

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 09:03:16
Data source version	GOMOS/6.01
Start time of products	20-01-2008 (20JAN2008 00:00:00)
Stop time of products	21-01-2008 (21JAN2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	388
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__2PRFIN20080120_000250_000000852065_00173_30788_9385.N1	20-JAN-2008 00:02:50	Dark	85.000	134	Bet TrA	2.8100	6600.0	170	30788	No
2	GOM_NL__2PRFIN20080120_001251_000000892065_00174_30789_9397.N1	20-JAN-2008 00:12:51	Dark	88.500	29	Bet Car	1.6720	10200.	177	30789	No
3	GOM_NL__2PRFIN20080120_001602_000000962065_00174_30789_9398.N1	20-JAN-2008 00:16:02	Dark	95.500	41	Eps Car	1.8600	4100.0	191	30789	No
4	GOM_NL__2PRFIN20080120_001929_000000942065_00174_30789_9399.N1	20-JAN-2008 00:19:29	Dark	94.000	2	Alp Car	-0.73600	7000.0	188	30789	No
5	GOM_NL__2PRFIN20080120_002305_000000932065_00174_30789_9400.N1	20-JAN-2008 00:23:05	Straylight	92.500	117	Pi Pup	2.7060	3800.0	185	30789	No
6	GOM_NL__2PRFIN20080120_002536_000000952065_00174_30789_9401.N1	20-JAN-2008 00:25:36	Straylight	94.500	23	21Eps CMa	1.5020	26000.	189	30789	No
7	GOM_NL__2PRFIN20080120_002912_000000942065_00174_30789_9402.N1	20-JAN-2008 00:29:12	Straylight	94.000	1	9Alp CMa	-1.4400	11000.	188	30789	No
8	GOM_NL__2PRFIN20080120_003144_000000922065_00174_30789_9403.N1	20-JAN-2008 00:31:44	Straylight	92.000	56	53Kap Ori	2.0650	30000.	184	30789	No
9	GOM_NL__2PRFIN20080120_003413_000000912065_00174_30789_9404.N1	20-JAN-2008 00:34:13	Tw_i_and_stray	91.000	30	46Eps Ori	1.6940	30000.	182	30789	No
10	GOM_NL__2PRFIN20080120_003623_000001022065_00174_30789_9405.N1	20-JAN-2008 00:36:23	Tw_i_and_stray	102.00	14	58Alp Ori	0.87000	3000.0	204	30789	No
11	GOM_NL__2PRFIN20080120_003840_000001022065_00174_30789_9406.N1	20-JAN-2008 00:38:40	Bright	102.00	44	24Gam Gem	1.9280	11000.	204	30789	No
12	GOM_NL__2PRFIN20080120_004232_000000872065_00174_30789_9407.N1	20-JAN-2008 00:42:32	Bright	87.000	28	12Bet Tau	1.6500	15200.	174	30789	No
13	GOM_NL__2PRFIN20080120_004438_000000852065_00174_30789_9408.N1	20-JAN-2008 00:44:38	Bright	84.500	107	37The Aur	2.6490	11000.	169	30789	No
14	GOM_NL__2PRFIN20080120_005920_000000882065_00174_30789_9409.N1	20-JAN-2008 00:59:20	Bright	87.500	49	1Alp UMi	1.9900	6300.0	175	30789	No
15	GOM_NL__2PRFIN20080120_011016_000001042065_00174_30789_9410.N1	20-JAN-2008 01:10:16	Bright	104.00	130	23Bet Dra	2.7990	5800.0	208	30789	No
16	GOM_NL__2PRFIN20080120_011331_000000842065_00174_30789_9411.N1	20-JAN-2008 01:13:31	Bright	83.500	5	3Alp Lyr	0.033000	11000.	167	30789	No
17	GOM_NL__2PRFIN20080120_012129_000000842065_00174_30789_9412.N1	20-JAN-2008 01:21:29	Bright	84.000	59	55Alp Oph	2.0800	8900.0	168	30789	No
18	GOM_NL__2PRFIN20080120_012336_000000842065_00174_30789_9413.N1	20-JAN-2008 01:23:36	Bright	83.500	126	60Bet Oph	2.7700	4250.0	167	30789	No
19	GOM_NL__2PRFIN20080120_012856_000000922065_00174_30789_9414.N1	20-JAN-2008 01:28:56	Bright	91.500	98	13Zet Oph	2.5710	30000.	183	30789	No
20	GOM_NL__2PRFIN20080120_013325_000001062065_00174_30789_9415.N1	20-JAN-2008 01:33:25	Tw_i_and_stray	106.00	16	21Alp Sco	1.0200	3000.0	212	30789	No
21	GOM_NL__2PRFIN20080120_014326_000000862065_00174_30789_9416.N1	20-JAN-2008 01:43:26	Dark	85.500	134	Bet TrA	2.8100	6600.0	171	30789	No
22	GOM_NL__2PRFIN20080120_014627_000000422065_00175_30790_9416.N1	20-JAN-2008 01:46:27	Dark	42.000	10	Bet Cen	0.61000	28000.	84	30790	No
23	GOM_NL__2PRFIN20080120_015417_000000432065_00175_30790_9417.N1	20-JAN-2008 01:54:17	Dark	42.500	29	Bet Car	1.6720	10200.	85	30790	No
24	GOM_NL__2PRFIN20080120_015620_000000442065_00175_30790_9418.N1	20-JAN-2008 01:56:20	Dark	44.000	71	lot Car	2.2460	7700.0	88	30790	No
25	GOM_NL__2PRFIN20080120_015810_000000432065_00175_30790_9419.N1	20-JAN-2008 01:58:10	Dark	43.000	46	Del Vel	1.9540	10600.	86	30790	No
26	GOM_NL__2PRFIN20080120_020055_000000432065_00175_30790_9420.N1	20-JAN-2008 02:00:55	Dark	43.000	2	Alp Car	-0.73600	7000.0	86	30790	No
27	GOM_NL__2PRFIN20080120_020433_000000432065_00175_30790_9421.N1	20-JAN-2008 02:04:33	Straylight	42.500	117	Pi Pup	2.7060	3800.0	85	30790	No
28	GOM_NL__2PRFIN20080120_020704_000000432065_00175_30790_9422.N1	20-JAN-2008 02:07:04	Straylight	42.500	23	21Eps CMa	1.5020	26000.	85	30790	No
29	GOM_NL__2PRFIN20080120_020828_000000402065_00175_30790_9423.N1	20-JAN-2008 02:08:28	Straylight	39.500	179	24Omi2CMa	3.0320	24000.	79	30790	No
30	GOM_NL__2PRFIN20080120_021039_000000472065_00175_30790_9424.N1	20-JAN-2008 02:10:39	Straylight	46.500	1	9Alp CMa	-1.4400	11000.	93	30790	No
31	GOM_NL__2PRFIN20080120_021310_000000422065_00175_30790_9425.N1	20-JAN-2008 02:13:10	Straylight	41.500	56	53Kap Ori	2.0650	30000.	83	30790	No
32	GOM_NL__2PRFIN20080120_021422_000000382065_00175_30790_9426.N1	20-JAN-2008 02:14:22	Tw_i_and_stray	38.000	125	44lot Ori	2.7700	30000.	76	30790	No
33	GOM_NL__2PRFIN20080120_021539_000000422065_00175_30790_9427.N1	20-JAN-2008 02:15:39	Tw_i_and_stray	41.500	30	46Eps Ori	1.6940	30000.	83	30790	No
34	GOM_NL__2PRFIN20080120_021749_000000502065_00175_30790_9428.N1	20-JAN-2008 02:17:49	Tw_i_and_stray	50.000	14	58Alp Ori	0.87000	3000.0	100	30790	No
35	GOM_NL__2PRFIN20080120_022008_000000482065_00175_30790_9429.N1	20-JAN-2008 02:20:08	Bright	48.000	44	24Gam Gem	1.9280	11000.	96	30790	No
36	GOM_NL__2PRFIN20080120_022153_000000382065_00175_30790_9430.N1	20-JAN-2008 02:21:53	Bright	37.500	151	13Mu Gem	2.8900	3000.0	75	30790	No
37	GOM_NL__2PRFIN20080120_022357_000000372065_00175_30790_9431.N1	20-JAN-2008 02:23:57	Bright	36.500	28	12Bet Tau	1.6500	15200.	73	30790	No
38	GOM_NL__2PRFIN20080120_022604_000000372065_00175_30790_9432.N1	20-JAN-2008 02:26:04	Bright	36.500	107	37The Aur	2.6490	11000.	73	30790	No
39	GOM_NL__2PRFIN20080120_022814_000000362065_00175_30790_9433.N1	20-JAN-2008 02:28:14	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	30790	No
40	GOM_NL__2PRFIN20080120_024048_000000342065_00175_30790_9434.N1	20-JAN-2008 02:40:48	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	30790	No
41	GOM_NL__2PRFIN20080120_025143_000000372065_00175_30790_9435.N1	20-JAN-2008 02:51:43	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	30790	No
42	GOM_NL__2PRFIN20080120_025458_000000362065_00175_30790_9436.N1	20-JAN-2008 02:54:58	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	30790	No

43	GOM_NL__2PRFIN20080120_030256_000000342065_00175_30790_9437.N1	20-JAN-2008 03:02:56	Bright	33.500	59	55Alp Oph	2.0800	8900.0	67	30790	No
44	GOM_NL__2PRFIN20080120_030502_000000342065_00175_30790_9438.N1	20-JAN-2008 03:05:02	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	30790	No
45	GOM_NL__2PRFIN20080120_031025_000000392065_00175_30790_9439.N1	20-JAN-2008 03:10:25	Bright	39.000	98	13Zet Oph	2.5710	30000.	78	30790	No
46	GOM_NL__2PRFIN20080120_031454_000000452065_00175_30790_9440.N1	20-JAN-2008 03:14:54	Twilight	45.000	16	21Alp Sco	1.0200	3000.0	90	30790	No
47	GOM_NL__2PRFIN20080120_031628_000000422065_00175_30790_9441.N1	20-JAN-2008 03:16:28	Twilight	42.000	75	26Eps Sco	2.2910	4250.0	84	30790	No
48	GOM_NL__2PRFIN20080120_032451_000000372065_00176_30791_9424.N1	20-JAN-2008 03:24:51	Dark	36.500	134	Bet TrA	2.8100	6600.0	73	30791	No
49	GOM_NL__2PRFIN20080120_032704_000000402065_00176_30791_9425.N1	20-JAN-2008 03:27:04	Dark	39.500	10	Bet Cen	0.61000	28000.	79	30791	No
50	GOM_NL__2PRFIN20080120_033453_000000392065_00176_30791_9426.N1	20-JAN-2008 03:34:53	Dark	39.000	29	Bet Car	1.6720	10200.	78	30791	No
51	GOM_NL__2PRFIN20080120_033656_000000402065_00176_30791_9427.N1	20-JAN-2008 03:36:56	Dark	40.000	71	lot Car	2.2460	7700.0	80	30791	No
52	GOM_NL__2PRFIN20080120_033847_000000392065_00176_30791_9428.N1	20-JAN-2008 03:38:47	Dark	39.000	46	Del Vel	1.9540	10600.	78	30791	No
53	GOM_NL__2PRFIN20080120_034131_000000442065_00176_30791_9429.N1	20-JAN-2008 03:41:31	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	30791	No
54	GOM_NL__2PRFIN20080120_034509_000000442065_00176_30791_9430.N1	20-JAN-2008 03:45:09	Straylight	44.000	117	Pi Pup	2.7060	3800.0	88	30791	No
55	GOM_NL__2PRFIN20080120_034740_000000422065_00176_30791_9431.N1	20-JAN-2008 03:47:40	Straylight	42.000	23	21Eps CMa	1.5020	26000.	84	30791	No
56	GOM_NL__2PRFIN20080120_034904_000000402065_00176_30791_9432.N1	20-JAN-2008 03:49:04	Straylight	39.500	179	24Omi2CMa	3.0320	24000.	79	30791	No
57	GOM_NL__2PRFIN20080120_035115_000000452065_00176_30791_9433.N1	20-JAN-2008 03:51:15	Straylight	45.000	1	9Alp CMa	-1.4400	11000.	90	30791	No
58	GOM_NL__2PRFIN20080120_035347_000000412065_00176_30791_9434.N1	20-JAN-2008 03:53:47	Straylight	41.000	56	53Kap Ori	2.0650	30000.	82	30791	No
59	GOM_NL__2PRFIN20080120_035458_000000382065_00176_30791_9435.N1	20-JAN-2008 03:54:58	Twi_and_stray	38.000	125	44lot Ori	2.7700	30000.	76	30791	No
60	GOM_NL__2PRFIN20080120_035615_000000432065_00176_30791_9436.N1	20-JAN-2008 03:56:15	Twi_and_stray	42.500	30	46Eps Ori	1.6940	30000.	85	30791	No
61	GOM_NL__2PRFIN20080120_035825_000000522065_00176_30791_9437.N1	20-JAN-2008 03:58:25	Twi_and_stray	52.000	14	58Alp Ori	0.87000	3000.0	104	30791	No
62	GOM_NL__2PRFIN20080120_040044_000000432065_00176_30791_9438.N1	20-JAN-2008 04:00:44	Bright	42.500	44	24Gam Gem	1.9280	11000.	85	30791	No
63	GOM_NL__2PRFIN20080120_040229_000000442065_00176_30791_9439.N1	20-JAN-2008 04:02:29	Bright	44.000	151	13Mu Gem	2.8900	3000.0	88	30791	No
64	GOM_NL__2PRFIN20080120_040433_000000382065_00176_30791_9440.N1	20-JAN-2008 04:04:33	Bright	37.500	28	12Bet Tau	1.6500	15200.	75	30791	No
65	GOM_NL__2PRFIN20080120_040640_000000362065_00176_30791_9441.N1	20-JAN-2008 04:06:40	Bright	35.500	107	37The Aur	2.6490	11000.	71	30791	No
66	GOM_NL__2PRFIN20080120_040850_000000372065_00176_30791_9442.N1	20-JAN-2008 04:08:50	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	30791	No
67	GOM_NL__2PRFIN20080120_042124_000000352065_00176_30791_9443.N1	20-JAN-2008 04:21:24	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	30791	No
68	GOM_NL__2PRFIN20080120_043220_000000352065_00176_30791_9444.N1	20-JAN-2008 04:32:20	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	30791	No
69	GOM_NL__2PRFIN20080120_043534_000000362065_00176_30791_9445.N1	20-JAN-2008 04:35:34	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	30791	No
70	GOM_NL__2PRFIN20080120_044332_000000342065_00176_30791_9446.N1	20-JAN-2008 04:43:32	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	30791	No
71	GOM_NL__2PRFIN20080120_044538_000000342065_00176_30791_9447.N1	20-JAN-2008 04:45:38	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	30791	No
72	GOM_NL__2PRFIN20080120_045101_000000372065_00176_30791_9448.N1	20-JAN-2008 04:51:01	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	30791	No
73	GOM_NL__2PRFIN20080120_045530_000000542065_00176_30791_9449.N1	20-JAN-2008 04:55:30	Twilight	54.000	16	21Alp Sco	1.0200	3000.0	108	30791	No
74	GOM_NL__2PRFIN20080120_045705_000000412065_00176_30791_9450.N1	20-JAN-2008 04:57:05	Twilight	40.500	75	26Eps Sco	2.2910	4250.0	81	30791	No
75	GOM_NL__2PRFIN20080120_050527_000000372065_00177_30792_9444.N1	20-JAN-2008 05:05:27	Dark	36.500	134	Bet TrA	2.8100	6600.0	73	30792	No
76	GOM_NL__2PRFIN20080120_050740_000000512065_00177_30792_9445.N1	20-JAN-2008 05:07:40	Dark	50.500	10	Bet Cen	0.61000	28000.	101	30792	No
77	GOM_NL__2PRFIN20080120_051529_000000432065_00177_30792_9446.N1	20-JAN-2008 05:15:29	Dark	43.000	29	Bet Car	1.6720	10200.	86	30792	No
78	GOM_NL__2PRFIN20080120_051732_000000382065_00177_30792_9447.N1	20-JAN-2008 05:17:32	Dark	38.000	71	lot Car	2.2460	7700.0	76	30792	No
79	GOM_NL__2PRFIN20080120_051923_000000442065_00177_30792_9448.N1	20-JAN-2008 05:19:23	Dark	44.000	46	Del Vel	1.9540	10600.	88	30792	No
80	GOM_NL__2PRFIN20080120_052208_000000452065_00177_30792_9449.N1	20-JAN-2008 05:22:08	Dark	44.500	2	Alp Car	-0.73600	7000.0	89	30792	No
81	GOM_NL__2PRFIN20080120_052545_000000422065_00177_30792_9450.N1	20-JAN-2008 05:25:45	Straylight	41.500	117	Pi Pup	2.7060	3800.0	83	30792	No
82	GOM_NL__2PRFIN20080120_052816_000000402065_00177_30792_9451.N1	20-JAN-2008 05:28:16	Straylight	40.000	23	21Eps CMa	1.5020	26000.	80	30792	No
83	GOM_NL__2PRFIN20080120_052940_000000382065_00177_30792_9452.N1	20-JAN-2008 05:29:40	Straylight	37.500	179	24Omi2CMa	3.0320	24000.	75	30792	No
84	GOM_NL__2PRFIN20080120_053151_000000452065_00177_30792_9453.N1	20-JAN-2008 05:31:51	Straylight	45.000	1	9Alp CMa	-1.4400	11000.	90	30792	No
85	GOM_NL__2PRFIN20080120_053423_000000412065_00177_30792_9454.N1	20-JAN-2008 05:34:23	Straylight	41.000	56	53Kap Ori	2.0650	30000.	82	30792	No
86	GOM_NL__2PRFIN20080120_053534_000000392065_00177_30792_9455.N1	20-JAN-2008 05:35:34	Twi_and_stray	38.500	125	44lot Ori	2.7700	30000.	77	30792	No
87	GOM_NL__2PRFIN20080120_053652_000000422065_00177_30792_9456.N1	20-JAN-2008 05:36:52	Twi_and_stray	41.500	30	46Eps Ori	1.6940	30000.	83	30792	No
88	GOM_NL__2PRFIN20080120_053901_000000482065_00177_30792_9457.N1	20-JAN-2008 05:39:01	Twi_and_stray	47.500	14	58Alp Ori	0.87000	3000.0	95	30792	No
89	GOM_NL__2PRFIN20080120_054120_000000402065_00177_30792_9458.N1	20-JAN-2008 05:41:20	Bright	40.000	44	24Gam Gem	1.9280	11000.	80	30792	No
90	GOM_NL__2PRFIN20080120_054305_000000372065_00177_30792_9459.N1	20-JAN-2008 05:43:05	Bright	36.500	151	13Mu Gem	2.8900	3000.0	73	30792	No
91	GOM_NL__2PRFIN20080120_054509_000000362065_00177_30792_9460.N1	20-JAN-2008 05:45:09	Bright	36.000	28	12Bet Tau	1.6500	15200.	72	30792	No
92	GOM_NL__2PRFIN20080120_054716_000000342065_00177_30792_9461.N1	20-JAN-2008 05:47:16	Bright	33.500	107	37The Aur	2.6490	11000.	67	30792	No
93	GOM_NL__2PRFIN20080120_054926_000000362065_00177_30792_9462.N1	20-JAN-2008 05:49:26	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	30792	No
94	GOM_NL__2PRFIN20080120_060200_000000352065_00177_30792_9463.N1	20-JAN-2008 06:02:00	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	30792	No
95	GOM_NL__2PRFIN20080120_061256_000000362065_00177_30792_9464.N1	20-JAN-2008 06:12:56	Bright	36.000	130	23Bet Dra	2.7990	5800.0	72	30792	No
96	GOM_NL__2PRFIN20080120_061610_000000342065_00177_30792_9465.N1	20-JAN-2008 06:16:10	Bright	33.500	5	3Alp Lyr	0.033000	11000.	67	30792	No
97	GOM_NL__2PRFIN20080120_062408_000000342065_00177_30792_9466.N1	20-JAN-2008 06:24:08	Bright	33.500	59	55Alp Oph	2.0800	8900.0	67	30792	No
98	GOM_NL__2PRFIN20080120_062615_000000342065_00177_30792_9467.N1	20-JAN-2008 06:26:15	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	30792	No
99	GOM_NL__2PRFIN20080120_063138_000000372065_00177_30792_9468.N1	20-JAN-2008 06:31:38	Bright	37.000	98	13Zet Oph	2.5710	30000.	74	30792	No
100	GOM_NL__2PRFIN20080120_063607_000000462065_00177_30792_9469.N1	20-JAN-2008 06:36:07	Twilight	46.000	16	21Alp Sco	1.0200	3000.0	92	30792	No
101	GOM_NL__2PRFIN20080120_063741_000000412065_00177_30792_9470.N1	20-JAN-2008 06:37:41	Twilight	41.000	75	26Eps Sco	2.2910	4250.0	82	30792	No

102	GOM_NL__2PRFIN20080120_064604_000000372065_00178_30793_9455.N1	20-JAN-2008 06:46:04	Dark	37.000	134	Bet TrA	2.8100	6600.0	74	30793	No
103	GOM_NL__2PRFIN20080120_064817_000000462065_00178_30793_9456.N1	20-JAN-2008 06:48:17	Dark	45.500	10	Bet Cen	0.61000	28000.	91	30793	No
104	GOM_NL__2PRFIN20080120_065606_000000372065_00178_30793_9457.N1	20-JAN-2008 06:56:06	Dark	37.000	29	Bet Car	1.6720	10200.	74	30793	No
105	GOM_NL__2PRFIN20080120_065809_000000402065_00178_30793_9458.N1	20-JAN-2008 06:58:09	Dark	39.500	71	lot Car	2.2460	7700.0	79	30793	No
106	GOM_NL__2PRFIN20080120_065959_000000432065_00178_30793_9459.N1	20-JAN-2008 06:59:59	Dark	43.000	46	Del Vel	1.9540	10600.	86	30793	No
107	GOM_NL__2PRFIN20080120_070244_000000482065_00178_30793_9460.N1	20-JAN-2008 07:02:44	Dark	48.000	2	Alp Car	-0.73600	7000.0	96	30793	No
108	GOM_NL__2PRFIN20080120_070622_000000392065_00178_30793_9461.N1	20-JAN-2008 07:06:22	Straylight	39.000	117	Pi Pup	2.7060	3800.0	78	30793	No
109	GOM_NL__2PRFIN20080120_070852_000000412065_00178_30793_9462.N1	20-JAN-2008 07:08:52	Straylight	41.000	23	21Eps CMa	1.5020	26000.	82	30793	No
110	GOM_NL__2PRFIN20080120_071016_000000372065_00178_30793_9463.N1	20-JAN-2008 07:10:16	Straylight	36.500	179	24Omi2CMa	3.0320	24000.	73	30793	No
111	GOM_NL__2PRFIN20080120_071227_000000432065_00178_30793_9464.N1	20-JAN-2008 07:12:27	Straylight	42.500	1	9Alp CMa	-1.4400	11000.	85	30793	No
112	GOM_NL__2PRFIN20080120_071459_000000412065_00178_30793_9465.N1	20-JAN-2008 07:14:59	Straylight	40.500	56	53Kap Ori	2.0650	30000.	81	30793	No
113	GOM_NL__2PRFIN20080120_071610_000000402065_00178_30793_9466.N1	20-JAN-2008 07:16:10	Twilight	39.500	125	44lot Ori	2.7700	30000.	79	30793	No
114	GOM_NL__2PRFIN20080120_071728_000000402065_00178_30793_9467.N1	20-JAN-2008 07:17:28	Twilight	39.500	30	46Eps Ori	1.6940	30000.	79	30793	No
115	GOM_NL__2PRFIN20080120_071937_000000492065_00178_30793_9468.N1	20-JAN-2008 07:19:37	Twilight	49.000	14	58Alp Ori	0.87000	3000.0	98	30793	No
116	GOM_NL__2PRFIN20080120_072156_000000372065_00178_30793_9469.N1	20-JAN-2008 07:21:56	Bright	37.000	44	24Gam Gem	1.9280	11000.	74	30793	No
117	GOM_NL__2PRFIN20080120_072341_000000522065_00178_30793_9470.N1	20-JAN-2008 07:23:41	Bright	52.000	151	13Mu Gem	2.8900	3000.0	104	30793	No
118	GOM_NL__2PRFIN20080120_072546_000000372065_00178_30793_9471.N1	20-JAN-2008 07:25:46	Bright	36.500	28	12Bet Tau	1.6500	15200.	73	30793	No
119	GOM_NL__2PRFIN20080120_072752_000000352065_00178_30793_9472.N1	20-JAN-2008 07:27:52	Bright	34.500	107	37The Aur	2.6490	11000.	69	30793	No
120	GOM_NL__2PRFIN20080120_073002_000000362065_00178_30793_9473.N1	20-JAN-2008 07:30:02	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	30793	No
121	GOM_NL__2PRFIN20080120_074236_000000342065_00178_30793_9474.N1	20-JAN-2008 07:42:36	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	30793	No
122	GOM_NL__2PRFIN20080120_075332_000000362065_00178_30793_9475.N1	20-JAN-2008 07:53:32	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	30793	No
123	GOM_NL__2PRFIN20080120_075646_000000362065_00178_30793_9476.N1	20-JAN-2008 07:56:46	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	30793	No
124	GOM_NL__2PRFIN20080120_080444_000000342065_00178_30793_9477.N1	20-JAN-2008 08:04:44	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	30793	No
125	GOM_NL__2PRFIN20080120_080651_000000332065_00178_30793_9478.N1	20-JAN-2008 08:06:51	Bright	33.000	126	60Bet Oph	2.7700	4250.0	66	30793	No
126	GOM_NL__2PRFIN20080120_081214_000000552065_00178_30793_9479.N1	20-JAN-2008 08:12:14	Bright	55.000	98	13Zet Oph	2.5710	30000.	110	30793	No
127	GOM_NL__2PRFIN20080120_081643_000000542065_00178_30793_9480.N1	20-JAN-2008 08:16:43	Twilight	54.000	16	21Alp Sco	1.0200	3000.0	108	30793	No
128	GOM_NL__2PRFIN20080120_081817_000000432065_00178_30793_9481.N1	20-JAN-2008 08:18:17	Twilight	43.000	75	26Eps Sco	2.2910	4250.0	86	30793	No
129	GOM_NL__2PRFIN20080120_082640_000000372065_00179_30794_9467.N1	20-JAN-2008 08:26:40	Dark	36.500	134	Bet TrA	2.8100	6600.0	73	30794	No
130	GOM_NL__2PRFIN20080120_082853_000000432065_00179_30794_9468.N1	20-JAN-2008 08:28:53	Dark	43.000	10	Bet Cen	0.61000	28000.	86	30794	No
131	GOM_NL__2PRFIN20080120_083642_000000442065_00179_30794_9469.N1	20-JAN-2008 08:36:42	Dark	44.000	29	Bet Car	1.6720	10200.	88	30794	No
132	GOM_NL__2PRFIN20080120_083845_000000392065_00179_30794_9470.N1	20-JAN-2008 08:38:45	Dark	39.000	71	lot Car	2.2460	7700.0	78	30794	No
133	GOM_NL__2PRFIN20080120_084036_000000432065_00179_30794_9471.N1	20-JAN-2008 08:40:36	Dark	43.000	46	Del Vel	1.9540	10600.	86	30794	No
134	GOM_NL__2PRFIN20080120_084320_000000442065_00179_30794_9472.N1	20-JAN-2008 08:43:20	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	30794	No
135	GOM_NL__2PRFIN20080120_084658_000000402065_00179_30794_9473.N1	20-JAN-2008 08:46:58	Straylight	39.500	117	Pi Pup	2.7060	3800.0	79	30794	No
136	GOM_NL__2PRFIN20080120_084928_000000402065_00179_30794_9474.N1	20-JAN-2008 08:49:28	Straylight	39.500	23	21Eps CMa	1.5020	26000.	79	30794	No
137	GOM_NL__2PRFIN20080120_085052_000000382065_00179_30794_9475.N1	20-JAN-2008 08:50:52	Straylight	38.000	179	24Omi2CMa	3.0320	24000.	76	30794	No
138	GOM_NL__2PRFIN20080120_085304_000000422065_00179_30794_9476.N1	20-JAN-2008 08:53:04	Straylight	42.000	1	9Alp CMa	-1.4400	11000.	84	30794	No
139	GOM_NL__2PRFIN20080120_085535_000000412065_00179_30794_9477.N1	20-JAN-2008 08:55:35	Straylight	41.000	56	53Kap Ori	2.0650	30000.	82	30794	No
140	GOM_NL__2PRFIN20080120_085647_000000392065_00179_30794_9478.N1	20-JAN-2008 08:56:47	Twilight	39.000	125	44lot Ori	2.7700	30000.	78	30794	No
141	GOM_NL__2PRFIN20080120_085804_000000412065_00179_30794_9479.N1	20-JAN-2008 08:58:04	Twilight	41.000	30	46Eps Ori	1.6940	30000.	82	30794	No
142	GOM_NL__2PRFIN20080120_090013_000000522065_00179_30794_9480.N1	20-JAN-2008 09:00:13	Twilight	52.000	14	58Alp Ori	0.87000	3000.0	104	30794	No
143	GOM_NL__2PRFIN20080120_090232_000000382065_00179_30794_9481.N1	20-JAN-2008 09:02:32	Bright	37.500	44	24Gam Gem	1.9280	11000.	75	30794	No
144	GOM_NL__2PRFIN20080120_090417_000000392065_00179_30794_9482.N1	20-JAN-2008 09:04:17	Bright	39.000	151	13Mu Gem	2.8900	3000.0	78	30794	No
145	GOM_NL__2PRFIN20080120_090622_000000382065_00179_30794_9483.N1	20-JAN-2008 09:06:22	Bright	38.000	28	12Bet Tau	1.6500	15200.	76	30794	No
146	GOM_NL__2PRFIN20080120_090828_000000352065_00179_30794_9484.N1	20-JAN-2008 09:08:28	Bright	35.000	107	37The Aur	2.6490	11000.	70	30794	No
147	GOM_NL__2PRFIN20080120_091038_000000362065_00179_30794_9485.N1	20-JAN-2008 09:10:38	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	30794	No
148	GOM_NL__2PRFIN20080120_092312_000000342065_00179_30794_9486.N1	20-JAN-2008 09:23:12	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	30794	No
149	GOM_NL__2PRFIN20080120_093408_000000362065_00179_30794_9487.N1	20-JAN-2008 09:34:08	Bright	36.000	130	23Bet Dra	2.7990	5800.0	72	30794	No
150	GOM_NL__2PRFIN20080120_093722_000000352065_00179_30794_9488.N1	20-JAN-2008 09:37:22	Bright	34.500	5	3Alp Lyr	0.033000	11000.	69	30794	No
151	GOM_NL__2PRFIN20080120_094520_000000342065_00179_30794_9489.N1	20-JAN-2008 09:45:20	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	30794	No
152	GOM_NL__2PRFIN20080120_094727_000000342065_00179_30794_9490.N1	20-JAN-2008 09:47:27	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	30794	No
153	GOM_NL__2PRFIN20080120_095250_000000392065_00179_30794_9491.N1	20-JAN-2008 09:52:50	Bright	38.500	98	13Zet Oph	2.5710	30000.	77	30794	No
154	GOM_NL__2PRFIN20080120_095719_000000462065_00179_30794_9492.N1	20-JAN-2008 09:57:19	Twilight	45.500	16	21Alp Sco	1.0200	3000.0	91	30794	No
155	GOM_NL__2PRFIN20080120_095854_000000422065_00179_30794_9493.N1	20-JAN-2008 09:58:54	Twilight	42.000	75	26Eps Sco	2.2910	4250.0	84	30794	No
156	GOM_NL__2PRFIN20080120_100716_000000372065_00180_30795_9494.N1	20-JAN-2008 10:07:16	Dark	37.000	134	Bet TrA	2.8100	6600.0	74	30795	No
157	GOM_NL__2PRFIN20080120_100930_000000422065_00180_30795_9495.N1	20-JAN-2008 10:09:30	Dark	41.500	10	Bet Cen	0.61000	28000.	83	30795	No
158	GOM_NL__2PRFIN20080120_101718_000000382065_00180_30795_9496.N1	20-JAN-2008 10:17:18	Dark	37.500	29	Bet Car	1.6720	10200.	75	30795	No
159	GOM_NL__2PRFIN20080120_101922_000000412065_00180_30795_9497.N1	20-JAN-2008 10:19:22	Dark	41.000	71	lot Car	2.2460	7700.0	82	30795	No
160	GOM_NL__2PRFIN20080120_102112_000000402065_00180_30795_9498.N1	20-JAN-2008 10:21:12	Dark	40.000	46	Del Vel	1.9540	10600.	80	30795	No

161	GOM_NL__2PRFIN20080120_102356_000000502065_00180_30795_9499.N1	20-JAN-2008 10:23:56	Dark	50.000	2	Alp Car	-0.73600	7000.0	100	30795	No
162	GOM_NL__2PRFIN20080120_102734_000000422065_00180_30795_9500.N1	20-JAN-2008 10:27:34	Straylight	41.500	117	Pi Pup	2.7060	3800.0	83	30795	No
163	GOM_NL__2PRFIN20080120_103004_000000442065_00180_30795_9501.N1	20-JAN-2008 10:30:04	Straylight	43.500	23	21Eps CMa	1.5020	26000.	87	30795	No
164	GOM_NL__2PRFIN20080120_103128_000000382065_00180_30795_9502.N1	20-JAN-2008 10:31:28	Straylight	37.500	179	24Omi2CMa	3.0320	24000.	75	30795	No
165	GOM_NL__2PRFIN20080120_103340_000000432065_00180_30795_9503.N1	20-JAN-2008 10:33:40	Straylight	42.500	1	9Alp CMa	-1.4400	11000.	85	30795	No
166	GOM_NL__2PRFIN20080120_103611_000000402065_00180_30795_9504.N1	20-JAN-2008 10:36:11	Straylight	40.000	56	53Kap Ori	2.0650	30000.	80	30795	No
167	GOM_NL__2PRFIN20080120_103723_000000392065_00180_30795_9505.N1	20-JAN-2008 10:37:23	Twilight	38.500	125	44lot Ori	2.7700	30000.	77	30795	No
168	GOM_NL__2PRFIN20080120_103840_000000402065_00180_30795_9506.N1	20-JAN-2008 10:38:40	Twilight	39.500	30	46Eps Ori	1.6940	30000.	79	30795	No
169	GOM_NL__2PRFIN20080120_104049_000000442065_00180_30795_9507.N1	20-JAN-2008 10:40:49	Twilight	43.500	14	58Alp Ori	0.87000	3000.0	87	30795	No
170	GOM_NL__2PRFIN20080120_104308_000000422065_00180_30795_9508.N1	20-JAN-2008 10:43:08	Bright	42.000	44	24Gam Gem	1.9280	11000.	84	30795	No
171	GOM_NL__2PRFIN20080120_104453_000000412065_00180_30795_9509.N1	20-JAN-2008 10:44:53	Bright	40.500	151	13Mu Gem	2.8900	3000.0	81	30795	No
172	GOM_NL__2PRFIN20080120_104658_000000372065_00180_30795_9510.N1	20-JAN-2008 10:46:58	Bright	37.000	28	12Bet Tau	1.6500	15200.	74	30795	No
173	GOM_NL__2PRFIN20080120_104904_000000362065_00180_30795_9511.N1	20-JAN-2008 10:49:04	Bright	35.500	107	37The Aur	2.6490	11000.	71	30795	No
174	GOM_NL__2PRFIN20080120_105114_000000362065_00180_30795_9512.N1	20-JAN-2008 10:51:14	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	30795	No
175	GOM_NL__2PRFIN20080120_110347_000000362065_00180_30795_9513.N1	20-JAN-2008 11:03:47	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	30795	No
176	GOM_NL__2PRFIN20080120_111443_000000342065_00180_30795_9514.N1	20-JAN-2008 11:14:43	Bright	33.500	130	23Bet Dra	2.7990	5800.0	67	30795	No
177	GOM_NL__2PRFIN20080120_111758_000000352065_00180_30795_9515.N1	20-JAN-2008 11:17:58	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	30795	No
178	GOM_NL__2PRFIN20080120_112556_000000342065_00180_30795_9516.N1	20-JAN-2008 11:25:56	Bright	33.500	59	55Alp Oph	2.0800	8900.0	67	30795	No
179	GOM_NL__2PRFIN20080120_112803_000000332065_00180_30795_9517.N1	20-JAN-2008 11:28:03	Bright	33.000	126	60Bet Oph	2.7700	4250.0	66	30795	No
180	GOM_NL__2PRFIN20080120_113327_000000382065_00180_30795_9518.N1	20-JAN-2008 11:33:27	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	30795	No
181	GOM_NL__2PRFIN20080120_113756_000000452065_00180_30795_9519.N1	20-JAN-2008 11:37:56	Twilight	45.000	16	21Alp Sco	1.0200	3000.0	90	30795	No
182	GOM_NL__2PRFIN20080120_113930_000000432065_00180_30795_9520.N1	20-JAN-2008 11:39:30	Twilight	43.000	75	26Eps Sco	2.2910	4250.0	86	30795	No
183	GOM_NL__2PRFIN20080120_114752_000000372065_00181_30796_9531.N1	20-JAN-2008 11:47:52	Dark	36.500	134	Bet TrA	2.8100	6600.0	73	30796	No
184	GOM_NL__2PRFIN20080120_115006_000000422065_00181_30796_9532.N1	20-JAN-2008 11:50:06	Dark	41.500	10	Bet Cen	0.61000	28000.	83	30796	No
185	GOM_NL__2PRFIN20080120_115754_000000382065_00181_30796_9533.N1	20-JAN-2008 11:57:54	Dark	37.500	29	Bet Car	1.6720	10200.	75	30796	No
186	GOM_NL__2PRFIN20080120_115958_000000392065_00181_30796_9534.N1	20-JAN-2008 11:59:58	Dark	38.500	71	lot Car	2.2460	7700.0	77	30796	No
187	GOM_NL__2PRFIN20080120_120148_000000392065_00181_30796_9535.N1	20-JAN-2008 12:01:48	Dark	39.000	46	Del Vel	1.9540	10600.	78	30796	No
188	GOM_NL__2PRFIN20080120_120432_000000442065_00181_30796_9536.N1	20-JAN-2008 12:04:32	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	30796	No
189	GOM_NL__2PRFIN20080120_120810_000000452065_00181_30796_9537.N1	20-JAN-2008 12:08:10	Straylight	44.500	117	Pi Pup	2.7060	3800.0	89	30796	No
190	GOM_NL__2PRFIN20080120_121040_000000422065_00181_30796_9538.N1	20-JAN-2008 12:10:40	Straylight	41.500	23	21Eps CMa	1.5020	26000.	83	30796	No
191	GOM_NL__2PRFIN20080120_121205_000000382065_00181_30796_9539.N1	20-JAN-2008 12:12:05	Straylight	37.500	179	24Omi2CMa	3.0320	24000.	75	30796	No
192	GOM_NL__2PRFIN20080120_121416_000000472065_00181_30796_9540.N1	20-JAN-2008 12:14:16	Straylight	46.500	1	9Alp CMa	-1.4400	11000.	93	30796	No
193	GOM_NL__2PRFIN20080120_121647_000000402065_00181_30796_9541.N1	20-JAN-2008 12:16:47	Straylight	40.000	56	53Kap Ori	2.0650	30000.	80	30796	No
194	GOM_NL__2PRFIN20080120_121759_000000382065_00181_30796_9542.N1	20-JAN-2008 12:17:59	Twilight	38.000	125	44lot Ori	2.7700	30000.	76	30796	No
195	GOM_NL__2PRFIN20080120_121916_000000392065_00181_30796_9543.N1	20-JAN-2008 12:19:16	Twilight	38.500	30	46Eps Ori	1.6940	30000.	77	30796	No
196	GOM_NL__2PRFIN20080120_122125_000000452065_00181_30796_9544.N1	20-JAN-2008 12:21:25	Twilight	44.500	14	58Alp Ori	0.87000	3000.0	89	30796	No
197	GOM_NL__2PRFIN20080120_122344_000000432065_00181_30796_9545.N1	20-JAN-2008 12:23:44	Bright	42.500	44	24Gam Gem	1.9280	11000.	85	30796	No
198	GOM_NL__2PRFIN20080120_122529_000000402065_00181_30796_9546.N1	20-JAN-2008 12:25:29	Bright	39.500	151	13Mu Gem	2.8900	3000.0	79	30796	No
199	GOM_NL__2PRFIN20080120_122734_000000372065_00181_30796_9547.N1	20-JAN-2008 12:27:34	Bright	36.500	28	12Bet Tau	1.6500	15200.	73	30796	No
200	GOM_NL__2PRFIN20080120_122940_000000352065_00181_30796_9548.N1	20-JAN-2008 12:29:40	Bright	34.500	107	37The Aur	2.6490	11000.	69	30796	No
201	GOM_NL__2PRFIN20080120_123150_000000372065_00181_30796_9549.N1	20-JAN-2008 12:31:50	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	30796	No
202	GOM_NL__2PRFIN20080120_124423_000000342065_00181_30796_9550.N1	20-JAN-2008 12:44:23	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	30796	No
203	GOM_NL__2PRFIN20080120_125520_000000372065_00181_30796_9551.N1	20-JAN-2008 12:55:20	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	30796	No
204	GOM_NL__2PRFIN20080120_125834_000000372065_00181_30796_9552.N1	20-JAN-2008 12:58:34	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	30796	No
205	GOM_NL__2PRFIN20080120_130633_000000342065_00181_30796_9553.N1	20-JAN-2008 13:06:33	Bright	33.500	59	55Alp Oph	2.0800	8900.0	67	30796	No
206	GOM_NL__2PRFIN20080120_130839_000000342065_00181_30796_9554.N1	20-JAN-2008 13:08:39	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	30796	No
207	GOM_NL__2PRFIN20080120_131403_000000392065_00181_30796_9555.N1	20-JAN-2008 13:14:03	Bright	38.500	98	13Zet Oph	2.5710	30000.	77	30796	No
208	GOM_NL__2PRFIN20080120_131832_000000482065_00181_30796_9556.N1	20-JAN-2008 13:18:32	Twilight	48.000	16	21Alp Sco	1.0200	3000.0	96	30796	No
209	GOM_NL__2PRFIN20080120_132006_000000452065_00181_30796_9557.N1	20-JAN-2008 13:20:06	Twilight	44.500	75	26Eps Sco	2.2910	4250.0	89	30796	No
210	GOM_NL__2PRFIN20080120_132343_000000262065_00181_30796_9558.N1	20-JAN-2008 13:23:43	Dark	26.000	147	Alp Ara	2.8770	26000.	52	30796	No
211	GOM_NL__2PRFIN20080120_132828_000000372065_00182_30797_9527.N1	20-JAN-2008 13:28:28	Dark	36.500	134	Bet TrA	2.8100	6600.0	73	30797	No
212	GOM_NL__2PRFIN20080120_133042_000000392065_00182_30797_9528.N1	20-JAN-2008 13:30:42	Dark	38.500	10	Bet Cen	0.61000	28000.	77	30797	No
213	GOM_NL__2PRFIN20080120_133830_000000372065_00182_30797_9529.N1	20-JAN-2008 13:38:30	Dark	37.000	29	Bet Car	1.6720	10200.	74	30797	No
214	GOM_NL__2PRFIN20080120_134034_000000452065_00182_30797_9530.N1	20-JAN-2008 13:40:34	Dark	45.000	71	lot Car	2.2460	7700.0	90	30797	No
215	GOM_NL__2PRFIN20080120_134224_000000422065_00182_30797_9531.N1	20-JAN-2008 13:42:24	Dark	42.000	46	Del Vel	1.9540	10600.	84	30797	No
216	GOM_NL__2PRFIN20080120_134508_000000442065_00182_30797_9532.N1	20-JAN-2008 13:45:08	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	30797	No
217	GOM_NL__2PRFIN20080120_134846_000000452065_00182_30797_9533.N1	20-JAN-2008 13:48:46	Straylight	44.500	117	Pi Pup	2.7060	3800.0	89	30797	No
218	GOM_NL__2PRFIN20080120_135117_000000422065_00182_30797_9534.N1	20-JAN-2008 13:51:17	Straylight	42.000	23	21Eps CMa	1.5020	26000.	84	30797	No
219	GOM_NL__2PRFIN20080120_135240_000000382065_00182_30797_9535.N1	20-JAN-2008 13:52:40	Straylight	37.500	179	24Omi2CMa	3.0320	24000.	75	30797	No

