

# 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	26APR2013 00:25:11
Data source version	GOMOS/6.01
Start time of products	28-12-2008 (28DEC2008 00:00:00)
Stop time of products	29-12-2008 (29DEC2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	423
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__2PRFIN20081228_000351_000000362075_00073_35698_3566.N1	28-DEC-2008 00:03:51	Bright	35.500	102	24Alp Ser	2.6000	4250.0	71	35698	No
2	GOM_NL__2PRFIN20081228_000847_000000362075_00073_35698_3567.N1	28-DEC-2008 00:08:47	Bright	35.500	104	27Bet Lib	2.6140	13100.	71	35698	No
3	GOM_NL__2PRFIN20081228_001119_000000422075_00073_35698_3568.N1	28-DEC-2008 00:11:19	Twilight	41.500	122	9Alp2Lib	2.7470	9700.0	83	35698	No
4	GOM_NL__2PRFIN20081228_001806_000000462075_00073_35698_3569.N1	28-DEC-2008 00:18:06	Dark	46.000	54	5The Cen	2.0550	4500.0	92	35698	No
5	GOM_NL__2PRFIN20081228_001937_000000382075_00073_35698_3570.N1	28-DEC-2008 00:19:37	Dark	38.000	78	Alp Lup	2.3040	28000.	76	35698	No
6	GOM_NL__2PRFIN20081228_002057_000000402075_00073_35698_3571.N1	28-DEC-2008 00:20:57	Dark	39.500	95	Zet Cen	2.5450	26000.	79	35698	No
7	GOM_NL__2PRFIN20081228_002244_000000432075_00073_35698_3572.N1	28-DEC-2008 00:22:44	Dark	42.500	77	Eps Cen	2.3030	28000.	85	35698	No
8	GOM_NL__2PRFIN20081228_002416_000000412075_00074_35699_3558.N1	28-DEC-2008 00:24:16	Dark	41.000	64	Gam Cen	2.2000	10600.	82	35699	No
9	GOM_NL__2PRFIN20081228_003020_000000502075_00074_35699_3559.N1	28-DEC-2008 00:30:20	Dark	50.000	113	Mu Vel	2.6920	5000.0	100	35699	No
10	GOM_NL__2PRFIN20081228_003159_000000382075_00074_35699_3560.N1	28-DEC-2008 00:31:59	Dark	38.000	29	Bet Car	1.6720	10200.	76	35699	No
11	GOM_NL__2PRFIN20081228_003340_000000422075_00074_35699_3561.N1	28-DEC-2008 00:33:40	Dark	42.000	91	Kap Vel	2.4900	26000.	84	35699	No
12	GOM_NL__2PRFIN20081228_003507_000000432075_00074_35699_3562.N1	28-DEC-2008 00:35:07	Dark	42.500	46	Del Vel	1.9540	10600.	85	35699	No
13	GOM_NL__2PRFIN20081228_003916_000000482075_00074_35699_3563.N1	28-DEC-2008 00:39:16	Dark	48.000	2	Alp Car	-0.73600	7000.0	96	35699	No
14	GOM_NL__2PRFIN20081228_004224_000000462075_00074_35699_3564.N1	28-DEC-2008 00:42:24	Dark	46.000	117	Pi Pup	2.7060	3800.0	92	35699	No
15	GOM_NL__2PRFIN20081228_004517_000000472075_00074_35699_3565.N1	28-DEC-2008 00:45:17	Straylight	47.000	23	21Eps CMa	1.5020	26000.	94	35699	No
16	GOM_NL__2PRFIN20081228_004653_000000462075_00074_35699_3566.N1	28-DEC-2008 00:46:53	Straylight	45.500	179	24Omi2CMa	3.0320	24000.	91	35699	No
17	GOM_NL__2PRFIN20081228_004927_000000492075_00074_35699_3567.N1	28-DEC-2008 00:49:27	Straylight	48.500	1	9Alp CMa	-1.4400	11000.	97	35699	No
18	GOM_NL__2PRFIN20081228_005235_000000462075_00074_35699_3568.N1	28-DEC-2008 00:52:35	Straylight	46.000	7	19Bet Ori	0.10000	14000.	92	35699	No
19	GOM_NL__2PRFIN20081228_005431_000000422075_00074_35699_3569.N1	28-DEC-2008 00:54:31	Straylight	41.500	30	46Eps Ori	1.6940	30000.	83	35699	No
20	GOM_NL__2PRFIN20081228_005709_000000572075_00074_35699_3570.N1	28-DEC-2008 00:57:09	Twilight	57.000	14	58Alp Ori	0.87000	3000.0	114	35699	No
21	GOM_NL__2PRFIN20081228_005946_000000522075_00074_35699_3571.N1	28-DEC-2008 00:59:46	Bright	52.000	13	87Alp Tau	0.86700	3800.0	104	35699	No
22	GOM_NL__2PRFIN20081228_010109_000000452075_00074_35699_3572.N1	28-DEC-2008 01:01:09	Bright	44.500	176	23Zet Tau	3.0200	22000.	89	35699	No
23	GOM_NL__2PRFIN20081228_010315_000000392075_00074_35699_3573.N1	28-DEC-2008 01:03:15	Bright	38.500	28	12Bet Tau	1.6500	15200.	77	35699	No
24	GOM_NL__2PRFIN20081228_010614_000000392075_00074_35699_3574.N1	28-DEC-2008 01:06:14	Bright	38.500	107	37The Aur	2.6490	11000.	77	35699	No
25	GOM_NL__2PRFIN20081228_010810_000000422075_00074_35699_3575.N1	28-DEC-2008 01:08:10	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	35699	No
26	GOM_NL__2PRFIN20081228_012015_000000342075_00074_35699_3576.N1	28-DEC-2008 01:20:15	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	35699	No
27	GOM_NL__2PRFIN20081228_012447_000000382075_00074_35699_3577.N1	28-DEC-2008 01:24:47	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	35699	No
28	GOM_NL__2PRFIN20081228_012830_000000372075_00074_35699_3578.N1	28-DEC-2008 01:28:30	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	35699	No
29	GOM_NL__2PRFIN20081228_013542_000000482075_00074_35699_3579.N1	28-DEC-2008 01:35:42	Bright	48.000	180	27Gam Boo	3.0400	8000.0	96	35699	No
30	GOM_NL__2PRFIN20081228_013915_000000422075_00074_35699_3580.N1	28-DEC-2008 01:39:15	Bright	41.500	83		2.3780	11000.	83	35699	No
31	GOM_NL__2PRFIN20081228_014427_000000352075_00074_35699_3581.N1	28-DEC-2008 01:44:27	Bright	34.500	102	24Alp Ser	2.6000	4250.0	69	35699	No
32	GOM_NL__2PRFIN20081228_014924_000000382075_00074_35699_3582.N1	28-DEC-2008 01:49:24	Bright	37.500	104	27Bet Lib	2.6140	13100.	75	35699	No
33	GOM_NL__2PRFIN20081228_015842_000000412075_00074_35699_3583.N1	28-DEC-2008 01:58:42	Dark	41.000	54	5The Cen	2.0550	4500.0	82	35699	No
34	GOM_NL__2PRFIN20081228_020013_000000382075_00074_35699_3584.N1	28-DEC-2008 02:00:13	Dark	37.500	78	Alp Lup	2.3040	28000.	75	35699	No
35	GOM_NL__2PRFIN20081228_020133_000000412075_00074_35699_3585.N1	28-DEC-2008 02:01:33	Dark	40.500	95	Zet Cen	2.5450	26000.	81	35699	No
36	GOM_NL__2PRFIN20081228_020320_000000402075_00074_35699_3586.N1	28-DEC-2008 02:03:20	Dark	39.500	77	Eps Cen	2.3030	28000.	79	35699	No
37	GOM_NL__2PRFIN20081228_020452_000000432075_00075_35700_3569.N1	28-DEC-2008 02:04:52	Dark	42.500	64	Gam Cen	2.2000	10600.	85	35700	No
38	GOM_NL__2PRFIN20081228_021057_000000492075_00075_35700_3570.N1	28-DEC-2008 02:10:57	Dark	49.000	113	Mu Vel	2.6920	5000.0	98	35700	No
39	GOM_NL__2PRFIN20081228_021235_000000392075_00075_35700_3571.N1	28-DEC-2008 02:12:35	Dark	38.500	29	Bet Car	1.6720	10200.	77	35700	No
40	GOM_NL__2PRFIN20081228_021417_000000442075_00075_35700_3572.N1	28-DEC-2008 02:14:17	Dark	43.500	91	Kap Vel	2.4900	26000.	87	35700	No
41	GOM_NL__2PRFIN20081228_021543_000000422075_00075_35700_3573.N1	28-DEC-2008 02:15:43	Dark	41.500	46	Del Vel	1.9540	10600.	83	35700	No
42	GOM_NL__2PRFIN20081228_021952_000000442075_00075_35700_3574.N1	28-DEC-2008 02:19:52	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	35700	No

43	GOM_NL__2PRFIN20081228_022300_000000492075_00075_35700_3575.N1	28-DEC-2008 02:23:00	Dark	48.500	117	Pi Pup	2.7060	3800.0	97	35700	No
44	GOM_NL__2PRFIN20081228_022554_000000492075_00075_35700_3576.N1	28-DEC-2008 02:25:54	Straylight	48.500	23	21Eps CMa	1.5020	26000.	97	35700	No
45	GOM_NL__2PRFIN20081228_022729_000000462075_00075_35700_3577.N1	28-DEC-2008 02:27:29	Straylight	45.500	179	24Omi2CMa	3.0320	24000.	91	35700	No
46	GOM_NL__2PRFIN20081228_023003_000000532075_00075_35700_3578.N1	28-DEC-2008 02:30:03	Straylight	52.500	1	9Alp CMa	-1.4400	11000.	105	35700	No
47	GOM_NL__2PRFIN20081228_023311_000000472075_00075_35700_3579.N1	28-DEC-2008 02:33:11	Straylight	46.500	7	19Bet Ori	0.10000	14000.	93	35700	No
48	GOM_NL__2PRFIN20081228_023507_000000422075_00075_35700_3580.N1	28-DEC-2008 02:35:07	Straylight	41.500	30	46Eps Ori	1.6940	30000.	83	35700	No
49	GOM_NL__2PRFIN20081228_023745_000000522075_00075_35700_3581.N1	28-DEC-2008 02:37:45	Tw_i_and_stray	52.000	14	58Alp Ori	0.87000	3000.0	104	35700	No
50	GOM_NL__2PRFIN20081228_024022_000000522075_00075_35700_3582.N1	28-DEC-2008 02:40:22	Bright	52.000	13	87Alp Tau	0.86700	3800.0	104	35700	No
51	GOM_NL__2PRFIN20081228_024145_000000552075_00075_35700_3583.N1	28-DEC-2008 02:41:45	Bright	55.000	176	23Zet Tau	3.0200	22000.	110	35700	No
52	GOM_NL__2PRFIN20081228_024351_000000392075_00075_35700_3584.N1	28-DEC-2008 02:43:51	Bright	39.000	28	12Bet Tau	1.6500	15200.	78	35700	No
53	GOM_NL__2PRFIN20081228_024650_000000402075_00075_35700_3585.N1	28-DEC-2008 02:46:50	Bright	40.000	107	37The Aur	2.6490	11000.	80	35700	No
54	GOM_NL__2PRFIN20081228_024846_000000402075_00075_35700_3586.N1	28-DEC-2008 02:48:46	Bright	39.500	6	13Alp Aur	0.080000	3400.0	79	35700	No
55	GOM_NL__2PRFIN20081228_030051_000000332075_00075_35700_3587.N1	28-DEC-2008 03:00:51	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	35700	No
56	GOM_NL__2PRFIN20081228_030523_000000372075_00075_35700_3588.N1	28-DEC-2008 03:05:23	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	35700	No
57	GOM_NL__2PRFIN20081228_030906_000000372075_00075_35700_3589.N1	28-DEC-2008 03:09:06	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	35700	No
58	GOM_NL__2PRFIN20081228_031618_000000402075_00075_35700_3590.N1	28-DEC-2008 03:16:18	Bright	40.000	180	27Gam Boo	3.0400	8000.0	80	35700	No
59	GOM_NL__2PRFIN20081228_031951_000000592075_00075_35700_3591.N1	28-DEC-2008 03:19:51	Bright	59.000	83		2.3780	11000.	118	35700	No
60	GOM_NL__2PRFIN20081228_032503_000000352075_00075_35700_3592.N1	28-DEC-2008 03:25:03	Bright	34.500	102	24Alp Ser	2.6000	4250.0	69	35700	No
61	GOM_NL__2PRFIN20081228_033000_000000542075_00075_35700_3593.N1	28-DEC-2008 03:30:00	Bright	54.000	104	27Bet Lib	2.6140	13100.	108	35700	No
62	GOM_NL__2PRFIN20081228_033232_000000412075_00075_35700_3594.N1	28-DEC-2008 03:32:32	Tw_i_and_stray	41.000	122	9Alp2Lib	2.7470	9700.0	82	35700	No
63	GOM_NL__2PRFIN20081228_033919_000000392075_00075_35700_3595.N1	28-DEC-2008 03:39:19	Dark	39.000	54	5The Cen	2.0550	4500.0	78	35700	No
64	GOM_NL__2PRFIN20081228_034049_000000382075_00075_35700_3596.N1	28-DEC-2008 03:40:49	Dark	37.500	78	Alp Lup	2.3040	28000.	75	35700	No
65	GOM_NL__2PRFIN20081228_034210_000000382075_00075_35700_3597.N1	28-DEC-2008 03:42:10	Dark	38.000	95	Zet Cen	2.5450	26000.	76	35700	No
66	GOM_NL__2PRFIN20081228_034529_000000412075_00076_35701_3581.N1	28-DEC-2008 03:45:29	Dark	40.500	64	Gam Cen	2.2000	10600.	81	35701	No
67	GOM_NL__2PRFIN20081228_035134_000000452075_00076_35701_3582.N1	28-DEC-2008 03:51:34	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	35701	No
68	GOM_NL__2PRFIN20081228_035312_000000392075_00076_35701_3583.N1	28-DEC-2008 03:53:12	Dark	38.500	29	Bet Car	1.6720	10200.	77	35701	No
69	GOM_NL__2PRFIN20081228_035453_000000412075_00076_35701_3584.N1	28-DEC-2008 03:54:53	Dark	41.000	91	Kap Vel	2.4900	26000.	82	35701	No
70	GOM_NL__2PRFIN20081228_035620_000000402075_00076_35701_3585.N1	28-DEC-2008 03:56:20	Dark	40.000	46	Del Vel	1.9540	10600.	80	35701	No
71	GOM_NL__2PRFIN20081228_040028_000000442075_00076_35701_3586.N1	28-DEC-2008 04:00:28	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	35701	No
72	GOM_NL__2PRFIN20081228_040336_000000482075_00076_35701_3587.N1	28-DEC-2008 04:03:36	Dark	47.500	117	Pi Pup	2.7060	3800.0	95	35701	No
73	GOM_NL__2PRFIN20081228_040630_000000442075_00076_35701_3588.N1	28-DEC-2008 04:06:30	Straylight	43.500	23	21Eps CMa	1.5020	26000.	87	35701	No
74	GOM_NL__2PRFIN20081228_040805_000000462075_00076_35701_3589.N1	28-DEC-2008 04:08:05	Straylight	45.500	179	24Omi2CMa	3.0320	24000.	91	35701	No
75	GOM_NL__2PRFIN20081228_041039_000000522075_00076_35701_3590.N1	28-DEC-2008 04:10:39	Straylight	51.500	1	9Alp CMa	-1.4400	11000.	103	35701	No
76	GOM_NL__2PRFIN20081228_041347_000000442075_00076_35701_3591.N1	28-DEC-2008 04:13:47	Straylight	44.000	7	19Bet Ori	0.10000	14000.	88	35701	No
77	GOM_NL__2PRFIN20081228_041543_000000432075_00076_35701_3592.N1	28-DEC-2008 04:15:43	Straylight	43.000	30	46Eps Ori	1.6940	30000.	86	35701	No
78	GOM_NL__2PRFIN20081228_041821_000000572075_00076_35701_3593.N1	28-DEC-2008 04:18:21	Tw_i_and_stray	57.000	14	58Alp Ori	0.87000	3000.0	114	35701	No
79	GOM_NL__2PRFIN20081228_042058_000000482075_00076_35701_3594.N1	28-DEC-2008 04:20:58	Bright	47.500	13	87Alp Tau	0.86700	3800.0	95	35701	No
80	GOM_NL__2PRFIN20081228_042221_000000492075_00076_35701_3595.N1	28-DEC-2008 04:22:21	Bright	48.500	176	23Zet Tau	3.0200	22000.	97	35701	No
81	GOM_NL__2PRFIN20081228_042426_000000392075_00076_35701_3596.N1	28-DEC-2008 04:24:26	Bright	38.500	28	12Bet Tau	1.6500	15200.	77	35701	No
82	GOM_NL__2PRFIN20081228_042726_000000402075_00076_35701_3597.N1	28-DEC-2008 04:27:26	Bright	39.500	107	37The Aur	2.6490	11000.	79	35701	No
83	GOM_NL__2PRFIN20081228_042922_000000432075_00076_35701_3598.N1	28-DEC-2008 04:29:22	Bright	42.500	6	13Alp Aur	0.080000	3400.0	85	35701	No
84	GOM_NL__2PRFIN20081228_044127_000000362075_00076_35701_3599.N1	28-DEC-2008 04:41:27	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	35701	No
85	GOM_NL__2PRFIN20081228_044559_000000382075_00076_35701_3600.N1	28-DEC-2008 04:45:59	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	35701	No
86	GOM_NL__2PRFIN20081228_044943_000000362075_00076_35701_3601.N1	28-DEC-2008 04:49:43	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	35701	No
87	GOM_NL__2PRFIN20081228_045654_000000512075_00076_35701_3602.N1	28-DEC-2008 04:56:54	Bright	50.500	180	27Gam Boo	3.0400	8000.0	101	35701	No
88	GOM_NL__2PRFIN20081228_050028_000000592075_00076_35701_3603.N1	28-DEC-2008 05:00:28	Bright	59.000	83		2.3780	11000.	118	35701	No
89	GOM_NL__2PRFIN20081228_050540_000000342075_00076_35701_3604.N1	28-DEC-2008 05:05:40	Bright	34.000	102	24Alp Ser	2.6000	4250.0	68	35701	No
90	GOM_NL__2PRFIN20081228_051036_000000542075_00076_35701_3605.N1	28-DEC-2008 05:10:36	Bright	54.000	104	27Bet Lib	2.6140	13100.	108	35701	No
91	GOM_NL__2PRFIN20081228_051309_000000422075_00076_35701_3606.N1	28-DEC-2008 05:13:09	Tw_i_and_stray	42.000	122	9Alp2Lib	2.7470	9700.0	84	35701	No
92	GOM_NL__2PRFIN20081228_051956_000000462075_00076_35701_3607.N1	28-DEC-2008 05:19:56	Dark	45.500	54	5The Cen	2.0550	4500.0	91	35701	No
93	GOM_NL__2PRFIN20081228_052126_000000372075_00076_35701_3608.N1	28-DEC-2008 05:21:26	Dark	36.500	78	Alp Lup	2.3040	28000.	73	35701	No
94	GOM_NL__2PRFIN20081228_052246_000000402075_00076_35701_3609.N1	28-DEC-2008 05:22:46	Dark	40.000	95	Zet Cen	2.5450	26000.	80	35701	No
95	GOM_NL__2PRFIN20081228_052606_000000412075_00077_35702_3595.N1	28-DEC-2008 05:26:06	Dark	41.000	64	Gam Cen	2.2000	10600.	82	35702	No
96	GOM_NL__2PRFIN20081228_053211_000000462075_00077_35702_3596.N1	28-DEC-2008 05:32:11	Dark	46.000	113	Mu Vel	2.6920	5000.0	92	35702	No
97	GOM_NL__2PRFIN20081228_053348_000000392075_00077_35702_3597.N1	28-DEC-2008 05:33:48	Dark	39.000	29	Bet Car	1.6720	10200.	78	35702	No
98	GOM_NL__2PRFIN20081228_053530_000000412075_00077_35702_3598.N1	28-DEC-2008 05:35:30	Dark	41.000	91	Kap Vel	2.4900	26000.	82	35702	No
99	GOM_NL__2PRFIN20081228_053656_000000442075_00077_35702_3599.N1	28-DEC-2008 05:36:56	Dark	43.500	46	Del Vel	1.9540	10600.	87	35702	No
100	GOM_NL__2PRFIN20081228_054104_000000482075_00077_35702_3600.N1	28-DEC-2008 05:41:04	Dark	47.500	2	Alp Car	-0.73600	7000.0	95	35702	No
101	GOM_NL__2PRFIN20081228_054413_000000472075_00077_35702_3601.N1	28-DEC-2008 05:44:13	Dark	46.500	117	Pi Pup	2.7060	3800.0	93	35702	No

