

# GOMOS Level 2 Daily Report

## SUMMARY

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	19APR2013 22:42:28
Data source version	GOMOS/6.01
Start time of products	24-10-2003 (24OCT2003 00:00:00)
Stop time of products	25-10-2003 (25OCT2003 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	355
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__2PRFIN20031024_000117_000000402021_00045_08616_7114.N1	24-OCT-2003 00:01:17	Dark	39.500	9	Alp Eri	0.45300	24000.	79	8616	No
2	GOM_NL__2PRFIN20031024_000413_000000452021_00045_08616_7115.N1	24-OCT-2003 00:04:13	Straylight	45.000	157	The1Eri	2.9060	9300.0	90	8616	No
3	GOM_NL__2PRFIN20031024_000609_000000402021_00045_08616_7116.N1	24-OCT-2003 00:06:09	Straylight	39.500	84	Alp Phe	2.3970	4500.0	79	8616	No
4	GOM_NL__2PRFIN20031024_000904_000002062021_00045_08616_7117.N1	24-OCT-2003 00:09:04	Twilight	206.00	101	11Alp Lep	2.5820	7000.0	412	8616	No
5	GOM_NL__2PRFIN20031024_001317_000000892021_00045_08616_7118.N1	24-OCT-2003 00:13:17	Twilight	88.500	165	34Gam Eri	2.9500	3200.0	177	8616	No
6	GOM_NL__2PRFIN20031024_002212_000000372021_00045_08616_7119.N1	24-OCT-2003 00:22:12	Bright	37.000	140	88Gam Peg	2.8340	26000.	74	8616	No
7	GOM_NL__2PRFIN20031024_002420_000000432021_00045_08616_7120.N1	24-OCT-2003 00:24:20	Bright	42.500	105	6Bet Ari	2.6450	8900.0	85	8616	No
8	GOM_NL__2PRFIN20031024_002605_000000392021_00045_08616_7121.N1	24-OCT-2003 00:26:05	Bright	38.500	58	21Alp And	2.0730	11000.	77	8616	No
9	GOM_NL__2PRFIN20031024_002804_000000392021_00045_08616_7122.N1	24-OCT-2003 00:28:04	Bright	39.000	53	43Bet And	2.0480	3300.0	78	8616	No
10	GOM_NL__2PRFIN20031024_003102_000000462021_00045_08616_7123.N1	24-OCT-2003 00:31:02	Bright	46.000	73	57Gam1And	2.2600	13100.	92	8616	No
11	GOM_NL__2PRFIN20031024_003349_000000382021_00045_08616_7124.N1	24-OCT-2003 00:33:49	Bright	38.000	68	18Alp Cas	2.2250	4500.0	76	8616	No
12	GOM_NL__2PRFIN20031024_003506_000000382021_00045_08616_7125.N1	24-OCT-2003 00:35:06	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	8616	No
13	GOM_NL__2PRFIN20031024_003734_000000382021_00045_08616_7126.N1	24-OCT-2003 00:37:34	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	8616	No
14	GOM_NL__2PRFIN20031024_004302_000000382021_00045_08616_7127.N1	24-OCT-2003 00:43:02	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	8616	No
15	GOM_NL__2PRFIN20031024_004628_000000402021_00045_08616_7128.N1	24-OCT-2003 00:46:28	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	8616	No
16	GOM_NL__2PRFIN20031024_005117_000000392021_00045_08616_7129.N1	24-OCT-2003 00:51:17	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	8616	No
17	GOM_NL__2PRFIN20031024_005252_000000372021_00045_08616_7130.N1	24-OCT-2003 00:52:52	Bright	36.500	82	48Bet UMa	2.3650	10600.	73	8616	No
18	GOM_NL__2PRFIN20031024_005623_000000382021_00045_08616_7131.N1	24-OCT-2003 00:56:23	Bright	38.000	174	52Psi UMa	3.0040	4400.0	76	8616	No
19	GOM_NL__2PRFIN20031024_010323_000000372021_00045_08616_7132.N1	24-OCT-2003 01:03:23	Bright	37.000	96	68Del Leo	2.5600	9300.0	74	8616	No
20	GOM_NL__2PRFIN20031024_010523_000001772021_00045_08616_7133.N1	24-OCT-2003 01:05:23	Twilight	176.50	17	78Bet Gem	1.1610	4500.0	353	8616	No
21	GOM_NL__2PRFIN20031024_011522_000000602021_00045_08616_7134.N1	24-OCT-2003 01:15:22	Dark	60.000	48	30Alp Hya	1.9770	4100.0	120	8616	No
22	GOM_NL__2PRFIN20031024_012259_000000402021_00045_08616_7135.N1	24-OCT-2003 01:22:59	Dark	40.000	113	Mu Vel	2.6920	5000.0	80	8616	No
23	GOM_NL__2PRFIN20031024_012438_000000502021_00045_08616_7136.N1	24-OCT-2003 01:24:38	Dark	50.000	65	Lam Vel	2.2040	4400.0	100	8616	No
24	GOM_NL__2PRFIN20031024_012651_000000392021_00046_08617_7111.N1	24-OCT-2003 01:26:51	Dark	39.000	124	The Car	2.7640	30000.	78	8617	No
25	GOM_NL__2PRFIN20031024_012925_000000432021_00046_08617_7112.N1	24-OCT-2003 01:29:25	Dark	42.500	29	Bet Car	1.6720	10200.	85	8617	No
26	GOM_NL__2PRFIN20031024_013703_000000772021_00046_08617_7113.N1	24-OCT-2003 01:37:03	Dark	77.000	177	1Zet CMa	3.0220	26000.	154	8617	No
27	GOM_NL__2PRFIN20031024_014028_000000392021_00046_08617_7114.N1	24-OCT-2003 01:40:28	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	8617	No
28	GOM_NL__2PRFIN20031024_014153_000000422021_00046_08617_7115.N1	24-OCT-2003 01:41:53	Dark	42.000	9	Alp Eri	0.45300	24000.	84	8617	No
29	GOM_NL__2PRFIN20031024_014450_000000442021_00046_08617_7116.N1	24-OCT-2003 01:44:50	Straylight	43.500	157	The1Eri	2.9060	9300.0	87	8617	No
30	GOM_NL__2PRFIN20031024_014645_000000422021_00046_08617_7117.N1	24-OCT-2003 01:46:45	Straylight	42.000	84	Alp Phe	2.3970	4500.0	84	8617	No
31	GOM_NL__2PRFIN20031024_014941_000002132021_00046_08617_7118.N1	24-OCT-2003 01:49:41	Twilight	213.00	101	11Alp Lep	2.5820	7000.0	426	8617	No
32	GOM_NL__2PRFIN20031024_015353_000000832021_00046_08617_7119.N1	24-OCT-2003 01:53:53	Twilight	83.000	165	34Gam Eri	2.9500	3200.0	166	8617	No
33	GOM_NL__2PRFIN20031024_020248_000000362021_00046_08617_7120.N1	24-OCT-2003 02:02:48	Bright	35.500	140	88Gam Peg	2.8340	26000.	71	8617	No
34	GOM_NL__2PRFIN20031024_020456_000000432021_00046_08617_7121.N1	24-OCT-2003 02:04:56	Bright	42.500	105	6Bet Ari	2.6450	8900.0	85	8617	No
35	GOM_NL__2PRFIN20031024_020641_000000382021_00046_08617_7122.N1	24-OCT-2003 02:06:41	Bright	38.000	58	21Alp And	2.0730	11000.	76	8617	No
36	GOM_NL__2PRFIN20031024_020840_000000412021_00046_08617_7123.N1	24-OCT-2003 02:08:40	Bright	40.500	53	43Bet And	2.0480	3300.0	81	8617	No
37	GOM_NL__2PRFIN20031024_021138_000000452021_00046_08617_7124.N1	24-OCT-2003 02:11:38	Bright	44.500	73	57Gam1And	2.2600	13100.	89	8617	No
38	GOM_NL__2PRFIN20031024_021425_000000402021_00046_08617_7125.N1	24-OCT-2003 02:14:25	Bright	39.500	68	18Alp Cas	2.2250	4500.0	79	8617	No
39	GOM_NL__2PRFIN20031024_021542_000000382021_00046_08617_7126.N1	24-OCT-2003 02:15:42	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	8617	No
40	GOM_NL__2PRFIN20031024_021811_000000382021_00046_08617_7127.N1	24-OCT-2003 02:18:11	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	8617	No
41	GOM_NL__2PRFIN20031024_022338_000000382021_00046_08617_7128.N1	24-OCT-2003 02:23:38	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	8617	No
42	GOM_NL__2PRFIN20031024_022704_000000382021_00046_08617_7129.N1	24-OCT-2003 02:27:04	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	8617	No

43	GOM_NL__2PRFIN20031024_023153_000000402021_00046_08617_7130.N1	24-OCT-2003 02:31:53	Bright	40.000	36	50Alp UMa	1.8000	6300.0	80	8617	No
44	GOM_NL__2PRFIN20031024_023328_000000392021_00046_08617_7131.N1	24-OCT-2003 02:33:28	Bright	38.500	82	48Bet UMa	2.3650	10600.	77	8617	No
45	GOM_NL__2PRFIN20031024_023659_000000392021_00046_08617_7132.N1	24-OCT-2003 02:36:59	Bright	38.500	174	52Psi UMa	3.0040	4400.0	77	8617	No
46	GOM_NL__2PRFIN20031024_024359_000000372021_00046_08617_7133.N1	24-OCT-2003 02:43:59	Bright	36.500	96	68Del Leo	2.5600	9300.0	73	8617	No
47	GOM_NL__2PRFIN20031024_024600_000001662021_00046_08617_7134.N1	24-OCT-2003 02:46:00	Tw_i_and_stray	165.50	17	78Bet Gem	1.1610	4500.0	331	8617	No
48	GOM_NL__2PRFIN20031024_025559_000000572021_00046_08617_7135.N1	24-OCT-2003 02:55:59	Dark	56.500	48	30Alp Hya	1.9770	4100.0	113	8617	No
49	GOM_NL__2PRFIN20031024_030513_000000522021_00046_08617_7136.N1	24-OCT-2003 03:05:13	Dark	52.000	65	Lam Vel	2.2040	4400.0	104	8617	No
50	GOM_NL__2PRFIN20031024_030727_000000372021_00047_08618_7111.N1	24-OCT-2003 03:07:27	Dark	37.000	124	The Car	2.7640	30000.	74	8618	No
51	GOM_NL__2PRFIN20031024_031001_000000412021_00047_08618_7112.N1	24-OCT-2003 03:10:01	Dark	40.500	29	Bet Car	1.6720	10200.	81	8618	No
52	GOM_NL__2PRFIN20031024_031740_000000762021_00047_08618_7113.N1	24-OCT-2003 03:17:40	Dark	76.000	177	1Zet CMa	3.0220	26000.	152	8618	No
53	GOM_NL__2PRFIN20031024_032104_000000382021_00047_08618_7114.N1	24-OCT-2003 03:21:04	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	8618	No
54	GOM_NL__2PRFIN20031024_032229_000000512021_00047_08618_7115.N1	24-OCT-2003 03:22:29	Dark	51.000	9	Alp Eri	0.45300	24000.	102	8618	No
55	GOM_NL__2PRFIN20031024_032525_000000472021_00047_08618_7116.N1	24-OCT-2003 03:25:25	Straylight	46.500	157	The1Eri	2.9060	9300.0	93	8618	No
56	GOM_NL__2PRFIN20031024_032721_000000442021_00047_08618_7117.N1	24-OCT-2003 03:27:21	Straylight	43.500	84	Alp Phe	2.3970	4500.0	87	8618	No
57	GOM_NL__2PRFIN20031024_033018_000002132021_00047_08618_7118.N1	24-OCT-2003 03:30:18	Tw_i_and_stray	213.00	101	11Alp Lep	2.5820	7000.0	426	8618	No
58	GOM_NL__2PRFIN20031024_033429_000000802021_00047_08618_7119.N1	24-OCT-2003 03:34:29	Tw_i_and_stray	80.000	165	34Gam Eri	2.9500	3200.0	160	8618	No
59	GOM_NL__2PRFIN20031024_034323_000000372021_00047_08618_7120.N1	24-OCT-2003 03:43:23	Bright	36.500	140	88Gam Peg	2.8340	26000.	73	8618	No
60	GOM_NL__2PRFIN20031024_034531_000000442021_00047_08618_7121.N1	24-OCT-2003 03:45:31	Bright	44.000	105	6Bet Ari	2.6450	8900.0	88	8618	No
61	GOM_NL__2PRFIN20031024_034716_000000382021_00047_08618_7122.N1	24-OCT-2003 03:47:16	Bright	38.000	58	21Alp And	2.0730	11000.	76	8618	No
62	GOM_NL__2PRFIN20031024_034915_000000422021_00047_08618_7123.N1	24-OCT-2003 03:49:15	Bright	41.500	53	43Bet And	2.0480	3300.0	83	8618	No
63	GOM_NL__2PRFIN20031024_035213_000000452021_00047_08618_7124.N1	24-OCT-2003 03:52:13	Bright	45.000	73	57Gam1And	2.2600	13100.	90	8618	No
64	GOM_NL__2PRFIN20031024_035501_000000382021_00047_08618_7125.N1	24-OCT-2003 03:55:01	Bright	38.000	68	18Alp Cas	2.2250	4500.0	76	8618	No
65	GOM_NL__2PRFIN20031024_035617_000000382021_00047_08618_7126.N1	24-OCT-2003 03:56:17	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	8618	No
66	GOM_NL__2PRFIN20031024_035847_000000382021_00047_08618_7127.N1	24-OCT-2003 03:58:47	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	8618	No
67	GOM_NL__2PRFIN20031024_040413_000000362021_00047_08618_7128.N1	24-OCT-2003 04:04:13	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	8618	No
68	GOM_NL__2PRFIN20031024_040740_000000352021_00047_08618_7129.N1	24-OCT-2003 04:07:40	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	8618	No
69	GOM_NL__2PRFIN20031024_041228_000000402021_00047_08618_7130.N1	24-OCT-2003 04:12:28	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	8618	No
70	GOM_NL__2PRFIN20031024_041404_000000542021_00047_08618_7131.N1	24-OCT-2003 04:14:04	Bright	54.000	82	48Bet UMa	2.3650	10600.	108	8618	No
71	GOM_NL__2PRFIN20031024_041735_000000362021_00047_08618_7132.N1	24-OCT-2003 04:17:35	Bright	36.000	174	52Psi UMa	3.0040	4400.0	72	8618	No
72	GOM_NL__2PRFIN20031024_042435_000000372021_00047_08618_7133.N1	24-OCT-2003 04:24:35	Bright	36.500	96	68Del Leo	2.5600	9300.0	73	8618	No
73	GOM_NL__2PRFIN20031024_042637_000001482021_00047_08618_7134.N1	24-OCT-2003 04:26:37	Tw_i_and_stray	147.50	17	78Bet Gem	1.1610	4500.0	295	8618	No
74	GOM_NL__2PRFIN20031024_043636_000000602021_00047_08618_7135.N1	24-OCT-2003 04:36:36	Dark	60.000	48	30Alp Hya	1.9770	4100.0	120	8618	No
75	GOM_NL__2PRFIN20031024_044411_000000422021_00047_08618_7136.N1	24-OCT-2003 04:44:11	Dark	42.000	113	Mu Vel	2.6920	5000.0	84	8618	No
76	GOM_NL__2PRFIN20031024_044551_000000492021_00047_08618_7137.N1	24-OCT-2003 04:45:51	Dark	48.500	65	Lam Vel	2.2040	4400.0	97	8618	No
77	GOM_NL__2PRFIN20031024_044803_000000382021_00048_08619_7111.N1	24-OCT-2003 04:48:03	Dark	38.000	124	The Car	2.7640	30000.	76	8619	No
78	GOM_NL__2PRFIN20031024_045037_000000402021_00048_08619_7112.N1	24-OCT-2003 04:50:37	Dark	39.500	29	Bet Car	1.6720	10200.	79	8619	No
79	GOM_NL__2PRFIN20031024_045818_000000732021_00048_08619_7113.N1	24-OCT-2003 04:58:18	Dark	73.000	177	1Zet CMa	3.0220	26000.	146	8619	No
80	GOM_NL__2PRFIN20031024_050140_000000402021_00048_08619_7114.N1	24-OCT-2003 05:01:40	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	8619	No
81	GOM_NL__2PRFIN20031024_050305_000000522021_00048_08619_7115.N1	24-OCT-2003 05:03:05	Dark	52.000	9	Alp Eri	0.45300	24000.	104	8619	No
82	GOM_NL__2PRFIN20031024_050602_000000452021_00048_08619_7116.N1	24-OCT-2003 05:06:02	Straylight	45.000	157	The1Eri	2.9060	9300.0	90	8619	No
83	GOM_NL__2PRFIN20031024_050757_000000432021_00048_08619_7117.N1	24-OCT-2003 05:07:57	Straylight	43.000	84	Alp Phe	2.3970	4500.0	86	8619	No
84	GOM_NL__2PRFIN20031024_051054_000002132021_00048_08619_7118.N1	24-OCT-2003 05:10:54	Tw_i_and_stray	213.00	101	11Alp Lep	2.5820	7000.0	426	8619	No
85	GOM_NL__2PRFIN20031024_051504_000000822021_00048_08619_7119.N1	24-OCT-2003 05:15:04	Tw_i_and_stray	82.000	165	34Gam Eri	2.9500	3200.0	164	8619	No
86	GOM_NL__2PRFIN20031024_052359_000000382021_00048_08619_7120.N1	24-OCT-2003 05:23:59	Bright	37.500	140	88Gam Peg	2.8340	26000.	75	8619	No
87	GOM_NL__2PRFIN20031024_052607_000000452021_00048_08619_7121.N1	24-OCT-2003 05:26:07	Bright	44.500	105	6Bet Ari	2.6450	8900.0	89	8619	No
88	GOM_NL__2PRFIN20031024_052752_000000382021_00048_08619_7122.N1	24-OCT-2003 05:27:52	Bright	37.500	58	21Alp And	2.0730	11000.	75	8619	No
89	GOM_NL__2PRFIN20031024_052951_000000392021_00048_08619_7123.N1	24-OCT-2003 05:29:51	Bright	39.000	53	43Bet And	2.0480	3300.0	78	8619	No
90	GOM_NL__2PRFIN20031024_053249_000000442021_00048_08619_7124.N1	24-OCT-2003 05:32:49	Bright	44.000	73	57Gam1And	2.2600	13100.	88	8619	No
91	GOM_NL__2PRFIN20031024_053537_000000402021_00048_08619_7125.N1	24-OCT-2003 05:35:37	Bright	40.000	68	18Alp Cas	2.2250	4500.0	80	8619	No
92	GOM_NL__2PRFIN20031024_053653_000000382021_00048_08619_7126.N1	24-OCT-2003 05:36:53	Bright	38.000	76	27Gam Cas	2.3000	30000.	76	8619	No
93	GOM_NL__2PRFIN20031024_053923_000000392021_00048_08619_7127.N1	24-OCT-2003 05:39:23	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	8619	No
94	GOM_NL__2PRFIN20031024_054450_000000382021_00048_08619_7128.N1	24-OCT-2003 05:44:50	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	8619	No
95	GOM_NL__2PRFIN20031024_054817_000000392021_00048_08619_7129.N1	24-OCT-2003 05:48:17	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	8619	No
96	GOM_NL__2PRFIN20031024_055304_000000402021_00048_08619_7130.N1	24-OCT-2003 05:53:04	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	8619	No
97	GOM_NL__2PRFIN20031024_055440_000000392021_00048_08619_7131.N1	24-OCT-2003 05:54:40	Bright	38.500	82	48Bet UMa	2.3650	10600.	77	8619	No
98	GOM_NL__2PRFIN20031024_055811_000000382021_00048_08619_7132.N1	24-OCT-2003 05:58:11	Bright	38.000	174	52Psi UMa	3.0040	4400.0	76	8619	No
99	GOM_NL__2PRFIN20031024_060511_000000372021_00048_08619_7133.N1	24-OCT-2003 06:05:11	Bright	37.000	96	68Del Leo	2.5600	9300.0	74	8619	No
100	GOM_NL__2PRFIN20031024_060714_000001732021_00048_08619_7134.N1	24-OCT-2003 06:07:14	Tw_i_and_stray	173.00	17	78Bet Gem	1.1610	4500.0	346	8619	No
101	GOM_NL__2PRFIN20031024_061713_000000682021_00048_08619_7135.N1	24-OCT-2003 06:17:13	Dark	67.500	48	30Alp Hya	1.9770	4100.0	135	8619	No

102	GOM_NL__2PRFIN20031024_062447_000000432021_00048_08619_7136.N1	24-OCT-2003 06:24:47	Dark	42.500	113	Mu Vel	2.6920	5000.0	85	8619	No
103	GOM_NL__2PRFIN20031024_062628_000000592021_00048_08619_7137.N1	24-OCT-2003 06:26:28	Dark	59.000	65	Lam Vel	2.2040	4400.0	118	8619	No
104	GOM_NL__2PRFIN20031024_062840_000000372021_00049_08620_7111.N1	24-OCT-2003 06:28:40	Dark	37.000	124	The Car	2.7640	30000.	74	8620	No
105	GOM_NL__2PRFIN20031024_063114_000000392021_00049_08620_7112.N1	24-OCT-2003 06:31:14	Dark	39.000	29	Bet Car	1.6720	10200.	78	8620	No
106	GOM_NL__2PRFIN20031024_063459_000000812021_00049_08620_7113.N1	24-OCT-2003 06:34:59	Dark	81.000	23	21Eps CMA	1.5020	26000.	162	8620	No
107	GOM_NL__2PRFIN20031024_063856_000000762021_00049_08620_7114.N1	24-OCT-2003 06:38:56	Dark	75.500	177	1Zet CMA	3.0220	26000.	151	8620	No
108	GOM_NL__2PRFIN20031024_064216_000000412021_00049_08620_7115.N1	24-OCT-2003 06:42:16	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	8620	No
109	GOM_NL__2PRFIN20031024_064341_000000462021_00049_08620_7116.N1	24-OCT-2003 06:43:41	Dark	46.000	9	Alp Eri	0.45300	24000.	92	8620	No
110	GOM_NL__2PRFIN20031024_064638_000000432021_00049_08620_7117.N1	24-OCT-2003 06:46:38	Straylight	42.500	157	The1Eri	2.9060	9300.0	85	8620	No
111	GOM_NL__2PRFIN20031024_064833_000000432021_00049_08620_7118.N1	24-OCT-2003 06:48:33	Straylight	42.500	84	Alp Phe	2.3970	4500.0	85	8620	No
112	GOM_NL__2PRFIN20031024_065131_000002132021_00049_08620_7119.N1	24-OCT-2003 06:51:31	Tw_i_and_stray	212.50	101	11Alp Lep	2.5820	7000.0	425	8620	No
113	GOM_NL__2PRFIN20031024_065540_000000872021_00049_08620_7120.N1	24-OCT-2003 06:55:40	Tw_i_and_stray	86.500	165	34Gam Eri	2.9500	3200.0	173	8620	No
114	GOM_NL__2PRFIN20031024_070435_000000382021_00049_08620_7121.N1	24-OCT-2003 07:04:35	Bright	38.000	140	88Gam Peg	2.8340	26000.	76	8620	No
115	GOM_NL__2PRFIN20031024_070643_000000422021_00049_08620_7122.N1	24-OCT-2003 07:06:43	Bright	42.000	105	6Bet Ari	2.6450	8900.0	84	8620	No
116	GOM_NL__2PRFIN20031024_070829_000000372021_00049_08620_7123.N1	24-OCT-2003 07:08:29	Bright	37.000	58	21Alp And	2.0730	11000.	74	8620	No
117	GOM_NL__2PRFIN20031024_071027_000000392021_00049_08620_7124.N1	24-OCT-2003 07:10:27	Bright	39.000	53	43Bet And	2.0480	3300.0	78	8620	No
118	GOM_NL__2PRFIN20031024_071324_000000422021_00049_08620_7125.N1	24-OCT-2003 07:13:24	Bright	41.500	73	57Gam1And	2.2600	13100.	83	8620	No
119	GOM_NL__2PRFIN20031024_071612_000000372021_00049_08620_7126.N1	24-OCT-2003 07:16:12	Bright	37.000	68	18Alp Cas	2.2250	4500.0	74	8620	No
120	GOM_NL__2PRFIN20031024_071729_000000402021_00049_08620_7127.N1	24-OCT-2003 07:17:29	Bright	39.500	76	27Gam Cas	2.3000	30000.	79	8620	No
121	GOM_NL__2PRFIN20031024_071959_000000382021_00049_08620_7128.N1	24-OCT-2003 07:19:59	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	8620	No
122	GOM_NL__2PRFIN20031024_072526_000000382021_00049_08620_7129.N1	24-OCT-2003 07:25:26	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	8620	No
123	GOM_NL__2PRFIN20031024_072853_000000382021_00049_08620_7130.N1	24-OCT-2003 07:28:53	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	8620	No
124	GOM_NL__2PRFIN20031024_073341_000000402021_00049_08620_7131.N1	24-OCT-2003 07:33:41	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	8620	No
125	GOM_NL__2PRFIN20031024_073516_000000372021_00049_08620_7132.N1	24-OCT-2003 07:35:16	Bright	36.500	82	48Bet UMa	2.3650	10600.	73	8620	No
126	GOM_NL__2PRFIN20031024_073847_000000382021_00049_08620_7133.N1	24-OCT-2003 07:38:47	Bright	38.000	174	52Psi UMa	3.0040	4400.0	76	8620	No
127	GOM_NL__2PRFIN20031024_074609_000000492021_00049_08620_7134.N1	24-OCT-2003 07:46:09	Bright	49.000	166	17Eps Leo	2.9800	6000.0	98	8620	No
128	GOM_NL__2PRFIN20031024_074751_000001862021_00049_08620_7135.N1	24-OCT-2003 07:47:51	Tw_i_and_stray	185.50	17	78Bet Gem	1.1610	4500.0	371	8620	No
129	GOM_NL__2PRFIN20031024_075750_000000582021_00049_08620_7136.N1	24-OCT-2003 07:57:50	Dark	57.500	48	30Alp Hya	1.9770	4100.0	115	8620	No
130	GOM_NL__2PRFIN20031024_080916_000000382021_00050_08621_7111.N1	24-OCT-2003 08:09:16	Dark	37.500	124	The Car	2.7640	30000.	75	8621	No
131	GOM_NL__2PRFIN20031024_081150_000000402021_00050_08621_7112.N1	24-OCT-2003 08:11:50	Dark	39.500	29	Bet Car	1.6720	10200.	79	8621	No
132	GOM_NL__2PRFIN20031024_081537_000000762021_00050_08621_7113.N1	24-OCT-2003 08:15:37	Dark	76.000	23	21Eps CMA	1.5020	26000.	152	8621	No
133	GOM_NL__2PRFIN20031024_081933_000000762021_00050_08621_7114.N1	24-OCT-2003 08:19:33	Dark	76.000	177	1Zet CMA	3.0220	26000.	152	8621	No
134	GOM_NL__2PRFIN20031024_082252_000000392021_00050_08621_7115.N1	24-OCT-2003 08:22:52	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	8621	No
135	GOM_NL__2PRFIN20031024_082417_000000432021_00050_08621_7116.N1	24-OCT-2003 08:24:17	Dark	43.000	9	Alp Eri	0.45300	24000.	86	8621	No
136	GOM_NL__2PRFIN20031024_082714_000000442021_00050_08621_7117.N1	24-OCT-2003 08:27:14	Straylight	44.000	157	The1Eri	2.9060	9300.0	88	8621	No
137	GOM_NL__2PRFIN20031024_082909_000000432021_00050_08621_7118.N1	24-OCT-2003 08:29:09	Straylight	43.000	84	Alp Phe	2.3970	4500.0	86	8621	No
138	GOM_NL__2PRFIN20031024_083207_000002112021_00050_08621_7119.N1	24-OCT-2003 08:32:07	Tw_i_and_stray	211.00	101	11Alp Lep	2.5820	7000.0	422	8621	No
139	GOM_NL__2PRFIN20031024_083616_000000852021_00050_08621_7120.N1	24-OCT-2003 08:36:16	Tw_i_and_stray	84.500	165	34Gam Eri	2.9500	3200.0	169	8621	No
140	GOM_NL__2PRFIN20031024_084511_000000382021_00050_08621_7121.N1	24-OCT-2003 08:45:11	Bright	37.500	140	88Gam Peg	2.8340	26000.	75	8621	No
141	GOM_NL__2PRFIN20031024_084718_000000452021_00050_08621_7122.N1	24-OCT-2003 08:47:18	Bright	45.000	105	6Bet Ari	2.6450	8900.0	90	8621	No
142	GOM_NL__2PRFIN20031024_084905_000000392021_00050_08621_7123.N1	24-OCT-2003 08:49:05	Bright	39.000	58	21Alp And	2.0730	11000.	78	8621	No
143	GOM_NL__2PRFIN20031024_085102_000000422021_00050_08621_7124.N1	24-OCT-2003 08:51:02	Bright	42.000	53	43Bet And	2.0480	3300.0	84	8621	No
144	GOM_NL__2PRFIN20031024_085359_000000442021_00050_08621_7125.N1	24-OCT-2003 08:53:59	Bright	44.000	73	57Gam1And	2.2600	13100.	88	8621	No
145	GOM_NL__2PRFIN20031024_085648_000000372021_00050_08621_7126.N1	24-OCT-2003 08:56:48	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	8621	No
146	GOM_NL__2PRFIN20031024_085805_000000372021_00050_08621_7127.N1	24-OCT-2003 08:58:05	Bright	37.000	76	27Gam Cas	2.3000	30000.	74	8621	No
147	GOM_NL__2PRFIN20031024_090036_000000362021_00050_08621_7128.N1	24-OCT-2003 09:00:36	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	8621	No
148	GOM_NL__2PRFIN20031024_090601_000000362021_00050_08621_7129.N1	24-OCT-2003 09:06:01	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	8621	No
149	GOM_NL__2PRFIN20031024_090929_000000392021_00050_08621_7130.N1	24-OCT-2003 09:09:29	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	8621	No
150	GOM_NL__2PRFIN20031024_091416_000000402021_00050_08621_7131.N1	24-OCT-2003 09:14:16	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	8621	No
151	GOM_NL__2PRFIN20031024_091552_000000382021_00050_08621_7132.N1	24-OCT-2003 09:15:52	Bright	37.500	82	48Bet UMa	2.3650	10600.	75	8621	No
152	GOM_NL__2PRFIN20031024_091923_000000372021_00050_08621_7133.N1	24-OCT-2003 09:19:23	Bright	36.500	174	52Psi UMa	3.0040	4400.0	73	8621	No
153	GOM_NL__2PRFIN20031024_092645_000000502021_00050_08621_7134.N1	24-OCT-2003 09:26:45	Bright	49.500	166	17Eps Leo	2.9800	6000.0	99	8621	No
154	GOM_NL__2PRFIN20031024_092828_000002022021_00050_08621_7135.N1	24-OCT-2003 09:28:28	Tw_i_and_stray	202.00	17	78Bet Gem	1.1610	4500.0	404	8621	No
155	GOM_NL__2PRFIN20031024_093827_000000552021_00050_08621_7136.N1	24-OCT-2003 09:38:27	Dark	55.000	48	30Alp Hya	1.9770	4100.0	110	8621	No
156	GOM_NL__2PRFIN20031024_094952_000000382021_00051_08622_7111.N1	24-OCT-2003 09:49:52	Dark	37.500	124	The Car	2.7640	30000.	75	8622	No
157	GOM_NL__2PRFIN20031024_095226_000000402021_00051_08622_7112.N1	24-OCT-2003 09:52:26	Dark	39.500	29	Bet Car	1.6720	10200.	79	8622	No
158	GOM_NL__2PRFIN20031024_095614_000000752021_00051_08622_7113.N1	24-OCT-2003 09:56:14	Dark	75.000	23	21Eps CMA	1.5020	26000.	150	8622	No
159	GOM_NL__2PRFIN20031024_100011_000000752021_00051_08622_7114.N1	24-OCT-2003 10:00:11	Dark	74.500	177	1Zet CMA	3.0220	26000.	149	8622	No
160	GOM_NL__2PRFIN20031024_100328_000000382021_00051_08622_7115.N1	24-OCT-2003 10:03:28	Dark	37.500	143	Alp Hyi	2.8570	7200.0	75	8622	No



161	GOM_NL__2PRFIN20031024_100453_000000462021_00051_08622_7116.N1	24-OCT-2003 10:04:53	Dark	46.000	9	Alp Eri	0.45300	24000.	92	8622	No
162	GOM_NL__2PRFIN20031024_100751_000000462021_00051_08622_7117.N1	24-OCT-2003 10:07:51	Straylight	46.000	157	The1Eri	2.9060	9300.0	92	8622	No
163	GOM_NL__2PRFIN20031024_100945_000000412021_00051_08622_7118.N1	24-OCT-2003 10:09:45	Straylight	41.000	84	Alp Phe	2.3970	4500.0	82	8622	No
164	GOM_NL__2PRFIN20031024_101244_000002132021_00051_08622_7119.N1	24-OCT-2003 10:12:44	Tw_i_and_stray	213.00	101	11Alp Lep	2.5820	7000.0	426	8622	No
165	GOM_NL__2PRFIN20031024_101651_000000822021_00051_08622_7120.N1	24-OCT-2003 10:16:51	Tw_i_and_stray	82.000	165	34Gam Eri	2.9500	3200.0	164	8622	No
166	GOM_NL__2PRFIN20031024_102547_000000382021_00051_08622_7121.N1	24-OCT-2003 10:25:47	Bright	38.000	140	88Gam Peg	2.8340	26000.	76	8622	No
167	GOM_NL__2PRFIN20031024_102754_000000432021_00051_08622_7122.N1	24-OCT-2003 10:27:54	Bright	43.000	105	6Bet Ari	2.6450	8900.0	86	8622	No
168	GOM_NL__2PRFIN20031024_102941_000000382021_00051_08622_7123.N1	24-OCT-2003 10:29:41	Bright	38.000	58	21Alp And	2.0730	11000.	76	8622	No
169	GOM_NL__2PRFIN20031024_103138_000000422021_00051_08622_7124.N1	24-OCT-2003 10:31:38	Bright	41.500	53	43Bet And	2.0480	3300.0	83	8622	No
170	GOM_NL__2PRFIN20031024_103435_000000452021_00051_08622_7125.N1	24-OCT-2003 10:34:35	Bright	44.500	73	57Gam1And	2.2600	13100.	89	8622	No
171	GOM_NL__2PRFIN20031024_103724_000000402021_00051_08622_7126.N1	24-OCT-2003 10:37:24	Bright	40.000	68	18Alp Cas	2.2250	4500.0	80	8622	No
172	GOM_NL__2PRFIN20031024_103841_000000402021_00051_08622_7127.N1	24-OCT-2003 10:38:41	Bright	39.500	76	27Gam Cas	2.3000	30000.	79	8622	No
173	GOM_NL__2PRFIN20031024_104112_000000382021_00051_08622_7128.N1	24-OCT-2003 10:41:12	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	8622	No
174	GOM_NL__2PRFIN20031024_104638_000000392021_00051_08622_7129.N1	24-OCT-2003 10:46:38	Bright	39.000	49	1Alp UMi	1.9900	6300.0	78	8622	No
175	GOM_NL__2PRFIN20031024_105005_000000382021_00051_08622_7130.N1	24-OCT-2003 10:50:05	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	8622	No
176	GOM_NL__2PRFIN20031024_105452_000000402021_00051_08622_7131.N1	24-OCT-2003 10:54:52	Bright	40.000	36	50Alp UMa	1.8000	6300.0	80	8622	No
177	GOM_NL__2PRFIN20031024_105627_000000392021_00051_08622_7132.N1	24-OCT-2003 10:56:27	Bright	39.000	82	48Bet UMa	2.3650	10600.	78	8622	No
178	GOM_NL__2PRFIN20031024_105959_000000392021_00051_08622_7133.N1	24-OCT-2003 10:59:59	Bright	39.000	174	52Psi UMa	3.0040	4400.0	78	8622	No
179	GOM_NL__2PRFIN20031024_110721_000000492021_00051_08622_7134.N1	24-OCT-2003 11:07:21	Bright	49.000	166	17Eps Leo	2.9800	6000.0	98	8622	No
180	GOM_NL__2PRFIN20031024_110905_000001662021_00051_08622_7135.N1	24-OCT-2003 11:09:05	Tw_i_and_stray	165.50	17	78Bet Gem	1.1610	4500.0	331	8622	No
181	GOM_NL__2PRFIN20031024_111904_000000592021_00051_08622_7136.N1	24-OCT-2003 11:19:04	Dark	59.000	48	30Alp Hya	1.9770	4100.0	118	8622	No
182	GOM_NL__2PRFIN20031024_113028_000000392021_00052_08623_7111.N1	24-OCT-2003 11:30:28	Dark	38.500	124	The Car	2.7640	30000.	77	8623	No
183	GOM_NL__2PRFIN20031024_113302_000000402021_00052_08623_7112.N1	24-OCT-2003 11:33:02	Dark	40.000	29	Bet Car	1.6720	10200.	80	8623	No
184	GOM_NL__2PRFIN20031024_113653_000000752021_00052_08623_7113.N1	24-OCT-2003 11:36:53	Dark	75.000	23	21Eps CMa	1.5020	26000.	150	8623	No
185	GOM_NL__2PRFIN20031024_114048_000000742021_00052_08623_7114.N1	24-OCT-2003 11:40:48	Dark	74.000	177	1Zet CMa	3.0220	26000.	148	8623	No
186	GOM_NL__2PRFIN20031024_114405_000000382021_00052_08623_7115.N1	24-OCT-2003 11:44:05	Dark	37.500	143	Alp Hyi	2.8570	7200.0	75	8623	No
187	GOM_NL__2PRFIN20031024_114529_000000462021_00052_08623_7116.N1	24-OCT-2003 11:45:29	Dark	46.000	9	Alp Eri	0.45300	24000.	92	8623	No
188	GOM_NL__2PRFIN20031024_114828_000000442021_00052_08623_7117.N1	24-OCT-2003 11:48:28	Straylight	44.000	157	The1Eri	2.9060	9300.0	88	8623	No
189	GOM_NL__2PRFIN20031024_115021_000000412021_00052_08623_7118.N1	24-OCT-2003 11:50:21	Straylight	40.500	84	Alp Phe	2.3970	4500.0	81	8623	No
190	GOM_NL__2PRFIN20031024_115321_000002112021_00052_08623_7119.N1	24-OCT-2003 11:53:21	Tw_i_and_stray	210.50	101	11Alp Lep	2.5820	7000.0	421	8623	No
191	GOM_NL__2PRFIN20031024_115728_000000822021_00052_08623_7120.N1	24-OCT-2003 11:57:28	Tw_i_and_stray	82.000	165	34Gam Eri	2.9500	3200.0	164	8623	No
192	GOM_NL__2PRFIN20031024_120624_000000382021_00052_08623_7121.N1	24-OCT-2003 12:06:24	Bright	38.000	140	88Gam Peg	2.8340	26000.	76	8623	No
193	GOM_NL__2PRFIN20031024_120829_000000422021_00052_08623_7122.N1	24-OCT-2003 12:08:29	Bright	42.000	105	6Bet Ari	2.6450	8900.0	84	8623	No
194	GOM_NL__2PRFIN20031024_121017_000000372021_00052_08623_7123.N1	24-OCT-2003 12:10:17	Bright	36.500	58	21Alp And	2.0730	11000.	73	8623	No
195	GOM_NL__2PRFIN20031024_121215_000000412021_00052_08623_7124.N1	24-OCT-2003 12:12:15	Bright	41.000	53	43Bet And	2.0480	3300.0	82	8623	No
196	GOM_NL__2PRFIN20031024_121511_000000452021_00052_08623_7125.N1	24-OCT-2003 12:15:11	Bright	44.500	73	57Gam1And	2.2600	13100.	89	8623	No
197	GOM_NL__2PRFIN20031024_121800_000000402021_00052_08623_7126.N1	24-OCT-2003 12:18:00	Bright	39.500	68	18Alp Cas	2.2250	4500.0	79	8623	No
198	GOM_NL__2PRFIN20031024_121917_000000392021_00052_08623_7127.N1	24-OCT-2003 12:19:17	Bright	39.000	76	27Gam Cas	2.3000	30000.	78	8623	No
199	GOM_NL__2PRFIN20031024_122714_000000382021_00052_08623_7128.N1	24-OCT-2003 12:27:14	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	8623	No
200	GOM_NL__2PRFIN20031024_123041_000000372021_00052_08623_7129.N1	24-OCT-2003 12:30:41	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	8623	No
201	GOM_NL__2PRFIN20031024_123528_000000402021_00052_08623_7130.N1	24-OCT-2003 12:35:28	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	8623	No
202	GOM_NL__2PRFIN20031024_123703_000000362021_00052_08623_7131.N1	24-OCT-2003 12:37:03	Bright	36.000	82	48Bet UMa	2.3650	10600.	72	8623	No
203	GOM_NL__2PRFIN20031024_124035_000000382021_00052_08623_7132.N1	24-OCT-2003 12:40:35	Bright	37.500	174	52Psi UMa	3.0040	4400.0	75	8623	No
204	GOM_NL__2PRFIN20031024_124757_000000482021_00052_08623_7133.N1	24-OCT-2003 12:47:57	Bright	48.000	166	17Eps Leo	2.9800	6000.0	96	8623	No
205	GOM_NL__2PRFIN20031024_124942_000001772021_00052_08623_7134.N1	24-OCT-2003 12:49:42	Tw_i_and_stray	177.00	17	78Bet Gem	1.1610	4500.0	354	8623	No
206	GOM_NL__2PRFIN20031024_125940_000000712021_00052_08623_7135.N1	24-OCT-2003 12:59:40	Dark	70.500	48	30Alp Hya	1.9770	4100.0	141	8623	No
207	GOM_NL__2PRFIN20031024_131104_000000382021_00053_08624_7219.N1	24-OCT-2003 13:11:04	Dark	37.500	124	The Car	2.7640	30000.	75	8624	No
208	GOM_NL__2PRFIN20031024_131339_000000402021_00053_08624_7220.N1	24-OCT-2003 13:13:39	Dark	40.000	29	Bet Car	1.6720	10200.	80	8624	No
209	GOM_NL__2PRFIN20031024_131730_000000792021_00053_08624_7221.N1	24-OCT-2003 13:17:30	Dark	78.500	23	21Eps CMa	1.5020	26000.	157	8624	No
210	GOM_NL__2PRFIN20031024_132126_000000762021_00053_08624_7222.N1	24-OCT-2003 13:21:26	Dark	75.500	177	1Zet CMa	3.0220	26000.	151	8624	No
211	GOM_NL__2PRFIN20031024_132441_000000392021_00053_08624_7223.N1	24-OCT-2003 13:24:41	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	8624	No
212	GOM_NL__2PRFIN20031024_132606_000000412021_00053_08624_7224.N1	24-OCT-2003 13:26:06	Dark	40.500	9	Alp Eri	0.45300	24000.	81	8624	No
213	GOM_NL__2PRFIN20031024_132904_000000452021_00053_08624_7225.N1	24-OCT-2003 13:29:04	Straylight	45.000	157	The1Eri	2.9060	9300.0	90	8624	No
214	GOM_NL__2PRFIN20031024_133058_000000422021_00053_08624_7226.N1	24-OCT-2003 13:30:58	Straylight	41.500	84	Alp Phe	2.3970	4500.0	83	8624	No
215	GOM_NL__2PRFIN20031024_133358_000002102021_00053_08624_7227.N1	24-OCT-2003 13:33:58	Tw_i_and_stray	209.50	101	11Alp Lep	2.5820	7000.0	419	8624	No
216	GOM_NL__2PRFIN20031024_133804_000000832021_00053_08624_7228.N1	24-OCT-2003 13:38:04	Tw_i_and_stray	83.000	165	34Gam Eri	2.9500	3200.0	166	8624	No
217	GOM_NL__2PRFIN20031024_134700_000000372021_00053_08624_7229.N1	24-OCT-2003 13:47:00	Bright	36.500	140	88Gam Peg	2.8340	26000.	73	8624	No
218	GOM_NL__2PRFIN20031024_134905_000000432021_00053_08624_7230.N1	24-OCT-2003 13:49:05	Bright	43.000	105	6Bet Ari	2.6450	8900.0	86	8624	No
219	GOM_NL__2PRFIN20031024_135054_000000362021_00053_08624_7231.N1	24-OCT-2003 13:50:54	Bright	35.500	58	21Alp And	2.0730	11000.	71	8624	No