220	GOM_NL__2PRFIN20080120_135452_000000442065_00182_30797_9536.N1	20-JAN-2008 13:54:52	Straylight	43.500	1	9Alp CMa	-1.4400	11000.	87	30797	No
221	GOM_NL__2PRFIN20080120_135723_000000382065_00182_30797_9537.N1	20-JAN-2008 13:57:23	Straylight	38.000	56	53Kap Ori	2.0650	30000.	76	30797	No
222	GOM_NL__2PRFIN20080120_135835_000000372065_00182_30797_9538.N1	20-JAN-2008 13:58:35	Twilight	36.500	125	44lot Ori	2.7700	30000.	73	30797	No
223	GOM_NL__2PRFIN20080120_135952_000000392065_00182_30797_9539.N1	20-JAN-2008 13:59:52	Twilight	39.000	30	46Eps Ori	1.6940	30000.	78	30797	No
224	GOM_NL__2PRFIN20080120_140201_000000452065_00182_30797_9540.N1	20-JAN-2008 14:02:01	Twilight	45.000	14	58Alp Ori	0.87000	3000.0	90	30797	No
225	GOM_NL__2PRFIN20080120_140420_000000452065_00182_30797_9541.N1	20-JAN-2008 14:04:20	Bright	45.000	44	24Gam Gem	1.9280	11000.	90	30797	No
226	GOM_NL__2PRFIN20080120_140605_000000402065_00182_30797_9542.N1	20-JAN-2008 14:06:05	Bright	39.500	151	13Mu Gem	2.8900	3000.0	79	30797	No
227	GOM_NL__2PRFIN20080120_140810_000000372065_00182_30797_9543.N1	20-JAN-2008 14:08:10	Bright	37.000	28	12Bet Tau	1.6500	15200.	74	30797	No
228	GOM_NL__2PRFIN20080120_141016_000000352065_00182_30797_9544.N1	20-JAN-2008 14:10:16	Bright	34.500	107	37The Aur	2.6490	11000.	69	30797	No
229	GOM_NL__2PRFIN20080120_141226_000000352065_00182_30797_9545.N1	20-JAN-2008 14:12:26	Bright	34.500	42	34Bet Aur	1.9000	10200.	69	30797	No
230	GOM_NL__2PRFIN20080120_142459_000000332065_00182_30797_9546.N1	20-JAN-2008 14:24:59	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	30797	No
231	GOM_NL__2PRFIN20080120_143555_000000352065_00182_30797_9547.N1	20-JAN-2008 14:35:55	Bright	34.500	130	23Bet Dra	2.7990	5800.0	69	30797	No
232	GOM_NL__2PRFIN20080120_143911_000000362065_00182_30797_9548.N1	20-JAN-2008 14:39:11	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	30797	No
233	GOM_NL__2PRFIN20080120_144709_000000342065_00182_30797_9549.N1	20-JAN-2008 14:47:09	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	30797	No
234	GOM_NL__2PRFIN20080120_144915_000000332065_00182_30797_9550.N1	20-JAN-2008 14:49:15	Bright	33.000	126	60Bet Oph	2.7700	4250.0	66	30797	No
235	GOM_NL__2PRFIN20080120_145440_000000552065_00182_30797_9551.N1	20-JAN-2008 14:54:40	Bright	55.000	98	13Zet Oph	2.5710	30000.	110	30797	No
236	GOM_NL__2PRFIN20080120_145908_000000462065_00182_30797_9552.N1	20-JAN-2008 14:59:08	Twilight	46.000	16	21Alp Sco	1.0200	3000.0	92	30797	No
237	GOM_NL__2PRFIN20080120_150042_000000412065_00182_30797_9553.N1	20-JAN-2008 15:00:42	Twilight	40.500	75	26Eps Sco	2.2910	4250.0	81	30797	No
238	GOM_NL__2PRFIN20080120_150419_000000262065_00182_30797_9554.N1	20-JAN-2008 15:04:19	Dark	26.000	147	Alp Ara	2.8770	26000.	52	30797	No
239	GOM_NL__2PRFIN20080120_150905_000000372065_00183_30798_9542.N1	20-JAN-2008 15:09:05	Dark	36.500	134	Bet TrA	2.8100	6600.0	73	30798	No
240	GOM_NL__2PRFIN20080120_151119_000000482065_00183_30798_9543.N1	20-JAN-2008 15:11:19	Dark	48.000	10	Bet Cen	0.61000	28000.	96	30798	No
241	GOM_NL__2PRFIN20080120_151907_000000452065_00183_30798_9544.N1	20-JAN-2008 15:19:07	Dark	45.000	29	Bet Car	1.6720	10200.	90	30798	No
242	GOM_NL__2PRFIN20080120_152110_000000392065_00183_30798_9545.N1	20-JAN-2008 15:21:10	Dark	39.000	71	lot Car	2.2460	7700.0	78	30798	No
243	GOM_NL__2PRFIN20080120_152301_000000392065_00183_30798_9546.N1	20-JAN-2008 15:23:01	Dark	39.000	46	Del Vel	1.9540	10600.	78	30798	No
244	GOM_NL__2PRFIN20080120_152544_000000422065_00183_30798_9547.N1	20-JAN-2008 15:25:44	Dark	42.000	2	Alp Car	-0.73600	7000.0	84	30798	No
245	GOM_NL__2PRFIN20080120_152922_000000442065_00183_30798_9548.N1	20-JAN-2008 15:29:22	Straylight	43.500	117	Pi Pup	2.7060	3800.0	87	30798	No
246	GOM_NL__2PRFIN20080120_153153_000000402065_00183_30798_9549.N1	20-JAN-2008 15:31:53	Straylight	40.000	23	21Eps CMa	1.5020	26000.	80	30798	No
247	GOM_NL__2PRFIN20080120_153317_000000392065_00183_30798_9550.N1	20-JAN-2008 15:33:17	Straylight	39.000	179	24Omi2CMa	3.0320	24000.	78	30798	No
248	GOM_NL__2PRFIN20080120_153528_000000462065_00183_30798_9551.N1	20-JAN-2008 15:35:28	Straylight	46.000	1	9Alp CMa	-1.4400	11000.	92	30798	No
249	GOM_NL__2PRFIN20080120_153759_000000392065_00183_30798_9552.N1	20-JAN-2008 15:37:59	Straylight	39.000	56	53Kap Ori	2.0650	30000.	78	30798	No
250	GOM_NL__2PRFIN20080120_153911_000000362065_00183_30798_9553.N1	20-JAN-2008 15:39:11	Twilight	35.500	125	44lot Ori	2.7700	30000.	71	30798	No
251	GOM_NL__2PRFIN20080120_154028_000000392065_00183_30798_9554.N1	20-JAN-2008 15:40:28	Twilight	39.000	30	46Eps Ori	1.6940	30000.	78	30798	No
252	GOM_NL__2PRFIN20080120_154237_000000462065_00183_30798_9555.N1	20-JAN-2008 15:42:37	Twilight	45.500	14	58Alp Ori	0.87000	3000.0	91	30798	No
253	GOM_NL__2PRFIN20080120_154456_000000512065_00183_30798_9556.N1	20-JAN-2008 15:44:56	Bright	51.000	44	24Gam Gem	1.9280	11000.	102	30798	No
254	GOM_NL__2PRFIN20080120_154641_000000402065_00183_30798_9557.N1	20-JAN-2008 15:46:41	Bright	40.000	151	13Mu Gem	2.8900	3000.0	80	30798	No
255	GOM_NL__2PRFIN20080120_154846_000000372065_00183_30798_9558.N1	20-JAN-2008 15:48:46	Bright	37.000	28	12Bet Tau	1.6500	15200.	74	30798	No
256	GOM_NL__2PRFIN20080120_155052_000000422065_00183_30798_9559.N1	20-JAN-2008 15:50:52	Bright	41.500	107	37The Aur	2.6490	11000.	83	30798	No
257	GOM_NL__2PRFIN20080120_155302_000000352065_00183_30798_9560.N1	20-JAN-2008 15:53:02	Bright	34.500	42	34Bet Aur	1.9000	10200.	69	30798	No
258	GOM_NL__2PRFIN20080120_160535_000000362065_00183_30798_9561.N1	20-JAN-2008 16:05:35	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	30798	No
259	GOM_NL__2PRFIN20080120_161631_000000362065_00183_30798_9562.N1	20-JAN-2008 16:16:31	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	30798	No
260	GOM_NL__2PRFIN20080120_161947_000000342065_00183_30798_9563.N1	20-JAN-2008 16:19:47	Bright	33.500	5	3Alp Lyr	0.033000	11000.	67	30798	No
261	GOM_NL__2PRFIN20080120_162745_000000342065_00183_30798_9564.N1	20-JAN-2008 16:27:45	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	30798	No
262	GOM_NL__2PRFIN20080120_162951_000000342065_00183_30798_9565.N1	20-JAN-2008 16:29:51	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	30798	No
263	GOM_NL__2PRFIN20080120_163516_000000382065_00183_30798_9566.N1	20-JAN-2008 16:35:16	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	30798	No
264	GOM_NL__2PRFIN20080120_163945_000000462065_00183_30798_9567.N1	20-JAN-2008 16:39:45	Twilight	45.500	16	21Alp Sco	1.0200	3000.0	91	30798	No
265	GOM_NL__2PRFIN20080120_164119_000000422065_00183_30798_9568.N1	20-JAN-2008 16:41:19	Twilight	42.000	75	26Eps Sco	2.2910	4250.0	84	30798	No
266	GOM_NL__2PRFIN20080120_164455_000000362065_00183_30798_9569.N1	20-JAN-2008 16:44:55	Dark	35.500	147	Alp Ara	2.8770	26000.	71	30798	No
267	GOM_NL__2PRFIN20080120_164941_000000372065_00184_30799_9552.N1	20-JAN-2008 16:49:41	Dark	36.500	134	Bet TrA	2.8100	6600.0	73	30799	No
268	GOM_NL__2PRFIN20080120_165155_000000412065_00184_30799_9553.N1	20-JAN-2008 16:51:55	Dark	41.000	10	Bet Cen	0.61000	28000.	82	30799	No
269	GOM_NL__2PRFIN20080120_165943_000000382065_00184_30799_9554.N1	20-JAN-2008 16:59:43	Dark	37.500	29	Bet Car	1.6720	10200.	75	30799	No
270	GOM_NL__2PRFIN20080120_170147_000000412065_00184_30799_9555.N1	20-JAN-2008 17:01:47	Dark	40.500	71	lot Car	2.2460	7700.0	81	30799	No
271	GOM_NL__2PRFIN20080120_170337_000000442065_00184_30799_9556.N1	20-JAN-2008 17:03:37	Dark	43.500	46	Del Vel	1.9540	10600.	87	30799	No
272	GOM_NL__2PRFIN20080120_170620_000000522065_00184_30799_9557.N1	20-JAN-2008 17:06:20	Dark	51.500	2	Alp Car	-0.73600	7000.0	103	30799	No
273	GOM_NL__2PRFIN20080120_170959_000000472065_00184_30799_9558.N1	20-JAN-2008 17:09:59	Straylight	47.000	117	Pi Pup	2.7060	3800.0	94	30799	No
274	GOM_NL__2PRFIN20080120_171229_000000422065_00184_30799_9559.N1	20-JAN-2008 17:12:29	Straylight	42.000	23	21Eps CMa	1.5020	26000.	84	30799	No
275	GOM_NL__2PRFIN20080120_171353_000000372065_00184_30799_9560.N1	20-JAN-2008 17:13:53	Straylight	37.000	179	24Omi2CMa	3.0320	24000.	74	30799	No
276	GOM_NL__2PRFIN20080120_171604_000000392065_00184_30799_9561.N1	20-JAN-2008 17:16:04	Straylight	38.500	1	9Alp CMa	-1.4400	11000.	77	30799	No
277	GOM_NL__2PRFIN20080120_171836_000000382065_00184_30799_9562.N1	20-JAN-2008 17:18:36	Straylight	38.000	56	53Kap Ori	2.0650	30000.	76	30799	No
278	GOM_NL__2PRFIN20080120_171947_000000372065_00184_30799_9563.N1	20-JAN-2008 17:19:47	Twilight	36.500	125	44lot Ori	2.7700	30000.	73	30799	No

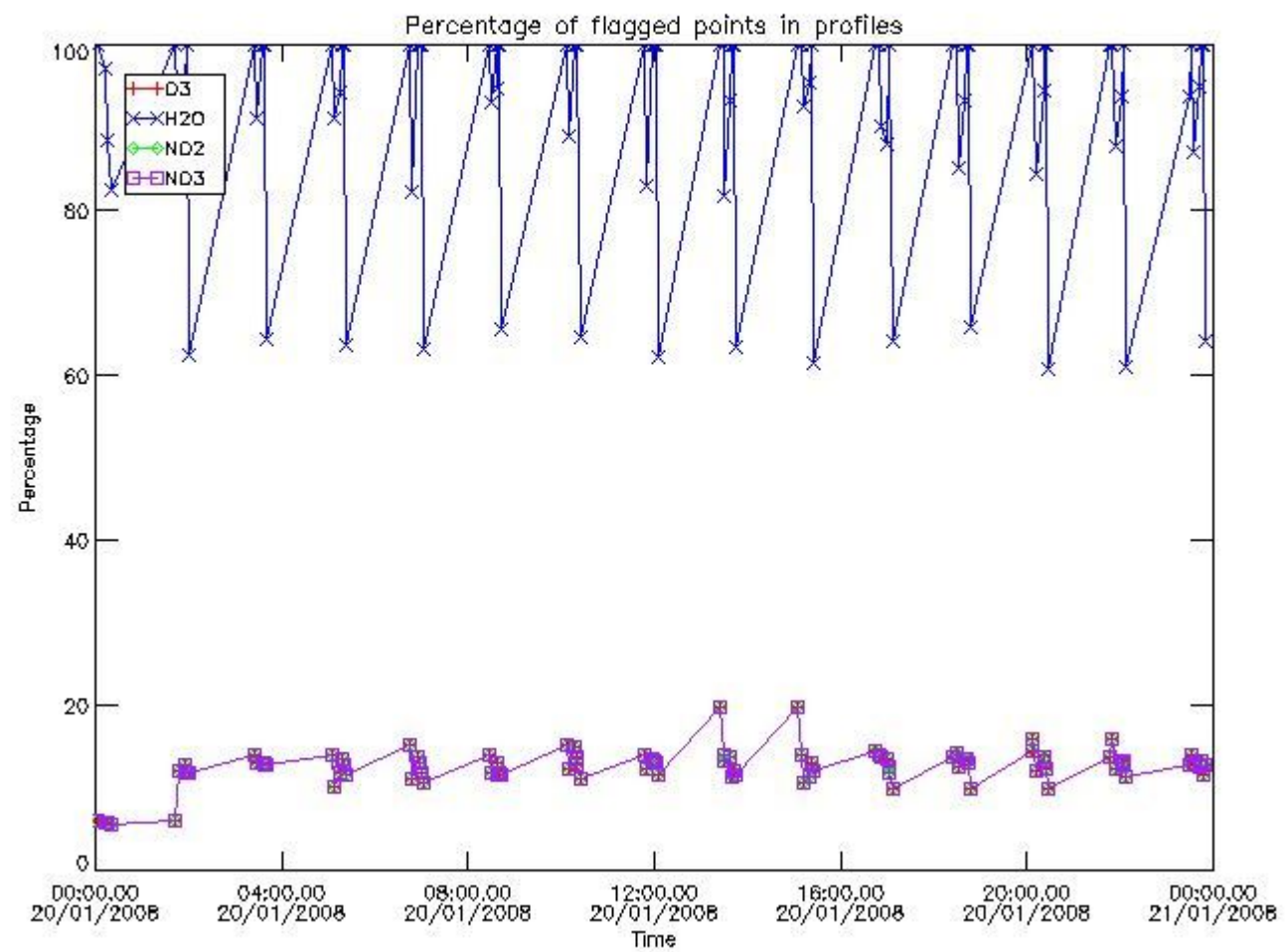
279	GOM_NL__2PRFIN20080120_172104_000000412065_00184_30799_9564.N1	20-JAN-2008 17:21:04	Twilight	41.000	30	46Eps Ori	1.6940	30000.	82	30799	No
280	GOM_NL__2PRFIN20080120_172313_000000522065_00184_30799_9565.N1	20-JAN-2008 17:23:13	Twilight	52.000	14	58Alp Ori	0.87000	3000.0	104	30799	No
281	GOM_NL__2PRFIN20080120_172532_000000492065_00184_30799_9566.N1	20-JAN-2008 17:25:32	Bright	49.000	44	24Gam Gem	1.9280	11000.	98	30799	No
282	GOM_NL__2PRFIN20080120_172717_000000392065_00184_30799_9567.N1	20-JAN-2008 17:27:17	Bright	39.000	151	13Mu Gem	2.8900	3000.0	78	30799	No
283	GOM_NL__2PRFIN20080120_172922_000000372065_00184_30799_9568.N1	20-JAN-2008 17:29:22	Bright	37.000	28	12Bet Tau	1.6500	15200.	74	30799	No
284	GOM_NL__2PRFIN20080120_173128_000000352065_00184_30799_9569.N1	20-JAN-2008 17:31:28	Bright	34.500	107	37The Aur	2.6490	11000.	69	30799	No
285	GOM_NL__2PRFIN20080120_173338_000000362065_00184_30799_9570.N1	20-JAN-2008 17:33:38	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	30799	No
286	GOM_NL__2PRFIN20080120_174611_000000362065_00184_30799_9571.N1	20-JAN-2008 17:46:11	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	30799	No
287	GOM_NL__2PRFIN20080120_175708_000000342065_00184_30799_9572.N1	20-JAN-2008 17:57:08	Bright	34.000	130	23Bet Dra	2.7990	5800.0	68	30799	No
288	GOM_NL__2PRFIN20080120_180023_000000342065_00184_30799_9573.N1	20-JAN-2008 18:00:23	Bright	33.500	5	3Alp Lyr	0.033000	11000.	67	30799	No
289	GOM_NL__2PRFIN20080120_180821_000000342065_00184_30799_9574.N1	20-JAN-2008 18:08:21	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	30799	No
290	GOM_NL__2PRFIN20080120_181028_000000342065_00184_30799_9575.N1	20-JAN-2008 18:10:28	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	30799	No
291	GOM_NL__2PRFIN20080120_181552_000000442065_00184_30799_9576.N1	20-JAN-2008 18:15:52	Bright	43.500	98	13Zet Oph	2.5710	30000.	87	30799	No
292	GOM_NL__2PRFIN20080120_182021_000000522065_00184_30799_9577.N1	20-JAN-2008 18:20:21	Twilight	51.500	16	21Alp Sco	1.0200	3000.0	103	30799	No
293	GOM_NL__2PRFIN20080120_182155_000000422065_00184_30799_9578.N1	20-JAN-2008 18:21:55	Twilight	42.000	75	26Eps Sco	2.2910	4250.0	84	30799	No
294	GOM_NL__2PRFIN20080120_182531_000000372065_00184_30799_9579.N1	20-JAN-2008 18:25:31	Dark	37.000	147	Alp Ara	2.8770	26000.	74	30799	No
295	GOM_NL__2PRFIN20080120_183017_000000362065_00185_30800_9572.N1	20-JAN-2008 18:30:17	Dark	36.000	134	Bet TrA	2.8100	6600.0	72	30800	No
296	GOM_NL__2PRFIN20080120_183232_000000412065_00185_30800_9573.N1	20-JAN-2008 18:32:32	Dark	40.500	10	Bet Cen	0.61000	28000.	81	30800	No
297	GOM_NL__2PRFIN20080120_184019_000000382065_00185_30800_9574.N1	20-JAN-2008 18:40:19	Dark	37.500	29	Bet Car	1.6720	10200.	75	30800	No
298	GOM_NL__2PRFIN20080120_184223_000000382065_00185_30800_9575.N1	20-JAN-2008 18:42:23	Dark	38.000	71	lot Car	2.2460	7700.0	76	30800	No
299	GOM_NL__2PRFIN20080120_184413_000000402065_00185_30800_9576.N1	20-JAN-2008 18:44:13	Dark	39.500	46	Del Vel	1.9540	10600.	79	30800	No
300	GOM_NL__2PRFIN20080120_184656_000000522065_00185_30800_9577.N1	20-JAN-2008 18:46:56	Dark	51.500	2	Alp Car	-0.73600	7000.0	103	30800	No
301	GOM_NL__2PRFIN20080120_185035_000000432065_00185_30800_9578.N1	20-JAN-2008 18:50:35	Straylight	43.000	117	Pi Pup	2.7060	3800.0	86	30800	No
302	GOM_NL__2PRFIN20080120_185305_000000402065_00185_30800_9579.N1	20-JAN-2008 18:53:05	Straylight	39.500	23	21Eps CMa	1.5020	26000.	79	30800	No
303	GOM_NL__2PRFIN20080120_185429_000000392065_00185_30800_9580.N1	20-JAN-2008 18:54:29	Straylight	38.500	179	24Omi2CMa	3.0320	24000.	77	30800	No
304	GOM_NL__2PRFIN20080120_185640_000000452065_00185_30800_9581.N1	20-JAN-2008 18:56:40	Straylight	45.000	1	9Alp CMa	-1.4400	11000.	90	30800	No
305	GOM_NL__2PRFIN20080120_185912_000000362065_00185_30800_9582.N1	20-JAN-2008 18:59:12	Straylight	36.000	56	53Kap Ori	2.0650	30000.	72	30800	No
306	GOM_NL__2PRFIN20080120_190024_000000382065_00185_30800_9583.N1	20-JAN-2008 19:00:24	Twilight	37.500	125	44lot Ori	2.7700	30000.	75	30800	No
307	GOM_NL__2PRFIN20080120_190141_000000402065_00185_30800_9584.N1	20-JAN-2008 19:01:41	Twilight	40.000	30	46Eps Ori	1.6940	30000.	80	30800	No
308	GOM_NL__2PRFIN20080120_190350_000000522065_00185_30800_9585.N1	20-JAN-2008 19:03:50	Twilight	52.000	14	58Alp Ori	0.87000	3000.0	104	30800	No
309	GOM_NL__2PRFIN20080120_190608_000000442065_00185_30800_9586.N1	20-JAN-2008 19:06:08	Bright	44.000	44	24Gam Gem	1.9280	11000.	88	30800	No
310	GOM_NL__2PRFIN20080120_190753_000000372065_00185_30800_9587.N1	20-JAN-2008 19:07:53	Bright	36.500	151	13Mu Gem	2.8900	3000.0	73	30800	No
311	GOM_NL__2PRFIN20080120_190959_000000372065_00185_30800_9588.N1	20-JAN-2008 19:09:59	Bright	37.000	28	12Bet Tau	1.6500	15200.	74	30800	No
312	GOM_NL__2PRFIN20080120_191204_000000372065_00185_30800_9589.N1	20-JAN-2008 19:12:04	Bright	36.500	107	37The Aur	2.6490	11000.	73	30800	No
313	GOM_NL__2PRFIN20080120_191414_000000362065_00185_30800_9590.N1	20-JAN-2008 19:14:14	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	30800	No
314	GOM_NL__2PRFIN20080120_192647_000000372065_00185_30800_9591.N1	20-JAN-2008 19:26:47	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	30800	No
315	GOM_NL__2PRFIN20080120_193744_000000342065_00185_30800_9592.N1	20-JAN-2008 19:37:44	Bright	33.500	130	23Bet Dra	2.7990	5800.0	67	30800	No
316	GOM_NL__2PRFIN20080120_194059_000000332065_00185_30800_9593.N1	20-JAN-2008 19:40:59	Bright	33.000	5	3Alp Lyr	0.033000	11000.	66	30800	No
317	GOM_NL__2PRFIN20080120_194857_000000342065_00185_30800_9594.N1	20-JAN-2008 19:48:57	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	30800	No
318	GOM_NL__2PRFIN20080120_195104_000000342065_00185_30800_9595.N1	20-JAN-2008 19:51:04	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	30800	No
319	GOM_NL__2PRFIN20080120_195629_000000262065_00185_30800_9596.N1	20-JAN-2008 19:56:29	Twilight	26.000	98	13Zet Oph	2.5710	30000.	52	30800	No
320	GOM_NL__2PRFIN20080120_200058_000000502065_00185_30800_9597.N1	20-JAN-2008 20:00:58	Twilight	49.500	16	21Alp Sco	1.0200	3000.0	99	30800	No
321	GOM_NL__2PRFIN20080120_200231_000000442065_00185_30800_9598.N1	20-JAN-2008 20:02:31	Twilight	44.000	75	26Eps Sco	2.2910	4250.0	88	30800	No
322	GOM_NL__2PRFIN20080120_200607_000000352065_00185_30800_9599.N1	20-JAN-2008 20:06:07	Dark	35.000	147	Alp Ara	2.8770	26000.	70	30800	No
323	GOM_NL__2PRFIN20080120_200743_000000322065_00185_30800_9600.N1	20-JAN-2008 20:07:43	Dark	32.000	141	Bet Ara	2.8400	4600.0	64	30800	No
324	GOM_NL__2PRFIN20080120_201308_000000422065_00186_30801_9585.N1	20-JAN-2008 20:13:08	Dark	42.000	10	Bet Cen	0.61000	28000.	84	30801	No
325	GOM_NL__2PRFIN20080120_202055_000000372065_00186_30801_9586.N1	20-JAN-2008 20:20:55	Dark	37.000	29	Bet Car	1.6720	10200.	74	30801	No
326	GOM_NL__2PRFIN20080120_202300_000000392065_00186_30801_9587.N1	20-JAN-2008 20:23:00	Dark	38.500	71	lot Car	2.2460	7700.0	77	30801	No
327	GOM_NL__2PRFIN20080120_202450_000000422065_00186_30801_9588.N1	20-JAN-2008 20:24:50	Dark	41.500	46	Del Vel	1.9540	10600.	83	30801	No
328	GOM_NL__2PRFIN20080120_202732_000000522065_00186_30801_9589.N1	20-JAN-2008 20:27:32	Dark	51.500	2	Alp Car	-0.73600	7000.0	103	30801	No
329	GOM_NL__2PRFIN20080120_203111_000000422065_00186_30801_9590.N1	20-JAN-2008 20:31:11	Straylight	41.500	117	Pi Pup	2.7060	3800.0	83	30801	No
330	GOM_NL__2PRFIN20080120_203341_000000412065_00186_30801_9591.N1	20-JAN-2008 20:33:41	Straylight	40.500	23	21Eps CMa	1.5020	26000.	81	30801	No
331	GOM_NL__2PRFIN20080120_203505_000000382065_00186_30801_9592.N1	20-JAN-2008 20:35:05	Straylight	37.500	179	24Omi2CMa	3.0320	24000.	75	30801	No
332	GOM_NL__2PRFIN20080120_203716_000000442065_00186_30801_9593.N1	20-JAN-2008 20:37:16	Straylight	43.500	1	9Alp CMa	-1.4400	11000.	87	30801	No
333	GOM_NL__2PRFIN20080120_203948_000000412065_00186_30801_9594.N1	20-JAN-2008 20:39:48	Straylight	41.000	56	53Kap Ori	2.0650	30000.	82	30801	No
334	GOM_NL__2PRFIN20080120_204100_000000392065_00186_30801_9595.N1	20-JAN-2008 20:41:00	Twilight	38.500	125	44lot Ori	2.7700	30000.	77	30801	No
335	GOM_NL__2PRFIN20080120_204217_000000422065_00186_30801_9596.N1	20-JAN-2008 20:42:17	Twilight	41.500	30	46Eps Ori	1.6940	30000.	83	30801	No
336	GOM_NL__2PRFIN20080120_204426_000000522065_00186_30801_9597.N1	20-JAN-2008 20:44:26	Twilight	52.000	14	58Alp Ori	0.87000	3000.0	104	30801	No
337	GOM_NL__2PRFIN20080120_204644_000000382065_00186_30801_9598.N1	20-JAN-2008 20:46:44	Bright	37.500	44	24Gam Gem	1.9280	11000.	75	30801	No

338	GOM_NL__2PRFIN20080120_204829_000000382065_00186_30801_9599.N1	20-JAN-2008 20:48:29	Bright	38.000	151	13Mu Gem	2.8900	3000.0	76	30801	No
339	GOM_NL__2PRFIN20080120_205035_000000372065_00186_30801_9600.N1	20-JAN-2008 20:50:35	Bright	37.000	28	12Bet Tau	1.6500	15200.	74	30801	No
340	GOM_NL__2PRFIN20080120_205240_000000362065_00186_30801_9601.N1	20-JAN-2008 20:52:40	Bright	36.000	107	37The Aur	2.6490	11000.	72	30801	No
341	GOM_NL__2PRFIN20080120_205450_000000352065_00186_30801_9602.N1	20-JAN-2008 20:54:50	Bright	35.000	42	34Bet Aur	1.9000	10200.	70	30801	No
342	GOM_NL__2PRFIN20080120_210723_000000362065_00186_30801_9603.N1	20-JAN-2008 21:07:23	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	30801	No
343	GOM_NL__2PRFIN20080120_211820_000000342065_00186_30801_9604.N1	20-JAN-2008 21:18:20	Bright	33.500	130	23Bet Dra	2.7990	5800.0	67	30801	No
344	GOM_NL__2PRFIN20080120_212135_000000332065_00186_30801_9605.N1	20-JAN-2008 21:21:35	Bright	32.500	5	3Alp Lyr	0.033000	11000.	65	30801	No
345	GOM_NL__2PRFIN20080120_212933_000000342065_00186_30801_9606.N1	20-JAN-2008 21:29:33	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	30801	No
346	GOM_NL__2PRFIN20080120_213140_000000342065_00186_30801_9607.N1	20-JAN-2008 21:31:40	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	30801	No
347	GOM_NL__2PRFIN20080120_213705_000000262065_00186_30801_9608.N1	20-JAN-2008 21:37:05	Twi_and_stray	26.000	98	13Zet Oph	2.5710	30000.	52	30801	No
348	GOM_NL__2PRFIN20080120_214134_000000542065_00186_30801_9609.N1	20-JAN-2008 21:41:34	Twilight	54.000	16	21Alp Sco	1.0200	3000.0	108	30801	No
349	GOM_NL__2PRFIN20080120_214307_000000402065_00186_30801_9610.N1	20-JAN-2008 21:43:07	Twilight	40.000	75	26Eps Sco	2.2910	4250.0	80	30801	No
350	GOM_NL__2PRFIN20080120_214643_000000372065_00186_30801_9611.N1	20-JAN-2008 21:46:43	Dark	37.000	147	Alp Ara	2.8770	26000.	74	30801	No
351	GOM_NL__2PRFIN20080120_214819_000000322065_00186_30801_9612.N1	20-JAN-2008 21:48:19	Dark	32.000	141	Bet Ara	2.8400	4600.0	64	30801	No
352	GOM_NL__2PRFIN20080120_215345_000000422065_00187_30802_9599.N1	20-JAN-2008 21:53:45	Dark	41.500	10	Bet Cen	0.61000	28000.	83	30802	No
353	GOM_NL__2PRFIN20080120_220132_000000402065_00187_30802_9600.N1	20-JAN-2008 22:01:32	Dark	40.000	29	Bet Car	1.6720	10200.	80	30802	No
354	GOM_NL__2PRFIN20080120_220336_000000402065_00187_30802_9601.N1	20-JAN-2008 22:03:36	Dark	39.500	71	lot Car	2.2460	7700.0	79	30802	No
355	GOM_NL__2PRFIN20080120_220526_000000392065_00187_30802_9602.N1	20-JAN-2008 22:05:26	Dark	38.500	46	Del Vel	1.9540	10600.	77	30802	No
356	GOM_NL__2PRFIN20080120_220808_000000492065_00187_30802_9603.N1	20-JAN-2008 22:08:08	Dark	49.000	2	Alp Car	-0.73600	7000.0	98	30802	No
357	GOM_NL__2PRFIN20080120_221147_000000422065_00187_30802_9604.N1	20-JAN-2008 22:11:47	Straylight	41.500	117	Pi Pup	2.7060	3800.0	83	30802	No
358	GOM_NL__2PRFIN20080120_221417_000000422065_00187_30802_9605.N1	20-JAN-2008 22:14:17	Straylight	42.000	23	21Eps CMa	1.5020	26000.	84	30802	No
359	GOM_NL__2PRFIN20080120_221541_000000392065_00187_30802_9606.N1	20-JAN-2008 22:15:41	Straylight	39.000	179	24Omi2CMa	3.0320	24000.	78	30802	No
360	GOM_NL__2PRFIN20080120_221752_000000442065_00187_30802_9607.N1	20-JAN-2008 22:17:52	Straylight	43.500	1	9Alp CMa	-1.4400	11000.	87	30802	No
361	GOM_NL__2PRFIN20080120_222024_000000412065_00187_30802_9608.N1	20-JAN-2008 22:20:24	Straylight	41.000	56	53Kap Ori	2.0650	30000.	82	30802	No
362	GOM_NL__2PRFIN20080120_222136_000000402065_00187_30802_9609.N1	20-JAN-2008 22:21:36	Twi_and_stray	39.500	125	44lot Ori	2.7700	30000.	79	30802	No
363	GOM_NL__2PRFIN20080120_222253_000000432065_00187_30802_9610.N1	20-JAN-2008 22:22:53	Twi_and_stray	42.500	30	46Eps Ori	1.6940	30000.	85	30802	No
364	GOM_NL__2PRFIN20080120_222502_000000462065_00187_30802_9611.N1	20-JAN-2008 22:25:02	Twi_and_stray	46.000	14	58Alp Ori	0.87000	3000.0	92	30802	No
365	GOM_NL__2PRFIN20080120_222720_000000472065_00187_30802_9612.N1	20-JAN-2008 22:27:20	Bright	47.000	44	24Gam Gem	1.9280	11000.	94	30802	No
366	GOM_NL__2PRFIN20080120_222904_000000402065_00187_30802_9613.N1	20-JAN-2008 22:29:04	Bright	39.500	151	13Mu Gem	2.8900	3000.0	79	30802	No
367	GOM_NL__2PRFIN20080120_223111_000000372065_00187_30802_9614.N1	20-JAN-2008 22:31:11	Bright	37.000	28	12Bet Tau	1.6500	15200.	74	30802	No
368	GOM_NL__2PRFIN20080120_223316_000000362065_00187_30802_9615.N1	20-JAN-2008 22:33:16	Bright	35.500	107	37The Aur	2.6490	11000.	71	30802	No
369	GOM_NL__2PRFIN20080120_223526_000000372065_00187_30802_9616.N1	20-JAN-2008 22:35:26	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	30802	No
370	GOM_NL__2PRFIN20080120_224759_000000362065_00187_30802_9617.N1	20-JAN-2008 22:47:59	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	30802	No
371	GOM_NL__2PRFIN20080120_225856_000000362065_00187_30802_9618.N1	20-JAN-2008 22:58:56	Bright	36.000	130	23Bet Dra	2.7990	5800.0	72	30802	No
372	GOM_NL__2PRFIN20080120_230211_000000342065_00187_30802_9619.N1	20-JAN-2008 23:02:11	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	30802	No
373	GOM_NL__2PRFIN20080120_231009_000000342065_00187_30802_9620.N1	20-JAN-2008 23:10:09	Bright	33.500	59	55Alp Oph	2.0800	8900.0	67	30802	No
374	GOM_NL__2PRFIN20080120_231216_000000342065_00187_30802_9621.N1	20-JAN-2008 23:12:16	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	30802	No
375	GOM_NL__2PRFIN20080120_231821_000000472065_00187_30802_9622.N1	20-JAN-2008 23:18:21	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	30802	No
376	GOM_NL__2PRFIN20080120_232210_000000492065_00187_30802_9623.N1	20-JAN-2008 23:22:10	Twilight	49.000	16	21Alp Sco	1.0200	3000.0	98	30802	No
377	GOM_NL__2PRFIN20080120_232344_000000402065_00187_30802_9624.N1	20-JAN-2008 23:23:44	Twilight	39.500	75	26Eps Sco	2.2910	4250.0	79	30802	No
378	GOM_NL__2PRFIN20080120_232855_000000402065_00187_30802_9625.N1	20-JAN-2008 23:28:55	Dark	40.000	141	Bet Ara	2.8400	4600.0	80	30802	No
379	GOM_NL__2PRFIN20080120_233206_000000372065_00188_30803_9612.N1	20-JAN-2008 23:32:06	Dark	36.500	134	Bet TrA	2.8100	6600.0	73	30803	No
380	GOM_NL__2PRFIN20080120_233421_000000392065_00188_30803_9613.N1	20-JAN-2008 23:34:21	Dark	39.000	10	Bet Cen	0.61000	28000.	78	30803	No
381	GOM_NL__2PRFIN20080120_234208_000000412065_00188_30803_9614.N1	20-JAN-2008 23:42:08	Dark	40.500	29	Bet Car	1.6720	10200.	81	30803	No
382	GOM_NL__2PRFIN20080120_234412_000000392065_00188_30803_9615.N1	20-JAN-2008 23:44:12	Dark	38.500	71	lot Car	2.2460	7700.0	77	30803	No
383	GOM_NL__2PRFIN20080120_234602_000000452065_00188_30803_9616.N1	20-JAN-2008 23:46:02	Dark	44.500	46	Del Vel	1.9540	10600.	89	30803	No
384	GOM_NL__2PRFIN20080120_234844_000000442065_00188_30803_9617.N1	20-JAN-2008 23:48:44	Dark	43.500	2	Alp Car	-0.73600	7000.0	87	30803	No
385	GOM_NL__2PRFIN20080120_235223_000000452065_00188_30803_9618.N1	20-JAN-2008 23:52:23	Straylight	44.500	117	Pi Pup	2.7060	3800.0	89	30803	No
386	GOM_NL__2PRFIN20080120_235453_000000432065_00188_30803_9619.N1	20-JAN-2008 23:54:53	Straylight	42.500	23	21Eps CMa	1.5020	26000.	85	30803	No
387	GOM_NL__2PRFIN20080120_235617_000000392065_00188_30803_9620.N1	20-JAN-2008 23:56:17	Straylight	38.500	179	24Omi2CMa	3.0320	24000.	77	30803	No
388	GOM_NL__2PRFIN20080120_235828_000000422065_00188_30803_9621.N1	20-JAN-2008 23:58:28	Straylight	41.500	1	9Alp CMa	-1.4400	11000.	83	30803	No

3. Quality information per product

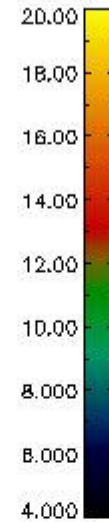
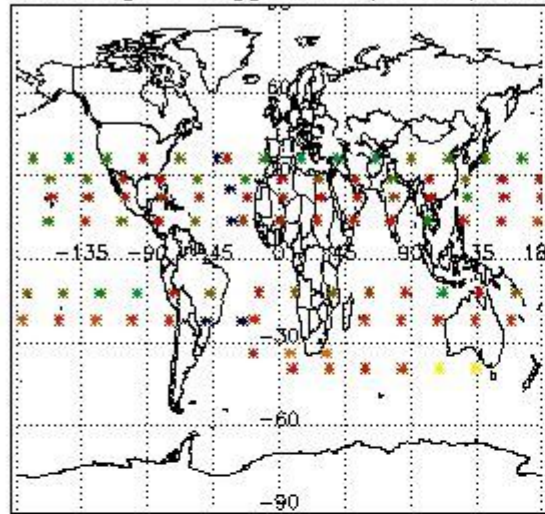
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

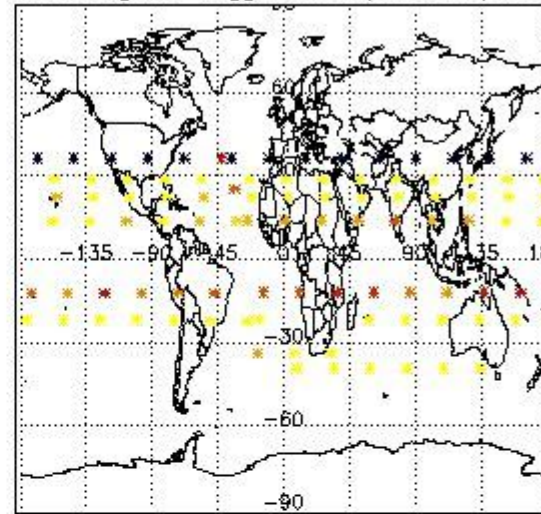


3.2 Plot quality information per product (world map)

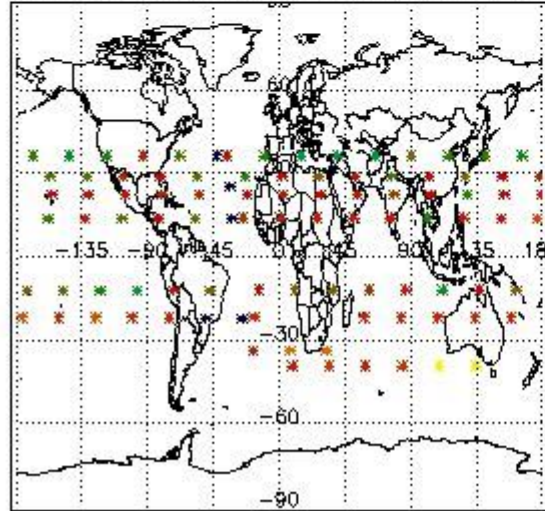
Percentage of flagged data per O3 profile



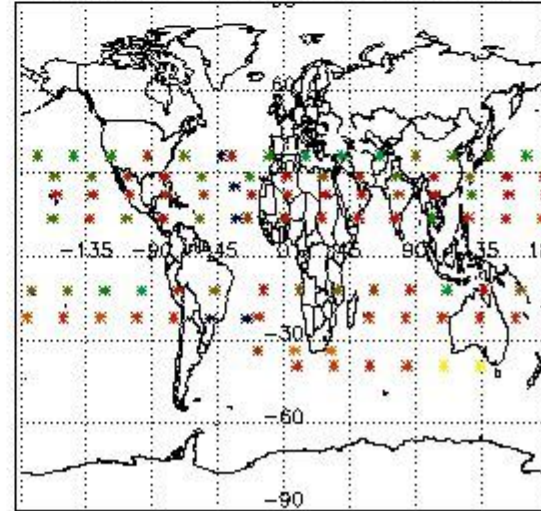
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

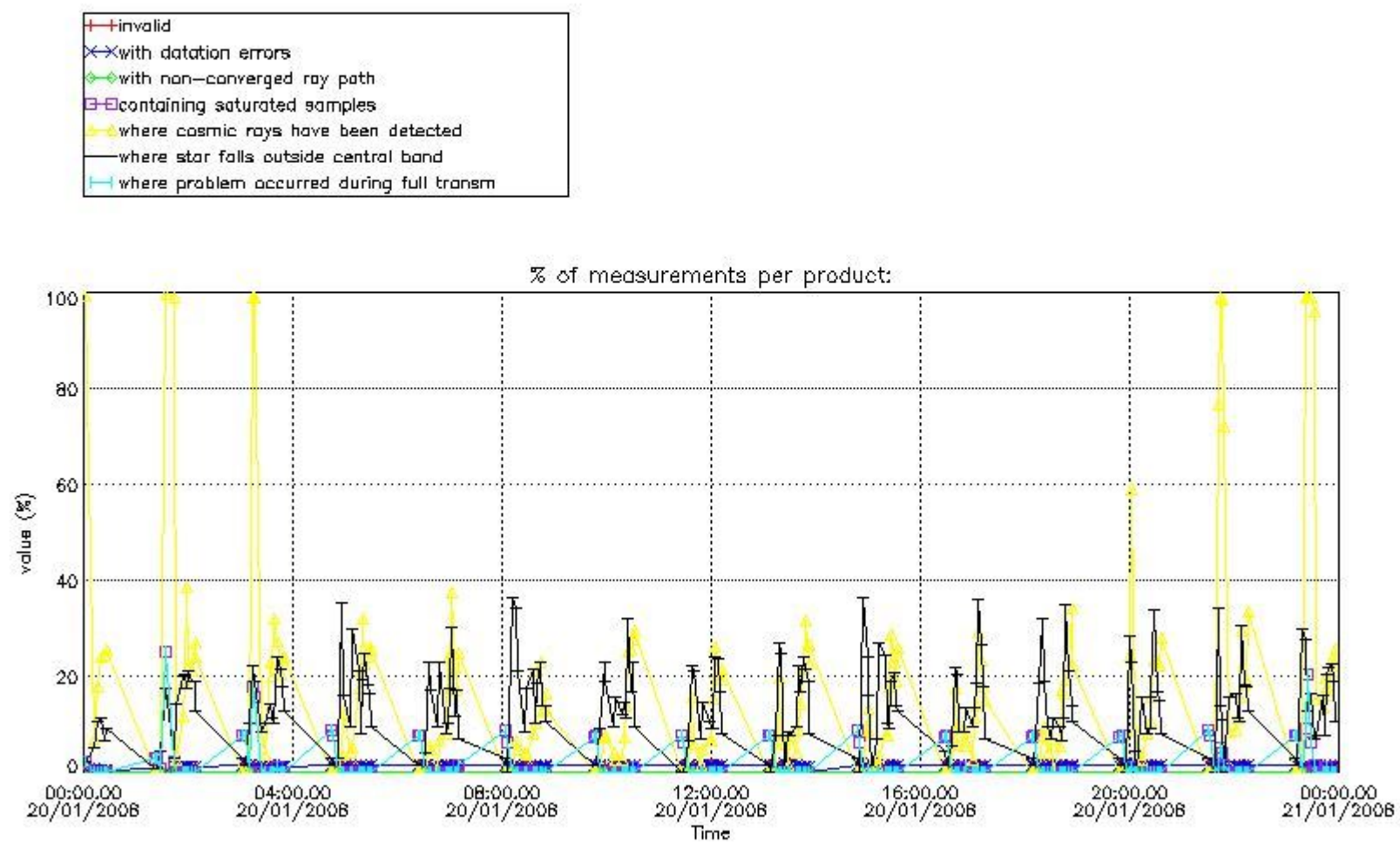


4. Level 1 quality information per product

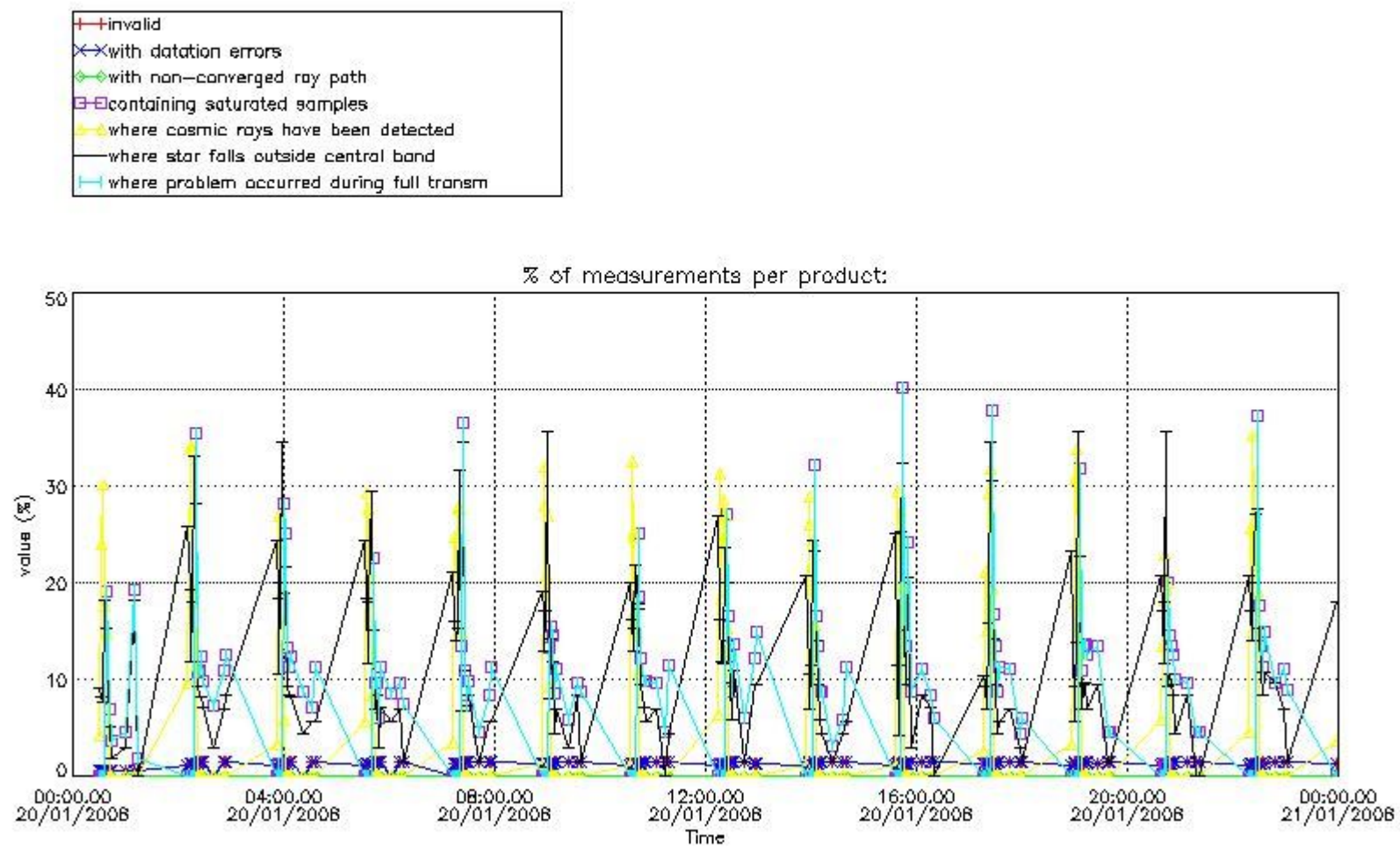
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

