812_051331_000000382029_00234_12813_2379.N1	12-AUG-2004 05:13:31	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	12813	No
98	GOM_NL__2PRFIN20040812_051517_000000372029_00234_12813_2380.N1	12-AUG-2004 05:15:17	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	12813	No
99	GOM_NL__2PRFIN20040812_052107_000000402029_00234_12813_2381.N1	12-AUG-2004 05:21:07	Bright	40.000	92	53Eps Cyg	2.5000	4500.0	80	12813	No
100	GOM_NL__2PRFIN20040812_052237_000000422029_00234_12813_2382.N1	12-AUG-2004 05:22:37	Bright	41.500	66	37Gam Cyg	2.2080	5900.0	83	12813	No
101	GOM_NL__2PRFIN20040812_052418_000000432029_00234_12813_2383.N1	12-AUG-2004 05:24:18	Bright	42.500	19	50Alp Cyg	1.2460	10500.	85	12813	No

102	GOM_NL__2PRFIN20040812_052627_000000382029_00234_12813_2384.N1	12-AUG-2004 05:26:27	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	12813	No
103	GOM_NL__2PRFIN20040812_052942_000000402029_00234_12813_2385.N1	12-AUG-2004 05:29:42	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	12813	No
104	GOM_NL__2PRFIN20040812_053445_000000392029_00234_12813_2386.N1	12-AUG-2004 05:34:45	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	12813	No
105	GOM_NL__2PRFIN20040812_053630_000000352029_00234_12813_2387.N1	12-AUG-2004 05:36:30	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	12813	No
106	GOM_NL__2PRFIN20040812_053831_000000492029_00234_12813_2388.N1	12-AUG-2004 05:38:31	Bright	48.500	110	37Del Cas	2.6780	8900.0	97	12813	No
107	GOM_NL__2PRFIN20040812_054418_000000532029_00234_12813_2389.N1	12-AUG-2004 05:44:18	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	12813	No
108	GOM_NL__2PRFIN20040812_054626_000002552029_00234_12813_2390.N1	12-AUG-2004 05:46:26	Twilight	255.00	53	43Bet And	2.0480	3300.0	510	12813	No
109	GOM_NL__2PRFIN20040812_055152_000000422029_00234_12813_2391.N1	12-AUG-2004 05:51:52	Bright	41.500	107	37The Aur	2.6490	11000.	83	12813	No
110	GOM_NL__2PRFIN20040812_055454_000000522029_00234_12813_2392.N1	12-AUG-2004 05:54:54	Twilight	51.500	28	12Bet Tau	1.6500	15200.	103	12813	No
111	GOM_NL__2PRFIN20040812_055740_000000442029_00234_12813_2393.N1	12-AUG-2004 05:57:40	Twilight	44.000	44	24Gam Gem	1.9280	11000.	88	12813	No
112	GOM_NL__2PRFIN20040812_060021_000000682029_00234_12813_2394.N1	12-AUG-2004 06:00:21	Dark	67.500	13	87Alp Tau	0.86700	3800.0	135	12813	No
113	GOM_NL__2PRFIN20040812_060209_000000522029_00234_12813_2395.N1	12-AUG-2004 06:02:09	Dark	51.500	27	24Gam Ori	1.6360	26000.	103	12813	No
114	GOM_NL__2PRFIN20040812_060406_000000502029_00234_12813_2396.N1	12-AUG-2004 06:04:06	Dark	50.000	30	46Eps Ori	1.6940	30000.	100	12813	No
115	GOM_NL__2PRFIN20040812_060646_000000482029_00234_12813_2397.N1	12-AUG-2004 06:06:46	Dark	48.000	1	9Alp CMa	-1.4400	11000.	96	12813	No
116	GOM_NL__2PRFIN20040812_060824_000000432029_00234_12813_2398.N1	12-AUG-2004 06:08:24	Dark	43.000	179	24Omi2CMa	3.0320	24000.	86	12813	No
117	GOM_NL__2PRFIN20040812_060954_000000492029_00234_12813_2399.N1	12-AUG-2004 06:09:54	Dark	49.000	23	21Eps CMa	1.5020	26000.	98	12813	No
118	GOM_NL__2PRFIN20040812_061158_000000452029_00234_12813_2400.N1	12-AUG-2004 06:11:58	Dark	44.500	117	Pi Pup	2.7060	3800.0	89	12813	No
119	GOM_NL__2PRFIN20040812_061642_000000472029_00234_12813_2401.N1	12-AUG-2004 06:16:42	Dark	46.500	2	Alp Car	-0.73600	7000.0	93	12813	No
120	GOM_NL__2PRFIN20040812_062218_000000522029_00235_12814_2392.N1	12-AUG-2004 06:22:18	Dark	51.500	157	The1Eri	2.9060	9300.0	103	12814	No
121	GOM_NL__2PRFIN20040812_062649_000000482029_00235_12814_2393.N1	12-AUG-2004 06:26:49	Dark	48.000	9	Alp Eri	0.45300	24000.	96	12814	No
122	GOM_NL__2PRFIN20040812_063223_000000552029_00235_12814_2394.N1	12-AUG-2004 06:32:23	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	12814	No
123	GOM_NL__2PRFIN20040812_063528_000000512029_00235_12814_2395.N1	12-AUG-2004 06:35:28	Straylight	51.000	63	Bet Gru	2.1500	2800.0	102	12814	No
124	GOM_NL__2PRFIN20040812_064015_000000642029_00235_12814_2396.N1	12-AUG-2004 06:40:15	Twilight	64.000	18	24Alp PsA	1.1660	9700.0	128	12814	No
125	GOM_NL__2PRFIN20040812_064613_000000492029_00235_12814_2397.N1	12-AUG-2004 06:46:13	Bright	49.000	142	49Del Cap	2.8500	8900.0	98	12814	No
126	GOM_NL__2PRFIN20040812_064949_000000462029_00235_12814_2398.N1	12-AUG-2004 06:49:49	Bright	45.500	154	22Bet Aqr	2.8990	5700.0	91	12814	No
127	GOM_NL__2PRFIN20040812_065204_000000532029_00235_12814_2399.N1	12-AUG-2004 06:52:04	Bright	53.000	162	34Alp Aqr	2.9440	5350.0	106	12814	No
128	GOM_NL__2PRFIN20040812_065408_000000402029_00235_12814_2400.N1	12-AUG-2004 06:54:08	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	12814	No
129	GOM_NL__2PRFIN20040812_065553_000000372029_00235_12814_2401.N1	12-AUG-2004 06:55:53	Bright	36.500	168	17Zet Aql	2.9860	11000.	73	12814	No
130	GOM_NL__2PRFIN20040812_070142_000000412029_00235_12814_2402.N1	12-AUG-2004 07:01:42	Bright	41.000	92	53Eps Cyg	2.5000	4500.0	82	12814	No
131	GOM_NL__2PRFIN20040812_070313_000000372029_00235_12814_2403.N1	12-AUG-2004 07:03:13	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	12814	No
132	GOM_NL__2PRFIN20040812_070454_000000382029_00235_12814_2404.N1	12-AUG-2004 07:04:54	Bright	38.000	19	50Alp Cyg	1.2460	10500.	76	12814	No
133	GOM_NL__2PRFIN20040812_070703_000000402029_00235_12814_2405.N1	12-AUG-2004 07:07:03	Bright	39.500	69	33Gam Dra	2.2310	3800.0	79	12814	No
134	GOM_NL__2PRFIN20040812_071018_000000412029_00235_12814_2406.N1	12-AUG-2004 07:10:18	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	12814	No
135	GOM_NL__2PRFIN20040812_071521_000000412029_00235_12814_2407.N1	12-AUG-2004 07:15:21	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	12814	No
136	GOM_NL__2PRFIN20040812_071706_000000372029_00235_12814_2408.N1	12-AUG-2004 07:17:06	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	12814	No
137	GOM_NL__2PRFIN20040812_071907_000000512029_00235_12814_2409.N1	12-AUG-2004 07:19:07	Bright	51.000	110	37Del Cas	2.6780	8900.0	102	12814	No
138	GOM_NL__2PRFIN20040812_072453_000000552029_00235_12814_2410.N1	12-AUG-2004 07:24:53	Bright	54.500	160	23Gam Per	2.9300	4700.0	109	12814	No
139	GOM_NL__2PRFIN20040812_072700_000002552029_00235_12814_2411.N1	12-AUG-2004 07:27:00	Twilight	255.00	53	43Bet And	2.0480	3300.0	510	12814	No
140	GOM_NL__2PRFIN20040812_073230_000000402029_00235_12814_2412.N1	12-AUG-2004 07:32:30	Bright	39.500	107	37The Aur	2.6490	11000.	79	12814	No
141	GOM_NL__2PRFIN20040812_073531_000000532029_00235_12814_2413.N1	12-AUG-2004 07:35:31	Twilight	52.500	28	12Bet Tau	1.6500	15200.	105	12814	No
142	GOM_NL__2PRFIN20040812_073814_000000442029_00235_12814_2414.N1	12-AUG-2004 07:38:14	Twilight	44.000	44	24Gam Gem	1.9280	11000.	88	12814	No
143	GOM_NL__2PRFIN20040812_074058_000000722029_00235_12814_2415.N1	12-AUG-2004 07:40:58	Dark	71.500	13	87Alp Tau	0.86700	3800.0	143	12814	No
144	GOM_NL__2PRFIN20040812_074246_000000522029_00235_12814_2416.N1	12-AUG-2004 07:42:46	Dark	52.000	27	24Gam Ori	1.6360	26000.	104	12814	No
145	GOM_NL__2PRFIN20040812_074442_000000482029_00235_12814_2417.N1	12-AUG-2004 07:44:42	Dark	48.000	30	46Eps Ori	1.6940	30000.	96	12814	No
146	GOM_NL__2PRFIN20040812_074722_000000482029_00235_12814_2418.N1	12-AUG-2004 07:47:22	Dark	47.500	1	9Alp CMa	-1.4400	11000.	95	12814	No
147	GOM_NL__2PRFIN20040812_074902_000000412029_00235_12814_2419.N1	12-AUG-2004 07:49:02	Dark	40.500	179	24Omi2CMa	3.0320	24000.	81	12814	No
148	GOM_NL__2PRFIN20040812_075030_000000432029_00235_12814_2420.N1	12-AUG-2004 07:50:30	Dark	43.000	23	21Eps CMa	1.5020	26000.	86	12814	No
149	GOM_NL__2PRFIN20040812_075234_000000432029_00235_12814_2421.N1	12-AUG-2004 07:52:34	Dark	43.000	117	Pi Pup	2.7060	3800.0	86	12814	No
150	GOM_NL__2PRFIN20040812_075719_000000502029_00235_12814_2422.N1	12-AUG-2004 07:57:19	Dark	49.500	2	Alp Car	-0.73600	7000.0	99	12814	No
151	GOM_NL__2PRFIN20040812_080255_000000522029_00236_12815_2393.N1	12-AUG-2004 08:02:55	Dark	51.500	157	The1Eri	2.9060	9300.0	103	12815	No
152	GOM_NL__2PRFIN20040812_080725_000000472029_00236_12815_2394.N1	12-AUG-2004 08:07:25	Dark	46.500	9	Alp Eri	0.45300	24000.	93	12815	No
153	GOM_NL__2PRFIN20040812_081259_000000682029_00236_12815_2395.N1	12-AUG-2004 08:12:59	Straylight	67.500	84	Alp Phe	2.3970	4500.0	135	12815	No
154	GOM_NL__2PRFIN20040812_081605_000000522029_00236_12815_2396.N1	12-AUG-2004 08:16:05	Straylight	52.000	63	Bet Gru	2.1500	2800.0	104	12815	No
155	GOM_NL__2PRFIN20040812_082052_000000622029_00236_12815_2397.N1	12-AUG-2004 08:20:52	Twilight	61.500	18	24Alp PsA	1.1660	9700.0	123	12815	No
156	GOM_NL__2PRFIN20040812_082650_000000482029_00236_12815_2398.N1	12-AUG-2004 08:26:50	Bright	47.500	142	49Del Cap	2.8500	8900.0	95	12815	No
157	GOM_NL__2PRFIN20040812_083025_000000432029_00236_12815_2399.N1	12-AUG-2004 08:30:25	Bright	43.000	154	22Bet Aqr	2.8990	5700.0	86	12815	No
158	GOM_NL__2PRFIN20040812_083239_000000532029_00236_12815_2400.N1	12-AUG-2004 08:32:39	Bright	52.500	162	34Alp Aqr	2.9440	5350.0	105	12815	No
159	GOM_NL__2PRFIN20040812_083444_000000392029_00236_12815_2401.N1	12-AUG-2004 08:34:44	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	12815	No
160	GOM_NL__2PRFIN20040812_083630_000000372029_00236_12815_2402.N1	12-AUG-2004 08:36:30	Bright	36.500	168	17Zet Aql	2.9860	11000.	73	12815	No



161	GOM_NL__2PRFIN20040812_084218_000000422029_00236_12815_2403.N1	12-AUG-2004 08:42:18	Bright	41.500	92	53Eps Cyg	2.5000	4500.0	83	12815	No
162	GOM_NL__2PRFIN20040812_084348_000000402029_00236_12815_2404.N1	12-AUG-2004 08:43:48	Bright	39.500	66	37Gam Cyg	2.2080	5900.0	79	12815	No
163	GOM_NL__2PRFIN20040812_084530_000000432029_00236_12815_2405.N1	12-AUG-2004 08:45:30	Bright	43.000	19	50Alp Cyg	1.2460	10500.	86	12815	No
164	GOM_NL__2PRFIN20040812_084740_000000422029_00236_12815_2406.N1	12-AUG-2004 08:47:40	Bright	41.500	69	33Gam Dra	2.2310	3800.0	83	12815	No
165	GOM_NL__2PRFIN20040812_085054_000000402029_00236_12815_2407.N1	12-AUG-2004 08:50:54	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	12815	No
166	GOM_NL__2PRFIN20040812_085557_000000352029_00236_12815_2408.N1	12-AUG-2004 08:55:57	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	12815	No
167	GOM_NL__2PRFIN20040812_085742_000000382029_00236_12815_2409.N1	12-AUG-2004 08:57:42	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	12815	No
168	GOM_NL__2PRFIN20040812_085941_000000512029_00236_12815_2410.N1	12-AUG-2004 08:59:41	Bright	50.500	110	37Del Cas	2.6780	8900.0	101	12815	No
169	GOM_NL__2PRFIN20040812_090529_000000532029_00236_12815_2411.N1	12-AUG-2004 09:05:29	Bright	52.500	160	23Gam Per	2.9300	4700.0	105	12815	No
170	GOM_NL__2PRFIN20040812_090733_000002552029_00236_12815_2412.N1	12-AUG-2004 09:07:33	Tw_i_and_stray	255.00	53	43Bet And	2.0480	3300.0	510	12815	No
171	GOM_NL__2PRFIN20040812_091304_000000482029_00236_12815_2413.N1	12-AUG-2004 09:13:04	Bright	48.000	107	37The Aur	2.6490	11000.	96	12815	No
172	GOM_NL__2PRFIN20040812_091607_000000532029_00236_12815_2414.N1	12-AUG-2004 09:16:07	Tw_i_and_stray	53.000	28	12Bet Tau	1.6500	15200.	106	12815	No
173	GOM_NL__2PRFIN20040812_091850_000000462029_00236_12815_2415.N1	12-AUG-2004 09:18:50	Tw_i_and_stray	45.500	44	24Gam Gem	1.9280	11000.	91	12815	No
174	GOM_NL__2PRFIN20040812_092135_000000792029_00236_12815_2416.N1	12-AUG-2004 09:21:35	Dark	78.500	13	87Alp Tau	0.86700	3800.0	157	12815	No
175	GOM_NL__2PRFIN20040812_092323_000000512029_00236_12815_2417.N1	12-AUG-2004 09:23:23	Dark	51.000	27	24Gam Ori	1.6360	26000.	102	12815	No
176	GOM_NL__2PRFIN20040812_092519_000000502029_00236_12815_2418.N1	12-AUG-2004 09:25:19	Dark	50.000	30	46Eps Ori	1.6940	30000.	100	12815	No
177	GOM_NL__2PRFIN20040812_092758_000000462029_00236_12815_2419.N1	12-AUG-2004 09:27:58	Dark	46.000	1	9Alp CMa	-1.4400	11000.	92	12815	No
178	GOM_NL__2PRFIN20040812_092937_000000432029_00236_12815_2420.N1	12-AUG-2004 09:29:37	Dark	42.500	179	24Omi2CMa	3.0320	24000.	85	12815	No
179	GOM_NL__2PRFIN20040812_093106_000000452029_00236_12815_2421.N1	12-AUG-2004 09:31:06	Dark	44.500	23	21Eps CMa	1.5020	26000.	89	12815	No
180	GOM_NL__2PRFIN20040812_093311_000000452029_00236_12815_2422.N1	12-AUG-2004 09:33:11	Dark	45.000	117	Pi Pup	2.7060	3800.0	90	12815	No
181	GOM_NL__2PRFIN20040812_093755_000000522029_00236_12815_2423.N1	12-AUG-2004 09:37:55	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	12815	No
182	GOM_NL__2PRFIN20040812_094332_000000532029_00237_12816_2394.N1	12-AUG-2004 09:43:32	Dark	52.500	157	The1Eri	2.9060	9300.0	105	12816	No
183	GOM_NL__2PRFIN20040812_094802_000000482029_00237_12816_2395.N1	12-AUG-2004 09:48:02	Dark	47.500	9	Alp Eri	0.45300	24000.	95	12816	No
184	GOM_NL__2PRFIN20040812_095336_000000672029_00237_12816_2396.N1	12-AUG-2004 09:53:36	Straylight	67.000	84	Alp Phe	2.3970	4500.0	134	12816	No
185	GOM_NL__2PRFIN20040812_095641_000000502029_00237_12816_2397.N1	12-AUG-2004 09:56:41	Straylight	49.500	63	Bet Gru	2.1500	2800.0	99	12816	No
186	GOM_NL__2PRFIN20040812_100128_000000602029_00237_12816_2398.N1	12-AUG-2004 10:01:28	Tw_i_and_stray	59.500	18	24Alp PsA	1.1660	9700.0	119	12816	No
187	GOM_NL__2PRFIN20040812_100726_000000472029_00237_12816_2399.N1	12-AUG-2004 10:07:26	Bright	47.000	142	49Del Cap	2.8500	8900.0	94	12816	No
188	GOM_NL__2PRFIN20040812_101101_000000462029_00237_12816_2400.N1	12-AUG-2004 10:11:01	Bright	46.000	154	22Bet Aqr	2.8990	5700.0	92	12816	No
189	GOM_NL__2PRFIN20040812_101315_000000522029_00237_12816_2401.N1	12-AUG-2004 10:13:15	Bright	51.500	162	34Alp Aqr	2.9440	5350.0	103	12816	No
190	GOM_NL__2PRFIN20040812_101519_000000382029_00237_12816_2402.N1	12-AUG-2004 10:15:19	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	12816	No
191	GOM_NL__2PRFIN20040812_101706_000000382029_00237_12816_2403.N1	12-AUG-2004 10:17:06	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	12816	No
192	GOM_NL__2PRFIN20040812_102253_000000422029_00237_12816_2404.N1	12-AUG-2004 10:22:53	Bright	42.000	92	53Eps Cyg	2.5000	4500.0	84	12816	No
193	GOM_NL__2PRFIN20040812_102424_000000412029_00237_12816_2405.N1	12-AUG-2004 10:24:24	Bright	41.000	66	37Gam Cyg	2.2080	5900.0	82	12816	No
194	GOM_NL__2PRFIN20040812_102605_000000432029_00237_12816_2406.N1	12-AUG-2004 10:26:05	Bright	43.000	19	50Alp Cyg	1.2460	10500.	86	12816	No
195	GOM_NL__2PRFIN20040812_102815_000000392029_00237_12816_2407.N1	12-AUG-2004 10:28:15	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	12816	No
196	GOM_NL__2PRFIN20040812_103129_000000412029_00237_12816_2408.N1	12-AUG-2004 10:31:29	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	12816	No
197	GOM_NL__2PRFIN20040812_103633_000000382029_00237_12816_2409.N1	12-AUG-2004 10:36:33	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	12816	No
198	GOM_NL__2PRFIN20040812_103817_000000392029_00237_12816_2410.N1	12-AUG-2004 10:38:17	Bright	39.000	49	1Alp UMi	1.9900	6300.0	78	12816	No
199	GOM_NL__2PRFIN20040812_104017_000000512029_00237_12816_2411.N1	12-AUG-2004 10:40:17	Bright	50.500	110	37Del Cas	2.6780	8900.0	101	12816	No
200	GOM_NL__2PRFIN20040812_104604_000000542029_00237_12816_2412.N1	12-AUG-2004 10:46:04	Bright	54.000	160	23Gam Per	2.9300	4700.0	108	12816	No
201	GOM_NL__2PRFIN20040812_104806_000002552029_00237_12816_2413.N1	12-AUG-2004 10:48:06	Tw_i_and_stray	255.00	53	43Bet And	2.0480	3300.0	510	12816	No
202	GOM_NL__2PRFIN20040812_105340_000000412029_00237_12816_2414.N1	12-AUG-2004 10:53:40	Bright	41.000	107	37The Aur	2.6490	11000.	82	12816	No
203	GOM_NL__2PRFIN20040812_105643_000000522029_00237_12816_2415.N1	12-AUG-2004 10:56:43	Tw_i_and_stray	52.000	28	12Bet Tau	1.6500	15200.	104	12816	No
204	GOM_NL__2PRFIN20040812_105926_000000452029_00237_12816_2416.N1	12-AUG-2004 10:59:26	Tw_i_and_stray	44.500	44	24Gam Gem	1.9280	11000.	89	12816	No
205	GOM_NL__2PRFIN20040812_110211_000000752029_00237_12816_2417.N1	12-AUG-2004 11:02:11	Dark	74.500	13	87Alp Tau	0.86700	3800.0	149	12816	No
206	GOM_NL__2PRFIN20040812_110400_000000532029_00237_12816_2418.N1	12-AUG-2004 11:04:00	Dark	53.000	27	24Gam Ori	1.6360	26000.	106	12816	No
207	GOM_NL__2PRFIN20040812_110555_000000522029_00237_12816_2419.N1	12-AUG-2004 11:05:55	Dark	51.500	30	46Eps Ori	1.6940	30000.	103	12816	No
208	GOM_NL__2PRFIN20040812_110834_000000452029_00237_12816_2420.N1	12-AUG-2004 11:08:34	Dark	45.000	1	9Alp CMa	-1.4400	11000.	90	12816	No
209	GOM_NL__2PRFIN20040812_111013_000000432029_00237_12816_2421.N1	12-AUG-2004 11:10:13	Dark	42.500	179	24Omi2CMa	3.0320	24000.	85	12816	No
210	GOM_NL__2PRFIN20040812_111142_000000452029_00237_12816_2422.N1	12-AUG-2004 11:11:42	Dark	44.500	23	21Eps CMa	1.5020	26000.	89	12816	No
211	GOM_NL__2PRFIN20040812_111347_000000452029_00237_12816_2423.N1	12-AUG-2004 11:13:47	Dark	44.500	117	Pi Pup	2.7060	3800.0	89	12816	No
212	GOM_NL__2PRFIN20040812_111831_000000522029_00237_12816_2424.N1	12-AUG-2004 11:18:31	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	12816	No
213	GOM_NL__2PRFIN20040812_112408_000000522029_00238_12817_2395.N1	12-AUG-2004 11:24:08	Dark	52.000	157	The1Eri	2.9060	9300.0	104	12817	No
214	GOM_NL__2PRFIN20040812_112838_000000462029_00238_12817_2396.N1	12-AUG-2004 11:28:38	Dark	45.500	9	Alp Eri	0.45300	24000.	91	12817	No
215	GOM_NL__2PRFIN20040812_113411_000000612029_00238_12817_2397.N1	12-AUG-2004 11:34:11	Straylight	61.000	84	Alp Phe	2.3970	4500.0	122	12817	No
216	GOM_NL__2PRFIN20040812_113717_000000492029_00238_12817_2398.N1	12-AUG-2004 11:37:17	Straylight	49.000	63	Bet Gru	2.1500	2800.0	98	12817	No
217	GOM_NL__2PRFIN20040812_114204_000000622029_00238_12817_2399.N1	12-AUG-2004 11:42:04	Tw_i_and_stray	62.000	18	24Alp PsA	1.1660	9700.0	124	12817	No
218	GOM_NL__2PRFIN20040812_114801_000000482029_00238_12817_2400.N1	12-AUG-2004 11:48:01	Bright	48.000	142	49Del Cap	2.8500	8900.0	96	12817	No
219	GOM_NL__2PRFIN20040812_115136_000000462029_00238_12817_2401.N1	12-AUG-2004 11:51:36	Bright	46.000	154	22Bet Aqr	2.8990	5700.0	92	12817	No