220	GOM_NL__2PRFIN20031024_135251_000000402021_00053_08624_7232.N1	24-OCT-2003 13:52:51	Bright	40.000	53	43Bet And	2.0480	3300.0	80	8624	No
221	GOM_NL__2PRFIN20031024_135547_000000432021_00053_08624_7233.N1	24-OCT-2003 13:55:47	Bright	43.000	73	57Gam1And	2.2600	13100.	86	8624	No
222	GOM_NL__2PRFIN20031024_135836_000000392021_00053_08624_7234.N1	24-OCT-2003 13:58:36	Bright	38.500	68	18Alp Cas	2.2250	4500.0	77	8624	No
223	GOM_NL__2PRFIN20031024_135952_000000372021_00053_08624_7235.N1	24-OCT-2003 13:59:52	Bright	37.000	76	27Gam Cas	2.3000	30000.	74	8624	No
224	GOM_NL__2PRFIN20031024_140224_000000382021_00053_08624_7236.N1	24-OCT-2003 14:02:24	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	8624	No
225	GOM_NL__2PRFIN20031024_140750_000000382021_00053_08624_7237.N1	24-OCT-2003 14:07:50	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	8624	No
226	GOM_NL__2PRFIN20031024_141117_000000382021_00053_08624_7238.N1	24-OCT-2003 14:11:17	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	8624	No
227	GOM_NL__2PRFIN20031024_141604_000000372021_00053_08624_7239.N1	24-OCT-2003 14:16:04	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	8624	No
228	GOM_NL__2PRFIN20031024_141739_000000392021_00053_08624_7240.N1	24-OCT-2003 14:17:39	Bright	38.500	82	48Bet UMa	2.3650	10600.	77	8624	No
229	GOM_NL__2PRFIN20031024_142110_000000392021_00053_08624_7241.N1	24-OCT-2003 14:21:10	Bright	38.500	174	52Psi UMa	3.0040	4400.0	77	8624	No
230	GOM_NL__2PRFIN20031024_142832_000000502021_00053_08624_7242.N1	24-OCT-2003 14:28:32	Bright	49.500	166	17Eps Leo	2.9800	6000.0	99	8624	No
231	GOM_NL__2PRFIN20031024_143018_000001702021_00053_08624_7243.N1	24-OCT-2003 14:30:18	Tw_i_and_stray	169.50	17	78Bet Gem	1.1610	4500.0	339	8624	No
232	GOM_NL__2PRFIN20031024_144017_000000622021_00053_08624_7244.N1	24-OCT-2003 14:40:17	Dark	61.500	48	30Alp Hya	1.9770	4100.0	123	8624	No
233	GOM_NL__2PRFIN20031024_145139_000000402021_00054_08625_7257.N1	24-OCT-2003 14:51:39	Dark	40.000	124	The Car	2.7640	30000.	80	8625	No
234	GOM_NL__2PRFIN20031024_145548_000000622021_00054_08625_7258.N1	24-OCT-2003 14:55:48	Dark	61.500	117	Pi Pup	2.7060	3800.0	123	8625	No
235	GOM_NL__2PRFIN20031024_145836_000000512021_00054_08625_7259.N1	24-OCT-2003 14:58:36	Dark	50.500	2	Alp Car	-0.73600	7000.0	101	8625	No
236	GOM_NL__2PRFIN20031024_150202_000000782021_00054_08625_7260.N1	24-OCT-2003 15:02:02	Dark	78.000	177	1Zet CMa	3.0220	26000.	156	8625	No
237	GOM_NL__2PRFIN20031024_150515_000000402021_00054_08625_7261.N1	24-OCT-2003 15:05:15	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	8625	No
238	GOM_NL__2PRFIN20031024_150638_000000492021_00054_08625_7262.N1	24-OCT-2003 15:06:38	Dark	48.500	9	Alp Eri	0.45300	24000.	97	8625	No
239	GOM_NL__2PRFIN20031024_150940_000000432021_00054_08625_7263.N1	24-OCT-2003 15:09:40	Straylight	43.000	157	The1Eri	2.9060	9300.0	86	8625	No
240	GOM_NL__2PRFIN20031024_151133_000000422021_00054_08625_7264.N1	24-OCT-2003 15:11:33	Straylight	42.000	84	Alp Phe	2.3970	4500.0	84	8625	No
241	GOM_NL__2PRFIN20031024_151805_000000482021_00054_08625_7265.N1	24-OCT-2003 15:18:05	Straylight	47.500	52	16Bet Cet	2.0370	4500.0	95	8625	No
242	GOM_NL__2PRFIN20031024_152734_000000382021_00054_08625_7266.N1	24-OCT-2003 15:27:34	Bright	38.000	140	88Gam Peg	2.8340	26000.	76	8625	No
243	GOM_NL__2PRFIN20031024_152940_000000452021_00054_08625_7267.N1	24-OCT-2003 15:29:40	Bright	44.500	105	6Bet Ari	2.6450	8900.0	89	8625	No
244	GOM_NL__2PRFIN20031024_153126_000000412021_00054_08625_7268.N1	24-OCT-2003 15:31:26	Bright	41.000	58	21Alp And	2.0730	11000.	82	8625	No
245	GOM_NL__2PRFIN20031024_153326_000000402021_00054_08625_7269.N1	24-OCT-2003 15:33:26	Bright	40.000	53	43Bet And	2.0480	3300.0	80	8625	No
246	GOM_NL__2PRFIN20031024_153621_000000442021_00054_08625_7270.N1	24-OCT-2003 15:36:21	Bright	44.000	73	57Gam1And	2.2600	13100.	88	8625	No
247	GOM_NL__2PRFIN20031024_153911_000000402021_00054_08625_7271.N1	24-OCT-2003 15:39:11	Bright	39.500	68	18Alp Cas	2.2250	4500.0	79	8625	No
248	GOM_NL__2PRFIN20031024_154028_000000392021_00054_08625_7272.N1	24-OCT-2003 15:40:28	Bright	39.000	76	27Gam Cas	2.3000	30000.	78	8625	No
249	GOM_NL__2PRFIN20031024_154258_000000412021_00054_08625_7273.N1	24-OCT-2003 15:42:58	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	8625	No
250	GOM_NL__2PRFIN20031024_154825_000000382021_00054_08625_7274.N1	24-OCT-2003 15:48:25	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	8625	No
251	GOM_NL__2PRFIN20031024_155152_000000392021_00054_08625_7275.N1	24-OCT-2003 15:51:52	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	8625	No
252	GOM_NL__2PRFIN20031024_155639_000000412021_00054_08625_7276.N1	24-OCT-2003 15:56:39	Bright	40.500	36	50Alp UMa	1.8000	6300.0	81	8625	No
253	GOM_NL__2PRFIN20031024_155815_000000382021_00054_08625_7277.N1	24-OCT-2003 15:58:15	Bright	38.000	82	48Bet UMa	2.3650	10600.	76	8625	No
254	GOM_NL__2PRFIN20031024_160147_000000402021_00054_08625_7278.N1	24-OCT-2003 16:01:47	Bright	40.000	174	52Psi UMa	3.0040	4400.0	80	8625	No
255	GOM_NL__2PRFIN20031024_160909_000000512021_00054_08625_7279.N1	24-OCT-2003 16:09:09	Bright	50.500	166	17Eps Leo	2.9800	6000.0	101	8625	No
256	GOM_NL__2PRFIN20031024_161056_000001872021_00054_08625_7280.N1	24-OCT-2003 16:10:56	Tw_i_and_stray	186.50	17	78Bet Gem	1.1610	4500.0	373	8625	No
257	GOM_NL__2PRFIN20031024_162053_000000632021_00054_08625_7281.N1	24-OCT-2003 16:20:53	Dark	62.500	48	30Alp Hya	1.9770	4100.0	125	8625	No
258	GOM_NL__2PRFIN20031024_162824_000000452021_00054_08625_7282.N1	24-OCT-2003 16:28:24	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	8625	No
259	GOM_NL__2PRFIN20031024_163007_000000552021_00054_08625_7283.N1	24-OCT-2003 16:30:07	Dark	55.000	65	Lam Vel	2.2040	4400.0	110	8625	No
260	GOM_NL__2PRFIN20031024_163216_000000392021_00055_08626_7367.N1	24-OCT-2003 16:32:16	Dark	38.500	124	The Car	2.7640	30000.	77	8626	No
261	GOM_NL__2PRFIN20031024_163626_000000642021_00055_08626_7368.N1	24-OCT-2003 16:36:26	Dark	63.500	117	Pi Pup	2.7060	3800.0	127	8626	No
262	GOM_NL__2PRFIN20031024_163912_000000512021_00055_08626_7369.N1	24-OCT-2003 16:39:12	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	8626	No
263	GOM_NL__2PRFIN20031024_164240_000000782021_00055_08626_7370.N1	24-OCT-2003 16:42:40	Dark	77.500	177	1Zet CMa	3.0220	26000.	155	8626	No
264	GOM_NL__2PRFIN20031024_164552_000000392021_00055_08626_7371.N1	24-OCT-2003 16:45:52	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	8626	No
265	GOM_NL__2PRFIN20031024_164716_000000522021_00055_08626_7372.N1	24-OCT-2003 16:47:16	Dark	52.000	9	Alp Eri	0.45300	24000.	104	8626	No
266	GOM_NL__2PRFIN20031024_165014_000000482021_00055_08626_7373.N1	24-OCT-2003 16:50:14	Straylight	48.000	157	The1Eri	2.9060	9300.0	96	8626	No
267	GOM_NL__2PRFIN20031024_165209_000000422021_00055_08626_7374.N1	24-OCT-2003 16:52:09	Straylight	41.500	84	Alp Phe	2.3970	4500.0	83	8626	No
268	GOM_NL__2PRFIN20031024_165839_000000512021_00055_08626_7375.N1	24-OCT-2003 16:58:39	Straylight	50.500	52	16Bet Cet	2.0370	4500.0	101	8626	No
269	GOM_NL__2PRFIN20031024_170810_000000402021_00055_08626_7376.N1	24-OCT-2003 17:08:10	Bright	39.500	140	88Gam Peg	2.8340	26000.	79	8626	No
270	GOM_NL__2PRFIN20031024_171015_000000462021_00055_08626_7377.N1	24-OCT-2003 17:10:15	Bright	45.500	105	6Bet Ari	2.6450	8900.0	91	8626	No
271	GOM_NL__2PRFIN20031024_171202_000000412021_00055_08626_7378.N1	24-OCT-2003 17:12:02	Bright	40.500	58	21Alp And	2.0730	11000.	81	8626	No
272	GOM_NL__2PRFIN20031024_171359_000000422021_00055_08626_7379.N1	24-OCT-2003 17:13:59	Bright	42.000	53	43Bet And	2.0480	3300.0	84	8626	No
273	GOM_NL__2PRFIN20031024_171656_000000452021_00055_08626_7380.N1	24-OCT-2003 17:16:56	Bright	44.500	73	57Gam1And	2.2600	13100.	89	8626	No
274	GOM_NL__2PRFIN20031024_171947_000000392021_00055_08626_7381.N1	24-OCT-2003 17:19:47	Bright	39.000	68	18Alp Cas	2.2250	4500.0	78	8626	No
275	GOM_NL__2PRFIN20031024_172103_000000392021_00055_08626_7382.N1	24-OCT-2003 17:21:03	Bright	39.000	76	27Gam Cas	2.3000	30000.	78	8626	No
276	GOM_NL__2PRFIN20031024_172336_000000402021_00055_08626_7383.N1	24-OCT-2003 17:23:36	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	8626	No
277	GOM_NL__2PRFIN20031024_172900_000000412021_00055_08626_7384.N1	24-OCT-2003 17:29:00	Bright	40.500	49	1Alp UMi	1.9900	6300.0	81	8626	No
278	GOM_NL__2PRFIN20031024_173228_000000402021_00055_08626_7385.N1	24-OCT-2003 17:32:28	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	8626	No

279	GOM_NL__2PRFIN20031024_173715_000000362021_00055_08626_7386.N1	24-OCT-2003 17:37:15	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	8626	No
280	GOM_NL__2PRFIN20031024_173850_000000382021_00055_08626_7387.N1	24-OCT-2003 17:38:50	Bright	37.500	82	48Bet UMa	2.3650	10600.	75	8626	No
281	GOM_NL__2PRFIN20031024_174223_000000382021_00055_08626_7388.N1	24-OCT-2003 17:42:23	Bright	37.500	174	52Psi UMa	3.0040	4400.0	75	8626	No
282	GOM_NL__2PRFIN20031024_174945_000000492021_00055_08626_7389.N1	24-OCT-2003 17:49:45	Bright	48.500	166	17Eps Leo	2.9800	6000.0	97	8626	No
283	GOM_NL__2PRFIN20031024_175133_000001742021_00055_08626_7390.N1	24-OCT-2003 17:51:33	Tw_i_and_stray	173.50	17	78Bet Gem	1.1610	4500.0	347	8626	No
284	GOM_NL__2PRFIN20031024_180128_000000652021_00055_08626_7391.N1	24-OCT-2003 18:01:28	Dark	65.000	48	30Alp Hya	1.9770	4100.0	130	8626	No
285	GOM_NL__2PRFIN20031024_180900_000000432021_00055_08626_7392.N1	24-OCT-2003 18:09:00	Dark	43.000	113	Mu Vel	2.6920	5000.0	86	8626	No
286	GOM_NL__2PRFIN20031024_181043_000000532021_00055_08626_7393.N1	24-OCT-2003 18:10:43	Dark	52.500	65	Lam Vel	2.2040	4400.0	105	8626	No
287	GOM_NL__2PRFIN20031024_181252_000000382021_00056_08627_7257.N1	24-OCT-2003 18:12:52	Dark	38.000	124	The Car	2.7640	30000.	76	8627	No
288	GOM_NL__2PRFIN20031024_181702_000000612021_00056_08627_7258.N1	24-OCT-2003 18:17:02	Dark	61.000	117	Pi Pup	2.7060	3800.0	122	8627	No
289	GOM_NL__2PRFIN20031024_181948_000000542021_00056_08627_7259.N1	24-OCT-2003 18:19:48	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	8627	No
290	GOM_NL__2PRFIN20031024_182319_000000762021_00056_08627_7260.N1	24-OCT-2003 18:23:19	Dark	76.000	177	1Zet CMa	3.0220	26000.	152	8627	No
291	GOM_NL__2PRFIN20031024_182628_000000412021_00056_08627_7261.N1	24-OCT-2003 18:26:28	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	8627	No
292	GOM_NL__2PRFIN20031024_182753_000000512021_00056_08627_7262.N1	24-OCT-2003 18:27:53	Dark	50.500	9	Alp Eri	0.45300	24000.	101	8627	No
293	GOM_NL__2PRFIN20031024_183052_000000472021_00056_08627_7263.N1	24-OCT-2003 18:30:52	Straylight	46.500	157	The1Eri	2.9060	9300.0	93	8627	No
294	GOM_NL__2PRFIN20031024_183245_000000442021_00056_08627_7264.N1	24-OCT-2003 18:32:45	Straylight	43.500	84	Alp Phe	2.3970	4500.0	87	8627	No
295	GOM_NL__2PRFIN20031024_183915_000000492021_00056_08627_7265.N1	24-OCT-2003 18:39:15	Straylight	48.500	52	16Bet Cet	2.0370	4500.0	97	8627	No
296	GOM_NL__2PRFIN20031024_184845_000000412021_00056_08627_7266.N1	24-OCT-2003 18:48:45	Bright	40.500	140	88Gam Peg	2.8340	26000.	81	8627	No
297	GOM_NL__2PRFIN20031024_185049_000000452021_00056_08627_7267.N1	24-OCT-2003 18:50:49	Bright	44.500	105	6Bet Ari	2.6450	8900.0	89	8627	No
298	GOM_NL__2PRFIN20031024_185240_000000382021_00056_08627_7268.N1	24-OCT-2003 18:52:40	Bright	38.000	58	21Alp And	2.0730	11000.	76	8627	No
299	GOM_NL__2PRFIN20031024_185436_000000392021_00056_08627_7269.N1	24-OCT-2003 18:54:36	Bright	39.000	53	43Bet And	2.0480	3300.0	78	8627	No
300	GOM_NL__2PRFIN20031024_185731_000000432021_00056_08627_7270.N1	24-OCT-2003 18:57:31	Bright	42.500	73	57Gam1And	2.2600	13100.	85	8627	No
301	GOM_NL__2PRFIN20031024_190023_000000402021_00056_08627_7271.N1	24-OCT-2003 19:00:23	Bright	39.500	68	18Alp Cas	2.2250	4500.0	79	8627	No
302	GOM_NL__2PRFIN20031024_190140_000000392021_00056_08627_7272.N1	24-OCT-2003 19:01:40	Bright	39.000	76	27Gam Cas	2.3000	30000.	78	8627	No
303	GOM_NL__2PRFIN20031024_190412_000000392021_00056_08627_7273.N1	24-OCT-2003 19:04:12	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	8627	No
304	GOM_NL__2PRFIN20031024_190936_000000392021_00056_08627_7274.N1	24-OCT-2003 19:09:36	Bright	39.000	49	1Alp UMi	1.9900	6300.0	78	8627	No
305	GOM_NL__2PRFIN20031024_191302_000000422021_00056_08627_7275.N1	24-OCT-2003 19:13:02	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	8627	No
306	GOM_NL__2PRFIN20031024_191751_000000422021_00056_08627_7276.N1	24-OCT-2003 19:17:51	Bright	42.000	36	50Alp UMa	1.8000	6300.0	84	8627	No
307	GOM_NL__2PRFIN20031024_191927_000000392021_00056_08627_7277.N1	24-OCT-2003 19:19:27	Bright	39.000	82	48Bet UMa	2.3650	10600.	78	8627	No
308	GOM_NL__2PRFIN20031024_192258_000000542021_00056_08627_7278.N1	24-OCT-2003 19:22:58	Bright	54.000	174	52Psi UMa	3.0040	4400.0	108	8627	No
309	GOM_NL__2PRFIN20031024_193021_000000482021_00056_08627_7279.N1	24-OCT-2003 19:30:21	Bright	48.000	166	17Eps Leo	2.9800	6000.0	96	8627	No
310	GOM_NL__2PRFIN20031024_193210_000001842021_00056_08627_7280.N1	24-OCT-2003 19:32:10	Tw_i_and_stray	183.50	17	78Bet Gem	1.1610	4500.0	367	8627	No
311	GOM_NL__2PRFIN20031024_194207_000000632021_00056_08627_7281.N1	24-OCT-2003 19:42:07	Dark	62.500	48	30Alp Hya	1.9770	4100.0	125	8627	No
312	GOM_NL__2PRFIN20031024_194936_000000412021_00056_08627_7282.N1	24-OCT-2003 19:49:36	Dark	41.000	113	Mu Vel	2.6920	5000.0	82	8627	No
313	GOM_NL__2PRFIN20031024_195120_000000532021_00056_08627_7283.N1	24-OCT-2003 19:51:20	Dark	52.500	65	Lam Vel	2.2040	4400.0	105	8627	No
314	GOM_NL__2PRFIN20031024_195327_000000412021_00057_08628_7257.N1	24-OCT-2003 19:53:27	Dark	41.000	124	The Car	2.7640	30000.	82	8628	No
315	GOM_NL__2PRFIN20031024_195740_000000592021_00057_08628_7258.N1	24-OCT-2003 19:57:40	Dark	59.000	117	Pi Pup	2.7060	3800.0	118	8628	No
316	GOM_NL__2PRFIN20031024_200025_000000532021_00057_08628_7259.N1	24-OCT-2003 20:00:25	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	8628	No
317	GOM_NL__2PRFIN20031024_200356_000000752021_00057_08628_7260.N1	24-OCT-2003 20:03:56	Dark	75.000	177	1Zet CMa	3.0220	26000.	150	8628	No
318	GOM_NL__2PRFIN20031024_200705_000000392021_00057_08628_7261.N1	24-OCT-2003 20:07:05	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	8628	No
319	GOM_NL__2PRFIN20031024_200830_000000422021_00057_08628_7262.N1	24-OCT-2003 20:08:30	Dark	41.500	9	Alp Eri	0.45300	24000.	83	8628	No
320	GOM_NL__2PRFIN20031024_201128_000000442021_00057_08628_7263.N1	24-OCT-2003 20:11:28	Straylight	44.000	157	The1Eri	2.9060	9300.0	88	8628	No
321	GOM_NL__2PRFIN20031024_201321_000000452021_00057_08628_7264.N1	24-OCT-2003 20:13:21	Straylight	44.500	84	Alp Phe	2.3970	4500.0	89	8628	No
322	GOM_NL__2PRFIN20031024_201954_000000462021_00057_08628_7265.N1	24-OCT-2003 20:19:54	Straylight	46.000	52	16Bet Cet	2.0370	4500.0	92	8628	No
323	GOM_NL__2PRFIN20031024_202922_000000382021_00057_08628_7266.N1	24-OCT-2003 20:29:22	Bright	38.000	140	88Gam Peg	2.8340	26000.	76	8628	No
324	GOM_NL__2PRFIN20031024_203126_000000452021_00057_08628_7267.N1	24-OCT-2003 20:31:26	Bright	44.500	105	6Bet Ari	2.6450	8900.0	89	8628	No
325	GOM_NL__2PRFIN20031024_203316_000000382021_00057_08628_7268.N1	24-OCT-2003 20:33:16	Bright	38.000	58	21Alp And	2.0730	11000.	76	8628	No
326	GOM_NL__2PRFIN20031024_203512_000000412021_00057_08628_7269.N1	24-OCT-2003 20:35:12	Bright	40.500	53	43Bet And	2.0480	3300.0	81	8628	No
327	GOM_NL__2PRFIN20031024_203808_000000442021_00057_08628_7270.N1	24-OCT-2003 20:38:08	Bright	43.500	73	57Gam1And	2.2600	13100.	87	8628	No
328	GOM_NL__2PRFIN20031024_204059_000000392021_00057_08628_7271.N1	24-OCT-2003 20:40:59	Bright	39.000	68	18Alp Cas	2.2250	4500.0	78	8628	No
329	GOM_NL__2PRFIN20031024_204215_000000362021_00057_08628_7272.N1	24-OCT-2003 20:42:15	Bright	36.000	76	27Gam Cas	2.3000	30000.	72	8628	No
330	GOM_NL__2PRFIN20031024_204449_000000392021_00057_08628_7273.N1	24-OCT-2003 20:44:49	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	8628	No
331	GOM_NL__2PRFIN20031024_205012_000000392021_00057_08628_7274.N1	24-OCT-2003 20:50:12	Bright	38.500	49	1Alp UMi	1.9900	6300.0	77	8628	No
332	GOM_NL__2PRFIN20031024_205340_000000402021_00057_08628_7275.N1	24-OCT-2003 20:53:40	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	8628	No
333	GOM_NL__2PRFIN20031024_205827_000000432021_00057_08628_7276.N1	24-OCT-2003 20:58:27	Bright	43.000	36	50Alp UMa	1.8000	6300.0	86	8628	No
334	GOM_NL__2PRFIN20031024_210002_000000402021_00057_08628_7277.N1	24-OCT-2003 21:00:02	Bright	39.500	82	48Bet UMa	2.3650	10600.	79	8628	No
335	GOM_NL__2PRFIN20031024_210335_000000402021_00057_08628_7278.N1	24-OCT-2003 21:03:35	Bright	40.000	174	52Psi UMa	3.0040	4400.0	80	8628	No
336	GOM_NL__2PRFIN20031024_211058_000000642021_00057_08628_7279.N1	24-OCT-2003 21:10:58	Bright	64.000	166	17Eps Leo	2.9800	6000.0	128	8628	No
337	GOM_NL__2PRFIN20031024_211247_000001862021_00057_08628_7280.N1	24-OCT-2003 21:12:47	Tw_i_and_stray	185.50	17	78Bet Gem	1.1610	4500.0	371	8628	No

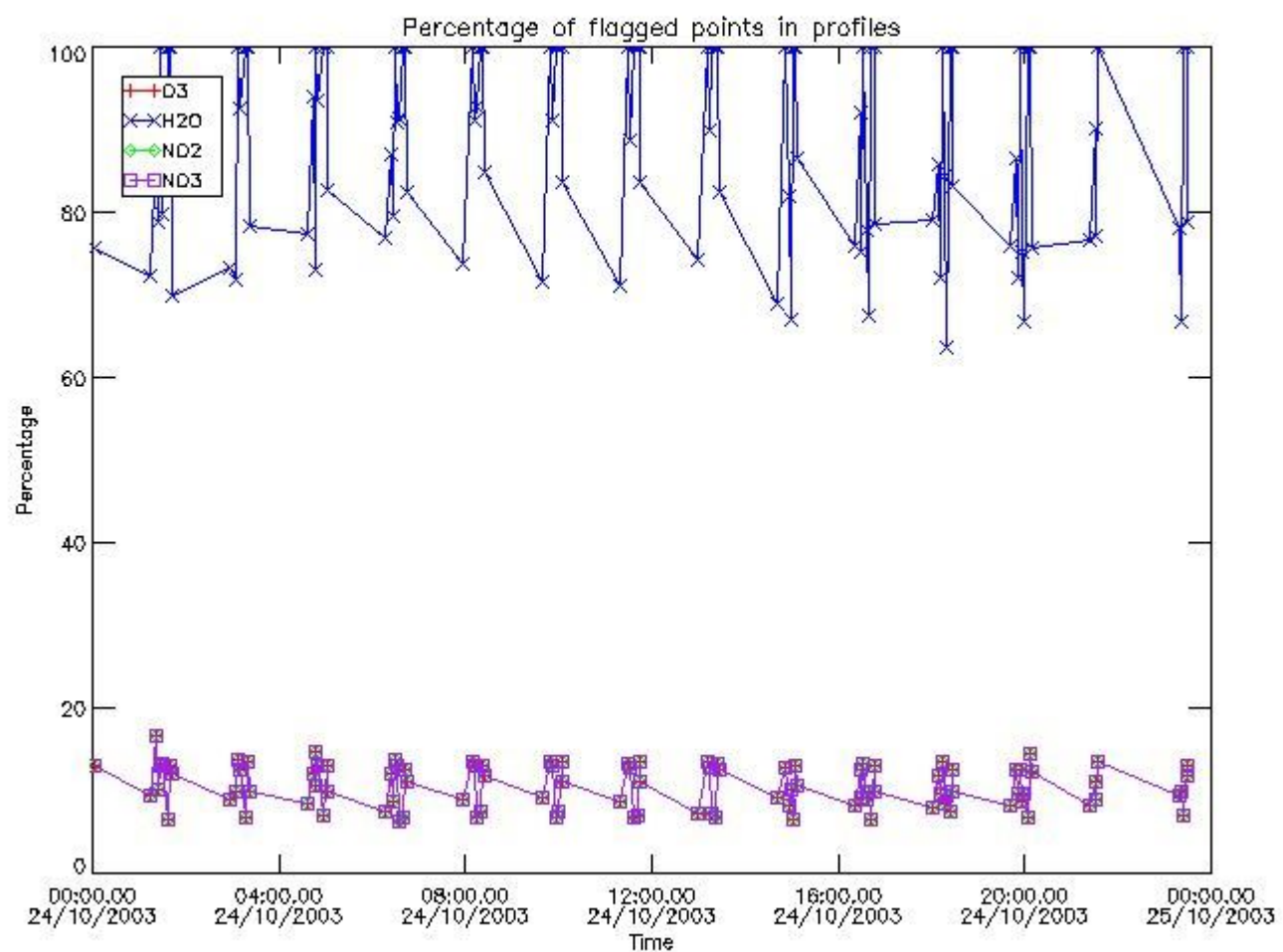


338	GOM_NL__2PRFIN20031024_212244_000000632021_00057_08628_7281.N1	24-OCT-2003 21:22:44	Dark	62.500	48	30Alp Hya	1.9770	4100.0	125	8628	No
339	GOM_NL__2PRFIN20031024_213012_000000462021_00057_08628_7282.N1	24-OCT-2003 21:30:12	Dark	45.500	113	Mu Vel	2.6920	5000.0	91	8628	No
340	GOM_NL__2PRFIN20031024_213157_000000572021_00057_08628_7283.N1	24-OCT-2003 21:31:57	Dark	57.000	65	Lam Vel	2.2040	4400.0	114	8628	No
341	GOM_NL__2PRFIN20031024_213404_000000372021_00058_08629_7257.N1	24-OCT-2003 21:34:04	Dark	37.000	124	The Car	2.7640	30000.	74	8629	No
342	GOM_NL__2PRFIN20031024_231855_000000602021_00059_08630_7257.N1	24-OCT-2003 23:18:55	Dark	59.500	117	Pi Pup	2.7060	3800.0	119	8630	No
343	GOM_NL__2PRFIN20031024_232138_000000522021_00059_08630_7258.N1	24-OCT-2003 23:21:38	Dark	51.500	2	Alp Car	-0.73600	7000.0	103	8630	No
344	GOM_NL__2PRFIN20031024_232511_000000722021_00059_08630_7259.N1	24-OCT-2003 23:25:11	Dark	72.000	177	1Zet CMa	3.0220	26000.	144	8630	No
345	GOM_NL__2PRFIN20031024_232817_000000392021_00059_08630_7260.N1	24-OCT-2003 23:28:17	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	8630	No
346	GOM_NL__2PRFIN20031024_232941_000000432021_00059_08630_7261.N1	24-OCT-2003 23:29:41	Dark	43.000	9	Alp Eri	0.45300	24000.	86	8630	No
347	GOM_NL__2PRFIN20031024_233241_000000482021_00059_08630_7262.N1	24-OCT-2003 23:32:41	Straylight	47.500	157	The1Eri	2.9060	9300.0	95	8630	No
348	GOM_NL__2PRFIN20031024_233433_000000512021_00059_08630_7263.N1	24-OCT-2003 23:34:33	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	8630	No
349	GOM_NL__2PRFIN20031024_234106_000000422021_00059_08630_7264.N1	24-OCT-2003 23:41:06	Straylight	42.000	52	16Bet Cet	2.0370	4500.0	84	8630	No
350	GOM_NL__2PRFIN20031024_234833_000000592021_00059_08630_7265.N1	24-OCT-2003 23:48:33	Bright	58.500	94	92Alp Cet	2.5260	3100.0	117	8630	No
351	GOM_NL__2PRFIN20031024_235034_000000382021_00059_08630_7266.N1	24-OCT-2003 23:50:34	Bright	38.000	140	88Gam Peg	2.8340	26000.	76	8630	No
352	GOM_NL__2PRFIN20031024_235236_000000452021_00059_08630_7267.N1	24-OCT-2003 23:52:36	Bright	45.000	105	6Bet Ari	2.6450	8900.0	90	8630	No
353	GOM_NL__2PRFIN20031024_235428_000000392021_00059_08630_7268.N1	24-OCT-2003 23:54:28	Bright	38.500	58	21Alp And	2.0730	11000.	77	8630	No
354	GOM_NL__2PRFIN20031024_235624_000000422021_00059_08630_7269.N1	24-OCT-2003 23:56:24	Bright	41.500	53	43Bet And	2.0480	3300.0	83	8630	No
355	GOM_NL__2PRFIN20031024_235918_000000442021_00059_08630_7270.N1	24-OCT-2003 23:59:18	Bright	44.000	73	57Gam1And	2.2600	13100.	88	8630	No

### 3. Quality information per product

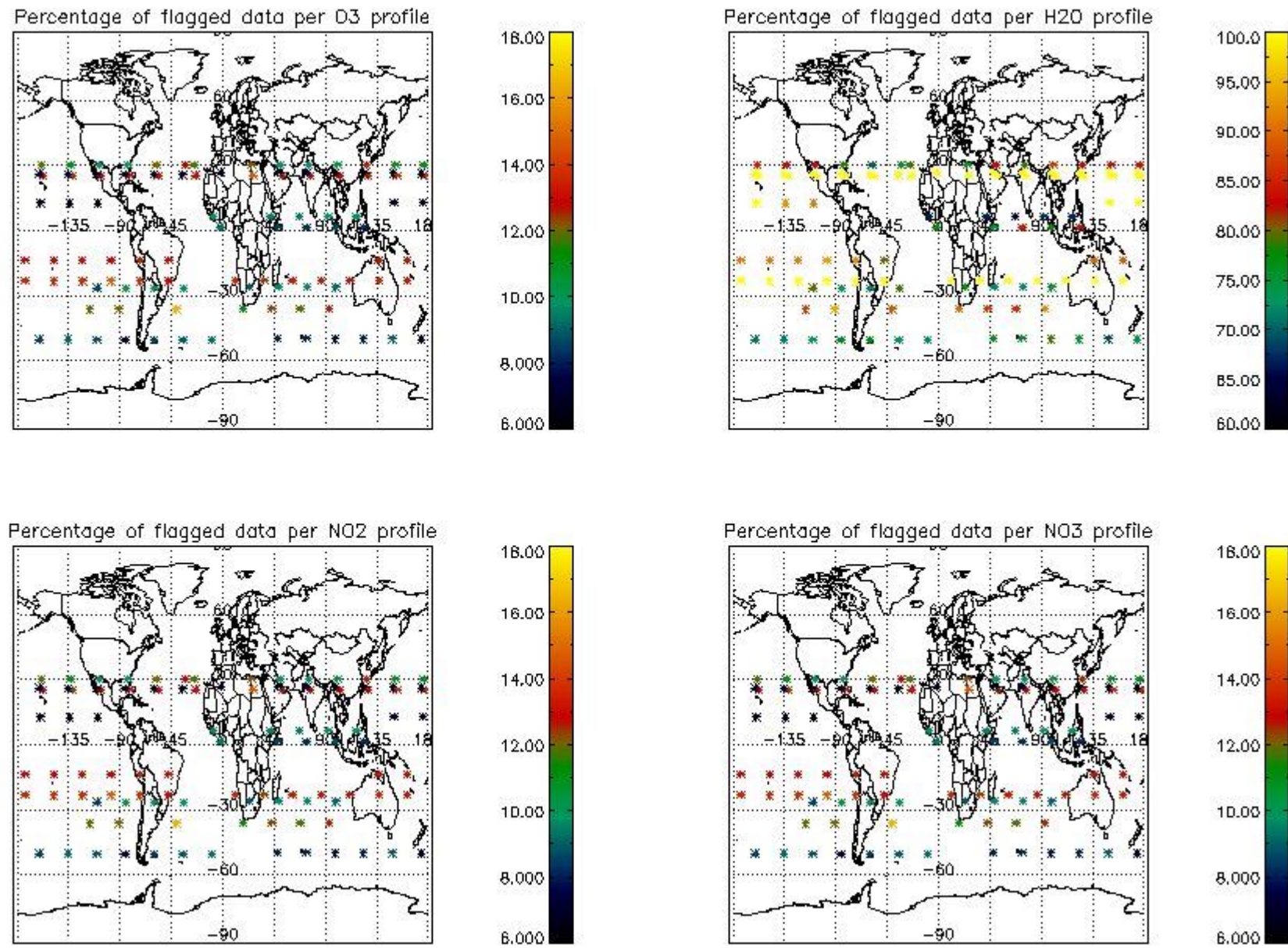
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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





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

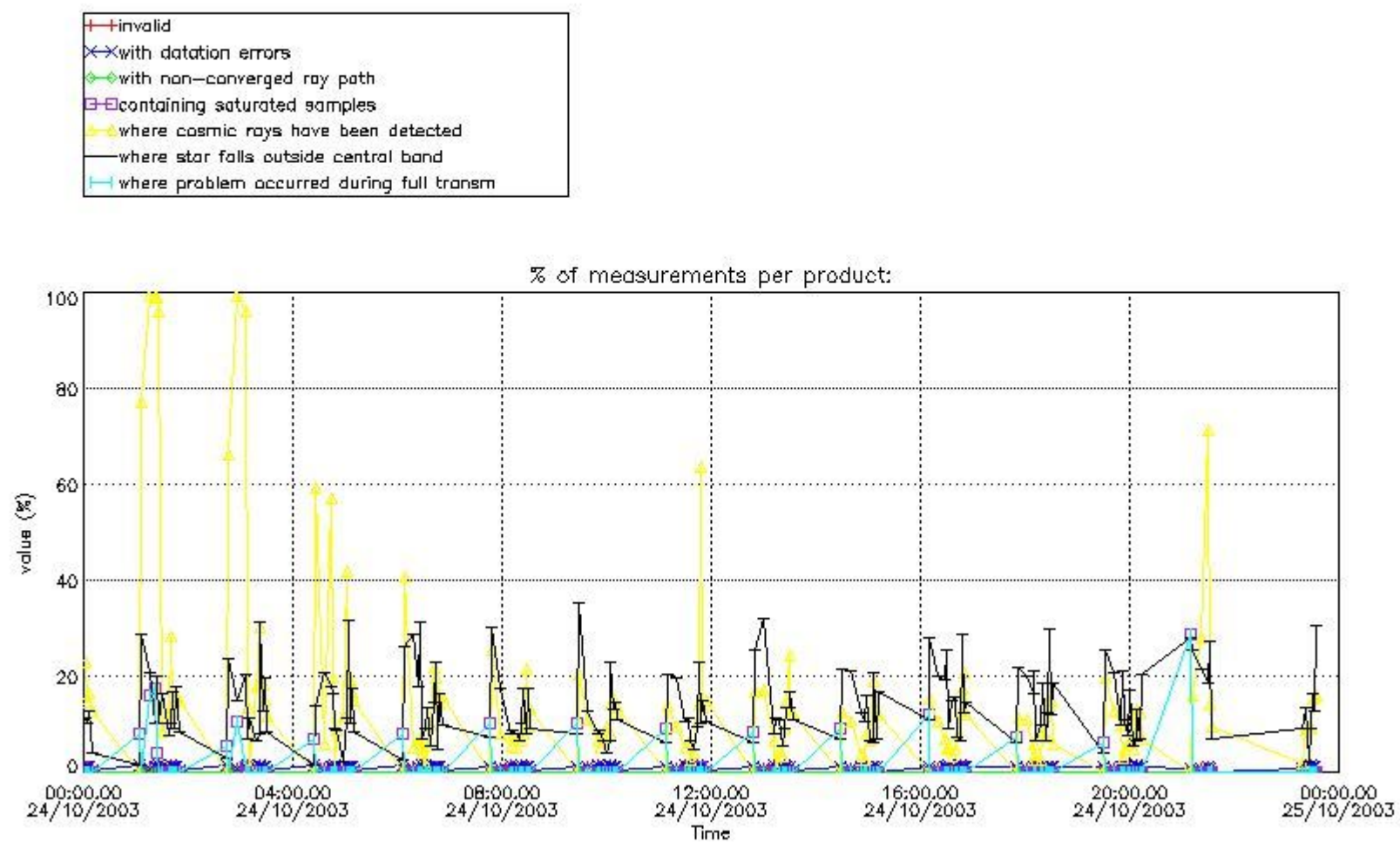


### 4. Level 1 quality information per product

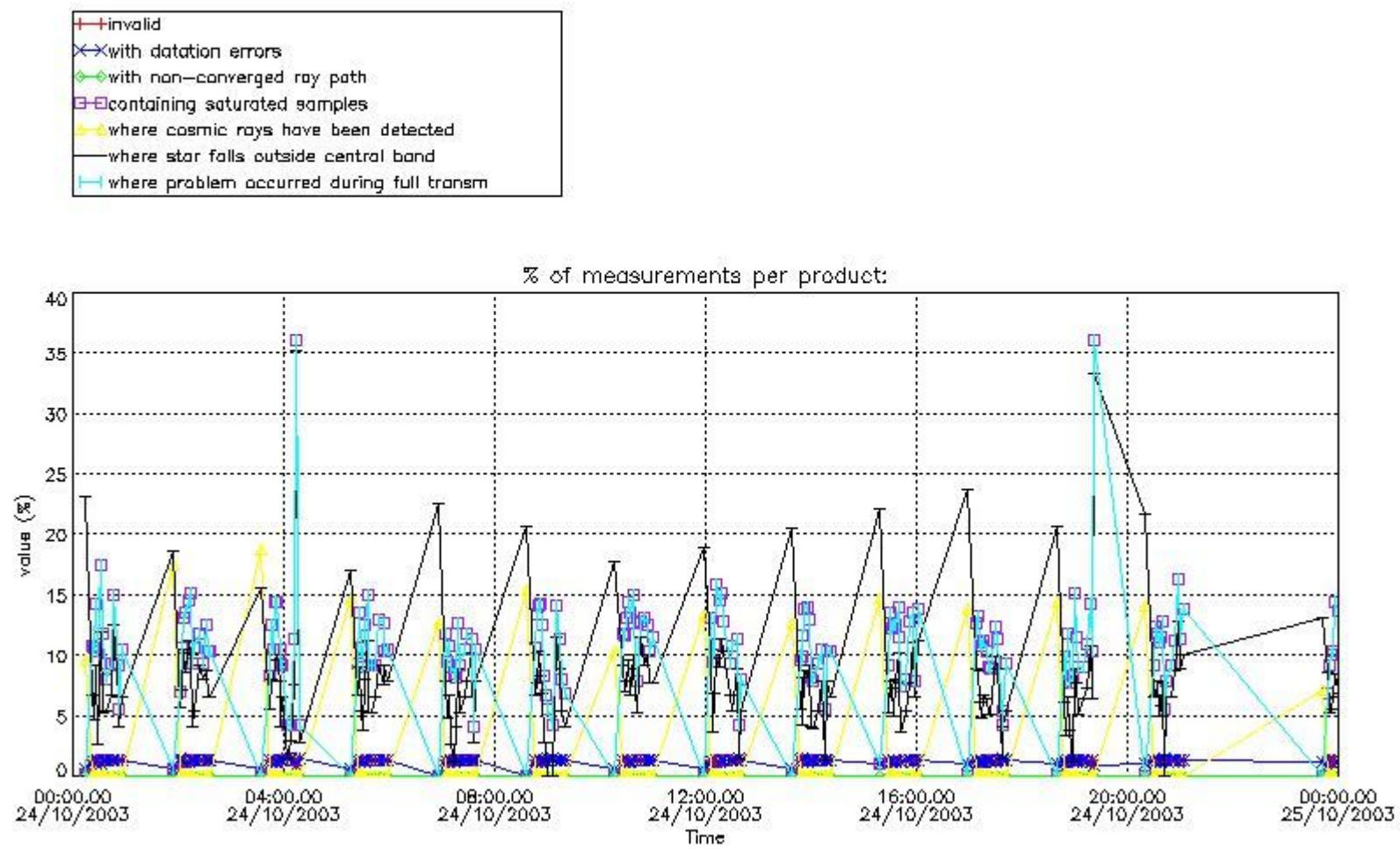
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