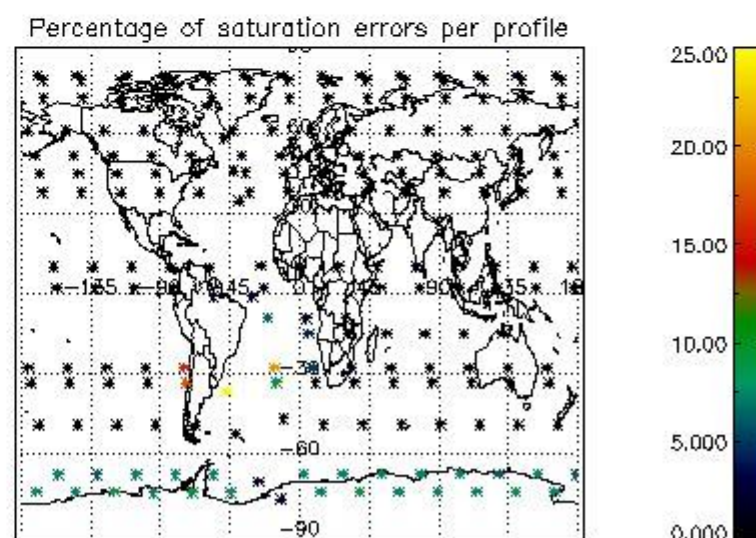
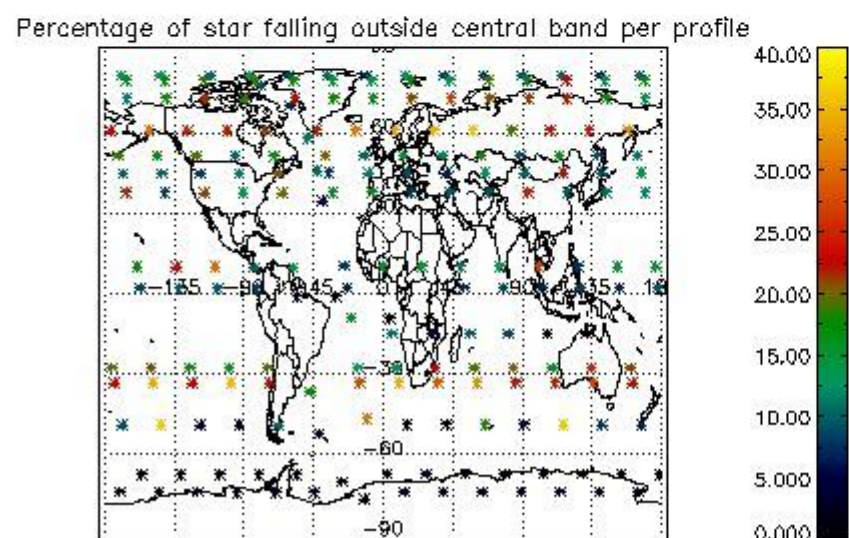
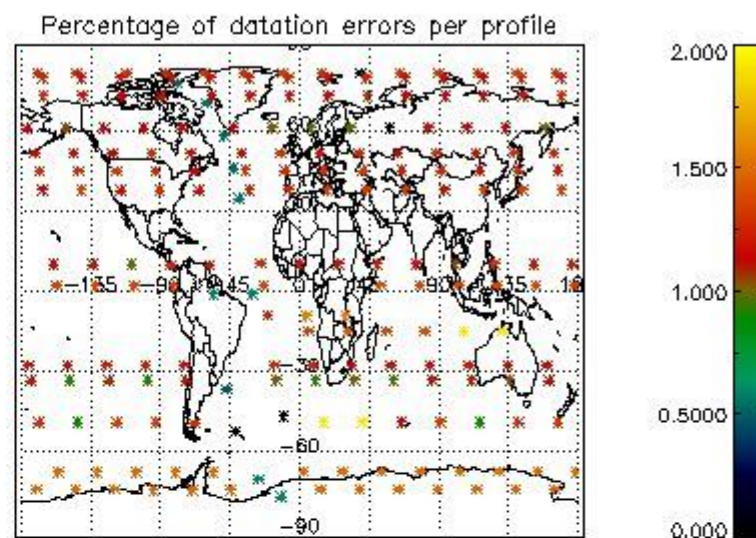
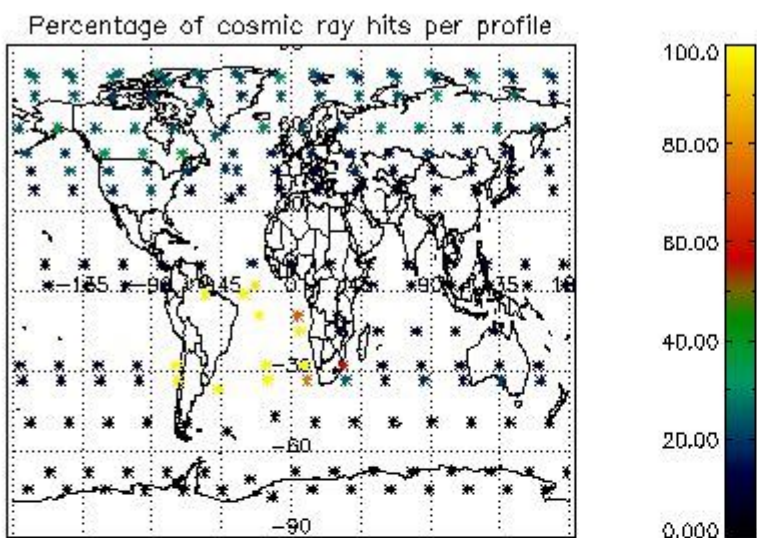


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

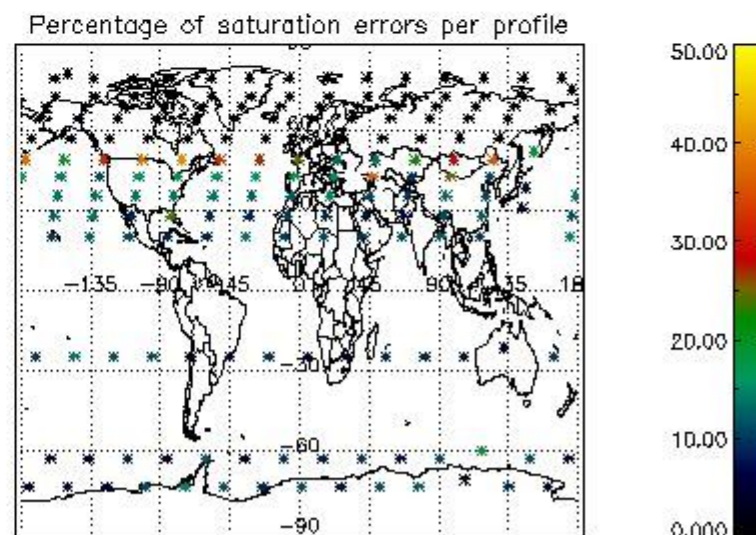
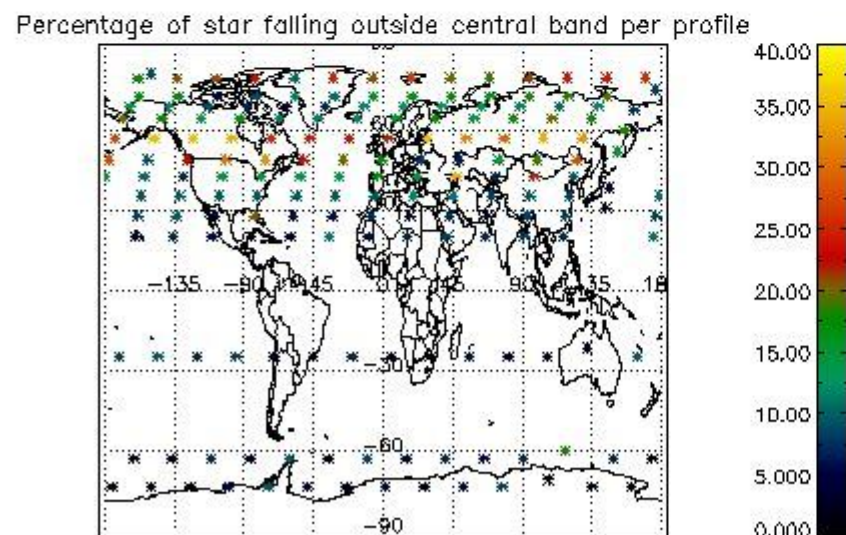
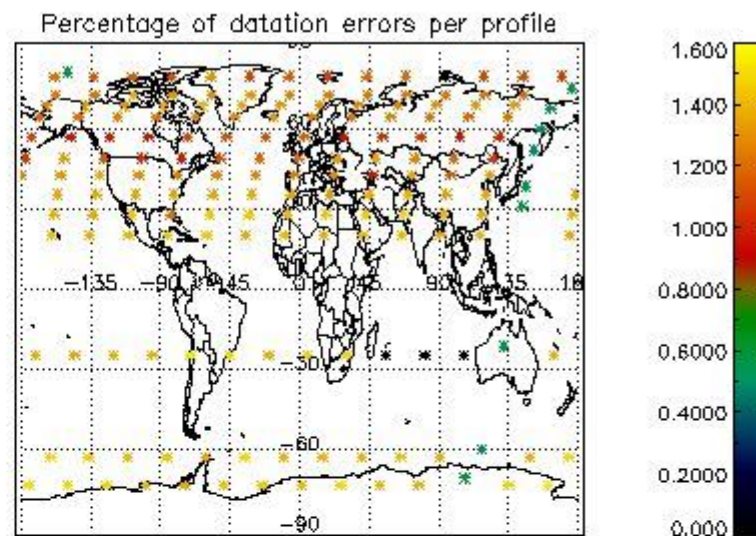
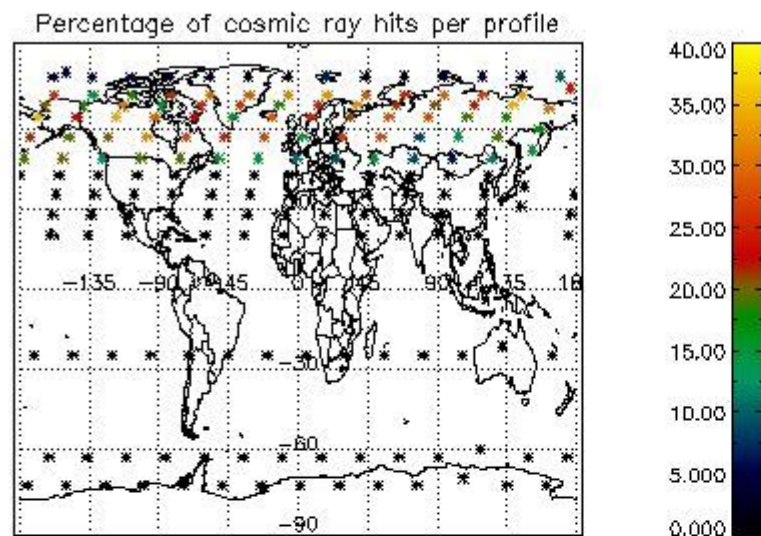


4.2 Plot quality information per product coming from level 1b processing (world map)

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

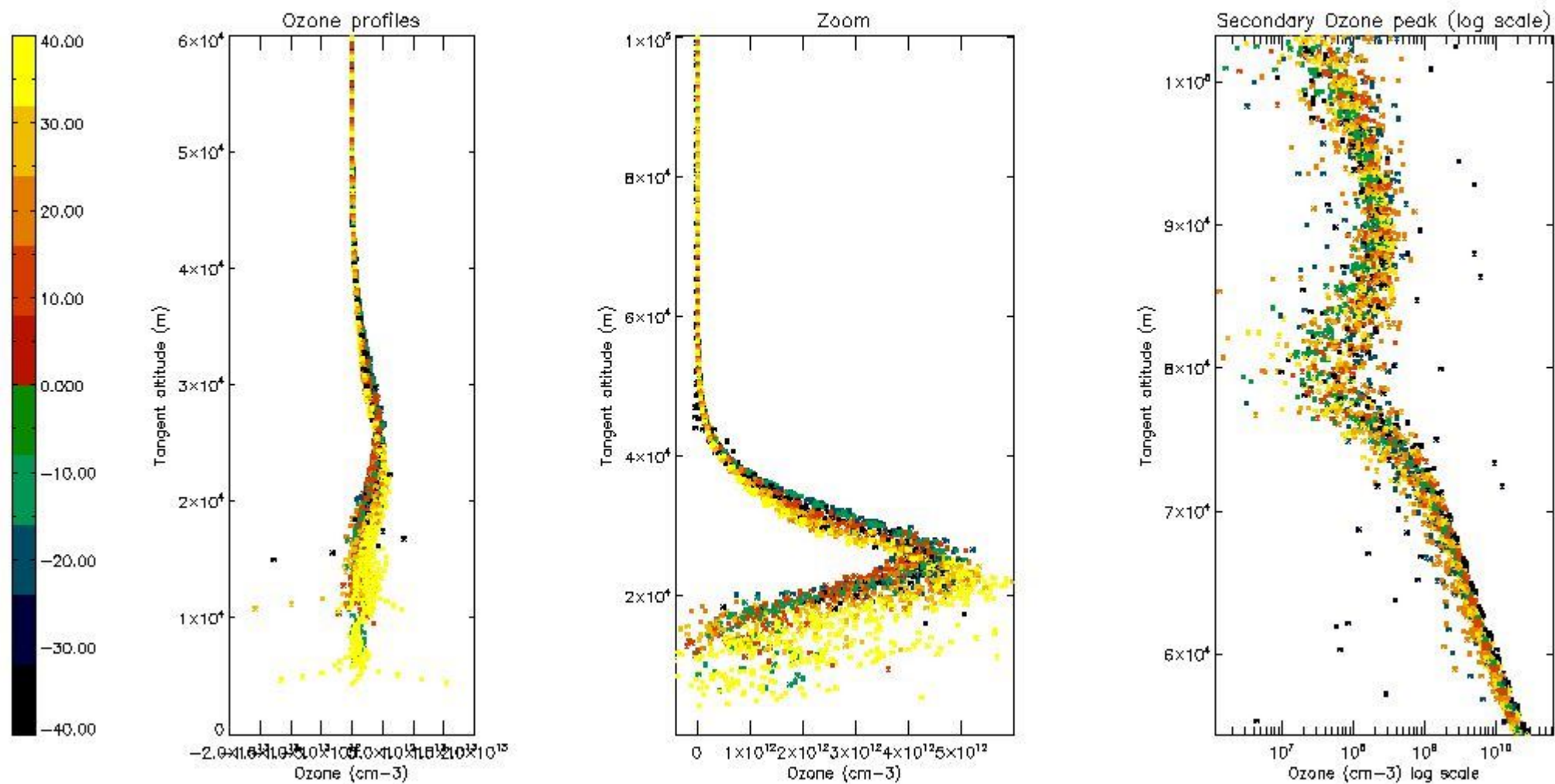
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	25
STD < 20	14

STD < 10	11
STD < 5	7

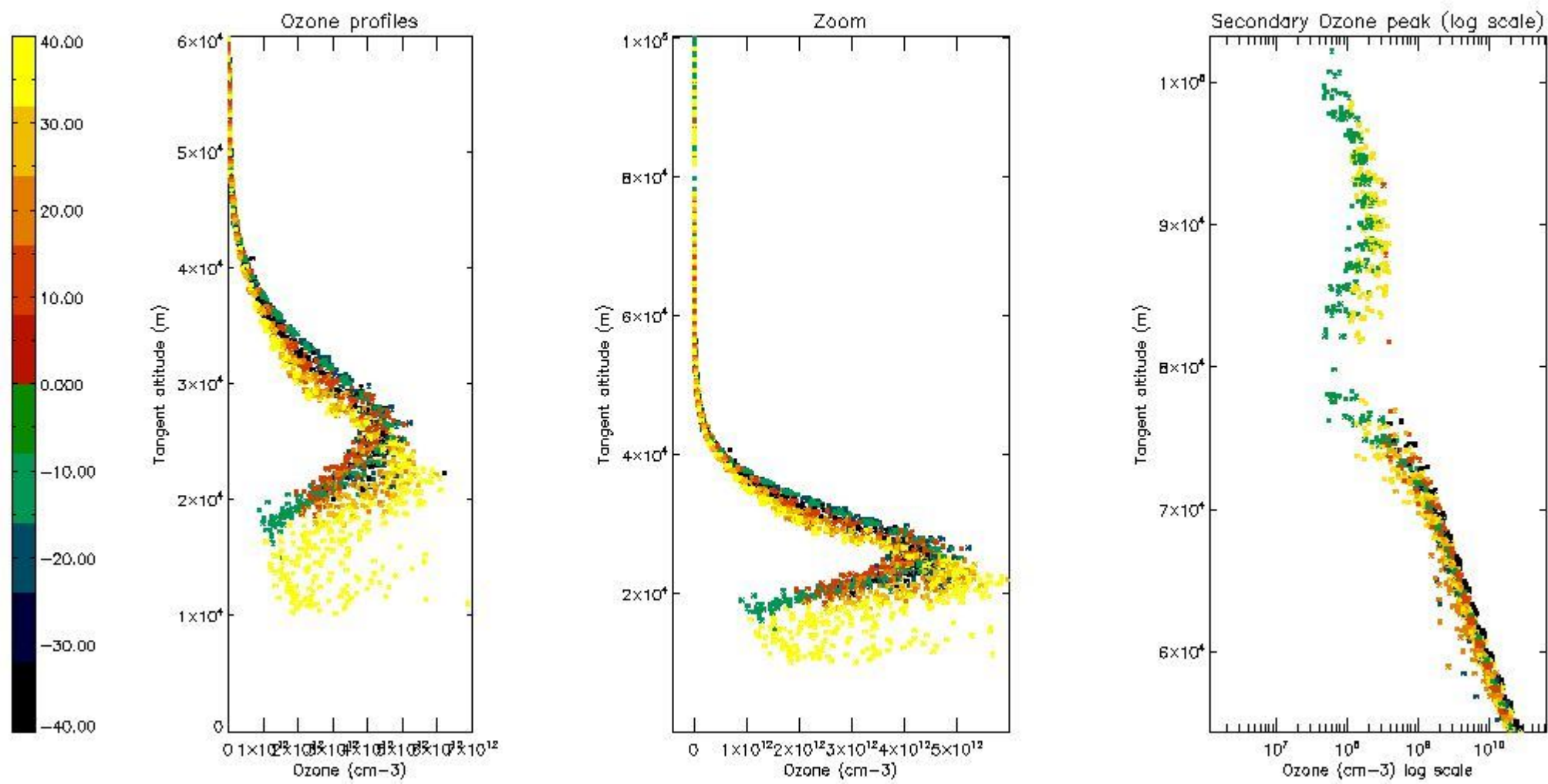
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



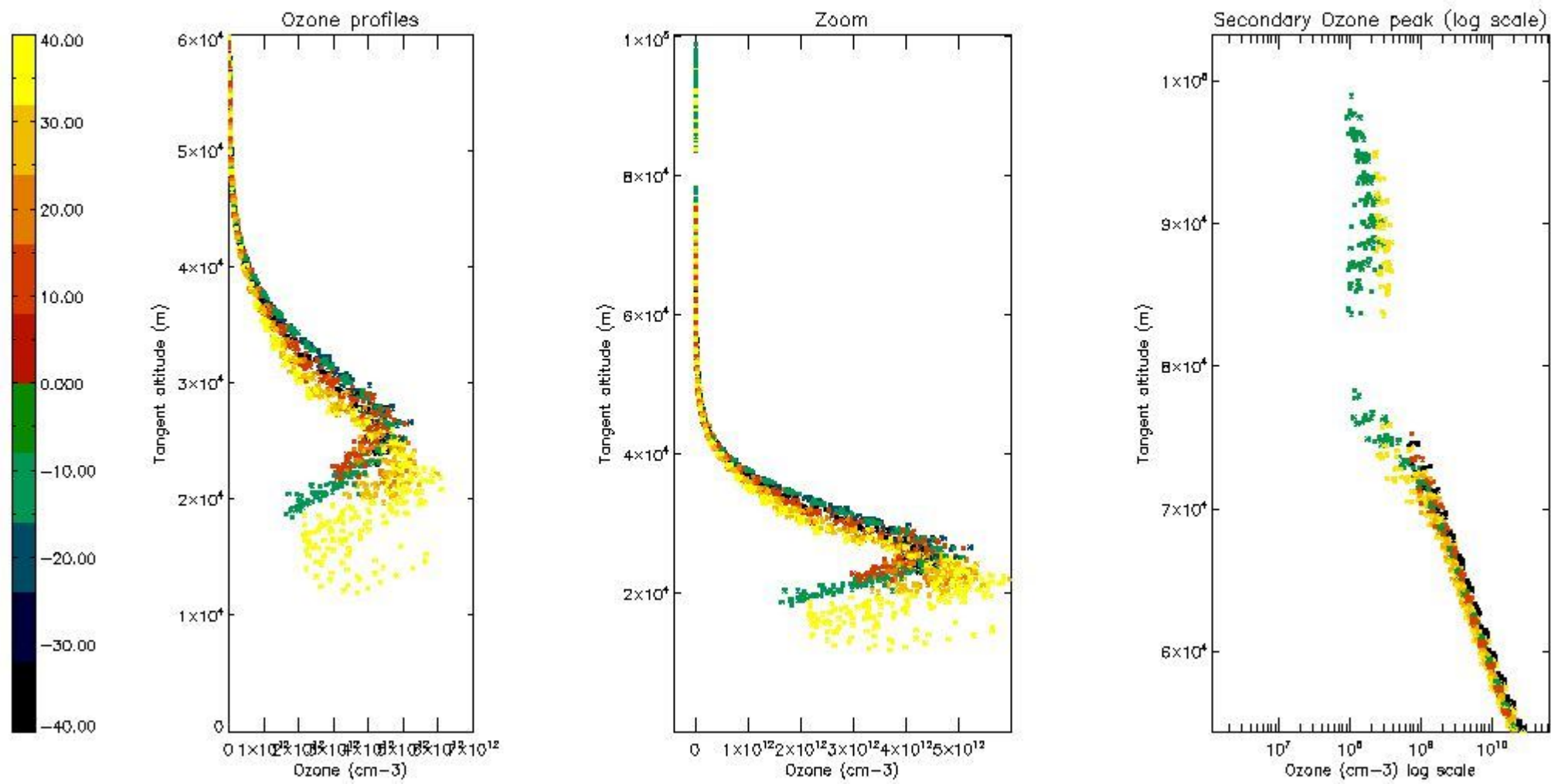
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



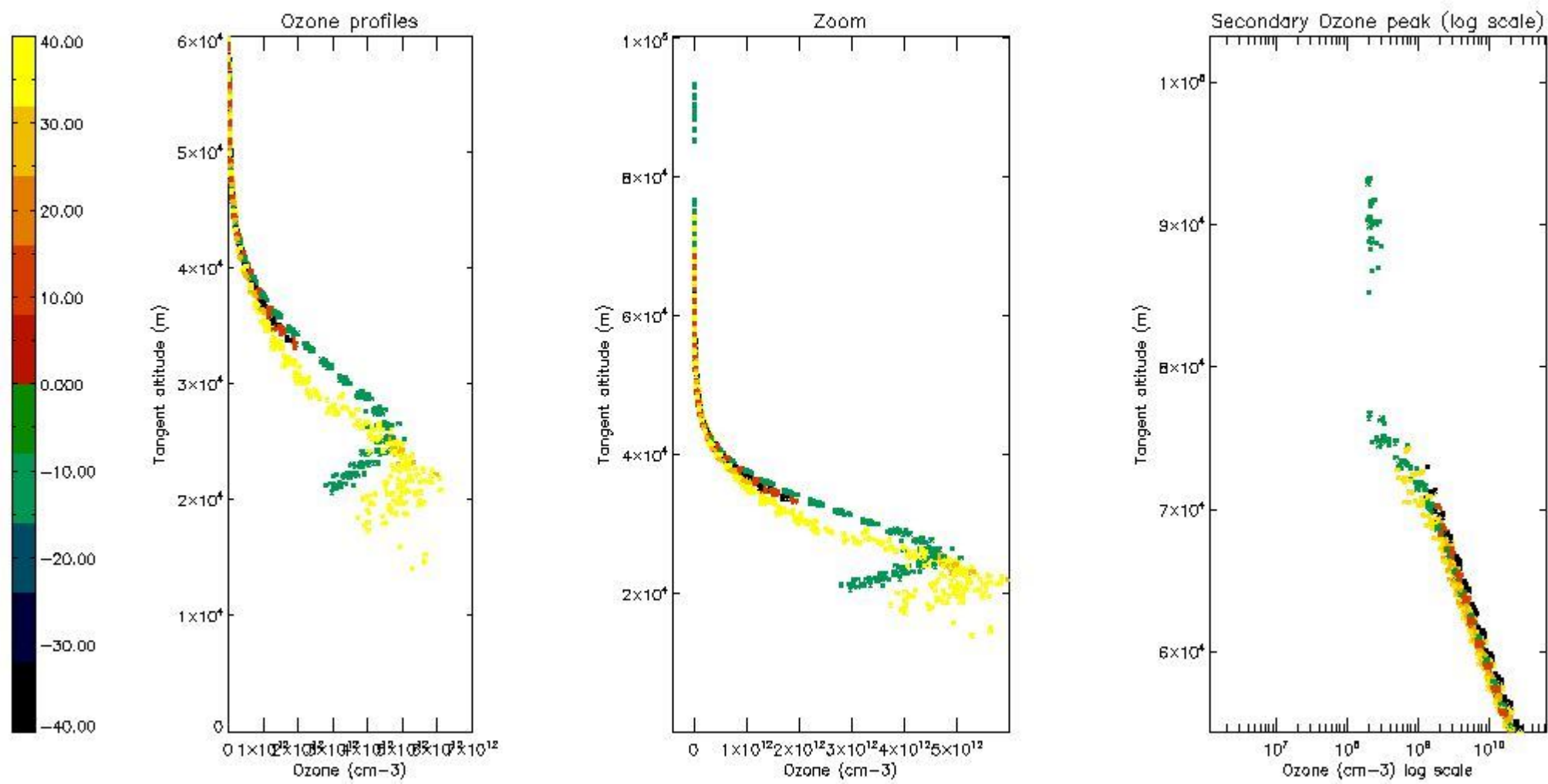
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



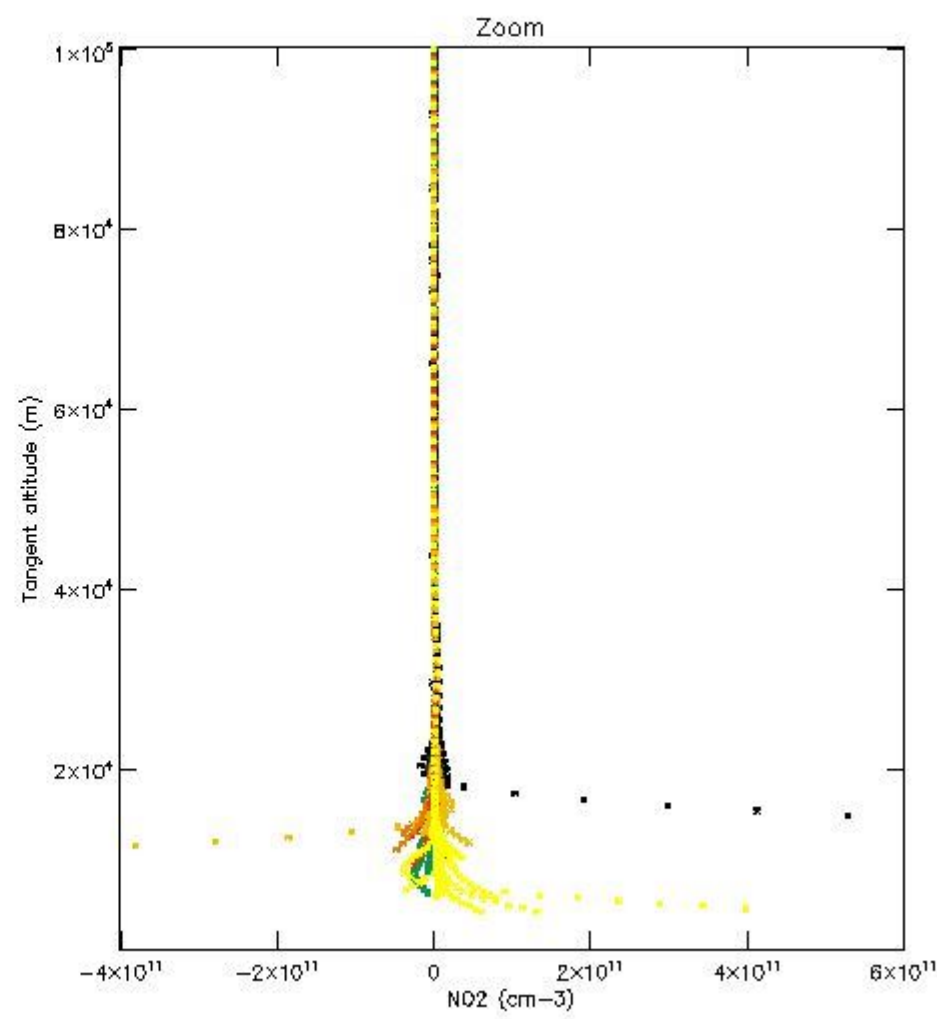
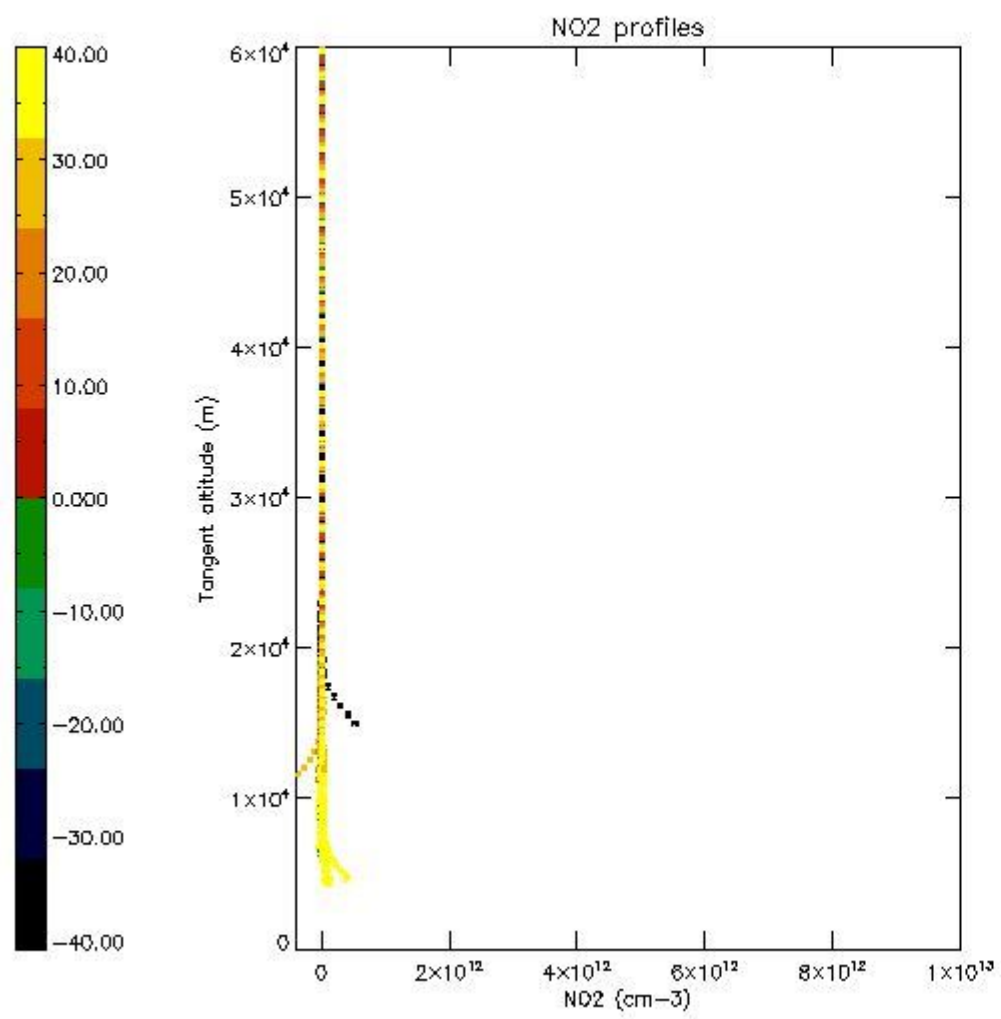
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



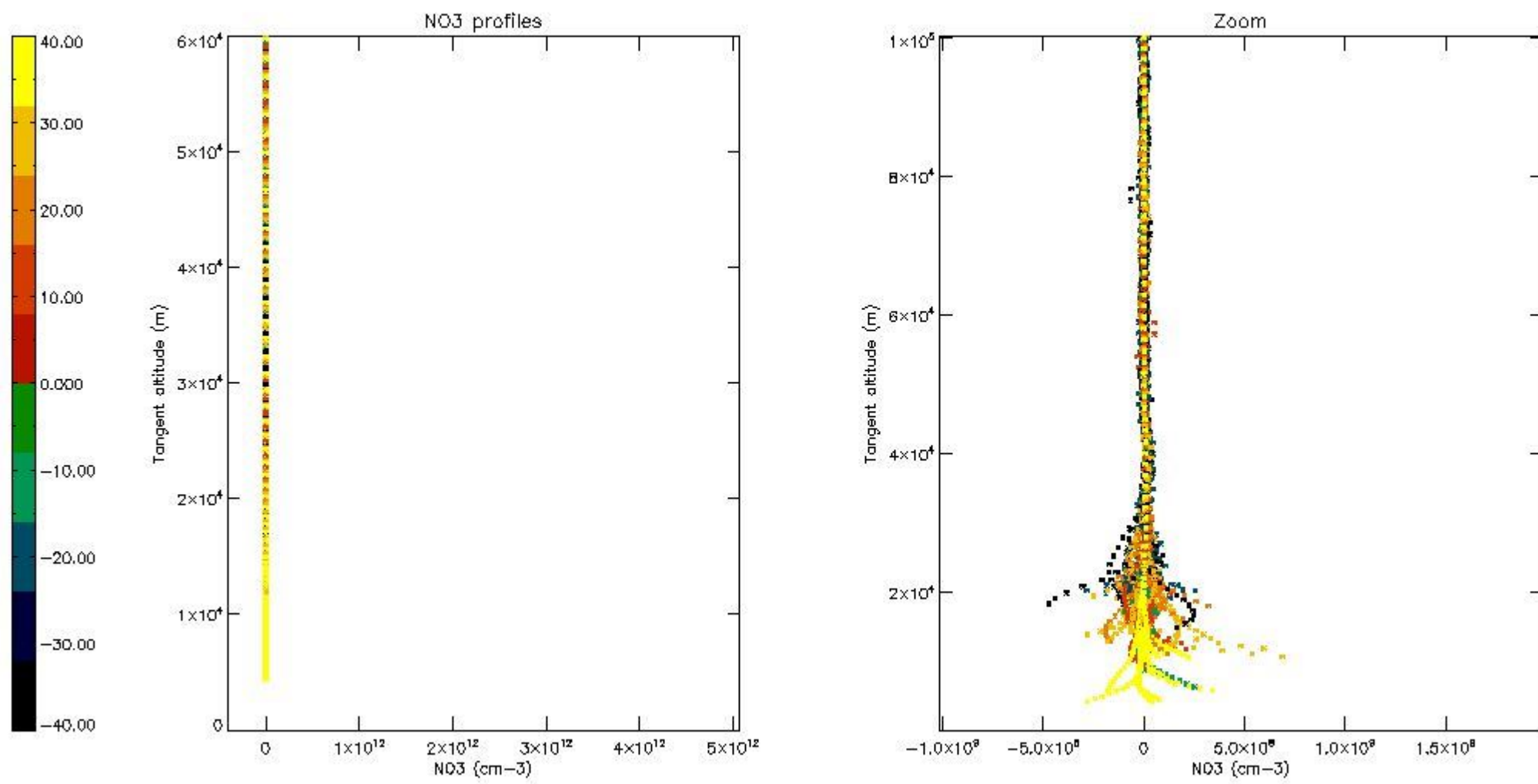
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



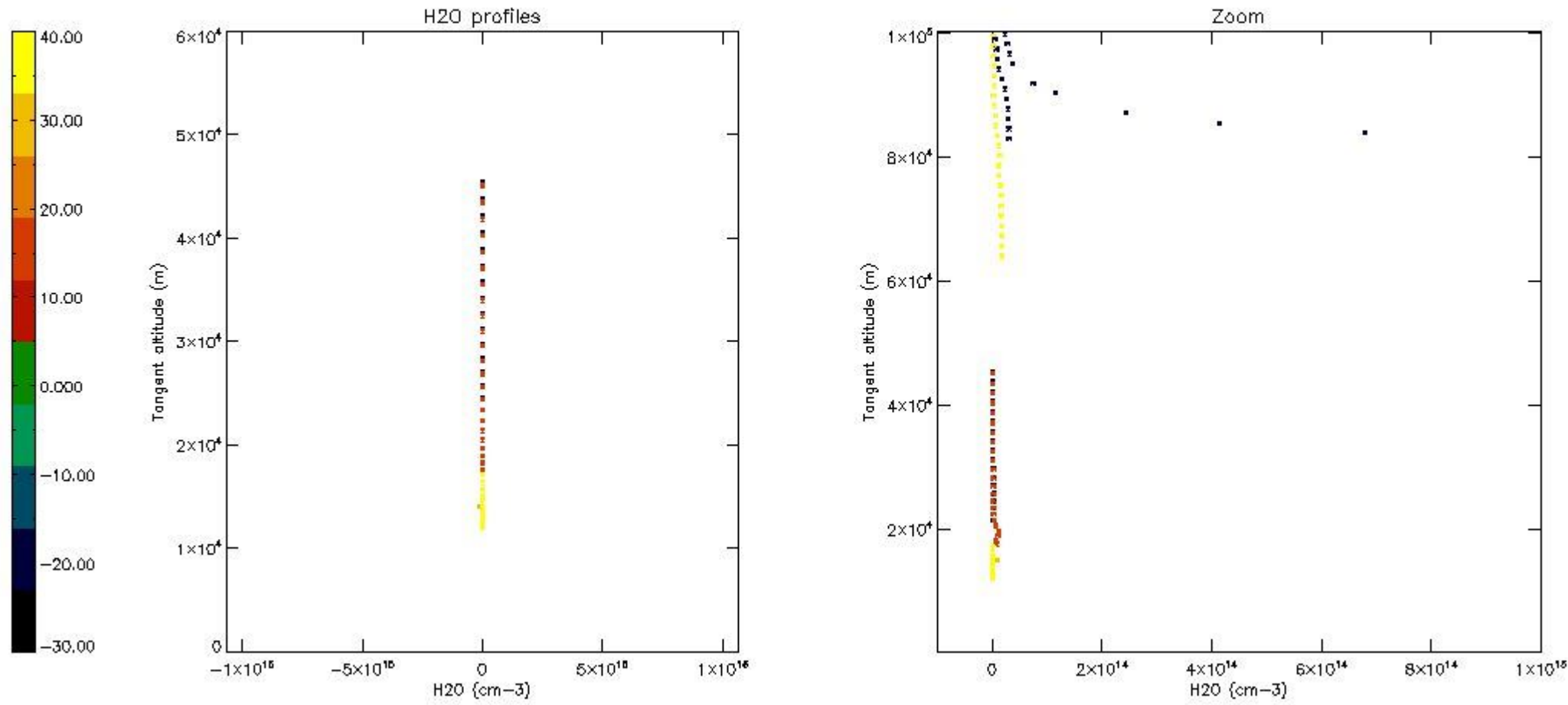
5.7 Plot NO3 profiles for all STD (dark without errors)

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	20-JAN-2008 00:02:50
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	20-JAN-2008 00:02:50
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	20-JAN-2008 00:02:50

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 09:03:16
Data source version	GOMOS/6.01
Start time of products	20-01-2008 (20JAN2008 00:00:00)
Stop time of products	21-01-2008 (21JAN2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	388
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__2PRFIN20080120_000250_000000852065_00173_30788_9385.N1	20-JAN-2008 00:02:50	Dark	85.000	134	Bet TrA	2.8100	6600.0	170	30788	No
2	GOM_NL__2PRFIN20080120_001251_000000892065_00174_30789_9397.N1	20-JAN-2008 00:12:51	Dark	88.500	29	Bet Car	1.6720	10200.	177	30789	No
3	GOM_NL__2PRFIN20080120_001602_000000962065_00174_30789_9398.N1	20-JAN-2008 00:16:02	Dark	95.500	41	Eps Car	1.8600	4100.0	191	30789	No
4	GOM_NL__2PRFIN20080120_001929_000000942065_00174_30789_9399.N1	20-JAN-2008 00:19:29	Dark	94.000	2	Alp Car	-0.73600	7000.0	188	30789	No
5	GOM_NL__2PRFIN20080120_002305_000000932065_00174_30789_9400.N1	20-JAN-2008 00:23:05	Straylight	92.500	117	Pi Pup	2.7060	3800.0	185	30789	No
6	GOM_NL__2PRFIN20080120_002536_000000952065_00174_30789_9401.N1	20-JAN-2008 00:25:36	Straylight	94.500	23	21Eps CMa	1.5020	26000.	189	30789	No
7	GOM_NL__2PRFIN20080120_002912_000000942065_00174_30789_9402.N1	20-JAN-2008 00:29:12	Straylight	94.000	1	9Alp CMa	-1.4400	11000.	188	30789	No
8	GOM_NL__2PRFIN20080120_003144_000000922065_00174_30789_9403.N1	20-JAN-2008 00:31:44	Straylight	92.000	56	53Kap Ori	2.0650	30000.	184	30789	No
9	GOM_NL__2PRFIN20080120_003413_000000912065_00174_30789_9404.N1	20-JAN-2008 00:34:13	Tw_i_and_stray	91.000	30	46Eps Ori	1.6940	30000.	182	30789	No
10	GOM_NL__2PRFIN20080120_003623_000001022065_00174_30789_9405.N1	20-JAN-2008 00:36:23	Tw_i_and_stray	102.00	14	58Alp Ori	0.87000	3000.0	204	30789	No
11	GOM_NL__2PRFIN20080120_003840_000001022065_00174_30789_9406.N1	20-JAN-2008 00:38:40	Bright	102.00	44	24Gam Gem	1.9280	11000.	204	30789	No
12	GOM_NL__2PRFIN20080120_004232_000000872065_00174_30789_9407.N1	20-JAN-2008 00:42:32	Bright	87.000	28	12Bet Tau	1.6500	15200.	174	30789	No
13	GOM_NL__2PRFIN20080120_004438_000000852065_00174_30789_9408.N1	20-JAN-2008 00:44:38	Bright	84.500	107	37The Aur	2.6490	11000.	169	30789	No
14	GOM_NL__2PRFIN20080120_005920_000000882065_00174_30789_9409.N1	20-JAN-2008 00:59:20	Bright	87.500	49	1Alp UMi	1.9900	6300.0	175	30789	No
15	GOM_NL__2PRFIN20080120_011016_000001042065_00174_30789_9410.N1	20-JAN-2008 01:10:16	Bright	104.00	130	23Bet Dra	2.7990	5800.0	208	30789	No
16	GOM_NL__2PRFIN20080120_011331_000000842065_00174_30789_9411.N1	20-JAN-2008 01:13:31	Bright	83.500	5	3Alp Lyr	0.033000	11000.	167	30789	No
17	GOM_NL__2PRFIN20080120_012129_000000842065_00174_30789_9412.N1	20-JAN-2008 01:21:29	Bright	84.000	59	55Alp Oph	2.0800	8900.0	168	30789	No
18	GOM_NL__2PRFIN20080120_012336_000000842065_00174_30789_9413.N1	20-JAN-2008 01:23:36	Bright	83.500	126	60Bet Oph	2.7700	4250.0	167	30789	No
19	GOM_NL__2PRFIN20080120_012856_000000922065_00174_30789_9414.N1	20-JAN-2008 01:28:56	Bright	91.500	98	13Zet Oph	2.5710	30000.	183	30789	No
20	GOM_NL__2PRFIN20080120_013325_000001062065_00174_30789_9415.N1	20-JAN-2008 01:33:25	Tw_i_and_stray	106.00	16	21Alp Sco	1.0200	3000.0	212	30789	No
21	GOM_NL__2PRFIN20080120_014326_000000862065_00174_30789_9416.N1	20-JAN-2008 01:43:26	Dark	85.500	134	Bet TrA	2.8100	6600.0	171	30789	No
22	GOM_NL__2PRFIN20080120_014627_000000422065_00175_30790_9416.N1	20-JAN-2008 01:46:27	Dark	42.000	10	Bet Cen	0.61000	28000.	84	30790	No
23	GOM_NL__2PRFIN20080120_015417_000000432065_00175_30790_9417.N1	20-JAN-2008 01:54:17	Dark	42.500	29	Bet Car	1.6720	10200.	85	30790	No
24	GOM_NL__2PRFIN20080120_015620_000000442065_00175_30790_9418.N1	20-JAN-2008 01:56:20	Dark	44.000	71	lot Car	2.2460	7700.0	88	30790	No
25	GOM_NL__2PRFIN20080120_015810_000000432065_00175_30790_9419.N1	20-JAN-2008 01:58:10	Dark	43.000	46	Del Vel	1.9540	10600.	86	30790	No
26	GOM_NL__2PRFIN20080120_020055_000000432065_00175_30790_9420.N1	20-JAN-2008 02:00:55	Dark	43.000	2	Alp Car	-0.73600	7000.0	86	30790	No
27	GOM_NL__2PRFIN20080120_020433_000000432065_00175_30790_9421.N1	20-JAN-2008 02:04:33	Straylight	42.500	117	Pi Pup	2.7060	3800.0	85	30790	No
28	GOM_NL__2PRFIN20080120_020704_000000432065_00175_30790_9422.N1	20-JAN-2008 02:07:04	Straylight	42.500	23	21Eps CMa	1.5020	26000.	85	30790	No
29	GOM_NL__2PRFIN20080120_020828_000000402065_00175_30790_9423.N1	20-JAN-2008 02:08:28	Straylight	39.500	179	24Omi2CMa	3.0320	24000.	79	30790	No
30	GOM_NL__2PRFIN20080120_021039_000000472065_00175_30790_9424.N1	20-JAN-2008 02:10:39	Straylight	46.500	1	9Alp CMa	-1.4400	11000.	93	30790	No
31	GOM_NL__2PRFIN20080120_021310_000000422065_00175_30790_9425.N1	20-JAN-2008 02:13:10	Straylight	41.500	56	53Kap Ori	2.0650	30000.	83	30790	No
32	GOM_NL__2PRFIN20080120_021422_000000382065_00175_30790_9426.N1	20-JAN-2008 02:14:22	Tw_i_and_stray	38.000	125	44lot Ori	2.7700	30000.	76	30790	No
33	GOM_NL__2PRFIN20080120_021539_000000422065_00175_30790_9427.N1	20-JAN-2008 02:15:39	Tw_i_and_stray	41.500	30	46Eps Ori	1.6940	30000.	83	30790	No
34	GOM_NL__2PRFIN20080120_021749_000000502065_00175_30790_9428.N1	20-JAN-2008 02:17:49	Tw_i_and_stray	50.000	14	58Alp Ori	0.87000	3000.0	100	30790	No
35	GOM_NL__2PRFIN20080120_022008_000000482065_00175_30790_9429.N1	20-JAN-2008 02:20:08	Bright	48.000	44	24Gam Gem	1.9280	11000.	96	30790	No
36	GOM_NL__2PRFIN20080120_022153_000000382065_00175_30790_9430.N1	20-JAN-2008 02:21:53	Bright	37.500	151	13Mu Gem	2.8900	3000.0	75	30790	No
37	GOM_NL__2PRFIN20080120_022357_000000372065_00175_30790_9431.N1	20-JAN-2008 02:23:57	Bright	36.500	28	12Bet Tau	1.6500	15200.	73	30790	No
38	GOM_NL__2PRFIN20080120_022604_000000372065_00175_30790_9432.N1	20-JAN-2008 02:26:04	Bright	36.500	107	37The Aur	2.6490	11000.	73	30790	No
39	GOM_NL__2PRFIN20080120_022814_000000362065_00175_30790_9433.N1	20-JAN-2008 02:28:14	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	30790	No
40	GOM_NL__2PRFIN20080120_024048_000000342065_00175_30790_9434.N1	20-JAN-2008 02:40:48	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	30790	No
41	GOM_NL__2PRFIN20080120_025143_000000372065_00175_30790_9435.N1	20-JAN-2008 02:51:43	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	30790	No
42	GOM_NL__2PRFIN20080120_025458_000000362065_00175_30790_9436.N1	20-JAN-2008 02:54:58	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	30790	No

