

# 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	24APR2013 07:07:04
Data source version	GOMOS/6.01
Start time of products	29-12-2006 (29DEC2006 00:00:00)
Stop time of products	30-12-2006 (30DEC2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	336
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__2PRFIN20061229_000225_000000472054_00145_25249_2057.N1	29-DEC-2006 00:02:25	Bright	47.000	13	87Alp Tau	0.86700	3800.0	94	25249	No
2	GOM_NL__2PRFIN20061229_000347_000000432054_00145_25249_2058.N1	29-DEC-2006 00:03:47	Bright	43.000	176	23Zet Tau	3.0200	22000.	86	25249	No
3	GOM_NL__2PRFIN20061229_000552_000000402054_00145_25249_2059.N1	29-DEC-2006 00:05:52	Bright	40.000	28	12Bet Tau	1.6500	15200.	80	25249	No
4	GOM_NL__2PRFIN20061229_001048_000000392054_00145_25249_2060.N1	29-DEC-2006 00:10:48	Bright	39.000	6	13Alp Aur	0.080000	3400.0	78	25249	No
5	GOM_NL__2PRFIN20061229_002253_000000352054_00145_25249_2061.N1	29-DEC-2006 00:22:53	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	25249	No
6	GOM_NL__2PRFIN20061229_002725_000000372054_00145_25249_2062.N1	29-DEC-2006 00:27:25	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	25249	No
7	GOM_NL__2PRFIN20061229_003109_000000352054_00145_25249_2063.N1	29-DEC-2006 00:31:09	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	25249	No
8	GOM_NL__2PRFIN20061229_004128_000000362054_00145_25249_2064.N1	29-DEC-2006 00:41:28	Bright	35.500	67	5Alp CrB	2.2210	11000.	71	25249	No
9	GOM_NL__2PRFIN20061229_004707_000000352054_00145_25249_2065.N1	29-DEC-2006 00:47:07	Bright	34.500	102	24Alp Ser	2.6000	4250.0	69	25249	No
10	GOM_NL__2PRFIN20061229_005205_000000542054_00145_25249_2066.N1	29-DEC-2006 00:52:05	Bright	54.000	104	27Bet Lib	2.6140	13100.	108	25249	No
11	GOM_NL__2PRFIN20061229_005437_000000422054_00145_25249_2067.N1	29-DEC-2006 00:54:37	Twilight	41.500	122	9Alp2Lib	2.7470	9700.0	83	25249	No
12	GOM_NL__2PRFIN20061229_010125_000000472054_00145_25249_2068.N1	29-DEC-2006 01:01:25	Dark	46.500	54	5The Cen	2.0550	4500.0	93	25249	No
13	GOM_NL__2PRFIN20061229_010415_000000402054_00145_25249_2069.N1	29-DEC-2006 01:04:15	Dark	40.000	95	Zet Cen	2.5450	26000.	80	25249	No
14	GOM_NL__2PRFIN20061229_010648_000000432054_00146_25250_2057.N1	29-DEC-2006 01:06:48	Dark	42.500	10	Bet Cen	0.61000	28000.	85	25250	No
15	GOM_NL__2PRFIN20061229_010952_000000422054_00146_25250_2058.N1	29-DEC-2006 01:09:52	Dark	42.000	12	Alp1Cru	0.77500	30000.	84	25250	No
16	GOM_NL__2PRFIN20061229_011313_000000392054_00146_25250_2059.N1	29-DEC-2006 01:13:13	Dark	38.500	124	The Car	2.7640	30000.	77	25250	No
17	GOM_NL__2PRFIN20061229_011516_000000402054_00146_25250_2060.N1	29-DEC-2006 01:15:16	Dark	40.000	29	Bet Car	1.6720	10200.	80	25250	No
18	GOM_NL__2PRFIN20061229_011700_000000432054_00146_25250_2061.N1	29-DEC-2006 01:17:00	Dark	42.500	91	Kap Vel	2.4900	26000.	85	25250	No
19	GOM_NL__2PRFIN20061229_012232_000000442054_00146_25250_2062.N1	29-DEC-2006 01:22:32	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	25250	No
20	GOM_NL__2PRFIN20061229_012541_000000502054_00146_25250_2063.N1	29-DEC-2006 01:25:41	Dark	49.500	117	Pi Pup	2.7060	3800.0	99	25250	No
21	GOM_NL__2PRFIN20061229_012817_000000392054_00146_25250_2064.N1	29-DEC-2006 01:28:17	Straylight	39.000	108	Alp Col	2.6520	15200.	78	25250	No
22	GOM_NL__2PRFIN20061229_013229_000000452054_00146_25250_2065.N1	29-DEC-2006 01:32:29	Straylight	45.000	47	2Bet CMa	1.9760	28000.	90	25250	No
23	GOM_NL__2PRFIN20061229_013550_000000522054_00146_25250_2066.N1	29-DEC-2006 01:35:50	Straylight	52.000	7	19Bet Ori	0.10000	14000.	104	25250	No
24	GOM_NL__2PRFIN20061229_013745_000000442054_00146_25250_2067.N1	29-DEC-2006 01:37:45	Straylight	44.000	30	46Eps Ori	1.6940	30000.	88	25250	No
25	GOM_NL__2PRFIN20061229_014022_000000512054_00146_25250_2068.N1	29-DEC-2006 01:40:22	Twilight	51.000	14	58Alp Ori	0.87000	3000.0	102	25250	No
26	GOM_NL__2PRFIN20061229_014301_000000522054_00146_25250_2069.N1	29-DEC-2006 01:43:01	Bright	52.000	13	87Alp Tau	0.86700	3800.0	104	25250	No
27	GOM_NL__2PRFIN20061229_014422_000000502054_00146_25250_2070.N1	29-DEC-2006 01:44:22	Bright	50.000	176	23Zet Tau	3.0200	22000.	100	25250	No
28	GOM_NL__2PRFIN20061229_014628_000000402054_00146_25250_2071.N1	29-DEC-2006 01:46:28	Bright	39.500	28	12Bet Tau	1.6500	15200.	79	25250	No
29	GOM_NL__2PRFIN20061229_014926_000000262054_00146_25250_2072.N1	29-DEC-2006 01:49:26	Twilight	26.000	107	37The Aur	2.6490	11000.	52	25250	No
30	GOM_NL__2PRFIN20061229_015124_000000442054_00146_25250_2073.N1	29-DEC-2006 01:51:24	Bright	43.500	6	13Alp Aur	0.080000	3400.0	87	25250	No
31	GOM_NL__2PRFIN20061229_020329_000000342054_00146_25250_2074.N1	29-DEC-2006 02:03:29	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	25250	No
32	GOM_NL__2PRFIN20061229_020801_000000382054_00146_25250_2075.N1	29-DEC-2006 02:08:01	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	25250	No
33	GOM_NL__2PRFIN20061229_021145_000000362054_00146_25250_2076.N1	29-DEC-2006 02:11:45	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	25250	No
34	GOM_NL__2PRFIN20061229_022204_000000362054_00146_25250_2077.N1	29-DEC-2006 02:22:04	Bright	35.500	67	5Alp CrB	2.2210	11000.	71	25250	No
35	GOM_NL__2PRFIN20061229_022743_000000342054_00146_25250_2078.N1	29-DEC-2006 02:27:43	Bright	34.000	102	24Alp Ser	2.6000	4250.0	68	25250	No
36	GOM_NL__2PRFIN20061229_023241_000000362054_00146_25250_2079.N1	29-DEC-2006 02:32:41	Bright	36.000	104	27Bet Lib	2.6140	13100.	72	25250	No
37	GOM_NL__2PRFIN20061229_023514_000000422054_00146_25250_2080.N1	29-DEC-2006 02:35:14	Twilight	41.500	122	9Alp2Lib	2.7470	9700.0	83	25250	No
38	GOM_NL__2PRFIN20061229_024202_000000452054_00146_25250_2081.N1	29-DEC-2006 02:42:02	Dark	45.000	54	5The Cen	2.0550	4500.0	90	25250	No
39	GOM_NL__2PRFIN20061229_024330_000000372054_00146_25250_2082.N1	29-DEC-2006 02:43:30	Dark	37.000	78	Alp Lup	2.3040	28000.	74	25250	No
40	GOM_NL__2PRFIN20061229_024452_000000402054_00146_25250_2083.N1	29-DEC-2006 02:44:52	Dark	39.500	95	Zet Cen	2.5450	26000.	79	25250	No
41	GOM_NL__2PRFIN20061229_025029_000000392054_00147_25251_2069.N1	29-DEC-2006 02:50:29	Dark	38.500	12	Alp1Cru	0.77500	30000.	77	25251	No
42	GOM_NL__2PRFIN20061229_025349_000000392054_00147_25251_2070.N1	29-DEC-2006 02:53:49	Dark	38.500	124	The Car	2.7640	30000.	77	25251	No

43	GOM_NL__2PRFIN20061229_025553_000000382054_00147_25251_2071.N1	29-DEC-2006 02:55:53	Dark	37.500	29	Bet Car	1.6720	10200.	75	25251	No
44	GOM_NL__2PRFIN20061229_025736_000000432054_00147_25251_2072.N1	29-DEC-2006 02:57:36	Dark	42.500	91	Kap Vel	2.4900	26000.	85	25251	No
45	GOM_NL__2PRFIN20061229_030308_000000532054_00147_25251_2073.N1	29-DEC-2006 03:03:08	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	25251	No
46	GOM_NL__2PRFIN20061229_030617_000000532054_00147_25251_2074.N1	29-DEC-2006 03:06:17	Dark	52.500	117	Pi Pup	2.7060	3800.0	105	25251	No
47	GOM_NL__2PRFIN20061229_030853_000000392054_00147_25251_2075.N1	29-DEC-2006 03:08:53	Straylight	38.500	108	Alp Col	2.6520	15200.	77	25251	No
48	GOM_NL__2PRFIN20061229_031305_000000442054_00147_25251_2076.N1	29-DEC-2006 03:13:05	Straylight	43.500	47	2Bet CMa	1.9760	28000.	87	25251	No
49	GOM_NL__2PRFIN20061229_031626_000000472054_00147_25251_2077.N1	29-DEC-2006 03:16:26	Straylight	47.000	7	19Bet Ori	0.10000	14000.	94	25251	No
50	GOM_NL__2PRFIN20061229_031821_000000442054_00147_25251_2078.N1	29-DEC-2006 03:18:21	Straylight	43.500	30	46Eps Ori	1.6940	30000.	87	25251	No
51	GOM_NL__2PRFIN20061229_032058_000000542054_00147_25251_2079.N1	29-DEC-2006 03:20:58	Twi_and_stray	53.500	14	58Alp Ori	0.87000	3000.0	107	25251	No
52	GOM_NL__2PRFIN20061229_032337_000000452054_00147_25251_2080.N1	29-DEC-2006 03:23:37	Bright	45.000	13	87Alp Tau	0.86700	3800.0	90	25251	No
53	GOM_NL__2PRFIN20061229_032458_000000442054_00147_25251_2081.N1	29-DEC-2006 03:24:58	Bright	44.000	176	23Zet Tau	3.0200	22000.	88	25251	No
54	GOM_NL__2PRFIN20061229_032704_000000392054_00147_25251_2082.N1	29-DEC-2006 03:27:04	Bright	38.500	28	12Bet Tau	1.6500	15200.	77	25251	No
55	GOM_NL__2PRFIN20061229_033002_000000262054_00147_25251_2083.N1	29-DEC-2006 03:30:02	Twi_and_stray	26.000	107	37The Aur	2.6490	11000.	52	25251	No
56	GOM_NL__2PRFIN20061229_033159_000000392054_00147_25251_2084.N1	29-DEC-2006 03:31:59	Bright	39.000	6	13Alp Aur	0.080000	3400.0	78	25251	No
57	GOM_NL__2PRFIN20061229_034405_000000332054_00147_25251_2085.N1	29-DEC-2006 03:44:05	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	25251	No
58	GOM_NL__2PRFIN20061229_034837_000000392054_00147_25251_2086.N1	29-DEC-2006 03:48:37	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	25251	No
59	GOM_NL__2PRFIN20061229_035221_000000372054_00147_25251_2087.N1	29-DEC-2006 03:52:21	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	25251	No
60	GOM_NL__2PRFIN20061229_040240_000000352054_00147_25251_2088.N1	29-DEC-2006 04:02:40	Bright	35.000	67	5Alp CrB	2.2210	11000.	70	25251	No
61	GOM_NL__2PRFIN20061229_040820_000000352054_00147_25251_2089.N1	29-DEC-2006 04:08:20	Bright	35.000	102	24Alp Ser	2.6000	4250.0	70	25251	No
62	GOM_NL__2PRFIN20061229_041317_000000372054_00147_25251_2090.N1	29-DEC-2006 04:13:17	Bright	36.500	104	27Bet Lib	2.6140	13100.	73	25251	No
63	GOM_NL__2PRFIN20061229_041550_000000422054_00147_25251_2091.N1	29-DEC-2006 04:15:50	Twi_and_stray	42.000	122	9Alp2Lib	2.7470	9700.0	84	25251	No
64	GOM_NL__2PRFIN20061229_042238_000000452054_00147_25251_2092.N1	29-DEC-2006 04:22:38	Dark	45.000	54	5The Cen	2.0550	4500.0	90	25251	No
65	GOM_NL__2PRFIN20061229_042407_000000392054_00147_25251_2093.N1	29-DEC-2006 04:24:07	Dark	39.000	78	Alp Lup	2.3040	28000.	78	25251	No
66	GOM_NL__2PRFIN20061229_042528_000000392054_00147_25251_2094.N1	29-DEC-2006 04:25:28	Dark	38.500	95	Zet Cen	2.5450	26000.	77	25251	No
67	GOM_NL__2PRFIN20061229_043105_000000482054_00148_25252_2081.N1	29-DEC-2006 04:31:05	Dark	47.500	12	Alp1Cru	0.77500	30000.	95	25252	No
68	GOM_NL__2PRFIN20061229_043426_000000382054_00148_25252_2082.N1	29-DEC-2006 04:34:26	Dark	37.500	124	The Car	2.7640	30000.	75	25252	No
69	GOM_NL__2PRFIN20061229_043629_000000382054_00148_25252_2083.N1	29-DEC-2006 04:36:29	Dark	37.500	29	Bet Car	1.6720	10200.	75	25252	No
70	GOM_NL__2PRFIN20061229_043813_000000422054_00148_25252_2084.N1	29-DEC-2006 04:38:13	Dark	42.000	91	Kap Vel	2.4900	26000.	84	25252	No
71	GOM_NL__2PRFIN20061229_044345_000000462054_00148_25252_2085.N1	29-DEC-2006 04:43:45	Dark	45.500	2	Alp Car	-0.73600	7000.0	91	25252	No
72	GOM_NL__2PRFIN20061229_044654_000000502054_00148_25252_2086.N1	29-DEC-2006 04:46:54	Dark	50.000	117	Pi Pup	2.7060	3800.0	100	25252	No
73	GOM_NL__2PRFIN20061229_044929_000000392054_00148_25252_2087.N1	29-DEC-2006 04:49:29	Straylight	38.500	108	Alp Col	2.6520	15200.	77	25252	No
74	GOM_NL__2PRFIN20061229_045341_000000432054_00148_25252_2088.N1	29-DEC-2006 04:53:41	Straylight	42.500	47	2Bet CMa	1.9760	28000.	85	25252	No
75	GOM_NL__2PRFIN20061229_045702_000000492054_00148_25252_2089.N1	29-DEC-2006 04:57:02	Straylight	49.000	7	19Bet Ori	0.10000	14000.	98	25252	No
76	GOM_NL__2PRFIN20061229_045857_000000442054_00148_25252_2090.N1	29-DEC-2006 04:58:57	Straylight	44.000	30	46Eps Ori	1.6940	30000.	88	25252	No
77	GOM_NL__2PRFIN20061229_050134_000000562054_00148_25252_2091.N1	29-DEC-2006 05:01:34	Twi_and_stray	56.000	14	58Alp Ori	0.87000	3000.0	112	25252	No
78	GOM_NL__2PRFIN20061229_050413_000000472054_00148_25252_2092.N1	29-DEC-2006 05:04:13	Bright	47.000	13	87Alp Tau	0.86700	3800.0	94	25252	No
79	GOM_NL__2PRFIN20061229_050534_000000482054_00148_25252_2093.N1	29-DEC-2006 05:05:34	Bright	48.000	176	23Zet Tau	3.0200	22000.	96	25252	No
80	GOM_NL__2PRFIN20061229_050740_000000402054_00148_25252_2094.N1	29-DEC-2006 05:07:40	Bright	39.500	28	12Bet Tau	1.6500	15200.	79	25252	No
81	GOM_NL__2PRFIN20061229_051038_000000352054_00148_25252_2095.N1	29-DEC-2006 05:10:38	Bright	35.000	107	37The Aur	2.6490	11000.	70	25252	No
82	GOM_NL__2PRFIN20061229_051235_000000372054_00148_25252_2096.N1	29-DEC-2006 05:12:35	Bright	37.000	6	13Alp Aur	0.080000	3400.0	74	25252	No
83	GOM_NL__2PRFIN20061229_052441_000000362054_00148_25252_2097.N1	29-DEC-2006 05:24:41	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	25252	No
84	GOM_NL__2PRFIN20061229_052913_000000382054_00148_25252_2098.N1	29-DEC-2006 05:29:13	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	25252	No
85	GOM_NL__2PRFIN20061229_053257_000000372054_00148_25252_2099.N1	29-DEC-2006 05:32:57	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	25252	No
86	GOM_NL__2PRFIN20061229_054316_000000362054_00148_25252_2100.N1	29-DEC-2006 05:43:16	Bright	36.000	67	5Alp CrB	2.2210	11000.	72	25252	No
87	GOM_NL__2PRFIN20061229_054856_000000352054_00148_25252_2101.N1	29-DEC-2006 05:48:56	Bright	35.000	102	24Alp Ser	2.6000	4250.0	70	25252	No
88	GOM_NL__2PRFIN20061229_055353_000000372054_00148_25252_2102.N1	29-DEC-2006 05:53:53	Bright	37.000	104	27Bet Lib	2.6140	13100.	74	25252	No
89	GOM_NL__2PRFIN20061229_055627_000000422054_00148_25252_2103.N1	29-DEC-2006 05:56:27	Twi_and_stray	42.000	122	9Alp2Lib	2.7470	9700.0	84	25252	No
90	GOM_NL__2PRFIN20061229_060315_000000452054_00148_25252_2104.N1	29-DEC-2006 06:03:15	Dark	44.500	54	5The Cen	2.0550	4500.0	89	25252	No
91	GOM_NL__2PRFIN20061229_060443_000000392054_00148_25252_2105.N1	29-DEC-2006 06:04:43	Dark	38.500	78	Alp Lup	2.3040	28000.	77	25252	No
92	GOM_NL__2PRFIN20061229_060605_000000392054_00148_25252_2106.N1	29-DEC-2006 06:06:05	Dark	39.000	95	Zet Cen	2.5450	26000.	78	25252	No
93	GOM_NL__2PRFIN20061229_060837_000000442054_00149_25253_2088.N1	29-DEC-2006 06:08:37	Dark	43.500	10	Bet Cen	0.61000	28000.	87	25253	No
94	GOM_NL__2PRFIN20061229_061142_000000392054_00149_25253_2089.N1	29-DEC-2006 06:11:42	Dark	39.000	12	Alp1Cru	0.77500	30000.	78	25253	No
95	GOM_NL__2PRFIN20061229_061502_000000392054_00149_25253_2090.N1	29-DEC-2006 06:15:02	Dark	38.500	124	The Car	2.7640	30000.	77	25253	No
96	GOM_NL__2PRFIN20061229_061705_000000382054_00149_25253_2091.N1	29-DEC-2006 06:17:05	Dark	37.500	29	Bet Car	1.6720	10200.	75	25253	No
97	GOM_NL__2PRFIN20061229_061850_000000422054_00149_25253_2092.N1	29-DEC-2006 06:18:50	Dark	41.500	91	Kap Vel	2.4900	26000.	83	25253	No
98	GOM_NL__2PRFIN20061229_062421_000000492054_00149_25253_2093.N1	29-DEC-2006 06:24:21	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	25253	No
99	GOM_NL__2PRFIN20061229_062730_000000462054_00149_25253_2094.N1	29-DEC-2006 06:27:30	Dark	45.500	117	Pi Pup	2.7060	3800.0	91	25253	No
100	GOM_NL__2PRFIN20061229_063006_000000392054_00149_25253_2095.N1	29-DEC-2006 06:30:06	Straylight	38.500	108	Alp Col	2.6520	15200.	77	25253	No
101	GOM_NL__2PRFIN20061229_063417_000000432054_00149_25253_2096.N1	29-DEC-2006 06:34:17	Straylight	43.000	47	2Bet CMa	1.9760	28000.	86	25253	No

102	GOM_NL__2PRFIN20061229_063738_000000522054_00149_25253_2097.N1	29-DEC-2006 06:37:38	Straylight	51.500	7	19Bet Ori	0.10000	14000.	103	25253	No
103	GOM_NL__2PRFIN20061229_063933_000000432054_00149_25253_2098.N1	29-DEC-2006 06:39:33	Straylight	43.000	30	46Eps Ori	1.6940	30000.	86	25253	No
104	GOM_NL__2PRFIN20061229_064210_000000572054_00149_25253_2099.N1	29-DEC-2006 06:42:10	Twi_and_stray	57.000	14	58Alp Ori	0.87000	3000.0	114	25253	No
105	GOM_NL__2PRFIN20061229_064449_000000522054_00149_25253_2100.N1	29-DEC-2006 06:44:49	Bright	52.000	13	87Alp Tau	0.86700	3800.0	104	25253	No
106	GOM_NL__2PRFIN20061229_064610_000000412054_00149_25253_2101.N1	29-DEC-2006 06:46:10	Bright	41.000	176	23Zet Tau	3.0200	22000.	82	25253	No
107	GOM_NL__2PRFIN20061229_064816_000000402054_00149_25253_2102.N1	29-DEC-2006 06:48:16	Bright	39.500	28	12Bet Tau	1.6500	15200.	79	25253	No
108	GOM_NL__2PRFIN20061229_065113_000000352054_00149_25253_2103.N1	29-DEC-2006 06:51:13	Bright	35.000	107	37The Aur	2.6490	11000.	70	25253	No
109	GOM_NL__2PRFIN20061229_065311_000000412054_00149_25253_2104.N1	29-DEC-2006 06:53:11	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	25253	No
110	GOM_NL__2PRFIN20061229_070517_000000362054_00149_25253_2105.N1	29-DEC-2006 07:05:17	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	25253	No
111	GOM_NL__2PRFIN20061229_070949_000000342054_00149_25253_2106.N1	29-DEC-2006 07:09:49	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	25253	No
112	GOM_NL__2PRFIN20061229_071333_000000362054_00149_25253_2107.N1	29-DEC-2006 07:13:33	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	25253	No
113	GOM_NL__2PRFIN20061229_072352_000000542054_00149_25253_2108.N1	29-DEC-2006 07:23:52	Bright	54.000	67	5Alp CrB	2.2210	11000.	108	25253	No
114	GOM_NL__2PRFIN20061229_072932_000000342054_00149_25253_2109.N1	29-DEC-2006 07:29:32	Bright	34.000	102	24Alp Ser	2.6000	4250.0	68	25253	No
115	GOM_NL__2PRFIN20061229_073430_000000372054_00149_25253_2110.N1	29-DEC-2006 07:34:30	Bright	36.500	104	27Bet Lib	2.6140	13100.	73	25253	No
116	GOM_NL__2PRFIN20061229_073703_000000452054_00149_25253_2111.N1	29-DEC-2006 07:37:03	Twi_and_stray	45.000	122	9Alp2Lib	2.7470	9700.0	90	25253	No
117	GOM_NL__2PRFIN20061229_074351_000000472054_00149_25253_2112.N1	29-DEC-2006 07:43:51	Dark	46.500	54	5The Cen	2.0550	4500.0	93	25253	No
118	GOM_NL__2PRFIN20061229_074519_000000402054_00149_25253_2113.N1	29-DEC-2006 07:45:19	Dark	39.500	78	Alp Lup	2.3040	28000.	79	25253	No
119	GOM_NL__2PRFIN20061229_074641_000000402054_00149_25253_2114.N1	29-DEC-2006 07:46:41	Dark	39.500	95	Zet Cen	2.5450	26000.	79	25253	No
120	GOM_NL__2PRFIN20061229_074913_000000412054_00150_25254_2108.N1	29-DEC-2006 07:49:13	Dark	41.000	10	Bet Cen	0.61000	28000.	82	25254	No
121	GOM_NL__2PRFIN20061229_075218_000000472054_00150_25254_2109.N1	29-DEC-2006 07:52:18	Dark	46.500	12	Alp1Cru	0.77500	30000.	93	25254	No
122	GOM_NL__2PRFIN20061229_075539_000000392054_00150_25254_2110.N1	29-DEC-2006 07:55:39	Dark	38.500	124	The Car	2.7640	30000.	77	25254	No
123	GOM_NL__2PRFIN20061229_075742_000000382054_00150_25254_2111.N1	29-DEC-2006 07:57:42	Dark	37.500	29	Bet Car	1.6720	10200.	75	25254	No
124	GOM_NL__2PRFIN20061229_075857_000000412054_00150_25254_2112.N1	29-DEC-2006 07:58:57	Dark	41.000	71	lot Car	2.2460	7700.0	82	25254	No
125	GOM_NL__2PRFIN20061229_080457_000000442054_00150_25254_2113.N1	29-DEC-2006 08:04:57	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	25254	No
126	GOM_NL__2PRFIN20061229_080806_000000492054_00150_25254_2114.N1	29-DEC-2006 08:08:06	Dark	48.500	117	Pi Pup	2.7060	3800.0	97	25254	No
127	GOM_NL__2PRFIN20061229_081059_000000302054_00150_25254_2115.N1	29-DEC-2006 08:10:59	Straylight	30.000	23	21Eps CMa	1.5020	26000.	60	25254	No
128	GOM_NL__2PRFIN20061229_081453_000000432054_00150_25254_2116.N1	29-DEC-2006 08:14:53	Straylight	43.000	47	2Bet CMa	1.9760	28000.	86	25254	No
129	GOM_NL__2PRFIN20061229_111331_000000392054_00152_25256_2148.N1	29-DEC-2006 11:13:31	Dark	39.000	12	Alp1Cru	0.77500	30000.	78	25256	No
130	GOM_NL__2PRFIN20061229_111651_000000392054_00152_25256_2149.N1	29-DEC-2006 11:16:51	Dark	39.000	124	The Car	2.7640	30000.	78	25256	No
131	GOM_NL__2PRFIN20061229_111854_000000392054_00152_25256_2150.N1	29-DEC-2006 11:18:54	Dark	38.500	29	Bet Car	1.6720	10200.	77	25256	No
132	GOM_NL__2PRFIN20061229_112010_000000412054_00152_25256_2151.N1	29-DEC-2006 11:20:10	Dark	40.500	71	lot Car	2.2460	7700.0	81	25256	No
133	GOM_NL__2PRFIN20061229_112609_000000502054_00152_25256_2152.N1	29-DEC-2006 11:26:09	Dark	50.000	2	Alp Car	-0.73600	7000.0	100	25256	No
134	GOM_NL__2PRFIN20061229_112919_000000462054_00152_25256_2153.N1	29-DEC-2006 11:29:19	Dark	46.000	117	Pi Pup	2.7060	3800.0	92	25256	No
135	GOM_NL__2PRFIN20061229_113211_000000362054_00152_25256_2154.N1	29-DEC-2006 11:32:11	Straylight	36.000	23	21Eps CMa	1.5020	26000.	72	25256	No
136	GOM_NL__2PRFIN20061229_113605_000000442054_00152_25256_2155.N1	29-DEC-2006 11:36:05	Straylight	44.000	47	2Bet CMa	1.9760	28000.	88	25256	No
137	GOM_NL__2PRFIN20061229_113926_000000432054_00152_25256_2156.N1	29-DEC-2006 11:39:26	Straylight	43.000	7	19Bet Ori	0.10000	14000.	86	25256	No
138	GOM_NL__2PRFIN20061229_114121_000000432054_00152_25256_2157.N1	29-DEC-2006 11:41:21	Straylight	42.500	30	46Eps Ori	1.6940	30000.	85	25256	No
139	GOM_NL__2PRFIN20061229_114357_000000542054_00152_25256_2158.N1	29-DEC-2006 11:43:57	Twi_and_stray	54.000	14	58Alp Ori	0.87000	3000.0	108	25256	No
140	GOM_NL__2PRFIN20061229_114637_000000432054_00152_25256_2159.N1	29-DEC-2006 11:46:37	Bright	43.000	13	87Alp Tau	0.86700	3800.0	86	25256	No
141	GOM_NL__2PRFIN20061229_114757_000000432054_00152_25256_2160.N1	29-DEC-2006 11:47:57	Bright	42.500	176	23Zet Tau	3.0200	22000.	85	25256	No
142	GOM_NL__2PRFIN20061229_115003_000000442054_00152_25256_2161.N1	29-DEC-2006 11:50:03	Bright	43.500	28	12Bet Tau	1.6500	15200.	87	25256	No
143	GOM_NL__2PRFIN20061229_115300_000000392054_00152_25256_2162.N1	29-DEC-2006 11:53:00	Bright	38.500	107	37The Aur	2.6490	11000.	77	25256	No
144	GOM_NL__2PRFIN20061229_115458_000000422054_00152_25256_2163.N1	29-DEC-2006 11:54:58	Bright	42.000	6	13Alp Aur	0.080000	3400.0	84	25256	No
145	GOM_NL__2PRFIN20061229_120704_000000372054_00152_25256_2164.N1	29-DEC-2006 12:07:04	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	25256	No
146	GOM_NL__2PRFIN20061229_121136_000000352054_00152_25256_2165.N1	29-DEC-2006 12:11:36	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	25256	No
147	GOM_NL__2PRFIN20061229_121521_000000362054_00152_25256_2166.N1	29-DEC-2006 12:15:21	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	25256	No
148	GOM_NL__2PRFIN20061229_122540_000000372054_00152_25256_2167.N1	29-DEC-2006 12:25:40	Bright	36.500	67	5Alp CrB	2.2210	11000.	73	25256	No
149	GOM_NL__2PRFIN20061229_123121_000000352054_00152_25256_2168.N1	29-DEC-2006 12:31:21	Bright	35.000	102	24Alp Ser	2.6000	4250.0	70	25256	No
150	GOM_NL__2PRFIN20061229_123619_000000542054_00152_25256_2169.N1	29-DEC-2006 12:36:19	Bright	54.000	104	27Bet Lib	2.6140	13100.	108	25256	No
151	GOM_NL__2PRFIN20061229_123853_000000432054_00152_25256_2170.N1	29-DEC-2006 12:38:53	Twi_and_stray	42.500	122	9Alp2Lib	2.7470	9700.0	85	25256	No
152	GOM_NL__2PRFIN20061229_124541_000000452054_00152_25256_2171.N1	29-DEC-2006 12:45:41	Dark	45.000	54	5The Cen	2.0550	4500.0	90	25256	No
153	GOM_NL__2PRFIN20061229_124708_000000402054_00152_25256_2172.N1	29-DEC-2006 12:47:08	Dark	40.000	78	Alp Lup	2.3040	28000.	80	25256	No
154	GOM_NL__2PRFIN20061229_124831_000000412054_00152_25256_2173.N1	29-DEC-2006 12:48:31	Dark	40.500	95	Zet Cen	2.5450	26000.	81	25256	No
155	GOM_NL__2PRFIN20061229_125102_000000402054_00153_25257_2158.N1	29-DEC-2006 12:51:02	Dark	39.500	10	Bet Cen	0.61000	28000.	79	25257	No
156	GOM_NL__2PRFIN20061229_125407_000000412054_00153_25257_2159.N1	29-DEC-2006 12:54:07	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	25257	No
157	GOM_NL__2PRFIN20061229_125728_000000392054_00153_25257_2160.N1	29-DEC-2006 12:57:28	Dark	38.500	124	The Car	2.7640	30000.	77	25257	No
158	GOM_NL__2PRFIN20061229_125930_000000392054_00153_25257_2161.N1	29-DEC-2006 12:59:30	Dark	39.000	29	Bet Car	1.6720	10200.	78	25257	No
159	GOM_NL__2PRFIN20061229_130047_000000412054_00153_25257_2162.N1	29-DEC-2006 13:00:47	Dark	40.500	71	lot Car	2.2460	7700.0	81	25257	No
160	GOM_NL__2PRFIN20061229_130646_000000522054_00153_25257_2163.N1	29-DEC-2006 13:06:46	Dark	51.500	2	Alp Car	-0.73600	7000.0	103	25257	No



161	GOM_NL__2PRFIN20061229_130955_000000502054_00153_25257_2164.N1	29-DEC-2006 13:09:55	Dark	50.000	117	Pi Pup	2.7060	3800.0	100	25257	No
162	GOM_NL__2PRFIN20061229_131247_000000362054_00153_25257_2165.N1	29-DEC-2006 13:12:47	Straylight	36.000	23	21Eps CMa	1.5020	26000.	72	25257	No
163	GOM_NL__2PRFIN20061229_131641_000000452054_00153_25257_2166.N1	29-DEC-2006 13:16:41	Straylight	44.500	47	2Bet CMa	1.9760	28000.	89	25257	No
164	GOM_NL__2PRFIN20061229_132002_000000492054_00153_25257_2167.N1	29-DEC-2006 13:20:02	Straylight	48.500	7	19Bet Ori	0.10000	14000.	97	25257	No
165	GOM_NL__2PRFIN20061229_132157_000000422054_00153_25257_2168.N1	29-DEC-2006 13:21:57	Straylight	41.500	30	46Eps Ori	1.6940	30000.	83	25257	No
166	GOM_NL__2PRFIN20061229_132433_000000562054_00153_25257_2169.N1	29-DEC-2006 13:24:33	Tw_i_and_stray	56.000	14	58Alp Ori	0.87000	3000.0	112	25257	No
167	GOM_NL__2PRFIN20061229_132713_000000482054_00153_25257_2170.N1	29-DEC-2006 13:27:13	Bright	47.500	13	87Alp Tau	0.86700	3800.0	95	25257	No
168	GOM_NL__2PRFIN20061229_132833_000000452054_00153_25257_2171.N1	29-DEC-2006 13:28:33	Bright	44.500	176	23Zet Tau	3.0200	22000.	89	25257	No
169	GOM_NL__2PRFIN20061229_133039_000000392054_00153_25257_2172.N1	29-DEC-2006 13:30:39	Bright	39.000	28	12Bet Tau	1.6500	15200.	78	25257	No
170	GOM_NL__2PRFIN20061229_133336_000000392054_00153_25257_2173.N1	29-DEC-2006 13:33:36	Bright	39.000	107	37The Aur	2.6490	11000.	78	25257	No
171	GOM_NL__2PRFIN20061229_133534_000000412054_00153_25257_2174.N1	29-DEC-2006 13:35:34	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	25257	No
172	GOM_NL__2PRFIN20061229_134740_000000522054_00153_25257_2175.N1	29-DEC-2006 13:47:40	Bright	52.000	49	1Alp UMi	1.9900	6300.0	104	25257	No
173	GOM_NL__2PRFIN20061229_135212_000000342054_00153_25257_2176.N1	29-DEC-2006 13:52:12	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	25257	No
174	GOM_NL__2PRFIN20061229_135557_000000352054_00153_25257_2177.N1	29-DEC-2006 13:55:57	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	25257	No
175	GOM_NL__2PRFIN20061229_140616_000000352054_00153_25257_2178.N1	29-DEC-2006 14:06:16	Bright	35.000	67	5Alp CrB	2.2210	11000.	70	25257	No
176	GOM_NL__2PRFIN20061229_141157_000000342054_00153_25257_2179.N1	29-DEC-2006 14:11:57	Bright	33.500	102	24Alp Ser	2.6000	4250.0	67	25257	No
177	GOM_NL__2PRFIN20061229_141655_000000362054_00153_25257_2180.N1	29-DEC-2006 14:16:55	Bright	36.000	104	27Bet Lib	2.6140	13100.	72	25257	No
178	GOM_NL__2PRFIN20061229_141929_000000452054_00153_25257_2181.N1	29-DEC-2006 14:19:29	Tw_i_and_stray	44.500	122	9Alp2Lib	2.7470	9700.0	89	25257	No
179	GOM_NL__2PRFIN20061229_142618_000000462054_00153_25257_2182.N1	29-DEC-2006 14:26:18	Dark	45.500	54	5The Cen	2.0550	4500.0	91	25257	No
180	GOM_NL__2PRFIN20061229_142745_000000392054_00153_25257_2183.N1	29-DEC-2006 14:27:45	Dark	38.500	78	Alp Lup	2.3040	28000.	77	25257	No
181	GOM_NL__2PRFIN20061229_142907_000000402054_00153_25257_2184.N1	29-DEC-2006 14:29:07	Dark	40.000	95	Zet Cen	2.5450	26000.	80	25257	No
182	GOM_NL__2PRFIN20061229_143138_000000452054_00154_25258_2166.N1	29-DEC-2006 14:31:38	Dark	44.500	10	Bet Cen	0.61000	28000.	89	25258	No
183	GOM_NL__2PRFIN20061229_143444_000000402054_00154_25258_2167.N1	29-DEC-2006 14:34:44	Dark	39.500	12	Alp1Cru	0.77500	30000.	79	25258	No
184	GOM_NL__2PRFIN20061229_143804_000000402054_00154_25258_2168.N1	29-DEC-2006 14:38:04	Dark	39.500	124	The Car	2.7640	30000.	79	25258	No
185	GOM_NL__2PRFIN20061229_144007_000000382054_00154_25258_2169.N1	29-DEC-2006 14:40:07	Dark	38.000	29	Bet Car	1.6720	10200.	76	25258	No
186	GOM_NL__2PRFIN20061229_144123_000000442054_00154_25258_2170.N1	29-DEC-2006 14:41:23	Dark	43.500	71	lot Car	2.2460	7700.0	87	25258	No
187	GOM_NL__2PRFIN20061229_144722_000000512054_00154_25258_2171.N1	29-DEC-2006 14:47:22	Dark	50.500	2	Alp Car	-0.73600	7000.0	101	25258	No
188	GOM_NL__2PRFIN20061229_145032_000000492054_00154_25258_2172.N1	29-DEC-2006 14:50:32	Dark	49.000	117	Pi Pup	2.7060	3800.0	98	25258	No
189	GOM_NL__2PRFIN20061229_145324_000000432054_00154_25258_2173.N1	29-DEC-2006 14:53:24	Straylight	42.500	23	21Eps CMa	1.5020	26000.	85	25258	No
190	GOM_NL__2PRFIN20061229_145717_000000442054_00154_25258_2174.N1	29-DEC-2006 14:57:17	Straylight	43.500	47	2Bet CMa	1.9760	28000.	87	25258	No
191	GOM_NL__2PRFIN20061229_150038_000000472054_00154_25258_2175.N1	29-DEC-2006 15:00:38	Straylight	46.500	7	19Bet Ori	0.10000	14000.	93	25258	No
192	GOM_NL__2PRFIN20061229_150233_000000412054_00154_25258_2176.N1	29-DEC-2006 15:02:33	Straylight	41.000	30	46Eps Ori	1.6940	30000.	82	25258	No
193	GOM_NL__2PRFIN20061229_150509_000000542054_00154_25258_2177.N1	29-DEC-2006 15:05:09	Tw_i_and_stray	53.500	14	58Alp Ori	0.87000	3000.0	107	25258	No
194	GOM_NL__2PRFIN20061229_150749_000000522054_00154_25258_2178.N1	29-DEC-2006 15:07:49	Bright	52.000	13	87Alp Tau	0.86700	3800.0	104	25258	No
195	GOM_NL__2PRFIN20061229_150909_000000422054_00154_25258_2179.N1	29-DEC-2006 15:09:09	Bright	41.500	176	23Zet Tau	3.0200	22000.	83	25258	No
196	GOM_NL__2PRFIN20061229_151114_000000392054_00154_25258_2180.N1	29-DEC-2006 15:11:14	Bright	38.500	28	12Bet Tau	1.6500	15200.	77	25258	No
197	GOM_NL__2PRFIN20061229_151411_000000392054_00154_25258_2181.N1	29-DEC-2006 15:14:11	Bright	38.500	107	37The Aur	2.6490	11000.	77	25258	No
198	GOM_NL__2PRFIN20061229_151610_000000422054_00154_25258_2182.N1	29-DEC-2006 15:16:10	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	25258	No
199	GOM_NL__2PRFIN20061229_152816_000000352054_00154_25258_2183.N1	29-DEC-2006 15:28:16	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	25258	No
200	GOM_NL__2PRFIN20061229_153248_000000372054_00154_25258_2184.N1	29-DEC-2006 15:32:48	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	25258	No
201	GOM_NL__2PRFIN20061229_153633_000000362054_00154_25258_2185.N1	29-DEC-2006 15:36:33	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	25258	No
202	GOM_NL__2PRFIN20061229_154653_000000362054_00154_25258_2186.N1	29-DEC-2006 15:46:53	Bright	35.500	67	5Alp CrB	2.2210	11000.	71	25258	No
203	GOM_NL__2PRFIN20061229_155233_000000352054_00154_25258_2187.N1	29-DEC-2006 15:52:33	Bright	34.500	102	24Alp Ser	2.6000	4250.0	69	25258	No
204	GOM_NL__2PRFIN20061229_155731_000000372054_00154_25258_2188.N1	29-DEC-2006 15:57:31	Bright	37.000	104	27Bet Lib	2.6140	13100.	74	25258	No
205	GOM_NL__2PRFIN20061229_160006_000000432054_00154_25258_2189.N1	29-DEC-2006 16:00:06	Tw_i_and_stray	43.000	122	9Alp2Lib	2.7470	9700.0	86	25258	No
206	GOM_NL__2PRFIN20061229_160654_000000472054_00154_25258_2190.N1	29-DEC-2006 16:06:54	Dark	46.500	54	5The Cen	2.0550	4500.0	93	25258	No
207	GOM_NL__2PRFIN20061229_160821_000000382054_00154_25258_2191.N1	29-DEC-2006 16:08:21	Dark	37.500	78	Alp Lup	2.3040	28000.	75	25258	No
208	GOM_NL__2PRFIN20061229_160944_000000402054_00154_25258_2192.N1	29-DEC-2006 16:09:44	Dark	40.000	95	Zet Cen	2.5450	26000.	80	25258	No
209	GOM_NL__2PRFIN20061229_161214_000000472054_00155_25259_2183.N1	29-DEC-2006 16:12:14	Dark	47.000	10	Bet Cen	0.61000	28000.	94	25259	No
210	GOM_NL__2PRFIN20061229_161520_000000402054_00155_25259_2184.N1	29-DEC-2006 16:15:20	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	25259	No
211	GOM_NL__2PRFIN20061229_161841_000000392054_00155_25259_2185.N1	29-DEC-2006 16:18:41	Dark	39.000	124	The Car	2.7640	30000.	78	25259	No
212	GOM_NL__2PRFIN20061229_162043_000000392054_00155_25259_2186.N1	29-DEC-2006 16:20:43	Dark	38.500	29	Bet Car	1.6720	10200.	77	25259	No
213	GOM_NL__2PRFIN20061229_162200_000000422054_00155_25259_2187.N1	29-DEC-2006 16:22:00	Dark	41.500	71	lot Car	2.2460	7700.0	83	25259	No
214	GOM_NL__2PRFIN20061229_162758_000000502054_00155_25259_2188.N1	29-DEC-2006 16:27:58	Dark	49.500	2	Alp Car	-0.73600	7000.0	99	25259	No
215	GOM_NL__2PRFIN20061229_163108_000000482054_00155_25259_2189.N1	29-DEC-2006 16:31:08	Dark	48.000	117	Pi Pup	2.7060	3800.0	96	25259	No
216	GOM_NL__2PRFIN20061229_163400_000000432054_00155_25259_2190.N1	29-DEC-2006 16:34:00	Straylight	43.000	23	21Eps CMa	1.5020	26000.	86	25259	No
217	GOM_NL__2PRFIN20061229_163753_000000462054_00155_25259_2191.N1	29-DEC-2006 16:37:53	Straylight	45.500	47	2Bet CMa	1.9760	28000.	91	25259	No
218	GOM_NL__2PRFIN20061229_164115_000000512054_00155_25259_2192.N1	29-DEC-2006 16:41:15	Straylight	50.500	7	19Bet Ori	0.10000	14000.	101	25259	No
219	GOM_NL__2PRFIN20061229_164309_000000442054_00155_25259_2193.N1	29-DEC-2006 16:43:09	Straylight	43.500	30	46Eps Ori	1.6940	30000.	87	25259	No