220	GOM_NL__2PRFIN20040812_115350_000000532029_00238_12817_2402.N1	12-AUG-2004 11:53:50	Bright	53.000	162	34Alp Aqr	2.9440	5350.0	106	12817	No
221	GOM_NL__2PRFIN20040812_115555_000000412029_00238_12817_2403.N1	12-AUG-2004 11:55:55	Bright	40.500	11	53Alp Aql	0.76500	8000.0	81	12817	No
222	GOM_NL__2PRFIN20040812_115741_000000392029_00238_12817_2404.N1	12-AUG-2004 11:57:41	Bright	38.500	168	17Zet Aql	2.9860	11000.	77	12817	No
223	GOM_NL__2PRFIN20040812_120329_000000412029_00238_12817_2405.N1	12-AUG-2004 12:03:29	Bright	40.500	92	53Eps Cyg	2.5000	4500.0	81	12817	No
224	GOM_NL__2PRFIN20040812_120459_000000422029_00238_12817_2406.N1	12-AUG-2004 12:04:59	Bright	41.500	66	37Gam Cyg	2.2080	5900.0	83	12817	No
225	GOM_NL__2PRFIN20040812_120640_000000422029_00238_12817_2407.N1	12-AUG-2004 12:06:40	Bright	42.000	19	50Alp Cyg	1.2460	10500.	84	12817	No
226	GOM_NL__2PRFIN20040812_120852_000000412029_00238_12817_2408.N1	12-AUG-2004 12:08:52	Bright	41.000	69	33Gam Dra	2.2310	3800.0	82	12817	No
227	GOM_NL__2PRFIN20040812_121204_000000422029_00238_12817_2409.N1	12-AUG-2004 12:12:04	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	12817	No
228	GOM_NL__2PRFIN20040812_121710_000000392029_00238_12817_2410.N1	12-AUG-2004 12:17:10	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	12817	No
229	GOM_NL__2PRFIN20040812_121853_000000402029_00238_12817_2411.N1	12-AUG-2004 12:18:53	Bright	40.000	49	1Alp UMi	1.9900	6300.0	80	12817	No
230	GOM_NL__2PRFIN20040812_122053_000000612029_00238_12817_2412.N1	12-AUG-2004 12:20:53	Bright	60.500	110	37Del Cas	2.6780	8900.0	121	12817	No
231	GOM_NL__2PRFIN20040812_122640_000000522029_00238_12817_2413.N1	12-AUG-2004 12:26:40	Bright	51.500	160	23Gam Per	2.9300	4700.0	103	12817	No
232	GOM_NL__2PRFIN20040812_122839_000002552029_00238_12817_2414.N1	12-AUG-2004 12:28:39	Twilight	255.00	53	43Bet And	2.0480	3300.0	510	12817	No
233	GOM_NL__2PRFIN20040812_123416_000000422029_00238_12817_2415.N1	12-AUG-2004 12:34:16	Bright	41.500	107	37The Aur	2.6490	11000.	83	12817	No
234	GOM_NL__2PRFIN20040812_123719_000000502029_00238_12817_2416.N1	12-AUG-2004 12:37:19	Twilight	50.000	28	12Bet Tau	1.6500	15200.	100	12817	No
235	GOM_NL__2PRFIN20040812_124004_000000422029_00238_12817_2417.N1	12-AUG-2004 12:40:04	Twilight	41.500	44	24Gam Gem	1.9280	11000.	83	12817	No
236	GOM_NL__2PRFIN20040812_124247_000000702029_00238_12817_2418.N1	12-AUG-2004 12:42:47	Dark	69.500	13	87Alp Tau	0.86700	3800.0	139	12817	No
237	GOM_NL__2PRFIN20040812_124435_000000532029_00238_12817_2419.N1	12-AUG-2004 12:44:35	Dark	53.000	27	24Gam Ori	1.6360	26000.	106	12817	No
238	GOM_NL__2PRFIN20040812_124631_000000502029_00238_12817_2420.N1	12-AUG-2004 12:46:31	Dark	49.500	30	46Eps Ori	1.6940	30000.	99	12817	No
239	GOM_NL__2PRFIN20040812_124909_000000482029_00238_12817_2421.N1	12-AUG-2004 12:49:09	Dark	48.000	1	9Alp CMa	-1.4400	11000.	96	12817	No
240	GOM_NL__2PRFIN20040812_125050_000000412029_00238_12817_2422.N1	12-AUG-2004 12:50:50	Dark	41.000	179	24Omi2CMa	3.0320	24000.	82	12817	No
241	GOM_NL__2PRFIN20040812_125218_000000422029_00238_12817_2423.N1	12-AUG-2004 12:52:18	Dark	42.000	23	21Eps CMa	1.5020	26000.	84	12817	No
242	GOM_NL__2PRFIN20040812_125422_000000452029_00238_12817_2424.N1	12-AUG-2004 12:54:22	Dark	45.000	117	Pi Pup	2.7060	3800.0	90	12817	No
243	GOM_NL__2PRFIN20040812_125907_000000492029_00238_12817_2425.N1	12-AUG-2004 12:59:07	Dark	49.000	2	Alp Car	-0.73600	7000.0	98	12817	No
244	GOM_NL__2PRFIN20040812_130445_000000532029_00239_12818_2395.N1	12-AUG-2004 13:04:45	Dark	53.000	157	The1Eri	2.9060	9300.0	106	12818	No
245	GOM_NL__2PRFIN20040812_130915_000000492029_00239_12818_2396.N1	12-AUG-2004 13:09:15	Dark	49.000	9	Alp Eri	0.45300	24000.	98	12818	No
246	GOM_NL__2PRFIN20040812_131450_000000592029_00239_12818_2397.N1	12-AUG-2004 13:14:50	Straylight	59.000	84	Alp Phe	2.3970	4500.0	118	12818	No
247	GOM_NL__2PRFIN20040812_131753_000000492029_00239_12818_2398.N1	12-AUG-2004 13:17:53	Straylight	48.500	63	Bet Gru	2.1500	2800.0	97	12818	No
248	GOM_NL__2PRFIN20040812_132241_000000642029_00239_12818_2399.N1	12-AUG-2004 13:22:41	Twilight	63.500	18	24Alp PsA	1.1660	9700.0	127	12818	No
249	GOM_NL__2PRFIN20040812_132837_000000462029_00239_12818_2400.N1	12-AUG-2004 13:28:37	Bright	46.000	142	49Del Cap	2.8500	8900.0	92	12818	No
250	GOM_NL__2PRFIN20040812_133213_000000462029_00239_12818_2401.N1	12-AUG-2004 13:32:13	Bright	45.500	154	22Bet Aqr	2.8990	5700.0	91	12818	No
251	GOM_NL__2PRFIN20040812_133426_000000532029_00239_12818_2402.N1	12-AUG-2004 13:34:26	Bright	52.500	162	34Alp Aqr	2.9440	5350.0	105	12818	No
252	GOM_NL__2PRFIN20040812_133630_000000382029_00239_12818_2403.N1	12-AUG-2004 13:36:30	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	12818	No
253	GOM_NL__2PRFIN20040812_133817_000000372029_00239_12818_2404.N1	12-AUG-2004 13:38:17	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	12818	No
254	GOM_NL__2PRFIN20040812_134404_000000392029_00239_12818_2405.N1	12-AUG-2004 13:44:04	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	12818	No
255	GOM_NL__2PRFIN20040812_134535_000000412029_00239_12818_2406.N1	12-AUG-2004 13:45:35	Bright	40.500	66	37Gam Cyg	2.2080	5900.0	81	12818	No
256	GOM_NL__2PRFIN20040812_134716_000000442029_00239_12818_2407.N1	12-AUG-2004 13:47:16	Bright	43.500	19	50Alp Cyg	1.2460	10500.	87	12818	No
257	GOM_NL__2PRFIN20040812_134928_000000362029_00239_12818_2408.N1	12-AUG-2004 13:49:28	Bright	36.000	69	33Gam Dra	2.2310	3800.0	72	12818	No
258	GOM_NL__2PRFIN20040812_135240_000000422029_00239_12818_2409.N1	12-AUG-2004 13:52:40	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	12818	No
259	GOM_NL__2PRFIN20040812_135746_000000382029_00239_12818_2410.N1	12-AUG-2004 13:57:46	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	12818	No
260	GOM_NL__2PRFIN20040812_135929_000000392029_00239_12818_2411.N1	12-AUG-2004 13:59:29	Bright	39.000	49	1Alp UMi	1.9900	6300.0	78	12818	No
261	GOM_NL__2PRFIN20040812_140128_000000492029_00239_12818_2412.N1	12-AUG-2004 14:01:28	Bright	49.000	110	37Del Cas	2.6780	8900.0	98	12818	No
262	GOM_NL__2PRFIN20040812_140715_000000522029_00239_12818_2413.N1	12-AUG-2004 14:07:15	Bright	52.000	160	23Gam Per	2.9300	4700.0	104	12818	No
263	GOM_NL__2PRFIN20040812_140912_000002552029_00239_12818_2414.N1	12-AUG-2004 14:09:12	Twilight	255.00	53	43Bet And	2.0480	3300.0	510	12818	No
264	GOM_NL__2PRFIN20040812_141454_000000402029_00239_12818_2415.N1	12-AUG-2004 14:14:54	Bright	40.000	107	37The Aur	2.6490	11000.	80	12818	No
265	GOM_NL__2PRFIN20040812_141755_000000522029_00239_12818_2416.N1	12-AUG-2004 14:17:55	Twilight	52.000	28	12Bet Tau	1.6500	15200.	104	12818	No
266	GOM_NL__2PRFIN20040812_142040_000000402029_00239_12818_2417.N1	12-AUG-2004 14:20:40	Twilight	39.500	44	24Gam Gem	1.9280	11000.	79	12818	No
267	GOM_NL__2PRFIN20040812_142324_000000732029_00239_12818_2418.N1	12-AUG-2004 14:23:24	Dark	73.000	13	87Alp Tau	0.86700	3800.0	146	12818	No
268	GOM_NL__2PRFIN20040812_142512_000000512029_00239_12818_2419.N1	12-AUG-2004 14:25:12	Dark	51.000	27	24Gam Ori	1.6360	26000.	102	12818	No
269	GOM_NL__2PRFIN20040812_142709_000000512029_00239_12818_2420.N1	12-AUG-2004 14:27:09	Dark	51.000	30	46Eps Ori	1.6940	30000.	102	12818	No
270	GOM_NL__2PRFIN20040812_142945_000000522029_00239_12818_2421.N1	12-AUG-2004 14:29:45	Dark	52.000	1	9Alp CMa	-1.4400	11000.	104	12818	No
271	GOM_NL__2PRFIN20040812_143125_000000432029_00239_12818_2422.N1	12-AUG-2004 14:31:25	Dark	43.000	179	24Omi2CMa	3.0320	24000.	86	12818	No
272	GOM_NL__2PRFIN20040812_143254_000000452029_00239_12818_2423.N1	12-AUG-2004 14:32:54	Dark	44.500	23	21Eps CMa	1.5020	26000.	89	12818	No
273	GOM_NL__2PRFIN20040812_143458_000000442029_00239_12818_2424.N1	12-AUG-2004 14:34:58	Dark	43.500	117	Pi Pup	2.7060	3800.0	87	12818	No
274	GOM_NL__2PRFIN20040812_143941_000000502029_00239_12818_2425.N1	12-AUG-2004 14:39:41	Dark	50.000	2	Alp Car	-0.73600	7000.0	100	12818	No
275	GOM_NL__2PRFIN20040812_144523_000000522029_00240_12819_2395.N1	12-AUG-2004 14:45:23	Dark	51.500	157	The1Eri	2.9060	9300.0	103	12819	No
276	GOM_NL__2PRFIN20040812_144952_000000462029_00240_12819_2396.N1	12-AUG-2004 14:49:52	Dark	46.000	9	Alp Eri	0.45300	24000.	92	12819	No
277	GOM_NL__2PRFIN20040812_145527_000000562029_00240_12819_2397.N1	12-AUG-2004 14:55:27	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	12819	No
278	GOM_NL__2PRFIN20040812_145830_000000482029_00240_12819_2398.N1	12-AUG-2004 14:58:30	Straylight	48.000	63	Bet Gru	2.1500	2800.0	96	12819	No

279	GOM_NL__2PRFIN20040812_150317_000000612029_00240_12819_2399.N1	12-AUG-2004 15:03:17	Twilight	61.000	18	24Alp PsA	1.1660	9700.0	122	12819	No
280	GOM_NL__2PRFIN20040812_150913_000000472029_00240_12819_2400.N1	12-AUG-2004 15:09:13	Bright	46.500	142	49Del Cap	2.8500	8900.0	93	12819	No
281	GOM_NL__2PRFIN20040812_151248_000000462029_00240_12819_2401.N1	12-AUG-2004 15:12:48	Bright	45.500	154	22Bet Aqr	2.8990	5700.0	91	12819	No
282	GOM_NL__2PRFIN20040812_151502_000000532029_00240_12819_2402.N1	12-AUG-2004 15:15:02	Bright	52.500	162	34Alp Aqr	2.9440	5350.0	105	12819	No
283	GOM_NL__2PRFIN20040812_151707_000000372029_00240_12819_2403.N1	12-AUG-2004 15:17:07	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	12819	No
284	GOM_NL__2PRFIN20040812_151854_000000362029_00240_12819_2404.N1	12-AUG-2004 15:18:54	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	12819	No
285	GOM_NL__2PRFIN20040812_152440_000000422029_00240_12819_2405.N1	12-AUG-2004 15:24:40	Bright	42.000	92	53Eps Cyg	2.5000	4500.0	84	12819	No
286	GOM_NL__2PRFIN20040812_152611_000000412029_00240_12819_2406.N1	12-AUG-2004 15:26:11	Bright	40.500	66	37Gam Cyg	2.2080	5900.0	81	12819	No
287	GOM_NL__2PRFIN20040812_152752_000000412029_00240_12819_2407.N1	12-AUG-2004 15:27:52	Bright	40.500	19	50Alp Cyg	1.2460	10500.	81	12819	No
288	GOM_NL__2PRFIN20040812_153004_000000412029_00240_12819_2408.N1	12-AUG-2004 15:30:04	Bright	40.500	69	33Gam Dra	2.2310	3800.0	81	12819	No
289	GOM_NL__2PRFIN20040812_153316_000000412029_00240_12819_2409.N1	12-AUG-2004 15:33:16	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	12819	No
290	GOM_NL__2PRFIN20040812_153822_000000352029_00240_12819_2410.N1	12-AUG-2004 15:38:22	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	12819	No
291	GOM_NL__2PRFIN20040812_154006_000000382029_00240_12819_2411.N1	12-AUG-2004 15:40:06	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	12819	No
292	GOM_NL__2PRFIN20040812_154203_000000492029_00240_12819_2412.N1	12-AUG-2004 15:42:03	Bright	49.000	110	37Del Cas	2.6780	8900.0	98	12819	No
293	GOM_NL__2PRFIN20040812_154750_000000512029_00240_12819_2413.N1	12-AUG-2004 15:47:50	Bright	51.000	160	23Gam Per	2.9300	4700.0	102	12819	No
294	GOM_NL__2PRFIN20040812_154945_0000002552029_00240_12819_2414.N1	12-AUG-2004 15:49:45	Twilight	255.00	53	43Bet And	2.0480	3300.0	510	12819	No
295	GOM_NL__2PRFIN20040812_155531_000000392029_00240_12819_2415.N1	12-AUG-2004 15:55:31	Bright	38.500	107	37The Aur	2.6490	11000.	77	12819	No
296	GOM_NL__2PRFIN20040812_155831_000000512029_00240_12819_2416.N1	12-AUG-2004 15:58:31	Twilight	50.500	28	12Bet Tau	1.6500	15200.	101	12819	No
297	GOM_NL__2PRFIN20040812_160118_000000382029_00240_12819_2417.N1	12-AUG-2004 16:01:18	Twilight	38.000	44	24Gam Gem	1.9280	11000.	76	12819	No
298	GOM_NL__2PRFIN20040812_160400_000000792029_00240_12819_2418.N1	12-AUG-2004 16:04:00	Dark	79.000	13	87Alp Tau	0.86700	3800.0	158	12819	No
299	GOM_NL__2PRFIN20040812_160549_000000492029_00240_12819_2419.N1	12-AUG-2004 16:05:49	Dark	49.000	27	24Gam Ori	1.6360	26000.	98	12819	No
300	GOM_NL__2PRFIN20040812_160745_000000502029_00240_12819_2420.N1	12-AUG-2004 16:07:45	Dark	49.500	30	46Eps Ori	1.6940	30000.	99	12819	No
301	GOM_NL__2PRFIN20040812_161023_000000442029_00240_12819_2421.N1	12-AUG-2004 16:10:23	Dark	43.500	1	9Alp CMa	-1.4400	11000.	87	12819	No
302	GOM_NL__2PRFIN20040812_161203_000000392029_00240_12819_2422.N1	12-AUG-2004 16:12:03	Dark	38.500	179	24Omi2CMa	3.0320	24000.	77	12819	No
303	GOM_NL__2PRFIN20040812_161331_000000432029_00240_12819_2423.N1	12-AUG-2004 16:13:31	Dark	42.500	23	21Eps CMa	1.5020	26000.	85	12819	No
304	GOM_NL__2PRFIN20040812_161535_000000462029_00240_12819_2424.N1	12-AUG-2004 16:15:35	Dark	45.500	117	Pi Pup	2.7060	3800.0	91	12819	No
305	GOM_NL__2PRFIN20040812_162020_000000522029_00240_12819_2425.N1	12-AUG-2004 16:20:20	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	12819	No
306	GOM_NL__2PRFIN20040812_162600_000000522029_00241_12820_2395.N1	12-AUG-2004 16:26:00	Dark	51.500	157	The1Eri	2.9060	9300.0	103	12820	No
307	GOM_NL__2PRFIN20040812_163028_000000462029_00241_12820_2396.N1	12-AUG-2004 16:30:28	Dark	45.500	9	Alp Eri	0.45300	24000.	91	12820	No
308	GOM_NL__2PRFIN20040812_163604_000000542029_00241_12820_2397.N1	12-AUG-2004 16:36:04	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	12820	No
309	GOM_NL__2PRFIN20040812_163911_000000432029_00241_12820_2398.N1	12-AUG-2004 16:39:11	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	12820	No
310	GOM_NL__2PRFIN20040812_164354_000000622029_00241_12820_2399.N1	12-AUG-2004 16:43:54	Twilight	61.500	18	24Alp PsA	1.1660	9700.0	123	12820	No
311	GOM_NL__2PRFIN20040812_164949_000000472029_00241_12820_2400.N1	12-AUG-2004 16:49:49	Bright	46.500	142	49Del Cap	2.8500	8900.0	93	12820	No
312	GOM_NL__2PRFIN20040812_165324_000000462029_00241_12820_2401.N1	12-AUG-2004 16:53:24	Bright	46.000	154	22Bet Aqr	2.8990	5700.0	92	12820	No
313	GOM_NL__2PRFIN20040812_165537_000000542029_00241_12820_2402.N1	12-AUG-2004 16:55:37	Bright	53.500	162	34Alp Aqr	2.9440	5350.0	107	12820	No
314	GOM_NL__2PRFIN20040812_165743_000000382029_00241_12820_2403.N1	12-AUG-2004 16:57:43	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	12820	No
315	GOM_NL__2PRFIN20040812_165929_000000382029_00241_12820_2404.N1	12-AUG-2004 16:59:29	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	12820	No
316	GOM_NL__2PRFIN20040812_170516_000000412029_00241_12820_2405.N1	12-AUG-2004 17:05:16	Bright	40.500	92	53Eps Cyg	2.5000	4500.0	81	12820	No
317	GOM_NL__2PRFIN20040812_170646_000000422029_00241_12820_2406.N1	12-AUG-2004 17:06:46	Bright	41.500	66	37Gam Cyg	2.2080	5900.0	83	12820	No
318	GOM_NL__2PRFIN20040812_170827_000000412029_00241_12820_2407.N1	12-AUG-2004 17:08:27	Bright	40.500	19	50Alp Cyg	1.2460	10500.	81	12820	No
319	GOM_NL__2PRFIN20040812_171041_000000412029_00241_12820_2408.N1	12-AUG-2004 17:10:41	Bright	40.500	69	33Gam Dra	2.2310	3800.0	81	12820	No
320	GOM_NL__2PRFIN20040812_171351_000000412029_00241_12820_2409.N1	12-AUG-2004 17:13:51	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	12820	No
321	GOM_NL__2PRFIN20040812_171858_000000402029_00241_12820_2410.N1	12-AUG-2004 17:18:58	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	12820	No
322	GOM_NL__2PRFIN20040812_172040_000000392029_00241_12820_2411.N1	12-AUG-2004 17:20:40	Bright	39.000	49	1Alp UMi	1.9900	6300.0	78	12820	No
323	GOM_NL__2PRFIN20040812_172238_000000502029_00241_12820_2412.N1	12-AUG-2004 17:22:38	Bright	49.500	110	37Del Cas	2.6780	8900.0	99	12820	No
324	GOM_NL__2PRFIN20040812_173019_0000002552029_00241_12820_2413.N1	12-AUG-2004 17:30:19	Twilight	255.00	53	43Bet And	2.0480	3300.0	510	12820	No
325	GOM_NL__2PRFIN20040812_173908_000000522029_00241_12820_2414.N1	12-AUG-2004 17:39:08	Twilight	52.000	28	12Bet Tau	1.6500	15200.	104	12820	No
326	GOM_NL__2PRFIN20040812_174153_000000412029_00241_12820_2415.N1	12-AUG-2004 17:41:53	Twilight	40.500	44	24Gam Gem	1.9280	11000.	81	12820	No
327	GOM_NL__2PRFIN20040812_174437_000000792029_00241_12820_2416.N1	12-AUG-2004 17:44:37	Dark	79.000	13	87Alp Tau	0.86700	3800.0	158	12820	No
328	GOM_NL__2PRFIN20040812_174625_000000512029_00241_12820_2417.N1	12-AUG-2004 17:46:25	Dark	50.500	27	24Gam Ori	1.6360	26000.	101	12820	No
329	GOM_NL__2PRFIN20040812_174821_000000502029_00241_12820_2418.N1	12-AUG-2004 17:48:21	Dark	49.500	30	46Eps Ori	1.6940	30000.	99	12820	No
330	GOM_NL__2PRFIN20040812_175059_000000462029_00241_12820_2419.N1	12-AUG-2004 17:50:59	Dark	45.500	1	9Alp CMa	-1.4400	11000.	91	12820	No
331	GOM_NL__2PRFIN20040812_175237_000000422029_00241_12820_2420.N1	12-AUG-2004 17:52:37	Dark	41.500	179	24Omi2CMa	3.0320	24000.	83	12820	No
332	GOM_NL__2PRFIN20040812_175407_000000432029_00241_12820_2421.N1	12-AUG-2004 17:54:07	Dark	42.500	23	21Eps CMa	1.5020	26000.	85	12820	No
333	GOM_NL__2PRFIN20040812_175611_000000432029_00241_12820_2422.N1	12-AUG-2004 17:56:11	Dark	42.500	117	Pi Pup	2.7060	3800.0	85	12820	No
334	GOM_NL__2PRFIN20040812_180056_000000462029_00241_12820_2423.N1	12-AUG-2004 18:00:56	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	12820	No
335	GOM_NL__2PRFIN20040812_180637_000000542029_00242_12821_2395.N1	12-AUG-2004 18:06:37	Dark	53.500	157	The1Eri	2.9060	9300.0	107	12821	No
336	GOM_NL__2PRFIN20040812_181105_000000482029_00242_12821_2396.N1	12-AUG-2004 18:11:05	Dark	48.000	9	Alp Eri	0.45300	24000.	96	12821	No
337	GOM_NL__2PRFIN20040812_181641_000000572029_00242_12821_2397.N1	12-AUG-2004 18:16:41	Straylight	57.000	84	Alp Phe	2.3970	4500.0	114	12821	No



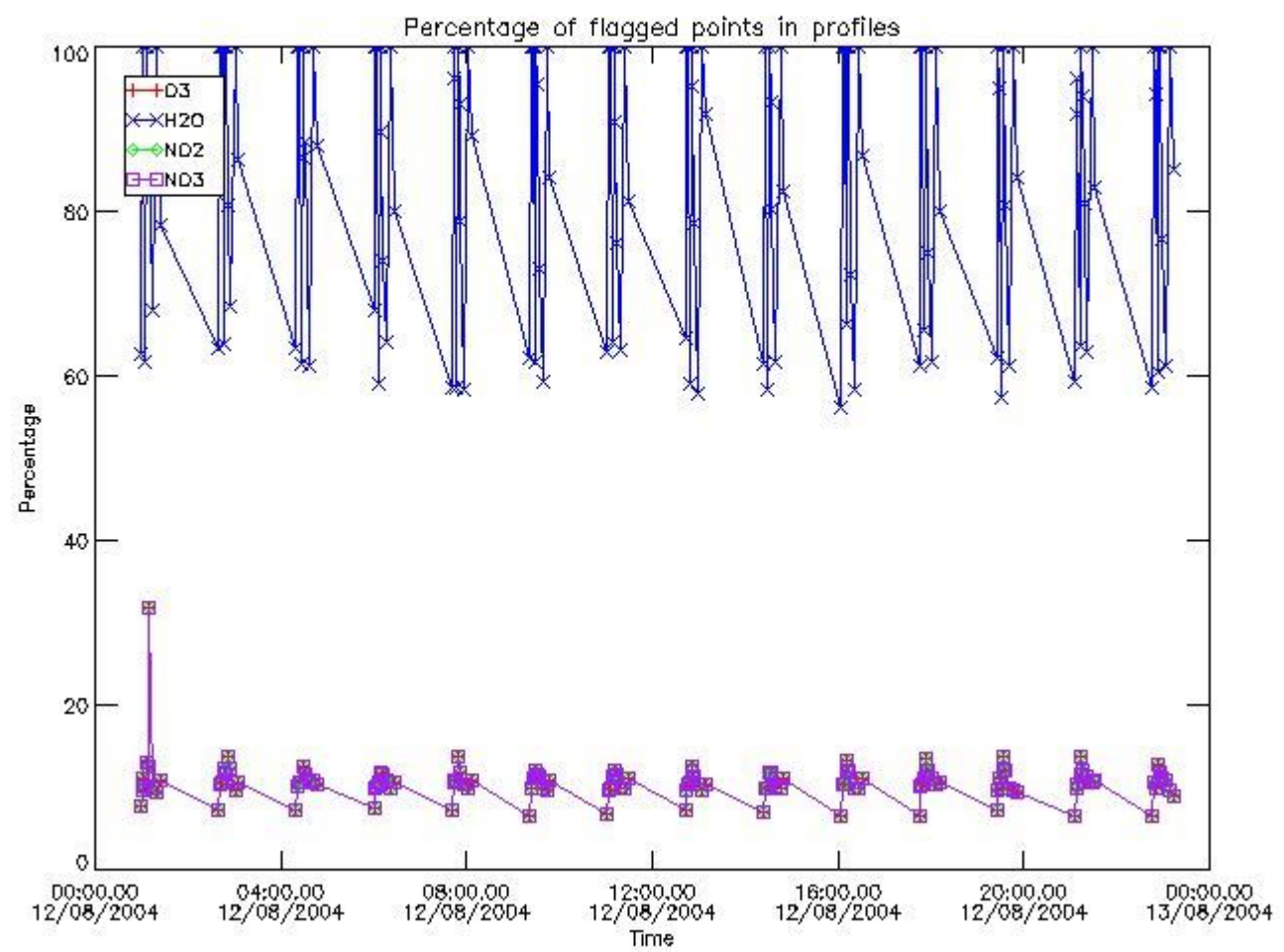
338	GOM_NL__2PRFIN20040812_181948_000000402029_00242_12821_2398.N1	12-AUG-2004 18:19:48	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	12821	No
339	GOM_NL__2PRFIN20040812_182430_000000632029_00242_12821_2399.N1	12-AUG-2004 18:24:30	Twilight_stray	62.500	18	24Alp PsA	1.1660	9700.0	125	12821	No
340	GOM_NL__2PRFIN20040812_183025_000000482029_00242_12821_2400.N1	12-AUG-2004 18:30:25	Bright	47.500	142	49Del Cap	2.8500	8900.0	95	12821	No
341	GOM_NL__2PRFIN20040812_183400_000000462029_00242_12821_2401.N1	12-AUG-2004 18:34:00	Bright	46.000	154	22Bet Aqr	2.8990	5700.0	92	12821	No
342	GOM_NL__2PRFIN20040812_183613_000000532029_00242_12821_2402.N1	12-AUG-2004 18:36:13	Bright	52.500	162	34Alp Aqr	2.9440	5350.0	105	12821	No
343	GOM_NL__2PRFIN20040812_183819_000000392029_00242_12821_2403.N1	12-AUG-2004 18:38:19	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	12821	No
344	GOM_NL__2PRFIN20040812_184006_000000372029_00242_12821_2404.N1	12-AUG-2004 18:40:06	Bright	36.500	168	17Zet Aql	2.9860	11000.	73	12821	No
345	GOM_NL__2PRFIN20040812_184551_000000402029_00242_12821_2405.N1	12-AUG-2004 18:45:51	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	12821	No
346	GOM_NL__2PRFIN20040812_184723_000000402029_00242_12821_2406.N1	12-AUG-2004 18:47:23	Bright	39.500	66	37Gam Cyg	2.2080	5900.0	79	12821	No
347	GOM_NL__2PRFIN20040812_184904_000000422029_00242_12821_2407.N1	12-AUG-2004 18:49:04	Bright	41.500	19	50Alp Cyg	1.2460	10500.	83	12821	No
348	GOM_NL__2PRFIN20040812_185118_000000392029_00242_12821_2408.N1	12-AUG-2004 18:51:18	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	12821	No
349	GOM_NL__2PRFIN20040812_185427_000000412029_00242_12821_2409.N1	12-AUG-2004 18:54:27	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	12821	No
350	GOM_NL__2PRFIN20040812_185935_000000392029_00242_12821_2410.N1	12-AUG-2004 18:59:35	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	12821	No
351	GOM_NL__2PRFIN20040812_190118_000000392029_00242_12821_2411.N1	12-AUG-2004 19:01:18	Bright	38.500	49	1Alp UMi	1.9900	6300.0	77	12821	No
352	GOM_NL__2PRFIN20040812_190313_000000512029_00242_12821_2412.N1	12-AUG-2004 19:03:13	Bright	51.000	110	37Del Cas	2.6780	8900.0	102	12821	No
353	GOM_NL__2PRFIN20040812_191052_0000002552029_00242_12821_2413.N1	12-AUG-2004 19:10:52	Twilight_stray	255.00	53	43Bet And	2.0480	3300.0	510	12821	No
354	GOM_NL__2PRFIN20040812_191944_000000512029_00242_12821_2414.N1	12-AUG-2004 19:19:44	Twilight_stray	50.500	28	12Bet Tau	1.6500	15200.	101	12821	No
355	GOM_NL__2PRFIN20040812_192230_000000432029_00242_12821_2415.N1	12-AUG-2004 19:22:30	Twilight_stray	43.000	44	24Gam Gem	1.9280	11000.	86	12821	No
356	GOM_NL__2PRFIN20040812_192514_000000712029_00242_12821_2416.N1	12-AUG-2004 19:25:14	Dark	70.500	13	87Alp Tau	0.86700	3800.0	141	12821	No
357	GOM_NL__2PRFIN20040812_192702_000000532029_00242_12821_2417.N1	12-AUG-2004 19:27:02	Dark	52.500	27	24Gam Ori	1.6360	26000.	105	12821	No
358	GOM_NL__2PRFIN20040812_192858_000000512029_00242_12821_2418.N1	12-AUG-2004 19:28:58	Dark	51.000	30	46Eps Ori	1.6940	30000.	102	12821	No
359	GOM_NL__2PRFIN20040812_193135_000000512029_00242_12821_2419.N1	12-AUG-2004 19:31:35	Dark	51.000	1	9Alp CMa	-1.4400	11000.	102	12821	No
360	GOM_NL__2PRFIN20040812_193316_000000412029_00242_12821_2420.N1	12-AUG-2004 19:33:16	Dark	41.000	179	24Omi2CMa	3.0320	24000.	82	12821	No
361	GOM_NL__2PRFIN20040812_193444_000000432029_00242_12821_2421.N1	12-AUG-2004 19:34:44	Dark	42.500	23	21Eps CMa	1.5020	26000.	85	12821	No
362	GOM_NL__2PRFIN20040812_193647_000000422029_00242_12821_2422.N1	12-AUG-2004 19:36:47	Dark	42.000	117	Pi Pup	2.7060	3800.0	84	12821	No
363	GOM_NL__2PRFIN20040812_194132_000000522029_00242_12821_2423.N1	12-AUG-2004 19:41:32	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	12821	No
364	GOM_NL__2PRFIN20040812_194714_000000532029_00243_12822_2395.N1	12-AUG-2004 19:47:14	Dark	52.500	157	The1Eri	2.9060	9300.0	105	12822	No
365	GOM_NL__2PRFIN20040812_195141_000000542029_00243_12822_2396.N1	12-AUG-2004 19:51:41	Dark	54.000	9	Alp Eri	0.45300	24000.	108	12822	No
366	GOM_NL__2PRFIN20040812_195718_000000652029_00243_12822_2397.N1	12-AUG-2004 19:57:18	Straylight	65.000	84	Alp Phe	2.3970	4500.0	130	12822	No
367	GOM_NL__2PRFIN20040812_200024_000000402029_00243_12822_2398.N1	12-AUG-2004 20:00:24	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	12822	No
368	GOM_NL__2PRFIN20040812_200507_000000632029_00243_12822_2399.N1	12-AUG-2004 20:05:07	Twilight_stray	63.000	18	24Alp PsA	1.1660	9700.0	126	12822	No
369	GOM_NL__2PRFIN20040812_201101_000000482029_00243_12822_2400.N1	12-AUG-2004 20:11:01	Bright	48.000	142	49Del Cap	2.8500	8900.0	96	12822	No
370	GOM_NL__2PRFIN20040812_201436_000000462029_00243_12822_2401.N1	12-AUG-2004 20:14:36	Bright	45.500	154	22Bet Aqr	2.8990	5700.0	91	12822	No
371	GOM_NL__2PRFIN20040812_201648_000000532029_00243_12822_2402.N1	12-AUG-2004 20:16:48	Bright	53.000	162	34Alp Aqr	2.9440	5350.0	106	12822	No
372	GOM_NL__2PRFIN20040812_201856_000000382029_00243_12822_2403.N1	12-AUG-2004 20:18:56	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	12822	No
373	GOM_NL__2PRFIN20040812_202042_000000382029_00243_12822_2404.N1	12-AUG-2004 20:20:42	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	12822	No
374	GOM_NL__2PRFIN20040812_202627_000000392029_00243_12822_2405.N1	12-AUG-2004 20:26:27	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	12822	No
375	GOM_NL__2PRFIN20040812_202759_000000402029_00243_12822_2406.N1	12-AUG-2004 20:27:59	Bright	40.000	66	37Gam Cyg	2.2080	5900.0	80	12822	No
376	GOM_NL__2PRFIN20040812_202939_000000422029_00243_12822_2407.N1	12-AUG-2004 20:29:39	Bright	42.000	19	50Alp Cyg	1.2460	10500.	84	12822	No
377	GOM_NL__2PRFIN20040812_203154_000000402029_00243_12822_2408.N1	12-AUG-2004 20:31:54	Bright	40.000	69	33Gam Dra	2.2310	3800.0	80	12822	No
378	GOM_NL__2PRFIN20040812_203503_000000432029_00243_12822_2409.N1	12-AUG-2004 20:35:03	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	12822	No
379	GOM_NL__2PRFIN20040812_204011_000000392029_00243_12822_2410.N1	12-AUG-2004 20:40:11	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	12822	No
380	GOM_NL__2PRFIN20040812_204153_000000372029_00243_12822_2411.N1	12-AUG-2004 20:41:53	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	12822	No
381	GOM_NL__2PRFIN20040812_204348_000000512029_00243_12822_2412.N1	12-AUG-2004 20:43:48	Bright	50.500	110	37Del Cas	2.6780	8900.0	101	12822	No
382	GOM_NL__2PRFIN20040812_205125_0000002552029_00243_12822_2413.N1	12-AUG-2004 20:51:25	Twilight_stray	255.00	53	43Bet And	2.0480	3300.0	510	12822	No
383	GOM_NL__2PRFIN20040812_210020_000000512029_00243_12822_2414.N1	12-AUG-2004 21:00:20	Twilight_stray	50.500	28	12Bet Tau	1.6500	15200.	101	12822	No
384	GOM_NL__2PRFIN20040812_210306_000000442029_00243_12822_2415.N1	12-AUG-2004 21:03:06	Twilight_stray	43.500	44	24Gam Gem	1.9280	11000.	87	12822	No
385	GOM_NL__2PRFIN20040812_210549_000000792029_00243_12822_2416.N1	12-AUG-2004 21:05:49	Dark	79.000	13	87Alp Tau	0.86700	3800.0	158	12822	No
386	GOM_NL__2PRFIN20040812_210738_000000512029_00243_12822_2417.N1	12-AUG-2004 21:07:38	Dark	51.000	27	24Gam Ori	1.6360	26000.	102	12822	No
387	GOM_NL__2PRFIN20040812_210934_000000502029_00243_12822_2418.N1	12-AUG-2004 21:09:34	Dark	49.500	30	46Eps Ori	1.6940	30000.	99	12822	No
388	GOM_NL__2PRFIN20040812_211212_000000452029_00243_12822_2419.N1	12-AUG-2004 21:12:12	Dark	44.500	1	9Alp CMa	-1.4400	11000.	89	12822	No
389	GOM_NL__2PRFIN20040812_211352_000000412029_00243_12822_2420.N1	12-AUG-2004 21:13:52	Dark	40.500	179	24Omi2CMa	3.0320	24000.	81	12822	No
390	GOM_NL__2PRFIN20040812_211519_000000422029_00243_12822_2421.N1	12-AUG-2004 21:15:19	Dark	42.000	23	21Eps CMa	1.5020	26000.	84	12822	No
391	GOM_NL__2PRFIN20040812_211723_000000482029_00243_12822_2422.N1	12-AUG-2004 21:17:23	Dark	48.000	117	Pi Pup	2.7060	3800.0	96	12822	No
392	GOM_NL__2PRFIN20040812_212208_000000452029_00243_12822_2423.N1	12-AUG-2004 21:22:08	Dark	45.000	2	Alp Car	-0.73600	7000.0	90	12822	No
393	GOM_NL__2PRFIN20040812_212751_000000532029_00244_12823_2395.N1	12-AUG-2004 21:27:51	Dark	53.000	157	The1Eri	2.9060	9300.0	106	12823	No
394	GOM_NL__2PRFIN20040812_213218_000000482029_00244_12823_2396.N1	12-AUG-2004 21:32:18	Dark	47.500	9	Alp Eri	0.45300	24000.	95	12823	No
395	GOM_NL__2PRFIN20040812_213754_000000652029_00244_12823_2397.N1	12-AUG-2004 21:37:54	Straylight	65.000	84	Alp Phe	2.3970	4500.0	130	12823	No
396	GOM_NL__2PRFIN20040812_214059_000000412029_00244_12823_2398.N1	12-AUG-2004 21:40:59	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	12823	No