43	GOM_NL__2PRFIN20080120_030256_000000342065_00175_30790_9437.N1	20-JAN-2008 03:02:56	Bright	33.500	59	55Alp Oph	2.0800	8900.0	67	30790	No
44	GOM_NL__2PRFIN20080120_030502_000000342065_00175_30790_9438.N1	20-JAN-2008 03:05:02	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	30790	No
45	GOM_NL__2PRFIN20080120_031025_000000392065_00175_30790_9439.N1	20-JAN-2008 03:10:25	Bright	39.000	98	13Zet Oph	2.5710	30000.	78	30790	No
46	GOM_NL__2PRFIN20080120_031454_000000452065_00175_30790_9440.N1	20-JAN-2008 03:14:54	Twilight	45.000	16	21Alp Sco	1.0200	3000.0	90	30790	No
47	GOM_NL__2PRFIN20080120_031628_000000422065_00175_30790_9441.N1	20-JAN-2008 03:16:28	Twilight	42.000	75	26Eps Sco	2.2910	4250.0	84	30790	No
48	GOM_NL__2PRFIN20080120_032451_000000372065_00176_30791_9424.N1	20-JAN-2008 03:24:51	Dark	36.500	134	Bet TrA	2.8100	6600.0	73	30791	No
49	GOM_NL__2PRFIN20080120_032704_000000402065_00176_30791_9425.N1	20-JAN-2008 03:27:04	Dark	39.500	10	Bet Cen	0.61000	28000.	79	30791	No
50	GOM_NL__2PRFIN20080120_033453_000000392065_00176_30791_9426.N1	20-JAN-2008 03:34:53	Dark	39.000	29	Bet Car	1.6720	10200.	78	30791	No
51	GOM_NL__2PRFIN20080120_033656_000000402065_00176_30791_9427.N1	20-JAN-2008 03:36:56	Dark	40.000	71	lot Car	2.2460	7700.0	80	30791	No
52	GOM_NL__2PRFIN20080120_033847_000000392065_00176_30791_9428.N1	20-JAN-2008 03:38:47	Dark	39.000	46	Del Vel	1.9540	10600.	78	30791	No
53	GOM_NL__2PRFIN20080120_034131_000000442065_00176_30791_9429.N1	20-JAN-2008 03:41:31	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	30791	No
54	GOM_NL__2PRFIN20080120_034509_000000442065_00176_30791_9430.N1	20-JAN-2008 03:45:09	Straylight	44.000	117	Pi Pup	2.7060	3800.0	88	30791	No
55	GOM_NL__2PRFIN20080120_034740_000000422065_00176_30791_9431.N1	20-JAN-2008 03:47:40	Straylight	42.000	23	21Eps CMa	1.5020	26000.	84	30791	No
56	GOM_NL__2PRFIN20080120_034904_000000402065_00176_30791_9432.N1	20-JAN-2008 03:49:04	Straylight	39.500	179	24Omi2CMa	3.0320	24000.	79	30791	No
57	GOM_NL__2PRFIN20080120_035115_000000452065_00176_30791_9433.N1	20-JAN-2008 03:51:15	Straylight	45.000	1	9Alp CMa	-1.4400	11000.	90	30791	No
58	GOM_NL__2PRFIN20080120_035347_000000412065_00176_30791_9434.N1	20-JAN-2008 03:53:47	Straylight	41.000	56	53Kap Ori	2.0650	30000.	82	30791	No
59	GOM_NL__2PRFIN20080120_035458_000000382065_00176_30791_9435.N1	20-JAN-2008 03:54:58	Tw_i_and_stray	38.000	125	44lot Ori	2.7700	30000.	76	30791	No
60	GOM_NL__2PRFIN20080120_035615_000000432065_00176_30791_9436.N1	20-JAN-2008 03:56:15	Tw_i_and_stray	42.500	30	46Eps Ori	1.6940	30000.	85	30791	No
61	GOM_NL__2PRFIN20080120_035825_000000522065_00176_30791_9437.N1	20-JAN-2008 03:58:25	Tw_i_and_stray	52.000	14	58Alp Ori	0.87000	3000.0	104	30791	No
62	GOM_NL__2PRFIN20080120_040044_000000432065_00176_30791_9438.N1	20-JAN-2008 04:00:44	Bright	42.500	44	24Gam Gem	1.9280	11000.	85	30791	No
63	GOM_NL__2PRFIN20080120_040229_000000442065_00176_30791_9439.N1	20-JAN-2008 04:02:29	Bright	44.000	151	13Mu Gem	2.8900	3000.0	88	30791	No
64	GOM_NL__2PRFIN20080120_040433_000000382065_00176_30791_9440.N1	20-JAN-2008 04:04:33	Bright	37.500	28	12Bet Tau	1.6500	15200.	75	30791	No
65	GOM_NL__2PRFIN20080120_040640_000000362065_00176_30791_9441.N1	20-JAN-2008 04:06:40	Bright	35.500	107	37The Aur	2.6490	11000.	71	30791	No
66	GOM_NL__2PRFIN20080120_040850_000000372065_00176_30791_9442.N1	20-JAN-2008 04:08:50	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	30791	No
67	GOM_NL__2PRFIN20080120_042124_000000352065_00176_30791_9443.N1	20-JAN-2008 04:21:24	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	30791	No
68	GOM_NL__2PRFIN20080120_043220_000000352065_00176_30791_9444.N1	20-JAN-2008 04:32:20	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	30791	No
69	GOM_NL__2PRFIN20080120_043534_000000362065_00176_30791_9445.N1	20-JAN-2008 04:35:34	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	30791	No
70	GOM_NL__2PRFIN20080120_044332_000000342065_00176_30791_9446.N1	20-JAN-2008 04:43:32	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	30791	No
71	GOM_NL__2PRFIN20080120_044538_000000342065_00176_30791_9447.N1	20-JAN-2008 04:45:38	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	30791	No
72	GOM_NL__2PRFIN20080120_045101_000000372065_00176_30791_9448.N1	20-JAN-2008 04:51:01	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	30791	No
73	GOM_NL__2PRFIN20080120_045530_000000542065_00176_30791_9449.N1	20-JAN-2008 04:55:30	Twilight	54.000	16	21Alp Sco	1.0200	3000.0	108	30791	No
74	GOM_NL__2PRFIN20080120_045705_000000412065_00176_30791_9450.N1	20-JAN-2008 04:57:05	Twilight	40.500	75	26Eps Sco	2.2910	4250.0	81	30791	No
75	GOM_NL__2PRFIN20080120_050527_000000372065_00177_30792_9444.N1	20-JAN-2008 05:05:27	Dark	36.500	134	Bet TrA	2.8100	6600.0	73	30792	No
76	GOM_NL__2PRFIN20080120_050740_000000512065_00177_30792_9445.N1	20-JAN-2008 05:07:40	Dark	50.500	10	Bet Cen	0.61000	28000.	101	30792	No
77	GOM_NL__2PRFIN20080120_051529_000000432065_00177_30792_9446.N1	20-JAN-2008 05:15:29	Dark	43.000	29	Bet Car	1.6720	10200.	86	30792	No
78	GOM_NL__2PRFIN20080120_051732_000000382065_00177_30792_9447.N1	20-JAN-2008 05:17:32	Dark	38.000	71	lot Car	2.2460	7700.0	76	30792	No
79	GOM_NL__2PRFIN20080120_051923_000000442065_00177_30792_9448.N1	20-JAN-2008 05:19:23	Dark	44.000	46	Del Vel	1.9540	10600.	88	30792	No
80	GOM_NL__2PRFIN20080120_052208_000000452065_00177_30792_9449.N1	20-JAN-2008 05:22:08	Dark	44.500	2	Alp Car	-0.73600	7000.0	89	30792	No
81	GOM_NL__2PRFIN20080120_052545_000000422065_00177_30792_9450.N1	20-JAN-2008 05:25:45	Straylight	41.500	117	Pi Pup	2.7060	3800.0	83	30792	No
82	GOM_NL__2PRFIN20080120_052816_000000402065_00177_30792_9451.N1	20-JAN-2008 05:28:16	Straylight	40.000	23	21Eps CMa	1.5020	26000.	80	30792	No
83	GOM_NL__2PRFIN20080120_052940_000000382065_00177_30792_9452.N1	20-JAN-2008 05:29:40	Straylight	37.500	179	24Omi2CMa	3.0320	24000.	75	30792	No
84	GOM_NL__2PRFIN20080120_053151_000000452065_00177_30792_9453.N1	20-JAN-2008 05:31:51	Straylight	45.000	1	9Alp CMa	-1.4400	11000.	90	30792	No
85	GOM_NL__2PRFIN20080120_053423_000000412065_00177_30792_9454.N1	20-JAN-2008 05:34:23	Straylight	41.000	56	53Kap Ori	2.0650	30000.	82	30792	No
86	GOM_NL__2PRFIN20080120_053534_000000392065_00177_30792_9455.N1	20-JAN-2008 05:35:34	Tw_i_and_stray	38.500	125	44lot Ori	2.7700	30000.	77	30792	No
87	GOM_NL__2PRFIN20080120_053652_000000422065_00177_30792_9456.N1	20-JAN-2008 05:36:52	Tw_i_and_stray	41.500	30	46Eps Ori	1.6940	30000.	83	30792	No
88	GOM_NL__2PRFIN20080120_053901_000000482065_00177_30792_9457.N1	20-JAN-2008 05:39:01	Tw_i_and_stray	47.500	14	58Alp Ori	0.87000	3000.0	95	30792	No
89	GOM_NL__2PRFIN20080120_054120_000000402065_00177_30792_9458.N1	20-JAN-2008 05:41:20	Bright	40.000	44	24Gam Gem	1.9280	11000.	80	30792	No
90	GOM_NL__2PRFIN20080120_054305_000000372065_00177_30792_9459.N1	20-JAN-2008 05:43:05	Bright	36.500	151	13Mu Gem	2.8900	3000.0	73	30792	No
91	GOM_NL__2PRFIN20080120_054509_000000362065_00177_30792_9460.N1	20-JAN-2008 05:45:09	Bright	36.000	28	12Bet Tau	1.6500	15200.	72	30792	No
92	GOM_NL__2PRFIN20080120_054716_000000342065_00177_30792_9461.N1	20-JAN-2008 05:47:16	Bright	33.500	107	37The Aur	2.6490	11000.	67	30792	No
93	GOM_NL__2PRFIN20080120_054926_000000362065_00177_30792_9462.N1	20-JAN-2008 05:49:26	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	30792	No
94	GOM_NL__2PRFIN20080120_060200_000000352065_00177_30792_9463.N1	20-JAN-2008 06:02:00	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	30792	No
95	GOM_NL__2PRFIN20080120_061256_000000362065_00177_30792_9464.N1	20-JAN-2008 06:12:56	Bright	36.000	130	23Bet Dra	2.7990	5800.0	72	30792	No
96	GOM_NL__2PRFIN20080120_061610_000000342065_00177_30792_9465.N1	20-JAN-2008 06:16:10	Bright	33.500	5	3Alp Lyr	0.033000	11000.	67	30792	No
97	GOM_NL__2PRFIN20080120_062408_000000342065_00177_30792_9466.N1	20-JAN-2008 06:24:08	Bright	33.500	59	55Alp Oph	2.0800	8900.0	67	30792	No
98	GOM_NL__2PRFIN20080120_062615_000000342065_00177_30792_9467.N1	20-JAN-2008 06:26:15	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	30792	No
99	GOM_NL__2PRFIN20080120_063138_000000372065_00177_30792_9468.N1	20-JAN-2008 06:31:38	Bright	37.000	98	13Zet Oph	2.5710	30000.	74	30792	No
100	GOM_NL__2PRFIN20080120_063607_000000462065_00177_30792_9469.N1	20-JAN-2008 06:36:07	Twilight	46.000	16	21Alp Sco	1.0200	3000.0	92	30792	No
101	GOM_NL__2PRFIN20080120_063741_000000412065_00177_30792_9470.N1	20-JAN-2008 06:37:41	Twilight	41.000	75	26Eps Sco	2.2910	4250.0	82	30792	No

102	GOM_NL__2PRFIN20080120_064604_000000372065_00178_30793_9455.N1	20-JAN-2008 06:46:04	Dark	37.000	134	Bet TrA	2.8100	6600.0	74	30793	No
103	GOM_NL__2PRFIN20080120_064817_000000462065_00178_30793_9456.N1	20-JAN-2008 06:48:17	Dark	45.500	10	Bet Cen	0.61000	28000.	91	30793	No
104	GOM_NL__2PRFIN20080120_065606_000000372065_00178_30793_9457.N1	20-JAN-2008 06:56:06	Dark	37.000	29	Bet Car	1.6720	10200.	74	30793	No
105	GOM_NL__2PRFIN20080120_065809_000000402065_00178_30793_9458.N1	20-JAN-2008 06:58:09	Dark	39.500	71	lot Car	2.2460	7700.0	79	30793	No
106	GOM_NL__2PRFIN20080120_065959_000000432065_00178_30793_9459.N1	20-JAN-2008 06:59:59	Dark	43.000	46	Del Vel	1.9540	10600.	86	30793	No
107	GOM_NL__2PRFIN20080120_070244_000000482065_00178_30793_9460.N1	20-JAN-2008 07:02:44	Dark	48.000	2	Alp Car	-0.73600	7000.0	96	30793	No
108	GOM_NL__2PRFIN20080120_070622_000000392065_00178_30793_9461.N1	20-JAN-2008 07:06:22	Straylight	39.000	117	Pi Pup	2.7060	3800.0	78	30793	No
109	GOM_NL__2PRFIN20080120_070852_000000412065_00178_30793_9462.N1	20-JAN-2008 07:08:52	Straylight	41.000	23	21Eps CMa	1.5020	26000.	82	30793	No
110	GOM_NL__2PRFIN20080120_071016_000000372065_00178_30793_9463.N1	20-JAN-2008 07:10:16	Straylight	36.500	179	24Omi2CMa	3.0320	24000.	73	30793	No
111	GOM_NL__2PRFIN20080120_071227_000000432065_00178_30793_9464.N1	20-JAN-2008 07:12:27	Straylight	42.500	1	9Alp CMa	-1.4400	11000.	85	30793	No
112	GOM_NL__2PRFIN20080120_071459_000000412065_00178_30793_9465.N1	20-JAN-2008 07:14:59	Straylight	40.500	56	53Kap Ori	2.0650	30000.	81	30793	No
113	GOM_NL__2PRFIN20080120_071610_000000402065_00178_30793_9466.N1	20-JAN-2008 07:16:10	Twilight	39.500	125	44lot Ori	2.7700	30000.	79	30793	No
114	GOM_NL__2PRFIN20080120_071728_000000402065_00178_30793_9467.N1	20-JAN-2008 07:17:28	Twilight	39.500	30	46Eps Ori	1.6940	30000.	79	30793	No
115	GOM_NL__2PRFIN20080120_071937_000000492065_00178_30793_9468.N1	20-JAN-2008 07:19:37	Twilight	49.000	14	58Alp Ori	0.87000	3000.0	98	30793	No
116	GOM_NL__2PRFIN20080120_072156_000000372065_00178_30793_9469.N1	20-JAN-2008 07:21:56	Bright	37.000	44	24Gam Gem	1.9280	11000.	74	30793	No
117	GOM_NL__2PRFIN20080120_072341_000000522065_00178_30793_9470.N1	20-JAN-2008 07:23:41	Bright	52.000	151	13Mu Gem	2.8900	3000.0	104	30793	No
118	GOM_NL__2PRFIN20080120_072546_000000372065_00178_30793_9471.N1	20-JAN-2008 07:25:46	Bright	36.500	28	12Bet Tau	1.6500	15200.	73	30793	No
119	GOM_NL__2PRFIN20080120_072752_000000352065_00178_30793_9472.N1	20-JAN-2008 07:27:52	Bright	34.500	107	37The Aur	2.6490	11000.	69	30793	No
120	GOM_NL__2PRFIN20080120_073002_000000362065_00178_30793_9473.N1	20-JAN-2008 07:30:02	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	30793	No
121	GOM_NL__2PRFIN20080120_074236_000000342065_00178_30793_9474.N1	20-JAN-2008 07:42:36	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	30793	No
122	GOM_NL__2PRFIN20080120_075332_000000362065_00178_30793_9475.N1	20-JAN-2008 07:53:32	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	30793	No
123	GOM_NL__2PRFIN20080120_075646_000000362065_00178_30793_9476.N1	20-JAN-2008 07:56:46	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	30793	No
124	GOM_NL__2PRFIN20080120_080444_000000342065_00178_30793_9477.N1	20-JAN-2008 08:04:44	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	30793	No
125	GOM_NL__2PRFIN20080120_080651_000000332065_00178_30793_9478.N1	20-JAN-2008 08:06:51	Bright	33.000	126	60Bet Oph	2.7700	4250.0	66	30793	No
126	GOM_NL__2PRFIN20080120_081214_000000552065_00178_30793_9479.N1	20-JAN-2008 08:12:14	Bright	55.000	98	13Zet Oph	2.5710	30000.	110	30793	No
127	GOM_NL__2PRFIN20080120_081643_000000542065_00178_30793_9480.N1	20-JAN-2008 08:16:43	Twilight	54.000	16	21Alp Sco	1.0200	3000.0	108	30793	No
128	GOM_NL__2PRFIN20080120_081817_000000432065_00178_30793_9481.N1	20-JAN-2008 08:18:17	Twilight	43.000	75	26Eps Sco	2.2910	4250.0	86	30793	No
129	GOM_NL__2PRFIN20080120_082640_000000372065_00179_30794_9467.N1	20-JAN-2008 08:26:40	Dark	36.500	134	Bet TrA	2.8100	6600.0	73	30794	No
130	GOM_NL__2PRFIN20080120_082853_000000432065_00179_30794_9468.N1	20-JAN-2008 08:28:53	Dark	43.000	10	Bet Cen	0.61000	28000.	86	30794	No
131	GOM_NL__2PRFIN20080120_083642_000000442065_00179_30794_9469.N1	20-JAN-2008 08:36:42	Dark	44.000	29	Bet Car	1.6720	10200.	88	30794	No
132	GOM_NL__2PRFIN20080120_083845_000000392065_00179_30794_9470.N1	20-JAN-2008 08:38:45	Dark	39.000	71	lot Car	2.2460	7700.0	78	30794	No
133	GOM_NL__2PRFIN20080120_084036_000000432065_00179_30794_9471.N1	20-JAN-2008 08:40:36	Dark	43.000	46	Del Vel	1.9540	10600.	86	30794	No
134	GOM_NL__2PRFIN20080120_084320_000000442065_00179_30794_9472.N1	20-JAN-2008 08:43:20	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	30794	No
135	GOM_NL__2PRFIN20080120_084658_000000402065_00179_30794_9473.N1	20-JAN-2008 08:46:58	Straylight	39.500	117	Pi Pup	2.7060	3800.0	79	30794	No
136	GOM_NL__2PRFIN20080120_084928_000000402065_00179_30794_9474.N1	20-JAN-2008 08:49:28	Straylight	39.500	23	21Eps CMa	1.5020	26000.	79	30794	No
137	GOM_NL__2PRFIN20080120_085052_000000382065_00179_30794_9475.N1	20-JAN-2008 08:50:52	Straylight	38.000	179	24Omi2CMa	3.0320	24000.	76	30794	No
138	GOM_NL__2PRFIN20080120_085304_000000422065_00179_30794_9476.N1	20-JAN-2008 08:53:04	Straylight	42.000	1	9Alp CMa	-1.4400	11000.	84	30794	No
139	GOM_NL__2PRFIN20080120_085535_000000412065_00179_30794_9477.N1	20-JAN-2008 08:55:35	Straylight	41.000	56	53Kap Ori	2.0650	30000.	82	30794	No
140	GOM_NL__2PRFIN20080120_085647_000000392065_00179_30794_9478.N1	20-JAN-2008 08:56:47	Twilight	39.000	125	44lot Ori	2.7700	30000.	78	30794	No
141	GOM_NL__2PRFIN20080120_085804_000000412065_00179_30794_9479.N1	20-JAN-2008 08:58:04	Twilight	41.000	30	46Eps Ori	1.6940	30000.	82	30794	No
142	GOM_NL__2PRFIN20080120_090013_000000522065_00179_30794_9480.N1	20-JAN-2008 09:00:13	Twilight	52.000	14	58Alp Ori	0.87000	3000.0	104	30794	No
143	GOM_NL__2PRFIN20080120_090232_000000382065_00179_30794_9481.N1	20-JAN-2008 09:02:32	Bright	37.500	44	24Gam Gem	1.9280	11000.	75	30794	No
144	GOM_NL__2PRFIN20080120_090417_000000392065_00179_30794_9482.N1	20-JAN-2008 09:04:17	Bright	39.000	151	13Mu Gem	2.8900	3000.0	78	30794	No
145	GOM_NL__2PRFIN20080120_090622_000000382065_00179_30794_9483.N1	20-JAN-2008 09:06:22	Bright	38.000	28	12Bet Tau	1.6500	15200.	76	30794	No
146	GOM_NL__2PRFIN20080120_090828_000000352065_00179_30794_9484.N1	20-JAN-2008 09:08:28	Bright	35.000	107	37The Aur	2.6490	11000.	70	30794	No
147	GOM_NL__2PRFIN20080120_091038_000000362065_00179_30794_9485.N1	20-JAN-2008 09:10:38	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	30794	No
148	GOM_NL__2PRFIN20080120_092312_000000342065_00179_30794_9486.N1	20-JAN-2008 09:23:12	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	30794	No
149	GOM_NL__2PRFIN20080120_093408_000000362065_00179_30794_9487.N1	20-JAN-2008 09:34:08	Bright	36.000	130	23Bet Dra	2.7990	5800.0	72	30794	No
150	GOM_NL__2PRFIN20080120_093722_000000352065_00179_30794_9488.N1	20-JAN-2008 09:37:22	Bright	34.500	5	3Alp Lyr	0.033000	11000.	69	30794	No
151	GOM_NL__2PRFIN20080120_094520_000000342065_00179_30794_9489.N1	20-JAN-2008 09:45:20	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	30794	No
152	GOM_NL__2PRFIN20080120_094727_000000342065_00179_30794_9490.N1	20-JAN-2008 09:47:27	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	30794	No
153	GOM_NL__2PRFIN20080120_095250_000000392065_00179_30794_9491.N1	20-JAN-2008 09:52:50	Bright	38.500	98	13Zet Oph	2.5710	30000.	77	30794	No
154	GOM_NL__2PRFIN20080120_095719_000000462065_00179_30794_9492.N1	20-JAN-2008 09:57:19	Twilight	45.500	16	21Alp Sco	1.0200	3000.0	91	30794	No
155	GOM_NL__2PRFIN20080120_095854_000000422065_00179_30794_9493.N1	20-JAN-2008 09:58:54	Twilight	42.000	75	26Eps Sco	2.2910	4250.0	84	30794	No
156	GOM_NL__2PRFIN20080120_100716_000000372065_00180_30795_9494.N1	20-JAN-2008 10:07:16	Dark	37.000	134	Bet TrA	2.8100	6600.0	74	30795	No
157	GOM_NL__2PRFIN20080120_100930_000000422065_00180_30795_9495.N1	20-JAN-2008 10:09:30	Dark	41.500	10	Bet Cen	0.61000	28000.	83	30795	No
158	GOM_NL__2PRFIN20080120_101718_000000382065_00180_30795_9496.N1	20-JAN-2008 10:17:18	Dark	37.500	29	Bet Car	1.6720	10200.	75	30795	No
159	GOM_NL__2PRFIN20080120_101922_000000412065_00180_30795_9497.N1	20-JAN-2008 10:19:22	Dark	41.000	71	lot Car	2.2460	7700.0	82	30795	No
160	GOM_NL__2PRFIN20080120_102112_000000402065_00180_30795_9498.N1	20-JAN-2008 10:21:12	Dark	40.000	46	Del Vel	1.9540	10600.	80	30795	No

161	GOM_NL__2PRFIN20080120_102356_000000502065_00180_30795_9499.N1	20-JAN-2008 10:23:56	Dark	50.000	2	Alp Car	-0.73600	7000.0	100	30795	No
162	GOM_NL__2PRFIN20080120_102734_000000422065_00180_30795_9500.N1	20-JAN-2008 10:27:34	Straylight	41.500	117	Pi Pup	2.7060	3800.0	83	30795	No
163	GOM_NL__2PRFIN20080120_103004_000000442065_00180_30795_9501.N1	20-JAN-2008 10:30:04	Straylight	43.500	23	21Eps CMa	1.5020	26000.	87	30795	No
164	GOM_NL__2PRFIN20080120_103128_000000382065_00180_30795_9502.N1	20-JAN-2008 10:31:28	Straylight	37.500	179	24Omi2CMa	3.0320	24000.	75	30795	No
165	GOM_NL__2PRFIN20080120_103340_000000432065_00180_30795_9503.N1	20-JAN-2008 10:33:40	Straylight	42.500	1	9Alp CMa	-1.4400	11000.	85	30795	No
166	GOM_NL__2PRFIN20080120_103611_000000402065_00180_30795_9504.N1	20-JAN-2008 10:36:11	Straylight	40.000	56	53Kap Ori	2.0650	30000.	80	30795	No
167	GOM_NL__2PRFIN20080120_103723_000000392065_00180_30795_9505.N1	20-JAN-2008 10:37:23	Twi_and_stray	38.500	125	44lot Ori	2.7700	30000.	77	30795	No
168	GOM_NL__2PRFIN20080120_103840_000000402065_00180_30795_9506.N1	20-JAN-2008 10:38:40	Twi_and_stray	39.500	30	46Eps Ori	1.6940	30000.	79	30795	No
169	GOM_NL__2PRFIN20080120_104049_000000442065_00180_30795_9507.N1	20-JAN-2008 10:40:49	Twi_and_stray	43.500	14	58Alp Ori	0.87000	3000.0	87	30795	No
170	GOM_NL__2PRFIN20080120_104308_000000422065_00180_30795_9508.N1	20-JAN-2008 10:43:08	Bright	42.000	44	24Gam Gem	1.9280	11000.	84	30795	No
171	GOM_NL__2PRFIN20080120_104453_000000412065_00180_30795_9509.N1	20-JAN-2008 10:44:53	Bright	40.500	151	13Mu Gem	2.8900	3000.0	81	30795	No
172	GOM_NL__2PRFIN20080120_104658_000000372065_00180_30795_9510.N1	20-JAN-2008 10:46:58	Bright	37.000	28	12Bet Tau	1.6500	15200.	74	30795	No
173	GOM_NL__2PRFIN20080120_104904_000000362065_00180_30795_9511.N1	20-JAN-2008 10:49:04	Bright	35.500	107	37The Aur	2.6490	11000.	71	30795	No
174	GOM_NL__2PRFIN20080120_105114_000000362065_00180_30795_9512.N1	20-JAN-2008 10:51:14	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	30795	No
175	GOM_NL__2PRFIN20080120_110347_000000362065_00180_30795_9513.N1	20-JAN-2008 11:03:47	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	30795	No
176	GOM_NL__2PRFIN20080120_111443_000000342065_00180_30795_9514.N1	20-JAN-2008 11:14:43	Bright	33.500	130	23Bet Dra	2.7990	5800.0	67	30795	No
177	GOM_NL__2PRFIN20080120_111758_000000352065_00180_30795_9515.N1	20-JAN-2008 11:17:58	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	30795	No
178	GOM_NL__2PRFIN20080120_112556_000000342065_00180_30795_9516.N1	20-JAN-2008 11:25:56	Bright	33.500	59	55Alp Oph	2.0800	8900.0	67	30795	No
179	GOM_NL__2PRFIN20080120_112803_000000332065_00180_30795_9517.N1	20-JAN-2008 11:28:03	Bright	33.000	126	60Bet Oph	2.7700	4250.0	66	30795	No
180	GOM_NL__2PRFIN20080120_113327_000000382065_00180_30795_9518.N1	20-JAN-2008 11:33:27	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	30795	No
181	GOM_NL__2PRFIN20080120_113756_000000452065_00180_30795_9519.N1	20-JAN-2008 11:37:56	Twilight	45.000	16	21Alp Sco	1.0200	3000.0	90	30795	No
182	GOM_NL__2PRFIN20080120_113930_000000432065_00180_30795_9520.N1	20-JAN-2008 11:39:30	Twilight	43.000	75	26Eps Sco	2.2910	4250.0	86	30795	No
183	GOM_NL__2PRFIN20080120_114752_000000372065_00181_30796_9531.N1	20-JAN-2008 11:47:52	Dark	36.500	134	Bet TrA	2.8100	6600.0	73	30796	No
184	GOM_NL__2PRFIN20080120_115006_000000422065_00181_30796_9532.N1	20-JAN-2008 11:50:06	Dark	41.500	10	Bet Cen	0.61000	28000.	83	30796	No
185	GOM_NL__2PRFIN20080120_115754_000000382065_00181_30796_9533.N1	20-JAN-2008 11:57:54	Dark	37.500	29	Bet Car	1.6720	10200.	75	30796	No
186	GOM_NL__2PRFIN20080120_115958_000000392065_00181_30796_9534.N1	20-JAN-2008 11:59:58	Dark	38.500	71	lot Car	2.2460	7700.0	77	30796	No
187	GOM_NL__2PRFIN20080120_120148_000000392065_00181_30796_9535.N1	20-JAN-2008 12:01:48	Dark	39.000	46	Del Vel	1.9540	10600.	78	30796	No
188	GOM_NL__2PRFIN20080120_120432_000000442065_00181_30796_9536.N1	20-JAN-2008 12:04:32	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	30796	No
189	GOM_NL__2PRFIN20080120_120810_000000452065_00181_30796_9537.N1	20-JAN-2008 12:08:10	Straylight	44.500	117	Pi Pup	2.7060	3800.0	89	30796	No
190	GOM_NL__2PRFIN20080120_121040_000000422065_00181_30796_9538.N1	20-JAN-2008 12:10:40	Straylight	41.500	23	21Eps CMa	1.5020	26000.	83	30796	No
191	GOM_NL__2PRFIN20080120_121205_000000382065_00181_30796_9539.N1	20-JAN-2008 12:12:05	Straylight	37.500	179	24Omi2CMa	3.0320	24000.	75	30796	No
192	GOM_NL__2PRFIN20080120_121416_000000472065_00181_30796_9540.N1	20-JAN-2008 12:14:16	Straylight	46.500	1	9Alp CMa	-1.4400	11000.	93	30796	No
193	GOM_NL__2PRFIN20080120_121647_000000402065_00181_30796_9541.N1	20-JAN-2008 12:16:47	Straylight	40.000	56	53Kap Ori	2.0650	30000.	80	30796	No
194	GOM_NL__2PRFIN20080120_121759_000000382065_00181_30796_9542.N1	20-JAN-2008 12:17:59	Twi_and_stray	38.000	125	44lot Ori	2.7700	30000.	76	30796	No
195	GOM_NL__2PRFIN20080120_121916_000000392065_00181_30796_9543.N1	20-JAN-2008 12:19:16	Twi_and_stray	38.500	30	46Eps Ori	1.6940	30000.	77	30796	No
196	GOM_NL__2PRFIN20080120_122125_000000452065_00181_30796_9544.N1	20-JAN-2008 12:21:25	Twi_and_stray	44.500	14	58Alp Ori	0.87000	3000.0	89	30796	No
197	GOM_NL__2PRFIN20080120_122344_000000432065_00181_30796_9545.N1	20-JAN-2008 12:23:44	Bright	42.500	44	24Gam Gem	1.9280	11000.	85	30796	No
198	GOM_NL__2PRFIN20080120_122529_000000402065_00181_30796_9546.N1	20-JAN-2008 12:25:29	Bright	39.500	151	13Mu Gem	2.8900	3000.0	79	30796	No
199	GOM_NL__2PRFIN20080120_122734_000000372065_00181_30796_9547.N1	20-JAN-2008 12:27:34	Bright	36.500	28	12Bet Tau	1.6500	15200.	73	30796	No
200	GOM_NL__2PRFIN20080120_122940_000000352065_00181_30796_9548.N1	20-JAN-2008 12:29:40	Bright	34.500	107	37The Aur	2.6490	11000.	69	30796	No
201	GOM_NL__2PRFIN20080120_123150_000000372065_00181_30796_9549.N1	20-JAN-2008 12:31:50	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	30796	No
202	GOM_NL__2PRFIN20080120_124423_000000342065_00181_30796_9550.N1	20-JAN-2008 12:44:23	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	30796	No
203	GOM_NL__2PRFIN20080120_125520_000000372065_00181_30796_9551.N1	20-JAN-2008 12:55:20	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	30796	No
204	GOM_NL__2PRFIN20080120_125834_000000372065_00181_30796_9552.N1	20-JAN-2008 12:58:34	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	30796	No
205	GOM_NL__2PRFIN20080120_130633_000000342065_00181_30796_9553.N1	20-JAN-2008 13:06:33	Bright	33.500	59	55Alp Oph	2.0800	8900.0	67	30796	No
206	GOM_NL__2PRFIN20080120_130839_000000342065_00181_30796_9554.N1	20-JAN-2008 13:08:39	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	30796	No
207	GOM_NL__2PRFIN20080120_131403_000000392065_00181_30796_9555.N1	20-JAN-2008 13:14:03	Bright	38.500	98	13Zet Oph	2.5710	30000.	77	30796	No
208	GOM_NL__2PRFIN20080120_131832_000000482065_00181_30796_9556.N1	20-JAN-2008 13:18:32	Twilight	48.000	16	21Alp Sco	1.0200	3000.0	96	30796	No
209	GOM_NL__2PRFIN20080120_132006_000000452065_00181_30796_9557.N1	20-JAN-2008 13:20:06	Twilight	44.500	75	26Eps Sco	2.2910	4250.0	89	30796	No
210	GOM_NL__2PRFIN20080120_132343_000000262065_00181_30796_9558.N1	20-JAN-2008 13:23:43	Dark	26.000	147	Alp Ara	2.8770	26000.	52	30796	No
211	GOM_NL__2PRFIN20080120_132828_000000372065_00182_30797_9527.N1	20-JAN-2008 13:28:28	Dark	36.500	134	Bet TrA	2.8100	6600.0	73	30797	No
212	GOM_NL__2PRFIN20080120_133042_000000392065_00182_30797_9528.N1	20-JAN-2008 13:30:42	Dark	38.500	10	Bet Cen	0.61000	28000.	77	30797	No
213	GOM_NL__2PRFIN20080120_133830_000000372065_00182_30797_9529.N1	20-JAN-2008 13:38:30	Dark	37.000	29	Bet Car	1.6720	10200.	74	30797	No
214	GOM_NL__2PRFIN20080120_134034_000000452065_00182_30797_9530.N1	20-JAN-2008 13:40:34	Dark	45.000	71	lot Car	2.2460	7700.0	90	30797	No
215	GOM_NL__2PRFIN20080120_134224_000000422065_00182_30797_9531.N1	20-JAN-2008 13:42:24	Dark	42.000	46	Del Vel	1.9540	10600.	84	30797	No
216	GOM_NL__2PRFIN20080120_134508_000000442065_00182_30797_9532.N1	20-JAN-2008 13:45:08	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	30797	No
217	GOM_NL__2PRFIN20080120_134846_000000452065_00182_30797_9533.N1	20-JAN-2008 13:48:46	Straylight	44.500	117	Pi Pup	2.7060	3800.0	89	30797	No
218	GOM_NL__2PRFIN20080120_135117_000000422065_00182_30797_9534.N1	20-JAN-2008 13:51:17	Straylight	42.000	23	21Eps CMa	1.5020	26000.	84	30797	No
219	GOM_NL__2PRFIN20080120_135240_000000382065_00182_30797_9535.N1	20-JAN-2008 13:52:40	Straylight	37.500	179	24Omi2CMa	3.0320	24000.	75	30797	No

220	GOM_NL__2PRFIN20080120_135452_000000442065_00182_30797_9536.N1	20-JAN-2008 13:54:52	Straylight	43.500	1	9Alp CMa	-1.4400	11000.	87	30797	No
221	GOM_NL__2PRFIN20080120_135723_000000382065_00182_30797_9537.N1	20-JAN-2008 13:57:23	Straylight	38.000	56	53Kap Ori	2.0650	30000.	76	30797	No
222	GOM_NL__2PRFIN20080120_135835_000000372065_00182_30797_9538.N1	20-JAN-2008 13:58:35	Twilight	36.500	125	44lot Ori	2.7700	30000.	73	30797	No
223	GOM_NL__2PRFIN20080120_135952_000000392065_00182_30797_9539.N1	20-JAN-2008 13:59:52	Twilight	39.000	30	46Eps Ori	1.6940	30000.	78	30797	No
224	GOM_NL__2PRFIN20080120_140201_000000452065_00182_30797_9540.N1	20-JAN-2008 14:02:01	Twilight	45.000	14	58Alp Ori	0.87000	3000.0	90	30797	No
225	GOM_NL__2PRFIN20080120_140420_000000452065_00182_30797_9541.N1	20-JAN-2008 14:04:20	Bright	45.000	44	24Gam Gem	1.9280	11000.	90	30797	No
226	GOM_NL__2PRFIN20080120_140605_000000402065_00182_30797_9542.N1	20-JAN-2008 14:06:05	Bright	39.500	151	13Mu Gem	2.8900	3000.0	79	30797	No
227	GOM_NL__2PRFIN20080120_140810_000000372065_00182_30797_9543.N1	20-JAN-2008 14:08:10	Bright	37.000	28	12Bet Tau	1.6500	15200.	74	30797	No
228	GOM_NL__2PRFIN20080120_141016_000000352065_00182_30797_9544.N1	20-JAN-2008 14:10:16	Bright	34.500	107	37The Aur	2.6490	11000.	69	30797	No
229	GOM_NL__2PRFIN20080120_141226_000000352065_00182_30797_9545.N1	20-JAN-2008 14:12:26	Bright	34.500	42	34Bet Aur	1.9000	10200.	69	30797	No
230	GOM_NL__2PRFIN20080120_142459_000000332065_00182_30797_9546.N1	20-JAN-2008 14:24:59	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	30797	No
231	GOM_NL__2PRFIN20080120_143555_000000352065_00182_30797_9547.N1	20-JAN-2008 14:35:55	Bright	34.500	130	23Bet Dra	2.7990	5800.0	69	30797	No
232	GOM_NL__2PRFIN20080120_143911_000000362065_00182_30797_9548.N1	20-JAN-2008 14:39:11	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	30797	No
233	GOM_NL__2PRFIN20080120_144709_000000342065_00182_30797_9549.N1	20-JAN-2008 14:47:09	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	30797	No
234	GOM_NL__2PRFIN20080120_144915_000000332065_00182_30797_9550.N1	20-JAN-2008 14:49:15	Bright	33.000	126	60Bet Oph	2.7700	4250.0	66	30797	No
235	GOM_NL__2PRFIN20080120_145440_000000552065_00182_30797_9551.N1	20-JAN-2008 14:54:40	Bright	55.000	98	13Zet Oph	2.5710	30000.	110	30797	No
236	GOM_NL__2PRFIN20080120_145908_000000462065_00182_30797_9552.N1	20-JAN-2008 14:59:08	Twilight	46.000	16	21Alp Sco	1.0200	3000.0	92	30797	No
237	GOM_NL__2PRFIN20080120_150042_000000412065_00182_30797_9553.N1	20-JAN-2008 15:00:42	Twilight	40.500	75	26Eps Sco	2.2910	4250.0	81	30797	No
238	GOM_NL__2PRFIN20080120_150419_000000262065_00182_30797_9554.N1	20-JAN-2008 15:04:19	Dark	26.000	147	Alp Ara	2.8770	26000.	52	30797	No
239	GOM_NL__2PRFIN20080120_150905_000000372065_00183_30798_9542.N1	20-JAN-2008 15:09:05	Dark	36.500	134	Bet TrA	2.8100	6600.0	73	30798	No
240	GOM_NL__2PRFIN20080120_151119_000000482065_00183_30798_9543.N1	20-JAN-2008 15:11:19	Dark	48.000	10	Bet Cen	0.61000	28000.	96	30798	No
241	GOM_NL__2PRFIN20080120_151907_000000452065_00183_30798_9544.N1	20-JAN-2008 15:19:07	Dark	45.000	29	Bet Car	1.6720	10200.	90	30798	No
242	GOM_NL__2PRFIN20080120_152110_000000392065_00183_30798_9545.N1	20-JAN-2008 15:21:10	Dark	39.000	71	lot Car	2.2460	7700.0	78	30798	No
243	GOM_NL__2PRFIN20080120_152301_000000392065_00183_30798_9546.N1	20-JAN-2008 15:23:01	Dark	39.000	46	Del Vel	1.9540	10600.	78	30798	No
244	GOM_NL__2PRFIN20080120_152544_000000422065_00183_30798_9547.N1	20-JAN-2008 15:25:44	Dark	42.000	2	Alp Car	-0.73600	7000.0	84	30798	No
245	GOM_NL__2PRFIN20080120_152922_000000442065_00183_30798_9548.N1	20-JAN-2008 15:29:22	Straylight	43.500	117	Pi Pup	2.7060	3800.0	87	30798	No
246	GOM_NL__2PRFIN20080120_153153_000000402065_00183_30798_9549.N1	20-JAN-2008 15:31:53	Straylight	40.000	23	21Eps CMa	1.5020	26000.	80	30798	No
247	GOM_NL__2PRFIN20080120_153317_000000392065_00183_30798_9550.N1	20-JAN-2008 15:33:17	Straylight	39.000	179	24Omi2CMa	3.0320	24000.	78	30798	No
248	GOM_NL__2PRFIN20080120_153528_000000462065_00183_30798_9551.N1	20-JAN-2008 15:35:28	Straylight	46.000	1	9Alp CMa	-1.4400	11000.	92	30798	No
249	GOM_NL__2PRFIN20080120_153759_000000392065_00183_30798_9552.N1	20-JAN-2008 15:37:59	Straylight	39.000	56	53Kap Ori	2.0650	30000.	78	30798	No
250	GOM_NL__2PRFIN20080120_153911_000000362065_00183_30798_9553.N1	20-JAN-2008 15:39:11	Twilight	35.500	125	44lot Ori	2.7700	30000.	71	30798	No
251	GOM_NL__2PRFIN20080120_154028_000000392065_00183_30798_9554.N1	20-JAN-2008 15:40:28	Twilight	39.000	30	46Eps Ori	1.6940	30000.	78	30798	No
252	GOM_NL__2PRFIN20080120_154237_000000462065_00183_30798_9555.N1	20-JAN-2008 15:42:37	Twilight	45.500	14	58Alp Ori	0.87000	3000.0	91	30798	No
253	GOM_NL__2PRFIN20080120_154456_000000512065_00183_30798_9556.N1	20-JAN-2008 15:44:56	Bright	51.000	44	24Gam Gem	1.9280	11000.	102	30798	No
254	GOM_NL__2PRFIN20080120_154641_000000402065_00183_30798_9557.N1	20-JAN-2008 15:46:41	Bright	40.000	151	13Mu Gem	2.8900	3000.0	80	30798	No
255	GOM_NL__2PRFIN20080120_154846_000000372065_00183_30798_9558.N1	20-JAN-2008 15:48:46	Bright	37.000	28	12Bet Tau	1.6500	15200.	74	30798	No
256	GOM_NL__2PRFIN20080120_155052_000000422065_00183_30798_9559.N1	20-JAN-2008 15:50:52	Bright	41.500	107	37The Aur	2.6490	11000.	83	30798	No
257	GOM_NL__2PRFIN20080120_155302_000000352065_00183_30798_9560.N1	20-JAN-2008 15:53:02	Bright	34.500	42	34Bet Aur	1.9000	10200.	69	30798	No
258	GOM_NL__2PRFIN20080120_160535_000000362065_00183_30798_9561.N1	20-JAN-2008 16:05:35	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	30798	No
259	GOM_NL__2PRFIN20080120_161631_000000362065_00183_30798_9562.N1	20-JAN-2008 16:16:31	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	30798	No
260	GOM_NL__2PRFIN20080120_161947_000000342065_00183_30798_9563.N1	20-JAN-2008 16:19:47	Bright	33.500	5	3Alp Lyr	0.033000	11000.	67	30798	No
261	GOM_NL__2PRFIN20080120_162745_000000342065_00183_30798_9564.N1	20-JAN-2008 16:27:45	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	30798	No
262	GOM_NL__2PRFIN20080120_162951_000000342065_00183_30798_9565.N1	20-JAN-2008 16:29:51	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	30798	No
263	GOM_NL__2PRFIN20080120_163516_000000382065_00183_30798_9566.N1	20-JAN-2008 16:35:16	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	30798	No
264	GOM_NL__2PRFIN20080120_163945_000000462065_00183_30798_9567.N1	20-JAN-2008 16:39:45	Twilight	45.500	16	21Alp Sco	1.0200	3000.0	91	30798	No
265	GOM_NL__2PRFIN20080120_164119_000000422065_00183_30798_9568.N1	20-JAN-2008 16:41:19	Twilight	42.000	75	26Eps Sco	2.2910	4250.0	84	30798	No
266	GOM_NL__2PRFIN20080120_164455_000000362065_00183_30798_9569.N1	20-JAN-2008 16:44:55	Dark	35.500	147	Alp Ara	2.8770	26000.	71	30798	No
267	GOM_NL__2PRFIN20080120_164941_000000372065_00184_30799_9552.N1	20-JAN-2008 16:49:41	Dark	36.500	134	Bet TrA	2.8100	6600.0	73	30799	No
268	GOM_NL__2PRFIN20080120_165155_000000412065_00184_30799_9553.N1	20-JAN-2008 16:51:55	Dark	41.000	10	Bet Cen	0.61000	28000.	82	30799	No
269	GOM_NL__2PRFIN20080120_165943_000000382065_00184_30799_9554.N1	20-JAN-2008 16:59:43	Dark	37.500	29	Bet Car	1.6720	10200.	75	30799	No
270	GOM_NL__2PRFIN20080120_170147_000000412065_00184_30799_9555.N1	20-JAN-2008 17:01:47	Dark	40.500	71	lot Car	2.2460	7700.0	81	30799	No
271	GOM_NL__2PRFIN20080120_170337_000000442065_00184_30799_9556.N1	20-JAN-2008 17:03:37	Dark	43.500	46	Del Vel	1.9540	10600.	87	30799	No
272	GOM_NL__2PRFIN20080120_170620_000000522065_00184_30799_9557.N1	20-JAN-2008 17:06:20	Dark	51.500	2	Alp Car	-0.73600	7000.0	103	30799	No
273	GOM_NL__2PRFIN20080120_170959_000000472065_00184_30799_9558.N1	20-JAN-2008 17:09:59	Straylight	47.000	117	Pi Pup	2.7060	3800.0	94	30799	No
274	GOM_NL__2PRFIN20080120_171229_000000422065_00184_30799_9559.N1	20-JAN-2008 17:12:29	Straylight	42.000	23	21Eps CMa	1.5020	26000.	84	30799	No
275	GOM_NL__2PRFIN20080120_171353_000000372065_00184_30799_9560.N1	20-JAN-2008 17:13:53	Straylight	37.000	179	24Omi2CMa	3.0320	24000.	74	30799	No
276	GOM_NL__2PRFIN20080120_171604_000000392065_00184_30799_9561.N1	20-JAN-2008 17:16:04	Straylight	38.500	1	9Alp CMa	-1.4400	11000.	77	30799	No
277	GOM_NL__2PRFIN20080120_171836_000000382065_00184_30799_9562.N1	20-JAN-2008 17:18:36	Straylight	38.000	56	53Kap Ori	2.0650	30000.	76	30799	No
278	GOM_NL__2PRFIN20080120_171947_000000372065_00184_30799_9563.N1	20-JAN-2008 17:19:47	Twilight	36.500	125	44lot Ori	2.7700	30000.	73	30799	No

