

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	25APR2013 16:43:49
Data source version	GOMOS/6.01
Start time of products	27-06-2008 (27JUN2008 00:00:00)
Stop time of products	28-06-2008 (28JUN2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	289
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__2PRFIN20080627_000007_000000392069_00445_33064_2658.N1	27-JUN-2008 00:00:07	Dark	38.500	157	The1Eri	2.9060	9300.0	77	33064	No
2	GOM_NL__2PRFIN20080627_000610_000000422069_00446_33065_2676.N1	27-JUN-2008 00:06:10	Dark	41.500	9	Alp Eri	0.45300	24000.	83	33065	No
3	GOM_NL__2PRFIN20080627_001313_000000332069_00446_33065_2677.N1	27-JUN-2008 00:13:13	Straylight	33.000	63	Bet Gru	2.1500	2800.0	66	33065	No
4	GOM_NL__2PRFIN20080627_001758_000000402069_00446_33065_2678.N1	27-JUN-2008 00:17:58	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	33065	No
5	GOM_NL__2PRFIN20080627_002519_000000422069_00446_33065_2679.N1	27-JUN-2008 00:25:19	Twl_and_stray	41.500	40	The Sco	1.8590	7100.0	83	33065	No
6	GOM_NL__2PRFIN20080627_002659_000000412069_00446_33065_2680.N1	27-JUN-2008 00:26:59	Twl_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	33065	No
7	GOM_NL__2PRFIN20080627_002822_000000472069_00446_33065_2681.N1	27-JUN-2008 00:28:22	Bright	46.500	116	19Del Sgr	2.7000	4100.0	93	33065	No
8	GOM_NL__2PRFIN20080627_002936_000000432069_00446_33065_2682.N1	27-JUN-2008 00:29:36	Bright	43.000	137	22Lam Sgr	2.8240	4400.0	86	33065	No
9	GOM_NL__2PRFIN20080627_003314_000000362069_00446_33065_2683.N1	27-JUN-2008 00:33:14	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33065	No
10	GOM_NL__2PRFIN20080627_003903_000000382069_00446_33065_2684.N1	27-JUN-2008 00:39:03	Bright	38.000	126	60Bet Oph	2.7700	4250.0	76	33065	No
11	GOM_NL__2PRFIN20080627_004125_000000382069_00446_33065_2685.N1	27-JUN-2008 00:41:25	Bright	38.000	59	55Alp Oph	2.0800	8900.0	76	33065	No
12	GOM_NL__2PRFIN20080627_004357_000000362069_00446_33065_2686.N1	27-JUN-2008 00:43:57	Bright	35.500	127	27Bet Her	2.7810	4700.0	71	33065	No
13	GOM_NL__2PRFIN20080627_004645_000000372069_00446_33065_2687.N1	27-JUN-2008 00:46:45	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	33065	No
14	GOM_NL__2PRFIN20080627_005258_000000382069_00446_33065_2688.N1	27-JUN-2008 00:52:58	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	33065	No
15	GOM_NL__2PRFIN20080627_005510_000000372069_00446_33065_2689.N1	27-JUN-2008 00:55:10	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	33065	No
16	GOM_NL__2PRFIN20080627_010325_000000362069_00446_33065_2690.N1	27-JUN-2008 01:03:25	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33065	No
17	GOM_NL__2PRFIN20080627_011051_000000402069_00446_33065_2691.N1	27-JUN-2008 01:10:51	Bright	39.500	110	37Del Cas	2.6780	8900.0	79	33065	No
18	GOM_NL__2PRFIN20080627_011344_000000552069_00446_33065_2692.N1	27-JUN-2008 01:13:44	Bright	55.000	160	23Gam Per	2.9300	4700.0	110	33065	No
19	GOM_NL__2PRFIN20080627_011731_000000392069_00446_33065_2693.N1	27-JUN-2008 01:17:31	Bright	38.500	79	26Bet Per	2.3100	13100.	77	33065	No
20	GOM_NL__2PRFIN20080627_012836_000000452069_00446_33065_2694.N1	27-JUN-2008 01:28:36	Dark	44.500	94	92Alp Cet	2.5260	3100.0	89	33065	No
21	GOM_NL__2PRFIN20080627_014646_000000432069_00447_33066_2707.N1	27-JUN-2008 01:46:46	Dark	42.500	9	Alp Eri	0.45300	24000.	85	33066	No
22	GOM_NL__2PRFIN20080627_015351_000000322069_00447_33066_2708.N1	27-JUN-2008 01:53:51	Straylight	32.000	63	Bet Gru	2.1500	2800.0	64	33066	No
23	GOM_NL__2PRFIN20080627_015834_000000402069_00447_33066_2709.N1	27-JUN-2008 01:58:34	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33066	No
24	GOM_NL__2PRFIN20080627_020555_000000422069_00447_33066_2710.N1	27-JUN-2008 02:05:55	Twl_and_stray	41.500	40	The Sco	1.8590	7100.0	83	33066	No
25	GOM_NL__2PRFIN20080627_020735_000000412069_00447_33066_2711.N1	27-JUN-2008 02:07:35	Twl_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	33066	No
26	GOM_NL__2PRFIN20080627_020858_000000562069_00447_33066_2712.N1	27-JUN-2008 02:08:58	Bright	56.000	116	19Del Sgr	2.7000	4100.0	112	33066	No
27	GOM_NL__2PRFIN20080627_021012_000000432069_00447_33066_2713.N1	27-JUN-2008 02:10:12	Bright	43.000	137	22Lam Sgr	2.8240	4400.0	86	33066	No
28	GOM_NL__2PRFIN20080627_021350_000000372069_00447_33066_2714.N1	27-JUN-2008 02:13:50	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33066	No
29	GOM_NL__2PRFIN20080627_021939_000000382069_00447_33066_2715.N1	27-JUN-2008 02:19:39	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	33066	No
30	GOM_NL__2PRFIN20080627_022201_000000382069_00447_33066_2716.N1	27-JUN-2008 02:22:01	Bright	38.000	59	55Alp Oph	2.0800	8900.0	76	33066	No
31	GOM_NL__2PRFIN20080627_022433_000000522069_00447_33066_2717.N1	27-JUN-2008 02:24:33	Bright	52.000	127	27Bet Her	2.7810	4700.0	104	33066	No
32	GOM_NL__2PRFIN20080627_022721_000000372069_00447_33066_2718.N1	27-JUN-2008 02:27:21	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	33066	No
33	GOM_NL__2PRFIN20080627_023334_000000382069_00447_33066_2719.N1	27-JUN-2008 02:33:34	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	33066	No
34	GOM_NL__2PRFIN20080627_023546_000000342069_00447_33066_2720.N1	27-JUN-2008 02:35:46	Bright	34.000	119	14Eta Dra	2.7270	4700.0	68	33066	No
35	GOM_NL__2PRFIN20080627_024401_000000362069_00447_33066_2721.N1	27-JUN-2008 02:44:01	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33066	No
36	GOM_NL__2PRFIN20080627_025127_000000482069_00447_33066_2722.N1	27-JUN-2008 02:51:27	Bright	48.000	110	37Del Cas	2.6780	8900.0	96	33066	No
37	GOM_NL__2PRFIN20080627_025420_000000552069_00447_33066_2723.N1	27-JUN-2008 02:54:20	Bright	55.000	160	23Gam Per	2.9300	4700.0	110	33066	No
38	GOM_NL__2PRFIN20080627_025558_000000402069_00447_33066_2724.N1	27-JUN-2008 02:55:58	Bright	39.500	175	39Del Per	3.0100	19400.	79	33066	No
39	GOM_NL__2PRFIN20080627_025807_000000362069_00447_33066_2725.N1	27-JUN-2008 02:58:07	Bright	36.000	79	26Bet Per	2.3100	13100.	72	33066	No
40	GOM_NL__2PRFIN20080627_030912_000000462069_00447_33066_2726.N1	27-JUN-2008 03:09:12	Dark	46.000	94	92Alp Cet	2.5260	3100.0	92	33066	No
41	GOM_NL__2PRFIN20080627_032119_000000392069_00447_33066_2727.N1	27-JUN-2008 03:21:19	Dark	38.500	157	The1Eri	2.9060	9300.0	77	33066	No
42	GOM_NL__2PRFIN20080627_032723_000000442069_00448_33067_2719.N1	27-JUN-2008 03:27:23	Dark	43.500	9	Alp Eri	0.45300	24000.	87	33067	No

43	GOM_NL__2PRFIN20080627_033427_000000322069_00448_33067_2720.N1	27-JUN-2008 03:34:27	Straylight	32.000	63	Bet Gru	2.1500	2800.0	64	33067	No
44	GOM_NL__2PRFIN20080627_033911_000000432069_00448_33067_2721.N1	27-JUN-2008 03:39:11	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	33067	No
45	GOM_NL__2PRFIN20080627_034631_000000392069_00448_33067_2722.N1	27-JUN-2008 03:46:31	Tw_i_and_stray	38.500	40	The Sco	1.8590	7100.0	77	33067	No
46	GOM_NL__2PRFIN20080627_034811_000000392069_00448_33067_2723.N1	27-JUN-2008 03:48:11	Tw_i_and_stray	39.000	25	35Lam Sco	1.6200	28000.	78	33067	No
47	GOM_NL__2PRFIN20080627_034934_000000442069_00448_33067_2724.N1	27-JUN-2008 03:49:34	Bright	44.000	116	19Del Sgr	2.7000	4100.0	88	33067	No
48	GOM_NL__2PRFIN20080627_035048_000000432069_00448_33067_2725.N1	27-JUN-2008 03:50:48	Bright	42.500	137	22Lam Sgr	2.8240	4400.0	85	33067	No
49	GOM_NL__2PRFIN20080627_035427_000000372069_00448_33067_2726.N1	27-JUN-2008 03:54:27	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	33067	No
50	GOM_NL__2PRFIN20080627_040015_000000382069_00448_33067_2727.N1	27-JUN-2008 04:00:15	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	33067	No
51	GOM_NL__2PRFIN20080627_040237_000000382069_00448_33067_2728.N1	27-JUN-2008 04:02:37	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	33067	No
52	GOM_NL__2PRFIN20080627_040509_000000372069_00448_33067_2729.N1	27-JUN-2008 04:05:09	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	33067	No
53	GOM_NL__2PRFIN20080627_040757_000000352069_00448_33067_2730.N1	27-JUN-2008 04:07:57	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	33067	No
54	GOM_NL__2PRFIN20080627_041409_000000382069_00448_33067_2731.N1	27-JUN-2008 04:14:09	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	33067	No
55	GOM_NL__2PRFIN20080627_041622_000000342069_00448_33067_2732.N1	27-JUN-2008 04:16:22	Bright	33.500	119	14Eta Dra	2.7270	4700.0	67	33067	No
56	GOM_NL__2PRFIN20080627_042437_000000362069_00448_33067_2733.N1	27-JUN-2008 04:24:37	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33067	No
57	GOM_NL__2PRFIN20080627_043202_000000442069_00448_33067_2734.N1	27-JUN-2008 04:32:02	Bright	44.000	110	37Del Cas	2.6780	8900.0	88	33067	No
58	GOM_NL__2PRFIN20080627_043456_000000392069_00448_33067_2735.N1	27-JUN-2008 04:34:56	Bright	39.000	160	23Gam Per	2.9300	4700.0	78	33067	No
59	GOM_NL__2PRFIN20080627_043634_000000342069_00448_33067_2736.N1	27-JUN-2008 04:36:34	Bright	34.000	175	39Del Per	3.0100	19400.	68	33067	No
60	GOM_NL__2PRFIN20080627_043843_000000412069_00448_33067_2737.N1	27-JUN-2008 04:38:43	Bright	40.500	79	26Bet Per	2.3100	13100.	81	33067	No
61	GOM_NL__2PRFIN20080627_044948_000000412069_00448_33067_2738.N1	27-JUN-2008 04:49:48	Dark	40.500	94	92Alp Cet	2.5260	3100.0	81	33067	No
62	GOM_NL__2PRFIN20080627_050156_000000382069_00448_33067_2739.N1	27-JUN-2008 05:01:56	Dark	38.000	157	The1Eri	2.9060	9300.0	76	33067	No
63	GOM_NL__2PRFIN20080627_050759_000000532069_00449_33068_2759.N1	27-JUN-2008 05:07:59	Dark	52.500	9	Alp Eri	0.45300	24000.	105	33068	No
64	GOM_NL__2PRFIN20080627_051504_000000312069_00449_33068_2760.N1	27-JUN-2008 05:15:04	Straylight	31.000	63	Bet Gru	2.1500	2800.0	62	33068	No
65	GOM_NL__2PRFIN20080627_051947_000000422069_00449_33068_2761.N1	27-JUN-2008 05:19:47	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	33068	No
66	GOM_NL__2PRFIN20080627_052707_000000392069_00449_33068_2762.N1	27-JUN-2008 05:27:07	Tw_i_and_stray	39.000	40	The Sco	1.8590	7100.0	78	33068	No
67	GOM_NL__2PRFIN20080627_052848_000000412069_00449_33068_2763.N1	27-JUN-2008 05:28:48	Tw_i_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	33068	No
68	GOM_NL__2PRFIN20080627_053011_000000442069_00449_33068_2764.N1	27-JUN-2008 05:30:11	Bright	43.500	116	19Del Sgr	2.7000	4100.0	87	33068	No
69	GOM_NL__2PRFIN20080627_053124_000000582069_00449_33068_2765.N1	27-JUN-2008 05:31:24	Bright	58.000	137	22Lam Sgr	2.8240	4400.0	116	33068	No
70	GOM_NL__2PRFIN20080627_053503_000000372069_00449_33068_2766.N1	27-JUN-2008 05:35:03	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33068	No
71	GOM_NL__2PRFIN20080627_054051_000000382069_00449_33068_2767.N1	27-JUN-2008 05:40:51	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	33068	No
72	GOM_NL__2PRFIN20080627_054313_000000382069_00449_33068_2768.N1	27-JUN-2008 05:43:13	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	33068	No
73	GOM_NL__2PRFIN20080627_054545_000000352069_00449_33068_2769.N1	27-JUN-2008 05:45:45	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	33068	No
74	GOM_NL__2PRFIN20080627_054833_000000362069_00449_33068_2770.N1	27-JUN-2008 05:48:33	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	33068	No
75	GOM_NL__2PRFIN20080627_055445_000000392069_00449_33068_2771.N1	27-JUN-2008 05:54:45	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	33068	No
76	GOM_NL__2PRFIN20080627_055658_000000362069_00449_33068_2772.N1	27-JUN-2008 05:56:58	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	33068	No
77	GOM_NL__2PRFIN20080627_060513_000000322069_00449_33068_2773.N1	27-JUN-2008 06:05:13	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	33068	No
78	GOM_NL__2PRFIN20080627_061238_000000402069_00449_33068_2774.N1	27-JUN-2008 06:12:38	Bright	40.000	110	37Del Cas	2.6780	8900.0	80	33068	No
79	GOM_NL__2PRFIN20080627_061531_000000542069_00449_33068_2775.N1	27-JUN-2008 06:15:31	Bright	53.500	160	23Gam Per	2.9300	4700.0	107	33068	No
80	GOM_NL__2PRFIN20080627_061710_000000332069_00449_33068_2776.N1	27-JUN-2008 06:17:10	Bright	32.500	175	39Del Per	3.0100	19400.	65	33068	No
81	GOM_NL__2PRFIN20080627_061919_000000382069_00449_33068_2777.N1	27-JUN-2008 06:19:19	Bright	37.500	79	26Bet Per	2.3100	13100.	75	33068	No
82	GOM_NL__2PRFIN20080627_063025_000000472069_00449_33068_2778.N1	27-JUN-2008 06:30:25	Dark	46.500	94	92Alp Cet	2.5260	3100.0	93	33068	No
83	GOM_NL__2PRFIN20080627_064232_000000402069_00449_33068_2779.N1	27-JUN-2008 06:42:32	Dark	39.500	157	The1Eri	2.9060	9300.0	79	33068	No
84	GOM_NL__2PRFIN20080627_064836_000000392069_00450_33069_2785.N1	27-JUN-2008 06:48:36	Dark	39.000	9	Alp Eri	0.45300	24000.	78	33069	No
85	GOM_NL__2PRFIN20080627_065541_000000312069_00450_33069_2786.N1	27-JUN-2008 06:55:41	Straylight	31.000	63	Bet Gru	2.1500	2800.0	62	33069	No
86	GOM_NL__2PRFIN20080627_070024_000000422069_00450_33069_2787.N1	27-JUN-2008 07:00:24	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	33069	No
87	GOM_NL__2PRFIN20080627_070743_000000442069_00450_33069_2788.N1	27-JUN-2008 07:07:43	Tw_i_and_stray	44.000	40	The Sco	1.8590	7100.0	88	33069	No
88	GOM_NL__2PRFIN20080627_070924_000000402069_00450_33069_2789.N1	27-JUN-2008 07:09:24	Tw_i_and_stray	40.000	25	35Lam Sco	1.6200	28000.	80	33069	No
89	GOM_NL__2PRFIN20080627_071047_000000562069_00450_33069_2790.N1	27-JUN-2008 07:10:47	Bright	56.000	116	19Del Sgr	2.7000	4100.0	112	33069	No
90	GOM_NL__2PRFIN20080627_071200_000000432069_00450_33069_2791.N1	27-JUN-2008 07:12:00	Bright	43.000	137	22Lam Sgr	2.8240	4400.0	86	33069	No
91	GOM_NL__2PRFIN20080627_071539_000000372069_00450_33069_2792.N1	27-JUN-2008 07:15:39	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33069	No
92	GOM_NL__2PRFIN20080627_072127_000000382069_00450_33069_2793.N1	27-JUN-2008 07:21:27	Bright	38.000	126	60Bet Oph	2.7700	4250.0	76	33069	No
93	GOM_NL__2PRFIN20080627_072348_000000362069_00450_33069_2794.N1	27-JUN-2008 07:23:48	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	33069	No
94	GOM_NL__2PRFIN20080627_072621_000000382069_00450_33069_2795.N1	27-JUN-2008 07:26:21	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	33069	No
95	GOM_NL__2PRFIN20080627_072909_000000362069_00450_33069_2796.N1	27-JUN-2008 07:29:09	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	33069	No
96	GOM_NL__2PRFIN20080627_073521_000000392069_00450_33069_2797.N1	27-JUN-2008 07:35:21	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	33069	No
97	GOM_NL__2PRFIN20080627_073734_000000362069_00450_33069_2798.N1	27-JUN-2008 07:37:34	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	33069	No
98	GOM_NL__2PRFIN20080627_074549_000000352069_00450_33069_2799.N1	27-JUN-2008 07:45:49	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	33069	No
99	GOM_NL__2PRFIN20080627_075314_000000612069_00450_33069_2800.N1	27-JUN-2008 07:53:14	Bright	61.000	110	37Del Cas	2.6780	8900.0	122	33069	No
100	GOM_NL__2PRFIN20080627_075607_000000382069_00450_33069_2801.N1	27-JUN-2008 07:56:07	Bright	37.500	160	23Gam Per	2.9300	4700.0	75	33069	No
101	GOM_NL__2PRFIN20080627_075746_000000332069_00450_33069_2802.N1	27-JUN-2008 07:57:46	Bright	33.000	175	39Del Per	3.0100	19400.	66	33069	No

102	GOM_NL__2PRFIN20080627_075955_000000422069_00450_33069_2803.N1	27-JUN-2008 07:59:55	Bright	41.500	79	26Bet Per	2.3100	13100.	83	33069	No
103	GOM_NL__2PRFIN20080627_081101_000000422069_00450_33069_2804.N1	27-JUN-2008 08:11:01	Dark	41.500	94	92Alp Cet	2.5260	3100.0	83	33069	No
104	GOM_NL__2PRFIN20080627_082308_000000402069_00450_33069_2805.N1	27-JUN-2008 08:23:08	Dark	39.500	157	The1Eri	2.9060	9300.0	79	33069	No
105	GOM_NL__2PRFIN20080627_082912_000000472069_00451_33070_2784.N1	27-JUN-2008 08:29:12	Dark	47.000	9	Alp Eri	0.45300	24000.	94	33070	No
106	GOM_NL__2PRFIN20080627_083618_000000302069_00451_33070_2785.N1	27-JUN-2008 08:36:18	Straylight	30.000	63	Bet Gru	2.1500	2800.0	60	33070	No
107	GOM_NL__2PRFIN20080627_084100_000000422069_00451_33070_2786.N1	27-JUN-2008 08:41:00	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	33070	No
108	GOM_NL__2PRFIN20080627_084820_000000392069_00451_33070_2787.N1	27-JUN-2008 08:48:20	Tw_i_and_stray	38.500	40	The Sco	1.8590	7100.0	77	33070	No
109	GOM_NL__2PRFIN20080627_085000_000000402069_00451_33070_2788.N1	27-JUN-2008 08:50:00	Tw_i_and_stray	39.500	25	35Lam Sco	1.6200	28000.	79	33070	No
110	GOM_NL__2PRFIN20080627_085123_000000492069_00451_33070_2789.N1	27-JUN-2008 08:51:23	Bright	48.500	116	19Del Sgr	2.7000	4100.0	97	33070	No
111	GOM_NL__2PRFIN20080627_085237_000000442069_00451_33070_2790.N1	27-JUN-2008 08:52:37	Bright	44.000	137	22Lam Sgr	2.8240	4400.0	88	33070	No
112	GOM_NL__2PRFIN20080627_085615_000000362069_00451_33070_2791.N1	27-JUN-2008 08:56:15	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33070	No
113	GOM_NL__2PRFIN20080627_090203_000000382069_00451_33070_2792.N1	27-JUN-2008 09:02:03	Bright	38.000	126	60Bet Oph	2.7700	4250.0	76	33070	No
114	GOM_NL__2PRFIN20080627_090424_000000372069_00451_33070_2793.N1	27-JUN-2008 09:04:24	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	33070	No
115	GOM_NL__2PRFIN20080627_090657_000000362069_00451_33070_2794.N1	27-JUN-2008 09:06:57	Bright	35.500	127	27Bet Her	2.7810	4700.0	71	33070	No
116	GOM_NL__2PRFIN20080627_090945_000000362069_00451_33070_2795.N1	27-JUN-2008 09:09:45	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	33070	No
117	GOM_NL__2PRFIN20080627_091557_000000382069_00451_33070_2796.N1	27-JUN-2008 09:15:57	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	33070	No
118	GOM_NL__2PRFIN20080627_091810_000000362069_00451_33070_2797.N1	27-JUN-2008 09:18:10	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33070	No
119	GOM_NL__2PRFIN20080627_092625_000000362069_00451_33070_2798.N1	27-JUN-2008 09:26:25	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33070	No
120	GOM_NL__2PRFIN20080627_093349_000000392069_00451_33070_2799.N1	27-JUN-2008 09:33:49	Bright	39.000	110	37Del Cas	2.6780	8900.0	78	33070	No
121	GOM_NL__2PRFIN20080627_093643_000000492069_00451_33070_2800.N1	27-JUN-2008 09:36:43	Bright	49.000	160	23Gam Per	2.9300	4700.0	98	33070	No
122	GOM_NL__2PRFIN20080627_093822_000000532069_00451_33070_2801.N1	27-JUN-2008 09:38:22	Bright	53.000	175	39Del Per	3.0100	19400.	106	33070	No
123	GOM_NL__2PRFIN20080627_094031_000000422069_00451_33070_2802.N1	27-JUN-2008 09:40:31	Bright	42.000	79	26Bet Per	2.3100	13100.	84	33070	No
124	GOM_NL__2PRFIN20080627_095137_000000382069_00451_33070_2803.N1	27-JUN-2008 09:51:37	Dark	38.000	94	92Alp Cet	2.5260	3100.0	76	33070	No
125	GOM_NL__2PRFIN20080627_100345_000000392069_00451_33070_2804.N1	27-JUN-2008 10:03:45	Dark	39.000	157	The1Eri	2.9060	9300.0	78	33070	No
126	GOM_NL__2PRFIN20080627_100948_000000452069_00452_33071_2805.N1	27-JUN-2008 10:09:48	Dark	44.500	9	Alp Eri	0.45300	24000.	89	33071	No
127	GOM_NL__2PRFIN20080627_101655_000000302069_00452_33071_2806.N1	27-JUN-2008 10:16:55	Straylight	30.000	63	Bet Gru	2.1500	2800.0	60	33071	No
128	GOM_NL__2PRFIN20080627_102137_000000432069_00452_33071_2807.N1	27-JUN-2008 10:21:37	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	33071	No
129	GOM_NL__2PRFIN20080627_102856_000000422069_00452_33071_2808.N1	27-JUN-2008 10:28:56	Tw_i_and_stray	42.000	40	The Sco	1.8590	7100.0	84	33071	No
130	GOM_NL__2PRFIN20080627_103036_000000442069_00452_33071_2809.N1	27-JUN-2008 10:30:36	Tw_i_and_stray	43.500	25	35Lam Sco	1.6200	28000.	87	33071	No
131	GOM_NL__2PRFIN20080627_103159_000000512069_00452_33071_2810.N1	27-JUN-2008 10:31:59	Bright	51.000	116	19Del Sgr	2.7000	4100.0	102	33071	No
132	GOM_NL__2PRFIN20080627_103313_000000442069_00452_33071_2811.N1	27-JUN-2008 10:33:13	Bright	44.000	137	22Lam Sgr	2.8240	4400.0	88	33071	No
133	GOM_NL__2PRFIN20080627_103651_000000362069_00452_33071_2812.N1	27-JUN-2008 10:36:51	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33071	No
134	GOM_NL__2PRFIN20080627_104239_000000382069_00452_33071_2813.N1	27-JUN-2008 10:42:39	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	33071	No
135	GOM_NL__2PRFIN20080627_104500_000000372069_00452_33071_2814.N1	27-JUN-2008 10:45:00	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	33071	No
136	GOM_NL__2PRFIN20080627_104733_000000382069_00452_33071_2815.N1	27-JUN-2008 10:47:33	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	33071	No
137	GOM_NL__2PRFIN20080627_105021_000000362069_00452_33071_2816.N1	27-JUN-2008 10:50:21	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	33071	No
138	GOM_NL__2PRFIN20080627_105632_000000382069_00452_33071_2817.N1	27-JUN-2008 10:56:32	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	33071	No
139	GOM_NL__2PRFIN20080627_105846_000000362069_00452_33071_2818.N1	27-JUN-2008 10:58:46	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33071	No
140	GOM_NL__2PRFIN20080627_110700_000000362069_00452_33071_2819.N1	27-JUN-2008 11:07:00	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33071	No
141	GOM_NL__2PRFIN20080627_111425_000000412069_00452_33071_2820.N1	27-JUN-2008 11:14:25	Bright	40.500	110	37Del Cas	2.6780	8900.0	81	33071	No
142	GOM_NL__2PRFIN20080627_111719_000000532069_00452_33071_2821.N1	27-JUN-2008 11:17:19	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	33071	No
143	GOM_NL__2PRFIN20080627_111858_000000532069_00452_33071_2822.N1	27-JUN-2008 11:18:58	Bright	53.000	175	39Del Per	3.0100	19400.	106	33071	No
144	GOM_NL__2PRFIN20080627_112107_000000382069_00452_33071_2823.N1	27-JUN-2008 11:21:07	Bright	37.500	79	26Bet Per	2.3100	13100.	75	33071	No
145	GOM_NL__2PRFIN20080627_113214_000000462069_00452_33071_2824.N1	27-JUN-2008 11:32:14	Dark	46.000	94	92Alp Cet	2.5260	3100.0	92	33071	No
146	GOM_NL__2PRFIN20080627_114421_000000372069_00452_33071_2825.N1	27-JUN-2008 11:44:21	Dark	37.000	157	The1Eri	2.9060	9300.0	74	33071	No
147	GOM_NL__2PRFIN20080627_115025_000000502069_00453_33072_2812.N1	27-JUN-2008 11:50:25	Dark	50.000	9	Alp Eri	0.45300	24000.	100	33072	No
148	GOM_NL__2PRFIN20080627_115732_000000292069_00453_33072_2813.N1	27-JUN-2008 11:57:32	Straylight	29.000	63	Bet Gru	2.1500	2800.0	58	33072	No
149	GOM_NL__2PRFIN20080627_120213_000000432069_00453_33072_2814.N1	27-JUN-2008 12:02:13	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	33072	No
150	GOM_NL__2PRFIN20080627_120932_000000412069_00453_33072_2815.N1	27-JUN-2008 12:09:32	Tw_i_and_stray	40.500	40	The Sco	1.8590	7100.0	81	33072	No
151	GOM_NL__2PRFIN20080627_121112_000000402069_00453_33072_2816.N1	27-JUN-2008 12:11:12	Tw_i_and_stray	39.500	25	35Lam Sco	1.6200	28000.	79	33072	No
152	GOM_NL__2PRFIN20080627_121235_000000472069_00453_33072_2817.N1	27-JUN-2008 12:12:35	Bright	47.000	116	19Del Sgr	2.7000	4100.0	94	33072	No
153	GOM_NL__2PRFIN20080627_121349_000000422069_00453_33072_2818.N1	27-JUN-2008 12:13:49	Bright	41.500	137	22Lam Sgr	2.8240	4400.0	83	33072	No
154	GOM_NL__2PRFIN20080627_121727_000000352069_00453_33072_2819.N1	27-JUN-2008 12:17:27	Bright	34.500	86	35Eta Oph	2.4300	10200.	69	33072	No
155	GOM_NL__2PRFIN20080627_122314_000000382069_00453_33072_2820.N1	27-JUN-2008 12:23:14	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	33072	No
156	GOM_NL__2PRFIN20080627_122536_000000362069_00453_33072_2821.N1	27-JUN-2008 12:25:36	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	33072	No
157	GOM_NL__2PRFIN20080627_122809_000000372069_00453_33072_2822.N1	27-JUN-2008 12:28:09	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	33072	No
158	GOM_NL__2PRFIN20080627_123057_000000352069_00453_33072_2823.N1	27-JUN-2008 12:30:57	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	33072	No
159	GOM_NL__2PRFIN20080627_123708_000000392069_00453_33072_2824.N1	27-JUN-2008 12:37:08	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	33072	No
160	GOM_NL__2PRFIN20080627_123922_000000402069_00453_33072_2825.N1	27-JUN-2008 12:39:22	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	33072	No

161	GOM_NL__2PRFIN20080627_124736_000000372069_00453_33072_2826.N1	27-JUN-2008 12:47:36	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33072	No
162	GOM_NL__2PRFIN20080627_125501_000000532069_00453_33072_2827.N1	27-JUN-2008 12:55:01	Bright	52.500	110	37Del Cas	2.6780	8900.0	105	33072	No
163	GOM_NL__2PRFIN20080627_125755_000000362069_00453_33072_2828.N1	27-JUN-2008 12:57:55	Bright	35.500	160	23Gam Per	2.9300	4700.0	71	33072	No
164	GOM_NL__2PRFIN20080627_125934_000000332069_00453_33072_2829.N1	27-JUN-2008 12:59:34	Bright	33.000	175	39Del Per	3.0100	19400.	66	33072	No
165	GOM_NL__2PRFIN20080627_130143_000000392069_00453_33072_2830.N1	27-JUN-2008 13:01:43	Bright	39.000	79	26Bet Per	2.3100	13100.	78	33072	No
166	GOM_NL__2PRFIN20080627_131250_000000462069_00453_33072_2831.N1	27-JUN-2008 13:12:50	Dark	45.500	94	92Alp Cet	2.5260	3100.0	91	33072	No
167	GOM_NL__2PRFIN20080627_132457_000000382069_00453_33072_2832.N1	27-JUN-2008 13:24:57	Dark	37.500	157	The1Eri	2.9060	9300.0	75	33072	No
168	GOM_NL__2PRFIN20080627_133101_000000402069_00454_33073_2845.N1	27-JUN-2008 13:31:01	Dark	39.500	9	Alp Eri	0.45300	24000.	79	33073	No
169	GOM_NL__2PRFIN20080627_133809_000000292069_00454_33073_2846.N1	27-JUN-2008 13:38:09	Straylight	29.000	63	Bet Gru	2.1500	2800.0	58	33073	No
170	GOM_NL__2PRFIN20080627_134249_000000422069_00454_33073_2847.N1	27-JUN-2008 13:42:49	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	33073	No
171	GOM_NL__2PRFIN20080627_135008_000000392069_00454_33073_2848.N1	27-JUN-2008 13:50:08	Tw_i_and_stray	39.000	40	The Sco	1.8590	7100.0	78	33073	No
172	GOM_NL__2PRFIN20080627_135148_000000402069_00454_33073_2849.N1	27-JUN-2008 13:51:48	Tw_i_and_stray	40.000	25	35Lam Sco	1.6200	28000.	80	33073	No
173	GOM_NL__2PRFIN20080627_135311_000000502069_00454_33073_2850.N1	27-JUN-2008 13:53:11	Bright	49.500	116	19Del Sgr	2.7000	4100.0	99	33073	No
174	GOM_NL__2PRFIN20080627_135425_000000432069_00454_33073_2851.N1	27-JUN-2008 13:54:25	Bright	42.500	137	22Lam Sgr	2.8240	4400.0	85	33073	No
175	GOM_NL__2PRFIN20080627_135803_000000362069_00454_33073_2852.N1	27-JUN-2008 13:58:03	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33073	No
176	GOM_NL__2PRFIN20080627_140350_000000382069_00454_33073_2853.N1	27-JUN-2008 14:03:50	Bright	38.000	126	60Bet Oph	2.7700	4250.0	76	33073	No
177	GOM_NL__2PRFIN20080627_140612_000000402069_00454_33073_2854.N1	27-JUN-2008 14:06:12	Bright	39.500	59	55Alp Oph	2.0800	8900.0	79	33073	No
178	GOM_NL__2PRFIN20080627_140845_000000352069_00454_33073_2855.N1	27-JUN-2008 14:08:45	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	33073	No
179	GOM_NL__2PRFIN20080627_141133_000000372069_00454_33073_2856.N1	27-JUN-2008 14:11:33	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	33073	No
180	GOM_NL__2PRFIN20080627_141744_000000382069_00454_33073_2857.N1	27-JUN-2008 14:17:44	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	33073	No
181	GOM_NL__2PRFIN20080627_141958_000000372069_00454_33073_2858.N1	27-JUN-2008 14:19:58	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	33073	No
182	GOM_NL__2PRFIN20080627_142812_000000352069_00454_33073_2859.N1	27-JUN-2008 14:28:12	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	33073	No
183	GOM_NL__2PRFIN20080627_143536_000000542069_00454_33073_2860.N1	27-JUN-2008 14:35:36	Bright	54.000	110	37Del Cas	2.6780	8900.0	108	33073	No
184	GOM_NL__2PRFIN20080627_143831_000000352069_00454_33073_2861.N1	27-JUN-2008 14:38:31	Bright	34.500	160	23Gam Per	2.9300	4700.0	69	33073	No
185	GOM_NL__2PRFIN20080627_144010_000000332069_00454_33073_2862.N1	27-JUN-2008 14:40:10	Bright	33.000	175	39Del Per	3.0100	19400.	66	33073	No
186	GOM_NL__2PRFIN20080627_144219_000000412069_00454_33073_2863.N1	27-JUN-2008 14:42:19	Bright	40.500	79	26Bet Per	2.3100	13100.	81	33073	No
187	GOM_NL__2PRFIN20080627_145326_000000462069_00454_33073_2864.N1	27-JUN-2008 14:53:26	Dark	46.000	94	92Alp Cet	2.5260	3100.0	92	33073	No
188	GOM_NL__2PRFIN20080627_150534_000000392069_00454_33073_2865.N1	27-JUN-2008 15:05:34	Dark	38.500	157	The1Eri	2.9060	9300.0	77	33073	No
189	GOM_NL__2PRFIN20080627_151138_000000482069_00455_33074_2864.N1	27-JUN-2008 15:11:38	Dark	47.500	9	Alp Eri	0.45300	24000.	95	33074	No
190	GOM_NL__2PRFIN20080627_151846_000000292069_00455_33074_2865.N1	27-JUN-2008 15:18:46	Straylight	29.000	63	Bet Gru	2.1500	2800.0	58	33074	No
191	GOM_NL__2PRFIN20080627_152326_000000402069_00455_33074_2866.N1	27-JUN-2008 15:23:26	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33074	No
192	GOM_NL__2PRFIN20080627_153044_000000412069_00455_33074_2867.N1	27-JUN-2008 15:30:44	Tw_i_and_stray	41.000	40	The Sco	1.8590	7100.0	82	33074	No
193	GOM_NL__2PRFIN20080627_153224_000000412069_00455_33074_2868.N1	27-JUN-2008 15:32:24	Tw_i_and_stray	40.500	25	35Lam Sco	1.6200	28000.	81	33074	No
194	GOM_NL__2PRFIN20080627_153348_000000552069_00455_33074_2869.N1	27-JUN-2008 15:33:48	Bright	54.500	116	19Del Sgr	2.7000	4100.0	109	33074	No
195	GOM_NL__2PRFIN20080627_153839_000000372069_00455_33074_2870.N1	27-JUN-2008 15:38:39	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33074	No
196	GOM_NL__2PRFIN20080627_154426_000000392069_00455_33074_2871.N1	27-JUN-2008 15:44:26	Bright	38.500	126	60Bet Oph	2.7700	4250.0	77	33074	No
197	GOM_NL__2PRFIN20080627_154647_000000382069_00455_33074_2872.N1	27-JUN-2008 15:46:47	Bright	38.000	59	55Alp Oph	2.0800	8900.0	76	33074	No
198	GOM_NL__2PRFIN20080627_154921_000000372069_00455_33074_2873.N1	27-JUN-2008 15:49:21	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	33074	No
199	GOM_NL__2PRFIN20080627_155209_000000372069_00455_33074_2874.N1	27-JUN-2008 15:52:09	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	33074	No
200	GOM_NL__2PRFIN20080627_155819_000000362069_00455_33074_2875.N1	27-JUN-2008 15:58:19	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	33074	No
201	GOM_NL__2PRFIN20080627_160034_000000332069_00455_33074_2876.N1	27-JUN-2008 16:00:34	Bright	33.000	119	14Eta Dra	2.7270	4700.0	66	33074	No
202	GOM_NL__2PRFIN20080627_160848_000000362069_00455_33074_2877.N1	27-JUN-2008 16:08:48	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33074	No
203	GOM_NL__2PRFIN20080627_161612_000000612069_00455_33074_2878.N1	27-JUN-2008 16:16:12	Bright	61.000	110	37Del Cas	2.6780	8900.0	122	33074	No
204	GOM_NL__2PRFIN20080627_161907_000000552069_00455_33074_2879.N1	27-JUN-2008 16:19:07	Bright	55.000	160	23Gam Per	2.9300	4700.0	110	33074	No
205	GOM_NL__2PRFIN20080627_162046_000000332069_00455_33074_2880.N1	27-JUN-2008 16:20:46	Bright	33.000	175	39Del Per	3.0100	19400.	66	33074	No
206	GOM_NL__2PRFIN20080627_162255_000000372069_00455_33074_2881.N1	27-JUN-2008 16:22:55	Bright	37.000	79	26Bet Per	2.3100	13100.	74	33074	No
207	GOM_NL__2PRFIN20080627_163402_000000462069_00455_33074_2882.N1	27-JUN-2008 16:34:02	Dark	45.500	94	92Alp Cet	2.5260	3100.0	91	33074	No
208	GOM_NL__2PRFIN20080627_164610_000000392069_00455_33074_2883.N1	27-JUN-2008 16:46:10	Dark	39.000	157	The1Eri	2.9060	9300.0	78	33074	No
209	GOM_NL__2PRFIN20080627_165214_000000472069_00456_33075_2863.N1	27-JUN-2008 16:52:14	Dark	47.000	9	Alp Eri	0.45300	24000.	94	33075	No
210	GOM_NL__2PRFIN20080627_165923_000000292069_00456_33075_2864.N1	27-JUN-2008 16:59:23	Straylight	29.000	63	Bet Gru	2.1500	2800.0	58	33075	No
211	GOM_NL__2PRFIN20080627_170402_000000412069_00456_33075_2865.N1	27-JUN-2008 17:04:02	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	33075	No
212	GOM_NL__2PRFIN20080627_171120_000000432069_00456_33075_2866.N1	27-JUN-2008 17:11:20	Tw_i_and_stray	43.000	40	The Sco	1.8590	7100.0	86	33075	No
213	GOM_NL__2PRFIN20080627_171301_000000412069_00456_33075_2867.N1	27-JUN-2008 17:13:01	Tw_i_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	33075	No
214	GOM_NL__2PRFIN20080627_171424_000000542069_00456_33075_2868.N1	27-JUN-2008 17:14:24	Bright	54.000	116	19Del Sgr	2.7000	4100.0	108	33075	No
215	GOM_NL__2PRFIN20080627_171915_000000372069_00456_33075_2869.N1	27-JUN-2008 17:19:15	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33075	No
216	GOM_NL__2PRFIN20080627_172502_000000382069_00456_33075_2870.N1	27-JUN-2008 17:25:02	Bright	38.000	126	60Bet Oph	2.7700	4250.0	76	33075	No
217	GOM_NL__2PRFIN20080627_172723_000000382069_00456_33075_2871.N1	27-JUN-2008 17:27:23	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	33075	No
218	GOM_NL__2PRFIN20080627_172957_000000352069_00456_33075_2872.N1	27-JUN-2008 17:29:57	Bright	35.000	127	27Bet Her	2.7810	4700.0	70	33075	No
219	GOM_NL__2PRFIN20080627_173245_000000352069_00456_33075_2873.N1	27-JUN-2008 17:32:45	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	33075	No