220	GOM_NL__2PRFIN20061229_164545_000000562054_00155_25259_2194.N1	29-DEC-2006 16:45:45	Twilight	56.000	14	58Alp Ori	0.87000	3000.0	112	25259	No
221	GOM_NL__2PRFIN20061229_164825_000000522054_00155_25259_2195.N1	29-DEC-2006 16:48:25	Bright	52.000	13	87Alp Tau	0.86700	3800.0	104	25259	No
222	GOM_NL__2PRFIN20061229_164945_000000442054_00155_25259_2196.N1	29-DEC-2006 16:49:45	Bright	43.500	176	23Zet Tau	3.0200	22000.	87	25259	No
223	GOM_NL__2PRFIN20061229_165150_000000402054_00155_25259_2197.N1	29-DEC-2006 16:51:50	Bright	39.500	28	12Bet Tau	1.6500	15200.	79	25259	No
224	GOM_NL__2PRFIN20061229_165447_000000402054_00155_25259_2198.N1	29-DEC-2006 16:54:47	Bright	39.500	107	37The Aur	2.6490	11000.	79	25259	No
225	GOM_NL__2PRFIN20061229_165646_000000412054_00155_25259_2199.N1	29-DEC-2006 16:56:46	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	25259	No
226	GOM_NL__2PRFIN20061229_170852_000000362054_00155_25259_2200.N1	29-DEC-2006 17:08:52	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	25259	No
227	GOM_NL__2PRFIN20061229_171324_000000382054_00155_25259_2201.N1	29-DEC-2006 17:13:24	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	25259	No
228	GOM_NL__2PRFIN20061229_171709_000000372054_00155_25259_2202.N1	29-DEC-2006 17:17:09	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	25259	No
229	GOM_NL__2PRFIN20061229_172729_000000362054_00155_25259_2203.N1	29-DEC-2006 17:27:29	Bright	35.500	67	5Alp CrB	2.2210	11000.	71	25259	No
230	GOM_NL__2PRFIN20061229_173309_000000362054_00155_25259_2204.N1	29-DEC-2006 17:33:09	Bright	36.000	102	24Alp Ser	2.6000	4250.0	72	25259	No
231	GOM_NL__2PRFIN20061229_173808_000000372054_00155_25259_2205.N1	29-DEC-2006 17:38:08	Bright	36.500	104	27Bet Lib	2.6140	13100.	73	25259	No
232	GOM_NL__2PRFIN20061229_174042_000000452054_00155_25259_2206.N1	29-DEC-2006 17:40:42	Twilight	44.500	122	9Alp2Lib	2.7470	9700.0	89	25259	No
233	GOM_NL__2PRFIN20061229_174731_000000472054_00155_25259_2207.N1	29-DEC-2006 17:47:31	Dark	47.000	54	5The Cen	2.0550	4500.0	94	25259	No
234	GOM_NL__2PRFIN20061229_174857_000000392054_00155_25259_2208.N1	29-DEC-2006 17:48:57	Dark	38.500	78	Alp Lup	2.3040	28000.	77	25259	No
235	GOM_NL__2PRFIN20061229_175020_000000412054_00155_25259_2209.N1	29-DEC-2006 17:50:20	Dark	40.500	95	Zet Cen	2.5450	26000.	81	25259	No
236	GOM_NL__2PRFIN20061229_175251_000000412054_00156_25260_2194.N1	29-DEC-2006 17:52:51	Dark	41.000	10	Bet Cen	0.61000	28000.	82	25260	No
237	GOM_NL__2PRFIN20061229_175557_000000412054_00156_25260_2195.N1	29-DEC-2006 17:55:57	Dark	41.000	12	Alp1Cru	0.77500	30000.	82	25260	No
238	GOM_NL__2PRFIN20061229_175917_000000402054_00156_25260_2196.N1	29-DEC-2006 17:59:17	Dark	39.500	124	The Car	2.7640	30000.	79	25260	No
239	GOM_NL__2PRFIN20061229_180120_000000392054_00156_25260_2197.N1	29-DEC-2006 18:01:20	Dark	39.000	29	Bet Car	1.6720	10200.	78	25260	No
240	GOM_NL__2PRFIN20061229_180236_000000412054_00156_25260_2198.N1	29-DEC-2006 18:02:36	Dark	41.000	71	lot Car	2.2460	7700.0	82	25260	No
241	GOM_NL__2PRFIN20061229_180834_000000522054_00156_25260_2199.N1	29-DEC-2006 18:08:34	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	25260	No
242	GOM_NL__2PRFIN20061229_181144_000000502054_00156_25260_2200.N1	29-DEC-2006 18:11:44	Dark	49.500	117	Pi Pup	2.7060	3800.0	99	25260	No
243	GOM_NL__2PRFIN20061229_181436_000000452054_00156_25260_2201.N1	29-DEC-2006 18:14:36	Straylight	45.000	23	21Eps CMa	1.5020	26000.	90	25260	No
244	GOM_NL__2PRFIN20061229_181830_000000442054_00156_25260_2202.N1	29-DEC-2006 18:18:30	Straylight	44.000	47	2Bet CMa	1.9760	28000.	88	25260	No
245	GOM_NL__2PRFIN20061229_182151_000000452054_00156_25260_2203.N1	29-DEC-2006 18:21:51	Straylight	45.000	7	19Bet Ori	0.10000	14000.	90	25260	No
246	GOM_NL__2PRFIN20061229_182345_000000422054_00156_25260_2204.N1	29-DEC-2006 18:23:45	Straylight	41.500	30	46Eps Ori	1.6940	30000.	83	25260	No
247	GOM_NL__2PRFIN20061229_182621_000000562054_00156_25260_2205.N1	29-DEC-2006 18:26:21	Twilight	56.000	14	58Alp Ori	0.87000	3000.0	112	25260	No
248	GOM_NL__2PRFIN20061229_182901_000000462054_00156_25260_2206.N1	29-DEC-2006 18:29:01	Bright	46.000	13	87Alp Tau	0.86700	3800.0	92	25260	No
249	GOM_NL__2PRFIN20061229_183020_000000422054_00156_25260_2207.N1	29-DEC-2006 18:30:20	Bright	42.000	176	23Zet Tau	3.0200	22000.	84	25260	No
250	GOM_NL__2PRFIN20061229_183226_000000392054_00156_25260_2208.N1	29-DEC-2006 18:32:26	Bright	39.000	28	12Bet Tau	1.6500	15200.	78	25260	No
251	GOM_NL__2PRFIN20061229_183522_000000392054_00156_25260_2209.N1	29-DEC-2006 18:35:22	Bright	39.000	107	37The Aur	2.6490	11000.	78	25260	No
252	GOM_NL__2PRFIN20061229_183722_000000402054_00156_25260_2210.N1	29-DEC-2006 18:37:22	Bright	39.500	6	13Alp Aur	0.080000	3400.0	79	25260	No
253	GOM_NL__2PRFIN20061229_184928_000000362054_00156_25260_2211.N1	29-DEC-2006 18:49:28	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	25260	No
254	GOM_NL__2PRFIN20061229_185359_000000362054_00156_25260_2212.N1	29-DEC-2006 18:53:59	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	25260	No
255	GOM_NL__2PRFIN20061229_185745_000000332054_00156_25260_2213.N1	29-DEC-2006 18:57:45	Bright	33.000	119	14Eta Dra	2.7270	4700.0	66	25260	No
256	GOM_NL__2PRFIN20061229_190805_000000362054_00156_25260_2214.N1	29-DEC-2006 19:08:05	Bright	36.000	67	5Alp CrB	2.2210	11000.	72	25260	No
257	GOM_NL__2PRFIN20061229_191345_000000352054_00156_25260_2215.N1	29-DEC-2006 19:13:45	Bright	34.500	102	24Alp Ser	2.6000	4250.0	69	25260	No
258	GOM_NL__2PRFIN20061229_191844_000000372054_00156_25260_2216.N1	29-DEC-2006 19:18:44	Bright	36.500	104	27Bet Lib	2.6140	13100.	73	25260	No
259	GOM_NL__2PRFIN20061229_192119_000000432054_00156_25260_2217.N1	29-DEC-2006 19:21:19	Twilight	43.000	122	9Alp2Lib	2.7470	9700.0	86	25260	No
260	GOM_NL__2PRFIN20061229_192808_000000452054_00156_25260_2218.N1	29-DEC-2006 19:28:08	Dark	45.000	54	5The Cen	2.0550	4500.0	90	25260	No
261	GOM_NL__2PRFIN20061229_192934_000000402054_00156_25260_2219.N1	29-DEC-2006 19:29:34	Dark	39.500	78	Alp Lup	2.3040	28000.	79	25260	No
262	GOM_NL__2PRFIN20061229_193057_000000382054_00156_25260_2220.N1	29-DEC-2006 19:30:57	Dark	38.000	95	Zet Cen	2.5450	26000.	76	25260	No
263	GOM_NL__2PRFIN20061229_193327_000000392054_00157_25261_2212.N1	29-DEC-2006 19:33:27	Dark	39.000	10	Bet Cen	0.61000	28000.	78	25261	No
264	GOM_NL__2PRFIN20061229_193633_000000402054_00157_25261_2213.N1	29-DEC-2006 19:36:33	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	25261	No
265	GOM_NL__2PRFIN20061229_193954_000000382054_00157_25261_2214.N1	29-DEC-2006 19:39:54	Dark	38.000	124	The Car	2.7640	30000.	76	25261	No
266	GOM_NL__2PRFIN20061229_194156_000000392054_00157_25261_2215.N1	29-DEC-2006 19:41:56	Dark	38.500	29	Bet Car	1.6720	10200.	77	25261	No
267	GOM_NL__2PRFIN20061229_194313_000000402054_00157_25261_2216.N1	29-DEC-2006 19:43:13	Dark	40.000	71	lot Car	2.2460	7700.0	80	25261	No
268	GOM_NL__2PRFIN20061229_194910_000000532054_00157_25261_2217.N1	29-DEC-2006 19:49:10	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	25261	No
269	GOM_NL__2PRFIN20061229_195221_000000502054_00157_25261_2218.N1	29-DEC-2006 19:52:21	Dark	49.500	117	Pi Pup	2.7060	3800.0	99	25261	No
270	GOM_NL__2PRFIN20061229_195512_000000482054_00157_25261_2219.N1	29-DEC-2006 19:55:12	Straylight	47.500	23	21Eps CMa	1.5020	26000.	95	25261	No
271	GOM_NL__2PRFIN20061229_195906_000000462054_00157_25261_2220.N1	29-DEC-2006 19:59:06	Straylight	45.500	47	2Bet CMa	1.9760	28000.	91	25261	No
272	GOM_NL__2PRFIN20061229_200227_000000452054_00157_25261_2221.N1	29-DEC-2006 20:02:27	Straylight	45.000	7	19Bet Ori	0.10000	14000.	90	25261	No
273	GOM_NL__2PRFIN20061229_200421_000000432054_00157_25261_2222.N1	29-DEC-2006 20:04:21	Straylight	42.500	30	46Eps Ori	1.6940	30000.	85	25261	No
274	GOM_NL__2PRFIN20061229_200657_000000562054_00157_25261_2223.N1	29-DEC-2006 20:06:57	Twilight	56.000	14	58Alp Ori	0.87000	3000.0	112	25261	No
275	GOM_NL__2PRFIN20061229_200938_000000522054_00157_25261_2224.N1	29-DEC-2006 20:09:38	Bright	51.500	13	87Alp Tau	0.86700	3800.0	103	25261	No
276	GOM_NL__2PRFIN20061229_201056_000000422054_00157_25261_2225.N1	29-DEC-2006 20:10:56	Bright	42.000	176	23Zet Tau	3.0200	22000.	84	25261	No
277	GOM_NL__2PRFIN20061229_201302_000000392054_00157_25261_2226.N1	29-DEC-2006 20:13:02	Bright	38.500	28	12Bet Tau	1.6500	15200.	77	25261	No
278	GOM_NL__2PRFIN20061229_201558_000000392054_00157_25261_2227.N1	29-DEC-2006 20:15:58	Bright	38.500	107	37The Aur	2.6490	11000.	77	25261	No

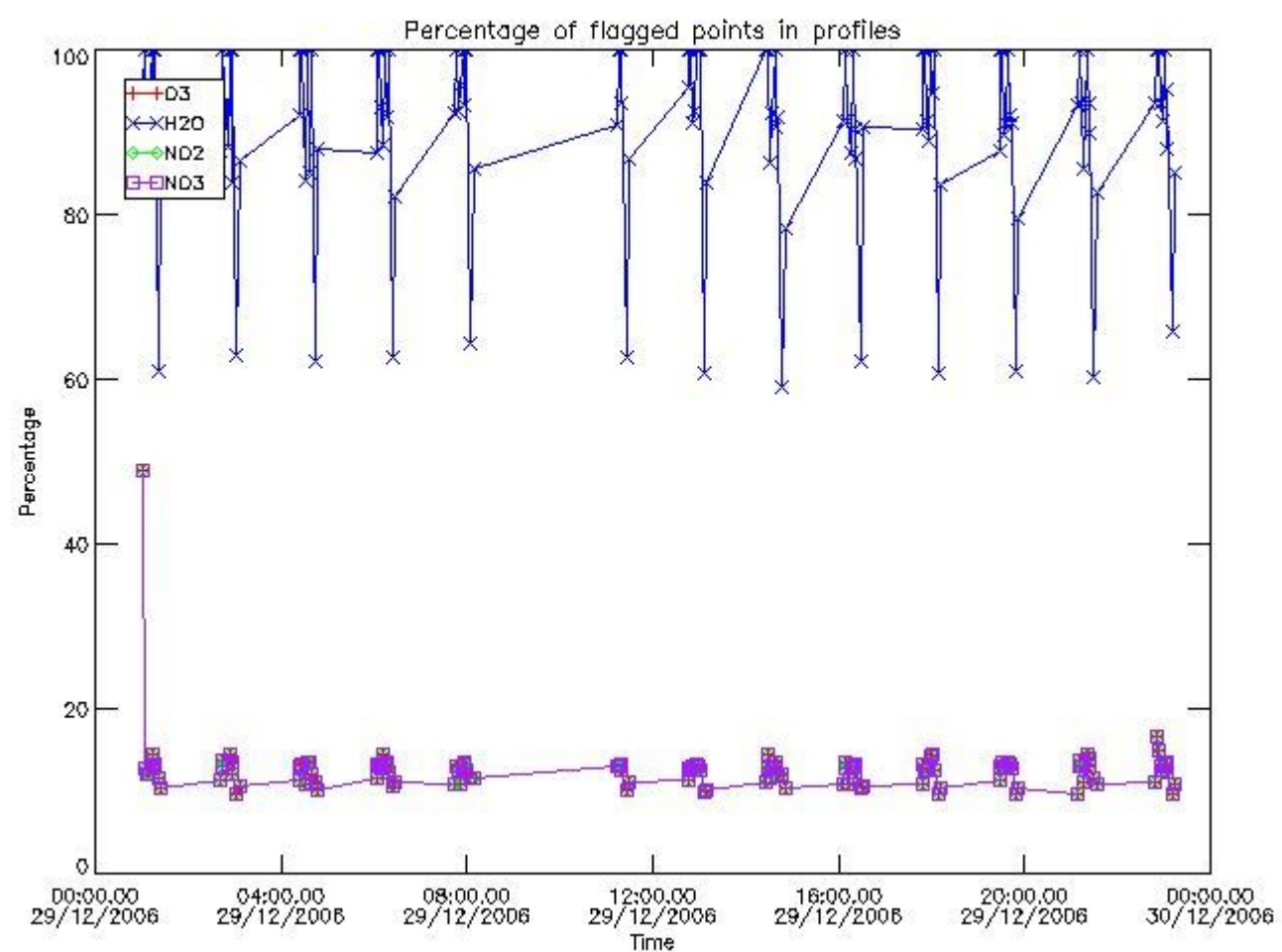
279	GOM_NL__2PRFIN20061229_201758_000000432054_00157_25261_2228.N1	29-DEC-2006 20:17:58	Bright	42.500	6	13Alp Aur	0.080000	3400.0	85	25261	No
280	GOM_NL__2PRFIN20061229_203004_000000372054_00157_25261_2229.N1	29-DEC-2006 20:30:04	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	25261	No
281	GOM_NL__2PRFIN20061229_203435_000000372054_00157_25261_2230.N1	29-DEC-2006 20:34:35	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	25261	No
282	GOM_NL__2PRFIN20061229_203821_000000432054_00157_25261_2231.N1	29-DEC-2006 20:38:21	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	25261	No
283	GOM_NL__2PRFIN20061229_204841_000000542054_00157_25261_2232.N1	29-DEC-2006 20:48:41	Bright	54.000	67	5Alp CrB	2.2210	11000.	108	25261	No
284	GOM_NL__2PRFIN20061229_205422_000000342054_00157_25261_2233.N1	29-DEC-2006 20:54:22	Bright	34.000	102	24Alp Ser	2.6000	4250.0	68	25261	No
285	GOM_NL__2PRFIN20061229_205920_000000552054_00157_25261_2234.N1	29-DEC-2006 20:59:20	Bright	55.000	104	27Bet Lib	2.6140	13100.	110	25261	No
286	GOM_NL__2PRFIN20061229_210155_000000442054_00157_25261_2235.N1	29-DEC-2006 21:01:55	Tw_i_and_stray	43.500	122	9Alp2Lib	2.7470	9700.0	87	25261	No
287	GOM_NL__2PRFIN20061229_210844_000000532054_00157_25261_2236.N1	29-DEC-2006 21:08:44	Dark	53.000	54	5The Cen	2.0550	4500.0	106	25261	No
288	GOM_NL__2PRFIN20061229_211010_000000372054_00157_25261_2237.N1	29-DEC-2006 21:10:10	Dark	37.000	78	Alp Lup	2.3040	28000.	74	25261	No
289	GOM_NL__2PRFIN20061229_211133_000000392054_00157_25261_2238.N1	29-DEC-2006 21:11:33	Dark	39.000	95	Zet Cen	2.5450	26000.	78	25261	No
290	GOM_NL__2PRFIN20061229_211403_000000402054_00158_25262_2228.N1	29-DEC-2006 21:14:03	Dark	39.500	10	Bet Cen	0.61000	28000.	79	25262	No
291	GOM_NL__2PRFIN20061229_211710_000000462054_00158_25262_2229.N1	29-DEC-2006 21:17:10	Dark	45.500	12	Alp1Cru	0.77500	30000.	91	25262	No
292	GOM_NL__2PRFIN20061229_212030_000000392054_00158_25262_2230.N1	29-DEC-2006 21:20:30	Dark	39.000	124	The Car	2.7640	30000.	78	25262	No
293	GOM_NL__2PRFIN20061229_212232_000000402054_00158_25262_2231.N1	29-DEC-2006 21:22:32	Dark	40.000	29	Bet Car	1.6720	10200.	80	25262	No
294	GOM_NL__2PRFIN20061229_212349_000000402054_00158_25262_2232.N1	29-DEC-2006 21:23:49	Dark	39.500	71	lot Car	2.2460	7700.0	79	25262	No
295	GOM_NL__2PRFIN20061229_212947_000000452054_00158_25262_2233.N1	29-DEC-2006 21:29:47	Dark	44.500	2	Alp Car	-0.73600	7000.0	89	25262	No
296	GOM_NL__2PRFIN20061229_213257_000000472054_00158_25262_2234.N1	29-DEC-2006 21:32:57	Dark	46.500	117	Pi Pup	2.7060	3800.0	93	25262	No
297	GOM_NL__2PRFIN20061229_213548_000000472054_00158_25262_2235.N1	29-DEC-2006 21:35:48	Straylight	47.000	23	21Eps CMa	1.5020	26000.	94	25262	No
298	GOM_NL__2PRFIN20061229_213942_000000422054_00158_25262_2236.N1	29-DEC-2006 21:39:42	Straylight	42.000	47	2Bet CMa	1.9760	28000.	84	25262	No
299	GOM_NL__2PRFIN20061229_214303_000000462054_00158_25262_2237.N1	29-DEC-2006 21:43:03	Straylight	46.000	7	19Bet Ori	0.10000	14000.	92	25262	No
300	GOM_NL__2PRFIN20061229_214457_000000452054_00158_25262_2238.N1	29-DEC-2006 21:44:57	Straylight	44.500	30	46Eps Ori	1.6940	30000.	89	25262	No
301	GOM_NL__2PRFIN20061229_214732_000000562054_00158_25262_2239.N1	29-DEC-2006 21:47:32	Tw_i_and_stray	56.000	14	58Alp Ori	0.87000	3000.0	112	25262	No
302	GOM_NL__2PRFIN20061229_215013_000000512054_00158_25262_2240.N1	29-DEC-2006 21:50:13	Bright	50.500	13	87Alp Tau	0.86700	3800.0	101	25262	No
303	GOM_NL__2PRFIN20061229_215132_000000412054_00158_25262_2241.N1	29-DEC-2006 21:51:32	Bright	40.500	176	23Zet Tau	3.0200	22000.	81	25262	No
304	GOM_NL__2PRFIN20061229_215338_000000372054_00158_25262_2242.N1	29-DEC-2006 21:53:38	Bright	37.000	28	12Bet Tau	1.6500	15200.	74	25262	No
305	GOM_NL__2PRFIN20061229_215634_000000392054_00158_25262_2243.N1	29-DEC-2006 21:56:34	Bright	39.000	107	37The Aur	2.6490	11000.	78	25262	No
306	GOM_NL__2PRFIN20061229_215833_000000402054_00158_25262_2244.N1	29-DEC-2006 21:58:33	Bright	40.000	6	13Alp Aur	0.080000	3400.0	80	25262	No
307	GOM_NL__2PRFIN20061229_221040_000000352054_00158_25262_2245.N1	29-DEC-2006 22:10:40	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	25262	No
308	GOM_NL__2PRFIN20061229_221511_000000372054_00158_25262_2246.N1	29-DEC-2006 22:15:11	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	25262	No
309	GOM_NL__2PRFIN20061229_221857_000000372054_00158_25262_2247.N1	29-DEC-2006 22:18:57	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	25262	No
310	GOM_NL__2PRFIN20061229_222917_000000352054_00158_25262_2248.N1	29-DEC-2006 22:29:17	Bright	35.000	67	5Alp CrB	2.2210	11000.	70	25262	No
311	GOM_NL__2PRFIN20061229_223458_000000352054_00158_25262_2249.N1	29-DEC-2006 22:34:58	Bright	35.000	102	24Alp Ser	2.6000	4250.0	70	25262	No
312	GOM_NL__2PRFIN20061229_223957_000000372054_00158_25262_2250.N1	29-DEC-2006 22:39:57	Bright	37.000	104	27Bet Lib	2.6140	13100.	74	25262	No
313	GOM_NL__2PRFIN20061229_224231_000000452054_00158_25262_2251.N1	29-DEC-2006 22:42:31	Tw_i_and_stray	45.000	122	9Alp2Lib	2.7470	9700.0	90	25262	No
314	GOM_NL__2PRFIN20061229_224921_000000462054_00158_25262_2252.N1	29-DEC-2006 22:49:21	Dark	46.000	54	5The Cen	2.0550	4500.0	92	25262	No
315	GOM_NL__2PRFIN20061229_225046_000000372054_00158_25262_2253.N1	29-DEC-2006 22:50:46	Dark	37.000	78	Alp Lup	2.3040	28000.	74	25262	No
316	GOM_NL__2PRFIN20061229_225210_000000412054_00158_25262_2254.N1	29-DEC-2006 22:52:10	Dark	41.000	95	Zet Cen	2.5450	26000.	82	25262	No
317	GOM_NL__2PRFIN20061229_225440_000000392054_00159_25263_2232.N1	29-DEC-2006 22:54:40	Dark	39.000	10	Bet Cen	0.61000	28000.	78	25263	No
318	GOM_NL__2PRFIN20061229_225746_000000412054_00159_25263_2233.N1	29-DEC-2006 22:57:46	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	25263	No
319	GOM_NL__2PRFIN20061229_230107_000000392054_00159_25263_2234.N1	29-DEC-2006 23:01:07	Dark	38.500	124	The Car	2.7640	30000.	77	25263	No
320	GOM_NL__2PRFIN20061229_230308_000000382054_00159_25263_2235.N1	29-DEC-2006 23:03:08	Dark	37.500	29	Bet Car	1.6720	10200.	75	25263	No
321	GOM_NL__2PRFIN20061229_230425_000000422054_00159_25263_2236.N1	29-DEC-2006 23:04:25	Dark	41.500	71	lot Car	2.2460	7700.0	83	25263	No
322	GOM_NL__2PRFIN20061229_231023_000000532054_00159_25263_2237.N1	29-DEC-2006 23:10:23	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	25263	No
323	GOM_NL__2PRFIN20061229_231333_000000482054_00159_25263_2238.N1	29-DEC-2006 23:13:33	Dark	47.500	117	Pi Pup	2.7060	3800.0	95	25263	No
324	GOM_NL__2PRFIN20061229_231624_000000492054_00159_25263_2239.N1	29-DEC-2006 23:16:24	Straylight	49.000	23	21Eps CMa	1.5020	26000.	98	25263	No
325	GOM_NL__2PRFIN20061229_232018_000000432054_00159_25263_2240.N1	29-DEC-2006 23:20:18	Straylight	43.000	47	2Bet CMa	1.9760	28000.	86	25263	No
326	GOM_NL__2PRFIN20061229_232338_000000462054_00159_25263_2241.N1	29-DEC-2006 23:23:38	Straylight	45.500	7	19Bet Ori	0.10000	14000.	91	25263	No
327	GOM_NL__2PRFIN20061229_232533_000000452054_00159_25263_2242.N1	29-DEC-2006 23:25:33	Straylight	45.000	30	46Eps Ori	1.6940	30000.	90	25263	No
328	GOM_NL__2PRFIN20061229_232808_000000532054_00159_25263_2243.N1	29-DEC-2006 23:28:08	Tw_i_and_stray	53.000	14	58Alp Ori	0.87000	3000.0	106	25263	No
329	GOM_NL__2PRFIN20061229_233050_000000412054_00159_25263_2244.N1	29-DEC-2006 23:30:50	Bright	41.000	13	87Alp Tau	0.86700	3800.0	82	25263	No
330	GOM_NL__2PRFIN20061229_233208_000000452054_00159_25263_2245.N1	29-DEC-2006 23:32:08	Bright	45.000	176	23Zet Tau	3.0200	22000.	90	25263	No
331	GOM_NL__2PRFIN20061229_233413_000000382054_00159_25263_2246.N1	29-DEC-2006 23:34:13	Bright	37.500	28	12Bet Tau	1.6500	15200.	75	25263	No
332	GOM_NL__2PRFIN20061229_233709_000000382054_00159_25263_2247.N1	29-DEC-2006 23:37:09	Bright	38.000	107	37The Aur	2.6490	11000.	76	25263	No
333	GOM_NL__2PRFIN20061229_233909_000000422054_00159_25263_2248.N1	29-DEC-2006 23:39:09	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	25263	No
334	GOM_NL__2PRFIN20061229_235116_000000322054_00159_25263_2249.N1	29-DEC-2006 23:51:16	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	25263	No
335	GOM_NL__2PRFIN20061229_235547_000000352054_00159_25263_2250.N1	29-DEC-2006 23:55:47	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	25263	No
336	GOM_NL__2PRFIN20061229_235933_000000362054_00159_25263_2251.N1	29-DEC-2006 23:59:33	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	25263	No



### 3. Quality information per product

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

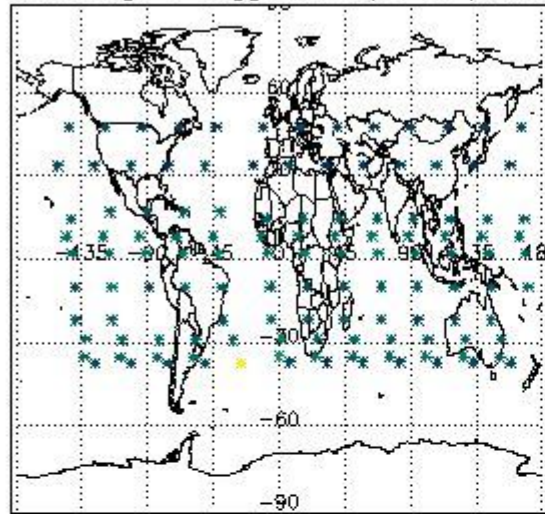
#### 3.1 Plot quality information per product (time dependant)



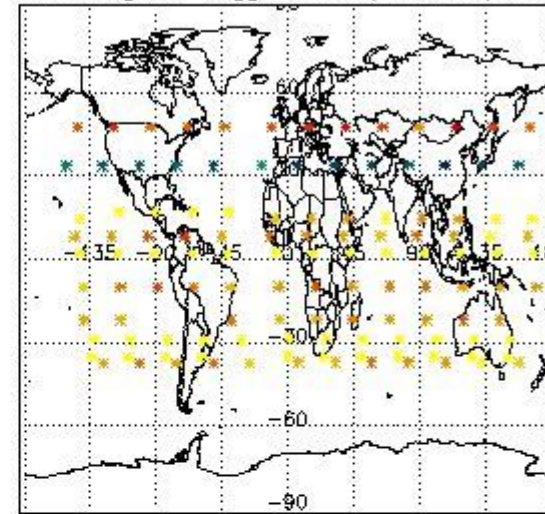
#### 3.2 Plot quality information per product (world map)



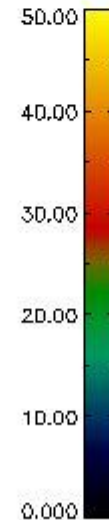
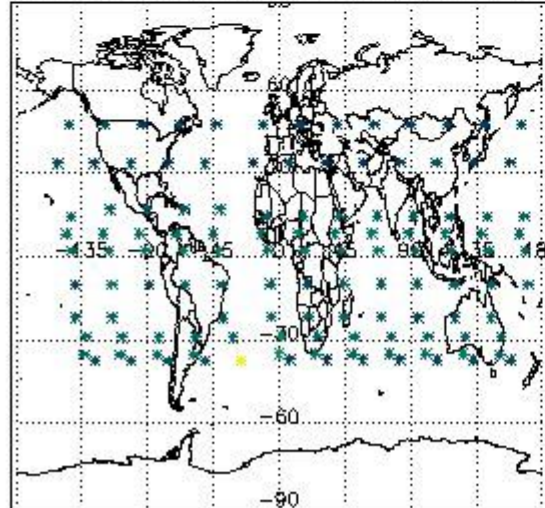
Percentage of flagged data per O3 profile



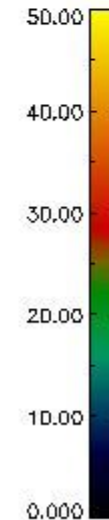
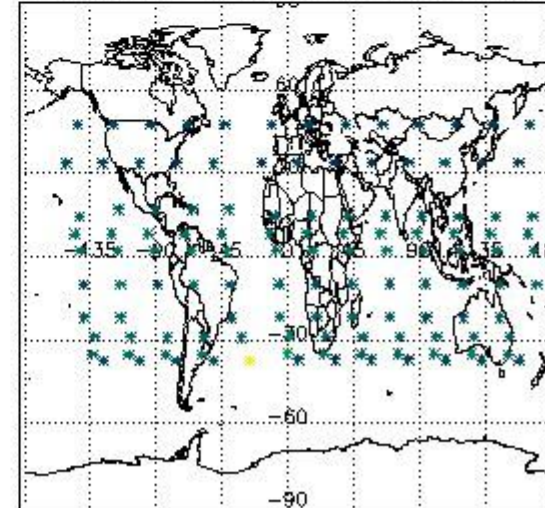
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

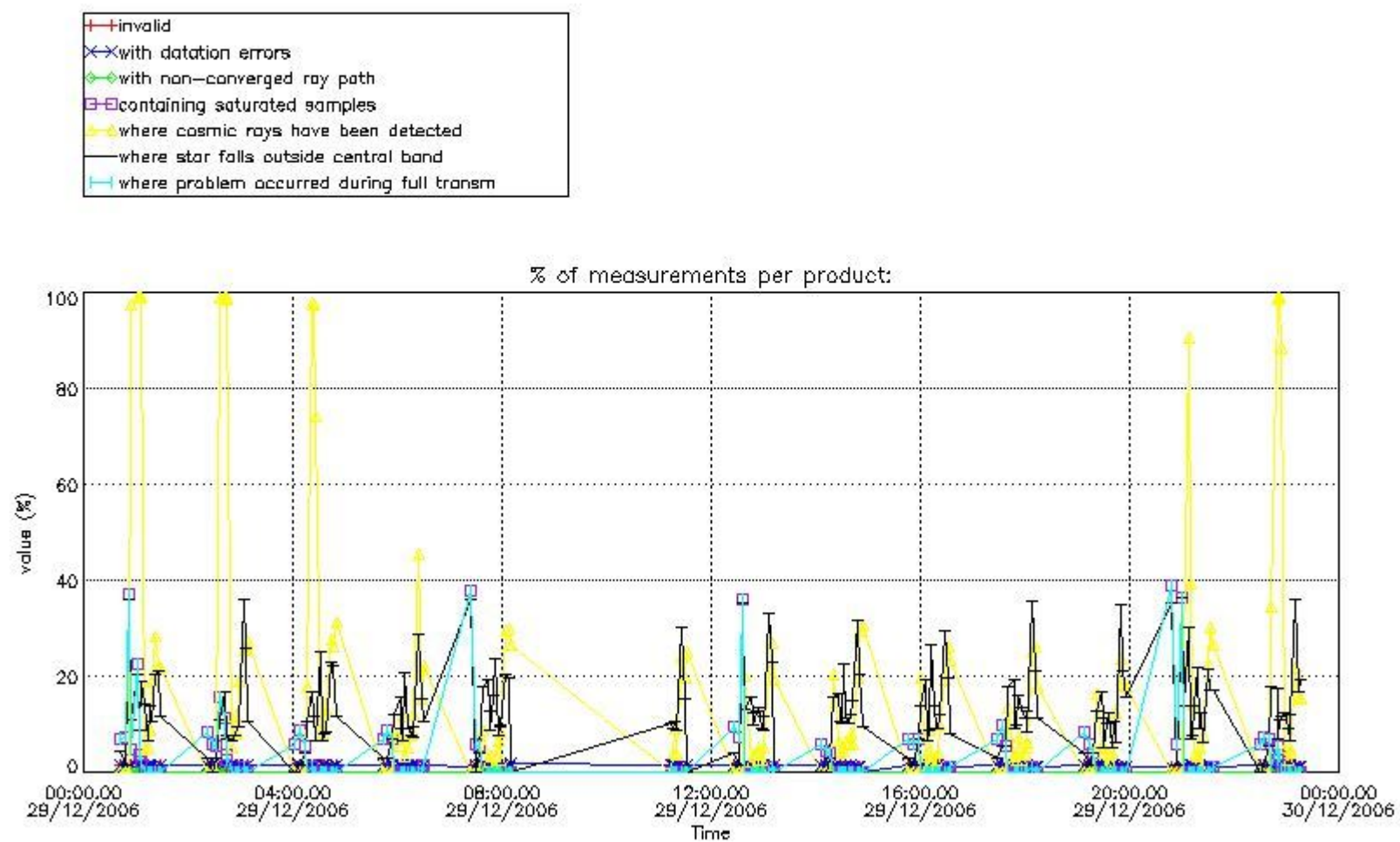


#### 4. Level 1 quality information per product

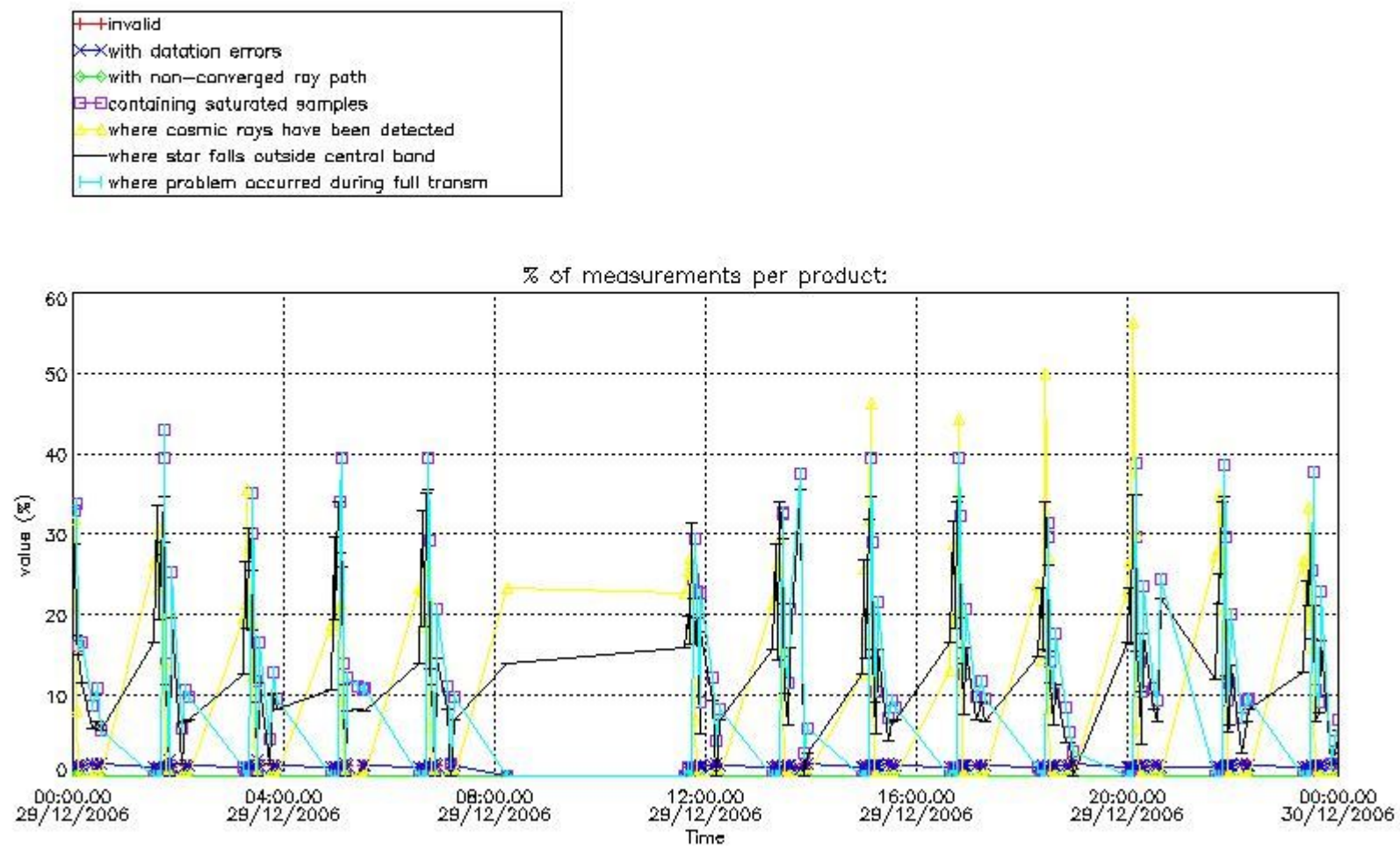
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



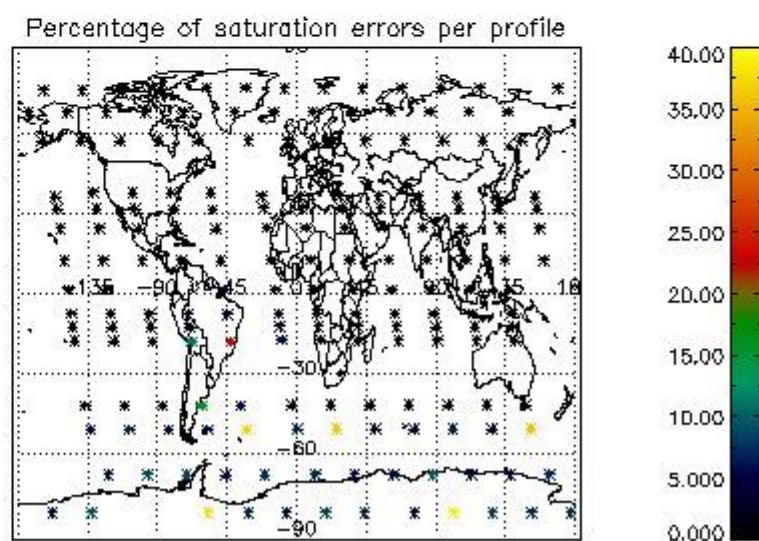
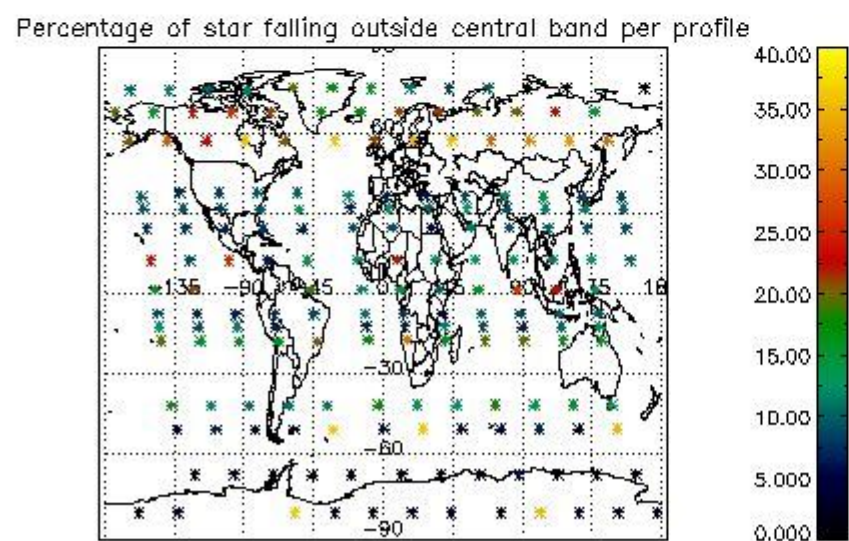
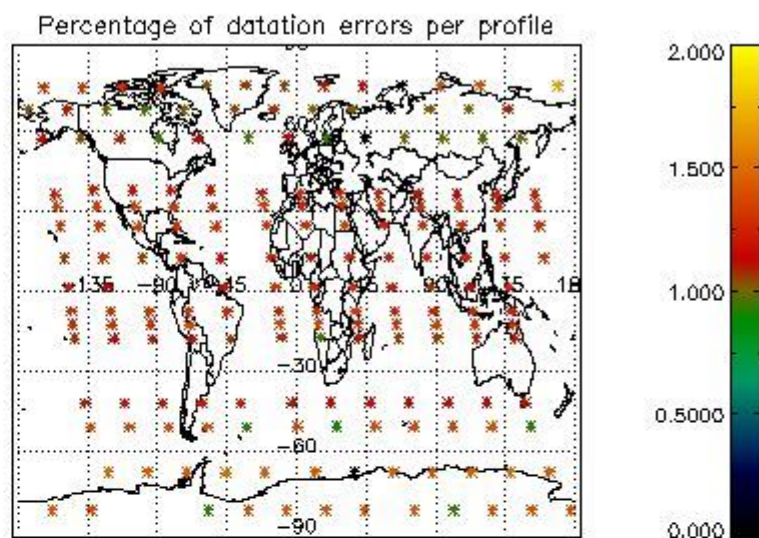
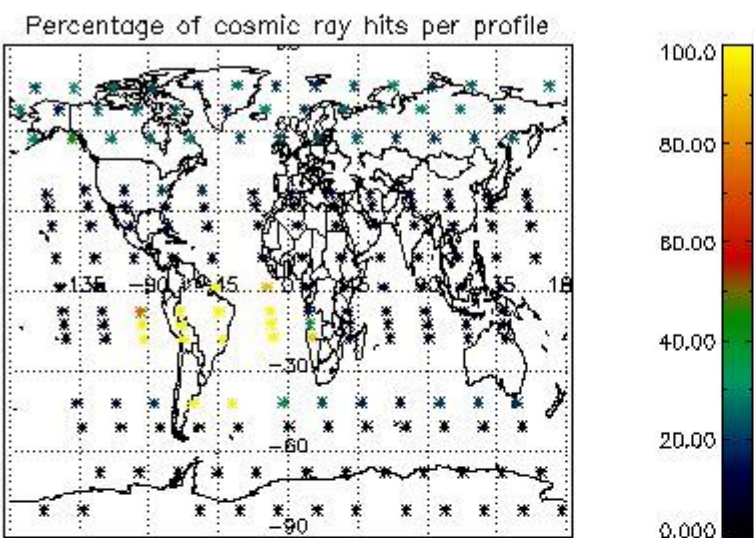
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