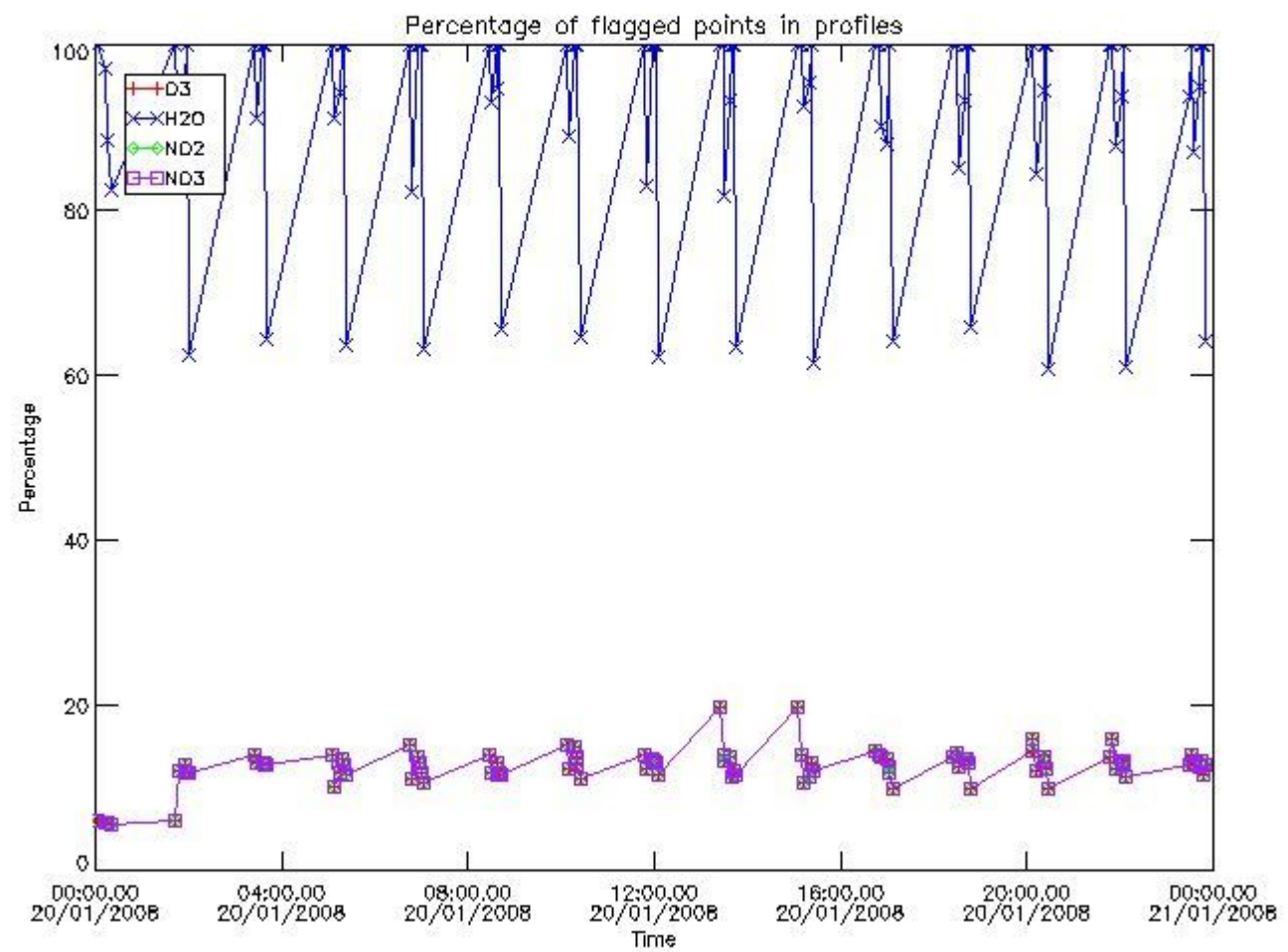
279	GOM_NL__2PRFIN20080120_172104_000000412065_00184_30799_9564.N1	20-JAN-2008 17:21:04	Twilight	41.000	30	46Eps Ori	1.6940	30000.	82	30799	No
280	GOM_NL__2PRFIN20080120_172313_000000522065_00184_30799_9565.N1	20-JAN-2008 17:23:13	Twilight	52.000	14	58Alp Ori	0.87000	3000.0	104	30799	No
281	GOM_NL__2PRFIN20080120_172532_000000492065_00184_30799_9566.N1	20-JAN-2008 17:25:32	Bright	49.000	44	24Gam Gem	1.9280	11000.	98	30799	No
282	GOM_NL__2PRFIN20080120_172717_000000392065_00184_30799_9567.N1	20-JAN-2008 17:27:17	Bright	39.000	151	13Mu Gem	2.8900	3000.0	78	30799	No
283	GOM_NL__2PRFIN20080120_172922_000000372065_00184_30799_9568.N1	20-JAN-2008 17:29:22	Bright	37.000	28	12Bet Tau	1.6500	15200.	74	30799	No
284	GOM_NL__2PRFIN20080120_173128_000000352065_00184_30799_9569.N1	20-JAN-2008 17:31:28	Bright	34.500	107	37The Aur	2.6490	11000.	69	30799	No
285	GOM_NL__2PRFIN20080120_173338_000000362065_00184_30799_9570.N1	20-JAN-2008 17:33:38	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	30799	No
286	GOM_NL__2PRFIN20080120_174611_000000362065_00184_30799_9571.N1	20-JAN-2008 17:46:11	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	30799	No
287	GOM_NL__2PRFIN20080120_175708_000000342065_00184_30799_9572.N1	20-JAN-2008 17:57:08	Bright	34.000	130	23Bet Dra	2.7990	5800.0	68	30799	No
288	GOM_NL__2PRFIN20080120_180023_000000342065_00184_30799_9573.N1	20-JAN-2008 18:00:23	Bright	33.500	5	3Alp Lyr	0.033000	11000.	67	30799	No
289	GOM_NL__2PRFIN20080120_180821_000000342065_00184_30799_9574.N1	20-JAN-2008 18:08:21	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	30799	No
290	GOM_NL__2PRFIN20080120_181028_000000342065_00184_30799_9575.N1	20-JAN-2008 18:10:28	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	30799	No
291	GOM_NL__2PRFIN20080120_181552_000000442065_00184_30799_9576.N1	20-JAN-2008 18:15:52	Bright	43.500	98	13Zet Oph	2.5710	30000.	87	30799	No
292	GOM_NL__2PRFIN20080120_182021_000000522065_00184_30799_9577.N1	20-JAN-2008 18:20:21	Twilight	51.500	16	21Alp Sco	1.0200	3000.0	103	30799	No
293	GOM_NL__2PRFIN20080120_182155_000000422065_00184_30799_9578.N1	20-JAN-2008 18:21:55	Twilight	42.000	75	26Eps Sco	2.2910	4250.0	84	30799	No
294	GOM_NL__2PRFIN20080120_182531_000000372065_00184_30799_9579.N1	20-JAN-2008 18:25:31	Dark	37.000	147	Alp Ara	2.8770	26000.	74	30799	No
295	GOM_NL__2PRFIN20080120_183017_000000362065_00185_30800_9572.N1	20-JAN-2008 18:30:17	Dark	36.000	134	Bet TrA	2.8100	6600.0	72	30800	No
296	GOM_NL__2PRFIN20080120_183232_000000412065_00185_30800_9573.N1	20-JAN-2008 18:32:32	Dark	40.500	10	Bet Cen	0.61000	28000.	81	30800	No
297	GOM_NL__2PRFIN20080120_184019_000000382065_00185_30800_9574.N1	20-JAN-2008 18:40:19	Dark	37.500	29	Bet Car	1.6720	10200.	75	30800	No
298	GOM_NL__2PRFIN20080120_184223_000000382065_00185_30800_9575.N1	20-JAN-2008 18:42:23	Dark	38.000	71	lot Car	2.2460	7700.0	76	30800	No
299	GOM_NL__2PRFIN20080120_184413_000000402065_00185_30800_9576.N1	20-JAN-2008 18:44:13	Dark	39.500	46	Del Vel	1.9540	10600.	79	30800	No
300	GOM_NL__2PRFIN20080120_184656_000000522065_00185_30800_9577.N1	20-JAN-2008 18:46:56	Dark	51.500	2	Alp Car	-0.73600	7000.0	103	30800	No
301	GOM_NL__2PRFIN20080120_185035_000000432065_00185_30800_9578.N1	20-JAN-2008 18:50:35	Straylight	43.000	117	Pi Pup	2.7060	3800.0	86	30800	No
302	GOM_NL__2PRFIN20080120_185305_000000402065_00185_30800_9579.N1	20-JAN-2008 18:53:05	Straylight	39.500	23	21Eps CMa	1.5020	26000.	79	30800	No
303	GOM_NL__2PRFIN20080120_185429_000000392065_00185_30800_9580.N1	20-JAN-2008 18:54:29	Straylight	38.500	179	24Omi2CMa	3.0320	24000.	77	30800	No
304	GOM_NL__2PRFIN20080120_185640_000000452065_00185_30800_9581.N1	20-JAN-2008 18:56:40	Straylight	45.000	1	9Alp CMa	-1.4400	11000.	90	30800	No
305	GOM_NL__2PRFIN20080120_185912_000000362065_00185_30800_9582.N1	20-JAN-2008 18:59:12	Straylight	36.000	56	53Kap Ori	2.0650	30000.	72	30800	No
306	GOM_NL__2PRFIN20080120_190024_000000382065_00185_30800_9583.N1	20-JAN-2008 19:00:24	Twilight	37.500	125	44lot Ori	2.7700	30000.	75	30800	No
307	GOM_NL__2PRFIN20080120_190141_000000402065_00185_30800_9584.N1	20-JAN-2008 19:01:41	Twilight	40.000	30	46Eps Ori	1.6940	30000.	80	30800	No
308	GOM_NL__2PRFIN20080120_190350_000000522065_00185_30800_9585.N1	20-JAN-2008 19:03:50	Twilight	52.000	14	58Alp Ori	0.87000	3000.0	104	30800	No
309	GOM_NL__2PRFIN20080120_190608_000000442065_00185_30800_9586.N1	20-JAN-2008 19:06:08	Bright	44.000	44	24Gam Gem	1.9280	11000.	88	30800	No
310	GOM_NL__2PRFIN20080120_190753_000000372065_00185_30800_9587.N1	20-JAN-2008 19:07:53	Bright	36.500	151	13Mu Gem	2.8900	3000.0	73	30800	No
311	GOM_NL__2PRFIN20080120_190959_000000372065_00185_30800_9588.N1	20-JAN-2008 19:09:59	Bright	37.000	28	12Bet Tau	1.6500	15200.	74	30800	No
312	GOM_NL__2PRFIN20080120_191204_000000372065_00185_30800_9589.N1	20-JAN-2008 19:12:04	Bright	36.500	107	37The Aur	2.6490	11000.	73	30800	No
313	GOM_NL__2PRFIN20080120_191414_000000362065_00185_30800_9590.N1	20-JAN-2008 19:14:14	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	30800	No
314	GOM_NL__2PRFIN20080120_192647_000000372065_00185_30800_9591.N1	20-JAN-2008 19:26:47	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	30800	No
315	GOM_NL__2PRFIN20080120_193744_000000342065_00185_30800_9592.N1	20-JAN-2008 19:37:44	Bright	33.500	130	23Bet Dra	2.7990	5800.0	67	30800	No
316	GOM_NL__2PRFIN20080120_194059_000000332065_00185_30800_9593.N1	20-JAN-2008 19:40:59	Bright	33.000	5	3Alp Lyr	0.033000	11000.	66	30800	No
317	GOM_NL__2PRFIN20080120_194857_000000342065_00185_30800_9594.N1	20-JAN-2008 19:48:57	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	30800	No
318	GOM_NL__2PRFIN20080120_195104_000000342065_00185_30800_9595.N1	20-JAN-2008 19:51:04	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	30800	No
319	GOM_NL__2PRFIN20080120_195629_000000262065_00185_30800_9596.N1	20-JAN-2008 19:56:29	Twilight	26.000	98	13Zet Oph	2.5710	30000.	52	30800	No
320	GOM_NL__2PRFIN20080120_200058_000000502065_00185_30800_9597.N1	20-JAN-2008 20:00:58	Twilight	49.500	16	21Alp Sco	1.0200	3000.0	99	30800	No
321	GOM_NL__2PRFIN20080120_200231_000000442065_00185_30800_9598.N1	20-JAN-2008 20:02:31	Twilight	44.000	75	26Eps Sco	2.2910	4250.0	88	30800	No
322	GOM_NL__2PRFIN20080120_200607_000000352065_00185_30800_9599.N1	20-JAN-2008 20:06:07	Dark	35.000	147	Alp Ara	2.8770	26000.	70	30800	No
323	GOM_NL__2PRFIN20080120_200743_000000322065_00185_30800_9600.N1	20-JAN-2008 20:07:43	Dark	32.000	141	Bet Ara	2.8400	4600.0	64	30800	No
324	GOM_NL__2PRFIN20080120_201308_000000422065_00186_30801_9585.N1	20-JAN-2008 20:13:08	Dark	42.000	10	Bet Cen	0.61000	28000.	84	30801	No
325	GOM_NL__2PRFIN20080120_202055_000000372065_00186_30801_9586.N1	20-JAN-2008 20:20:55	Dark	37.000	29	Bet Car	1.6720	10200.	74	30801	No
326	GOM_NL__2PRFIN20080120_202300_000000392065_00186_30801_9587.N1	20-JAN-2008 20:23:00	Dark	38.500	71	lot Car	2.2460	7700.0	77	30801	No
327	GOM_NL__2PRFIN20080120_202450_000000422065_00186_30801_9588.N1	20-JAN-2008 20:24:50	Dark	41.500	46	Del Vel	1.9540	10600.	83	30801	No
328	GOM_NL__2PRFIN20080120_202732_000000522065_00186_30801_9589.N1	20-JAN-2008 20:27:32	Dark	51.500	2	Alp Car	-0.73600	7000.0	103	30801	No
329	GOM_NL__2PRFIN20080120_203111_000000422065_00186_30801_9590.N1	20-JAN-2008 20:31:11	Straylight	41.500	117	Pi Pup	2.7060	3800.0	83	30801	No
330	GOM_NL__2PRFIN20080120_203341_000000412065_00186_30801_9591.N1	20-JAN-2008 20:33:41	Straylight	40.500	23	21Eps CMa	1.5020	26000.	81	30801	No
331	GOM_NL__2PRFIN20080120_203505_000000382065_00186_30801_9592.N1	20-JAN-2008 20:35:05	Straylight	37.500	179	24Omi2CMa	3.0320	24000.	75	30801	No
332	GOM_NL__2PRFIN20080120_203716_000000442065_00186_30801_9593.N1	20-JAN-2008 20:37:16	Straylight	43.500	1	9Alp CMa	-1.4400	11000.	87	30801	No
333	GOM_NL__2PRFIN20080120_203948_000000412065_00186_30801_9594.N1	20-JAN-2008 20:39:48	Straylight	41.000	56	53Kap Ori	2.0650	30000.	82	30801	No
334	GOM_NL__2PRFIN20080120_204100_000000392065_00186_30801_9595.N1	20-JAN-2008 20:41:00	Twilight	38.500	125	44lot Ori	2.7700	30000.	77	30801	No
335	GOM_NL__2PRFIN20080120_204217_000000422065_00186_30801_9596.N1	20-JAN-2008 20:42:17	Twilight	41.500	30	46Eps Ori	1.6940	30000.	83	30801	No
336	GOM_NL__2PRFIN20080120_204426_000000522065_00186_30801_9597.N1	20-JAN-2008 20:44:26	Twilight	52.000	14	58Alp Ori	0.87000	3000.0	104	30801	No
337	GOM_NL__2PRFIN20080120_204644_000000382065_00186_30801_9598.N1	20-JAN-2008 20:46:44	Bright	37.500	44	24Gam Gem	1.9280	11000.	75	30801	No

338	GOM_NL__2PRFIN20080120_204829_000000382065_00186_30801_9599.N1	20-JAN-2008 20:48:29	Bright	38.000	151	13Mu Gem	2.8900	3000.0	76	30801	No
339	GOM_NL__2PRFIN20080120_205035_000000372065_00186_30801_9600.N1	20-JAN-2008 20:50:35	Bright	37.000	28	12Bet Tau	1.6500	15200.	74	30801	No
340	GOM_NL__2PRFIN20080120_205240_000000362065_00186_30801_9601.N1	20-JAN-2008 20:52:40	Bright	36.000	107	37The Aur	2.6490	11000.	72	30801	No
341	GOM_NL__2PRFIN20080120_205450_000000352065_00186_30801_9602.N1	20-JAN-2008 20:54:50	Bright	35.000	42	34Bet Aur	1.9000	10200.	70	30801	No
342	GOM_NL__2PRFIN20080120_210723_000000362065_00186_30801_9603.N1	20-JAN-2008 21:07:23	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	30801	No
343	GOM_NL__2PRFIN20080120_211820_000000342065_00186_30801_9604.N1	20-JAN-2008 21:18:20	Bright	33.500	130	23Bet Dra	2.7990	5800.0	67	30801	No
344	GOM_NL__2PRFIN20080120_212135_000000332065_00186_30801_9605.N1	20-JAN-2008 21:21:35	Bright	32.500	5	3Alp Lyr	0.033000	11000.	65	30801	No
345	GOM_NL__2PRFIN20080120_212933_000000342065_00186_30801_9606.N1	20-JAN-2008 21:29:33	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	30801	No
346	GOM_NL__2PRFIN20080120_213140_000000342065_00186_30801_9607.N1	20-JAN-2008 21:31:40	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	30801	No
347	GOM_NL__2PRFIN20080120_213705_000000262065_00186_30801_9608.N1	20-JAN-2008 21:37:05	Twi_and_stray	26.000	98	13Zet Oph	2.5710	30000.	52	30801	No
348	GOM_NL__2PRFIN20080120_214134_000000542065_00186_30801_9609.N1	20-JAN-2008 21:41:34	Twilight	54.000	16	21Alp Sco	1.0200	3000.0	108	30801	No
349	GOM_NL__2PRFIN20080120_214307_000000402065_00186_30801_9610.N1	20-JAN-2008 21:43:07	Twilight	40.000	75	26Eps Sco	2.2910	4250.0	80	30801	No
350	GOM_NL__2PRFIN20080120_214643_000000372065_00186_30801_9611.N1	20-JAN-2008 21:46:43	Dark	37.000	147	Alp Ara	2.8770	26000.	74	30801	No
351	GOM_NL__2PRFIN20080120_214819_000000322065_00186_30801_9612.N1	20-JAN-2008 21:48:19	Dark	32.000	141	Bet Ara	2.8400	4600.0	64	30801	No
352	GOM_NL__2PRFIN20080120_215345_000000422065_00187_30802_9599.N1	20-JAN-2008 21:53:45	Dark	41.500	10	Bet Cen	0.61000	28000.	83	30802	No
353	GOM_NL__2PRFIN20080120_220132_000000402065_00187_30802_9600.N1	20-JAN-2008 22:01:32	Dark	40.000	29	Bet Car	1.6720	10200.	80	30802	No
354	GOM_NL__2PRFIN20080120_220336_000000402065_00187_30802_9601.N1	20-JAN-2008 22:03:36	Dark	39.500	71	lot Car	2.2460	7700.0	79	30802	No
355	GOM_NL__2PRFIN20080120_220526_000000392065_00187_30802_9602.N1	20-JAN-2008 22:05:26	Dark	38.500	46	Del Vel	1.9540	10600.	77	30802	No
356	GOM_NL__2PRFIN20080120_220808_000000492065_00187_30802_9603.N1	20-JAN-2008 22:08:08	Dark	49.000	2	Alp Car	-0.73600	7000.0	98	30802	No
357	GOM_NL__2PRFIN20080120_221147_000000422065_00187_30802_9604.N1	20-JAN-2008 22:11:47	Straylight	41.500	117	Pi Pup	2.7060	3800.0	83	30802	No
358	GOM_NL__2PRFIN20080120_221417_000000422065_00187_30802_9605.N1	20-JAN-2008 22:14:17	Straylight	42.000	23	21Eps CMa	1.5020	26000.	84	30802	No
359	GOM_NL__2PRFIN20080120_221541_000000392065_00187_30802_9606.N1	20-JAN-2008 22:15:41	Straylight	39.000	179	24Omi2CMa	3.0320	24000.	78	30802	No
360	GOM_NL__2PRFIN20080120_221752_000000442065_00187_30802_9607.N1	20-JAN-2008 22:17:52	Straylight	43.500	1	9Alp CMa	-1.4400	11000.	87	30802	No
361	GOM_NL__2PRFIN20080120_222024_000000412065_00187_30802_9608.N1	20-JAN-2008 22:20:24	Straylight	41.000	56	53Kap Ori	2.0650	30000.	82	30802	No
362	GOM_NL__2PRFIN20080120_222136_000000402065_00187_30802_9609.N1	20-JAN-2008 22:21:36	Twi_and_stray	39.500	125	44lot Ori	2.7700	30000.	79	30802	No
363	GOM_NL__2PRFIN20080120_222253_000000432065_00187_30802_9610.N1	20-JAN-2008 22:22:53	Twi_and_stray	42.500	30	46Eps Ori	1.6940	30000.	85	30802	No
364	GOM_NL__2PRFIN20080120_222502_000000462065_00187_30802_9611.N1	20-JAN-2008 22:25:02	Twi_and_stray	46.000	14	58Alp Ori	0.87000	3000.0	92	30802	No
365	GOM_NL__2PRFIN20080120_222720_000000472065_00187_30802_9612.N1	20-JAN-2008 22:27:20	Bright	47.000	44	24Gam Gem	1.9280	11000.	94	30802	No
366	GOM_NL__2PRFIN20080120_222904_000000402065_00187_30802_9613.N1	20-JAN-2008 22:29:04	Bright	39.500	151	13Mu Gem	2.8900	3000.0	79	30802	No
367	GOM_NL__2PRFIN20080120_223111_000000372065_00187_30802_9614.N1	20-JAN-2008 22:31:11	Bright	37.000	28	12Bet Tau	1.6500	15200.	74	30802	No
368	GOM_NL__2PRFIN20080120_223316_000000362065_00187_30802_9615.N1	20-JAN-2008 22:33:16	Bright	35.500	107	37The Aur	2.6490	11000.	71	30802	No
369	GOM_NL__2PRFIN20080120_223526_000000372065_00187_30802_9616.N1	20-JAN-2008 22:35:26	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	30802	No
370	GOM_NL__2PRFIN20080120_224759_000000362065_00187_30802_9617.N1	20-JAN-2008 22:47:59	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	30802	No
371	GOM_NL__2PRFIN20080120_225856_000000362065_00187_30802_9618.N1	20-JAN-2008 22:58:56	Bright	36.000	130	23Bet Dra	2.7990	5800.0	72	30802	No
372	GOM_NL__2PRFIN20080120_230211_000000342065_00187_30802_9619.N1	20-JAN-2008 23:02:11	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	30802	No
373	GOM_NL__2PRFIN20080120_231009_000000342065_00187_30802_9620.N1	20-JAN-2008 23:10:09	Bright	33.500	59	55Alp Oph	2.0800	8900.0	67	30802	No
374	GOM_NL__2PRFIN20080120_231216_000000342065_00187_30802_9621.N1	20-JAN-2008 23:12:16	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	30802	No
375	GOM_NL__2PRFIN20080120_231821_000000472065_00187_30802_9622.N1	20-JAN-2008 23:18:21	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	30802	No
376	GOM_NL__2PRFIN20080120_232210_000000492065_00187_30802_9623.N1	20-JAN-2008 23:22:10	Twilight	49.000	16	21Alp Sco	1.0200	3000.0	98	30802	No
377	GOM_NL__2PRFIN20080120_232344_000000402065_00187_30802_9624.N1	20-JAN-2008 23:23:44	Twilight	39.500	75	26Eps Sco	2.2910	4250.0	79	30802	No
378	GOM_NL__2PRFIN20080120_232855_000000402065_00187_30802_9625.N1	20-JAN-2008 23:28:55	Dark	40.000	141	Bet Ara	2.8400	4600.0	80	30802	No
379	GOM_NL__2PRFIN20080120_233206_000000372065_00188_30803_9612.N1	20-JAN-2008 23:32:06	Dark	36.500	134	Bet TrA	2.8100	6600.0	73	30803	No
380	GOM_NL__2PRFIN20080120_233421_000000392065_00188_30803_9613.N1	20-JAN-2008 23:34:21	Dark	39.000	10	Bet Cen	0.61000	28000.	78	30803	No
381	GOM_NL__2PRFIN20080120_234208_000000412065_00188_30803_9614.N1	20-JAN-2008 23:42:08	Dark	40.500	29	Bet Car	1.6720	10200.	81	30803	No
382	GOM_NL__2PRFIN20080120_234412_000000392065_00188_30803_9615.N1	20-JAN-2008 23:44:12	Dark	38.500	71	lot Car	2.2460	7700.0	77	30803	No
383	GOM_NL__2PRFIN20080120_234602_000000452065_00188_30803_9616.N1	20-JAN-2008 23:46:02	Dark	44.500	46	Del Vel	1.9540	10600.	89	30803	No
384	GOM_NL__2PRFIN20080120_234844_000000442065_00188_30803_9617.N1	20-JAN-2008 23:48:44	Dark	43.500	2	Alp Car	-0.73600	7000.0	87	30803	No
385	GOM_NL__2PRFIN20080120_235223_000000452065_00188_30803_9618.N1	20-JAN-2008 23:52:23	Straylight	44.500	117	Pi Pup	2.7060	3800.0	89	30803	No
386	GOM_NL__2PRFIN20080120_235453_000000432065_00188_30803_9619.N1	20-JAN-2008 23:54:53	Straylight	42.500	23	21Eps CMa	1.5020	26000.	85	30803	No
387	GOM_NL__2PRFIN20080120_235617_000000392065_00188_30803_9620.N1	20-JAN-2008 23:56:17	Straylight	38.500	179	24Omi2CMa	3.0320	24000.	77	30803	No
388	GOM_NL__2PRFIN20080120_235828_000000422065_00188_30803_9621.N1	20-JAN-2008 23:58:28	Straylight	41.500	1	9Alp CMa	-1.4400	11000.	83	30803	No

3. Quality information per product

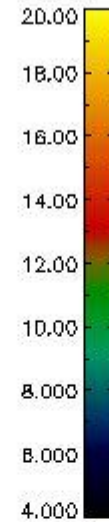
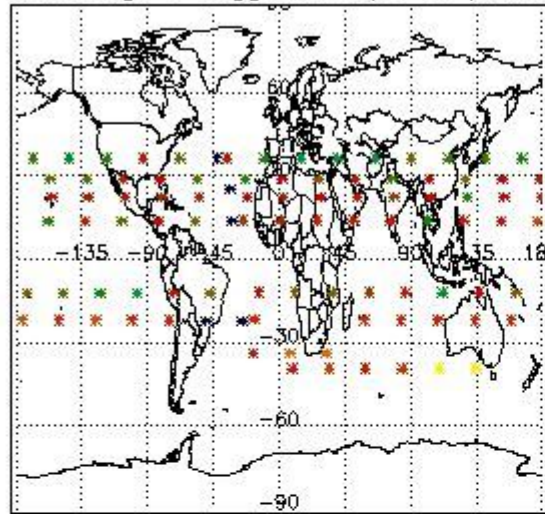
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

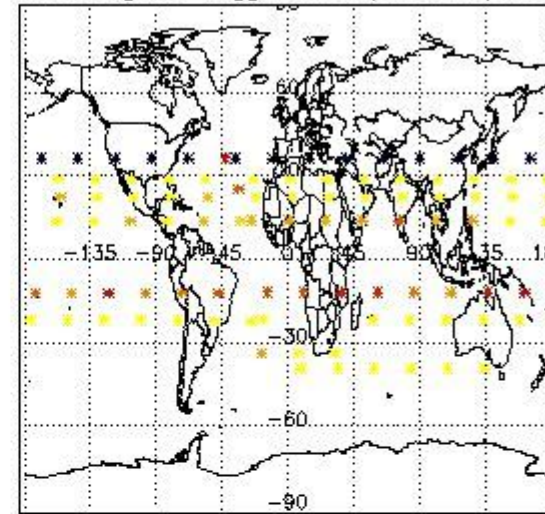


3.2 Plot quality information per product (world map)

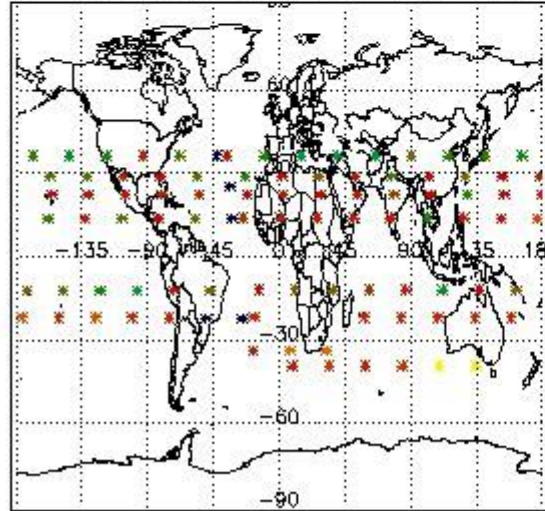
Percentage of flagged data per O3 profile



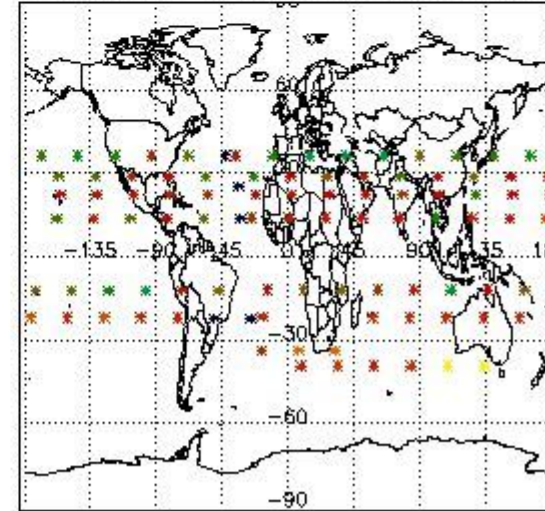
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

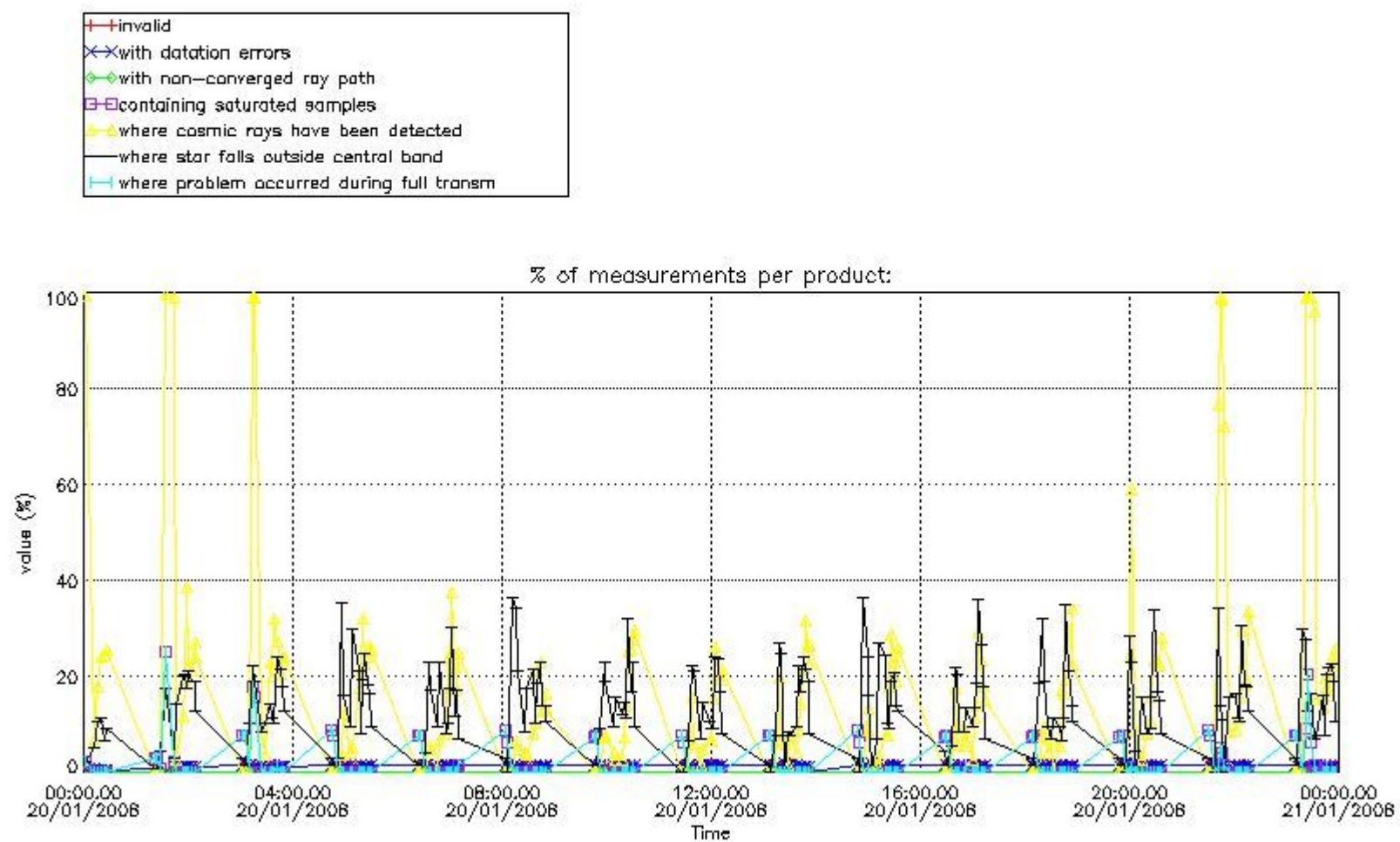


4. Level 1 quality information per product

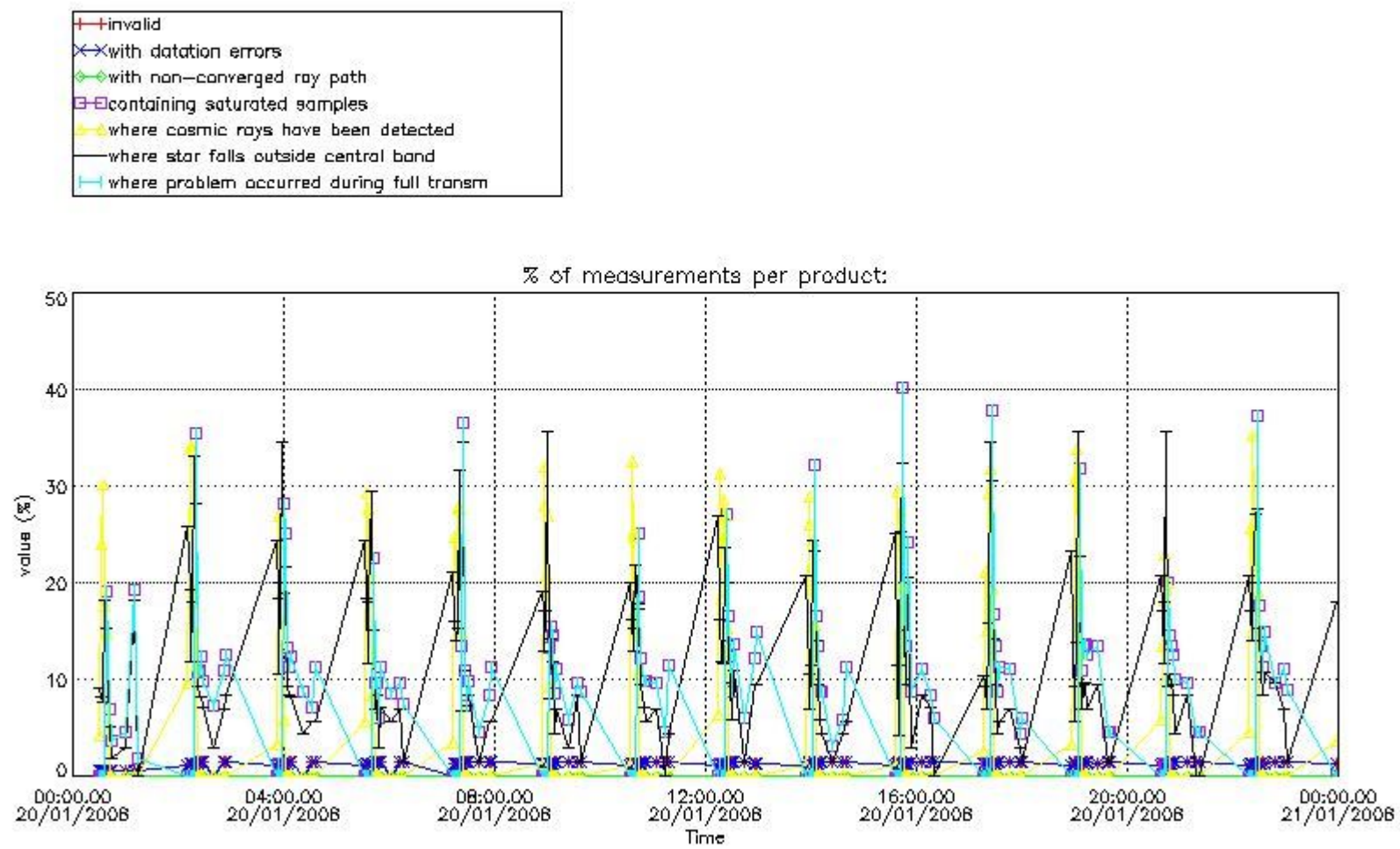
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

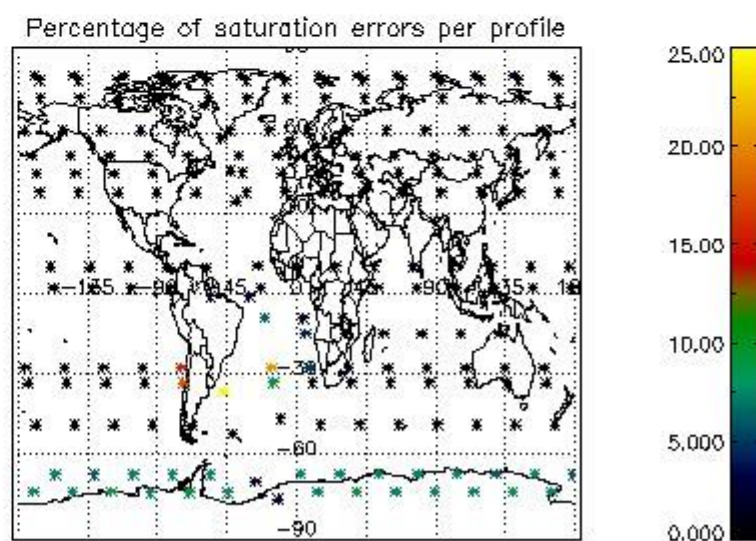
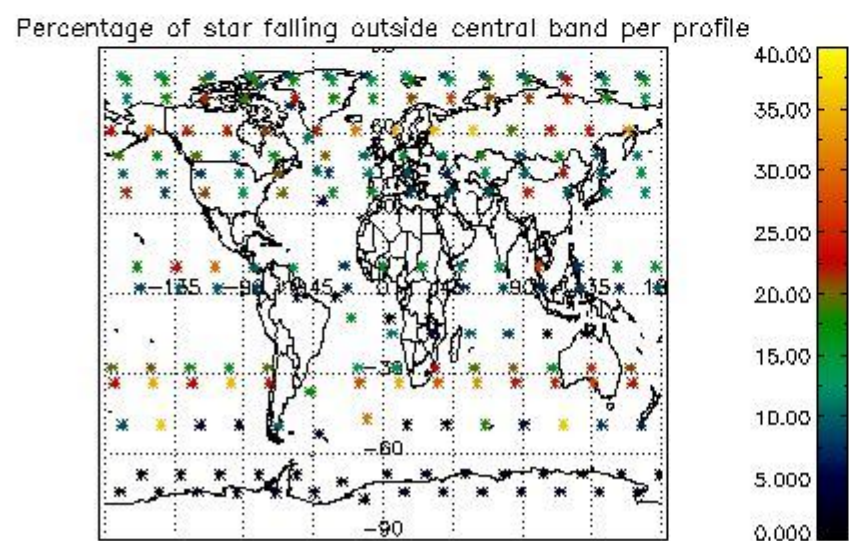
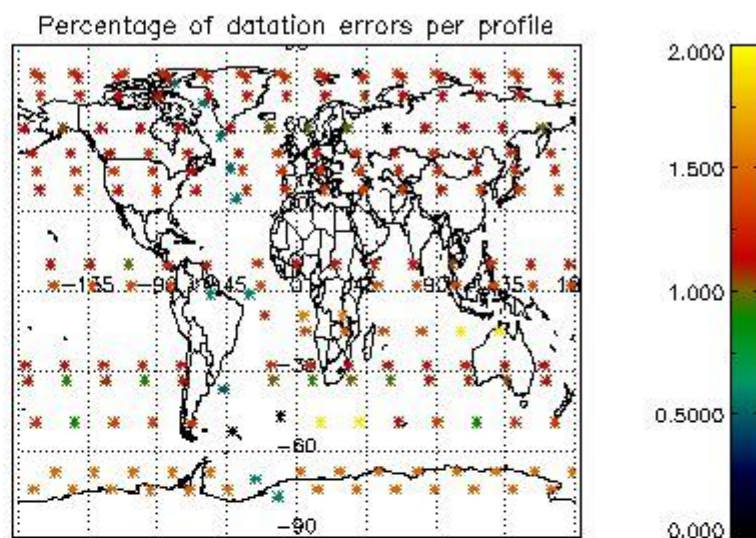
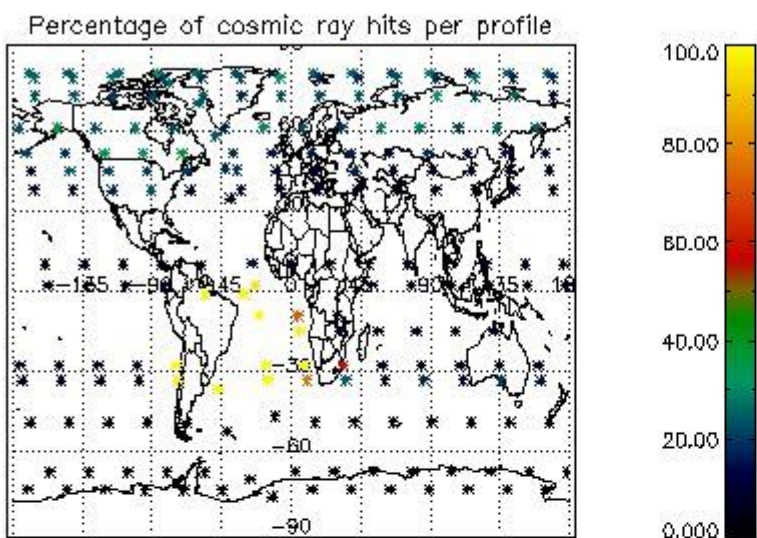


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

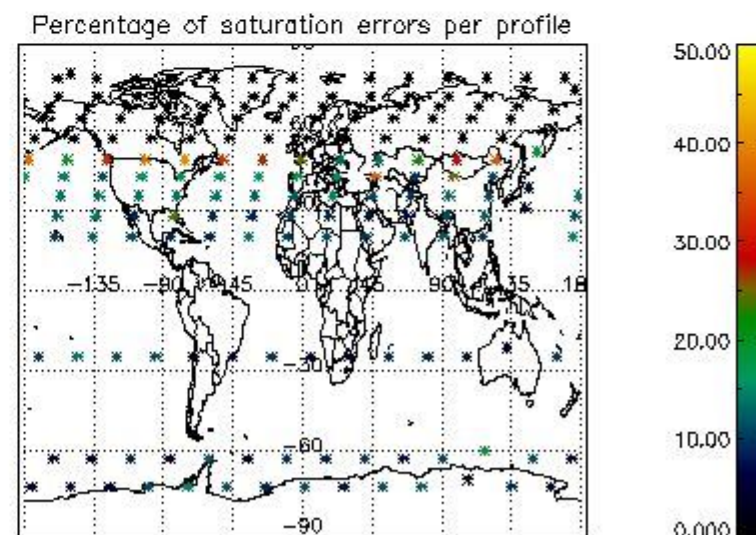
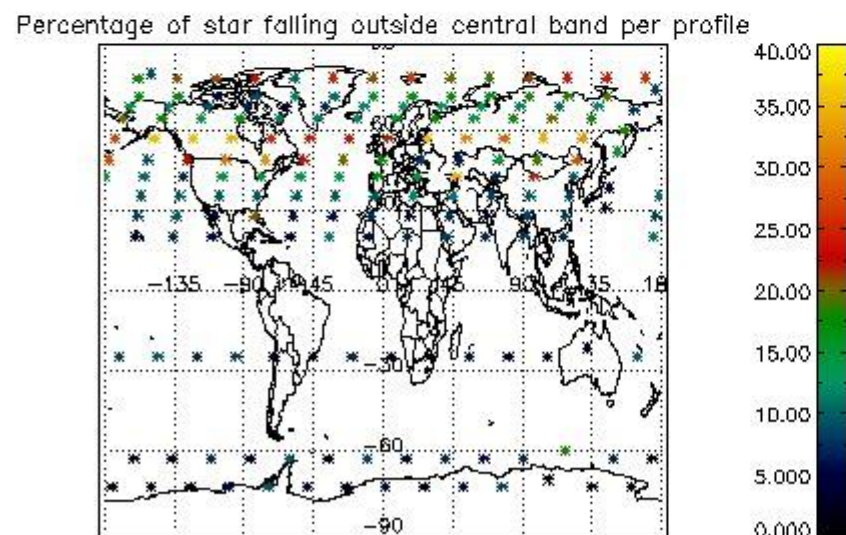
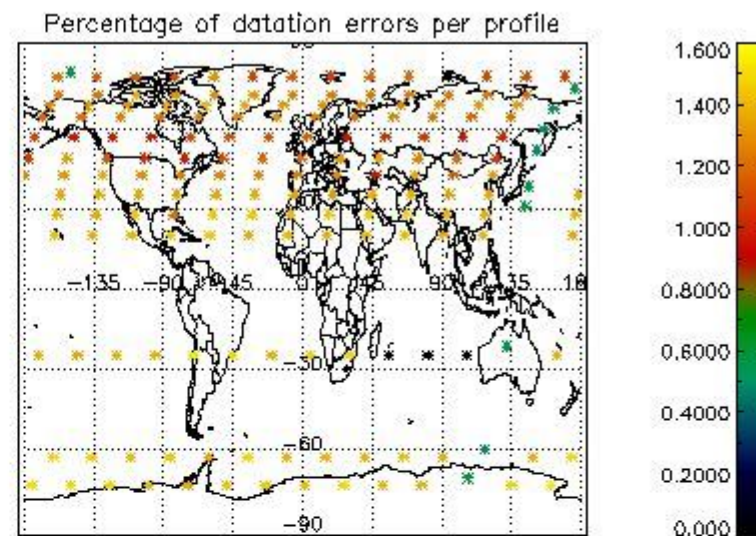
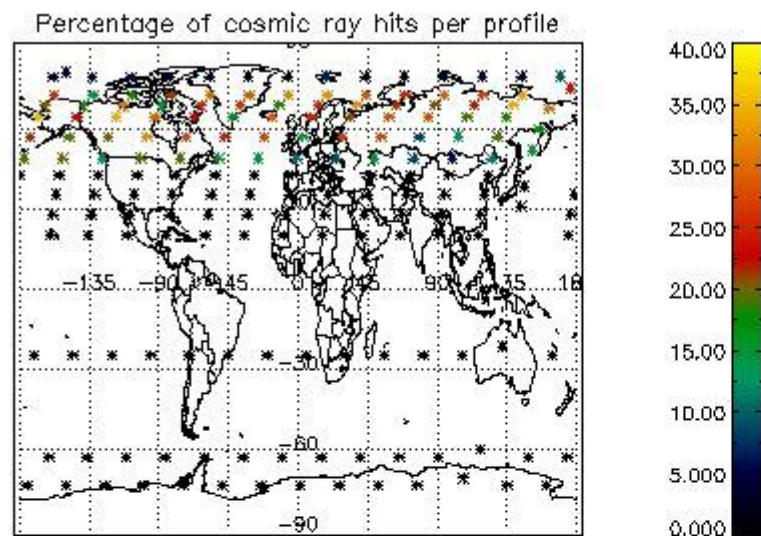