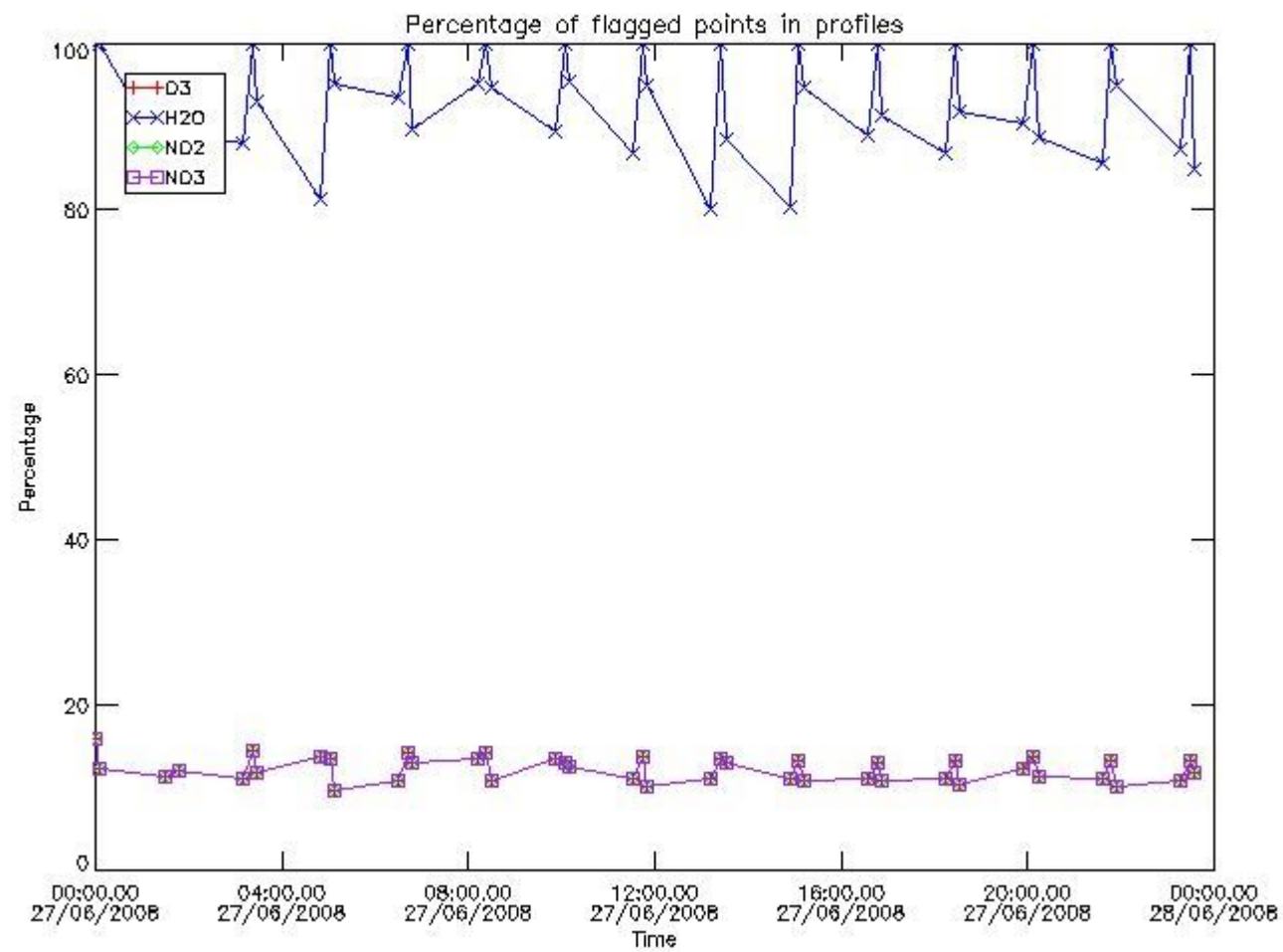
220	GOM_NL__2PRFIN20080627_173855_000000392069_00456_33075_2874.N1	27-JUN-2008 17:38:55	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	33075	No
221	GOM_NL__2PRFIN20080627_174110_000000362069_00456_33075_2875.N1	27-JUN-2008 17:41:10	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33075	No
222	GOM_NL__2PRFIN20080627_174924_000000372069_00456_33075_2876.N1	27-JUN-2008 17:49:24	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33075	No
223	GOM_NL__2PRFIN20080627_175648_000000492069_00456_33075_2877.N1	27-JUN-2008 17:56:48	Bright	48.500	110	37Del Cas	2.6780	8900.0	97	33075	No
224	GOM_NL__2PRFIN20080627_175943_000000362069_00456_33075_2878.N1	27-JUN-2008 17:59:43	Bright	35.500	160	23Gam Per	2.9300	4700.0	71	33075	No
225	GOM_NL__2PRFIN20080627_180122_000000332069_00456_33075_2879.N1	27-JUN-2008 18:01:22	Bright	32.500	175	39Del Per	3.0100	19400.	65	33075	No
226	GOM_NL__2PRFIN20080627_180331_000000552069_00456_33075_2880.N1	27-JUN-2008 18:03:31	Bright	55.000	79	26Bet Per	2.3100	13100.	110	33075	No
227	GOM_NL__2PRFIN20080627_181439_000000462069_00456_33075_2881.N1	27-JUN-2008 18:14:39	Dark	46.000	94	92Alp Cet	2.5260	3100.0	92	33075	No
228	GOM_NL__2PRFIN20080627_182646_000000392069_00456_33075_2882.N1	27-JUN-2008 18:26:46	Dark	38.500	157	The1Eri	2.9060	9300.0	77	33075	No
229	GOM_NL__2PRFIN20080627_183250_000000502069_00457_33076_2868.N1	27-JUN-2008 18:32:50	Dark	49.500	9	Alp Eri	0.45300	24000.	99	33076	No
230	GOM_NL__2PRFIN20080627_184000_000000282069_00457_33076_2869.N1	27-JUN-2008 18:40:00	Straylight	28.000	63	Bet Gru	2.1500	2800.0	56	33076	No
231	GOM_NL__2PRFIN20080627_184439_000000402069_00457_33076_2870.N1	27-JUN-2008 18:44:39	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	33076	No
232	GOM_NL__2PRFIN20080627_185157_000000432069_00457_33076_2871.N1	27-JUN-2008 18:51:57	Tw_i_and_stray	43.000	40	The Sco	1.8590	7100.0	86	33076	No
233	GOM_NL__2PRFIN20080627_185337_000000402069_00457_33076_2872.N1	27-JUN-2008 18:53:37	Tw_i_and_stray	40.000	25	35Lam Sco	1.6200	28000.	80	33076	No
234	GOM_NL__2PRFIN20080627_185500_000000562069_00457_33076_2873.N1	27-JUN-2008 18:55:00	Bright	56.000	116	19Del Sgr	2.7000	4100.0	112	33076	No
235	GOM_NL__2PRFIN20080627_185951_000000372069_00457_33076_2874.N1	27-JUN-2008 18:59:51	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	33076	No
236	GOM_NL__2PRFIN20080627_190538_000000372069_00457_33076_2875.N1	27-JUN-2008 19:05:38	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	33076	No
237	GOM_NL__2PRFIN20080627_190759_000000382069_00457_33076_2876.N1	27-JUN-2008 19:07:59	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	33076	No
238	GOM_NL__2PRFIN20080627_191033_000000372069_00457_33076_2877.N1	27-JUN-2008 19:10:33	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	33076	No
239	GOM_NL__2PRFIN20080627_191321_000000352069_00457_33076_2878.N1	27-JUN-2008 19:13:21	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	33076	No
240	GOM_NL__2PRFIN20080627_191931_000000392069_00457_33076_2879.N1	27-JUN-2008 19:19:31	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	33076	No
241	GOM_NL__2PRFIN20080627_192146_000000362069_00457_33076_2880.N1	27-JUN-2008 19:21:46	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	33076	No
242	GOM_NL__2PRFIN20080627_193000_000000372069_00457_33076_2881.N1	27-JUN-2008 19:30:00	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33076	No
243	GOM_NL__2PRFIN20080627_193723_000000392069_00457_33076_2882.N1	27-JUN-2008 19:37:23	Bright	39.000	110	37Del Cas	2.6780	8900.0	78	33076	No
244	GOM_NL__2PRFIN20080627_194019_000000452069_00457_33076_2883.N1	27-JUN-2008 19:40:19	Bright	45.000	160	23Gam Per	2.9300	4700.0	90	33076	No
245	GOM_NL__2PRFIN20080627_194158_000000332069_00457_33076_2884.N1	27-JUN-2008 19:41:58	Bright	33.000	175	39Del Per	3.0100	19400.	66	33076	No
246	GOM_NL__2PRFIN20080627_194407_000000382069_00457_33076_2885.N1	27-JUN-2008 19:44:07	Bright	37.500	79	26Bet Per	2.3100	13100.	75	33076	No
247	GOM_NL__2PRFIN20080627_195515_000000422069_00457_33076_2886.N1	27-JUN-2008 19:55:15	Dark	41.500	94	92Alp Cet	2.5260	3100.0	83	33076	No
248	GOM_NL__2PRFIN20080627_200723_000000372069_00457_33076_2887.N1	27-JUN-2008 20:07:23	Dark	37.000	157	The1Eri	2.9060	9300.0	74	33076	No
249	GOM_NL__2PRFIN20080627_201327_000000452069_00458_33077_2884.N1	27-JUN-2008 20:13:27	Dark	45.000	9	Alp Eri	0.45300	24000.	90	33077	No
250	GOM_NL__2PRFIN20080627_202037_000000282069_00458_33077_2885.N1	27-JUN-2008 20:20:37	Straylight	28.000	63	Bet Gru	2.1500	2800.0	56	33077	No
251	GOM_NL__2PRFIN20080627_202515_000000402069_00458_33077_2886.N1	27-JUN-2008 20:25:15	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	33077	No
252	GOM_NL__2PRFIN20080627_203233_000000422069_00458_33077_2887.N1	27-JUN-2008 20:32:33	Tw_i_and_stray	42.000	40	The Sco	1.8590	7100.0	84	33077	No
253	GOM_NL__2PRFIN20080627_203413_000000432069_00458_33077_2888.N1	27-JUN-2008 20:34:13	Tw_i_and_stray	43.000	25	35Lam Sco	1.6200	28000.	86	33077	No
254	GOM_NL__2PRFIN20080627_203536_000000442069_00458_33077_2889.N1	27-JUN-2008 20:35:36	Bright	43.500	116	19Del Sgr	2.7000	4100.0	87	33077	No
255	GOM_NL__2PRFIN20080627_204027_000000362069_00458_33077_2890.N1	27-JUN-2008 20:40:27	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33077	No
256	GOM_NL__2PRFIN20080627_204614_000000512069_00458_33077_2891.N1	27-JUN-2008 20:46:14	Bright	51.000	126	60Bet Oph	2.7700	4250.0	102	33077	No
257	GOM_NL__2PRFIN20080627_204835_000000382069_00458_33077_2892.N1	27-JUN-2008 20:48:35	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	33077	No
258	GOM_NL__2PRFIN20080627_205109_000000342069_00458_33077_2893.N1	27-JUN-2008 20:51:09	Bright	34.000	127	27Bet Her	2.7810	4700.0	68	33077	No
259	GOM_NL__2PRFIN20080627_205357_000000522069_00458_33077_2894.N1	27-JUN-2008 20:53:57	Bright	52.000	133	40Zet Her	2.8070	6000.0	104	33077	No
260	GOM_NL__2PRFIN20080627_210007_000000342069_00458_33077_2895.N1	27-JUN-2008 21:00:07	Bright	34.000	130	23Bet Dra	2.7990	5800.0	68	33077	No
261	GOM_NL__2PRFIN20080627_210222_000000372069_00458_33077_2896.N1	27-JUN-2008 21:02:22	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	33077	No
262	GOM_NL__2PRFIN20080627_211036_000000362069_00458_33077_2897.N1	27-JUN-2008 21:10:36	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33077	No
263	GOM_NL__2PRFIN20080627_211759_000000412069_00458_33077_2898.N1	27-JUN-2008 21:17:59	Bright	41.000	110	37Del Cas	2.6780	8900.0	82	33077	No
264	GOM_NL__2PRFIN20080627_212055_000000522069_00458_33077_2899.N1	27-JUN-2008 21:20:55	Bright	52.000	160	23Gam Per	2.9300	4700.0	104	33077	No
265	GOM_NL__2PRFIN20080627_212234_000000332069_00458_33077_2900.N1	27-JUN-2008 21:22:34	Bright	33.000	175	39Del Per	3.0100	19400.	66	33077	No
266	GOM_NL__2PRFIN20080627_212443_000000502069_00458_33077_2901.N1	27-JUN-2008 21:24:43	Bright	49.500	79	26Bet Per	2.3100	13100.	99	33077	No
267	GOM_NL__2PRFIN20080627_213552_000000452069_00458_33077_2902.N1	27-JUN-2008 21:35:52	Dark	45.000	94	92Alp Cet	2.5260	3100.0	90	33077	No
268	GOM_NL__2PRFIN20080627_214759_000000392069_00458_33077_2903.N1	27-JUN-2008 21:47:59	Dark	38.500	157	The1Eri	2.9060	9300.0	77	33077	No
269	GOM_NL__2PRFIN20080627_215403_000000512069_00459_33078_2909.N1	27-JUN-2008 21:54:03	Dark	50.500	9	Alp Eri	0.45300	24000.	101	33078	No
270	GOM_NL__2PRFIN20080627_220114_000000282069_00459_33078_2910.N1	27-JUN-2008 22:01:14	Straylight	28.000	63	Bet Gru	2.1500	2800.0	56	33078	No
271	GOM_NL__2PRFIN20080627_220552_000000412069_00459_33078_2911.N1	27-JUN-2008 22:05:52	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	33078	No
272	GOM_NL__2PRFIN20080627_221309_000000422069_00459_33078_2912.N1	27-JUN-2008 22:13:09	Tw_i_and_stray	41.500	40	The Sco	1.8590	7100.0	83	33078	No
273	GOM_NL__2PRFIN20080627_221449_000000402069_00459_33078_2913.N1	27-JUN-2008 22:14:49	Tw_i_and_stray	40.000	25	35Lam Sco	1.6200	28000.	80	33078	No
274	GOM_NL__2PRFIN20080627_221612_000000442069_00459_33078_2914.N1	27-JUN-2008 22:16:12	Bright	43.500	116	19Del Sgr	2.7000	4100.0	87	33078	No
275	GOM_NL__2PRFIN20080627_222103_000000352069_00459_33078_2915.N1	27-JUN-2008 22:21:03	Bright	34.500	86	35Eta Oph	2.4300	10200.	69	33078	No
276	GOM_NL__2PRFIN20080627_222650_000000382069_00459_33078_2916.N1	27-JUN-2008 22:26:50	Bright	38.000	126	60Bet Oph	2.7700	4250.0	76	33078	No
277	GOM_NL__2PRFIN20080627_222911_000000372069_00459_33078_2917.N1	27-JUN-2008 22:29:11	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	33078	No
278	GOM_NL__2PRFIN20080627_223145_000000372069_00459_33078_2918.N1	27-JUN-2008 22:31:45	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	33078	No

279	GOM_NL__2PRFIN20080627_223433_000000362069_00459_33078_2919.N1	27-JUN-2008 22:34:33	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	33078	No
280	GOM_NL__2PRFIN20080627_224042_000000382069_00459_33078_2920.N1	27-JUN-2008 22:40:42	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	33078	No
281	GOM_NL__2PRFIN20080627_224258_000000372069_00459_33078_2921.N1	27-JUN-2008 22:42:58	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	33078	No
282	GOM_NL__2PRFIN20080627_225112_000000372069_00459_33078_2922.N1	27-JUN-2008 22:51:12	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33078	No
283	GOM_NL__2PRFIN20080627_225835_000000402069_00459_33078_2923.N1	27-JUN-2008 22:58:35	Bright	40.000	110	37Del Cas	2.6780	8900.0	80	33078	No
284	GOM_NL__2PRFIN20080627_230131_000000552069_00459_33078_2924.N1	27-JUN-2008 23:01:31	Bright	55.000	160	23Gam Per	2.9300	4700.0	110	33078	No
285	GOM_NL__2PRFIN20080627_230310_000000332069_00459_33078_2925.N1	27-JUN-2008 23:03:10	Bright	33.000	175	39Del Per	3.0100	19400.	66	33078	No
286	GOM_NL__2PRFIN20080627_230519_000000372069_00459_33078_2926.N1	27-JUN-2008 23:05:19	Bright	36.500	79	26Bet Per	2.3100	13100.	73	33078	No
287	GOM_NL__2PRFIN20080627_231628_000000472069_00459_33078_2927.N1	27-JUN-2008 23:16:28	Dark	47.000	94	92Alp Cet	2.5260	3100.0	94	33078	No
288	GOM_NL__2PRFIN20080627_232835_000000392069_00459_33078_2928.N1	27-JUN-2008 23:28:35	Dark	38.500	157	The1Eri	2.9060	9300.0	77	33078	No
289	GOM_NL__2PRFIN20080627_233439_000000432069_00460_33079_2933.N1	27-JUN-2008 23:34:39	Dark	43.000	9	Alp Eri	0.45300	24000.	86	33079	No

3. Quality information per product

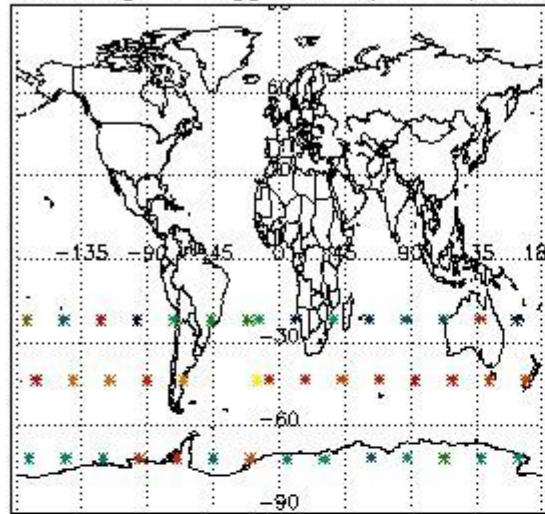
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

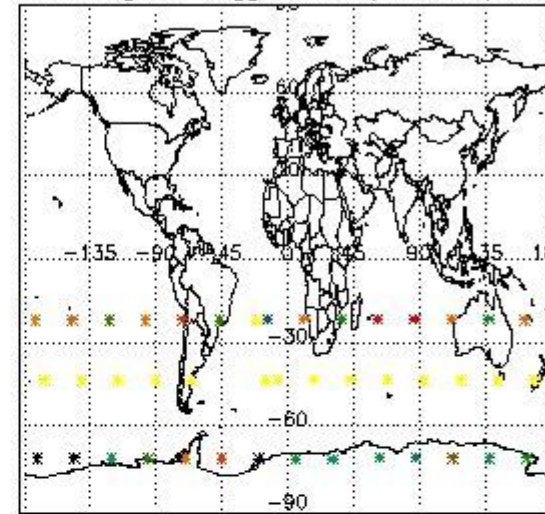


3.2 Plot quality information per product (world map)

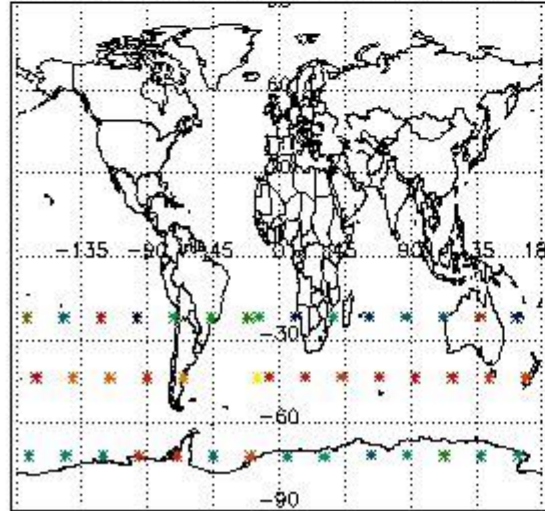
Percentage of flagged data per O3 profile



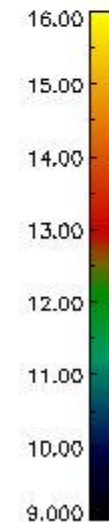
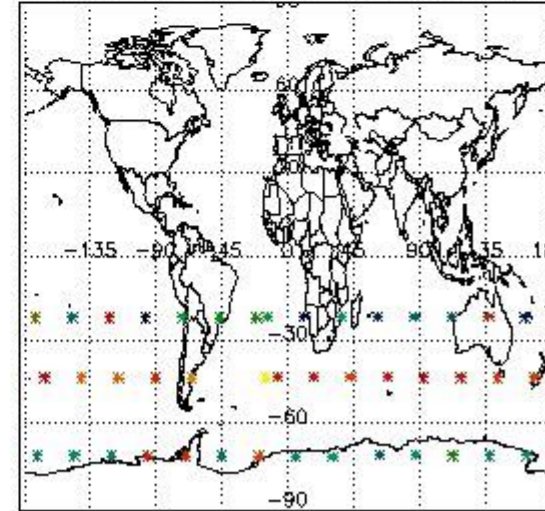
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

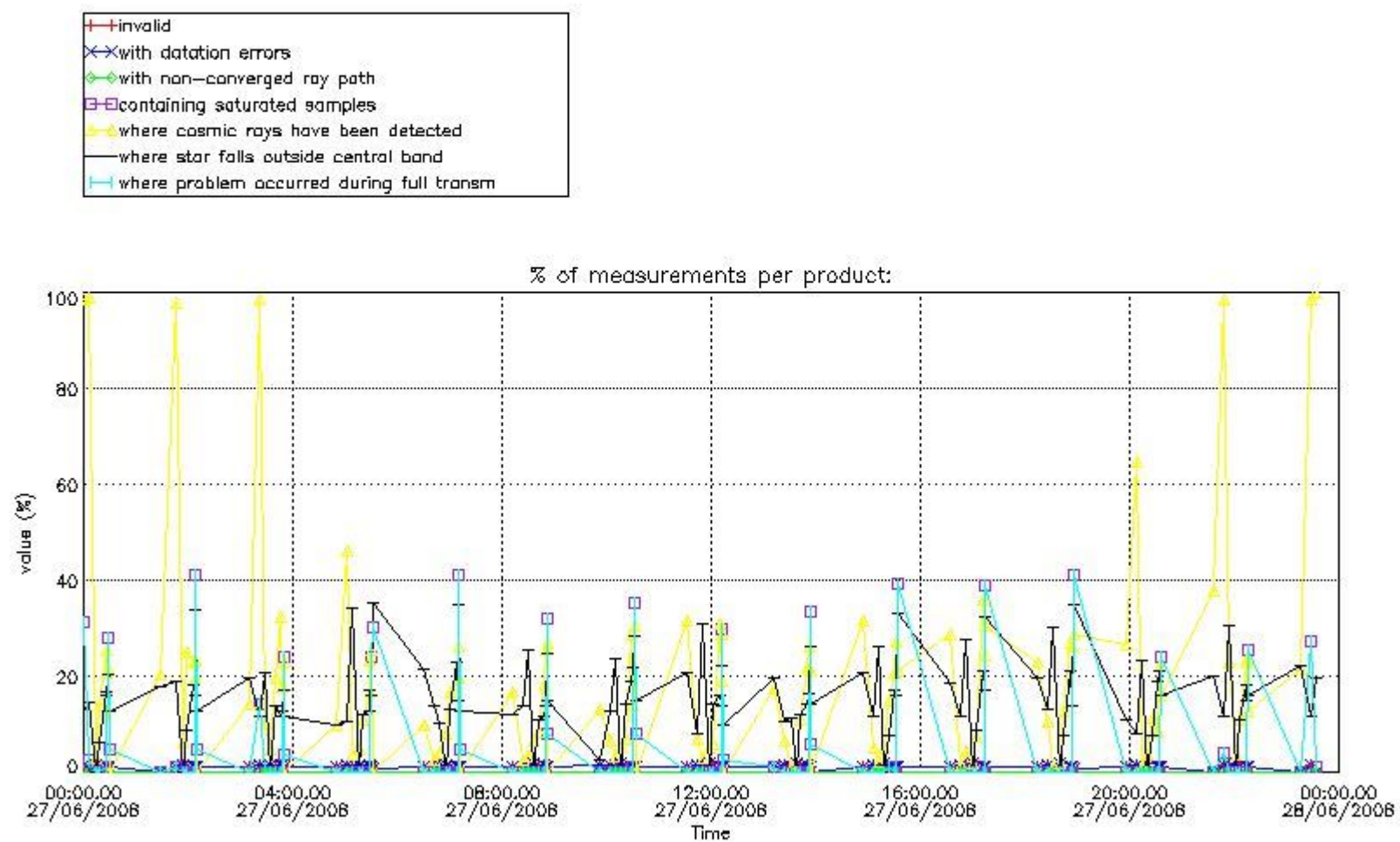


4. Level 1 quality information per product

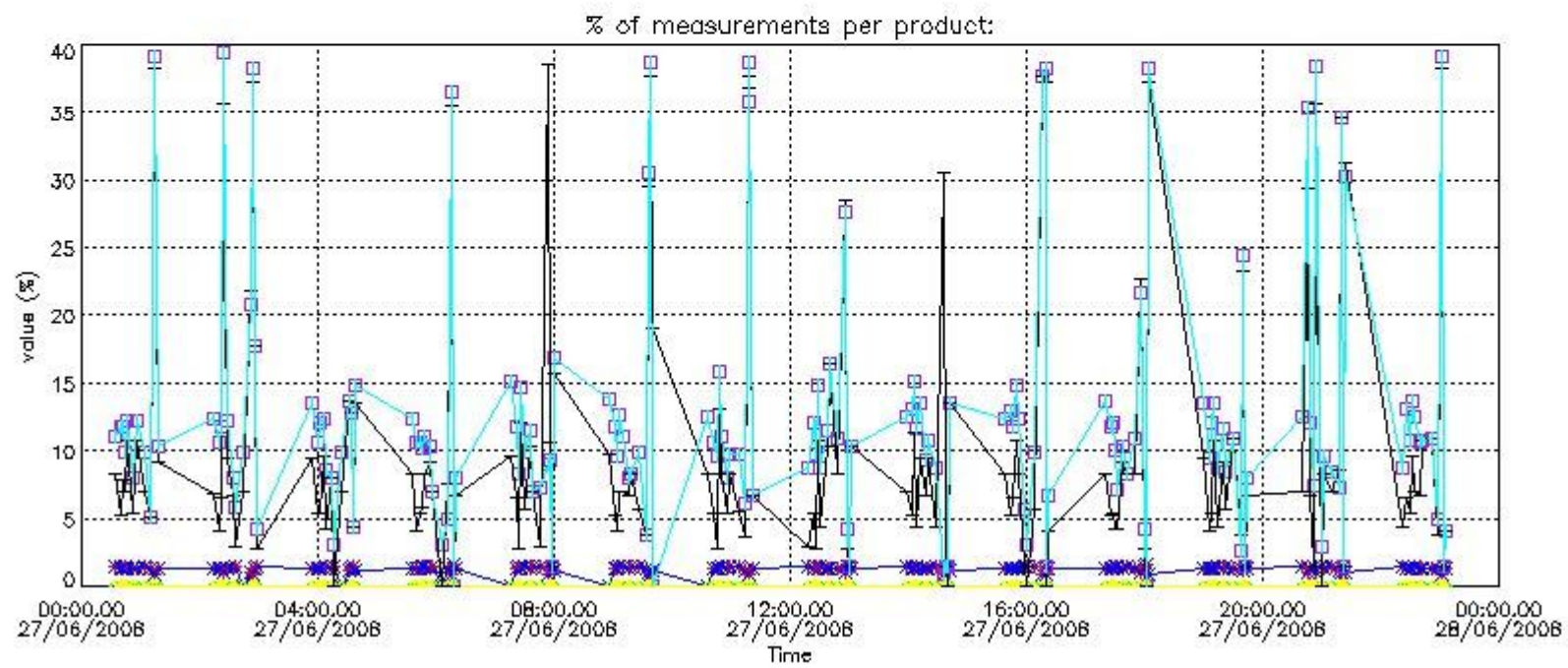
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

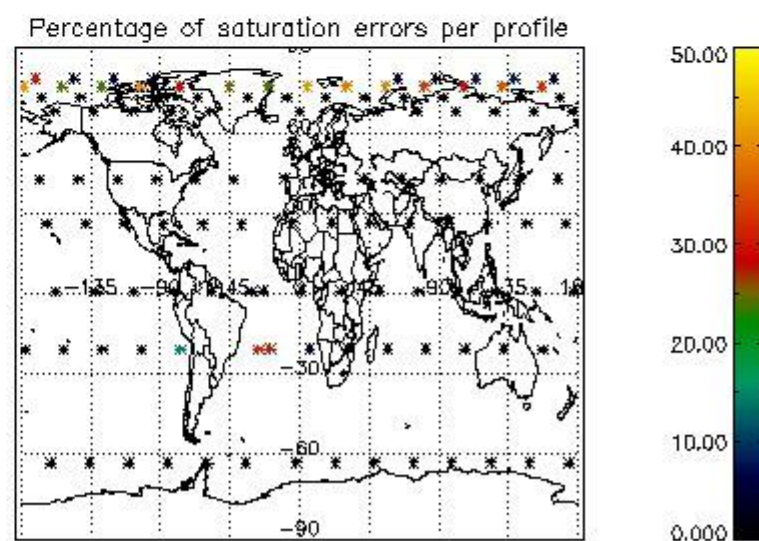
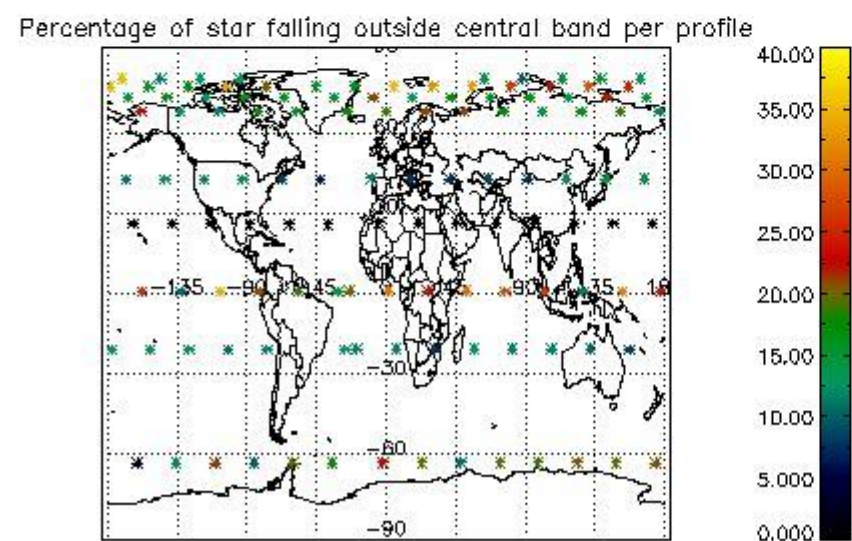
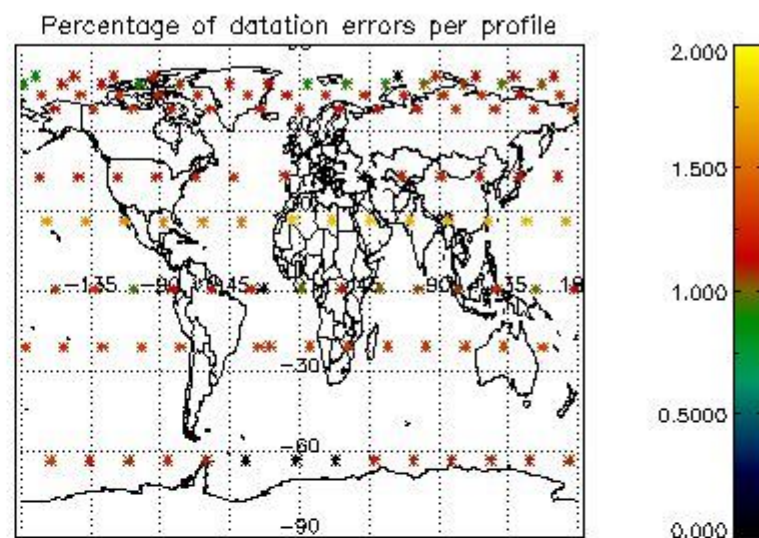
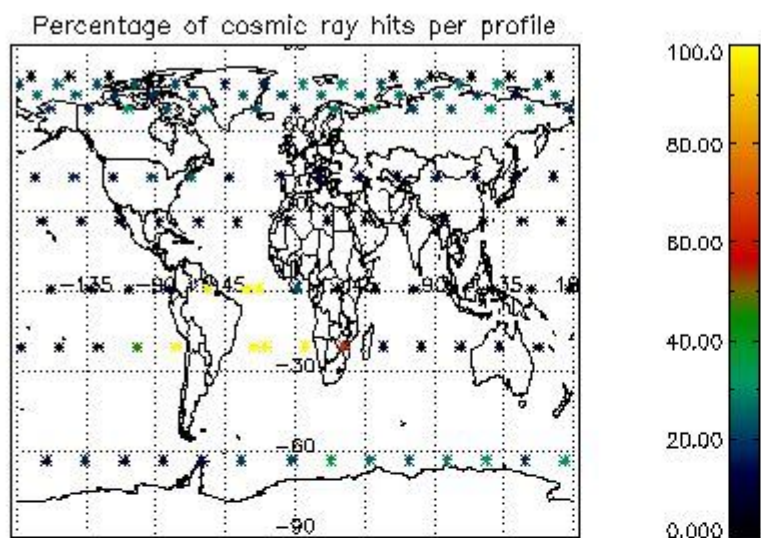


4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes

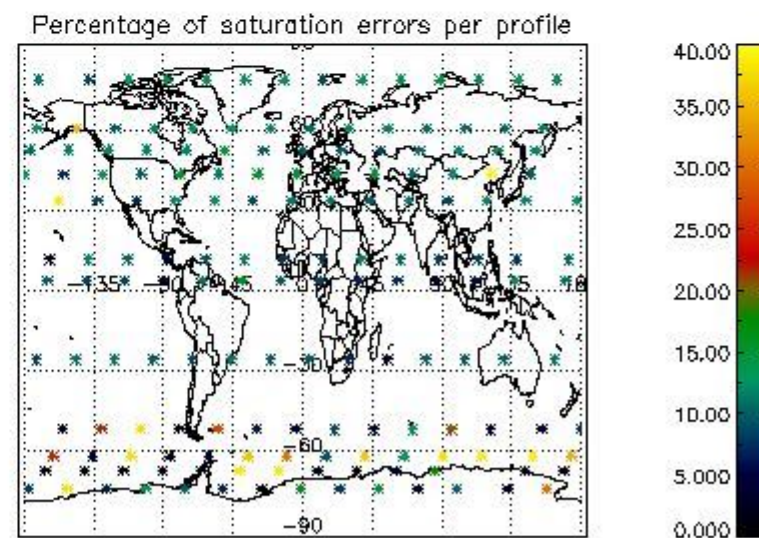
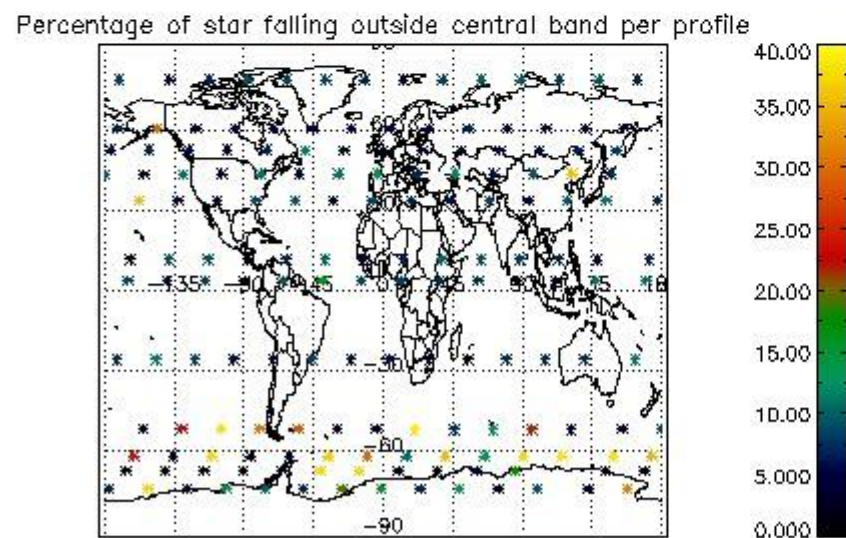
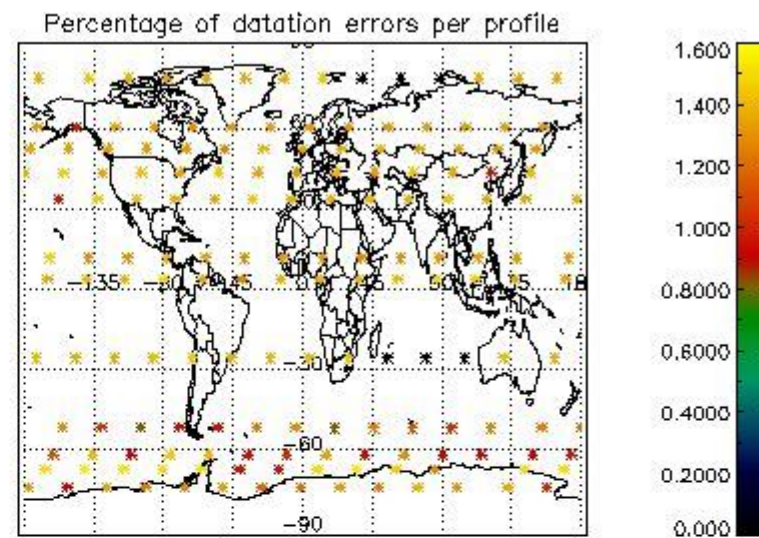
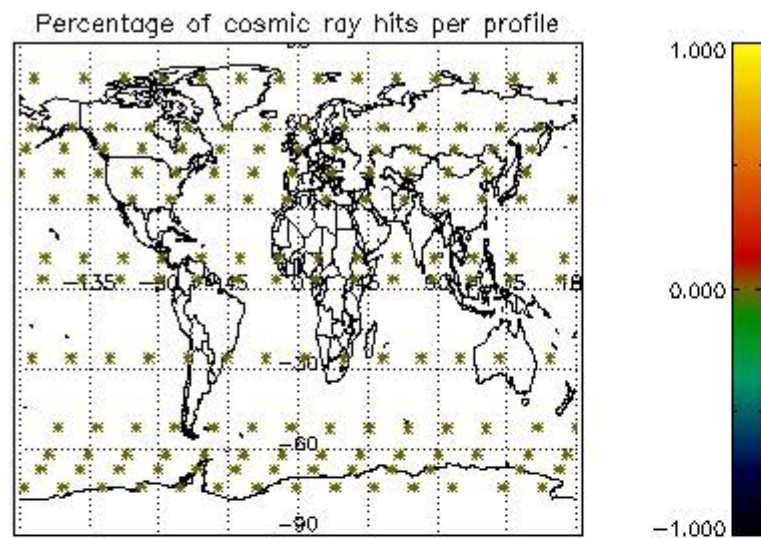


4.2 Plot quality information per product coming from level 1b processing (world map)

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

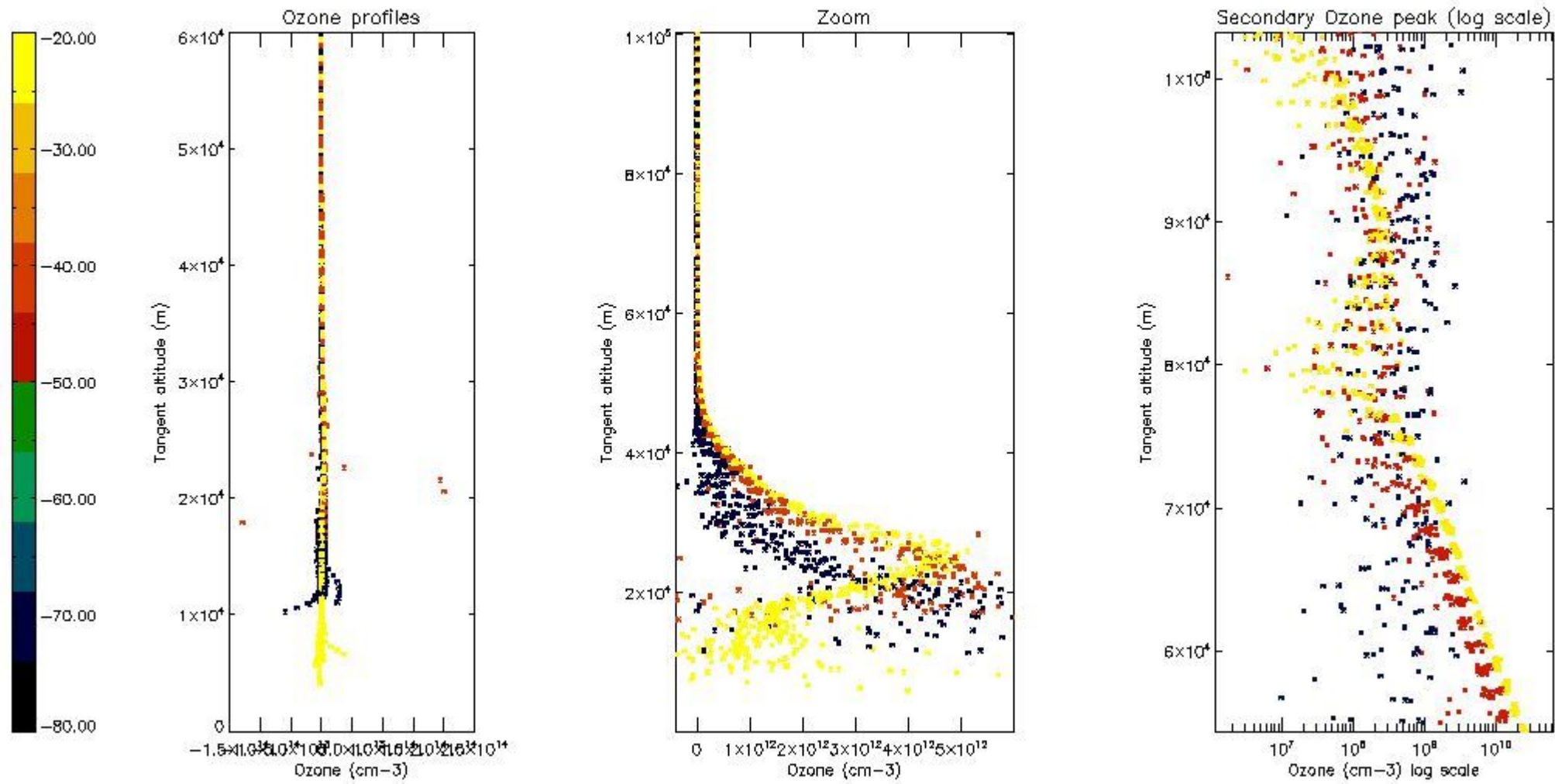
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	17
STD < 20	7