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

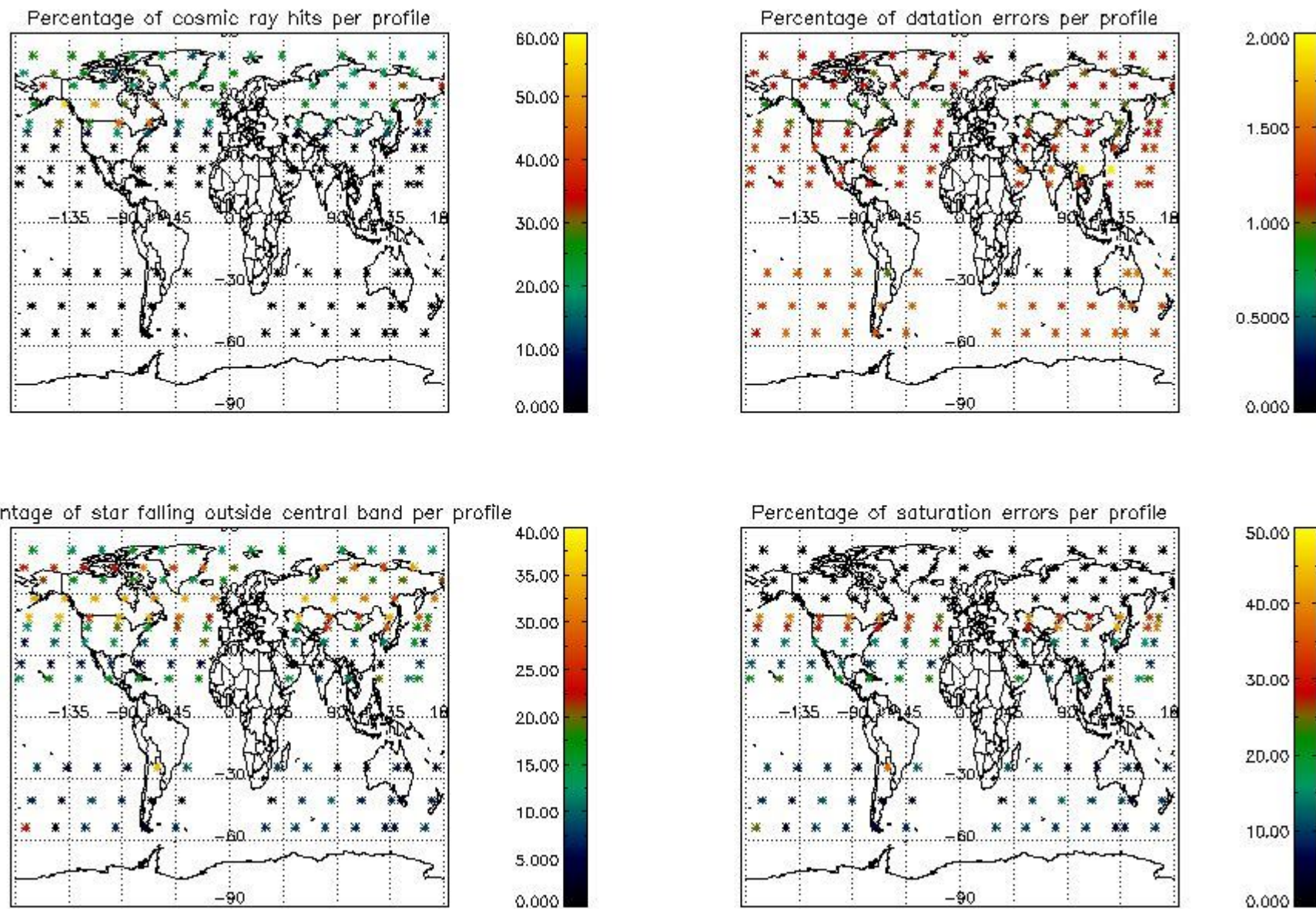
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes





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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

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

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

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

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

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

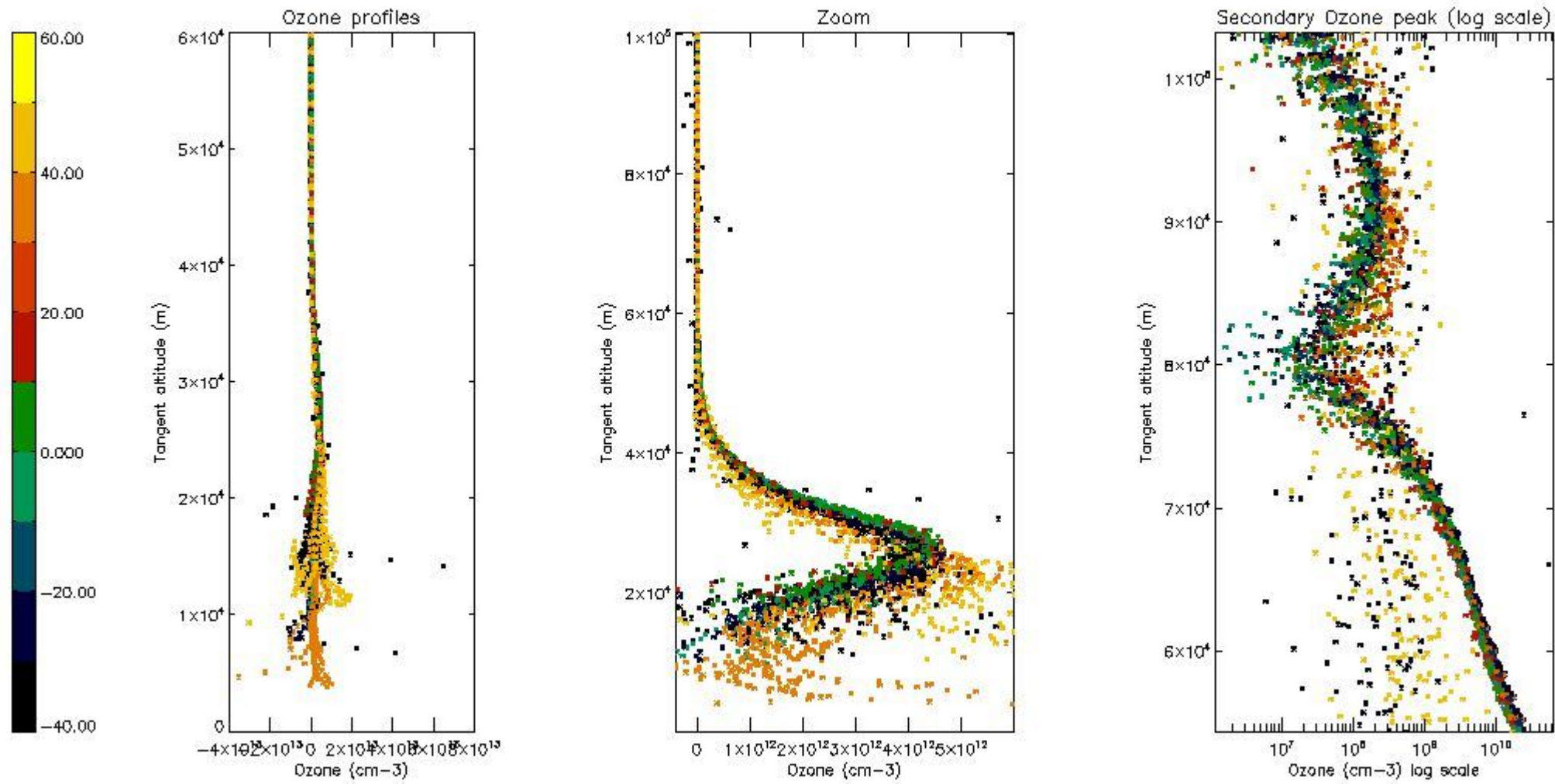
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	38
STD < 20	21

STD < 10	17
STD < 5	12

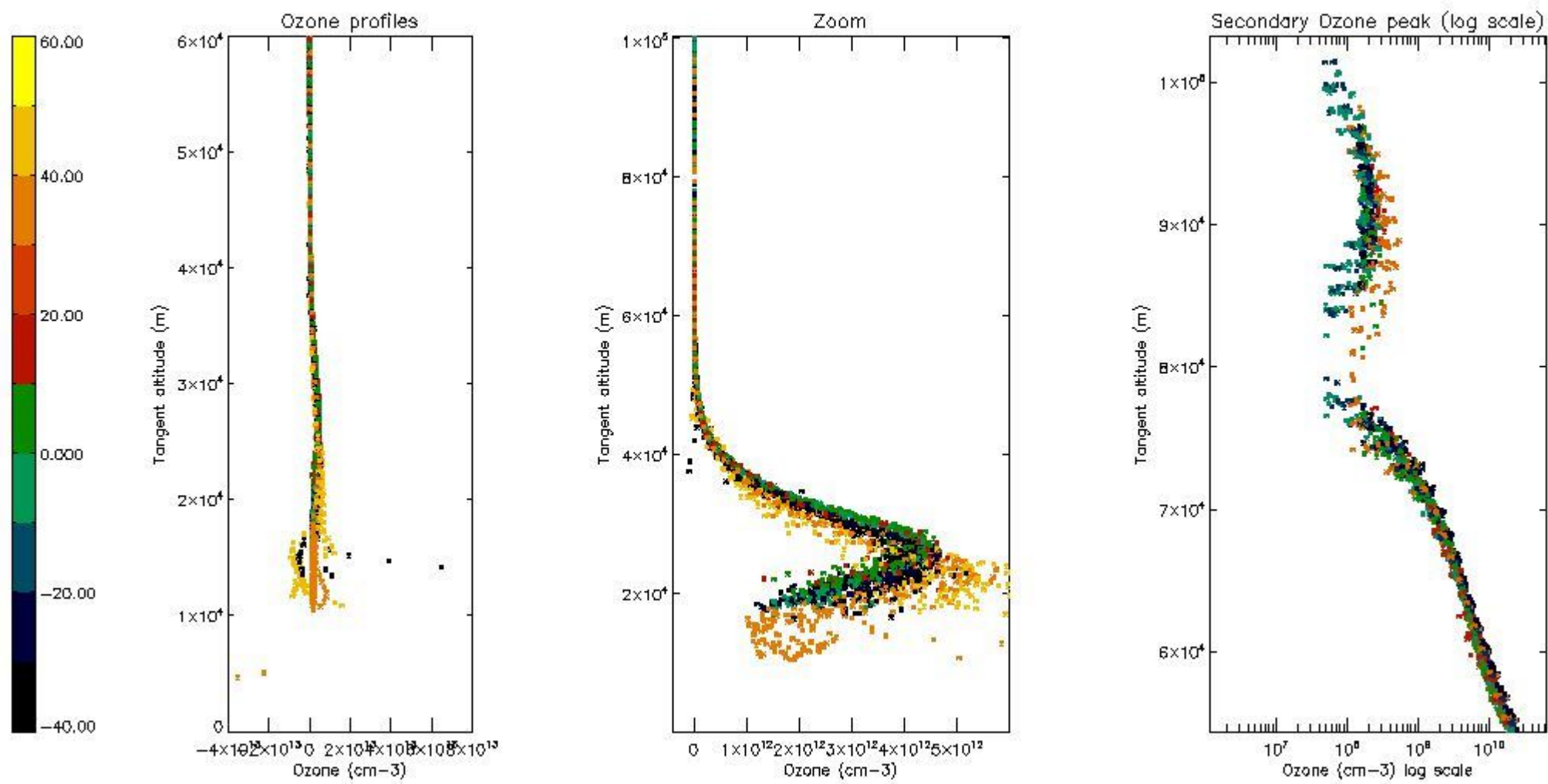
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

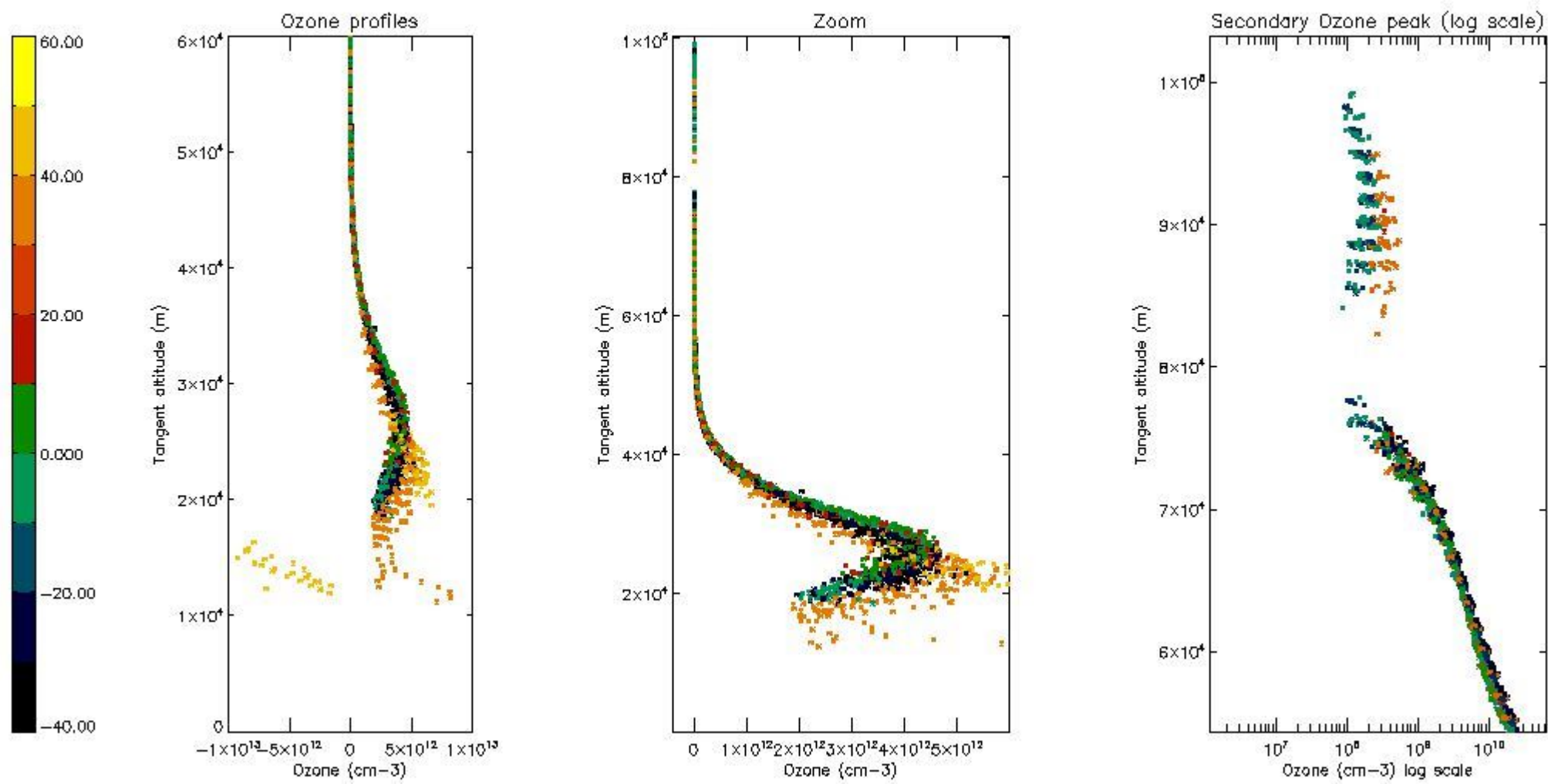
The colorbar represents the latitude.



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

The colorbar represents the latitude.

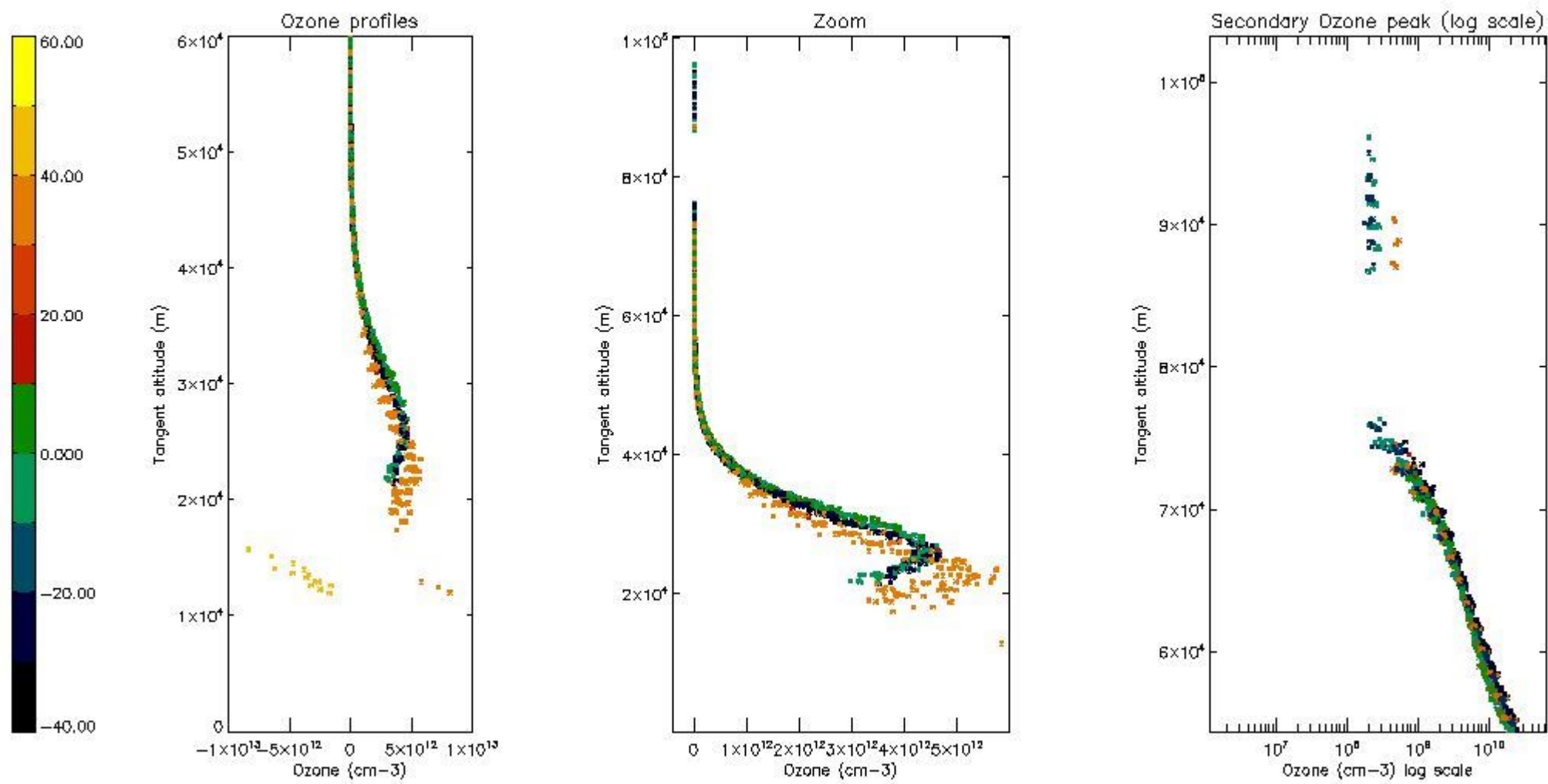




*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

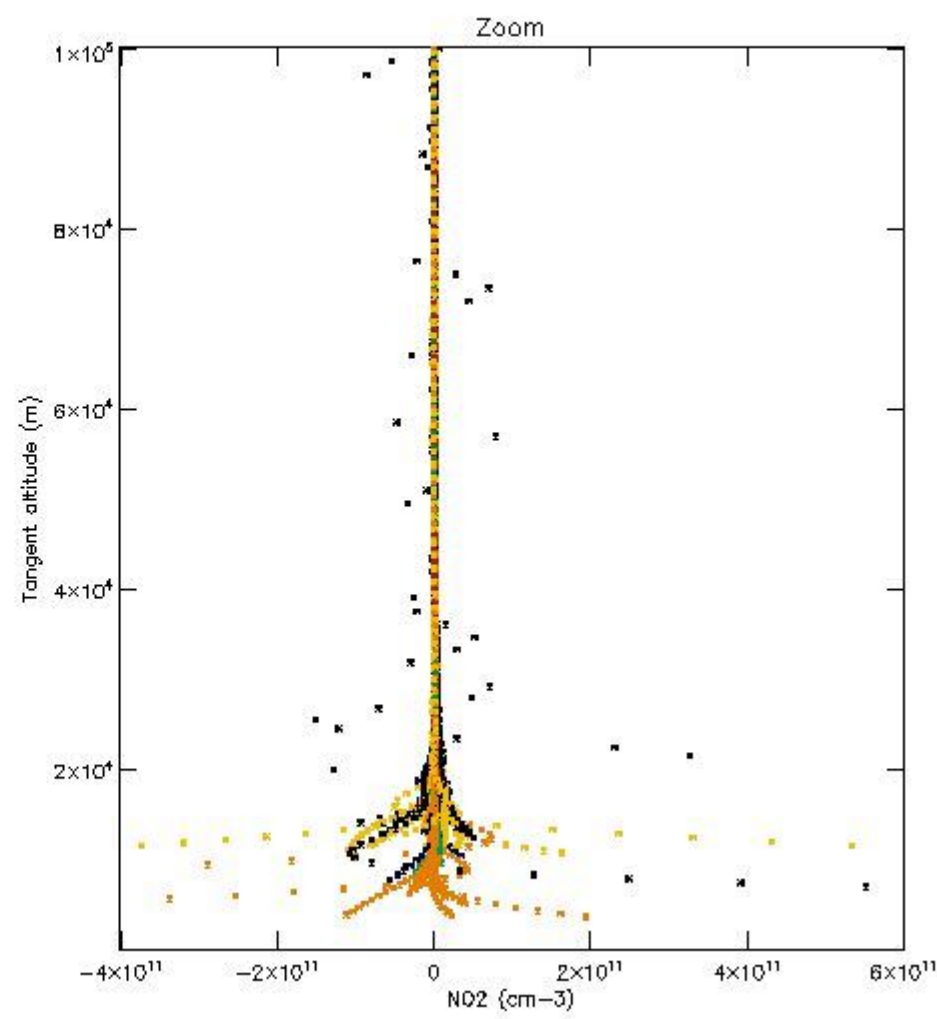
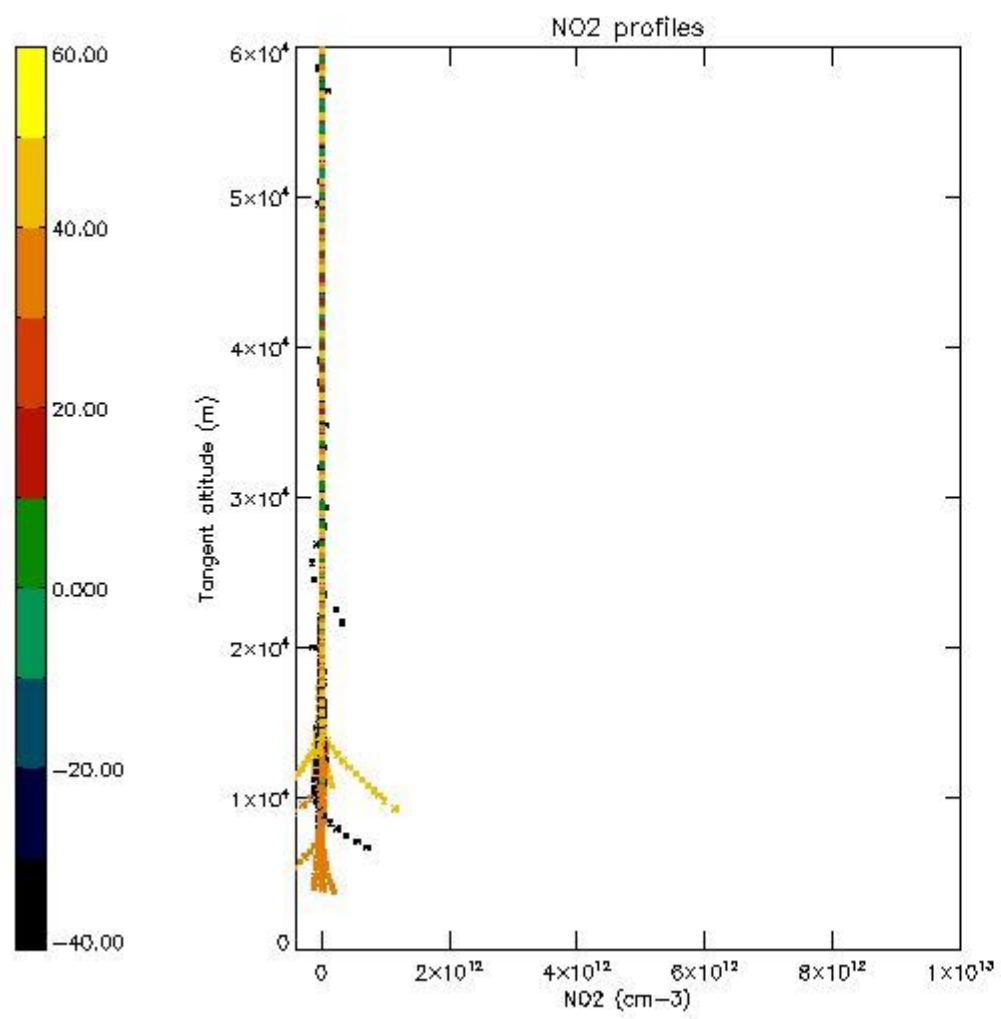
The colorbar represents the latitude.





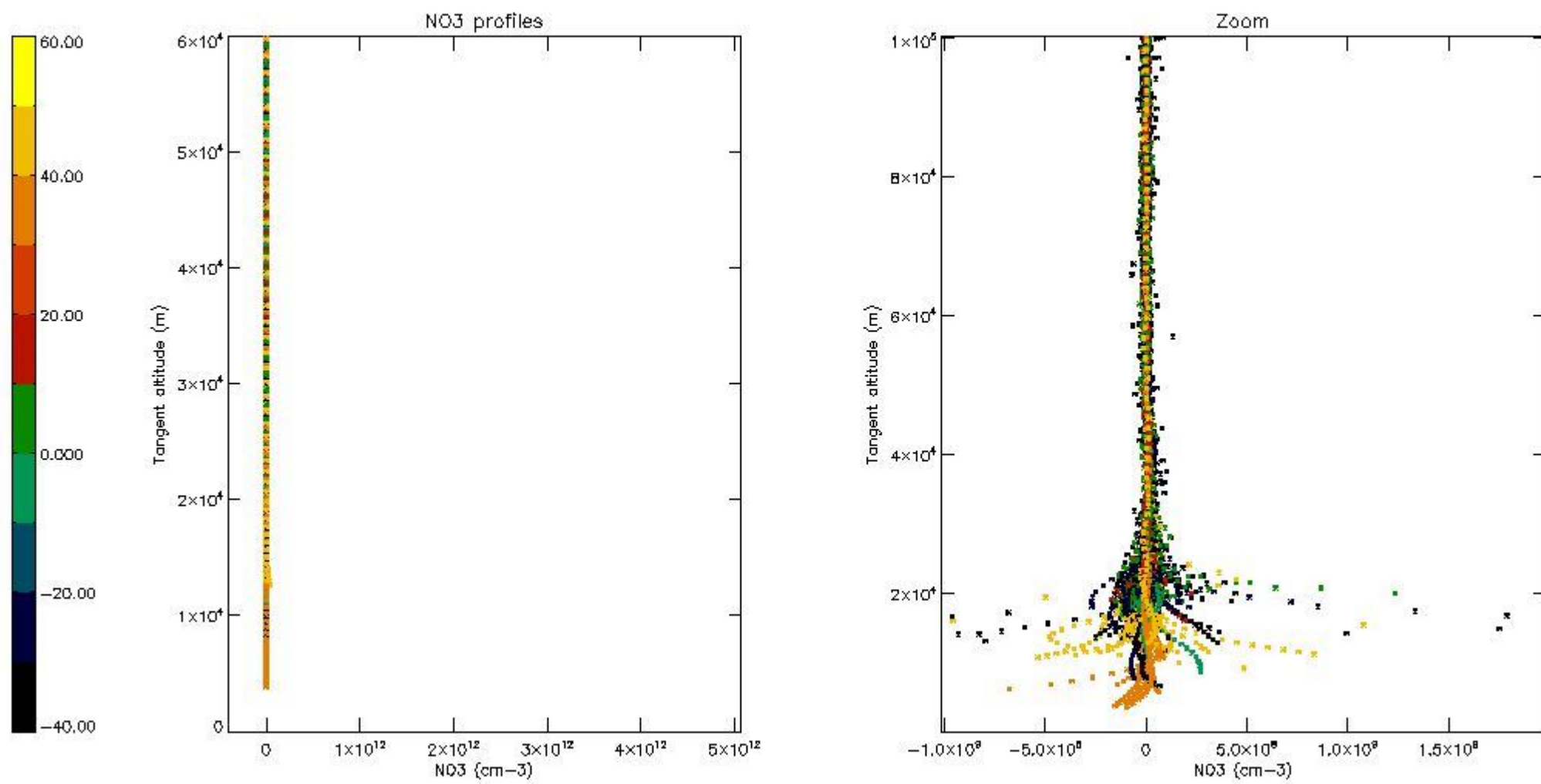
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



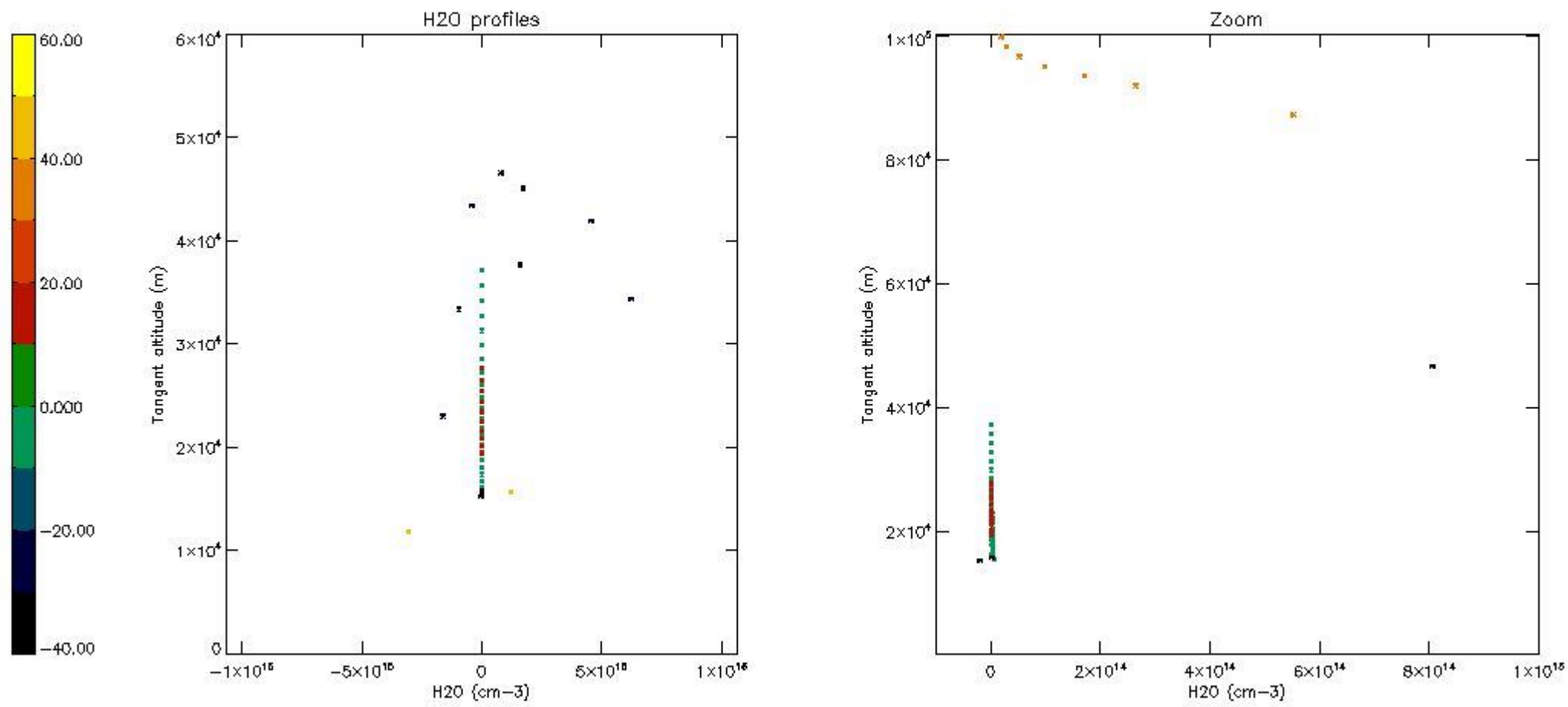
*5.7 Plot NO3 profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	29-DEC-2006 00:02:25
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	29-DEC-2006 00:02:25
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	29-DEC-2006 00:02:25



# 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	24APR2013 07:07:04
Data source version	GOMOS/6.01
Start time of products	29-12-2006 (29DEC2006 00:00:00)
Stop time of products	30-12-2006 (30DEC2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	336
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__2PRFIN20061229_000225_000000472054_00145_25249_2057.N1	29-DEC-2006 00:02:25	Bright	47.000	13	87Alp Tau	0.86700	3800.0	94	25249	No
2	GOM_NL__2PRFIN20061229_000347_000000432054_00145_25249_2058.N1	29-DEC-2006 00:03:47	Bright	43.000	176	23Zet Tau	3.0200	22000.	86	25249	No
3	GOM_NL__2PRFIN20061229_000552_000000402054_00145_25249_2059.N1	29-DEC-2006 00:05:52	Bright	40.000	28	12Bet Tau	1.6500	15200.	80	25249	No
4	GOM_NL__2PRFIN20061229_001048_000000392054_00145_25249_2060.N1	29-DEC-2006 00:10:48	Bright	39.000	6	13Alp Aur	0.080000	3400.0	78	25249	No
5	GOM_NL__2PRFIN20061229_002253_000000352054_00145_25249_2061.N1	29-DEC-2006 00:22:53	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	25249	No
6	GOM_NL__2PRFIN20061229_002725_000000372054_00145_25249_2062.N1	29-DEC-2006 00:27:25	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	25249	No
7	GOM_NL__2PRFIN20061229_003109_000000352054_00145_25249_2063.N1	29-DEC-2006 00:31:09	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	25249	No
8	GOM_NL__2PRFIN20061229_004128_000000362054_00145_25249_2064.N1	29-DEC-2006 00:41:28	Bright	35.500	67	5Alp CrB	2.2210	11000.	71	25249	No
9	GOM_NL__2PRFIN20061229_004707_000000352054_00145_25249_2065.N1	29-DEC-2006 00:47:07	Bright	34.500	102	24Alp Ser	2.6000	4250.0	69	25249	No
10	GOM_NL__2PRFIN20061229_005205_000000542054_00145_25249_2066.N1	29-DEC-2006 00:52:05	Bright	54.000	104	27Bet Lib	2.6140	13100.	108	25249	No
11	GOM_NL__2PRFIN20061229_005437_000000422054_00145_25249_2067.N1	29-DEC-2006 00:54:37	Twilight	41.500	122	9Alp2Lib	2.7470	9700.0	83	25249	No
12	GOM_NL__2PRFIN20061229_010125_000000472054_00145_25249_2068.N1	29-DEC-2006 01:01:25	Dark	46.500	54	5The Cen	2.0550	4500.0	93	25249	No
13	GOM_NL__2PRFIN20061229_010415_000000402054_00145_25249_2069.N1	29-DEC-2006 01:04:15	Dark	40.000	95	Zet Cen	2.5450	26000.	80	25249	No
14	GOM_NL__2PRFIN20061229_010648_000000432054_00146_25250_2057.N1	29-DEC-2006 01:06:48	Dark	42.500	10	Bet Cen	0.61000	28000.	85	25250	No
15	GOM_NL__2PRFIN20061229_010952_000000422054_00146_25250_2058.N1	29-DEC-2006 01:09:52	Dark	42.000	12	Alp1Cru	0.77500	30000.	84	25250	No
16	GOM_NL__2PRFIN20061229_011313_000000392054_00146_25250_2059.N1	29-DEC-2006 01:13:13	Dark	38.500	124	The Car	2.7640	30000.	77	25250	No
17	GOM_NL__2PRFIN20061229_011516_000000402054_00146_25250_2060.N1	29-DEC-2006 01:15:16	Dark	40.000	29	Bet Car	1.6720	10200.	80	25250	No
18	GOM_NL__2PRFIN20061229_011700_000000432054_00146_25250_2061.N1	29-DEC-2006 01:17:00	Dark	42.500	91	Kap Vel	2.4900	26000.	85	25250	No
19	GOM_NL__2PRFIN20061229_012232_000000442054_00146_25250_2062.N1	29-DEC-2006 01:22:32	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	25250	No
20	GOM_NL__2PRFIN20061229_012541_000000502054_00146_25250_2063.N1	29-DEC-2006 01:25:41	Dark	49.500	117	Pi Pup	2.7060	3800.0	99	25250	No
21	GOM_NL__2PRFIN20061229_012817_000000392054_00146_25250_2064.N1	29-DEC-2006 01:28:17	Straylight	39.000	108	Alp Col	2.6520	15200.	78	25250	No
22	GOM_NL__2PRFIN20061229_013229_000000452054_00146_25250_2065.N1	29-DEC-2006 01:32:29	Straylight	45.000	47	2Bet CMa	1.9760	28000.	90	25250	No
23	GOM_NL__2PRFIN20061229_013550_000000522054_00146_25250_2066.N1	29-DEC-2006 01:35:50	Straylight	52.000	7	19Bet Ori	0.10000	14000.	104	25250	No
24	GOM_NL__2PRFIN20061229_013745_000000442054_00146_25250_2067.N1	29-DEC-2006 01:37:45	Straylight	44.000	30	46Eps Ori	1.6940	30000.	88	25250	No
25	GOM_NL__2PRFIN20061229_014022_000000512054_00146_25250_2068.N1	29-DEC-2006 01:40:22	Twilight	51.000	14	58Alp Ori	0.87000	3000.0	102	25250	No
26	GOM_NL__2PRFIN20061229_014301_000000522054_00146_25250_2069.N1	29-DEC-2006 01:43:01	Bright	52.000	13	87Alp Tau	0.86700	3800.0	104	25250	No
27	GOM_NL__2PRFIN20061229_014422_000000502054_00146_25250_2070.N1	29-DEC-2006 01:44:22	Bright	50.000	176	23Zet Tau	3.0200	22000.	100	25250	No
28	GOM_NL__2PRFIN20061229_014628_000000402054_00146_25250_2071.N1	29-DEC-2006 01:46:28	Bright	39.500	28	12Bet Tau	1.6500	15200.	79	25250	No
29	GOM_NL__2PRFIN20061229_014926_000000262054_00146_25250_2072.N1	29-DEC-2006 01:49:26	Twilight	26.000	107	37The Aur	2.6490	11000.	52	25250	No
30	GOM_NL__2PRFIN20061229_015124_000000442054_00146_25250_2073.N1	29-DEC-2006 01:51:24	Bright	43.500	6	13Alp Aur	0.080000	3400.0	87	25250	No
31	GOM_NL__2PRFIN20061229_020329_000000342054_00146_25250_2074.N1	29-DEC-2006 02:03:29	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	25250	No
32	GOM_NL__2PRFIN20061229_020801_000000382054_00146_25250_2075.N1	29-DEC-2006 02:08:01	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	25250	No
33	GOM_NL__2PRFIN20061229_021145_000000362054_00146_25250_2076.N1	29-DEC-2006 02:11:45	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	25250	No
34	GOM_NL__2PRFIN20061229_022204_000000362054_00146_25250_2077.N1	29-DEC-2006 02:22:04	Bright	35.500	67	5Alp CrB	2.2210	11000.	71	25250	No
35	GOM_NL__2PRFIN20061229_022743_000000342054_00146_25250_2078.N1	29-DEC-2006 02:27:43	Bright	34.000	102	24Alp Ser	2.6000	4250.0	68	25250	No
36	GOM_NL__2PRFIN20061229_023241_000000362054_00146_25250_2079.N1	29-DEC-2006 02:32:41	Bright	36.000	104	27Bet Lib	2.6140	13100.	72	25250	No
37	GOM_NL__2PRFIN20061229_023514_000000422054_00146_25250_2080.N1	29-DEC-2006 02:35:14	Twilight	41.500	122	9Alp2Lib	2.7470	9700.0	83	25250	No
38	GOM_NL__2PRFIN20061229_024202_000000452054_00146_25250_2081.N1	29-DEC-2006 02:42:02	Dark	45.000	54	5The Cen	2.0550	4500.0	90	25250	No
39	GOM_NL__2PRFIN20061229_024330_000000372054_00146_25250_2082.N1	29-DEC-2006 02:43:30	Dark	37.000	78	Alp Lup	2.3040	28000.	74	25250	No
40	GOM_NL__2PRFIN20061229_024452_000000402054_00146_25250_2083.N1	29-DEC-2006 02:44:52	Dark	39.500	95	Zet Cen	2.5450	26000.	79	25250	No
41	GOM_NL__2PRFIN20061229_025029_000000392054_00147_25251_2069.N1	29-DEC-2006 02:50:29	Dark	38.500	12	Alp1Cru	0.77500	30000.	77	25251	No
42	GOM_NL__2PRFIN20061229_025349_000000392054_00147_25251_2070.N1	29-DEC-2006 02:53:49	Dark	38.500	124	The Car	2.7640	30000.	77	25251	No