4.2 Plot quality information per product coming from level 1b processing (world map)

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

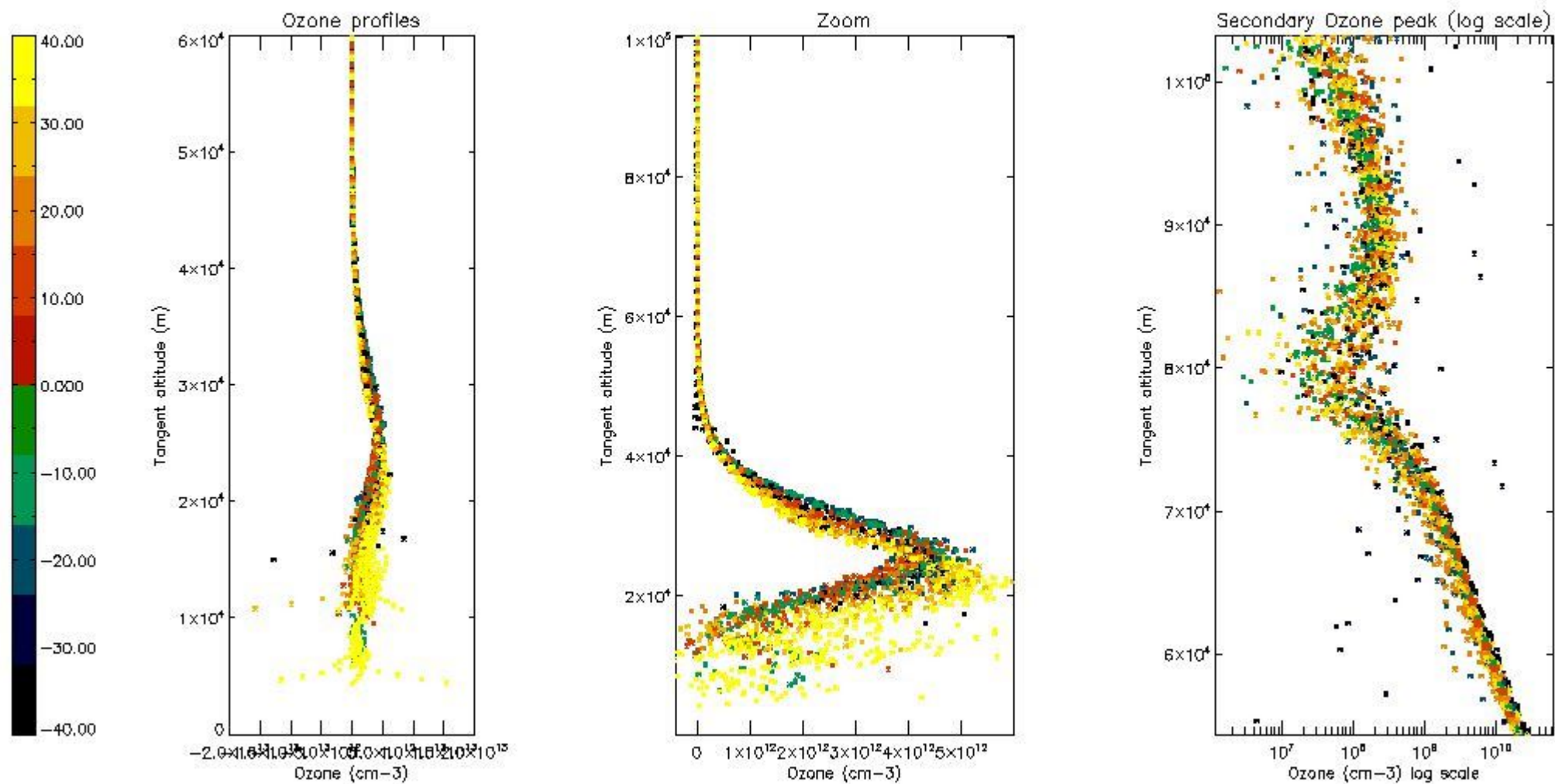
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	25
STD < 20	14

STD < 10	11
STD < 5	7

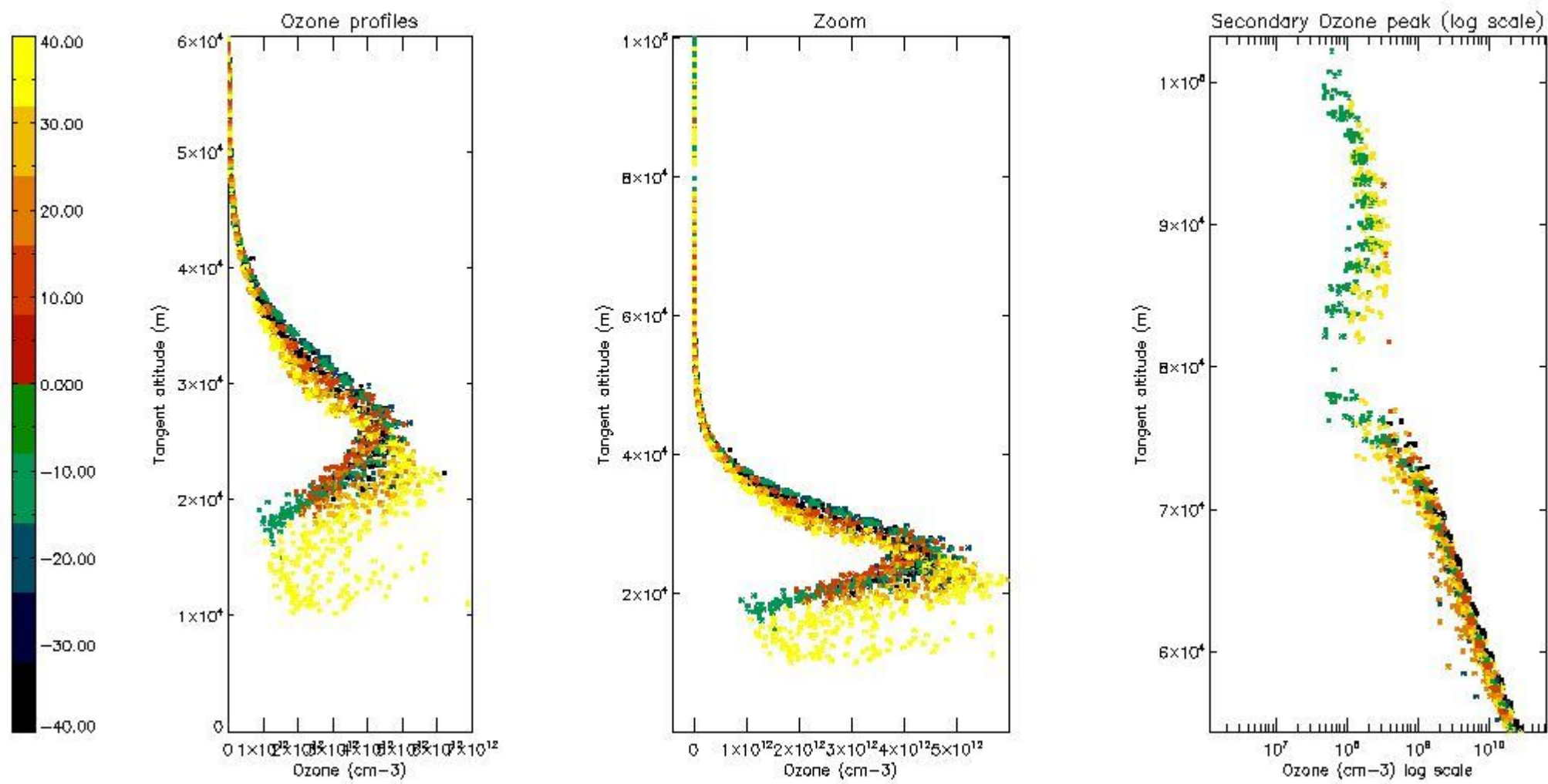
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



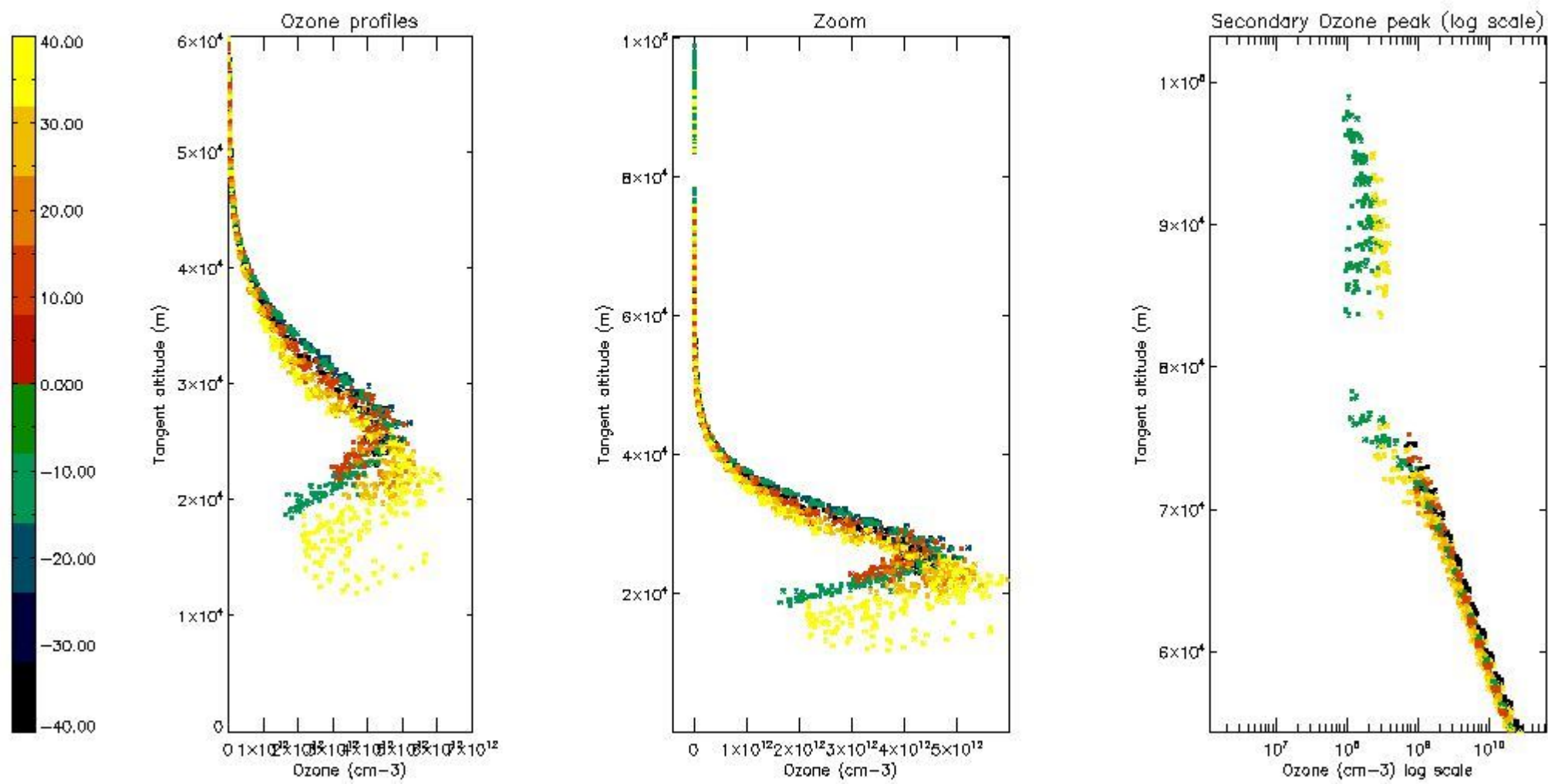
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



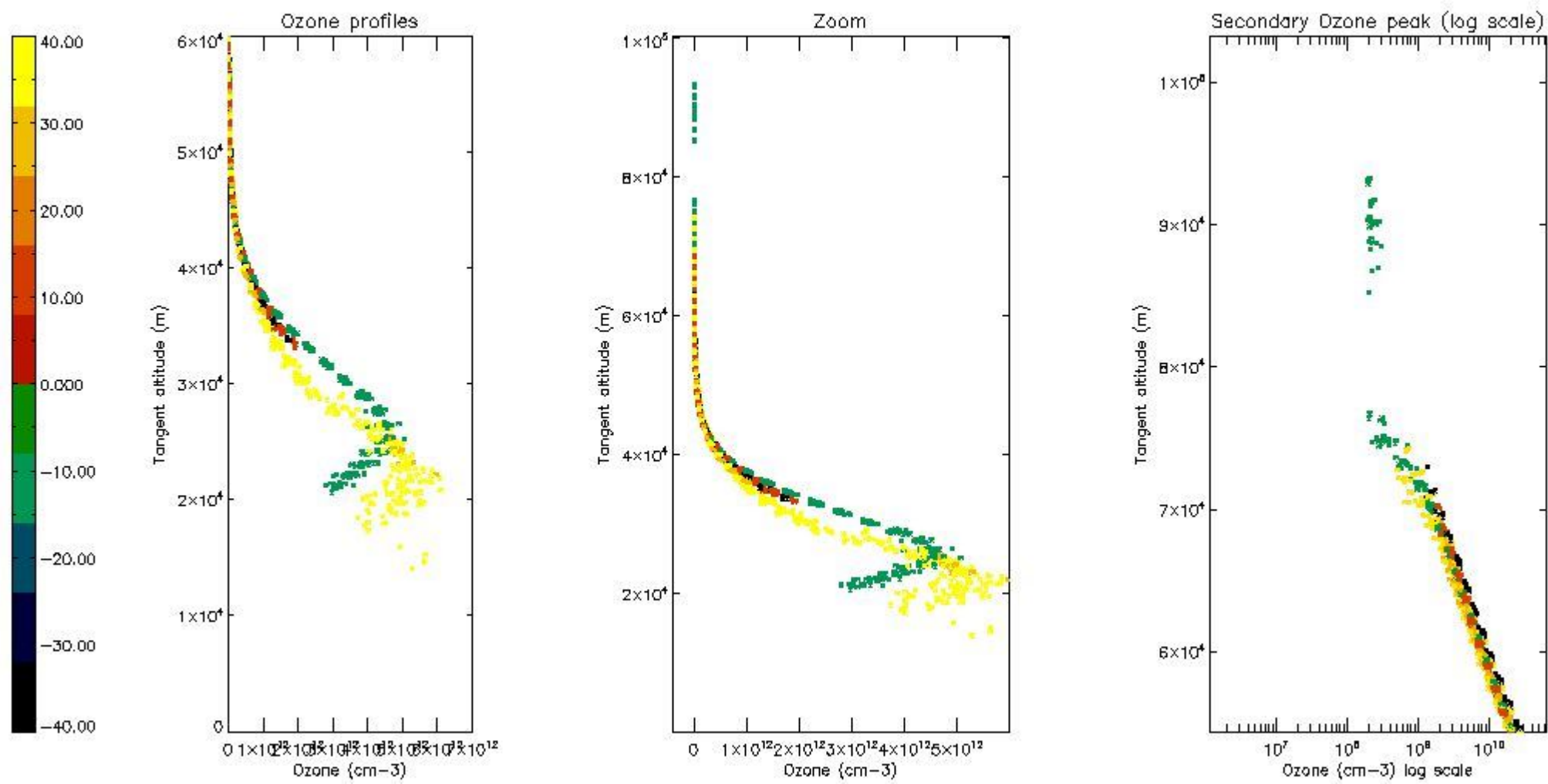
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



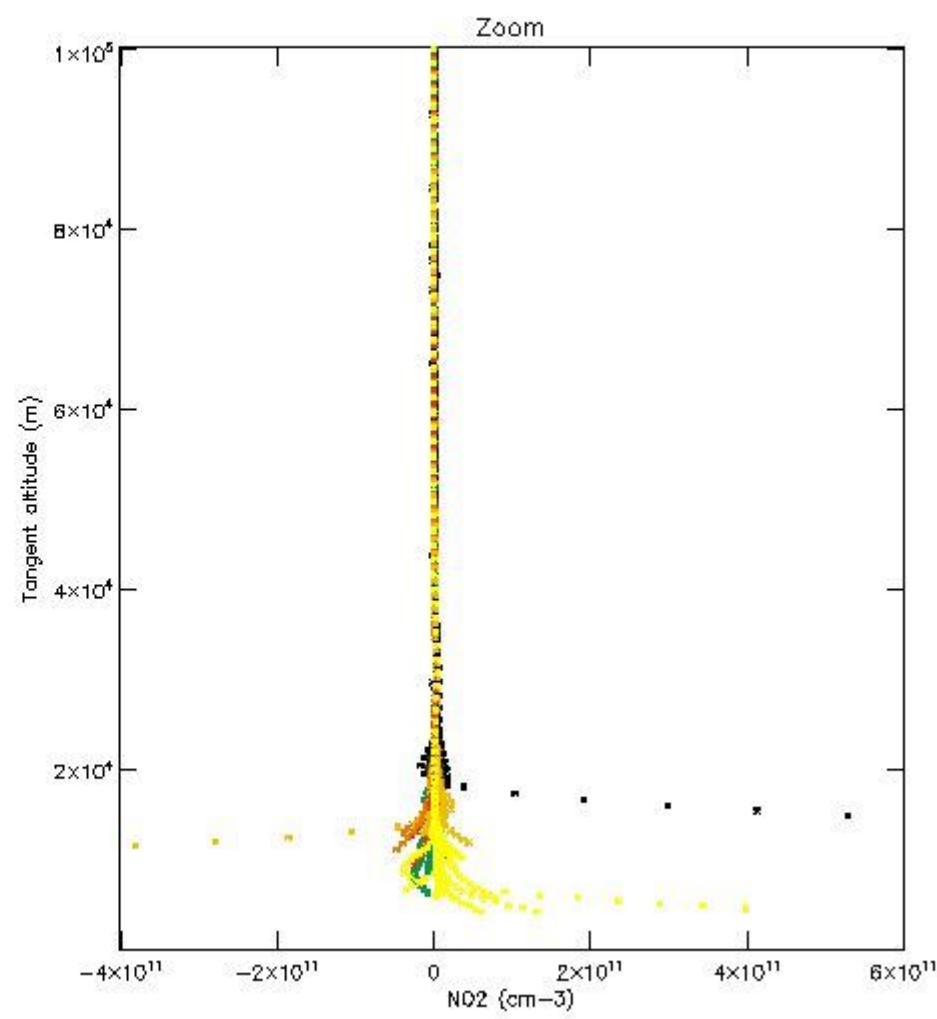
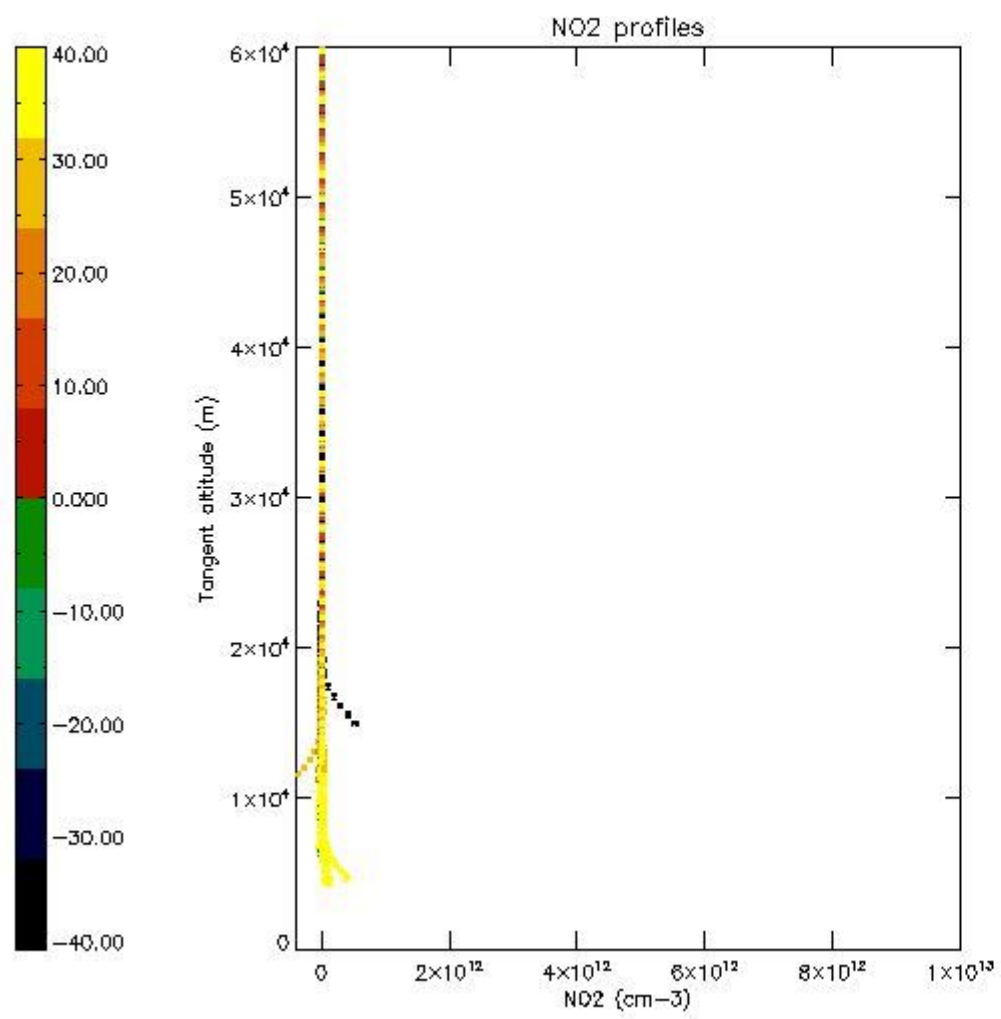
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



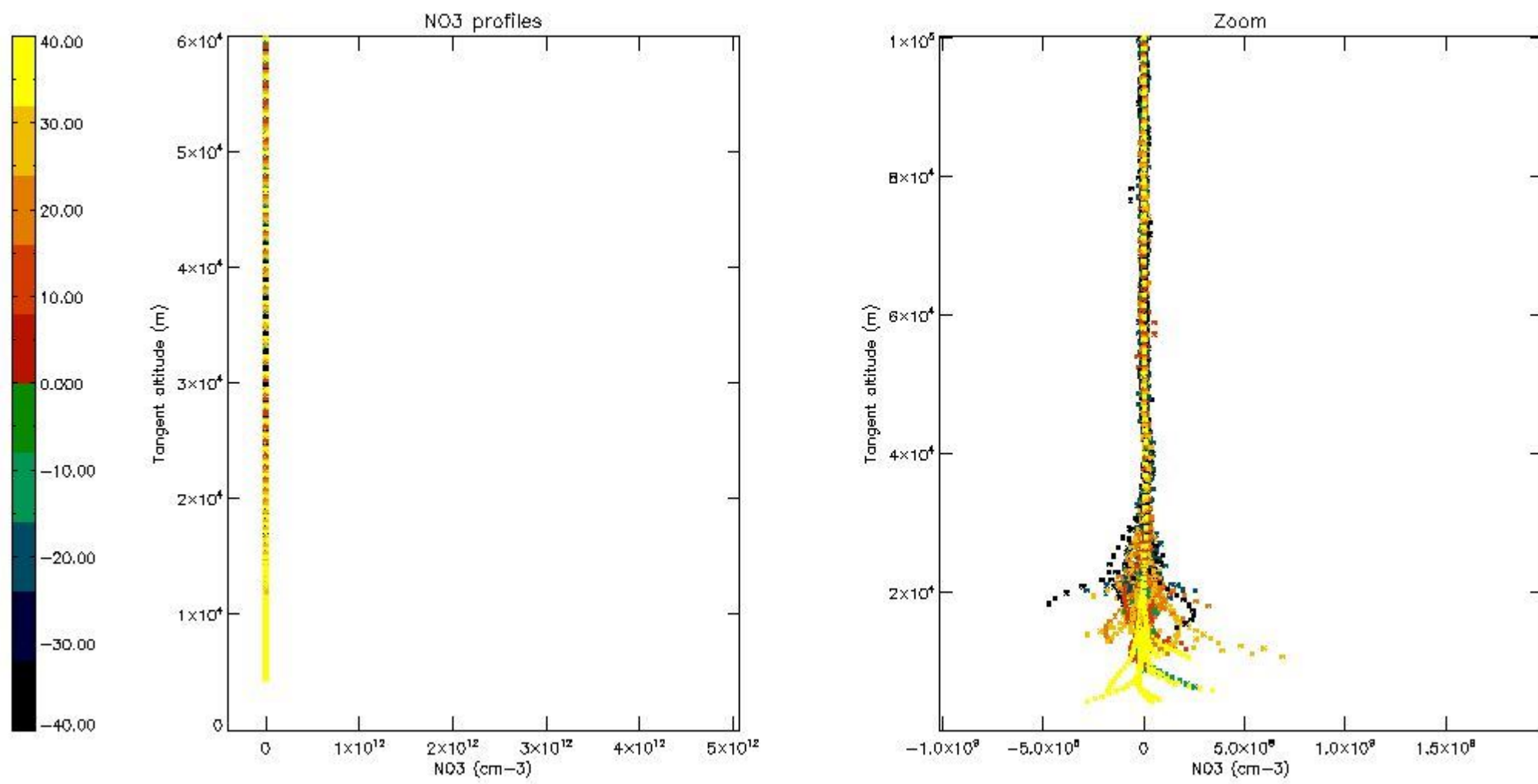
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



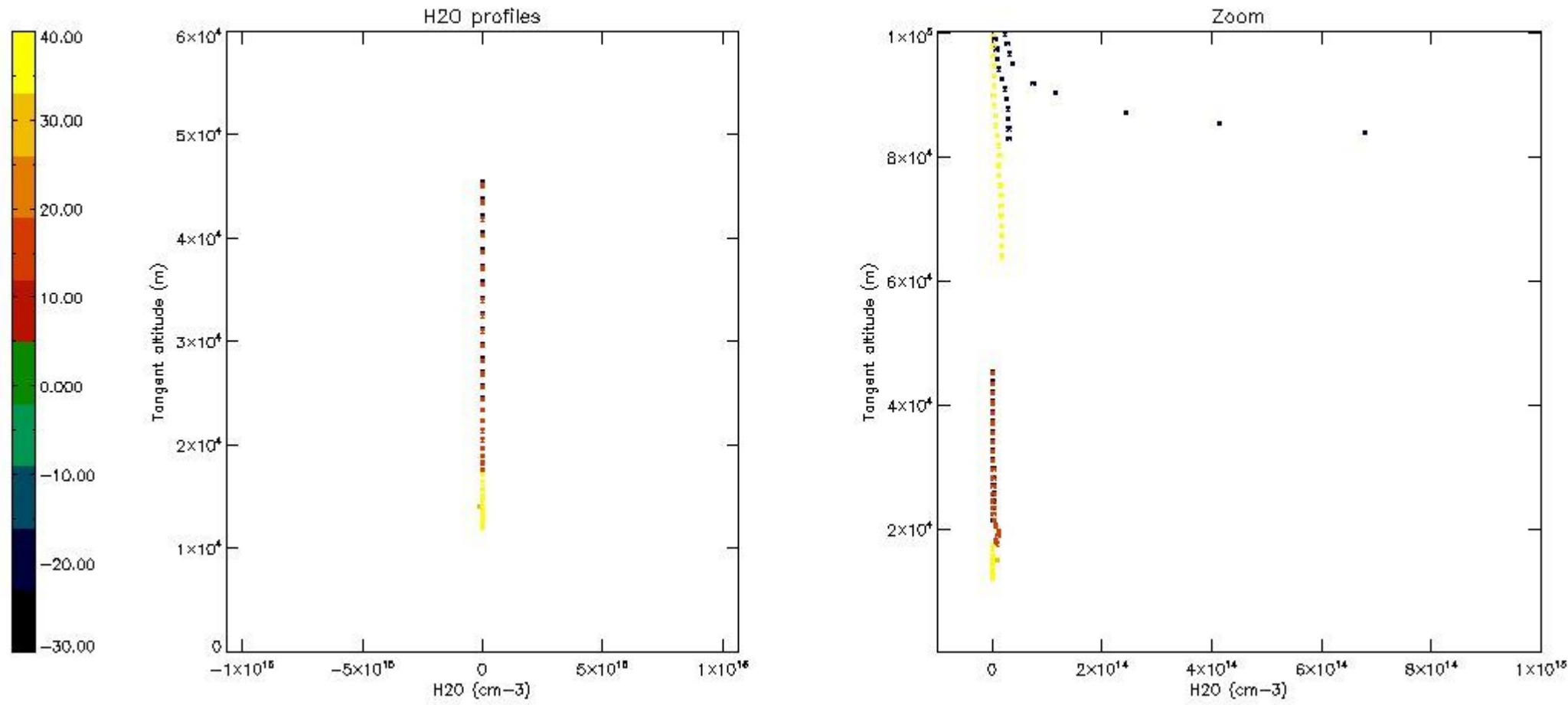
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

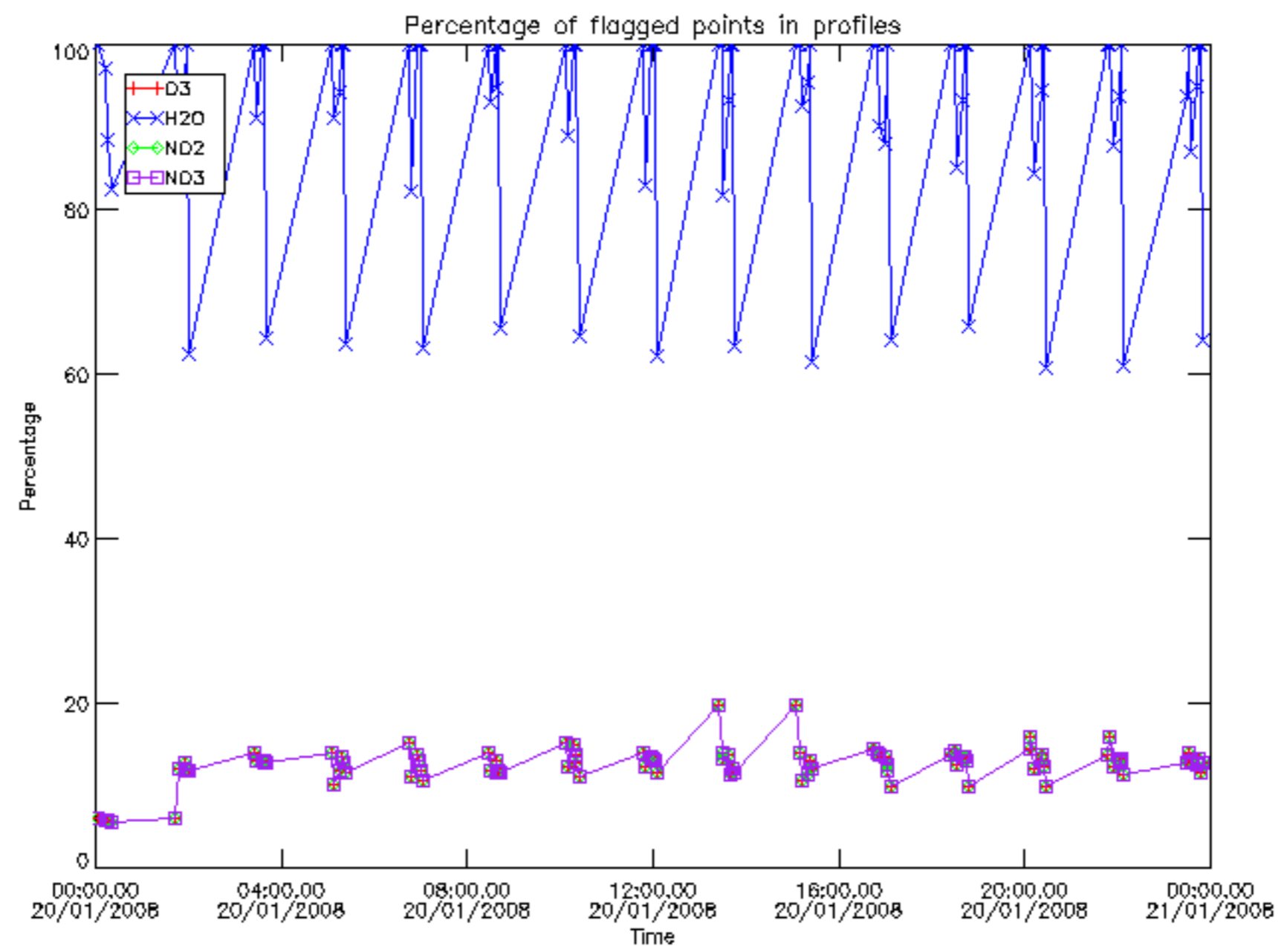
The colorbar represents the latitude.



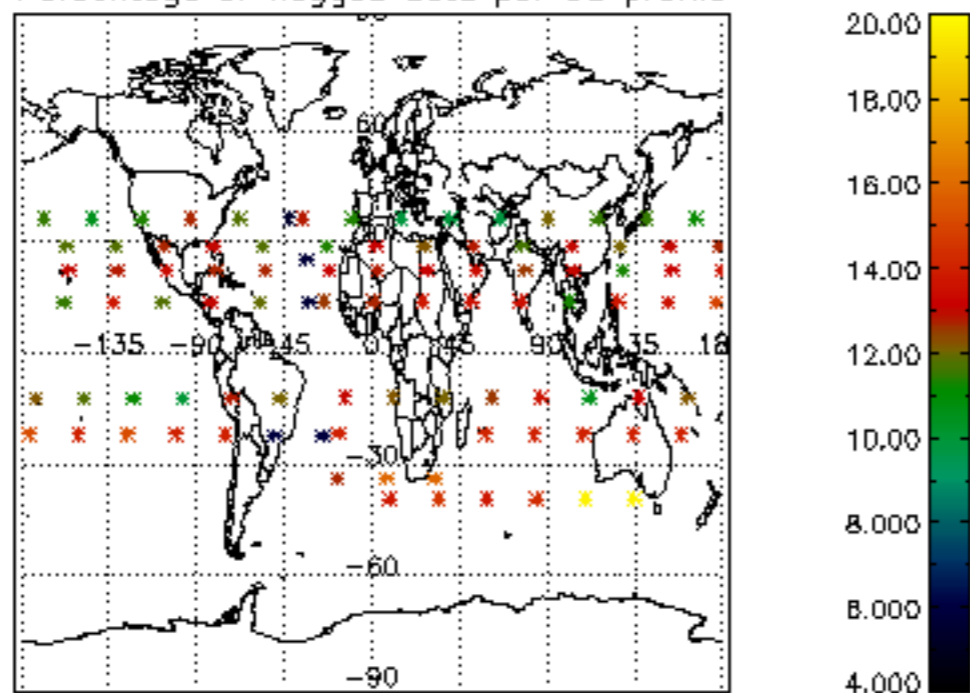
6. Auxiliary Data Files used for the production reported in section 2

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.

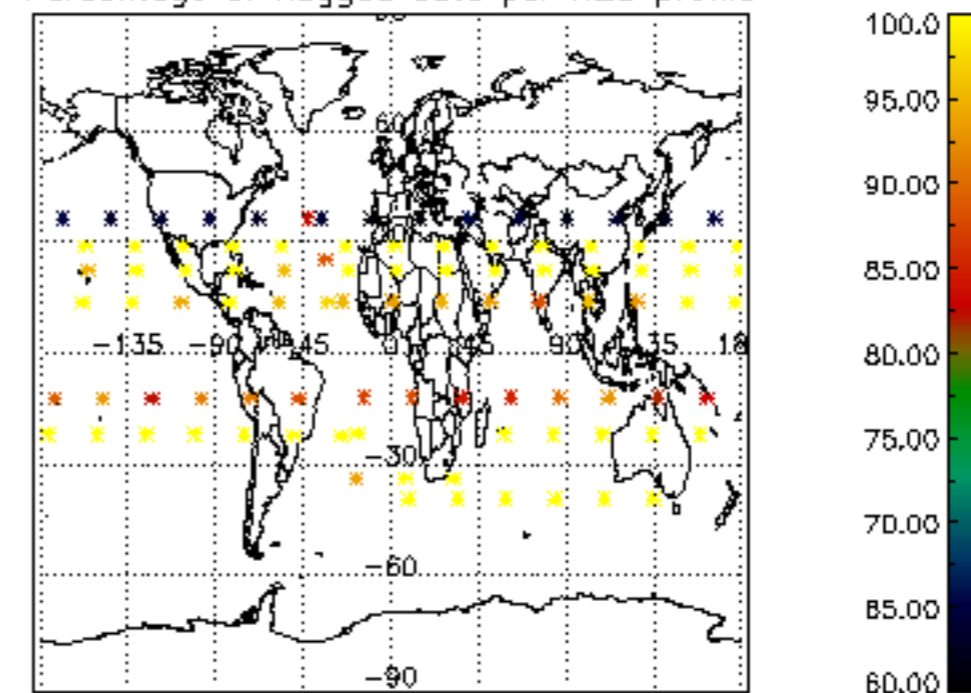
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	20-JAN-2008 00:02:50
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	20-JAN-2008 00:02:50
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	20-JAN-2008 00:02:50



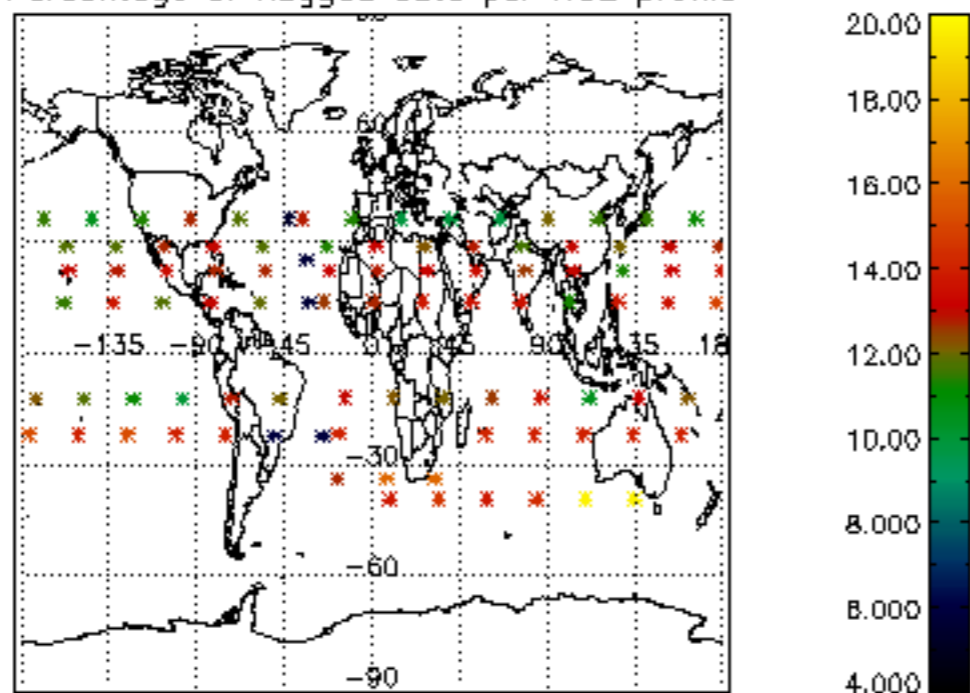
Percentage of flagged data per D3 profile



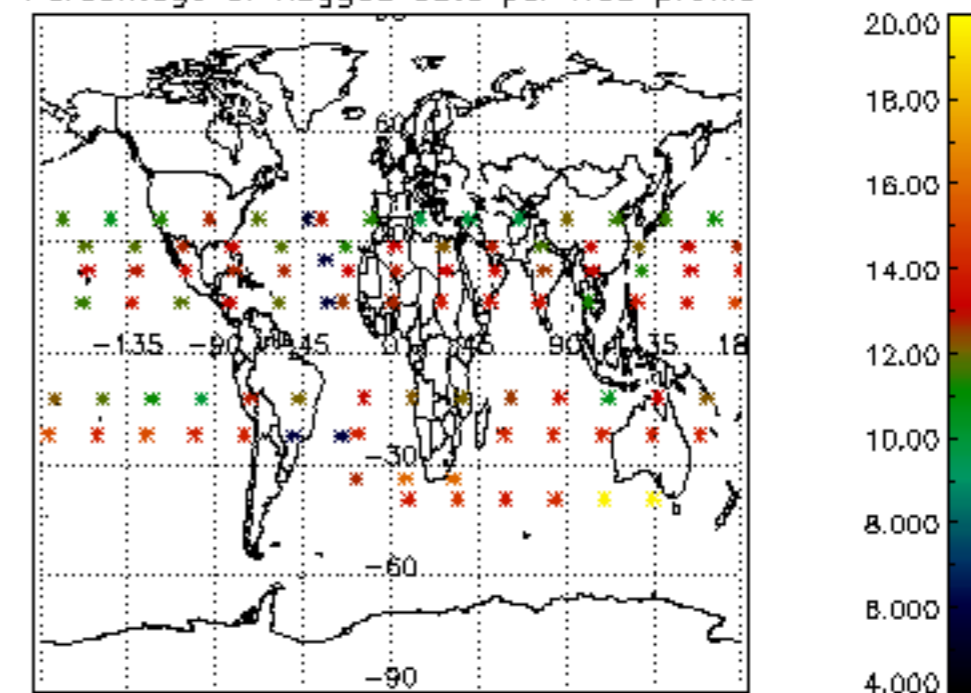
Percentage of flagged data per H2O profile

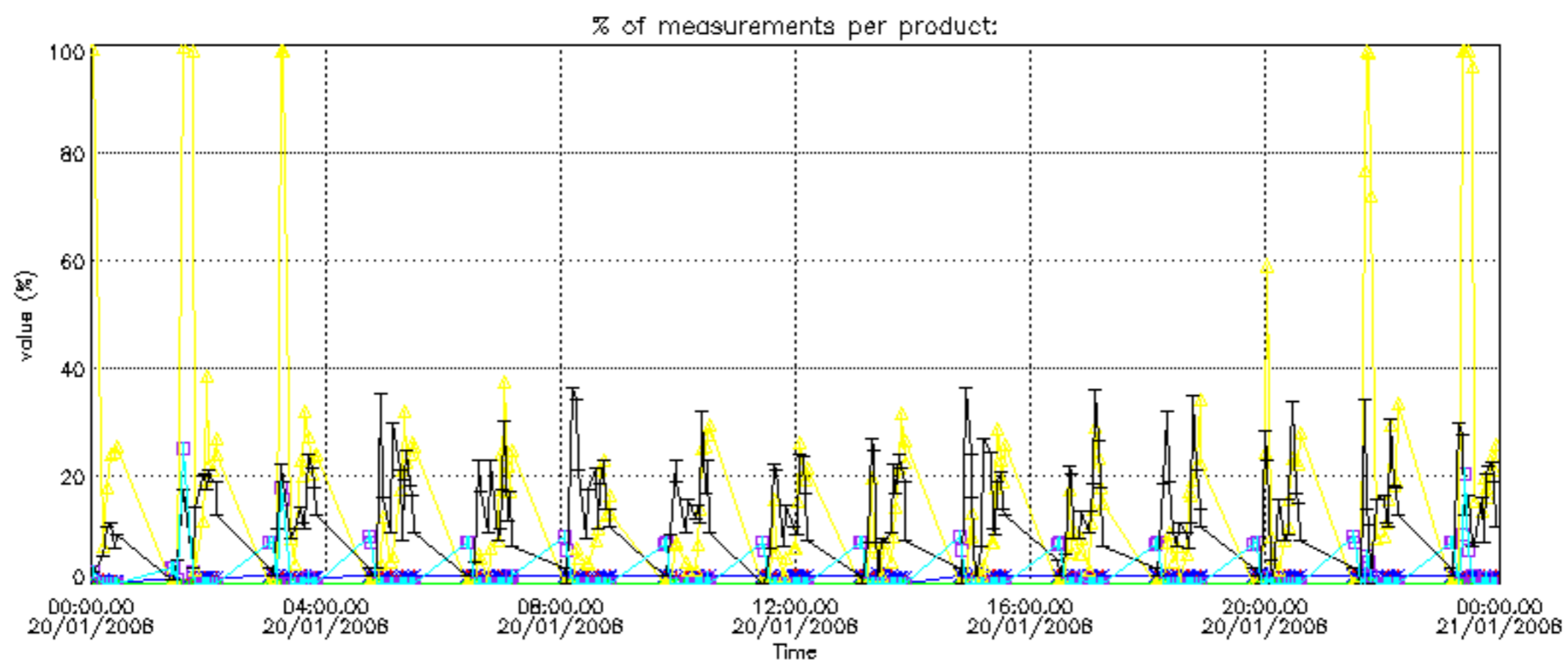
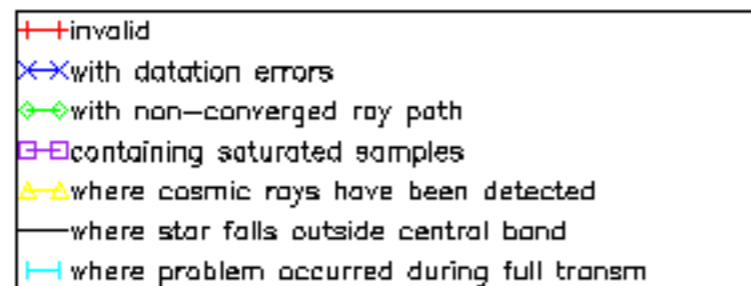


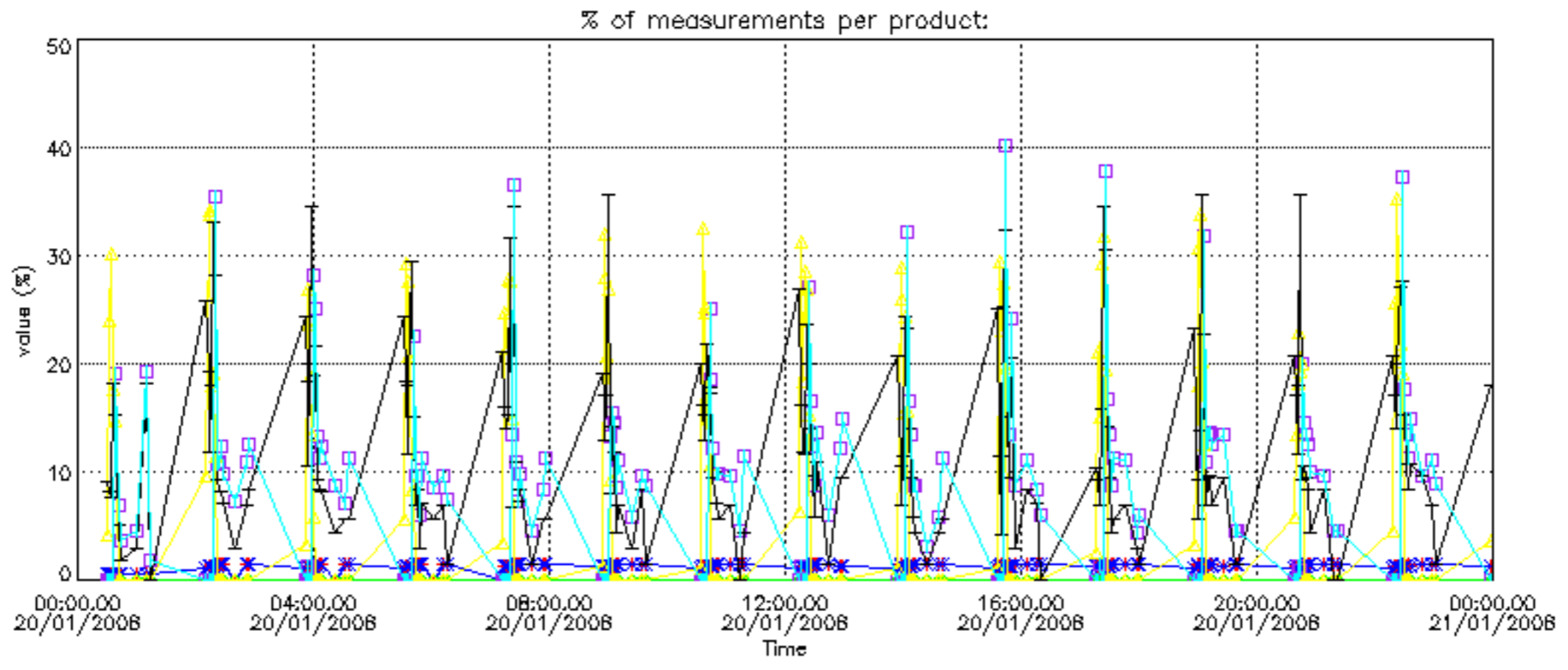
Percentage of flagged data per NO2 profile