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

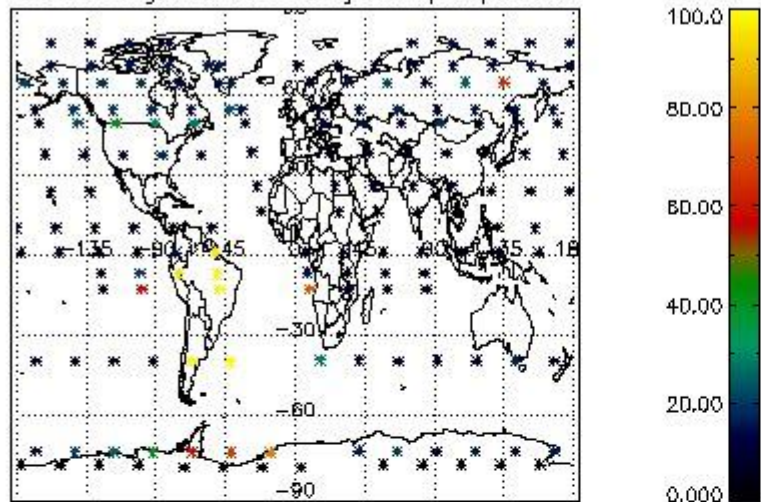


#### 4.2 Plot quality information per product coming from level 1b processing (world map)

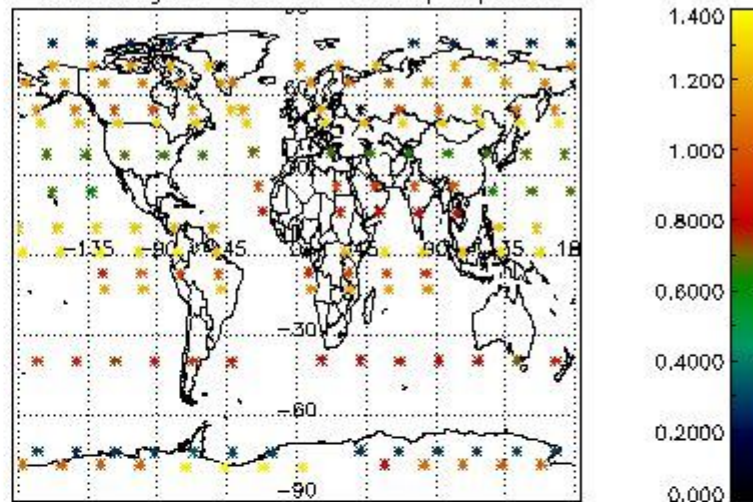
##### 4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes



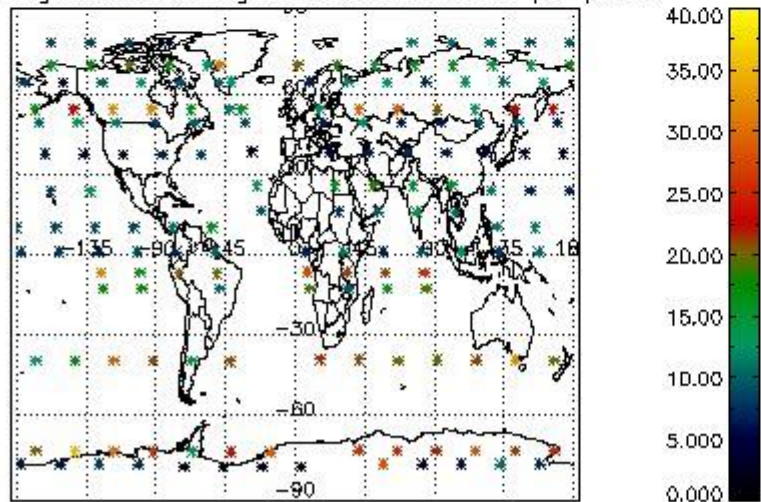
Percentage of cosmic ray hits per profile



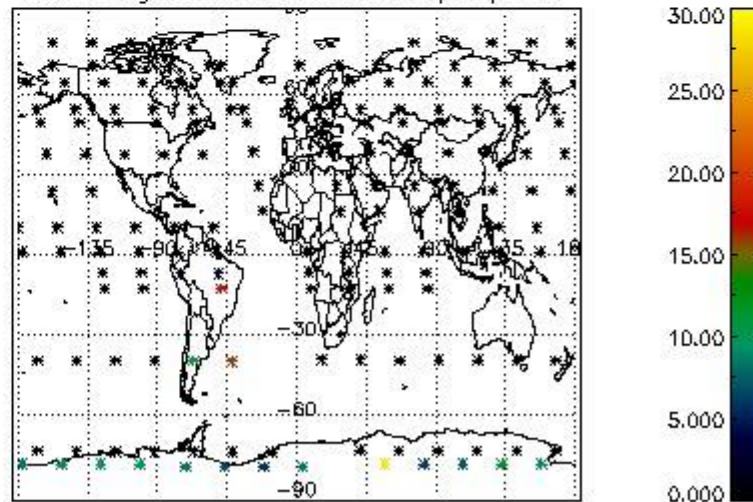
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

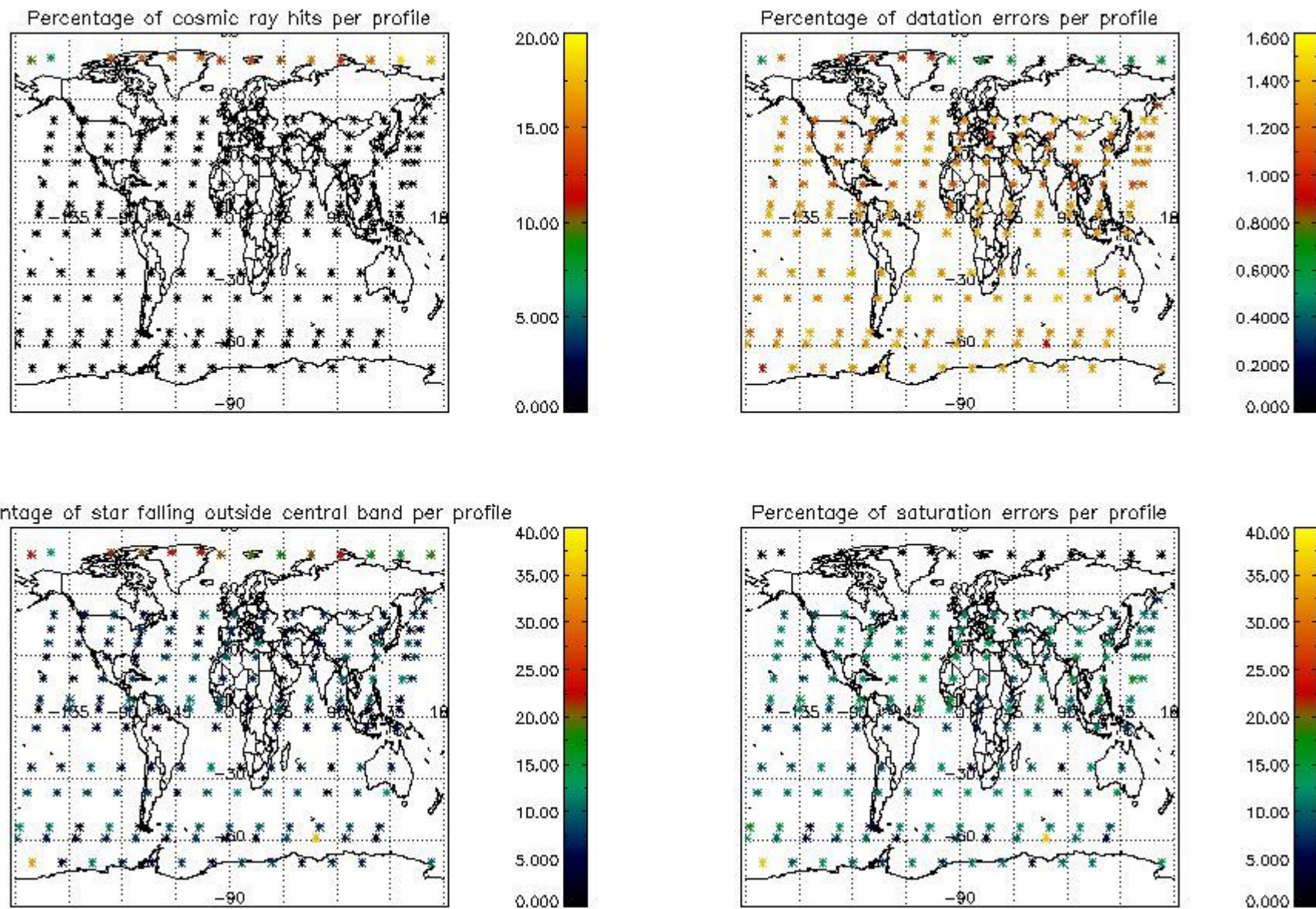


Percentage of saturation errors per profile



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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

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

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

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

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

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

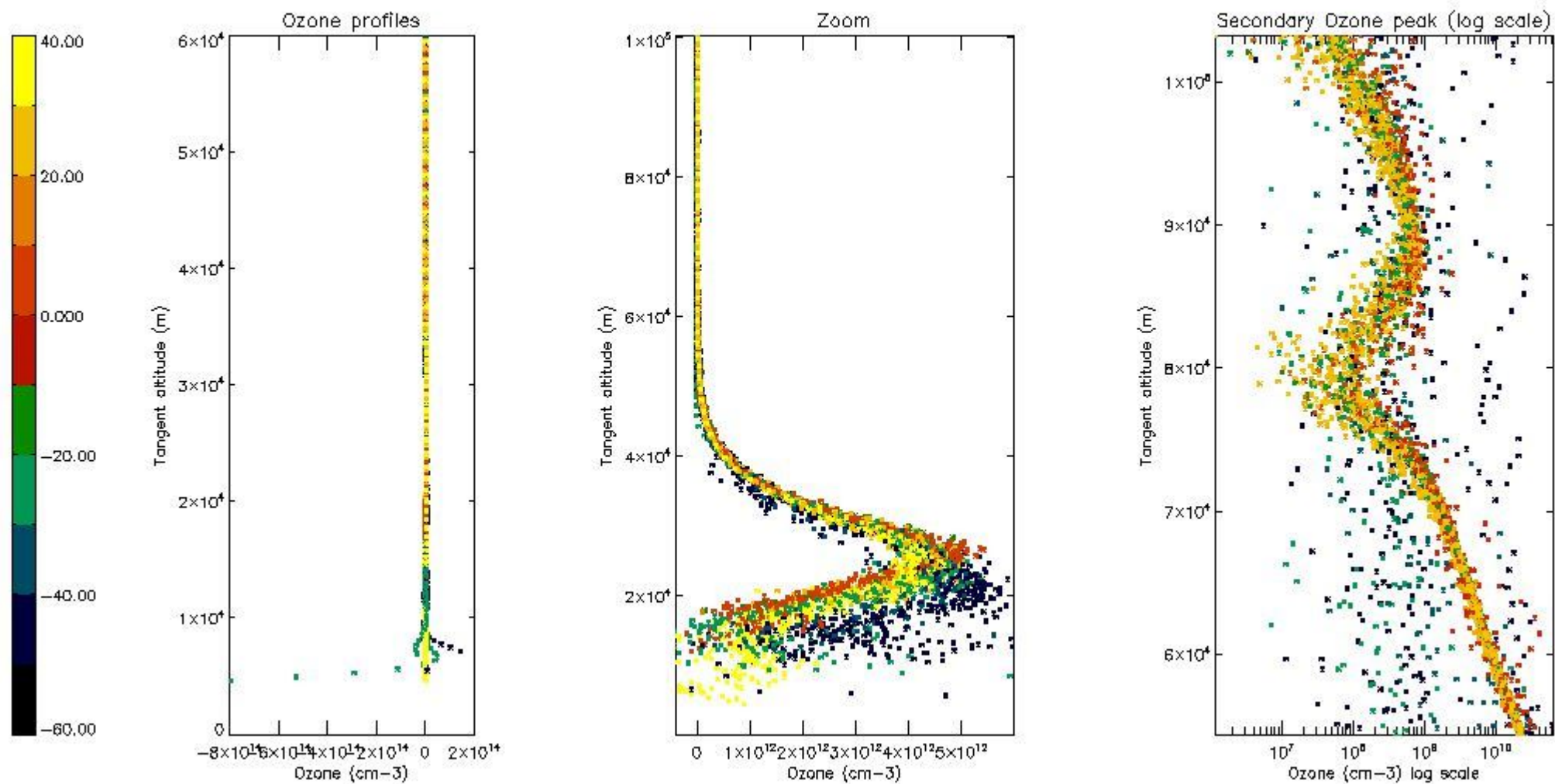
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	28
STD < 20	16

STD < 10	13
STD < 5	9

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

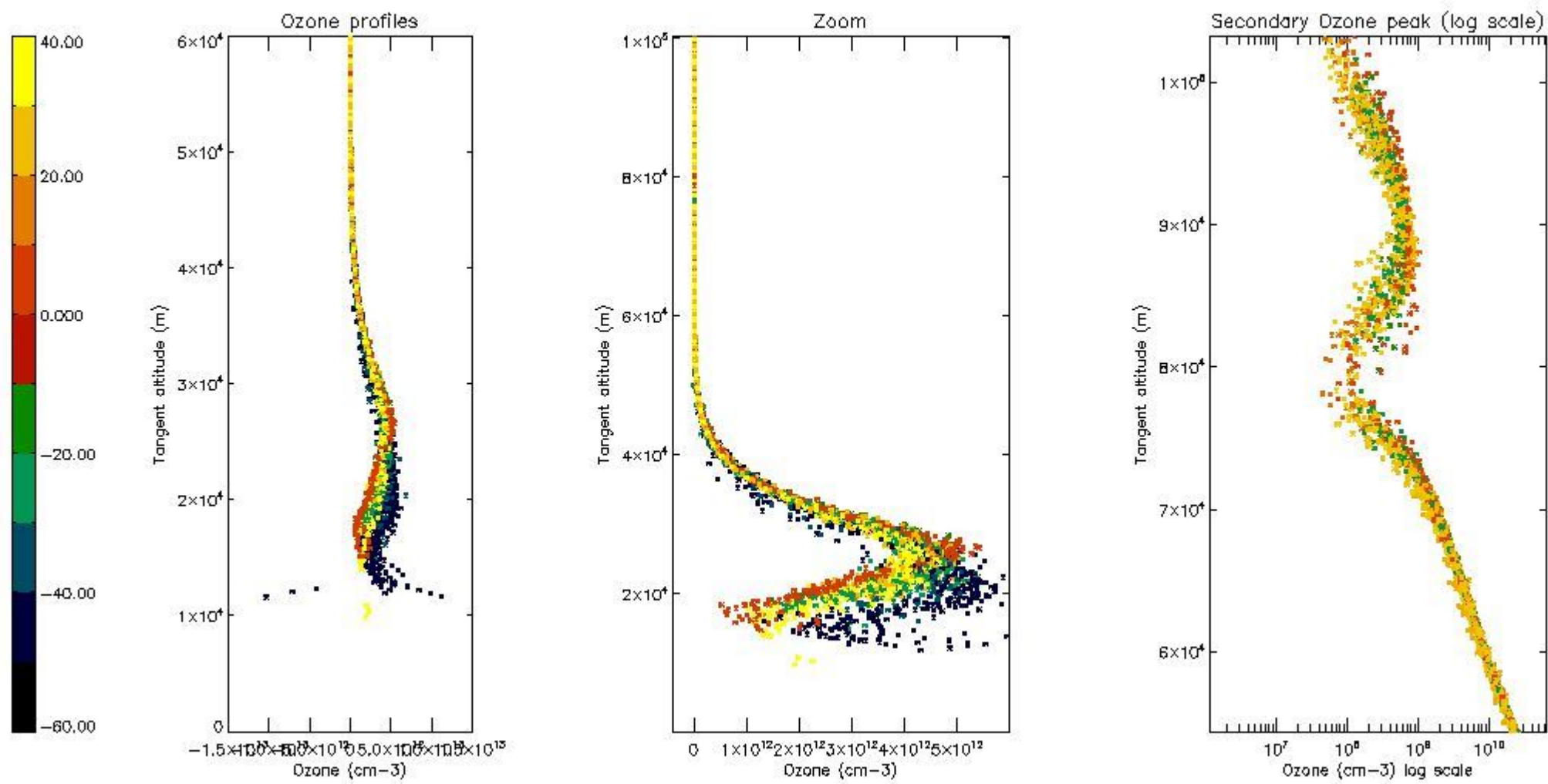
The colorbar represents the latitude.



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

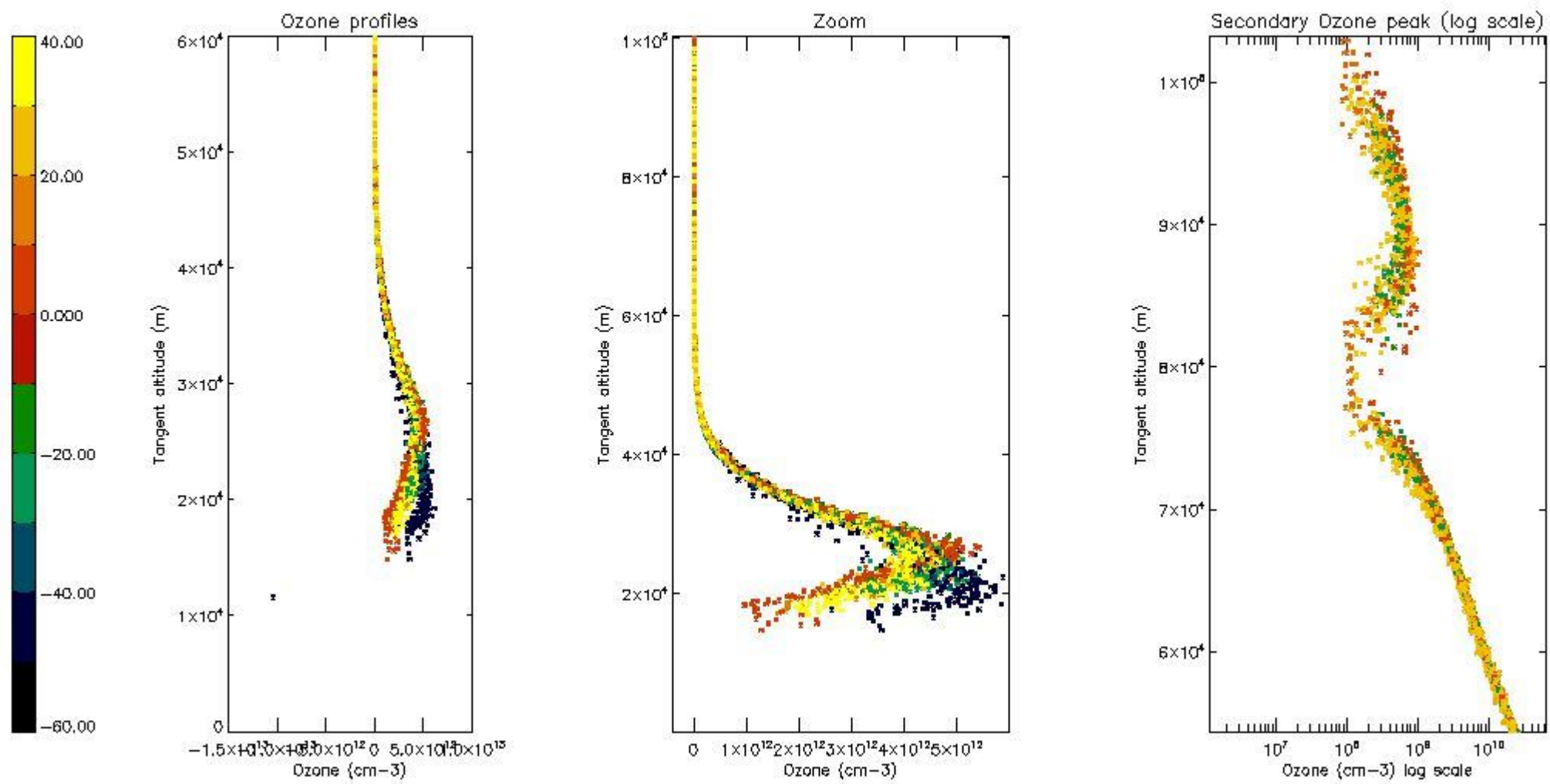
The colorbar represents the latitude.





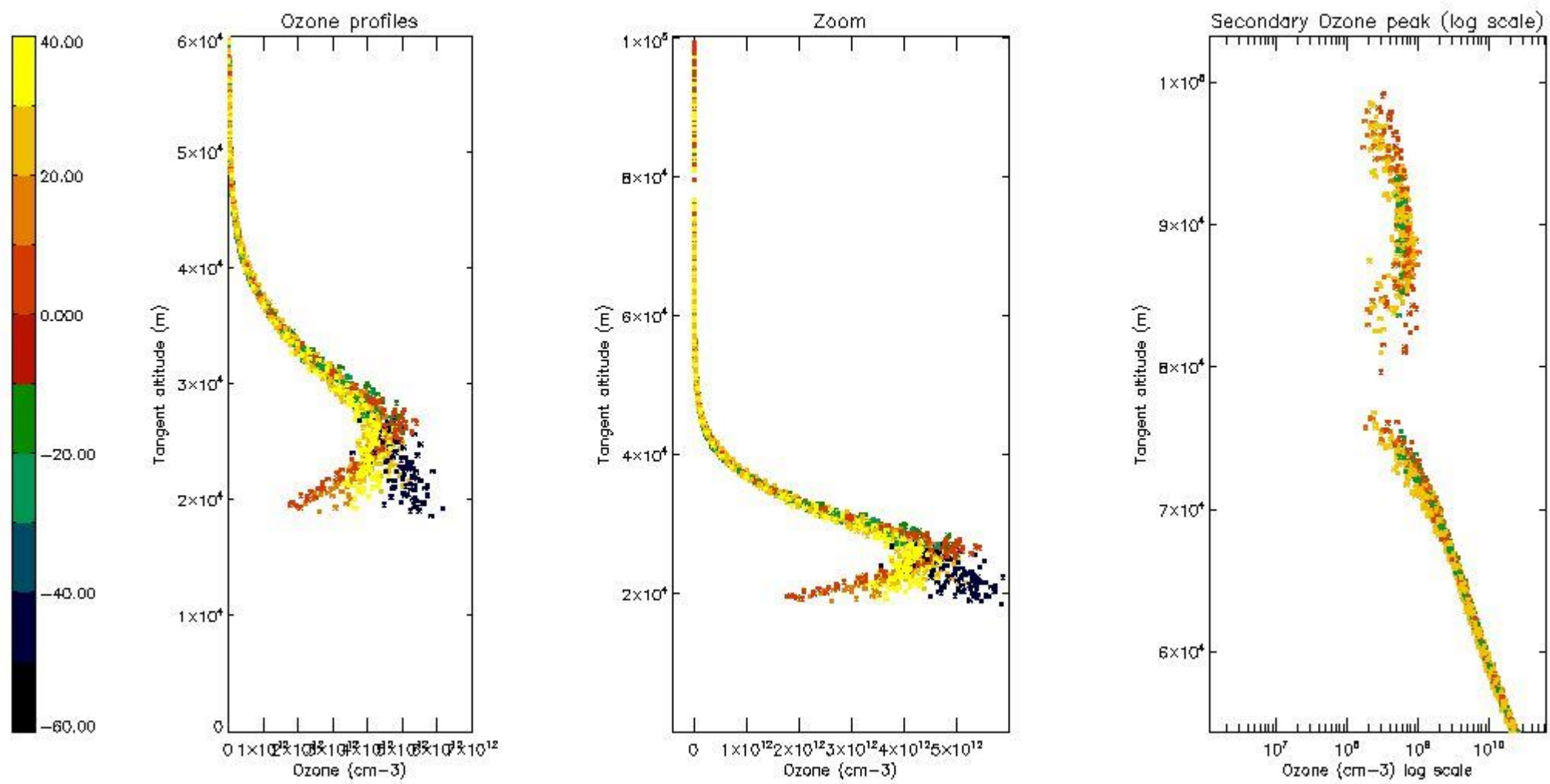
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



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

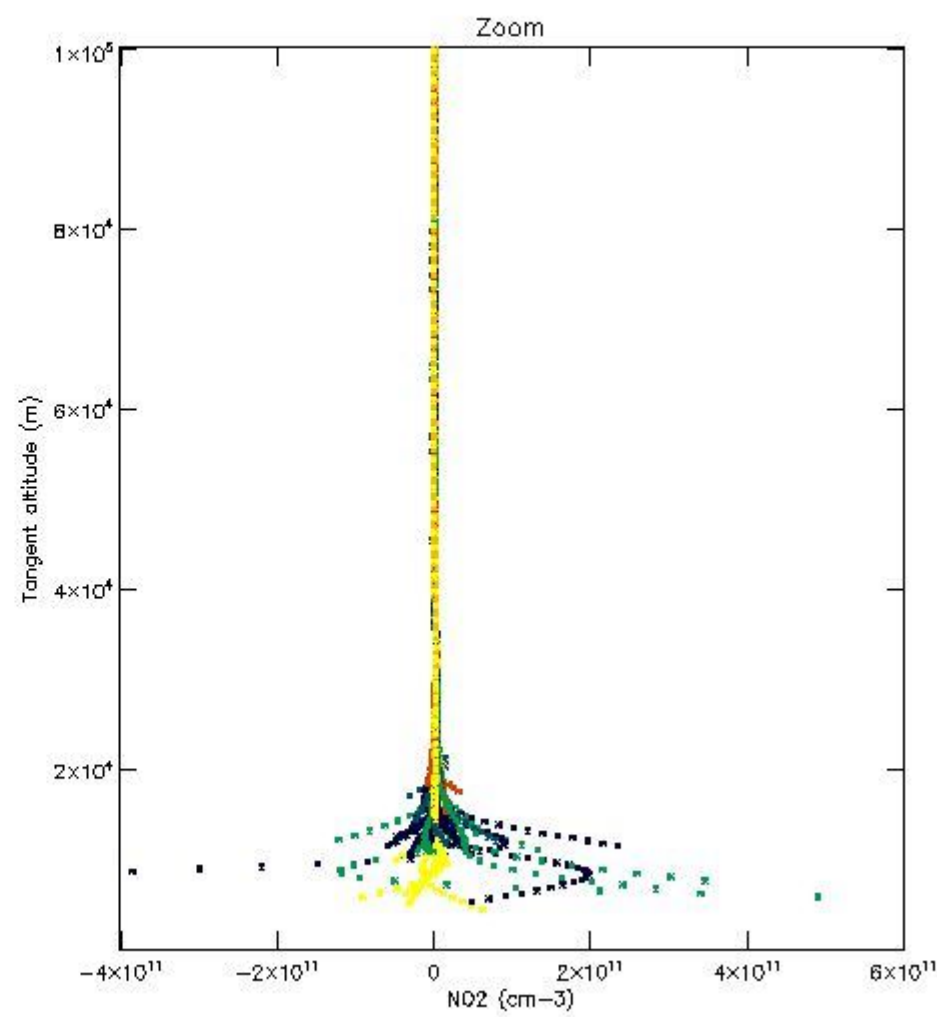
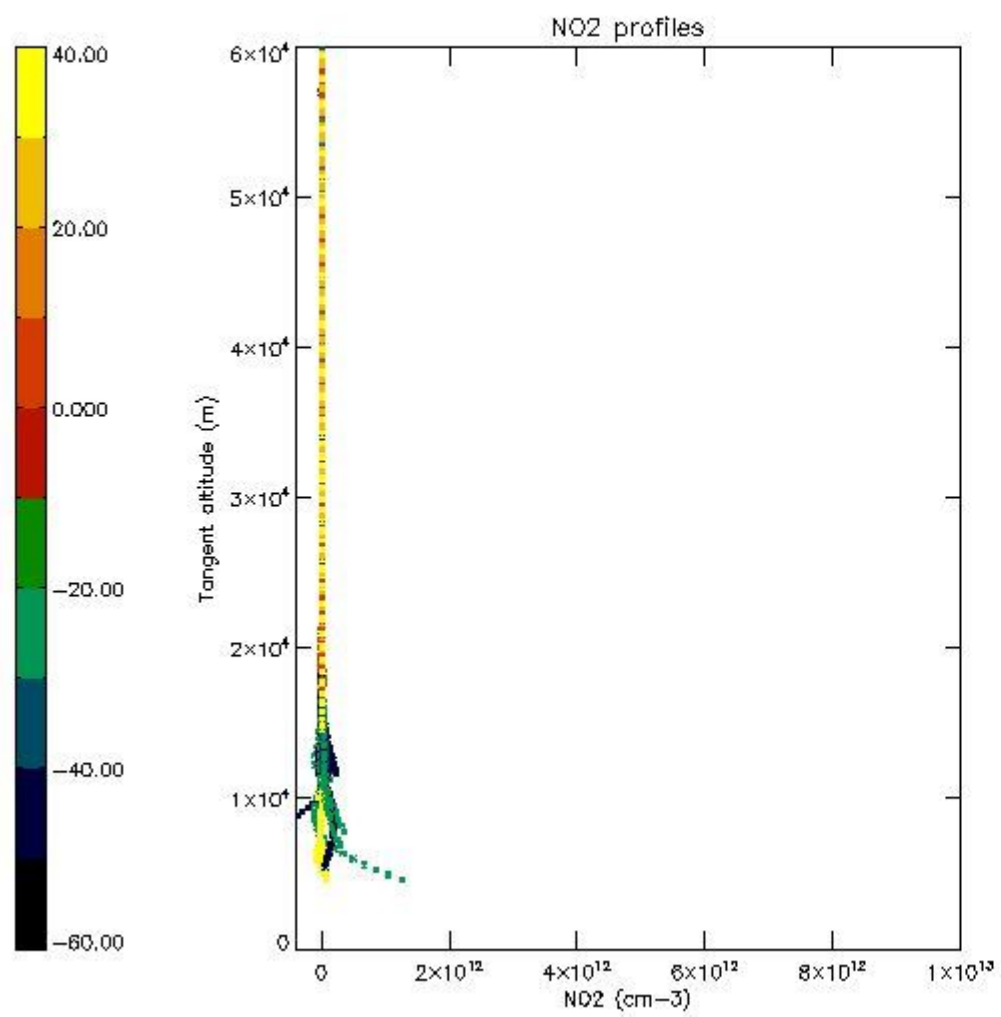
The colorbar represents the latitude.



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

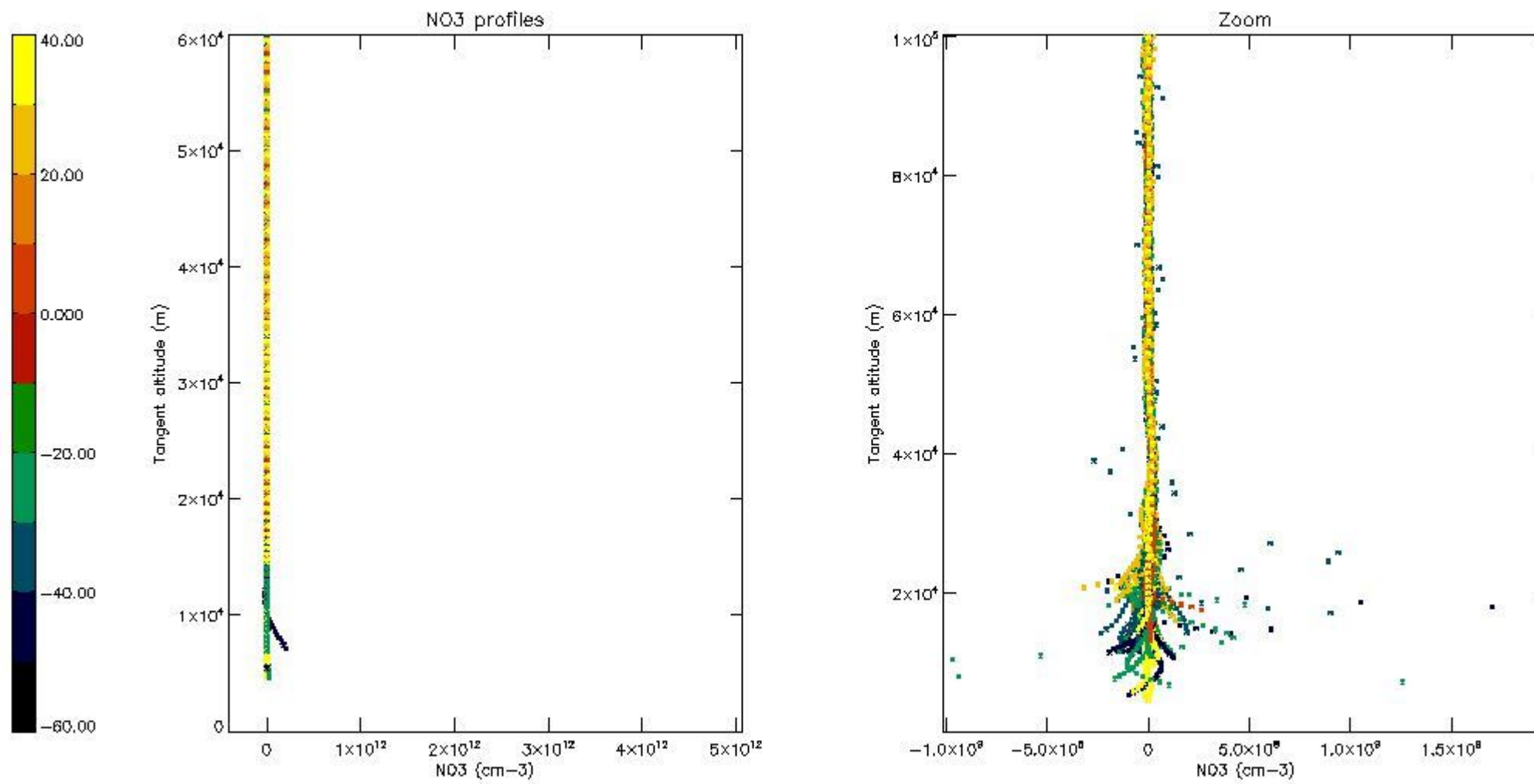
The colorbar represents the latitude.