43	GOM_NL__2PRFIN20061229_025553_000000382054_00147_25251_2071.N1	29-DEC-2006 02:55:53	Dark	37.500	29	Bet Car	1.6720	10200.	75	25251	No
44	GOM_NL__2PRFIN20061229_025736_000000432054_00147_25251_2072.N1	29-DEC-2006 02:57:36	Dark	42.500	91	Kap Vel	2.4900	26000.	85	25251	No
45	GOM_NL__2PRFIN20061229_030308_000000532054_00147_25251_2073.N1	29-DEC-2006 03:03:08	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	25251	No
46	GOM_NL__2PRFIN20061229_030617_000000532054_00147_25251_2074.N1	29-DEC-2006 03:06:17	Dark	52.500	117	Pi Pup	2.7060	3800.0	105	25251	No
47	GOM_NL__2PRFIN20061229_030853_000000392054_00147_25251_2075.N1	29-DEC-2006 03:08:53	Straylight	38.500	108	Alp Col	2.6520	15200.	77	25251	No
48	GOM_NL__2PRFIN20061229_031305_000000442054_00147_25251_2076.N1	29-DEC-2006 03:13:05	Straylight	43.500	47	2Bet CMa	1.9760	28000.	87	25251	No
49	GOM_NL__2PRFIN20061229_031626_000000472054_00147_25251_2077.N1	29-DEC-2006 03:16:26	Straylight	47.000	7	19Bet Ori	0.10000	14000.	94	25251	No
50	GOM_NL__2PRFIN20061229_031821_000000442054_00147_25251_2078.N1	29-DEC-2006 03:18:21	Straylight	43.500	30	46Eps Ori	1.6940	30000.	87	25251	No
51	GOM_NL__2PRFIN20061229_032058_000000542054_00147_25251_2079.N1	29-DEC-2006 03:20:58	Tw_i_and_stray	53.500	14	58Alp Ori	0.87000	3000.0	107	25251	No
52	GOM_NL__2PRFIN20061229_032337_000000452054_00147_25251_2080.N1	29-DEC-2006 03:23:37	Bright	45.000	13	87Alp Tau	0.86700	3800.0	90	25251	No
53	GOM_NL__2PRFIN20061229_032458_000000442054_00147_25251_2081.N1	29-DEC-2006 03:24:58	Bright	44.000	176	23Zet Tau	3.0200	22000.	88	25251	No
54	GOM_NL__2PRFIN20061229_032704_000000392054_00147_25251_2082.N1	29-DEC-2006 03:27:04	Bright	38.500	28	12Bet Tau	1.6500	15200.	77	25251	No
55	GOM_NL__2PRFIN20061229_033002_000000262054_00147_25251_2083.N1	29-DEC-2006 03:30:02	Tw_i_and_stray	26.000	107	37The Aur	2.6490	11000.	52	25251	No
56	GOM_NL__2PRFIN20061229_033159_000000392054_00147_25251_2084.N1	29-DEC-2006 03:31:59	Bright	39.000	6	13Alp Aur	0.080000	3400.0	78	25251	No
57	GOM_NL__2PRFIN20061229_034405_000000332054_00147_25251_2085.N1	29-DEC-2006 03:44:05	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	25251	No
58	GOM_NL__2PRFIN20061229_034837_000000392054_00147_25251_2086.N1	29-DEC-2006 03:48:37	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	25251	No
59	GOM_NL__2PRFIN20061229_035221_000000372054_00147_25251_2087.N1	29-DEC-2006 03:52:21	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	25251	No
60	GOM_NL__2PRFIN20061229_040240_000000352054_00147_25251_2088.N1	29-DEC-2006 04:02:40	Bright	35.000	67	5Alp CrB	2.2210	11000.	70	25251	No
61	GOM_NL__2PRFIN20061229_040820_000000352054_00147_25251_2089.N1	29-DEC-2006 04:08:20	Bright	35.000	102	24Alp Ser	2.6000	4250.0	70	25251	No
62	GOM_NL__2PRFIN20061229_041317_000000372054_00147_25251_2090.N1	29-DEC-2006 04:13:17	Bright	36.500	104	27Bet Lib	2.6140	13100.	73	25251	No
63	GOM_NL__2PRFIN20061229_041550_000000422054_00147_25251_2091.N1	29-DEC-2006 04:15:50	Tw_i_and_stray	42.000	122	9Alp2Lib	2.7470	9700.0	84	25251	No
64	GOM_NL__2PRFIN20061229_042238_000000452054_00147_25251_2092.N1	29-DEC-2006 04:22:38	Dark	45.000	54	5The Cen	2.0550	4500.0	90	25251	No
65	GOM_NL__2PRFIN20061229_042407_000000392054_00147_25251_2093.N1	29-DEC-2006 04:24:07	Dark	39.000	78	Alp Lup	2.3040	28000.	78	25251	No
66	GOM_NL__2PRFIN20061229_042528_000000392054_00147_25251_2094.N1	29-DEC-2006 04:25:28	Dark	38.500	95	Zet Cen	2.5450	26000.	77	25251	No
67	GOM_NL__2PRFIN20061229_043105_000000482054_00148_25252_2081.N1	29-DEC-2006 04:31:05	Dark	47.500	12	Alp1Cru	0.77500	30000.	95	25252	No
68	GOM_NL__2PRFIN20061229_043426_000000382054_00148_25252_2082.N1	29-DEC-2006 04:34:26	Dark	37.500	124	The Car	2.7640	30000.	75	25252	No
69	GOM_NL__2PRFIN20061229_043629_000000382054_00148_25252_2083.N1	29-DEC-2006 04:36:29	Dark	37.500	29	Bet Car	1.6720	10200.	75	25252	No
70	GOM_NL__2PRFIN20061229_043813_000000422054_00148_25252_2084.N1	29-DEC-2006 04:38:13	Dark	42.000	91	Kap Vel	2.4900	26000.	84	25252	No
71	GOM_NL__2PRFIN20061229_044345_000000462054_00148_25252_2085.N1	29-DEC-2006 04:43:45	Dark	45.500	2	Alp Car	-0.73600	7000.0	91	25252	No
72	GOM_NL__2PRFIN20061229_044654_000000502054_00148_25252_2086.N1	29-DEC-2006 04:46:54	Dark	50.000	117	Pi Pup	2.7060	3800.0	100	25252	No
73	GOM_NL__2PRFIN20061229_044929_000000392054_00148_25252_2087.N1	29-DEC-2006 04:49:29	Straylight	38.500	108	Alp Col	2.6520	15200.	77	25252	No
74	GOM_NL__2PRFIN20061229_045341_000000432054_00148_25252_2088.N1	29-DEC-2006 04:53:41	Straylight	42.500	47	2Bet CMa	1.9760	28000.	85	25252	No
75	GOM_NL__2PRFIN20061229_045702_000000492054_00148_25252_2089.N1	29-DEC-2006 04:57:02	Straylight	49.000	7	19Bet Ori	0.10000	14000.	98	25252	No
76	GOM_NL__2PRFIN20061229_045857_000000442054_00148_25252_2090.N1	29-DEC-2006 04:58:57	Straylight	44.000	30	46Eps Ori	1.6940	30000.	88	25252	No
77	GOM_NL__2PRFIN20061229_050134_000000562054_00148_25252_2091.N1	29-DEC-2006 05:01:34	Tw_i_and_stray	56.000	14	58Alp Ori	0.87000	3000.0	112	25252	No
78	GOM_NL__2PRFIN20061229_050413_000000472054_00148_25252_2092.N1	29-DEC-2006 05:04:13	Bright	47.000	13	87Alp Tau	0.86700	3800.0	94	25252	No
79	GOM_NL__2PRFIN20061229_050534_000000482054_00148_25252_2093.N1	29-DEC-2006 05:05:34	Bright	48.000	176	23Zet Tau	3.0200	22000.	96	25252	No
80	GOM_NL__2PRFIN20061229_050740_000000402054_00148_25252_2094.N1	29-DEC-2006 05:07:40	Bright	39.500	28	12Bet Tau	1.6500	15200.	79	25252	No
81	GOM_NL__2PRFIN20061229_051038_000000352054_00148_25252_2095.N1	29-DEC-2006 05:10:38	Bright	35.000	107	37The Aur	2.6490	11000.	70	25252	No
82	GOM_NL__2PRFIN20061229_051235_000000372054_00148_25252_2096.N1	29-DEC-2006 05:12:35	Bright	37.000	6	13Alp Aur	0.080000	3400.0	74	25252	No
83	GOM_NL__2PRFIN20061229_052441_000000362054_00148_25252_2097.N1	29-DEC-2006 05:24:41	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	25252	No
84	GOM_NL__2PRFIN20061229_052913_000000382054_00148_25252_2098.N1	29-DEC-2006 05:29:13	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	25252	No
85	GOM_NL__2PRFIN20061229_053257_000000372054_00148_25252_2099.N1	29-DEC-2006 05:32:57	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	25252	No
86	GOM_NL__2PRFIN20061229_054316_000000362054_00148_25252_2100.N1	29-DEC-2006 05:43:16	Bright	36.000	67	5Alp CrB	2.2210	11000.	72	25252	No
87	GOM_NL__2PRFIN20061229_054856_000000352054_00148_25252_2101.N1	29-DEC-2006 05:48:56	Bright	35.000	102	24Alp Ser	2.6000	4250.0	70	25252	No
88	GOM_NL__2PRFIN20061229_055353_000000372054_00148_25252_2102.N1	29-DEC-2006 05:53:53	Bright	37.000	104	27Bet Lib	2.6140	13100.	74	25252	No
89	GOM_NL__2PRFIN20061229_055627_000000422054_00148_25252_2103.N1	29-DEC-2006 05:56:27	Tw_i_and_stray	42.000	122	9Alp2Lib	2.7470	9700.0	84	25252	No
90	GOM_NL__2PRFIN20061229_060315_000000452054_00148_25252_2104.N1	29-DEC-2006 06:03:15	Dark	44.500	54	5The Cen	2.0550	4500.0	89	25252	No
91	GOM_NL__2PRFIN20061229_060443_000000392054_00148_25252_2105.N1	29-DEC-2006 06:04:43	Dark	38.500	78	Alp Lup	2.3040	28000.	77	25252	No
92	GOM_NL__2PRFIN20061229_060605_000000392054_00148_25252_2106.N1	29-DEC-2006 06:06:05	Dark	39.000	95	Zet Cen	2.5450	26000.	78	25252	No
93	GOM_NL__2PRFIN20061229_060837_000000442054_00149_25253_2088.N1	29-DEC-2006 06:08:37	Dark	43.500	10	Bet Cen	0.61000	28000.	87	25253	No
94	GOM_NL__2PRFIN20061229_061142_000000392054_00149_25253_2089.N1	29-DEC-2006 06:11:42	Dark	39.000	12	Alp1Cru	0.77500	30000.	78	25253	No
95	GOM_NL__2PRFIN20061229_061502_000000392054_00149_25253_2090.N1	29-DEC-2006 06:15:02	Dark	38.500	124	The Car	2.7640	30000.	77	25253	No
96	GOM_NL__2PRFIN20061229_061705_000000382054_00149_25253_2091.N1	29-DEC-2006 06:17:05	Dark	37.500	29	Bet Car	1.6720	10200.	75	25253	No
97	GOM_NL__2PRFIN20061229_061850_000000422054_00149_25253_2092.N1	29-DEC-2006 06:18:50	Dark	41.500	91	Kap Vel	2.4900	26000.	83	25253	No
98	GOM_NL__2PRFIN20061229_062421_000000492054_00149_25253_2093.N1	29-DEC-2006 06:24:21	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	25253	No
99	GOM_NL__2PRFIN20061229_062730_000000462054_00149_25253_2094.N1	29-DEC-2006 06:27:30	Dark	45.500	117	Pi Pup	2.7060	3800.0	91	25253	No
100	GOM_NL__2PRFIN20061229_063006_000000392054_00149_25253_2095.N1	29-DEC-2006 06:30:06	Straylight	38.500	108	Alp Col	2.6520	15200.	77	25253	No
101	GOM_NL__2PRFIN20061229_063417_000000432054_00149_25253_2096.N1	29-DEC-2006 06:34:17	Straylight	43.000	47	2Bet CMa	1.9760	28000.	86	25253	No

102	GOM_NL__2PRFIN20061229_063738_000000522054_00149_25253_2097.N1	29-DEC-2006 06:37:38	Straylight	51.500	7	19Bet Ori	0.10000	14000.	103	25253	No
103	GOM_NL__2PRFIN20061229_063933_000000432054_00149_25253_2098.N1	29-DEC-2006 06:39:33	Straylight	43.000	30	46Eps Ori	1.6940	30000.	86	25253	No
104	GOM_NL__2PRFIN20061229_064210_000000572054_00149_25253_2099.N1	29-DEC-2006 06:42:10	Twi_and_stray	57.000	14	58Alp Ori	0.87000	3000.0	114	25253	No
105	GOM_NL__2PRFIN20061229_064449_000000522054_00149_25253_2100.N1	29-DEC-2006 06:44:49	Bright	52.000	13	87Alp Tau	0.86700	3800.0	104	25253	No
106	GOM_NL__2PRFIN20061229_064610_000000412054_00149_25253_2101.N1	29-DEC-2006 06:46:10	Bright	41.000	176	23Zet Tau	3.0200	22000.	82	25253	No
107	GOM_NL__2PRFIN20061229_064816_000000402054_00149_25253_2102.N1	29-DEC-2006 06:48:16	Bright	39.500	28	12Bet Tau	1.6500	15200.	79	25253	No
108	GOM_NL__2PRFIN20061229_065113_000000352054_00149_25253_2103.N1	29-DEC-2006 06:51:13	Bright	35.000	107	37The Aur	2.6490	11000.	70	25253	No
109	GOM_NL__2PRFIN20061229_065311_000000412054_00149_25253_2104.N1	29-DEC-2006 06:53:11	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	25253	No
110	GOM_NL__2PRFIN20061229_070517_000000362054_00149_25253_2105.N1	29-DEC-2006 07:05:17	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	25253	No
111	GOM_NL__2PRFIN20061229_070949_000000342054_00149_25253_2106.N1	29-DEC-2006 07:09:49	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	25253	No
112	GOM_NL__2PRFIN20061229_071333_000000362054_00149_25253_2107.N1	29-DEC-2006 07:13:33	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	25253	No
113	GOM_NL__2PRFIN20061229_072352_000000542054_00149_25253_2108.N1	29-DEC-2006 07:23:52	Bright	54.000	67	5Alp CrB	2.2210	11000.	108	25253	No
114	GOM_NL__2PRFIN20061229_072932_000000342054_00149_25253_2109.N1	29-DEC-2006 07:29:32	Bright	34.000	102	24Alp Ser	2.6000	4250.0	68	25253	No
115	GOM_NL__2PRFIN20061229_073430_000000372054_00149_25253_2110.N1	29-DEC-2006 07:34:30	Bright	36.500	104	27Bet Lib	2.6140	13100.	73	25253	No
116	GOM_NL__2PRFIN20061229_073703_000000452054_00149_25253_2111.N1	29-DEC-2006 07:37:03	Twi_and_stray	45.000	122	9Alp2Lib	2.7470	9700.0	90	25253	No
117	GOM_NL__2PRFIN20061229_074351_000000472054_00149_25253_2112.N1	29-DEC-2006 07:43:51	Dark	46.500	54	5The Cen	2.0550	4500.0	93	25253	No
118	GOM_NL__2PRFIN20061229_074519_000000402054_00149_25253_2113.N1	29-DEC-2006 07:45:19	Dark	39.500	78	Alp Lup	2.3040	28000.	79	25253	No
119	GOM_NL__2PRFIN20061229_074641_000000402054_00149_25253_2114.N1	29-DEC-2006 07:46:41	Dark	39.500	95	Zet Cen	2.5450	26000.	79	25253	No
120	GOM_NL__2PRFIN20061229_074913_000000412054_00150_25254_2108.N1	29-DEC-2006 07:49:13	Dark	41.000	10	Bet Cen	0.61000	28000.	82	25254	No
121	GOM_NL__2PRFIN20061229_075218_000000472054_00150_25254_2109.N1	29-DEC-2006 07:52:18	Dark	46.500	12	Alp1Cru	0.77500	30000.	93	25254	No
122	GOM_NL__2PRFIN20061229_075539_000000392054_00150_25254_2110.N1	29-DEC-2006 07:55:39	Dark	38.500	124	The Car	2.7640	30000.	77	25254	No
123	GOM_NL__2PRFIN20061229_075742_000000382054_00150_25254_2111.N1	29-DEC-2006 07:57:42	Dark	37.500	29	Bet Car	1.6720	10200.	75	25254	No
124	GOM_NL__2PRFIN20061229_075857_000000412054_00150_25254_2112.N1	29-DEC-2006 07:58:57	Dark	41.000	71	lot Car	2.2460	7700.0	82	25254	No
125	GOM_NL__2PRFIN20061229_080457_000000442054_00150_25254_2113.N1	29-DEC-2006 08:04:57	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	25254	No
126	GOM_NL__2PRFIN20061229_080806_000000492054_00150_25254_2114.N1	29-DEC-2006 08:08:06	Dark	48.500	117	Pi Pup	2.7060	3800.0	97	25254	No
127	GOM_NL__2PRFIN20061229_081059_000000302054_00150_25254_2115.N1	29-DEC-2006 08:10:59	Straylight	30.000	23	21Eps CMa	1.5020	26000.	60	25254	No
128	GOM_NL__2PRFIN20061229_081453_000000432054_00150_25254_2116.N1	29-DEC-2006 08:14:53	Straylight	43.000	47	2Bet CMa	1.9760	28000.	86	25254	No
129	GOM_NL__2PRFIN20061229_111331_000000392054_00152_25256_2148.N1	29-DEC-2006 11:13:31	Dark	39.000	12	Alp1Cru	0.77500	30000.	78	25256	No
130	GOM_NL__2PRFIN20061229_111651_000000392054_00152_25256_2149.N1	29-DEC-2006 11:16:51	Dark	39.000	124	The Car	2.7640	30000.	78	25256	No
131	GOM_NL__2PRFIN20061229_111854_000000392054_00152_25256_2150.N1	29-DEC-2006 11:18:54	Dark	38.500	29	Bet Car	1.6720	10200.	77	25256	No
132	GOM_NL__2PRFIN20061229_112010_000000412054_00152_25256_2151.N1	29-DEC-2006 11:20:10	Dark	40.500	71	lot Car	2.2460	7700.0	81	25256	No
133	GOM_NL__2PRFIN20061229_112609_000000502054_00152_25256_2152.N1	29-DEC-2006 11:26:09	Dark	50.000	2	Alp Car	-0.73600	7000.0	100	25256	No
134	GOM_NL__2PRFIN20061229_112919_000000462054_00152_25256_2153.N1	29-DEC-2006 11:29:19	Dark	46.000	117	Pi Pup	2.7060	3800.0	92	25256	No
135	GOM_NL__2PRFIN20061229_113211_000000362054_00152_25256_2154.N1	29-DEC-2006 11:32:11	Straylight	36.000	23	21Eps CMa	1.5020	26000.	72	25256	No
136	GOM_NL__2PRFIN20061229_113605_000000442054_00152_25256_2155.N1	29-DEC-2006 11:36:05	Straylight	44.000	47	2Bet CMa	1.9760	28000.	88	25256	No
137	GOM_NL__2PRFIN20061229_113926_000000432054_00152_25256_2156.N1	29-DEC-2006 11:39:26	Straylight	43.000	7	19Bet Ori	0.10000	14000.	86	25256	No
138	GOM_NL__2PRFIN20061229_114121_000000432054_00152_25256_2157.N1	29-DEC-2006 11:41:21	Straylight	42.500	30	46Eps Ori	1.6940	30000.	85	25256	No
139	GOM_NL__2PRFIN20061229_114357_000000542054_00152_25256_2158.N1	29-DEC-2006 11:43:57	Twi_and_stray	54.000	14	58Alp Ori	0.87000	3000.0	108	25256	No
140	GOM_NL__2PRFIN20061229_114637_000000432054_00152_25256_2159.N1	29-DEC-2006 11:46:37	Bright	43.000	13	87Alp Tau	0.86700	3800.0	86	25256	No
141	GOM_NL__2PRFIN20061229_114757_000000432054_00152_25256_2160.N1	29-DEC-2006 11:47:57	Bright	42.500	176	23Zet Tau	3.0200	22000.	85	25256	No
142	GOM_NL__2PRFIN20061229_115003_000000442054_00152_25256_2161.N1	29-DEC-2006 11:50:03	Bright	43.500	28	12Bet Tau	1.6500	15200.	87	25256	No
143	GOM_NL__2PRFIN20061229_115300_000000392054_00152_25256_2162.N1	29-DEC-2006 11:53:00	Bright	38.500	107	37The Aur	2.6490	11000.	77	25256	No
144	GOM_NL__2PRFIN20061229_115458_000000422054_00152_25256_2163.N1	29-DEC-2006 11:54:58	Bright	42.000	6	13Alp Aur	0.080000	3400.0	84	25256	No
145	GOM_NL__2PRFIN20061229_120704_000000372054_00152_25256_2164.N1	29-DEC-2006 12:07:04	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	25256	No
146	GOM_NL__2PRFIN20061229_121136_000000352054_00152_25256_2165.N1	29-DEC-2006 12:11:36	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	25256	No
147	GOM_NL__2PRFIN20061229_121521_000000362054_00152_25256_2166.N1	29-DEC-2006 12:15:21	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	25256	No
148	GOM_NL__2PRFIN20061229_122540_000000372054_00152_25256_2167.N1	29-DEC-2006 12:25:40	Bright	36.500	67	5Alp CrB	2.2210	11000.	73	25256	No
149	GOM_NL__2PRFIN20061229_123121_000000352054_00152_25256_2168.N1	29-DEC-2006 12:31:21	Bright	35.000	102	24Alp Ser	2.6000	4250.0	70	25256	No
150	GOM_NL__2PRFIN20061229_123619_000000542054_00152_25256_2169.N1	29-DEC-2006 12:36:19	Bright	54.000	104	27Bet Lib	2.6140	13100.	108	25256	No
151	GOM_NL__2PRFIN20061229_123853_000000432054_00152_25256_2170.N1	29-DEC-2006 12:38:53	Twi_and_stray	42.500	122	9Alp2Lib	2.7470	9700.0	85	25256	No
152	GOM_NL__2PRFIN20061229_124541_000000452054_00152_25256_2171.N1	29-DEC-2006 12:45:41	Dark	45.000	54	5The Cen	2.0550	4500.0	90	25256	No
153	GOM_NL__2PRFIN20061229_124708_000000402054_00152_25256_2172.N1	29-DEC-2006 12:47:08	Dark	40.000	78	Alp Lup	2.3040	28000.	80	25256	No
154	GOM_NL__2PRFIN20061229_124831_000000412054_00152_25256_2173.N1	29-DEC-2006 12:48:31	Dark	40.500	95	Zet Cen	2.5450	26000.	81	25256	No
155	GOM_NL__2PRFIN20061229_125102_000000402054_00153_25257_2158.N1	29-DEC-2006 12:51:02	Dark	39.500	10	Bet Cen	0.61000	28000.	79	25257	No
156	GOM_NL__2PRFIN20061229_125407_000000412054_00153_25257_2159.N1	29-DEC-2006 12:54:07	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	25257	No
157	GOM_NL__2PRFIN20061229_125728_000000392054_00153_25257_2160.N1	29-DEC-2006 12:57:28	Dark	38.500	124	The Car	2.7640	30000.	77	25257	No
158	GOM_NL__2PRFIN20061229_125930_000000392054_00153_25257_2161.N1	29-DEC-2006 12:59:30	Dark	39.000	29	Bet Car	1.6720	10200.	78	25257	No
159	GOM_NL__2PRFIN20061229_130047_000000412054_00153_25257_2162.N1	29-DEC-2006 13:00:47	Dark	40.500	71	lot Car	2.2460	7700.0	81	25257	No
160	GOM_NL__2PRFIN20061229_130646_000000522054_00153_25257_2163.N1	29-DEC-2006 13:06:46	Dark	51.500	2	Alp Car	-0.73600	7000.0	103	25257	No



161	GOM_NL__2PRFIN20061229_130955_000000502054_00153_25257_2164.N1	29-DEC-2006 13:09:55	Dark	50.000	117	Pi Pup	2.7060	3800.0	100	25257	No
162	GOM_NL__2PRFIN20061229_131247_000000362054_00153_25257_2165.N1	29-DEC-2006 13:12:47	Straylight	36.000	23	21Eps CMa	1.5020	26000.	72	25257	No
163	GOM_NL__2PRFIN20061229_131641_000000452054_00153_25257_2166.N1	29-DEC-2006 13:16:41	Straylight	44.500	47	2Bet CMa	1.9760	28000.	89	25257	No
164	GOM_NL__2PRFIN20061229_132002_000000492054_00153_25257_2167.N1	29-DEC-2006 13:20:02	Straylight	48.500	7	19Bet Ori	0.10000	14000.	97	25257	No
165	GOM_NL__2PRFIN20061229_132157_000000422054_00153_25257_2168.N1	29-DEC-2006 13:21:57	Straylight	41.500	30	46Eps Ori	1.6940	30000.	83	25257	No
166	GOM_NL__2PRFIN20061229_132433_000000562054_00153_25257_2169.N1	29-DEC-2006 13:24:33	Tw_i_and_stray	56.000	14	58Alp Ori	0.87000	3000.0	112	25257	No
167	GOM_NL__2PRFIN20061229_132713_000000482054_00153_25257_2170.N1	29-DEC-2006 13:27:13	Bright	47.500	13	87Alp Tau	0.86700	3800.0	95	25257	No
168	GOM_NL__2PRFIN20061229_132833_000000452054_00153_25257_2171.N1	29-DEC-2006 13:28:33	Bright	44.500	176	23Zet Tau	3.0200	22000.	89	25257	No
169	GOM_NL__2PRFIN20061229_133039_000000392054_00153_25257_2172.N1	29-DEC-2006 13:30:39	Bright	39.000	28	12Bet Tau	1.6500	15200.	78	25257	No
170	GOM_NL__2PRFIN20061229_133336_000000392054_00153_25257_2173.N1	29-DEC-2006 13:33:36	Bright	39.000	107	37The Aur	2.6490	11000.	78	25257	No
171	GOM_NL__2PRFIN20061229_133534_000000412054_00153_25257_2174.N1	29-DEC-2006 13:35:34	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	25257	No
172	GOM_NL__2PRFIN20061229_134740_000000522054_00153_25257_2175.N1	29-DEC-2006 13:47:40	Bright	52.000	49	1Alp UMi	1.9900	6300.0	104	25257	No
173	GOM_NL__2PRFIN20061229_135212_000000342054_00153_25257_2176.N1	29-DEC-2006 13:52:12	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	25257	No
174	GOM_NL__2PRFIN20061229_135557_000000352054_00153_25257_2177.N1	29-DEC-2006 13:55:57	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	25257	No
175	GOM_NL__2PRFIN20061229_140616_000000352054_00153_25257_2178.N1	29-DEC-2006 14:06:16	Bright	35.000	67	5Alp CrB	2.2210	11000.	70	25257	No
176	GOM_NL__2PRFIN20061229_141157_000000342054_00153_25257_2179.N1	29-DEC-2006 14:11:57	Bright	33.500	102	24Alp Ser	2.6000	4250.0	67	25257	No
177	GOM_NL__2PRFIN20061229_141655_000000362054_00153_25257_2180.N1	29-DEC-2006 14:16:55	Bright	36.000	104	27Bet Lib	2.6140	13100.	72	25257	No
178	GOM_NL__2PRFIN20061229_141929_000000452054_00153_25257_2181.N1	29-DEC-2006 14:19:29	Tw_i_and_stray	44.500	122	9Alp2Lib	2.7470	9700.0	89	25257	No
179	GOM_NL__2PRFIN20061229_142618_000000462054_00153_25257_2182.N1	29-DEC-2006 14:26:18	Dark	45.500	54	5The Cen	2.0550	4500.0	91	25257	No
180	GOM_NL__2PRFIN20061229_142745_000000392054_00153_25257_2183.N1	29-DEC-2006 14:27:45	Dark	38.500	78	Alp Lup	2.3040	28000.	77	25257	No
181	GOM_NL__2PRFIN20061229_142907_000000402054_00153_25257_2184.N1	29-DEC-2006 14:29:07	Dark	40.000	95	Zet Cen	2.5450	26000.	80	25257	No
182	GOM_NL__2PRFIN20061229_143138_000000452054_00154_25258_2166.N1	29-DEC-2006 14:31:38	Dark	44.500	10	Bet Cen	0.61000	28000.	89	25258	No
183	GOM_NL__2PRFIN20061229_143444_000000402054_00154_25258_2167.N1	29-DEC-2006 14:34:44	Dark	39.500	12	Alp1Cru	0.77500	30000.	79	25258	No
184	GOM_NL__2PRFIN20061229_143804_000000402054_00154_25258_2168.N1	29-DEC-2006 14:38:04	Dark	39.500	124	The Car	2.7640	30000.	79	25258	No
185	GOM_NL__2PRFIN20061229_144007_000000382054_00154_25258_2169.N1	29-DEC-2006 14:40:07	Dark	38.000	29	Bet Car	1.6720	10200.	76	25258	No
186	GOM_NL__2PRFIN20061229_144123_000000442054_00154_25258_2170.N1	29-DEC-2006 14:41:23	Dark	43.500	71	lot Car	2.2460	7700.0	87	25258	No
187	GOM_NL__2PRFIN20061229_144722_000000512054_00154_25258_2171.N1	29-DEC-2006 14:47:22	Dark	50.500	2	Alp Car	-0.73600	7000.0	101	25258	No
188	GOM_NL__2PRFIN20061229_145032_000000492054_00154_25258_2172.N1	29-DEC-2006 14:50:32	Dark	49.000	117	Pi Pup	2.7060	3800.0	98	25258	No
189	GOM_NL__2PRFIN20061229_145324_000000432054_00154_25258_2173.N1	29-DEC-2006 14:53:24	Straylight	42.500	23	21Eps CMa	1.5020	26000.	85	25258	No
190	GOM_NL__2PRFIN20061229_145717_000000442054_00154_25258_2174.N1	29-DEC-2006 14:57:17	Straylight	43.500	47	2Bet CMa	1.9760	28000.	87	25258	No
191	GOM_NL__2PRFIN20061229_150038_000000472054_00154_25258_2175.N1	29-DEC-2006 15:00:38	Straylight	46.500	7	19Bet Ori	0.10000	14000.	93	25258	No
192	GOM_NL__2PRFIN20061229_150233_000000412054_00154_25258_2176.N1	29-DEC-2006 15:02:33	Straylight	41.000	30	46Eps Ori	1.6940	30000.	82	25258	No
193	GOM_NL__2PRFIN20061229_150509_000000542054_00154_25258_2177.N1	29-DEC-2006 15:05:09	Tw_i_and_stray	53.500	14	58Alp Ori	0.87000	3000.0	107	25258	No
194	GOM_NL__2PRFIN20061229_150749_000000522054_00154_25258_2178.N1	29-DEC-2006 15:07:49	Bright	52.000	13	87Alp Tau	0.86700	3800.0	104	25258	No
195	GOM_NL__2PRFIN20061229_150909_000000422054_00154_25258_2179.N1	29-DEC-2006 15:09:09	Bright	41.500	176	23Zet Tau	3.0200	22000.	83	25258	No
196	GOM_NL__2PRFIN20061229_151114_000000392054_00154_25258_2180.N1	29-DEC-2006 15:11:14	Bright	38.500	28	12Bet Tau	1.6500	15200.	77	25258	No
197	GOM_NL__2PRFIN20061229_151411_000000392054_00154_25258_2181.N1	29-DEC-2006 15:14:11	Bright	38.500	107	37The Aur	2.6490	11000.	77	25258	No
198	GOM_NL__2PRFIN20061229_151610_000000422054_00154_25258_2182.N1	29-DEC-2006 15:16:10	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	25258	No
199	GOM_NL__2PRFIN20061229_152816_000000352054_00154_25258_2183.N1	29-DEC-2006 15:28:16	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	25258	No
200	GOM_NL__2PRFIN20061229_153248_000000372054_00154_25258_2184.N1	29-DEC-2006 15:32:48	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	25258	No
201	GOM_NL__2PRFIN20061229_153633_000000362054_00154_25258_2185.N1	29-DEC-2006 15:36:33	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	25258	No
202	GOM_NL__2PRFIN20061229_154653_000000362054_00154_25258_2186.N1	29-DEC-2006 15:46:53	Bright	35.500	67	5Alp CrB	2.2210	11000.	71	25258	No
203	GOM_NL__2PRFIN20061229_155233_000000352054_00154_25258_2187.N1	29-DEC-2006 15:52:33	Bright	34.500	102	24Alp Ser	2.6000	4250.0	69	25258	No
204	GOM_NL__2PRFIN20061229_155731_000000372054_00154_25258_2188.N1	29-DEC-2006 15:57:31	Bright	37.000	104	27Bet Lib	2.6140	13100.	74	25258	No
205	GOM_NL__2PRFIN20061229_160006_000000432054_00154_25258_2189.N1	29-DEC-2006 16:00:06	Tw_i_and_stray	43.000	122	9Alp2Lib	2.7470	9700.0	86	25258	No
206	GOM_NL__2PRFIN20061229_160654_000000472054_00154_25258_2190.N1	29-DEC-2006 16:06:54	Dark	46.500	54	5The Cen	2.0550	4500.0	93	25258	No
207	GOM_NL__2PRFIN20061229_160821_000000382054_00154_25258_2191.N1	29-DEC-2006 16:08:21	Dark	37.500	78	Alp Lup	2.3040	28000.	75	25258	No
208	GOM_NL__2PRFIN20061229_160944_000000402054_00154_25258_2192.N1	29-DEC-2006 16:09:44	Dark	40.000	95	Zet Cen	2.5450	26000.	80	25258	No
209	GOM_NL__2PRFIN20061229_161214_000000472054_00155_25259_2183.N1	29-DEC-2006 16:12:14	Dark	47.000	10	Bet Cen	0.61000	28000.	94	25259	No
210	GOM_NL__2PRFIN20061229_161520_000000402054_00155_25259_2184.N1	29-DEC-2006 16:15:20	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	25259	No
211	GOM_NL__2PRFIN20061229_161841_000000392054_00155_25259_2185.N1	29-DEC-2006 16:18:41	Dark	39.000	124	The Car	2.7640	30000.	78	25259	No
212	GOM_NL__2PRFIN20061229_162043_000000392054_00155_25259_2186.N1	29-DEC-2006 16:20:43	Dark	38.500	29	Bet Car	1.6720	10200.	77	25259	No
213	GOM_NL__2PRFIN20061229_162200_000000422054_00155_25259_2187.N1	29-DEC-2006 16:22:00	Dark	41.500	71	lot Car	2.2460	7700.0	83	25259	No
214	GOM_NL__2PRFIN20061229_162758_000000502054_00155_25259_2188.N1	29-DEC-2006 16:27:58	Dark	49.500	2	Alp Car	-0.73600	7000.0	99	25259	No
215	GOM_NL__2PRFIN20061229_163108_000000482054_00155_25259_2189.N1	29-DEC-2006 16:31:08	Dark	48.000	117	Pi Pup	2.7060	3800.0	96	25259	No
216	GOM_NL__2PRFIN20061229_163400_000000432054_00155_25259_2190.N1	29-DEC-2006 16:34:00	Straylight	43.000	23	21Eps CMa	1.5020	26000.	86	25259	No
217	GOM_NL__2PRFIN20061229_163753_000000462054_00155_25259_2191.N1	29-DEC-2006 16:37:53	Straylight	45.500	47	2Bet CMa	1.9760	28000.	91	25259	No
218	GOM_NL__2PRFIN20061229_164115_000000512054_00155_25259_2192.N1	29-DEC-2006 16:41:15	Straylight	50.500	7	19Bet Ori	0.10000	14000.	101	25259	No
219	GOM_NL__2PRFIN20061229_164309_000000442054_00155_25259_2193.N1	29-DEC-2006 16:43:09	Straylight	43.500	30	46Eps Ori	1.6940	30000.	87	25259	No

220	GOM_NL__2PRFIN20061229_164545_000000562054_00155_25259_2194.N1	29-DEC-2006 16:45:45	Twilight	56.000	14	58Alp Ori	0.87000	3000.0	112	25259	No
221	GOM_NL__2PRFIN20061229_164825_000000522054_00155_25259_2195.N1	29-DEC-2006 16:48:25	Bright	52.000	13	87Alp Tau	0.86700	3800.0	104	25259	No
222	GOM_NL__2PRFIN20061229_164945_000000442054_00155_25259_2196.N1	29-DEC-2006 16:49:45	Bright	43.500	176	23Zet Tau	3.0200	22000.	87	25259	No
223	GOM_NL__2PRFIN20061229_165150_000000402054_00155_25259_2197.N1	29-DEC-2006 16:51:50	Bright	39.500	28	12Bet Tau	1.6500	15200.	79	25259	No
224	GOM_NL__2PRFIN20061229_165447_000000402054_00155_25259_2198.N1	29-DEC-2006 16:54:47	Bright	39.500	107	37The Aur	2.6490	11000.	79	25259	No
225	GOM_NL__2PRFIN20061229_165646_000000412054_00155_25259_2199.N1	29-DEC-2006 16:56:46	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	25259	No
226	GOM_NL__2PRFIN20061229_170852_000000362054_00155_25259_2200.N1	29-DEC-2006 17:08:52	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	25259	No
227	GOM_NL__2PRFIN20061229_171324_000000382054_00155_25259_2201.N1	29-DEC-2006 17:13:24	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	25259	No
228	GOM_NL__2PRFIN20061229_171709_000000372054_00155_25259_2202.N1	29-DEC-2006 17:17:09	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	25259	No
229	GOM_NL__2PRFIN20061229_172729_000000362054_00155_25259_2203.N1	29-DEC-2006 17:27:29	Bright	35.500	67	5Alp CrB	2.2210	11000.	71	25259	No
230	GOM_NL__2PRFIN20061229_173309_000000362054_00155_25259_2204.N1	29-DEC-2006 17:33:09	Bright	36.000	102	24Alp Ser	2.6000	4250.0	72	25259	No
231	GOM_NL__2PRFIN20061229_173808_000000372054_00155_25259_2205.N1	29-DEC-2006 17:38:08	Bright	36.500	104	27Bet Lib	2.6140	13100.	73	25259	No
232	GOM_NL__2PRFIN20061229_174042_000000452054_00155_25259_2206.N1	29-DEC-2006 17:40:42	Twilight	44.500	122	9Alp2Lib	2.7470	9700.0	89	25259	No
233	GOM_NL__2PRFIN20061229_174731_000000472054_00155_25259_2207.N1	29-DEC-2006 17:47:31	Dark	47.000	54	5The Cen	2.0550	4500.0	94	25259	No
234	GOM_NL__2PRFIN20061229_174857_000000392054_00155_25259_2208.N1	29-DEC-2006 17:48:57	Dark	38.500	78	Alp Lup	2.3040	28000.	77	25259	No
235	GOM_NL__2PRFIN20061229_175020_000000412054_00155_25259_2209.N1	29-DEC-2006 17:50:20	Dark	40.500	95	Zet Cen	2.5450	26000.	81	25259	No
236	GOM_NL__2PRFIN20061229_175251_000000412054_00156_25260_2194.N1	29-DEC-2006 17:52:51	Dark	41.000	10	Bet Cen	0.61000	28000.	82	25260	No
237	GOM_NL__2PRFIN20061229_175557_000000412054_00156_25260_2195.N1	29-DEC-2006 17:55:57	Dark	41.000	12	Alp1Cru	0.77500	30000.	82	25260	No
238	GOM_NL__2PRFIN20061229_175917_000000402054_00156_25260_2196.N1	29-DEC-2006 17:59:17	Dark	39.500	124	The Car	2.7640	30000.	79	25260	No
239	GOM_NL__2PRFIN20061229_180120_000000392054_00156_25260_2197.N1	29-DEC-2006 18:01:20	Dark	39.000	29	Bet Car	1.6720	10200.	78	25260	No
240	GOM_NL__2PRFIN20061229_180236_000000412054_00156_25260_2198.N1	29-DEC-2006 18:02:36	Dark	41.000	71	lot Car	2.2460	7700.0	82	25260	No
241	GOM_NL__2PRFIN20061229_180834_000000522054_00156_25260_2199.N1	29-DEC-2006 18:08:34	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	25260	No
242	GOM_NL__2PRFIN20061229_181144_000000502054_00156_25260_2200.N1	29-DEC-2006 18:11:44	Dark	49.500	117	Pi Pup	2.7060	3800.0	99	25260	No
243	GOM_NL__2PRFIN20061229_181436_000000452054_00156_25260_2201.N1	29-DEC-2006 18:14:36	Straylight	45.000	23	21Eps CMa	1.5020	26000.	90	25260	No
244	GOM_NL__2PRFIN20061229_181830_000000442054_00156_25260_2202.N1	29-DEC-2006 18:18:30	Straylight	44.000	47	2Bet CMa	1.9760	28000.	88	25260	No
245	GOM_NL__2PRFIN20061229_182151_000000452054_00156_25260_2203.N1	29-DEC-2006 18:21:51	Straylight	45.000	7	19Bet Ori	0.10000	14000.	90	25260	No
246	GOM_NL__2PRFIN20061229_182345_000000422054_00156_25260_2204.N1	29-DEC-2006 18:23:45	Straylight	41.500	30	46Eps Ori	1.6940	30000.	83	25260	No
247	GOM_NL__2PRFIN20061229_182621_000000562054_00156_25260_2205.N1	29-DEC-2006 18:26:21	Twilight	56.000	14	58Alp Ori	0.87000	3000.0	112	25260	No
248	GOM_NL__2PRFIN20061229_182901_000000462054_00156_25260_2206.N1	29-DEC-2006 18:29:01	Bright	46.000	13	87Alp Tau	0.86700	3800.0	92	25260	No
249	GOM_NL__2PRFIN20061229_183020_000000422054_00156_25260_2207.N1	29-DEC-2006 18:30:20	Bright	42.000	176	23Zet Tau	3.0200	22000.	84	25260	No
250	GOM_NL__2PRFIN20061229_183226_000000392054_00156_25260_2208.N1	29-DEC-2006 18:32:26	Bright	39.000	28	12Bet Tau	1.6500	15200.	78	25260	No
251	GOM_NL__2PRFIN20061229_183522_000000392054_00156_25260_2209.N1	29-DEC-2006 18:35:22	Bright	39.000	107	37The Aur	2.6490	11000.	78	25260	No
252	GOM_NL__2PRFIN20061229_183722_000000402054_00156_25260_2210.N1	29-DEC-2006 18:37:22	Bright	39.500	6	13Alp Aur	0.080000	3400.0	79	25260	No
253	GOM_NL__2PRFIN20061229_184928_000000362054_00156_25260_2211.N1	29-DEC-2006 18:49:28	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	25260	No
254	GOM_NL__2PRFIN20061229_185359_000000362054_00156_25260_2212.N1	29-DEC-2006 18:53:59	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	25260	No
255	GOM_NL__2PRFIN20061229_185745_000000332054_00156_25260_2213.N1	29-DEC-2006 18:57:45	Bright	33.000	119	14Eta Dra	2.7270	4700.0	66	25260	No
256	GOM_NL__2PRFIN20061229_190805_000000362054_00156_25260_2214.N1	29-DEC-2006 19:08:05	Bright	36.000	67	5Alp CrB	2.2210	11000.	72	25260	No
257	GOM_NL__2PRFIN20061229_191345_000000352054_00156_25260_2215.N1	29-DEC-2006 19:13:45	Bright	34.500	102	24Alp Ser	2.6000	4250.0	69	25260	No
258	GOM_NL__2PRFIN20061229_191844_000000372054_00156_25260_2216.N1	29-DEC-2006 19:18:44	Bright	36.500	104	27Bet Lib	2.6140	13100.	73	25260	No
259	GOM_NL__2PRFIN20061229_192119_000000432054_00156_25260_2217.N1	29-DEC-2006 19:21:19	Twilight	43.000	122	9Alp2Lib	2.7470	9700.0	86	25260	No
260	GOM_NL__2PRFIN20061229_192808_000000452054_00156_25260_2218.N1	29-DEC-2006 19:28:08	Dark	45.000	54	5The Cen	2.0550	4500.0	90	25260	No
261	GOM_NL__2PRFIN20061229_192934_000000402054_00156_25260_2219.N1	29-DEC-2006 19:29:34	Dark	39.500	78	Alp Lup	2.3040	28000.	79	25260	No
262	GOM_NL__2PRFIN20061229_193057_000000382054_00156_25260_2220.N1	29-DEC-2006 19:30:57	Dark	38.000	95	Zet Cen	2.5450	26000.	76	25260	No
263	GOM_NL__2PRFIN20061229_193327_000000392054_00157_25261_2212.N1	29-DEC-2006 19:33:27	Dark	39.000	10	Bet Cen	0.61000	28000.	78	25261	No
264	GOM_NL__2PRFIN20061229_193633_000000402054_00157_25261_2213.N1	29-DEC-2006 19:36:33	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	25261	No
265	GOM_NL__2PRFIN20061229_193954_000000382054_00157_25261_2214.N1	29-DEC-2006 19:39:54	Dark	38.000	124	The Car	2.7640	30000.	76	25261	No
266	GOM_NL__2PRFIN20061229_194156_000000392054_00157_25261_2215.N1	29-DEC-2006 19:41:56	Dark	38.500	29	Bet Car	1.6720	10200.	77	25261	No
267	GOM_NL__2PRFIN20061229_194313_000000402054_00157_25261_2216.N1	29-DEC-2006 19:43:13	Dark	40.000	71	lot Car	2.2460	7700.0	80	25261	No
268	GOM_NL__2PRFIN20061229_194910_000000532054_00157_25261_2217.N1	29-DEC-2006 19:49:10	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	25261	No
269	GOM_NL__2PRFIN20061229_195221_000000502054_00157_25261_2218.N1	29-DEC-2006 19:52:21	Dark	49.500	117	Pi Pup	2.7060	3800.0	99	25261	No
270	GOM_NL__2PRFIN20061229_195512_000000482054_00157_25261_2219.N1	29-DEC-2006 19:55:12	Straylight	47.500	23	21Eps CMa	1.5020	26000.	95	25261	No
271	GOM_NL__2PRFIN20061229_195906_000000462054_00157_25261_2220.N1	29-DEC-2006 19:59:06	Straylight	45.500	47	2Bet CMa	1.9760	28000.	91	25261	No
272	GOM_NL__2PRFIN20061229_200227_000000452054_00157_25261_2221.N1	29-DEC-2006 20:02:27	Straylight	45.000	7	19Bet Ori	0.10000	14000.	90	25261	No
273	GOM_NL__2PRFIN20061229_200421_000000432054_00157_25261_2222.N1	29-DEC-2006 20:04:21	Straylight	42.500	30	46Eps Ori	1.6940	30000.	85	25261	No
274	GOM_NL__2PRFIN20061229_200657_000000562054_00157_25261_2223.N1	29-DEC-2006 20:06:57	Twilight	56.000	14	58Alp Ori	0.87000	3000.0	112	25261	No
275	GOM_NL__2PRFIN20061229_200938_000000522054_00157_25261_2224.N1	29-DEC-2006 20:09:38	Bright	51.500	13	87Alp Tau	0.86700	3800.0	103	25261	No
276	GOM_NL__2PRFIN20061229_201056_000000422054_00157_25261_2225.N1	29-DEC-2006 20:10:56	Bright	42.000	176	23Zet Tau	3.0200	22000.	84	25261	No
277	GOM_NL__2PRFIN20061229_201302_000000392054_00157_25261_2226.N1	29-DEC-2006 20:13:02	Bright	38.500	28	12Bet Tau	1.6500	15200.	77	25261	No
278	GOM_NL__2PRFIN20061229_201558_000000392054_00157_25261_2227.N1	29-DEC-2006 20:15:58	Bright	38.500	107	37The Aur	2.6490	11000.	77	25261	No