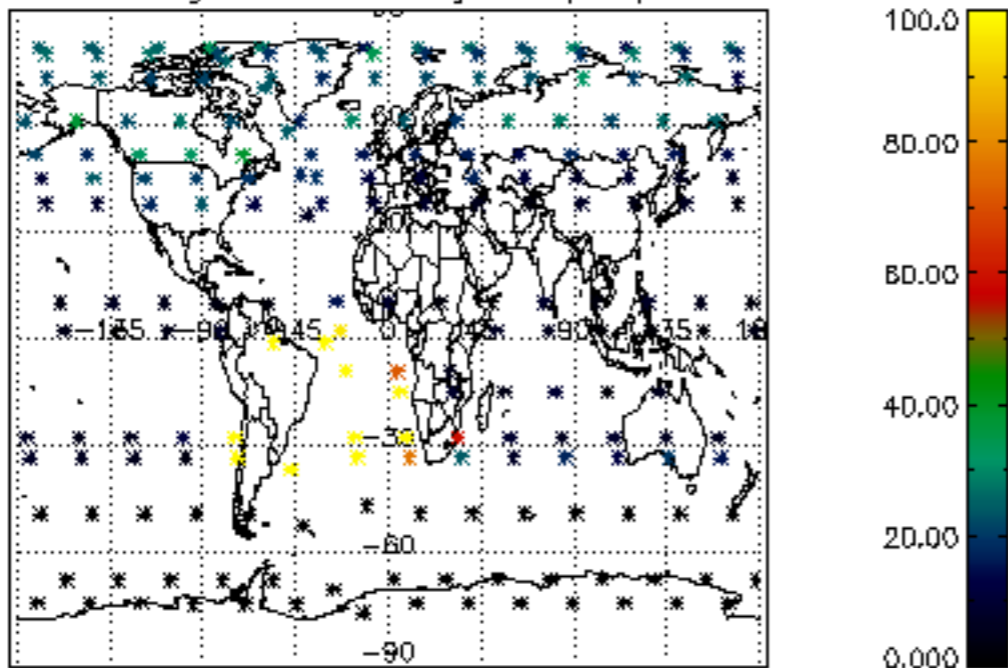
Percentage of flagged data per NO3 profile



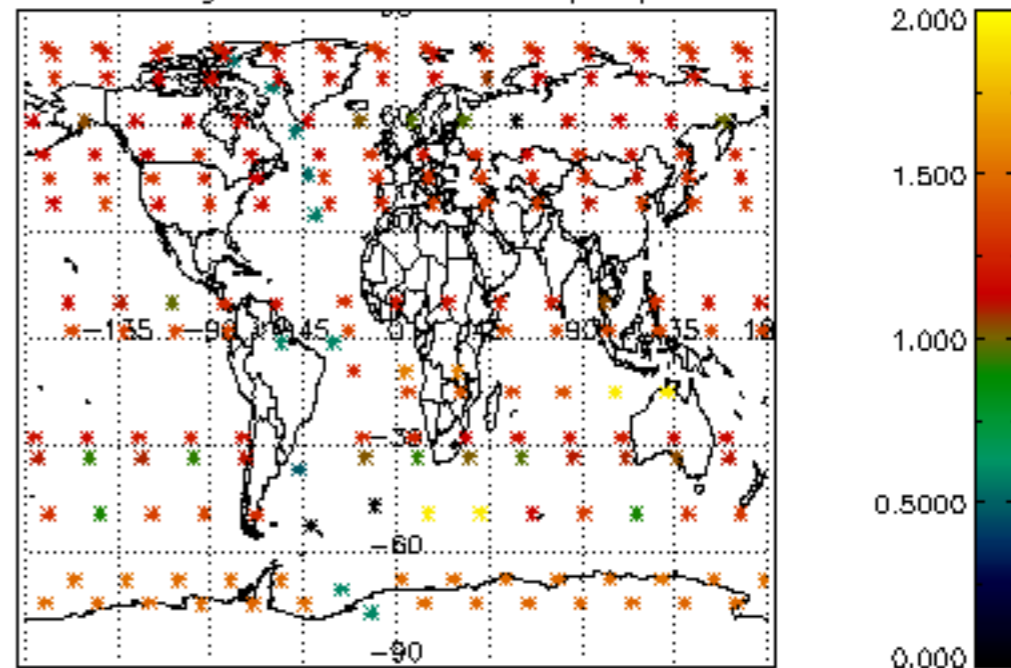




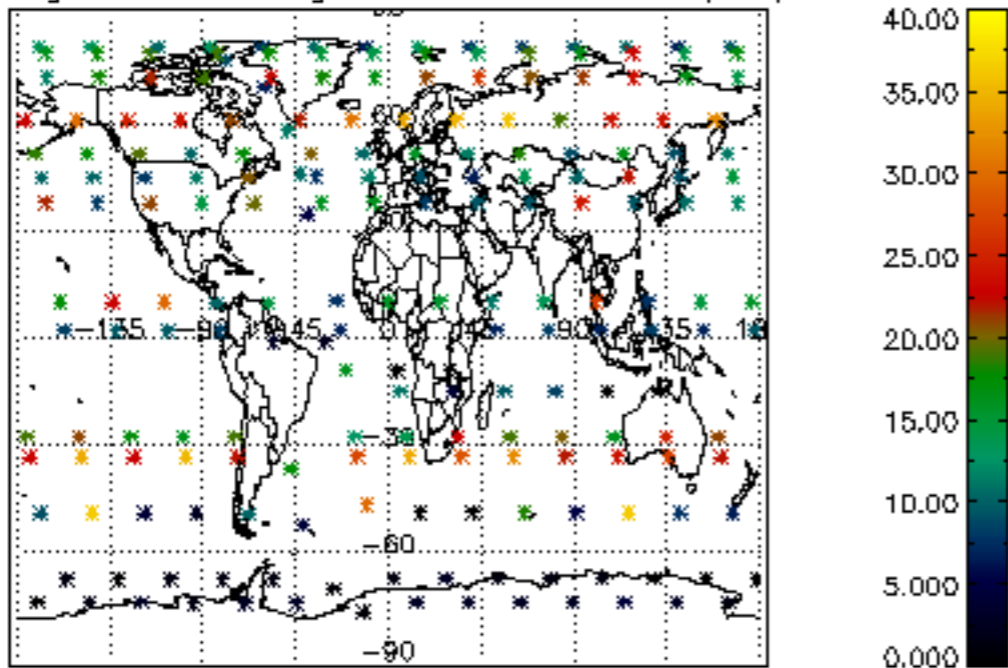
Percentage of cosmic ray hits per profile



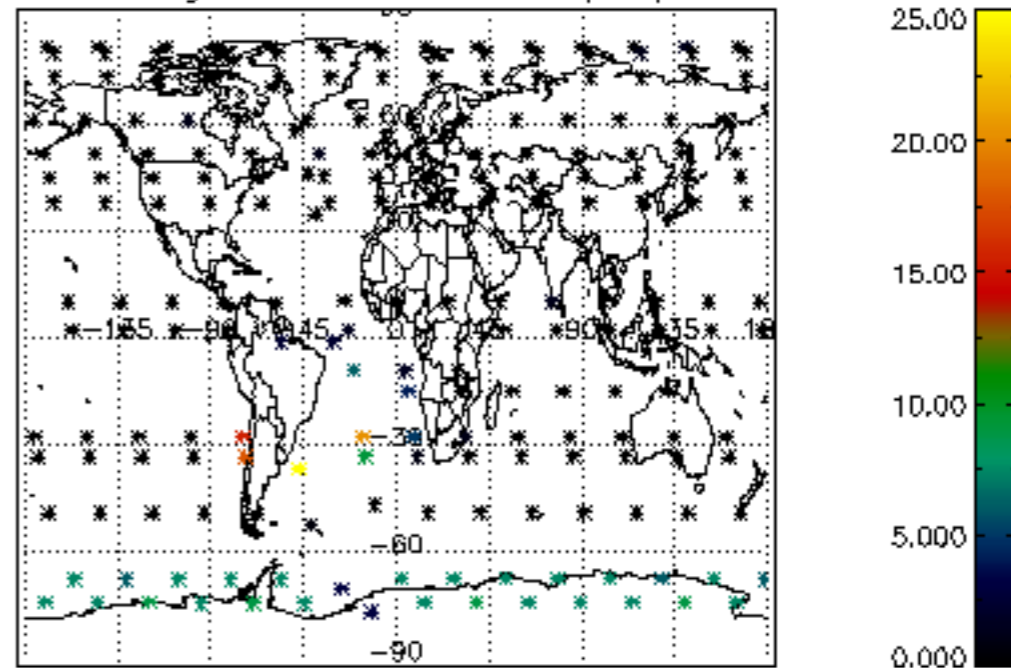
Percentage of datation errors per profile



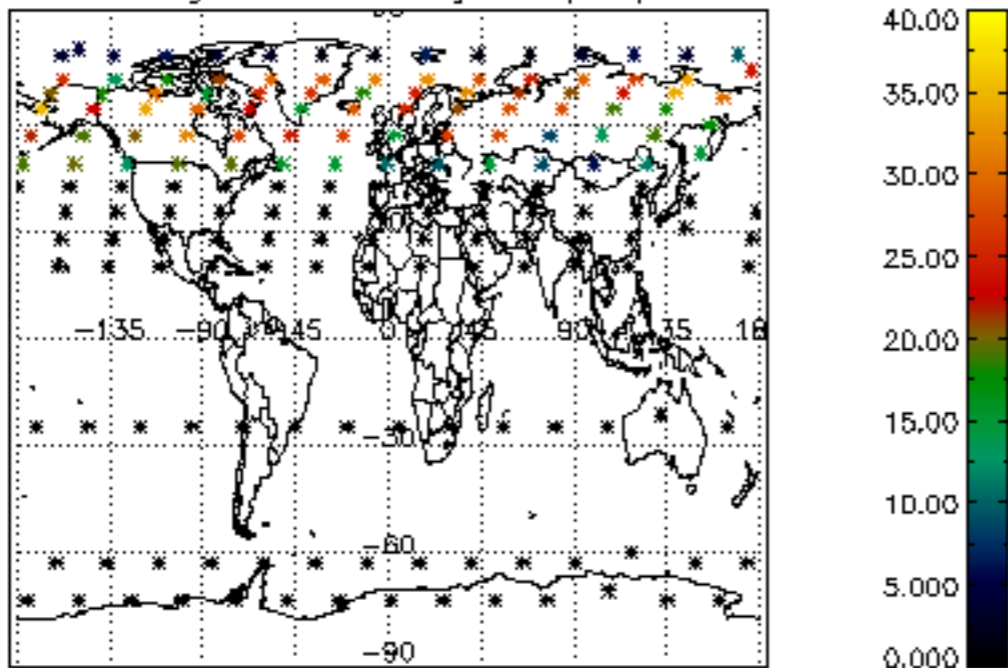
Percentage of star falling outside central band per profile



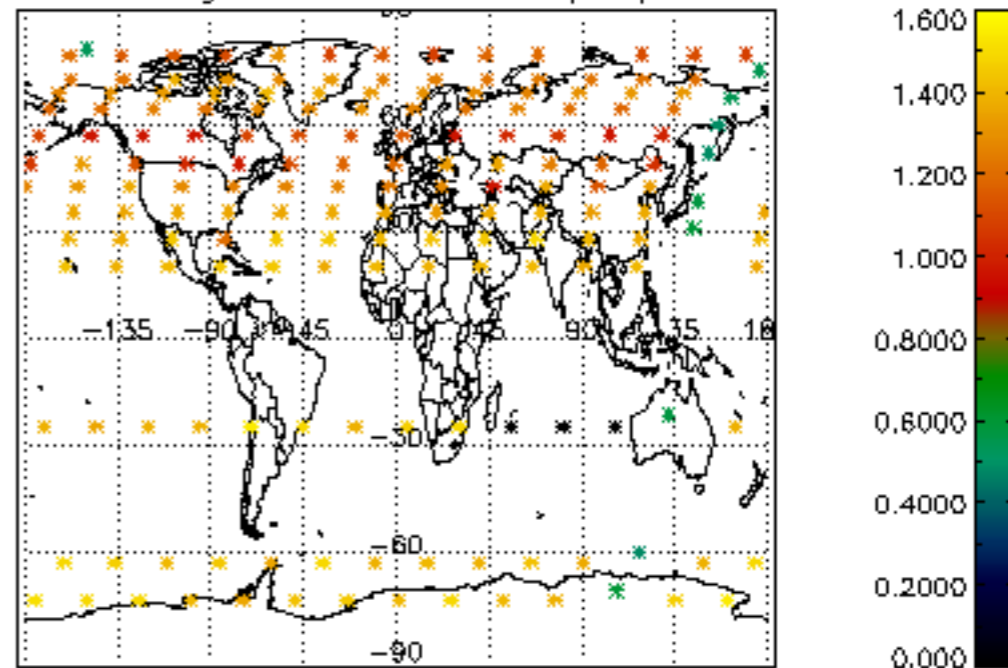
Percentage of saturation errors per profile



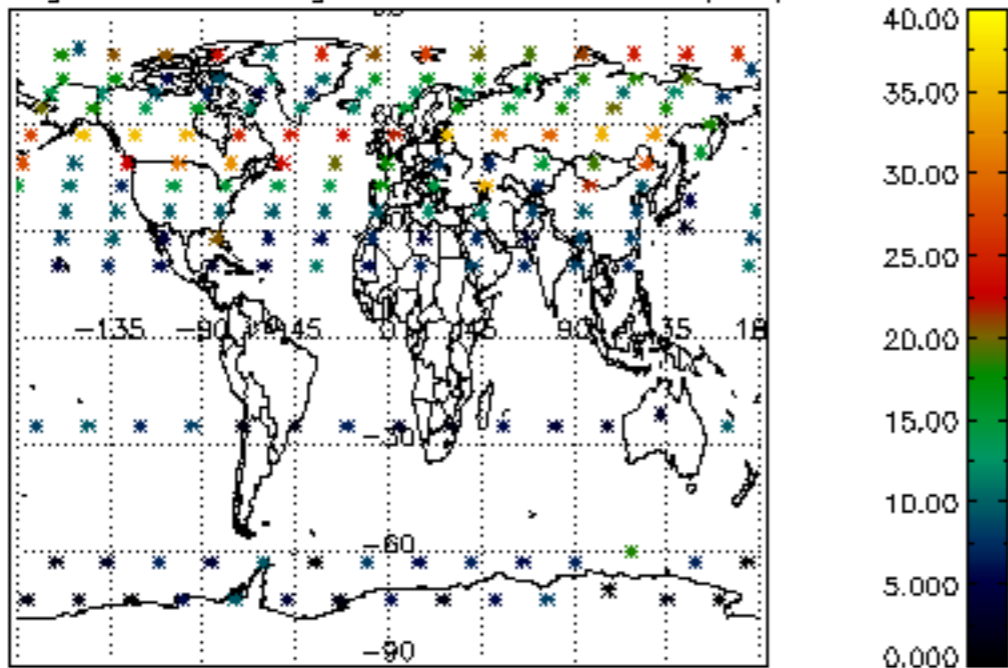
Percentage of cosmic ray hits per profile



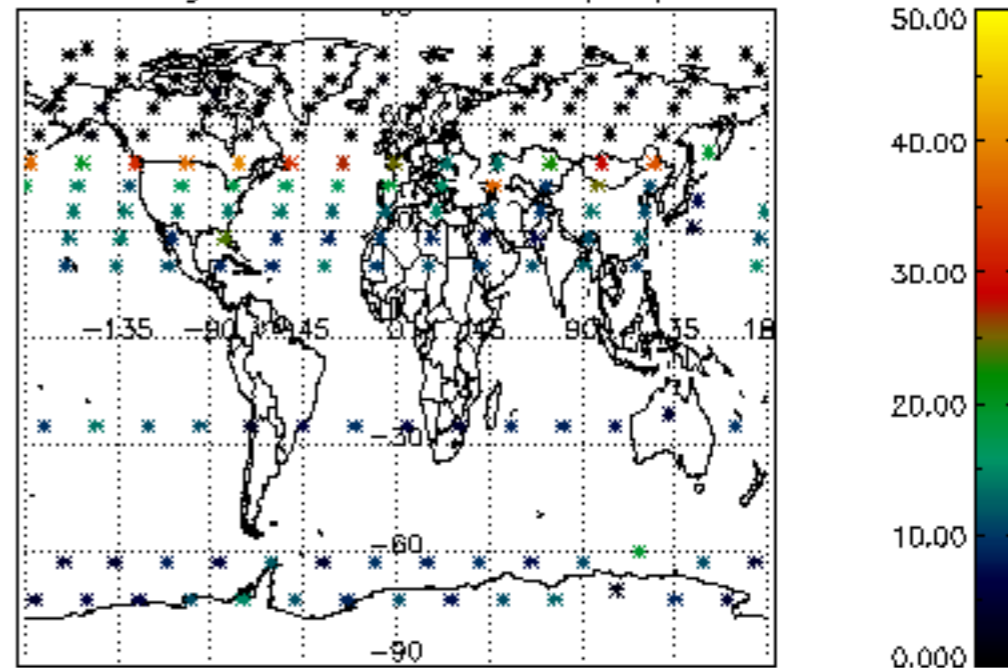
Percentage of datation errors per profile

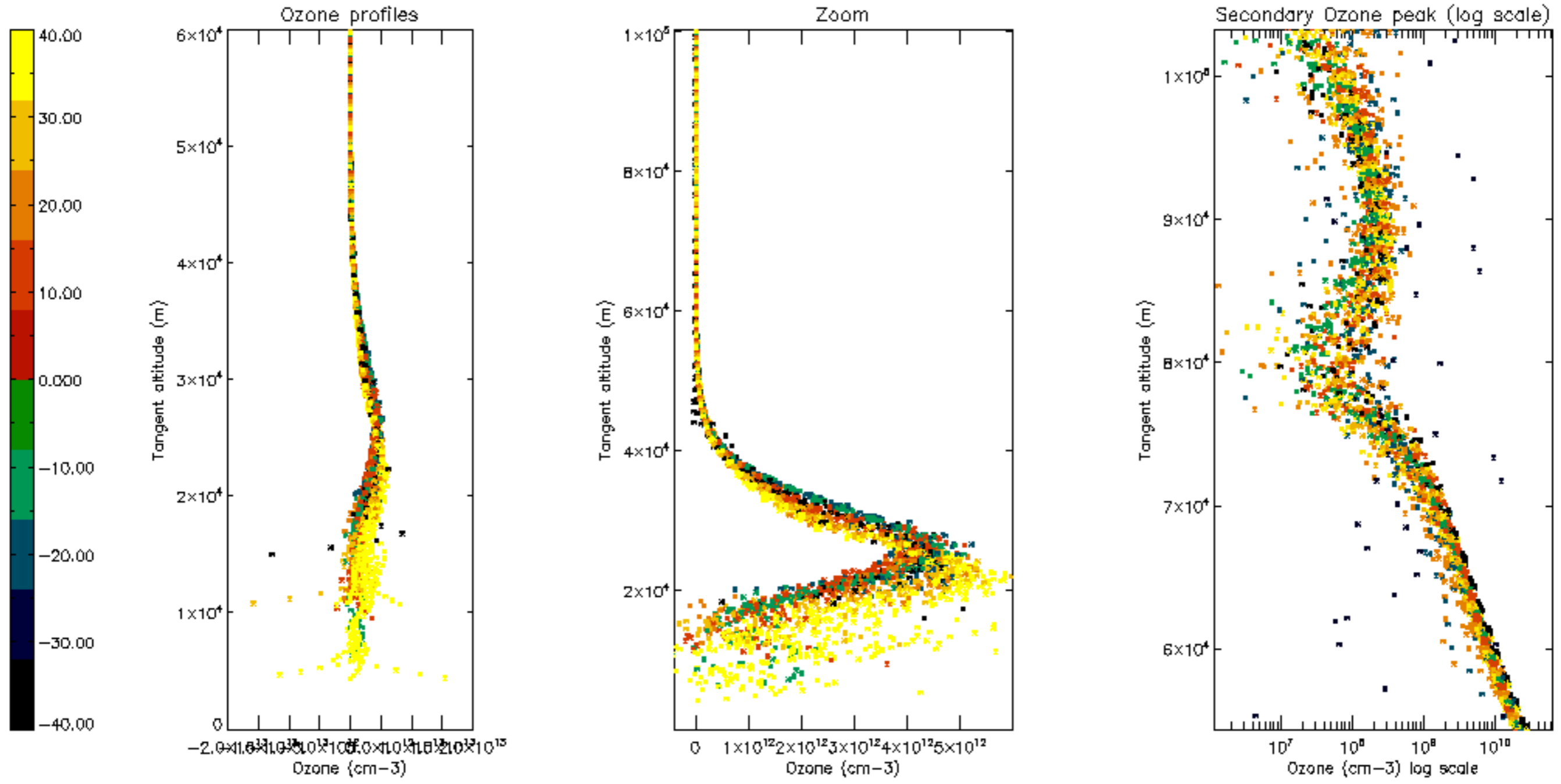


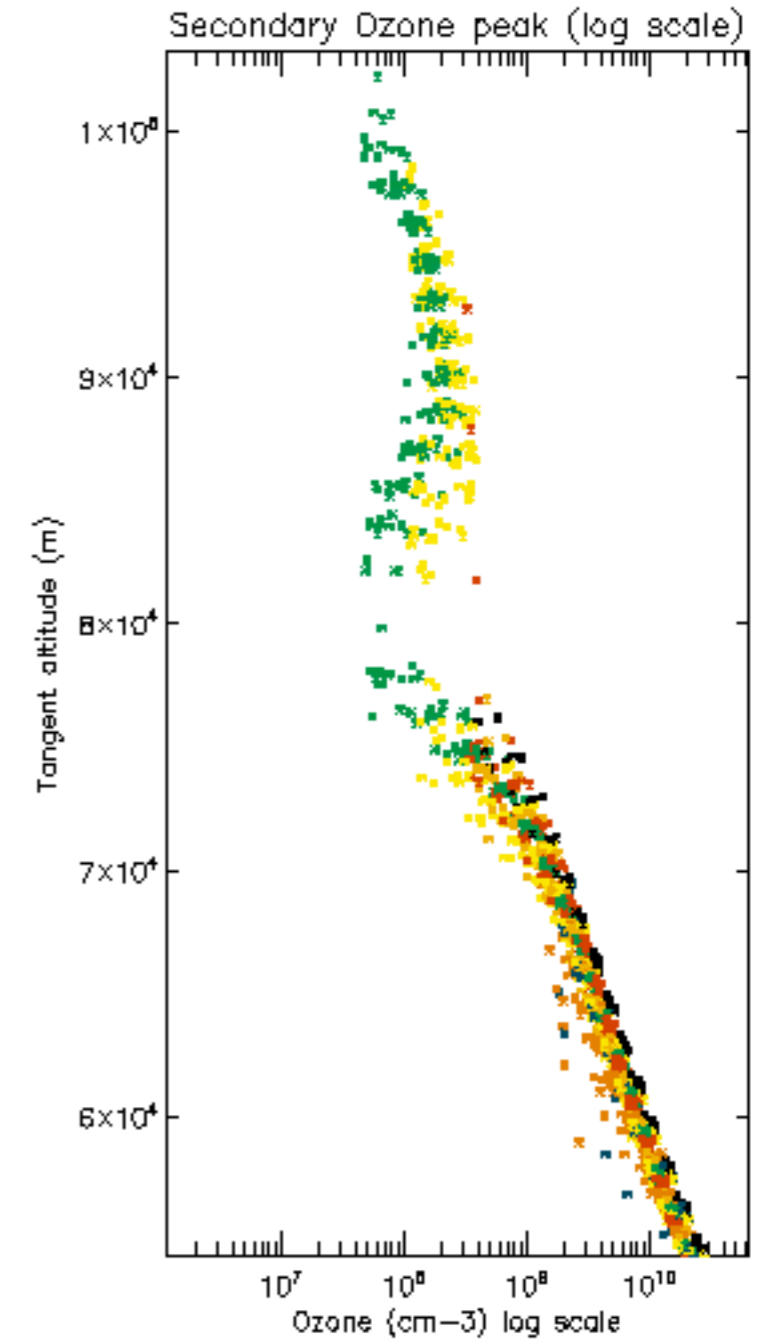
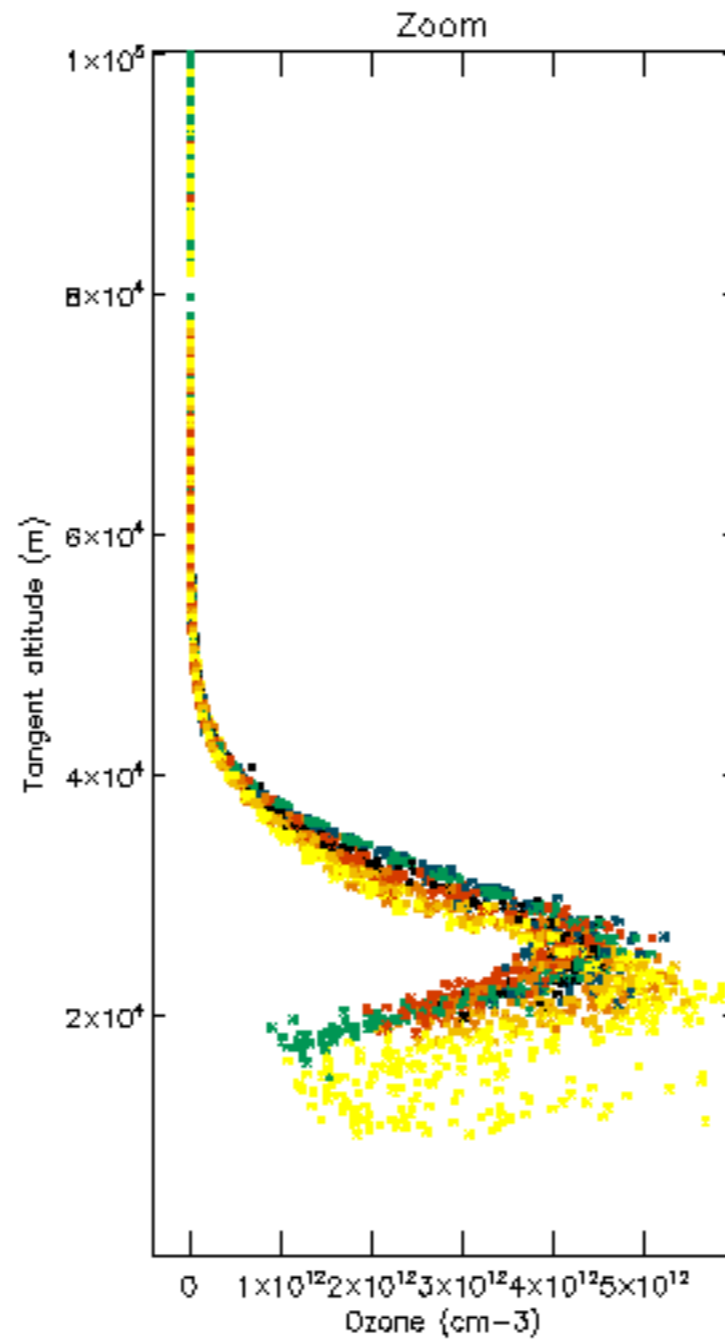
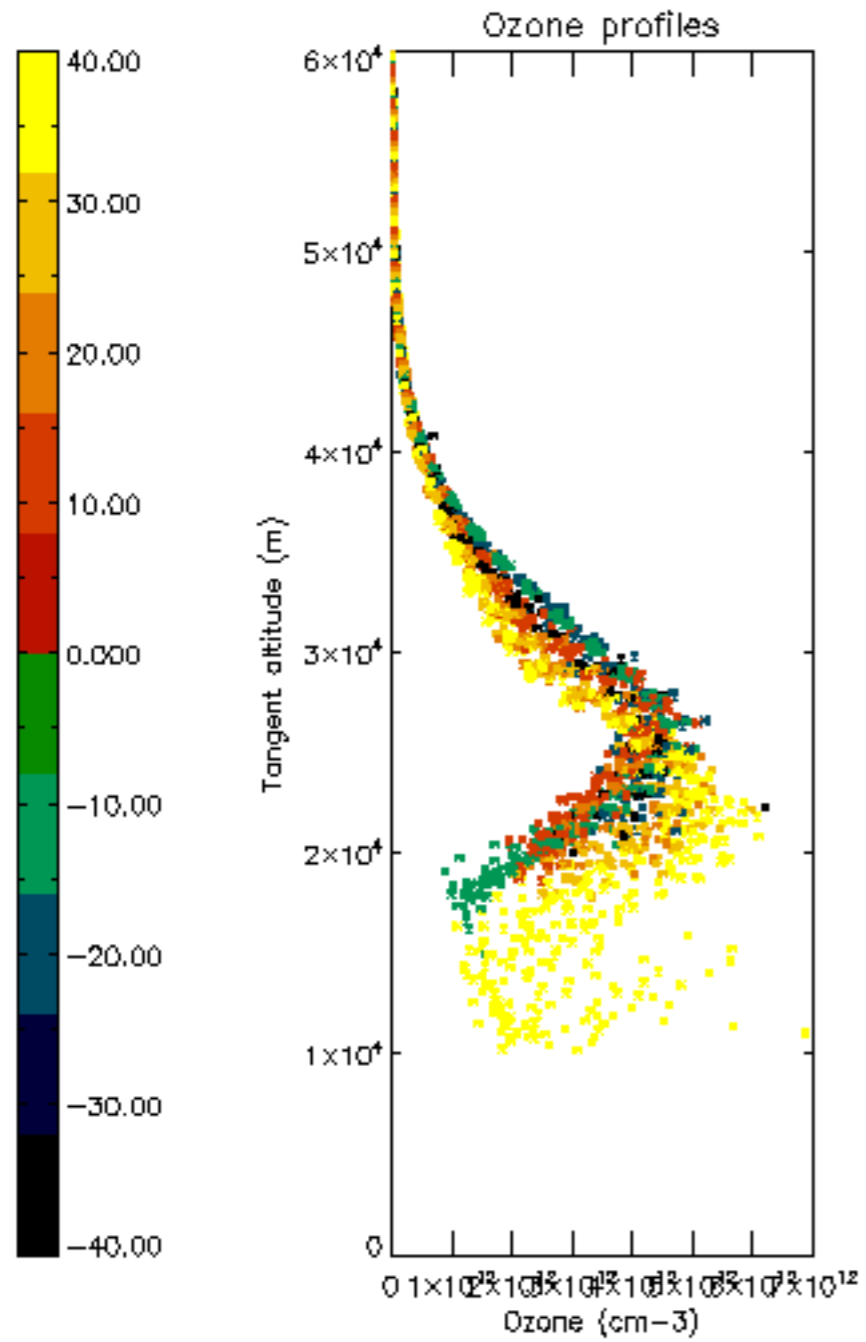
Percentage of star falling outside central band per profile

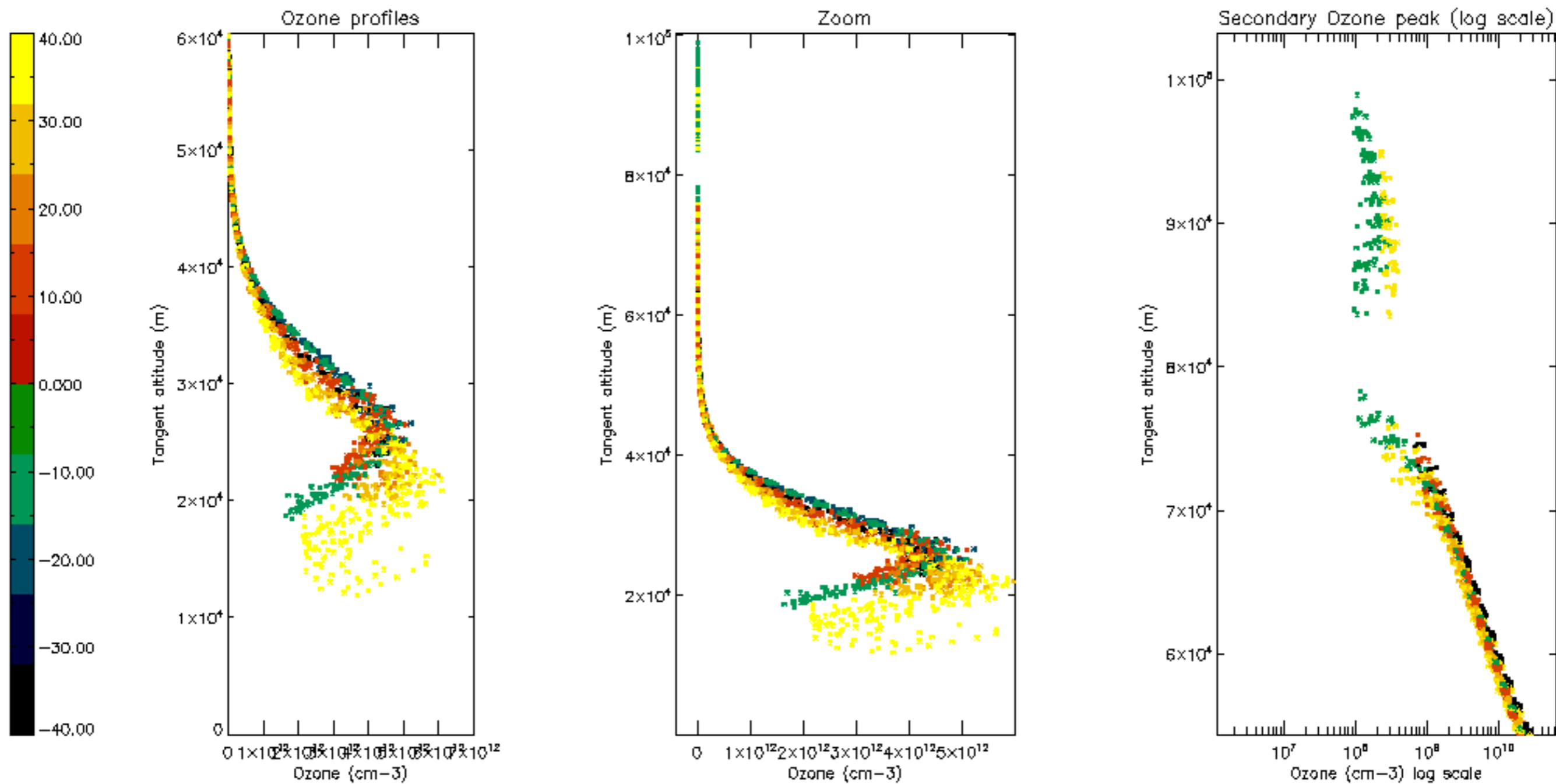


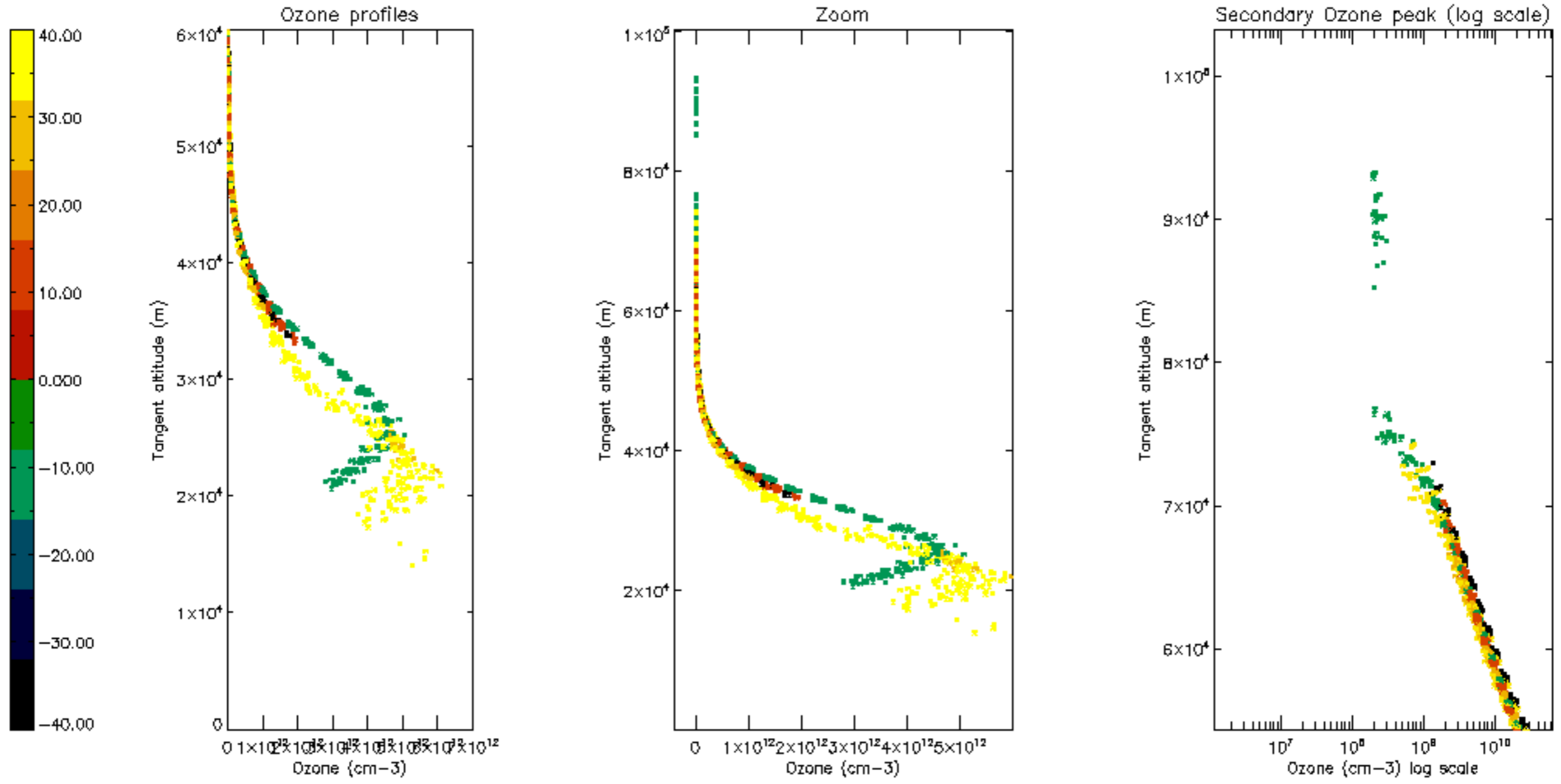
Percentage of saturation errors per profile

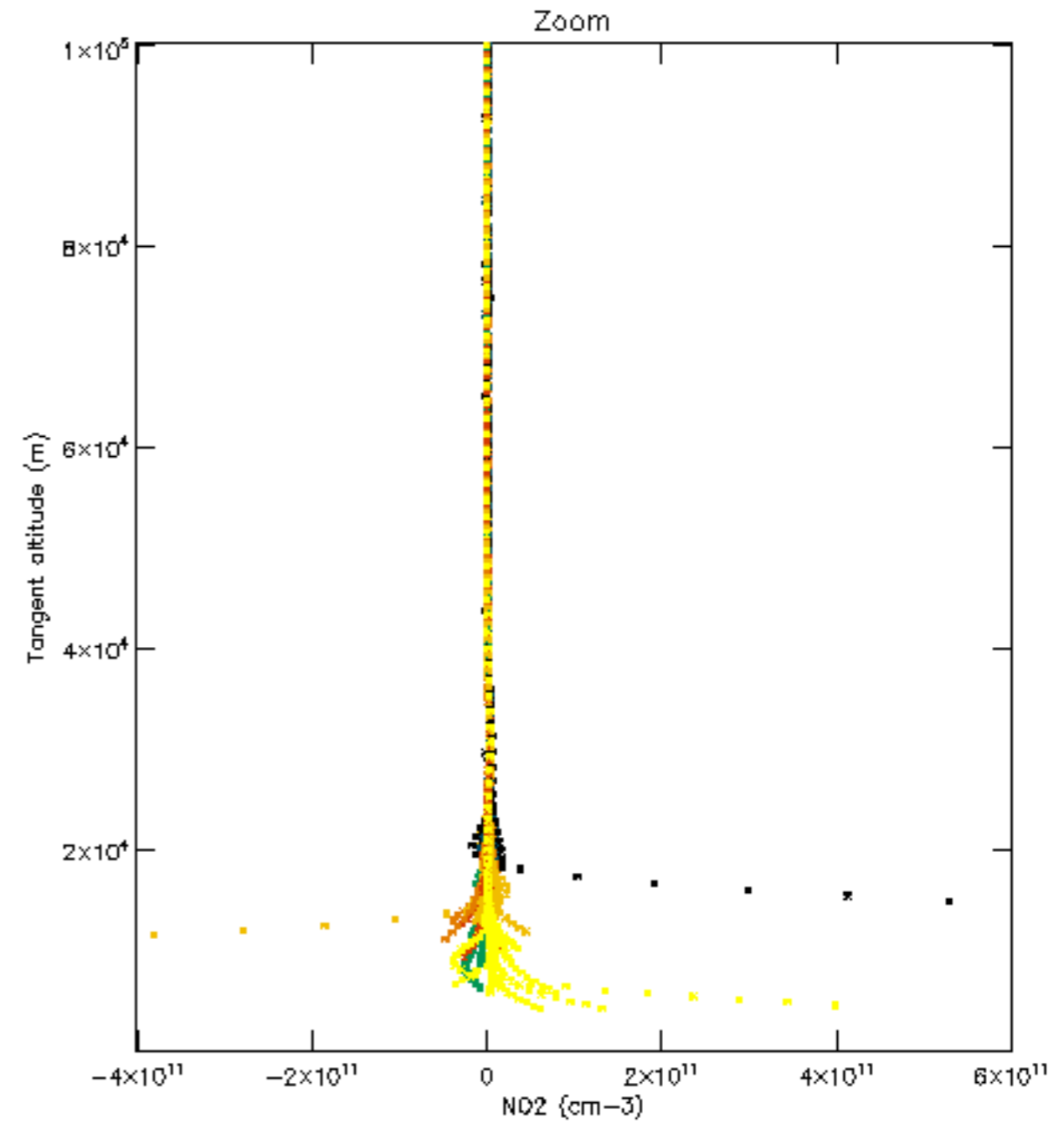
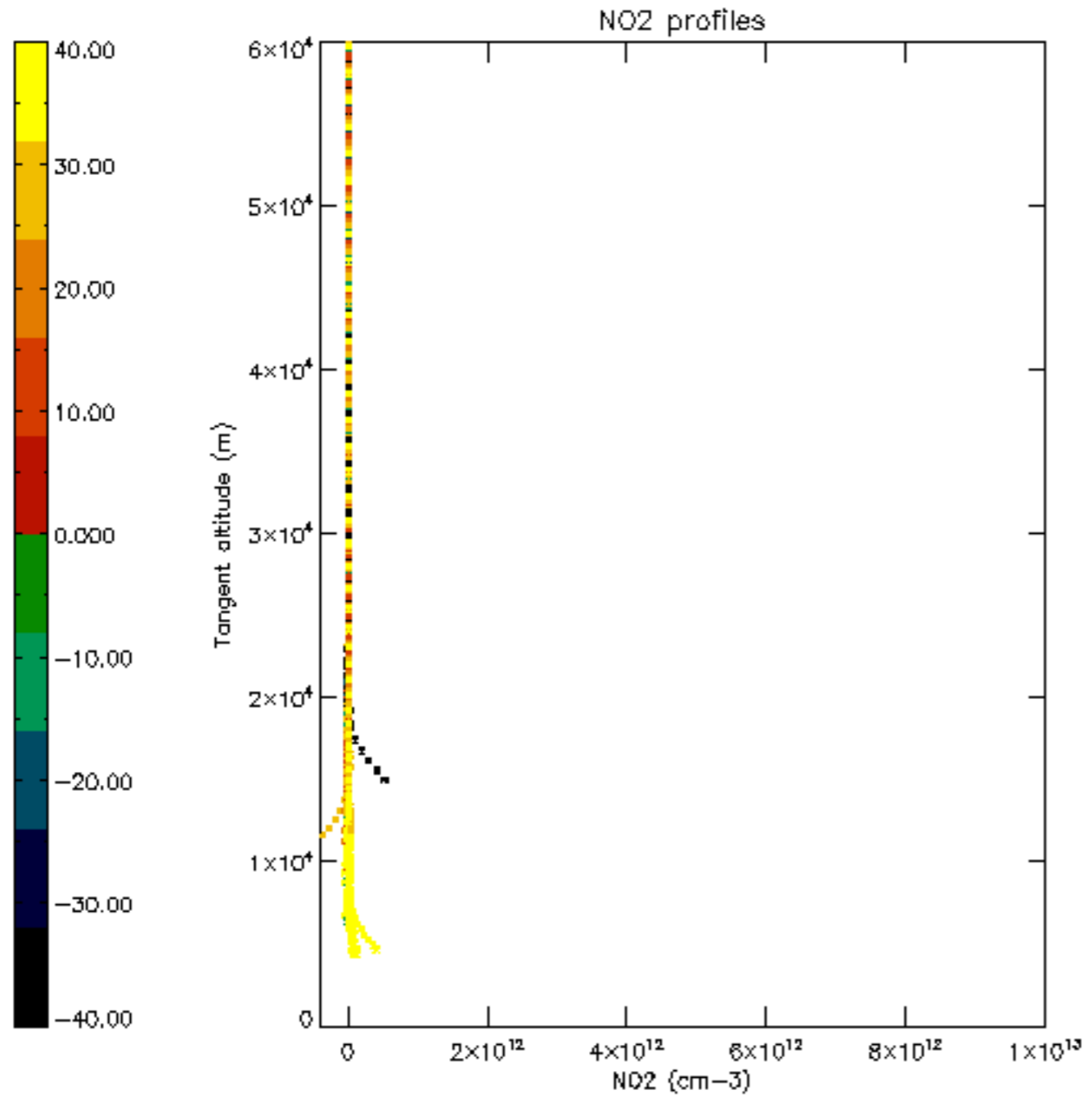