102	GOM_NL__2PRFIN20081228_054706_000000442075_00077_35702_3602.N1	28-DEC-2008 05:47:06	Straylight	43.500	23	21Eps CMa	1.5020	26000.	87	35702	No
103	GOM_NL__2PRFIN20081228_054842_000000462075_00077_35702_3603.N1	28-DEC-2008 05:48:42	Straylight	45.500	179	24Omi2CMa	3.0320	24000.	91	35702	No
104	GOM_NL__2PRFIN20081228_055115_000000522075_00077_35702_3604.N1	28-DEC-2008 05:51:15	Straylight	51.500	1	9Alp CMa	-1.4400	11000.	103	35702	No
105	GOM_NL__2PRFIN20081228_055423_000000442075_00077_35702_3605.N1	28-DEC-2008 05:54:23	Straylight	44.000	7	19Bet Ori	0.10000	14000.	88	35702	No
106	GOM_NL__2PRFIN20081228_055619_000000432075_00077_35702_3606.N1	28-DEC-2008 05:56:19	Straylight	42.500	30	46Eps Ori	1.6940	30000.	85	35702	No
107	GOM_NL__2PRFIN20081228_055857_000000532075_00077_35702_3607.N1	28-DEC-2008 05:58:57	Tw_i_and_stray	53.000	14	58Alp Ori	0.87000	3000.0	106	35702	No
108	GOM_NL__2PRFIN20081228_060134_000000472075_00077_35702_3608.N1	28-DEC-2008 06:01:34	Bright	47.000	13	87Alp Tau	0.86700	3800.0	94	35702	No
109	GOM_NL__2PRFIN20081228_060257_000000372075_00077_35702_3609.N1	28-DEC-2008 06:02:57	Bright	37.000	176	23Zet Tau	3.0200	22000.	74	35702	No
110	GOM_NL__2PRFIN20081228_060502_000000482075_00077_35702_3610.N1	28-DEC-2008 06:05:02	Bright	47.500	28	12Bet Tau	1.6500	15200.	95	35702	No
111	GOM_NL__2PRFIN20081228_060801_000000402075_00077_35702_3611.N1	28-DEC-2008 06:08:01	Bright	39.500	107	37The Aur	2.6490	11000.	79	35702	No
112	GOM_NL__2PRFIN20081228_060958_000000402075_00077_35702_3612.N1	28-DEC-2008 06:09:58	Bright	39.500	6	13Alp Aur	0.080000	3400.0	79	35702	No
113	GOM_NL__2PRFIN20081228_062203_000000362075_00077_35702_3613.N1	28-DEC-2008 06:22:03	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	35702	No
114	GOM_NL__2PRFIN20081228_062635_000000372075_00077_35702_3614.N1	28-DEC-2008 06:26:35	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	35702	No
115	GOM_NL__2PRFIN20081228_063019_000000362075_00077_35702_3615.N1	28-DEC-2008 06:30:19	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	35702	No
116	GOM_NL__2PRFIN20081228_063730_000000442075_00077_35702_3616.N1	28-DEC-2008 06:37:30	Bright	44.000	180	27Gam Boo	3.0400	8000.0	88	35702	No
117	GOM_NL__2PRFIN20081228_064104_000000482075_00077_35702_3617.N1	28-DEC-2008 06:41:04	Bright	48.000	83		2.3780	11000.	96	35702	No
118	GOM_NL__2PRFIN20081228_064616_000000352075_00077_35702_3618.N1	28-DEC-2008 06:46:16	Bright	34.500	102	24Alp Ser	2.6000	4250.0	69	35702	No
119	GOM_NL__2PRFIN20081228_065113_000000352075_00077_35702_3619.N1	28-DEC-2008 06:51:13	Bright	35.000	104	27Bet Lib	2.6140	13100.	70	35702	No
120	GOM_NL__2PRFIN20081228_065345_000000432075_00077_35702_3620.N1	28-DEC-2008 06:53:45	Tw_i_and_stray	43.000	122	9Alp2Lib	2.7470	9700.0	86	35702	No
121	GOM_NL__2PRFIN20081228_070032_000000462075_00077_35702_3621.N1	28-DEC-2008 07:00:32	Dark	46.000	54	5The Cen	2.0550	4500.0	92	35702	No
122	GOM_NL__2PRFIN20081228_070202_000000382075_00077_35702_3622.N1	28-DEC-2008 07:02:02	Dark	38.000	78	Alp Lup	2.3040	28000.	76	35702	No
123	GOM_NL__2PRFIN20081228_070323_000000402075_00077_35702_3623.N1	28-DEC-2008 07:03:23	Dark	40.000	95	Zet Cen	2.5450	26000.	80	35702	No
124	GOM_NL__2PRFIN20081228_070510_000000392075_00077_35702_3624.N1	28-DEC-2008 07:05:10	Dark	38.500	77	Eps Cen	2.3030	28000.	77	35702	No
125	GOM_NL__2PRFIN20081228_070643_000000422075_00078_35703_3612.N1	28-DEC-2008 07:06:43	Dark	41.500	64	Gam Cen	2.2000	10600.	83	35703	No
126	GOM_NL__2PRFIN20081228_071247_000000462075_00078_35703_3613.N1	28-DEC-2008 07:12:47	Dark	46.000	113	Mu Vel	2.6920	5000.0	92	35703	No
127	GOM_NL__2PRFIN20081228_071425_000000372075_00078_35703_3614.N1	28-DEC-2008 07:14:25	Dark	37.000	29	Bet Car	1.6720	10200.	74	35703	No
128	GOM_NL__2PRFIN20081228_071607_000000422075_00078_35703_3615.N1	28-DEC-2008 07:16:07	Dark	41.500	91	Kap Vel	2.4900	26000.	83	35703	No
129	GOM_NL__2PRFIN20081228_071733_000000462075_00078_35703_3616.N1	28-DEC-2008 07:17:33	Dark	46.000	46	Del Vel	1.9540	10600.	92	35703	No
130	GOM_NL__2PRFIN20081228_072141_000000512075_00078_35703_3617.N1	28-DEC-2008 07:21:41	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	35703	No
131	GOM_NL__2PRFIN20081228_072449_000000512075_00078_35703_3618.N1	28-DEC-2008 07:24:49	Dark	50.500	117	Pi Pup	2.7060	3800.0	101	35703	No
132	GOM_NL__2PRFIN20081228_072742_000000472075_00078_35703_3619.N1	28-DEC-2008 07:27:42	Straylight	47.000	23	21Eps CMa	1.5020	26000.	94	35703	No
133	GOM_NL__2PRFIN20081228_072918_000000432075_00078_35703_3620.N1	28-DEC-2008 07:29:18	Straylight	42.500	179	24Omi2CMa	3.0320	24000.	85	35703	No
134	GOM_NL__2PRFIN20081228_073151_000000532075_00078_35703_3621.N1	28-DEC-2008 07:31:51	Straylight	52.500	1	9Alp CMa	-1.4400	11000.	105	35703	No
135	GOM_NL__2PRFIN20081228_073459_000000442075_00078_35703_3622.N1	28-DEC-2008 07:34:59	Straylight	44.000	7	19Bet Ori	0.10000	14000.	88	35703	No
136	GOM_NL__2PRFIN20081228_073655_000000432075_00078_35703_3623.N1	28-DEC-2008 07:36:55	Straylight	42.500	30	46Eps Ori	1.6940	30000.	85	35703	No
137	GOM_NL__2PRFIN20081228_073933_000000552075_00078_35703_3624.N1	28-DEC-2008 07:39:33	Tw_i_and_stray	54.500	14	58Alp Ori	0.87000	3000.0	109	35703	No
138	GOM_NL__2PRFIN20081228_074210_000000522075_00078_35703_3625.N1	28-DEC-2008 07:42:10	Bright	52.000	13	87Alp Tau	0.86700	3800.0	104	35703	No
139	GOM_NL__2PRFIN20081228_074333_000000372075_00078_35703_3626.N1	28-DEC-2008 07:43:33	Bright	37.000	176	23Zet Tau	3.0200	22000.	74	35703	No
140	GOM_NL__2PRFIN20081228_074538_000000352075_00078_35703_3627.N1	28-DEC-2008 07:45:38	Bright	34.500	28	12Bet Tau	1.6500	15200.	69	35703	No
141	GOM_NL__2PRFIN20081228_074837_000000382075_00078_35703_3628.N1	28-DEC-2008 07:48:37	Bright	38.000	107	37The Aur	2.6490	11000.	76	35703	No
142	GOM_NL__2PRFIN20081228_075034_000000402075_00078_35703_3629.N1	28-DEC-2008 07:50:34	Bright	39.500	6	13Alp Aur	0.080000	3400.0	79	35703	No
143	GOM_NL__2PRFIN20081228_080239_000000372075_00078_35703_3630.N1	28-DEC-2008 08:02:39	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	35703	No
144	GOM_NL__2PRFIN20081228_080711_000000382075_00078_35703_3631.N1	28-DEC-2008 08:07:11	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	35703	No
145	GOM_NL__2PRFIN20081228_081055_000000362075_00078_35703_3632.N1	28-DEC-2008 08:10:55	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	35703	No
146	GOM_NL__2PRFIN20081228_081806_000000402075_00078_35703_3633.N1	28-DEC-2008 08:18:06	Bright	39.500	180	27Gam Boo	3.0400	8000.0	79	35703	No
147	GOM_NL__2PRFIN20081228_082140_000000402075_00078_35703_3634.N1	28-DEC-2008 08:21:40	Bright	40.000	83		2.3780	11000.	80	35703	No
148	GOM_NL__2PRFIN20081228_082652_000000352075_00078_35703_3635.N1	28-DEC-2008 08:26:52	Bright	34.500	102	24Alp Ser	2.6000	4250.0	69	35703	No
149	GOM_NL__2PRFIN20081228_083149_000000372075_00078_35703_3636.N1	28-DEC-2008 08:31:49	Bright	36.500	104	27Bet Lib	2.6140	13100.	73	35703	No
150	GOM_NL__2PRFIN20081228_083422_000000432075_00078_35703_3637.N1	28-DEC-2008 08:34:22	Tw_i_and_stray	43.000	122	9Alp2Lib	2.7470	9700.0	86	35703	No
151	GOM_NL__2PRFIN20081228_084109_000000452075_00078_35703_3638.N1	28-DEC-2008 08:41:09	Dark	45.000	54	5The Cen	2.0550	4500.0	90	35703	No
152	GOM_NL__2PRFIN20081228_084239_000000382075_00078_35703_3639.N1	28-DEC-2008 08:42:39	Dark	38.000	78	Alp Lup	2.3040	28000.	76	35703	No
153	GOM_NL__2PRFIN20081228_084359_000000392075_00078_35703_3640.N1	28-DEC-2008 08:43:59	Dark	39.000	95	Zet Cen	2.5450	26000.	78	35703	No
154	GOM_NL__2PRFIN20081228_084546_000000412075_00078_35703_3641.N1	28-DEC-2008 08:45:46	Dark	40.500	77	Eps Cen	2.3030	28000.	81	35703	No
155	GOM_NL__2PRFIN20081228_084719_000000412075_00079_35704_3628.N1	28-DEC-2008 08:47:19	Dark	40.500	64	Gam Cen	2.2000	10600.	81	35704	No
156	GOM_NL__2PRFIN20081228_085324_000000462075_00079_35704_3629.N1	28-DEC-2008 08:53:24	Dark	45.500	113	Mu Vel	2.6920	5000.0	91	35704	No
157	GOM_NL__2PRFIN20081228_085501_000000392075_00079_35704_3630.N1	28-DEC-2008 08:55:01	Dark	39.000	29	Bet Car	1.6720	10200.	78	35704	No
158	GOM_NL__2PRFIN20081228_085643_000000462075_00079_35704_3631.N1	28-DEC-2008 08:56:43	Dark	45.500	91	Kap Vel	2.4900	26000.	91	35704	No
159	GOM_NL__2PRFIN20081228_085809_000000412075_00079_35704_3632.N1	28-DEC-2008 08:58:09	Dark	40.500	46	Del Vel	1.9540	10600.	81	35704	No
160	GOM_NL__2PRFIN20081228_090217_000000442075_00079_35704_3633.N1	28-DEC-2008 09:02:17	Dark	43.500	2	Alp Car	-0.73600	7000.0	87	35704	No