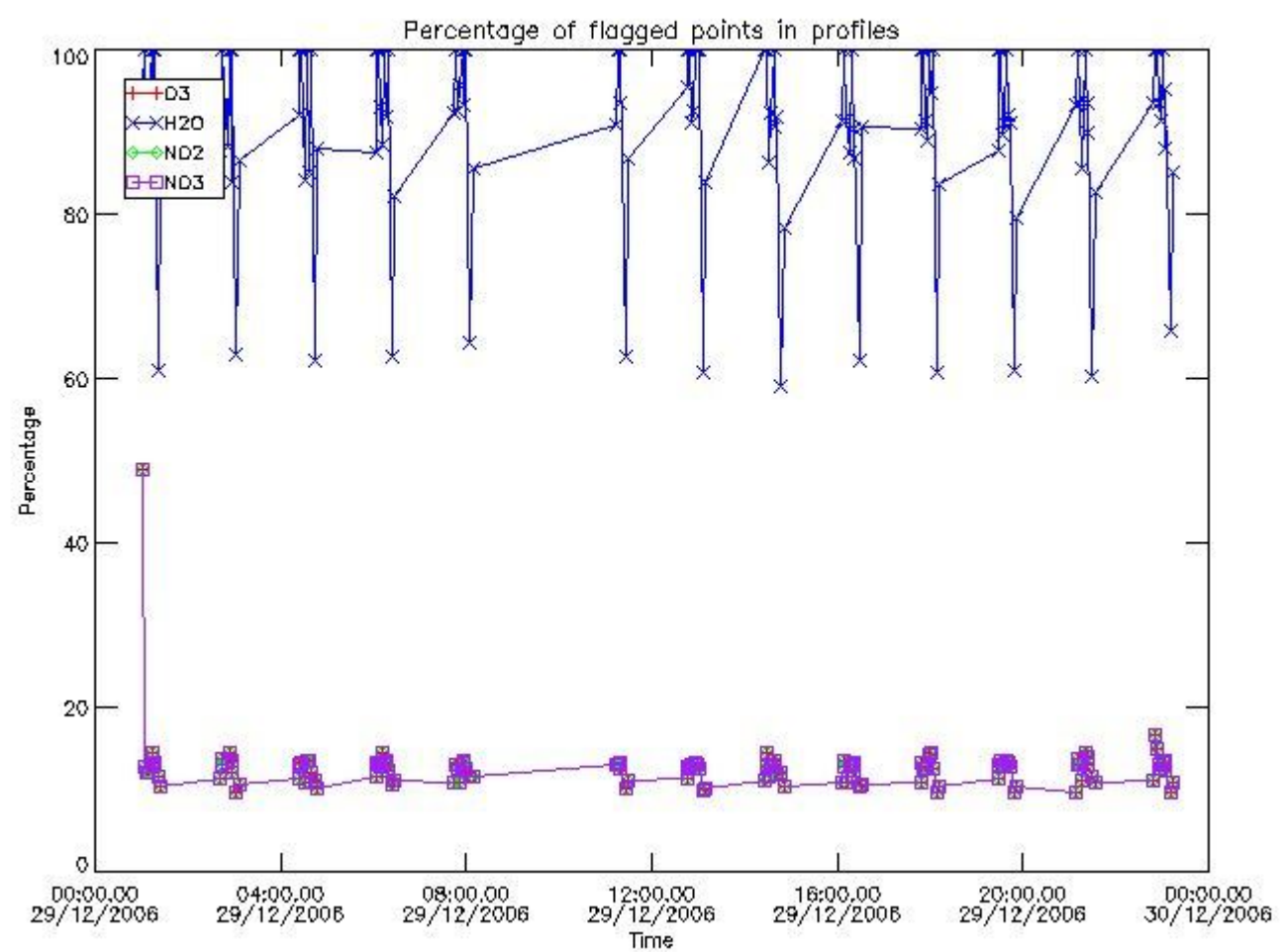
279	GOM_NL__2PRFIN20061229_201758_000000432054_00157_25261_2228.N1	29-DEC-2006 20:17:58	Bright	42.500	6	13Alp Aur	0.080000	3400.0	85	25261	No
280	GOM_NL__2PRFIN20061229_203004_000000372054_00157_25261_2229.N1	29-DEC-2006 20:30:04	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	25261	No
281	GOM_NL__2PRFIN20061229_203435_000000372054_00157_25261_2230.N1	29-DEC-2006 20:34:35	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	25261	No
282	GOM_NL__2PRFIN20061229_203821_000000432054_00157_25261_2231.N1	29-DEC-2006 20:38:21	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	25261	No
283	GOM_NL__2PRFIN20061229_204841_000000542054_00157_25261_2232.N1	29-DEC-2006 20:48:41	Bright	54.000	67	5Alp CrB	2.2210	11000.	108	25261	No
284	GOM_NL__2PRFIN20061229_205422_000000342054_00157_25261_2233.N1	29-DEC-2006 20:54:22	Bright	34.000	102	24Alp Ser	2.6000	4250.0	68	25261	No
285	GOM_NL__2PRFIN20061229_205920_000000552054_00157_25261_2234.N1	29-DEC-2006 20:59:20	Bright	55.000	104	27Bet Lib	2.6140	13100.	110	25261	No
286	GOM_NL__2PRFIN20061229_210155_000000442054_00157_25261_2235.N1	29-DEC-2006 21:01:55	Tw_i_and_stray	43.500	122	9Alp2Lib	2.7470	9700.0	87	25261	No
287	GOM_NL__2PRFIN20061229_210844_000000532054_00157_25261_2236.N1	29-DEC-2006 21:08:44	Dark	53.000	54	5The Cen	2.0550	4500.0	106	25261	No
288	GOM_NL__2PRFIN20061229_211010_000000372054_00157_25261_2237.N1	29-DEC-2006 21:10:10	Dark	37.000	78	Alp Lup	2.3040	28000.	74	25261	No
289	GOM_NL__2PRFIN20061229_211133_000000392054_00157_25261_2238.N1	29-DEC-2006 21:11:33	Dark	39.000	95	Zet Cen	2.5450	26000.	78	25261	No
290	GOM_NL__2PRFIN20061229_211403_000000402054_00158_25262_2228.N1	29-DEC-2006 21:14:03	Dark	39.500	10	Bet Cen	0.61000	28000.	79	25262	No
291	GOM_NL__2PRFIN20061229_211710_000000462054_00158_25262_2229.N1	29-DEC-2006 21:17:10	Dark	45.500	12	Alp1Cru	0.77500	30000.	91	25262	No
292	GOM_NL__2PRFIN20061229_212030_000000392054_00158_25262_2230.N1	29-DEC-2006 21:20:30	Dark	39.000	124	The Car	2.7640	30000.	78	25262	No
293	GOM_NL__2PRFIN20061229_212232_000000402054_00158_25262_2231.N1	29-DEC-2006 21:22:32	Dark	40.000	29	Bet Car	1.6720	10200.	80	25262	No
294	GOM_NL__2PRFIN20061229_212349_000000402054_00158_25262_2232.N1	29-DEC-2006 21:23:49	Dark	39.500	71	lot Car	2.2460	7700.0	79	25262	No
295	GOM_NL__2PRFIN20061229_212947_000000452054_00158_25262_2233.N1	29-DEC-2006 21:29:47	Dark	44.500	2	Alp Car	-0.73600	7000.0	89	25262	No
296	GOM_NL__2PRFIN20061229_213257_000000472054_00158_25262_2234.N1	29-DEC-2006 21:32:57	Dark	46.500	117	Pi Pup	2.7060	3800.0	93	25262	No
297	GOM_NL__2PRFIN20061229_213548_000000472054_00158_25262_2235.N1	29-DEC-2006 21:35:48	Straylight	47.000	23	21Eps CMa	1.5020	26000.	94	25262	No
298	GOM_NL__2PRFIN20061229_213942_000000422054_00158_25262_2236.N1	29-DEC-2006 21:39:42	Straylight	42.000	47	2Bet CMa	1.9760	28000.	84	25262	No
299	GOM_NL__2PRFIN20061229_214303_000000462054_00158_25262_2237.N1	29-DEC-2006 21:43:03	Straylight	46.000	7	19Bet Ori	0.10000	14000.	92	25262	No
300	GOM_NL__2PRFIN20061229_214457_000000452054_00158_25262_2238.N1	29-DEC-2006 21:44:57	Straylight	44.500	30	46Eps Ori	1.6940	30000.	89	25262	No
301	GOM_NL__2PRFIN20061229_214732_000000562054_00158_25262_2239.N1	29-DEC-2006 21:47:32	Tw_i_and_stray	56.000	14	58Alp Ori	0.87000	3000.0	112	25262	No
302	GOM_NL__2PRFIN20061229_215013_000000512054_00158_25262_2240.N1	29-DEC-2006 21:50:13	Bright	50.500	13	87Alp Tau	0.86700	3800.0	101	25262	No
303	GOM_NL__2PRFIN20061229_215132_000000412054_00158_25262_2241.N1	29-DEC-2006 21:51:32	Bright	40.500	176	23Zet Tau	3.0200	22000.	81	25262	No
304	GOM_NL__2PRFIN20061229_215338_000000372054_00158_25262_2242.N1	29-DEC-2006 21:53:38	Bright	37.000	28	12Bet Tau	1.6500	15200.	74	25262	No
305	GOM_NL__2PRFIN20061229_215634_000000392054_00158_25262_2243.N1	29-DEC-2006 21:56:34	Bright	39.000	107	37The Aur	2.6490	11000.	78	25262	No
306	GOM_NL__2PRFIN20061229_215833_000000402054_00158_25262_2244.N1	29-DEC-2006 21:58:33	Bright	40.000	6	13Alp Aur	0.080000	3400.0	80	25262	No
307	GOM_NL__2PRFIN20061229_221040_000000352054_00158_25262_2245.N1	29-DEC-2006 22:10:40	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	25262	No
308	GOM_NL__2PRFIN20061229_221511_000000372054_00158_25262_2246.N1	29-DEC-2006 22:15:11	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	25262	No
309	GOM_NL__2PRFIN20061229_221857_000000372054_00158_25262_2247.N1	29-DEC-2006 22:18:57	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	25262	No
310	GOM_NL__2PRFIN20061229_222917_000000352054_00158_25262_2248.N1	29-DEC-2006 22:29:17	Bright	35.000	67	5Alp CrB	2.2210	11000.	70	25262	No
311	GOM_NL__2PRFIN20061229_223458_000000352054_00158_25262_2249.N1	29-DEC-2006 22:34:58	Bright	35.000	102	24Alp Ser	2.6000	4250.0	70	25262	No
312	GOM_NL__2PRFIN20061229_223957_000000372054_00158_25262_2250.N1	29-DEC-2006 22:39:57	Bright	37.000	104	27Bet Lib	2.6140	13100.	74	25262	No
313	GOM_NL__2PRFIN20061229_224231_000000452054_00158_25262_2251.N1	29-DEC-2006 22:42:31	Tw_i_and_stray	45.000	122	9Alp2Lib	2.7470	9700.0	90	25262	No
314	GOM_NL__2PRFIN20061229_224921_000000462054_00158_25262_2252.N1	29-DEC-2006 22:49:21	Dark	46.000	54	5The Cen	2.0550	4500.0	92	25262	No
315	GOM_NL__2PRFIN20061229_225046_000000372054_00158_25262_2253.N1	29-DEC-2006 22:50:46	Dark	37.000	78	Alp Lup	2.3040	28000.	74	25262	No
316	GOM_NL__2PRFIN20061229_225210_000000412054_00158_25262_2254.N1	29-DEC-2006 22:52:10	Dark	41.000	95	Zet Cen	2.5450	26000.	82	25262	No
317	GOM_NL__2PRFIN20061229_225440_000000392054_00159_25263_2232.N1	29-DEC-2006 22:54:40	Dark	39.000	10	Bet Cen	0.61000	28000.	78	25263	No
318	GOM_NL__2PRFIN20061229_225746_000000412054_00159_25263_2233.N1	29-DEC-2006 22:57:46	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	25263	No
319	GOM_NL__2PRFIN20061229_230107_000000392054_00159_25263_2234.N1	29-DEC-2006 23:01:07	Dark	38.500	124	The Car	2.7640	30000.	77	25263	No
320	GOM_NL__2PRFIN20061229_230308_000000382054_00159_25263_2235.N1	29-DEC-2006 23:03:08	Dark	37.500	29	Bet Car	1.6720	10200.	75	25263	No
321	GOM_NL__2PRFIN20061229_230425_000000422054_00159_25263_2236.N1	29-DEC-2006 23:04:25	Dark	41.500	71	lot Car	2.2460	7700.0	83	25263	No
322	GOM_NL__2PRFIN20061229_231023_000000532054_00159_25263_2237.N1	29-DEC-2006 23:10:23	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	25263	No
323	GOM_NL__2PRFIN20061229_231333_000000482054_00159_25263_2238.N1	29-DEC-2006 23:13:33	Dark	47.500	117	Pi Pup	2.7060	3800.0	95	25263	No
324	GOM_NL__2PRFIN20061229_231624_000000492054_00159_25263_2239.N1	29-DEC-2006 23:16:24	Straylight	49.000	23	21Eps CMa	1.5020	26000.	98	25263	No
325	GOM_NL__2PRFIN20061229_232018_000000432054_00159_25263_2240.N1	29-DEC-2006 23:20:18	Straylight	43.000	47	2Bet CMa	1.9760	28000.	86	25263	No
326	GOM_NL__2PRFIN20061229_232338_000000462054_00159_25263_2241.N1	29-DEC-2006 23:23:38	Straylight	45.500	7	19Bet Ori	0.10000	14000.	91	25263	No
327	GOM_NL__2PRFIN20061229_232533_000000452054_00159_25263_2242.N1	29-DEC-2006 23:25:33	Straylight	45.000	30	46Eps Ori	1.6940	30000.	90	25263	No
328	GOM_NL__2PRFIN20061229_232808_000000532054_00159_25263_2243.N1	29-DEC-2006 23:28:08	Tw_i_and_stray	53.000	14	58Alp Ori	0.87000	3000.0	106	25263	No
329	GOM_NL__2PRFIN20061229_233050_000000412054_00159_25263_2244.N1	29-DEC-2006 23:30:50	Bright	41.000	13	87Alp Tau	0.86700	3800.0	82	25263	No
330	GOM_NL__2PRFIN20061229_233208_000000452054_00159_25263_2245.N1	29-DEC-2006 23:32:08	Bright	45.000	176	23Zet Tau	3.0200	22000.	90	25263	No
331	GOM_NL__2PRFIN20061229_233413_000000382054_00159_25263_2246.N1	29-DEC-2006 23:34:13	Bright	37.500	28	12Bet Tau	1.6500	15200.	75	25263	No
332	GOM_NL__2PRFIN20061229_233709_000000382054_00159_25263_2247.N1	29-DEC-2006 23:37:09	Bright	38.000	107	37The Aur	2.6490	11000.	76	25263	No
333	GOM_NL__2PRFIN20061229_233909_000000422054_00159_25263_2248.N1	29-DEC-2006 23:39:09	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	25263	No
334	GOM_NL__2PRFIN20061229_235116_000000322054_00159_25263_2249.N1	29-DEC-2006 23:51:16	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	25263	No
335	GOM_NL__2PRFIN20061229_235547_000000352054_00159_25263_2250.N1	29-DEC-2006 23:55:47	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	25263	No
336	GOM_NL__2PRFIN20061229_235933_000000362054_00159_25263_2251.N1	29-DEC-2006 23:59:33	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	25263	No



### 3. Quality information per product

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

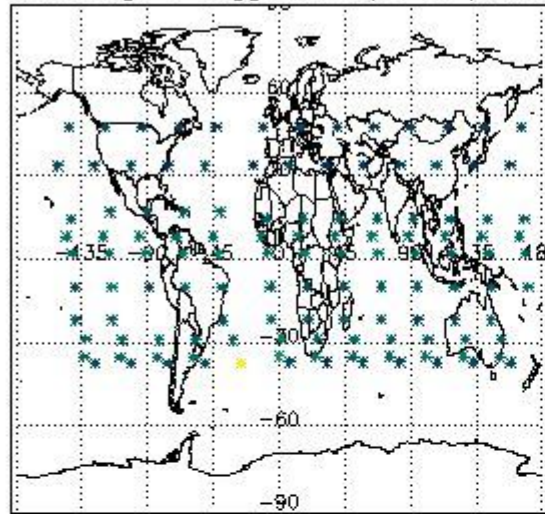
#### 3.1 Plot quality information per product (time dependant)



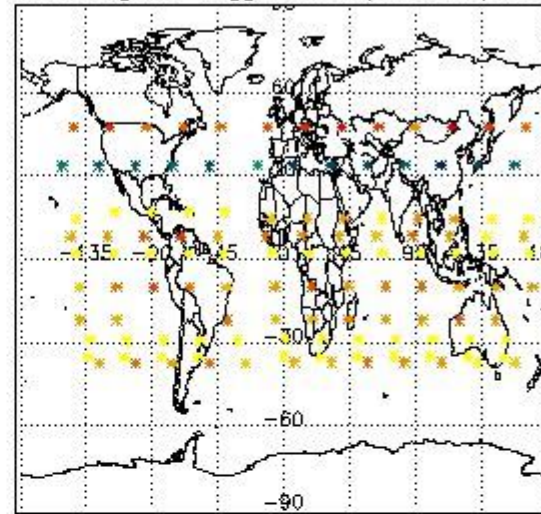
#### 3.2 Plot quality information per product (world map)



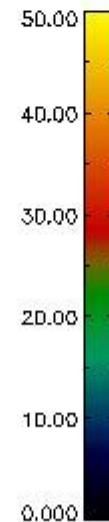
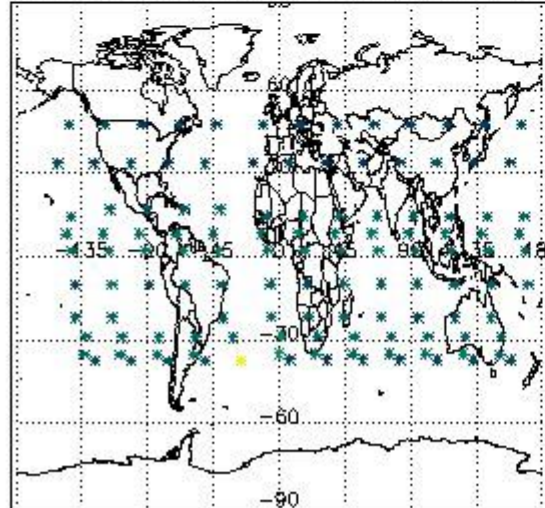
Percentage of flagged data per O3 profile



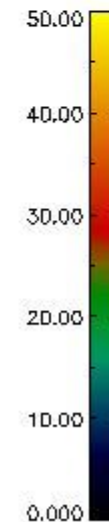
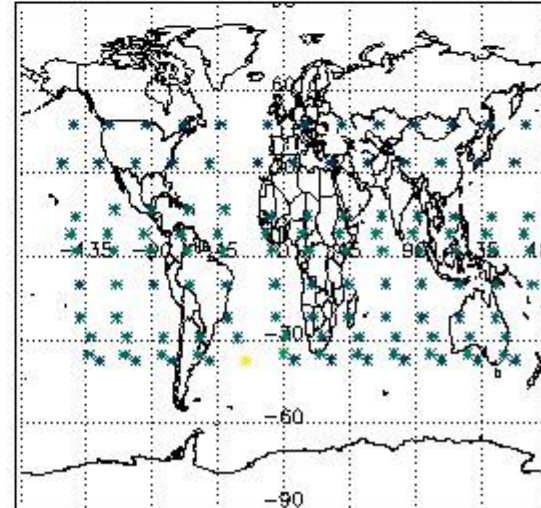
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

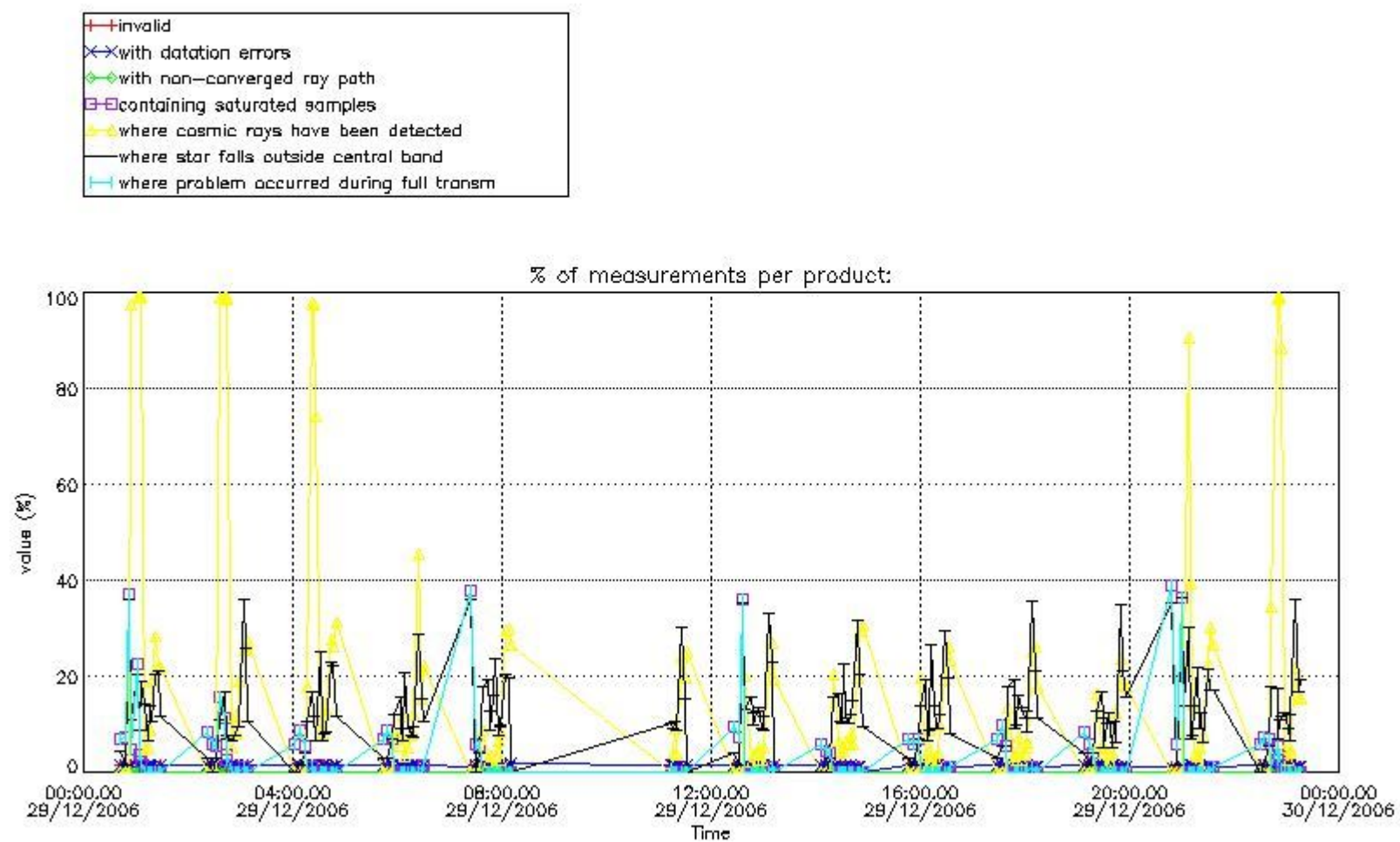


#### 4. Level 1 quality information per product

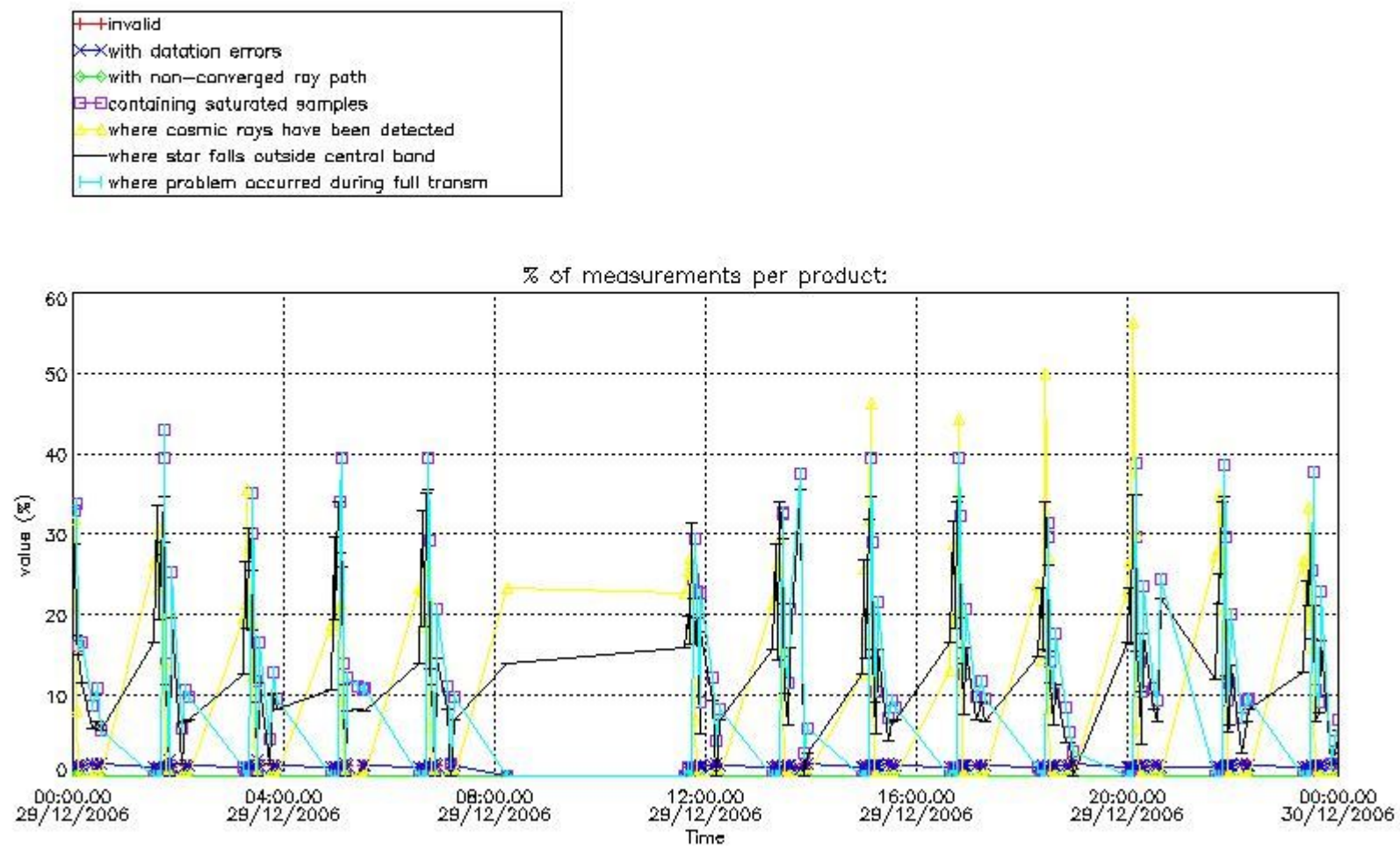
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



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

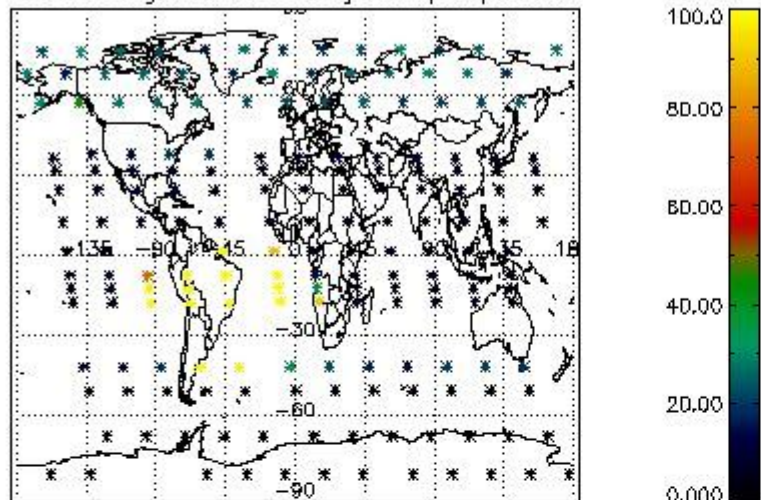


#### 4.2 Plot quality information per product coming from level 1b processing (world map)

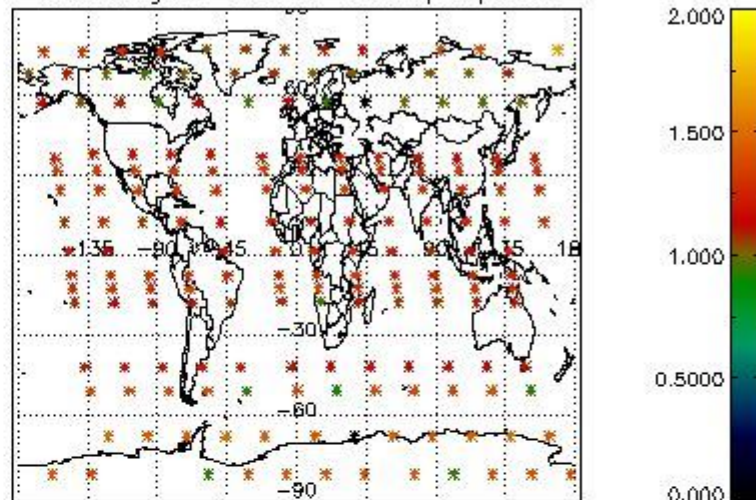
##### 4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes



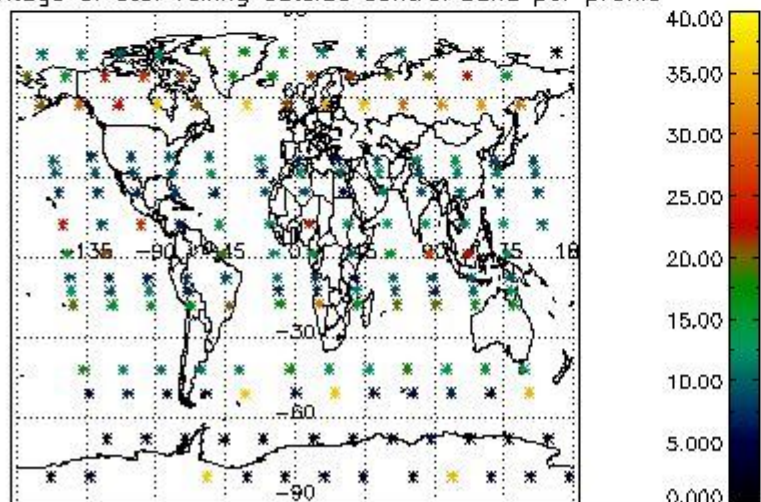
Percentage of cosmic ray hits per profile



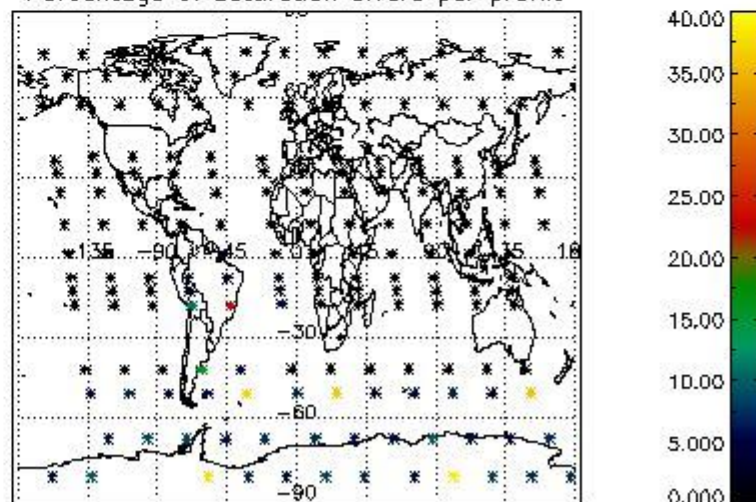
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

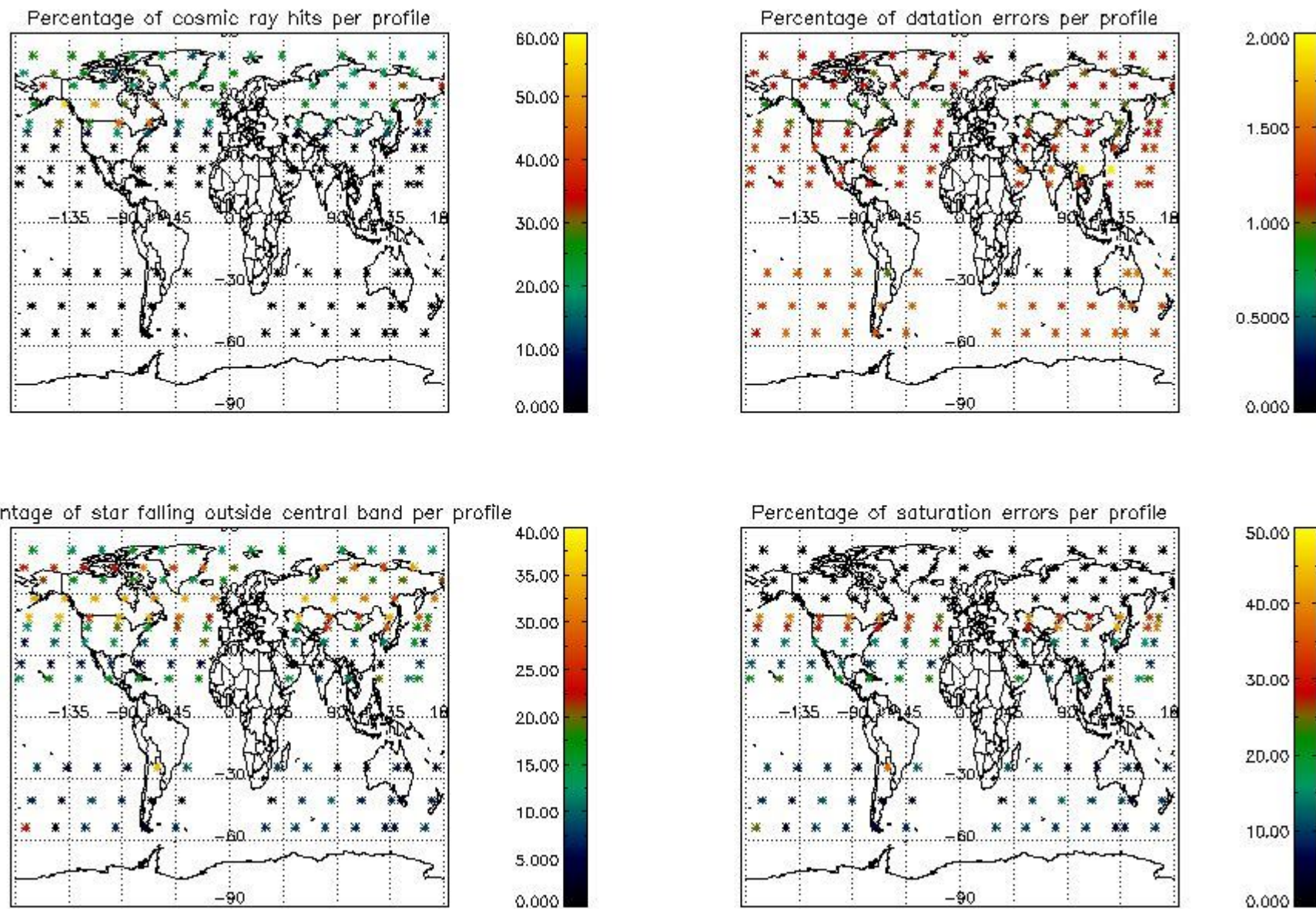


Percentage of saturation errors per profile



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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

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

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

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

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

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

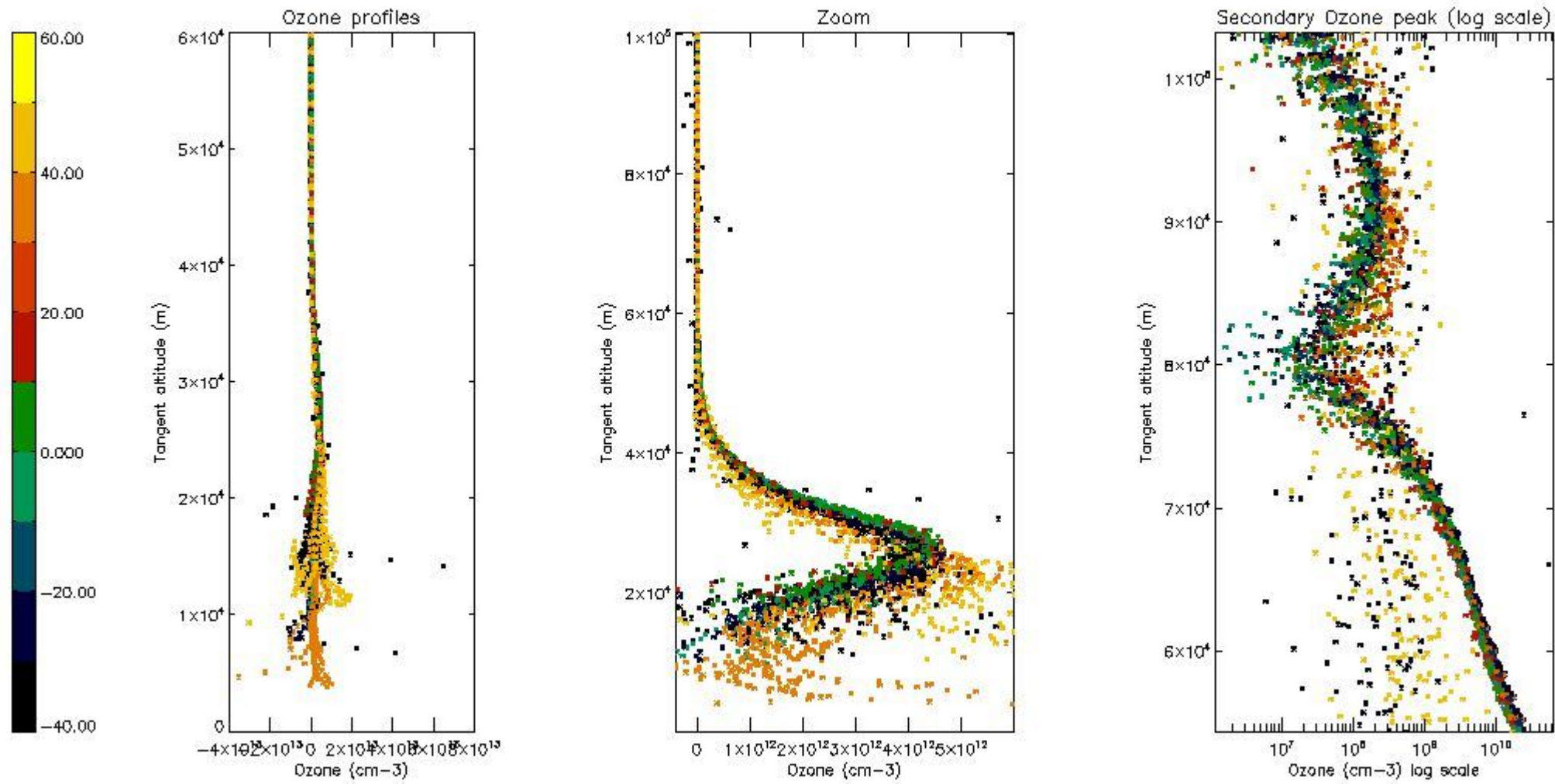
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	38
STD < 20	21