STD < 10	5
STD < 5	3

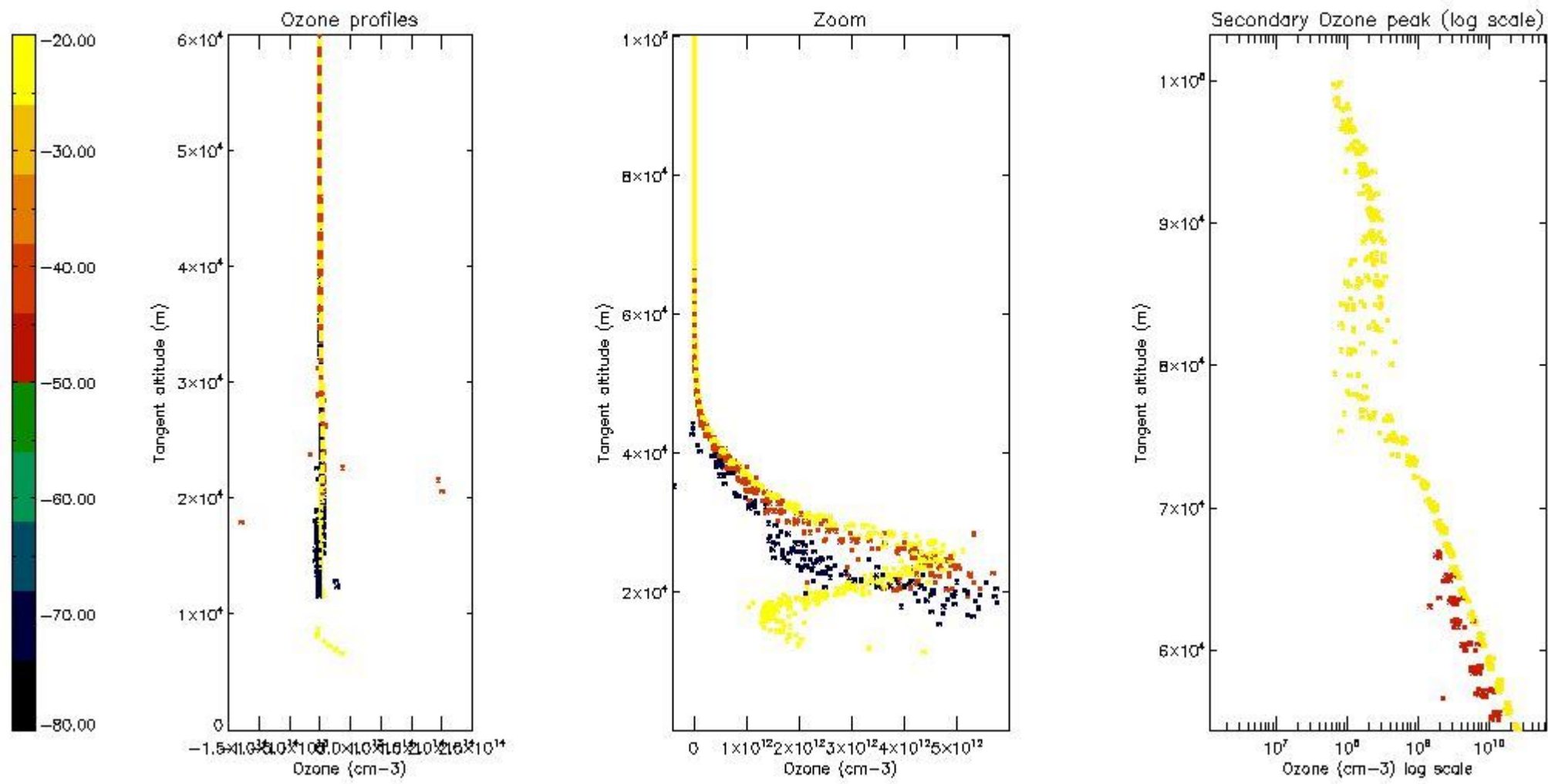
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



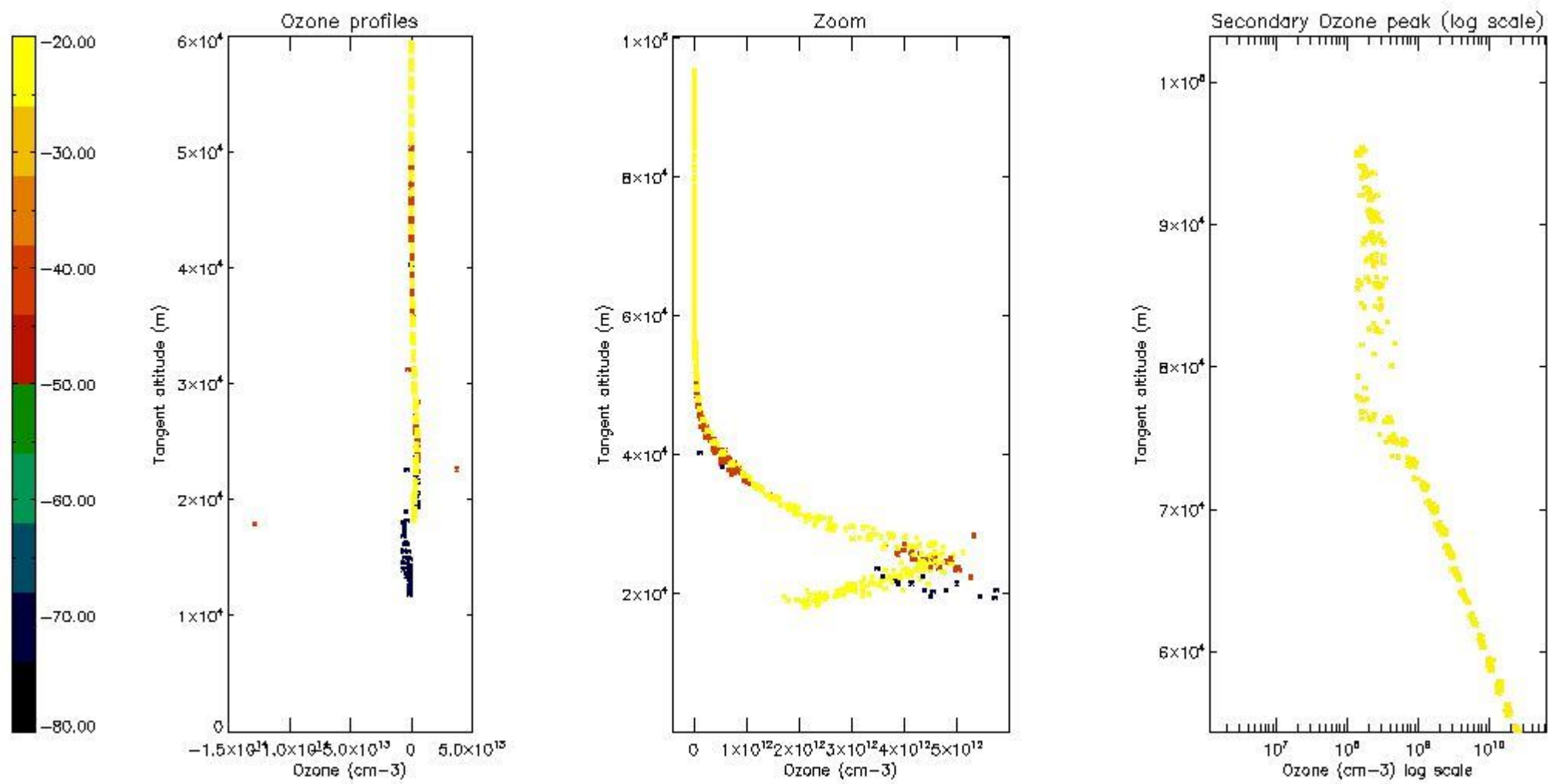
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



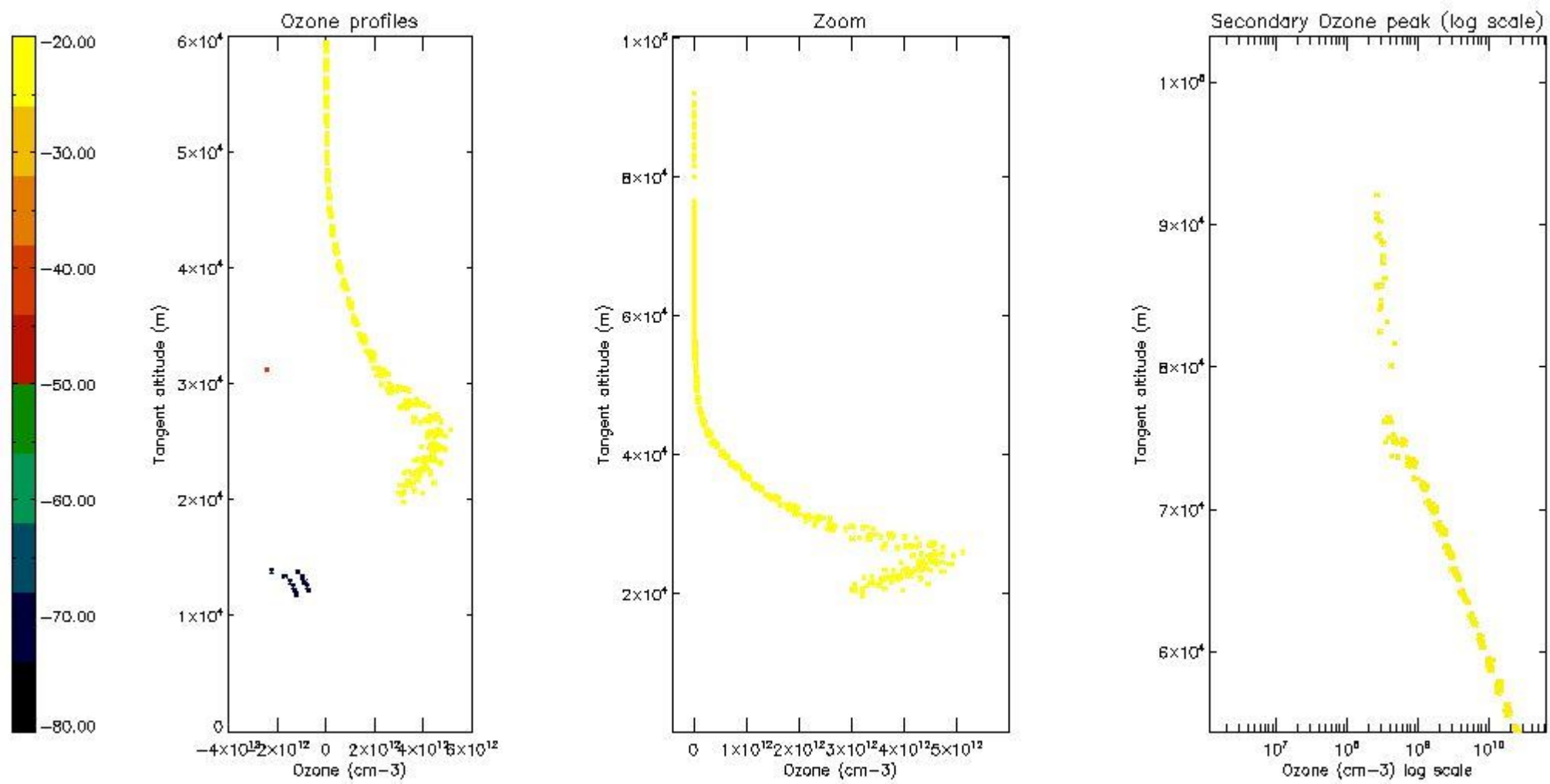
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



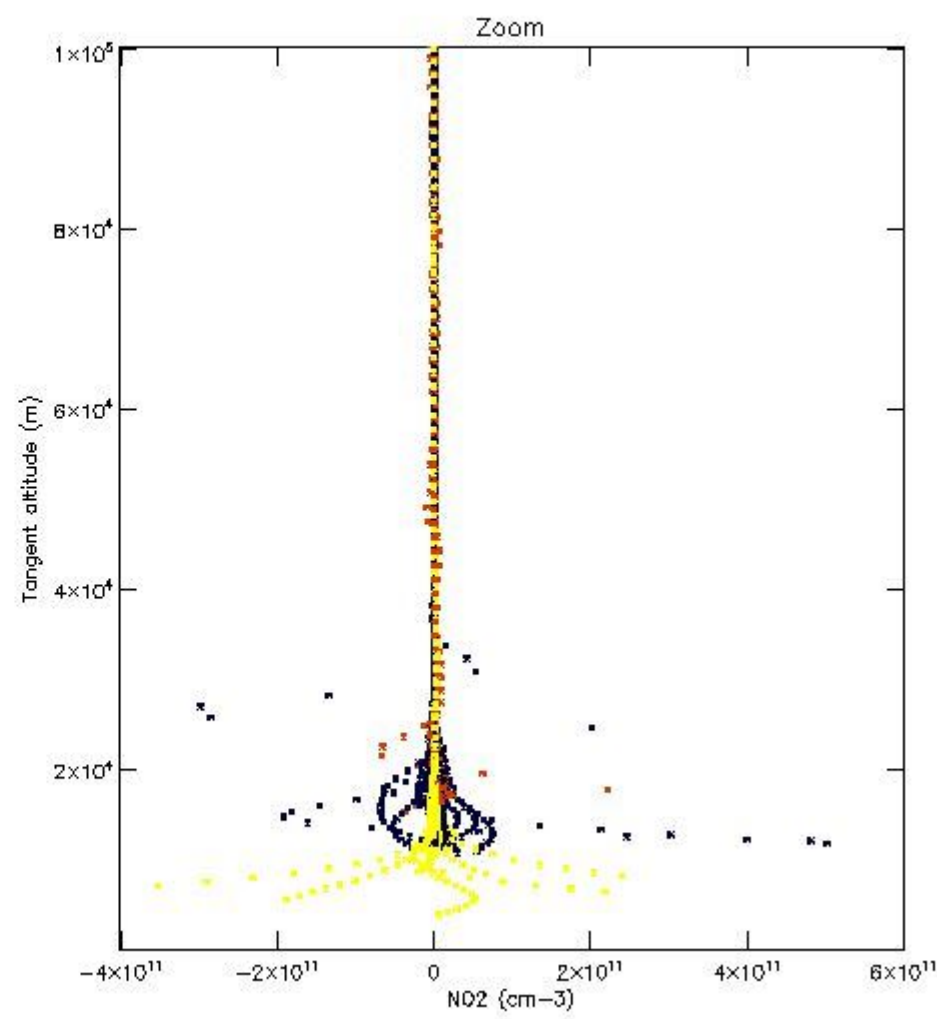
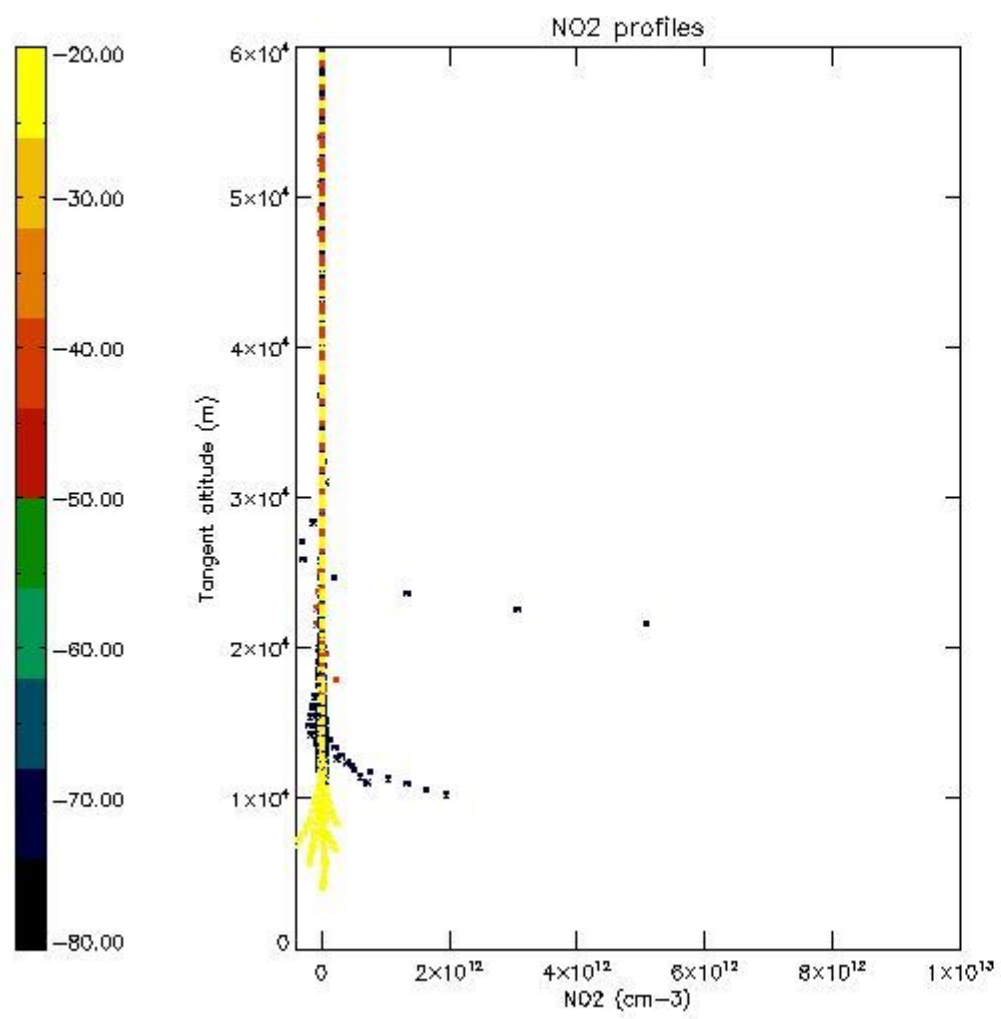
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



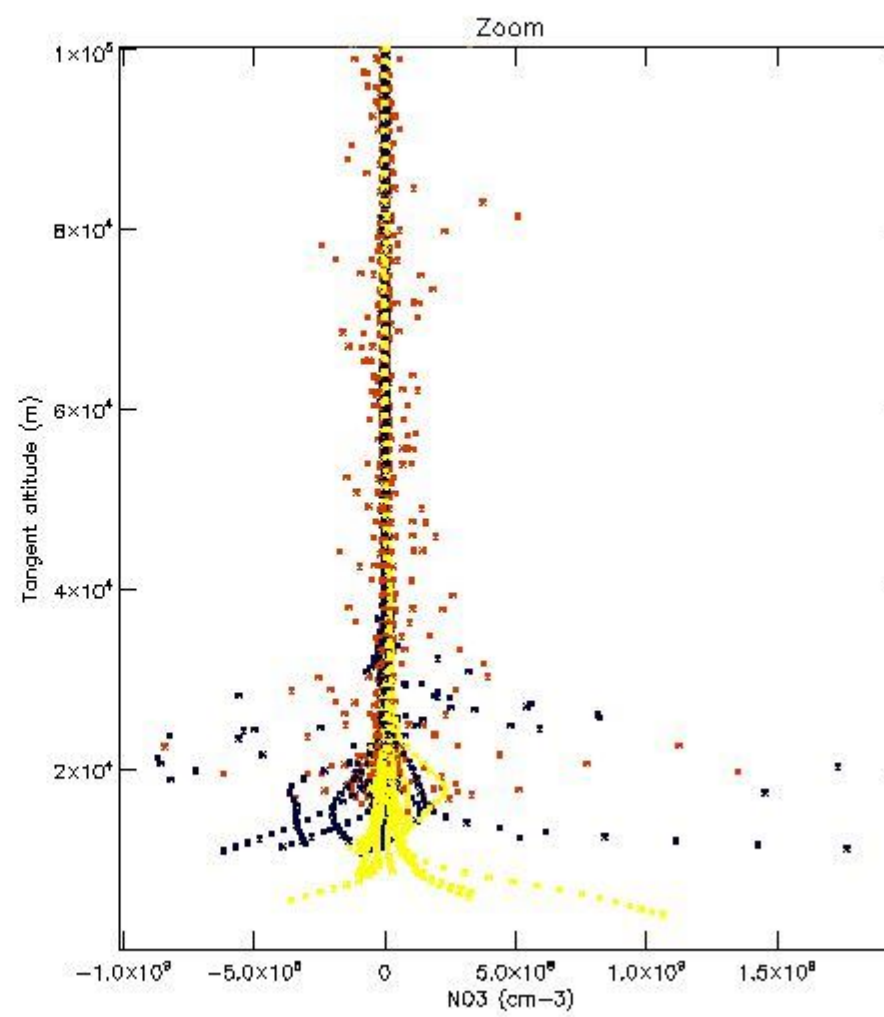
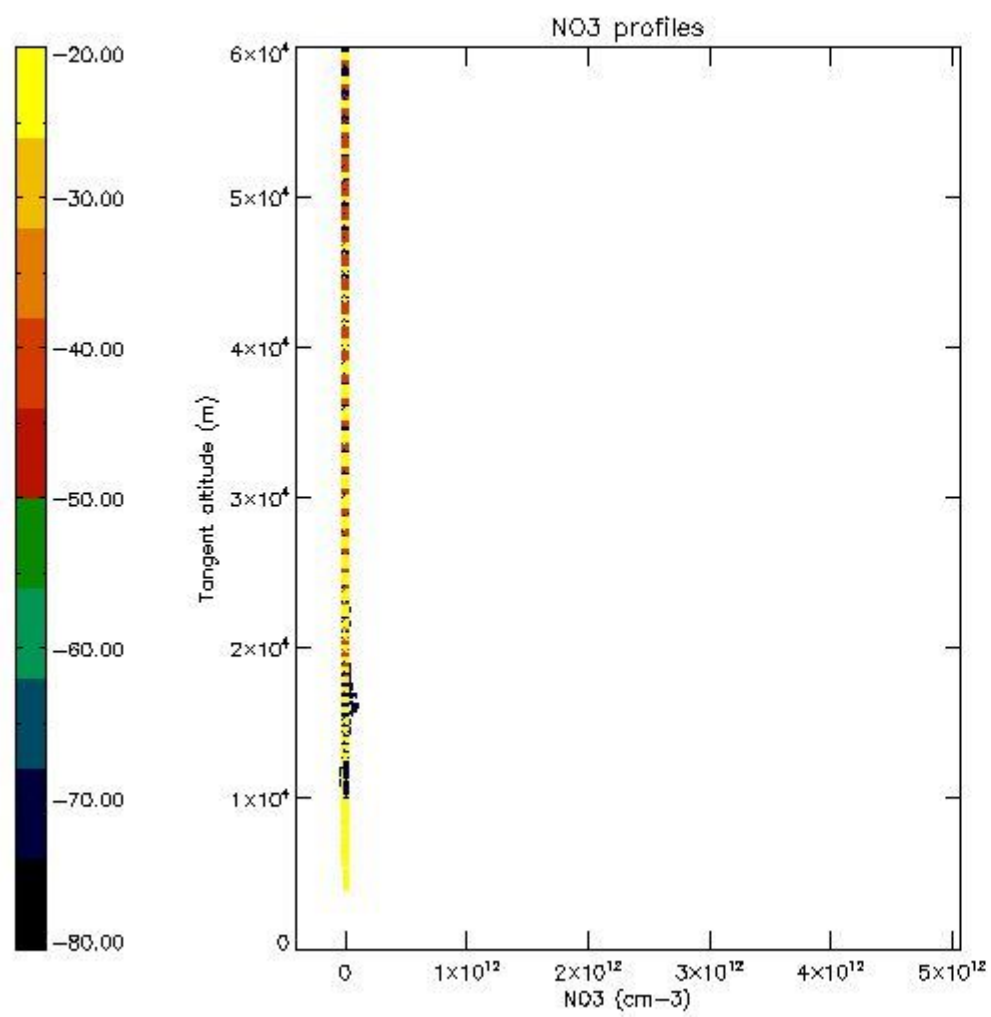
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



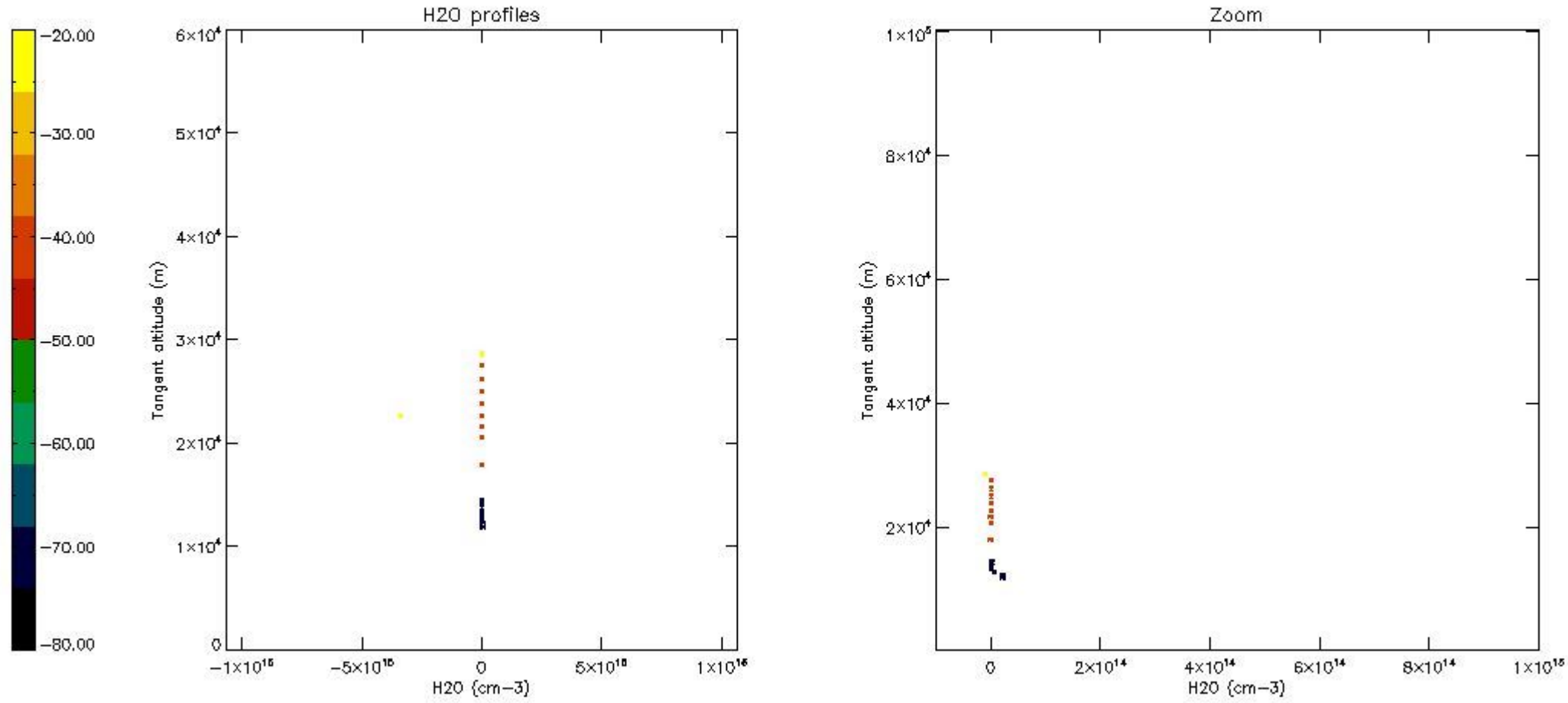
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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	27-JUN-2008 00:00:07
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	27-JUN-2008 00:00:07
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	27-JUN-2008 00:00:07

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	25APR2013 16:43:49
Data source version	GOMOS/6.01
Start time of products	27-06-2008 (27JUN2008 00:00:00)
Stop time of products	28-06-2008 (28JUN2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	289
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__2PRFIN20080627_000007_000000392069_00445_33064_2658.N1	27-JUN-2008 00:00:07	Dark	38.500	157	The1Eri	2.9060	9300.0	77	33064	No
2	GOM_NL__2PRFIN20080627_000610_000000422069_00446_33065_2676.N1	27-JUN-2008 00:06:10	Dark	41.500	9	Alp Eri	0.45300	24000.	83	33065	No
3	GOM_NL__2PRFIN20080627_001313_000000332069_00446_33065_2677.N1	27-JUN-2008 00:13:13	Straylight	33.000	63	Bet Gru	2.1500	2800.0	66	33065	No
4	GOM_NL__2PRFIN20080627_001758_000000402069_00446_33065_2678.N1	27-JUN-2008 00:17:58	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	33065	No
5	GOM_NL__2PRFIN20080627_002519_000000422069_00446_33065_2679.N1	27-JUN-2008 00:25:19	Twilight	41.500	40	The Sco	1.8590	7100.0	83	33065	No
6	GOM_NL__2PRFIN20080627_002659_000000412069_00446_33065_2680.N1	27-JUN-2008 00:26:59	Twilight	41.000	25	35Lam Sco	1.6200	28000.	82	33065	No
7	GOM_NL__2PRFIN20080627_002822_000000472069_00446_33065_2681.N1	27-JUN-2008 00:28:22	Bright	46.500	116	19Del Sgr	2.7000	4100.0	93	33065	No
8	GOM_NL__2PRFIN20080627_002936_000000432069_00446_33065_2682.N1	27-JUN-2008 00:29:36	Bright	43.000	137	22Lam Sgr	2.8240	4400.0	86	33065	No
9	GOM_NL__2PRFIN20080627_003314_000000362069_00446_33065_2683.N1	27-JUN-2008 00:33:14	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33065	No
10	GOM_NL__2PRFIN20080627_003903_000000382069_00446_33065_2684.N1	27-JUN-2008 00:39:03	Bright	38.000	126	60Bet Oph	2.7700	4250.0	76	33065	No
11	GOM_NL__2PRFIN20080627_004125_000000382069_00446_33065_2685.N1	27-JUN-2008 00:41:25	Bright	38.000	59	55Alp Oph	2.0800	8900.0	76	33065	No
12	GOM_NL__2PRFIN20080627_004357_000000362069_00446_33065_2686.N1	27-JUN-2008 00:43:57	Bright	35.500	127	27Bet Her	2.7810	4700.0	71	33065	No
13	GOM_NL__2PRFIN20080627_004645_000000372069_00446_33065_2687.N1	27-JUN-2008 00:46:45	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	33065	No
14	GOM_NL__2PRFIN20080627_005258_000000382069_00446_33065_2688.N1	27-JUN-2008 00:52:58	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	33065	No
15	GOM_NL__2PRFIN20080627_005510_000000372069_00446_33065_2689.N1	27-JUN-2008 00:55:10	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	33065	No
16	GOM_NL__2PRFIN20080627_010325_000000362069_00446_33065_2690.N1	27-JUN-2008 01:03:25	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33065	No
17	GOM_NL__2PRFIN20080627_011051_000000402069_00446_33065_2691.N1	27-JUN-2008 01:10:51	Bright	39.500	110	37Del Cas	2.6780	8900.0	79	33065	No
18	GOM_NL__2PRFIN20080627_011344_000000552069_00446_33065_2692.N1	27-JUN-2008 01:13:44	Bright	55.000	160	23Gam Per	2.9300	4700.0	110	33065	No
19	GOM_NL__2PRFIN20080627_011731_000000392069_00446_33065_2693.N1	27-JUN-2008 01:17:31	Bright	38.500	79	26Bet Per	2.3100	13100.	77	33065	No
20	GOM_NL__2PRFIN20080627_012836_000000452069_00446_33065_2694.N1	27-JUN-2008 01:28:36	Dark	44.500	94	92Alp Cet	2.5260	3100.0	89	33065	No
21	GOM_NL__2PRFIN20080627_014646_000000432069_00447_33066_2707.N1	27-JUN-2008 01:46:46	Dark	42.500	9	Alp Eri	0.45300	24000.	85	33066	No
22	GOM_NL__2PRFIN20080627_015351_000000322069_00447_33066_2708.N1	27-JUN-2008 01:53:51	Straylight	32.000	63	Bet Gru	2.1500	2800.0	64	33066	No
23	GOM_NL__2PRFIN20080627_015834_000000402069_00447_33066_2709.N1	27-JUN-2008 01:58:34	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33066	No
24	GOM_NL__2PRFIN20080627_020555_000000422069_00447_33066_2710.N1	27-JUN-2008 02:05:55	Twilight	41.500	40	The Sco	1.8590	7100.0	83	33066	No
25	GOM_NL__2PRFIN20080627_020735_000000412069_00447_33066_2711.N1	27-JUN-2008 02:07:35	Twilight	41.000	25	35Lam Sco	1.6200	28000.	82	33066	No
26	GOM_NL__2PRFIN20080627_020858_000000562069_00447_33066_2712.N1	27-JUN-2008 02:08:58	Bright	56.000	116	19Del Sgr	2.7000	4100.0	112	33066	No
27	GOM_NL__2PRFIN20080627_021012_000000432069_00447_33066_2713.N1	27-JUN-2008 02:10:12	Bright	43.000	137	22Lam Sgr	2.8240	4400.0	86	33066	No
28	GOM_NL__2PRFIN20080627_021350_000000372069_00447_33066_2714.N1	27-JUN-2008 02:13:50	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33066	No
29	GOM_NL__2PRFIN20080627_021939_000000382069_00447_33066_2715.N1	27-JUN-2008 02:19:39	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	33066	No
30	GOM_NL__2PRFIN20080627_022201_000000382069_00447_33066_2716.N1	27-JUN-2008 02:22:01	Bright	38.000	59	55Alp Oph	2.0800	8900.0	76	33066	No
31	GOM_NL__2PRFIN20080627_022433_000000522069_00447_33066_2717.N1	27-JUN-2008 02:24:33	Bright	52.000	127	27Bet Her	2.7810	4700.0	104	33066	No
32	GOM_NL__2PRFIN20080627_022721_000000372069_00447_33066_2718.N1	27-JUN-2008 02:27:21	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	33066	No
33	GOM_NL__2PRFIN20080627_023334_000000382069_00447_33066_2719.N1	27-JUN-2008 02:33:34	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	33066	No
34	GOM_NL__2PRFIN20080627_023546_000000342069_00447_33066_2720.N1	27-JUN-2008 02:35:46	Bright	34.000	119	14Eta Dra	2.7270	4700.0	68	33066	No
35	GOM_NL__2PRFIN20080627_024401_000000362069_00447_33066_2721.N1	27-JUN-2008 02:44:01	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33066	No
36	GOM_NL__2PRFIN20080627_025127_000000482069_00447_33066_2722.N1	27-JUN-2008 02:51:27	Bright	48.000	110	37Del Cas	2.6780	8900.0	96	33066	No
37	GOM_NL__2PRFIN20080627_025420_000000552069_00447_33066_2723.N1	27-JUN-2008 02:54:20	Bright	55.000	160	23Gam Per	2.9300	4700.0	110	33066	No
38	GOM_NL__2PRFIN20080627_025558_000000402069_00447_33066_2724.N1	27-JUN-2008 02:55:58	Bright	39.500	175	39Del Per	3.0100	19400.	79	33066	No
39	GOM_NL__2PRFIN20080627_025807_000000362069_00447_33066_2725.N1	27-JUN-2008 02:58:07	Bright	36.000	79	26Bet Per	2.3100	13100.	72	33066	No
40	GOM_NL__2PRFIN20080627_030912_000000462069_00447_33066_2726.N1	27-JUN-2008 03:09:12	Dark	46.000	94	92Alp Cet	2.5260	3100.0	92	33066	No
41	GOM_NL__2PRFIN20080627_032119_000000392069_00447_33066_2727.N1	27-JUN-2008 03:21:19	Dark	38.500	157	The1Eri	2.9060	9300.0	77	33066	No
42	GOM_NL__2PRFIN20080627_032723_000000442069_00448_33067_2719.N1	27-JUN-2008 03:27:23	Dark	43.500	9	Alp Eri	0.45300	24000.	87	33067	No

43	GOM_NL__2PRFIN20080627_033427_000000322069_00448_33067_2720.N1	27-JUN-2008 03:34:27	Straylight	32.000	63	Bet Gru	2.1500	2800.0	64	33067	No
44	GOM_NL__2PRFIN20080627_033911_000000432069_00448_33067_2721.N1	27-JUN-2008 03:39:11	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	33067	No
45	GOM_NL__2PRFIN20080627_034631_000000392069_00448_33067_2722.N1	27-JUN-2008 03:46:31	Tw_i_and_stray	38.500	40	The Sco	1.8590	7100.0	77	33067	No
46	GOM_NL__2PRFIN20080627_034811_000000392069_00448_33067_2723.N1	27-JUN-2008 03:48:11	Tw_i_and_stray	39.000	25	35Lam Sco	1.6200	28000.	78	33067	No
47	GOM_NL__2PRFIN20080627_034934_000000442069_00448_33067_2724.N1	27-JUN-2008 03:49:34	Bright	44.000	116	19Del Sgr	2.7000	4100.0	88	33067	No
48	GOM_NL__2PRFIN20080627_035048_000000432069_00448_33067_2725.N1	27-JUN-2008 03:50:48	Bright	42.500	137	22Lam Sgr	2.8240	4400.0	85	33067	No
49	GOM_NL__2PRFIN20080627_035427_000000372069_00448_33067_2726.N1	27-JUN-2008 03:54:27	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	33067	No
50	GOM_NL__2PRFIN20080627_040015_000000382069_00448_33067_2727.N1	27-JUN-2008 04:00:15	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	33067	No
51	GOM_NL__2PRFIN20080627_040237_000000382069_00448_33067_2728.N1	27-JUN-2008 04:02:37	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	33067	No
52	GOM_NL__2PRFIN20080627_040509_000000372069_00448_33067_2729.N1	27-JUN-2008 04:05:09	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	33067	No
53	GOM_NL__2PRFIN20080627_040757_000000352069_00448_33067_2730.N1	27-JUN-2008 04:07:57	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	33067	No
54	GOM_NL__2PRFIN20080627_041409_000000382069_00448_33067_2731.N1	27-JUN-2008 04:14:09	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	33067	No
55	GOM_NL__2PRFIN20080627_041622_000000342069_00448_33067_2732.N1	27-JUN-2008 04:16:22	Bright	33.500	119	14Eta Dra	2.7270	4700.0	67	33067	No
56	GOM_NL__2PRFIN20080627_042437_000000362069_00448_33067_2733.N1	27-JUN-2008 04:24:37	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33067	No
57	GOM_NL__2PRFIN20080627_043202_000000442069_00448_33067_2734.N1	27-JUN-2008 04:32:02	Bright	44.000	110	37Del Cas	2.6780	8900.0	88	33067	No
58	GOM_NL__2PRFIN20080627_043456_000000392069_00448_33067_2735.N1	27-JUN-2008 04:34:56	Bright	39.000	160	23Gam Per	2.9300	4700.0	78	33067	No
59	GOM_NL__2PRFIN20080627_043634_000000342069_00448_33067_2736.N1	27-JUN-2008 04:36:34	Bright	34.000	175	39Del Per	3.0100	19400.	68	33067	No
60	GOM_NL__2PRFIN20080627_043843_000000412069_00448_33067_2737.N1	27-JUN-2008 04:38:43	Bright	40.500	79	26Bet Per	2.3100	13100.	81	33067	No
61	GOM_NL__2PRFIN20080627_044948_000000412069_00448_33067_2738.N1	27-JUN-2008 04:49:48	Dark	40.500	94	92Alp Cet	2.5260	3100.0	81	33067	No
62	GOM_NL__2PRFIN20080627_050156_000000382069_00448_33067_2739.N1	27-JUN-2008 05:01:56	Dark	38.000	157	The1Eri	2.9060	9300.0	76	33067	No
63	GOM_NL__2PRFIN20080627_050759_000000532069_00449_33068_2759.N1	27-JUN-2008 05:07:59	Dark	52.500	9	Alp Eri	0.45300	24000.	105	33068	No
64	GOM_NL__2PRFIN20080627_051504_000000312069_00449_33068_2760.N1	27-JUN-2008 05:15:04	Straylight	31.000	63	Bet Gru	2.1500	2800.0	62	33068	No
65	GOM_NL__2PRFIN20080627_051947_000000422069_00449_33068_2761.N1	27-JUN-2008 05:19:47	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	33068	No
66	GOM_NL__2PRFIN20080627_052707_000000392069_00449_33068_2762.N1	27-JUN-2008 05:27:07	Tw_i_and_stray	39.000	40	The Sco	1.8590	7100.0	78	33068	No
67	GOM_NL__2PRFIN20080627_052848_000000412069_00449_33068_2763.N1	27-JUN-2008 05:28:48	Tw_i_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	33068	No
68	GOM_NL__2PRFIN20080627_053011_000000442069_00449_33068_2764.N1	27-JUN-2008 05:30:11	Bright	43.500	116	19Del Sgr	2.7000	4100.0	87	33068	No
69	GOM_NL__2PRFIN20080627_053124_000000582069_00449_33068_2765.N1	27-JUN-2008 05:31:24	Bright	58.000	137	22Lam Sgr	2.8240	4400.0	116	33068	No
70	GOM_NL__2PRFIN20080627_053503_000000372069_00449_33068_2766.N1	27-JUN-2008 05:35:03	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33068	No
71	GOM_NL__2PRFIN20080627_054051_000000382069_00449_33068_2767.N1	27-JUN-2008 05:40:51	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	33068	No
72	GOM_NL__2PRFIN20080627_054313_000000382069_00449_33068_2768.N1	27-JUN-2008 05:43:13	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	33068	No
73	GOM_NL__2PRFIN20080627_054545_000000352069_00449_33068_2769.N1	27-JUN-2008 05:45:45	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	33068	No
74	GOM_NL__2PRFIN20080627_054833_000000362069_00449_33068_2770.N1	27-JUN-2008 05:48:33	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	33068	No
75	GOM_NL__2PRFIN20080627_055445_000000392069_00449_33068_2771.N1	27-JUN-2008 05:54:45	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	33068	No
76	GOM_NL__2PRFIN20080627_055658_000000362069_00449_33068_2772.N1	27-JUN-2008 05:56:58	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	33068	No
77	GOM_NL__2PRFIN20080627_060513_000000322069_00449_33068_2773.N1	27-JUN-2008 06:05:13	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	33068	No
78	GOM_NL__2PRFIN20080627_061238_000000402069_00449_33068_2774.N1	27-JUN-2008 06:12:38	Bright	40.000	110	37Del Cas	2.6780	8900.0	80	33068	No
79	GOM_NL__2PRFIN20080627_061531_000000542069_00449_33068_2775.N1	27-JUN-2008 06:15:31	Bright	53.500	160	23Gam Per	2.9300	4700.0	107	33068	No
80	GOM_NL__2PRFIN20080627_061710_000000332069_00449_33068_2776.N1	27-JUN-2008 06:17:10	Bright	32.500	175	39Del Per	3.0100	19400.	65	33068	No
81	GOM_NL__2PRFIN20080627_061919_000000382069_00449_33068_2777.N1	27-JUN-2008 06:19:19	Bright	37.500	79	26Bet Per	2.3100	13100.	75	33068	No
82	GOM_NL__2PRFIN20080627_063025_000000472069_00449_33068_2778.N1	27-JUN-2008 06:30:25	Dark	46.500	94	92Alp Cet	2.5260	3100.0	93	33068	No
83	GOM_NL__2PRFIN20080627_064232_000000402069_00449_33068_2779.N1	27-JUN-2008 06:42:32	Dark	39.500	157	The1Eri	2.9060	9300.0	79	33068	No
84	GOM_NL__2PRFIN20080627_064836_000000392069_00450_33069_2785.N1	27-JUN-2008 06:48:36	Dark	39.000	9	Alp Eri	0.45300	24000.	78	33069	No
85	GOM_NL__2PRFIN20080627_065541_000000312069_00450_33069_2786.N1	27-JUN-2008 06:55:41	Straylight	31.000	63	Bet Gru	2.1500	2800.0	62	33069	No
86	GOM_NL__2PRFIN20080627_070024_000000422069_00450_33069_2787.N1	27-JUN-2008 07:00:24	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	33069	No
87	GOM_NL__2PRFIN20080627_070743_000000442069_00450_33069_2788.N1	27-JUN-2008 07:07:43	Tw_i_and_stray	44.000	40	The Sco	1.8590	7100.0	88	33069	No
88	GOM_NL__2PRFIN20080627_070924_000000402069_00450_33069_2789.N1	27-JUN-2008 07:09:24	Tw_i_and_stray	40.000	25	35Lam Sco	1.6200	28000.	80	33069	No
89	GOM_NL__2PRFIN20080627_071047_000000562069_00450_33069_2790.N1	27-JUN-2008 07:10:47	Bright	56.000	116	19Del Sgr	2.7000	4100.0	112	33069	No
90	GOM_NL__2PRFIN20080627_071200_000000432069_00450_33069_2791.N1	27-JUN-2008 07:12:00	Bright	43.000	137	22Lam Sgr	2.8240	4400.0	86	33069	No
91	GOM_NL__2PRFIN20080627_071539_000000372069_00450_33069_2792.N1	27-JUN-2008 07:15:39	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33069	No
92	GOM_NL__2PRFIN20080627_072127_000000382069_00450_33069_2793.N1	27-JUN-2008 07:21:27	Bright	38.000	126	60Bet Oph	2.7700	4250.0	76	33069	No
93	GOM_NL__2PRFIN20080627_072348_000000362069_00450_33069_2794.N1	27-JUN-2008 07:23:48	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	33069	No
94	GOM_NL__2PRFIN20080627_072621_000000382069_00450_33069_2795.N1	27-JUN-2008 07:26:21	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	33069	No
95	GOM_NL__2PRFIN20080627_072909_000000362069_00450_33069_2796.N1	27-JUN-2008 07:29:09	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	33069	No
96	GOM_NL__2PRFIN20080627_073521_000000392069_00450_33069_2797.N1	27-JUN-2008 07:35:21	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	33069	No
97	GOM_NL__2PRFIN20080627_073734_000000362069_00450_33069_2798.N1	27-JUN-2008 07:37:34	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	33069	No
98	GOM_NL__2PRFIN20080627_074549_000000352069_00450_33069_2799.N1	27-JUN-2008 07:45:49	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	33069	No
99	GOM_NL__2PRFIN20080627_075314_000000612069_00450_33069_2800.N1	27-JUN-2008 07:53:14	Bright	61.000	110	37Del Cas	2.6780	8900.0	122	33069	No
100	GOM_NL__2PRFIN20080627_075607_000000382069_00450_33069_2801.N1	27-JUN-2008 07:56:07	Bright	37.500	160	23Gam Per	2.9300	4700.0	75	33069	No
101	GOM_NL__2PRFIN20080627_075746_000000332069_00450_33069_2802.N1	27-JUN-2008 07:57:46	Bright	33.000	175	39Del Per	3.0100	19400.	66	33069	No