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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	24-OCT-2003 00:01:17
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	24-OCT-2003 00:01:17
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	24-OCT-2003 00:01:17

# GOMOS Level 2 Daily Report

## SUMMARY

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



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

Item	Value
Time of report generation	19APR2013 22:42:28
Data source version	GOMOS/6.01
Start time of products	24-10-2003 (24OCT2003 00:00:00)
Stop time of products	25-10-2003 (25OCT2003 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	355
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__2PRFIN20031024_000117_000000402021_00045_08616_7114.N1	24-OCT-2003 00:01:17	Dark	39.500	9	Alp Eri	0.45300	24000.	79	8616	No
2	GOM_NL__2PRFIN20031024_000413_000000452021_00045_08616_7115.N1	24-OCT-2003 00:04:13	Straylight	45.000	157	The1Eri	2.9060	9300.0	90	8616	No
3	GOM_NL__2PRFIN20031024_000609_000000402021_00045_08616_7116.N1	24-OCT-2003 00:06:09	Straylight	39.500	84	Alp Phe	2.3970	4500.0	79	8616	No
4	GOM_NL__2PRFIN20031024_000904_000002062021_00045_08616_7117.N1	24-OCT-2003 00:09:04	Twilight	206.00	101	11Alp Lep	2.5820	7000.0	412	8616	No
5	GOM_NL__2PRFIN20031024_001317_000000892021_00045_08616_7118.N1	24-OCT-2003 00:13:17	Twilight	88.500	165	34Gam Eri	2.9500	3200.0	177	8616	No
6	GOM_NL__2PRFIN20031024_002212_000000372021_00045_08616_7119.N1	24-OCT-2003 00:22:12	Bright	37.000	140	88Gam Peg	2.8340	26000.	74	8616	No
7	GOM_NL__2PRFIN20031024_002420_000000432021_00045_08616_7120.N1	24-OCT-2003 00:24:20	Bright	42.500	105	6Bet Ari	2.6450	8900.0	85	8616	No
8	GOM_NL__2PRFIN20031024_002605_000000392021_00045_08616_7121.N1	24-OCT-2003 00:26:05	Bright	38.500	58	21Alp And	2.0730	11000.	77	8616	No
9	GOM_NL__2PRFIN20031024_002804_000000392021_00045_08616_7122.N1	24-OCT-2003 00:28:04	Bright	39.000	53	43Bet And	2.0480	3300.0	78	8616	No
10	GOM_NL__2PRFIN20031024_003102_000000462021_00045_08616_7123.N1	24-OCT-2003 00:31:02	Bright	46.000	73	57Gam1And	2.2600	13100.	92	8616	No
11	GOM_NL__2PRFIN20031024_003349_000000382021_00045_08616_7124.N1	24-OCT-2003 00:33:49	Bright	38.000	68	18Alp Cas	2.2250	4500.0	76	8616	No
12	GOM_NL__2PRFIN20031024_003506_000000382021_00045_08616_7125.N1	24-OCT-2003 00:35:06	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	8616	No
13	GOM_NL__2PRFIN20031024_003734_000000382021_00045_08616_7126.N1	24-OCT-2003 00:37:34	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	8616	No
14	GOM_NL__2PRFIN20031024_004302_000000382021_00045_08616_7127.N1	24-OCT-2003 00:43:02	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	8616	No
15	GOM_NL__2PRFIN20031024_004628_000000402021_00045_08616_7128.N1	24-OCT-2003 00:46:28	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	8616	No
16	GOM_NL__2PRFIN20031024_005117_000000392021_00045_08616_7129.N1	24-OCT-2003 00:51:17	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	8616	No
17	GOM_NL__2PRFIN20031024_005252_000000372021_00045_08616_7130.N1	24-OCT-2003 00:52:52	Bright	36.500	82	48Bet UMa	2.3650	10600.	73	8616	No
18	GOM_NL__2PRFIN20031024_005623_000000382021_00045_08616_7131.N1	24-OCT-2003 00:56:23	Bright	38.000	174	52Psi UMa	3.0040	4400.0	76	8616	No
19	GOM_NL__2PRFIN20031024_010323_000000372021_00045_08616_7132.N1	24-OCT-2003 01:03:23	Bright	37.000	96	68Del Leo	2.5600	9300.0	74	8616	No
20	GOM_NL__2PRFIN20031024_010523_000001772021_00045_08616_7133.N1	24-OCT-2003 01:05:23	Twilight	176.50	17	78Bet Gem	1.1610	4500.0	353	8616	No
21	GOM_NL__2PRFIN20031024_011522_000000602021_00045_08616_7134.N1	24-OCT-2003 01:15:22	Dark	60.000	48	30Alp Hya	1.9770	4100.0	120	8616	No
22	GOM_NL__2PRFIN20031024_012259_000000402021_00045_08616_7135.N1	24-OCT-2003 01:22:59	Dark	40.000	113	Mu Vel	2.6920	5000.0	80	8616	No
23	GOM_NL__2PRFIN20031024_012438_000000502021_00045_08616_7136.N1	24-OCT-2003 01:24:38	Dark	50.000	65	Lam Vel	2.2040	4400.0	100	8616	No
24	GOM_NL__2PRFIN20031024_012651_000000392021_00046_08617_7111.N1	24-OCT-2003 01:26:51	Dark	39.000	124	The Car	2.7640	30000.	78	8617	No
25	GOM_NL__2PRFIN20031024_012925_000000432021_00046_08617_7112.N1	24-OCT-2003 01:29:25	Dark	42.500	29	Bet Car	1.6720	10200.	85	8617	No
26	GOM_NL__2PRFIN20031024_013703_000000772021_00046_08617_7113.N1	24-OCT-2003 01:37:03	Dark	77.000	177	1Zet CMa	3.0220	26000.	154	8617	No
27	GOM_NL__2PRFIN20031024_014028_000000392021_00046_08617_7114.N1	24-OCT-2003 01:40:28	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	8617	No
28	GOM_NL__2PRFIN20031024_014153_000000422021_00046_08617_7115.N1	24-OCT-2003 01:41:53	Dark	42.000	9	Alp Eri	0.45300	24000.	84	8617	No
29	GOM_NL__2PRFIN20031024_014450_000000442021_00046_08617_7116.N1	24-OCT-2003 01:44:50	Straylight	43.500	157	The1Eri	2.9060	9300.0	87	8617	No
30	GOM_NL__2PRFIN20031024_014645_000000422021_00046_08617_7117.N1	24-OCT-2003 01:46:45	Straylight	42.000	84	Alp Phe	2.3970	4500.0	84	8617	No
31	GOM_NL__2PRFIN20031024_014941_000002132021_00046_08617_7118.N1	24-OCT-2003 01:49:41	Twilight	213.00	101	11Alp Lep	2.5820	7000.0	426	8617	No
32	GOM_NL__2PRFIN20031024_015353_000000832021_00046_08617_7119.N1	24-OCT-2003 01:53:53	Twilight	83.000	165	34Gam Eri	2.9500	3200.0	166	8617	No
33	GOM_NL__2PRFIN20031024_020248_000000362021_00046_08617_7120.N1	24-OCT-2003 02:02:48	Bright	35.500	140	88Gam Peg	2.8340	26000.	71	8617	No
34	GOM_NL__2PRFIN20031024_020456_000000432021_00046_08617_7121.N1	24-OCT-2003 02:04:56	Bright	42.500	105	6Bet Ari	2.6450	8900.0	85	8617	No
35	GOM_NL__2PRFIN20031024_020641_000000382021_00046_08617_7122.N1	24-OCT-2003 02:06:41	Bright	38.000	58	21Alp And	2.0730	11000.	76	8617	No
36	GOM_NL__2PRFIN20031024_020840_000000412021_00046_08617_7123.N1	24-OCT-2003 02:08:40	Bright	40.500	53	43Bet And	2.0480	3300.0	81	8617	No
37	GOM_NL__2PRFIN20031024_021138_000000452021_00046_08617_7124.N1	24-OCT-2003 02:11:38	Bright	44.500	73	57Gam1And	2.2600	13100.	89	8617	No
38	GOM_NL__2PRFIN20031024_021425_000000402021_00046_08617_7125.N1	24-OCT-2003 02:14:25	Bright	39.500	68	18Alp Cas	2.2250	4500.0	79	8617	No
39	GOM_NL__2PRFIN20031024_021542_000000382021_00046_08617_7126.N1	24-OCT-2003 02:15:42	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	8617	No
40	GOM_NL__2PRFIN20031024_021811_000000382021_00046_08617_7127.N1	24-OCT-2003 02:18:11	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	8617	No
41	GOM_NL__2PRFIN20031024_022338_000000382021_00046_08617_7128.N1	24-OCT-2003 02:23:38	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	8617	No
42	GOM_NL__2PRFIN20031024_022704_000000382021_00046_08617_7129.N1	24-OCT-2003 02:27:04	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	8617	No

43	GOM_NL__2PRFIN20031024_023153_000000402021_00046_08617_7130.N1	24-OCT-2003 02:31:53	Bright	40.000	36	50Alp UMa	1.8000	6300.0	80	8617	No
44	GOM_NL__2PRFIN20031024_023328_000000392021_00046_08617_7131.N1	24-OCT-2003 02:33:28	Bright	38.500	82	48Bet UMa	2.3650	10600.	77	8617	No
45	GOM_NL__2PRFIN20031024_023659_000000392021_00046_08617_7132.N1	24-OCT-2003 02:36:59	Bright	38.500	174	52Psi UMa	3.0040	4400.0	77	8617	No
46	GOM_NL__2PRFIN20031024_024359_000000372021_00046_08617_7133.N1	24-OCT-2003 02:43:59	Bright	36.500	96	68Del Leo	2.5600	9300.0	73	8617	No
47	GOM_NL__2PRFIN20031024_024600_000001662021_00046_08617_7134.N1	24-OCT-2003 02:46:00	Tw_i_and_stray	165.50	17	78Bet Gem	1.1610	4500.0	331	8617	No
48	GOM_NL__2PRFIN20031024_025559_000000572021_00046_08617_7135.N1	24-OCT-2003 02:55:59	Dark	56.500	48	30Alp Hya	1.9770	4100.0	113	8617	No
49	GOM_NL__2PRFIN20031024_030513_000000522021_00046_08617_7136.N1	24-OCT-2003 03:05:13	Dark	52.000	65	Lam Vel	2.2040	4400.0	104	8617	No
50	GOM_NL__2PRFIN20031024_030727_000000372021_00047_08618_7111.N1	24-OCT-2003 03:07:27	Dark	37.000	124	The Car	2.7640	30000.	74	8618	No
51	GOM_NL__2PRFIN20031024_031001_000000412021_00047_08618_7112.N1	24-OCT-2003 03:10:01	Dark	40.500	29	Bet Car	1.6720	10200.	81	8618	No
52	GOM_NL__2PRFIN20031024_031740_000000762021_00047_08618_7113.N1	24-OCT-2003 03:17:40	Dark	76.000	177	1Zet CMa	3.0220	26000.	152	8618	No
53	GOM_NL__2PRFIN20031024_032104_000000382021_00047_08618_7114.N1	24-OCT-2003 03:21:04	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	8618	No
54	GOM_NL__2PRFIN20031024_032229_000000512021_00047_08618_7115.N1	24-OCT-2003 03:22:29	Dark	51.000	9	Alp Eri	0.45300	24000.	102	8618	No
55	GOM_NL__2PRFIN20031024_032525_000000472021_00047_08618_7116.N1	24-OCT-2003 03:25:25	Straylight	46.500	157	The1Eri	2.9060	9300.0	93	8618	No
56	GOM_NL__2PRFIN20031024_032721_000000442021_00047_08618_7117.N1	24-OCT-2003 03:27:21	Straylight	43.500	84	Alp Phe	2.3970	4500.0	87	8618	No
57	GOM_NL__2PRFIN20031024_033018_0000002132021_00047_08618_7118.N1	24-OCT-2003 03:30:18	Tw_i_and_stray	213.00	101	11Alp Lep	2.5820	7000.0	426	8618	No
58	GOM_NL__2PRFIN20031024_033429_000000802021_00047_08618_7119.N1	24-OCT-2003 03:34:29	Tw_i_and_stray	80.000	165	34Gam Eri	2.9500	3200.0	160	8618	No
59	GOM_NL__2PRFIN20031024_034323_000000372021_00047_08618_7120.N1	24-OCT-2003 03:43:23	Bright	36.500	140	88Gam Peg	2.8340	26000.	73	8618	No
60	GOM_NL__2PRFIN20031024_034531_000000442021_00047_08618_7121.N1	24-OCT-2003 03:45:31	Bright	44.000	105	6Bet Ari	2.6450	8900.0	88	8618	No
61	GOM_NL__2PRFIN20031024_034716_000000382021_00047_08618_7122.N1	24-OCT-2003 03:47:16	Bright	38.000	58	21Alp And	2.0730	11000.	76	8618	No
62	GOM_NL__2PRFIN20031024_034915_000000422021_00047_08618_7123.N1	24-OCT-2003 03:49:15	Bright	41.500	53	43Bet And	2.0480	3300.0	83	8618	No
63	GOM_NL__2PRFIN20031024_035213_000000452021_00047_08618_7124.N1	24-OCT-2003 03:52:13	Bright	45.000	73	57Gam1And	2.2600	13100.	90	8618	No
64	GOM_NL__2PRFIN20031024_035501_000000382021_00047_08618_7125.N1	24-OCT-2003 03:55:01	Bright	38.000	68	18Alp Cas	2.2250	4500.0	76	8618	No
65	GOM_NL__2PRFIN20031024_035617_000000382021_00047_08618_7126.N1	24-OCT-2003 03:56:17	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	8618	No
66	GOM_NL__2PRFIN20031024_035847_000000382021_00047_08618_7127.N1	24-OCT-2003 03:58:47	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	8618	No
67	GOM_NL__2PRFIN20031024_040413_000000362021_00047_08618_7128.N1	24-OCT-2003 04:04:13	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	8618	No
68	GOM_NL__2PRFIN20031024_040740_000000352021_00047_08618_7129.N1	24-OCT-2003 04:07:40	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	8618	No
69	GOM_NL__2PRFIN20031024_041228_000000402021_00047_08618_7130.N1	24-OCT-2003 04:12:28	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	8618	No
70	GOM_NL__2PRFIN20031024_041404_000000542021_00047_08618_7131.N1	24-OCT-2003 04:14:04	Bright	54.000	82	48Bet UMa	2.3650	10600.	108	8618	No
71	GOM_NL__2PRFIN20031024_041735_000000362021_00047_08618_7132.N1	24-OCT-2003 04:17:35	Bright	36.000	174	52Psi UMa	3.0040	4400.0	72	8618	No
72	GOM_NL__2PRFIN20031024_042435_000000372021_00047_08618_7133.N1	24-OCT-2003 04:24:35	Bright	36.500	96	68Del Leo	2.5600	9300.0	73	8618	No
73	GOM_NL__2PRFIN20031024_042637_000001482021_00047_08618_7134.N1	24-OCT-2003 04:26:37	Tw_i_and_stray	147.50	17	78Bet Gem	1.1610	4500.0	295	8618	No
74	GOM_NL__2PRFIN20031024_043636_000000602021_00047_08618_7135.N1	24-OCT-2003 04:36:36	Dark	60.000	48	30Alp Hya	1.9770	4100.0	120	8618	No
75	GOM_NL__2PRFIN20031024_044411_000000422021_00047_08618_7136.N1	24-OCT-2003 04:44:11	Dark	42.000	113	Mu Vel	2.6920	5000.0	84	8618	No
76	GOM_NL__2PRFIN20031024_044551_000000492021_00047_08618_7137.N1	24-OCT-2003 04:45:51	Dark	48.500	65	Lam Vel	2.2040	4400.0	97	8618	No
77	GOM_NL__2PRFIN20031024_044803_000000382021_00048_08619_7111.N1	24-OCT-2003 04:48:03	Dark	38.000	124	The Car	2.7640	30000.	76	8619	No
78	GOM_NL__2PRFIN20031024_045037_000000402021_00048_08619_7112.N1	24-OCT-2003 04:50:37	Dark	39.500	29	Bet Car	1.6720	10200.	79	8619	No
79	GOM_NL__2PRFIN20031024_045818_000000732021_00048_08619_7113.N1	24-OCT-2003 04:58:18	Dark	73.000	177	1Zet CMa	3.0220	26000.	146	8619	No
80	GOM_NL__2PRFIN20031024_050140_000000402021_00048_08619_7114.N1	24-OCT-2003 05:01:40	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	8619	No
81	GOM_NL__2PRFIN20031024_050305_000000522021_00048_08619_7115.N1	24-OCT-2003 05:03:05	Dark	52.000	9	Alp Eri	0.45300	24000.	104	8619	No
82	GOM_NL__2PRFIN20031024_050602_000000452021_00048_08619_7116.N1	24-OCT-2003 05:06:02	Straylight	45.000	157	The1Eri	2.9060	9300.0	90	8619	No
83	GOM_NL__2PRFIN20031024_050757_000000432021_00048_08619_7117.N1	24-OCT-2003 05:07:57	Straylight	43.000	84	Alp Phe	2.3970	4500.0	86	8619	No
84	GOM_NL__2PRFIN20031024_051054_0000002132021_00048_08619_7118.N1	24-OCT-2003 05:10:54	Tw_i_and_stray	213.00	101	11Alp Lep	2.5820	7000.0	426	8619	No
85	GOM_NL__2PRFIN20031024_051504_000000822021_00048_08619_7119.N1	24-OCT-2003 05:15:04	Tw_i_and_stray	82.000	165	34Gam Eri	2.9500	3200.0	164	8619	No
86	GOM_NL__2PRFIN20031024_052359_000000382021_00048_08619_7120.N1	24-OCT-2003 05:23:59	Bright	37.500	140	88Gam Peg	2.8340	26000.	75	8619	No
87	GOM_NL__2PRFIN20031024_052607_000000452021_00048_08619_7121.N1	24-OCT-2003 05:26:07	Bright	44.500	105	6Bet Ari	2.6450	8900.0	89	8619	No
88	GOM_NL__2PRFIN20031024_052752_000000382021_00048_08619_7122.N1	24-OCT-2003 05:27:52	Bright	37.500	58	21Alp And	2.0730	11000.	75	8619	No
89	GOM_NL__2PRFIN20031024_052951_000000392021_00048_08619_7123.N1	24-OCT-2003 05:29:51	Bright	39.000	53	43Bet And	2.0480	3300.0	78	8619	No
90	GOM_NL__2PRFIN20031024_053249_000000442021_00048_08619_7124.N1	24-OCT-2003 05:32:49	Bright	44.000	73	57Gam1And	2.2600	13100.	88	8619	No
91	GOM_NL__2PRFIN20031024_053537_000000402021_00048_08619_7125.N1	24-OCT-2003 05:35:37	Bright	40.000	68	18Alp Cas	2.2250	4500.0	80	8619	No
92	GOM_NL__2PRFIN20031024_053653_000000382021_00048_08619_7126.N1	24-OCT-2003 05:36:53	Bright	38.000	76	27Gam Cas	2.3000	30000.	76	8619	No
93	GOM_NL__2PRFIN20031024_053923_000000392021_00048_08619_7127.N1	24-OCT-2003 05:39:23	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	8619	No
94	GOM_NL__2PRFIN20031024_054450_000000382021_00048_08619_7128.N1	24-OCT-2003 05:44:50	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	8619	No
95	GOM_NL__2PRFIN20031024_054817_000000392021_00048_08619_7129.N1	24-OCT-2003 05:48:17	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	8619	No
96	GOM_NL__2PRFIN20031024_055304_000000402021_00048_08619_7130.N1	24-OCT-2003 05:53:04	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	8619	No
97	GOM_NL__2PRFIN20031024_055440_000000392021_00048_08619_7131.N1	24-OCT-2003 05:54:40	Bright	38.500	82	48Bet UMa	2.3650	10600.	77	8619	No
98	GOM_NL__2PRFIN20031024_055811_000000382021_00048_08619_7132.N1	24-OCT-2003 05:58:11	Bright	38.000	174	52Psi UMa	3.0040	4400.0	76	8619	No
99	GOM_NL__2PRFIN20031024_060511_000000372021_00048_08619_7133.N1	24-OCT-2003 06:05:11	Bright	37.000	96	68Del Leo	2.5600	9300.0	74	8619	No
100	GOM_NL__2PRFIN20031024_060714_000001732021_00048_08619_7134.N1	24-OCT-2003 06:07:14	Tw_i_and_stray	173.00	17	78Bet Gem	1.1610	4500.0	346	8619	No
101	GOM_NL__2PRFIN20031024_061713_000000682021_00048_08619_7135.N1	24-OCT-2003 06:17:13	Dark	67.500	48	30Alp Hya	1.9770	4100.0	135	8619	No

102	GOM_NL__2PRFIN20031024_062447_000000432021_00048_08619_7136.N1	24-OCT-2003 06:24:47	Dark	42.500	113	Mu Vel	2.6920	5000.0	85	8619	No
103	GOM_NL__2PRFIN20031024_062628_000000592021_00048_08619_7137.N1	24-OCT-2003 06:26:28	Dark	59.000	65	Lam Vel	2.2040	4400.0	118	8619	No
104	GOM_NL__2PRFIN20031024_062840_000000372021_00049_08620_7111.N1	24-OCT-2003 06:28:40	Dark	37.000	124	The Car	2.7640	30000.	74	8620	No
105	GOM_NL__2PRFIN20031024_063114_000000392021_00049_08620_7112.N1	24-OCT-2003 06:31:14	Dark	39.000	29	Bet Car	1.6720	10200.	78	8620	No
106	GOM_NL__2PRFIN20031024_063459_000000812021_00049_08620_7113.N1	24-OCT-2003 06:34:59	Dark	81.000	23	21Eps CMa	1.5020	26000.	162	8620	No
107	GOM_NL__2PRFIN20031024_063856_000000762021_00049_08620_7114.N1	24-OCT-2003 06:38:56	Dark	75.500	177	1Zet CMa	3.0220	26000.	151	8620	No
108	GOM_NL__2PRFIN20031024_064216_000000412021_00049_08620_7115.N1	24-OCT-2003 06:42:16	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	8620	No
109	GOM_NL__2PRFIN20031024_064341_000000462021_00049_08620_7116.N1	24-OCT-2003 06:43:41	Dark	46.000	9	Alp Eri	0.45300	24000.	92	8620	No
110	GOM_NL__2PRFIN20031024_064638_000000432021_00049_08620_7117.N1	24-OCT-2003 06:46:38	Straylight	42.500	157	The1Eri	2.9060	9300.0	85	8620	No
111	GOM_NL__2PRFIN20031024_064833_000000432021_00049_08620_7118.N1	24-OCT-2003 06:48:33	Straylight	42.500	84	Alp Phe	2.3970	4500.0	85	8620	No
112	GOM_NL__2PRFIN20031024_065131_000002132021_00049_08620_7119.N1	24-OCT-2003 06:51:31	Tw_i_and_stray	212.50	101	11Alp Lep	2.5820	7000.0	425	8620	No
113	GOM_NL__2PRFIN20031024_065540_000000872021_00049_08620_7120.N1	24-OCT-2003 06:55:40	Tw_i_and_stray	86.500	165	34Gam Eri	2.9500	3200.0	173	8620	No
114	GOM_NL__2PRFIN20031024_070435_000000382021_00049_08620_7121.N1	24-OCT-2003 07:04:35	Bright	38.000	140	88Gam Peg	2.8340	26000.	76	8620	No
115	GOM_NL__2PRFIN20031024_070643_000000422021_00049_08620_7122.N1	24-OCT-2003 07:06:43	Bright	42.000	105	6Bet Ari	2.6450	8900.0	84	8620	No
116	GOM_NL__2PRFIN20031024_070829_000000372021_00049_08620_7123.N1	24-OCT-2003 07:08:29	Bright	37.000	58	21Alp And	2.0730	11000.	74	8620	No
117	GOM_NL__2PRFIN20031024_071027_000000392021_00049_08620_7124.N1	24-OCT-2003 07:10:27	Bright	39.000	53	43Bet And	2.0480	3300.0	78	8620	No
118	GOM_NL__2PRFIN20031024_071324_000000422021_00049_08620_7125.N1	24-OCT-2003 07:13:24	Bright	41.500	73	57Gam1And	2.2600	13100.	83	8620	No
119	GOM_NL__2PRFIN20031024_071612_000000372021_00049_08620_7126.N1	24-OCT-2003 07:16:12	Bright	37.000	68	18Alp Cas	2.2250	4500.0	74	8620	No
120	GOM_NL__2PRFIN20031024_071729_000000402021_00049_08620_7127.N1	24-OCT-2003 07:17:29	Bright	39.500	76	27Gam Cas	2.3000	30000.	79	8620	No
121	GOM_NL__2PRFIN20031024_071959_000000382021_00049_08620_7128.N1	24-OCT-2003 07:19:59	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	8620	No
122	GOM_NL__2PRFIN20031024_072526_000000382021_00049_08620_7129.N1	24-OCT-2003 07:25:26	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	8620	No
123	GOM_NL__2PRFIN20031024_072853_000000382021_00049_08620_7130.N1	24-OCT-2003 07:28:53	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	8620	No
124	GOM_NL__2PRFIN20031024_073341_000000402021_00049_08620_7131.N1	24-OCT-2003 07:33:41	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	8620	No
125	GOM_NL__2PRFIN20031024_073516_000000372021_00049_08620_7132.N1	24-OCT-2003 07:35:16	Bright	36.500	82	48Bet UMa	2.3650	10600.	73	8620	No
126	GOM_NL__2PRFIN20031024_073847_000000382021_00049_08620_7133.N1	24-OCT-2003 07:38:47	Bright	38.000	174	52Psi UMa	3.0040	4400.0	76	8620	No
127	GOM_NL__2PRFIN20031024_074609_000000492021_00049_08620_7134.N1	24-OCT-2003 07:46:09	Bright	49.000	166	17Eps Leo	2.9800	6000.0	98	8620	No
128	GOM_NL__2PRFIN20031024_074751_000001862021_00049_08620_7135.N1	24-OCT-2003 07:47:51	Tw_i_and_stray	185.50	17	78Bet Gem	1.1610	4500.0	371	8620	No
129	GOM_NL__2PRFIN20031024_075750_000000582021_00049_08620_7136.N1	24-OCT-2003 07:57:50	Dark	57.500	48	30Alp Hya	1.9770	4100.0	115	8620	No
130	GOM_NL__2PRFIN20031024_080916_000000382021_00050_08621_7111.N1	24-OCT-2003 08:09:16	Dark	37.500	124	The Car	2.7640	30000.	75	8621	No
131	GOM_NL__2PRFIN20031024_081150_000000402021_00050_08621_7112.N1	24-OCT-2003 08:11:50	Dark	39.500	29	Bet Car	1.6720	10200.	79	8621	No
132	GOM_NL__2PRFIN20031024_081537_000000762021_00050_08621_7113.N1	24-OCT-2003 08:15:37	Dark	76.000	23	21Eps CMa	1.5020	26000.	152	8621	No
133	GOM_NL__2PRFIN20031024_081933_000000762021_00050_08621_7114.N1	24-OCT-2003 08:19:33	Dark	76.000	177	1Zet CMa	3.0220	26000.	152	8621	No
134	GOM_NL__2PRFIN20031024_082252_000000392021_00050_08621_7115.N1	24-OCT-2003 08:22:52	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	8621	No
135	GOM_NL__2PRFIN20031024_082417_000000432021_00050_08621_7116.N1	24-OCT-2003 08:24:17	Dark	43.000	9	Alp Eri	0.45300	24000.	86	8621	No
136	GOM_NL__2PRFIN20031024_082714_000000442021_00050_08621_7117.N1	24-OCT-2003 08:27:14	Straylight	44.000	157	The1Eri	2.9060	9300.0	88	8621	No
137	GOM_NL__2PRFIN20031024_082909_000000432021_00050_08621_7118.N1	24-OCT-2003 08:29:09	Straylight	43.000	84	Alp Phe	2.3970	4500.0	86	8621	No
138	GOM_NL__2PRFIN20031024_083207_000002112021_00050_08621_7119.N1	24-OCT-2003 08:32:07	Tw_i_and_stray	211.00	101	11Alp Lep	2.5820	7000.0	422	8621	No
139	GOM_NL__2PRFIN20031024_083616_000000852021_00050_08621_7120.N1	24-OCT-2003 08:36:16	Tw_i_and_stray	84.500	165	34Gam Eri	2.9500	3200.0	169	8621	No
140	GOM_NL__2PRFIN20031024_084511_000000382021_00050_08621_7121.N1	24-OCT-2003 08:45:11	Bright	37.500	140	88Gam Peg	2.8340	26000.	75	8621	No
141	GOM_NL__2PRFIN20031024_084718_000000452021_00050_08621_7122.N1	24-OCT-2003 08:47:18	Bright	45.000	105	6Bet Ari	2.6450	8900.0	90	8621	No
142	GOM_NL__2PRFIN20031024_084905_000000392021_00050_08621_7123.N1	24-OCT-2003 08:49:05	Bright	39.000	58	21Alp And	2.0730	11000.	78	8621	No
143	GOM_NL__2PRFIN20031024_085102_000000422021_00050_08621_7124.N1	24-OCT-2003 08:51:02	Bright	42.000	53	43Bet And	2.0480	3300.0	84	8621	No
144	GOM_NL__2PRFIN20031024_085359_000000442021_00050_08621_7125.N1	24-OCT-2003 08:53:59	Bright	44.000	73	57Gam1And	2.2600	13100.	88	8621	No
145	GOM_NL__2PRFIN20031024_085648_000000372021_00050_08621_7126.N1	24-OCT-2003 08:56:48	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	8621	No
146	GOM_NL__2PRFIN20031024_085805_000000372021_00050_08621_7127.N1	24-OCT-2003 08:58:05	Bright	37.000	76	27Gam Cas	2.3000	30000.	74	8621	No
147	GOM_NL__2PRFIN20031024_090036_000000362021_00050_08621_7128.N1	24-OCT-2003 09:00:36	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	8621	No
148	GOM_NL__2PRFIN20031024_090601_000000362021_00050_08621_7129.N1	24-OCT-2003 09:06:01	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	8621	No
149	GOM_NL__2PRFIN20031024_090929_000000392021_00050_08621_7130.N1	24-OCT-2003 09:09:29	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	8621	No
150	GOM_NL__2PRFIN20031024_091416_000000402021_00050_08621_7131.N1	24-OCT-2003 09:14:16	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	8621	No
151	GOM_NL__2PRFIN20031024_091552_000000382021_00050_08621_7132.N1	24-OCT-2003 09:15:52	Bright	37.500	82	48Bet UMa	2.3650	10600.	75	8621	No
152	GOM_NL__2PRFIN20031024_091923_000000372021_00050_08621_7133.N1	24-OCT-2003 09:19:23	Bright	36.500	174	52Psi UMa	3.0040	4400.0	73	8621	No
153	GOM_NL__2PRFIN20031024_092645_000000502021_00050_08621_7134.N1	24-OCT-2003 09:26:45	Bright	49.500	166	17Eps Leo	2.9800	6000.0	99	8621	No
154	GOM_NL__2PRFIN20031024_092828_000002022021_00050_08621_7135.N1	24-OCT-2003 09:28:28	Tw_i_and_stray	202.00	17	78Bet Gem	1.1610	4500.0	404	8621	No
155	GOM_NL__2PRFIN20031024_093827_000000552021_00050_08621_7136.N1	24-OCT-2003 09:38:27	Dark	55.000	48	30Alp Hya	1.9770	4100.0	110	8621	No
156	GOM_NL__2PRFIN20031024_094952_000000382021_00051_08622_7111.N1	24-OCT-2003 09:49:52	Dark	37.500	124	The Car	2.7640	30000.	75	8622	No
157	GOM_NL__2PRFIN20031024_095226_000000402021_00051_08622_7112.N1	24-OCT-2003 09:52:26	Dark	39.500	29	Bet Car	1.6720	10200.	79	8622	No
158	GOM_NL__2PRFIN20031024_095614_000000752021_00051_08622_7113.N1	24-OCT-2003 09:56:14	Dark	75.000	23	21Eps CMa	1.5020	26000.	150	8622	No
159	GOM_NL__2PRFIN20031024_100011_000000752021_00051_08622_7114.N1	24-OCT-2003 10:00:11	Dark	74.500	177	1Zet CMa	3.0220	26000.	149	8622	No
160	GOM_NL__2PRFIN20031024_100328_000000382021_00051_08622_7115.N1	24-OCT-2003 10:03:28	Dark	37.500	143	Alp Hyi	2.8570	7200.0	75	8622	No



161	GOM_NL__2PRFIN20031024_100453_000000462021_00051_08622_7116.N1	24-OCT-2003 10:04:53	Dark	46.000	9	Alp Eri	0.45300	24000.	92	8622	No
162	GOM_NL__2PRFIN20031024_100751_000000462021_00051_08622_7117.N1	24-OCT-2003 10:07:51	Straylight	46.000	157	The1Eri	2.9060	9300.0	92	8622	No
163	GOM_NL__2PRFIN20031024_100945_000000412021_00051_08622_7118.N1	24-OCT-2003 10:09:45	Straylight	41.000	84	Alp Phe	2.3970	4500.0	82	8622	No
164	GOM_NL__2PRFIN20031024_101244_000002132021_00051_08622_7119.N1	24-OCT-2003 10:12:44	Tw_i_and_stray	213.00	101	11Alp Lep	2.5820	7000.0	426	8622	No
165	GOM_NL__2PRFIN20031024_101651_000000822021_00051_08622_7120.N1	24-OCT-2003 10:16:51	Tw_i_and_stray	82.000	165	34Gam Eri	2.9500	3200.0	164	8622	No
166	GOM_NL__2PRFIN20031024_102547_000000382021_00051_08622_7121.N1	24-OCT-2003 10:25:47	Bright	38.000	140	88Gam Peg	2.8340	26000.	76	8622	No
167	GOM_NL__2PRFIN20031024_102754_000000432021_00051_08622_7122.N1	24-OCT-2003 10:27:54	Bright	43.000	105	6Bet Ari	2.6450	8900.0	86	8622	No
168	GOM_NL__2PRFIN20031024_102941_000000382021_00051_08622_7123.N1	24-OCT-2003 10:29:41	Bright	38.000	58	21Alp And	2.0730	11000.	76	8622	No
169	GOM_NL__2PRFIN20031024_103138_000000422021_00051_08622_7124.N1	24-OCT-2003 10:31:38	Bright	41.500	53	43Bet And	2.0480	3300.0	83	8622	No
170	GOM_NL__2PRFIN20031024_103435_000000452021_00051_08622_7125.N1	24-OCT-2003 10:34:35	Bright	44.500	73	57Gam1And	2.2600	13100.	89	8622	No
171	GOM_NL__2PRFIN20031024_103724_000000402021_00051_08622_7126.N1	24-OCT-2003 10:37:24	Bright	40.000	68	18Alp Cas	2.2250	4500.0	80	8622	No
172	GOM_NL__2PRFIN20031024_103841_000000402021_00051_08622_7127.N1	24-OCT-2003 10:38:41	Bright	39.500	76	27Gam Cas	2.3000	30000.	79	8622	No
173	GOM_NL__2PRFIN20031024_104112_000000382021_00051_08622_7128.N1	24-OCT-2003 10:41:12	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	8622	No
174	GOM_NL__2PRFIN20031024_104638_000000392021_00051_08622_7129.N1	24-OCT-2003 10:46:38	Bright	39.000	49	1Alp UMi	1.9900	6300.0	78	8622	No
175	GOM_NL__2PRFIN20031024_105005_000000382021_00051_08622_7130.N1	24-OCT-2003 10:50:05	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	8622	No
176	GOM_NL__2PRFIN20031024_105452_000000402021_00051_08622_7131.N1	24-OCT-2003 10:54:52	Bright	40.000	36	50Alp UMa	1.8000	6300.0	80	8622	No
177	GOM_NL__2PRFIN20031024_105627_000000392021_00051_08622_7132.N1	24-OCT-2003 10:56:27	Bright	39.000	82	48Bet UMa	2.3650	10600.	78	8622	No
178	GOM_NL__2PRFIN20031024_105959_000000392021_00051_08622_7133.N1	24-OCT-2003 10:59:59	Bright	39.000	174	52Psi UMa	3.0040	4400.0	78	8622	No
179	GOM_NL__2PRFIN20031024_110721_000000492021_00051_08622_7134.N1	24-OCT-2003 11:07:21	Bright	49.000	166	17Eps Leo	2.9800	6000.0	98	8622	No
180	GOM_NL__2PRFIN20031024_110905_000001662021_00051_08622_7135.N1	24-OCT-2003 11:09:05	Tw_i_and_stray	165.50	17	78Bet Gem	1.1610	4500.0	331	8622	No
181	GOM_NL__2PRFIN20031024_111904_000000592021_00051_08622_7136.N1	24-OCT-2003 11:19:04	Dark	59.000	48	30Alp Hya	1.9770	4100.0	118	8622	No
182	GOM_NL__2PRFIN20031024_113028_000000392021_00052_08623_7111.N1	24-OCT-2003 11:30:28	Dark	38.500	124	The Car	2.7640	30000.	77	8623	No
183	GOM_NL__2PRFIN20031024_113302_000000402021_00052_08623_7112.N1	24-OCT-2003 11:33:02	Dark	40.000	29	Bet Car	1.6720	10200.	80	8623	No
184	GOM_NL__2PRFIN20031024_113653_000000752021_00052_08623_7113.N1	24-OCT-2003 11:36:53	Dark	75.000	23	21Eps CMa	1.5020	26000.	150	8623	No
185	GOM_NL__2PRFIN20031024_114048_000000742021_00052_08623_7114.N1	24-OCT-2003 11:40:48	Dark	74.000	177	1Zet CMa	3.0220	26000.	148	8623	No
186	GOM_NL__2PRFIN20031024_114405_000000382021_00052_08623_7115.N1	24-OCT-2003 11:44:05	Dark	37.500	143	Alp Hyi	2.8570	7200.0	75	8623	No
187	GOM_NL__2PRFIN20031024_114529_000000462021_00052_08623_7116.N1	24-OCT-2003 11:45:29	Dark	46.000	9	Alp Eri	0.45300	24000.	92	8623	No
188	GOM_NL__2PRFIN20031024_114828_000000442021_00052_08623_7117.N1	24-OCT-2003 11:48:28	Straylight	44.000	157	The1Eri	2.9060	9300.0	88	8623	No
189	GOM_NL__2PRFIN20031024_115021_000000412021_00052_08623_7118.N1	24-OCT-2003 11:50:21	Straylight	40.500	84	Alp Phe	2.3970	4500.0	81	8623	No
190	GOM_NL__2PRFIN20031024_115321_000002112021_00052_08623_7119.N1	24-OCT-2003 11:53:21	Tw_i_and_stray	210.50	101	11Alp Lep	2.5820	7000.0	421	8623	No
191	GOM_NL__2PRFIN20031024_115728_000000822021_00052_08623_7120.N1	24-OCT-2003 11:57:28	Tw_i_and_stray	82.000	165	34Gam Eri	2.9500	3200.0	164	8623	No
192	GOM_NL__2PRFIN20031024_120624_000000382021_00052_08623_7121.N1	24-OCT-2003 12:06:24	Bright	38.000	140	88Gam Peg	2.8340	26000.	76	8623	No
193	GOM_NL__2PRFIN20031024_120829_000000422021_00052_08623_7122.N1	24-OCT-2003 12:08:29	Bright	42.000	105	6Bet Ari	2.6450	8900.0	84	8623	No
194	GOM_NL__2PRFIN20031024_121017_000000372021_00052_08623_7123.N1	24-OCT-2003 12:10:17	Bright	36.500	58	21Alp And	2.0730	11000.	73	8623	No
195	GOM_NL__2PRFIN20031024_121215_000000412021_00052_08623_7124.N1	24-OCT-2003 12:12:15	Bright	41.000	53	43Bet And	2.0480	3300.0	82	8623	No
196	GOM_NL__2PRFIN20031024_121511_000000452021_00052_08623_7125.N1	24-OCT-2003 12:15:11	Bright	44.500	73	57Gam1And	2.2600	13100.	89	8623	No
197	GOM_NL__2PRFIN20031024_121800_000000402021_00052_08623_7126.N1	24-OCT-2003 12:18:00	Bright	39.500	68	18Alp Cas	2.2250	4500.0	79	8623	No
198	GOM_NL__2PRFIN20031024_121917_000000392021_00052_08623_7127.N1	24-OCT-2003 12:19:17	Bright	39.000	76	27Gam Cas	2.3000	30000.	78	8623	No
199	GOM_NL__2PRFIN20031024_122714_000000382021_00052_08623_7128.N1	24-OCT-2003 12:27:14	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	8623	No
200	GOM_NL__2PRFIN20031024_123041_000000372021_00052_08623_7129.N1	24-OCT-2003 12:30:41	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	8623	No
201	GOM_NL__2PRFIN20031024_123528_000000402021_00052_08623_7130.N1	24-OCT-2003 12:35:28	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	8623	No
202	GOM_NL__2PRFIN20031024_123703_000000362021_00052_08623_7131.N1	24-OCT-2003 12:37:03	Bright	36.000	82	48Bet UMa	2.3650	10600.	72	8623	No
203	GOM_NL__2PRFIN20031024_124035_000000382021_00052_08623_7132.N1	24-OCT-2003 12:40:35	Bright	37.500	174	52Psi UMa	3.0040	4400.0	75	8623	No
204	GOM_NL__2PRFIN20031024_124757_000000482021_00052_08623_7133.N1	24-OCT-2003 12:47:57	Bright	48.000	166	17Eps Leo	2.9800	6000.0	96	8623	No
205	GOM_NL__2PRFIN20031024_124942_000001772021_00052_08623_7134.N1	24-OCT-2003 12:49:42	Tw_i_and_stray	177.00	17	78Bet Gem	1.1610	4500.0	354	8623	No
206	GOM_NL__2PRFIN20031024_125940_000000712021_00052_08623_7135.N1	24-OCT-2003 12:59:40	Dark	70.500	48	30Alp Hya	1.9770	4100.0	141	8623	No
207	GOM_NL__2PRFIN20031024_131104_000000382021_00053_08624_7219.N1	24-OCT-2003 13:11:04	Dark	37.500	124	The Car	2.7640	30000.	75	8624	No
208	GOM_NL__2PRFIN20031024_131339_000000402021_00053_08624_7220.N1	24-OCT-2003 13:13:39	Dark	40.000	29	Bet Car	1.6720	10200.	80	8624	No
209	GOM_NL__2PRFIN20031024_131730_000000792021_00053_08624_7221.N1	24-OCT-2003 13:17:30	Dark	78.500	23	21Eps CMa	1.5020	26000.	157	8624	No
210	GOM_NL__2PRFIN20031024_132126_000000762021_00053_08624_7222.N1	24-OCT-2003 13:21:26	Dark	75.500	177	1Zet CMa	3.0220	26000.	151	8624	No
211	GOM_NL__2PRFIN20031024_132441_000000392021_00053_08624_7223.N1	24-OCT-2003 13:24:41	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	8624	No
212	GOM_NL__2PRFIN20031024_132606_000000412021_00053_08624_7224.N1	24-OCT-2003 13:26:06	Dark	40.500	9	Alp Eri	0.45300	24000.	81	8624	No
213	GOM_NL__2PRFIN20031024_132904_000000452021_00053_08624_7225.N1	24-OCT-2003 13:29:04	Straylight	45.000	157	The1Eri	2.9060	9300.0	90	8624	No
214	GOM_NL__2PRFIN20031024_133058_000000422021_00053_08624_7226.N1	24-OCT-2003 13:30:58	Straylight	41.500	84	Alp Phe	2.3970	4500.0	83	8624	No
215	GOM_NL__2PRFIN20031024_133358_000002102021_00053_08624_7227.N1	24-OCT-2003 13:33:58	Tw_i_and_stray	209.50	101	11Alp Lep	2.5820	7000.0	419	8624	No
216	GOM_NL__2PRFIN20031024_133804_000000832021_00053_08624_7228.N1	24-OCT-2003 13:38:04	Tw_i_and_stray	83.000	165	34Gam Eri	2.9500	3200.0	166	8624	No
217	GOM_NL__2PRFIN20031024_134700_000000372021_00053_08624_7229.N1	24-OCT-2003 13:47:00	Bright	36.500	140	88Gam Peg	2.8340	26000.	73	8624	No
218	GOM_NL__2PRFIN20031024_134905_000000432021_00053_08624_7230.N1	24-OCT-2003 13:49:05	Bright	43.000	105	6Bet Ari	2.6450	8900.0	86	8624	No
219	GOM_NL__2PRFIN20031024_135054_000000362021_00053_08624_7231.N1	24-OCT-2003 13:50:54	Bright	35.500	58	21Alp And	2.0730	11000.	71	8624	No