STD < 10	17
STD < 5	12

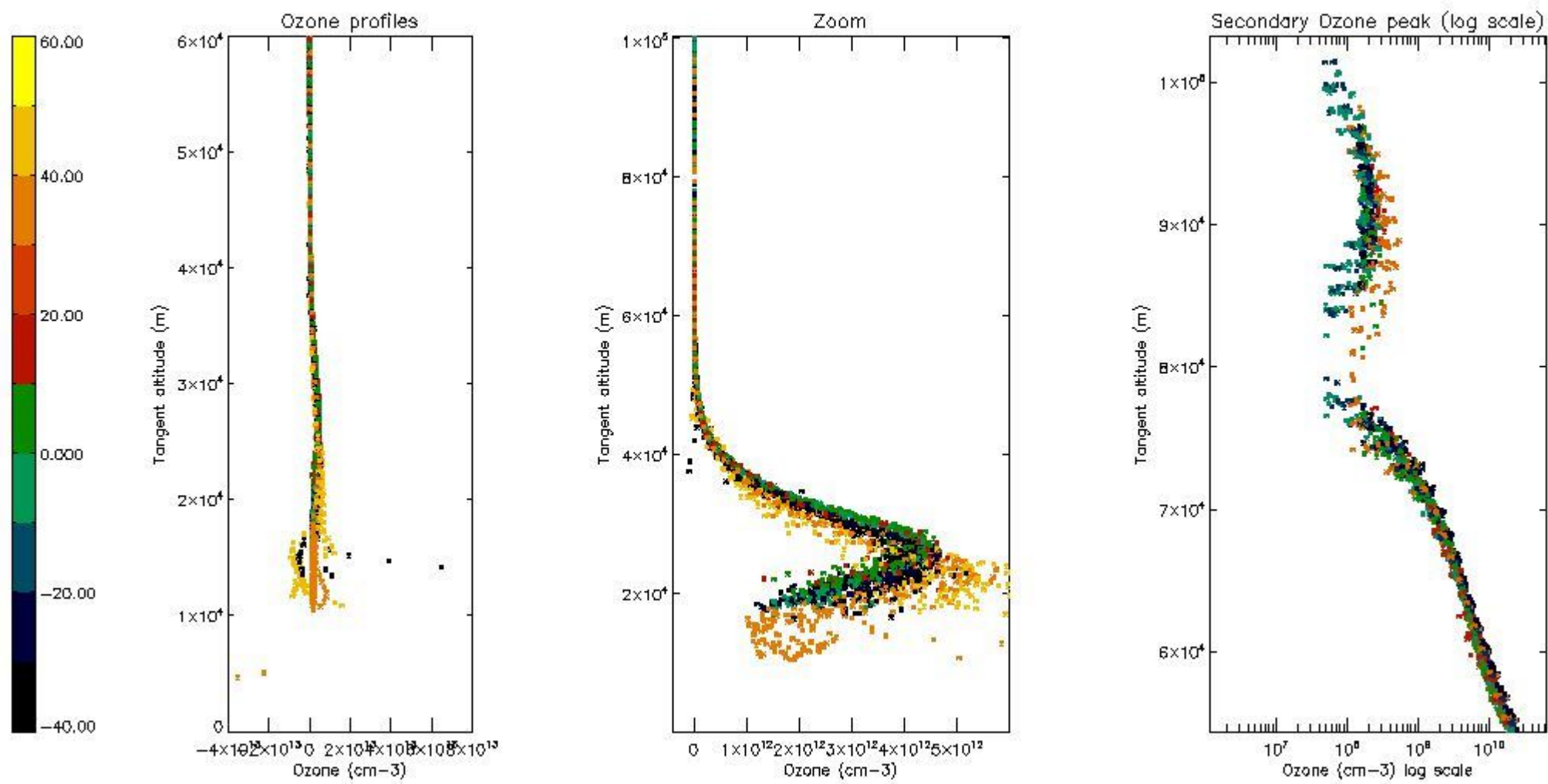
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

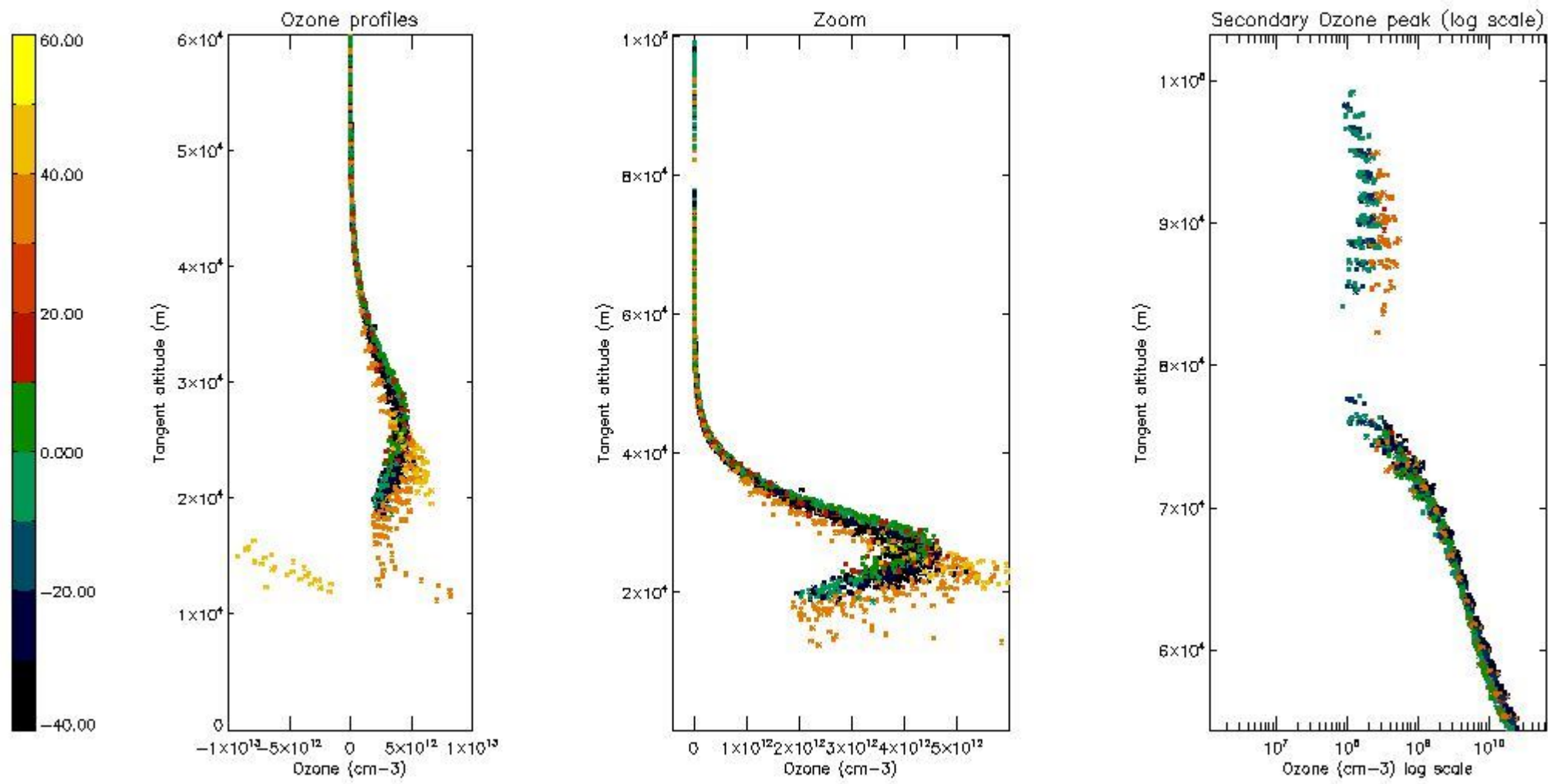
The colorbar represents the latitude.



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

The colorbar represents the latitude.

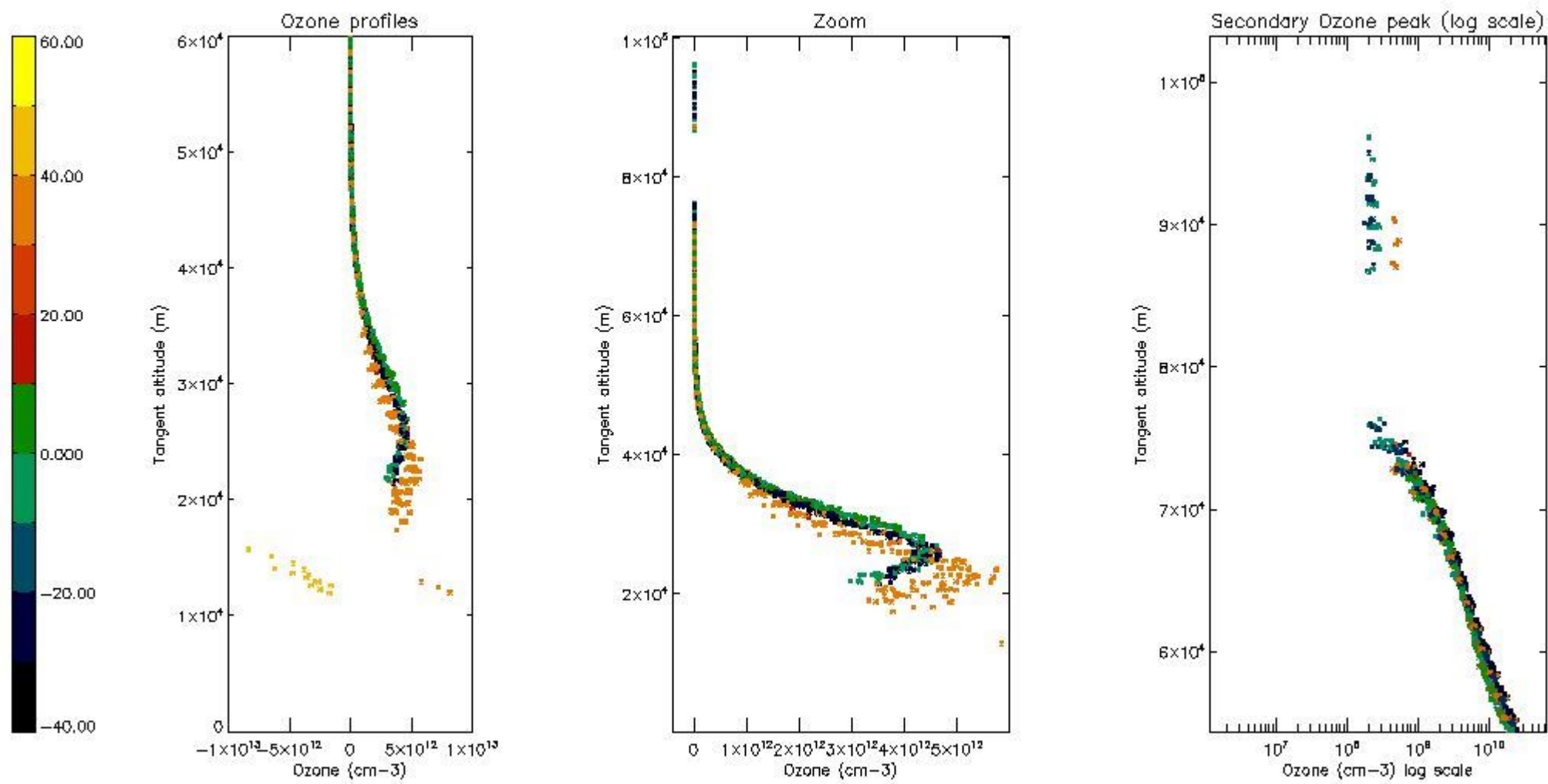




*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

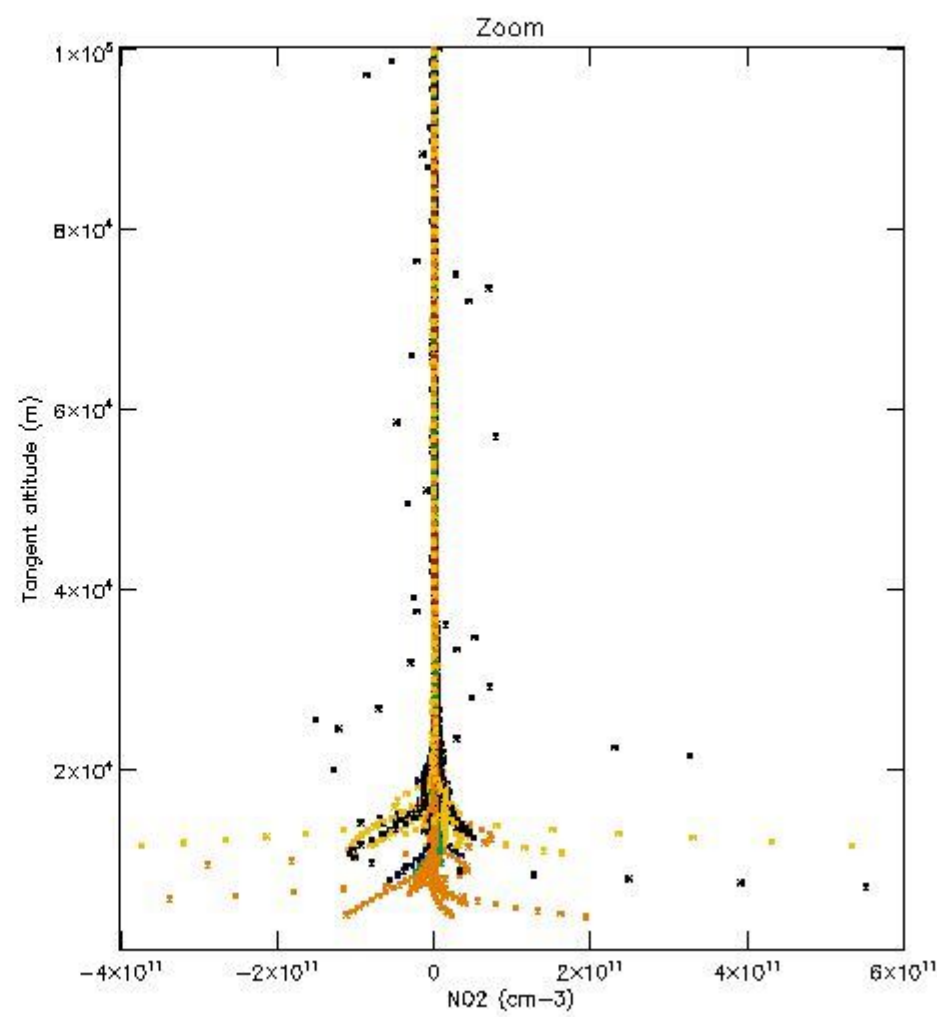
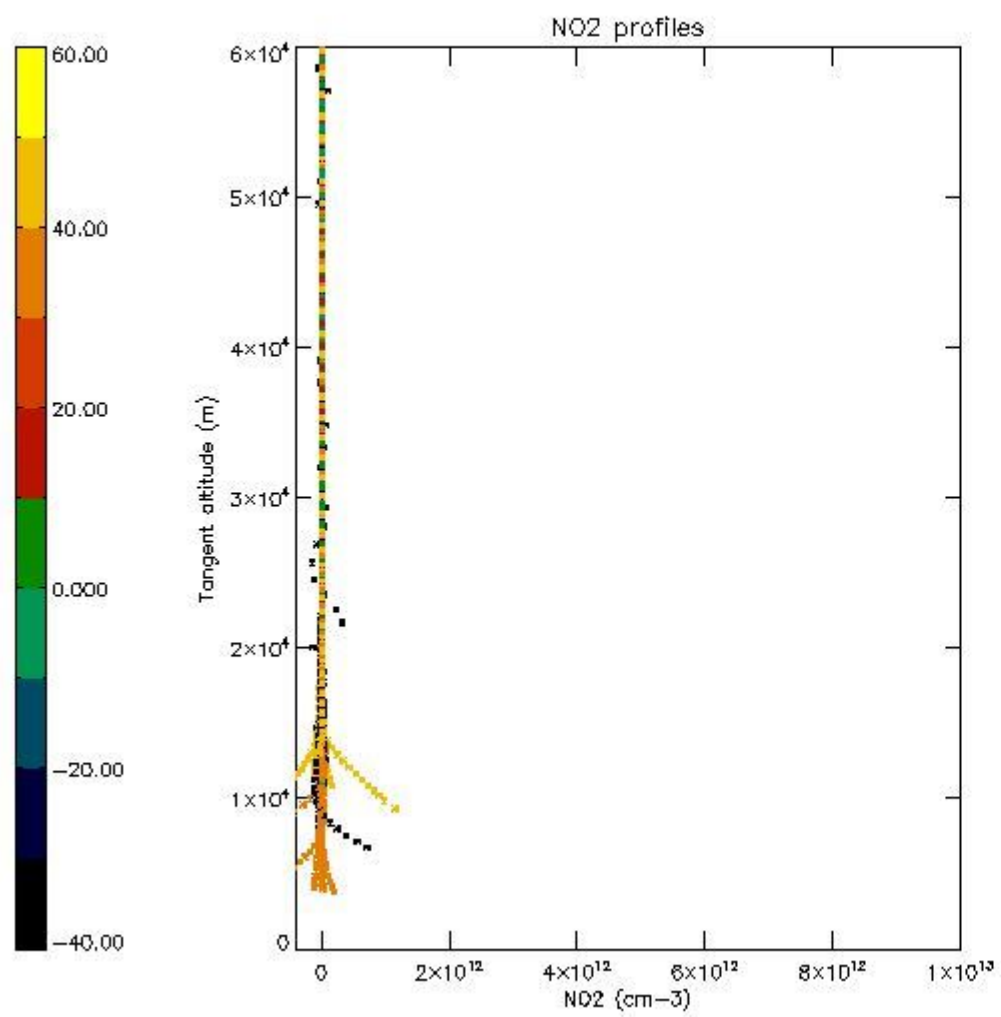
The colorbar represents the latitude.





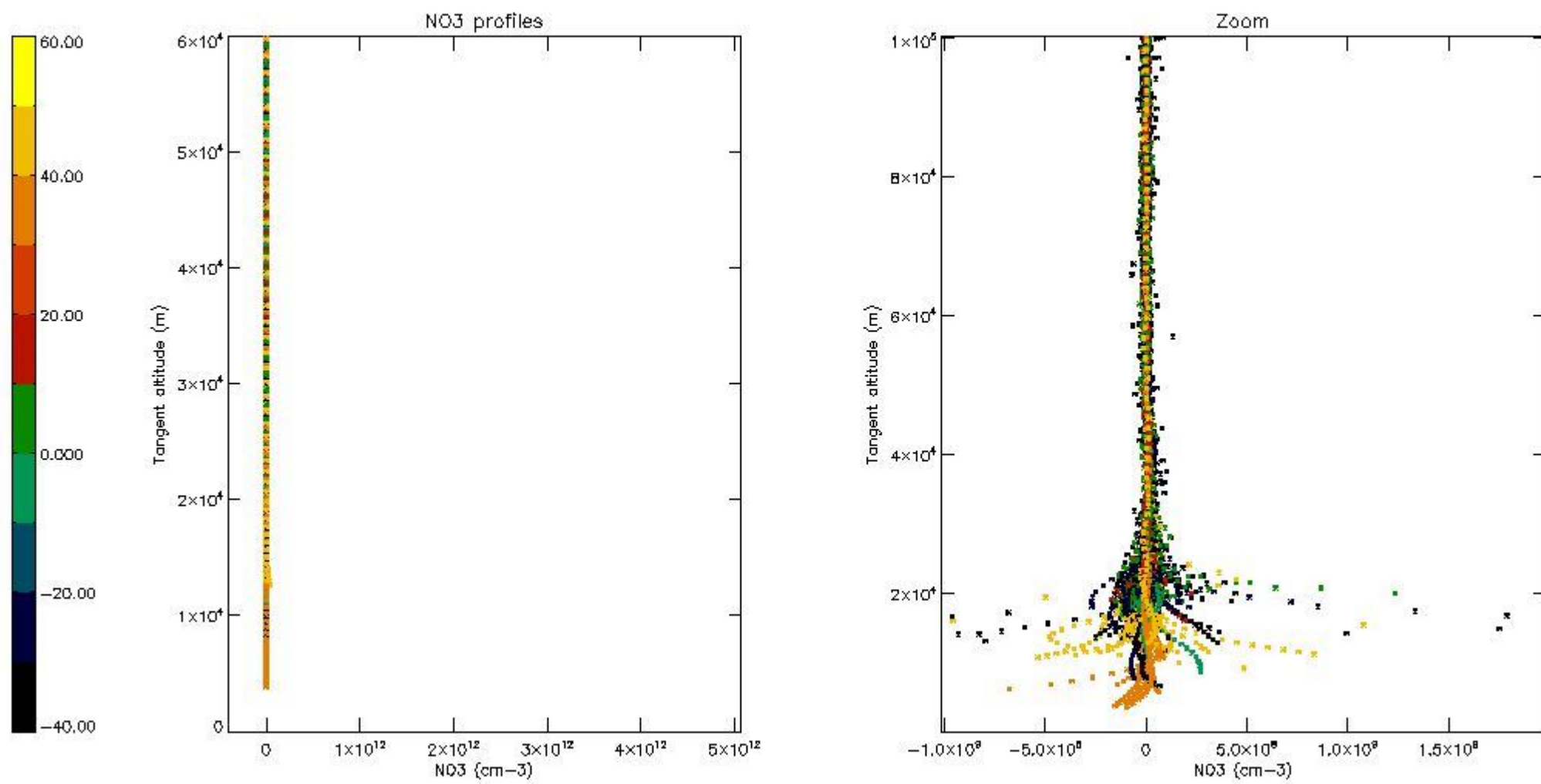
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



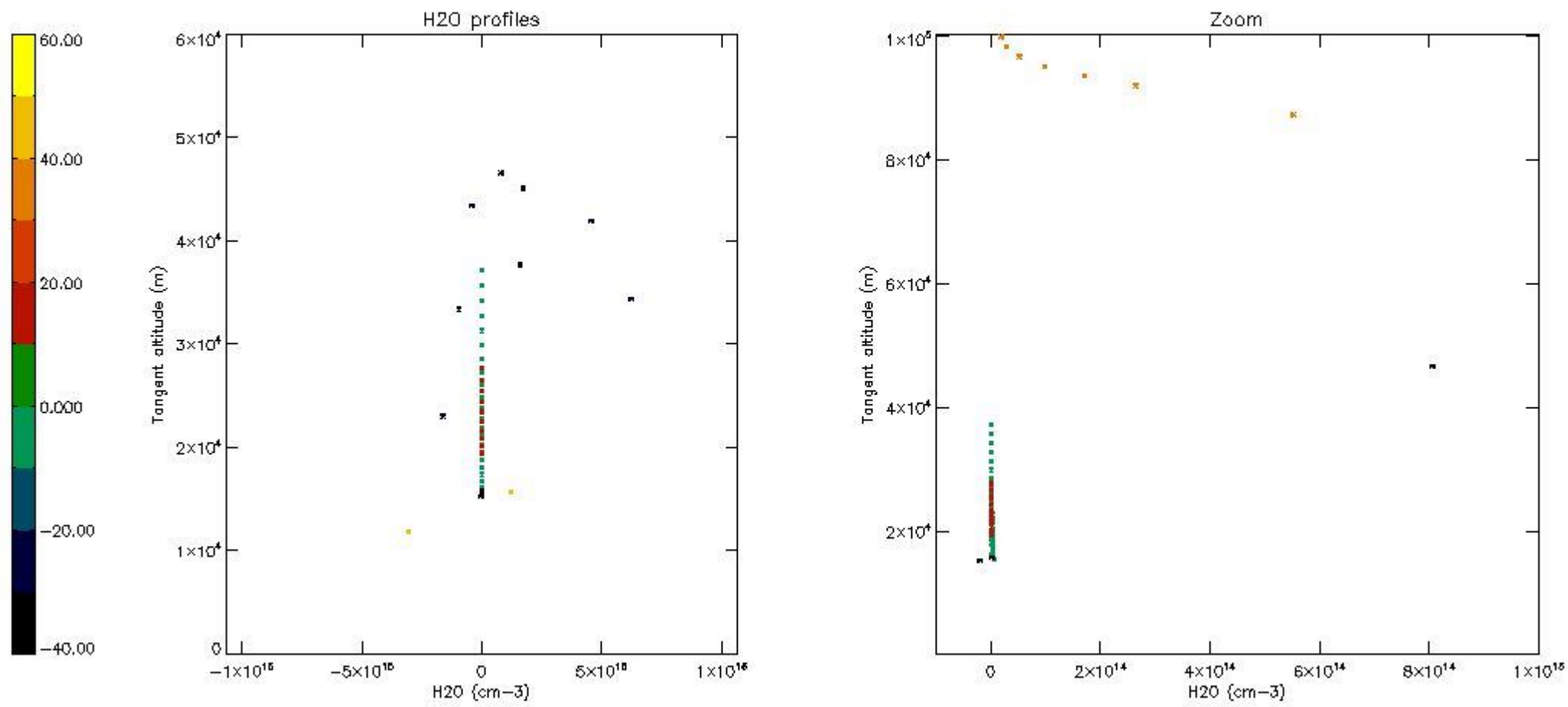
*5.7 Plot NO3 profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

The colorbar represents the latitude.

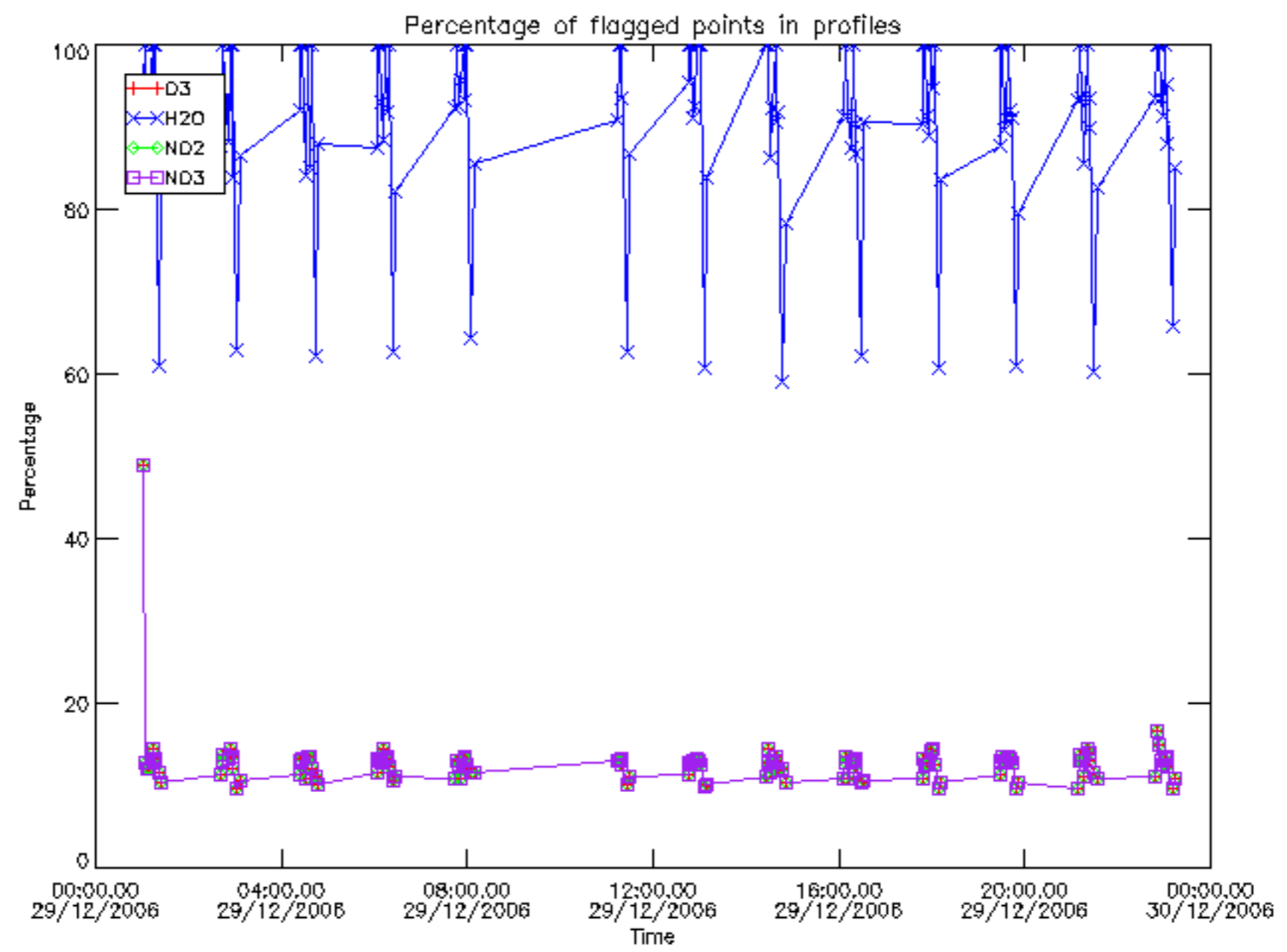


## 6. Auxiliary Data Files used for the production reported in section 2

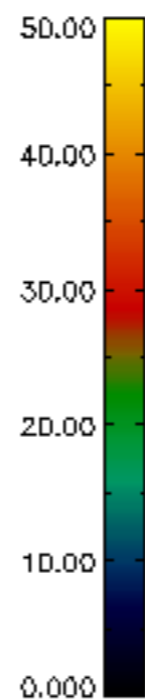
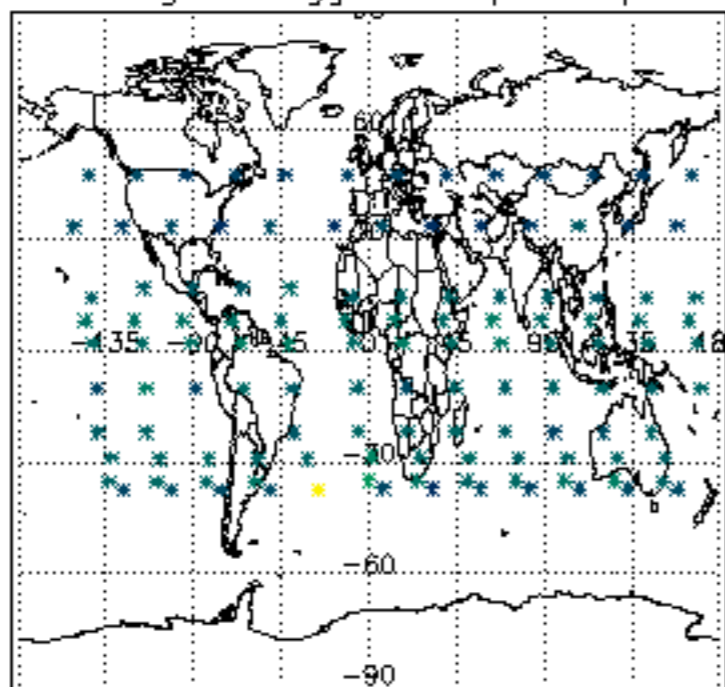
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	29-DEC-2006 00:02:25
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	29-DEC-2006 00:02:25
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	29-DEC-2006 00:02:25

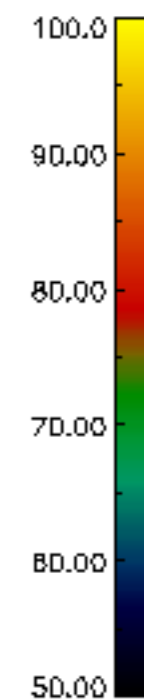
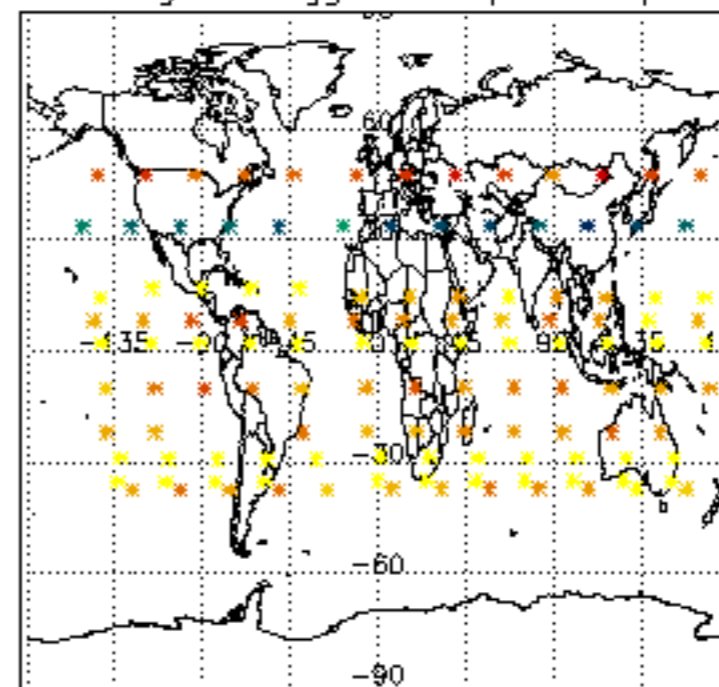




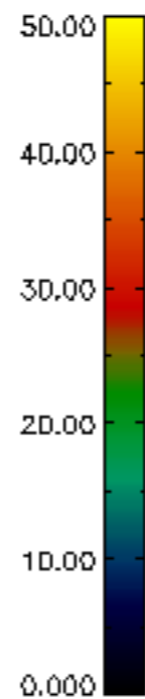
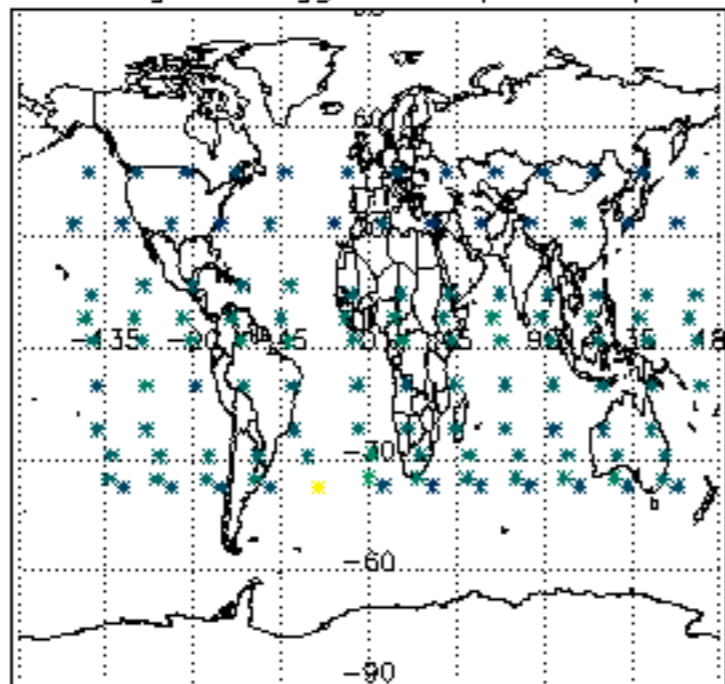
Percentage of flagged data per D3 profile



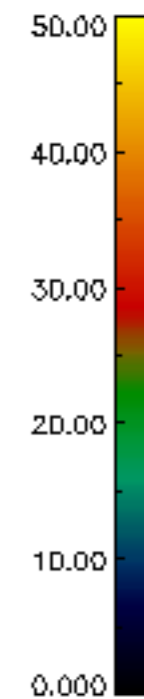
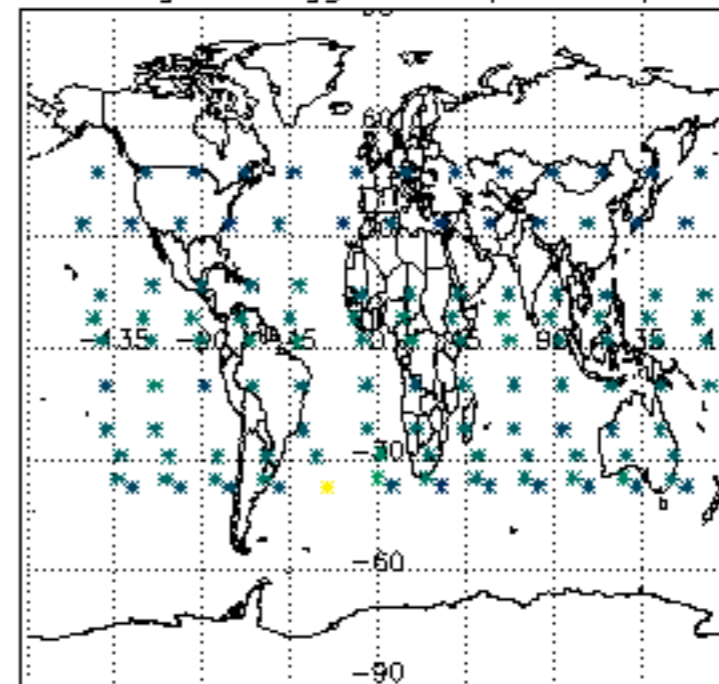
Percentage of flagged data per H2O profile

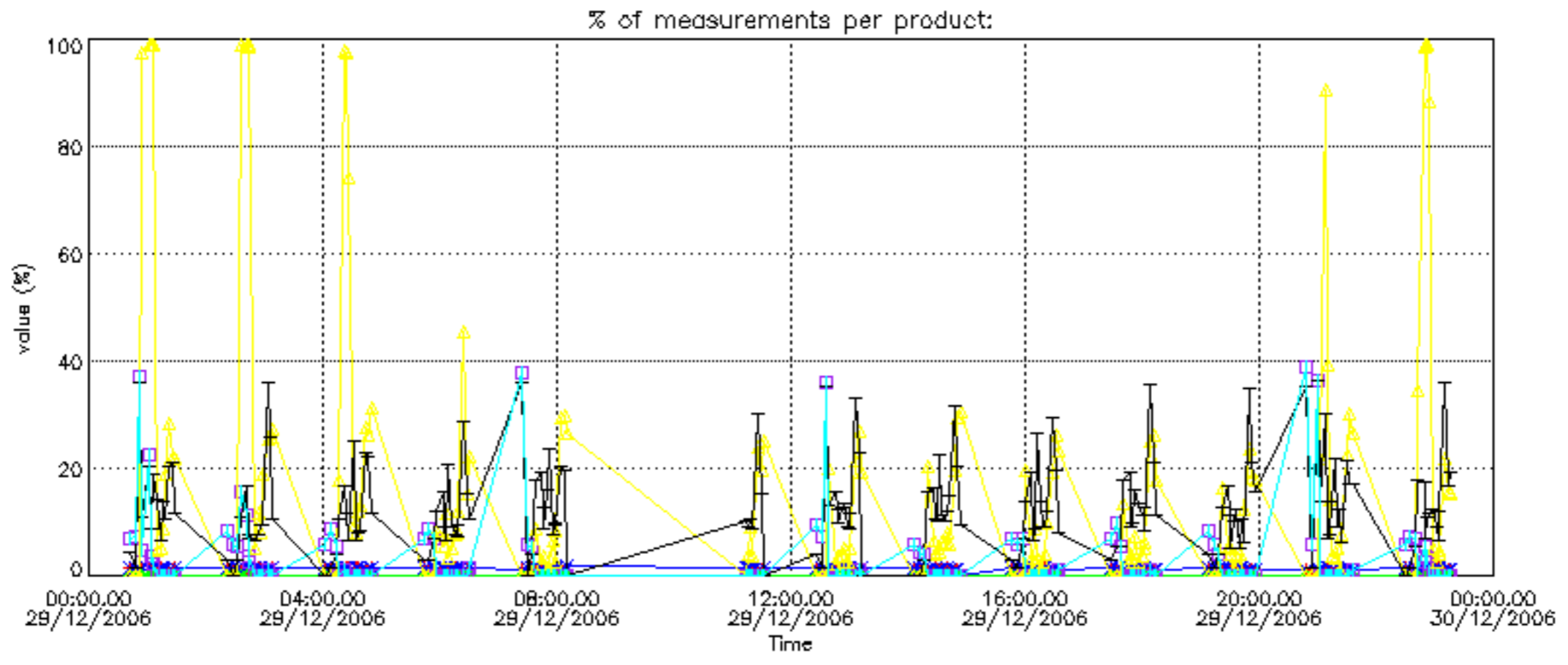


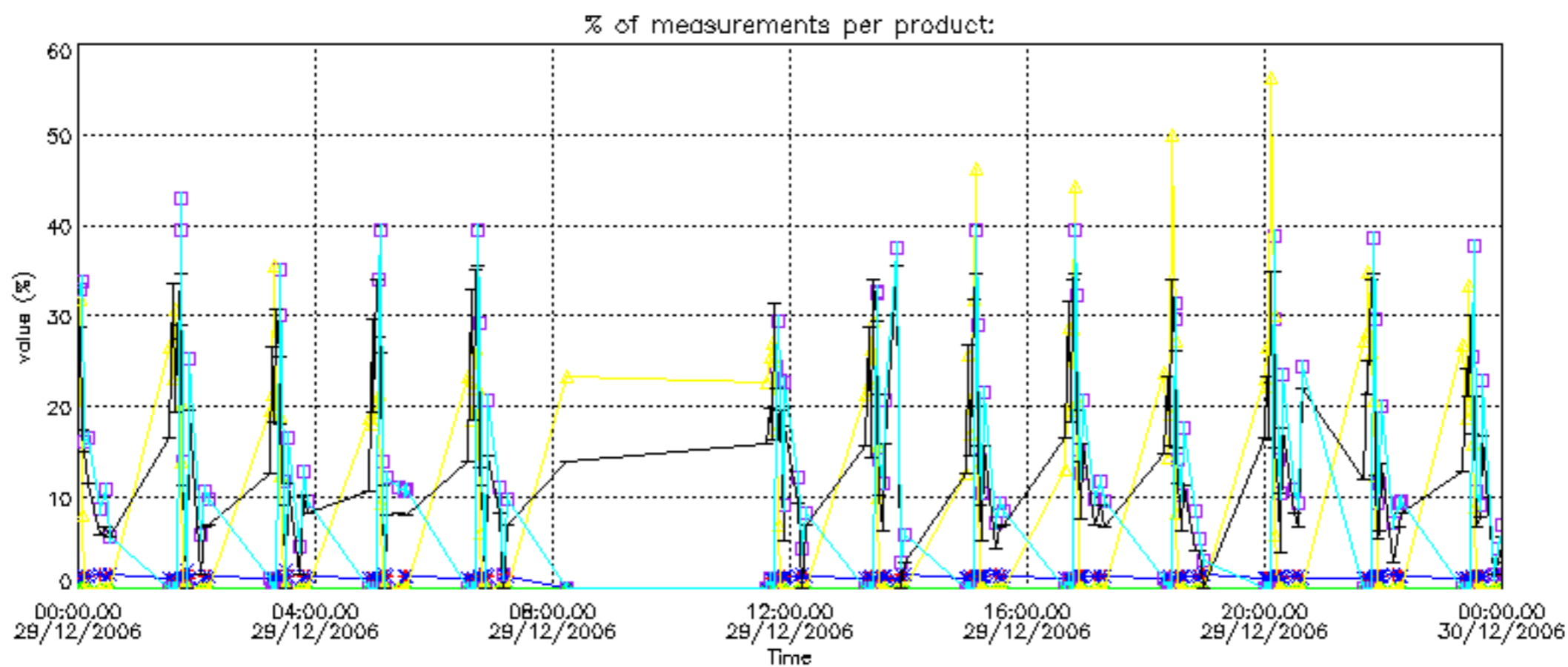
Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