102	GOM_NL__2PRFIN20080627_075955_000000422069_00450_33069_2803.N1	27-JUN-2008 07:59:55	Bright	41.500	79	26Bet Per	2.3100	13100.	83	33069	No
103	GOM_NL__2PRFIN20080627_081101_000000422069_00450_33069_2804.N1	27-JUN-2008 08:11:01	Dark	41.500	94	92Alp Cet	2.5260	3100.0	83	33069	No
104	GOM_NL__2PRFIN20080627_082308_000000402069_00450_33069_2805.N1	27-JUN-2008 08:23:08	Dark	39.500	157	The1Eri	2.9060	9300.0	79	33069	No
105	GOM_NL__2PRFIN20080627_082912_000000472069_00451_33070_2784.N1	27-JUN-2008 08:29:12	Dark	47.000	9	Alp Eri	0.45300	24000.	94	33070	No
106	GOM_NL__2PRFIN20080627_083618_000000302069_00451_33070_2785.N1	27-JUN-2008 08:36:18	Straylight	30.000	63	Bet Gru	2.1500	2800.0	60	33070	No
107	GOM_NL__2PRFIN20080627_084100_000000422069_00451_33070_2786.N1	27-JUN-2008 08:41:00	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	33070	No
108	GOM_NL__2PRFIN20080627_084820_000000392069_00451_33070_2787.N1	27-JUN-2008 08:48:20	Tw_i_and_stray	38.500	40	The Sco	1.8590	7100.0	77	33070	No
109	GOM_NL__2PRFIN20080627_085000_000000402069_00451_33070_2788.N1	27-JUN-2008 08:50:00	Tw_i_and_stray	39.500	25	35Lam Sco	1.6200	28000.	79	33070	No
110	GOM_NL__2PRFIN20080627_085123_000000492069_00451_33070_2789.N1	27-JUN-2008 08:51:23	Bright	48.500	116	19Del Sgr	2.7000	4100.0	97	33070	No
111	GOM_NL__2PRFIN20080627_085237_000000442069_00451_33070_2790.N1	27-JUN-2008 08:52:37	Bright	44.000	137	22Lam Sgr	2.8240	4400.0	88	33070	No
112	GOM_NL__2PRFIN20080627_085615_000000362069_00451_33070_2791.N1	27-JUN-2008 08:56:15	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33070	No
113	GOM_NL__2PRFIN20080627_090203_000000382069_00451_33070_2792.N1	27-JUN-2008 09:02:03	Bright	38.000	126	60Bet Oph	2.7700	4250.0	76	33070	No
114	GOM_NL__2PRFIN20080627_090424_000000372069_00451_33070_2793.N1	27-JUN-2008 09:04:24	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	33070	No
115	GOM_NL__2PRFIN20080627_090657_000000362069_00451_33070_2794.N1	27-JUN-2008 09:06:57	Bright	35.500	127	27Bet Her	2.7810	4700.0	71	33070	No
116	GOM_NL__2PRFIN20080627_090945_000000362069_00451_33070_2795.N1	27-JUN-2008 09:09:45	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	33070	No
117	GOM_NL__2PRFIN20080627_091557_000000382069_00451_33070_2796.N1	27-JUN-2008 09:15:57	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	33070	No
118	GOM_NL__2PRFIN20080627_091810_000000362069_00451_33070_2797.N1	27-JUN-2008 09:18:10	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33070	No
119	GOM_NL__2PRFIN20080627_092625_000000362069_00451_33070_2798.N1	27-JUN-2008 09:26:25	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33070	No
120	GOM_NL__2PRFIN20080627_093349_000000392069_00451_33070_2799.N1	27-JUN-2008 09:33:49	Bright	39.000	110	37Del Cas	2.6780	8900.0	78	33070	No
121	GOM_NL__2PRFIN20080627_093643_000000492069_00451_33070_2800.N1	27-JUN-2008 09:36:43	Bright	49.000	160	23Gam Per	2.9300	4700.0	98	33070	No
122	GOM_NL__2PRFIN20080627_093822_000000532069_00451_33070_2801.N1	27-JUN-2008 09:38:22	Bright	53.000	175	39Del Per	3.0100	19400.	106	33070	No
123	GOM_NL__2PRFIN20080627_094031_000000422069_00451_33070_2802.N1	27-JUN-2008 09:40:31	Bright	42.000	79	26Bet Per	2.3100	13100.	84	33070	No
124	GOM_NL__2PRFIN20080627_095137_000000382069_00451_33070_2803.N1	27-JUN-2008 09:51:37	Dark	38.000	94	92Alp Cet	2.5260	3100.0	76	33070	No
125	GOM_NL__2PRFIN20080627_100345_000000392069_00451_33070_2804.N1	27-JUN-2008 10:03:45	Dark	39.000	157	The1Eri	2.9060	9300.0	78	33070	No
126	GOM_NL__2PRFIN20080627_100948_000000452069_00452_33071_2805.N1	27-JUN-2008 10:09:48	Dark	44.500	9	Alp Eri	0.45300	24000.	89	33071	No
127	GOM_NL__2PRFIN20080627_101655_000000302069_00452_33071_2806.N1	27-JUN-2008 10:16:55	Straylight	30.000	63	Bet Gru	2.1500	2800.0	60	33071	No
128	GOM_NL__2PRFIN20080627_102137_000000432069_00452_33071_2807.N1	27-JUN-2008 10:21:37	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	33071	No
129	GOM_NL__2PRFIN20080627_102856_000000422069_00452_33071_2808.N1	27-JUN-2008 10:28:56	Tw_i_and_stray	42.000	40	The Sco	1.8590	7100.0	84	33071	No
130	GOM_NL__2PRFIN20080627_103036_000000442069_00452_33071_2809.N1	27-JUN-2008 10:30:36	Tw_i_and_stray	43.500	25	35Lam Sco	1.6200	28000.	87	33071	No
131	GOM_NL__2PRFIN20080627_103159_000000512069_00452_33071_2810.N1	27-JUN-2008 10:31:59	Bright	51.000	116	19Del Sgr	2.7000	4100.0	102	33071	No
132	GOM_NL__2PRFIN20080627_103313_000000442069_00452_33071_2811.N1	27-JUN-2008 10:33:13	Bright	44.000	137	22Lam Sgr	2.8240	4400.0	88	33071	No
133	GOM_NL__2PRFIN20080627_103651_000000362069_00452_33071_2812.N1	27-JUN-2008 10:36:51	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33071	No
134	GOM_NL__2PRFIN20080627_104239_000000382069_00452_33071_2813.N1	27-JUN-2008 10:42:39	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	33071	No
135	GOM_NL__2PRFIN20080627_104500_000000372069_00452_33071_2814.N1	27-JUN-2008 10:45:00	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	33071	No
136	GOM_NL__2PRFIN20080627_104733_000000382069_00452_33071_2815.N1	27-JUN-2008 10:47:33	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	33071	No
137	GOM_NL__2PRFIN20080627_105021_000000362069_00452_33071_2816.N1	27-JUN-2008 10:50:21	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	33071	No
138	GOM_NL__2PRFIN20080627_105632_000000382069_00452_33071_2817.N1	27-JUN-2008 10:56:32	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	33071	No
139	GOM_NL__2PRFIN20080627_105846_000000362069_00452_33071_2818.N1	27-JUN-2008 10:58:46	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33071	No
140	GOM_NL__2PRFIN20080627_110700_000000362069_00452_33071_2819.N1	27-JUN-2008 11:07:00	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33071	No
141	GOM_NL__2PRFIN20080627_111425_000000412069_00452_33071_2820.N1	27-JUN-2008 11:14:25	Bright	40.500	110	37Del Cas	2.6780	8900.0	81	33071	No
142	GOM_NL__2PRFIN20080627_111719_000000532069_00452_33071_2821.N1	27-JUN-2008 11:17:19	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	33071	No
143	GOM_NL__2PRFIN20080627_111858_000000532069_00452_33071_2822.N1	27-JUN-2008 11:18:58	Bright	53.000	175	39Del Per	3.0100	19400.	106	33071	No
144	GOM_NL__2PRFIN20080627_112107_000000382069_00452_33071_2823.N1	27-JUN-2008 11:21:07	Bright	37.500	79	26Bet Per	2.3100	13100.	75	33071	No
145	GOM_NL__2PRFIN20080627_113214_000000462069_00452_33071_2824.N1	27-JUN-2008 11:32:14	Dark	46.000	94	92Alp Cet	2.5260	3100.0	92	33071	No
146	GOM_NL__2PRFIN20080627_114421_000000372069_00452_33071_2825.N1	27-JUN-2008 11:44:21	Dark	37.000	157	The1Eri	2.9060	9300.0	74	33071	No
147	GOM_NL__2PRFIN20080627_115025_000000502069_00453_33072_2812.N1	27-JUN-2008 11:50:25	Dark	50.000	9	Alp Eri	0.45300	24000.	100	33072	No
148	GOM_NL__2PRFIN20080627_115732_000000292069_00453_33072_2813.N1	27-JUN-2008 11:57:32	Straylight	29.000	63	Bet Gru	2.1500	2800.0	58	33072	No
149	GOM_NL__2PRFIN20080627_120213_000000432069_00453_33072_2814.N1	27-JUN-2008 12:02:13	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	33072	No
150	GOM_NL__2PRFIN20080627_120932_000000412069_00453_33072_2815.N1	27-JUN-2008 12:09:32	Tw_i_and_stray	40.500	40	The Sco	1.8590	7100.0	81	33072	No
151	GOM_NL__2PRFIN20080627_121112_000000402069_00453_33072_2816.N1	27-JUN-2008 12:11:12	Tw_i_and_stray	39.500	25	35Lam Sco	1.6200	28000.	79	33072	No
152	GOM_NL__2PRFIN20080627_121235_000000472069_00453_33072_2817.N1	27-JUN-2008 12:12:35	Bright	47.000	116	19Del Sgr	2.7000	4100.0	94	33072	No
153	GOM_NL__2PRFIN20080627_121349_000000422069_00453_33072_2818.N1	27-JUN-2008 12:13:49	Bright	41.500	137	22Lam Sgr	2.8240	4400.0	83	33072	No
154	GOM_NL__2PRFIN20080627_121727_000000352069_00453_33072_2819.N1	27-JUN-2008 12:17:27	Bright	34.500	86	35Eta Oph	2.4300	10200.	69	33072	No
155	GOM_NL__2PRFIN20080627_122314_000000382069_00453_33072_2820.N1	27-JUN-2008 12:23:14	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	33072	No
156	GOM_NL__2PRFIN20080627_122536_000000362069_00453_33072_2821.N1	27-JUN-2008 12:25:36	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	33072	No
157	GOM_NL__2PRFIN20080627_122809_000000372069_00453_33072_2822.N1	27-JUN-2008 12:28:09	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	33072	No
158	GOM_NL__2PRFIN20080627_123057_000000352069_00453_33072_2823.N1	27-JUN-2008 12:30:57	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	33072	No
159	GOM_NL__2PRFIN20080627_123708_000000392069_00453_33072_2824.N1	27-JUN-2008 12:37:08	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	33072	No
160	GOM_NL__2PRFIN20080627_123922_000000402069_00453_33072_2825.N1	27-JUN-2008 12:39:22	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	33072	No

161	GOM_NL__2PRFIN20080627_124736_000000372069_00453_33072_2826.N1	27-JUN-2008 12:47:36	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33072	No
162	GOM_NL__2PRFIN20080627_125501_000000532069_00453_33072_2827.N1	27-JUN-2008 12:55:01	Bright	52.500	110	37Del Cas	2.6780	8900.0	105	33072	No
163	GOM_NL__2PRFIN20080627_125755_000000362069_00453_33072_2828.N1	27-JUN-2008 12:57:55	Bright	35.500	160	23Gam Per	2.9300	4700.0	71	33072	No
164	GOM_NL__2PRFIN20080627_125934_000000332069_00453_33072_2829.N1	27-JUN-2008 12:59:34	Bright	33.000	175	39Del Per	3.0100	19400.	66	33072	No
165	GOM_NL__2PRFIN20080627_130143_000000392069_00453_33072_2830.N1	27-JUN-2008 13:01:43	Bright	39.000	79	26Bet Per	2.3100	13100.	78	33072	No
166	GOM_NL__2PRFIN20080627_131250_000000462069_00453_33072_2831.N1	27-JUN-2008 13:12:50	Dark	45.500	94	92Alp Cet	2.5260	3100.0	91	33072	No
167	GOM_NL__2PRFIN20080627_132457_000000382069_00453_33072_2832.N1	27-JUN-2008 13:24:57	Dark	37.500	157	The1Eri	2.9060	9300.0	75	33072	No
168	GOM_NL__2PRFIN20080627_133101_000000402069_00454_33073_2845.N1	27-JUN-2008 13:31:01	Dark	39.500	9	Alp Eri	0.45300	24000.	79	33073	No
169	GOM_NL__2PRFIN20080627_133809_000000292069_00454_33073_2846.N1	27-JUN-2008 13:38:09	Straylight	29.000	63	Bet Gru	2.1500	2800.0	58	33073	No
170	GOM_NL__2PRFIN20080627_134249_000000422069_00454_33073_2847.N1	27-JUN-2008 13:42:49	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	33073	No
171	GOM_NL__2PRFIN20080627_135008_000000392069_00454_33073_2848.N1	27-JUN-2008 13:50:08	Tw_i_and_stray	39.000	40	The Sco	1.8590	7100.0	78	33073	No
172	GOM_NL__2PRFIN20080627_135148_000000402069_00454_33073_2849.N1	27-JUN-2008 13:51:48	Tw_i_and_stray	40.000	25	35Lam Sco	1.6200	28000.	80	33073	No
173	GOM_NL__2PRFIN20080627_135311_000000502069_00454_33073_2850.N1	27-JUN-2008 13:53:11	Bright	49.500	116	19Del Sgr	2.7000	4100.0	99	33073	No
174	GOM_NL__2PRFIN20080627_135425_000000432069_00454_33073_2851.N1	27-JUN-2008 13:54:25	Bright	42.500	137	22Lam Sgr	2.8240	4400.0	85	33073	No
175	GOM_NL__2PRFIN20080627_135803_000000362069_00454_33073_2852.N1	27-JUN-2008 13:58:03	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33073	No
176	GOM_NL__2PRFIN20080627_140350_000000382069_00454_33073_2853.N1	27-JUN-2008 14:03:50	Bright	38.000	126	60Bet Oph	2.7700	4250.0	76	33073	No
177	GOM_NL__2PRFIN20080627_140612_000000402069_00454_33073_2854.N1	27-JUN-2008 14:06:12	Bright	39.500	59	55Alp Oph	2.0800	8900.0	79	33073	No
178	GOM_NL__2PRFIN20080627_140845_000000352069_00454_33073_2855.N1	27-JUN-2008 14:08:45	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	33073	No
179	GOM_NL__2PRFIN20080627_141133_000000372069_00454_33073_2856.N1	27-JUN-2008 14:11:33	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	33073	No
180	GOM_NL__2PRFIN20080627_141744_000000382069_00454_33073_2857.N1	27-JUN-2008 14:17:44	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	33073	No
181	GOM_NL__2PRFIN20080627_141958_000000372069_00454_33073_2858.N1	27-JUN-2008 14:19:58	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	33073	No
182	GOM_NL__2PRFIN20080627_142812_000000352069_00454_33073_2859.N1	27-JUN-2008 14:28:12	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	33073	No
183	GOM_NL__2PRFIN20080627_143536_000000542069_00454_33073_2860.N1	27-JUN-2008 14:35:36	Bright	54.000	110	37Del Cas	2.6780	8900.0	108	33073	No
184	GOM_NL__2PRFIN20080627_143831_000000352069_00454_33073_2861.N1	27-JUN-2008 14:38:31	Bright	34.500	160	23Gam Per	2.9300	4700.0	69	33073	No
185	GOM_NL__2PRFIN20080627_144010_000000332069_00454_33073_2862.N1	27-JUN-2008 14:40:10	Bright	33.000	175	39Del Per	3.0100	19400.	66	33073	No
186	GOM_NL__2PRFIN20080627_144219_000000412069_00454_33073_2863.N1	27-JUN-2008 14:42:19	Bright	40.500	79	26Bet Per	2.3100	13100.	81	33073	No
187	GOM_NL__2PRFIN20080627_145326_000000462069_00454_33073_2864.N1	27-JUN-2008 14:53:26	Dark	46.000	94	92Alp Cet	2.5260	3100.0	92	33073	No
188	GOM_NL__2PRFIN20080627_150534_000000392069_00454_33073_2865.N1	27-JUN-2008 15:05:34	Dark	38.500	157	The1Eri	2.9060	9300.0	77	33073	No
189	GOM_NL__2PRFIN20080627_151138_000000482069_00455_33074_2864.N1	27-JUN-2008 15:11:38	Dark	47.500	9	Alp Eri	0.45300	24000.	95	33074	No
190	GOM_NL__2PRFIN20080627_151846_000000292069_00455_33074_2865.N1	27-JUN-2008 15:18:46	Straylight	29.000	63	Bet Gru	2.1500	2800.0	58	33074	No
191	GOM_NL__2PRFIN20080627_152326_000000402069_00455_33074_2866.N1	27-JUN-2008 15:23:26	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33074	No
192	GOM_NL__2PRFIN20080627_153044_000000412069_00455_33074_2867.N1	27-JUN-2008 15:30:44	Tw_i_and_stray	41.000	40	The Sco	1.8590	7100.0	82	33074	No
193	GOM_NL__2PRFIN20080627_153224_000000412069_00455_33074_2868.N1	27-JUN-2008 15:32:24	Tw_i_and_stray	40.500	25	35Lam Sco	1.6200	28000.	81	33074	No
194	GOM_NL__2PRFIN20080627_153348_000000552069_00455_33074_2869.N1	27-JUN-2008 15:33:48	Bright	54.500	116	19Del Sgr	2.7000	4100.0	109	33074	No
195	GOM_NL__2PRFIN20080627_153839_000000372069_00455_33074_2870.N1	27-JUN-2008 15:38:39	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33074	No
196	GOM_NL__2PRFIN20080627_154426_000000392069_00455_33074_2871.N1	27-JUN-2008 15:44:26	Bright	38.500	126	60Bet Oph	2.7700	4250.0	77	33074	No
197	GOM_NL__2PRFIN20080627_154647_000000382069_00455_33074_2872.N1	27-JUN-2008 15:46:47	Bright	38.000	59	55Alp Oph	2.0800	8900.0	76	33074	No
198	GOM_NL__2PRFIN20080627_154921_000000372069_00455_33074_2873.N1	27-JUN-2008 15:49:21	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	33074	No
199	GOM_NL__2PRFIN20080627_155209_000000372069_00455_33074_2874.N1	27-JUN-2008 15:52:09	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	33074	No
200	GOM_NL__2PRFIN20080627_155819_000000362069_00455_33074_2875.N1	27-JUN-2008 15:58:19	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	33074	No
201	GOM_NL__2PRFIN20080627_160034_000000332069_00455_33074_2876.N1	27-JUN-2008 16:00:34	Bright	33.000	119	14Eta Dra	2.7270	4700.0	66	33074	No
202	GOM_NL__2PRFIN20080627_160848_000000362069_00455_33074_2877.N1	27-JUN-2008 16:08:48	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33074	No
203	GOM_NL__2PRFIN20080627_161612_000000612069_00455_33074_2878.N1	27-JUN-2008 16:16:12	Bright	61.000	110	37Del Cas	2.6780	8900.0	122	33074	No
204	GOM_NL__2PRFIN20080627_161907_000000552069_00455_33074_2879.N1	27-JUN-2008 16:19:07	Bright	55.000	160	23Gam Per	2.9300	4700.0	110	33074	No
205	GOM_NL__2PRFIN20080627_162046_000000332069_00455_33074_2880.N1	27-JUN-2008 16:20:46	Bright	33.000	175	39Del Per	3.0100	19400.	66	33074	No
206	GOM_NL__2PRFIN20080627_162255_000000372069_00455_33074_2881.N1	27-JUN-2008 16:22:55	Bright	37.000	79	26Bet Per	2.3100	13100.	74	33074	No
207	GOM_NL__2PRFIN20080627_163402_000000462069_00455_33074_2882.N1	27-JUN-2008 16:34:02	Dark	45.500	94	92Alp Cet	2.5260	3100.0	91	33074	No
208	GOM_NL__2PRFIN20080627_164610_000000392069_00455_33074_2883.N1	27-JUN-2008 16:46:10	Dark	39.000	157	The1Eri	2.9060	9300.0	78	33074	No
209	GOM_NL__2PRFIN20080627_165214_000000472069_00456_33075_2863.N1	27-JUN-2008 16:52:14	Dark	47.000	9	Alp Eri	0.45300	24000.	94	33075	No
210	GOM_NL__2PRFIN20080627_165923_000000292069_00456_33075_2864.N1	27-JUN-2008 16:59:23	Straylight	29.000	63	Bet Gru	2.1500	2800.0	58	33075	No
211	GOM_NL__2PRFIN20080627_170402_000000412069_00456_33075_2865.N1	27-JUN-2008 17:04:02	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	33075	No
212	GOM_NL__2PRFIN20080627_171120_000000432069_00456_33075_2866.N1	27-JUN-2008 17:11:20	Tw_i_and_stray	43.000	40	The Sco	1.8590	7100.0	86	33075	No
213	GOM_NL__2PRFIN20080627_171301_000000412069_00456_33075_2867.N1	27-JUN-2008 17:13:01	Tw_i_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	33075	No
214	GOM_NL__2PRFIN20080627_171424_000000542069_00456_33075_2868.N1	27-JUN-2008 17:14:24	Bright	54.000	116	19Del Sgr	2.7000	4100.0	108	33075	No
215	GOM_NL__2PRFIN20080627_171915_000000372069_00456_33075_2869.N1	27-JUN-2008 17:19:15	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33075	No
216	GOM_NL__2PRFIN20080627_172502_000000382069_00456_33075_2870.N1	27-JUN-2008 17:25:02	Bright	38.000	126	60Bet Oph	2.7700	4250.0	76	33075	No
217	GOM_NL__2PRFIN20080627_172723_000000382069_00456_33075_2871.N1	27-JUN-2008 17:27:23	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	33075	No
218	GOM_NL__2PRFIN20080627_172957_000000352069_00456_33075_2872.N1	27-JUN-2008 17:29:57	Bright	35.000	127	27Bet Her	2.7810	4700.0	70	33075	No
219	GOM_NL__2PRFIN20080627_173245_000000352069_00456_33075_2873.N1	27-JUN-2008 17:32:45	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	33075	No

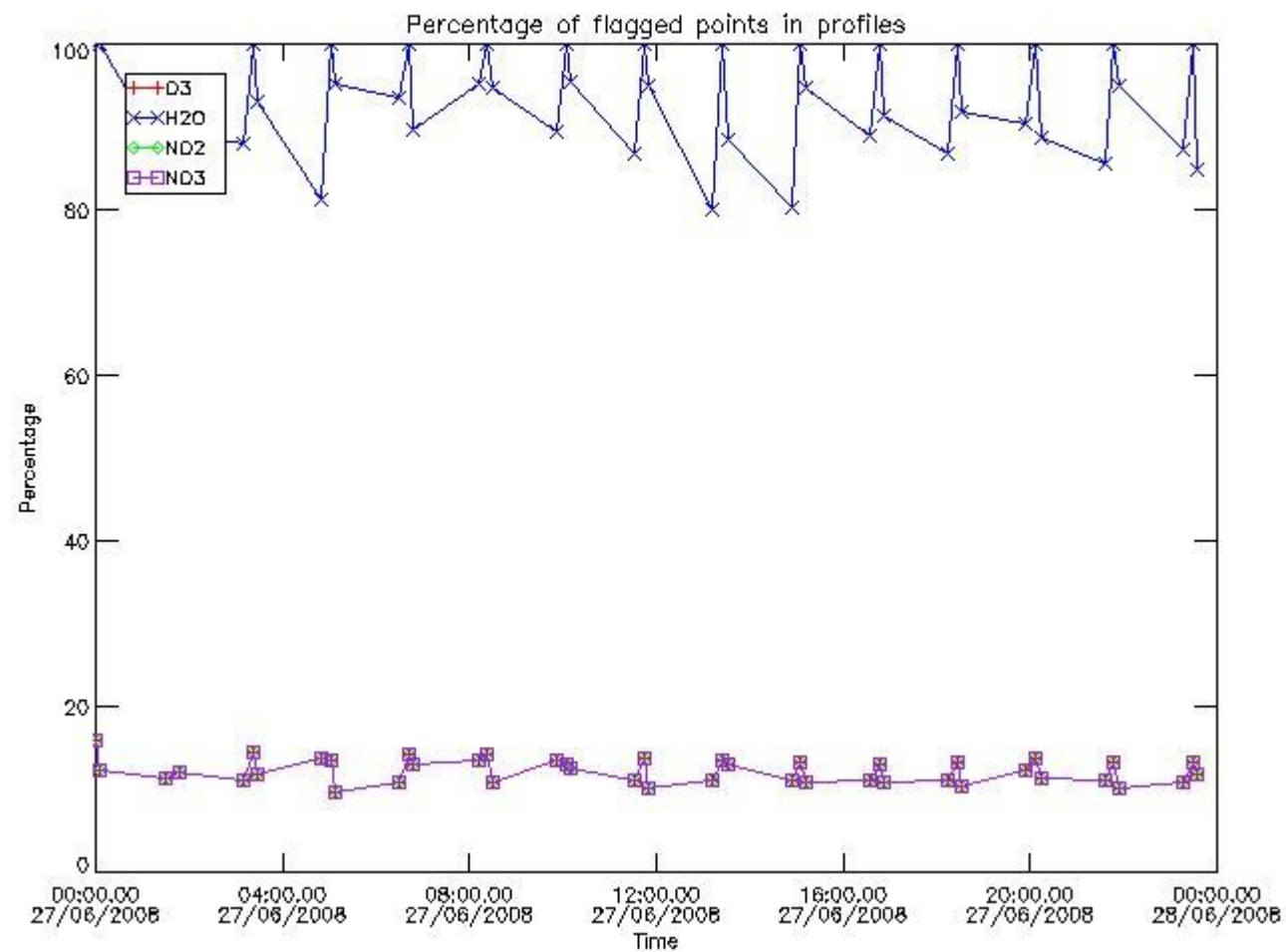
220	GOM_NL__2PRFIN20080627_173855_000000392069_00456_33075_2874.N1	27-JUN-2008 17:38:55	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	33075	No
221	GOM_NL__2PRFIN20080627_174110_000000362069_00456_33075_2875.N1	27-JUN-2008 17:41:10	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33075	No
222	GOM_NL__2PRFIN20080627_174924_000000372069_00456_33075_2876.N1	27-JUN-2008 17:49:24	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33075	No
223	GOM_NL__2PRFIN20080627_175648_000000492069_00456_33075_2877.N1	27-JUN-2008 17:56:48	Bright	48.500	110	37Del Cas	2.6780	8900.0	97	33075	No
224	GOM_NL__2PRFIN20080627_175943_000000362069_00456_33075_2878.N1	27-JUN-2008 17:59:43	Bright	35.500	160	23Gam Per	2.9300	4700.0	71	33075	No
225	GOM_NL__2PRFIN20080627_180122_000000332069_00456_33075_2879.N1	27-JUN-2008 18:01:22	Bright	32.500	175	39Del Per	3.0100	19400.	65	33075	No
226	GOM_NL__2PRFIN20080627_180331_000000552069_00456_33075_2880.N1	27-JUN-2008 18:03:31	Bright	55.000	79	26Bet Per	2.3100	13100.	110	33075	No
227	GOM_NL__2PRFIN20080627_181439_000000462069_00456_33075_2881.N1	27-JUN-2008 18:14:39	Dark	46.000	94	92Alp Cet	2.5260	3100.0	92	33075	No
228	GOM_NL__2PRFIN20080627_182646_000000392069_00456_33075_2882.N1	27-JUN-2008 18:26:46	Dark	38.500	157	The1Eri	2.9060	9300.0	77	33075	No
229	GOM_NL__2PRFIN20080627_183250_000000502069_00457_33076_2868.N1	27-JUN-2008 18:32:50	Dark	49.500	9	Alp Eri	0.45300	24000.	99	33076	No
230	GOM_NL__2PRFIN20080627_184000_000000282069_00457_33076_2869.N1	27-JUN-2008 18:40:00	Straylight	28.000	63	Bet Gru	2.1500	2800.0	56	33076	No
231	GOM_NL__2PRFIN20080627_184439_000000402069_00457_33076_2870.N1	27-JUN-2008 18:44:39	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	33076	No
232	GOM_NL__2PRFIN20080627_185157_000000432069_00457_33076_2871.N1	27-JUN-2008 18:51:57	Tw_i_and_stray	43.000	40	The Sco	1.8590	7100.0	86	33076	No
233	GOM_NL__2PRFIN20080627_185337_000000402069_00457_33076_2872.N1	27-JUN-2008 18:53:37	Tw_i_and_stray	40.000	25	35Lam Sco	1.6200	28000.	80	33076	No
234	GOM_NL__2PRFIN20080627_185500_000000562069_00457_33076_2873.N1	27-JUN-2008 18:55:00	Bright	56.000	116	19Del Sgr	2.7000	4100.0	112	33076	No
235	GOM_NL__2PRFIN20080627_185951_000000372069_00457_33076_2874.N1	27-JUN-2008 18:59:51	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	33076	No
236	GOM_NL__2PRFIN20080627_190538_000000372069_00457_33076_2875.N1	27-JUN-2008 19:05:38	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	33076	No
237	GOM_NL__2PRFIN20080627_190759_000000382069_00457_33076_2876.N1	27-JUN-2008 19:07:59	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	33076	No
238	GOM_NL__2PRFIN20080627_191033_000000372069_00457_33076_2877.N1	27-JUN-2008 19:10:33	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	33076	No
239	GOM_NL__2PRFIN20080627_191321_000000352069_00457_33076_2878.N1	27-JUN-2008 19:13:21	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	33076	No
240	GOM_NL__2PRFIN20080627_191931_000000392069_00457_33076_2879.N1	27-JUN-2008 19:19:31	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	33076	No
241	GOM_NL__2PRFIN20080627_192146_000000362069_00457_33076_2880.N1	27-JUN-2008 19:21:46	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	33076	No
242	GOM_NL__2PRFIN20080627_193000_000000372069_00457_33076_2881.N1	27-JUN-2008 19:30:00	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33076	No
243	GOM_NL__2PRFIN20080627_193723_000000392069_00457_33076_2882.N1	27-JUN-2008 19:37:23	Bright	39.000	110	37Del Cas	2.6780	8900.0	78	33076	No
244	GOM_NL__2PRFIN20080627_194019_000000452069_00457_33076_2883.N1	27-JUN-2008 19:40:19	Bright	45.000	160	23Gam Per	2.9300	4700.0	90	33076	No
245	GOM_NL__2PRFIN20080627_194158_000000332069_00457_33076_2884.N1	27-JUN-2008 19:41:58	Bright	33.000	175	39Del Per	3.0100	19400.	66	33076	No
246	GOM_NL__2PRFIN20080627_194407_000000382069_00457_33076_2885.N1	27-JUN-2008 19:44:07	Bright	37.500	79	26Bet Per	2.3100	13100.	75	33076	No
247	GOM_NL__2PRFIN20080627_195515_000000422069_00457_33076_2886.N1	27-JUN-2008 19:55:15	Dark	41.500	94	92Alp Cet	2.5260	3100.0	83	33076	No
248	GOM_NL__2PRFIN20080627_200723_000000372069_00457_33076_2887.N1	27-JUN-2008 20:07:23	Dark	37.000	157	The1Eri	2.9060	9300.0	74	33076	No
249	GOM_NL__2PRFIN20080627_201327_000000452069_00458_33077_2884.N1	27-JUN-2008 20:13:27	Dark	45.000	9	Alp Eri	0.45300	24000.	90	33077	No
250	GOM_NL__2PRFIN20080627_202037_000000282069_00458_33077_2885.N1	27-JUN-2008 20:20:37	Straylight	28.000	63	Bet Gru	2.1500	2800.0	56	33077	No
251	GOM_NL__2PRFIN20080627_202515_000000402069_00458_33077_2886.N1	27-JUN-2008 20:25:15	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	33077	No
252	GOM_NL__2PRFIN20080627_203233_000000422069_00458_33077_2887.N1	27-JUN-2008 20:32:33	Tw_i_and_stray	42.000	40	The Sco	1.8590	7100.0	84	33077	No
253	GOM_NL__2PRFIN20080627_203413_000000432069_00458_33077_2888.N1	27-JUN-2008 20:34:13	Tw_i_and_stray	43.000	25	35Lam Sco	1.6200	28000.	86	33077	No
254	GOM_NL__2PRFIN20080627_203536_000000442069_00458_33077_2889.N1	27-JUN-2008 20:35:36	Bright	43.500	116	19Del Sgr	2.7000	4100.0	87	33077	No
255	GOM_NL__2PRFIN20080627_204027_000000362069_00458_33077_2890.N1	27-JUN-2008 20:40:27	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33077	No
256	GOM_NL__2PRFIN20080627_204614_000000512069_00458_33077_2891.N1	27-JUN-2008 20:46:14	Bright	51.000	126	60Bet Oph	2.7700	4250.0	102	33077	No
257	GOM_NL__2PRFIN20080627_204835_000000382069_00458_33077_2892.N1	27-JUN-2008 20:48:35	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	33077	No
258	GOM_NL__2PRFIN20080627_205109_000000342069_00458_33077_2893.N1	27-JUN-2008 20:51:09	Bright	34.000	127	27Bet Her	2.7810	4700.0	68	33077	No
259	GOM_NL__2PRFIN20080627_205357_000000522069_00458_33077_2894.N1	27-JUN-2008 20:53:57	Bright	52.000	133	40Zet Her	2.8070	6000.0	104	33077	No
260	GOM_NL__2PRFIN20080627_210007_000000342069_00458_33077_2895.N1	27-JUN-2008 21:00:07	Bright	34.000	130	23Bet Dra	2.7990	5800.0	68	33077	No
261	GOM_NL__2PRFIN20080627_210222_000000372069_00458_33077_2896.N1	27-JUN-2008 21:02:22	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	33077	No
262	GOM_NL__2PRFIN20080627_211036_000000362069_00458_33077_2897.N1	27-JUN-2008 21:10:36	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33077	No
263	GOM_NL__2PRFIN20080627_211759_000000412069_00458_33077_2898.N1	27-JUN-2008 21:17:59	Bright	41.000	110	37Del Cas	2.6780	8900.0	82	33077	No
264	GOM_NL__2PRFIN20080627_212055_000000522069_00458_33077_2899.N1	27-JUN-2008 21:20:55	Bright	52.000	160	23Gam Per	2.9300	4700.0	104	33077	No
265	GOM_NL__2PRFIN20080627_212234_000000332069_00458_33077_2900.N1	27-JUN-2008 21:22:34	Bright	33.000	175	39Del Per	3.0100	19400.	66	33077	No
266	GOM_NL__2PRFIN20080627_212443_000000502069_00458_33077_2901.N1	27-JUN-2008 21:24:43	Bright	49.500	79	26Bet Per	2.3100	13100.	99	33077	No
267	GOM_NL__2PRFIN20080627_213552_000000452069_00458_33077_2902.N1	27-JUN-2008 21:35:52	Dark	45.000	94	92Alp Cet	2.5260	3100.0	90	33077	No
268	GOM_NL__2PRFIN20080627_214759_000000392069_00458_33077_2903.N1	27-JUN-2008 21:47:59	Dark	38.500	157	The1Eri	2.9060	9300.0	77	33077	No
269	GOM_NL__2PRFIN20080627_215403_000000512069_00459_33078_2909.N1	27-JUN-2008 21:54:03	Dark	50.500	9	Alp Eri	0.45300	24000.	101	33078	No
270	GOM_NL__2PRFIN20080627_220114_000000282069_00459_33078_2910.N1	27-JUN-2008 22:01:14	Straylight	28.000	63	Bet Gru	2.1500	2800.0	56	33078	No
271	GOM_NL__2PRFIN20080627_220552_000000412069_00459_33078_2911.N1	27-JUN-2008 22:05:52	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	33078	No
272	GOM_NL__2PRFIN20080627_221309_000000422069_00459_33078_2912.N1	27-JUN-2008 22:13:09	Tw_i_and_stray	41.500	40	The Sco	1.8590	7100.0	83	33078	No
273	GOM_NL__2PRFIN20080627_221449_000000402069_00459_33078_2913.N1	27-JUN-2008 22:14:49	Tw_i_and_stray	40.000	25	35Lam Sco	1.6200	28000.	80	33078	No
274	GOM_NL__2PRFIN20080627_221612_000000442069_00459_33078_2914.N1	27-JUN-2008 22:16:12	Bright	43.500	116	19Del Sgr	2.7000	4100.0	87	33078	No
275	GOM_NL__2PRFIN20080627_222103_000000352069_00459_33078_2915.N1	27-JUN-2008 22:21:03	Bright	34.500	86	35Eta Oph	2.4300	10200.	69	33078	No
276	GOM_NL__2PRFIN20080627_222650_000000382069_00459_33078_2916.N1	27-JUN-2008 22:26:50	Bright	38.000	126	60Bet Oph	2.7700	4250.0	76	33078	No
277	GOM_NL__2PRFIN20080627_222911_000000372069_00459_33078_2917.N1	27-JUN-2008 22:29:11	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	33078	No
278	GOM_NL__2PRFIN20080627_223145_000000372069_00459_33078_2918.N1	27-JUN-2008 22:31:45	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	33078	No