397	GOM_NL__2PRFIN20040812_214540_000000642029_00244_12823_2399.N1	12-AUG-2004 21:45:40	Twilight	63.500	18	24Alp PsA	1.1660	9700.0	127	12823	No
398	GOM_NL__2PRFIN20040812_215137_000000482029_00244_12823_2400.N1	12-AUG-2004 21:51:37	Bright	48.000	142	49Del Cap	2.8500	8900.0	96	12823	No
399	GOM_NL__2PRFIN20040812_215511_000000462029_00244_12823_2401.N1	12-AUG-2004 21:55:11	Bright	45.500	154	22Bet Aqr	2.8990	5700.0	91	12823	No
400	GOM_NL__2PRFIN20040812_215724_000000522029_00244_12823_2402.N1	12-AUG-2004 21:57:24	Bright	51.500	162	34Alp Aqr	2.9440	5350.0	103	12823	No
401	GOM_NL__2PRFIN20040812_215931_000000372029_00244_12823_2403.N1	12-AUG-2004 21:59:31	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	12823	No
402	GOM_NL__2PRFIN20040812_220702_000000432029_00244_12823_2404.N1	12-AUG-2004 22:07:02	Bright	43.000	92	53Eps Cyg	2.5000	4500.0	86	12823	No
403	GOM_NL__2PRFIN20040812_220834_000000412029_00244_12823_2405.N1	12-AUG-2004 22:08:34	Bright	40.500	66	37Gam Cyg	2.2080	5900.0	81	12823	No
404	GOM_NL__2PRFIN20040812_221015_000000412029_00244_12823_2406.N1	12-AUG-2004 22:10:15	Bright	40.500	19	50Alp Cyg	1.2460	10500.	81	12823	No
405	GOM_NL__2PRFIN20040812_221230_000000362029_00244_12823_2407.N1	12-AUG-2004 22:12:30	Bright	36.000	69	33Gam Dra	2.2310	3800.0	72	12823	No
406	GOM_NL__2PRFIN20040812_221538_000000422029_00244_12823_2408.N1	12-AUG-2004 22:15:38	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	12823	No
407	GOM_NL__2PRFIN20040812_222047_000000352029_00244_12823_2409.N1	12-AUG-2004 22:20:47	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	12823	No
408	GOM_NL__2PRFIN20040812_222229_000000372029_00244_12823_2410.N1	12-AUG-2004 22:22:29	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	12823	No
409	GOM_NL__2PRFIN20040812_222423_000000502029_00244_12823_2411.N1	12-AUG-2004 22:24:23	Bright	49.500	110	37Del Cas	2.6780	8900.0	99	12823	No
410	GOM_NL__2PRFIN20040812_223158_000002552029_00244_12823_2412.N1	12-AUG-2004 22:31:58	Twilight	255.00	53	43Bet And	2.0480	3300.0	510	12823	No
411	GOM_NL__2PRFIN20040812_224056_000000522029_00244_12823_2413.N1	12-AUG-2004 22:40:56	Twilight	52.000	28	12Bet Tau	1.6500	15200.	104	12823	No
412	GOM_NL__2PRFIN20040812_224342_000000422029_00244_12823_2414.N1	12-AUG-2004 22:43:42	Twilight	41.500	44	24Gam Gem	1.9280	11000.	83	12823	No
413	GOM_NL__2PRFIN20040812_224627_000000792029_00244_12823_2415.N1	12-AUG-2004 22:46:27	Dark	79.000	13	87Alp Tau	0.86700	3800.0	158	12823	No
414	GOM_NL__2PRFIN20040812_224814_000000532029_00244_12823_2416.N1	12-AUG-2004 22:48:14	Dark	53.000	27	24Gam Ori	1.6360	26000.	106	12823	No
415	GOM_NL__2PRFIN20040812_225011_000000522029_00244_12823_2417.N1	12-AUG-2004 22:50:11	Dark	51.500	30	46Eps Ori	1.6940	30000.	103	12823	No
416	GOM_NL__2PRFIN20040812_225247_000000492029_00244_12823_2418.N1	12-AUG-2004 22:52:47	Dark	48.500	1	9Alp CMa	-1.4400	11000.	97	12823	No
417	GOM_NL__2PRFIN20040812_225427_000000402029_00244_12823_2419.N1	12-AUG-2004 22:54:27	Dark	40.000	179	24Omi2CMa	3.0320	24000.	80	12823	No
418	GOM_NL__2PRFIN20040812_225555_000000432029_00244_12823_2420.N1	12-AUG-2004 22:55:55	Dark	43.000	23	21Eps CMa	1.5020	26000.	86	12823	No
419	GOM_NL__2PRFIN20040812_225759_000000462029_00244_12823_2421.N1	12-AUG-2004 22:57:59	Dark	45.500	117	Pi Pup	2.7060	3800.0	91	12823	No
420	GOM_NL__2PRFIN20040812_230242_000000522029_00244_12823_2422.N1	12-AUG-2004 23:02:42	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	12823	No
421	GOM_NL__2PRFIN20040812_230828_000000542029_00245_12824_2409.N1	12-AUG-2004 23:08:28	Dark	53.500	157	The1Eri	2.9060	9300.0	107	12824	No
422	GOM_NL__2PRFIN20040812_231253_000000572029_00245_12824_2410.N1	12-AUG-2004 23:12:53	Dark	57.000	9	Alp Eri	0.45300	24000.	114	12824	No
423	GOM_NL__2PRFIN20040812_231830_000000672029_00245_12824_2411.N1	12-AUG-2004 23:18:30	Straylight	66.500	84	Alp Phe	2.3970	4500.0	133	12824	No
424	GOM_NL__2PRFIN20040812_232136_000000382029_00245_12824_2412.N1	12-AUG-2004 23:21:36	Straylight	38.000	45	Alp Pav	1.9400	26000.	76	12824	No
425	GOM_NL__2PRFIN20040812_232620_000000582029_00245_12824_2413.N1	12-AUG-2004 23:26:20	Twilight	57.500	18	24Alp PsA	1.1660	9700.0	115	12824	No
426	GOM_NL__2PRFIN20040812_233213_000000462029_00245_12824_2414.N1	12-AUG-2004 23:32:13	Bright	46.000	142	49Del Cap	2.8500	8900.0	92	12824	No
427	GOM_NL__2PRFIN20040812_233548_000000462029_00245_12824_2415.N1	12-AUG-2004 23:35:48	Bright	45.500	154	22Bet Aqr	2.8990	5700.0	91	12824	No
428	GOM_NL__2PRFIN20040812_233800_000000522029_00245_12824_2416.N1	12-AUG-2004 23:38:00	Bright	52.000	162	34Alp Aqr	2.9440	5350.0	104	12824	No
429	GOM_NL__2PRFIN20040812_234006_000000392029_00245_12824_2417.N1	12-AUG-2004 23:40:06	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	12824	No
430	GOM_NL__2PRFIN20040812_234152_000000402029_00245_12824_2418.N1	12-AUG-2004 23:41:52	Bright	40.000	168	17Zet Aql	2.9860	11000.	80	12824	No
431	GOM_NL__2PRFIN20040812_234737_000000412029_00245_12824_2419.N1	12-AUG-2004 23:47:37	Bright	40.500	92	53Eps Cyg	2.5000	4500.0	81	12824	No
432	GOM_NL__2PRFIN20040812_234909_000000382029_00245_12824_2420.N1	12-AUG-2004 23:49:09	Bright	38.000	66	37Gam Cyg	2.2080	5900.0	76	12824	No
433	GOM_NL__2PRFIN20040812_235050_000000412029_00245_12824_2421.N1	12-AUG-2004 23:50:50	Bright	41.000	19	50Alp Cyg	1.2460	10500.	82	12824	No
434	GOM_NL__2PRFIN20040812_235306_000000402029_00245_12824_2422.N1	12-AUG-2004 23:53:06	Bright	40.000	69	33Gam Dra	2.2310	3800.0	80	12824	No
435	GOM_NL__2PRFIN20040812_235611_000000402029_00245_12824_2423.N1	12-AUG-2004 23:56:11	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	12824	No

### 3. Quality information per product

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

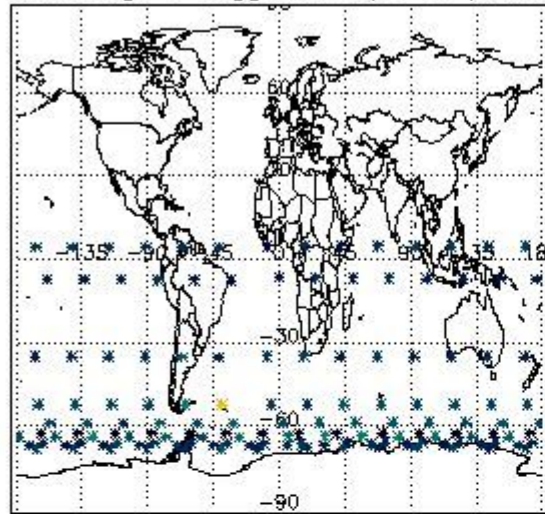
#### 3.1 Plot quality information per product (time dependant)



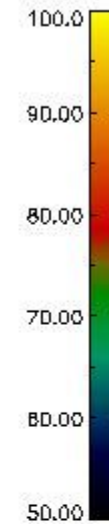
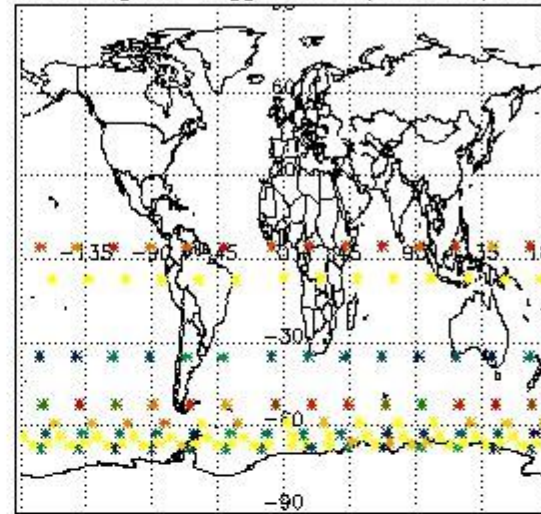
*3.2 Plot quality information per product (world map)*



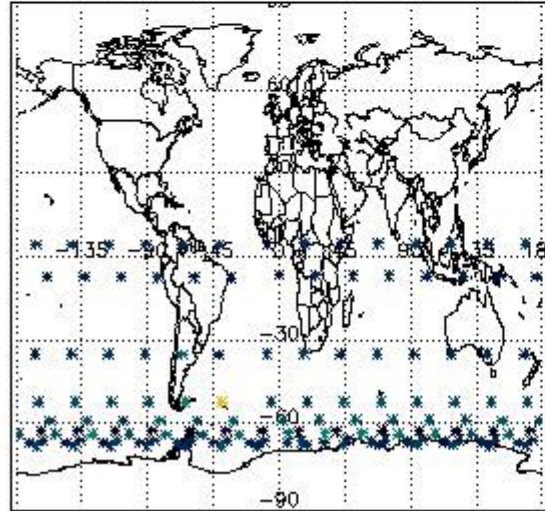
Percentage of flagged data per O3 profile



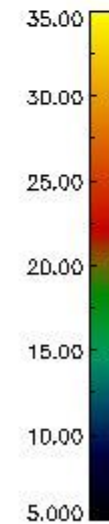
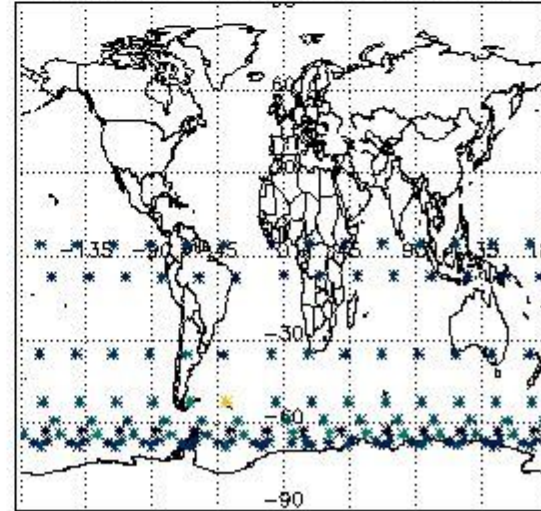
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

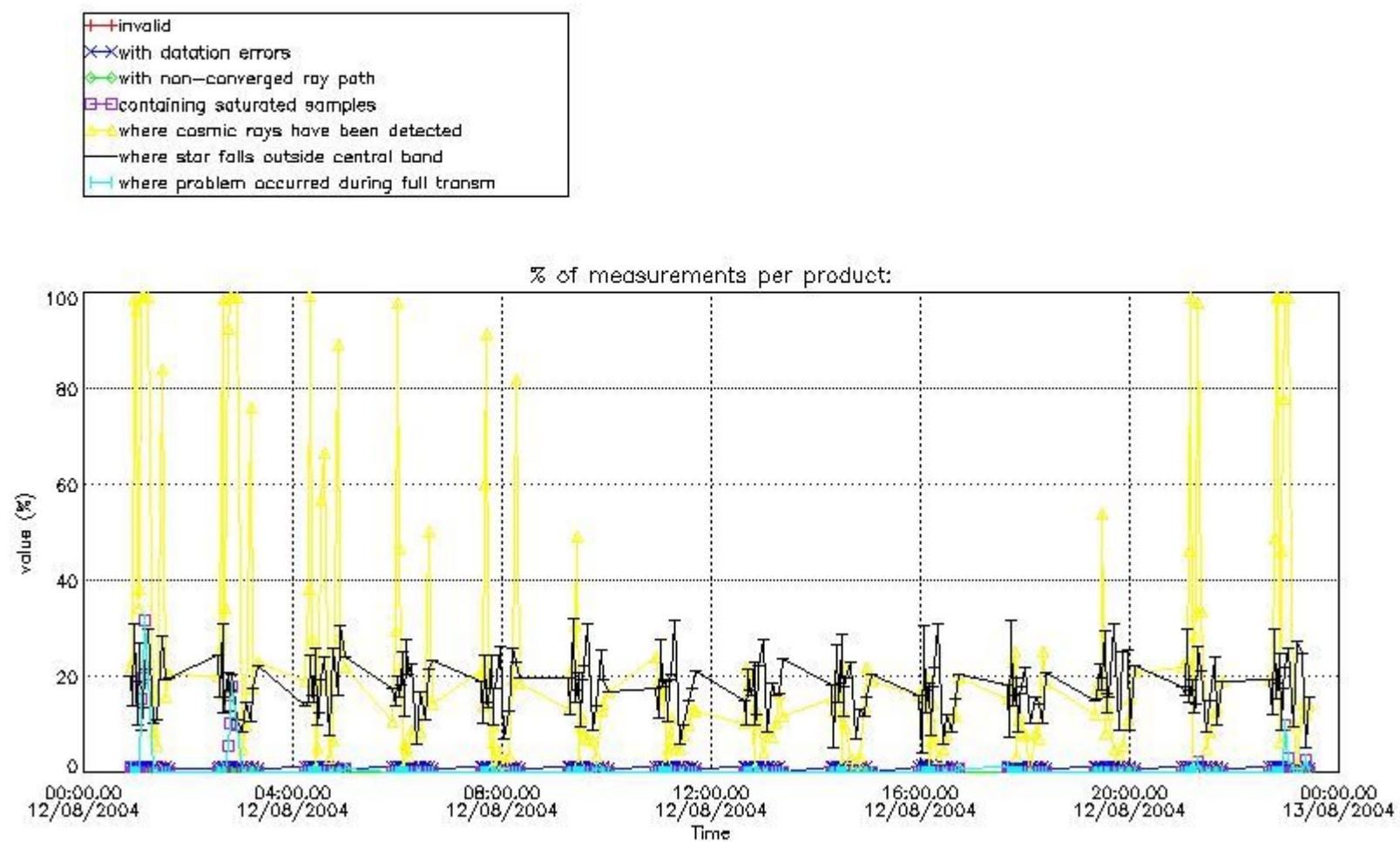


#### 4. Level 1 quality information per product

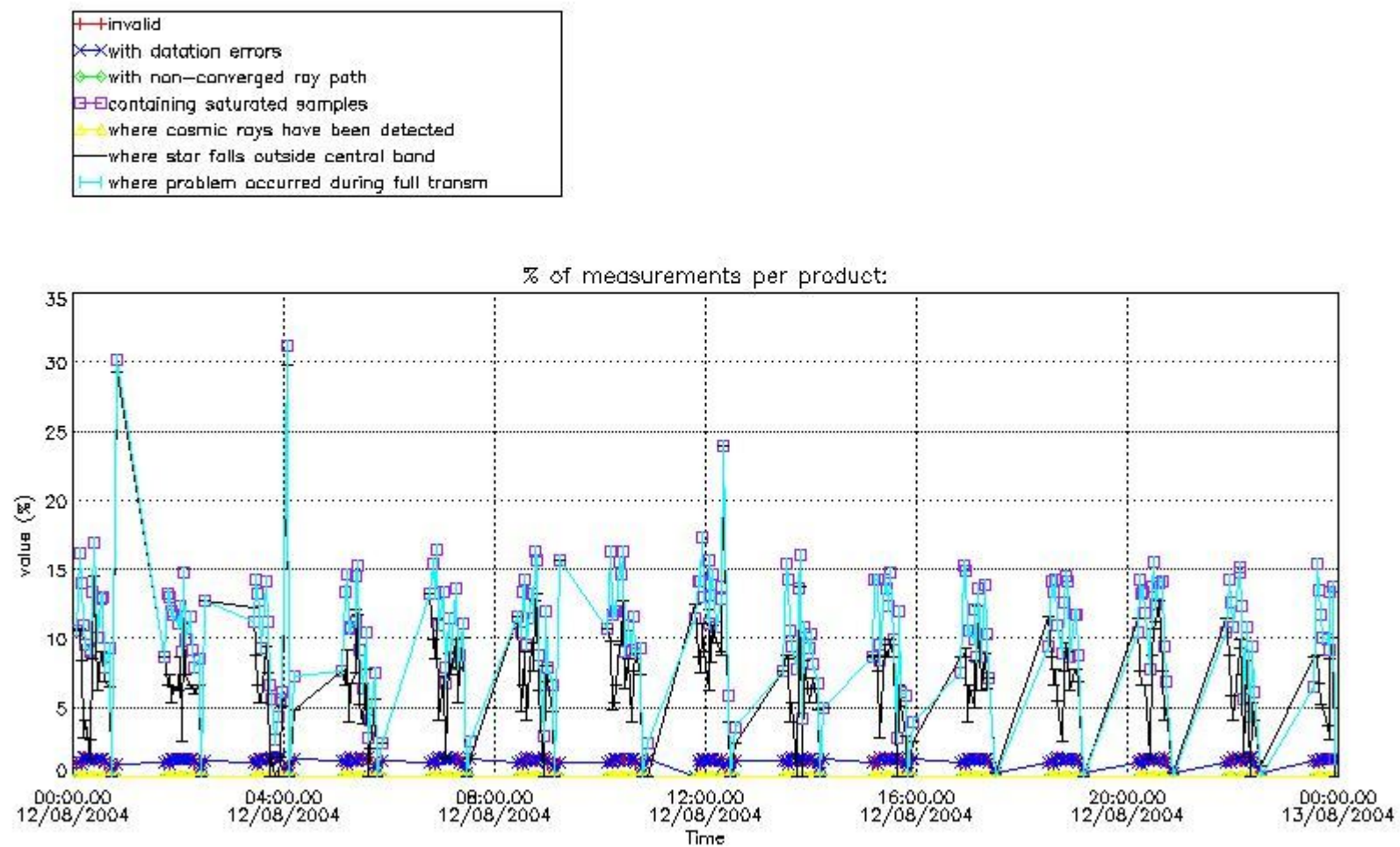
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



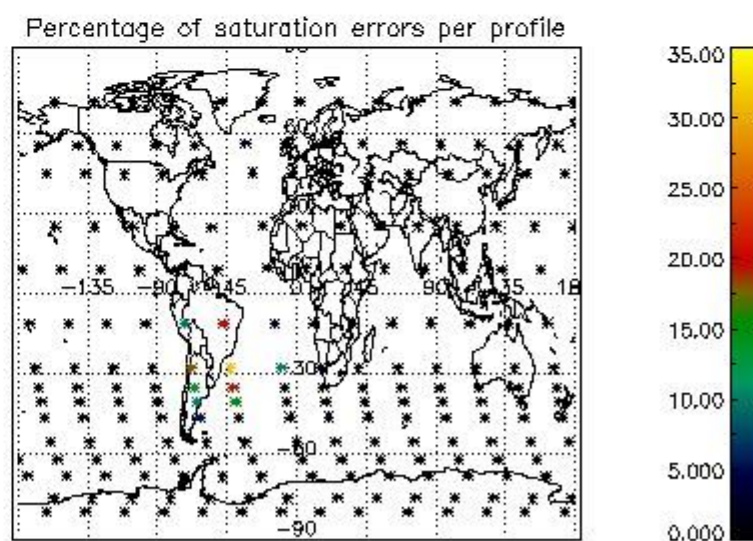
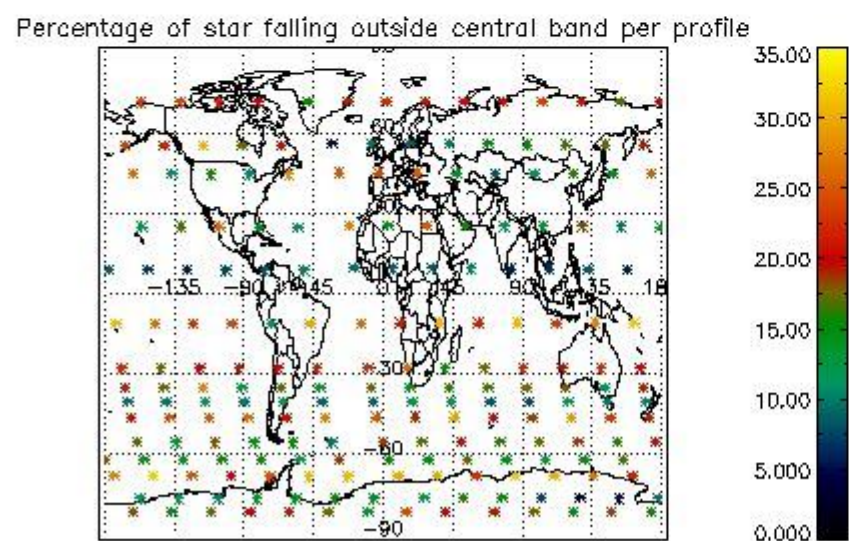
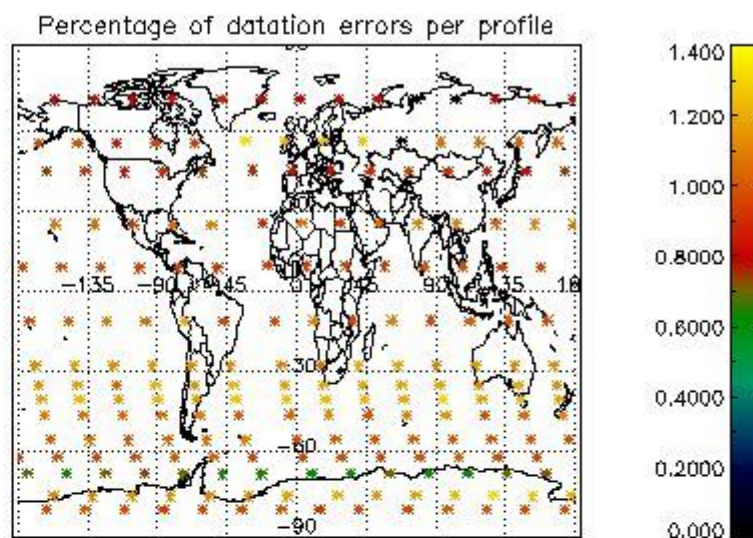
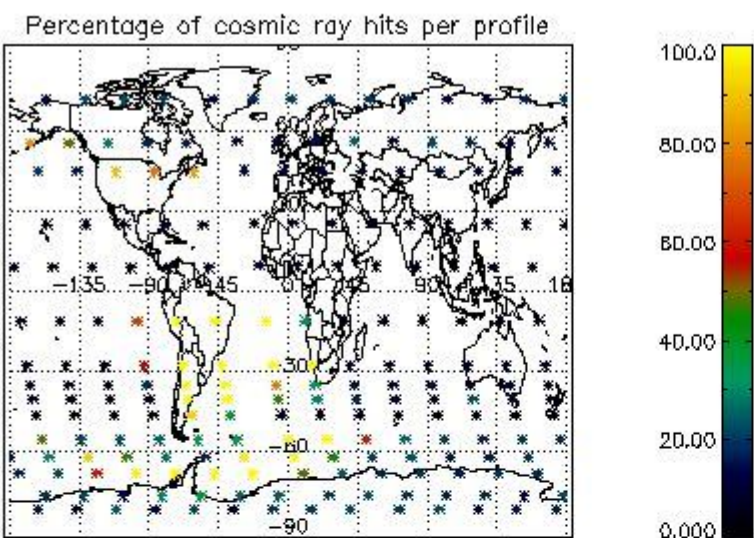
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