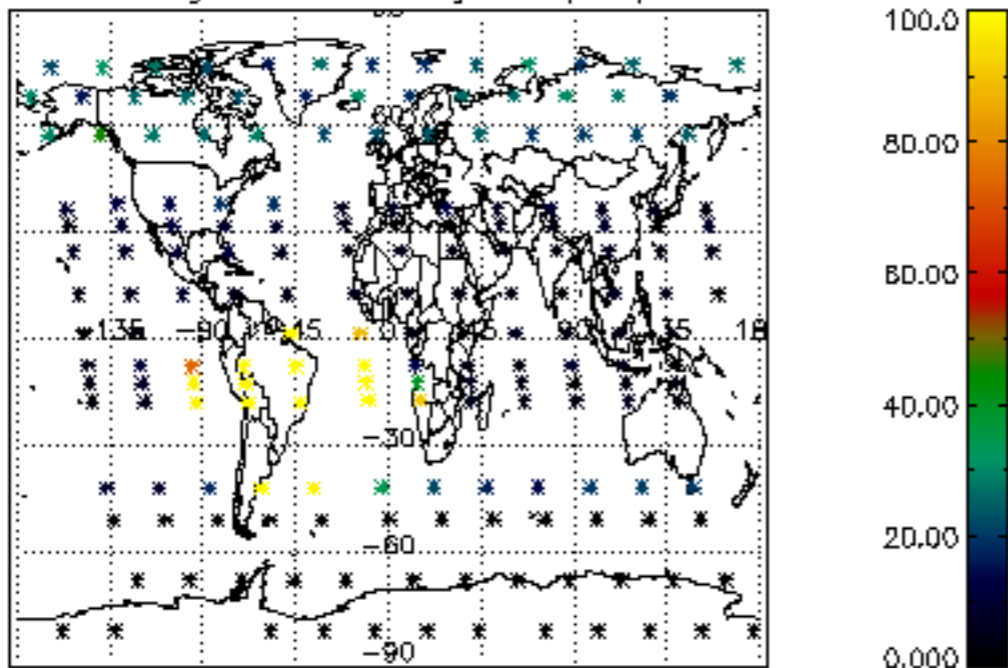




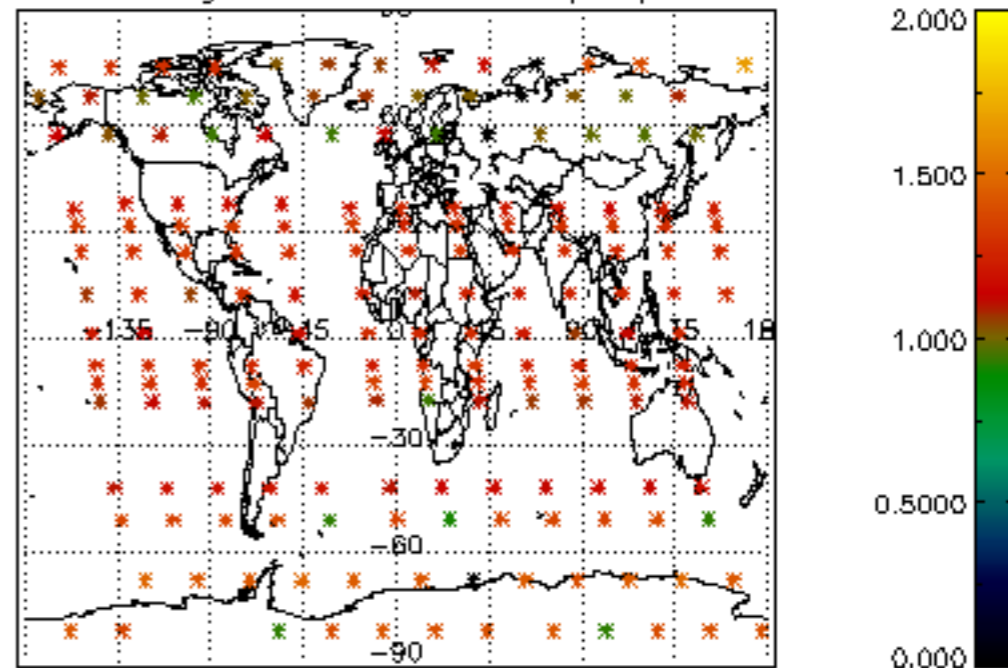




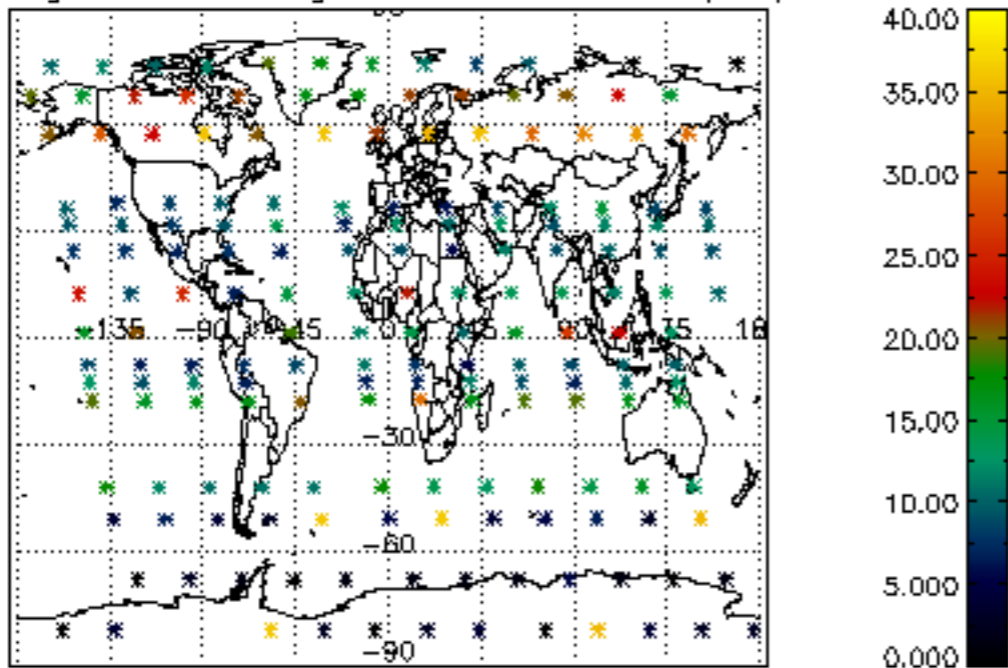
Percentage of cosmic ray hits per profile



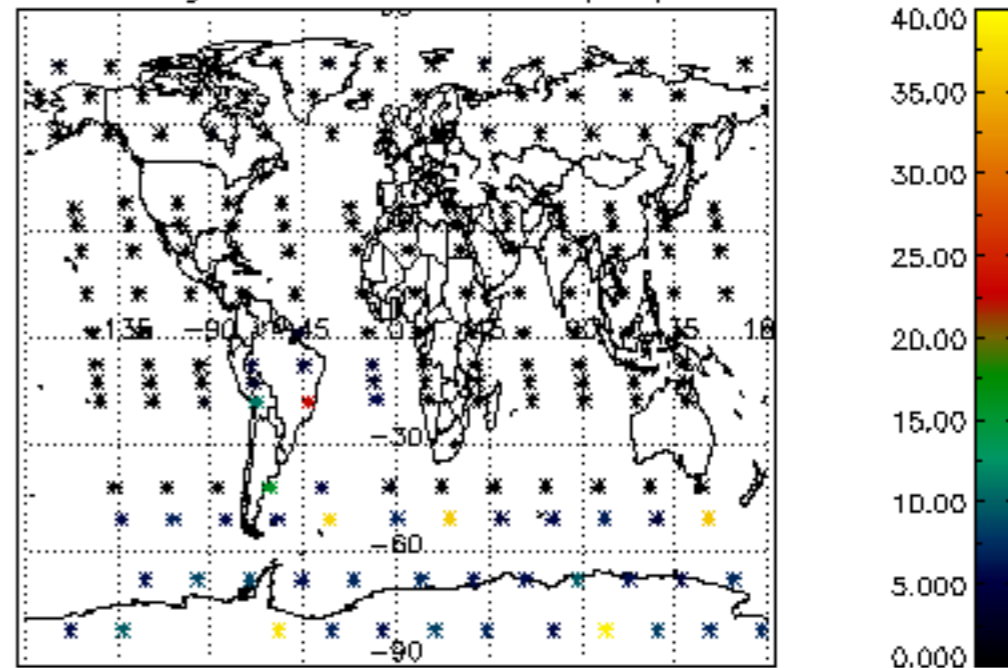
Percentage of datation errors per profile



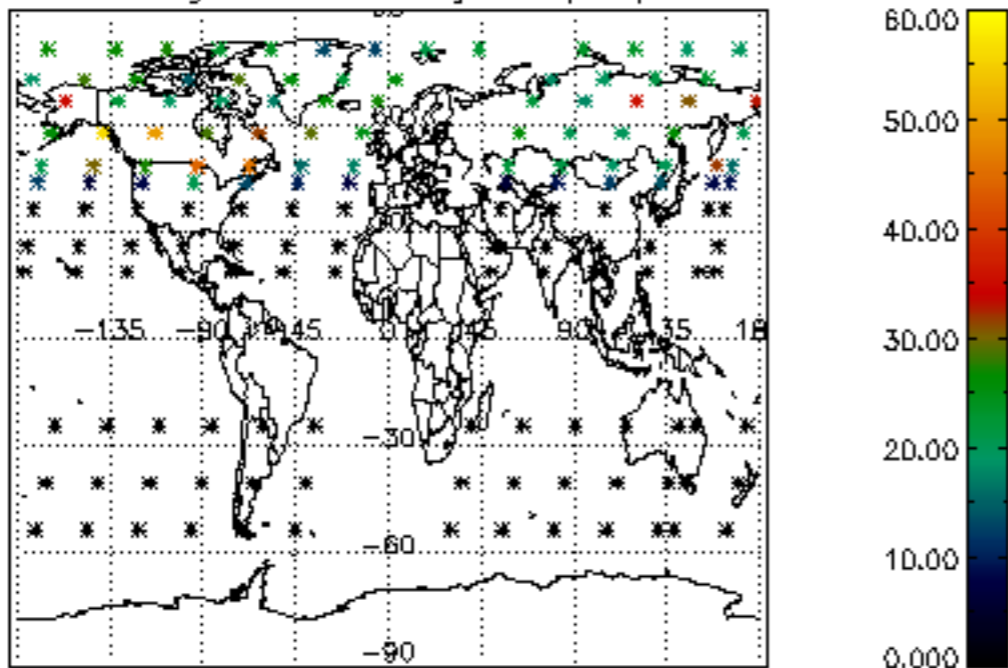
Percentage of star falling outside central band per profile



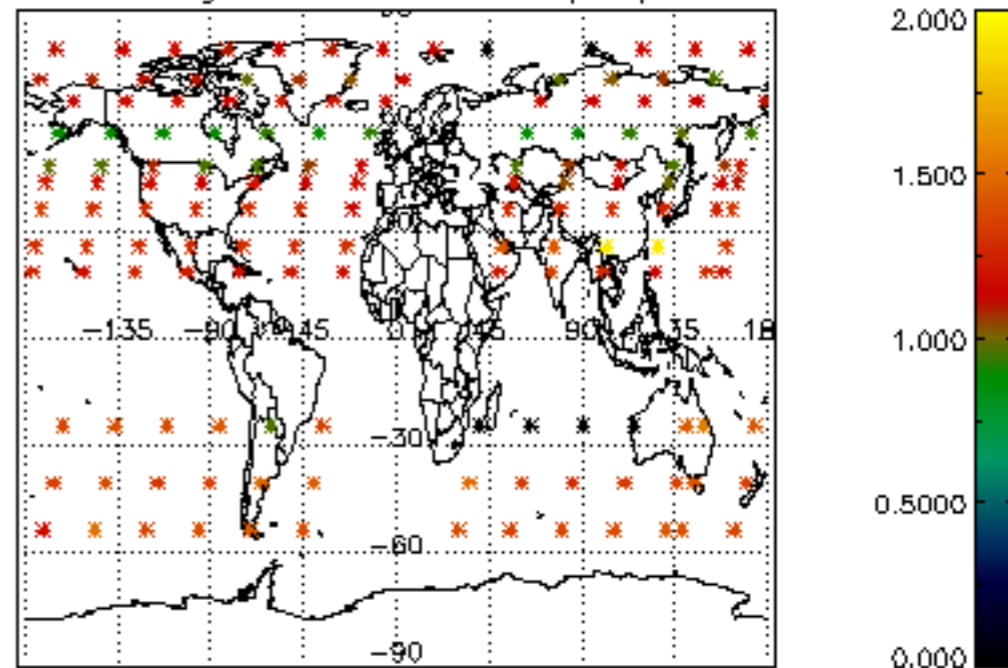
Percentage of saturation errors per profile



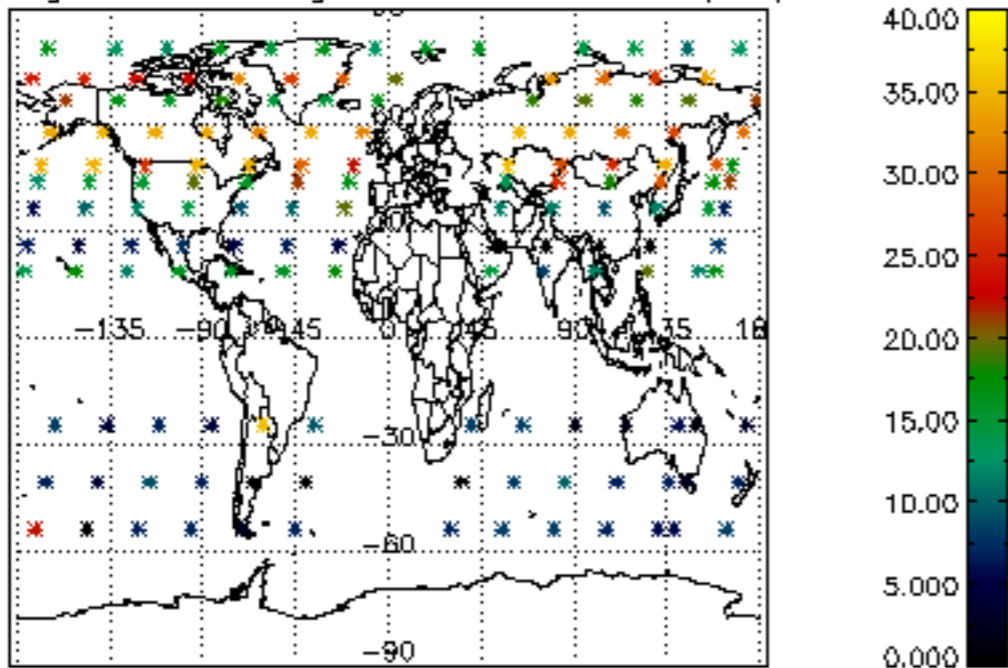
Percentage of cosmic ray hits per profile



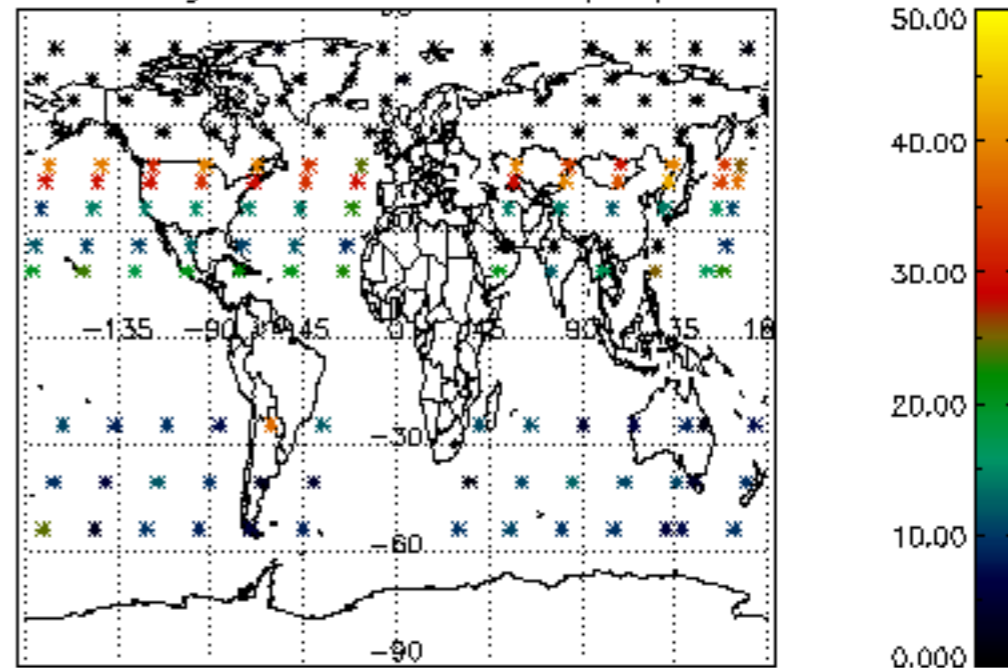
Percentage of datation errors per profile

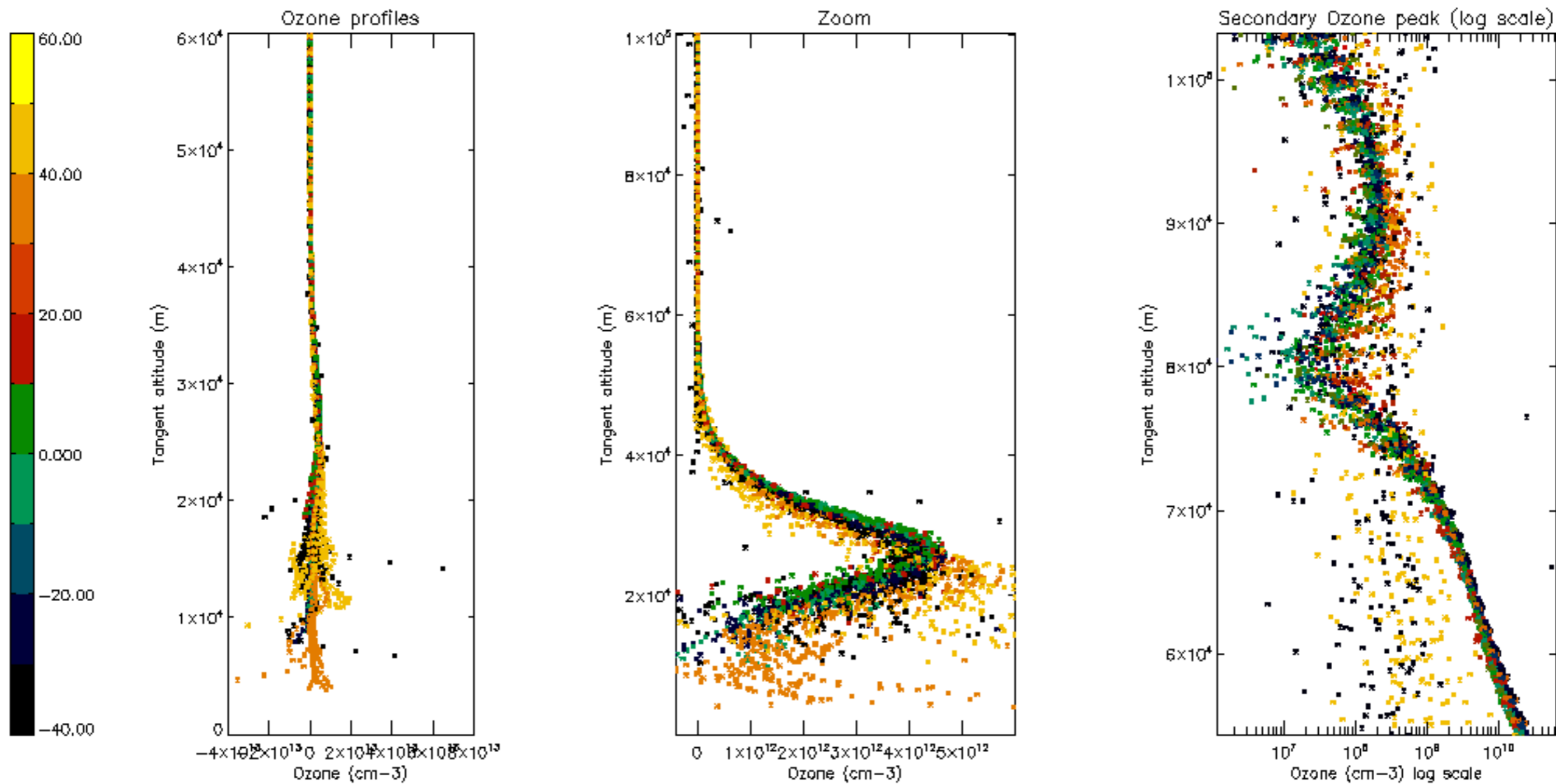


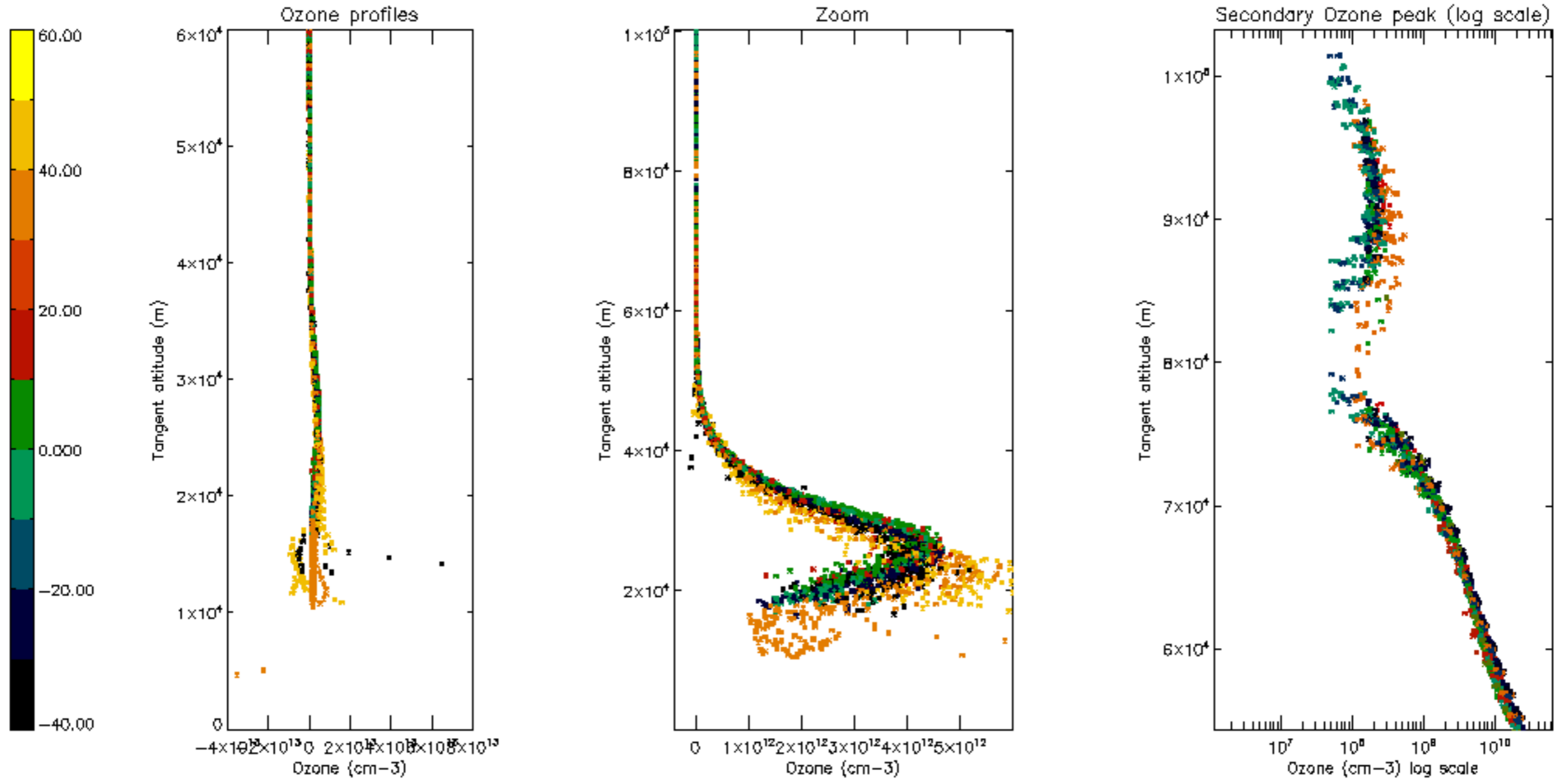
Percentage of star falling outside central band per profile



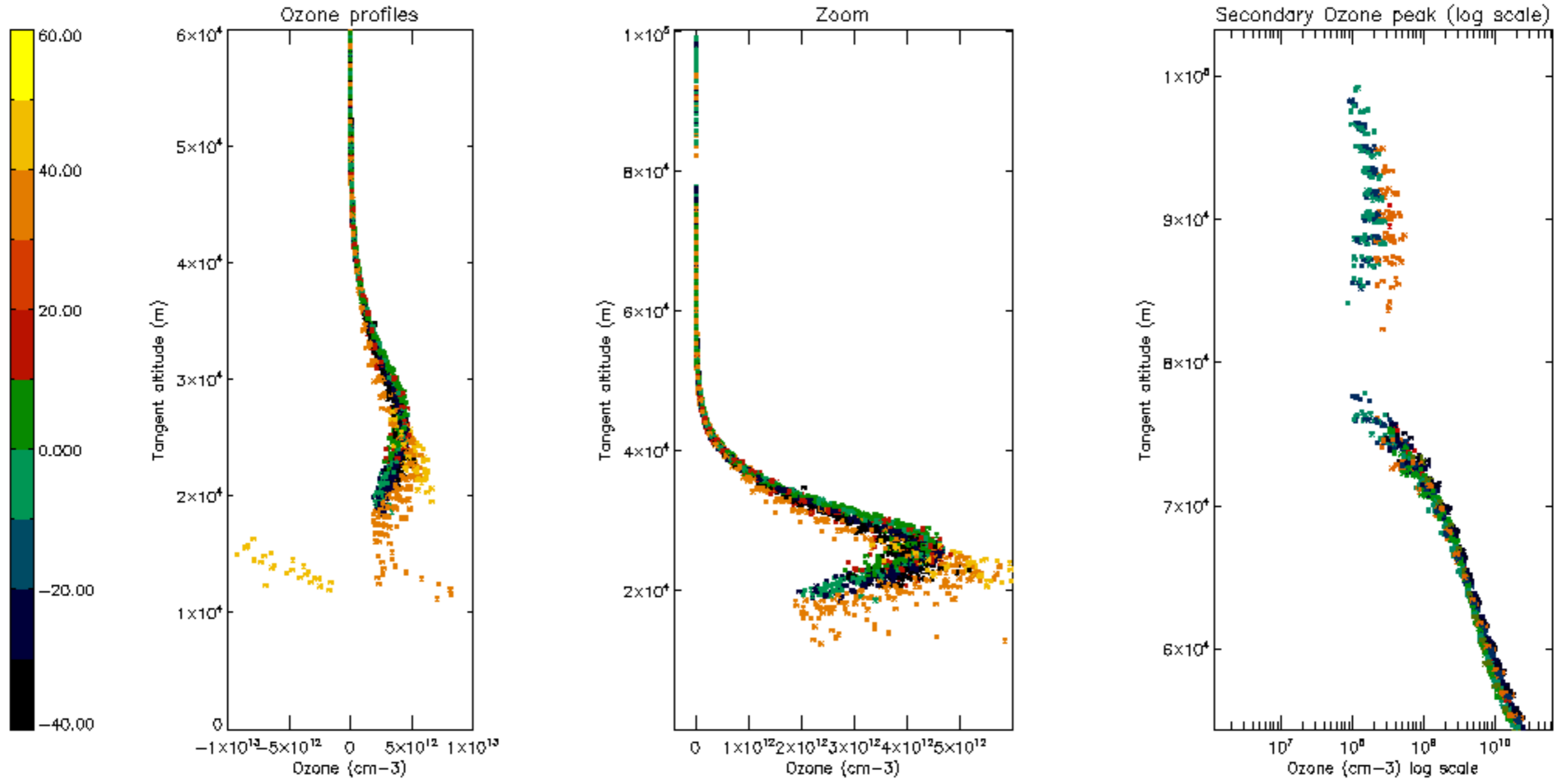
Percentage of saturation errors per profile

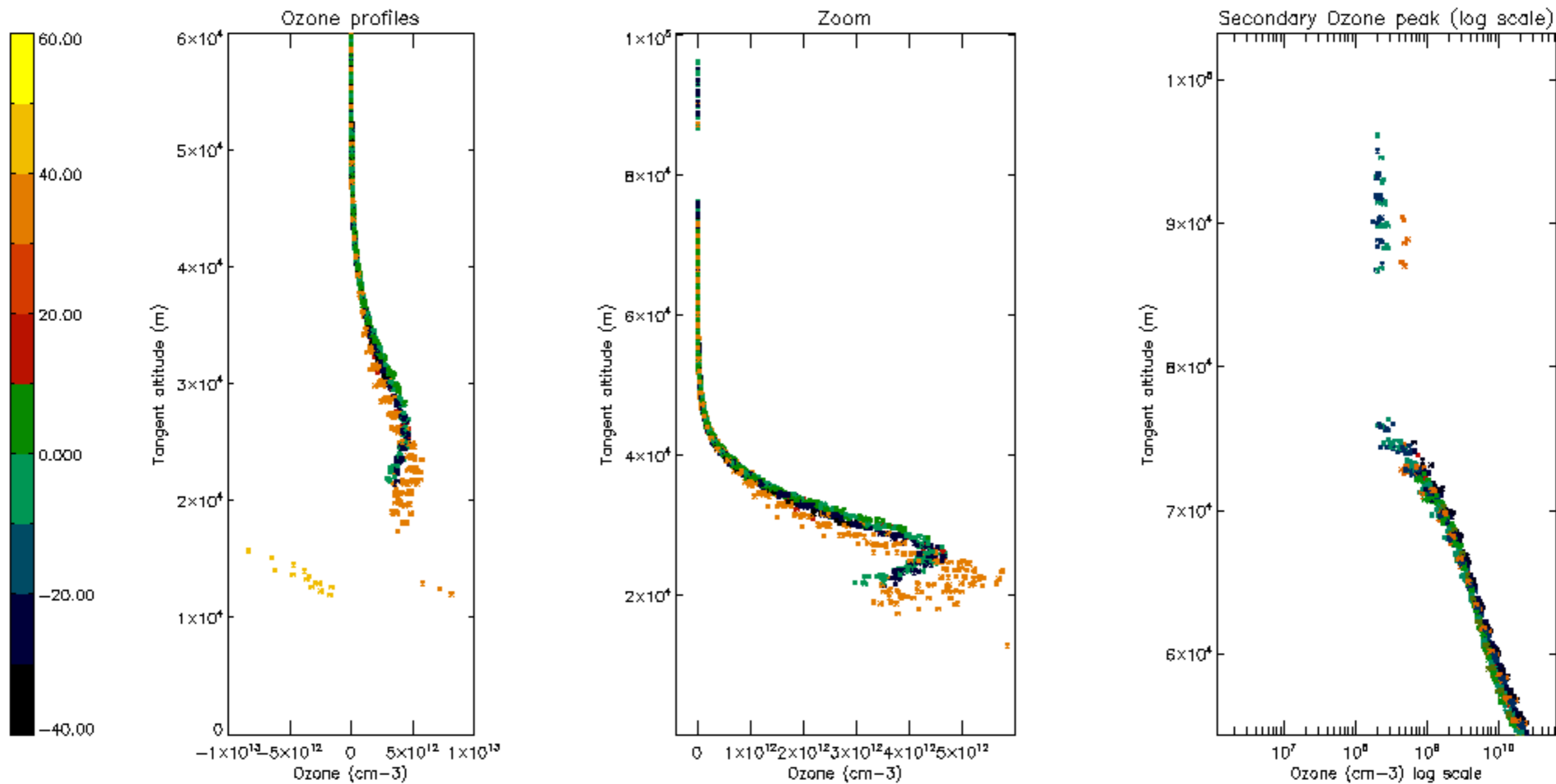


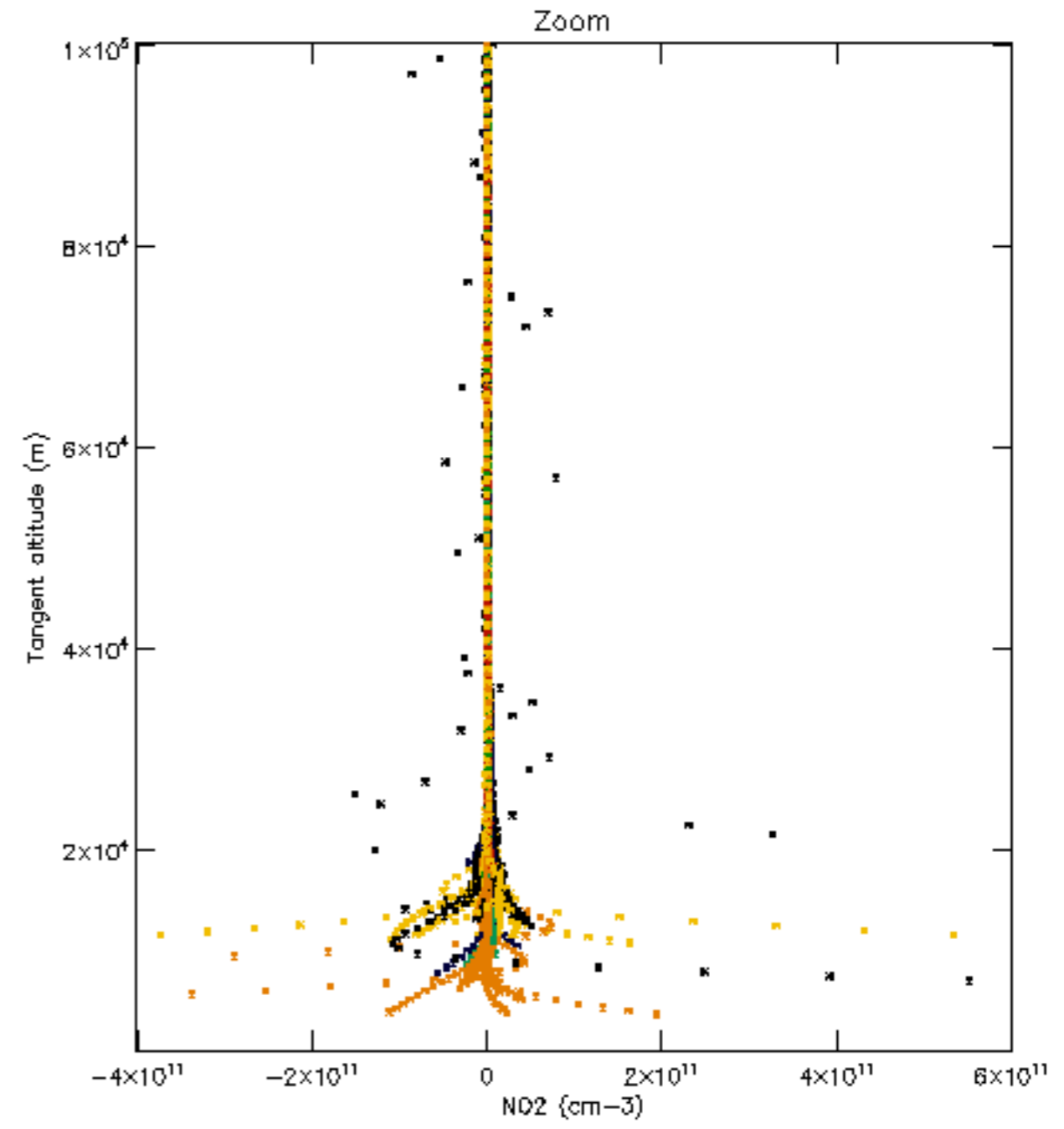
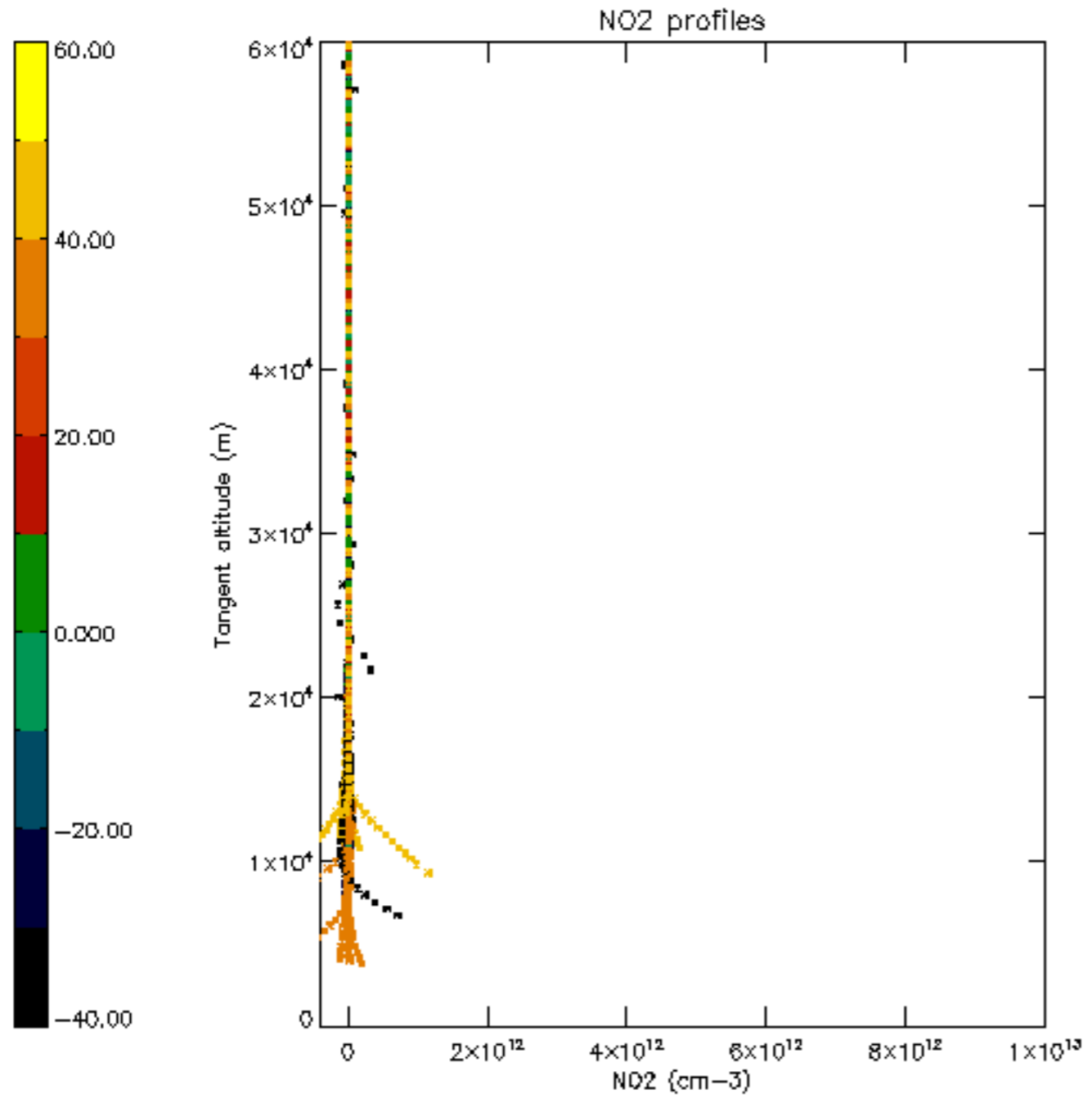


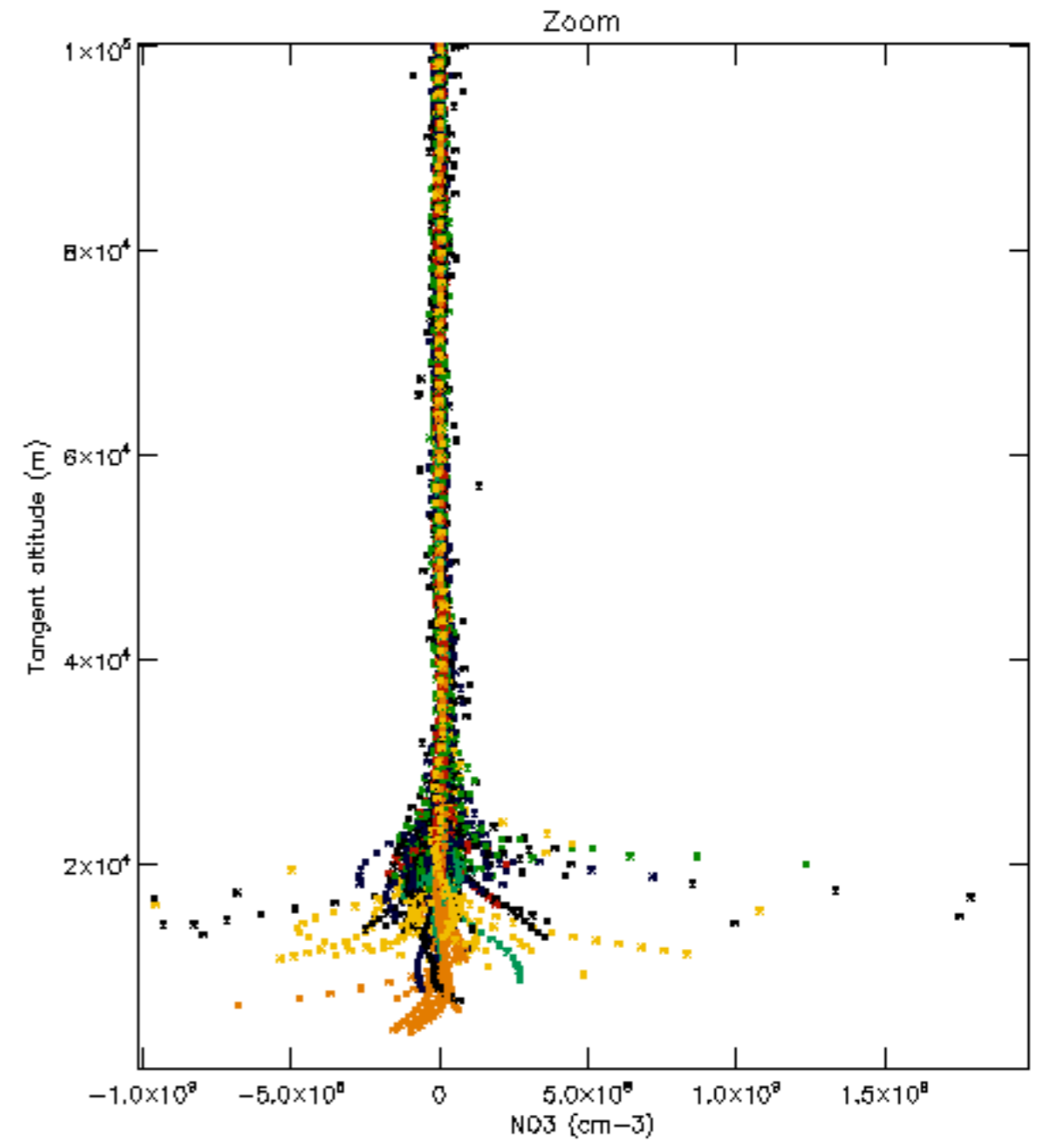
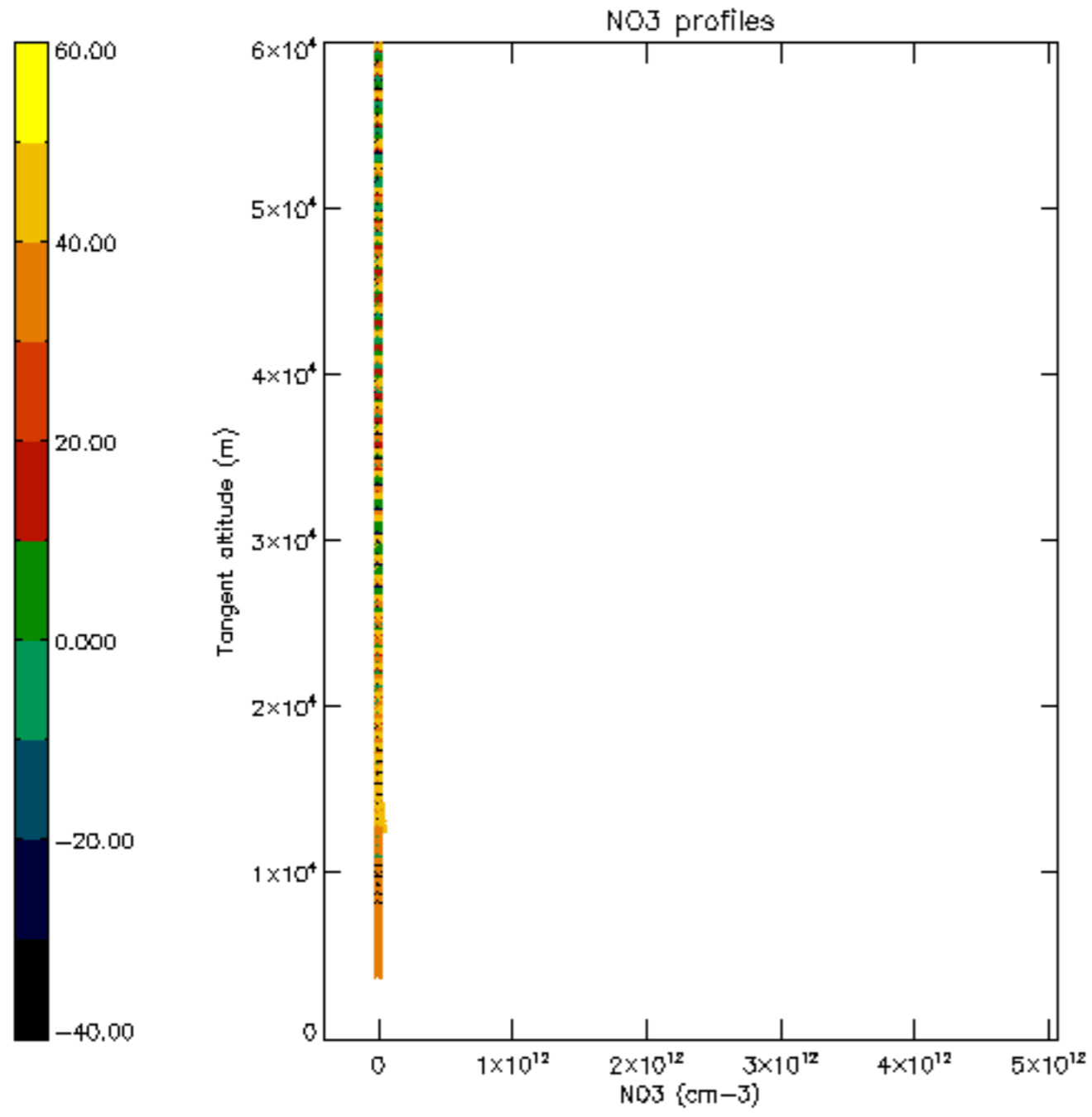