161	GOM_NL__2PRFIN20081228_090526_000000492075_00079_35704_3634.N1	28-DEC-2008 09:05:26	Dark	49.000	117	Pi Pup	2.7060	3800.0	98	35704	No
162	GOM_NL__2PRFIN20081228_090818_000000452075_00079_35704_3635.N1	28-DEC-2008 09:08:18	Straylight	45.000	23	21Eps CMa	1.5020	26000.	90	35704	No
163	GOM_NL__2PRFIN20081228_090954_000000462075_00079_35704_3636.N1	28-DEC-2008 09:09:54	Straylight	45.500	179	24Omi2CMa	3.0320	24000.	91	35704	No
164	GOM_NL__2PRFIN20081228_091227_000000592075_00079_35704_3637.N1	28-DEC-2008 09:12:27	Straylight	59.000	1	9Alp CMa	-1.4400	11000.	118	35704	No
165	GOM_NL__2PRFIN20081228_091535_000000462075_00079_35704_3638.N1	28-DEC-2008 09:15:35	Straylight	45.500	7	19Bet Ori	0.10000	14000.	91	35704	No
166	GOM_NL__2PRFIN20081228_091731_000000412075_00079_35704_3639.N1	28-DEC-2008 09:17:31	Straylight	40.500	30	46Eps Ori	1.6940	30000.	81	35704	No
167	GOM_NL__2PRFIN20081228_092008_000000542075_00079_35704_3640.N1	28-DEC-2008 09:20:08	Tw_i_and_stray	53.500	14	58Alp Ori	0.87000	3000.0	107	35704	No
168	GOM_NL__2PRFIN20081228_092246_000000392075_00079_35704_3641.N1	28-DEC-2008 09:22:46	Bright	39.000	13	87Alp Tau	0.86700	3800.0	78	35704	No
169	GOM_NL__2PRFIN20081228_092408_000000352075_00079_35704_3642.N1	28-DEC-2008 09:24:08	Bright	35.000	176	23Zet Tau	3.0200	22000.	70	35704	No
170	GOM_NL__2PRFIN20081228_092614_000000362075_00079_35704_3643.N1	28-DEC-2008 09:26:14	Bright	36.000	28	12Bet Tau	1.6500	15200.	72	35704	No
171	GOM_NL__2PRFIN20081228_092913_000000382075_00079_35704_3644.N1	28-DEC-2008 09:29:13	Bright	38.000	107	37The Aur	2.6490	11000.	76	35704	No
172	GOM_NL__2PRFIN20081228_093110_000000402075_00079_35704_3645.N1	28-DEC-2008 09:31:10	Bright	40.000	6	13Alp Aur	0.080000	3400.0	80	35704	No
173	GOM_NL__2PRFIN20081228_094314_000000372075_00079_35704_3646.N1	28-DEC-2008 09:43:14	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	35704	No
174	GOM_NL__2PRFIN20081228_094747_000000382075_00079_35704_3647.N1	28-DEC-2008 09:47:47	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	35704	No
175	GOM_NL__2PRFIN20081228_095131_000000362075_00079_35704_3648.N1	28-DEC-2008 09:51:31	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	35704	No
176	GOM_NL__2PRFIN20081228_095842_000000522075_00079_35704_3649.N1	28-DEC-2008 09:58:42	Bright	52.000	180	27Gam Boo	3.0400	8000.0	104	35704	No
177	GOM_NL__2PRFIN20081228_100216_000000412075_00079_35704_3650.N1	28-DEC-2008 10:02:16	Bright	41.000	83		2.3780	11000.	82	35704	No
178	GOM_NL__2PRFIN20081228_100728_000000342075_00079_35704_3651.N1	28-DEC-2008 10:07:28	Bright	34.000	102	24Alp Ser	2.6000	4250.0	68	35704	No
179	GOM_NL__2PRFIN20081228_101225_000000352075_00079_35704_3652.N1	28-DEC-2008 10:12:25	Bright	35.000	104	27Bet Lib	2.6140	13100.	70	35704	No
180	GOM_NL__2PRFIN20081228_101458_000000422075_00079_35704_3653.N1	28-DEC-2008 10:14:58	Tw_i_and_stray	41.500	122	9Alp2Lib	2.7470	9700.0	83	35704	No
181	GOM_NL__2PRFIN20081228_102146_000000452075_00079_35704_3654.N1	28-DEC-2008 10:21:46	Dark	45.000	54	5The Cen	2.0550	4500.0	90	35704	No
182	GOM_NL__2PRFIN20081228_102315_000000382075_00079_35704_3655.N1	28-DEC-2008 10:23:15	Dark	37.500	78	Alp Lup	2.3040	28000.	75	35704	No
183	GOM_NL__2PRFIN20081228_102436_000000392075_00079_35704_3656.N1	28-DEC-2008 10:24:36	Dark	39.000	95	Zet Cen	2.5450	26000.	78	35704	No
184	GOM_NL__2PRFIN20081228_102623_000000392075_00079_35704_3657.N1	28-DEC-2008 10:26:23	Dark	39.000	77	Eps Cen	2.3030	28000.	78	35704	No
185	GOM_NL__2PRFIN20081228_102756_000000442075_00080_35705_3642.N1	28-DEC-2008 10:27:56	Dark	44.000	64	Gam Cen	2.2000	10600.	88	35705	No
186	GOM_NL__2PRFIN20081228_103401_000000472075_00080_35705_3643.N1	28-DEC-2008 10:34:01	Dark	47.000	113	Mu Vel	2.6920	5000.0	94	35705	No
187	GOM_NL__2PRFIN20081228_103537_000000392075_00080_35705_3644.N1	28-DEC-2008 10:35:37	Dark	39.000	29	Bet Car	1.6720	10200.	78	35705	No
188	GOM_NL__2PRFIN20081228_103720_000000412075_00080_35705_3645.N1	28-DEC-2008 10:37:20	Dark	41.000	91	Kap Vel	2.4900	26000.	82	35705	No
189	GOM_NL__2PRFIN20081228_103846_000000432075_00080_35705_3646.N1	28-DEC-2008 10:38:46	Dark	42.500	46	Del Vel	1.9540	10600.	85	35705	No
190	GOM_NL__2PRFIN20081228_104253_000000472075_00080_35705_3647.N1	28-DEC-2008 10:42:53	Dark	46.500	2	Alp Car	-0.73600	7000.0	93	35705	No
191	GOM_NL__2PRFIN20081228_104602_000000462075_00080_35705_3648.N1	28-DEC-2008 10:46:02	Dark	45.500	117	Pi Pup	2.7060	3800.0	91	35705	No
192	GOM_NL__2PRFIN20081228_104855_000000452075_00080_35705_3649.N1	28-DEC-2008 10:48:55	Straylight	44.500	23	21Eps CMa	1.5020	26000.	89	35705	No
193	GOM_NL__2PRFIN20081228_105030_000000452075_00080_35705_3650.N1	28-DEC-2008 10:50:30	Straylight	45.000	179	24Omi2CMa	3.0320	24000.	90	35705	No
194	GOM_NL__2PRFIN20081228_105303_000000602075_00080_35705_3651.N1	28-DEC-2008 10:53:03	Straylight	60.000	1	9Alp CMa	-1.4400	11000.	120	35705	No
195	GOM_NL__2PRFIN20081228_105611_000000432075_00080_35705_3652.N1	28-DEC-2008 10:56:11	Straylight	43.000	7	19Bet Ori	0.10000	14000.	86	35705	No
196	GOM_NL__2PRFIN20081228_105807_000000442075_00080_35705_3653.N1	28-DEC-2008 10:58:07	Straylight	43.500	30	46Eps Ori	1.6940	30000.	87	35705	No
197	GOM_NL__2PRFIN20081228_110044_000000572075_00080_35705_3654.N1	28-DEC-2008 11:00:44	Tw_i_and_stray	57.000	14	58Alp Ori	0.87000	3000.0	114	35705	No
198	GOM_NL__2PRFIN20081228_110322_000000412075_00080_35705_3655.N1	28-DEC-2008 11:03:22	Bright	40.500	13	87Alp Tau	0.86700	3800.0	81	35705	No
199	GOM_NL__2PRFIN20081228_110444_000000402075_00080_35705_3656.N1	28-DEC-2008 11:04:44	Bright	39.500	176	23Zet Tau	3.0200	22000.	79	35705	No
200	GOM_NL__2PRFIN20081228_110650_000000382075_00080_35705_3657.N1	28-DEC-2008 11:06:50	Bright	38.000	28	12Bet Tau	1.6500	15200.	76	35705	No
201	GOM_NL__2PRFIN20081228_110948_000000392075_00080_35705_3658.N1	28-DEC-2008 11:09:48	Bright	39.000	107	37The Aur	2.6490	11000.	78	35705	No
202	GOM_NL__2PRFIN20081228_111145_000000412075_00080_35705_3659.N1	28-DEC-2008 11:11:45	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	35705	No
203	GOM_NL__2PRFIN20081228_112350_000000362075_00080_35705_3660.N1	28-DEC-2008 11:23:50	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	35705	No
204	GOM_NL__2PRFIN20081228_112823_000000382075_00080_35705_3661.N1	28-DEC-2008 11:28:23	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	35705	No
205	GOM_NL__2PRFIN20081228_113206_000000332075_00080_35705_3662.N1	28-DEC-2008 11:32:06	Bright	33.000	119	14Eta Dra	2.7270	4700.0	66	35705	No
206	GOM_NL__2PRFIN20081228_113918_000000412075_00080_35705_3663.N1	28-DEC-2008 11:39:18	Bright	41.000	180	27Gam Boo	3.0400	8000.0	82	35705	No
207	GOM_NL__2PRFIN20081228_114252_000000592075_00080_35705_3664.N1	28-DEC-2008 11:42:52	Bright	59.000	83		2.3780	11000.	118	35705	No
208	GOM_NL__2PRFIN20081228_114805_000000362075_00080_35705_3665.N1	28-DEC-2008 11:48:05	Bright	35.500	102	24Alp Ser	2.6000	4250.0	71	35705	No
209	GOM_NL__2PRFIN20081228_115302_000000502075_00080_35705_3666.N1	28-DEC-2008 11:53:02	Bright	49.500	104	27Bet Lib	2.6140	13100.	99	35705	No
210	GOM_NL__2PRFIN20081228_115535_000000422075_00080_35705_3667.N1	28-DEC-2008 11:55:35	Tw_i_and_stray	42.000	122	9Alp2Lib	2.7470	9700.0	84	35705	No
211	GOM_NL__2PRFIN20081228_120222_000000452075_00080_35705_3668.N1	28-DEC-2008 12:02:22	Dark	45.000	54	5The Cen	2.0550	4500.0	90	35705	No
212	GOM_NL__2PRFIN20081228_120351_000000382075_00080_35705_3669.N1	28-DEC-2008 12:03:51	Dark	37.500	78	Alp Lup	2.3040	28000.	75	35705	No
213	GOM_NL__2PRFIN20081228_120512_000000412075_00080_35705_3670.N1	28-DEC-2008 12:05:12	Dark	40.500	95	Zet Cen	2.5450	26000.	81	35705	No
214	GOM_NL__2PRFIN20081228_120659_000000402075_00080_35705_3671.N1	28-DEC-2008 12:06:59	Dark	40.000	77	Eps Cen	2.3030	28000.	80	35705	No
215	GOM_NL__2PRFIN20081228_120833_000000412075_00081_35706_3656.N1	28-DEC-2008 12:08:33	Dark	41.000	64	Gam Cen	2.2000	10600.	82	35706	No
216	GOM_NL__2PRFIN20081228_121410_000000392075_00081_35706_3657.N1	28-DEC-2008 12:14:10	Dark	39.000	124	The Car	2.7640	30000.	78	35706	No
217	GOM_NL__2PRFIN20081228_121613_000000382075_00081_35706_3658.N1	28-DEC-2008 12:16:13	Dark	38.000	29	Bet Car	1.6720	10200.	76	35706	No
218	GOM_NL__2PRFIN20081228_121756_000000412075_00081_35706_3659.N1	28-DEC-2008 12:17:56	Dark	41.000	91	Kap Vel	2.4900	26000.	82	35706	No
219	GOM_NL__2PRFIN20081228_121922_000000412075_00081_35706_3660.N1	28-DEC-2008 12:19:22	Dark	41.000	46	Del Vel	1.9540	10600.	82	35706	No

220	GOM_NL__2PRFIN20081228_122329_000000382075_00081_35706_3661.N1	28-DEC-2008 12:23:29	Dark	37.500	2	Alp Car	-0.73600	7000.0	75	35706	No
221	GOM_NL__2PRFIN20081228_122638_000000492075_00081_35706_3662.N1	28-DEC-2008 12:26:38	Dark	49.000	117	Pi Pup	2.7060	3800.0	98	35706	No
222	GOM_NL__2PRFIN20081228_122931_000000462075_00081_35706_3663.N1	28-DEC-2008 12:29:31	Straylight	46.000	23	21Eps CMa	1.5020	26000.	92	35706	No
223	GOM_NL__2PRFIN20081228_123106_000000442075_00081_35706_3664.N1	28-DEC-2008 12:31:06	Straylight	43.500	179	24Omi2CMa	3.0320	24000.	87	35706	No
224	GOM_NL__2PRFIN20081228_123339_000000512075_00081_35706_3665.N1	28-DEC-2008 12:33:39	Straylight	51.000	1	9Alp CMa	-1.4400	11000.	102	35706	No
225	GOM_NL__2PRFIN20081228_123647_000000452075_00081_35706_3666.N1	28-DEC-2008 12:36:47	Straylight	45.000	7	19Bet Ori	0.10000	14000.	90	35706	No
226	GOM_NL__2PRFIN20081228_123843_000000432075_00081_35706_3667.N1	28-DEC-2008 12:38:43	Straylight	42.500	30	46Eps Ori	1.6940	30000.	85	35706	No
227	GOM_NL__2PRFIN20081228_124120_000000562075_00081_35706_3668.N1	28-DEC-2008 12:41:20	Tw_i_and_stray	56.000	14	58Alp Ori	0.87000	3000.0	112	35706	No
228	GOM_NL__2PRFIN20081228_124358_000000422075_00081_35706_3669.N1	28-DEC-2008 12:43:58	Bright	42.000	13	87Alp Tau	0.86700	3800.0	84	35706	No
229	GOM_NL__2PRFIN20081228_124520_000000492075_00081_35706_3670.N1	28-DEC-2008 12:45:20	Bright	48.500	176	23Zet Tau	3.0200	22000.	97	35706	No
230	GOM_NL__2PRFIN20081228_124725_000000392075_00081_35706_3671.N1	28-DEC-2008 12:47:25	Bright	38.500	28	12Bet Tau	1.6500	15200.	77	35706	No
231	GOM_NL__2PRFIN20081228_125024_000000402075_00081_35706_3672.N1	28-DEC-2008 12:50:24	Bright	39.500	107	37The Aur	2.6490	11000.	79	35706	No
232	GOM_NL__2PRFIN20081228_125221_000000402075_00081_35706_3673.N1	28-DEC-2008 12:52:21	Bright	40.000	6	13Alp Aur	0.080000	3400.0	80	35706	No
233	GOM_NL__2PRFIN20081228_130426_000000372075_00081_35706_3674.N1	28-DEC-2008 13:04:26	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	35706	No
234	GOM_NL__2PRFIN20081228_130858_000000352075_00081_35706_3675.N1	28-DEC-2008 13:08:58	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	35706	No
235	GOM_NL__2PRFIN20081228_131242_000000372075_00081_35706_3676.N1	28-DEC-2008 13:12:42	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	35706	No
236	GOM_NL__2PRFIN20081228_131954_000000602075_00081_35706_3677.N1	28-DEC-2008 13:19:54	Bright	60.000	180	27Gam Boo	3.0400	8000.0	120	35706	No
237	GOM_NL__2PRFIN20081228_132328_000000402075_00081_35706_3678.N1	28-DEC-2008 13:23:28	Bright	39.500	83		2.3780	11000.	79	35706	No
238	GOM_NL__2PRFIN20081228_132841_000000342075_00081_35706_3679.N1	28-DEC-2008 13:28:41	Bright	34.000	102	24Alp Ser	2.6000	4250.0	68	35706	No
239	GOM_NL__2PRFIN20081228_133338_000000372075_00081_35706_3680.N1	28-DEC-2008 13:33:38	Bright	37.000	104	27Bet Lib	2.6140	13100.	74	35706	No
240	GOM_NL__2PRFIN20081228_133611_000000412075_00081_35706_3681.N1	28-DEC-2008 13:36:11	Tw_i_and_stray	40.500	122	9Alp2Lib	2.7470	9700.0	81	35706	No
241	GOM_NL__2PRFIN20081228_134259_000000462075_00081_35706_3682.N1	28-DEC-2008 13:42:59	Dark	46.000	54	5The Cen	2.0550	4500.0	92	35706	No
242	GOM_NL__2PRFIN20081228_134427_000000392075_00081_35706_3683.N1	28-DEC-2008 13:44:27	Dark	38.500	78	Alp Lup	2.3040	28000.	77	35706	No
243	GOM_NL__2PRFIN20081228_134548_000000392075_00081_35706_3684.N1	28-DEC-2008 13:45:48	Dark	39.000	95	Zet Cen	2.5450	26000.	78	35706	No
244	GOM_NL__2PRFIN20081228_134735_000000392075_00081_35706_3685.N1	28-DEC-2008 13:47:35	Dark	38.500	77	Eps Cen	2.3030	28000.	77	35706	No
245	GOM_NL__2PRFIN20081228_134909_000000422075_00082_35707_3670.N1	28-DEC-2008 13:49:09	Dark	42.000	64	Gam Cen	2.2000	10600.	84	35707	No
246	GOM_NL__2PRFIN20081228_135446_000000382075_00082_35707_3671.N1	28-DEC-2008 13:54:46	Dark	37.500	124	The Car	2.7640	30000.	75	35707	No
247	GOM_NL__2PRFIN20081228_135650_000000382075_00082_35707_3672.N1	28-DEC-2008 13:56:50	Dark	37.500	29	Bet Car	1.6720	10200.	75	35707	No
248	GOM_NL__2PRFIN20081228_135833_000000432075_00082_35707_3673.N1	28-DEC-2008 13:58:33	Dark	42.500	91	Kap Vel	2.4900	26000.	85	35707	No
249	GOM_NL__2PRFIN20081228_135959_000000432075_00082_35707_3674.N1	28-DEC-2008 13:59:59	Dark	42.500	46	Del Vel	1.9540	10600.	85	35707	No
250	GOM_NL__2PRFIN20081228_140405_000000522075_00082_35707_3675.N1	28-DEC-2008 14:04:05	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	35707	No
251	GOM_NL__2PRFIN20081228_140714_000000482075_00082_35707_3676.N1	28-DEC-2008 14:07:14	Dark	48.000	117	Pi Pup	2.7060	3800.0	96	35707	No
252	GOM_NL__2PRFIN20081228_141007_000000472075_00082_35707_3677.N1	28-DEC-2008 14:10:07	Straylight	46.500	23	21Eps CMa	1.5020	26000.	93	35707	No
253	GOM_NL__2PRFIN20081228_141142_000000452075_00082_35707_3678.N1	28-DEC-2008 14:11:42	Straylight	45.000	179	24Omi2CMa	3.0320	24000.	90	35707	No
254	GOM_NL__2PRFIN20081228_141415_000000532075_00082_35707_3679.N1	28-DEC-2008 14:14:15	Straylight	53.000	1	9Alp CMa	-1.4400	11000.	106	35707	No
255	GOM_NL__2PRFIN20081228_141723_000000442075_00082_35707_3680.N1	28-DEC-2008 14:17:23	Straylight	44.000	7	19Bet Ori	0.10000	14000.	88	35707	No
256	GOM_NL__2PRFIN20081228_141919_000000402075_00082_35707_3681.N1	28-DEC-2008 14:19:19	Straylight	40.000	30	46Eps Ori	1.6940	30000.	80	35707	No
257	GOM_NL__2PRFIN20081228_142156_000000552075_00082_35707_3682.N1	28-DEC-2008 14:21:56	Tw_i_and_stray	54.500	14	58Alp Ori	0.87000	3000.0	109	35707	No
258	GOM_NL__2PRFIN20081228_142434_000000522075_00082_35707_3683.N1	28-DEC-2008 14:24:34	Bright	52.000	13	87Alp Tau	0.86700	3800.0	104	35707	No
259	GOM_NL__2PRFIN20081228_142555_000000452075_00082_35707_3684.N1	28-DEC-2008 14:25:55	Bright	44.500	176	23Zet Tau	3.0200	22000.	89	35707	No
260	GOM_NL__2PRFIN20081228_142801_000000392075_00082_35707_3685.N1	28-DEC-2008 14:28:01	Bright	39.000	28	12Bet Tau	1.6500	15200.	78	35707	No
261	GOM_NL__2PRFIN20081228_143059_000000392075_00082_35707_3686.N1	28-DEC-2008 14:30:59	Bright	38.500	107	37The Aur	2.6490	11000.	77	35707	No
262	GOM_NL__2PRFIN20081228_143257_000000382075_00082_35707_3687.N1	28-DEC-2008 14:32:57	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	35707	No
263	GOM_NL__2PRFIN20081228_144502_000000362075_00082_35707_3688.N1	28-DEC-2008 14:45:02	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	35707	No
264	GOM_NL__2PRFIN20081228_144934_000000382075_00082_35707_3689.N1	28-DEC-2008 14:49:34	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	35707	No
265	GOM_NL__2PRFIN20081228_145319_000000372075_00082_35707_3690.N1	28-DEC-2008 14:53:19	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	35707	No
266	GOM_NL__2PRFIN20081228_150030_000000402075_00082_35707_3691.N1	28-DEC-2008 15:00:30	Bright	39.500	180	27Gam Boo	3.0400	8000.0	79	35707	No
267	GOM_NL__2PRFIN20081228_150404_000000442075_00082_35707_3692.N1	28-DEC-2008 15:04:04	Bright	44.000	83		2.3780	11000.	88	35707	No
268	GOM_NL__2PRFIN20081228_150917_000000342075_00082_35707_3693.N1	28-DEC-2008 15:09:17	Bright	34.000	102	24Alp Ser	2.6000	4250.0	68	35707	No
269	GOM_NL__2PRFIN20081228_151414_000000372075_00082_35707_3694.N1	28-DEC-2008 15:14:14	Bright	36.500	104	27Bet Lib	2.6140	13100.	73	35707	No
270	GOM_NL__2PRFIN20081228_151648_000000422075_00082_35707_3695.N1	28-DEC-2008 15:16:48	Tw_i_and_stray	41.500	122	9Alp2Lib	2.7470	9700.0	83	35707	No
271	GOM_NL__2PRFIN20081228_152335_000000442075_00082_35707_3696.N1	28-DEC-2008 15:23:35	Dark	43.500	54	5The Cen	2.0550	4500.0	87	35707	No
272	GOM_NL__2PRFIN20081228_152504_000000392075_00082_35707_3697.N1	28-DEC-2008 15:25:04	Dark	38.500	78	Alp Lup	2.3040	28000.	77	35707	No
273	GOM_NL__2PRFIN20081228_152625_000000392075_00082_35707_3698.N1	28-DEC-2008 15:26:25	Dark	39.000	95	Zet Cen	2.5450	26000.	78	35707	No
274	GOM_NL__2PRFIN20081228_152812_000000392075_00082_35707_3699.N1	28-DEC-2008 15:28:12	Dark	38.500	77	Eps Cen	2.3030	28000.	77	35707	No
275	GOM_NL__2PRFIN20081228_152946_000000422075_00083_35708_3684.N1	28-DEC-2008 15:29:46	Dark	41.500	64	Gam Cen	2.2000	10600.	83	35708	No
276	GOM_NL__2PRFIN20081228_153522_000000392075_00083_35708_3685.N1	28-DEC-2008 15:35:22	Dark	38.500	124	The Car	2.7640	30000.	77	35708	No
277	GOM_NL__2PRFIN20081228_153726_000000382075_00083_35708_3686.N1	28-DEC-2008 15:37:26	Dark	38.000	29	Bet Car	1.6720	10200.	76	35708	No
278	GOM_NL__2PRFIN20081228_153909_000000412075_00083_35708_3687.N1	28-DEC-2008 15:39:09	Dark	41.000	91	Kap Vel	2.4900	26000.	82	35708	No