220	GOM_NL__2PRFIN20031024_135251_000000402021_00053_08624_7232.N1	24-OCT-2003 13:52:51	Bright	40.000	53	43Bet And	2.0480	3300.0	80	8624	No
221	GOM_NL__2PRFIN20031024_135547_000000432021_00053_08624_7233.N1	24-OCT-2003 13:55:47	Bright	43.000	73	57Gam1And	2.2600	13100.	86	8624	No
222	GOM_NL__2PRFIN20031024_135836_000000392021_00053_08624_7234.N1	24-OCT-2003 13:58:36	Bright	38.500	68	18Alp Cas	2.2250	4500.0	77	8624	No
223	GOM_NL__2PRFIN20031024_135952_000000372021_00053_08624_7235.N1	24-OCT-2003 13:59:52	Bright	37.000	76	27Gam Cas	2.3000	30000.	74	8624	No
224	GOM_NL__2PRFIN20031024_140224_000000382021_00053_08624_7236.N1	24-OCT-2003 14:02:24	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	8624	No
225	GOM_NL__2PRFIN20031024_140750_000000382021_00053_08624_7237.N1	24-OCT-2003 14:07:50	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	8624	No
226	GOM_NL__2PRFIN20031024_141117_000000382021_00053_08624_7238.N1	24-OCT-2003 14:11:17	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	8624	No
227	GOM_NL__2PRFIN20031024_141604_000000372021_00053_08624_7239.N1	24-OCT-2003 14:16:04	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	8624	No
228	GOM_NL__2PRFIN20031024_141739_000000392021_00053_08624_7240.N1	24-OCT-2003 14:17:39	Bright	38.500	82	48Bet UMa	2.3650	10600.	77	8624	No
229	GOM_NL__2PRFIN20031024_142110_000000392021_00053_08624_7241.N1	24-OCT-2003 14:21:10	Bright	38.500	174	52Psi UMa	3.0040	4400.0	77	8624	No
230	GOM_NL__2PRFIN20031024_142832_000000502021_00053_08624_7242.N1	24-OCT-2003 14:28:32	Bright	49.500	166	17Eps Leo	2.9800	6000.0	99	8624	No
231	GOM_NL__2PRFIN20031024_143018_000001702021_00053_08624_7243.N1	24-OCT-2003 14:30:18	Tw_i_and_stray	169.50	17	78Bet Gem	1.1610	4500.0	339	8624	No
232	GOM_NL__2PRFIN20031024_144017_000000622021_00053_08624_7244.N1	24-OCT-2003 14:40:17	Dark	61.500	48	30Alp Hya	1.9770	4100.0	123	8624	No
233	GOM_NL__2PRFIN20031024_145139_000000402021_00054_08625_7257.N1	24-OCT-2003 14:51:39	Dark	40.000	124	The Car	2.7640	30000.	80	8625	No
234	GOM_NL__2PRFIN20031024_145548_000000622021_00054_08625_7258.N1	24-OCT-2003 14:55:48	Dark	61.500	117	Pi Pup	2.7060	3800.0	123	8625	No
235	GOM_NL__2PRFIN20031024_145836_000000512021_00054_08625_7259.N1	24-OCT-2003 14:58:36	Dark	50.500	2	Alp Car	-0.73600	7000.0	101	8625	No
236	GOM_NL__2PRFIN20031024_150202_000000782021_00054_08625_7260.N1	24-OCT-2003 15:02:02	Dark	78.000	177	1Zet CMa	3.0220	26000.	156	8625	No
237	GOM_NL__2PRFIN20031024_150515_000000402021_00054_08625_7261.N1	24-OCT-2003 15:05:15	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	8625	No
238	GOM_NL__2PRFIN20031024_150638_000000492021_00054_08625_7262.N1	24-OCT-2003 15:06:38	Dark	48.500	9	Alp Eri	0.45300	24000.	97	8625	No
239	GOM_NL__2PRFIN20031024_150940_000000432021_00054_08625_7263.N1	24-OCT-2003 15:09:40	Straylight	43.000	157	The1Eri	2.9060	9300.0	86	8625	No
240	GOM_NL__2PRFIN20031024_151133_000000422021_00054_08625_7264.N1	24-OCT-2003 15:11:33	Straylight	42.000	84	Alp Phe	2.3970	4500.0	84	8625	No
241	GOM_NL__2PRFIN20031024_151805_000000482021_00054_08625_7265.N1	24-OCT-2003 15:18:05	Straylight	47.500	52	16Bet Cet	2.0370	4500.0	95	8625	No
242	GOM_NL__2PRFIN20031024_152734_000000382021_00054_08625_7266.N1	24-OCT-2003 15:27:34	Bright	38.000	140	88Gam Peg	2.8340	26000.	76	8625	No
243	GOM_NL__2PRFIN20031024_152940_000000452021_00054_08625_7267.N1	24-OCT-2003 15:29:40	Bright	44.500	105	6Bet Ari	2.6450	8900.0	89	8625	No
244	GOM_NL__2PRFIN20031024_153126_000000412021_00054_08625_7268.N1	24-OCT-2003 15:31:26	Bright	41.000	58	21Alp And	2.0730	11000.	82	8625	No
245	GOM_NL__2PRFIN20031024_153326_000000402021_00054_08625_7269.N1	24-OCT-2003 15:33:26	Bright	40.000	53	43Bet And	2.0480	3300.0	80	8625	No
246	GOM_NL__2PRFIN20031024_153621_000000442021_00054_08625_7270.N1	24-OCT-2003 15:36:21	Bright	44.000	73	57Gam1And	2.2600	13100.	88	8625	No
247	GOM_NL__2PRFIN20031024_153911_000000402021_00054_08625_7271.N1	24-OCT-2003 15:39:11	Bright	39.500	68	18Alp Cas	2.2250	4500.0	79	8625	No
248	GOM_NL__2PRFIN20031024_154028_000000392021_00054_08625_7272.N1	24-OCT-2003 15:40:28	Bright	39.000	76	27Gam Cas	2.3000	30000.	78	8625	No
249	GOM_NL__2PRFIN20031024_154258_000000412021_00054_08625_7273.N1	24-OCT-2003 15:42:58	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	8625	No
250	GOM_NL__2PRFIN20031024_154825_000000382021_00054_08625_7274.N1	24-OCT-2003 15:48:25	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	8625	No
251	GOM_NL__2PRFIN20031024_155152_000000392021_00054_08625_7275.N1	24-OCT-2003 15:51:52	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	8625	No
252	GOM_NL__2PRFIN20031024_155639_000000412021_00054_08625_7276.N1	24-OCT-2003 15:56:39	Bright	40.500	36	50Alp UMa	1.8000	6300.0	81	8625	No
253	GOM_NL__2PRFIN20031024_155815_000000382021_00054_08625_7277.N1	24-OCT-2003 15:58:15	Bright	38.000	82	48Bet UMa	2.3650	10600.	76	8625	No
254	GOM_NL__2PRFIN20031024_160147_000000402021_00054_08625_7278.N1	24-OCT-2003 16:01:47	Bright	40.000	174	52Psi UMa	3.0040	4400.0	80	8625	No
255	GOM_NL__2PRFIN20031024_160909_000000512021_00054_08625_7279.N1	24-OCT-2003 16:09:09	Bright	50.500	166	17Eps Leo	2.9800	6000.0	101	8625	No
256	GOM_NL__2PRFIN20031024_161056_000001872021_00054_08625_7280.N1	24-OCT-2003 16:10:56	Tw_i_and_stray	186.50	17	78Bet Gem	1.1610	4500.0	373	8625	No
257	GOM_NL__2PRFIN20031024_162053_000000632021_00054_08625_7281.N1	24-OCT-2003 16:20:53	Dark	62.500	48	30Alp Hya	1.9770	4100.0	125	8625	No
258	GOM_NL__2PRFIN20031024_162824_000000452021_00054_08625_7282.N1	24-OCT-2003 16:28:24	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	8625	No
259	GOM_NL__2PRFIN20031024_163007_000000552021_00054_08625_7283.N1	24-OCT-2003 16:30:07	Dark	55.000	65	Lam Vel	2.2040	4400.0	110	8625	No
260	GOM_NL__2PRFIN20031024_163216_000000392021_00055_08626_7367.N1	24-OCT-2003 16:32:16	Dark	38.500	124	The Car	2.7640	30000.	77	8626	No
261	GOM_NL__2PRFIN20031024_163626_000000642021_00055_08626_7368.N1	24-OCT-2003 16:36:26	Dark	63.500	117	Pi Pup	2.7060	3800.0	127	8626	No
262	GOM_NL__2PRFIN20031024_163912_000000512021_00055_08626_7369.N1	24-OCT-2003 16:39:12	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	8626	No
263	GOM_NL__2PRFIN20031024_164240_000000782021_00055_08626_7370.N1	24-OCT-2003 16:42:40	Dark	77.500	177	1Zet CMa	3.0220	26000.	155	8626	No
264	GOM_NL__2PRFIN20031024_164552_000000392021_00055_08626_7371.N1	24-OCT-2003 16:45:52	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	8626	No
265	GOM_NL__2PRFIN20031024_164716_000000522021_00055_08626_7372.N1	24-OCT-2003 16:47:16	Dark	52.000	9	Alp Eri	0.45300	24000.	104	8626	No
266	GOM_NL__2PRFIN20031024_165014_000000482021_00055_08626_7373.N1	24-OCT-2003 16:50:14	Straylight	48.000	157	The1Eri	2.9060	9300.0	96	8626	No
267	GOM_NL__2PRFIN20031024_165209_000000422021_00055_08626_7374.N1	24-OCT-2003 16:52:09	Straylight	41.500	84	Alp Phe	2.3970	4500.0	83	8626	No
268	GOM_NL__2PRFIN20031024_165839_000000512021_00055_08626_7375.N1	24-OCT-2003 16:58:39	Straylight	50.500	52	16Bet Cet	2.0370	4500.0	101	8626	No
269	GOM_NL__2PRFIN20031024_170810_000000402021_00055_08626_7376.N1	24-OCT-2003 17:08:10	Bright	39.500	140	88Gam Peg	2.8340	26000.	79	8626	No
270	GOM_NL__2PRFIN20031024_171015_000000462021_00055_08626_7377.N1	24-OCT-2003 17:10:15	Bright	45.500	105	6Bet Ari	2.6450	8900.0	91	8626	No
271	GOM_NL__2PRFIN20031024_171202_000000412021_00055_08626_7378.N1	24-OCT-2003 17:12:02	Bright	40.500	58	21Alp And	2.0730	11000.	81	8626	No
272	GOM_NL__2PRFIN20031024_171359_000000422021_00055_08626_7379.N1	24-OCT-2003 17:13:59	Bright	42.000	53	43Bet And	2.0480	3300.0	84	8626	No
273	GOM_NL__2PRFIN20031024_171656_000000452021_00055_08626_7380.N1	24-OCT-2003 17:16:56	Bright	44.500	73	57Gam1And	2.2600	13100.	89	8626	No
274	GOM_NL__2PRFIN20031024_171947_000000392021_00055_08626_7381.N1	24-OCT-2003 17:19:47	Bright	39.000	68	18Alp Cas	2.2250	4500.0	78	8626	No
275	GOM_NL__2PRFIN20031024_172103_000000392021_00055_08626_7382.N1	24-OCT-2003 17:21:03	Bright	39.000	76	27Gam Cas	2.3000	30000.	78	8626	No
276	GOM_NL__2PRFIN20031024_172336_000000402021_00055_08626_7383.N1	24-OCT-2003 17:23:36	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	8626	No
277	GOM_NL__2PRFIN20031024_172900_000000412021_00055_08626_7384.N1	24-OCT-2003 17:29:00	Bright	40.500	49	1Alp UMi	1.9900	6300.0	81	8626	No
278	GOM_NL__2PRFIN20031024_173228_000000402021_00055_08626_7385.N1	24-OCT-2003 17:32:28	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	8626	No

279	GOM_NL__2PRFIN20031024_173715_000000362021_00055_08626_7386.N1	24-OCT-2003 17:37:15	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	8626	No
280	GOM_NL__2PRFIN20031024_173850_000000382021_00055_08626_7387.N1	24-OCT-2003 17:38:50	Bright	37.500	82	48Bet UMa	2.3650	10600.	75	8626	No
281	GOM_NL__2PRFIN20031024_174223_000000382021_00055_08626_7388.N1	24-OCT-2003 17:42:23	Bright	37.500	174	52Psi UMa	3.0040	4400.0	75	8626	No
282	GOM_NL__2PRFIN20031024_174945_000000492021_00055_08626_7389.N1	24-OCT-2003 17:49:45	Bright	48.500	166	17Eps Leo	2.9800	6000.0	97	8626	No
283	GOM_NL__2PRFIN20031024_175133_000001742021_00055_08626_7390.N1	24-OCT-2003 17:51:33	Tw_i_and_stray	173.50	17	78Bet Gem	1.1610	4500.0	347	8626	No
284	GOM_NL__2PRFIN20031024_180128_000000652021_00055_08626_7391.N1	24-OCT-2003 18:01:28	Dark	65.000	48	30Alp Hya	1.9770	4100.0	130	8626	No
285	GOM_NL__2PRFIN20031024_180900_000000432021_00055_08626_7392.N1	24-OCT-2003 18:09:00	Dark	43.000	113	Mu Vel	2.6920	5000.0	86	8626	No
286	GOM_NL__2PRFIN20031024_181043_000000532021_00055_08626_7393.N1	24-OCT-2003 18:10:43	Dark	52.500	65	Lam Vel	2.2040	4400.0	105	8626	No
287	GOM_NL__2PRFIN20031024_181252_000000382021_00056_08627_7257.N1	24-OCT-2003 18:12:52	Dark	38.000	124	The Car	2.7640	30000.	76	8627	No
288	GOM_NL__2PRFIN20031024_181702_000000612021_00056_08627_7258.N1	24-OCT-2003 18:17:02	Dark	61.000	117	Pi Pup	2.7060	3800.0	122	8627	No
289	GOM_NL__2PRFIN20031024_181948_000000542021_00056_08627_7259.N1	24-OCT-2003 18:19:48	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	8627	No
290	GOM_NL__2PRFIN20031024_182319_000000762021_00056_08627_7260.N1	24-OCT-2003 18:23:19	Dark	76.000	177	1Zet CMa	3.0220	26000.	152	8627	No
291	GOM_NL__2PRFIN20031024_182628_000000412021_00056_08627_7261.N1	24-OCT-2003 18:26:28	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	8627	No
292	GOM_NL__2PRFIN20031024_182753_000000512021_00056_08627_7262.N1	24-OCT-2003 18:27:53	Dark	50.500	9	Alp Eri	0.45300	24000.	101	8627	No
293	GOM_NL__2PRFIN20031024_183052_000000472021_00056_08627_7263.N1	24-OCT-2003 18:30:52	Straylight	46.500	157	The1Eri	2.9060	9300.0	93	8627	No
294	GOM_NL__2PRFIN20031024_183245_000000442021_00056_08627_7264.N1	24-OCT-2003 18:32:45	Straylight	43.500	84	Alp Phe	2.3970	4500.0	87	8627	No
295	GOM_NL__2PRFIN20031024_183915_000000492021_00056_08627_7265.N1	24-OCT-2003 18:39:15	Straylight	48.500	52	16Bet Cet	2.0370	4500.0	97	8627	No
296	GOM_NL__2PRFIN20031024_184845_000000412021_00056_08627_7266.N1	24-OCT-2003 18:48:45	Bright	40.500	140	88Gam Peg	2.8340	26000.	81	8627	No
297	GOM_NL__2PRFIN20031024_185049_000000452021_00056_08627_7267.N1	24-OCT-2003 18:50:49	Bright	44.500	105	6Bet Ari	2.6450	8900.0	89	8627	No
298	GOM_NL__2PRFIN20031024_185240_000000382021_00056_08627_7268.N1	24-OCT-2003 18:52:40	Bright	38.000	58	21Alp And	2.0730	11000.	76	8627	No
299	GOM_NL__2PRFIN20031024_185436_000000392021_00056_08627_7269.N1	24-OCT-2003 18:54:36	Bright	39.000	53	43Bet And	2.0480	3300.0	78	8627	No
300	GOM_NL__2PRFIN20031024_185731_000000432021_00056_08627_7270.N1	24-OCT-2003 18:57:31	Bright	42.500	73	57Gam1And	2.2600	13100.	85	8627	No
301	GOM_NL__2PRFIN20031024_190023_000000402021_00056_08627_7271.N1	24-OCT-2003 19:00:23	Bright	39.500	68	18Alp Cas	2.2250	4500.0	79	8627	No
302	GOM_NL__2PRFIN20031024_190140_000000392021_00056_08627_7272.N1	24-OCT-2003 19:01:40	Bright	39.000	76	27Gam Cas	2.3000	30000.	78	8627	No
303	GOM_NL__2PRFIN20031024_190412_000000392021_00056_08627_7273.N1	24-OCT-2003 19:04:12	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	8627	No
304	GOM_NL__2PRFIN20031024_190936_000000392021_00056_08627_7274.N1	24-OCT-2003 19:09:36	Bright	39.000	49	1Alp UMi	1.9900	6300.0	78	8627	No
305	GOM_NL__2PRFIN20031024_191302_000000422021_00056_08627_7275.N1	24-OCT-2003 19:13:02	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	8627	No
306	GOM_NL__2PRFIN20031024_191751_000000422021_00056_08627_7276.N1	24-OCT-2003 19:17:51	Bright	42.000	36	50Alp UMa	1.8000	6300.0	84	8627	No
307	GOM_NL__2PRFIN20031024_191927_000000392021_00056_08627_7277.N1	24-OCT-2003 19:19:27	Bright	39.000	82	48Bet UMa	2.3650	10600.	78	8627	No
308	GOM_NL__2PRFIN20031024_192258_000000542021_00056_08627_7278.N1	24-OCT-2003 19:22:58	Bright	54.000	174	52Psi UMa	3.0040	4400.0	108	8627	No
309	GOM_NL__2PRFIN20031024_193021_000000482021_00056_08627_7279.N1	24-OCT-2003 19:30:21	Bright	48.000	166	17Eps Leo	2.9800	6000.0	96	8627	No
310	GOM_NL__2PRFIN20031024_193210_000001842021_00056_08627_7280.N1	24-OCT-2003 19:32:10	Tw_i_and_stray	183.50	17	78Bet Gem	1.1610	4500.0	367	8627	No
311	GOM_NL__2PRFIN20031024_194207_000000632021_00056_08627_7281.N1	24-OCT-2003 19:42:07	Dark	62.500	48	30Alp Hya	1.9770	4100.0	125	8627	No
312	GOM_NL__2PRFIN20031024_194936_000000412021_00056_08627_7282.N1	24-OCT-2003 19:49:36	Dark	41.000	113	Mu Vel	2.6920	5000.0	82	8627	No
313	GOM_NL__2PRFIN20031024_195120_000000532021_00056_08627_7283.N1	24-OCT-2003 19:51:20	Dark	52.500	65	Lam Vel	2.2040	4400.0	105	8627	No
314	GOM_NL__2PRFIN20031024_195327_000000412021_00057_08628_7257.N1	24-OCT-2003 19:53:27	Dark	41.000	124	The Car	2.7640	30000.	82	8628	No
315	GOM_NL__2PRFIN20031024_195740_000000592021_00057_08628_7258.N1	24-OCT-2003 19:57:40	Dark	59.000	117	Pi Pup	2.7060	3800.0	118	8628	No
316	GOM_NL__2PRFIN20031024_200025_000000532021_00057_08628_7259.N1	24-OCT-2003 20:00:25	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	8628	No
317	GOM_NL__2PRFIN20031024_200356_000000752021_00057_08628_7260.N1	24-OCT-2003 20:03:56	Dark	75.000	177	1Zet CMa	3.0220	26000.	150	8628	No
318	GOM_NL__2PRFIN20031024_200705_000000392021_00057_08628_7261.N1	24-OCT-2003 20:07:05	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	8628	No
319	GOM_NL__2PRFIN20031024_200830_000000422021_00057_08628_7262.N1	24-OCT-2003 20:08:30	Dark	41.500	9	Alp Eri	0.45300	24000.	83	8628	No
320	GOM_NL__2PRFIN20031024_201128_000000442021_00057_08628_7263.N1	24-OCT-2003 20:11:28	Straylight	44.000	157	The1Eri	2.9060	9300.0	88	8628	No
321	GOM_NL__2PRFIN20031024_201321_000000452021_00057_08628_7264.N1	24-OCT-2003 20:13:21	Straylight	44.500	84	Alp Phe	2.3970	4500.0	89	8628	No
322	GOM_NL__2PRFIN20031024_201954_000000462021_00057_08628_7265.N1	24-OCT-2003 20:19:54	Straylight	46.000	52	16Bet Cet	2.0370	4500.0	92	8628	No
323	GOM_NL__2PRFIN20031024_202922_000000382021_00057_08628_7266.N1	24-OCT-2003 20:29:22	Bright	38.000	140	88Gam Peg	2.8340	26000.	76	8628	No
324	GOM_NL__2PRFIN20031024_203126_000000452021_00057_08628_7267.N1	24-OCT-2003 20:31:26	Bright	44.500	105	6Bet Ari	2.6450	8900.0	89	8628	No
325	GOM_NL__2PRFIN20031024_203316_000000382021_00057_08628_7268.N1	24-OCT-2003 20:33:16	Bright	38.000	58	21Alp And	2.0730	11000.	76	8628	No
326	GOM_NL__2PRFIN20031024_203512_000000412021_00057_08628_7269.N1	24-OCT-2003 20:35:12	Bright	40.500	53	43Bet And	2.0480	3300.0	81	8628	No
327	GOM_NL__2PRFIN20031024_203808_000000442021_00057_08628_7270.N1	24-OCT-2003 20:38:08	Bright	43.500	73	57Gam1And	2.2600	13100.	87	8628	No
328	GOM_NL__2PRFIN20031024_204059_000000392021_00057_08628_7271.N1	24-OCT-2003 20:40:59	Bright	39.000	68	18Alp Cas	2.2250	4500.0	78	8628	No
329	GOM_NL__2PRFIN20031024_204215_000000362021_00057_08628_7272.N1	24-OCT-2003 20:42:15	Bright	36.000	76	27Gam Cas	2.3000	30000.	72	8628	No
330	GOM_NL__2PRFIN20031024_204449_000000392021_00057_08628_7273.N1	24-OCT-2003 20:44:49	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	8628	No
331	GOM_NL__2PRFIN20031024_205012_000000392021_00057_08628_7274.N1	24-OCT-2003 20:50:12	Bright	38.500	49	1Alp UMi	1.9900	6300.0	77	8628	No
332	GOM_NL__2PRFIN20031024_205340_000000402021_00057_08628_7275.N1	24-OCT-2003 20:53:40	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	8628	No
333	GOM_NL__2PRFIN20031024_205827_000000432021_00057_08628_7276.N1	24-OCT-2003 20:58:27	Bright	43.000	36	50Alp UMa	1.8000	6300.0	86	8628	No
334	GOM_NL__2PRFIN20031024_210002_000000402021_00057_08628_7277.N1	24-OCT-2003 21:00:02	Bright	39.500	82	48Bet UMa	2.3650	10600.	79	8628	No
335	GOM_NL__2PRFIN20031024_210335_000000402021_00057_08628_7278.N1	24-OCT-2003 21:03:35	Bright	40.000	174	52Psi UMa	3.0040	4400.0	80	8628	No
336	GOM_NL__2PRFIN20031024_211058_000000642021_00057_08628_7279.N1	24-OCT-2003 21:10:58	Bright	64.000	166	17Eps Leo	2.9800	6000.0	128	8628	No
337	GOM_NL__2PRFIN20031024_211247_000001862021_00057_08628_7280.N1	24-OCT-2003 21:12:47	Tw_i_and_stray	185.50	17	78Bet Gem	1.1610	4500.0	371	8628	No

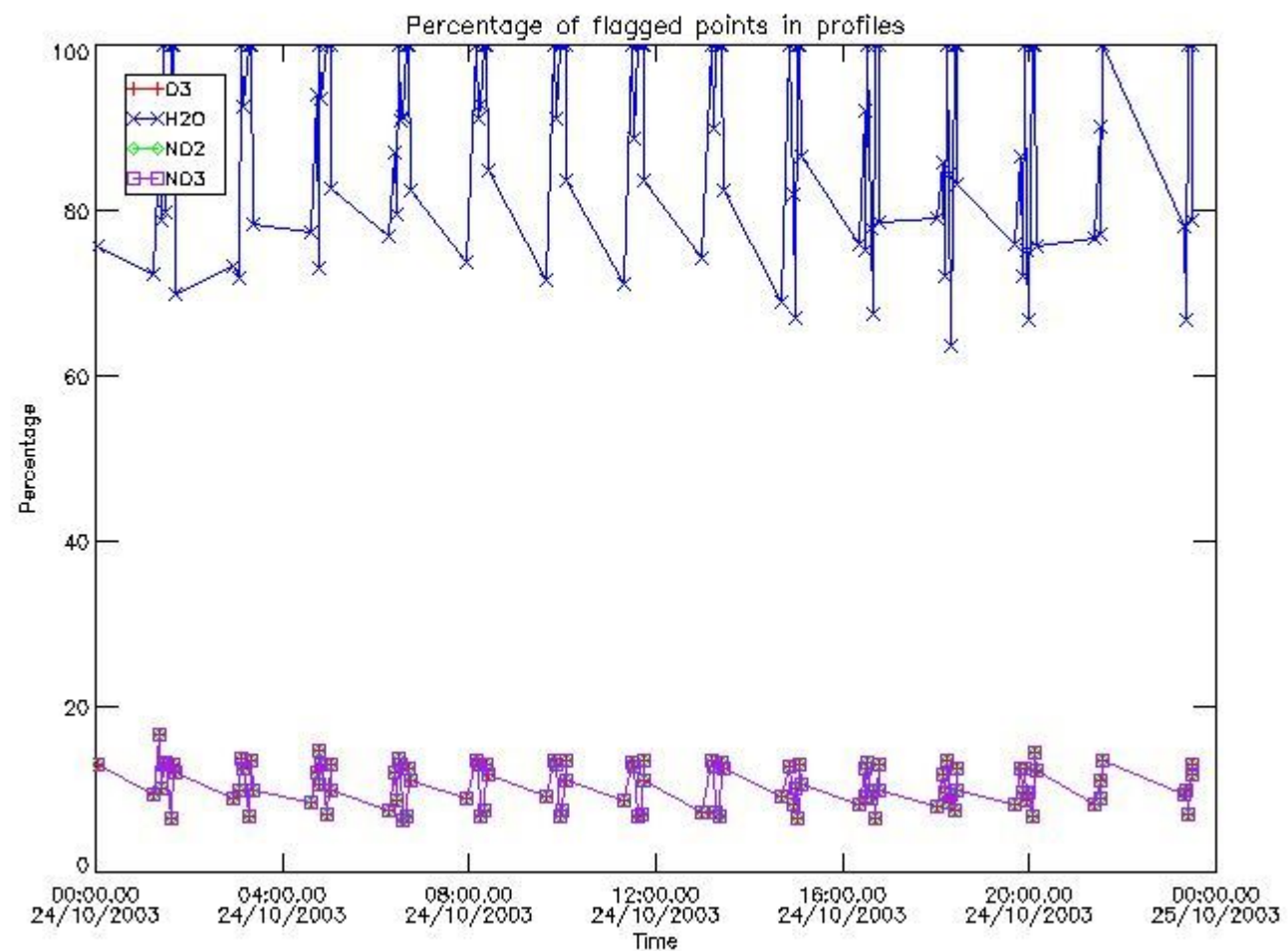


338	GOM_NL__2PRFIN20031024_212244_000000632021_00057_08628_7281.N1	24-OCT-2003 21:22:44	Dark	62.500	48	30Alp Hya	1.9770	4100.0	125	8628	No
339	GOM_NL__2PRFIN20031024_213012_000000462021_00057_08628_7282.N1	24-OCT-2003 21:30:12	Dark	45.500	113	Mu Vel	2.6920	5000.0	91	8628	No
340	GOM_NL__2PRFIN20031024_213157_000000572021_00057_08628_7283.N1	24-OCT-2003 21:31:57	Dark	57.000	65	Lam Vel	2.2040	4400.0	114	8628	No
341	GOM_NL__2PRFIN20031024_213404_000000372021_00058_08629_7257.N1	24-OCT-2003 21:34:04	Dark	37.000	124	The Car	2.7640	30000.	74	8629	No
342	GOM_NL__2PRFIN20031024_231855_000000602021_00059_08630_7257.N1	24-OCT-2003 23:18:55	Dark	59.500	117	Pi Pup	2.7060	3800.0	119	8630	No
343	GOM_NL__2PRFIN20031024_232138_000000522021_00059_08630_7258.N1	24-OCT-2003 23:21:38	Dark	51.500	2	Alp Car	-0.73600	7000.0	103	8630	No
344	GOM_NL__2PRFIN20031024_232511_000000722021_00059_08630_7259.N1	24-OCT-2003 23:25:11	Dark	72.000	177	1Zet CMa	3.0220	26000.	144	8630	No
345	GOM_NL__2PRFIN20031024_232817_000000392021_00059_08630_7260.N1	24-OCT-2003 23:28:17	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	8630	No
346	GOM_NL__2PRFIN20031024_232941_000000432021_00059_08630_7261.N1	24-OCT-2003 23:29:41	Dark	43.000	9	Alp Eri	0.45300	24000.	86	8630	No
347	GOM_NL__2PRFIN20031024_233241_000000482021_00059_08630_7262.N1	24-OCT-2003 23:32:41	Straylight	47.500	157	The1Eri	2.9060	9300.0	95	8630	No
348	GOM_NL__2PRFIN20031024_233433_000000512021_00059_08630_7263.N1	24-OCT-2003 23:34:33	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	8630	No
349	GOM_NL__2PRFIN20031024_234106_000000422021_00059_08630_7264.N1	24-OCT-2003 23:41:06	Straylight	42.000	52	16Bet Cet	2.0370	4500.0	84	8630	No
350	GOM_NL__2PRFIN20031024_234833_000000592021_00059_08630_7265.N1	24-OCT-2003 23:48:33	Bright	58.500	94	92Alp Cet	2.5260	3100.0	117	8630	No
351	GOM_NL__2PRFIN20031024_235034_000000382021_00059_08630_7266.N1	24-OCT-2003 23:50:34	Bright	38.000	140	88Gam Peg	2.8340	26000.	76	8630	No
352	GOM_NL__2PRFIN20031024_235236_000000452021_00059_08630_7267.N1	24-OCT-2003 23:52:36	Bright	45.000	105	6Bet Ari	2.6450	8900.0	90	8630	No
353	GOM_NL__2PRFIN20031024_235428_000000392021_00059_08630_7268.N1	24-OCT-2003 23:54:28	Bright	38.500	58	21Alp And	2.0730	11000.	77	8630	No
354	GOM_NL__2PRFIN20031024_235624_000000422021_00059_08630_7269.N1	24-OCT-2003 23:56:24	Bright	41.500	53	43Bet And	2.0480	3300.0	83	8630	No
355	GOM_NL__2PRFIN20031024_235918_000000442021_00059_08630_7270.N1	24-OCT-2003 23:59:18	Bright	44.000	73	57Gam1And	2.2600	13100.	88	8630	No

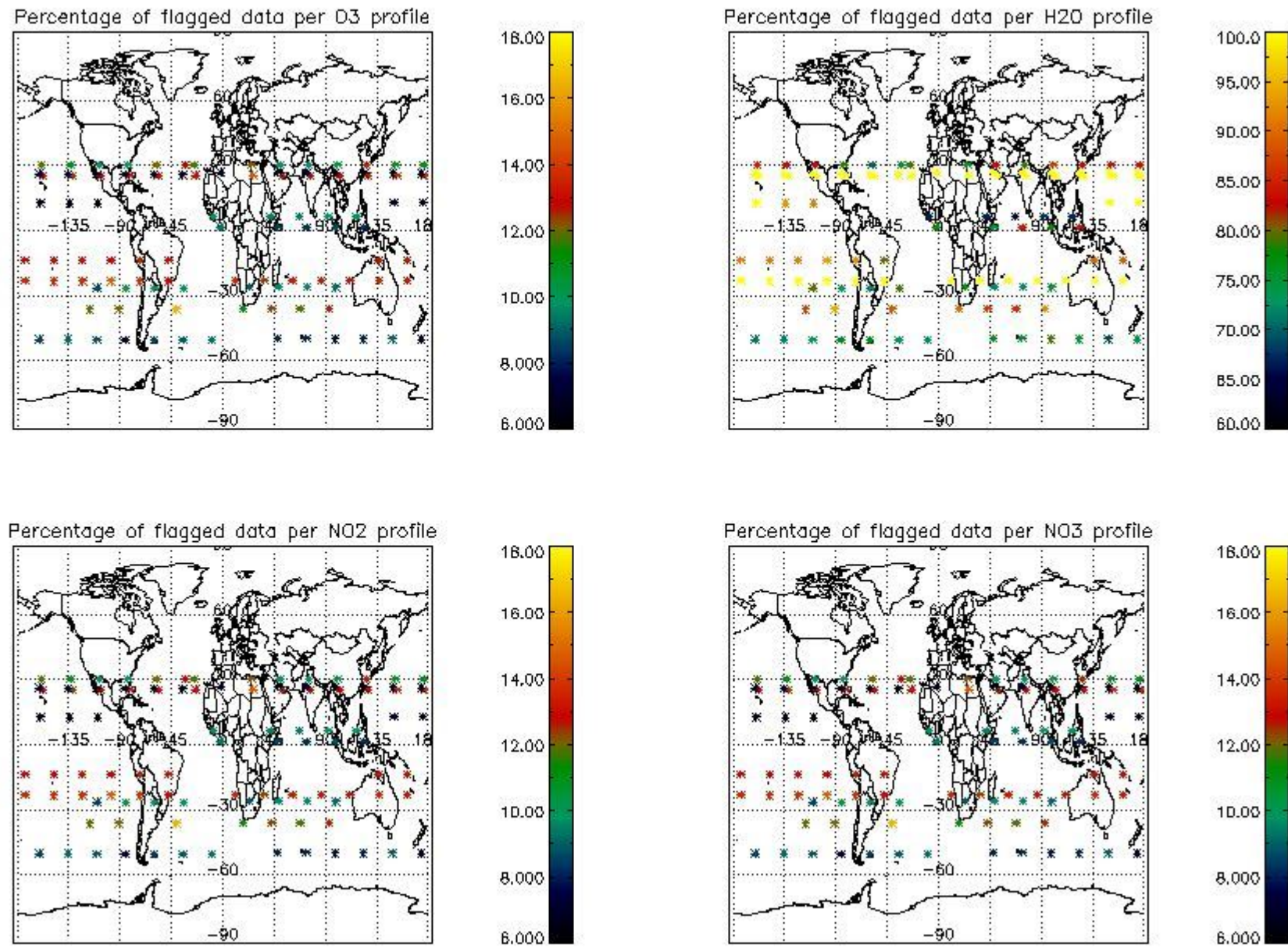
### 3. Quality information per product

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)

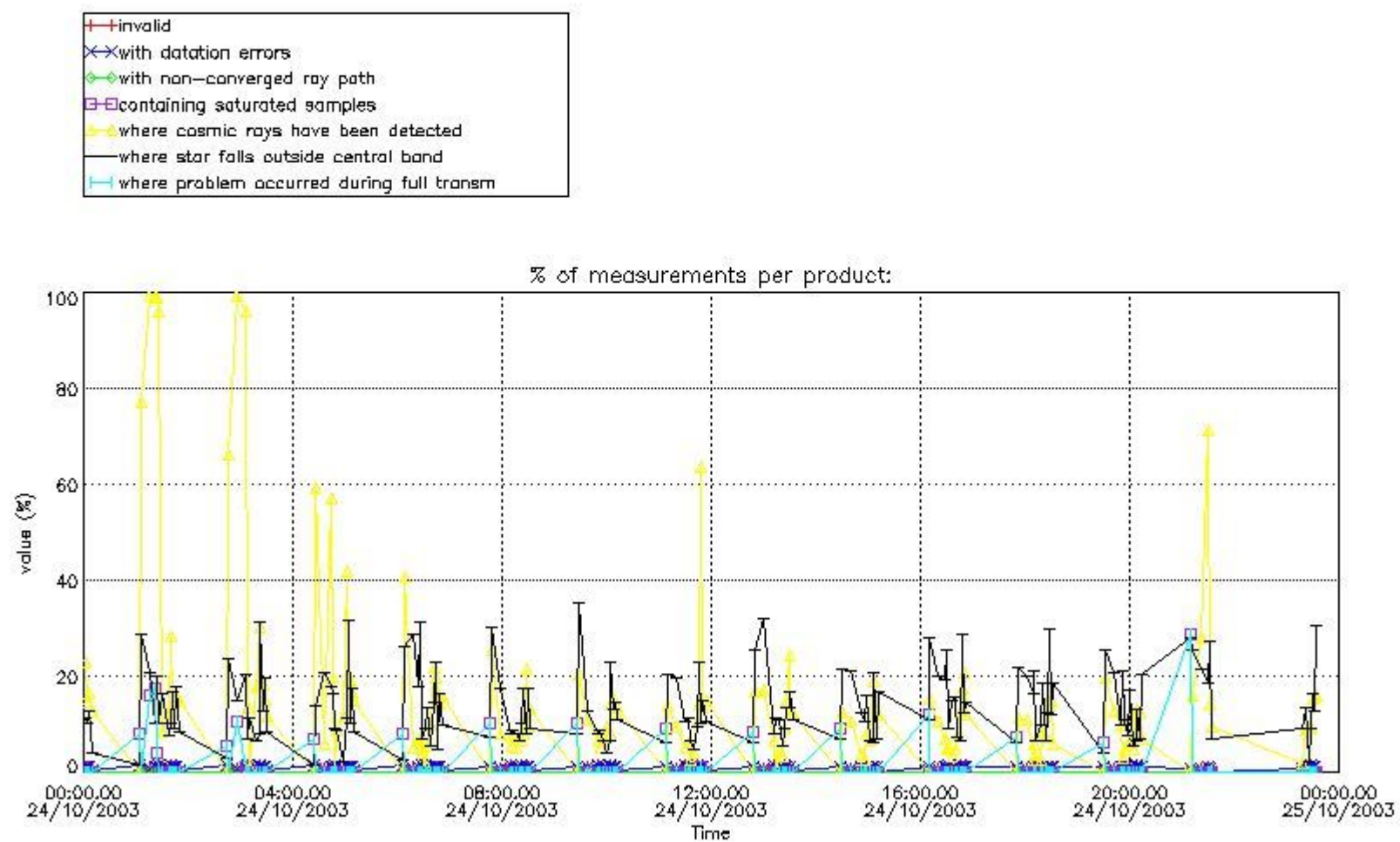


### 4. Level 1 quality information per product

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

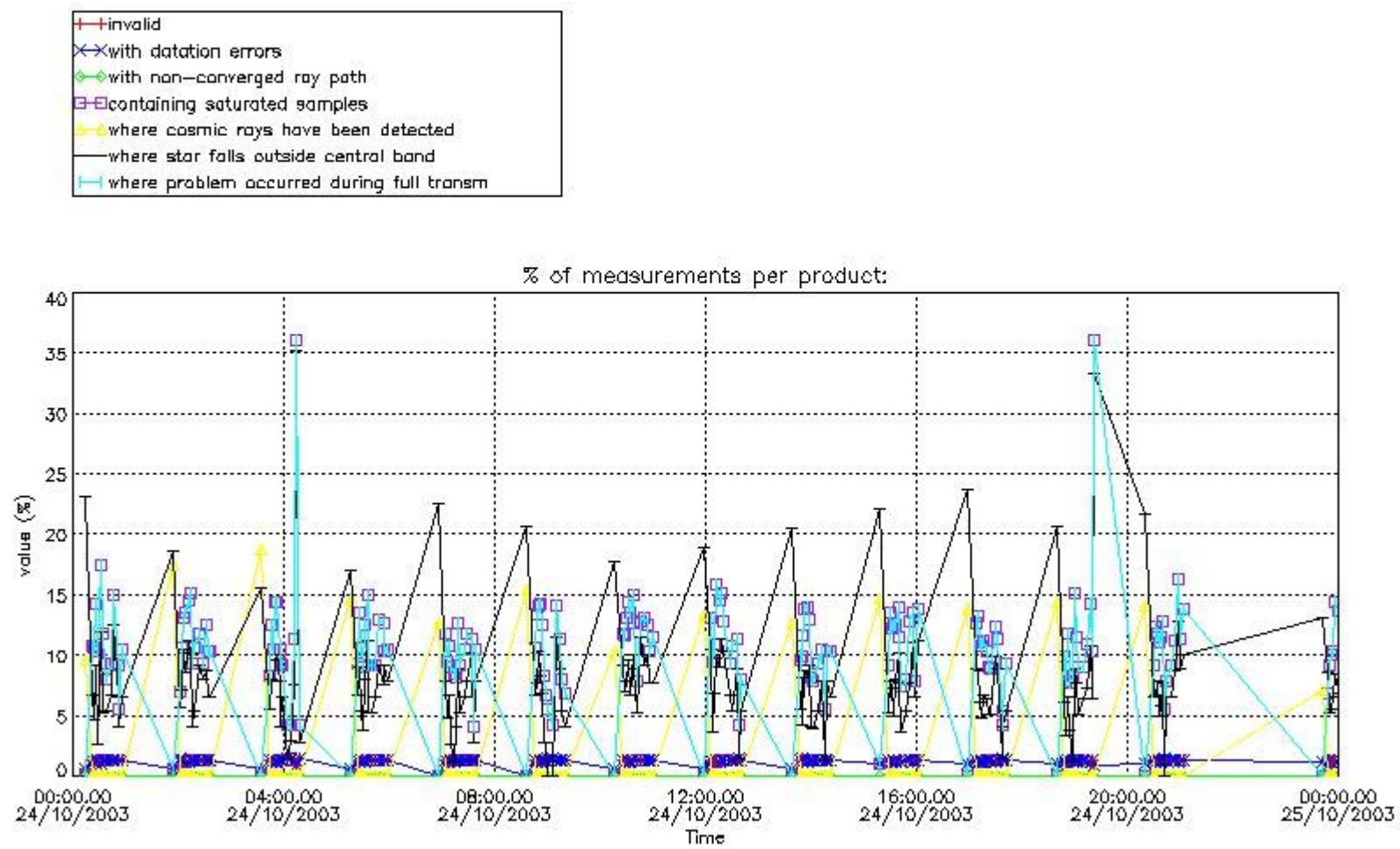
#### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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



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

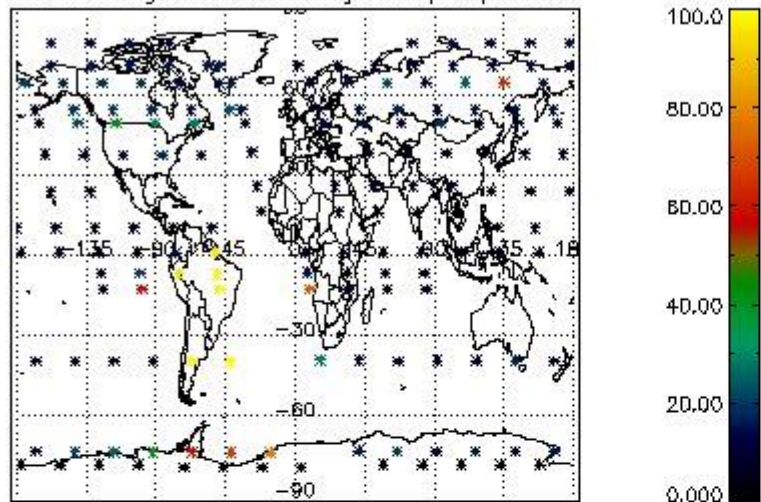




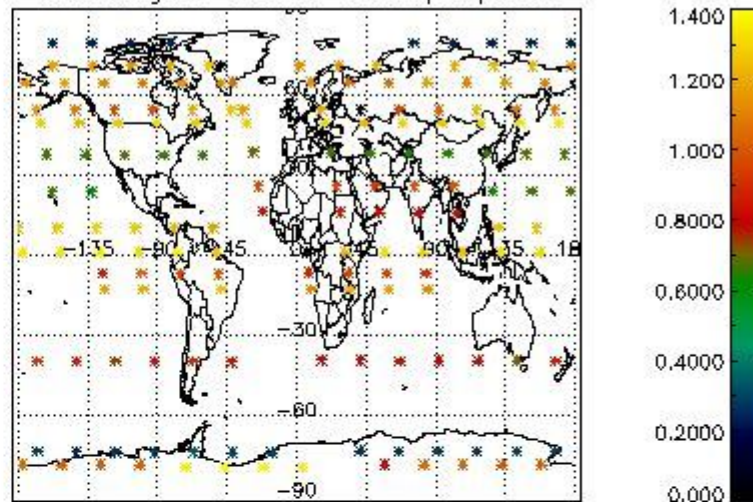
4.2 Plot quality information per product coming from level 1b processing (world map)