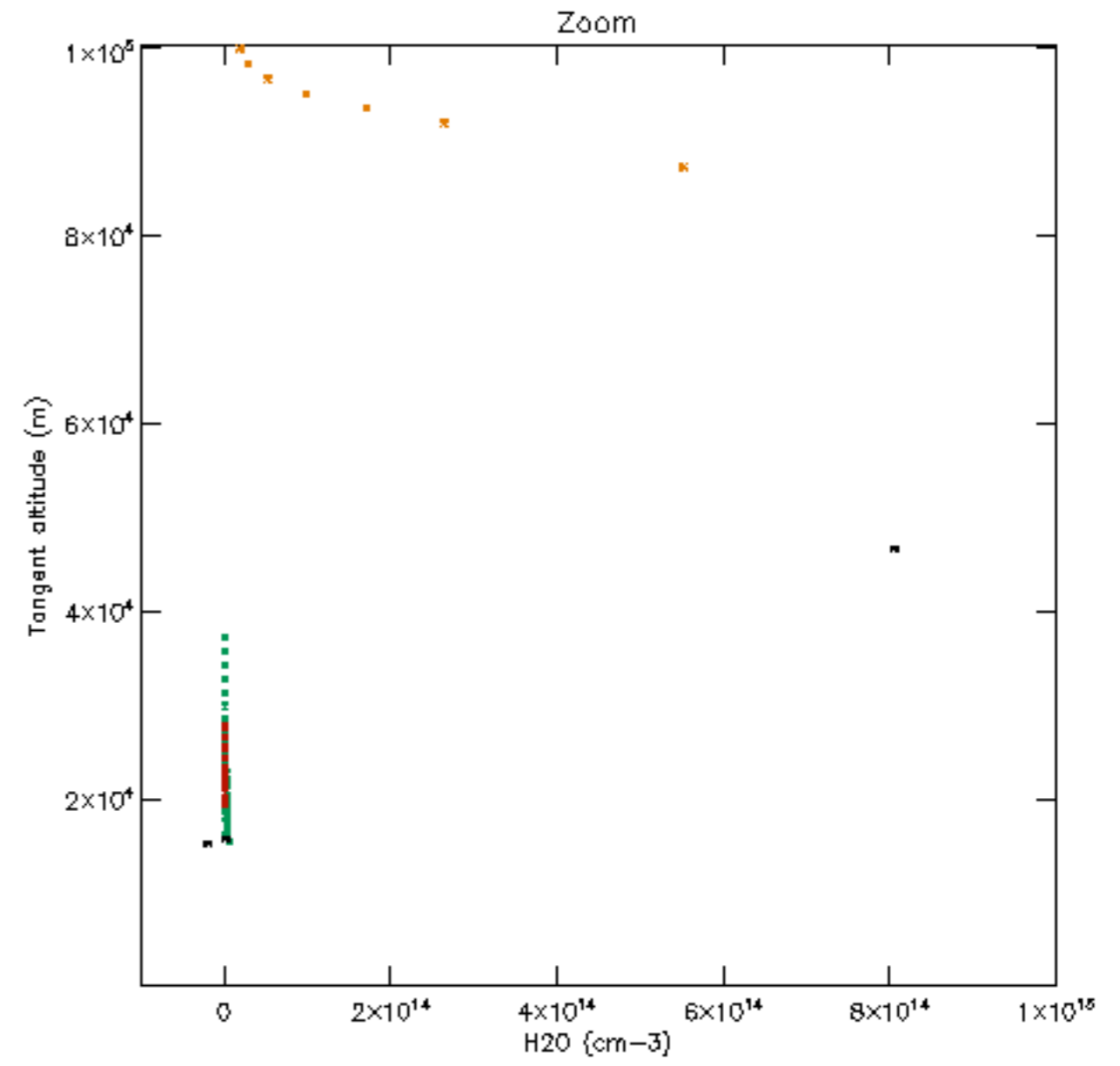
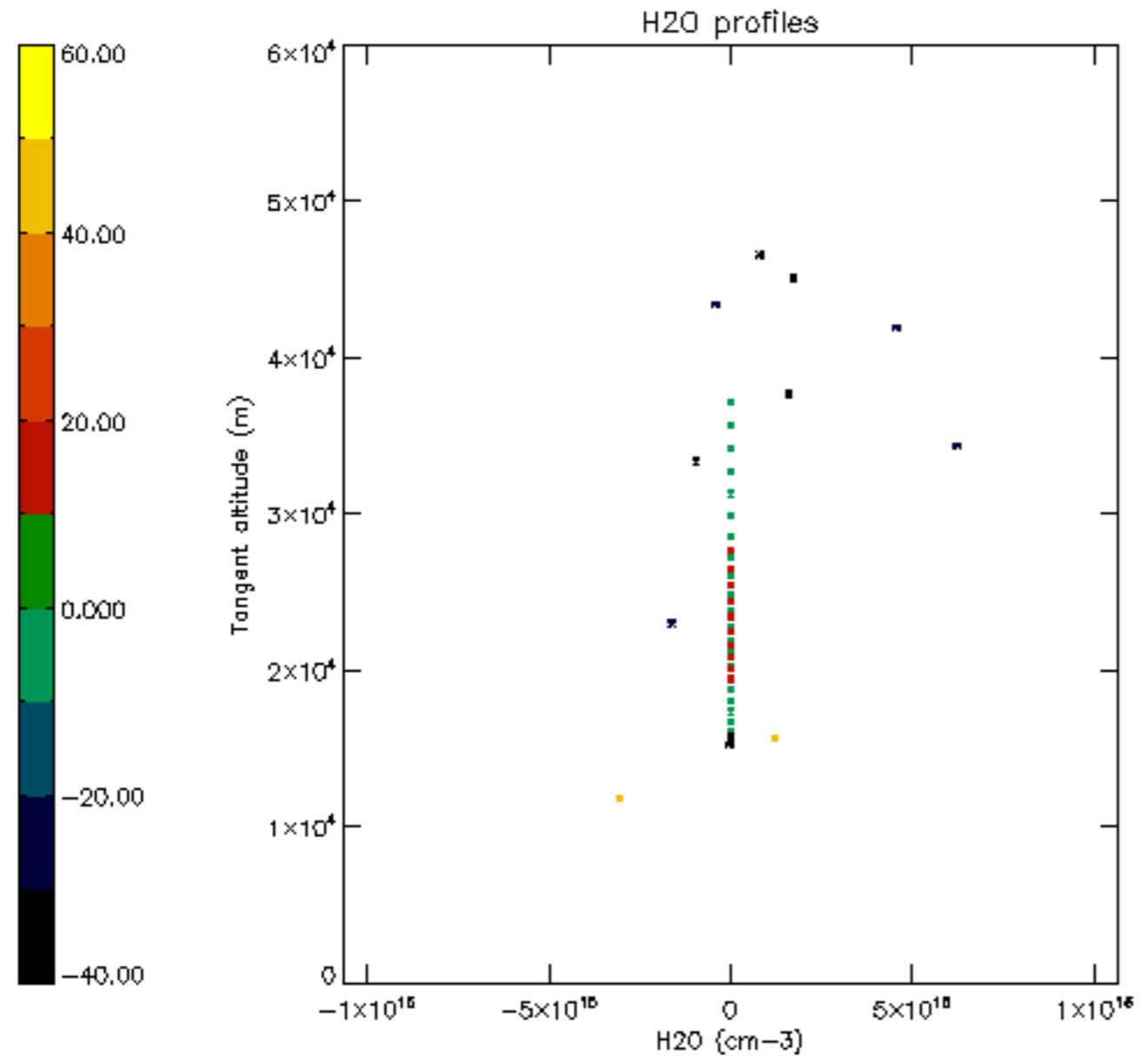


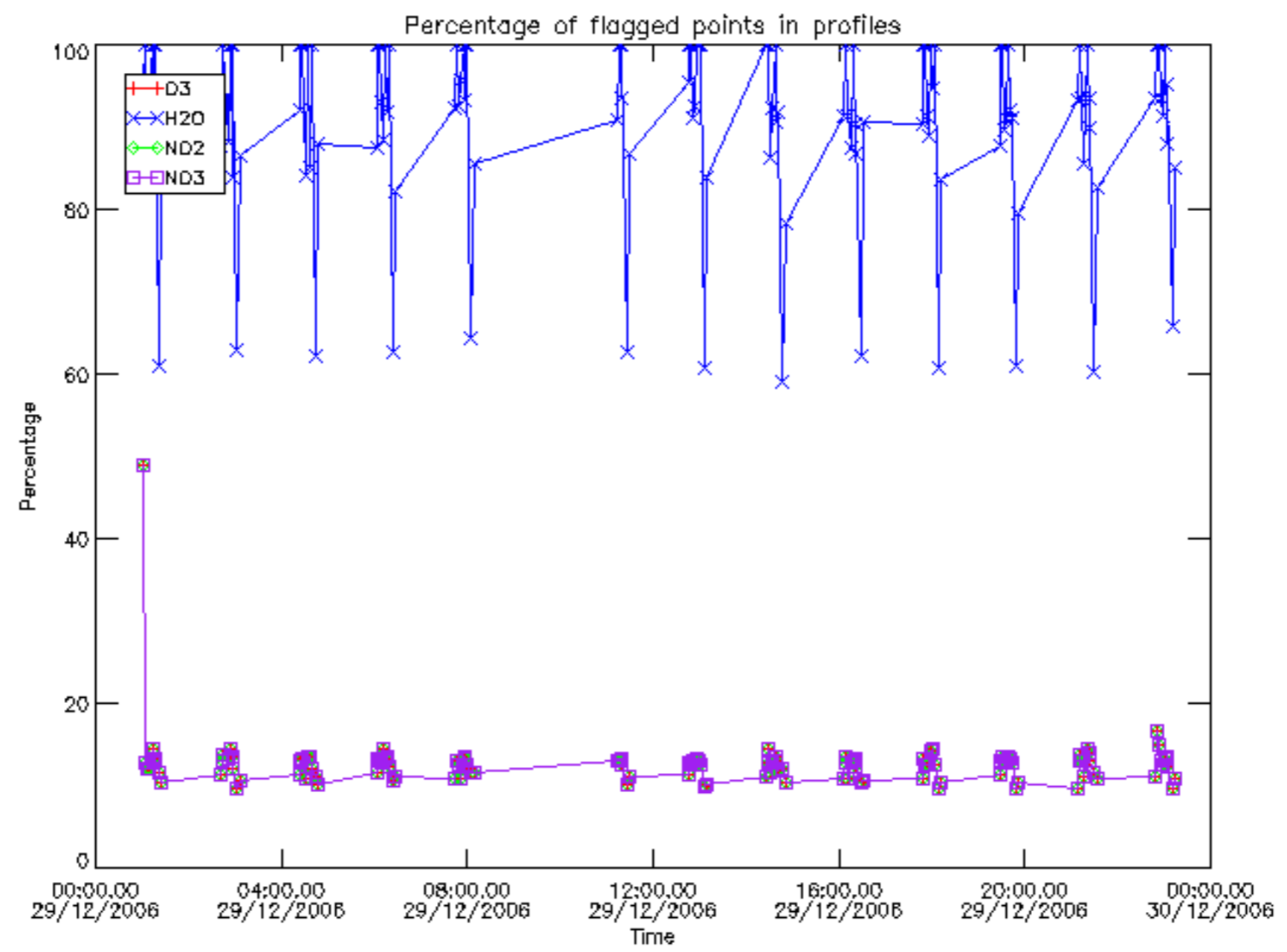




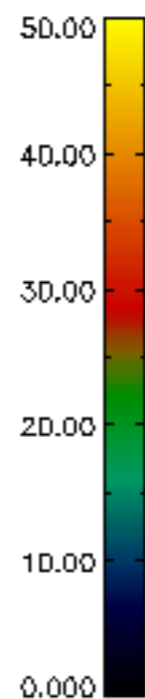
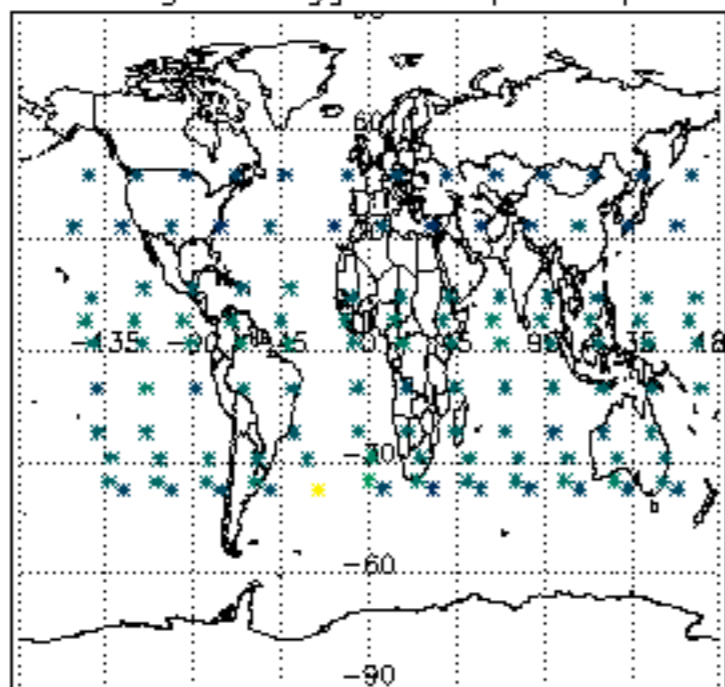




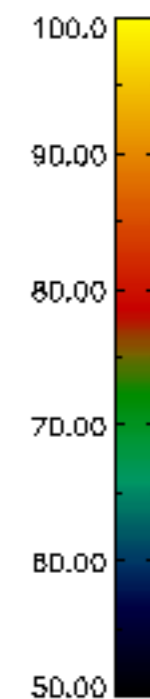
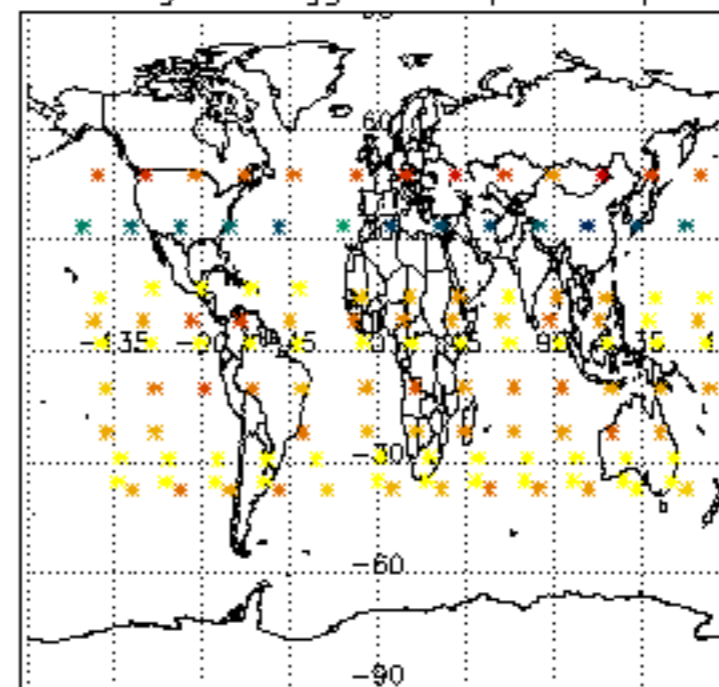




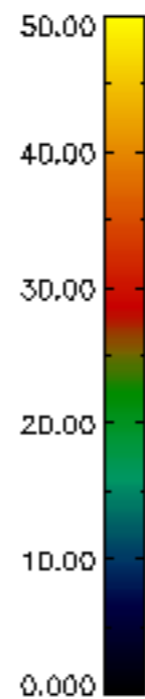
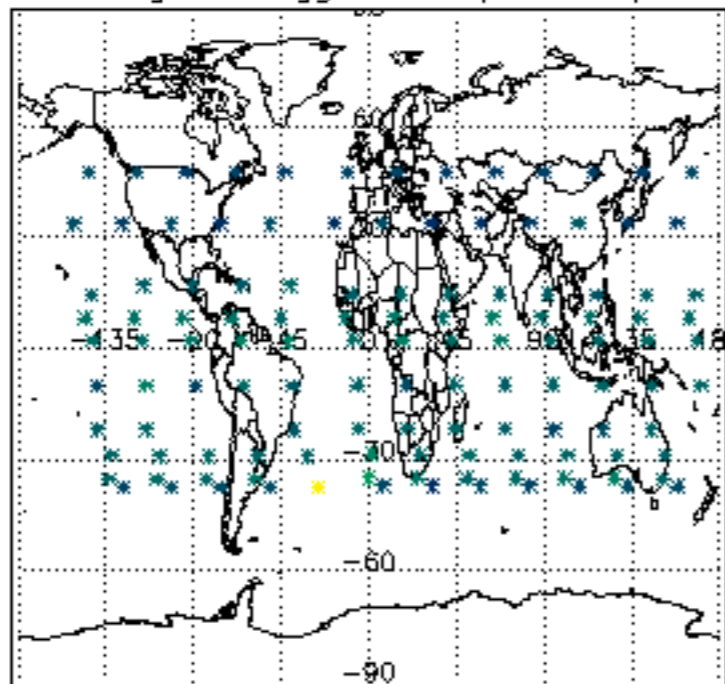
Percentage of flagged data per D3 profile



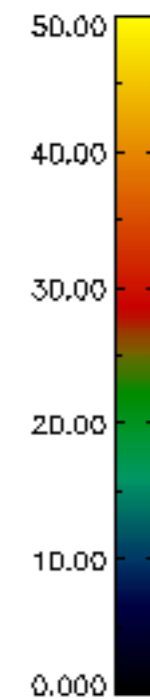
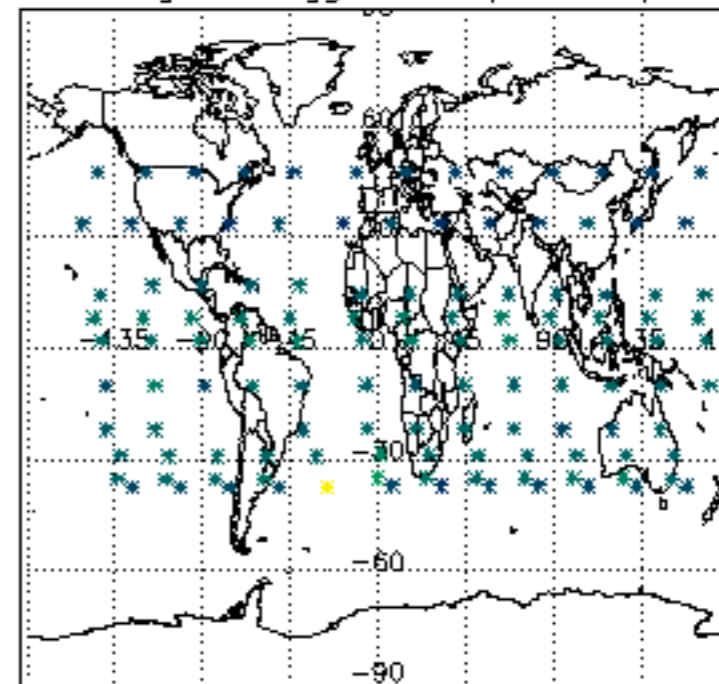
Percentage of flagged data per H2O profile

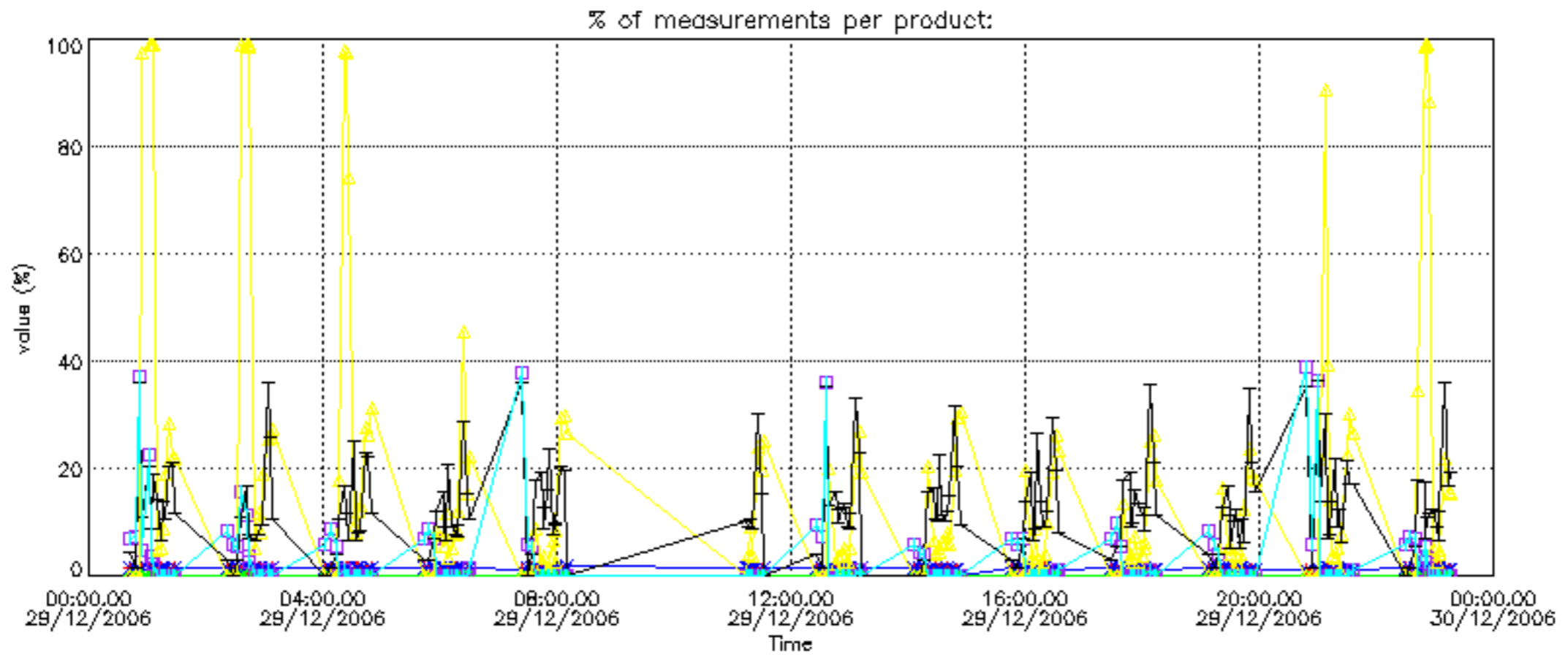


Percentage of flagged data per NO2 profile

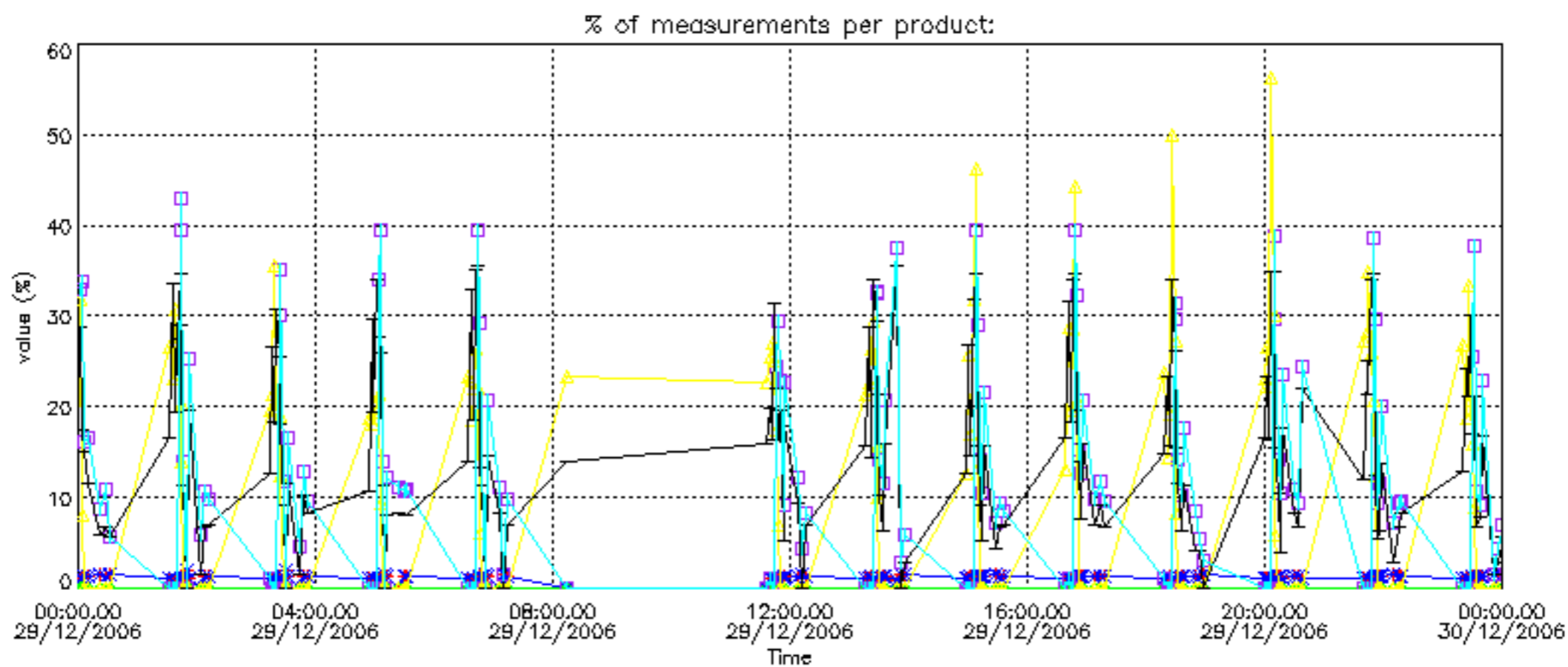


Percentage of flagged data per NO3 profile

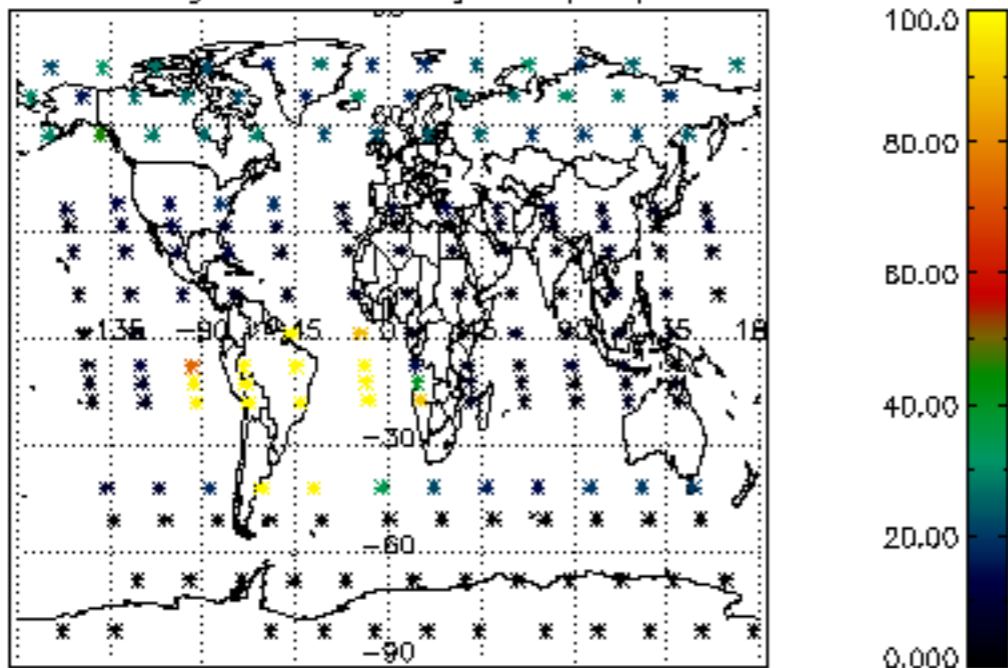




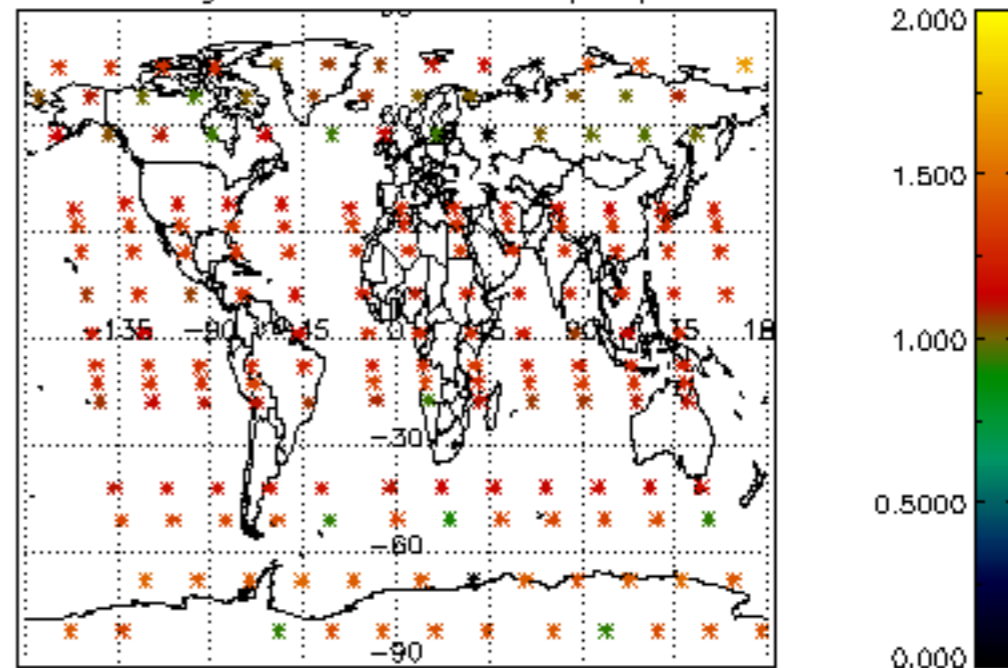




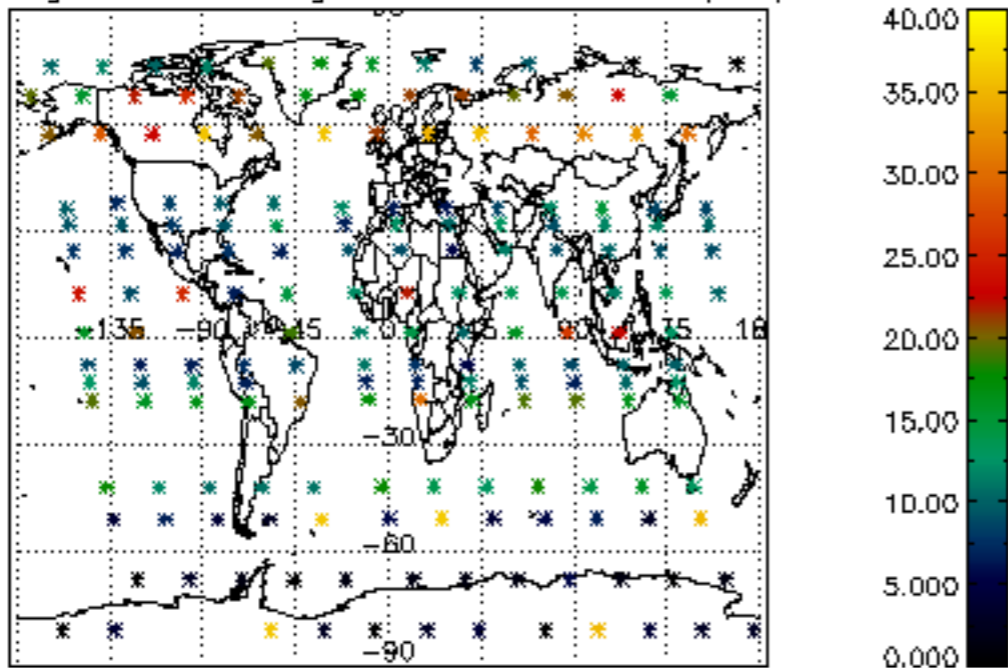
Percentage of cosmic ray hits per profile



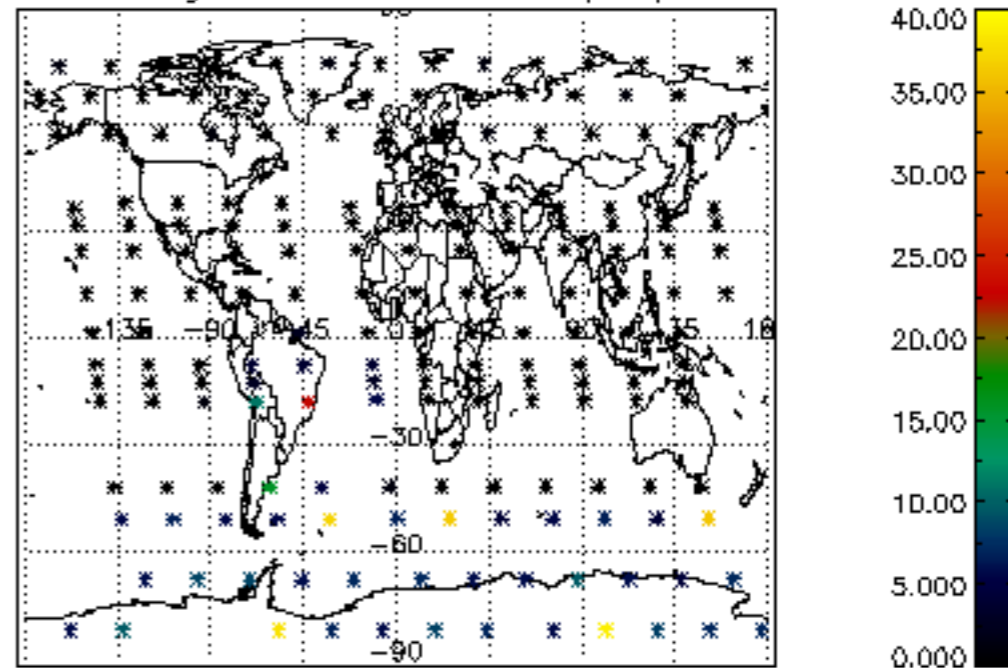
Percentage of datation errors per profile



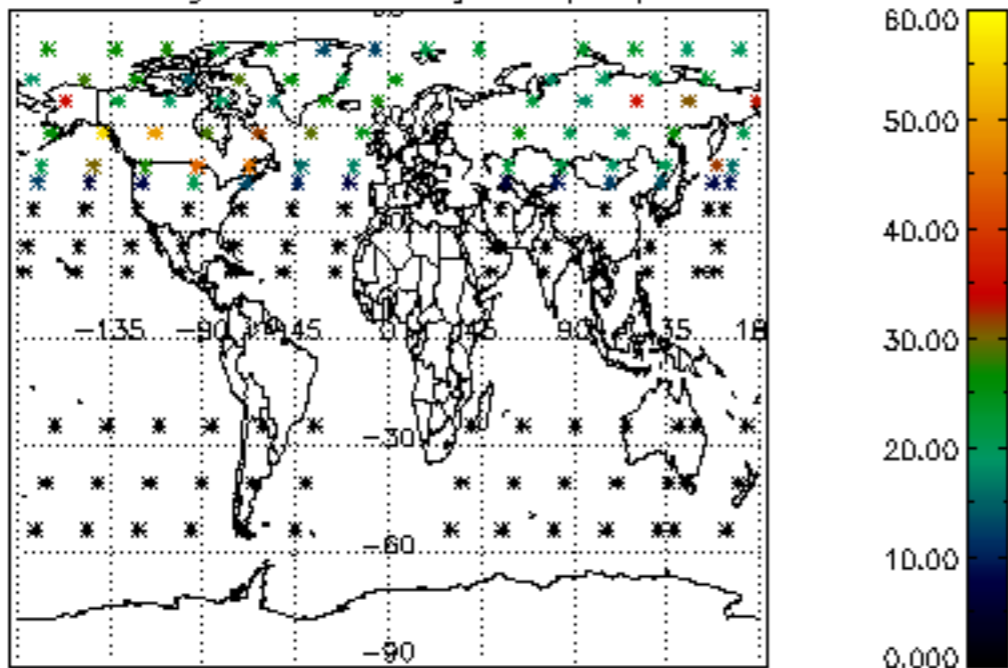
Percentage of star falling outside central band per profile



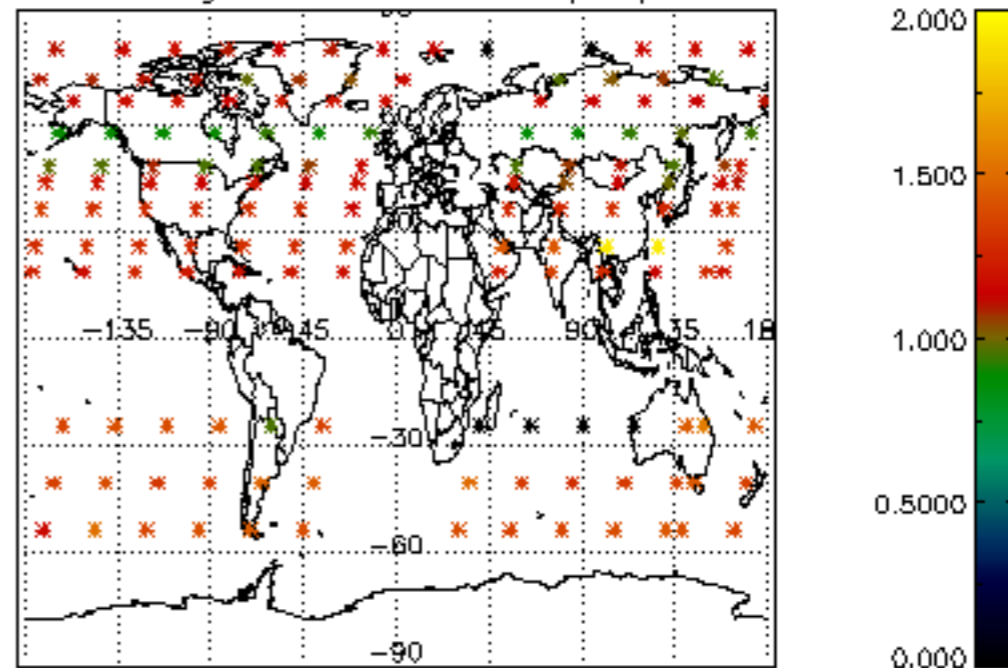
Percentage of saturation errors per profile



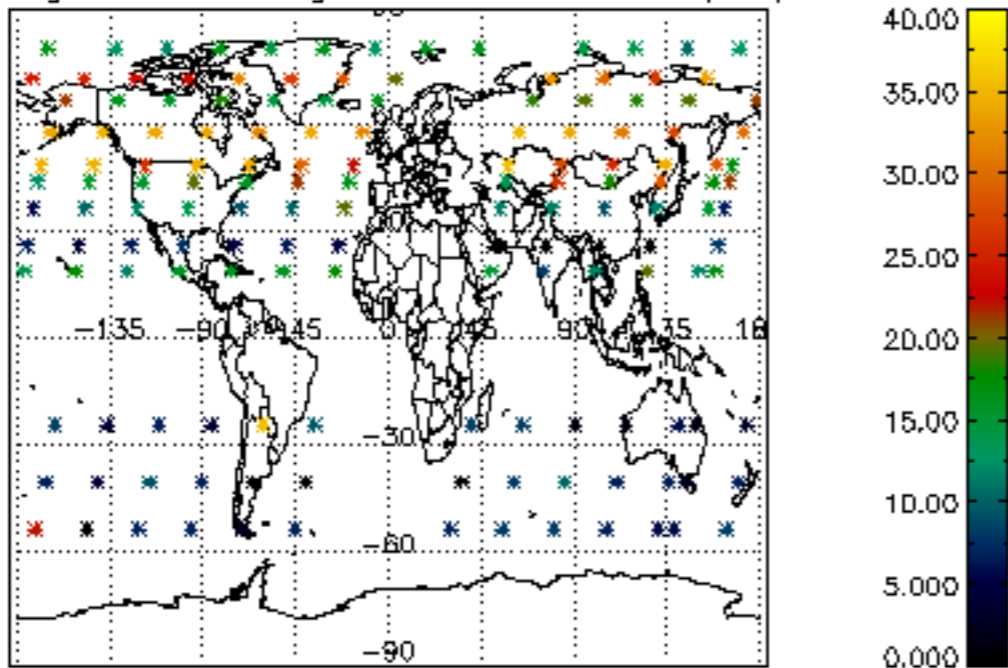
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