279	GOM_NL__2PRFIN20080627_223433_000000362069_00459_33078_2919.N1	27-JUN-2008 22:34:33	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	33078	No
280	GOM_NL__2PRFIN20080627_224042_000000382069_00459_33078_2920.N1	27-JUN-2008 22:40:42	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	33078	No
281	GOM_NL__2PRFIN20080627_224258_000000372069_00459_33078_2921.N1	27-JUN-2008 22:42:58	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	33078	No
282	GOM_NL__2PRFIN20080627_225112_000000372069_00459_33078_2922.N1	27-JUN-2008 22:51:12	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33078	No
283	GOM_NL__2PRFIN20080627_225835_000000402069_00459_33078_2923.N1	27-JUN-2008 22:58:35	Bright	40.000	110	37Del Cas	2.6780	8900.0	80	33078	No
284	GOM_NL__2PRFIN20080627_230131_000000552069_00459_33078_2924.N1	27-JUN-2008 23:01:31	Bright	55.000	160	23Gam Per	2.9300	4700.0	110	33078	No
285	GOM_NL__2PRFIN20080627_230310_000000332069_00459_33078_2925.N1	27-JUN-2008 23:03:10	Bright	33.000	175	39Del Per	3.0100	19400.	66	33078	No
286	GOM_NL__2PRFIN20080627_230519_000000372069_00459_33078_2926.N1	27-JUN-2008 23:05:19	Bright	36.500	79	26Bet Per	2.3100	13100.	73	33078	No
287	GOM_NL__2PRFIN20080627_231628_000000472069_00459_33078_2927.N1	27-JUN-2008 23:16:28	Dark	47.000	94	92Alp Cet	2.5260	3100.0	94	33078	No
288	GOM_NL__2PRFIN20080627_232835_000000392069_00459_33078_2928.N1	27-JUN-2008 23:28:35	Dark	38.500	157	The1Eri	2.9060	9300.0	77	33078	No
289	GOM_NL__2PRFIN20080627_233439_000000432069_00460_33079_2933.N1	27-JUN-2008 23:34:39	Dark	43.000	9	Alp Eri	0.45300	24000.	86	33079	No

3. Quality information per product

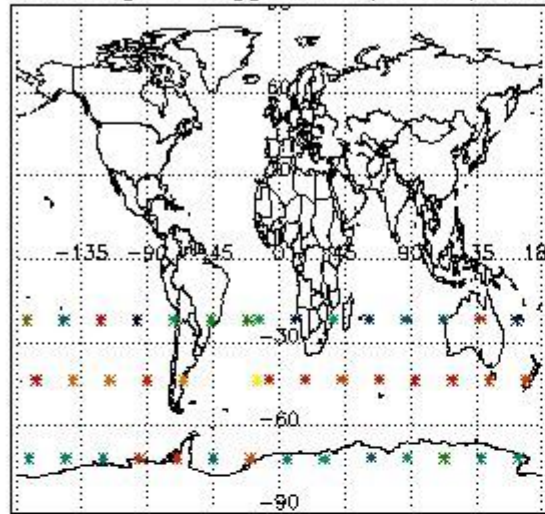
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

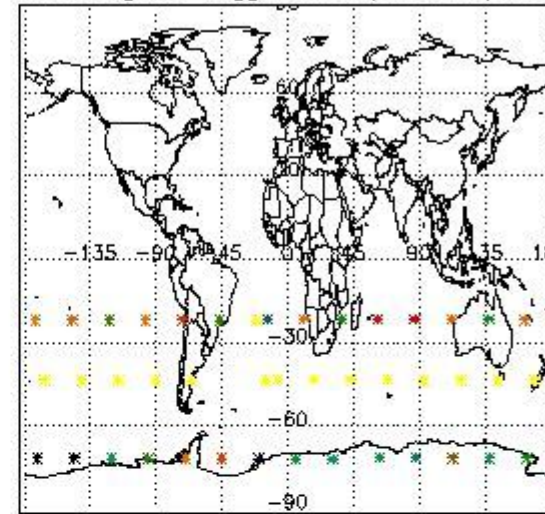


3.2 Plot quality information per product (world map)

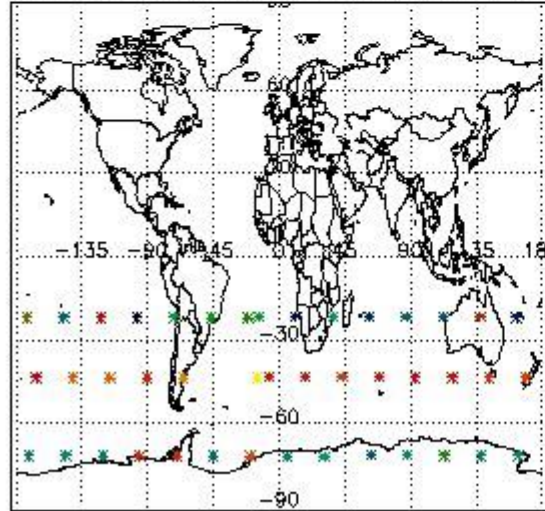
Percentage of flagged data per O3 profile



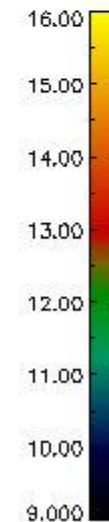
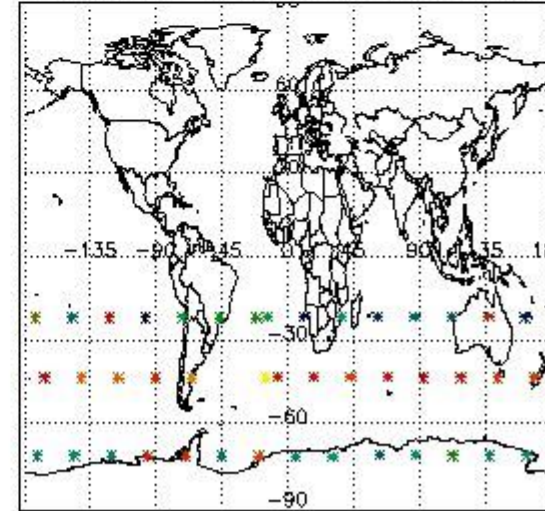
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

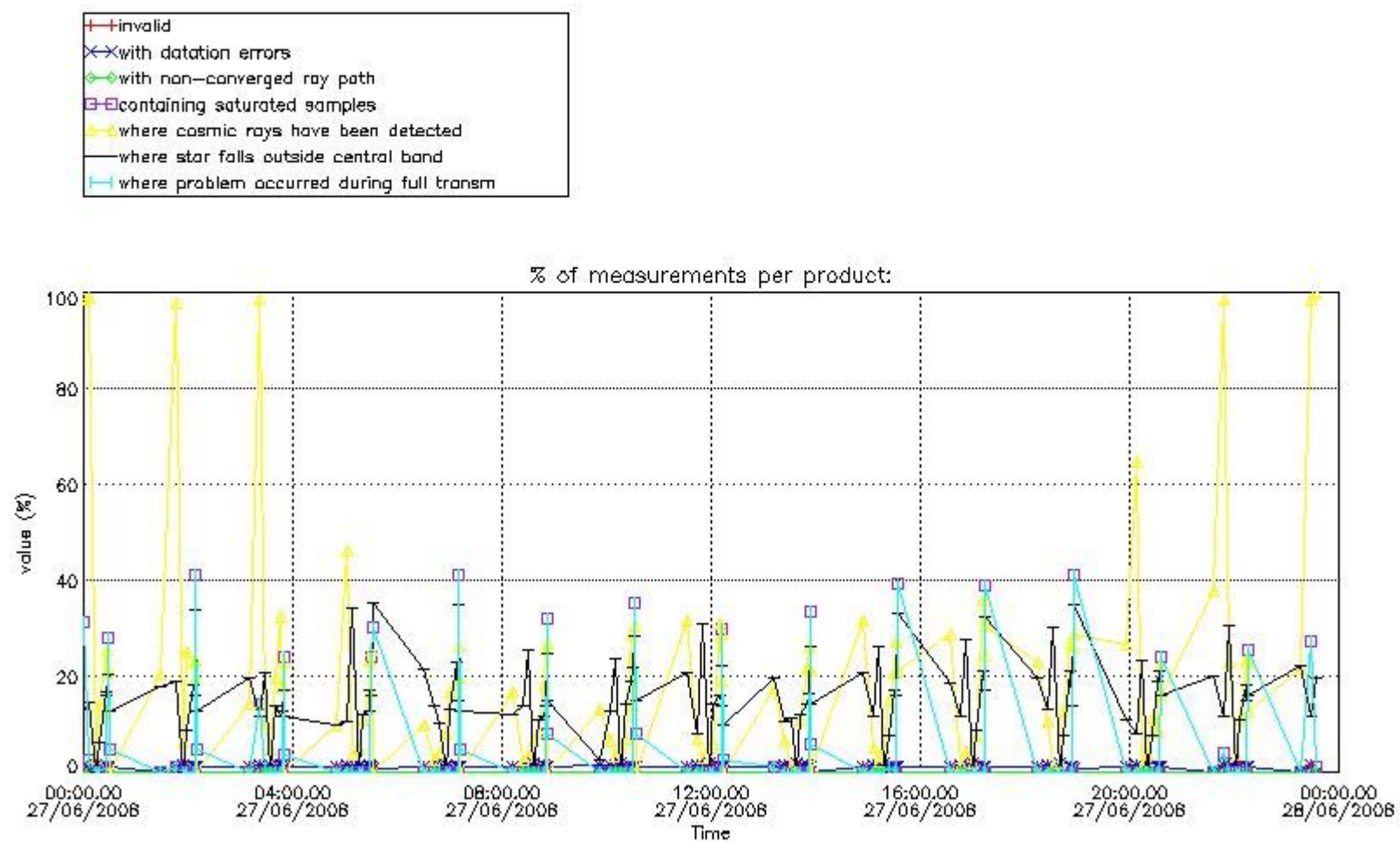


4. Level 1 quality information per product

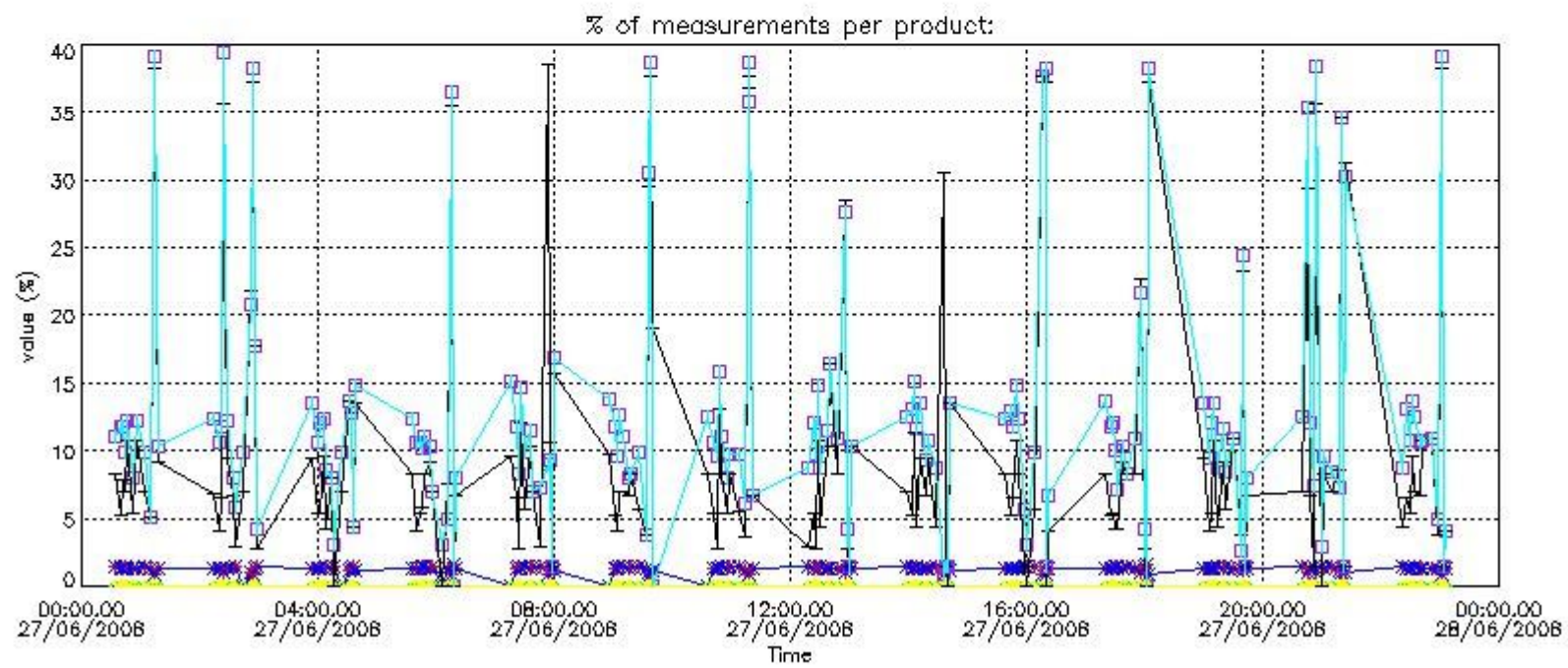
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

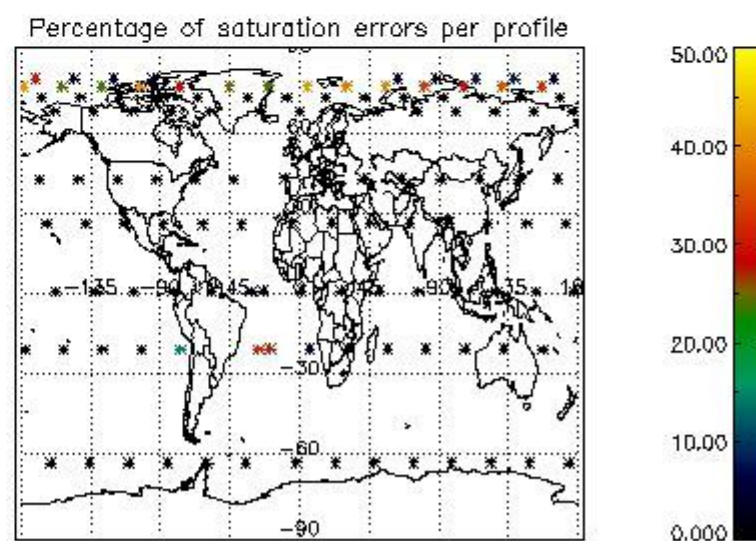
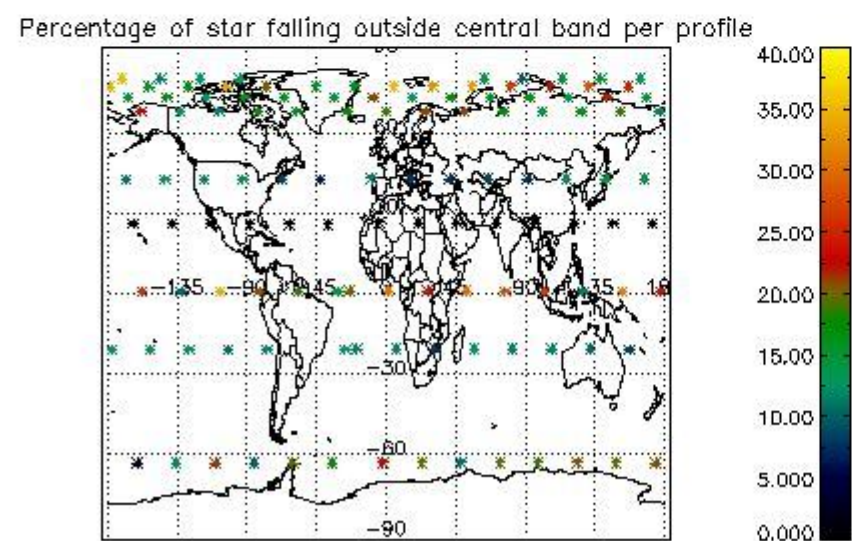
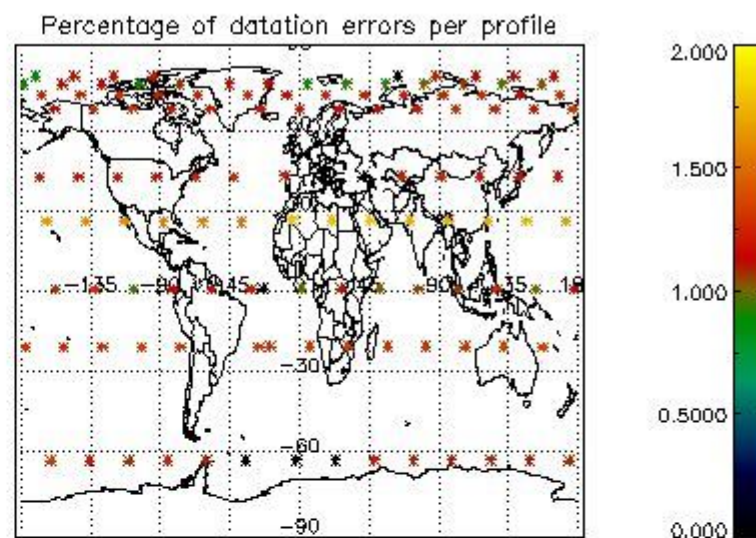
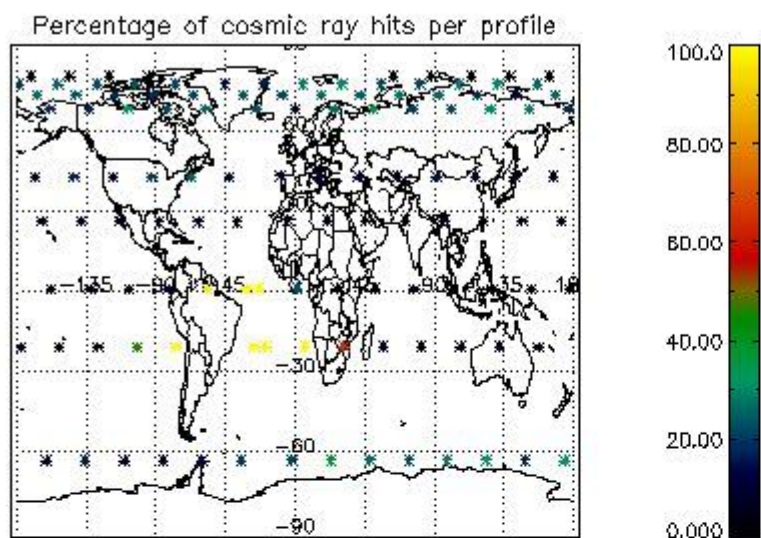


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

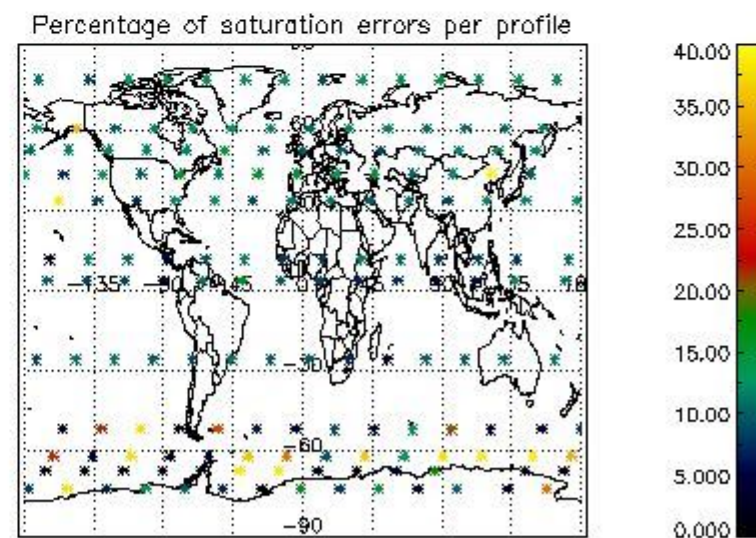
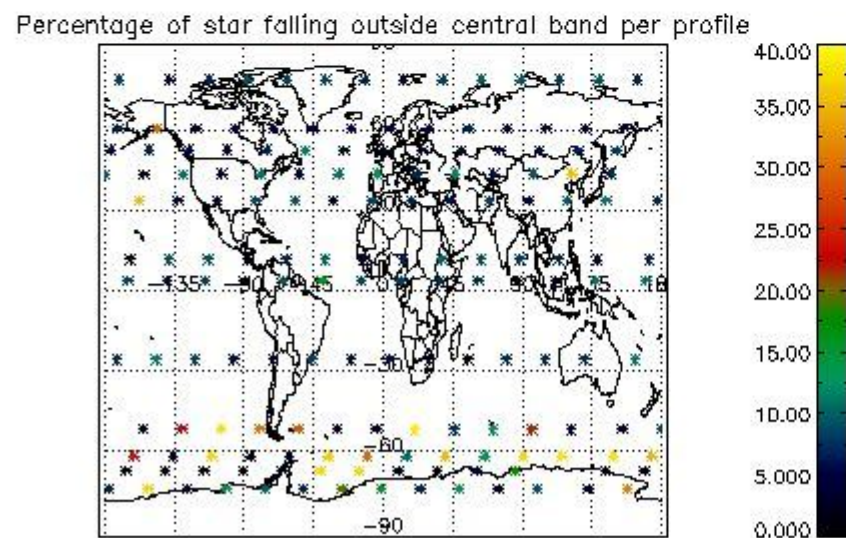
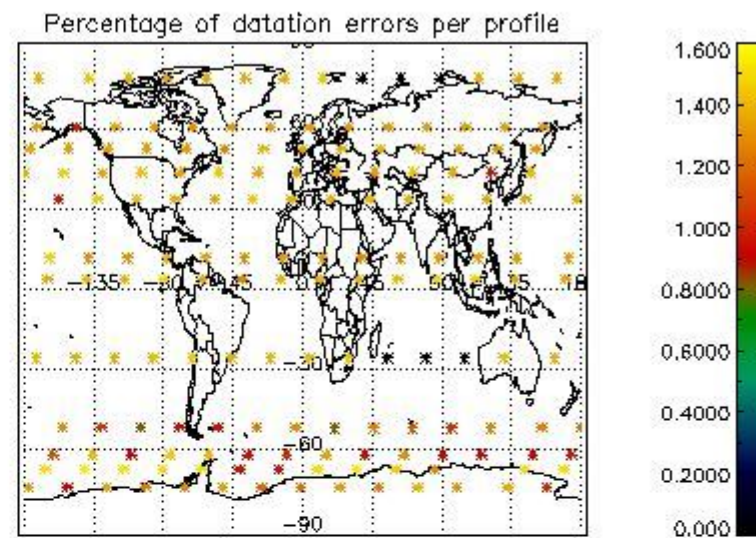
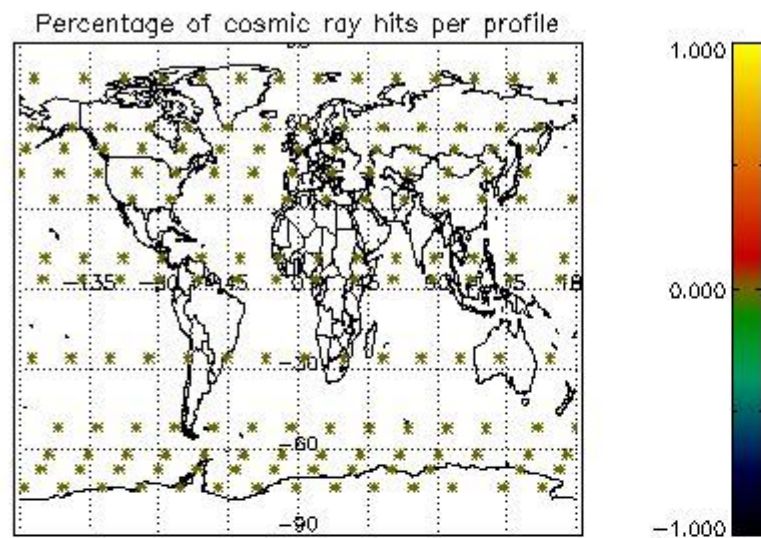


4.2 Plot quality information per product coming from level 1b processing (world map)

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

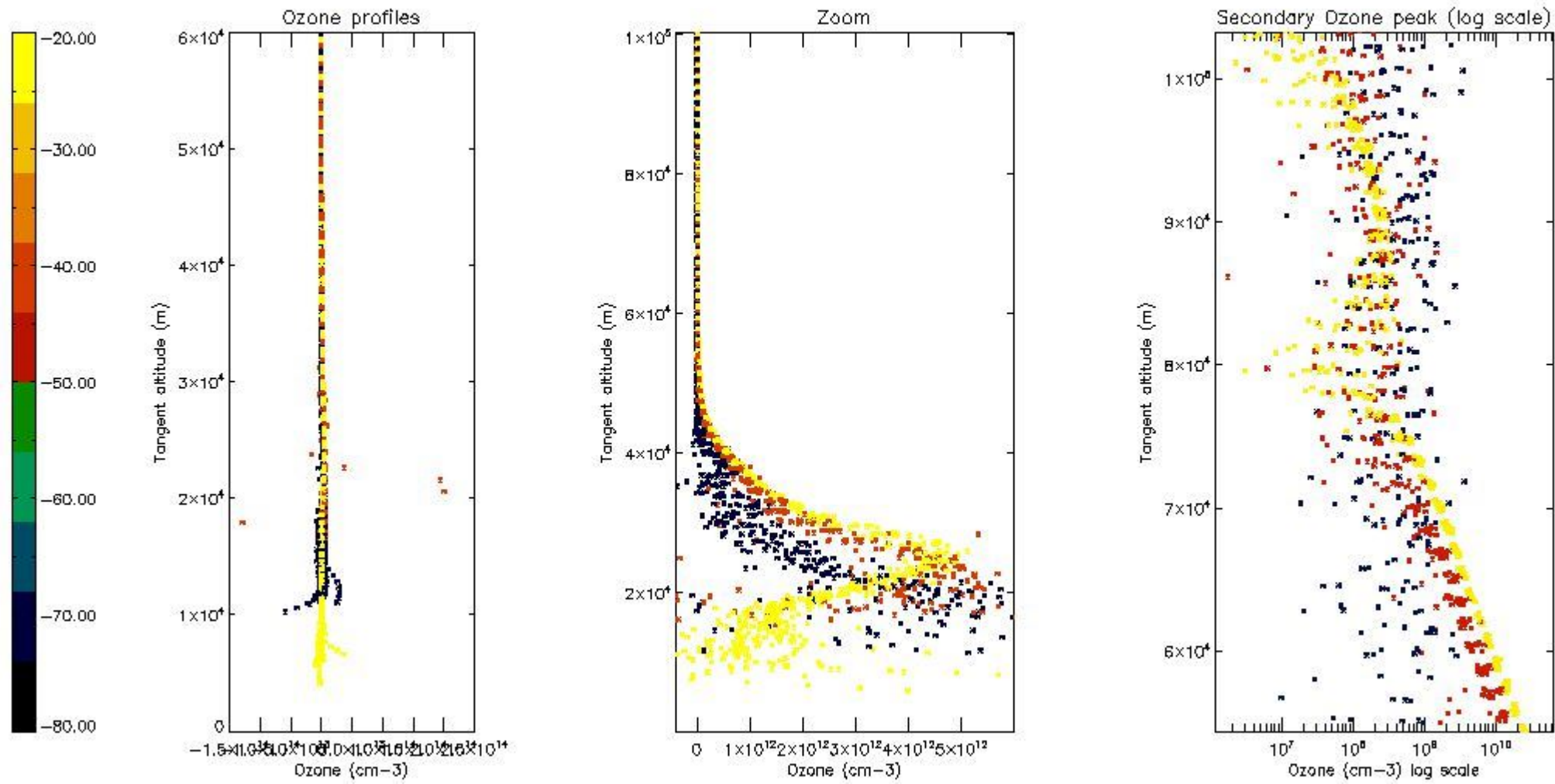
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	17
STD < 20	7

STD < 10	5
STD < 5	3

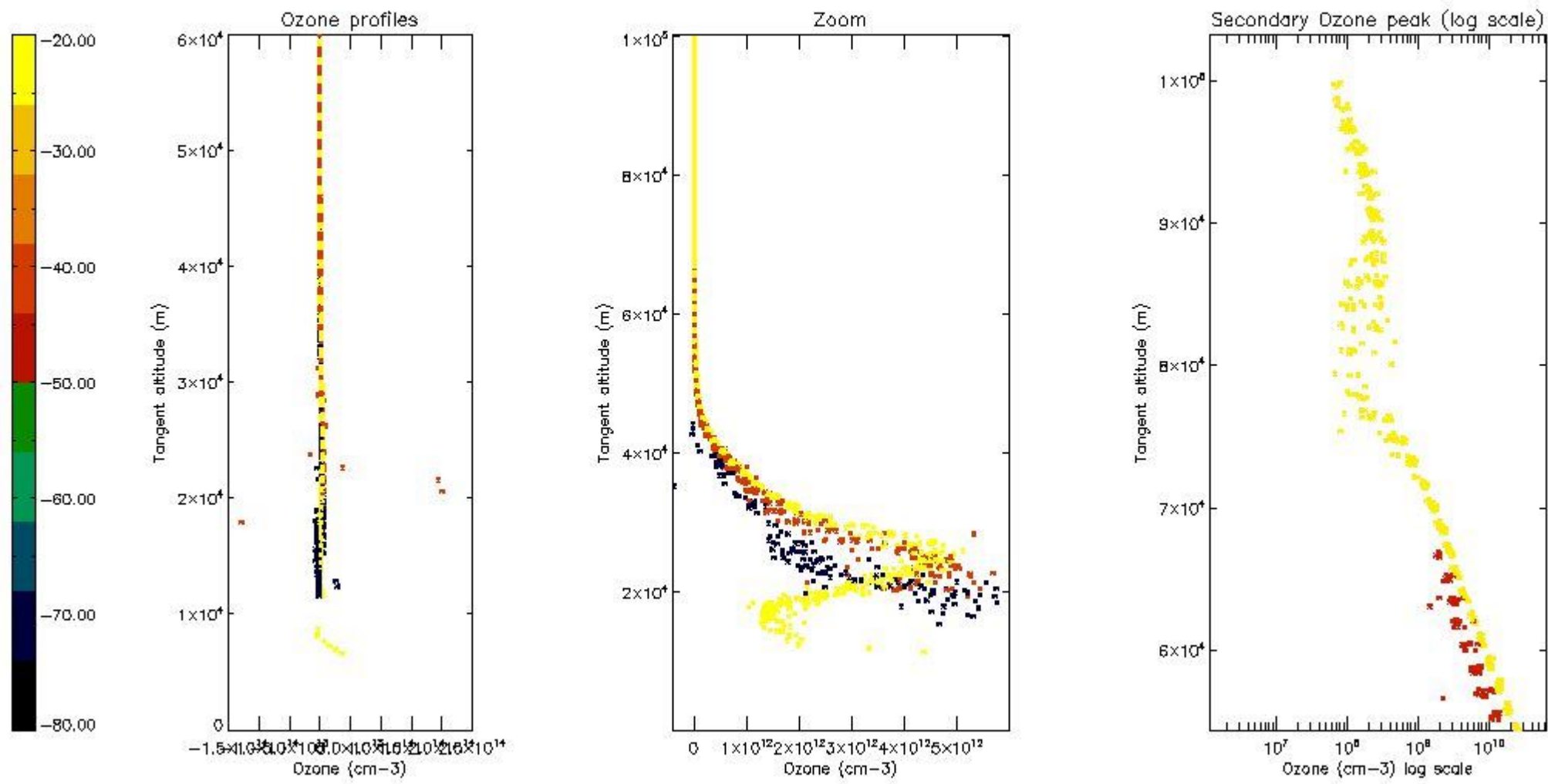
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



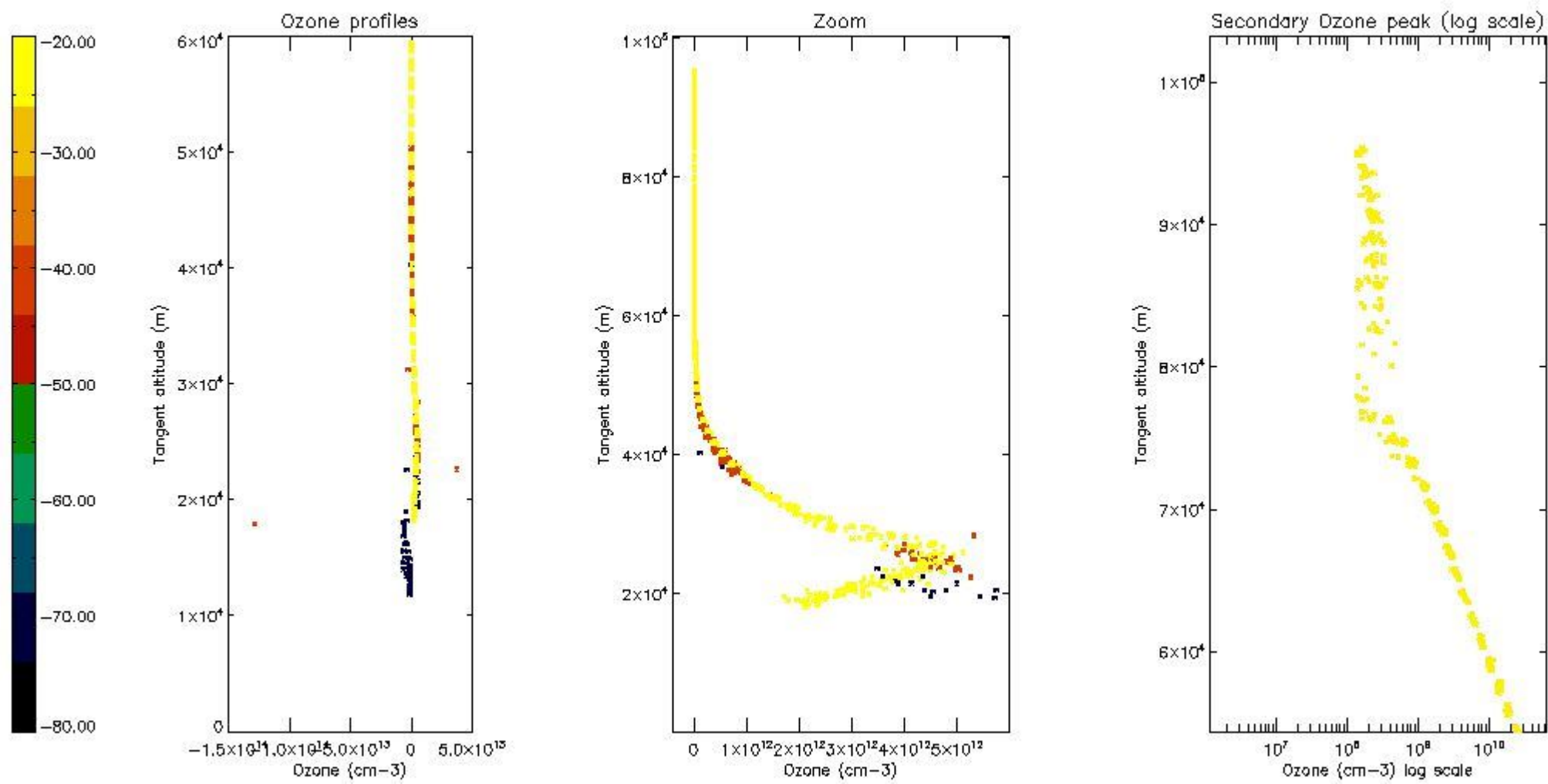
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



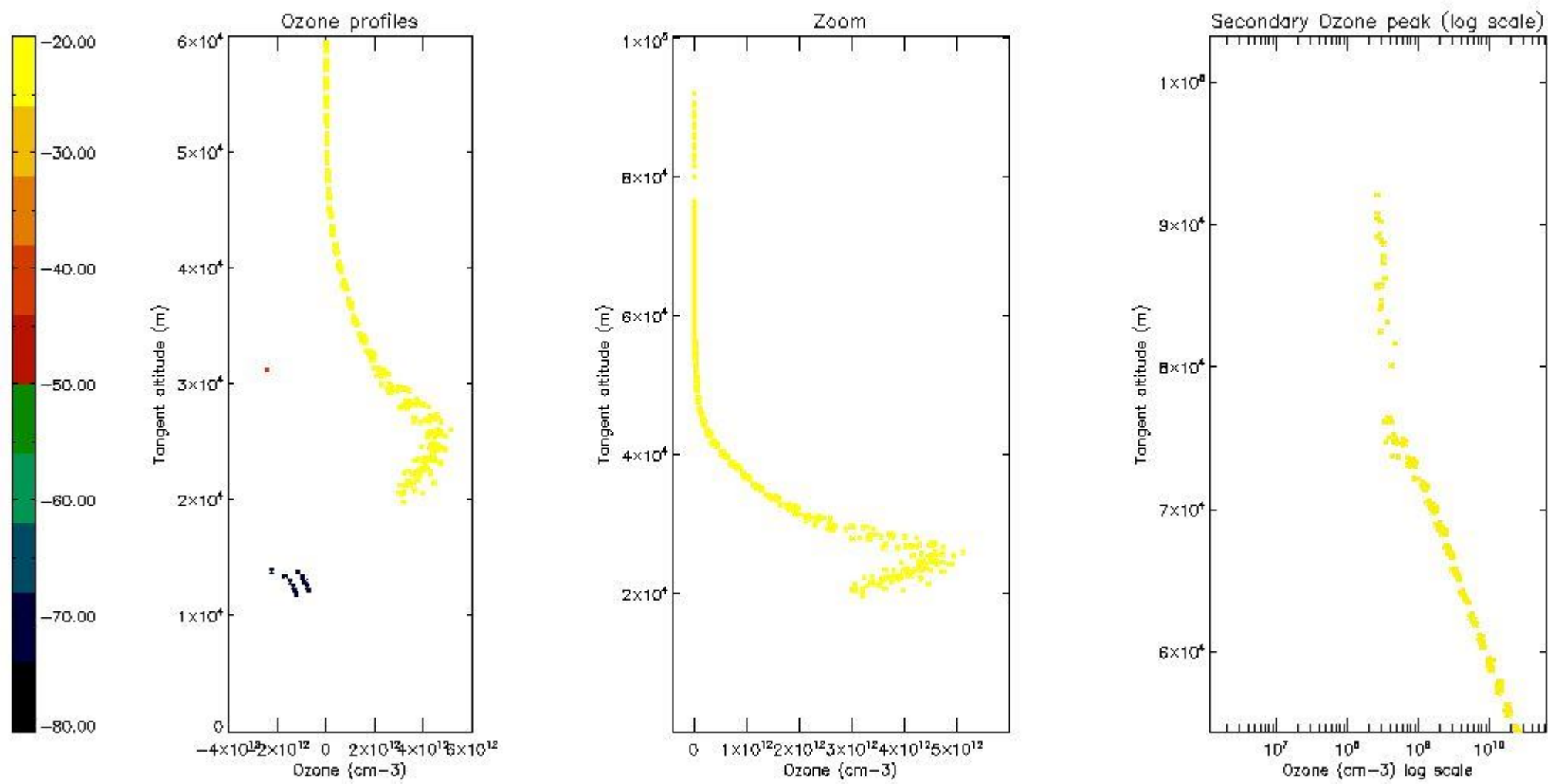
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