279	GOM_NL__2PRFIN20081228_154035_000000422075_00083_35708_3688.N1	28-DEC-2008 15:40:35	Dark	42.000	46	Del Vel	1.9540	10600.	84	35708	No
280	GOM_NL__2PRFIN20081228_154442_000000472075_00083_35708_3689.N1	28-DEC-2008 15:44:42	Dark	46.500	2	Alp Car	-0.73600	7000.0	93	35708	No
281	GOM_NL__2PRFIN20081228_154751_000000472075_00083_35708_3690.N1	28-DEC-2008 15:47:51	Dark	47.000	117	Pi Pup	2.7060	3800.0	94	35708	No
282	GOM_NL__2PRFIN20081228_155043_000000472075_00083_35708_3691.N1	28-DEC-2008 15:50:43	Straylight	46.500	23	21Eps CMa	1.5020	26000.	93	35708	No
283	GOM_NL__2PRFIN20081228_155218_000000452075_00083_35708_3692.N1	28-DEC-2008 15:52:18	Straylight	45.000	179	24Omi2CMa	3.0320	24000.	90	35708	No
284	GOM_NL__2PRFIN20081228_155451_000000542075_00083_35708_3693.N1	28-DEC-2008 15:54:51	Straylight	53.500	1	9Alp CMa	-1.4400	11000.	107	35708	No
285	GOM_NL__2PRFIN20081228_155759_000000432075_00083_35708_3694.N1	28-DEC-2008 15:57:59	Straylight	43.000	7	19Bet Ori	0.10000	14000.	86	35708	No
286	GOM_NL__2PRFIN20081228_155955_000000422075_00083_35708_3695.N1	28-DEC-2008 15:59:55	Straylight	42.000	30	46Eps Ori	1.6940	30000.	84	35708	No
287	GOM_NL__2PRFIN20081228_160231_000000532075_00083_35708_3696.N1	28-DEC-2008 16:02:31	Tw_i_and_stray	52.500	14	58Alp Ori	0.87000	3000.0	105	35708	No
288	GOM_NL__2PRFIN20081228_160510_000000522075_00083_35708_3697.N1	28-DEC-2008 16:05:10	Bright	52.000	13	87Alp Tau	0.86700	3800.0	104	35708	No
289	GOM_NL__2PRFIN20081228_160631_000000532075_00083_35708_3698.N1	28-DEC-2008 16:06:31	Bright	52.500	176	23Zet Tau	3.0200	22000.	105	35708	No
290	GOM_NL__2PRFIN20081228_160837_000000382075_00083_35708_3699.N1	28-DEC-2008 16:08:37	Bright	37.500	28	12Bet Tau	1.6500	15200.	75	35708	No
291	GOM_NL__2PRFIN20081228_161135_000000402075_00083_35708_3700.N1	28-DEC-2008 16:11:35	Bright	39.500	107	37The Aur	2.6490	11000.	79	35708	No
292	GOM_NL__2PRFIN20081228_161333_000000412075_00083_35708_3701.N1	28-DEC-2008 16:13:33	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	35708	No
293	GOM_NL__2PRFIN20081228_162538_000000352075_00083_35708_3702.N1	28-DEC-2008 16:25:38	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	35708	No
294	GOM_NL__2PRFIN20081228_163010_000000392075_00083_35708_3703.N1	28-DEC-2008 16:30:10	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	35708	No
295	GOM_NL__2PRFIN20081228_163354_000000382075_00083_35708_3704.N1	28-DEC-2008 16:33:54	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	35708	No
296	GOM_NL__2PRFIN20081228_164106_000000412075_00083_35708_3705.N1	28-DEC-2008 16:41:06	Bright	41.000	180	27Gam Boo	3.0400	8000.0	82	35708	No
297	GOM_NL__2PRFIN20081228_164440_000000412075_00083_35708_3706.N1	28-DEC-2008 16:44:40	Bright	40.500	83		2.3780	11000.	81	35708	No
298	GOM_NL__2PRFIN20081228_164953_000000532075_00083_35708_3707.N1	28-DEC-2008 16:49:53	Bright	53.000	102	24Alp Ser	2.6000	4250.0	106	35708	No
299	GOM_NL__2PRFIN20081228_165451_000000542075_00083_35708_3708.N1	28-DEC-2008 16:54:51	Bright	54.000	104	27Bet Lib	2.6140	13100.	108	35708	No
300	GOM_NL__2PRFIN20081228_165724_000000412075_00083_35708_3709.N1	28-DEC-2008 16:57:24	Tw_i_and_stray	40.500	122	9Alp2Lib	2.7470	9700.0	81	35708	No
301	GOM_NL__2PRFIN20081228_170412_000000492075_00083_35708_3710.N1	28-DEC-2008 17:04:12	Dark	48.500	54	5The Cen	2.0550	4500.0	97	35708	No
302	GOM_NL__2PRFIN20081228_170540_000000392075_00083_35708_3711.N1	28-DEC-2008 17:05:40	Dark	38.500	78	Alp Lup	2.3040	28000.	77	35708	No
303	GOM_NL__2PRFIN20081228_170702_000000382075_00083_35708_3712.N1	28-DEC-2008 17:07:02	Dark	38.000	95	Zet Cen	2.5450	26000.	76	35708	No
304	GOM_NL__2PRFIN20081228_170848_000000382075_00083_35708_3713.N1	28-DEC-2008 17:08:48	Dark	38.000	77	Eps Cen	2.3030	28000.	76	35708	No
305	GOM_NL__2PRFIN20081228_171023_000000422075_00084_35709_3699.N1	28-DEC-2008 17:10:23	Dark	42.000	64	Gam Cen	2.2000	10600.	84	35709	No
306	GOM_NL__2PRFIN20081228_171559_000000382075_00084_35709_3700.N1	28-DEC-2008 17:15:59	Dark	38.000	124	The Car	2.7640	30000.	76	35709	No
307	GOM_NL__2PRFIN20081228_171802_000000382075_00084_35709_3701.N1	28-DEC-2008 17:18:02	Dark	38.000	29	Bet Car	1.6720	10200.	76	35709	No
308	GOM_NL__2PRFIN20081228_171946_000000412075_00084_35709_3702.N1	28-DEC-2008 17:19:46	Dark	41.000	91	Kap Vel	2.4900	26000.	82	35709	No
309	GOM_NL__2PRFIN20081228_172112_000000422075_00084_35709_3703.N1	28-DEC-2008 17:21:12	Dark	41.500	46	Del Vel	1.9540	10600.	83	35709	No
310	GOM_NL__2PRFIN20081228_172518_000000472075_00084_35709_3704.N1	28-DEC-2008 17:25:18	Dark	47.000	2	Alp Car	-0.73600	7000.0	94	35709	No
311	GOM_NL__2PRFIN20081228_172827_000000492075_00084_35709_3705.N1	28-DEC-2008 17:28:27	Dark	49.000	117	Pi Pup	2.7060	3800.0	98	35709	No
312	GOM_NL__2PRFIN20081228_173120_000000482075_00084_35709_3706.N1	28-DEC-2008 17:31:20	Straylight	47.500	23	21Eps CMa	1.5020	26000.	95	35709	No
313	GOM_NL__2PRFIN20081228_173255_000000452075_00084_35709_3707.N1	28-DEC-2008 17:32:55	Straylight	44.500	179	24Omi2CMa	3.0320	24000.	89	35709	No
314	GOM_NL__2PRFIN20081228_173527_000000522075_00084_35709_3708.N1	28-DEC-2008 17:35:27	Straylight	51.500	1	9Alp CMa	-1.4400	11000.	103	35709	No
315	GOM_NL__2PRFIN20081228_173835_000000462075_00084_35709_3709.N1	28-DEC-2008 17:38:35	Straylight	46.000	7	19Bet Ori	0.10000	14000.	92	35709	No
316	GOM_NL__2PRFIN20081228_174031_000000442075_00084_35709_3710.N1	28-DEC-2008 17:40:31	Straylight	43.500	30	46Eps Ori	1.6940	30000.	87	35709	No
317	GOM_NL__2PRFIN20081228_174307_000000522075_00084_35709_3711.N1	28-DEC-2008 17:43:07	Tw_i_and_stray	52.000	14	58Alp Ori	0.87000	3000.0	104	35709	No
318	GOM_NL__2PRFIN20081228_174546_000000522075_00084_35709_3712.N1	28-DEC-2008 17:45:46	Bright	52.000	13	87Alp Tau	0.86700	3800.0	104	35709	No
319	GOM_NL__2PRFIN20081228_174707_000000422075_00084_35709_3713.N1	28-DEC-2008 17:47:07	Bright	41.500	176	23Zet Tau	3.0200	22000.	83	35709	No
320	GOM_NL__2PRFIN20081228_174913_000000392075_00084_35709_3714.N1	28-DEC-2008 17:49:13	Bright	39.000	28	12Bet Tau	1.6500	15200.	78	35709	No
321	GOM_NL__2PRFIN20081228_175211_000000402075_00084_35709_3715.N1	28-DEC-2008 17:52:11	Bright	40.000	107	37The Aur	2.6490	11000.	80	35709	No
322	GOM_NL__2PRFIN20081228_175408_000000412075_00084_35709_3716.N1	28-DEC-2008 17:54:08	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	35709	No
323	GOM_NL__2PRFIN20081228_180614_000000372075_00084_35709_3717.N1	28-DEC-2008 18:06:14	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	35709	No
324	GOM_NL__2PRFIN20081228_181046_000000382075_00084_35709_3718.N1	28-DEC-2008 18:10:46	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	35709	No
325	GOM_NL__2PRFIN20081228_181430_000000372075_00084_35709_3719.N1	28-DEC-2008 18:14:30	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	35709	No
326	GOM_NL__2PRFIN20081228_182142_000000602075_00084_35709_3720.N1	28-DEC-2008 18:21:42	Bright	60.000	180	27Gam Boo	3.0400	8000.0	120	35709	No
327	GOM_NL__2PRFIN20081228_182516_000000462075_00084_35709_3721.N1	28-DEC-2008 18:25:16	Bright	45.500	83		2.3780	11000.	91	35709	No
328	GOM_NL__2PRFIN20081228_183029_000000362075_00084_35709_3722.N1	28-DEC-2008 18:30:29	Bright	35.500	102	24Alp Ser	2.6000	4250.0	71	35709	No
329	GOM_NL__2PRFIN20081228_183527_000000542075_00084_35709_3723.N1	28-DEC-2008 18:35:27	Bright	54.000	104	27Bet Lib	2.6140	13100.	108	35709	No
330	GOM_NL__2PRFIN20081228_183801_000000402075_00084_35709_3724.N1	28-DEC-2008 18:38:01	Tw_i_and_stray	39.500	122	9Alp2Lib	2.7470	9700.0	79	35709	No
331	GOM_NL__2PRFIN20081228_184448_000000452075_00084_35709_3725.N1	28-DEC-2008 18:44:48	Dark	45.000	54	5The Cen	2.0550	4500.0	90	35709	No
332	GOM_NL__2PRFIN20081228_184617_000000382075_00084_35709_3726.N1	28-DEC-2008 18:46:17	Dark	37.500	78	Alp Lup	2.3040	28000.	75	35709	No
333	GOM_NL__2PRFIN20081228_184738_000000392075_00084_35709_3727.N1	28-DEC-2008 18:47:38	Dark	38.500	95	Zet Cen	2.5450	26000.	77	35709	No
334	GOM_NL__2PRFIN20081228_184925_000000382075_00084_35709_3728.N1	28-DEC-2008 18:49:25	Dark	38.000	77	Eps Cen	2.3030	28000.	76	35709	No
335	GOM_NL__2PRFIN20081228_185100_000000432075_00085_35710_3711.N1	28-DEC-2008 18:51:00	Dark	42.500	64	Gam Cen	2.2000	10600.	85	35710	No
336	GOM_NL__2PRFIN20081228_185635_000000392075_00085_35710_3712.N1	28-DEC-2008 18:56:35	Dark	38.500	124	The Car	2.7640	30000.	77	35710	No
337	GOM_NL__2PRFIN20081228_185839_000000382075_00085_35710_3713.N1	28-DEC-2008 18:58:39	Dark	38.000	29	Bet Car	1.6720	10200.	76	35710	No