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

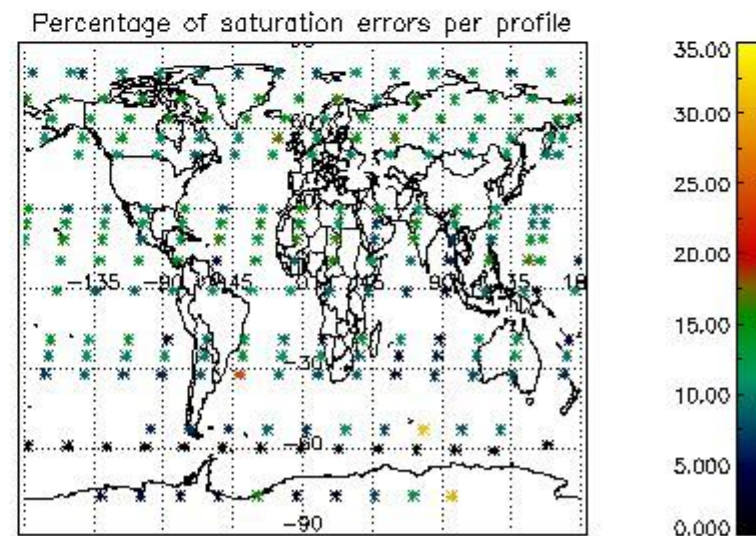
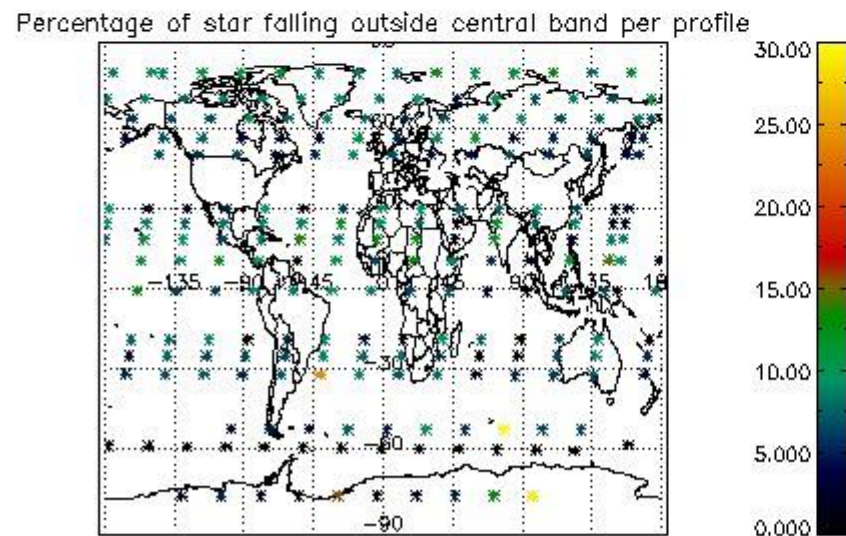
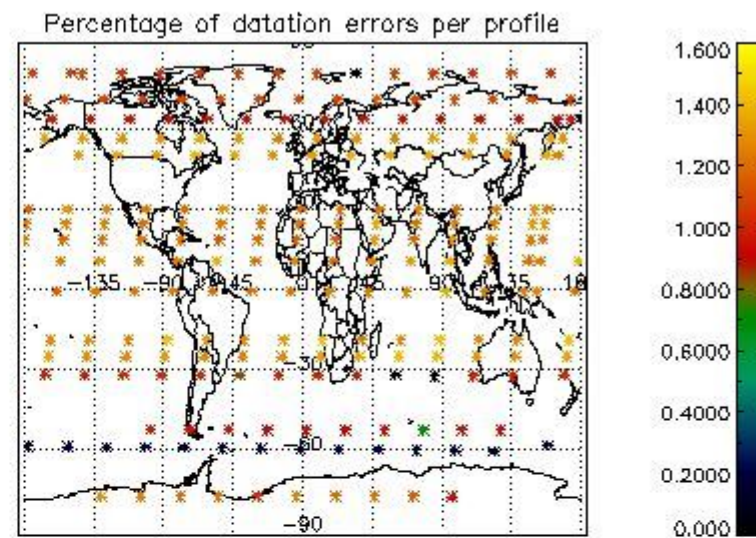
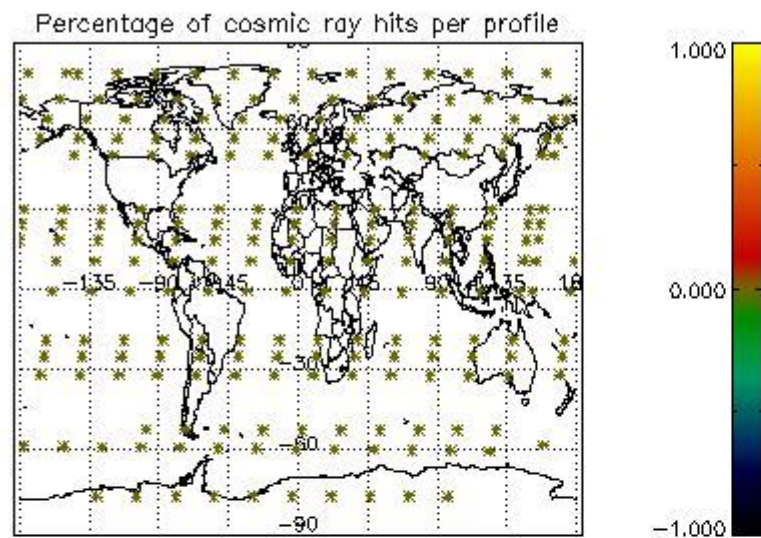
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes





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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/o3\_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM\_NL\_\_2P/NL\_SUMMARY\_QUALITY/obs\_ill\_cond=0
- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

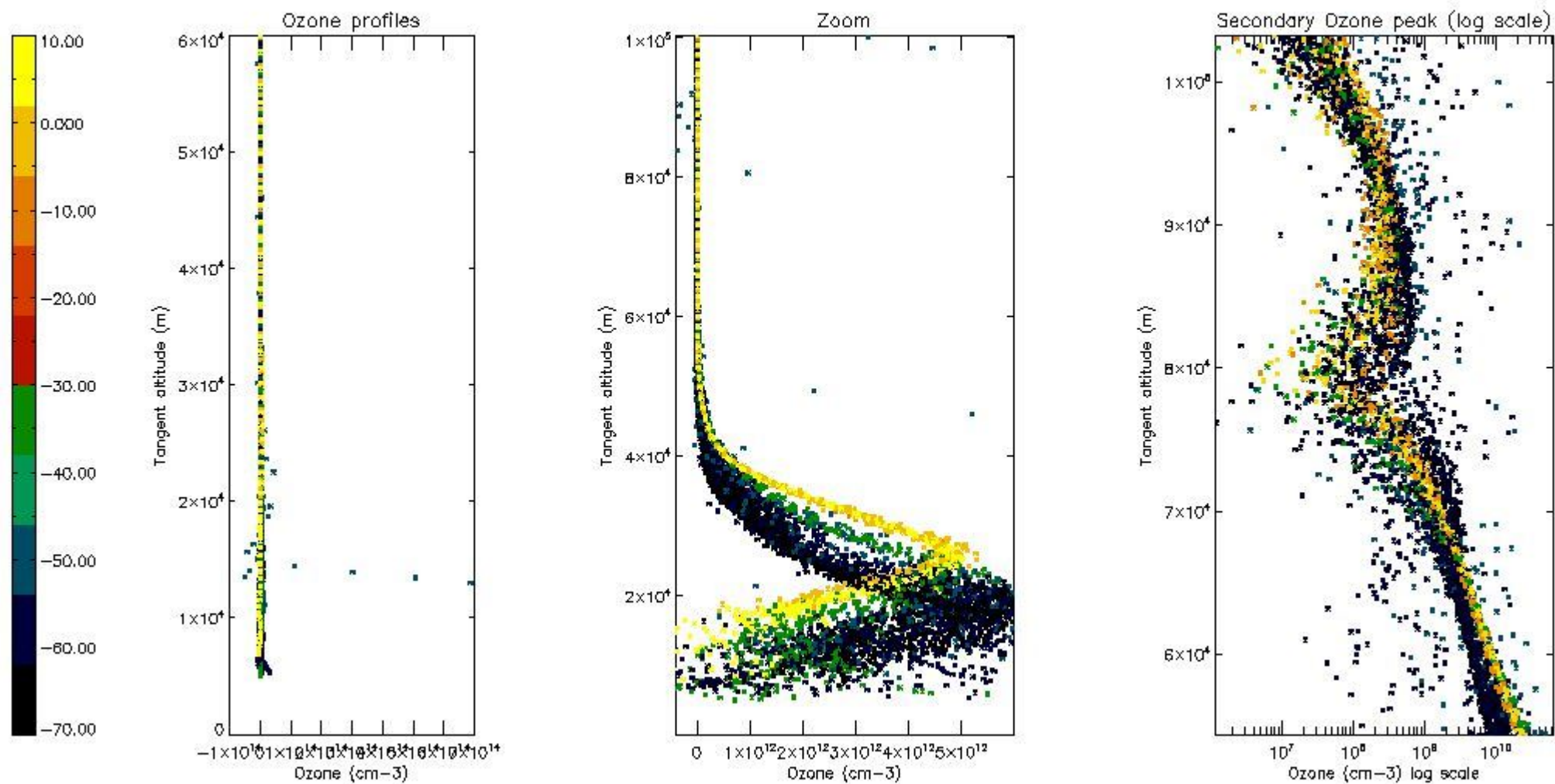
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	30
STD < 20	18

STD < 10	16
STD < 5	12

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

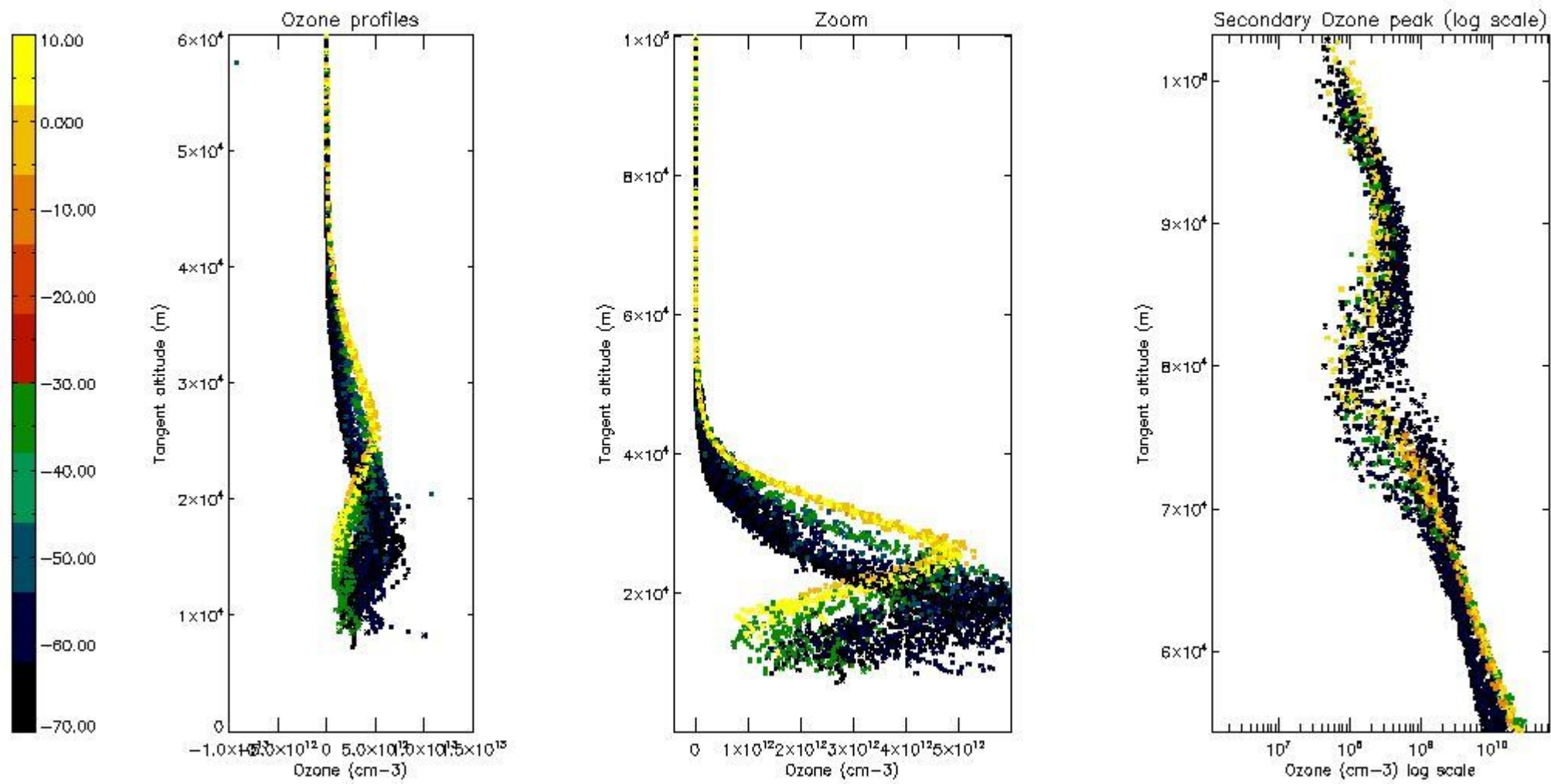
The colorbar represents the latitude.



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

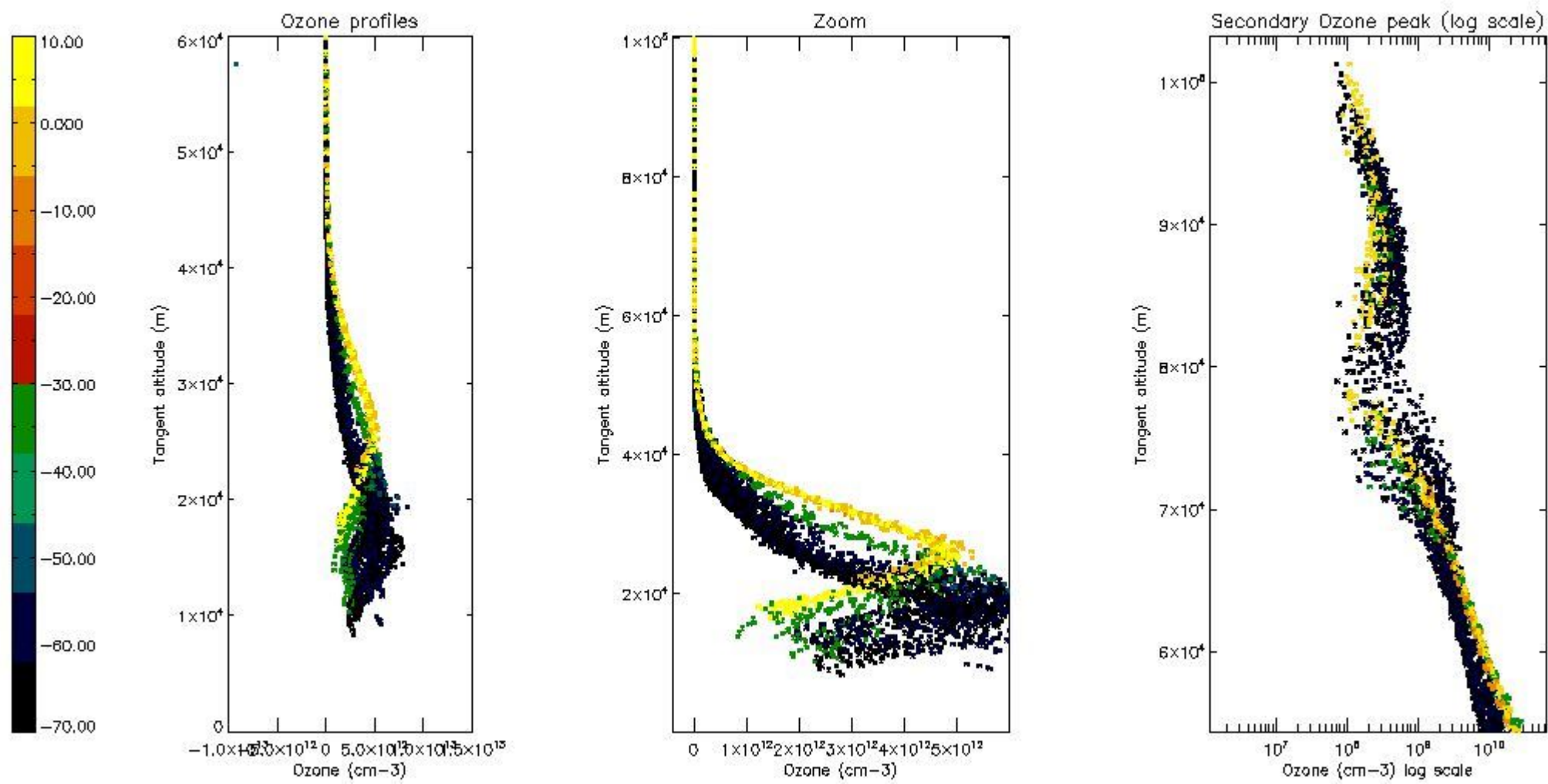
The colorbar represents the latitude.





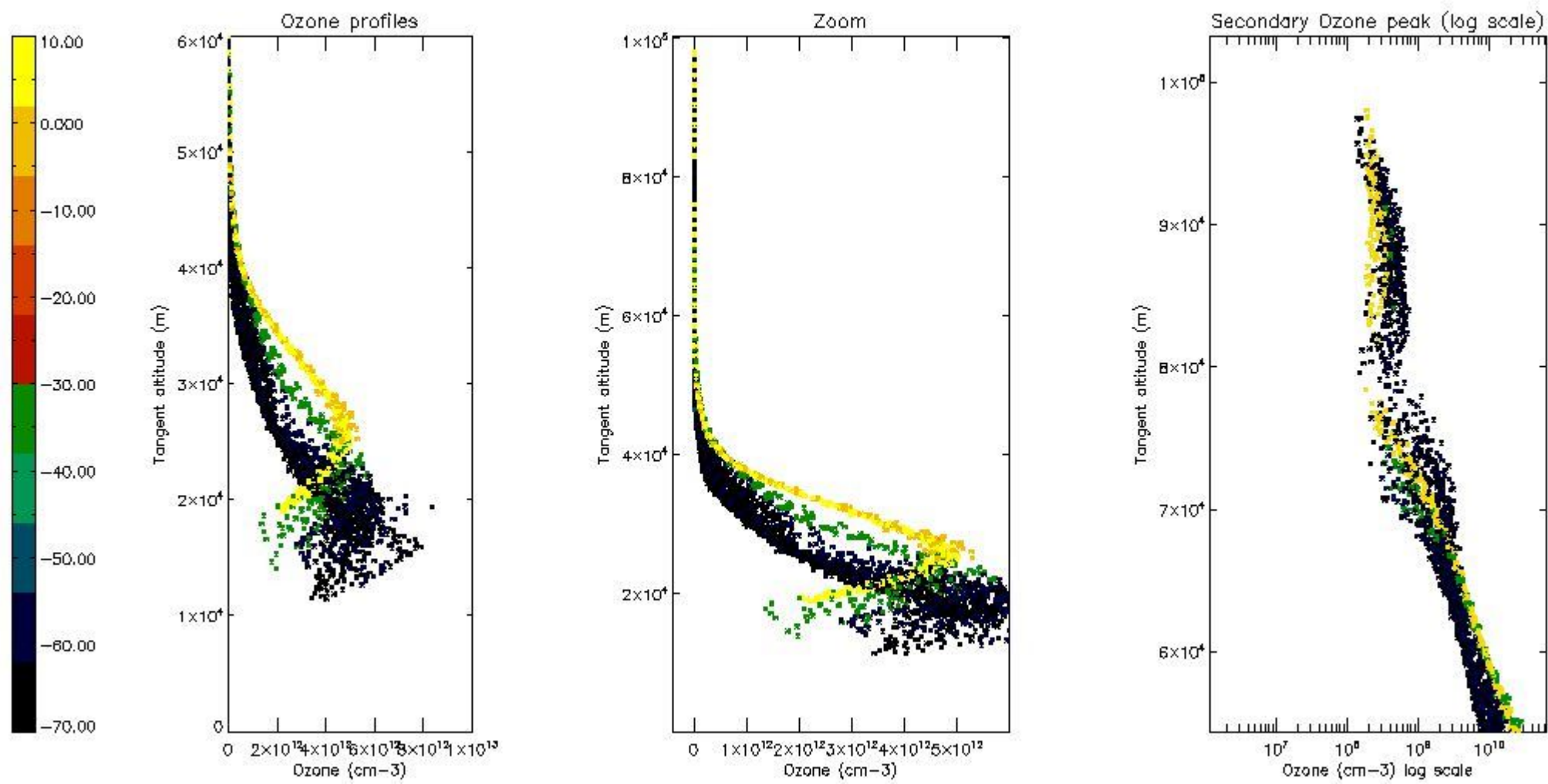
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



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

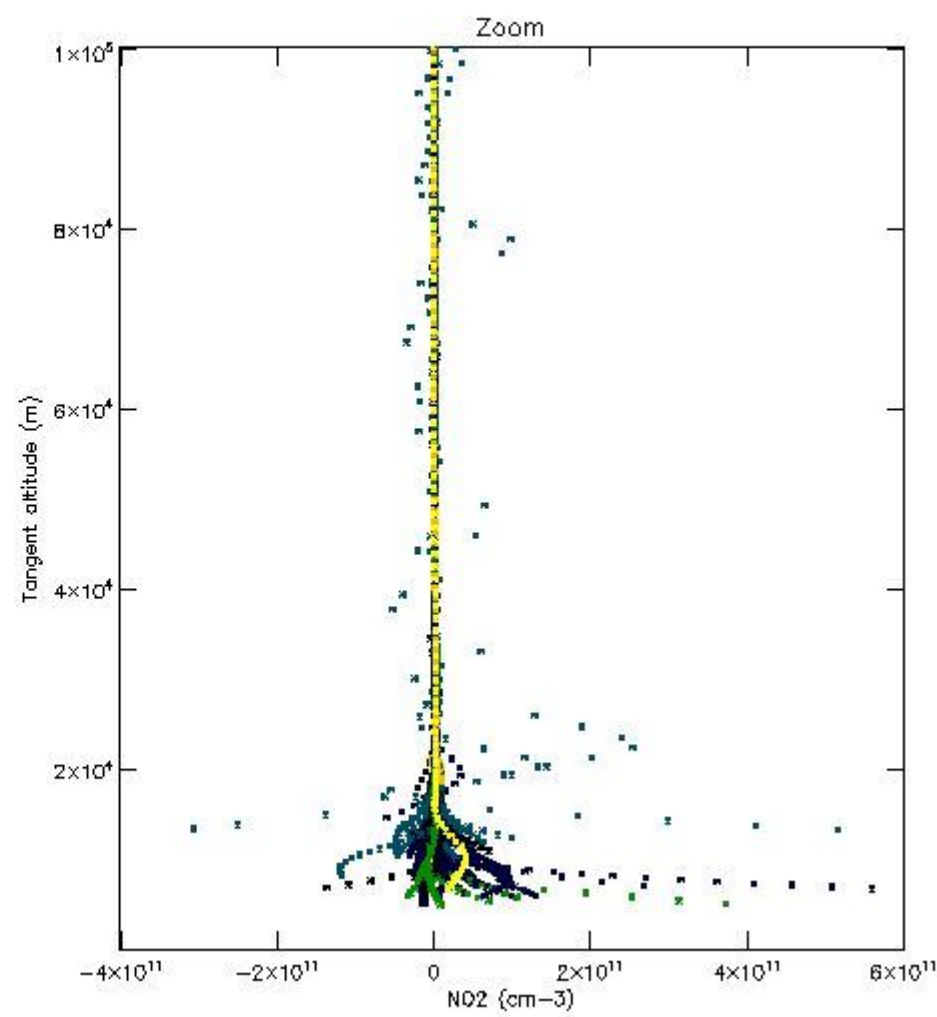
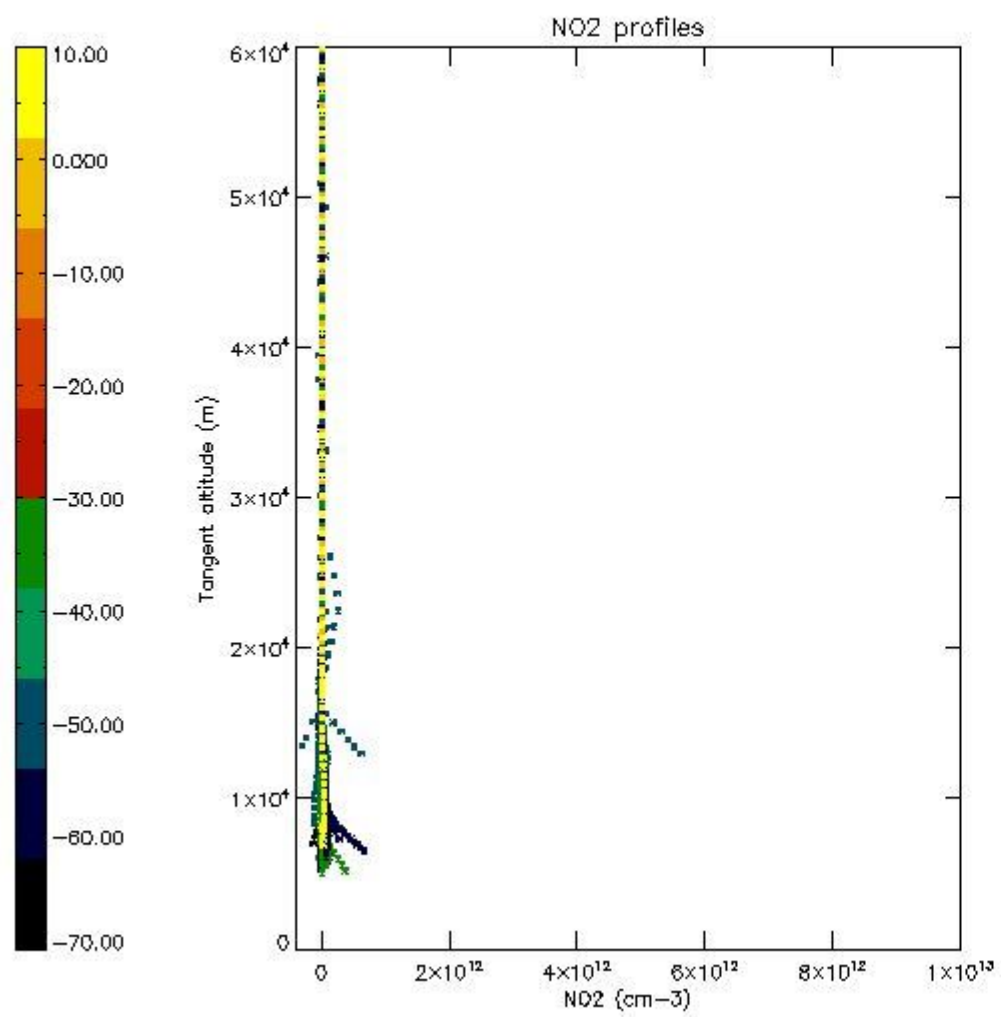
The colorbar represents the latitude.



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

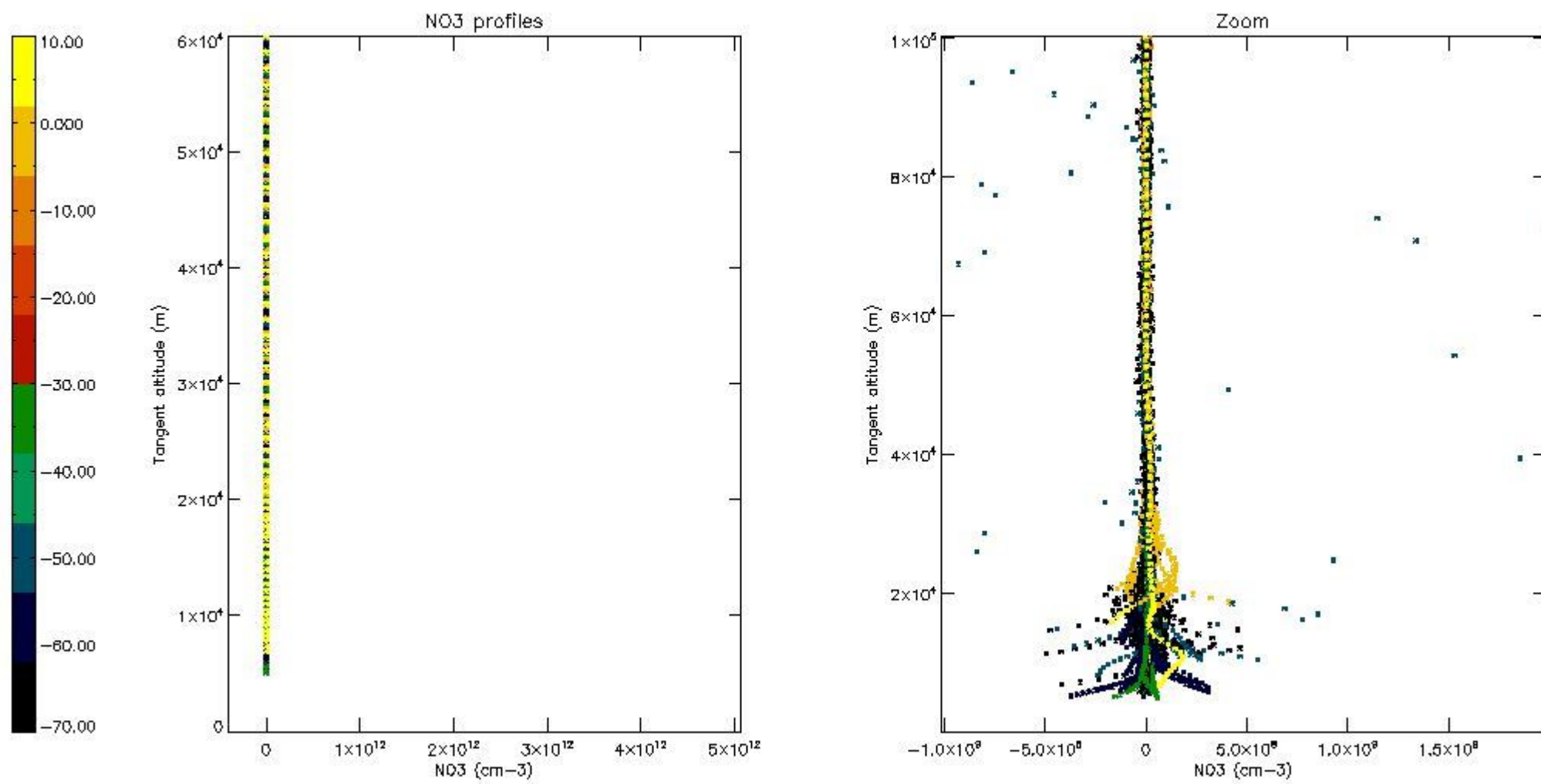
The colorbar represents the latitude.