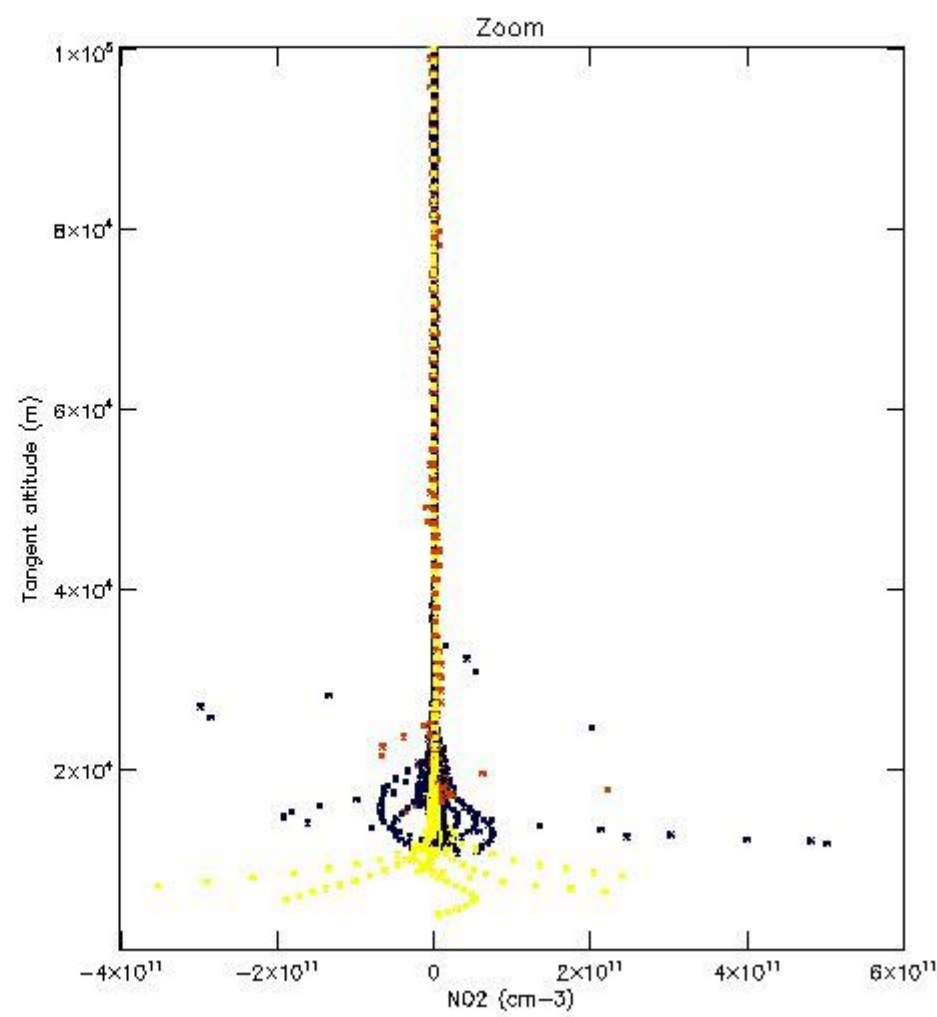
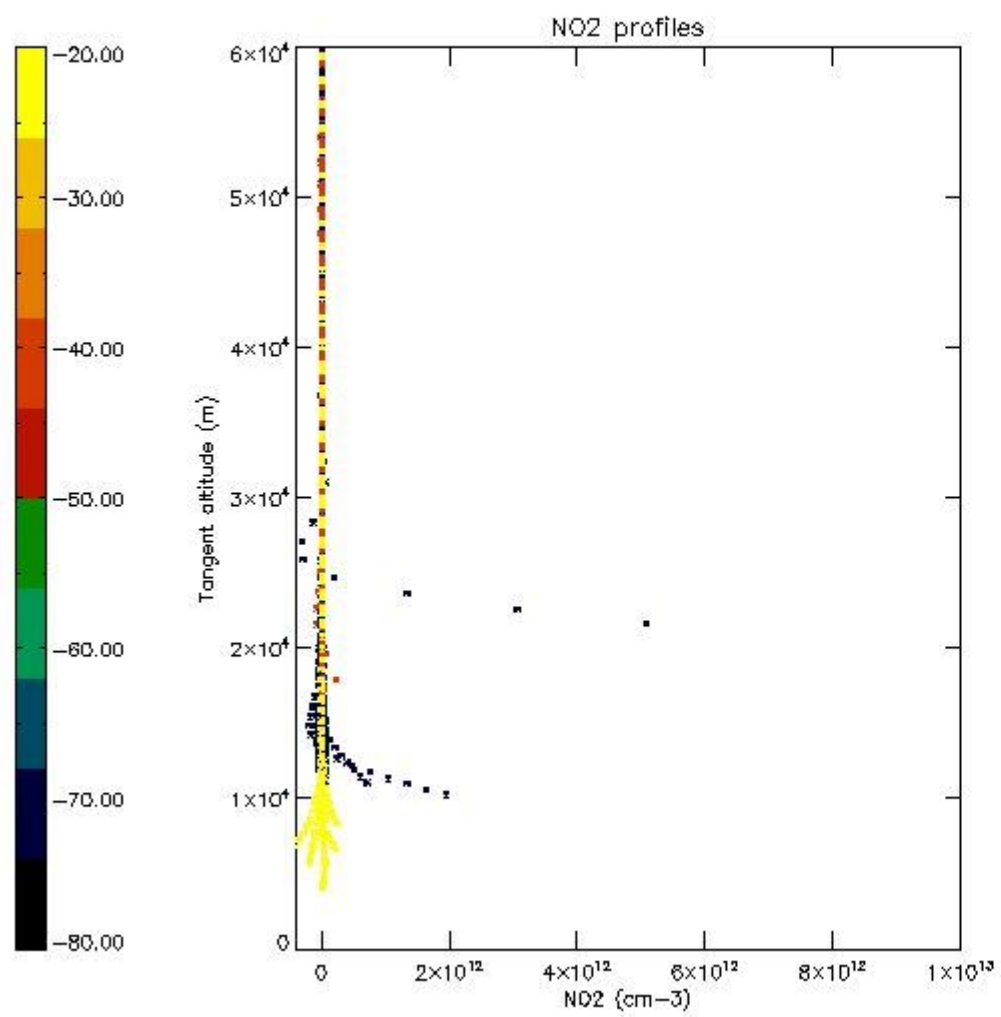
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



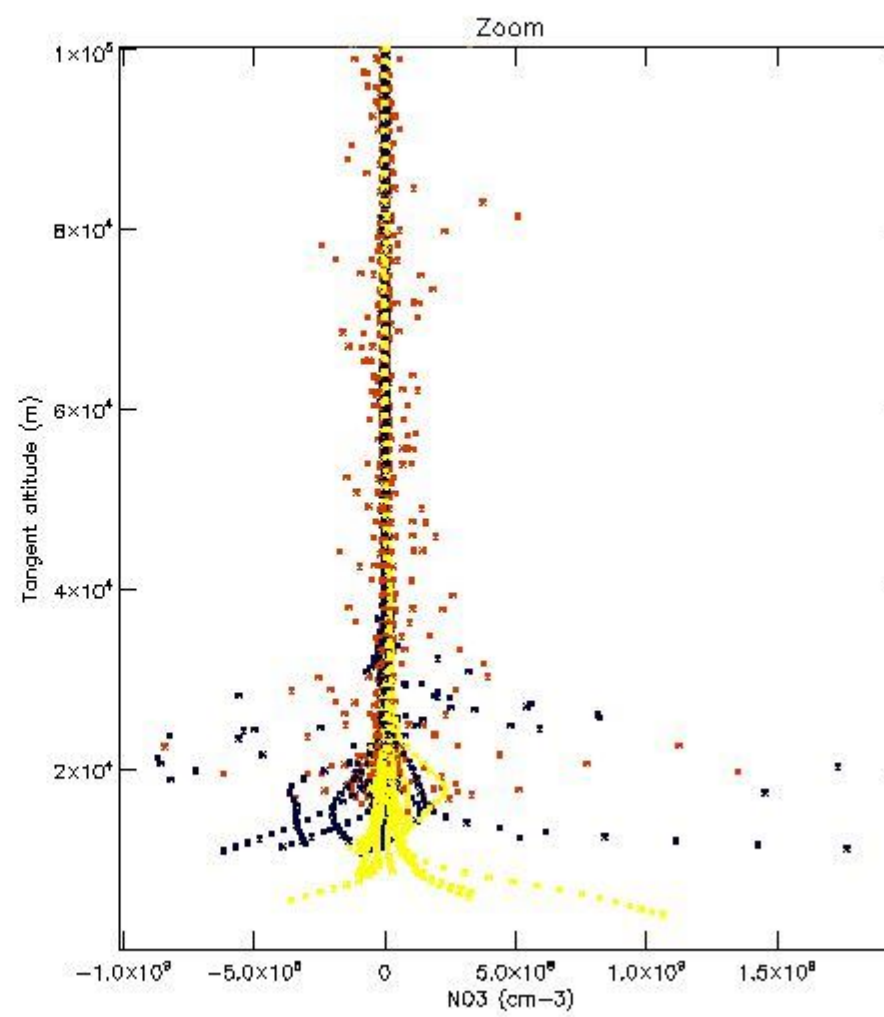
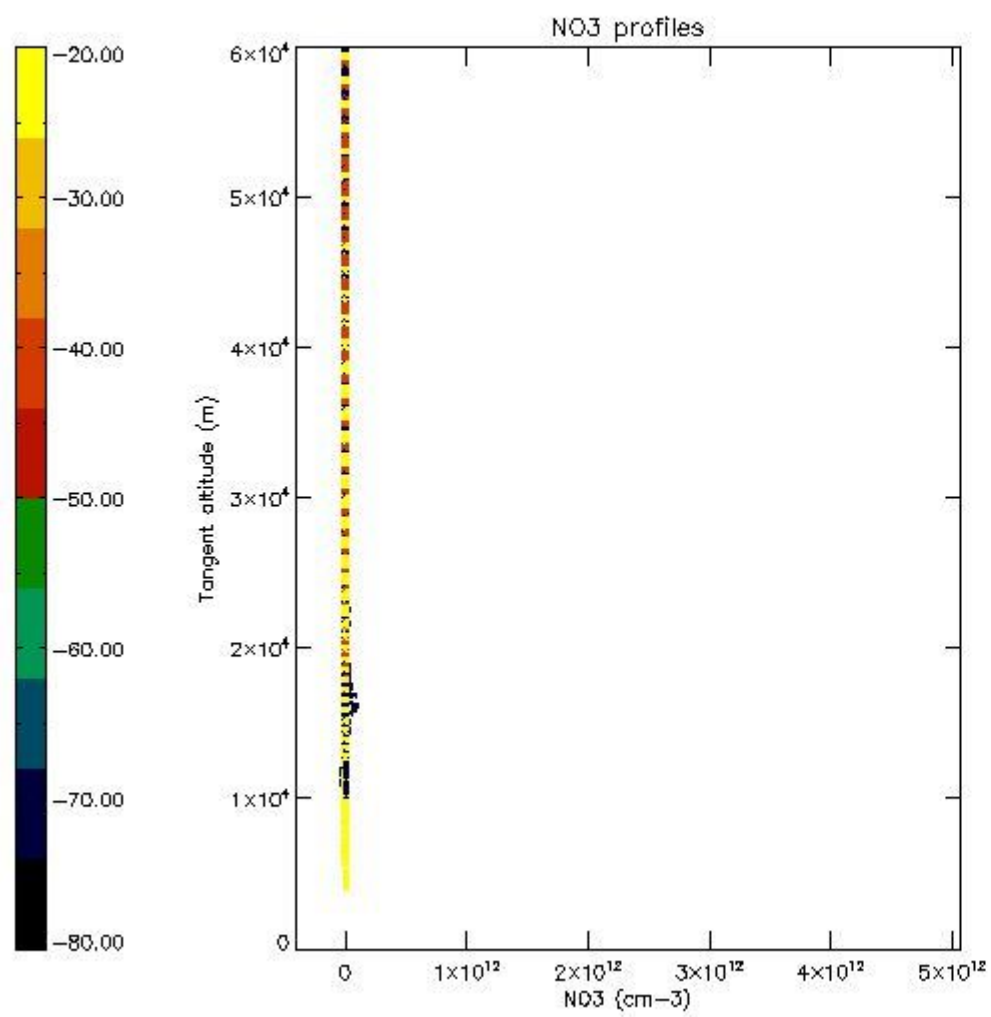
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



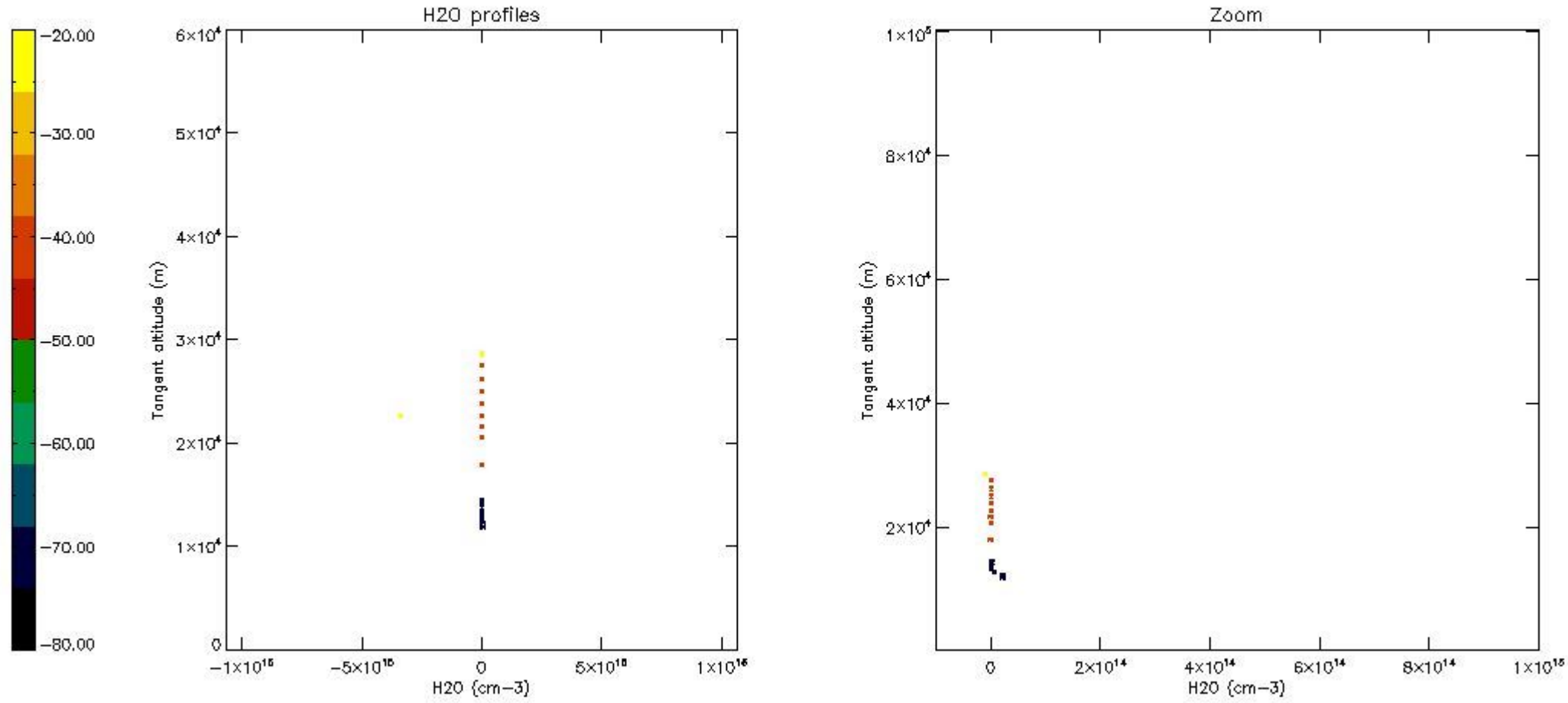
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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)

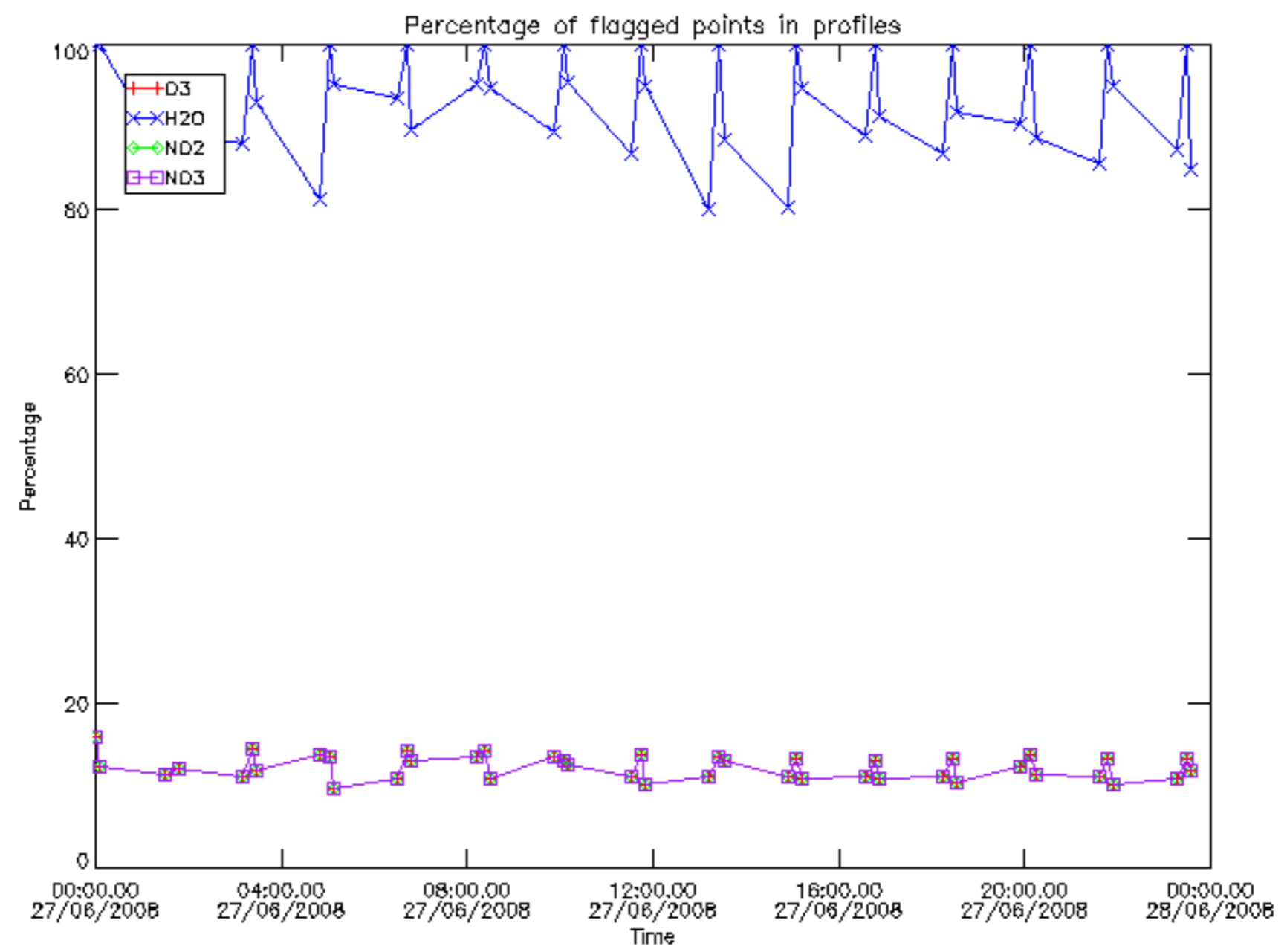
The colorbar represents the latitude.



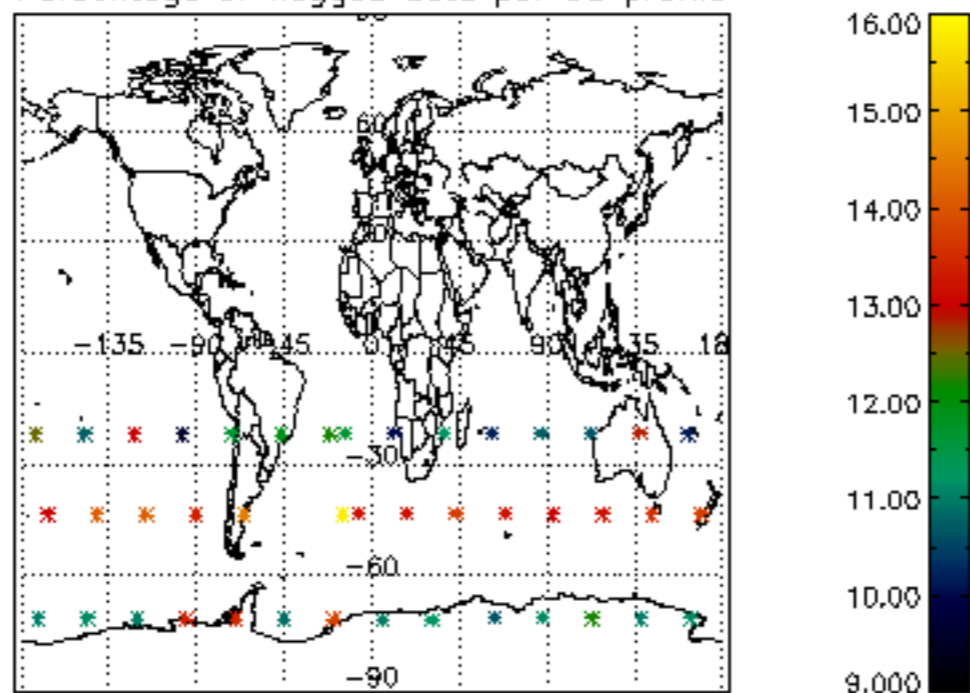
6. Auxiliary Data Files used for the production reported in section 2

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.

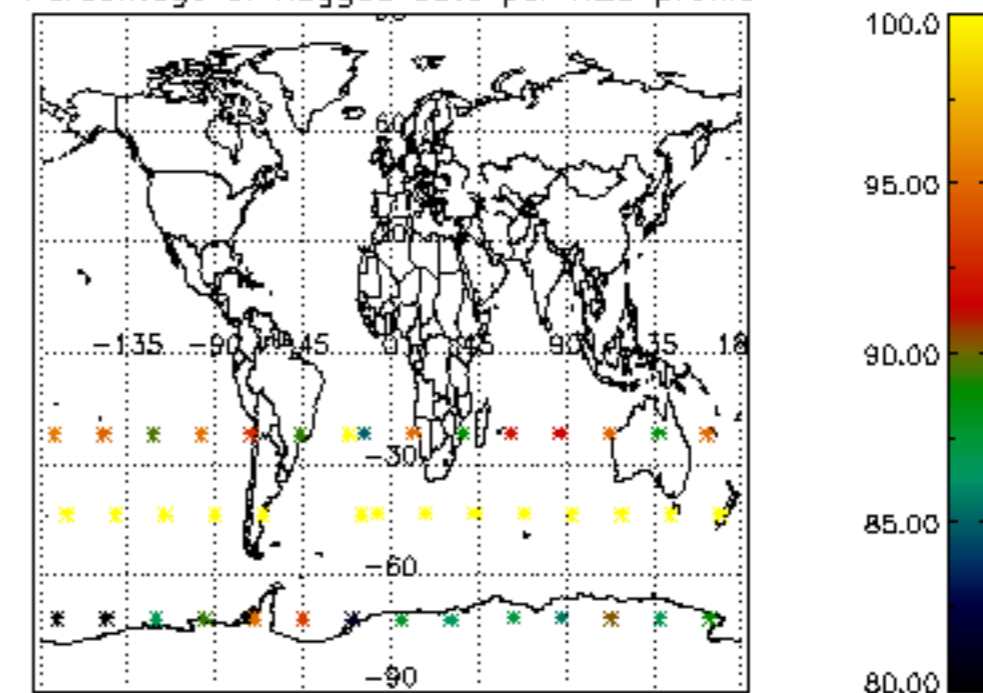
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	27-JUN-2008 00:00:07
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	27-JUN-2008 00:00:07
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	27-JUN-2008 00:00:07



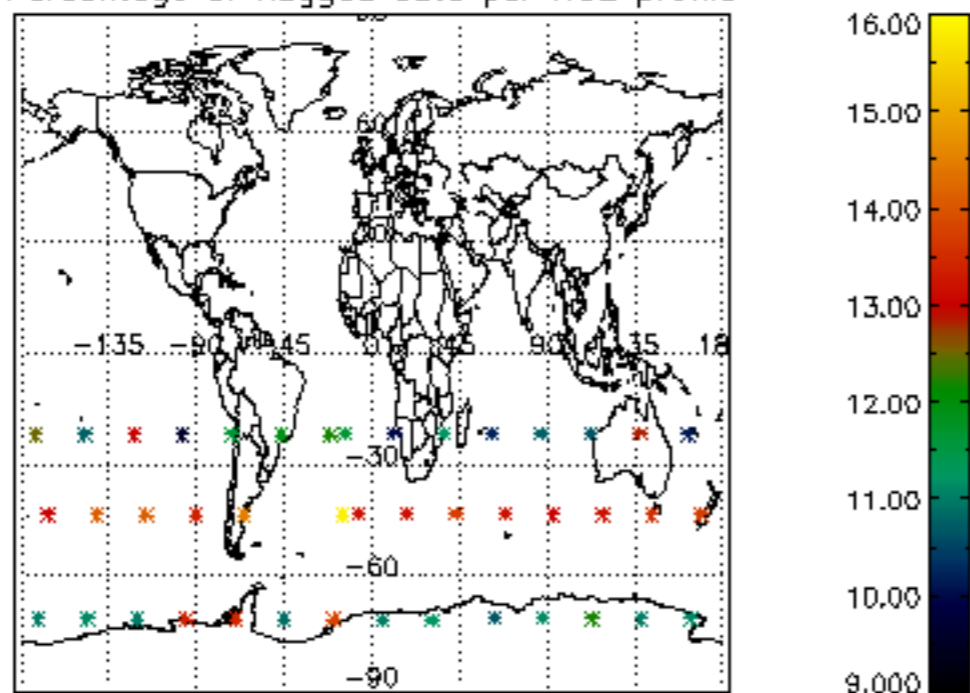
Percentage of flagged data per D3 profile



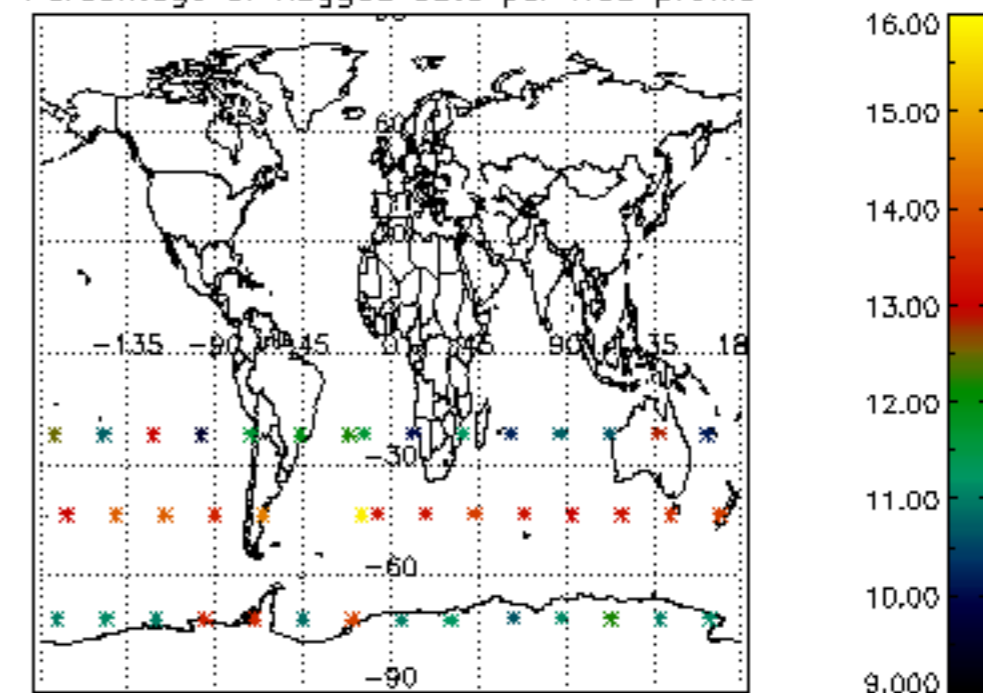
Percentage of flagged data per H2O profile

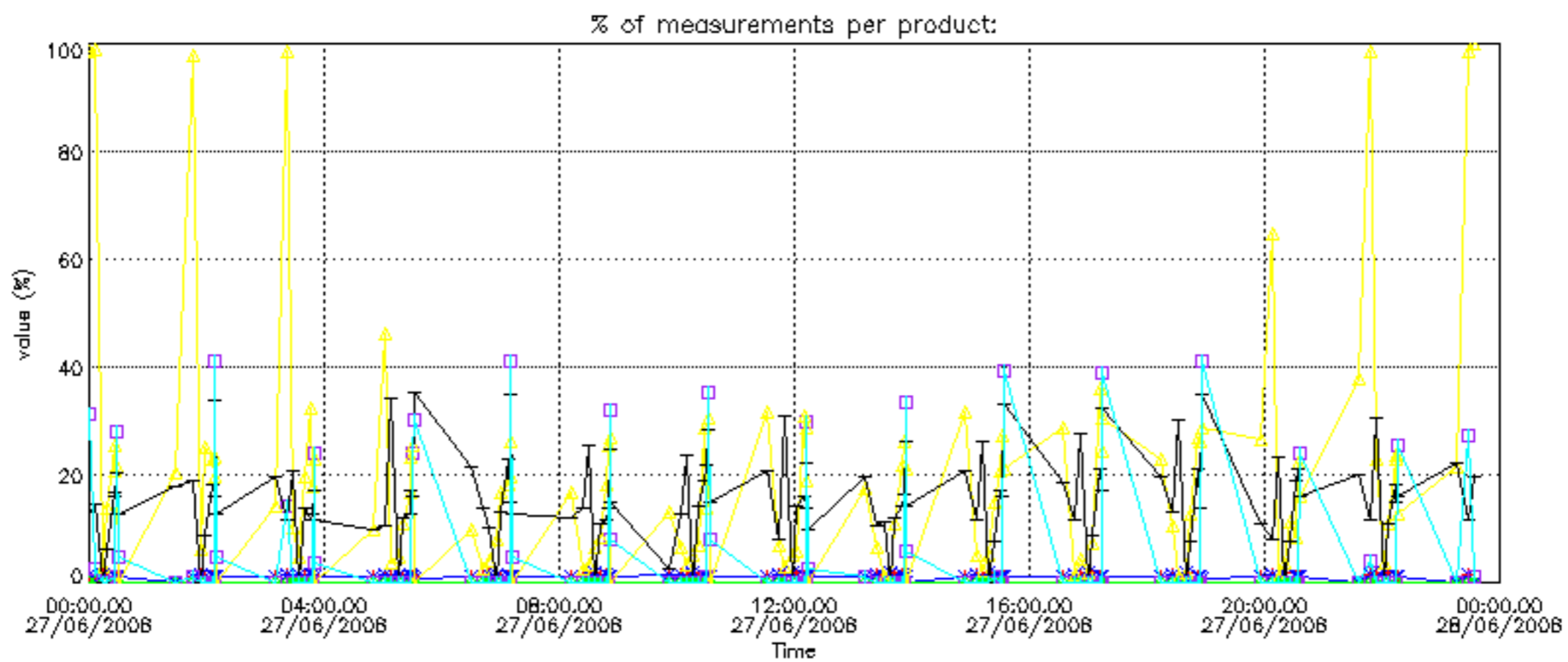


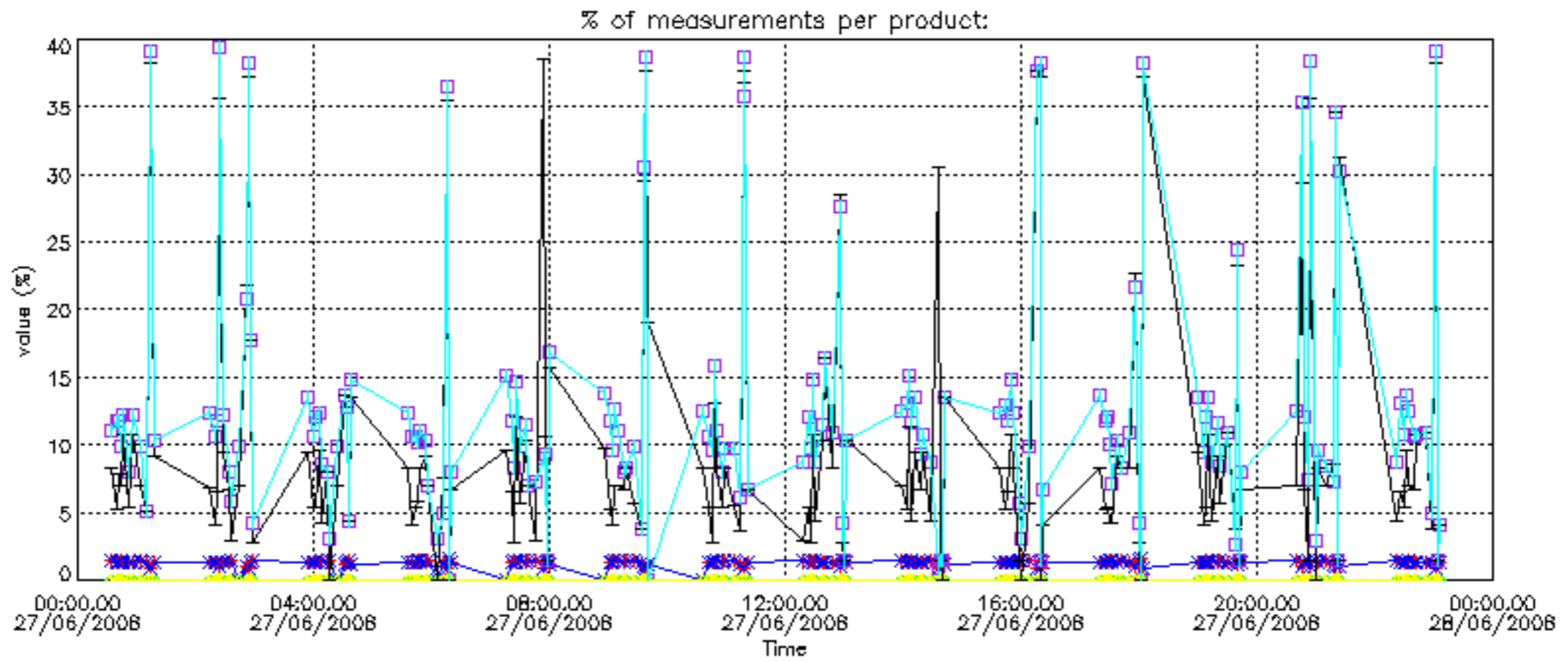
Percentage of flagged data per NO2 profile



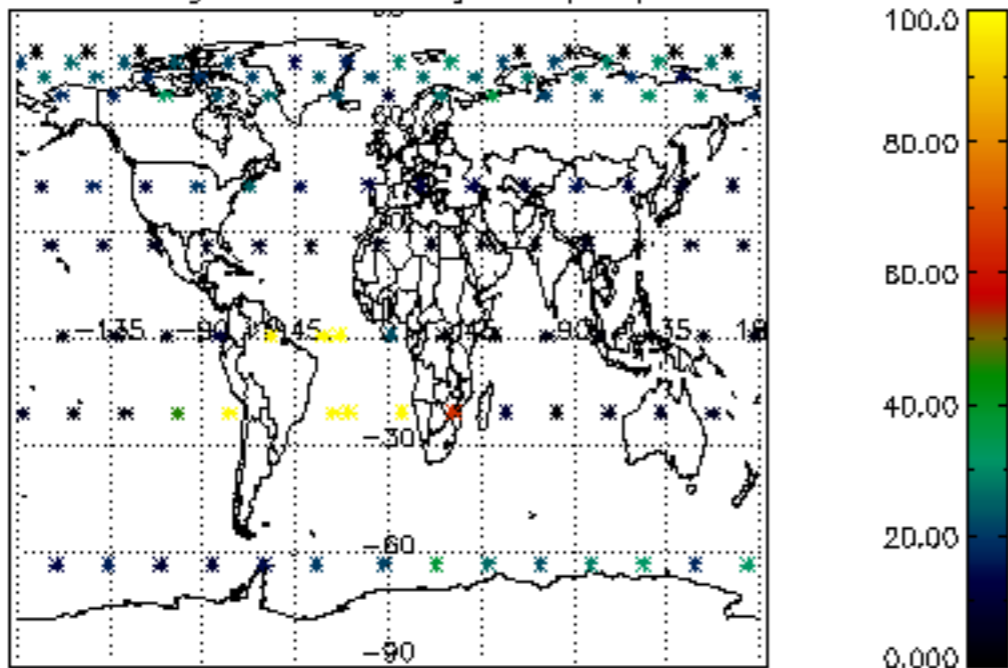
Percentage of flagged data per NO3 profile



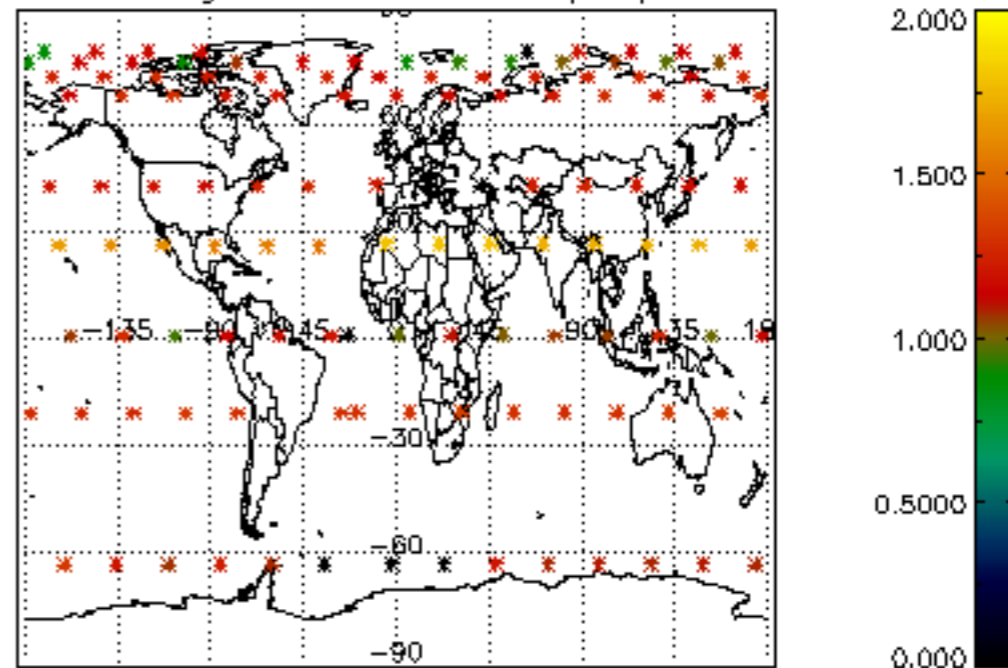




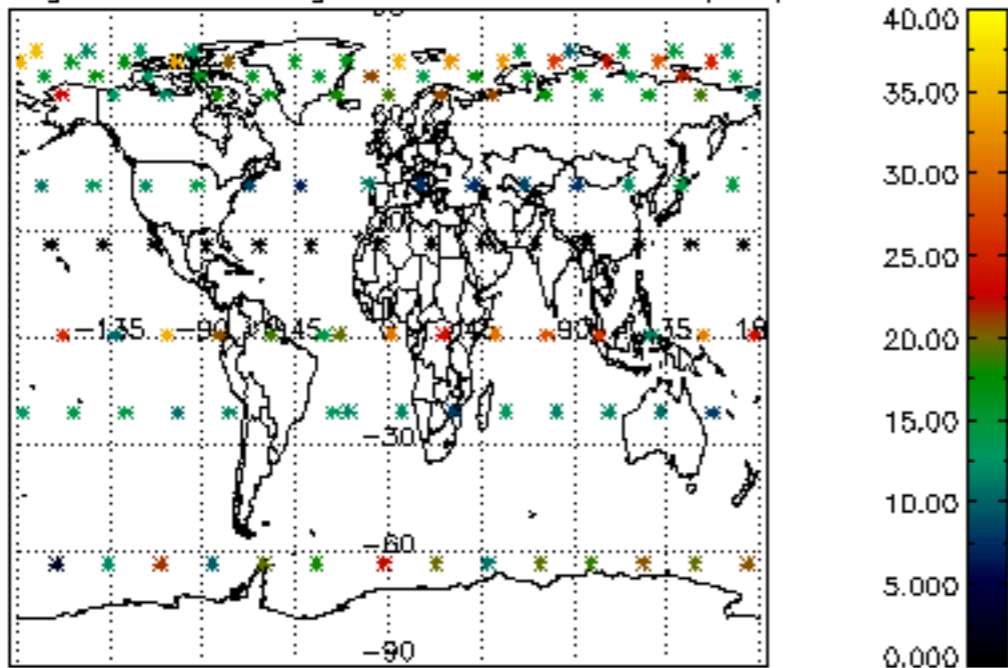
Percentage of cosmic ray hits per profile



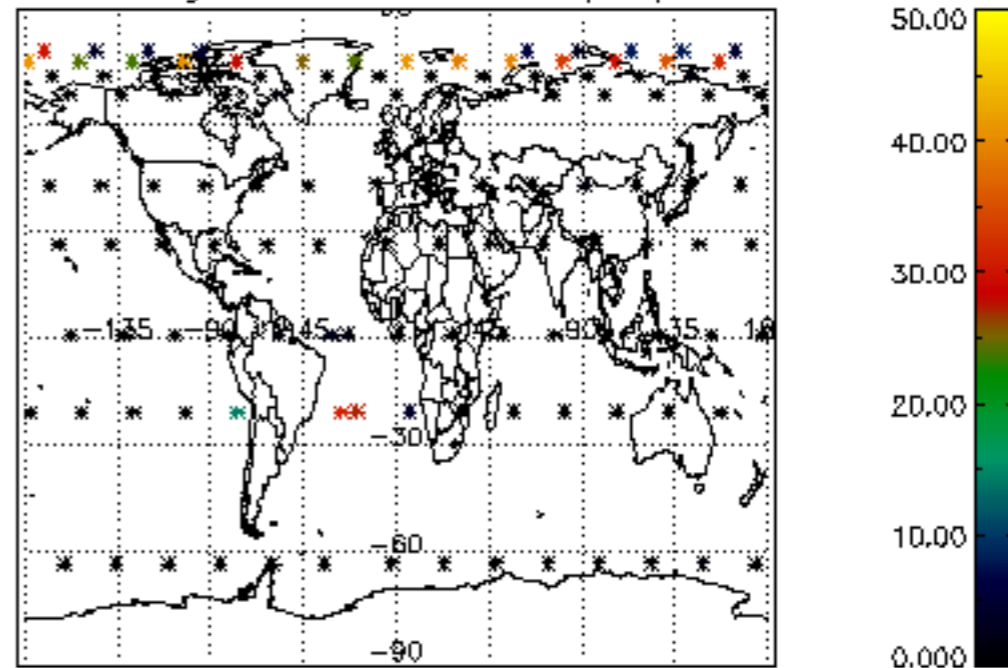
Percentage of datation errors per profile



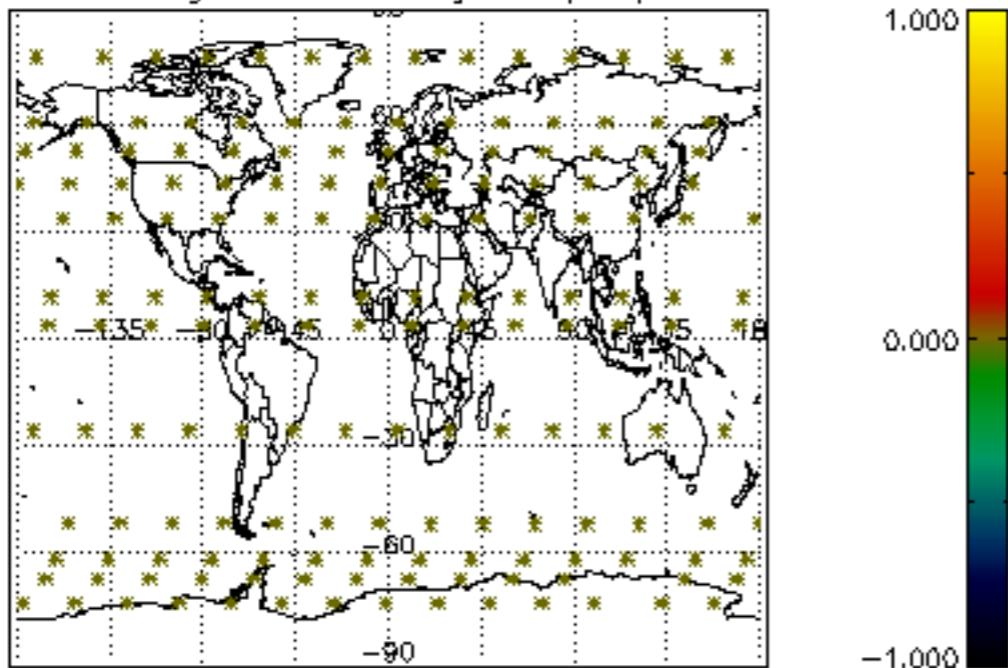
Percentage of star falling outside central band per profile