338	GOM_NL__2PRFIN20081228_190023_000000422075_00085_35710_3714.N1	28-DEC-2008 19:00:23	Dark	42.000	91	Kap Vel	2.4900	26000.	84	35710	No
339	GOM_NL__2PRFIN20081228_190148_000000422075_00085_35710_3715.N1	28-DEC-2008 19:01:48	Dark	42.000	46	Del Vel	1.9540	10600.	84	35710	No
340	GOM_NL__2PRFIN20081228_190554_000000532075_00085_35710_3716.N1	28-DEC-2008 19:05:54	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	35710	No
341	GOM_NL__2PRFIN20081228_190903_000000512075_00085_35710_3717.N1	28-DEC-2008 19:09:03	Dark	51.000	117	Pi Pup	2.7060	3800.0	102	35710	No
342	GOM_NL__2PRFIN20081228_191156_000000482075_00085_35710_3718.N1	28-DEC-2008 19:11:56	Straylight	47.500	23	21Eps CMa	1.5020	26000.	95	35710	No
343	GOM_NL__2PRFIN20081228_191331_000000452075_00085_35710_3719.N1	28-DEC-2008 19:13:31	Straylight	45.000	179	24Omi2CMa	3.0320	24000.	90	35710	No
344	GOM_NL__2PRFIN20081228_191604_000000522075_00085_35710_3720.N1	28-DEC-2008 19:16:04	Straylight	52.000	1	9Alp CMa	-1.4400	11000.	104	35710	No
345	GOM_NL__2PRFIN20081228_191912_000000482075_00085_35710_3721.N1	28-DEC-2008 19:19:12	Straylight	47.500	7	19Bet Ori	0.10000	14000.	95	35710	No
346	GOM_NL__2PRFIN20081228_192107_000000402075_00085_35710_3722.N1	28-DEC-2008 19:21:07	Straylight	40.000	30	46Eps Ori	1.6940	30000.	80	35710	No
347	GOM_NL__2PRFIN20081228_192343_000000532075_00085_35710_3723.N1	28-DEC-2008 19:23:43	Tw_i_and_stray	53.000	14	58Alp Ori	0.87000	3000.0	106	35710	No
348	GOM_NL__2PRFIN20081228_192622_000000502075_00085_35710_3724.N1	28-DEC-2008 19:26:22	Bright	50.000	13	87Alp Tau	0.86700	3800.0	100	35710	No
349	GOM_NL__2PRFIN20081228_192743_000000432075_00085_35710_3725.N1	28-DEC-2008 19:27:43	Bright	43.000	176	23Zet Tau	3.0200	22000.	86	35710	No
350	GOM_NL__2PRFIN20081228_192949_000000382075_00085_35710_3726.N1	28-DEC-2008 19:29:49	Bright	38.000	28	12Bet Tau	1.6500	15200.	76	35710	No
351	GOM_NL__2PRFIN20081228_193246_000000392075_00085_35710_3727.N1	28-DEC-2008 19:32:46	Bright	38.500	107	37The Aur	2.6490	11000.	77	35710	No
352	GOM_NL__2PRFIN20081228_193444_000000422075_00085_35710_3728.N1	28-DEC-2008 19:34:44	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	35710	No
353	GOM_NL__2PRFIN20081228_194650_000000372075_00085_35710_3729.N1	28-DEC-2008 19:46:50	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	35710	No
354	GOM_NL__2PRFIN20081228_195122_000000382075_00085_35710_3730.N1	28-DEC-2008 19:51:22	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	35710	No
355	GOM_NL__2PRFIN20081228_195507_000000372075_00085_35710_3731.N1	28-DEC-2008 19:55:07	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	35710	No
356	GOM_NL__2PRFIN20081228_200218_000000402075_00085_35710_3732.N1	28-DEC-2008 20:02:18	Bright	39.500	180	27Gam Boo	3.0400	8000.0	79	35710	No
357	GOM_NL__2PRFIN20081228_200553_000000402075_00085_35710_3733.N1	28-DEC-2008 20:05:53	Bright	39.500	83		2.3780	11000.	79	35710	No
358	GOM_NL__2PRFIN20081228_201106_000000532075_00085_35710_3734.N1	28-DEC-2008 20:11:06	Bright	53.000	102	24Alp Ser	2.6000	4250.0	106	35710	No
359	GOM_NL__2PRFIN20081228_201603_000000542075_00085_35710_3735.N1	28-DEC-2008 20:16:03	Bright	53.500	104	27Bet Lib	2.6140	13100.	107	35710	No
360	GOM_NL__2PRFIN20081228_201837_000000412075_00085_35710_3736.N1	28-DEC-2008 20:18:37	Tw_i_and_stray	40.500	122	9Alp2Lib	2.7470	9700.0	81	35710	No
361	GOM_NL__2PRFIN20081228_202525_000000402075_00085_35710_3737.N1	28-DEC-2008 20:25:25	Dark	39.500	54	5The Cen	2.0550	4500.0	79	35710	No
362	GOM_NL__2PRFIN20081228_202653_000000372075_00085_35710_3738.N1	28-DEC-2008 20:26:53	Dark	36.500	78	Alp Lup	2.3040	28000.	73	35710	No
363	GOM_NL__2PRFIN20081228_202815_000000402075_00085_35710_3739.N1	28-DEC-2008 20:28:15	Dark	39.500	95	Zet Cen	2.5450	26000.	79	35710	No
364	GOM_NL__2PRFIN20081228_203001_000000392075_00085_35710_3740.N1	28-DEC-2008 20:30:01	Dark	38.500	77	Eps Cen	2.3030	28000.	77	35710	No
365	GOM_NL__2PRFIN20081228_203136_000000472075_00086_35711_3728.N1	28-DEC-2008 20:31:36	Dark	46.500	64	Gam Cen	2.2000	10600.	93	35711	No
366	GOM_NL__2PRFIN20081228_203712_000000392075_00086_35711_3729.N1	28-DEC-2008 20:37:12	Dark	38.500	124	The Car	2.7640	30000.	77	35711	No
367	GOM_NL__2PRFIN20081228_203915_000000382075_00086_35711_3730.N1	28-DEC-2008 20:39:15	Dark	38.000	29	Bet Car	1.6720	10200.	76	35711	No
368	GOM_NL__2PRFIN20081228_204059_000000432075_00086_35711_3731.N1	28-DEC-2008 20:40:59	Dark	43.000	91	Kap Vel	2.4900	26000.	86	35711	No
369	GOM_NL__2PRFIN20081228_204225_000000422075_00086_35711_3732.N1	28-DEC-2008 20:42:25	Dark	42.000	46	Del Vel	1.9540	10600.	84	35711	No
370	GOM_NL__2PRFIN20081228_204630_000000452075_00086_35711_3733.N1	28-DEC-2008 20:46:30	Dark	45.000	2	Alp Car	-0.73600	7000.0	90	35711	No
371	GOM_NL__2PRFIN20081228_204940_000000462075_00086_35711_3734.N1	28-DEC-2008 20:49:40	Dark	45.500	117	Pi Pup	2.7060	3800.0	91	35711	No
372	GOM_NL__2PRFIN20081228_205232_000000442075_00086_35711_3735.N1	28-DEC-2008 20:52:32	Straylight	44.000	23	21Eps CMa	1.5020	26000.	88	35711	No
373	GOM_NL__2PRFIN20081228_205407_000000432075_00086_35711_3736.N1	28-DEC-2008 20:54:07	Straylight	42.500	179	24Omi2CMa	3.0320	24000.	85	35711	No
374	GOM_NL__2PRFIN20081228_205640_000000512075_00086_35711_3737.N1	28-DEC-2008 20:56:40	Straylight	50.500	1	9Alp CMa	-1.4400	11000.	101	35711	No
375	GOM_NL__2PRFIN20081228_205948_000000462075_00086_35711_3738.N1	28-DEC-2008 20:59:48	Straylight	45.500	7	19Bet Ori	0.10000	14000.	91	35711	No
376	GOM_NL__2PRFIN20081228_210143_000000432075_00086_35711_3739.N1	28-DEC-2008 21:01:43	Straylight	43.000	30	46Eps Ori	1.6940	30000.	86	35711	No
377	GOM_NL__2PRFIN20081228_210419_000000532075_00086_35711_3740.N1	28-DEC-2008 21:04:19	Tw_i_and_stray	52.500	14	58Alp Ori	0.87000	3000.0	105	35711	No
378	GOM_NL__2PRFIN20081228_210658_000000522075_00086_35711_3741.N1	28-DEC-2008 21:06:58	Bright	52.000	13	87Alp Tau	0.86700	3800.0	104	35711	No
379	GOM_NL__2PRFIN20081228_210819_000000452075_00086_35711_3742.N1	28-DEC-2008 21:08:19	Bright	44.500	176	23Zet Tau	3.0200	22000.	89	35711	No
380	GOM_NL__2PRFIN20081228_211024_000000392075_00086_35711_3743.N1	28-DEC-2008 21:10:24	Bright	39.000	28	12Bet Tau	1.6500	15200.	78	35711	No
381	GOM_NL__2PRFIN20081228_211322_000000402075_00086_35711_3744.N1	28-DEC-2008 21:13:22	Bright	40.000	107	37The Aur	2.6490	11000.	80	35711	No
382	GOM_NL__2PRFIN20081228_211520_000000402075_00086_35711_3745.N1	28-DEC-2008 21:15:20	Bright	39.500	6	13Alp Aur	0.080000	3400.0	79	35711	No
383	GOM_NL__2PRFIN20081228_212726_000000362075_00086_35711_3746.N1	28-DEC-2008 21:27:26	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	35711	No
384	GOM_NL__2PRFIN20081228_213158_000000382075_00086_35711_3747.N1	28-DEC-2008 21:31:58	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	35711	No
385	GOM_NL__2PRFIN20081228_213543_000000372075_00086_35711_3748.N1	28-DEC-2008 21:35:43	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	35711	No
386	GOM_NL__2PRFIN20081228_214254_000000512075_00086_35711_3749.N1	28-DEC-2008 21:42:54	Bright	51.000	180	27Gam Boo	3.0400	8000.0	102	35711	No
387	GOM_NL__2PRFIN20081228_214629_000000602075_00086_35711_3750.N1	28-DEC-2008 21:46:29	Bright	60.000	83		2.3780	11000.	120	35711	No
388	GOM_NL__2PRFIN20081228_215142_000000532075_00086_35711_3751.N1	28-DEC-2008 21:51:42	Bright	53.000	102	24Alp Ser	2.6000	4250.0	106	35711	No
389	GOM_NL__2PRFIN20081228_215640_000000522075_00086_35711_3752.N1	28-DEC-2008 21:56:40	Bright	52.000	104	27Bet Lib	2.6140	13100.	104	35711	No
390	GOM_NL__2PRFIN20081228_215913_000000412075_00086_35711_3753.N1	28-DEC-2008 21:59:13	Tw_i_and_stray	41.000	122	9Alp2Lib	2.7470	9700.0	82	35711	No
391	GOM_NL__2PRFIN20081228_220602_000000462075_00086_35711_3754.N1	28-DEC-2008 22:06:02	Dark	46.000	54	5The Cen	2.0550	4500.0	92	35711	No
392	GOM_NL__2PRFIN20081228_220729_000000362075_00086_35711_3755.N1	28-DEC-2008 22:07:29	Dark	36.000	78	Alp Lup	2.3040	28000.	72	35711	No
393	GOM_NL__2PRFIN20081228_220851_000000402075_00086_35711_3756.N1	28-DEC-2008 22:08:51	Dark	40.000	95	Zet Cen	2.5450	26000.	80	35711	No
394	GOM_NL__2PRFIN20081228_221038_000000392075_00086_35711_3757.N1	28-DEC-2008 22:10:38	Dark	38.500	77	Eps Cen	2.3030	28000.	77	35711	No
395	GOM_NL__2PRFIN20081228_221213_000000422075_00087_35712_3743.N1	28-DEC-2008 22:12:13	Dark	41.500	64	Gam Cen	2.2000	10600.	83	35712	No
396	GOM_NL__2PRFIN20081228_221748_000000392075_00087_35712_3744.N1	28-DEC-2008 22:17:48	Dark	38.500	124	The Car	2.7640	30000.	77	35712	No

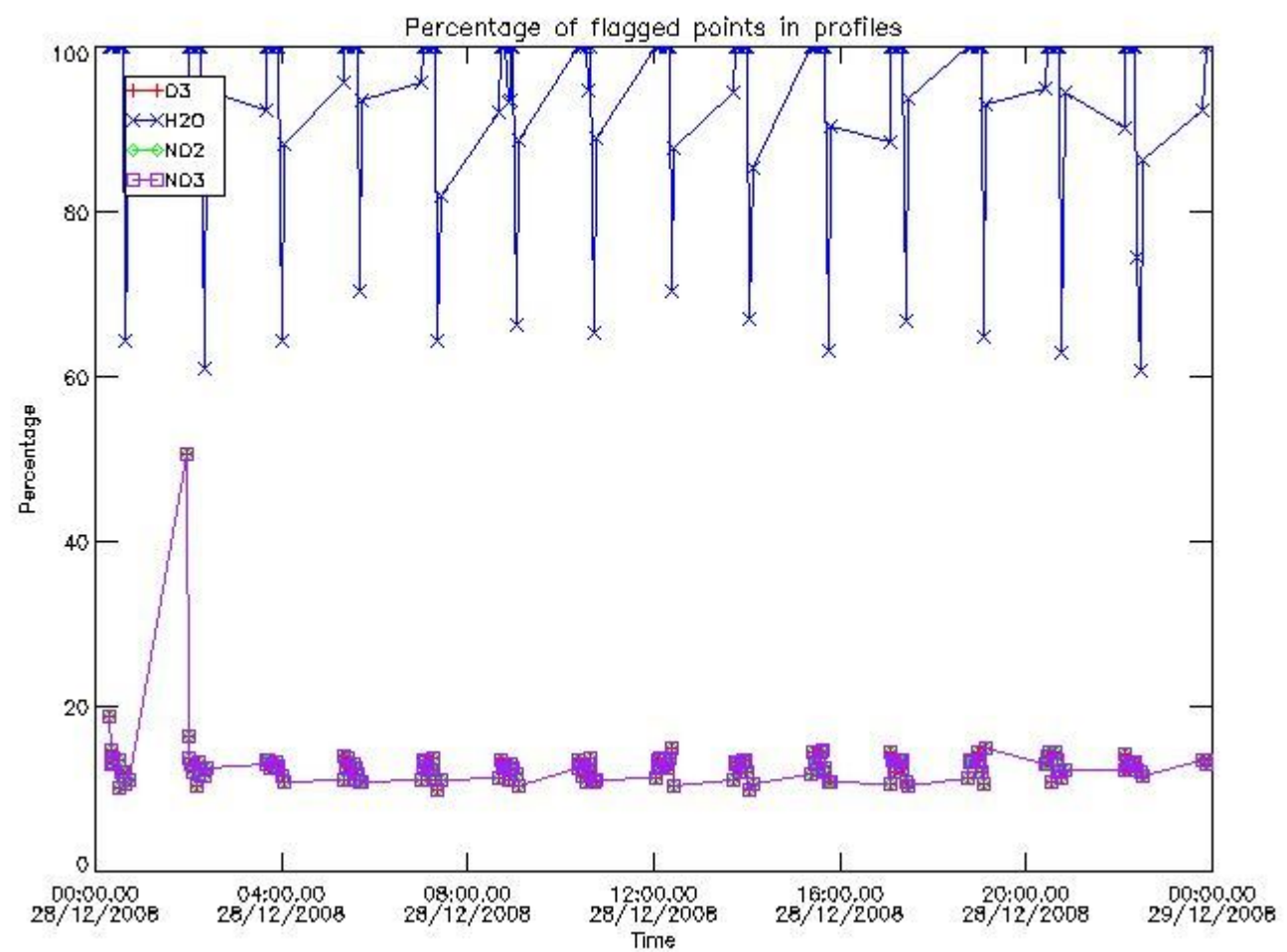


397	GOM_NL__2PRFIN20081228_221951_000000392075_00087_35712_3745.N1	28-DEC-2008 22:19:51	Dark	38.500	29	Bet Car	1.6720	10200.	77	35712	No
398	GOM_NL__2PRFIN20081228_222107_000000402075_00087_35712_3746.N1	28-DEC-2008 22:21:07	Dark	39.500	71	lot Car	2.2460	7700.0	79	35712	No
399	GOM_NL__2PRFIN20081228_222246_000000422075_00087_35712_3747.N1	28-DEC-2008 22:22:46	Dark	41.500	41	Eps Car	1.8600	4100.0	83	35712	No
400	GOM_NL__2PRFIN20081228_222707_000000432075_00087_35712_3748.N1	28-DEC-2008 22:27:07	Dark	42.500	2	Alp Car	-0.73600	7000.0	85	35712	No
401	GOM_NL__2PRFIN20081228_223016_000000482075_00087_35712_3749.N1	28-DEC-2008 22:30:16	Dark	48.000	117	Pi Pup	2.7060	3800.0	96	35712	No
402	GOM_NL__2PRFIN20081228_223308_000000452075_00087_35712_3750.N1	28-DEC-2008 22:33:08	Straylight	44.500	23	21Eps CMa	1.5020	26000.	89	35712	No
403	GOM_NL__2PRFIN20081228_223443_000000422075_00087_35712_3751.N1	28-DEC-2008 22:34:43	Straylight	42.000	179	24Omi2CMa	3.0320	24000.	84	35712	No
404	GOM_NL__2PRFIN20081228_223716_000000482075_00087_35712_3752.N1	28-DEC-2008 22:37:16	Straylight	48.000	1	9Alp CMa	-1.4400	11000.	96	35712	No
405	GOM_NL__2PRFIN20081228_224024_000000442075_00087_35712_3753.N1	28-DEC-2008 22:40:24	Straylight	43.500	7	19Bet Ori	0.10000	14000.	87	35712	No
406	GOM_NL__2PRFIN20081228_224218_000000432075_00087_35712_3754.N1	28-DEC-2008 22:42:18	Straylight	42.500	30	46Eps Ori	1.6940	30000.	85	35712	No
407	GOM_NL__2PRFIN20081228_224455_000000562075_00087_35712_3755.N1	28-DEC-2008 22:44:55	Tw_i_and_stray	56.000	14	58Alp Ori	0.87000	3000.0	112	35712	No
408	GOM_NL__2PRFIN20081228_224734_000000502075_00087_35712_3756.N1	28-DEC-2008 22:47:34	Bright	50.000	13	87Alp Tau	0.86700	3800.0	100	35712	No
409	GOM_NL__2PRFIN20081228_224855_000000432075_00087_35712_3757.N1	28-DEC-2008 22:48:55	Bright	43.000	176	23Zet Tau	3.0200	22000.	86	35712	No
410	GOM_NL__2PRFIN20081228_225100_000000392075_00087_35712_3758.N1	28-DEC-2008 22:51:00	Bright	39.000	28	12Bet Tau	1.6500	15200.	78	35712	No
411	GOM_NL__2PRFIN20081228_225358_000000382075_00087_35712_3759.N1	28-DEC-2008 22:53:58	Bright	37.500	107	37The Aur	2.6490	11000.	75	35712	No
412	GOM_NL__2PRFIN20081228_225556_000000412075_00087_35712_3760.N1	28-DEC-2008 22:55:56	Bright	40.500	6	13Alp Aur	0.080000	3400.0	81	35712	No
413	GOM_NL__2PRFIN20081228_230802_000000352075_00087_35712_3761.N1	28-DEC-2008 23:08:02	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	35712	No
414	GOM_NL__2PRFIN20081228_231233_000000342075_00087_35712_3762.N1	28-DEC-2008 23:12:33	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	35712	No
415	GOM_NL__2PRFIN20081228_231618_000000372075_00087_35712_3763.N1	28-DEC-2008 23:16:18	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	35712	No
416	GOM_NL__2PRFIN20081228_232330_000000602075_00087_35712_3764.N1	28-DEC-2008 23:23:30	Bright	60.000	180	27Gam Boo	3.0400	8000.0	120	35712	No
417	GOM_NL__2PRFIN20081228_232705_000000602075_00087_35712_3765.N1	28-DEC-2008 23:27:05	Bright	60.000	83		2.3780	11000.	120	35712	No
418	GOM_NL__2PRFIN20081228_233218_000000352075_00087_35712_3766.N1	28-DEC-2008 23:32:18	Bright	34.500	102	24Alp Ser	2.6000	4250.0	69	35712	No
419	GOM_NL__2PRFIN20081228_233716_000000462075_00087_35712_3767.N1	28-DEC-2008 23:37:16	Bright	45.500	104	27Bet Lib	2.6140	13100.	91	35712	No
420	GOM_NL__2PRFIN20081228_233950_000000422075_00087_35712_3768.N1	28-DEC-2008 23:39:50	Tw_i_and_stray	42.000	122	9Alp2Lib	2.7470	9700.0	84	35712	No
421	GOM_NL__2PRFIN20081228_234638_000000462075_00087_35712_3769.N1	28-DEC-2008 23:46:38	Dark	45.500	54	5The Cen	2.0550	4500.0	91	35712	No
422	GOM_NL__2PRFIN20081228_235114_000000392075_00087_35712_3770.N1	28-DEC-2008 23:51:14	Dark	39.000	77	Eps Cen	2.3030	28000.	78	35712	No
423	GOM_NL__2PRFIN20081228_235825_000000382075_00088_35713_3762.N1	28-DEC-2008 23:58:25	Dark	37.500	124	The Car	2.7640	30000.	75	35713	No