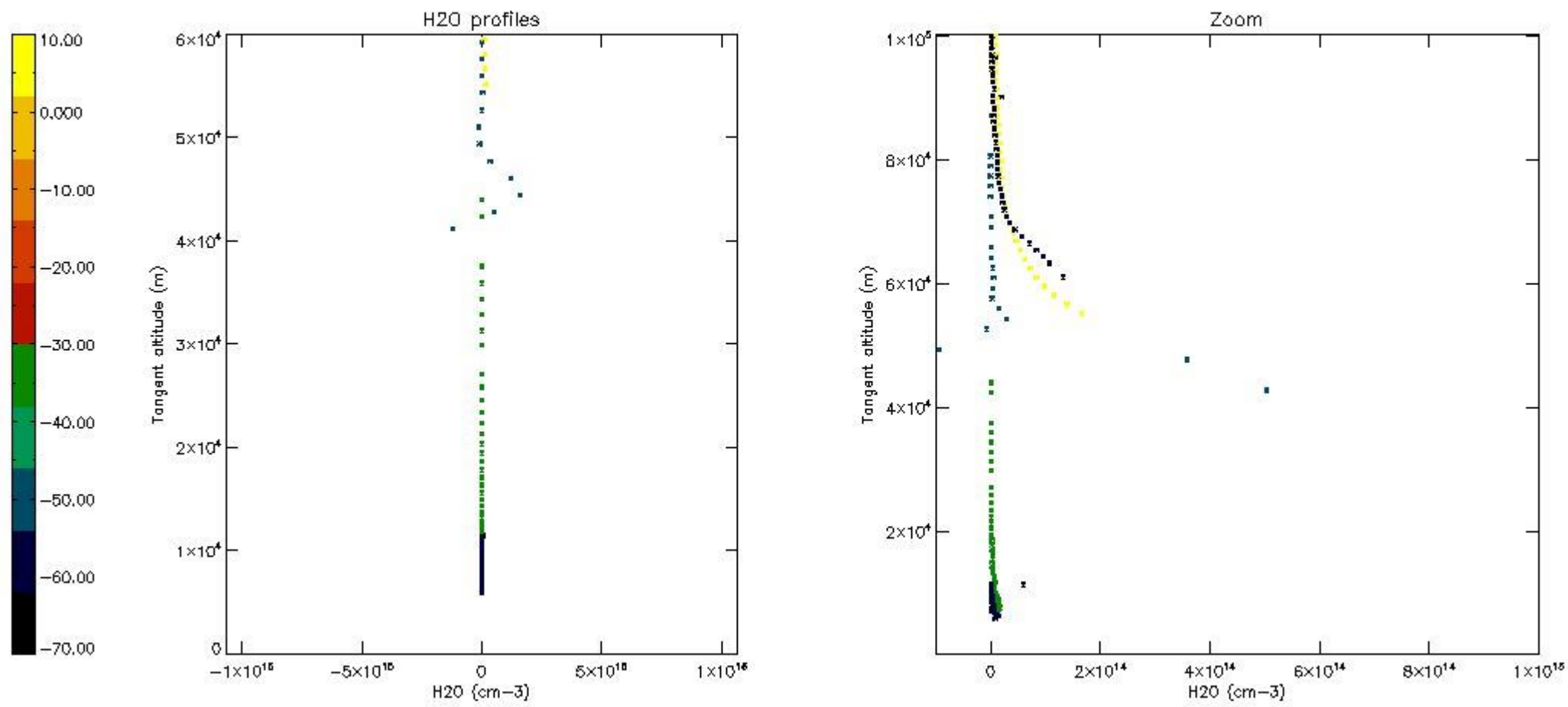
*5.7 Plot NO3 profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

The colorbar represents the latitude.

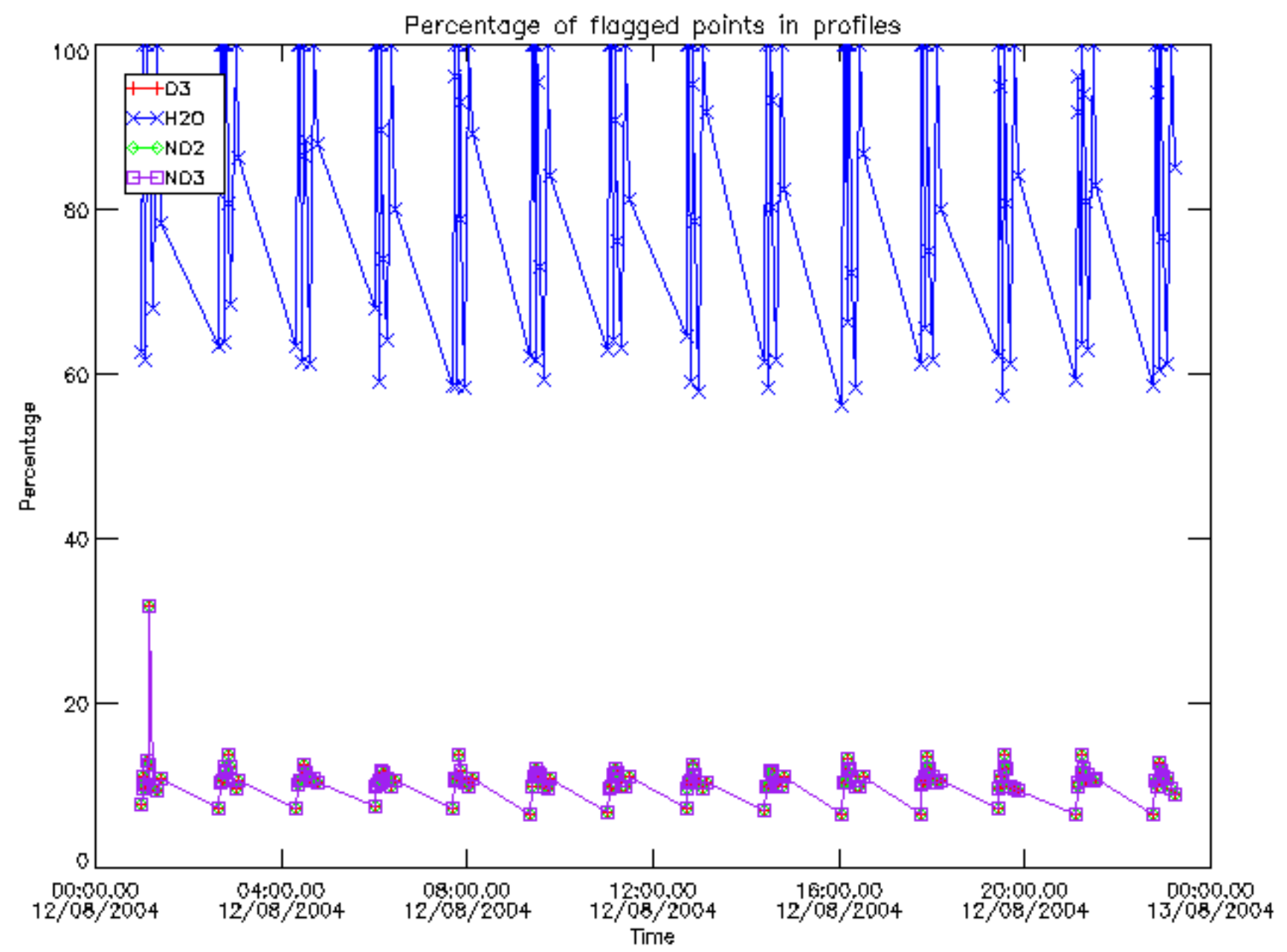


## 6. Auxiliary Data Files used for the production reported in section 2

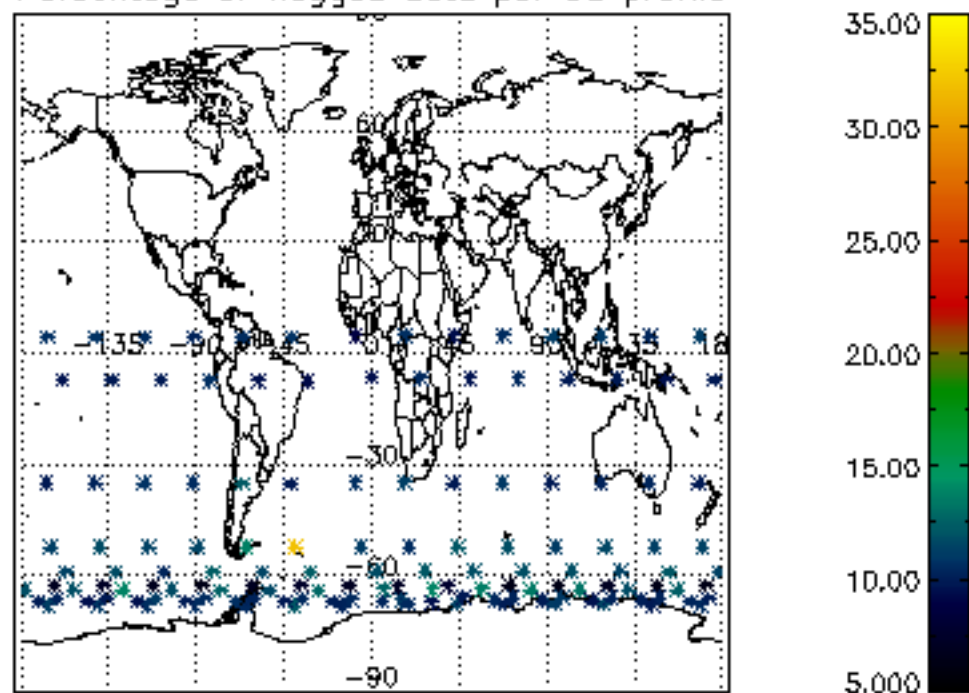
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	12-AUG-2004 00:03:49
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	12-AUG-2004 00:03:49
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	12-AUG-2004 00:03:49

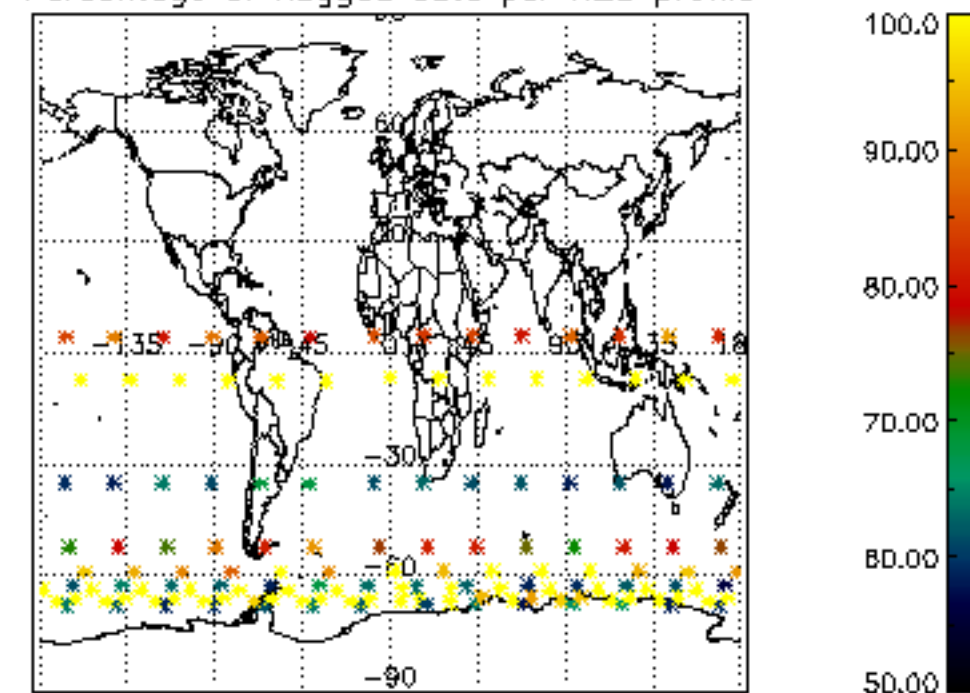




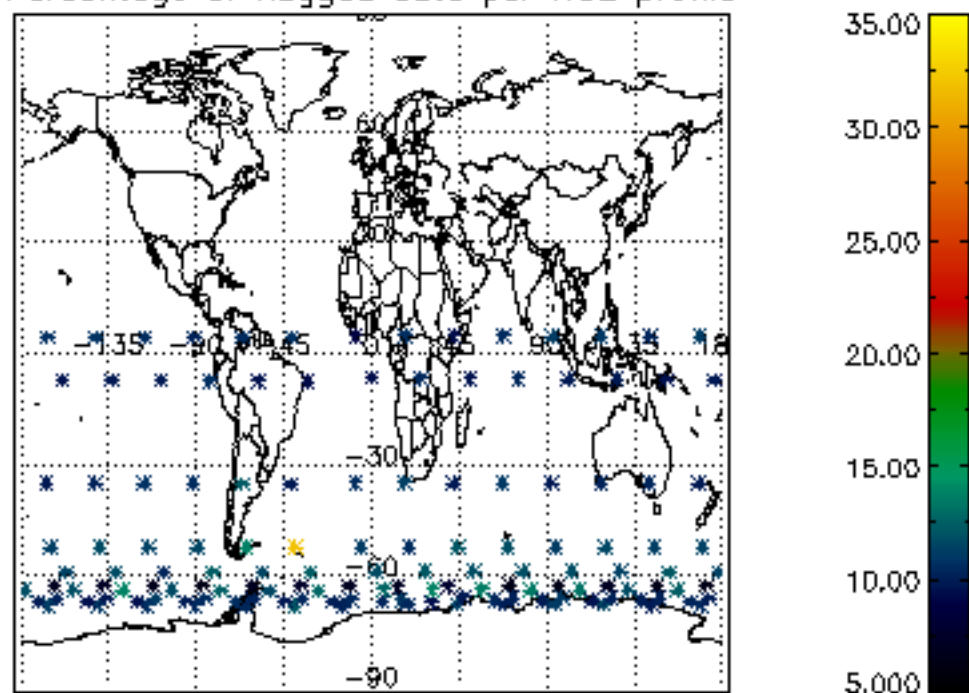
Percentage of flagged data per D3 profile



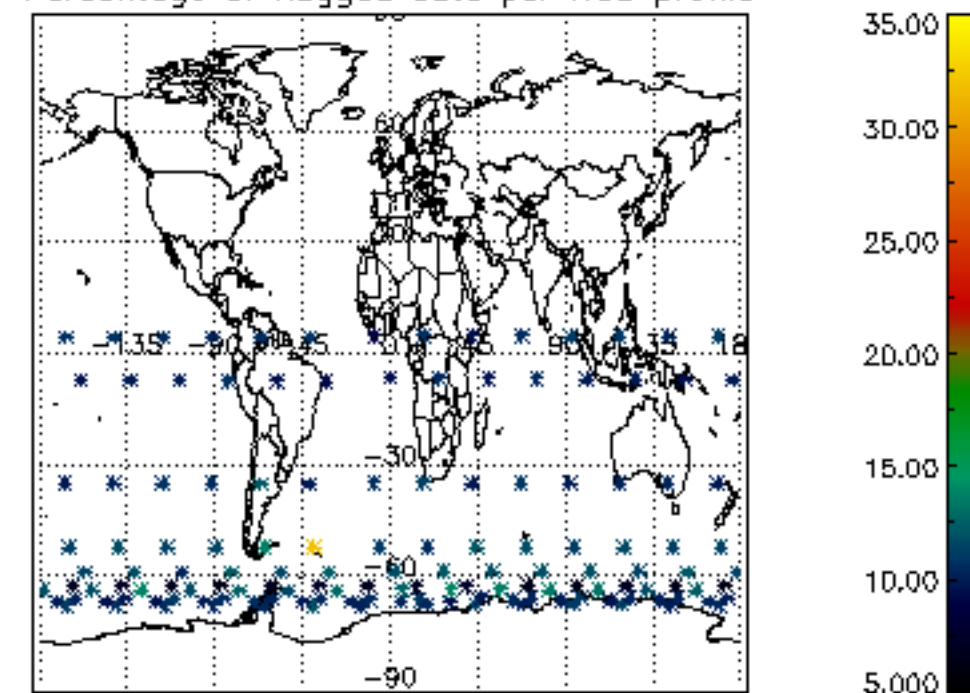
Percentage of flagged data per H2O profile

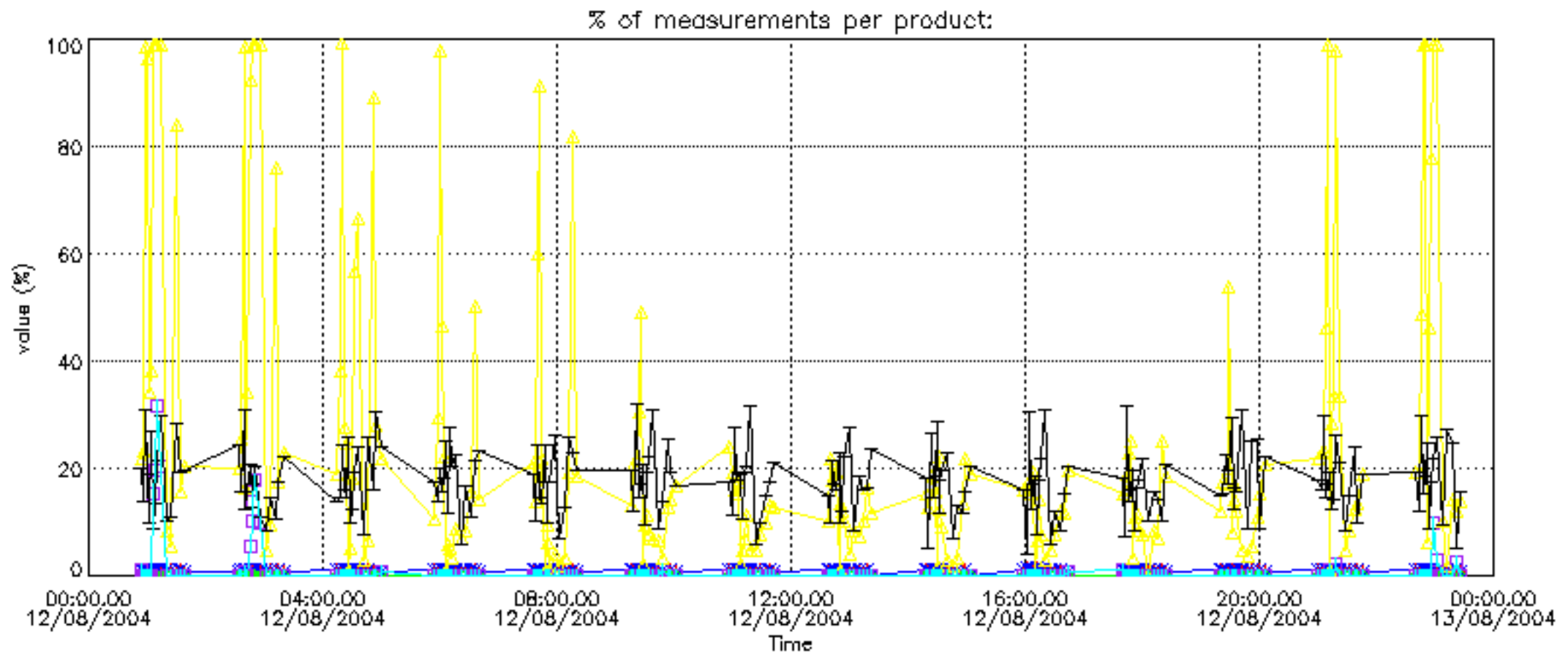


Percentage of flagged data per NO2 profile

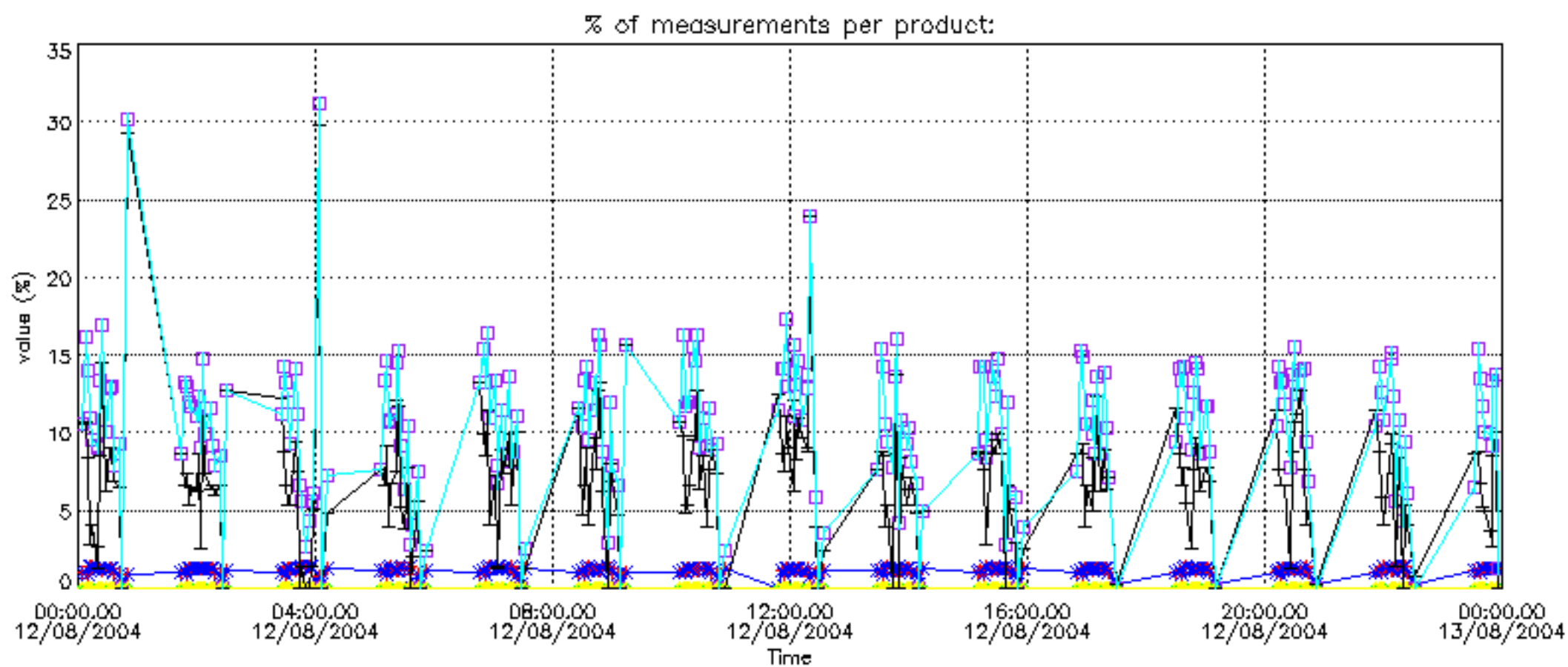


Percentage of flagged data per NO3 profile

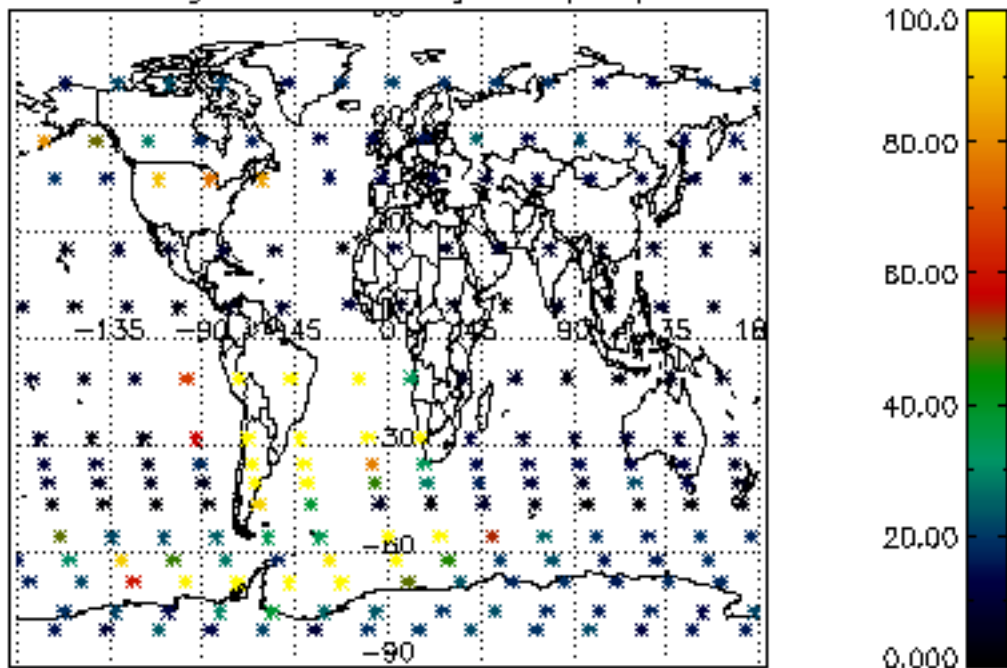




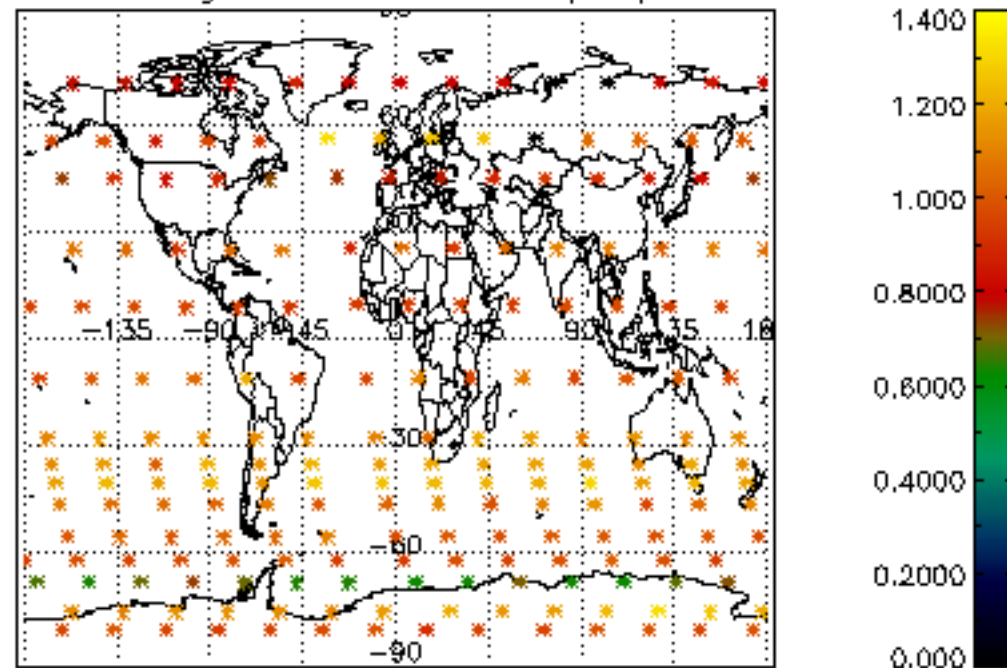




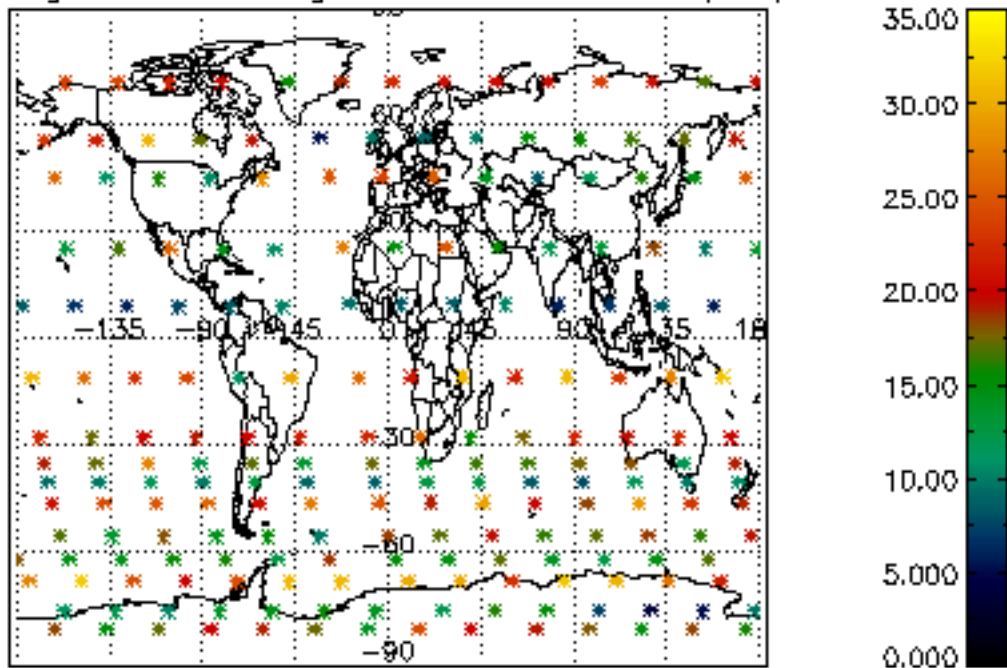
Percentage of cosmic ray hits per profile