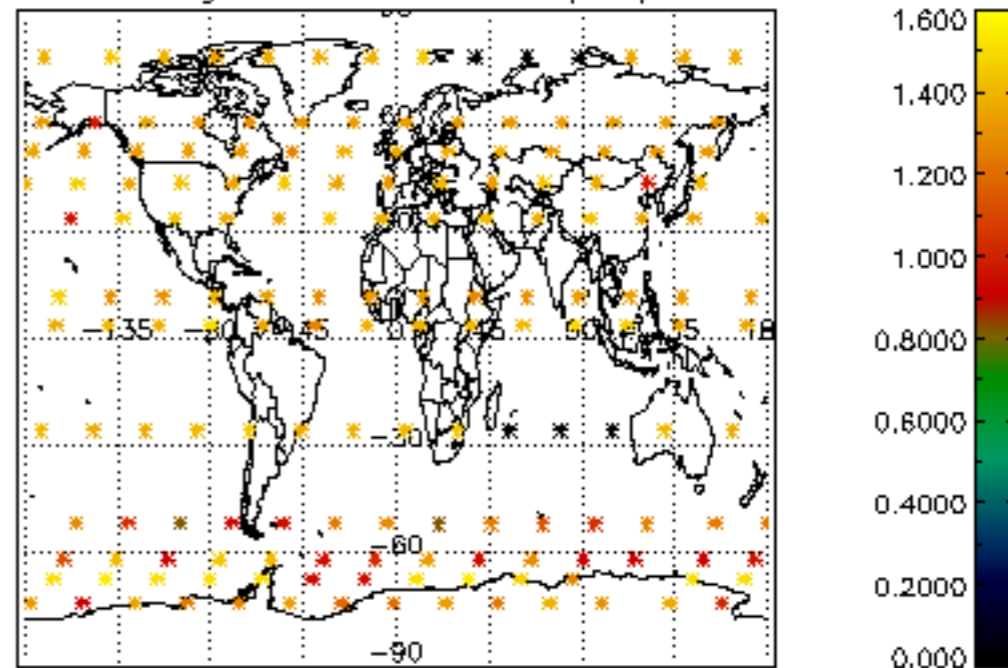
Percentage of saturation errors per profile



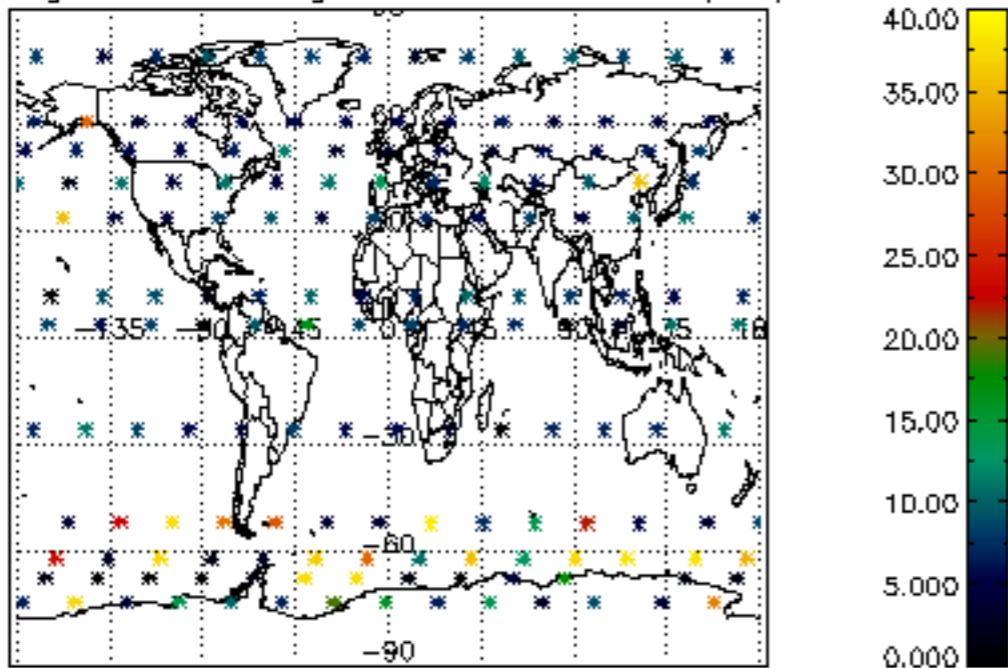
Percentage of cosmic ray hits per profile



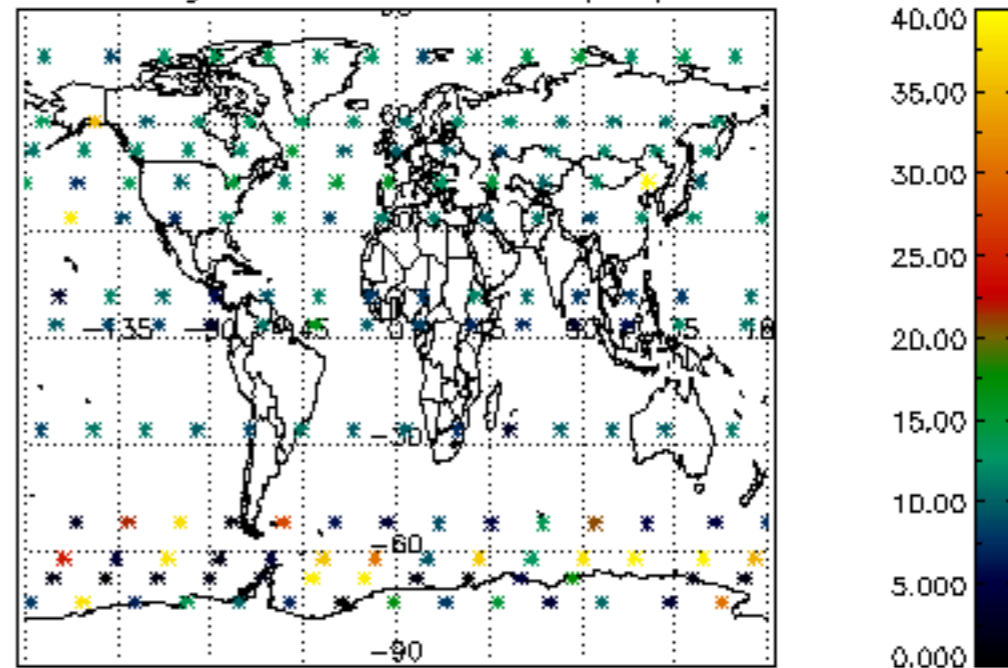
Percentage of datation errors per profile

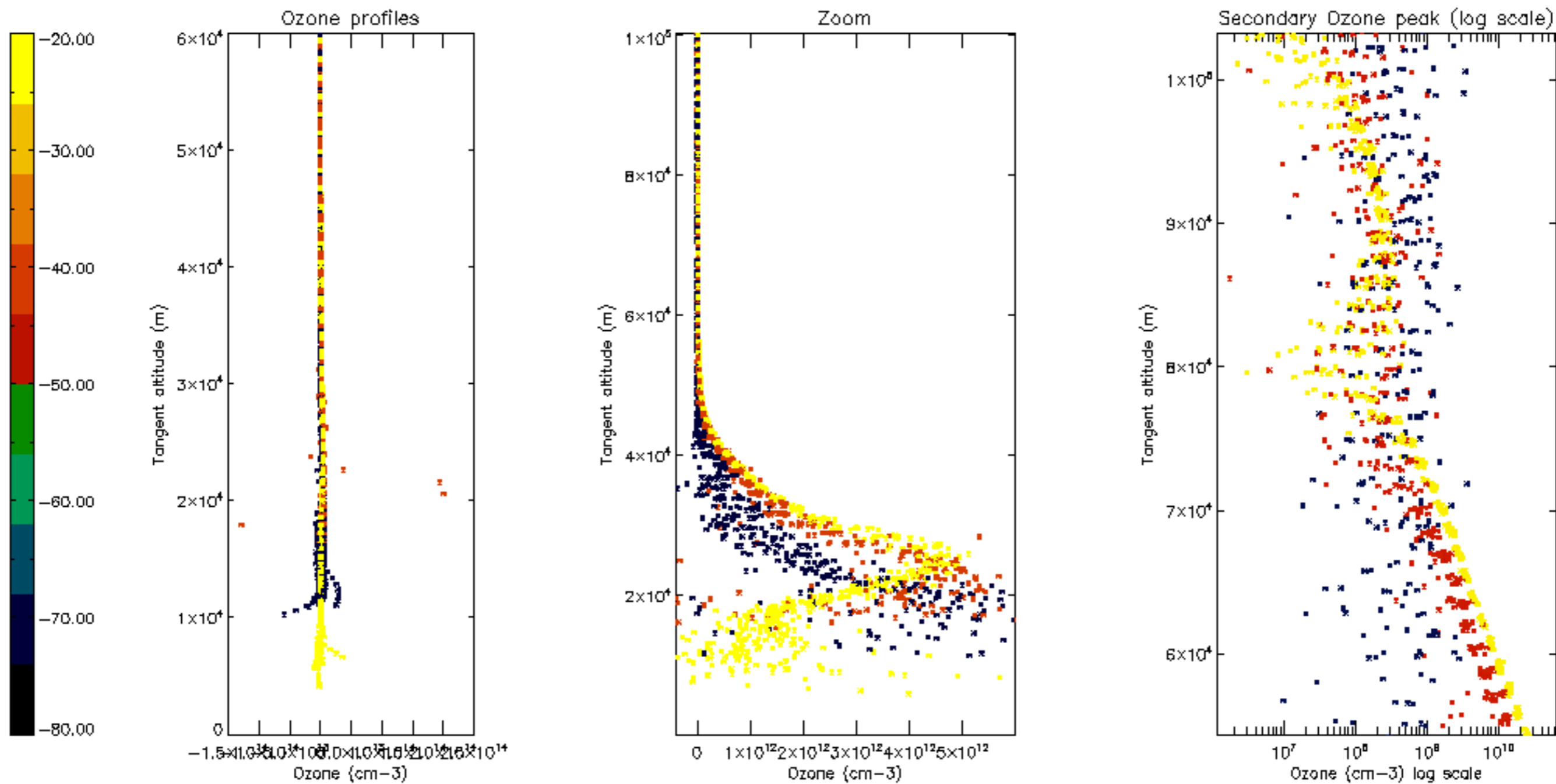


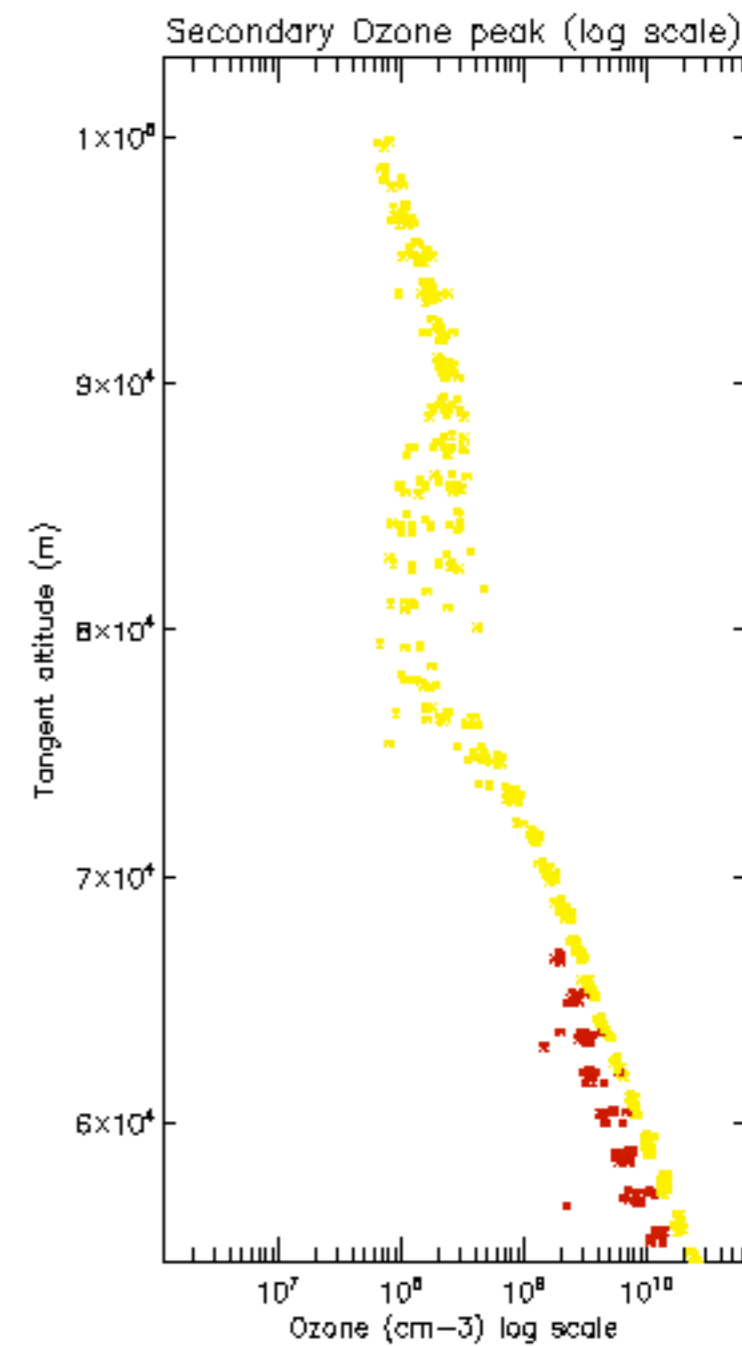
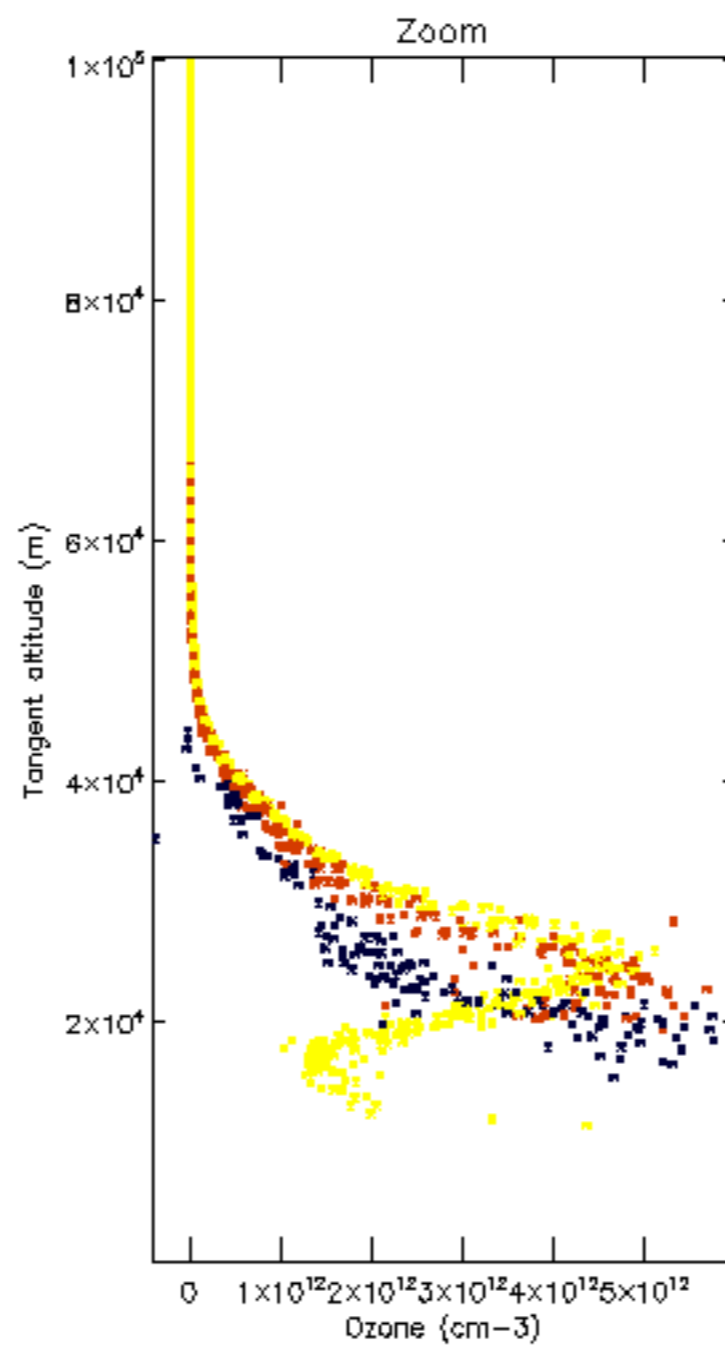
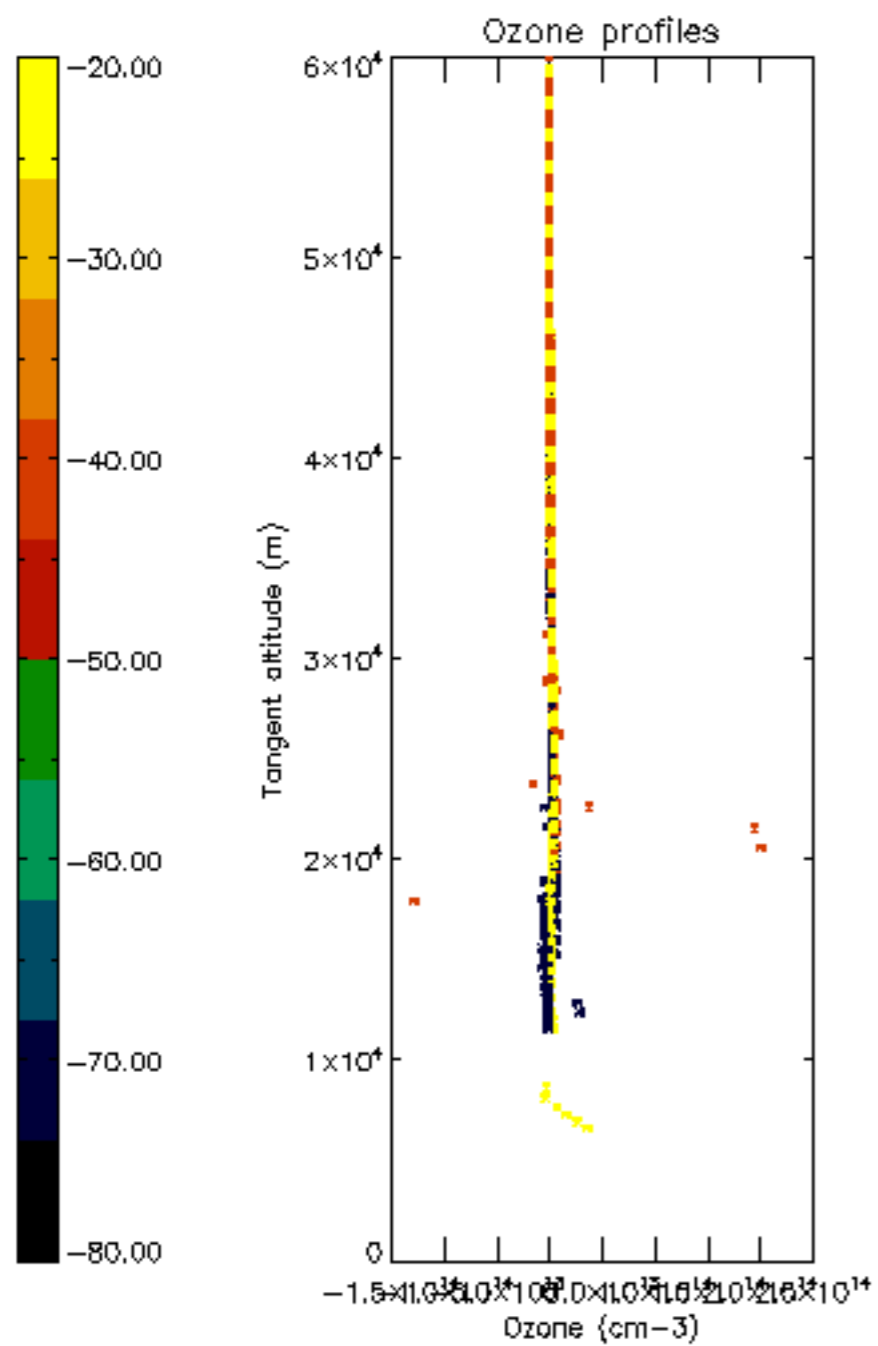
Percentage of star falling outside central band per profile

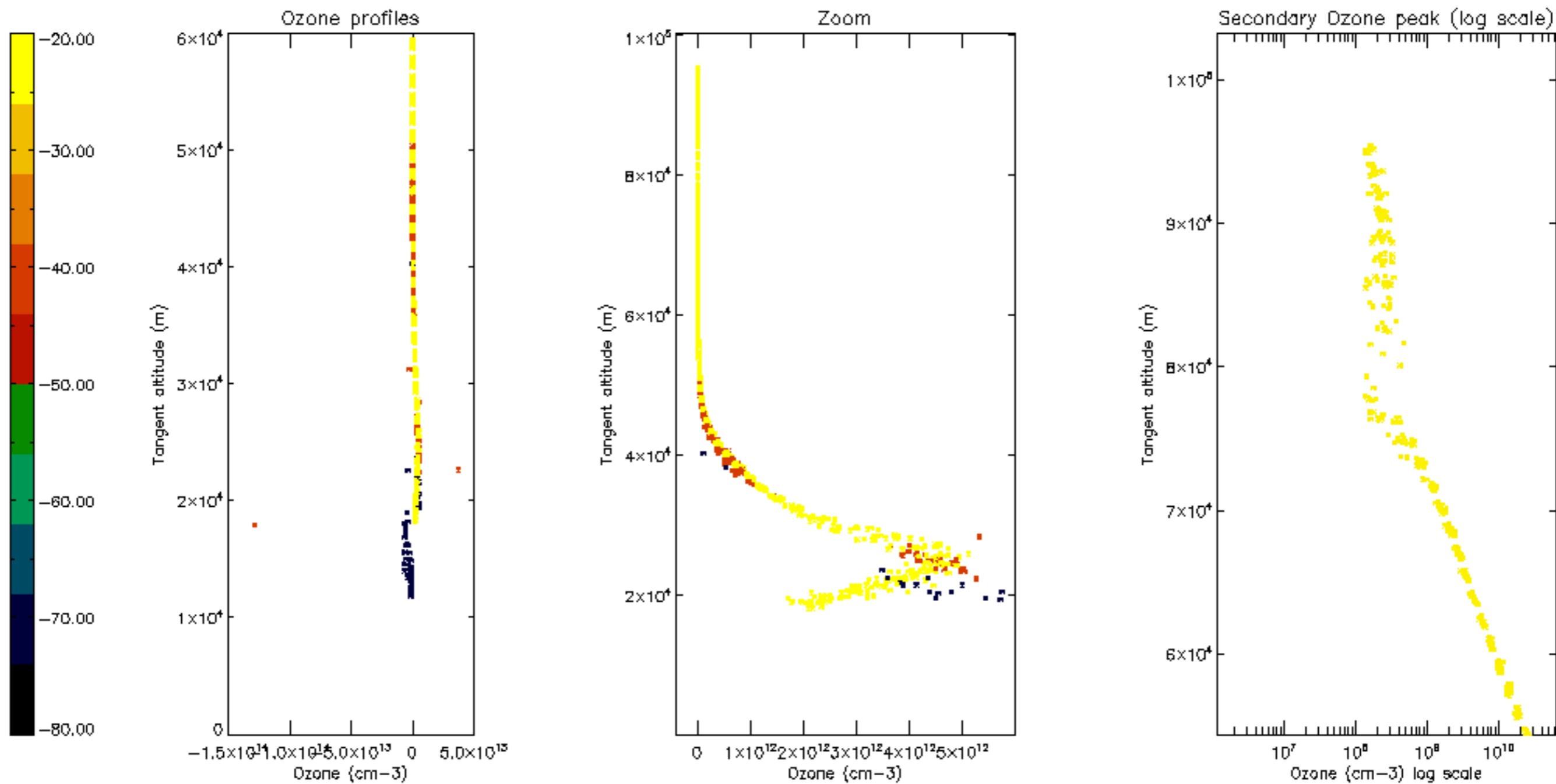


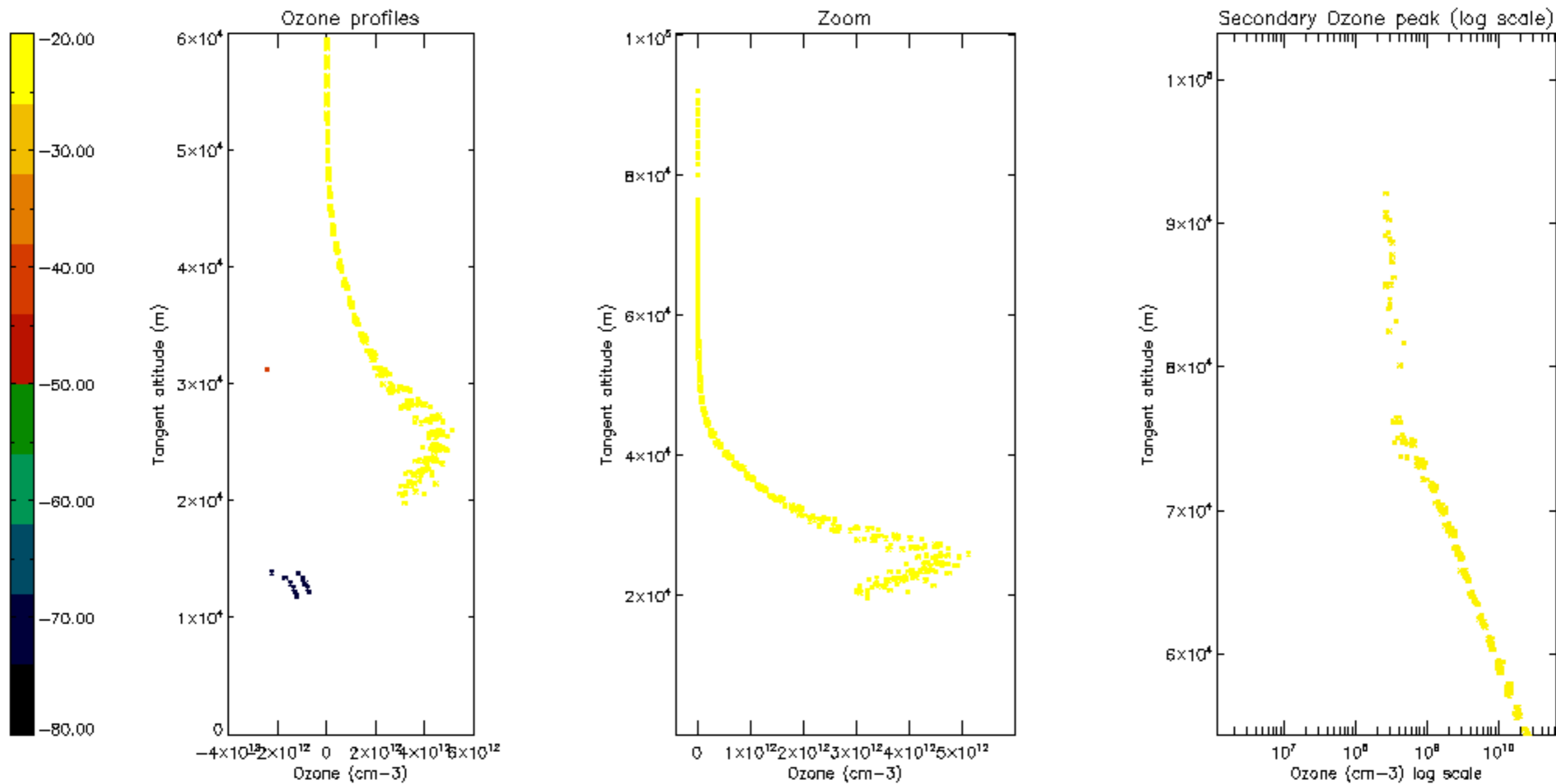
Percentage of saturation errors per profile

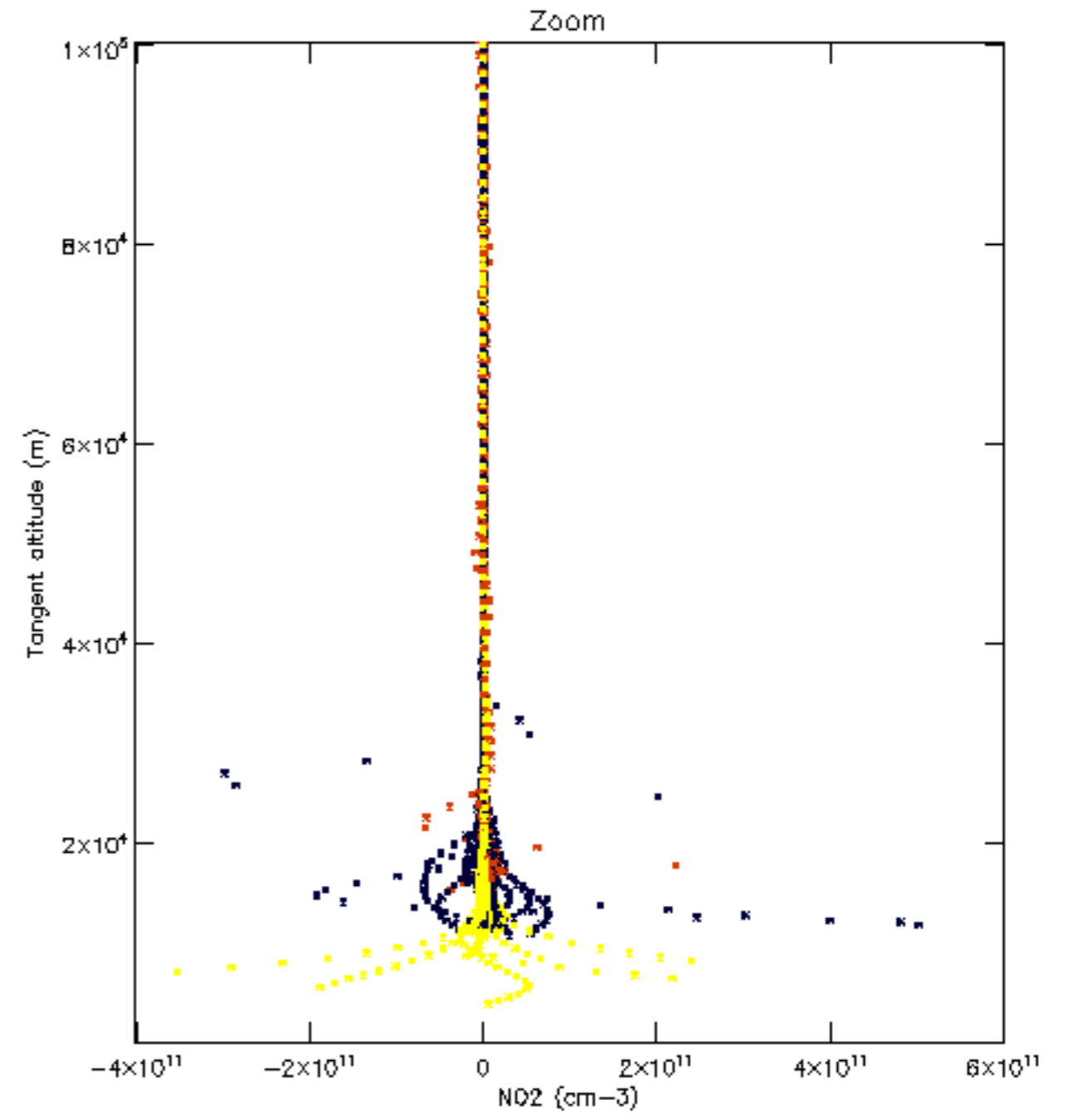
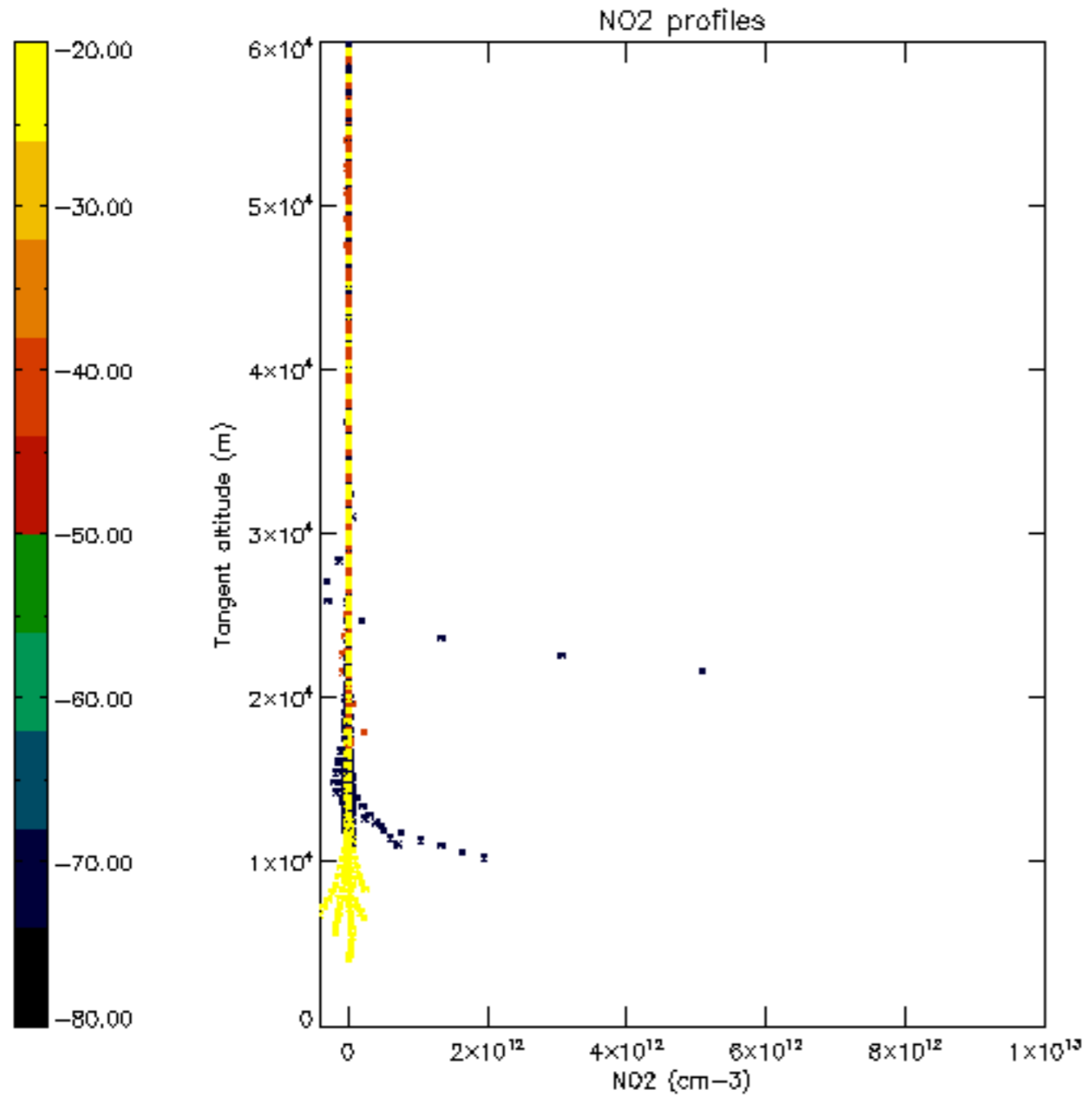


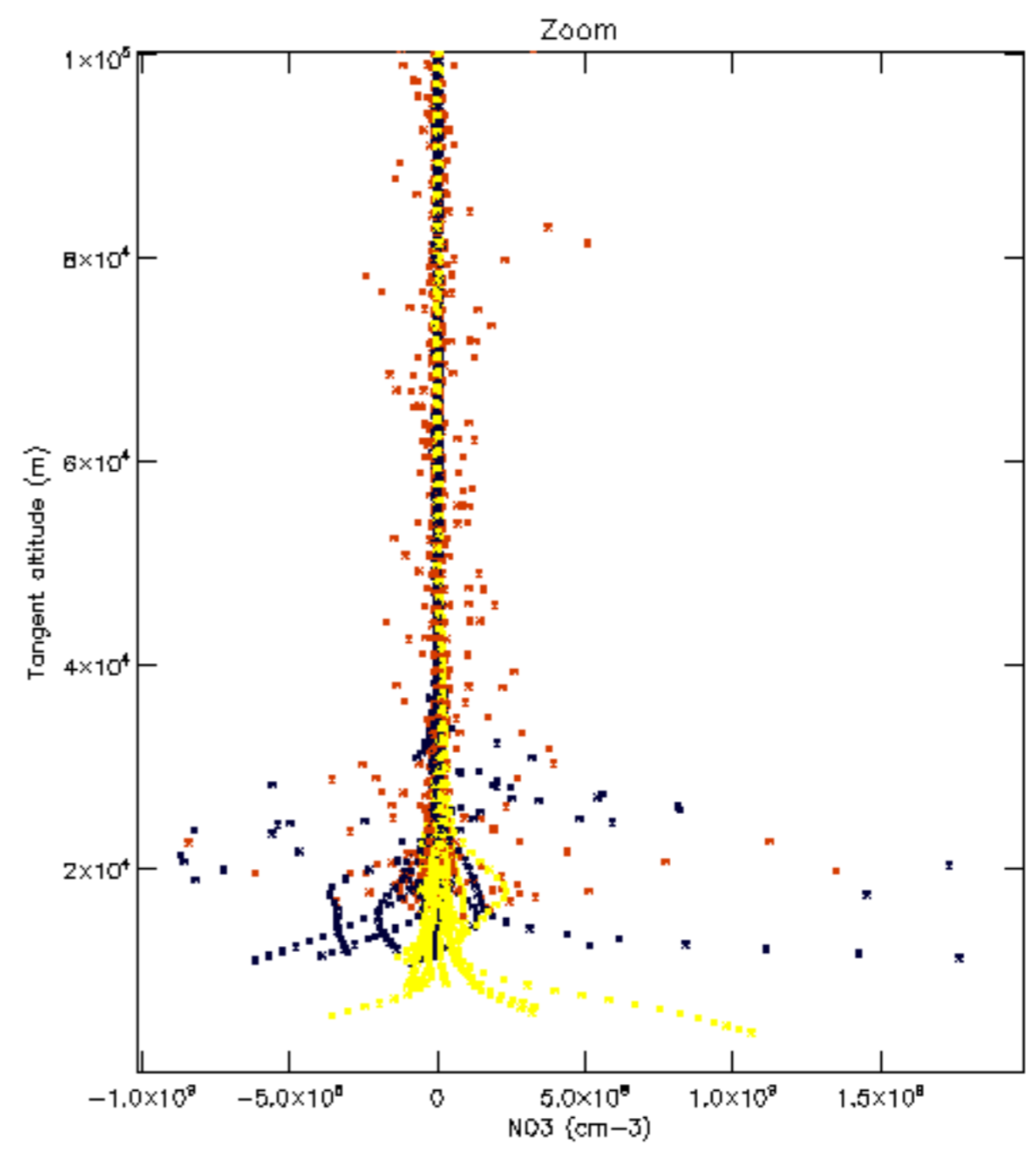
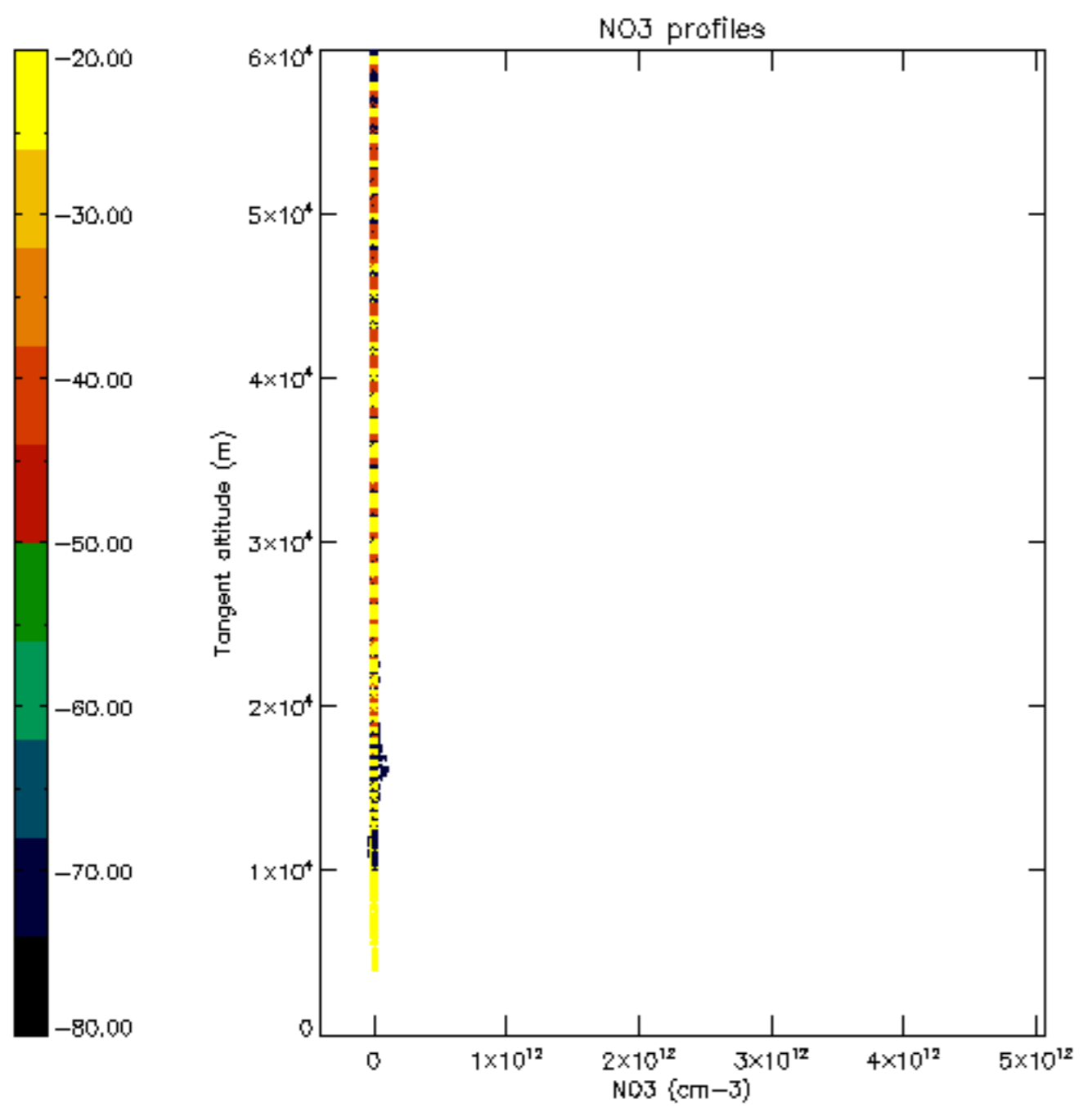