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

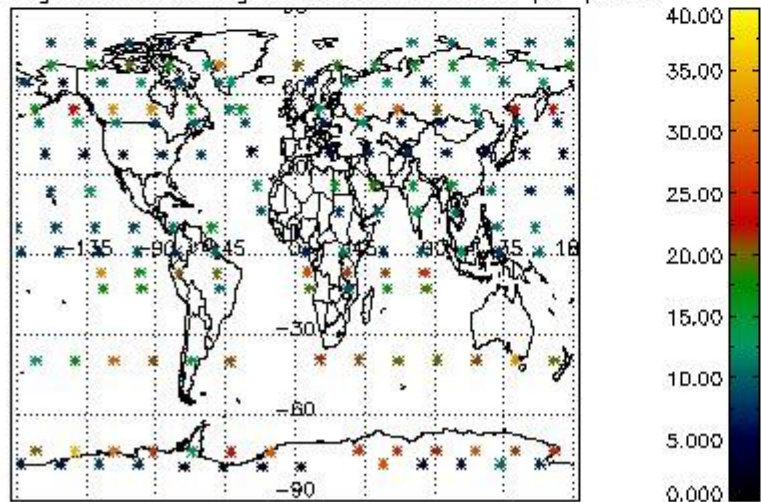
Percentage of cosmic ray hits per profile



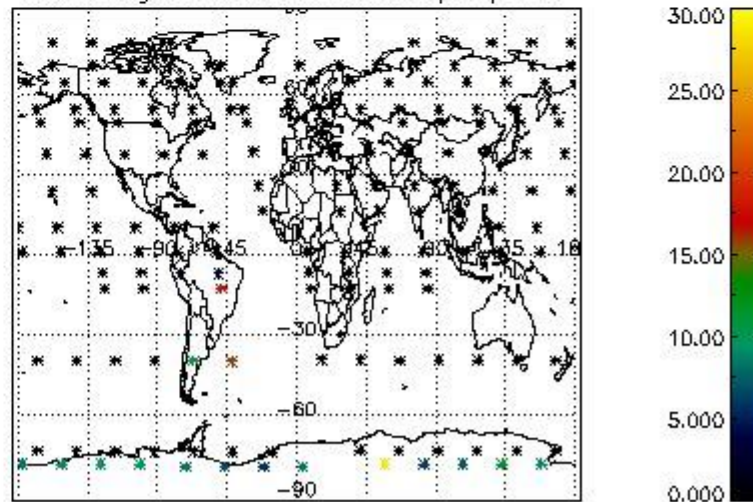
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

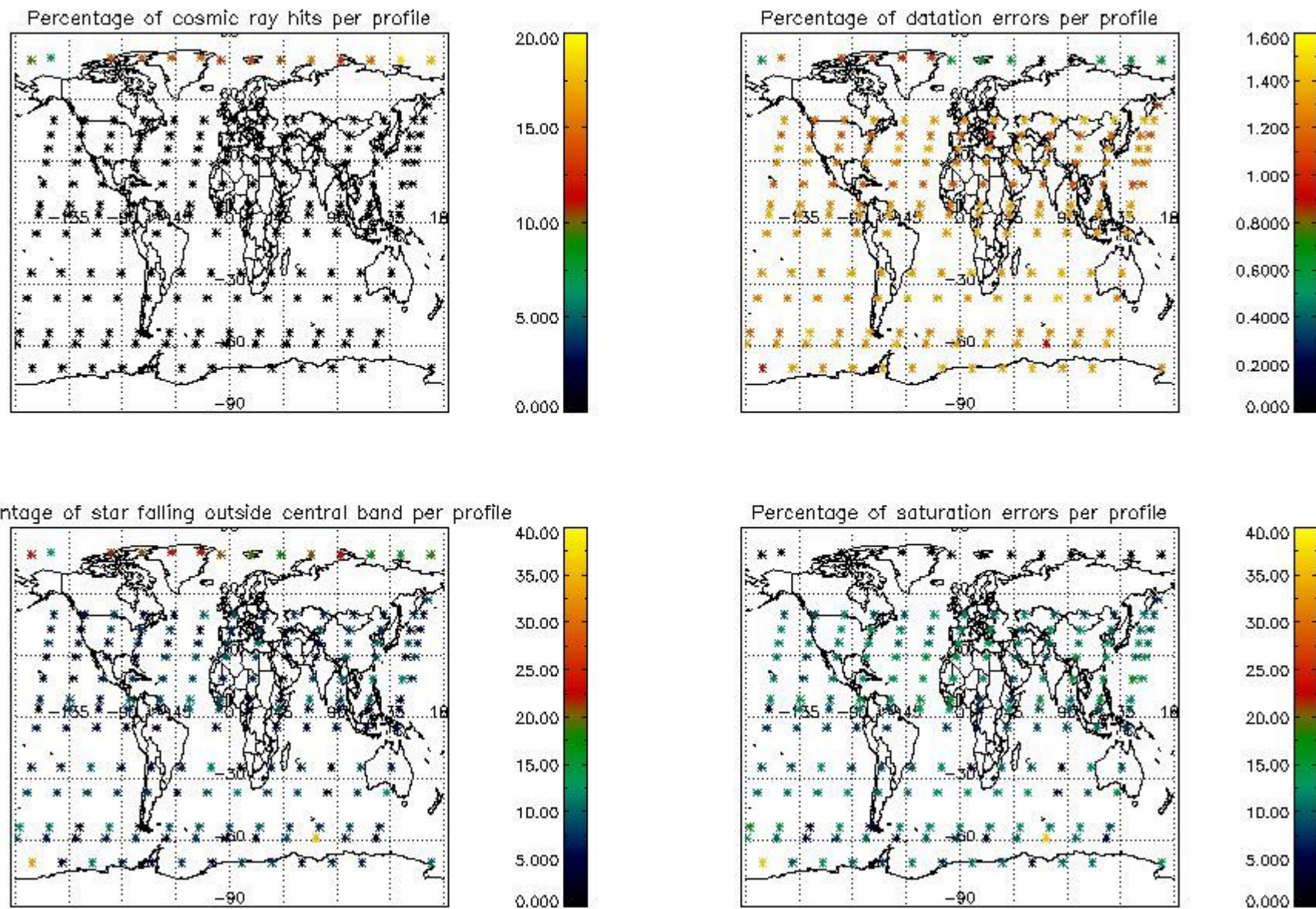


Percentage of saturation errors per profile



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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

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

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

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

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

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

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

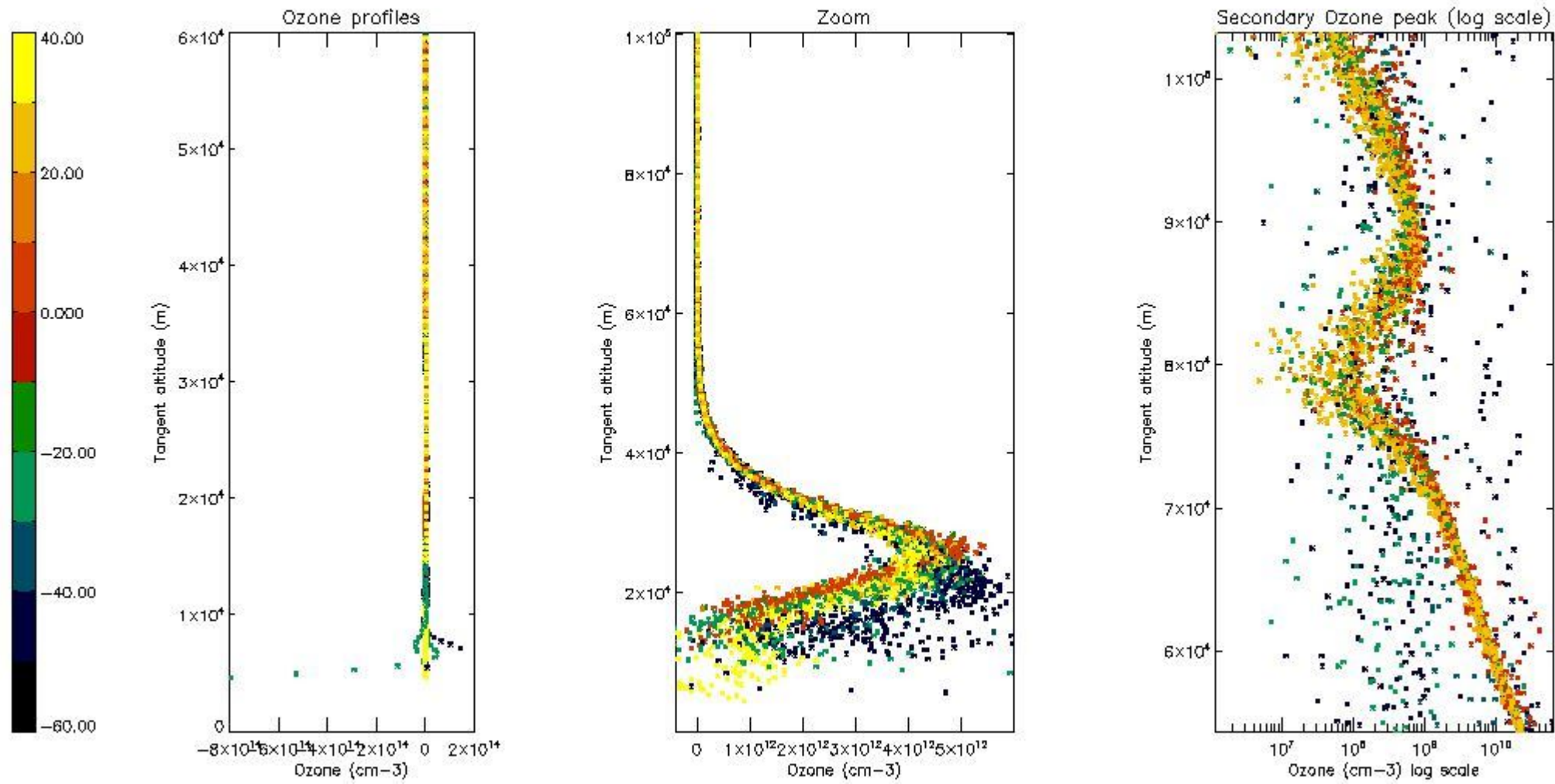
Criteria	% of total production
All STD	28
STD < 20	16



STD < 10	13
STD < 5	9

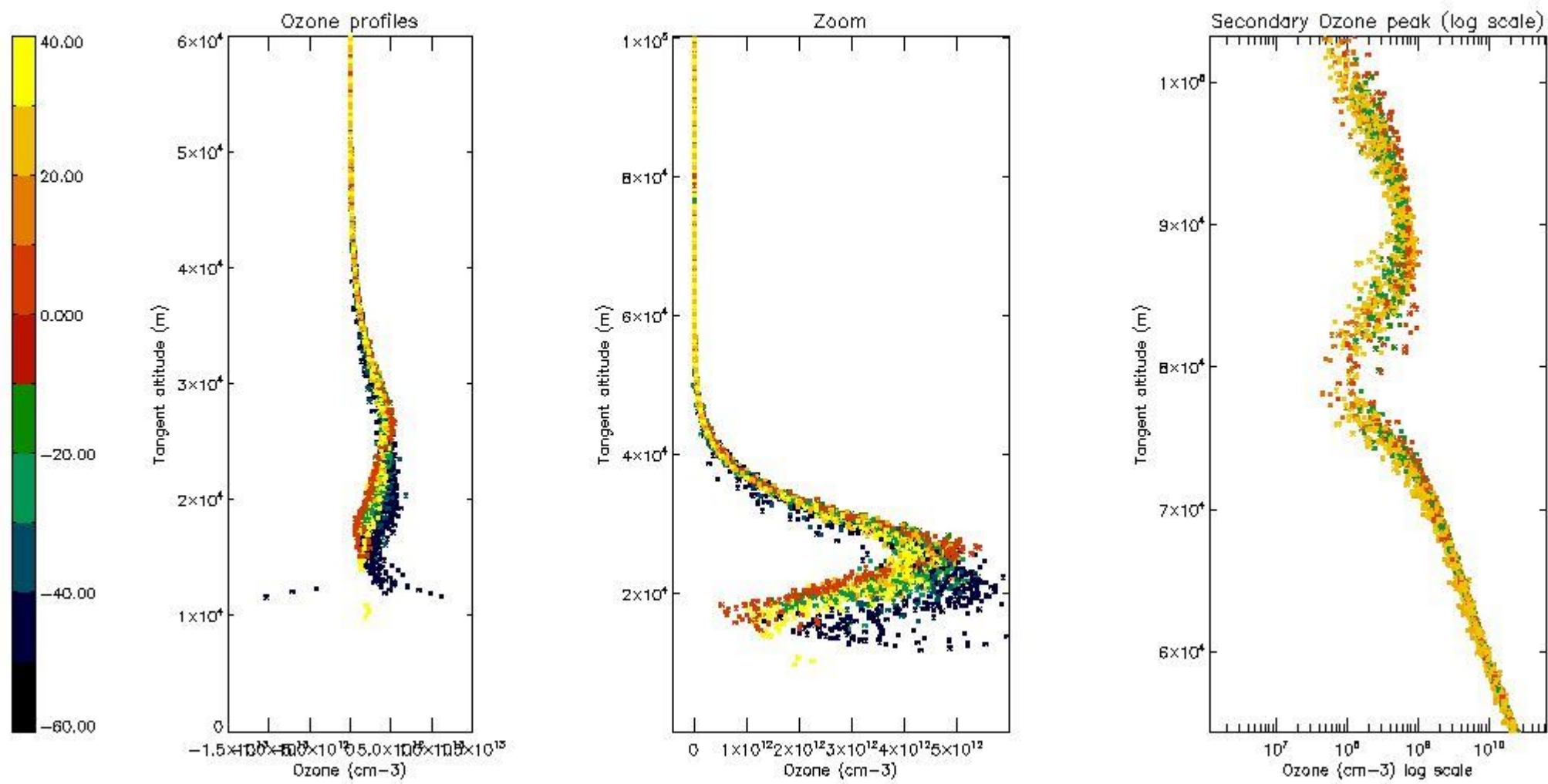
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



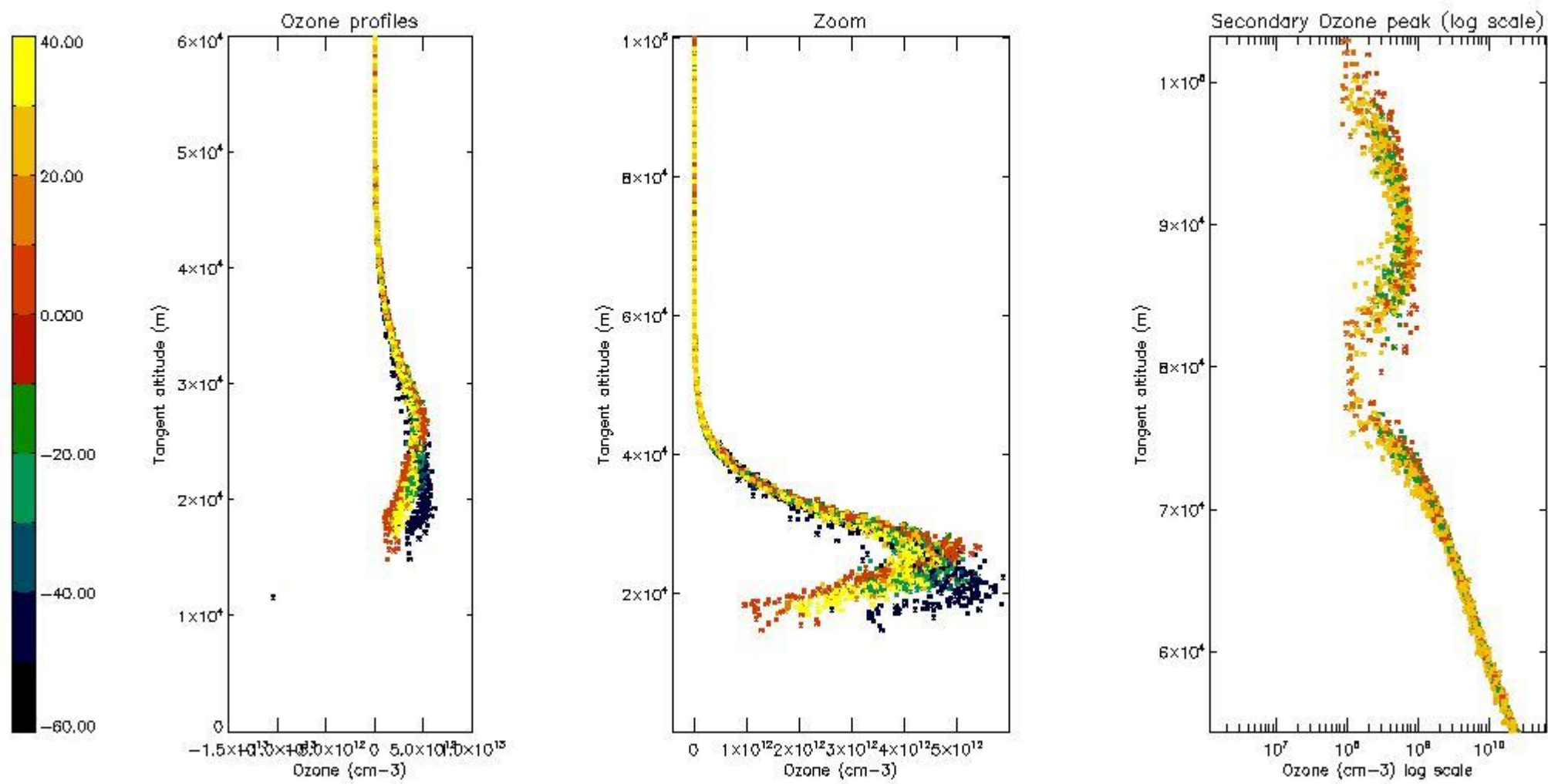
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



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

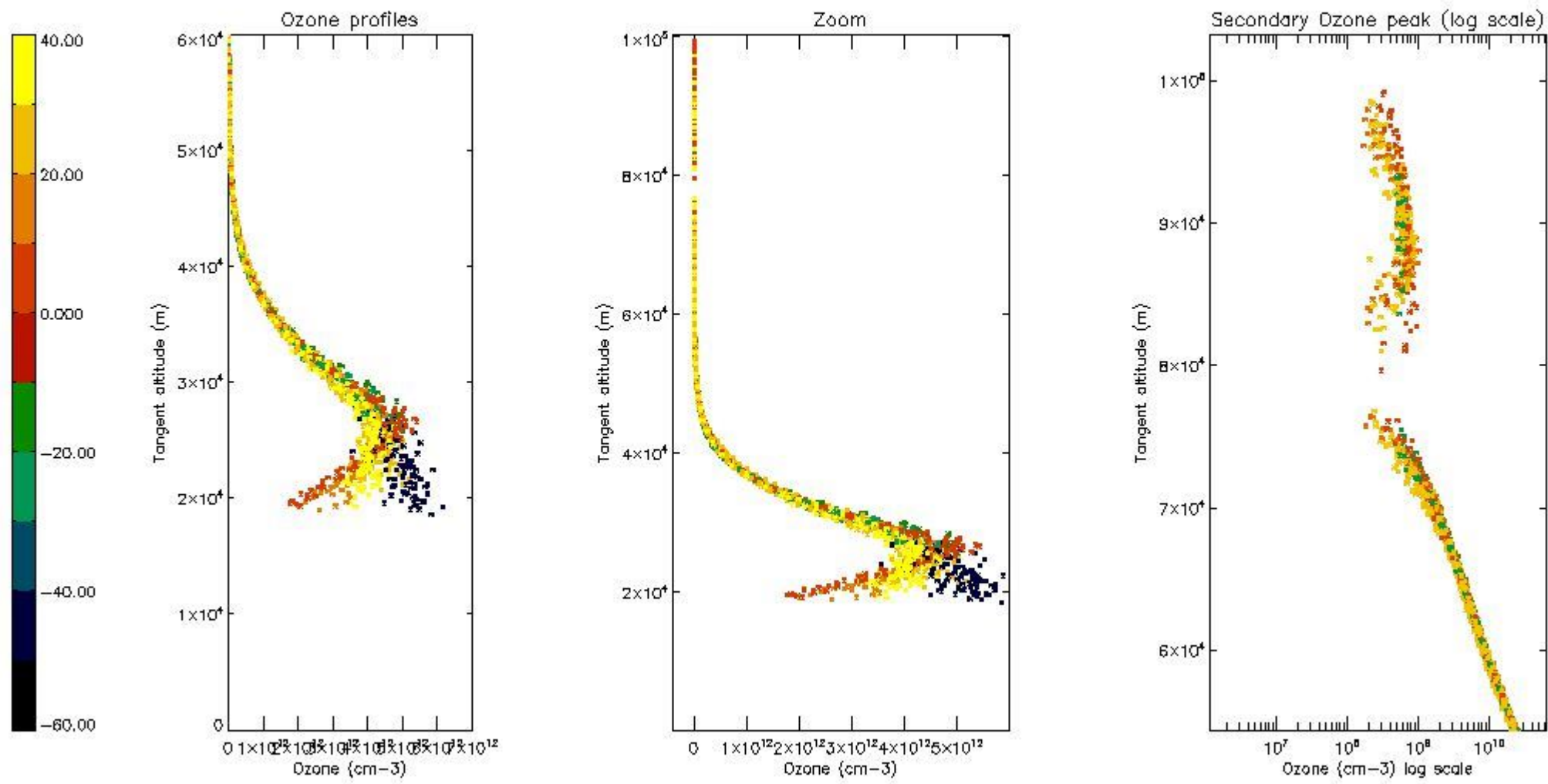
The colorbar represents the latitude.



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

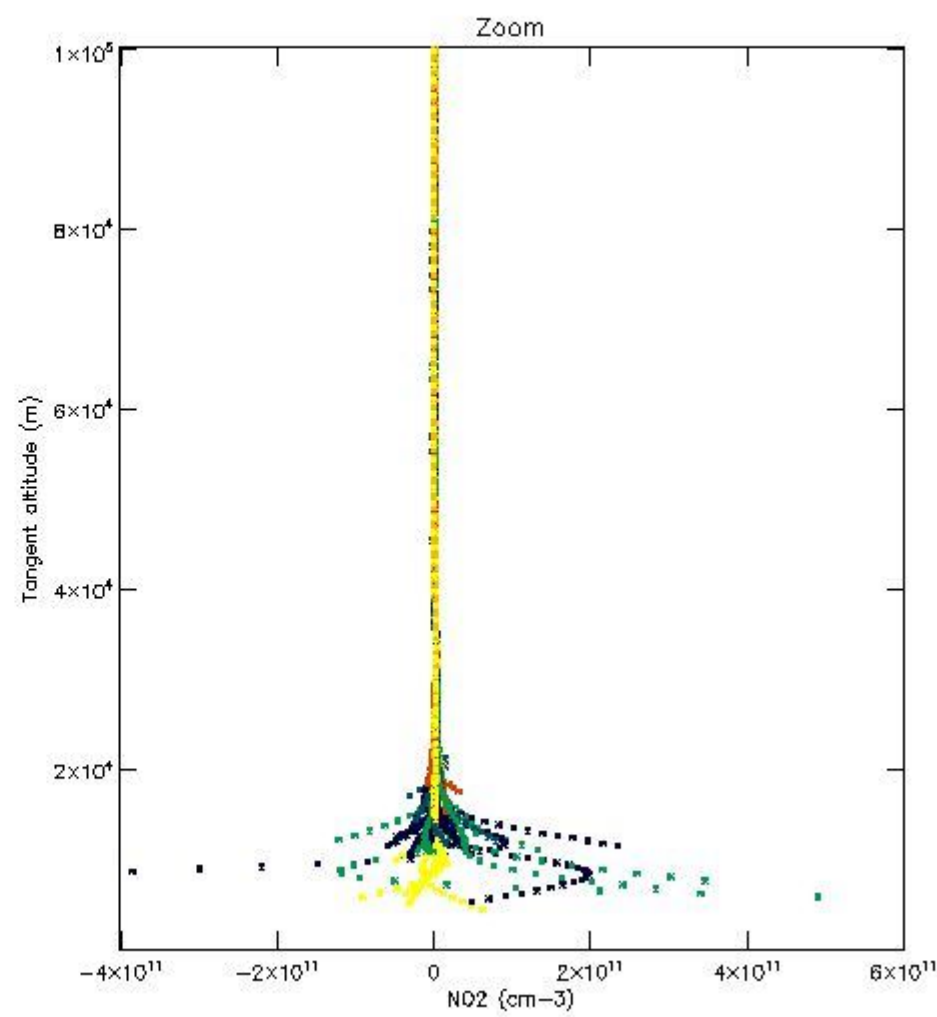
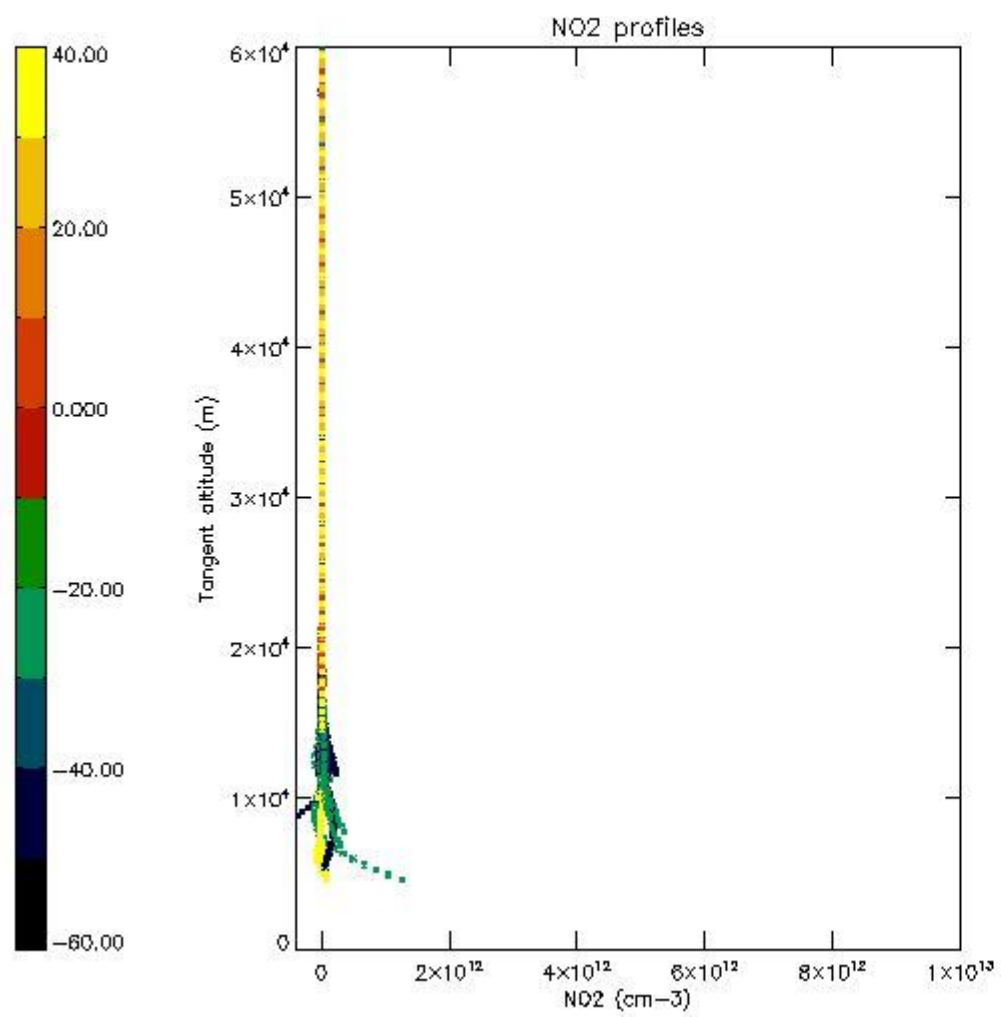
The colorbar represents the latitude.





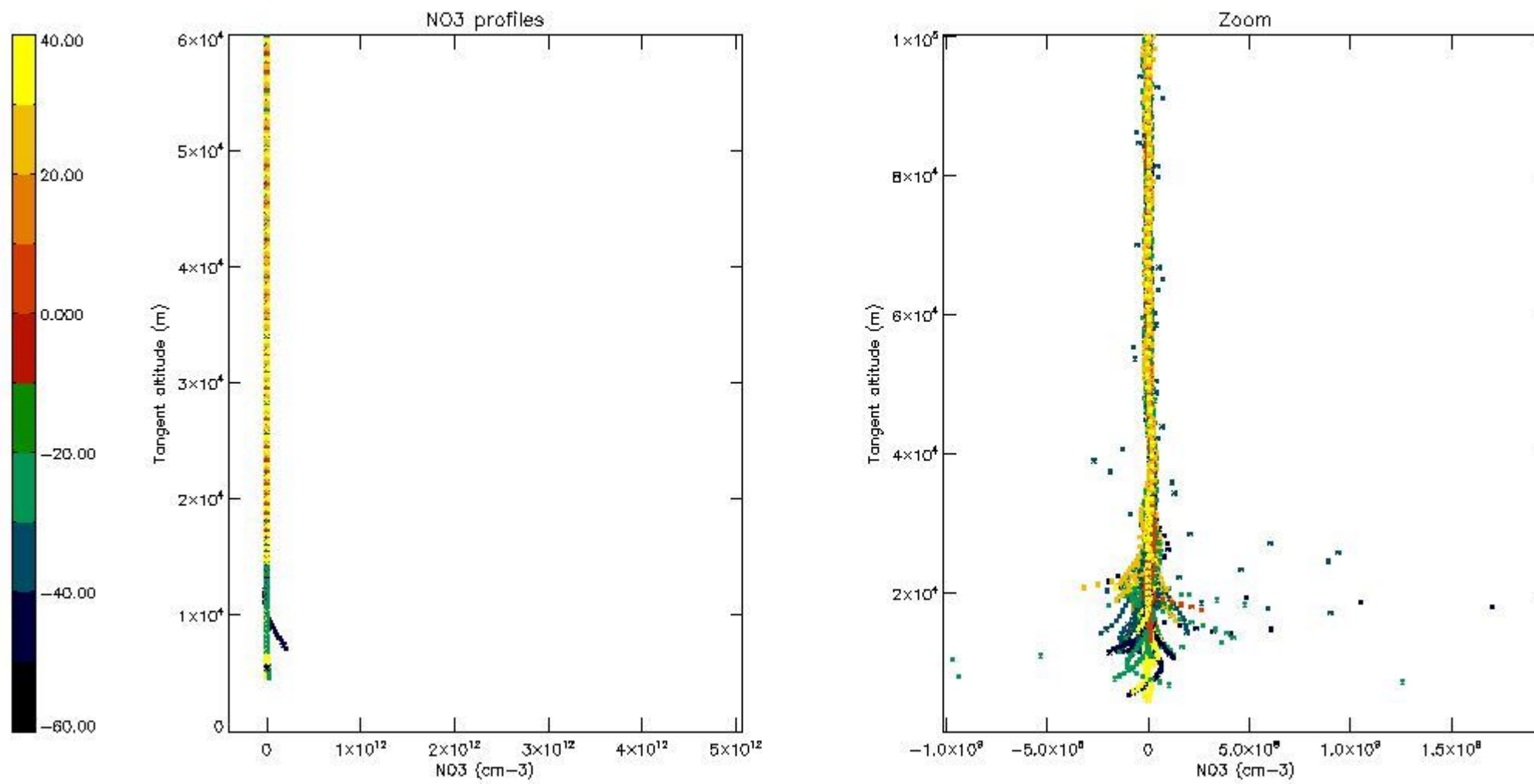
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

The colorbar represents the latitude.

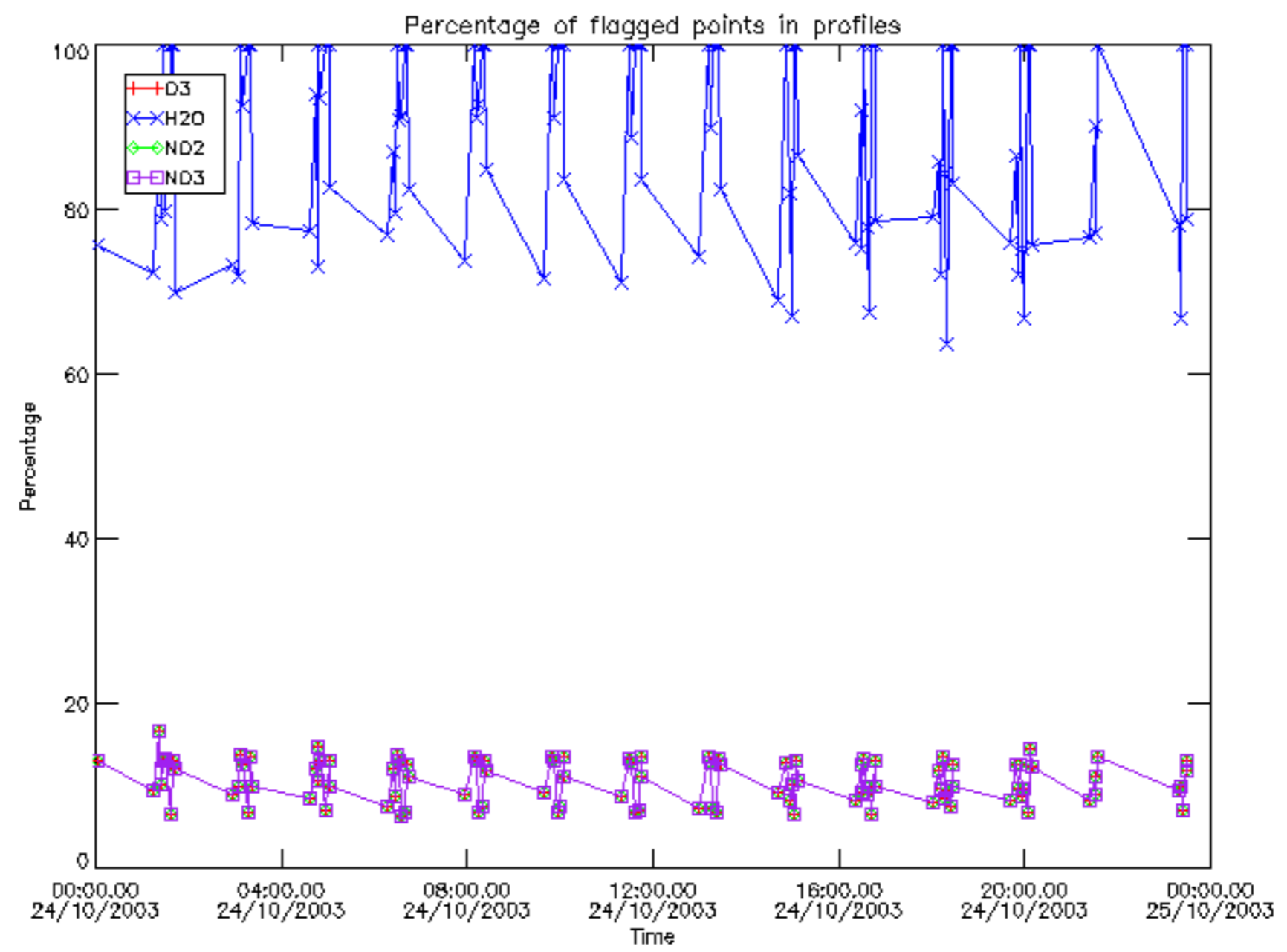


## 6. Auxiliary Data Files used for the production reported in section 2

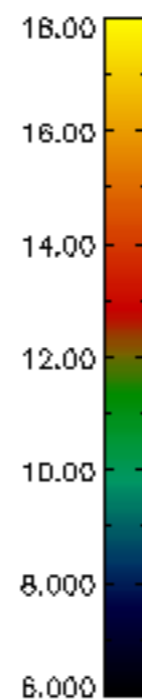
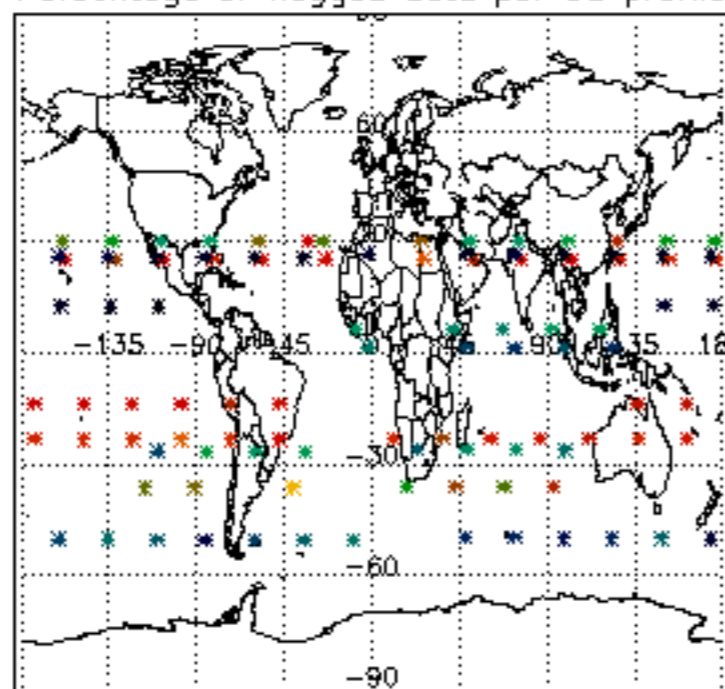
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	24-OCT-2003 00:01:17
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	24-OCT-2003 00:01:17
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	24-OCT-2003 00:01:17

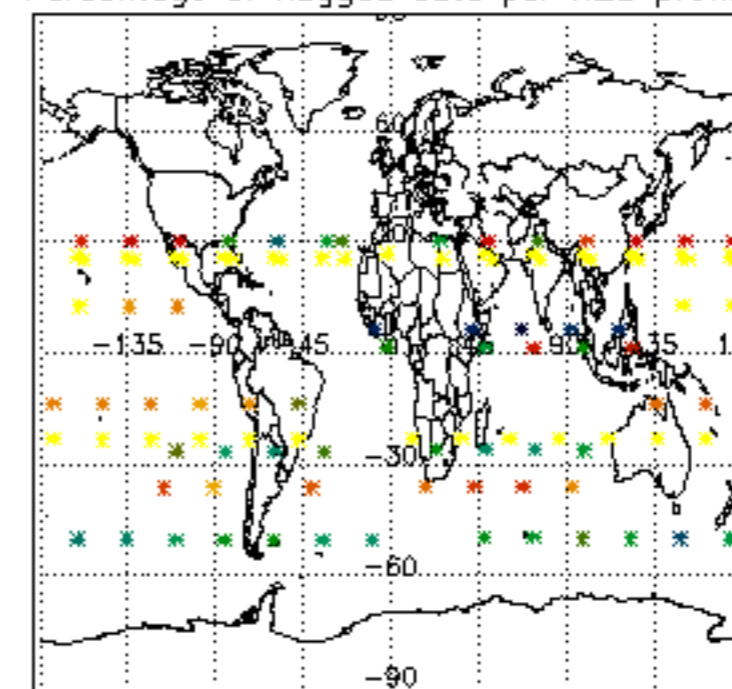




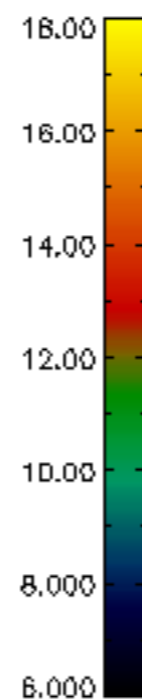
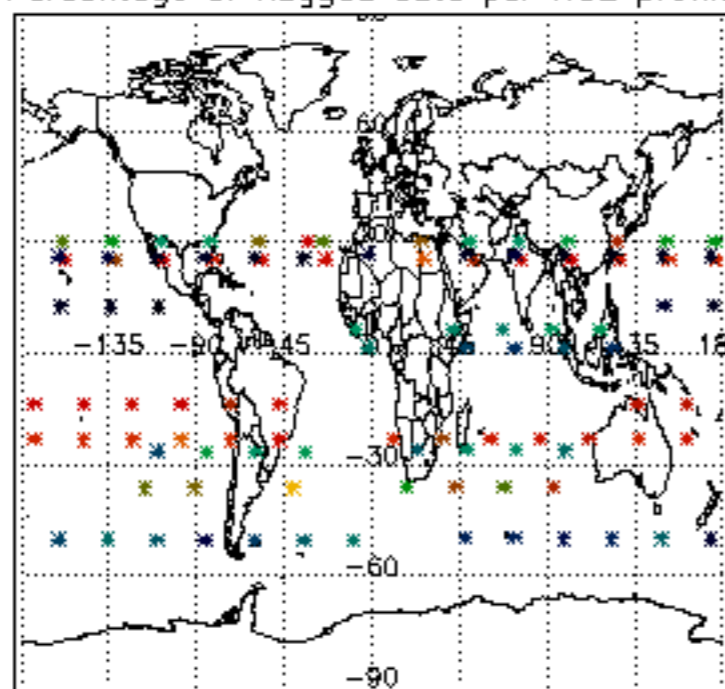
Percentage of flagged data per D3 profile



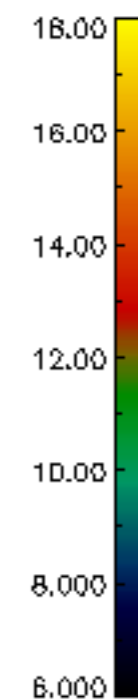
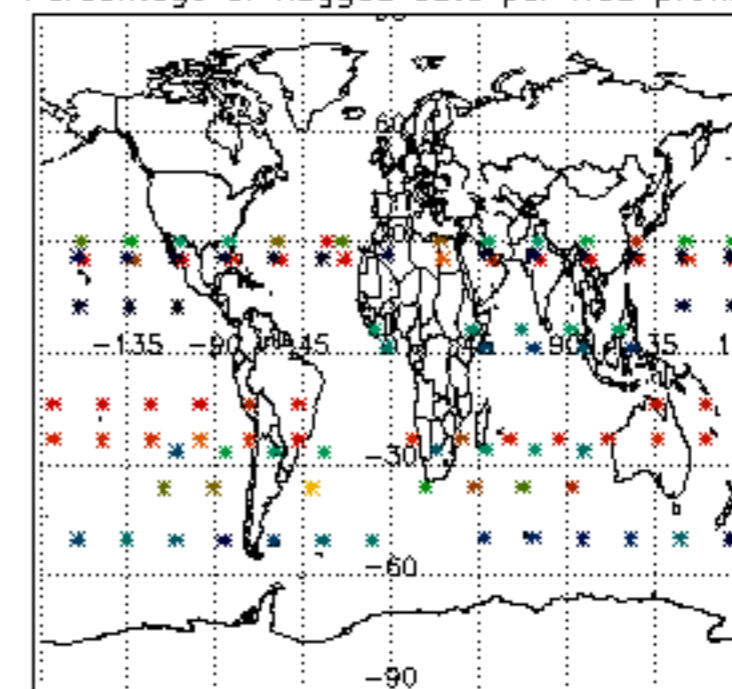
Percentage of flagged data per H2O profile