### 3. Quality information per product

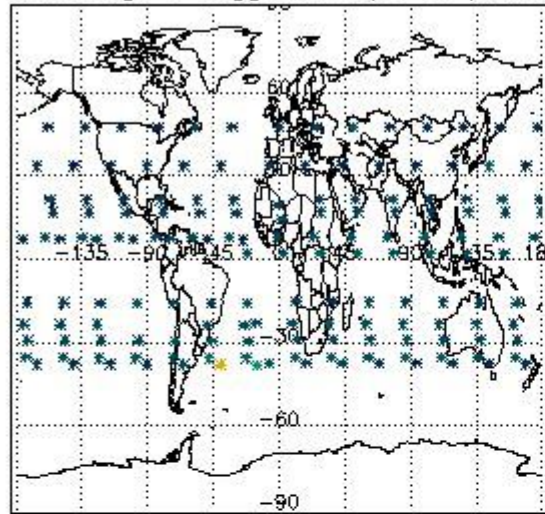
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

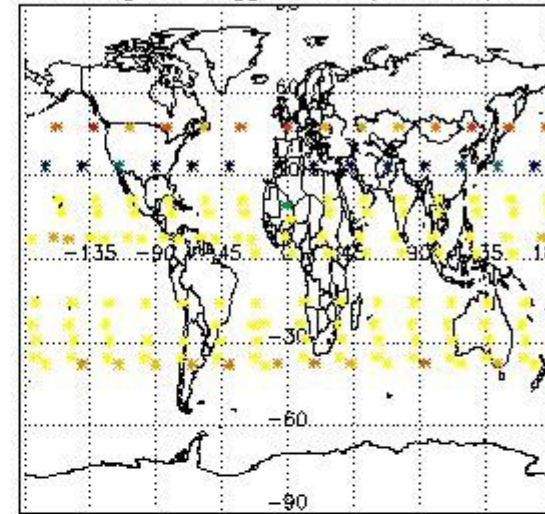


3.2 Plot quality information per product (world map)

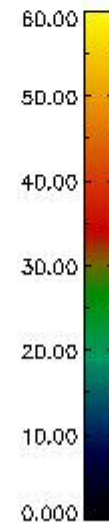
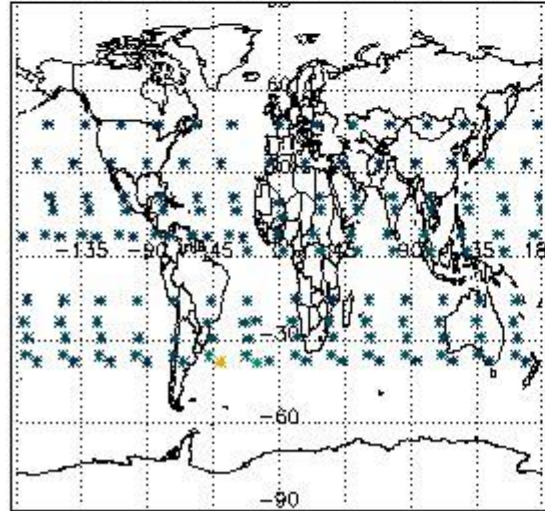
Percentage of flagged data per O3 profile



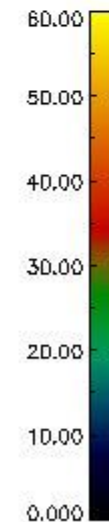
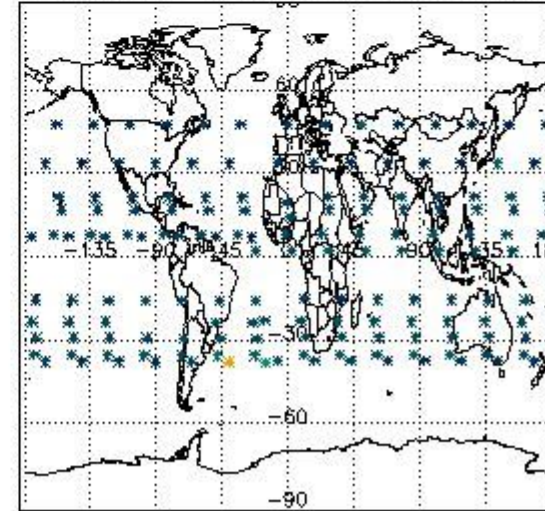
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



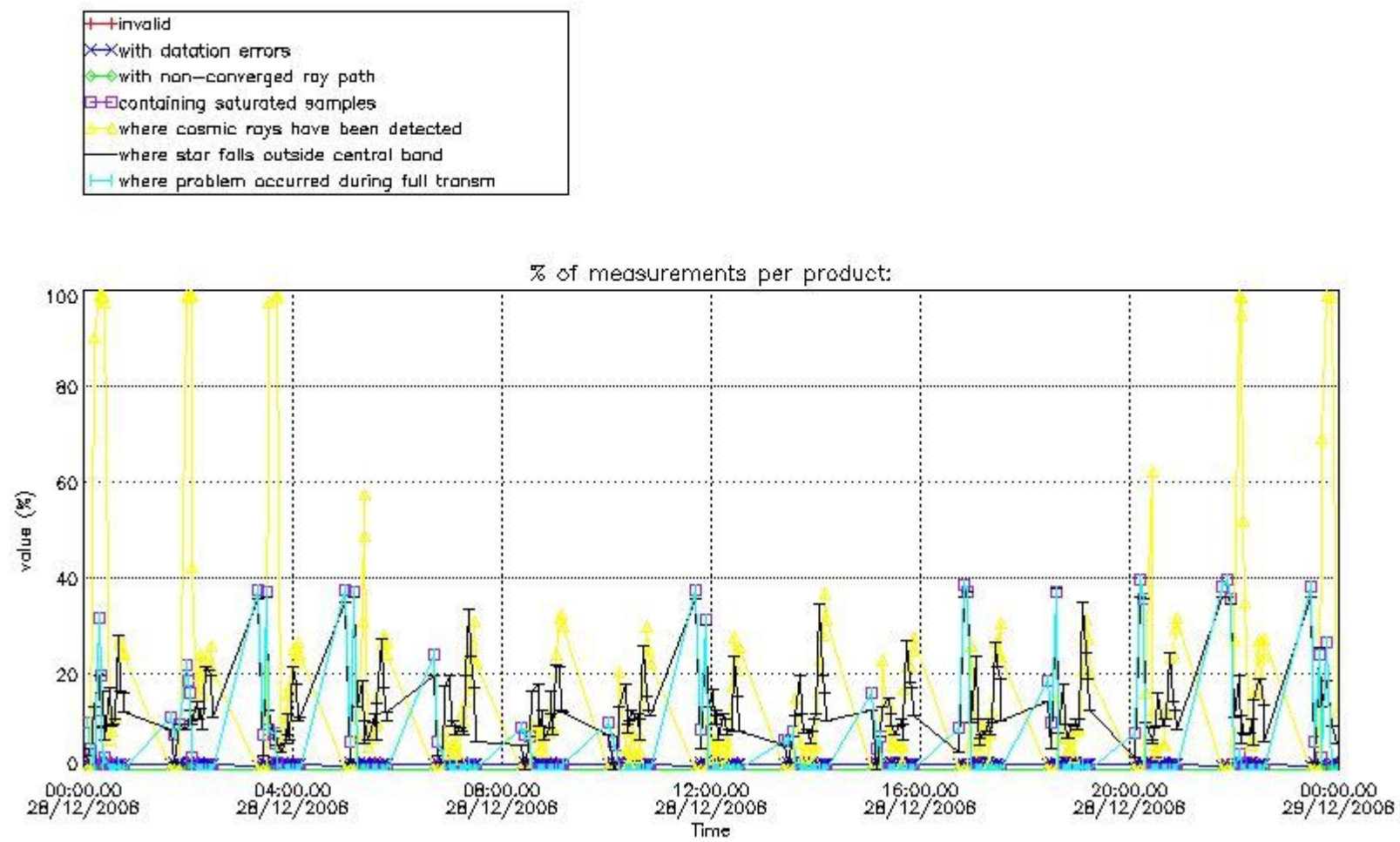
#### 4. Level 1 quality information per product

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.

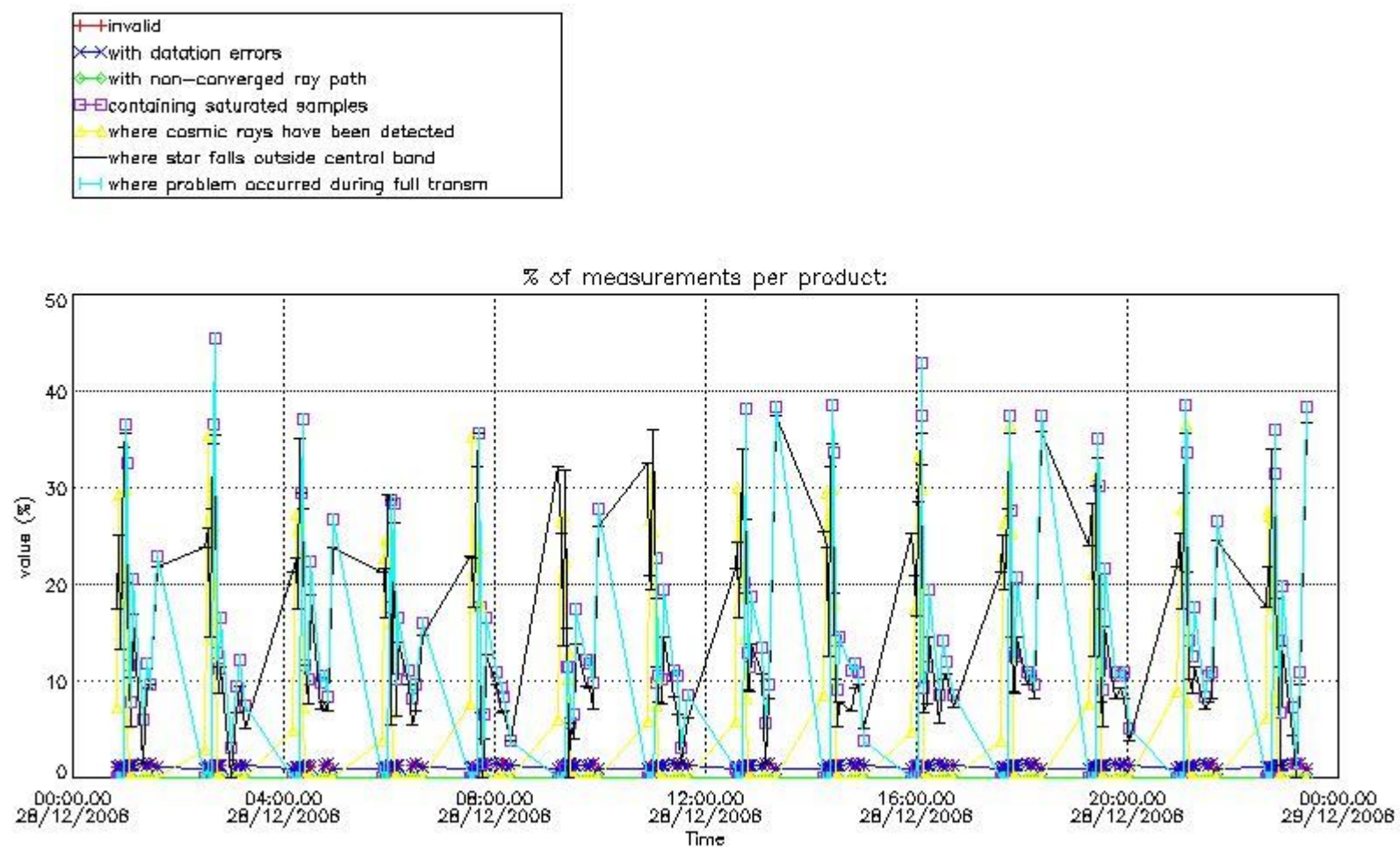
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

###### 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

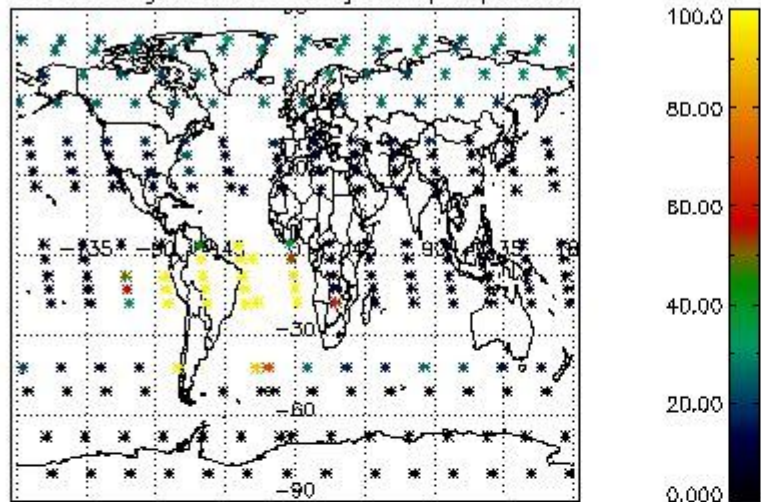


4.2 Plot quality information per product coming from level 1b processing (world map)

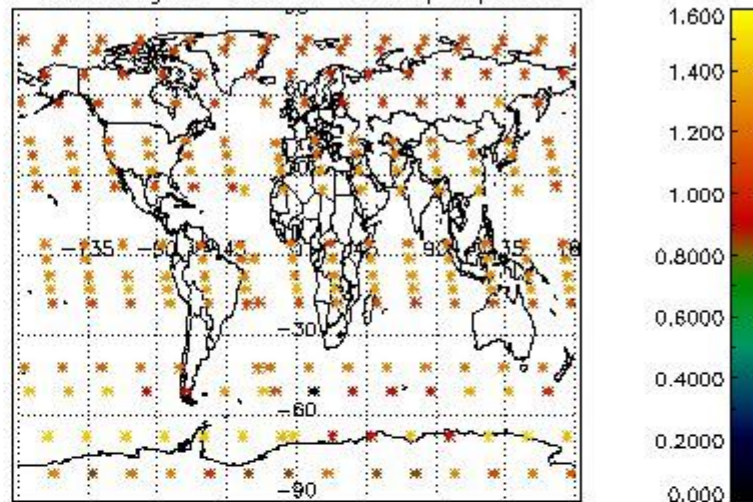
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes



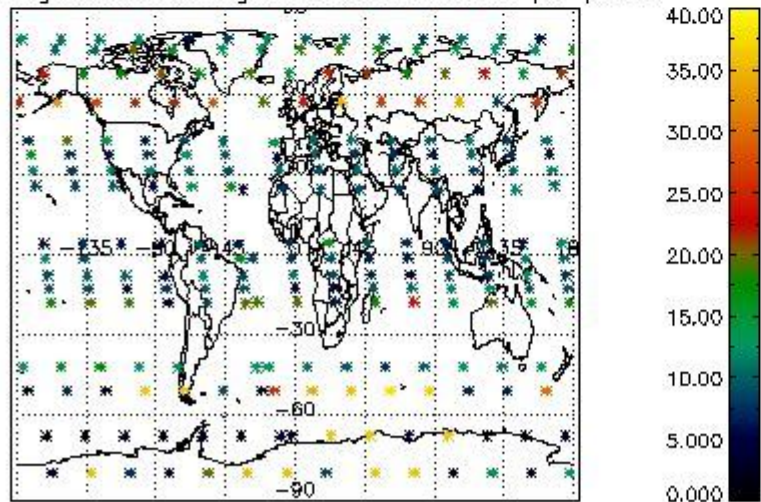
Percentage of cosmic ray hits per profile



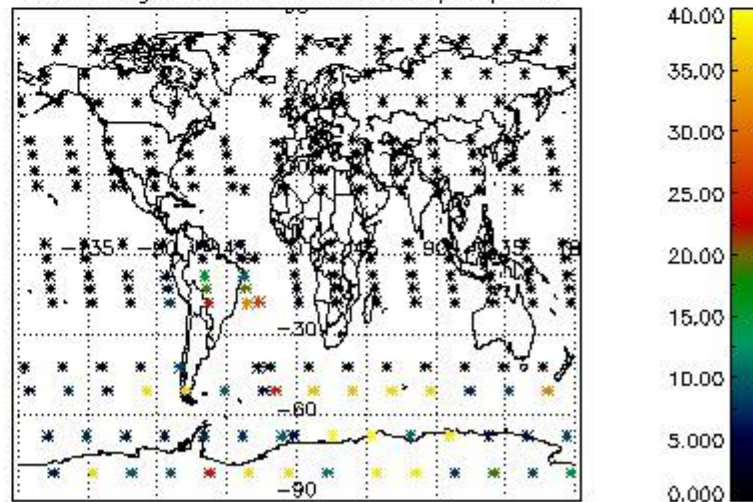
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