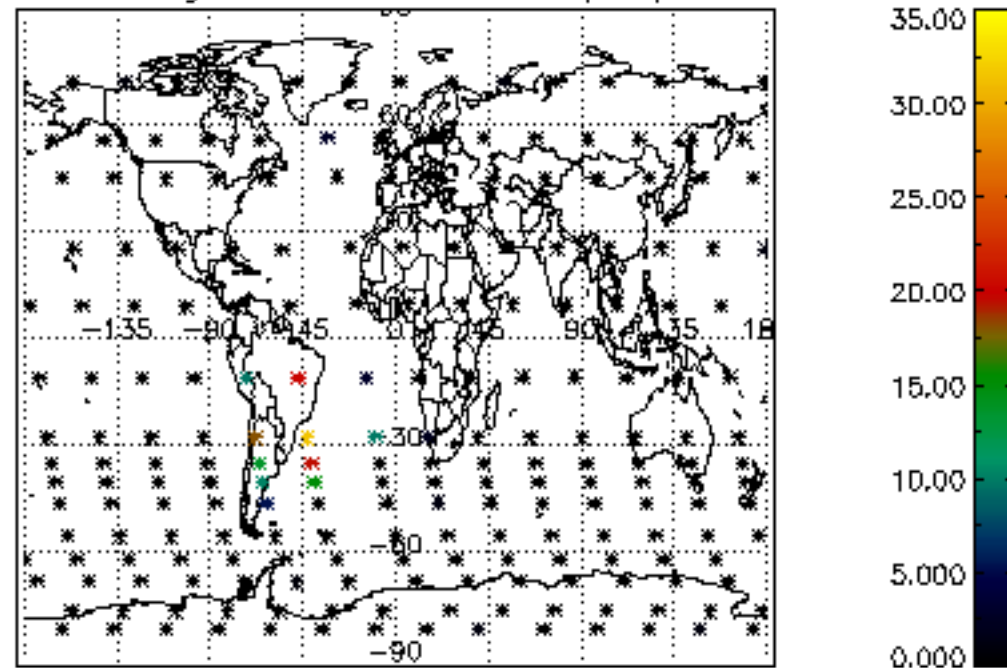
Percentage of datation errors per profile



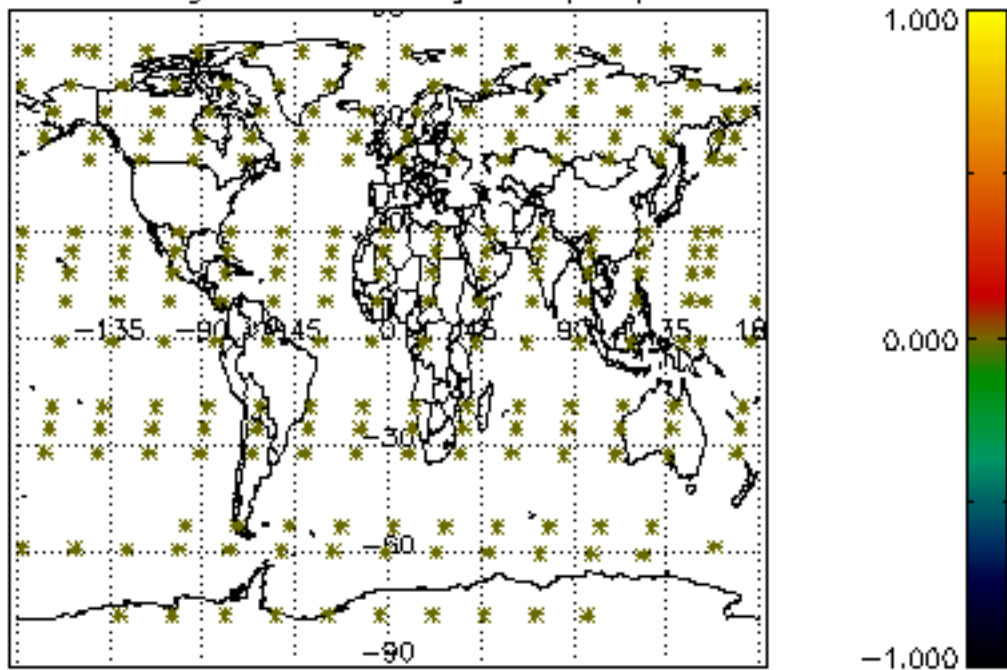
Percentage of star falling outside central band per profile



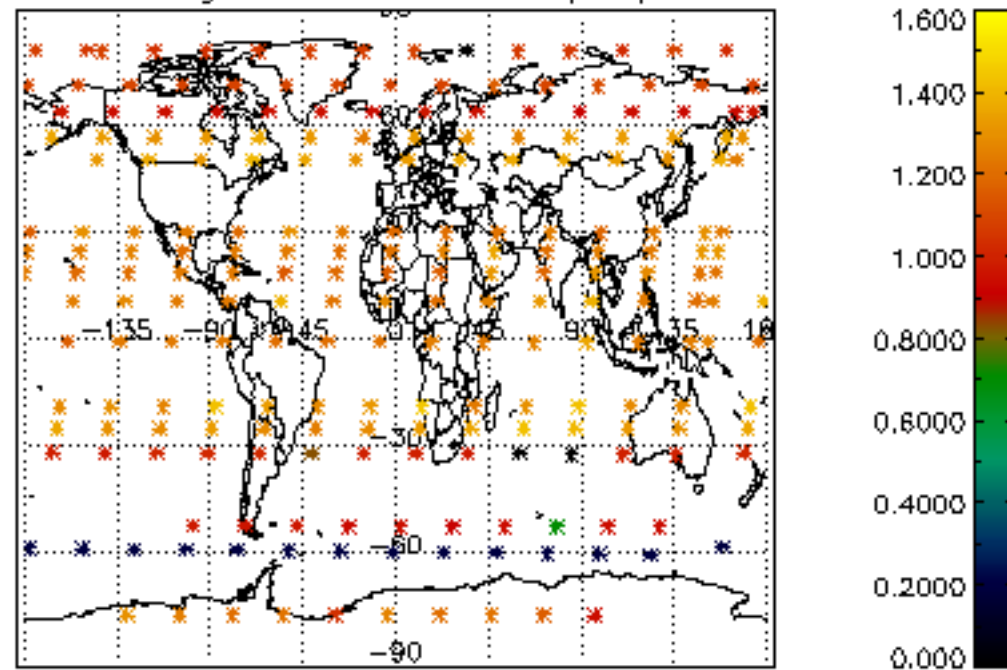
Percentage of saturation errors per profile



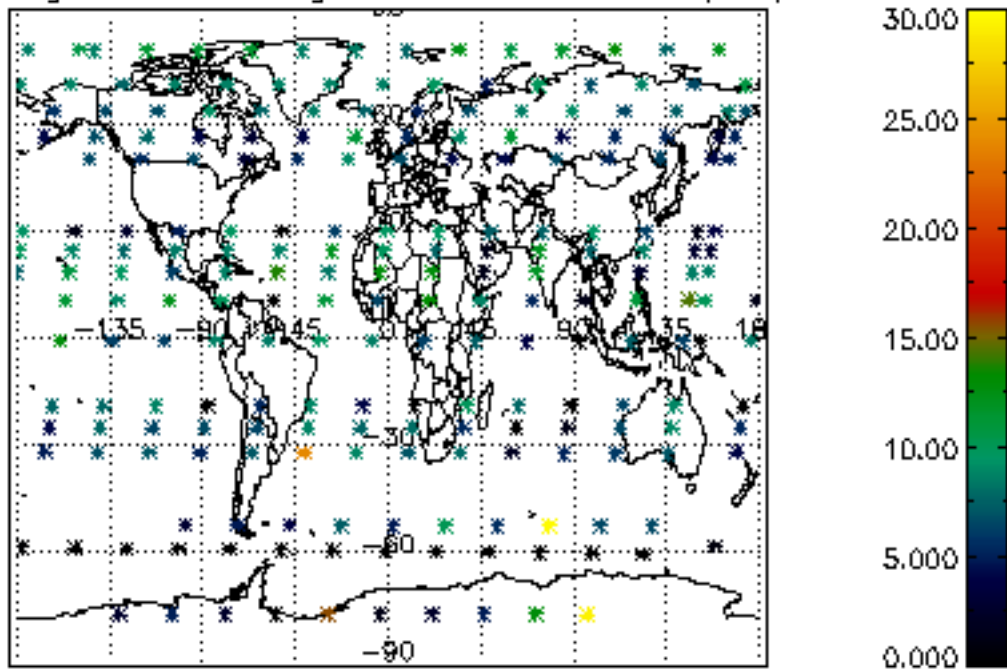
Percentage of cosmic ray hits per profile



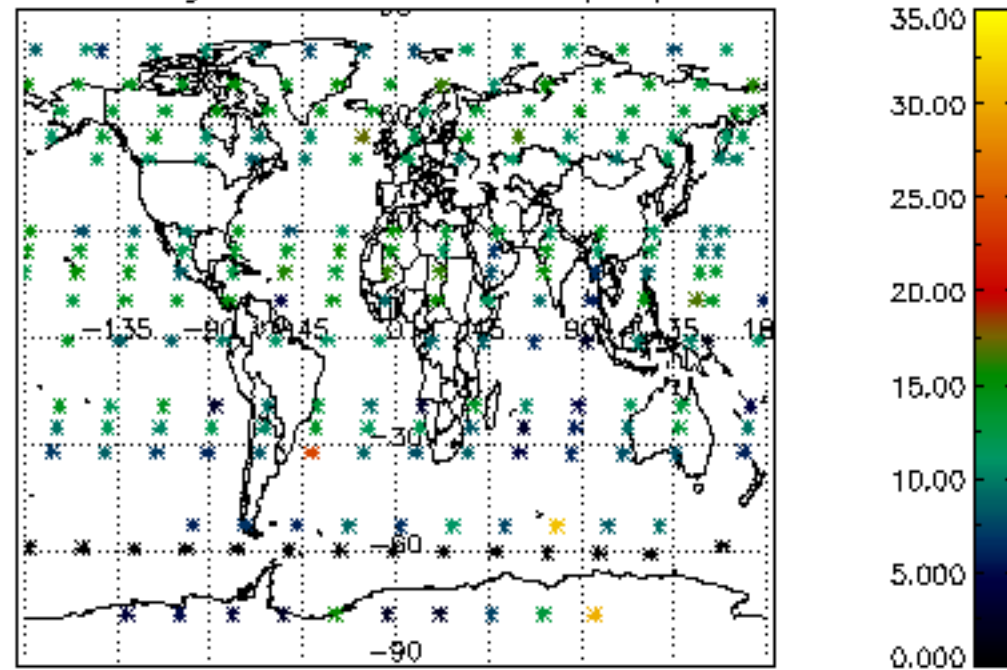
Percentage of datation errors per profile



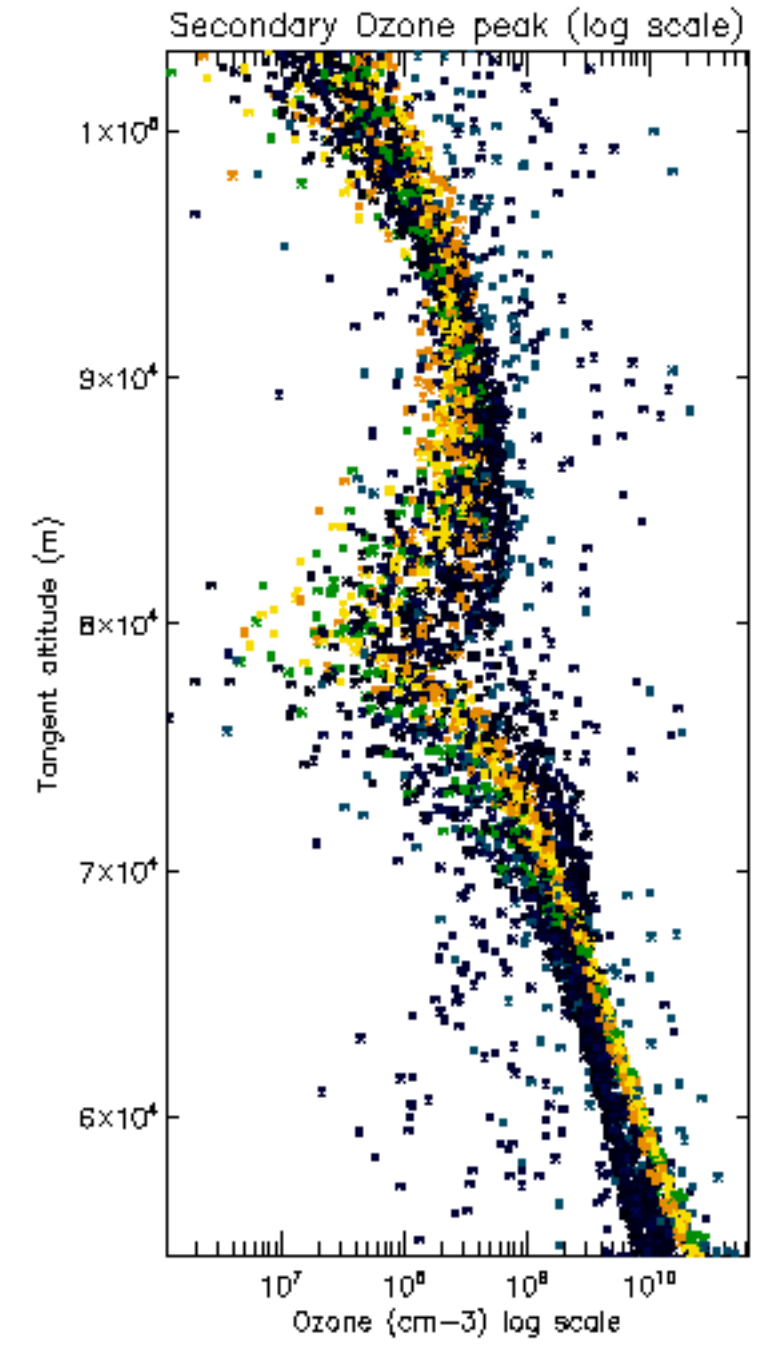
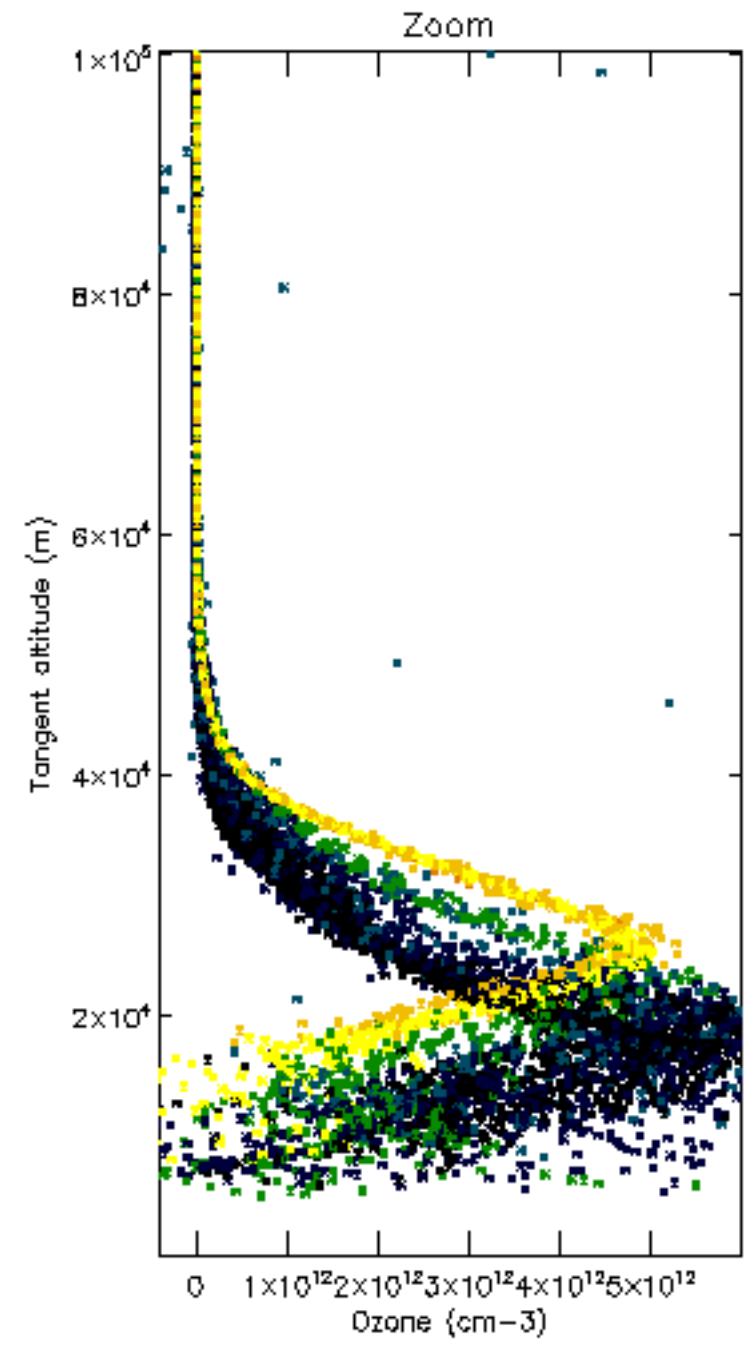
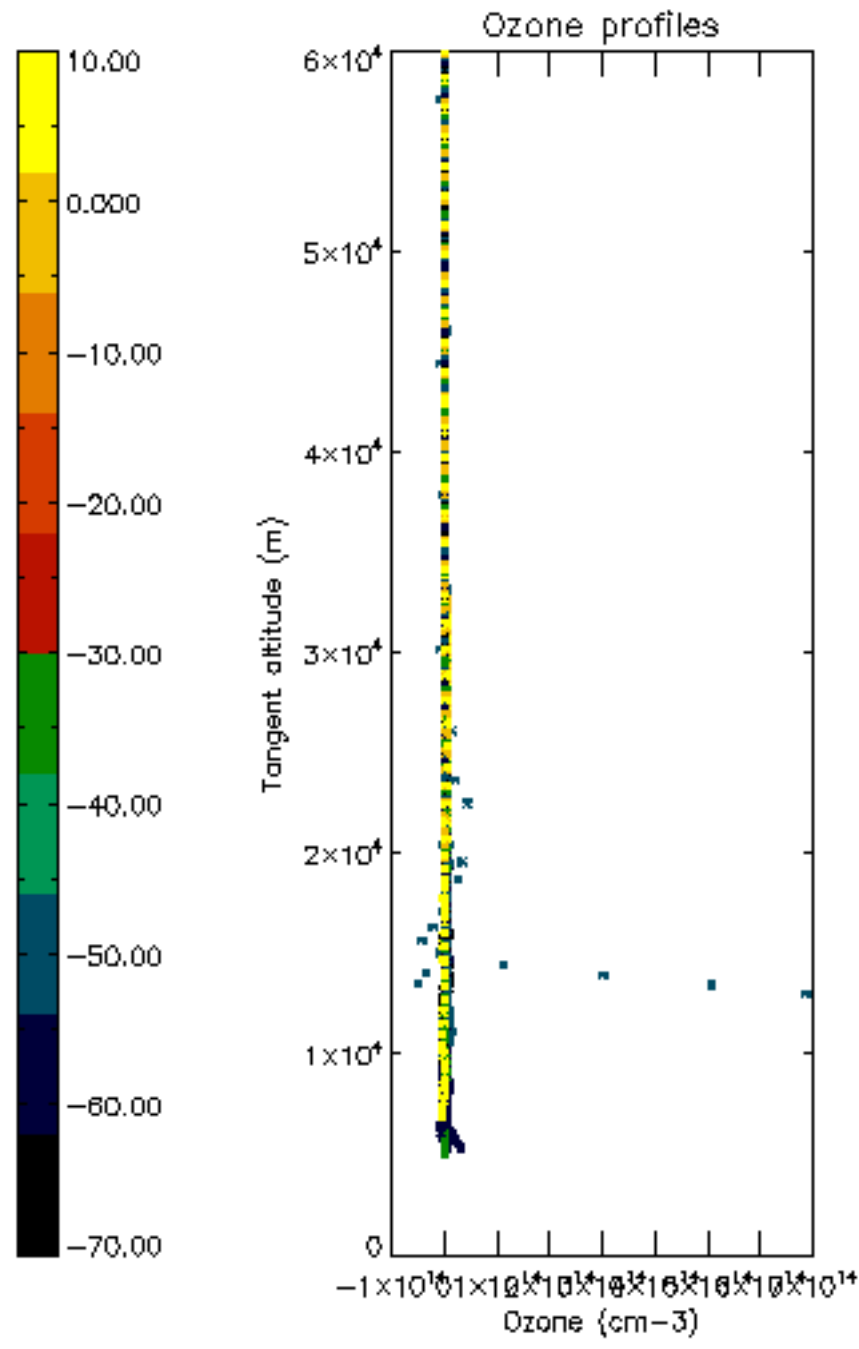
Percentage of star falling outside central band per profile



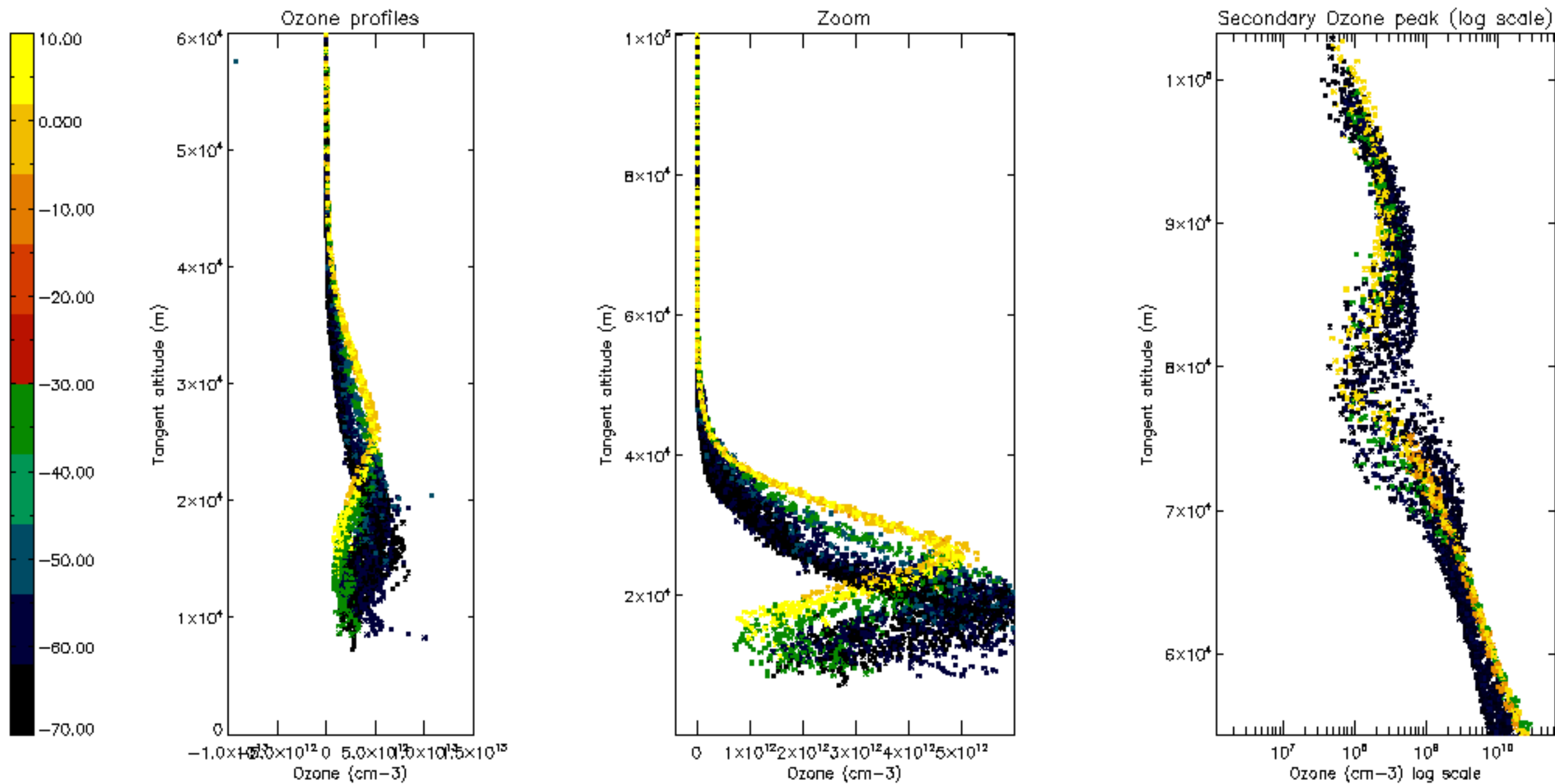
Percentage of saturation errors per profile