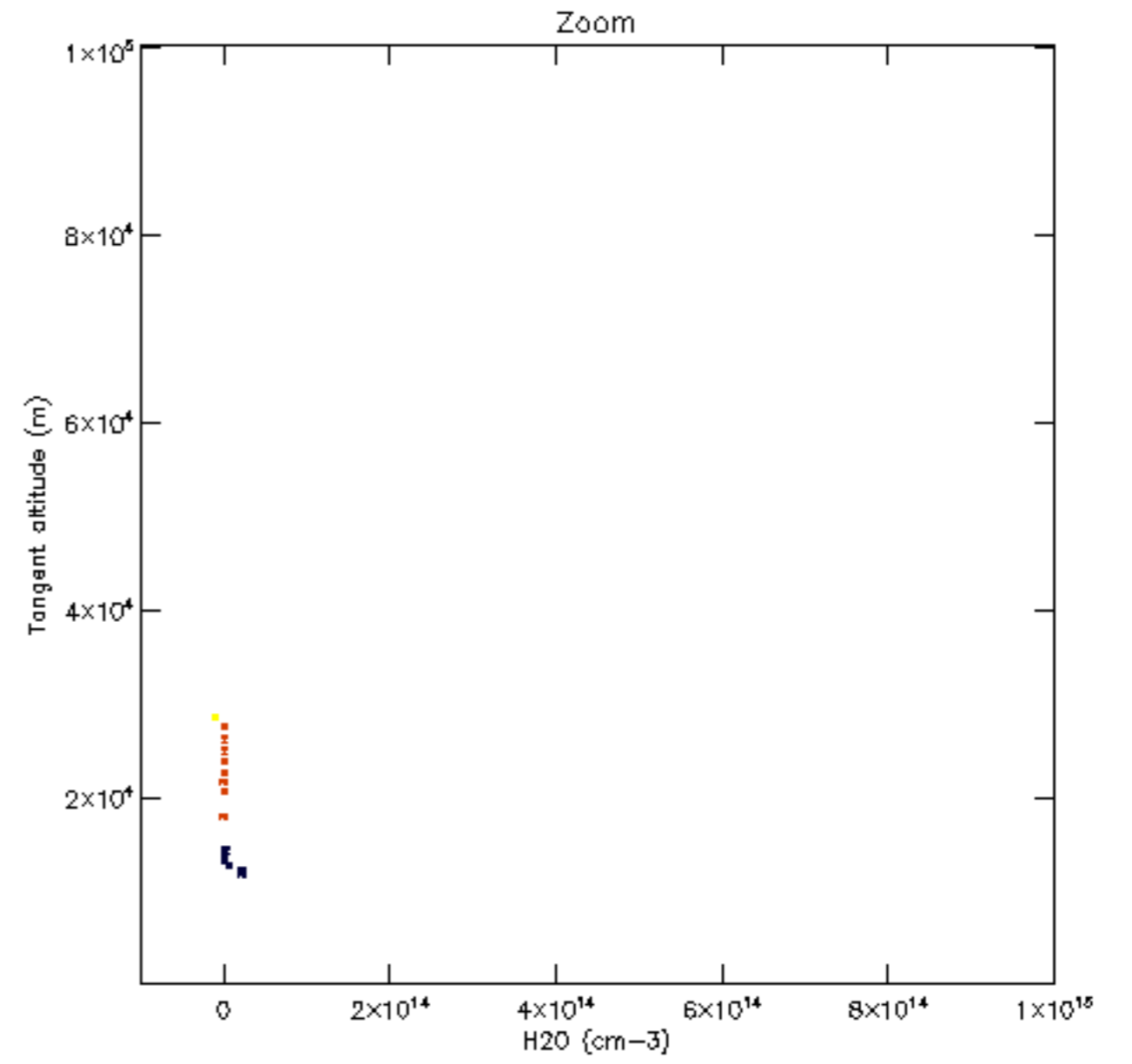
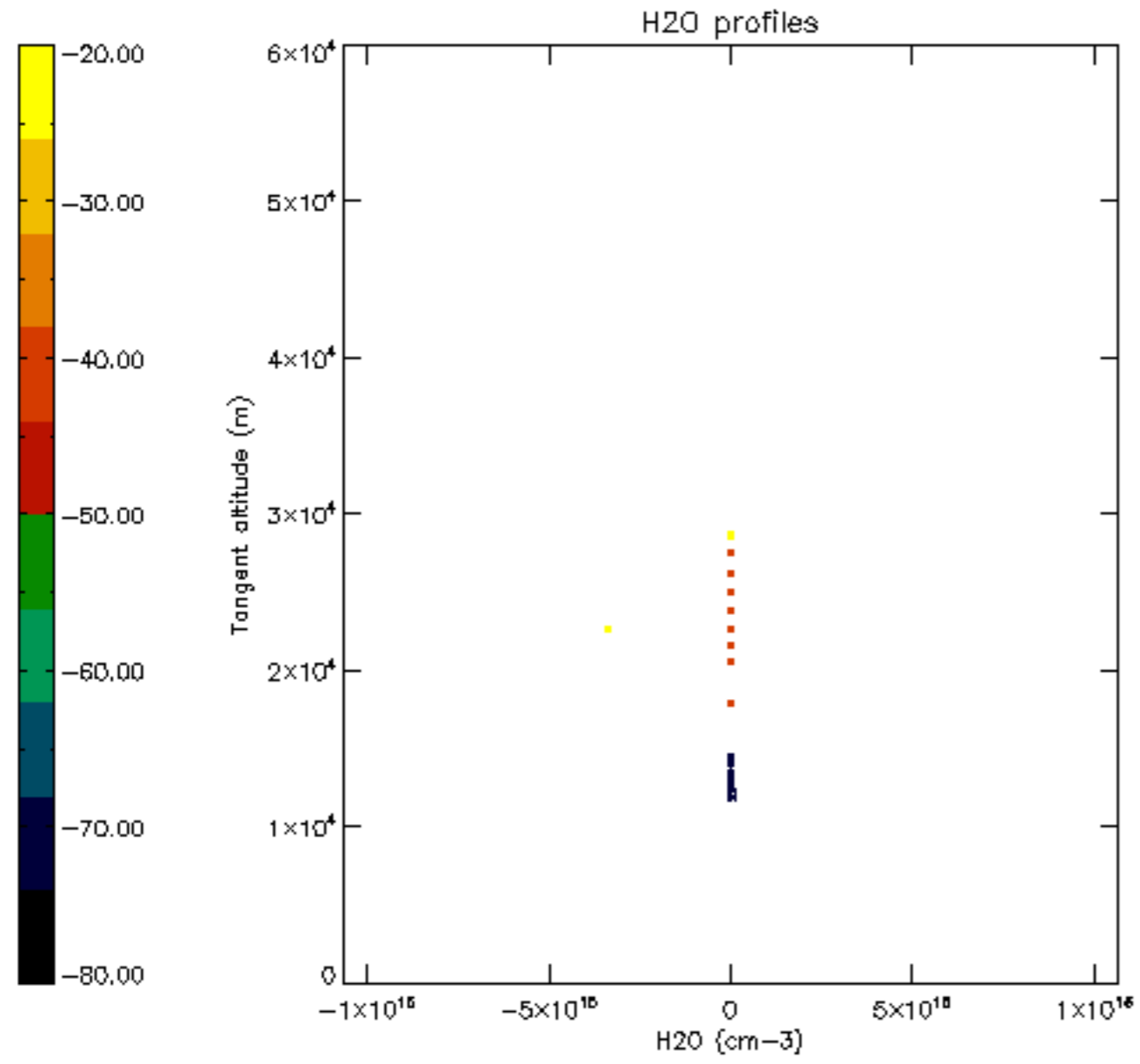


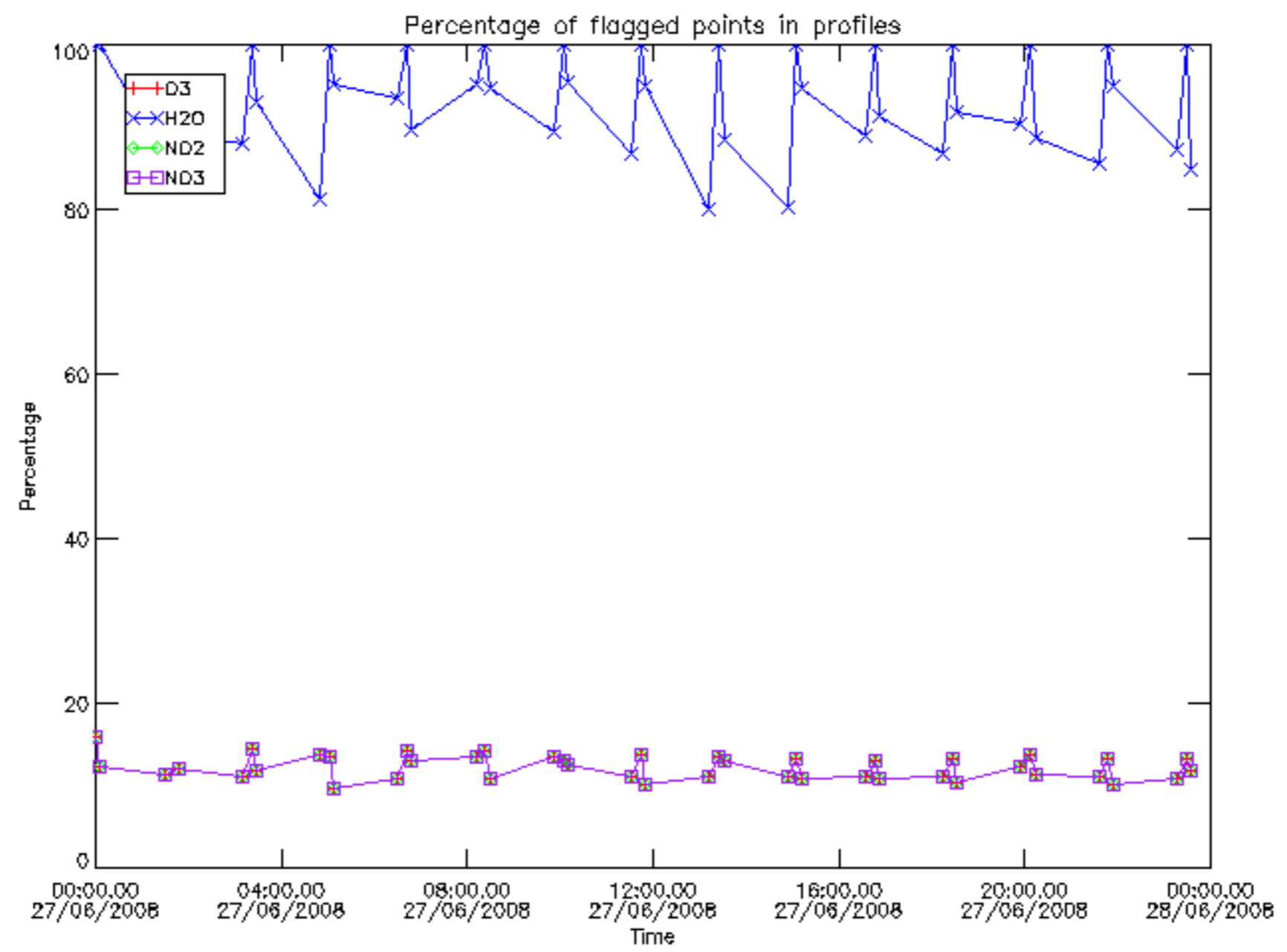




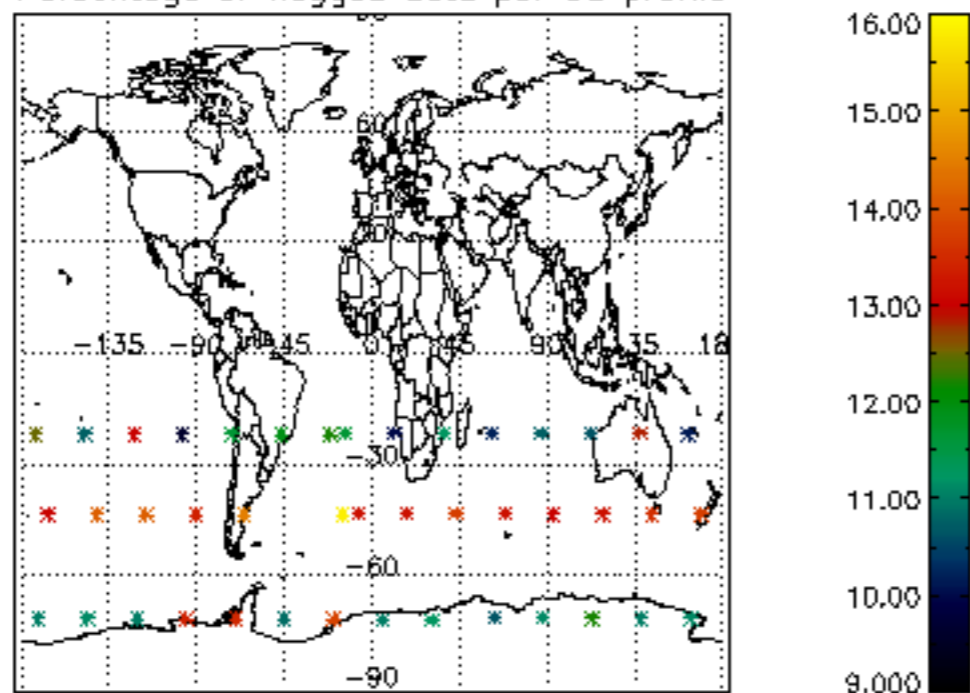




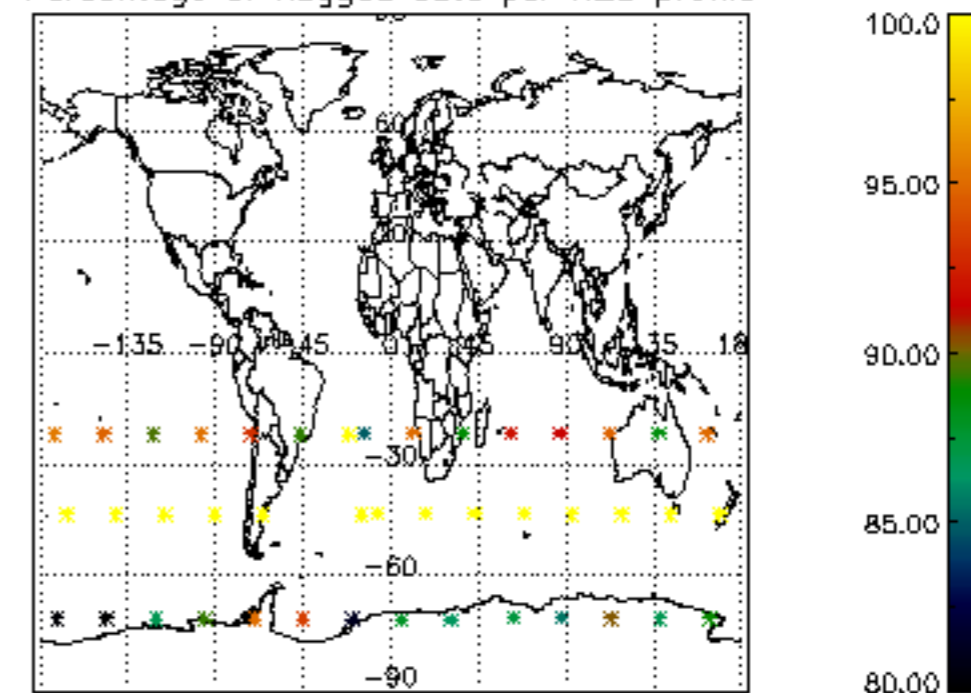




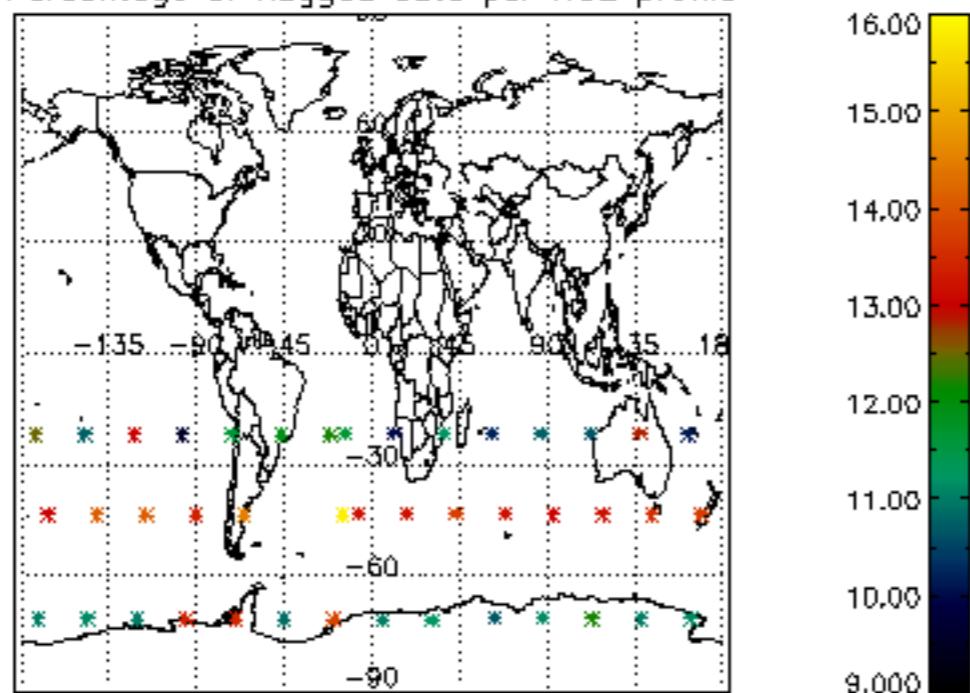
Percentage of flagged data per D3 profile



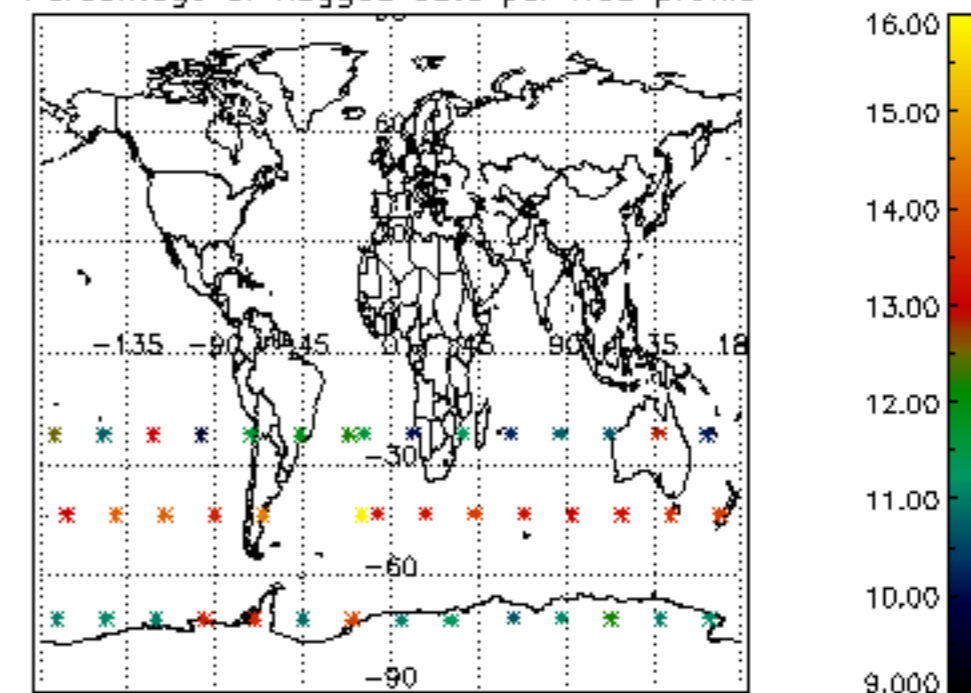
Percentage of flagged data per H2O profile

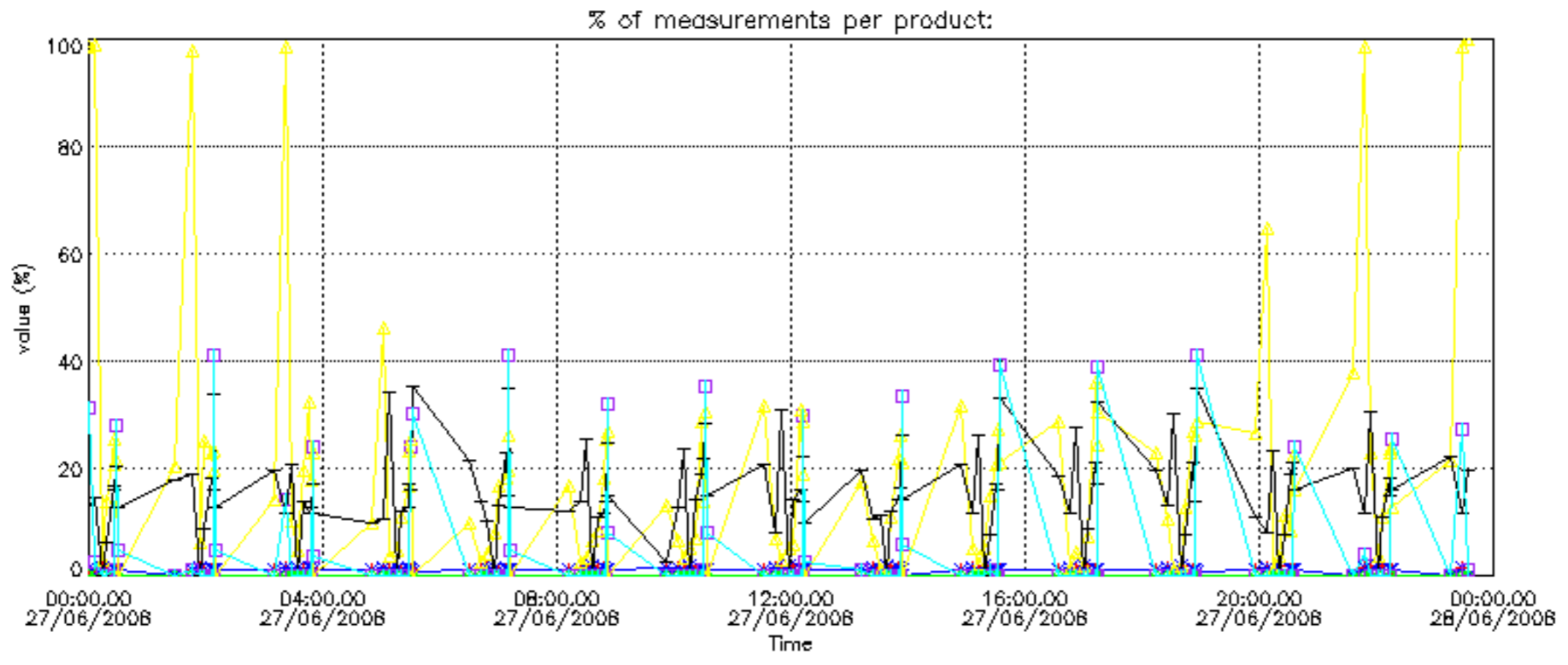


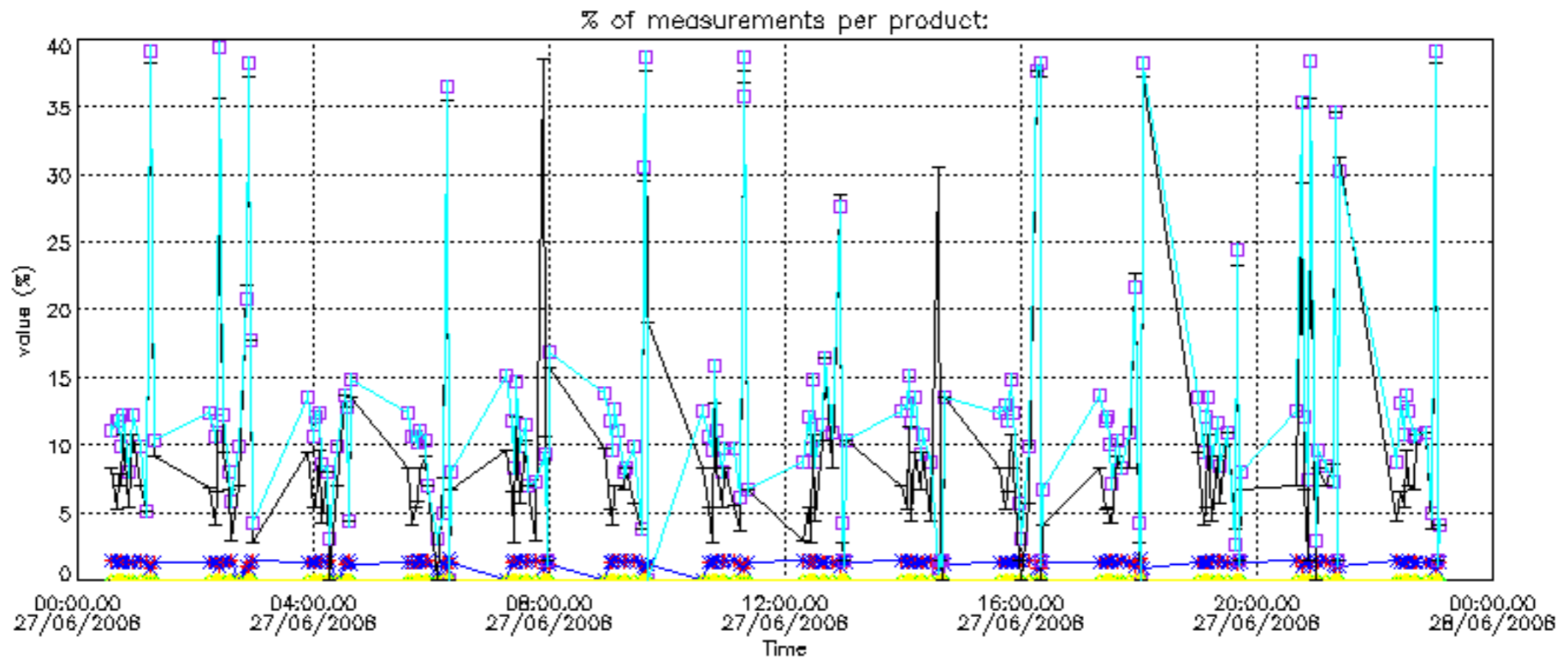
Percentage of flagged data per NO2 profile



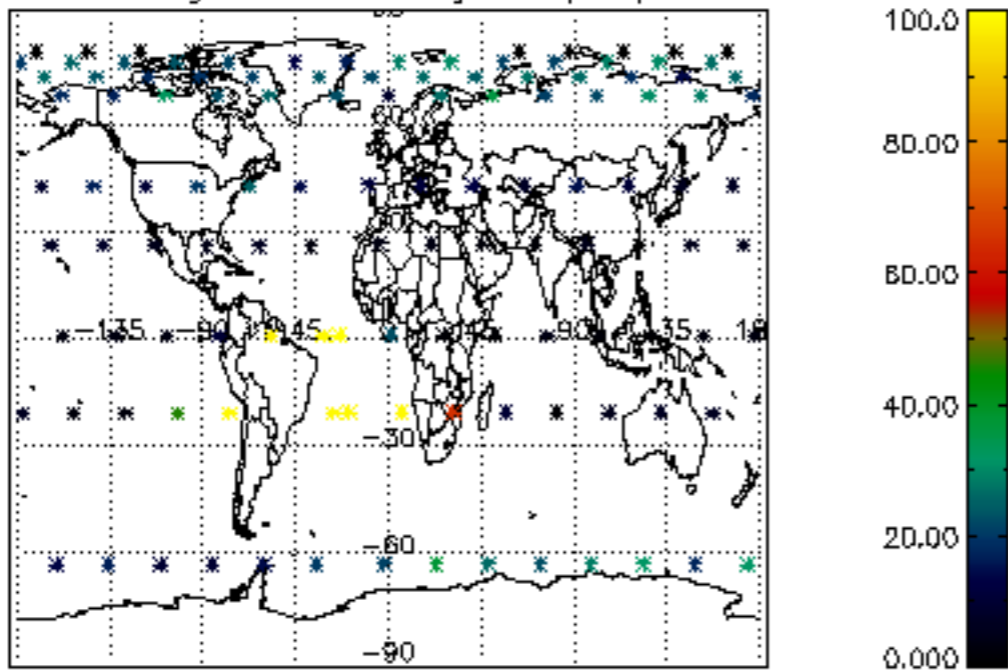
Percentage of flagged data per NO3 profile



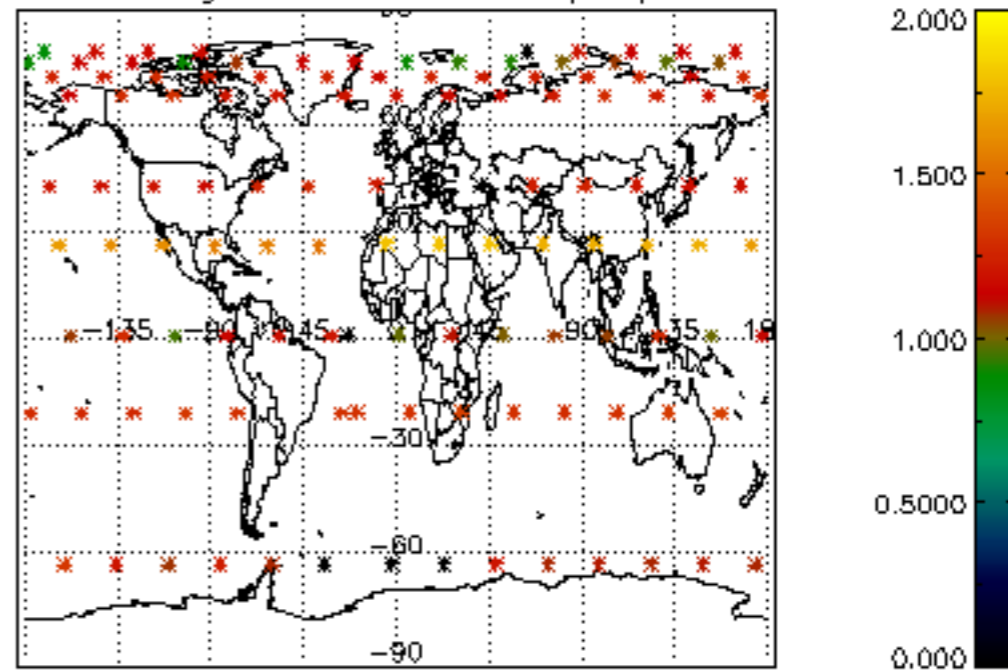




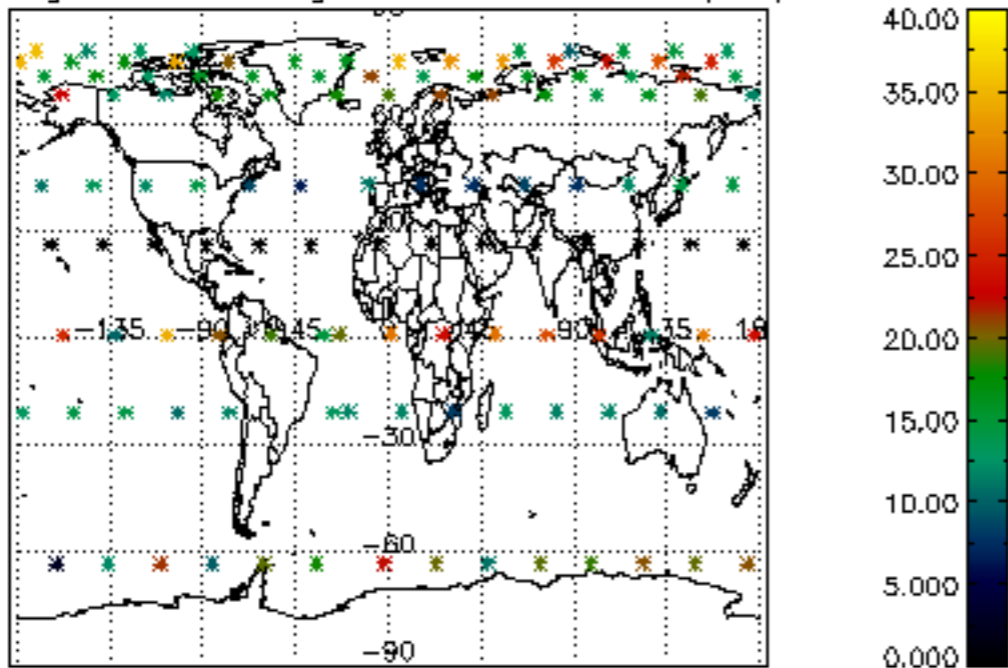
Percentage of cosmic ray hits per profile



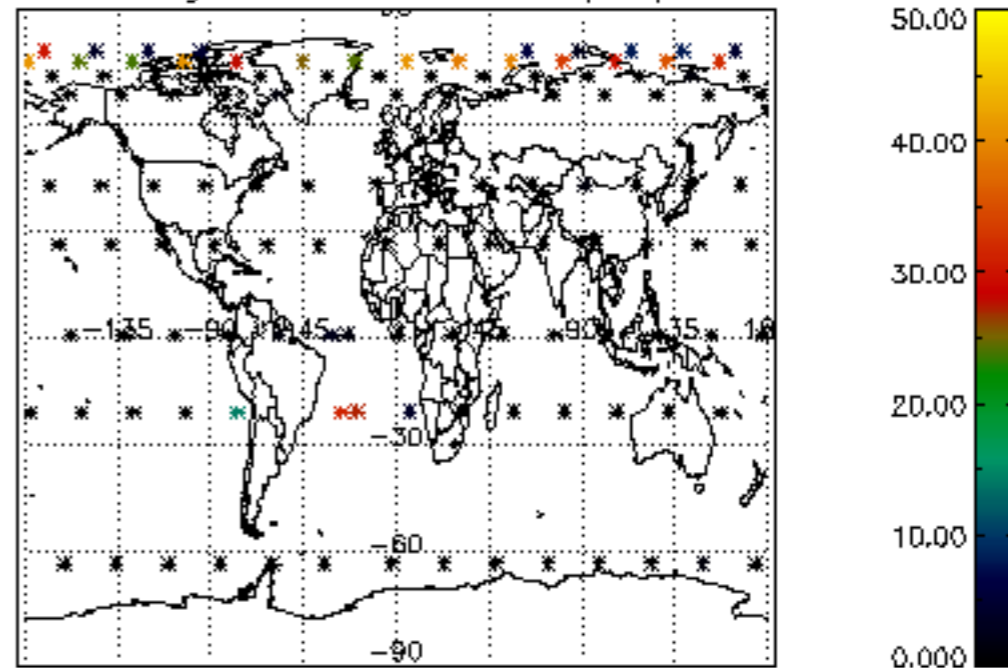
Percentage of datation errors per profile



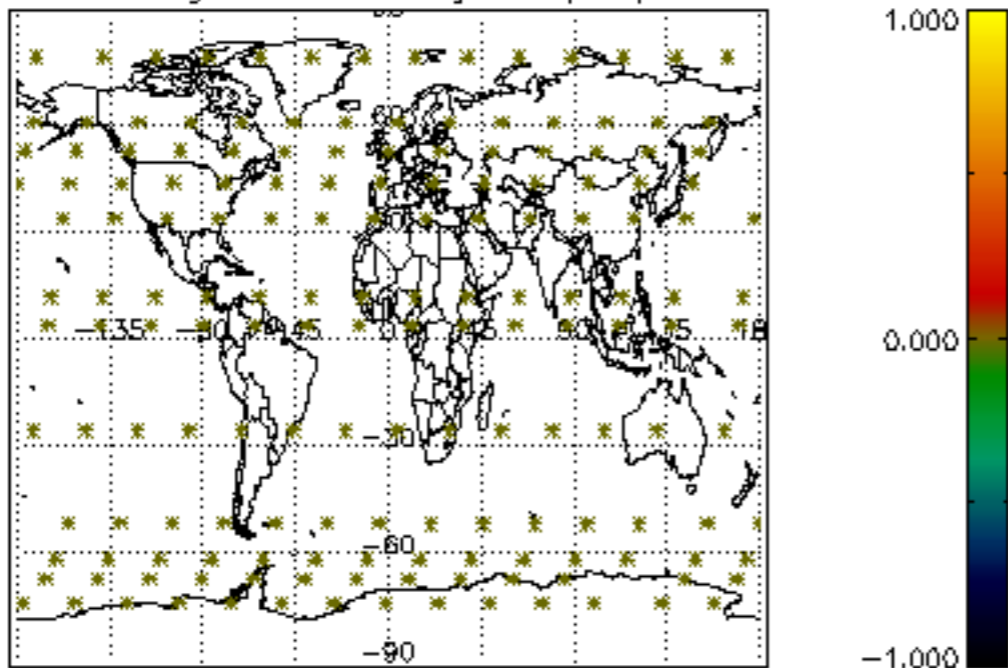
Percentage of star falling outside central band per profile



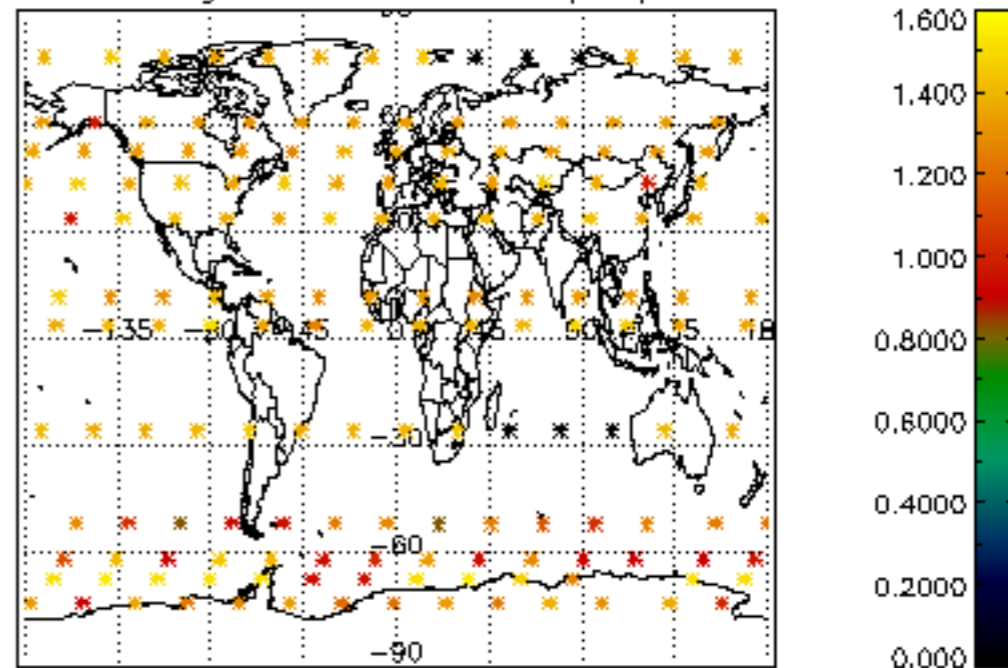
Percentage of saturation errors per profile



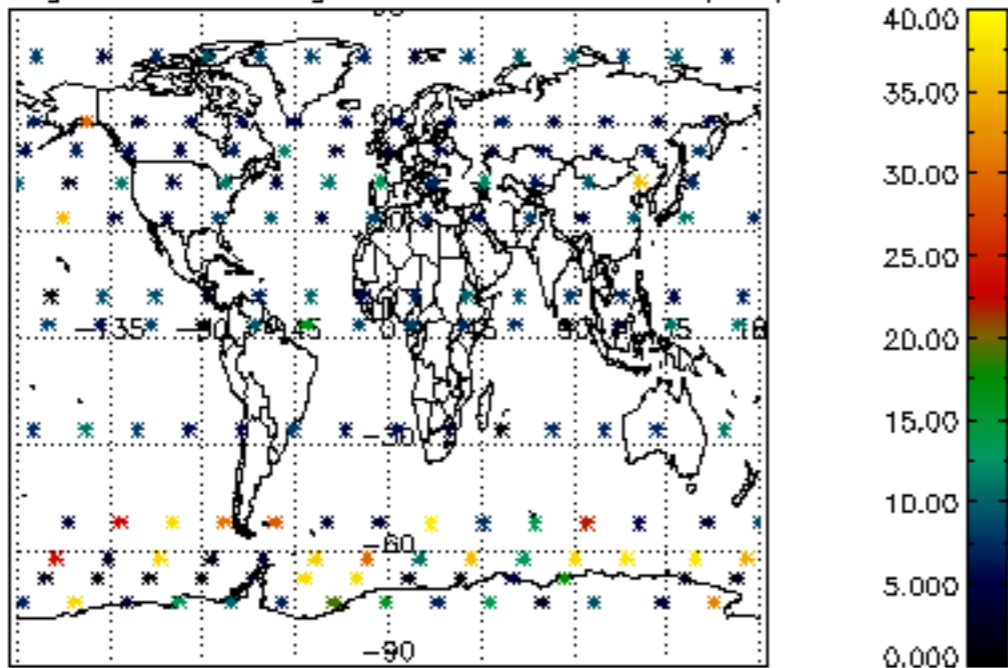
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