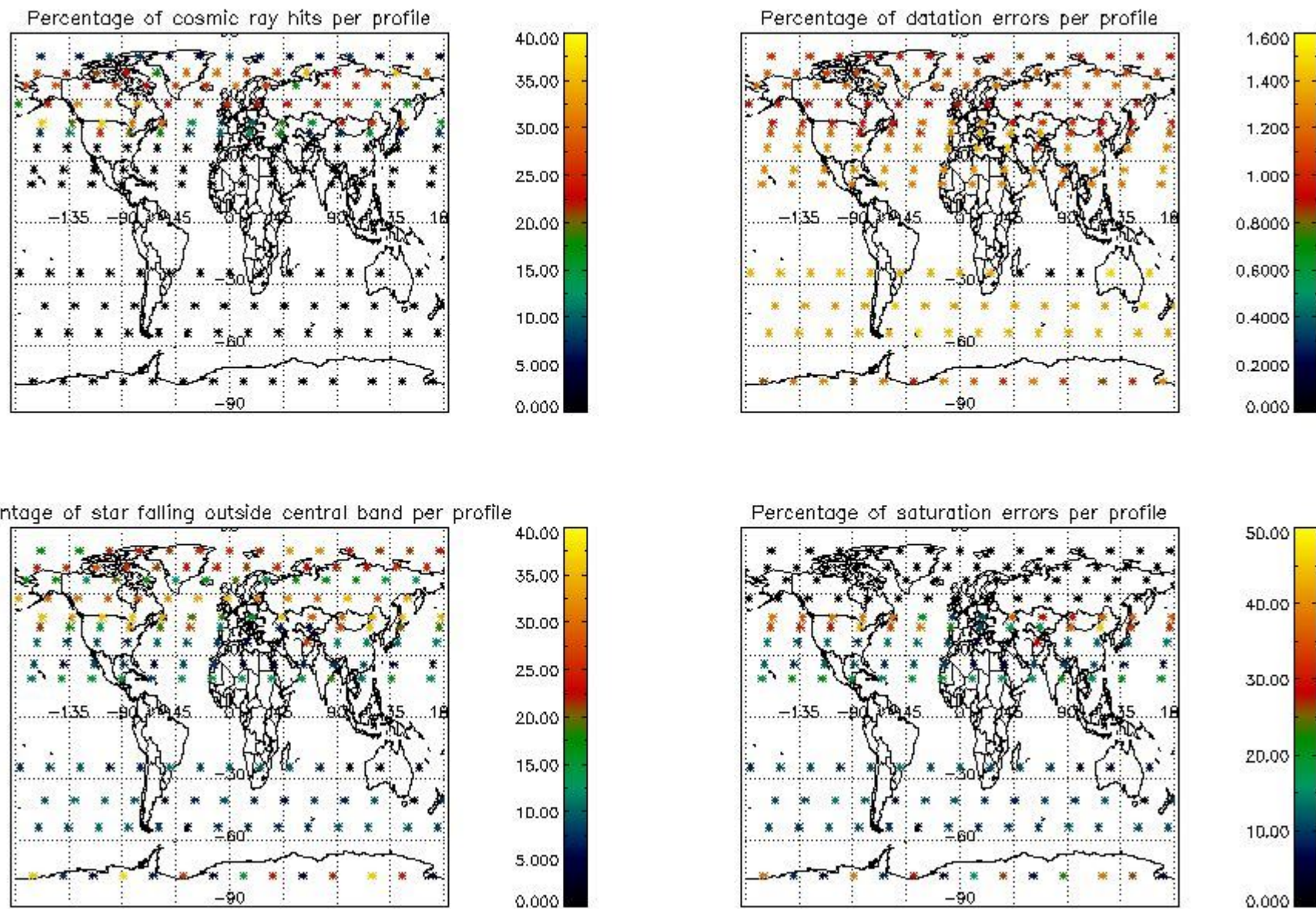


Percentage of saturation errors per profile



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

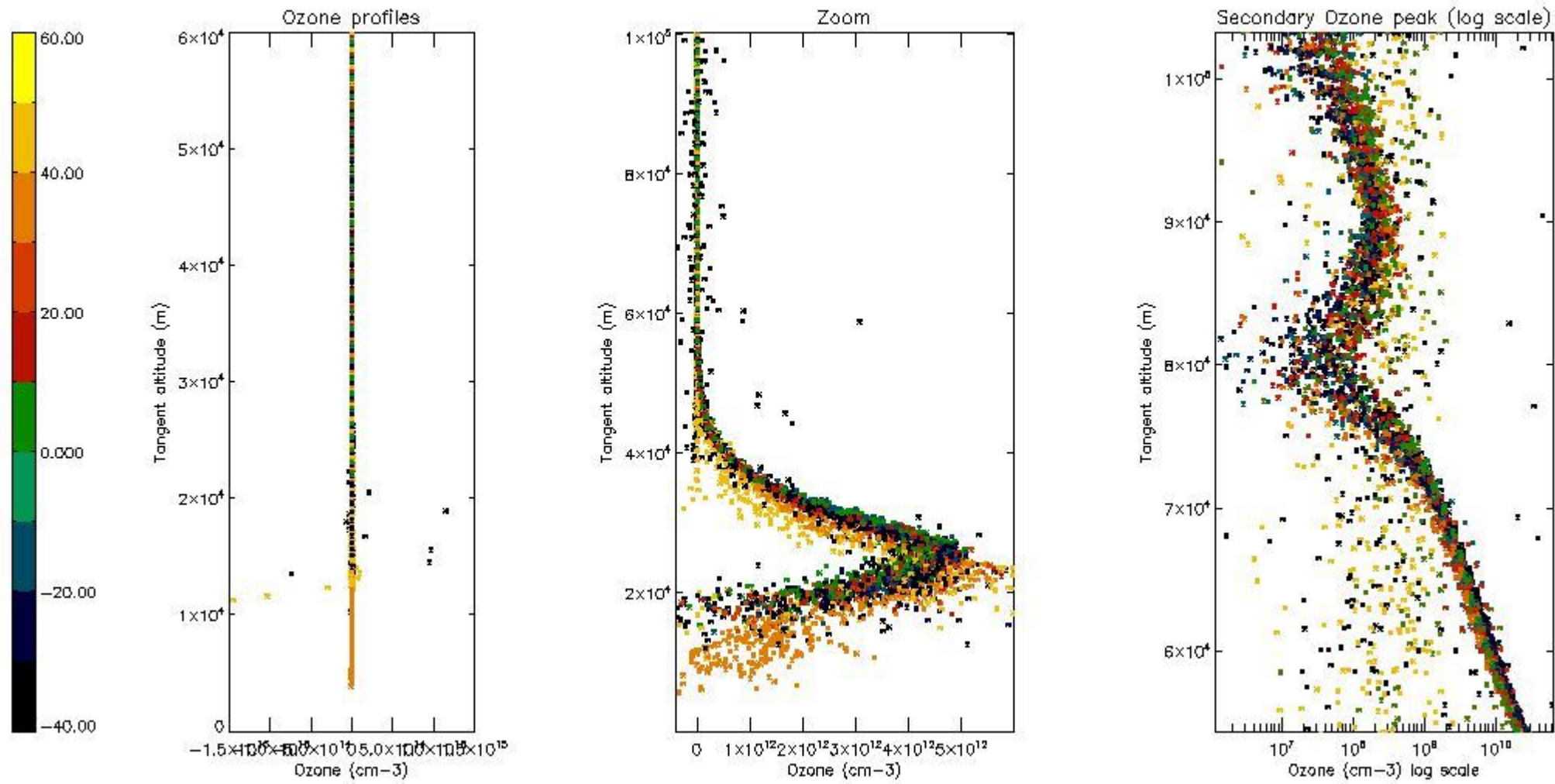
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	37
STD < 20	19

STD < 10	15
STD < 5	10

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

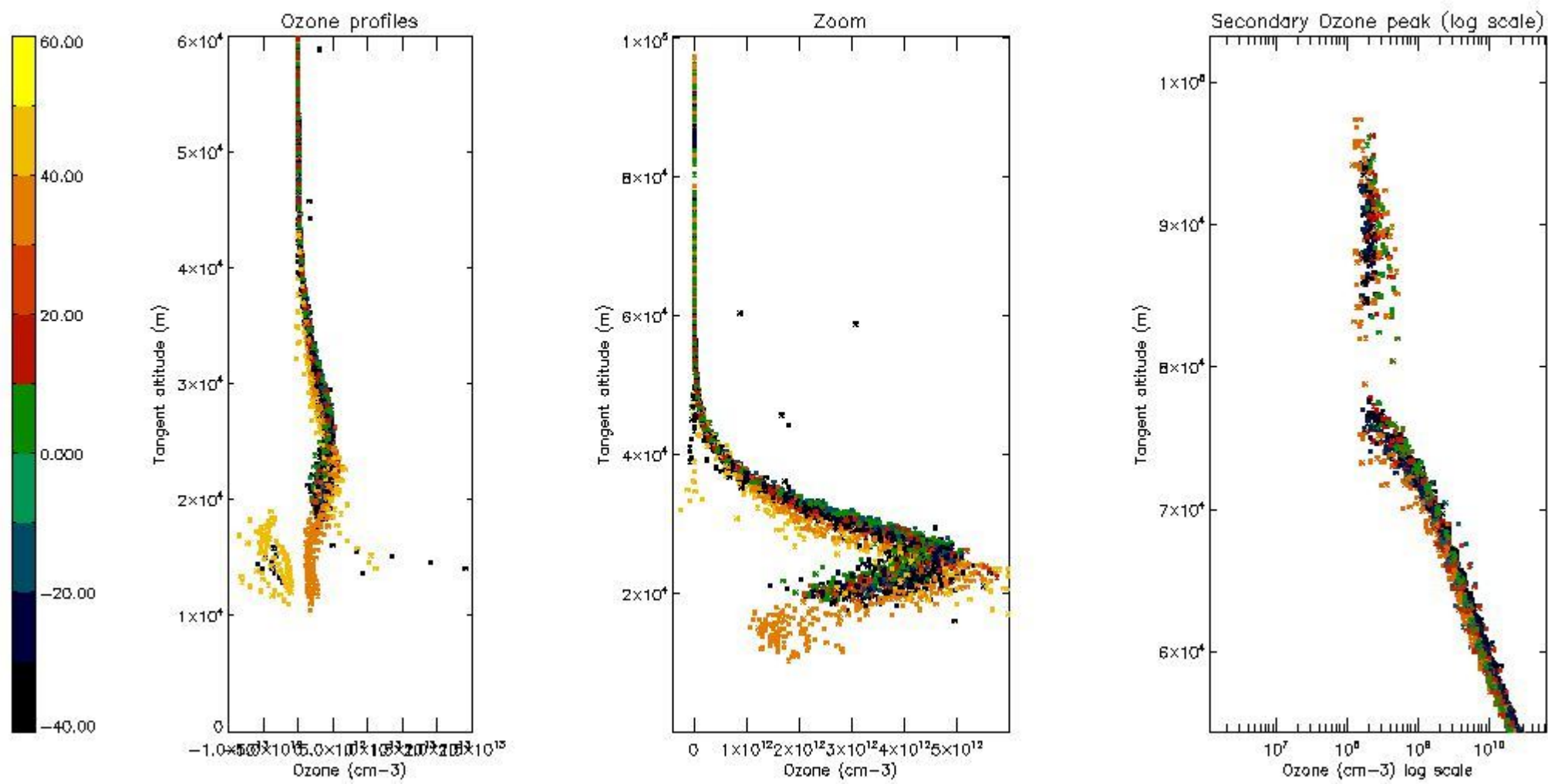
The colorbar represents the latitude.



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

The colorbar represents the latitude.

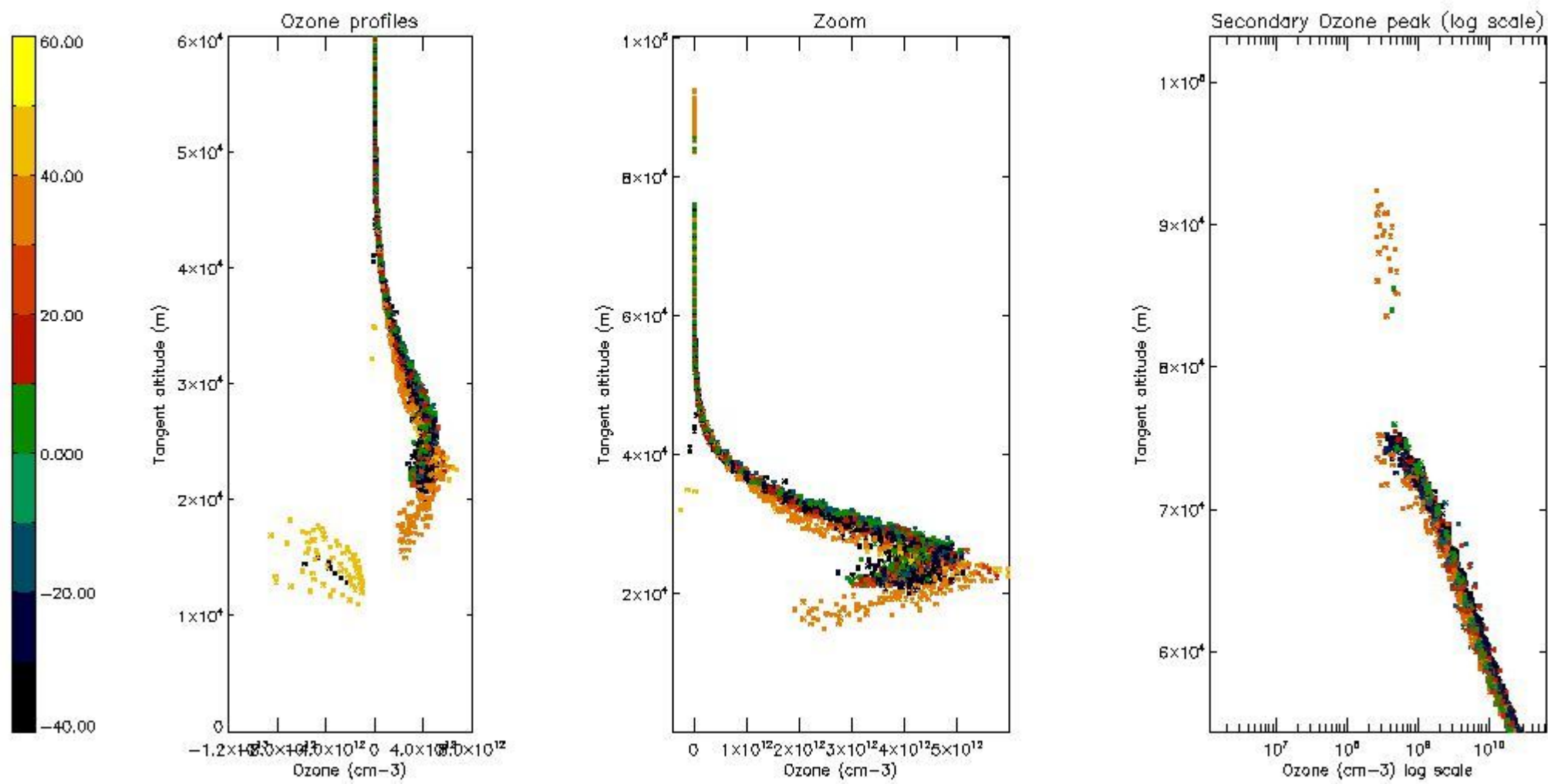




*5.4 Plot ozone profiles where  $STD < 10\%$  (dark without errors)*

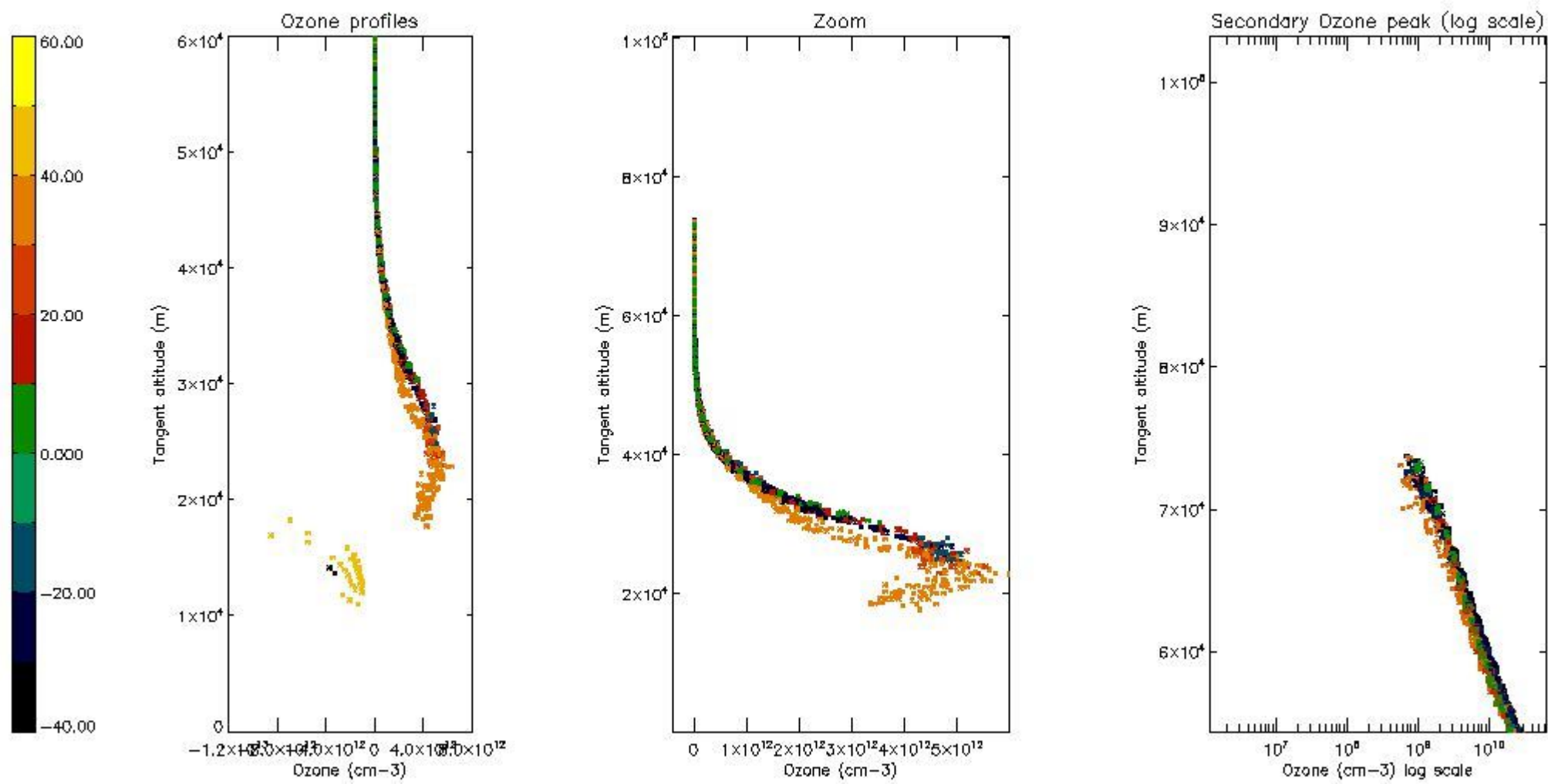
The colorbar represents the latitude.