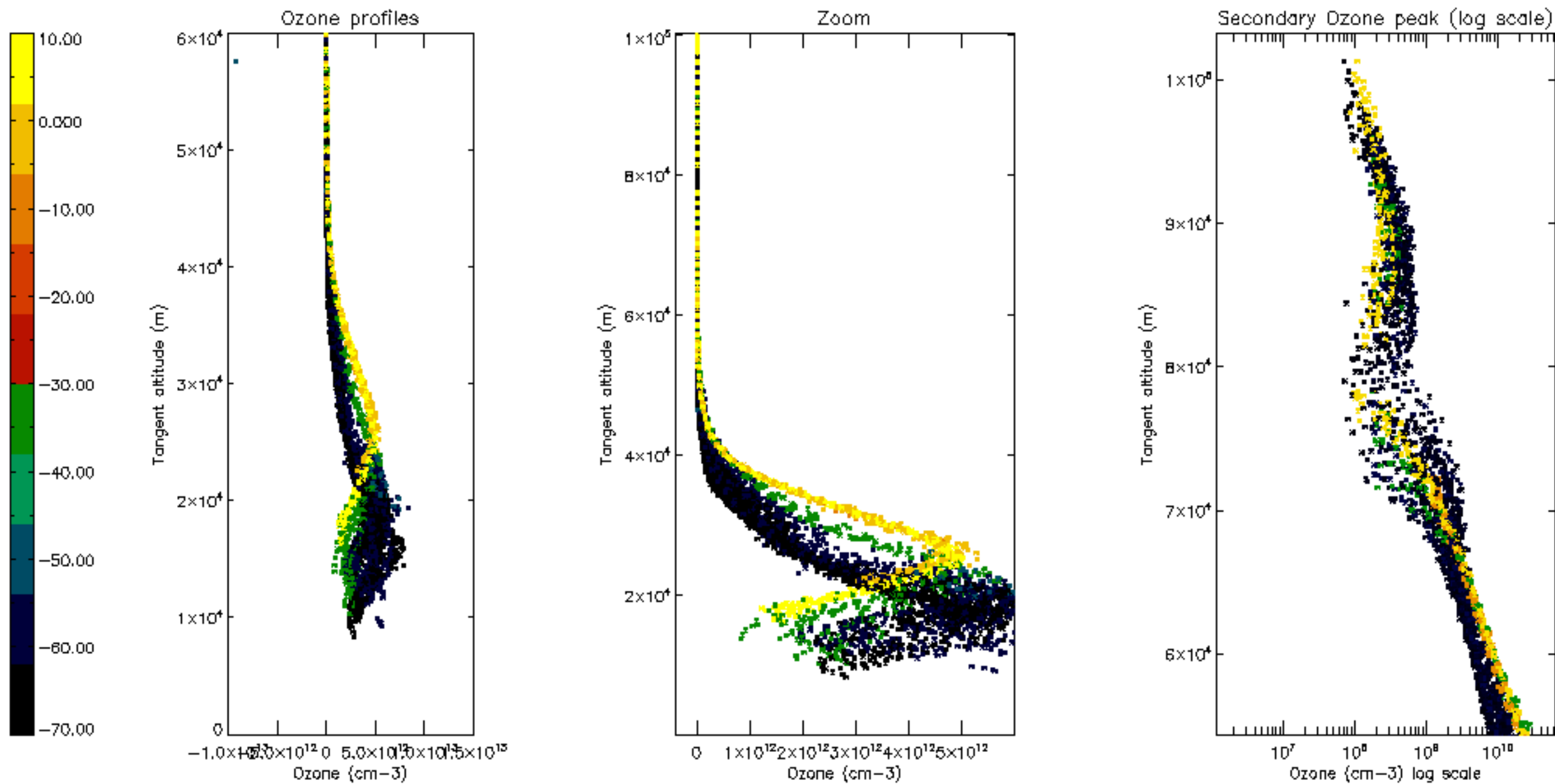


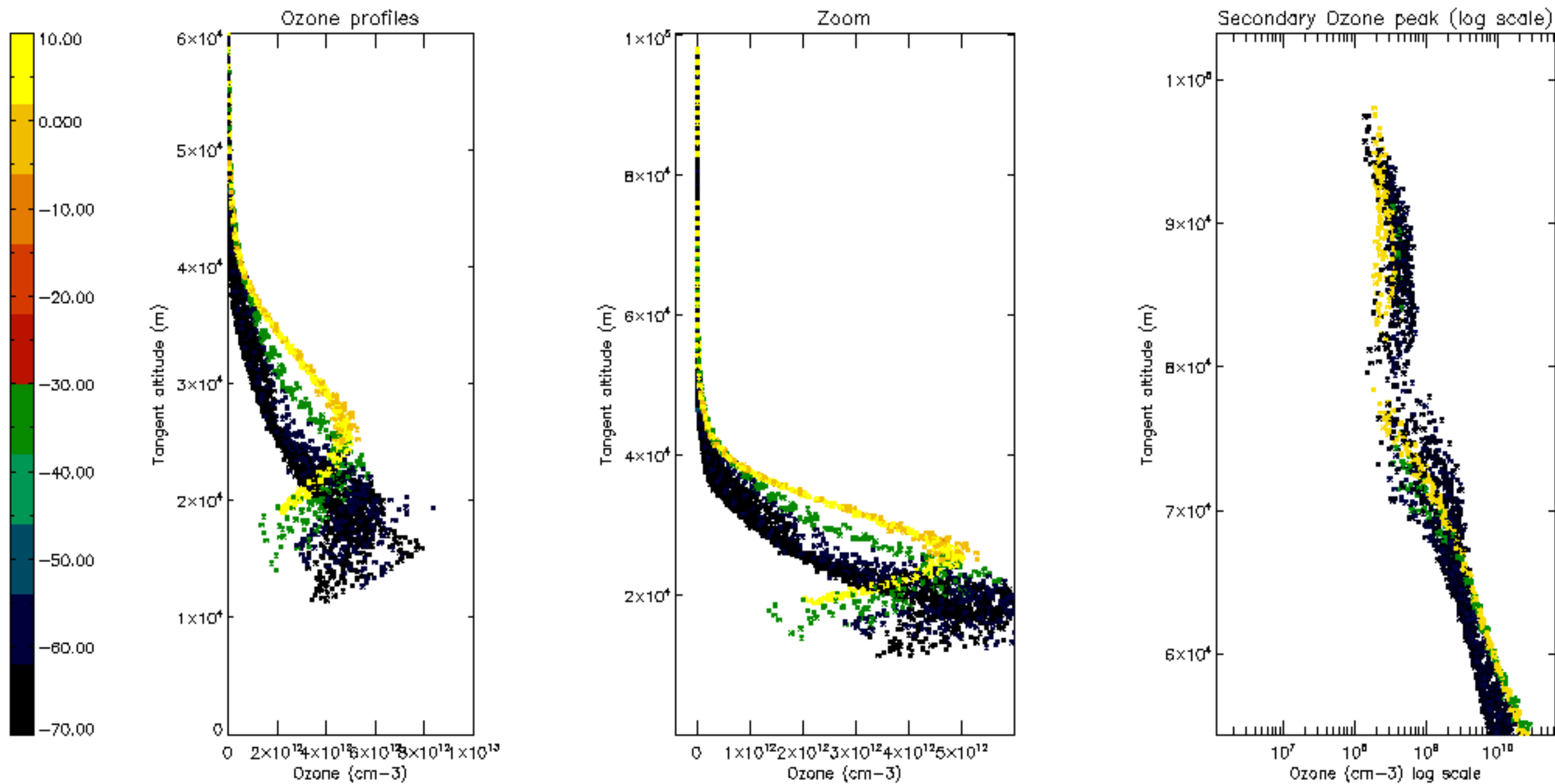


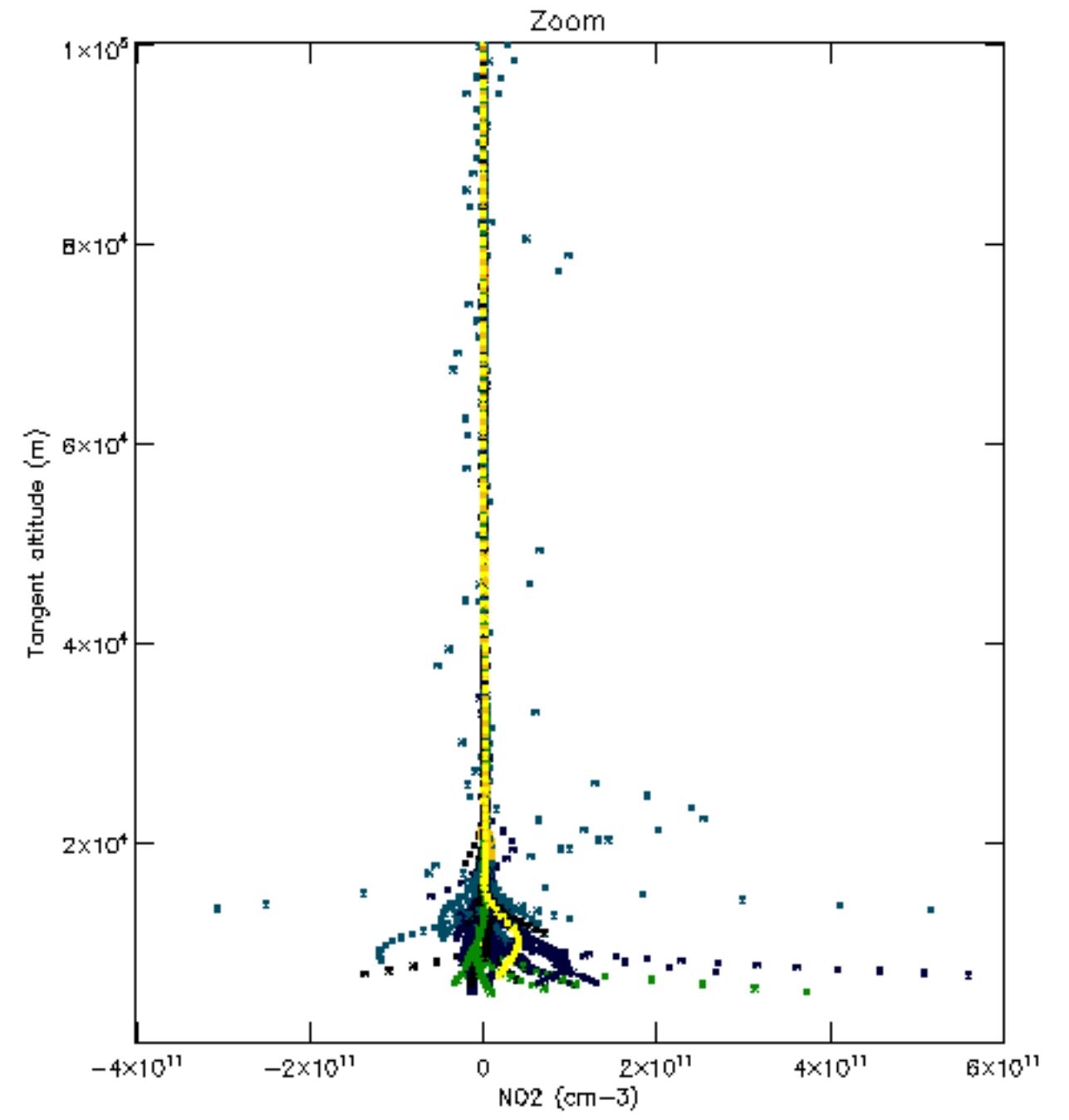
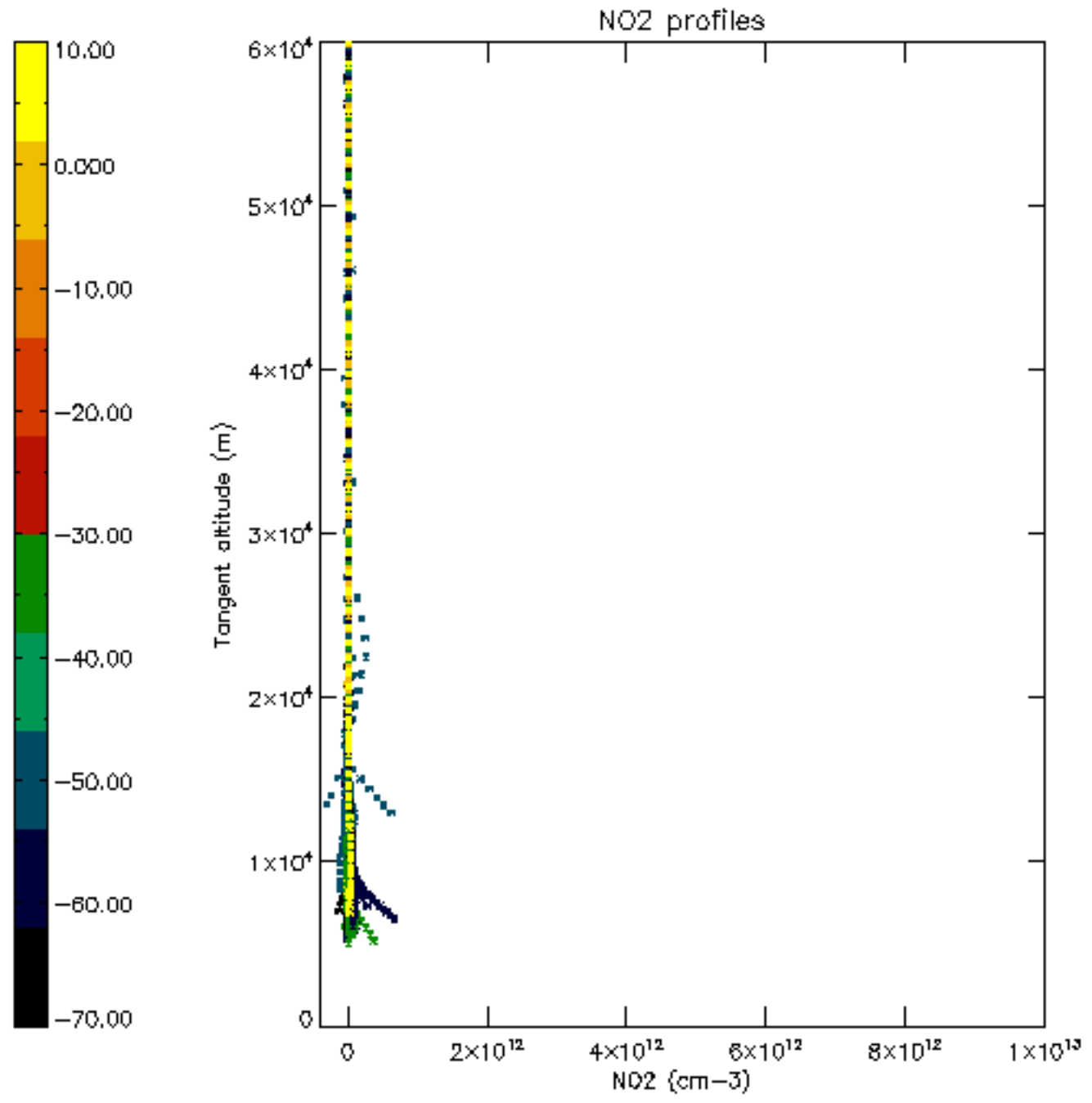




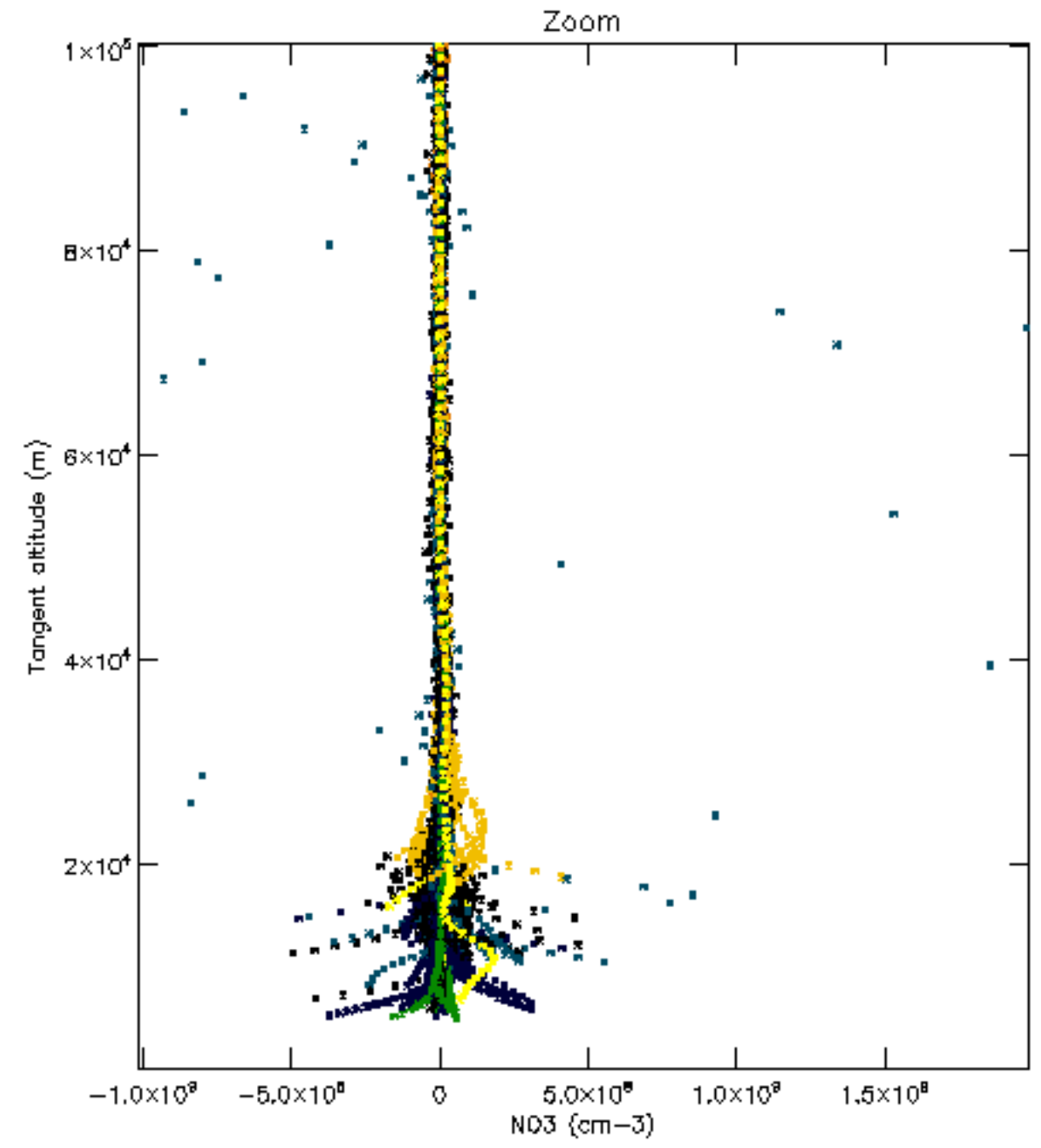
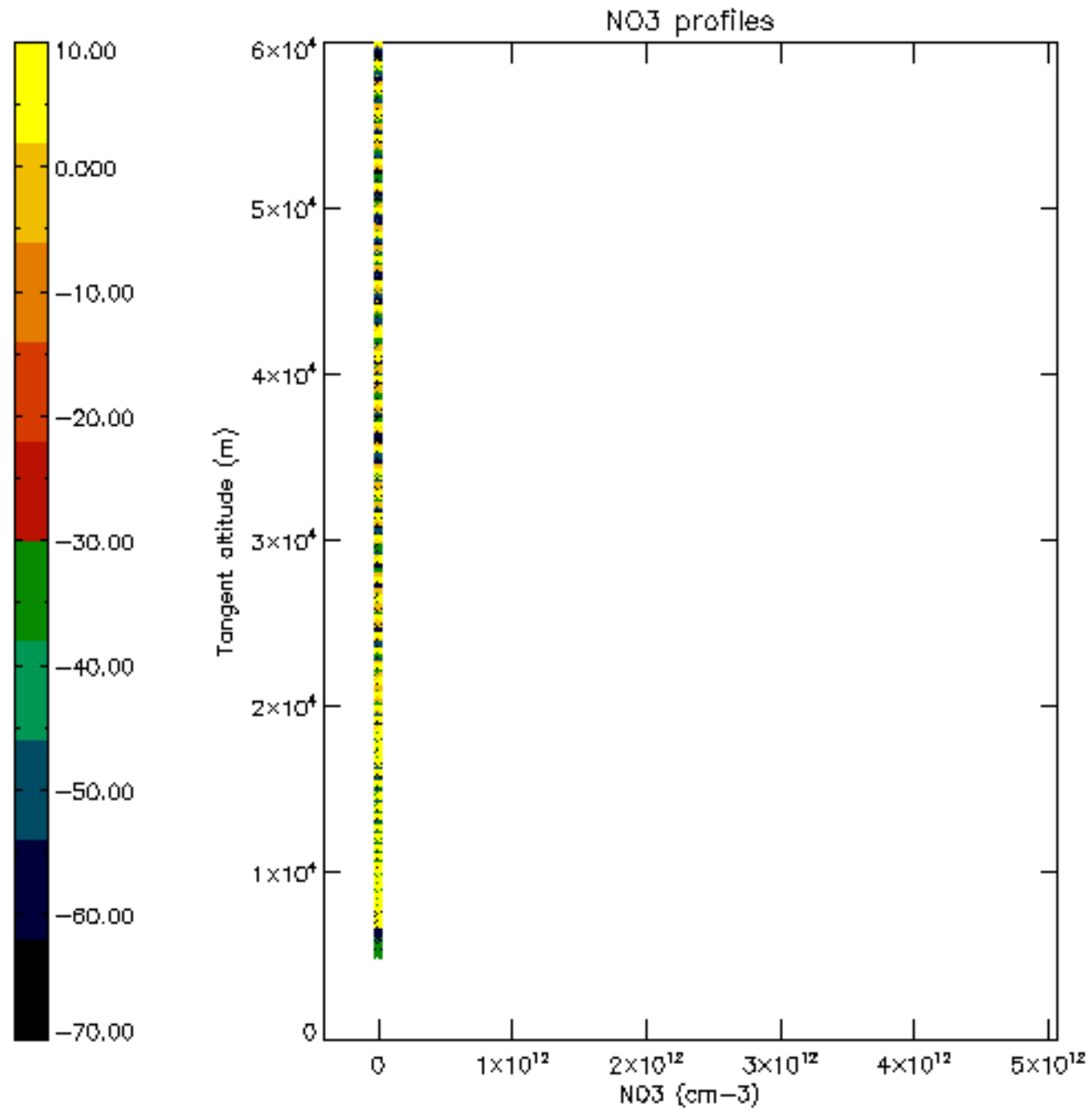


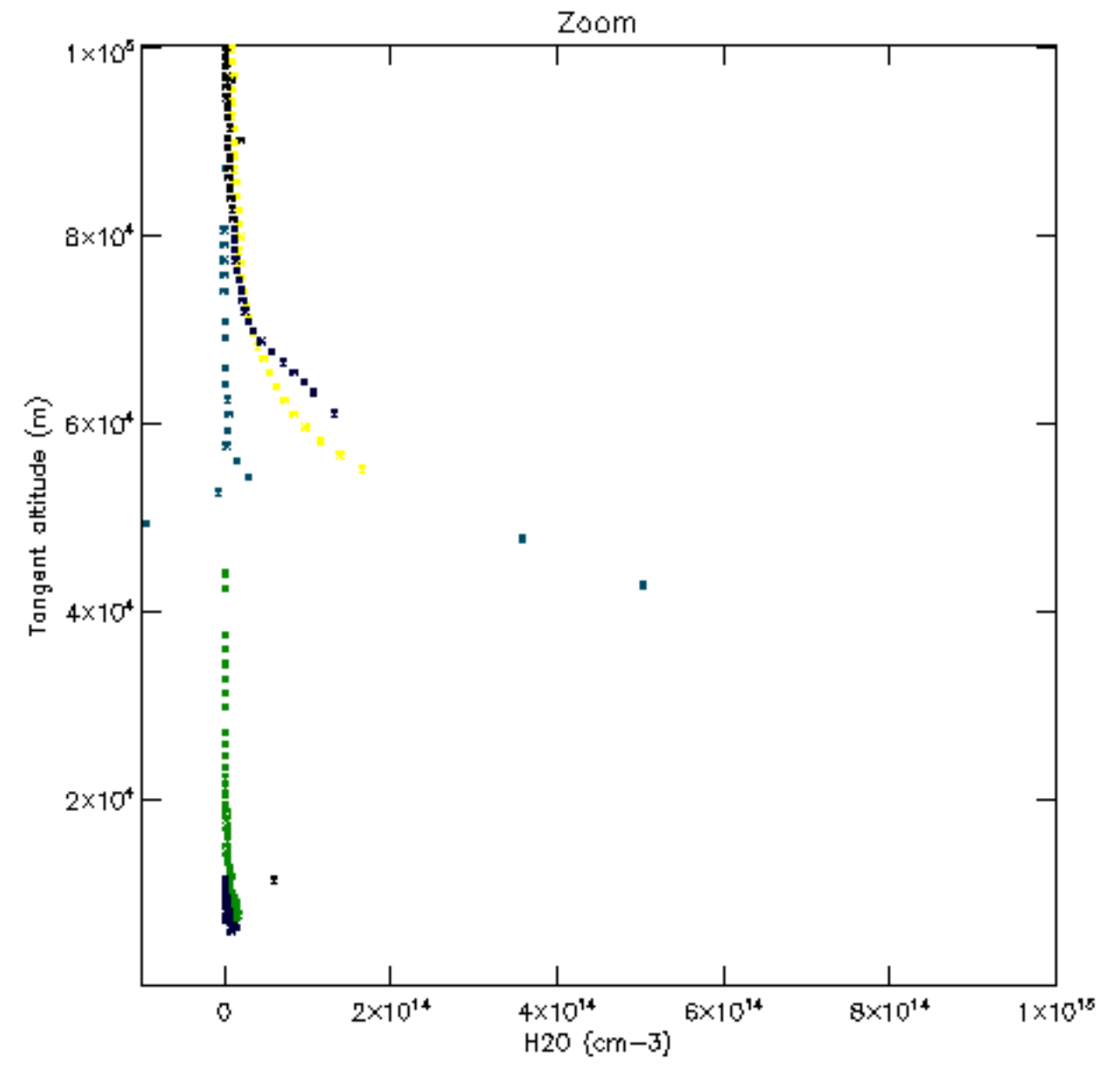
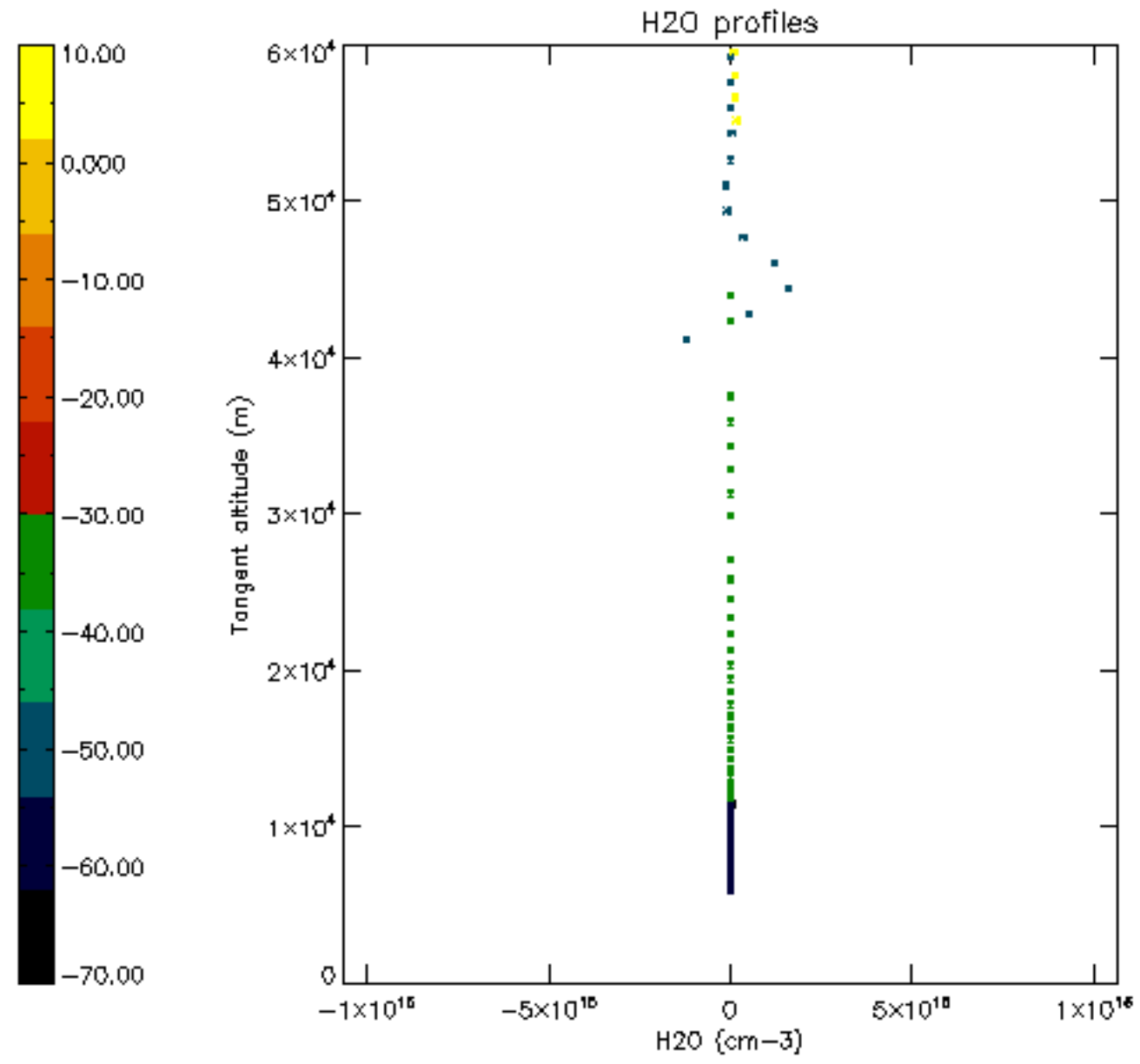