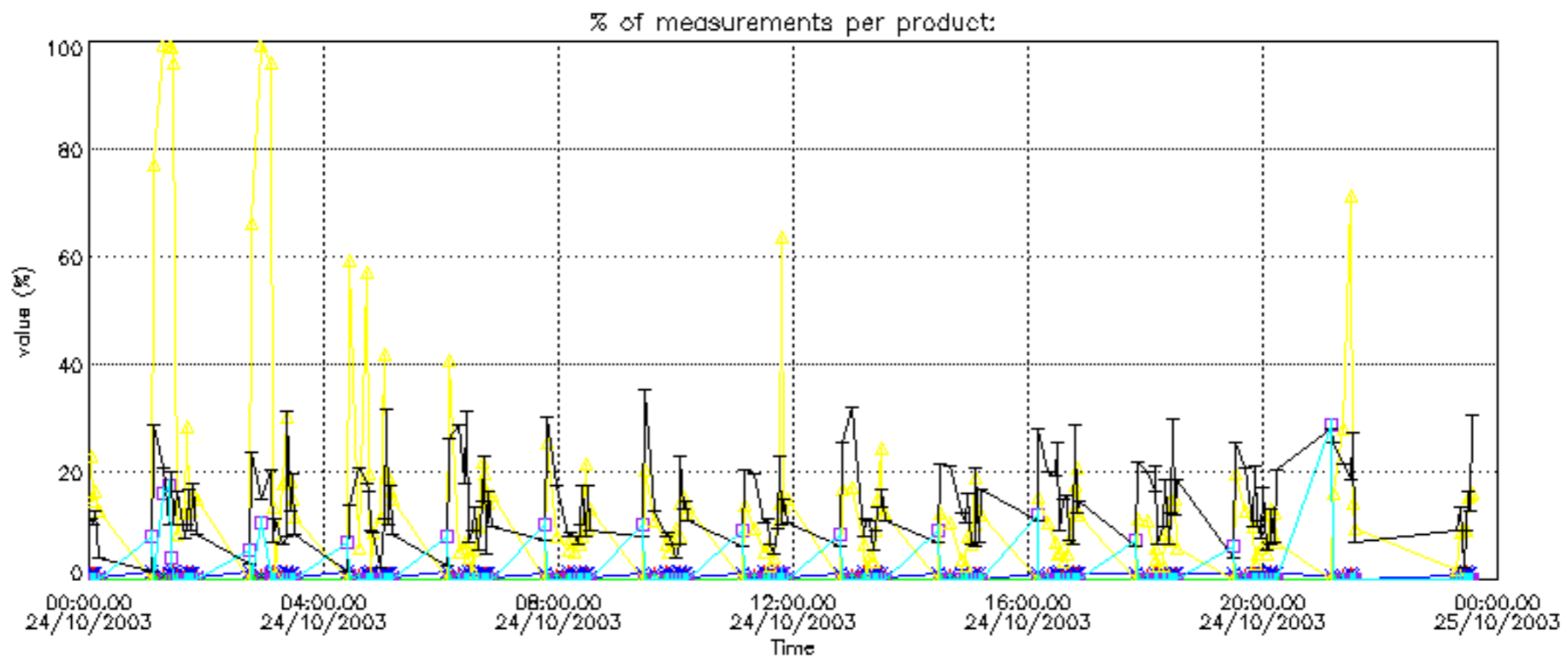


Percentage of flagged data per NO2 profile

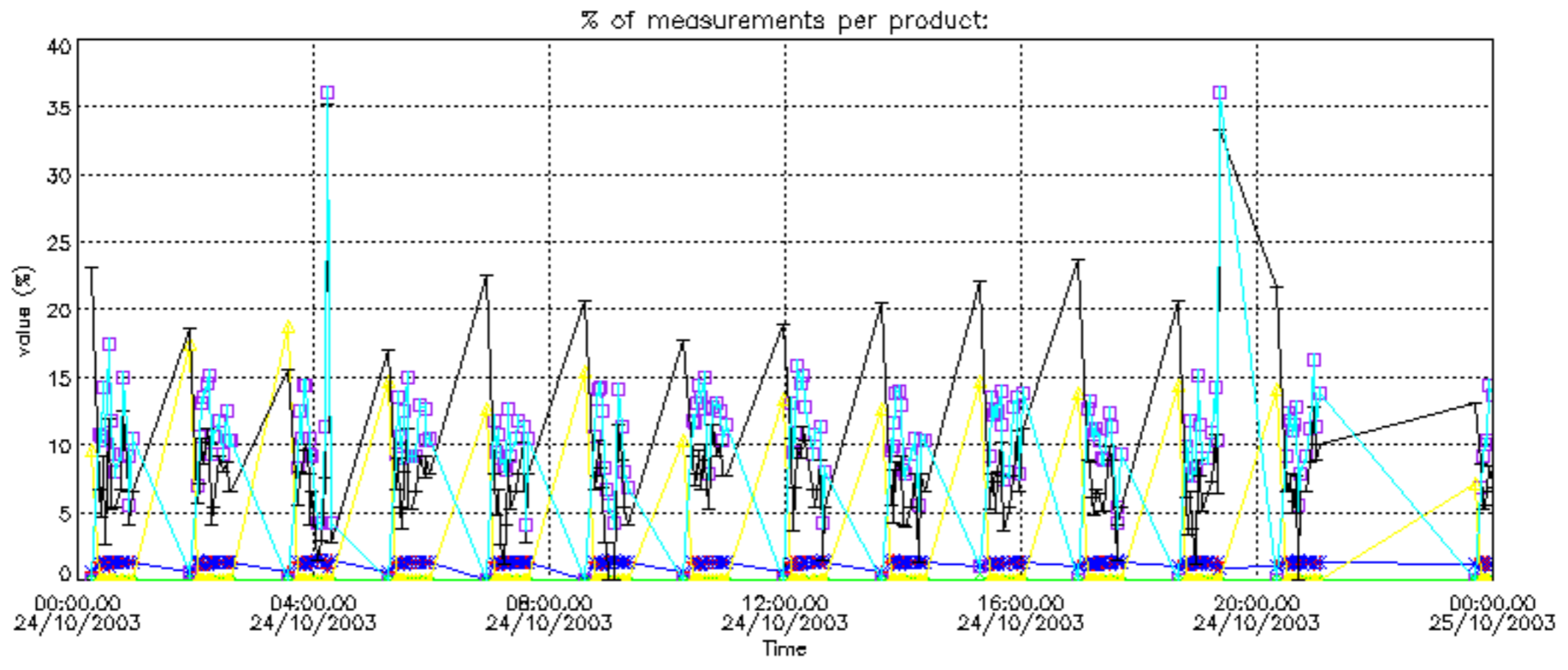


Percentage of flagged data per NO3 profile

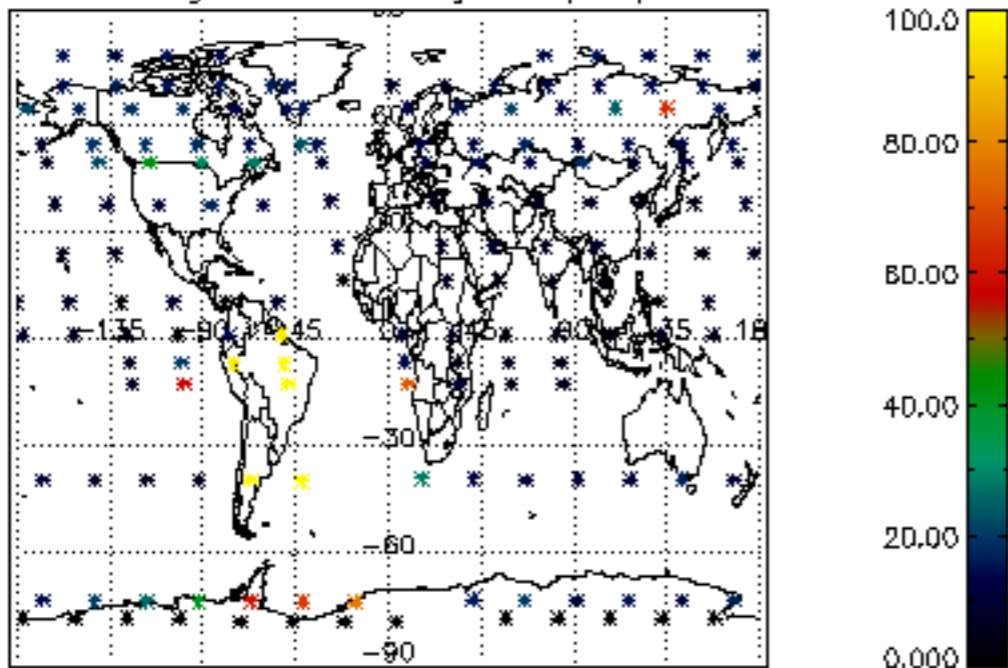




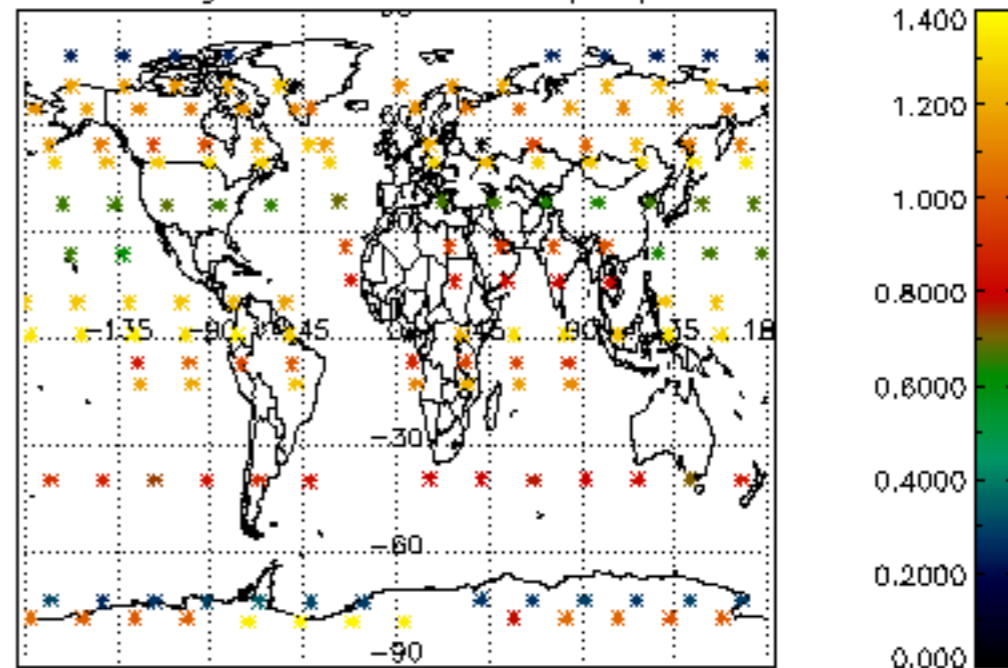




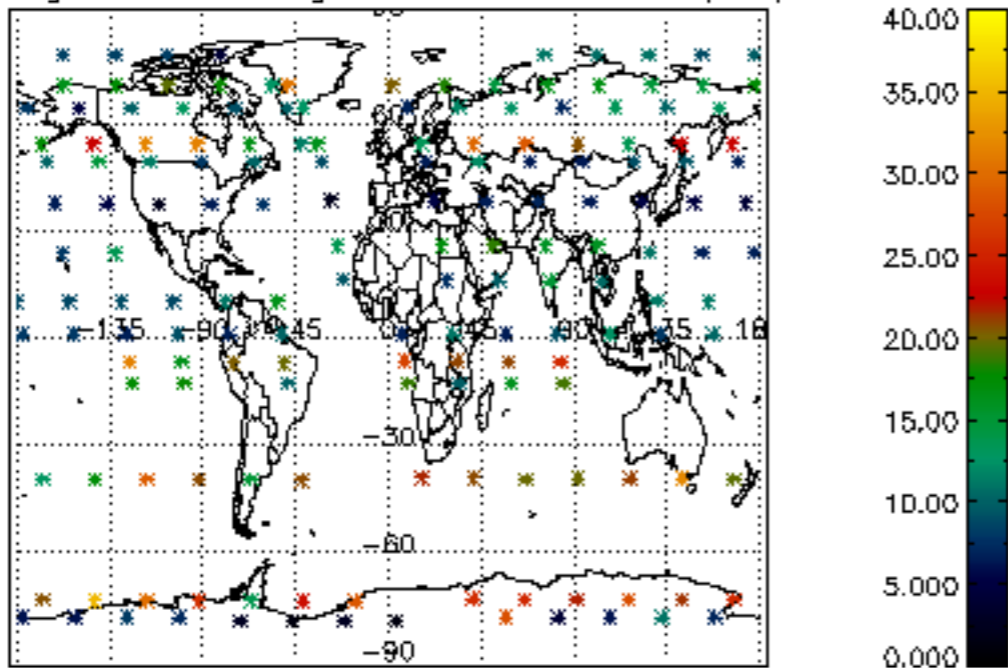
Percentage of cosmic ray hits per profile



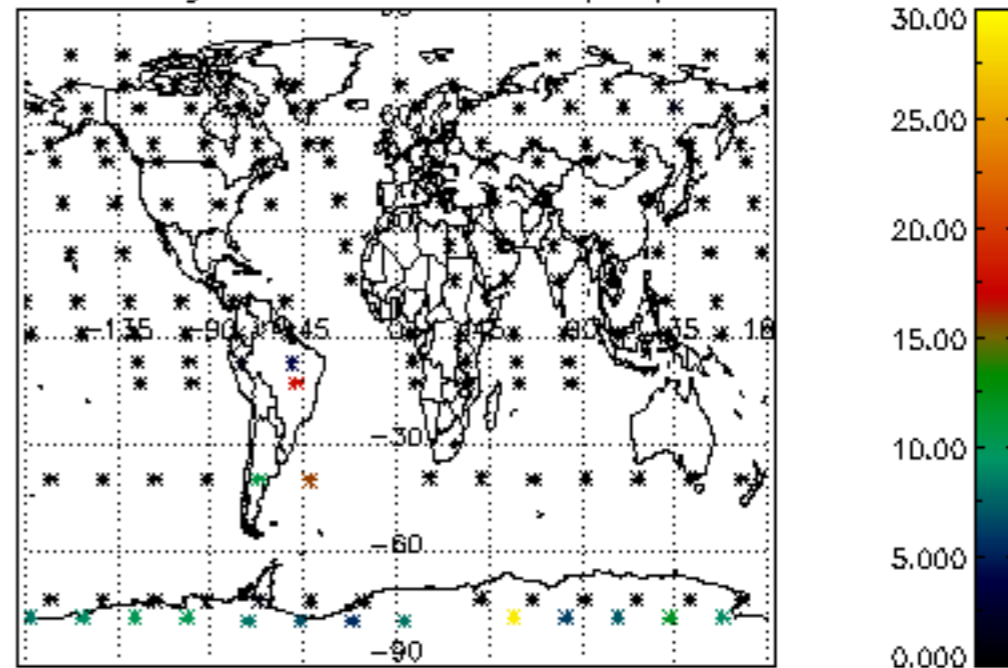
Percentage of datation errors per profile



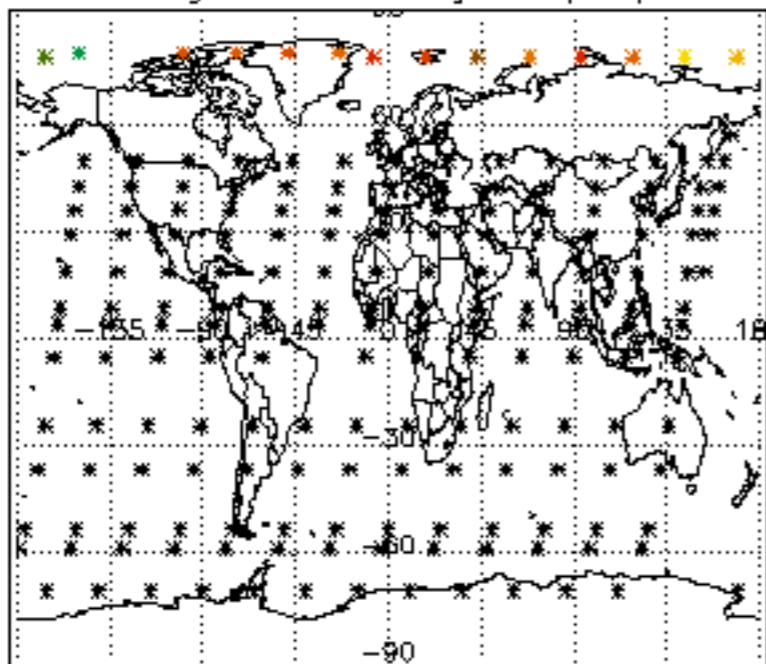
Percentage of star falling outside central band per profile



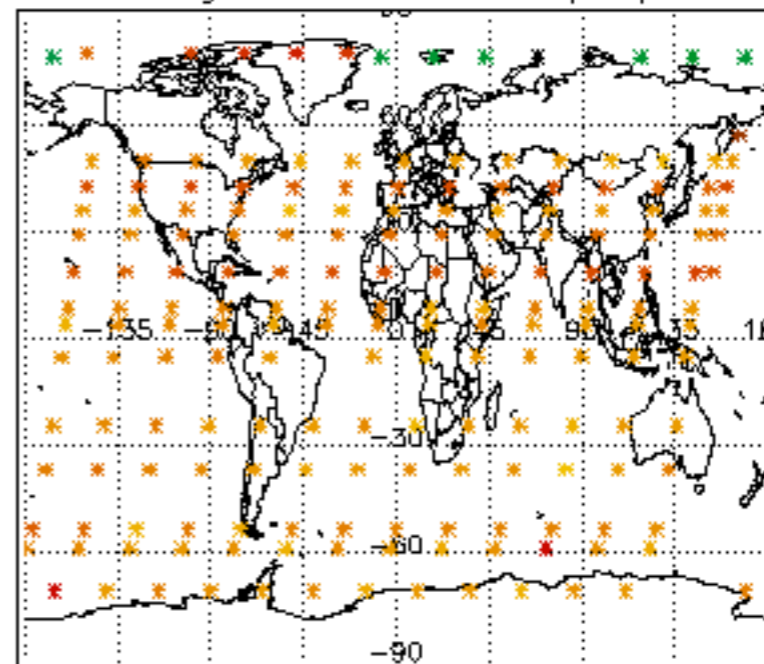
Percentage of saturation errors per profile



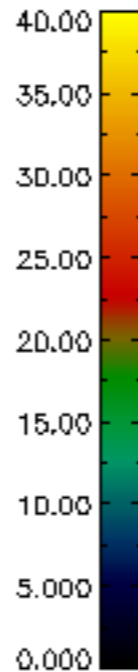
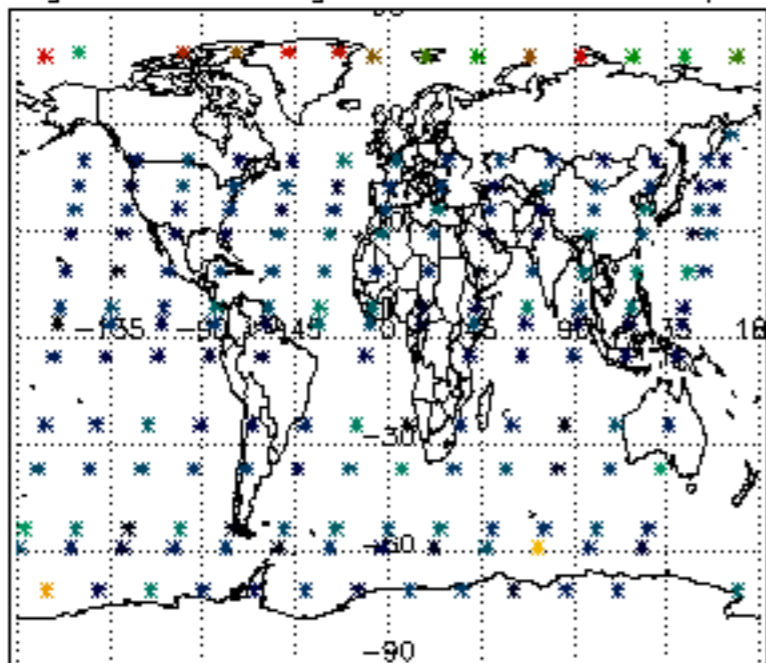
Percentage of cosmic ray hits per profile



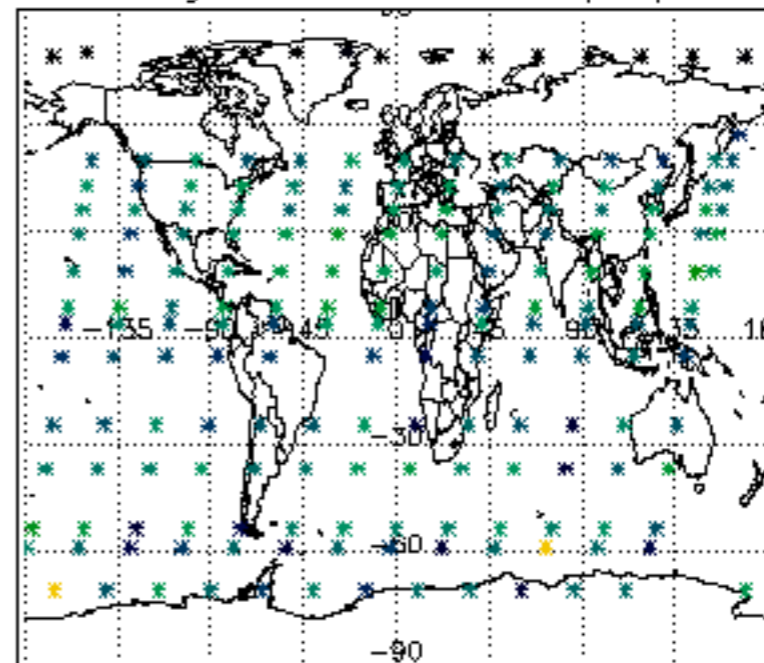
Percentage of datation errors per profile



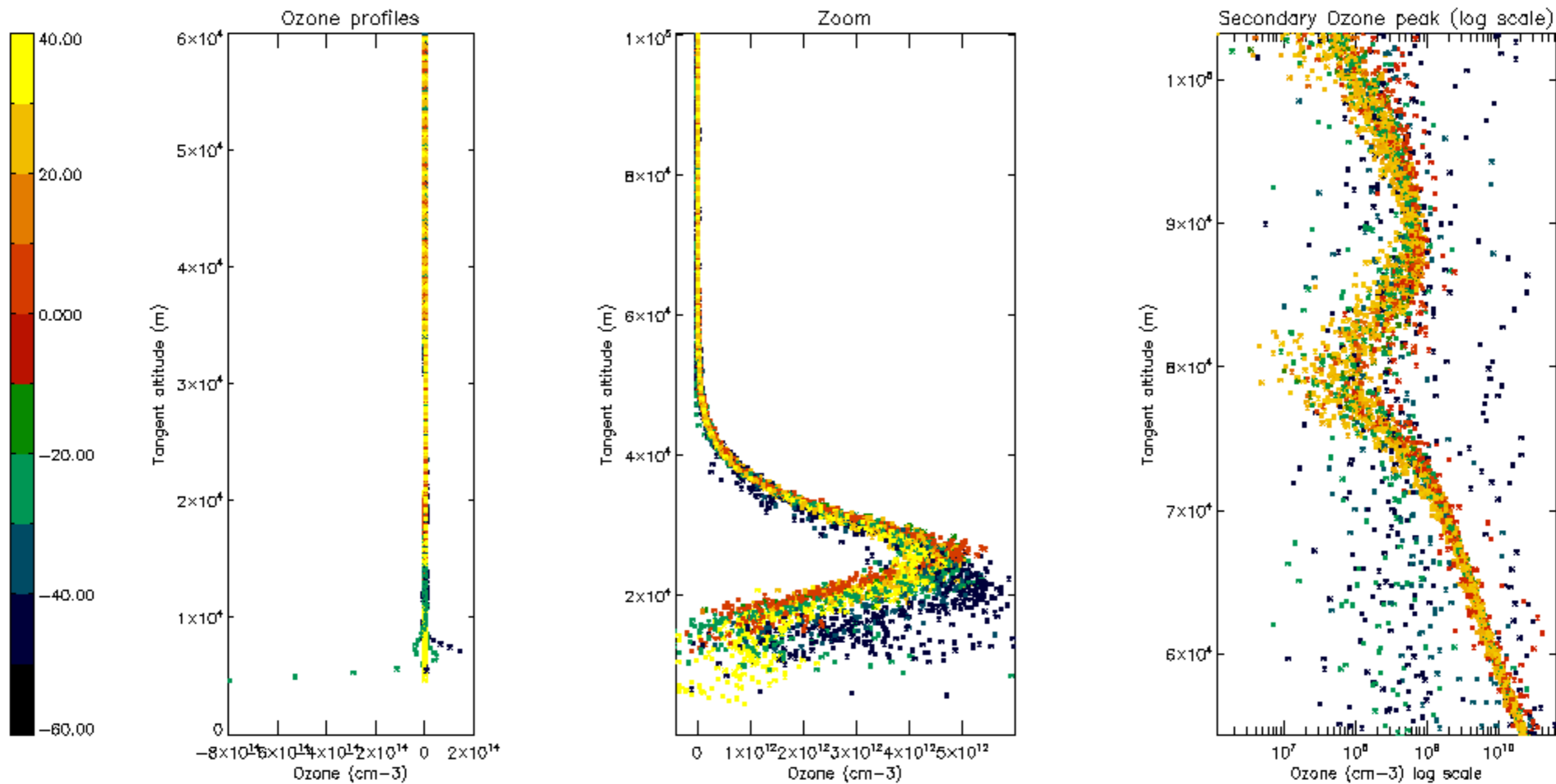
Percentage of star falling outside central band per profile

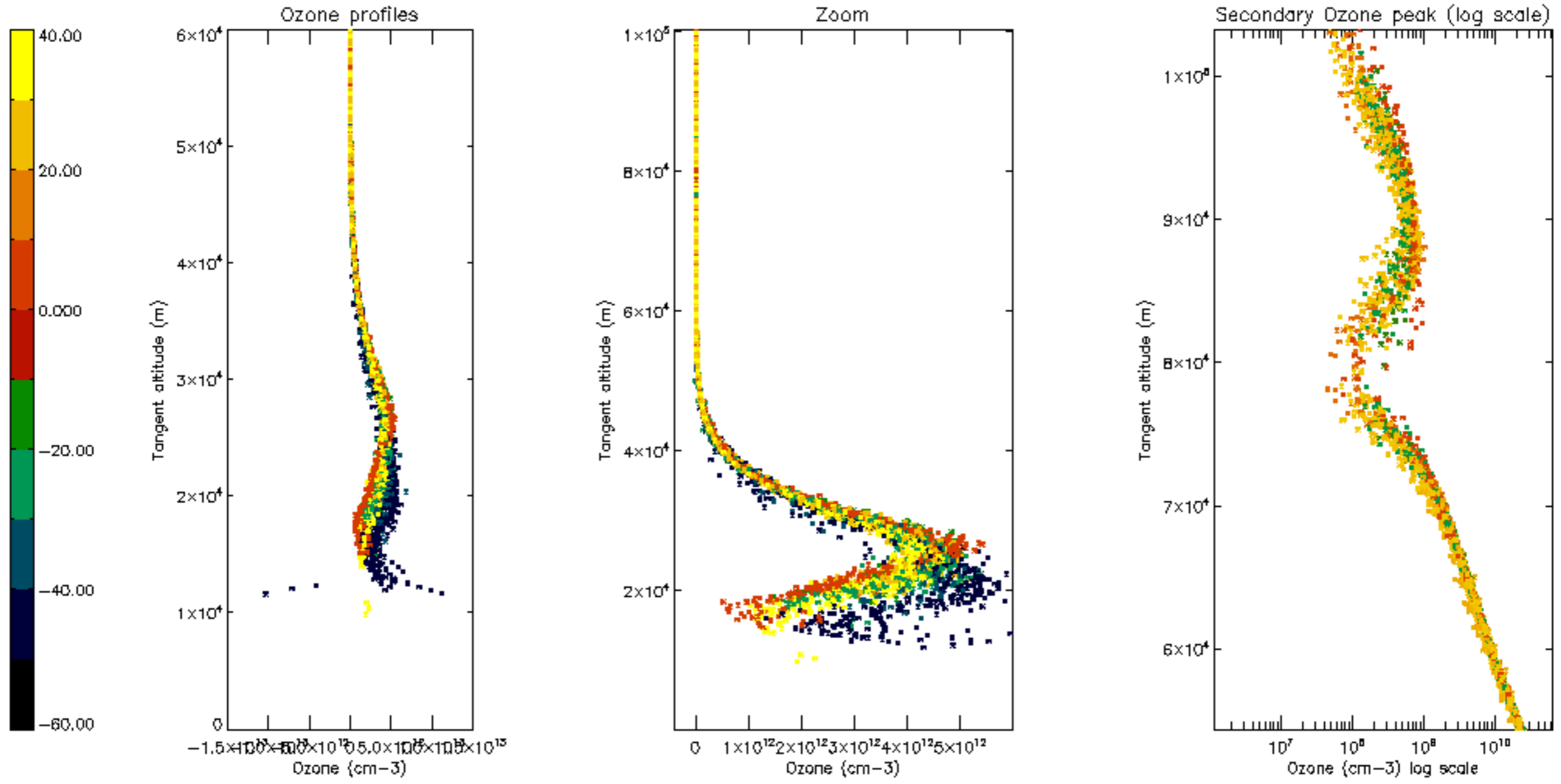


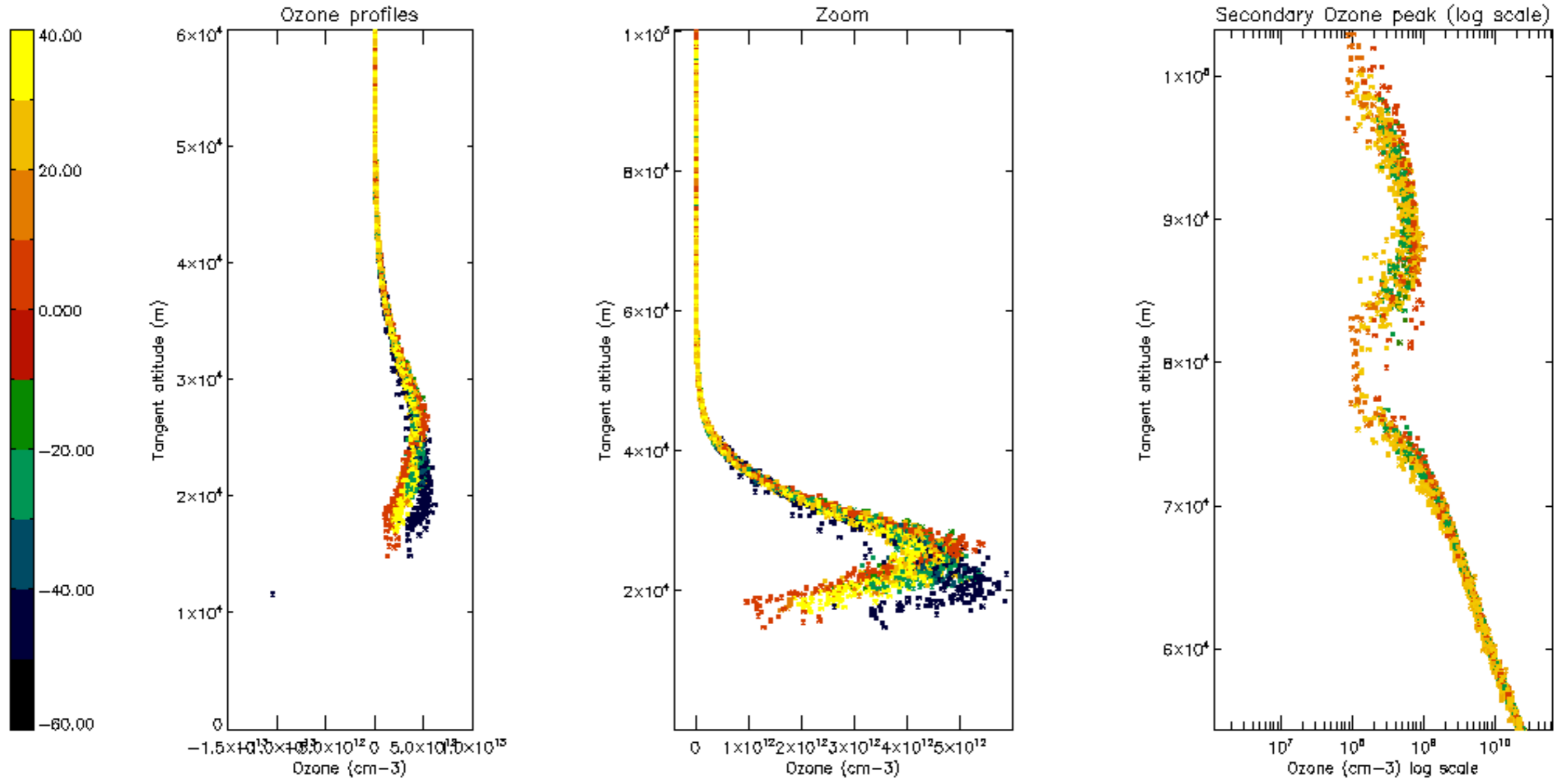
Percentage of saturation errors per profile



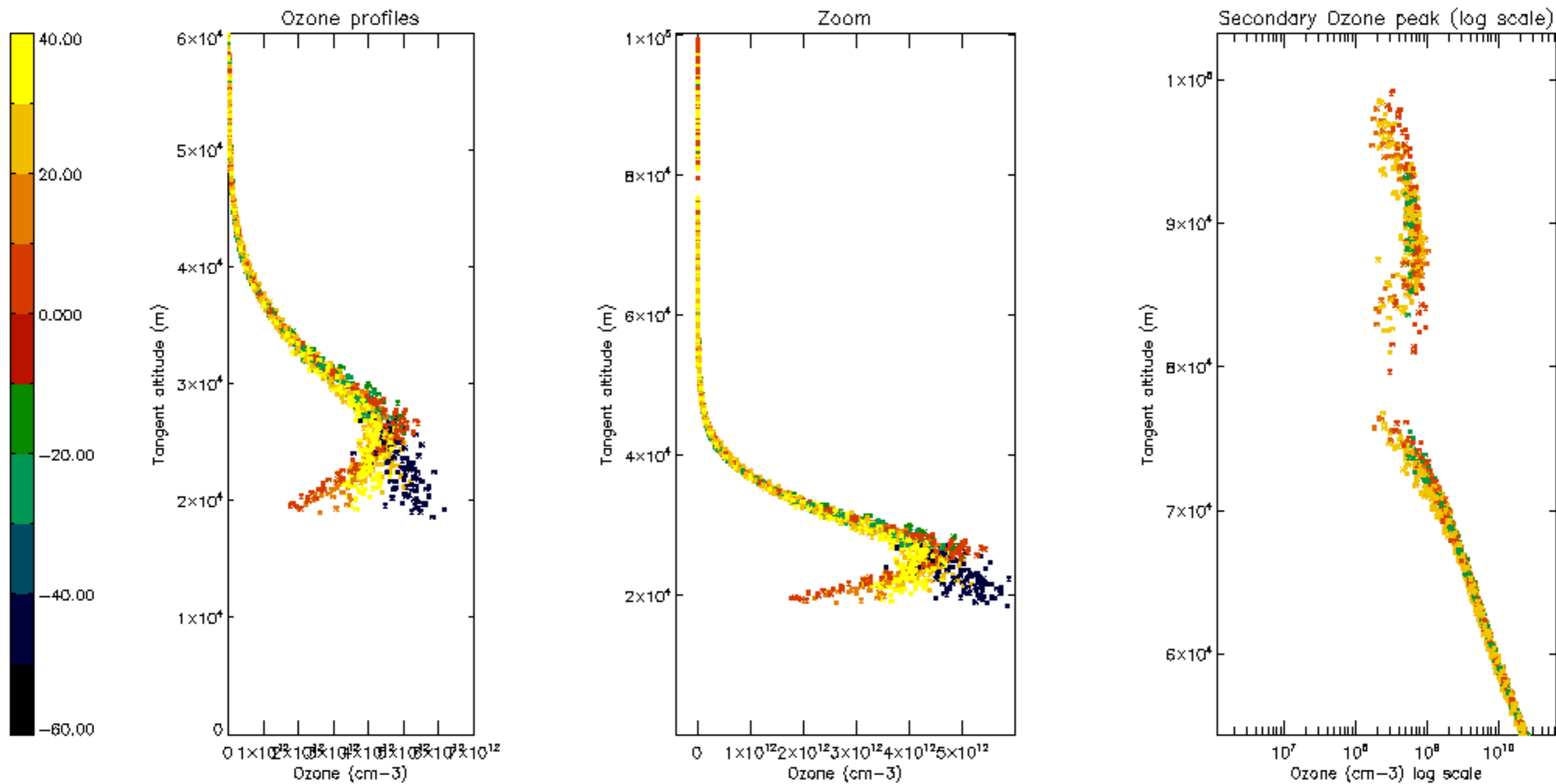


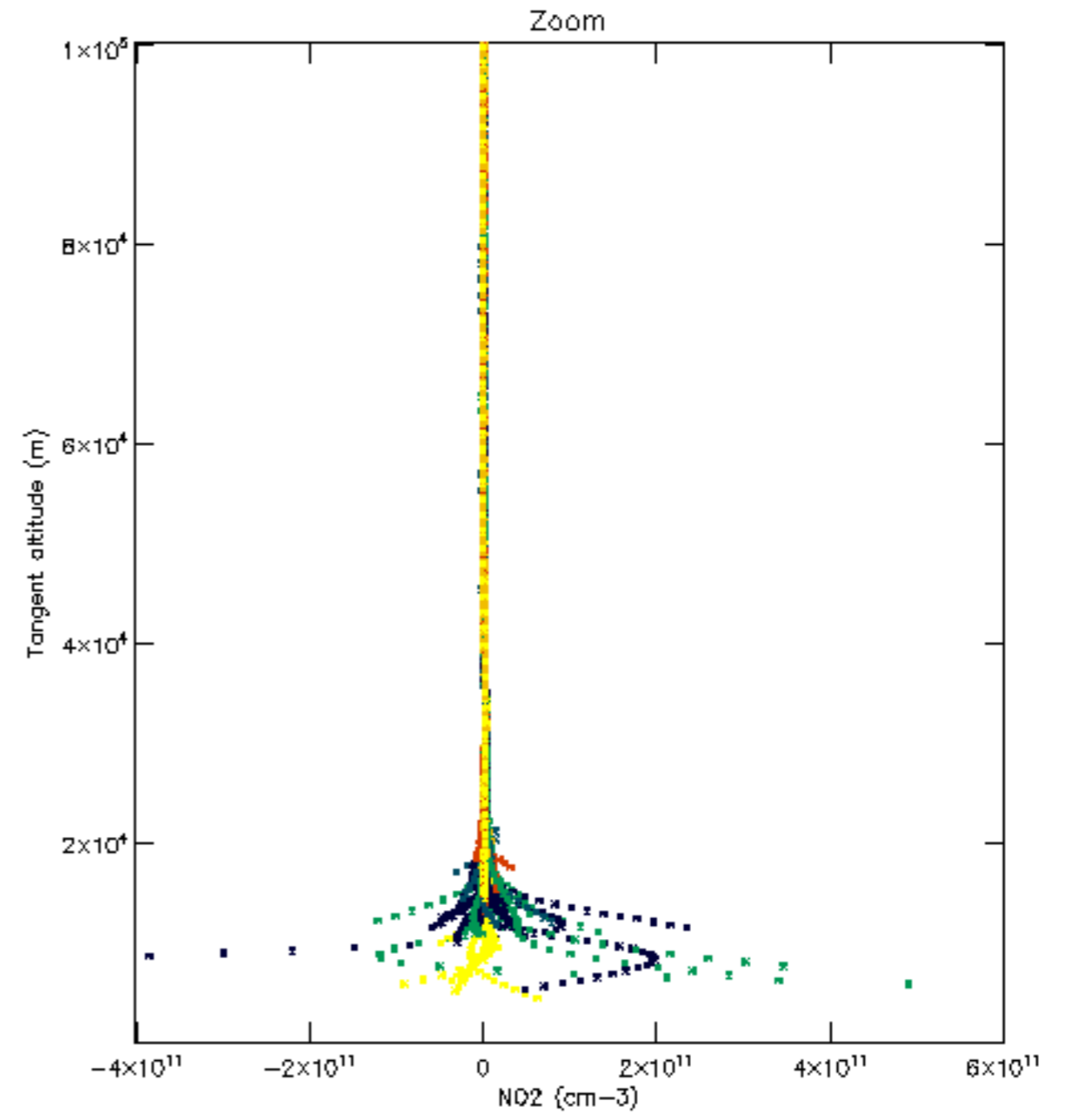
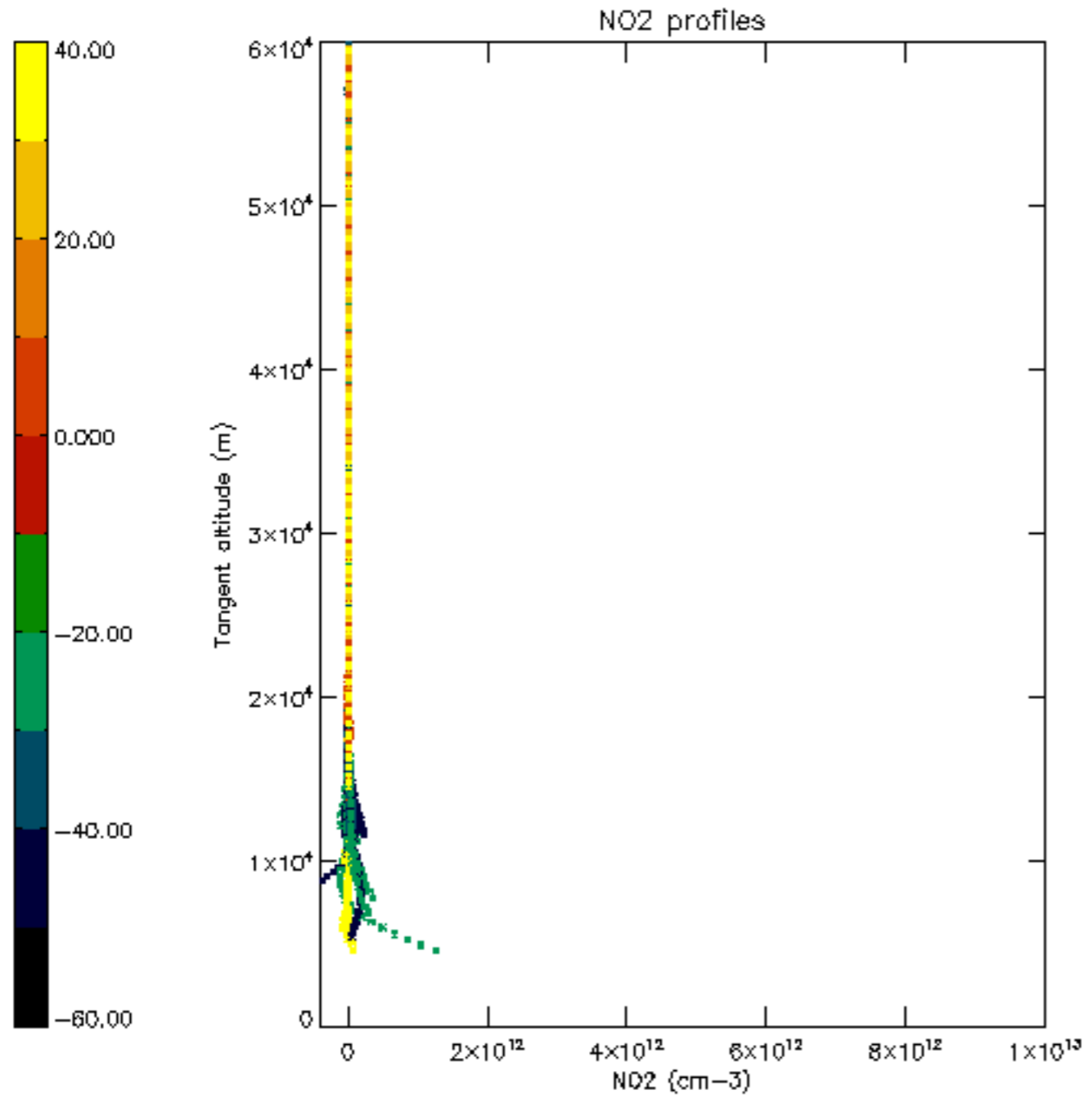