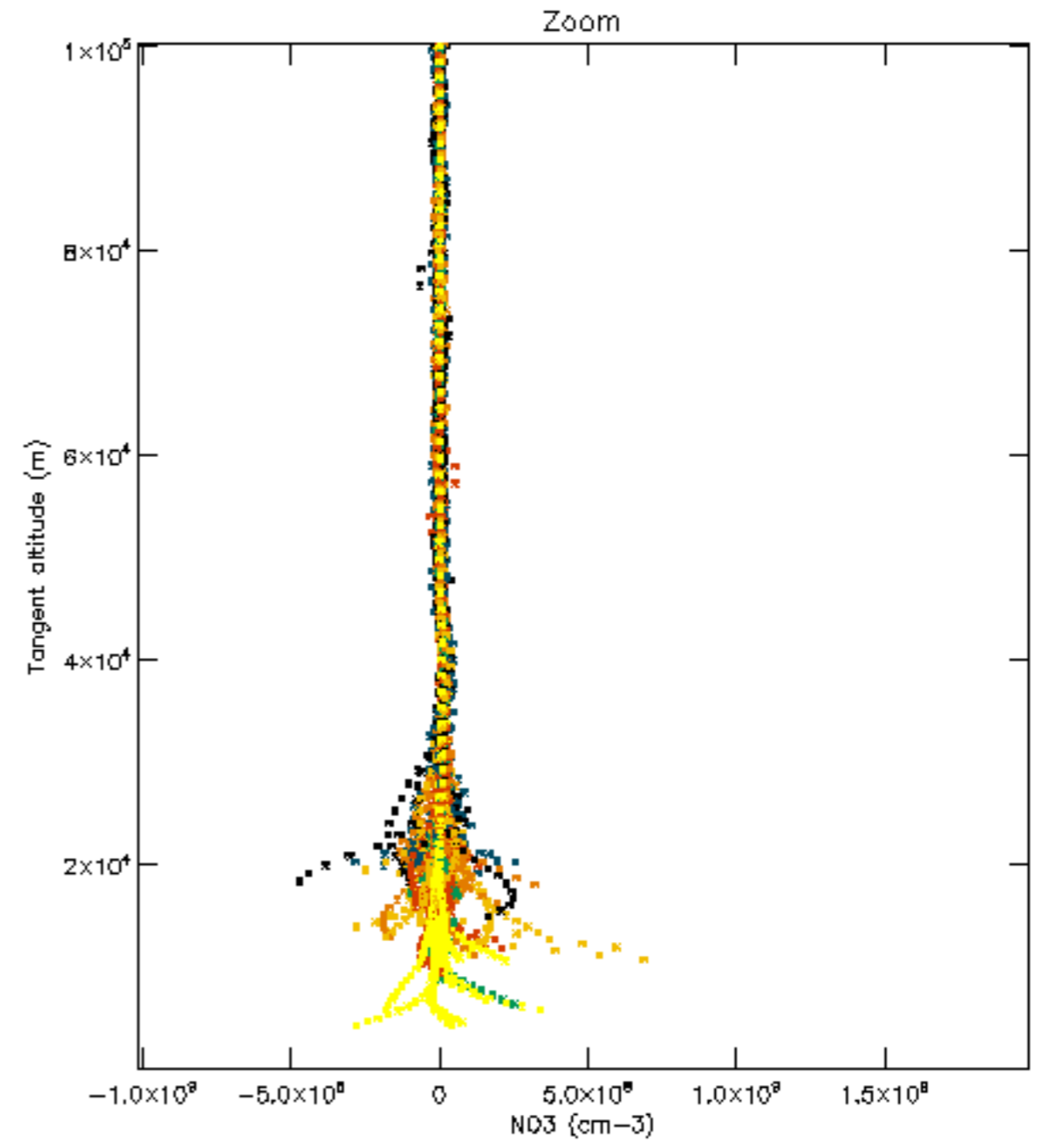
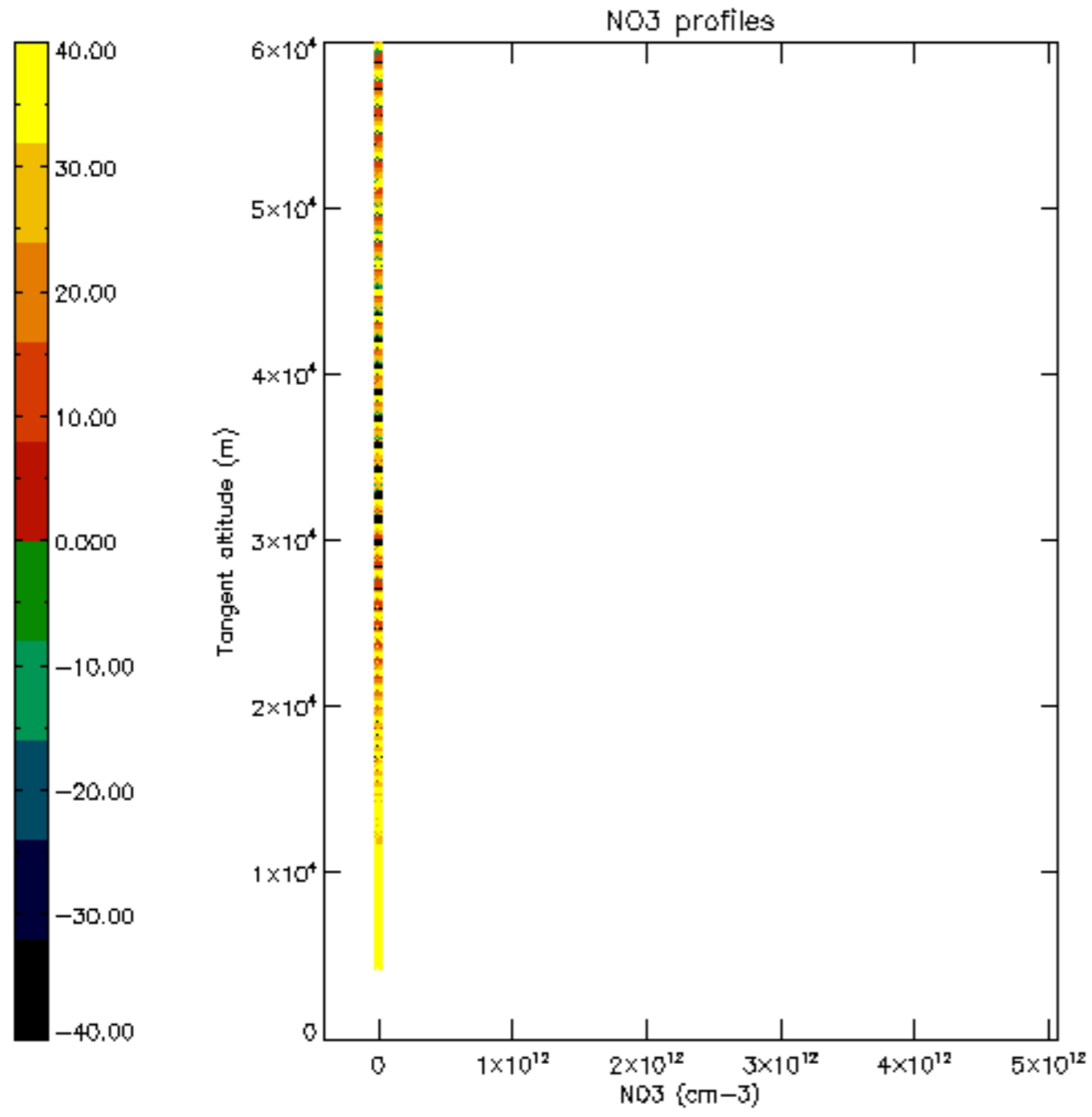


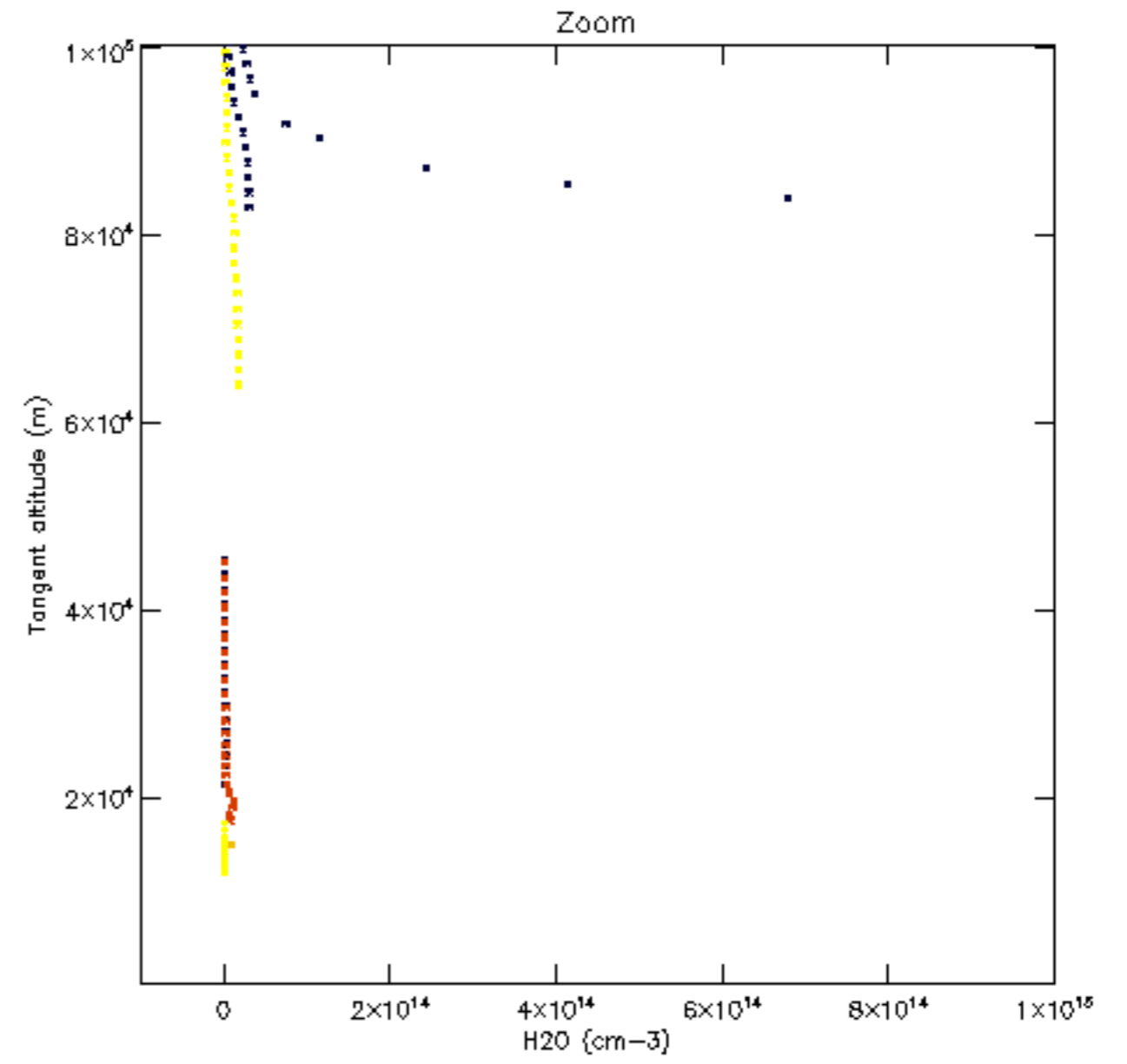
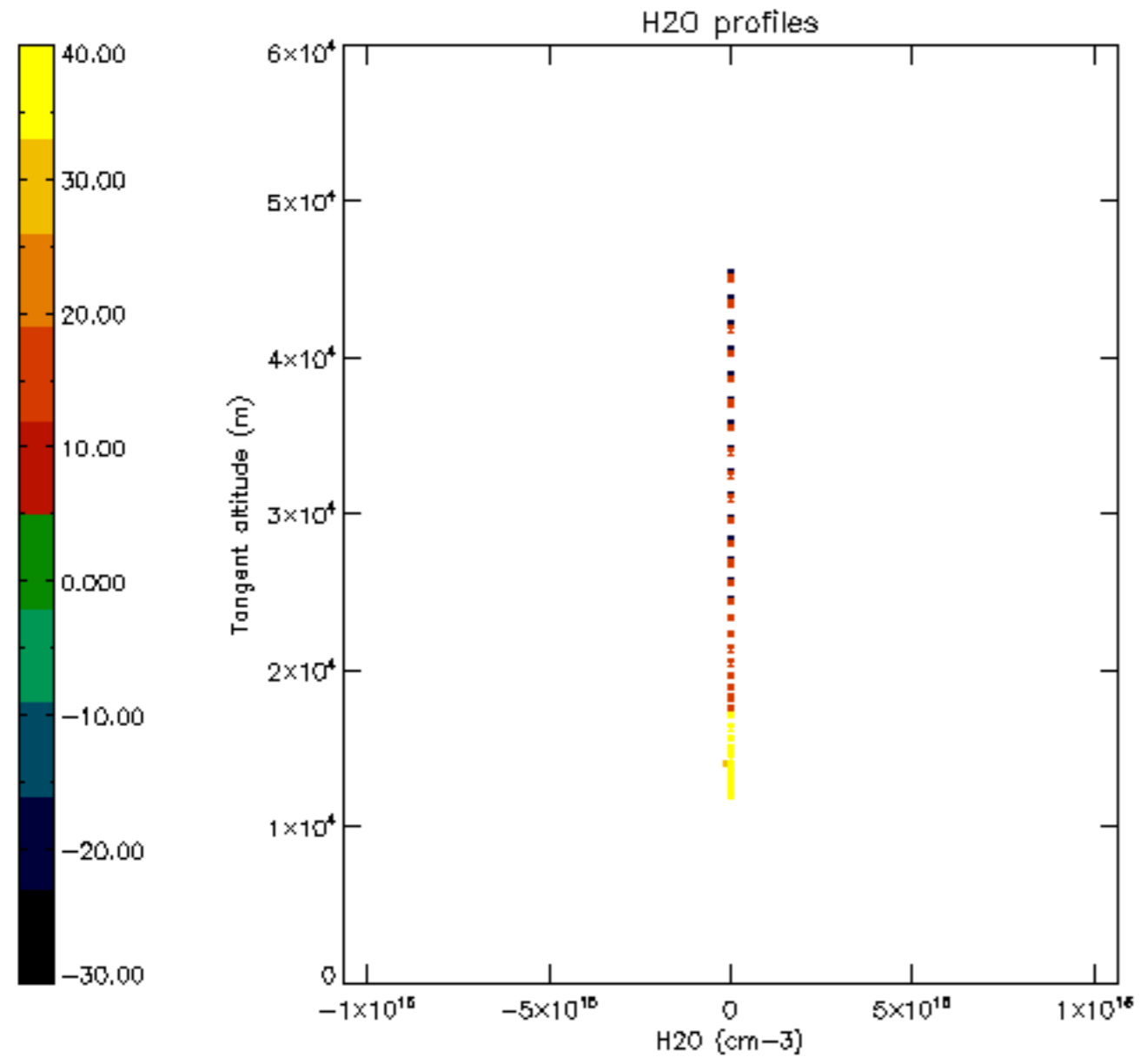


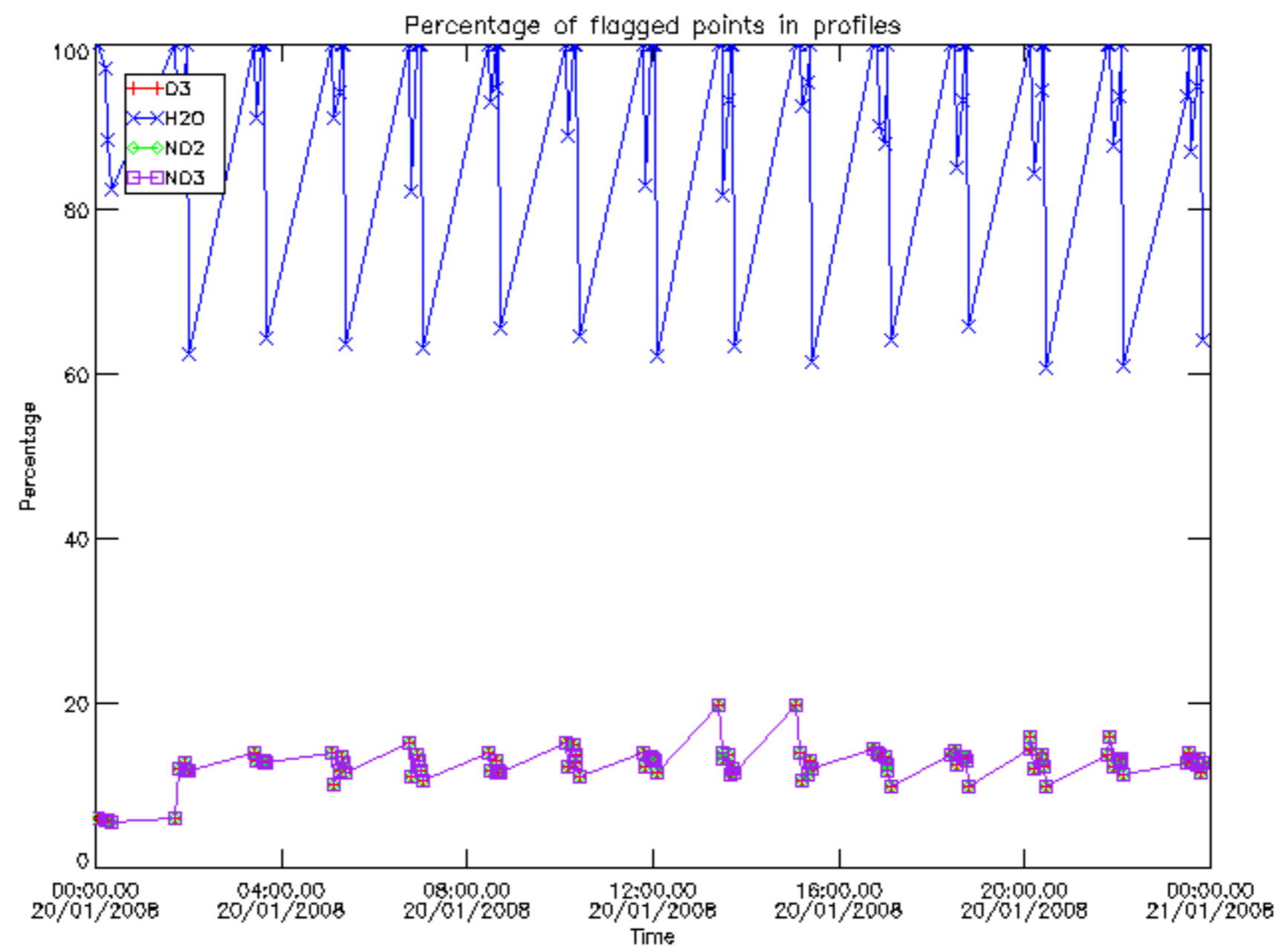




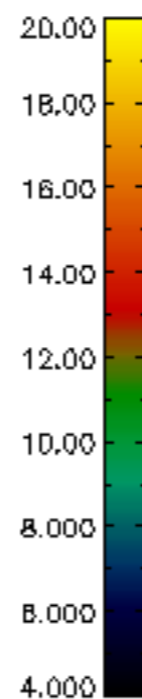
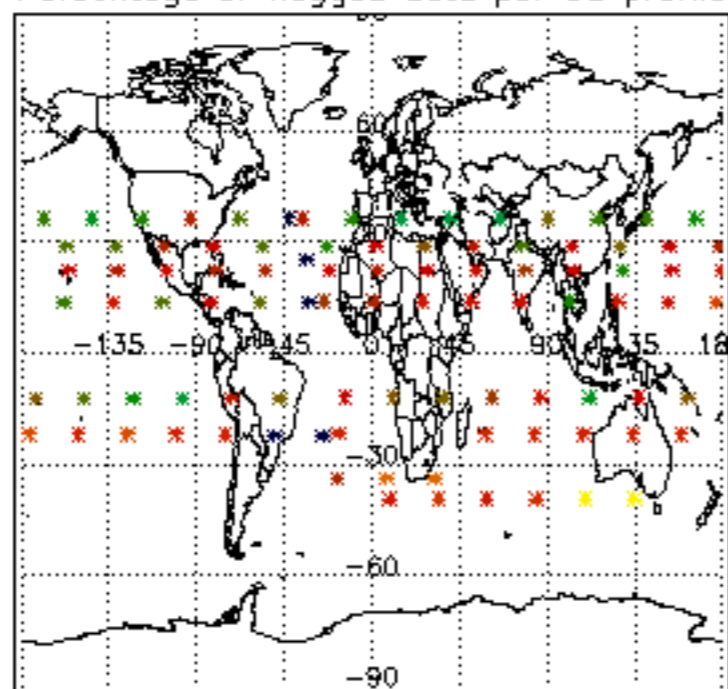




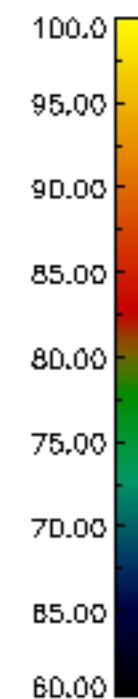
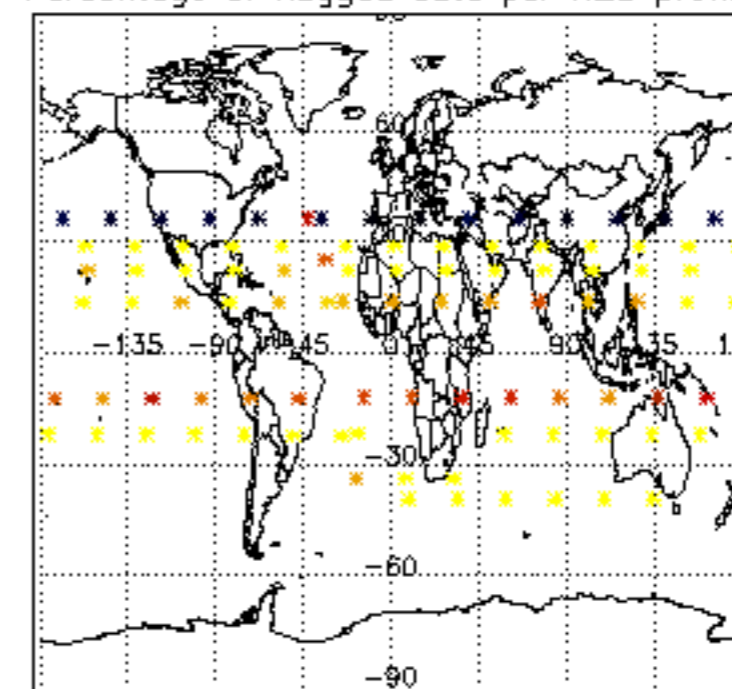




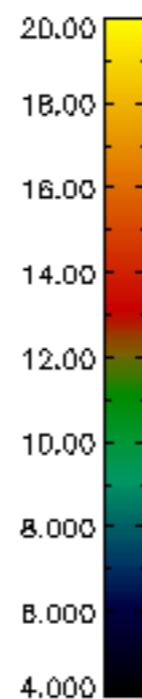
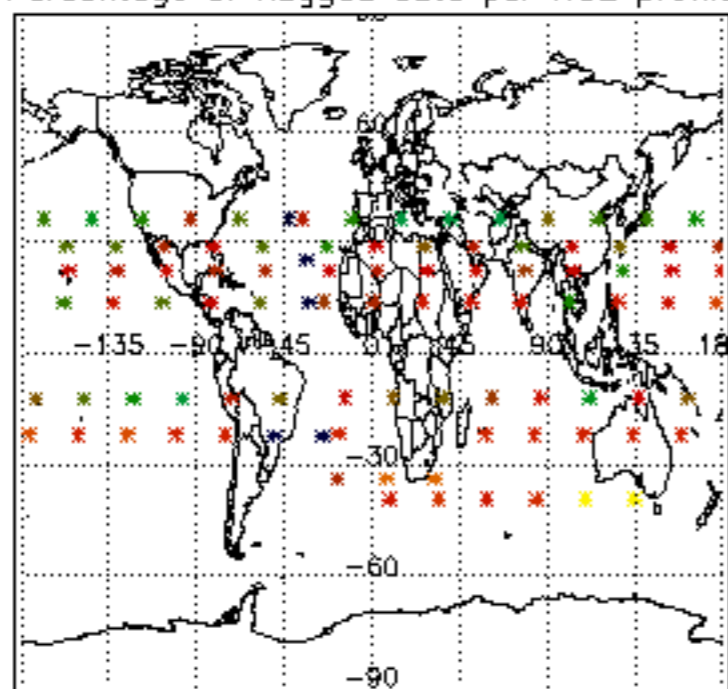
Percentage of flagged data per D3 profile



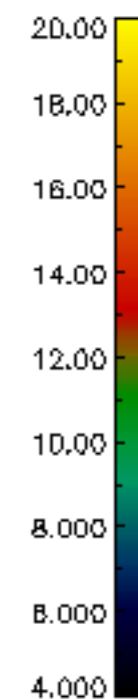
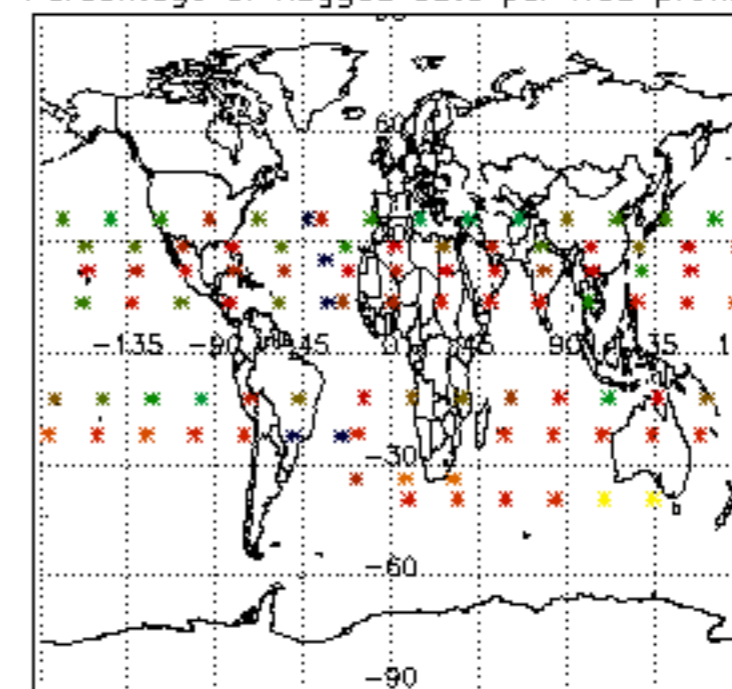
Percentage of flagged data per H2O profile

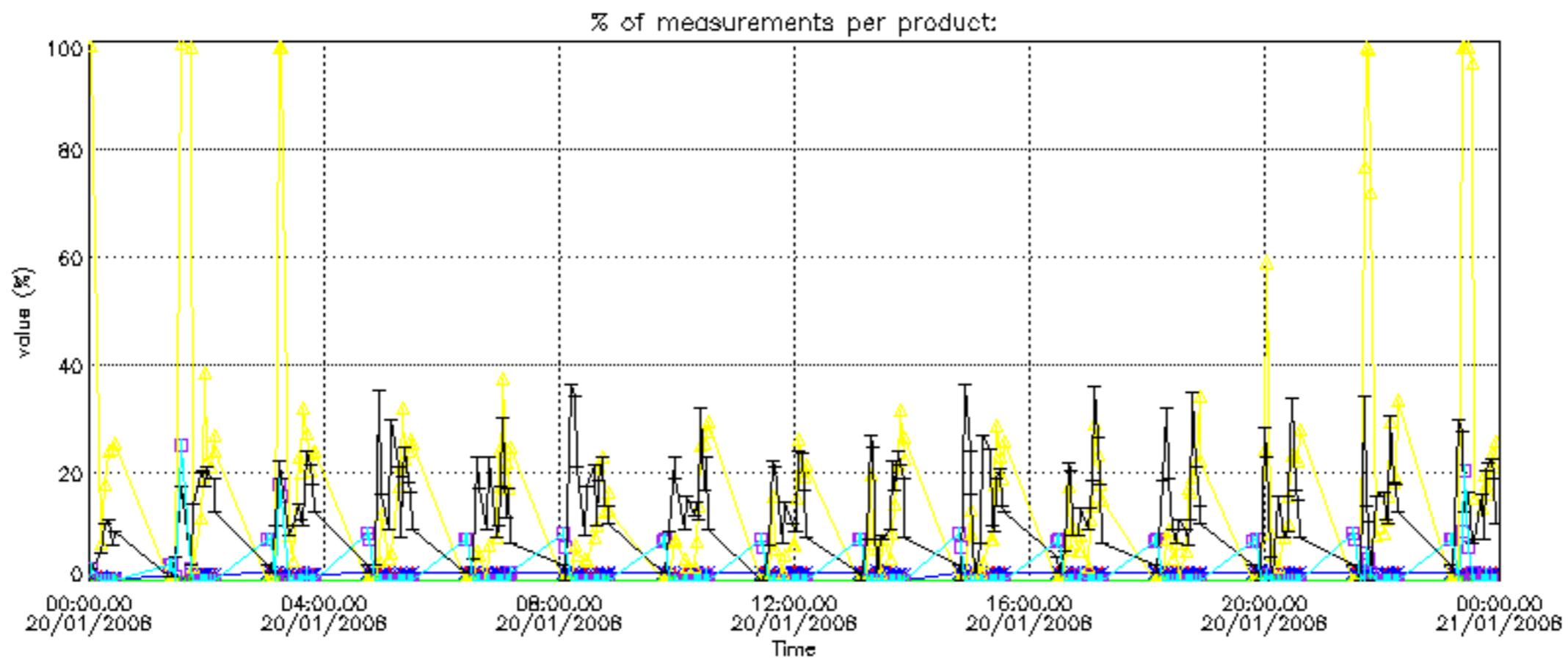


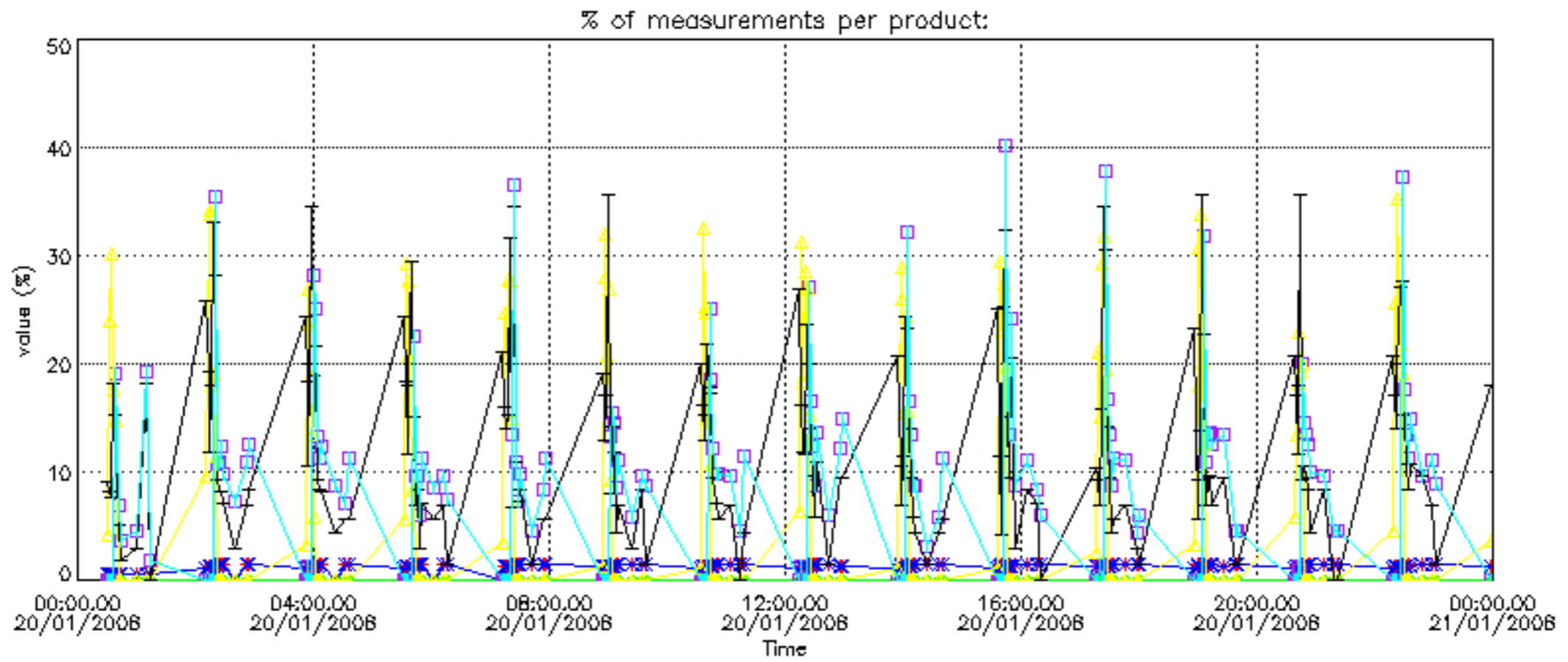
Percentage of flagged data per NO2 profile



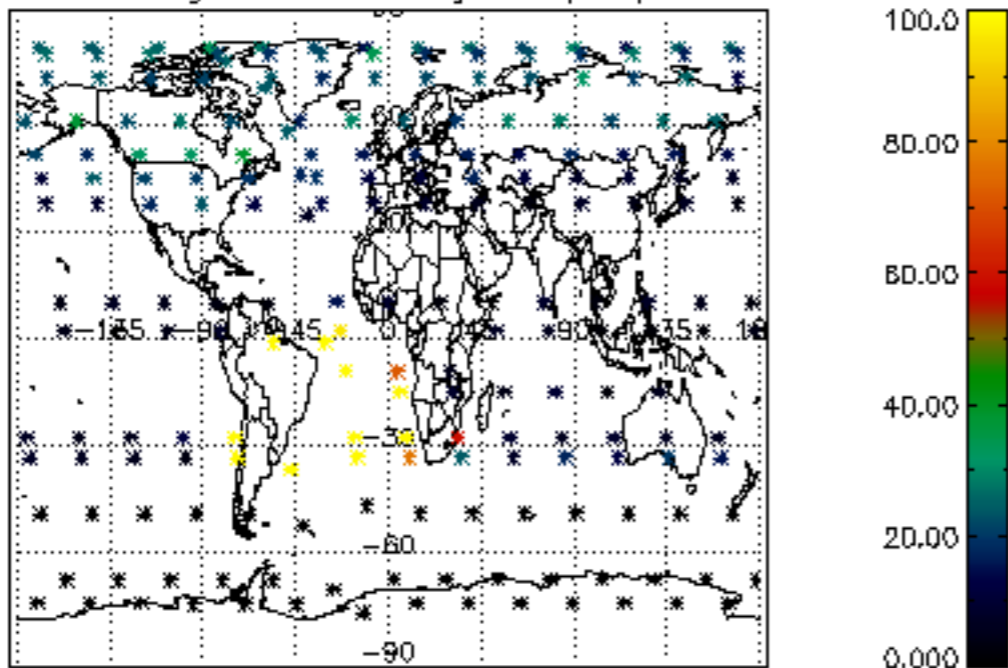
Percentage of flagged data per NO3 profile



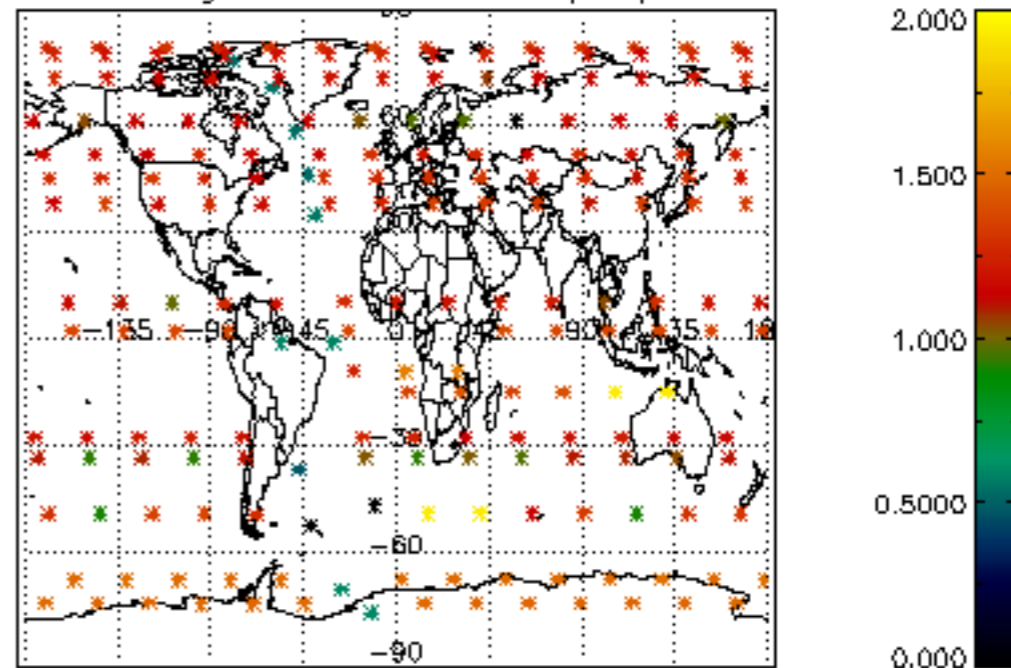




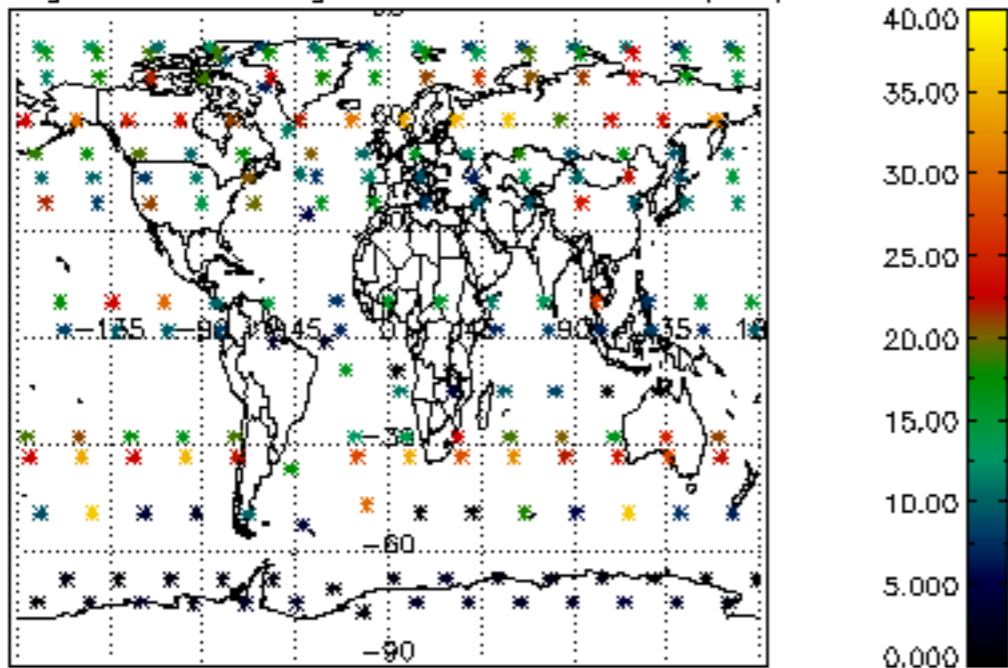
Percentage of cosmic ray hits per profile



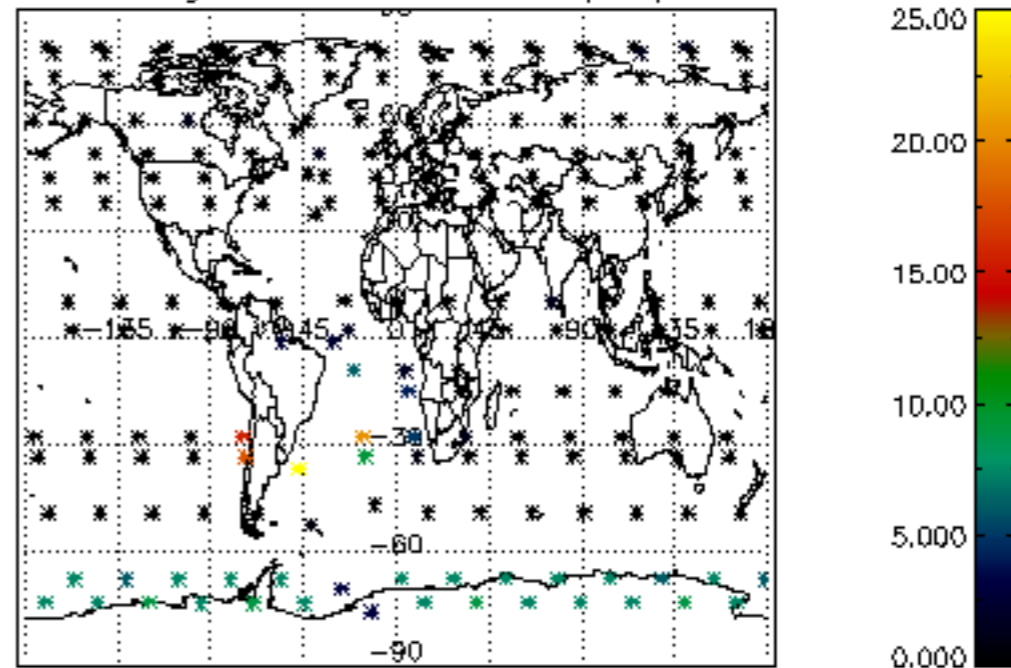
Percentage of datation errors per profile



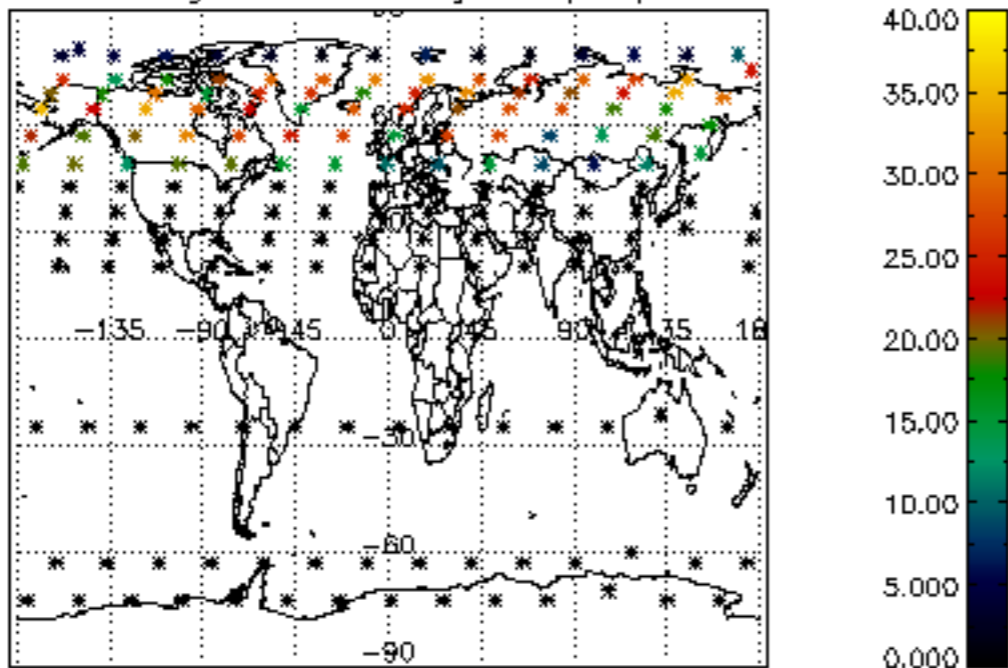
Percentage of star falling outside central band per profile



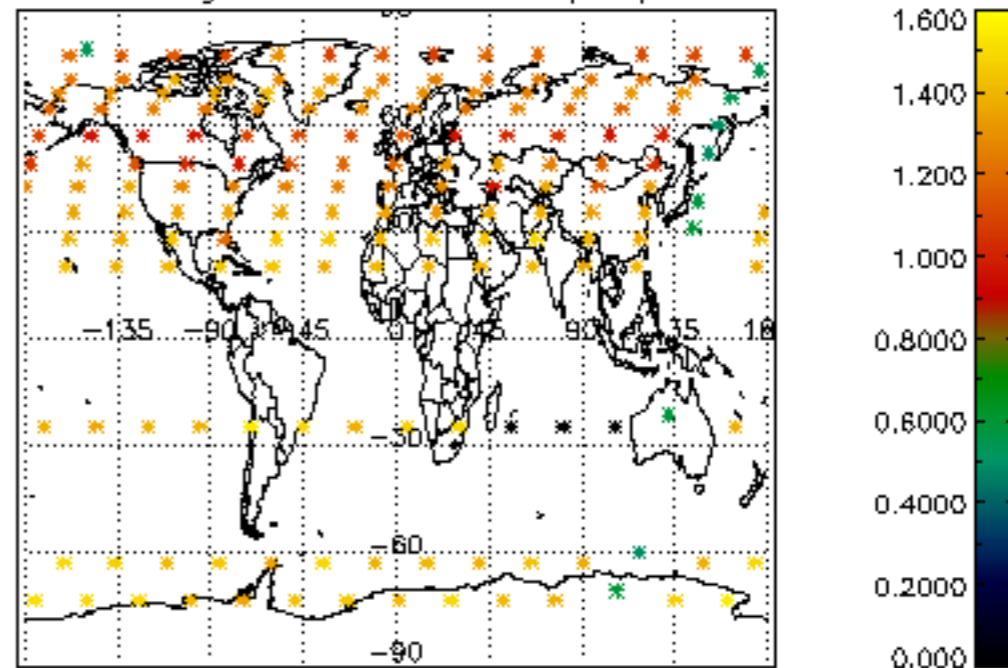
Percentage of saturation errors per profile



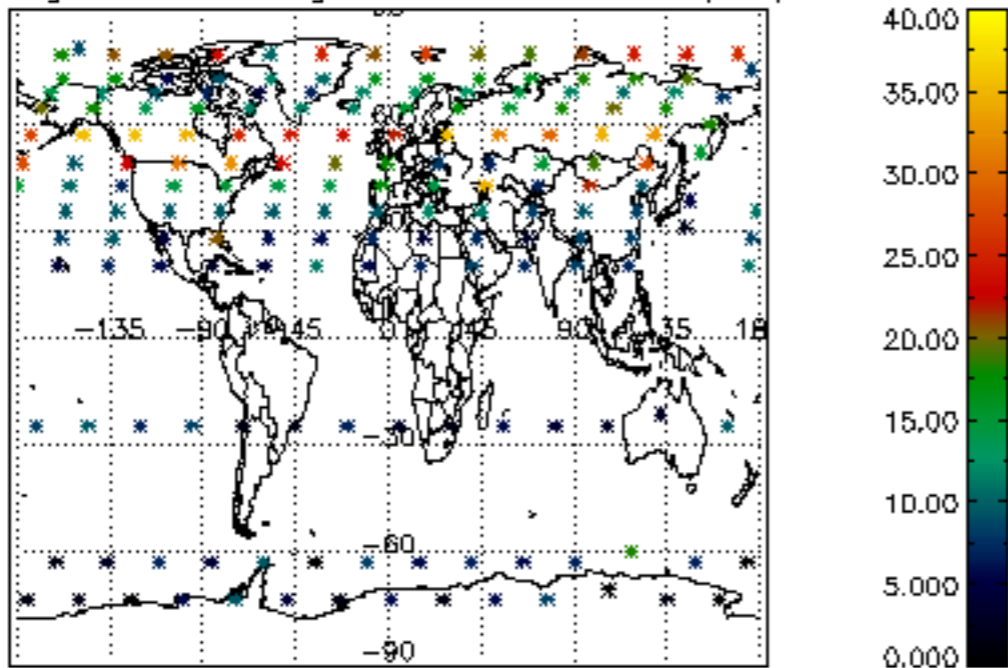
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