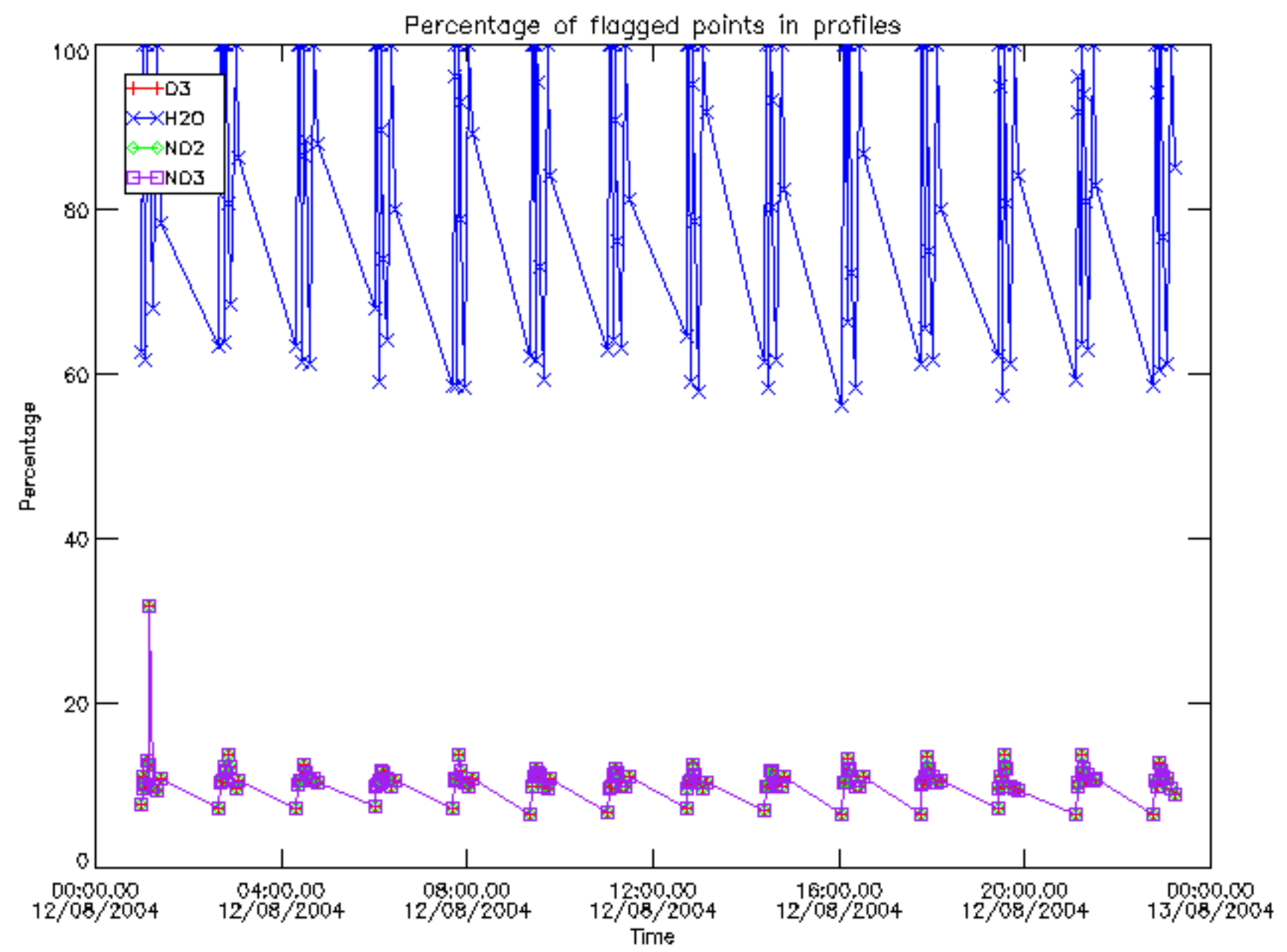






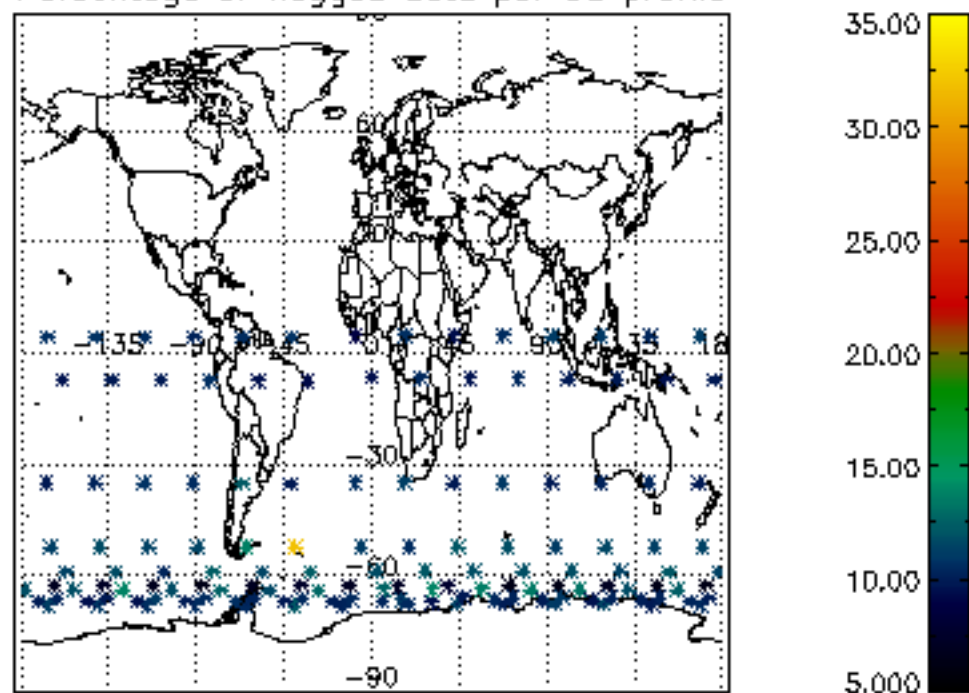




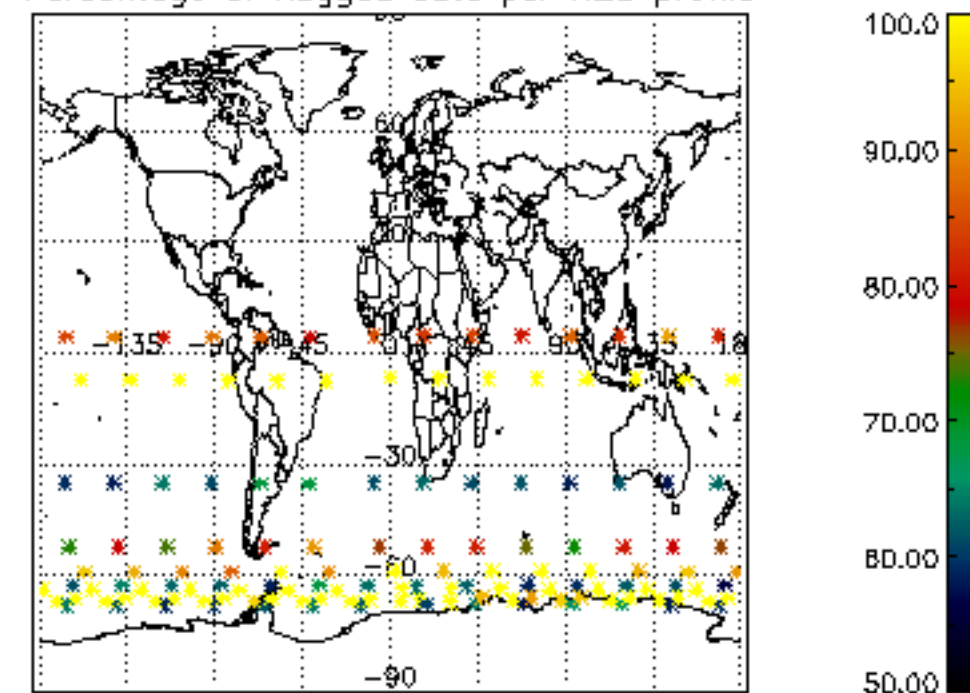




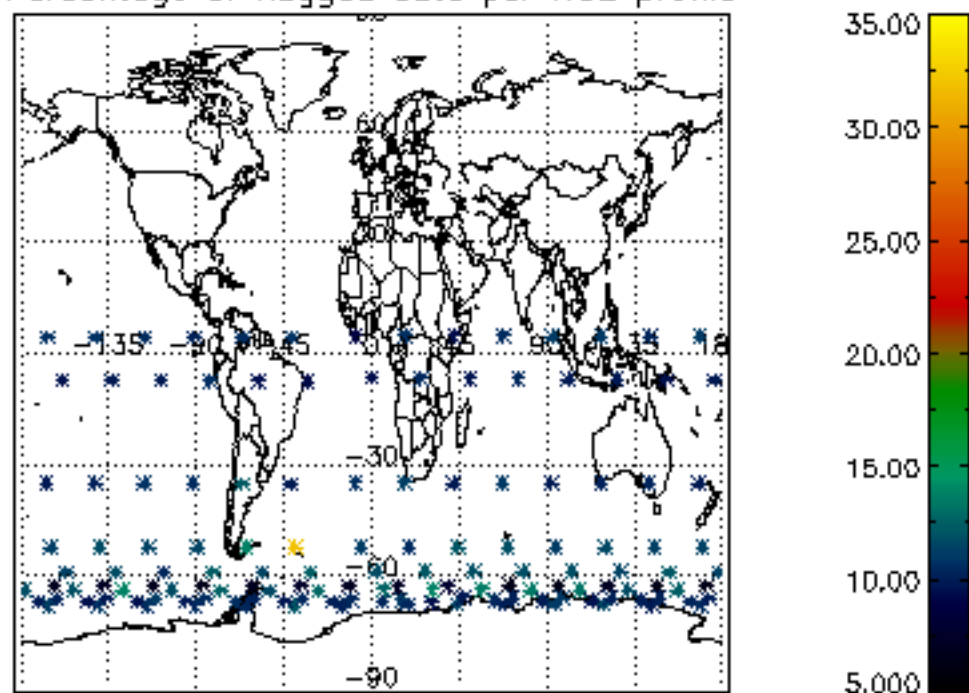
Percentage of flagged data per D3 profile



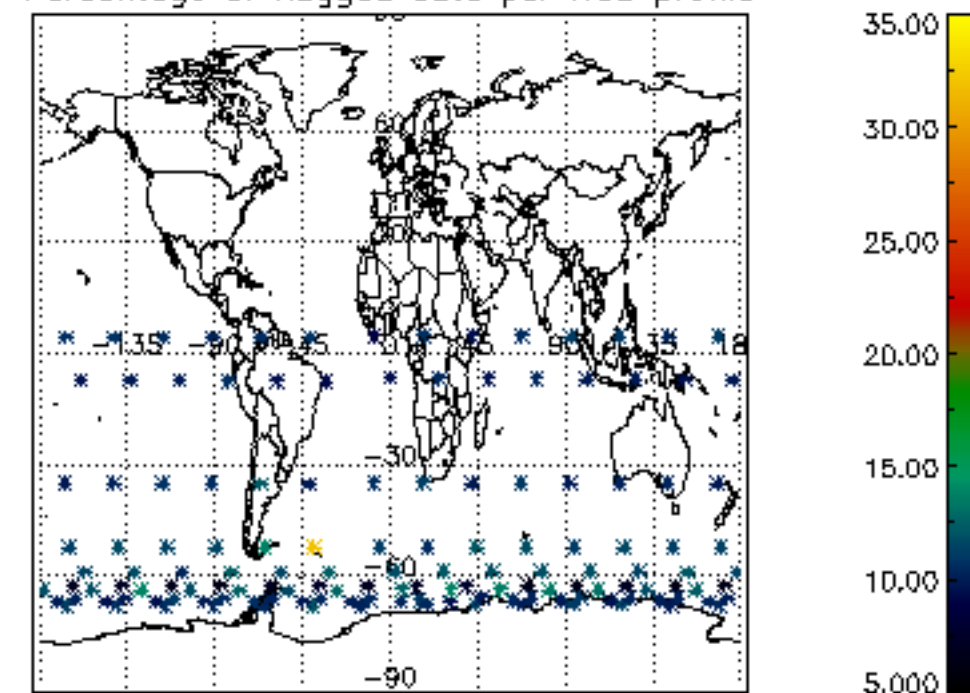
Percentage of flagged data per H2O profile

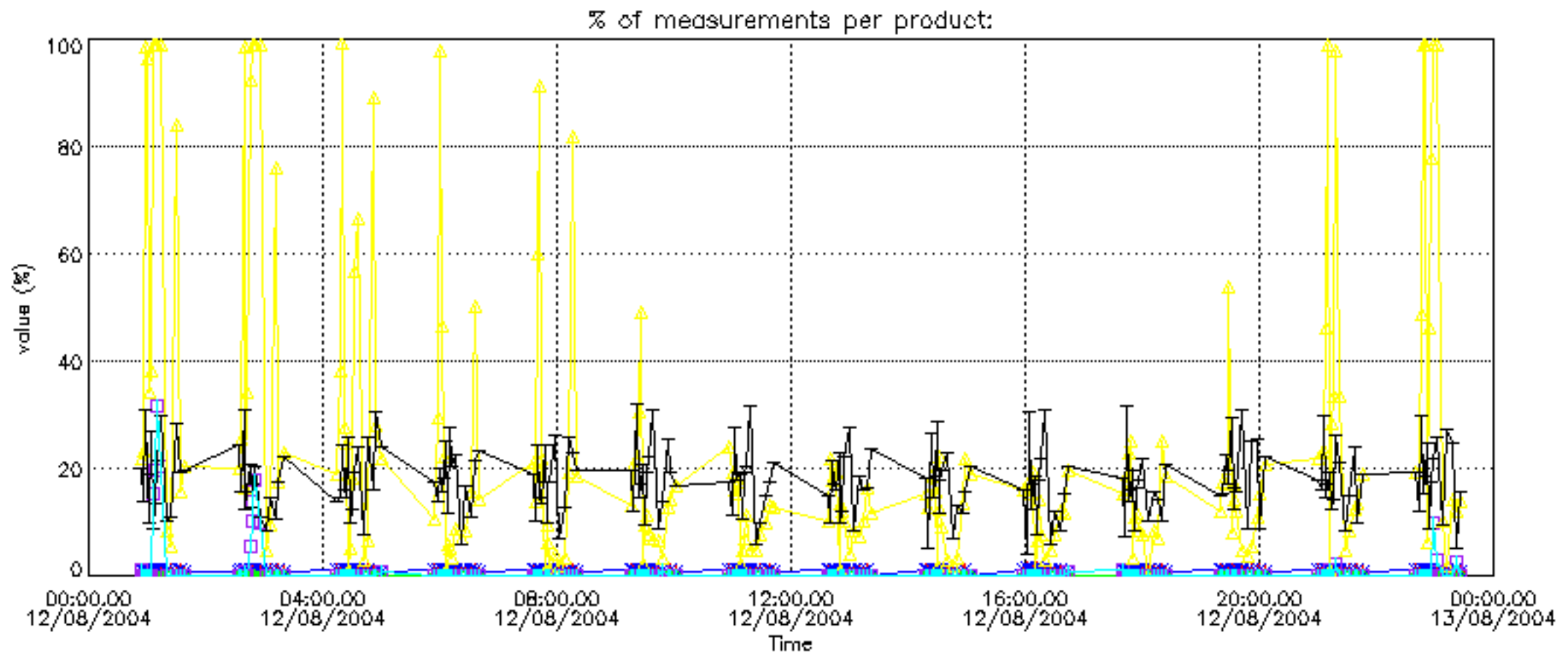


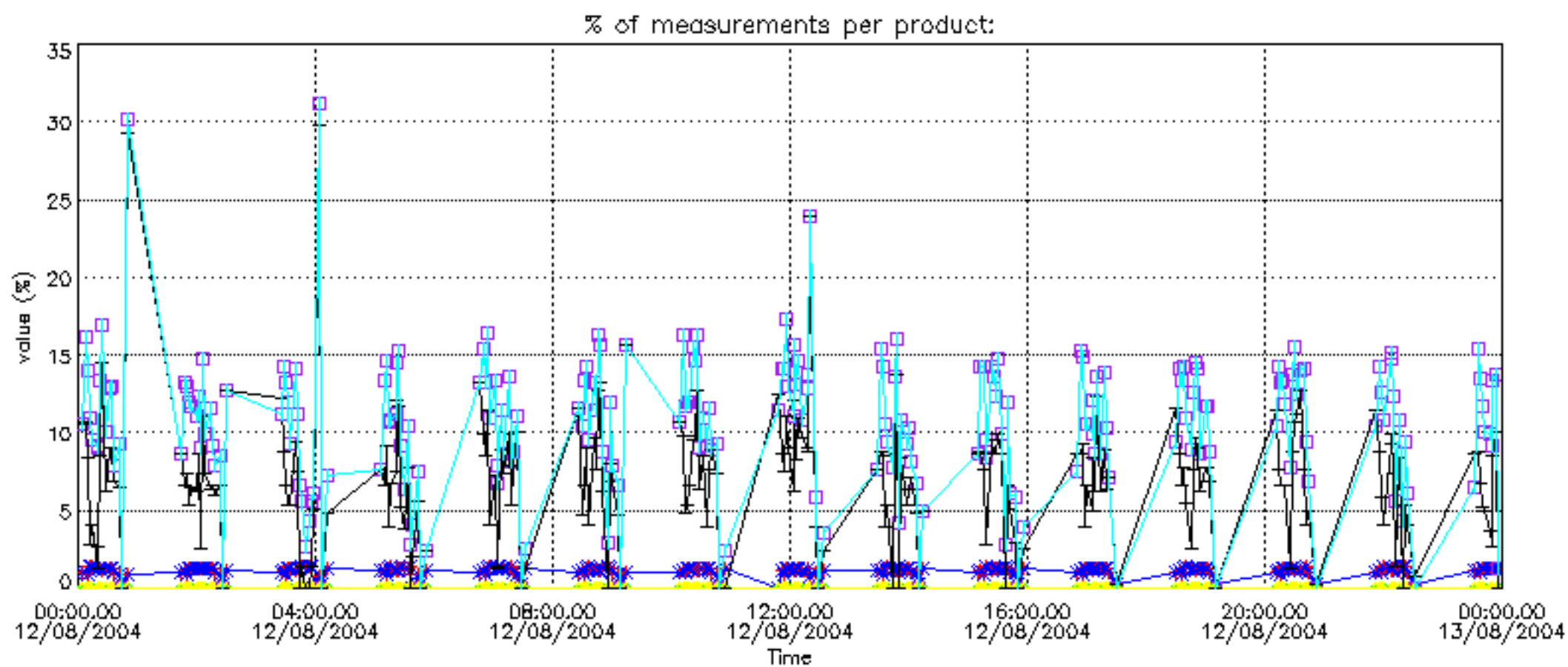
Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

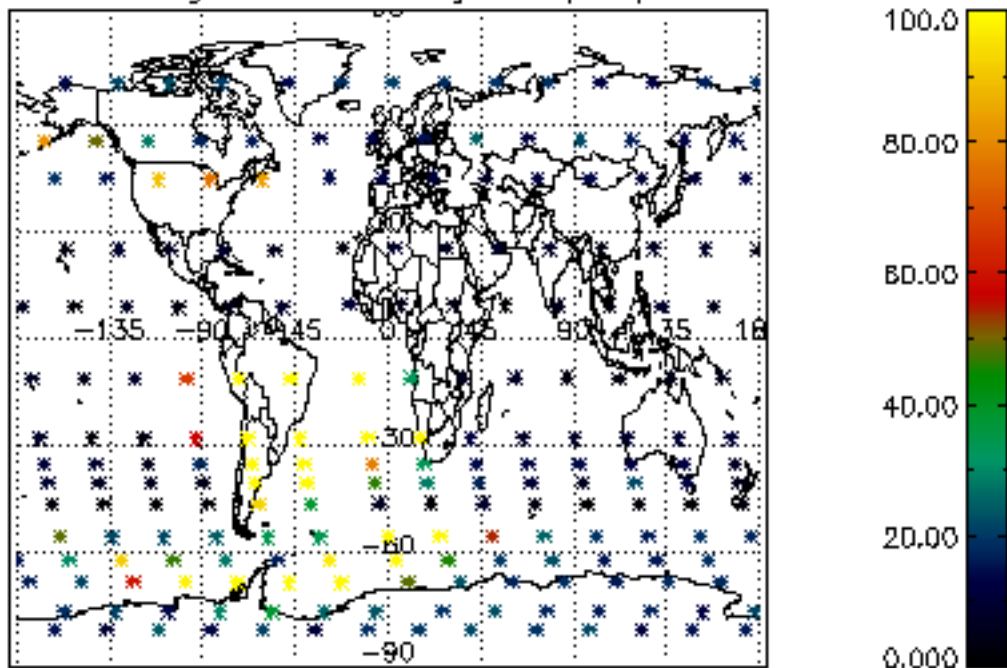




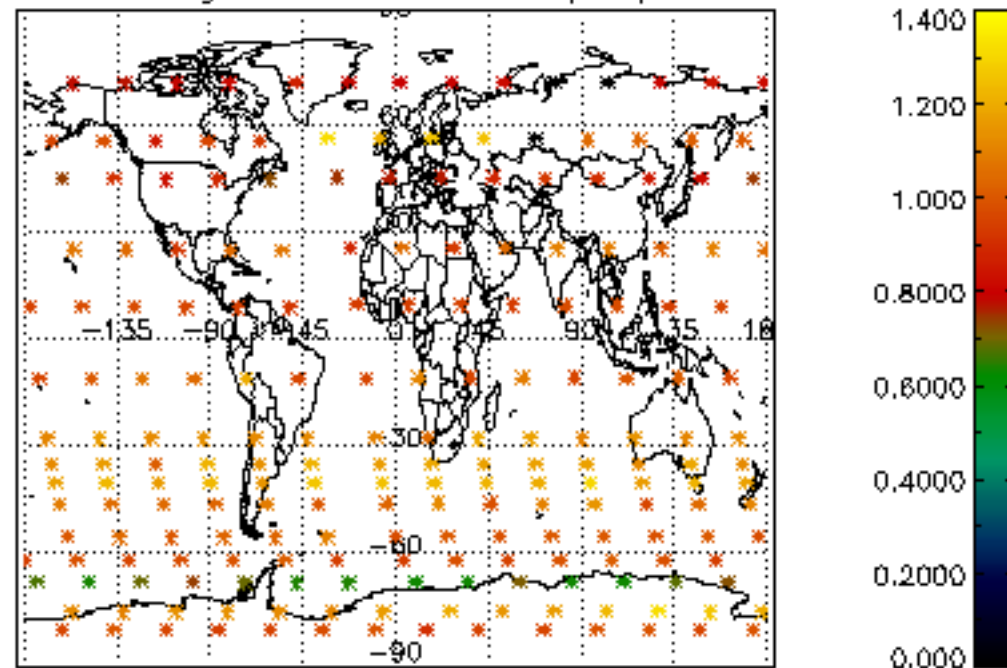




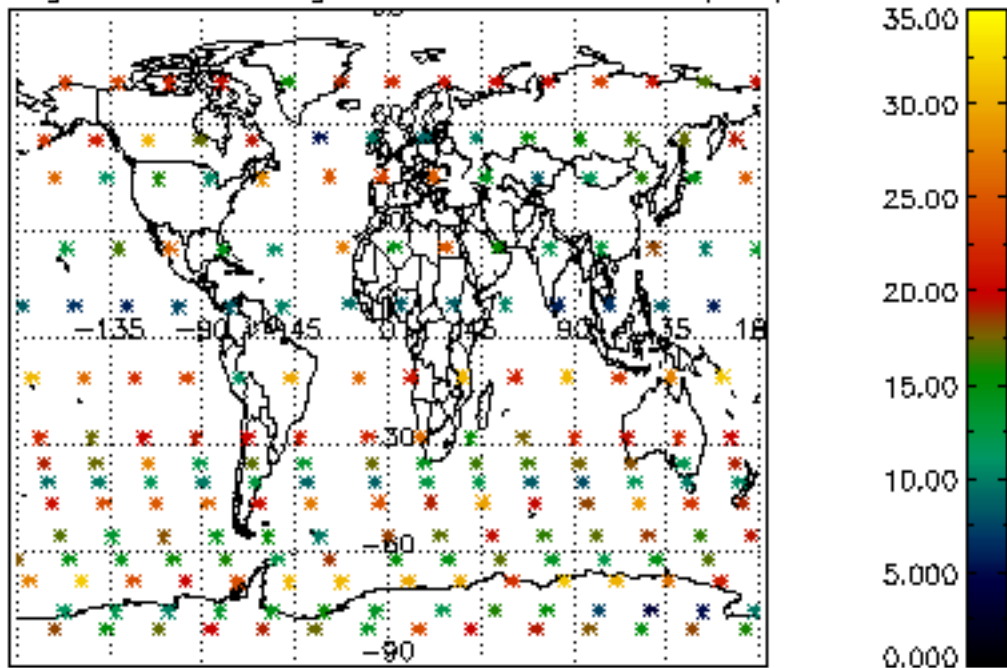
Percentage of cosmic ray hits per profile



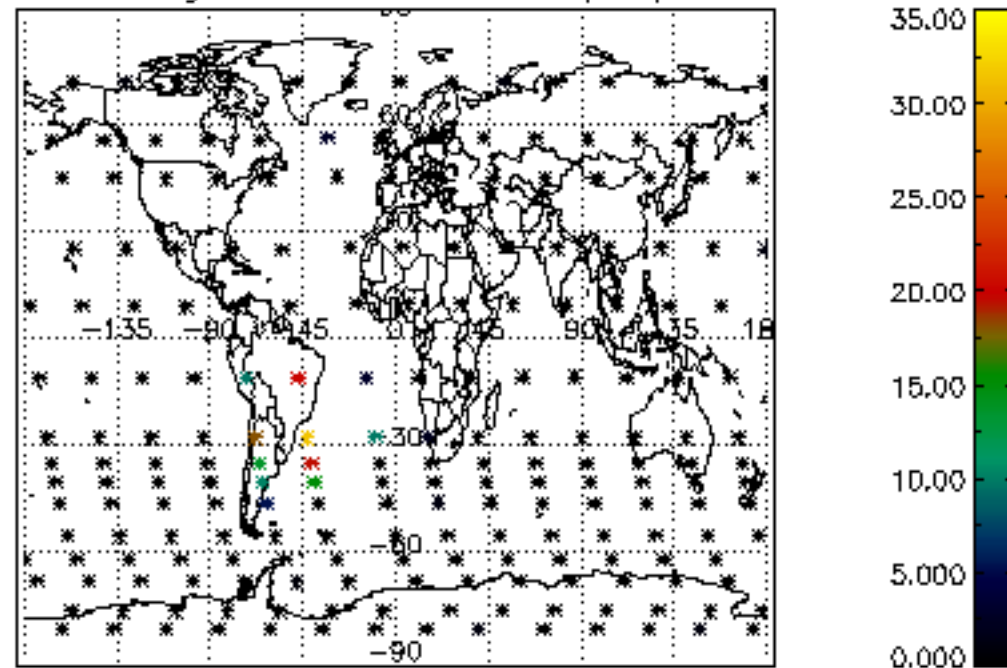
Percentage of datation errors per profile



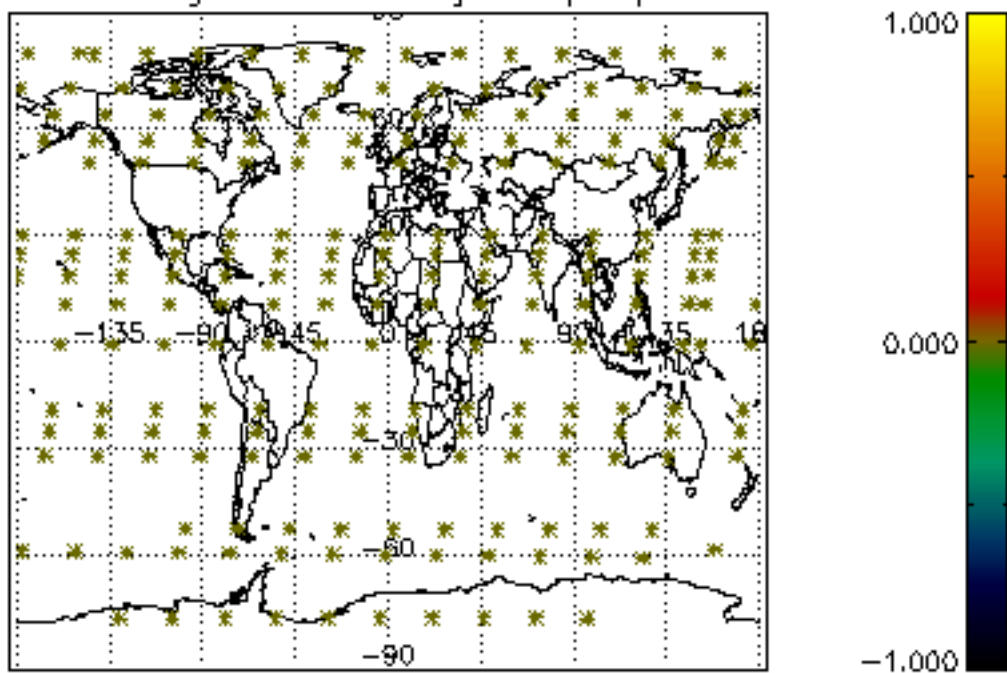
Percentage of star falling outside central band per profile



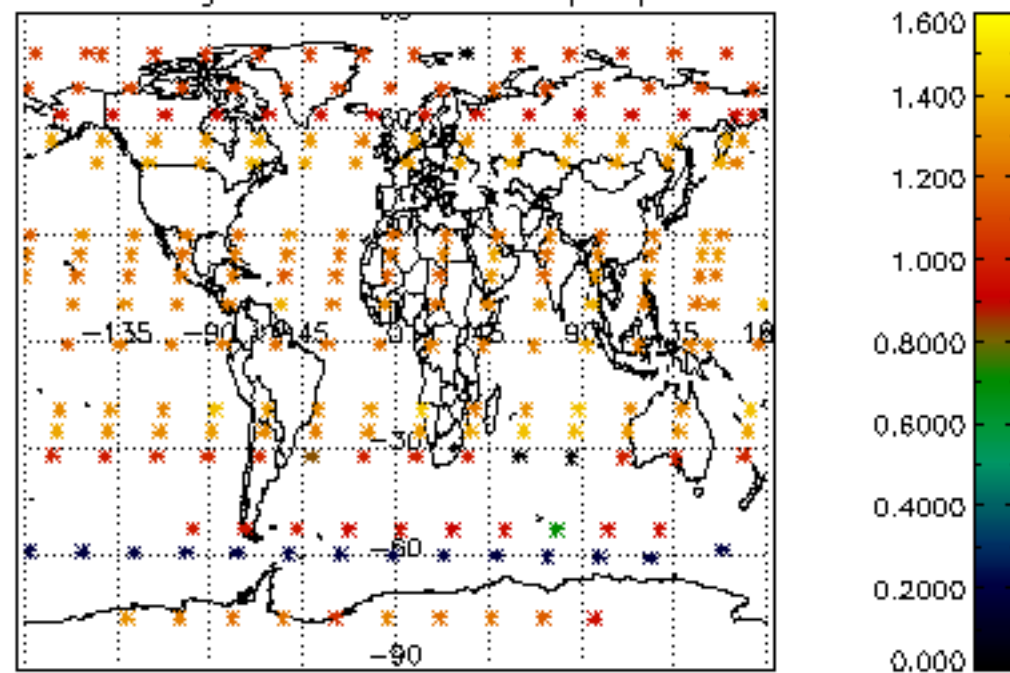
Percentage of saturation errors per profile



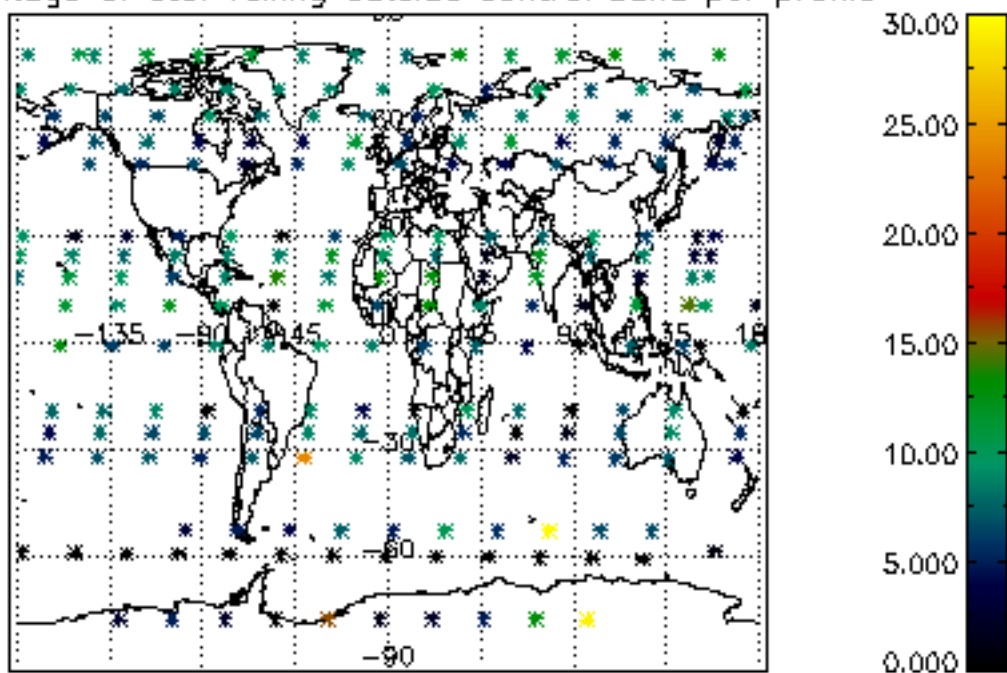
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