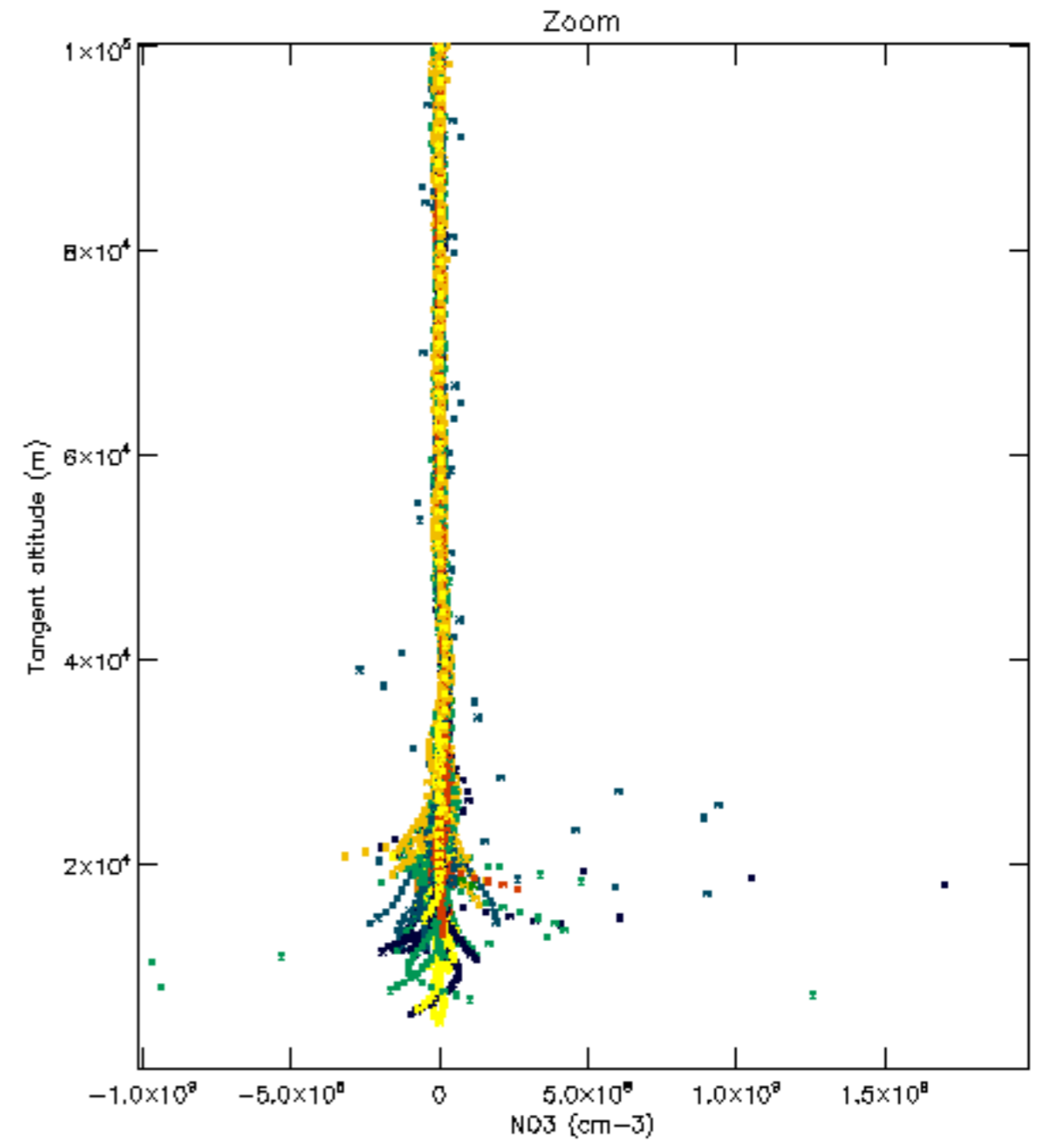
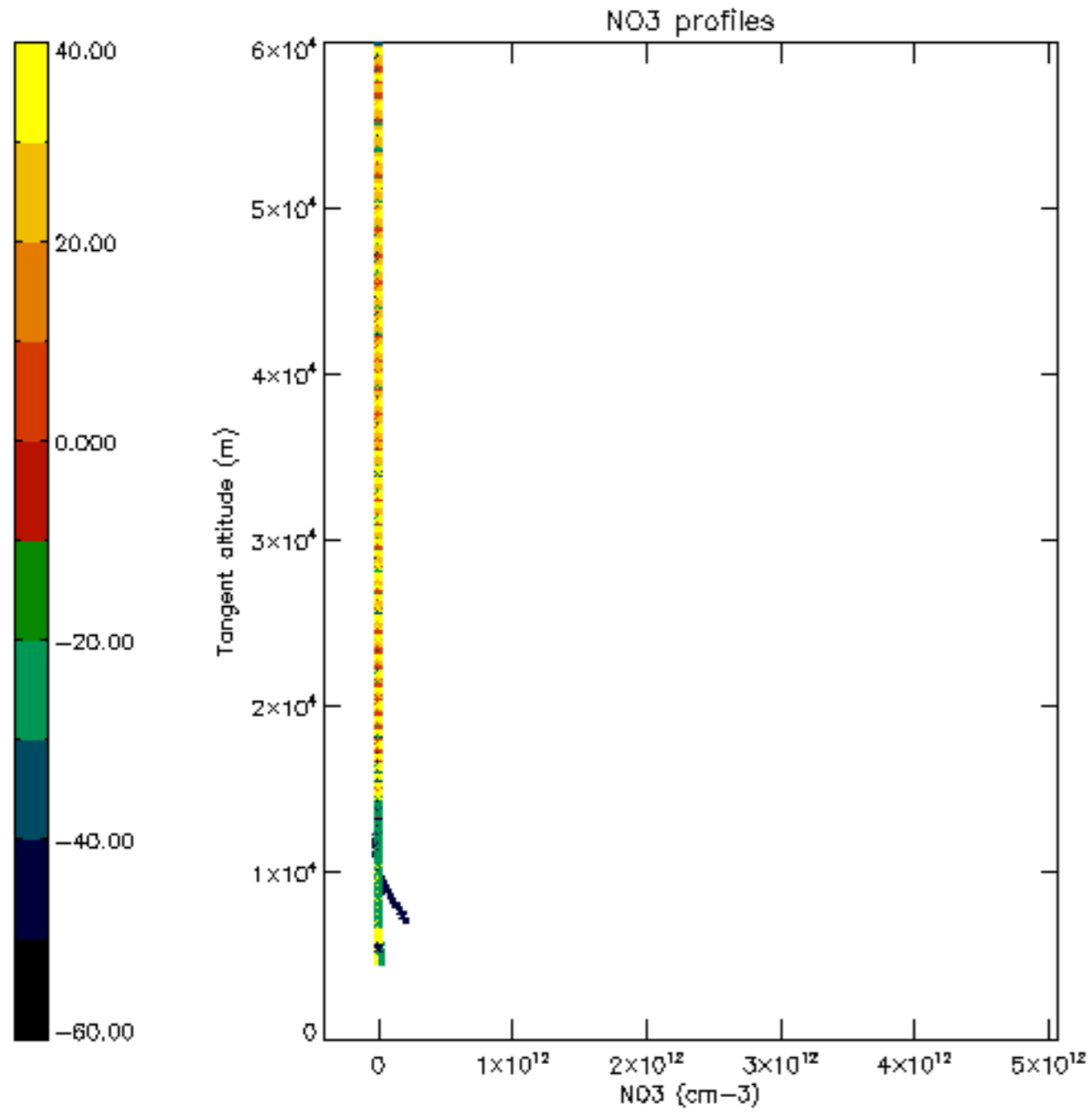




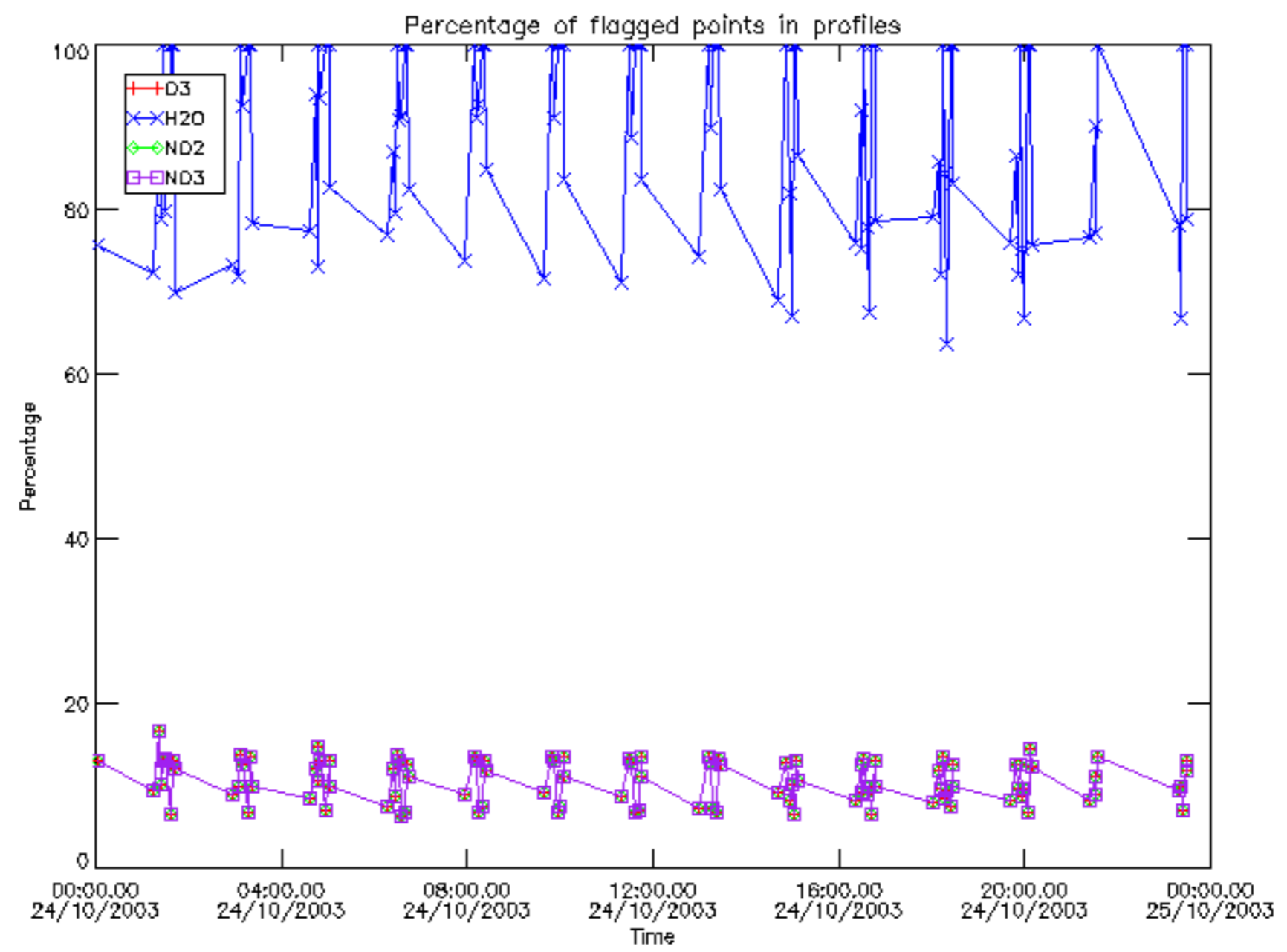




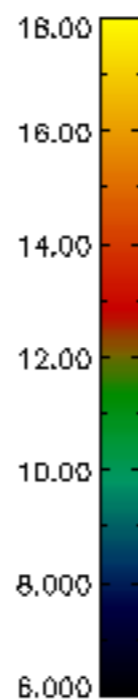
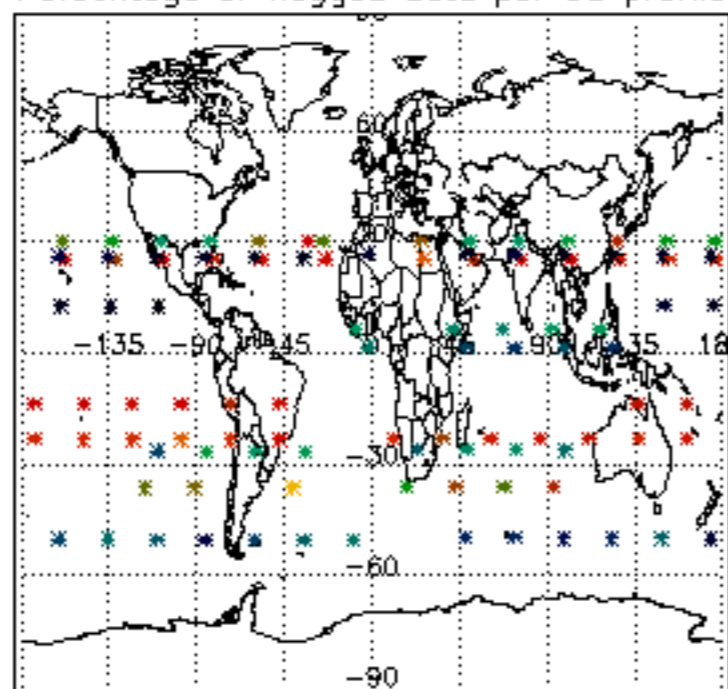




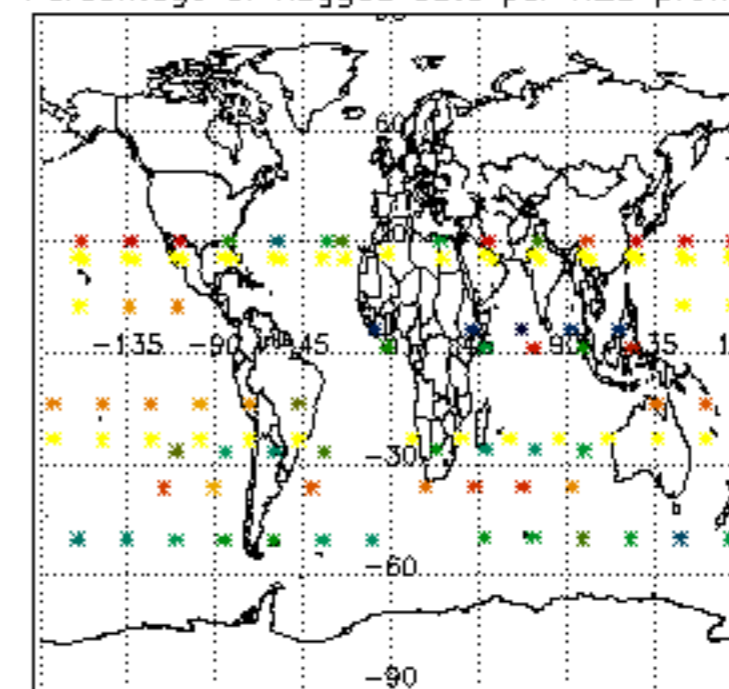




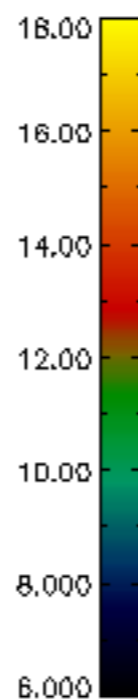
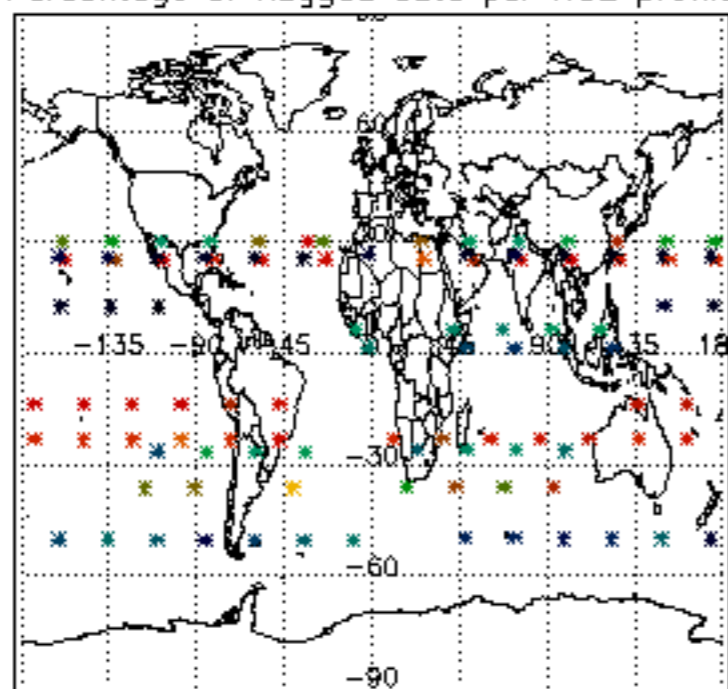
Percentage of flagged data per D3 profile



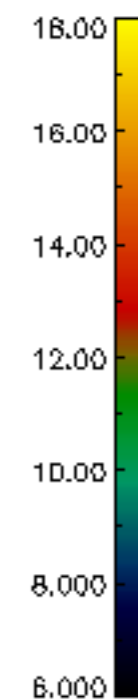
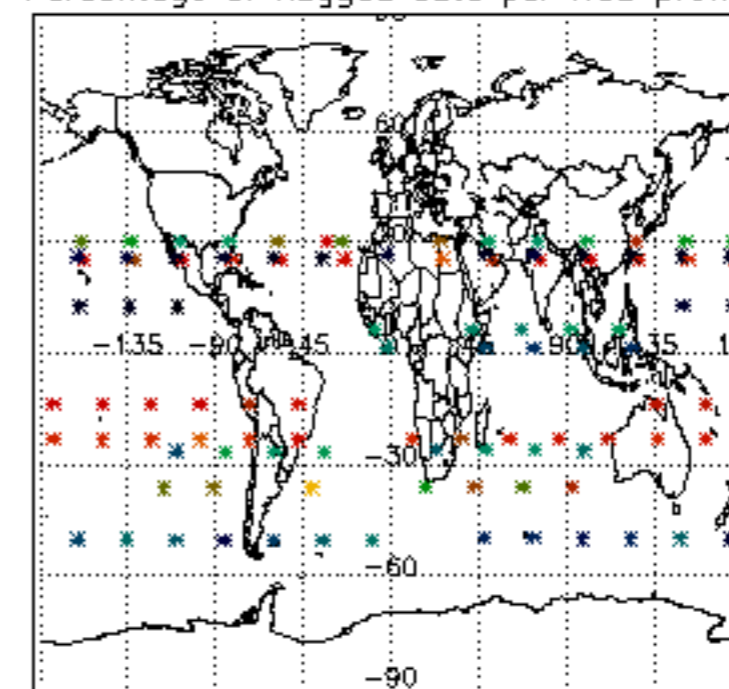
Percentage of flagged data per H2O profile

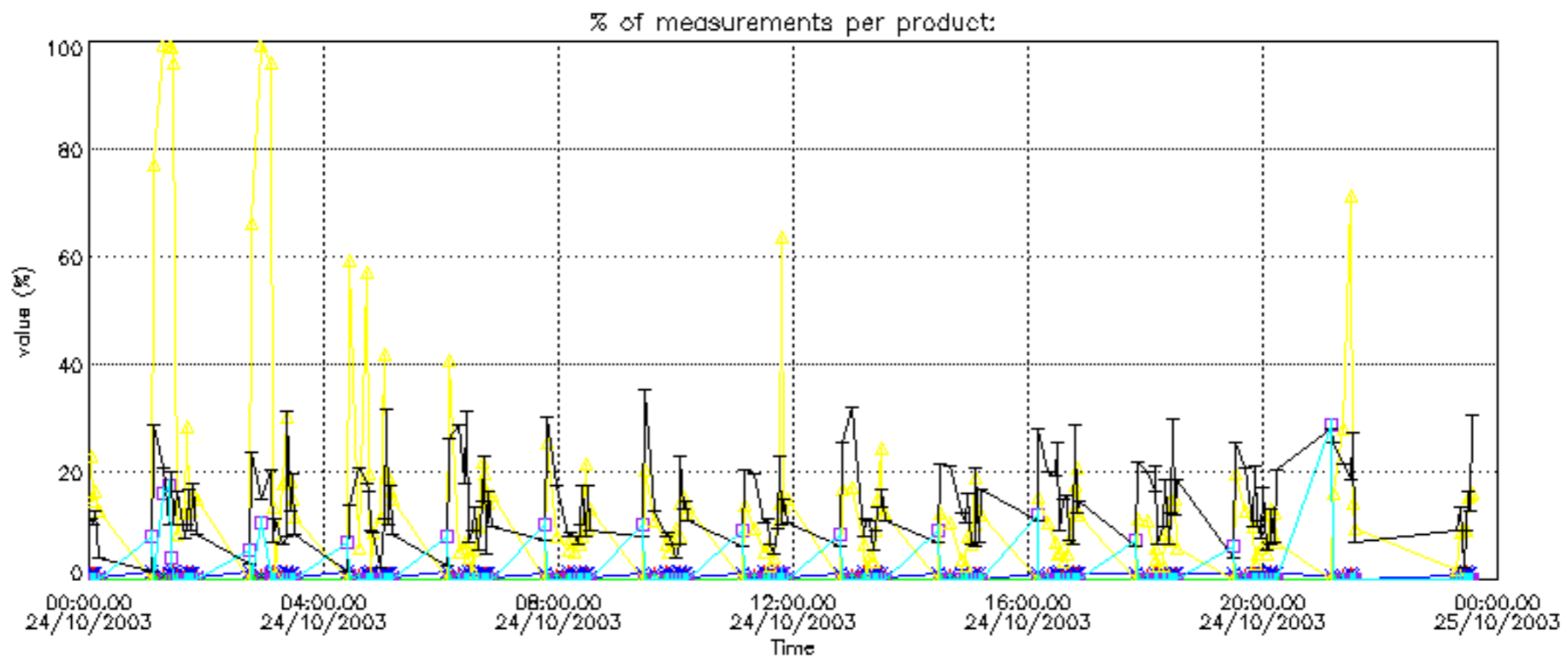


Percentage of flagged data per NO2 profile

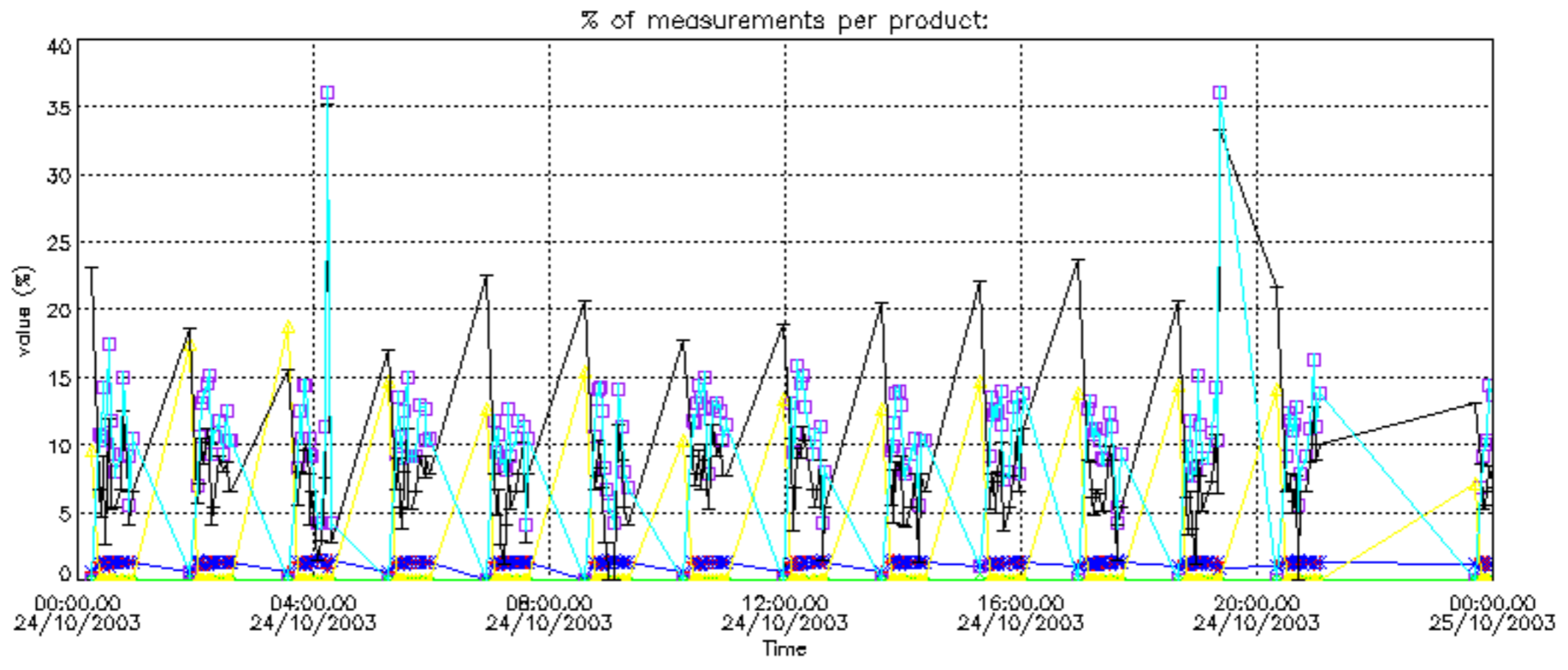


Percentage of flagged data per NO3 profile

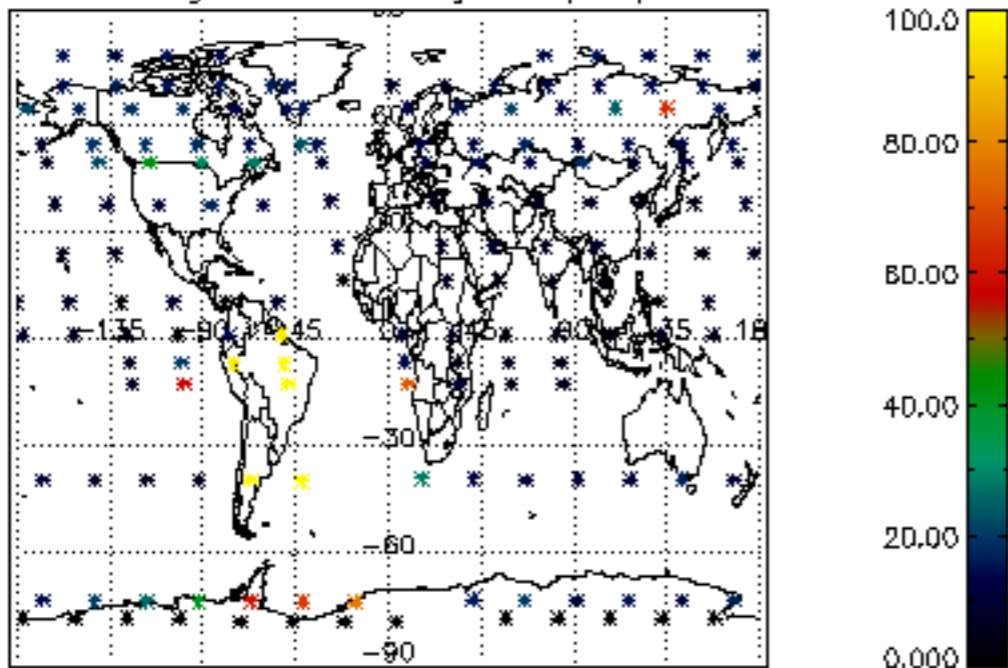




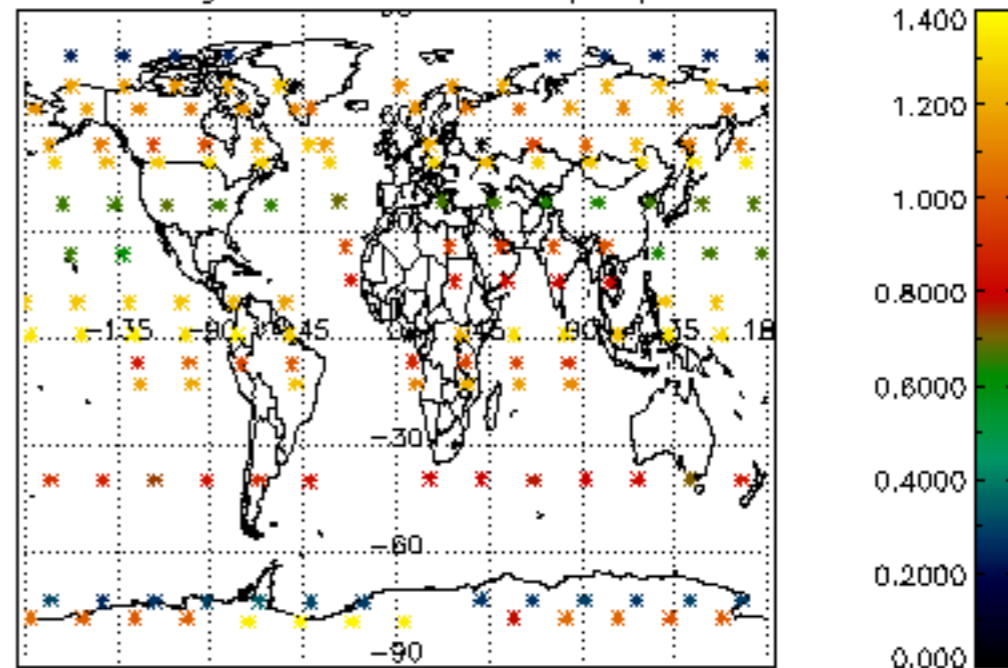




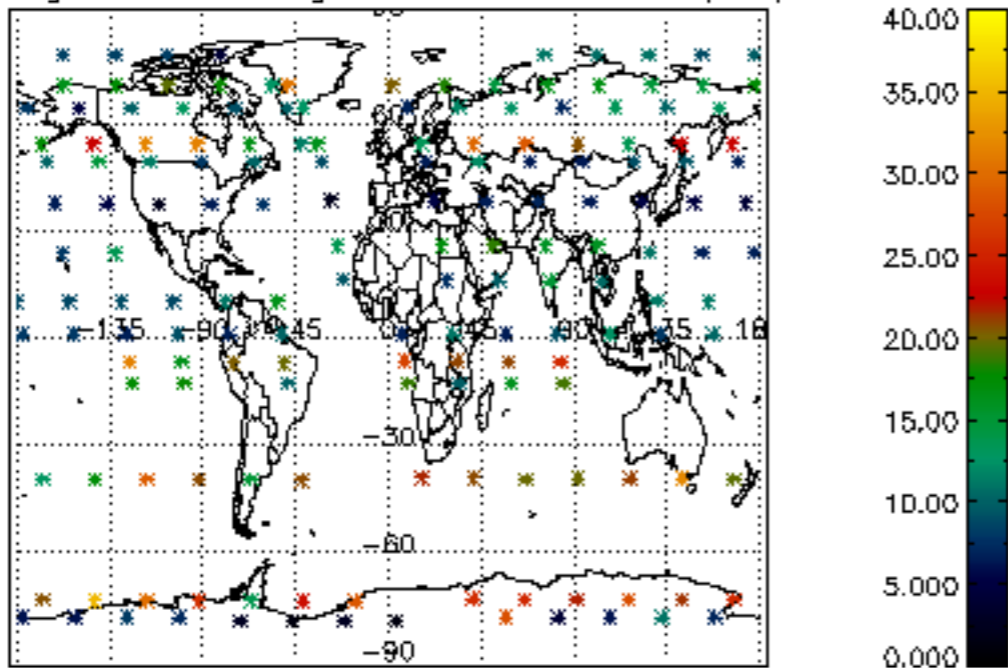
Percentage of cosmic ray hits per profile



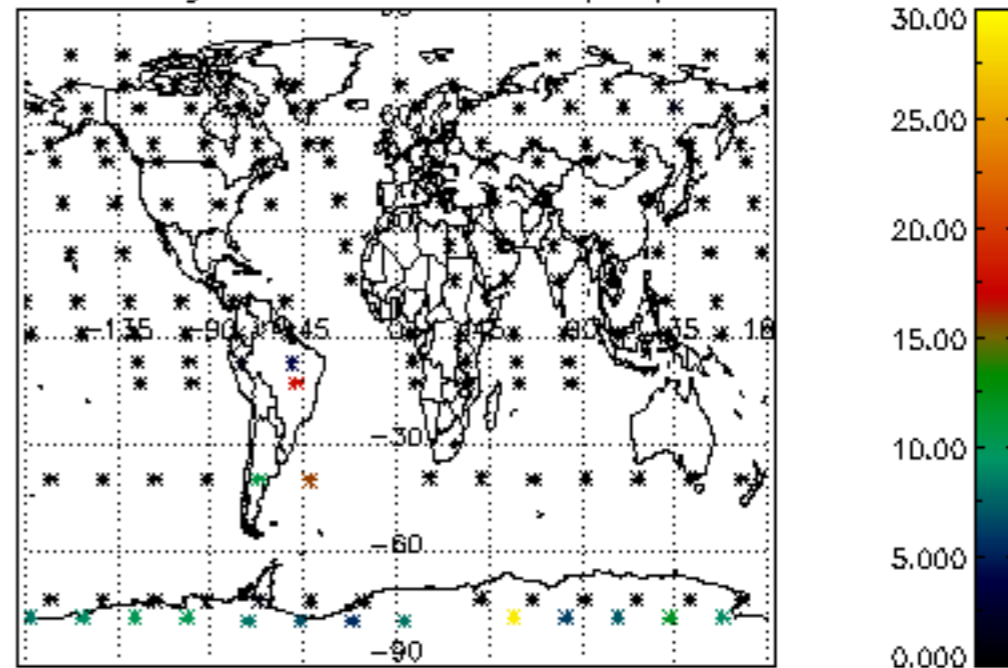
Percentage of datation errors per profile



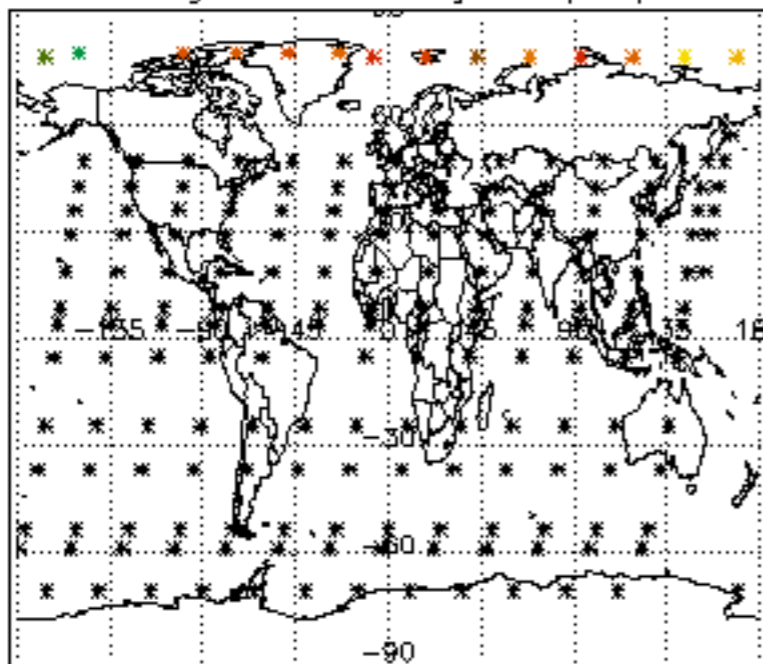
Percentage of star falling outside central band per profile



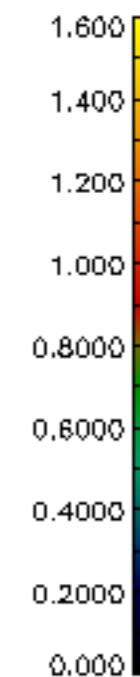
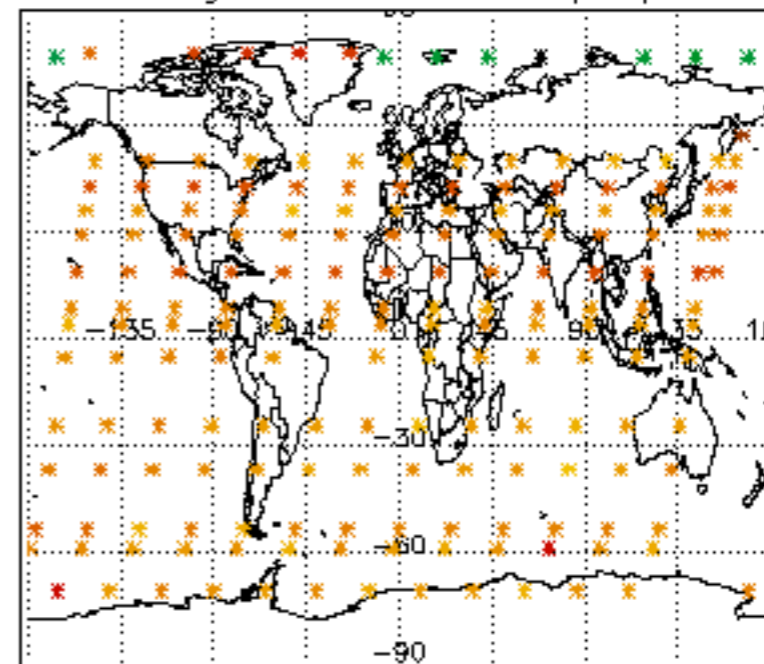
Percentage of saturation errors per profile



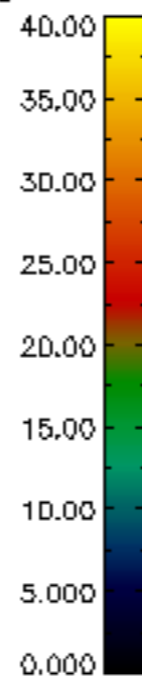
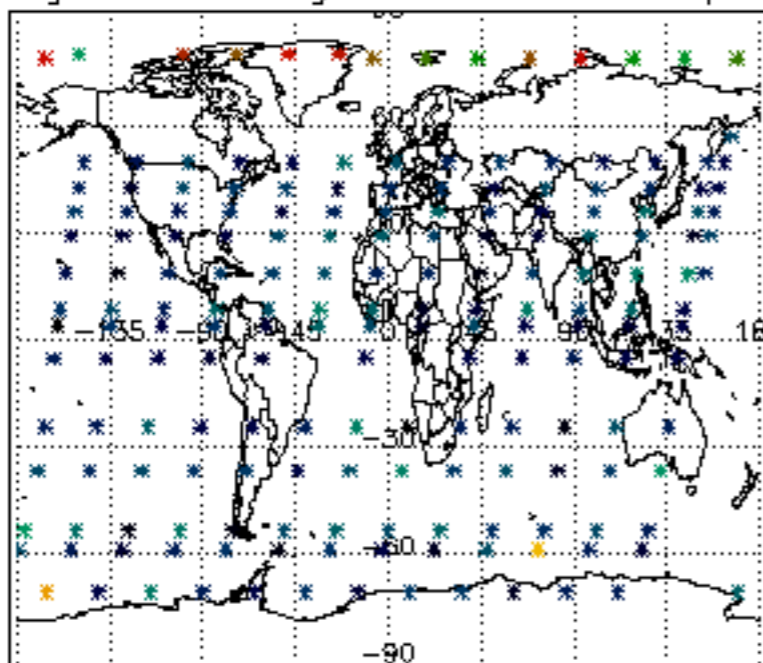
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