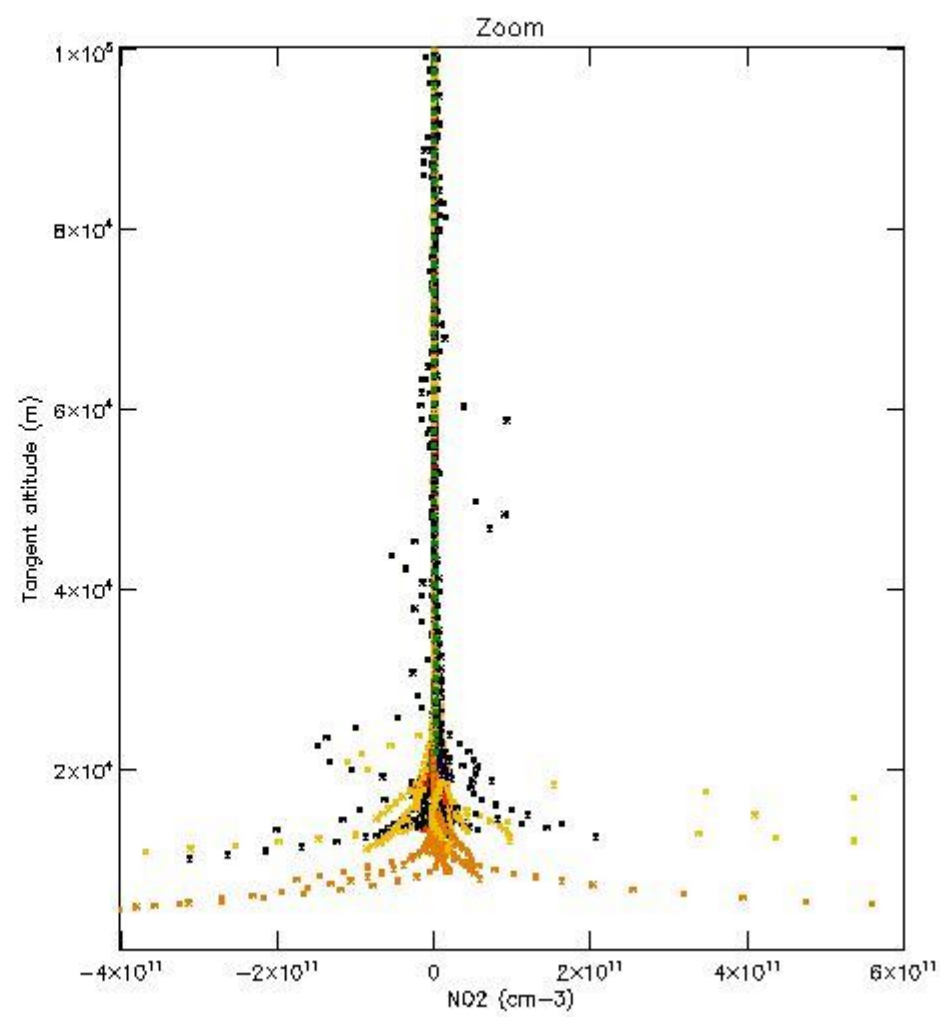
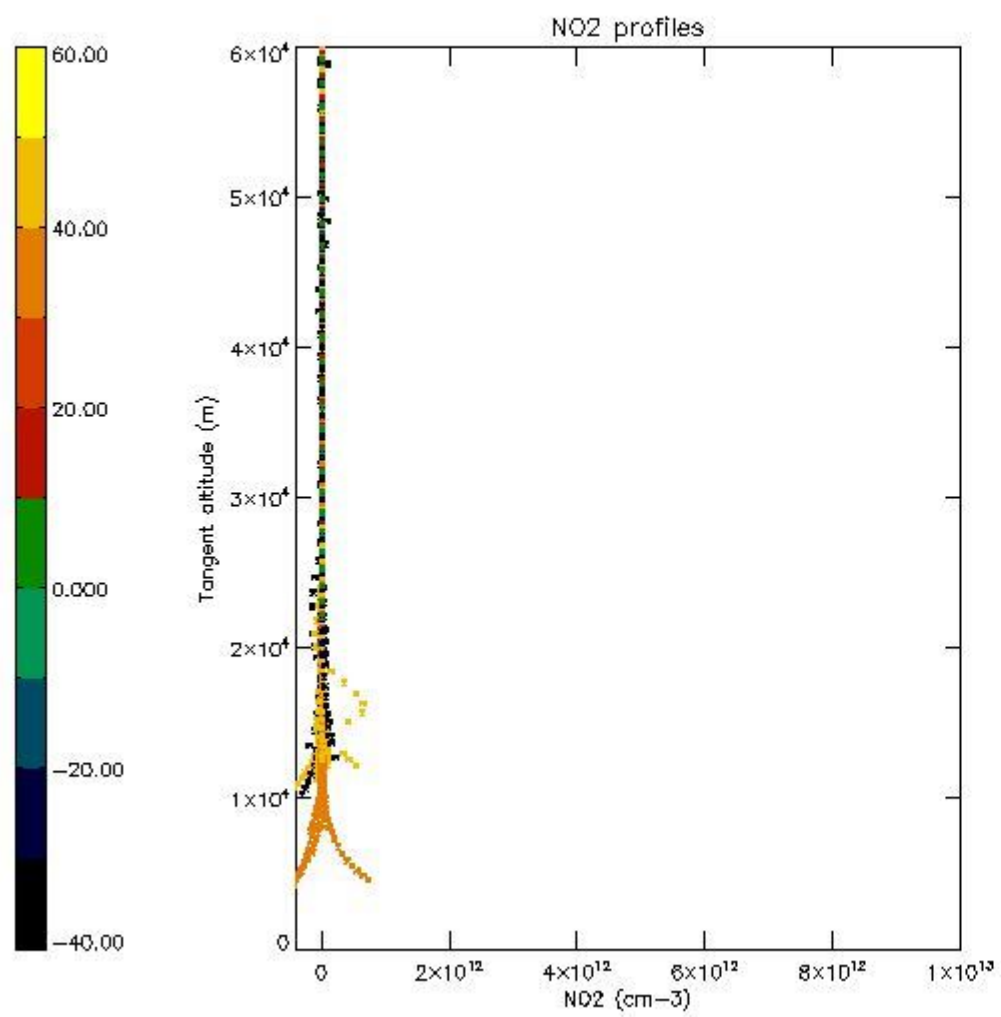
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



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

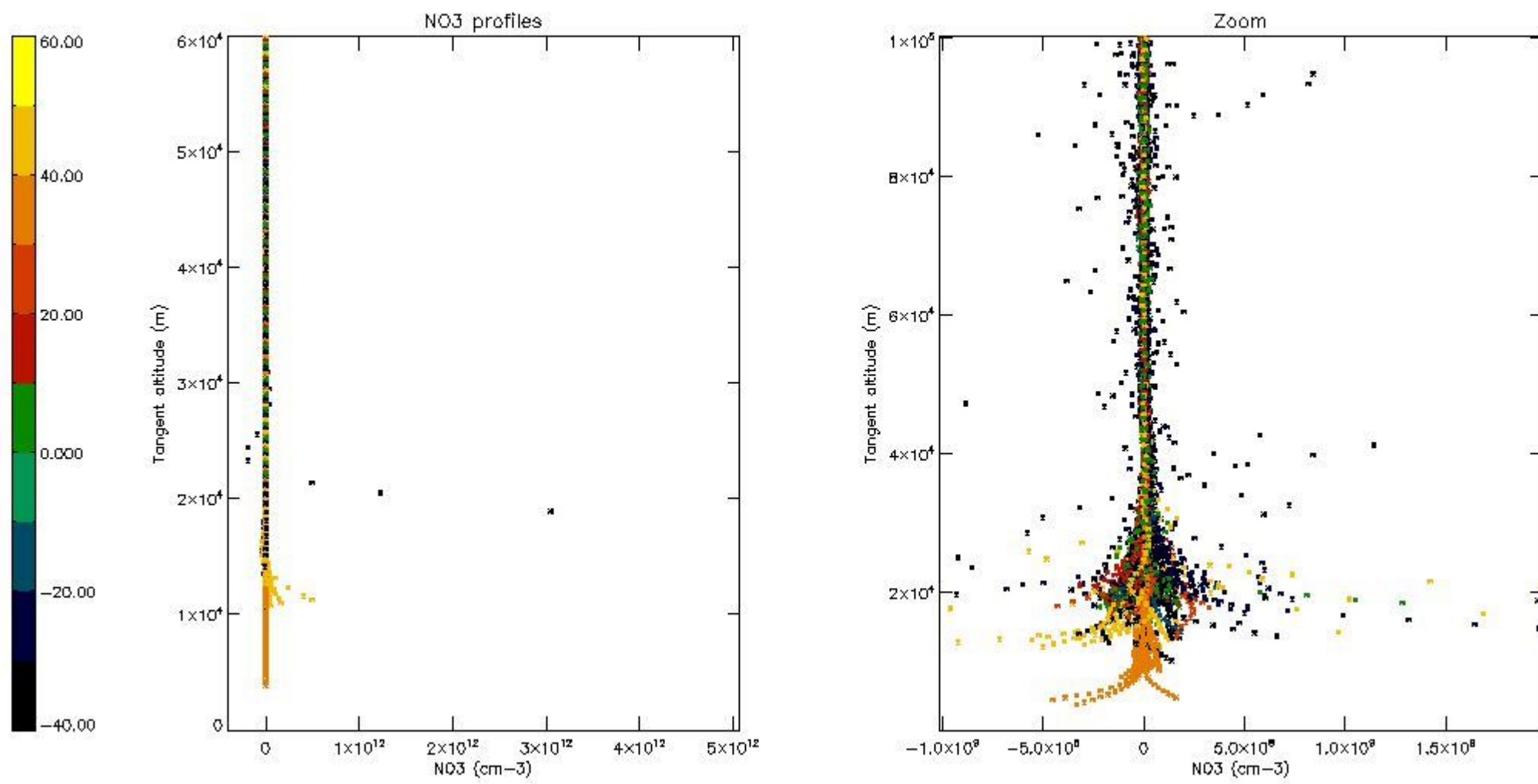
The colorbar represents the latitude.



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

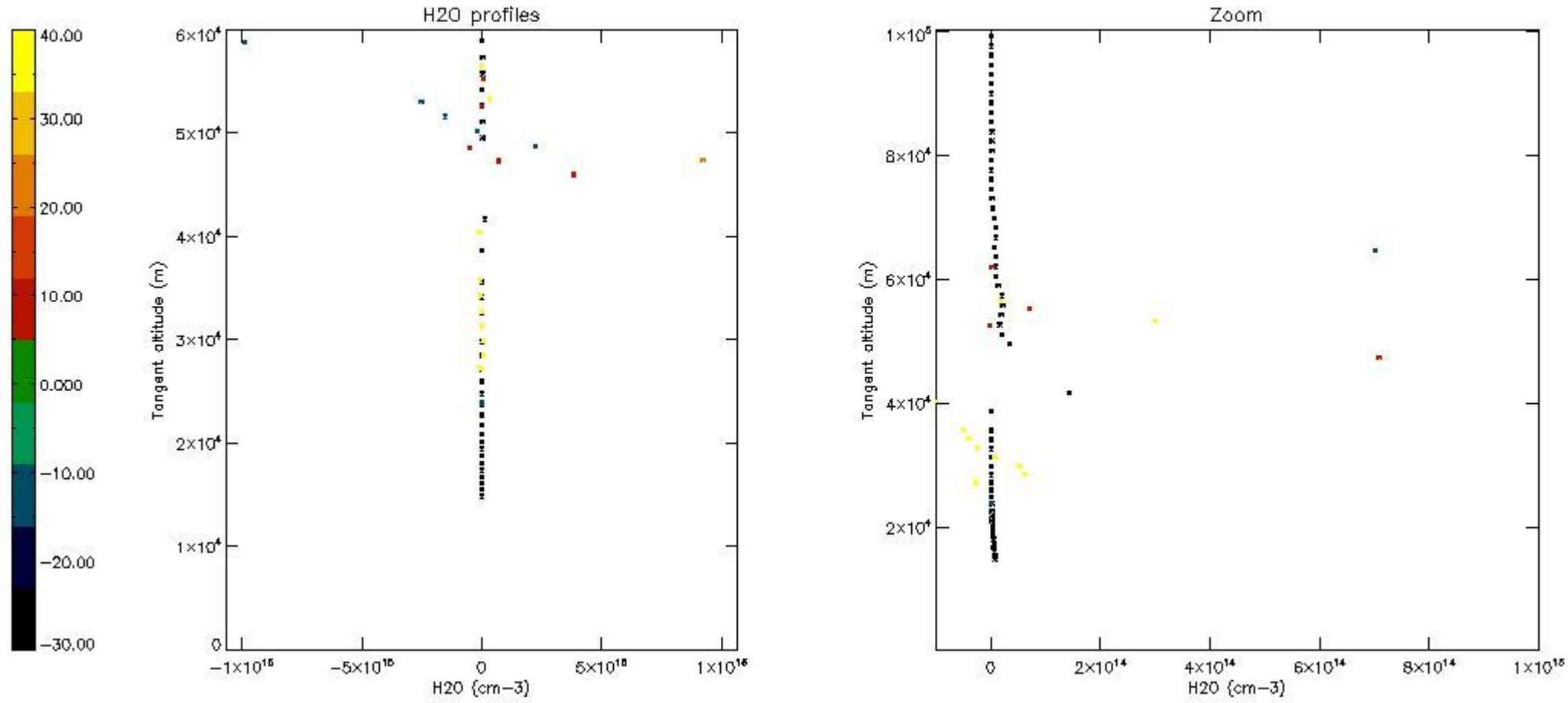
The colorbar represents the latitude.





*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	28-DEC-2008 00:03:51
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	28-DEC-2008 00:03:51
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	28-DEC-2008 00:03:51

# 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	26APR2013 00:25:11
Data source version	GOMOS/6.01
Start time of products	28-12-2008 (28DEC2008 00:00:00)
Stop time of products	29-12-2008 (29DEC2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	423
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__2PRFIN20081228_000351_000000362075_00073_35698_3566.N1	28-DEC-2008 00:03:51	Bright	35.500	102	24Alp Ser	2.6000	4250.0	71	35698	No
2	GOM_NL__2PRFIN20081228_000847_000000362075_00073_35698_3567.N1	28-DEC-2008 00:08:47	Bright	35.500	104	27Bet Lib	2.6140	13100.	71	35698	No
3	GOM_NL__2PRFIN20081228_001119_000000422075_00073_35698_3568.N1	28-DEC-2008 00:11:19	Twilight	41.500	122	9Alp2Lib	2.7470	9700.0	83	35698	No
4	GOM_NL__2PRFIN20081228_001806_000000462075_00073_35698_3569.N1	28-DEC-2008 00:18:06	Dark	46.000	54	5The Cen	2.0550	4500.0	92	35698	No
5	GOM_NL__2PRFIN20081228_001937_000000382075_00073_35698_3570.N1	28-DEC-2008 00:19:37	Dark	38.000	78	Alp Lup	2.3040	28000.	76	35698	No
6	GOM_NL__2PRFIN20081228_002057_000000402075_00073_35698_3571.N1	28-DEC-2008 00:20:57	Dark	39.500	95	Zet Cen	2.5450	26000.	79	35698	No
7	GOM_NL__2PRFIN20081228_002244_000000432075_00073_35698_3572.N1	28-DEC-2008 00:22:44	Dark	42.500	77	Eps Cen	2.3030	28000.	85	35698	No
8	GOM_NL__2PRFIN20081228_002416_000000412075_00074_35699_3558.N1	28-DEC-2008 00:24:16	Dark	41.000	64	Gam Cen	2.2000	10600.	82	35699	No
9	GOM_NL__2PRFIN20081228_003020_000000502075_00074_35699_3559.N1	28-DEC-2008 00:30:20	Dark	50.000	113	Mu Vel	2.6920	5000.0	100	35699	No
10	GOM_NL__2PRFIN20081228_003159_000000382075_00074_35699_3560.N1	28-DEC-2008 00:31:59	Dark	38.000	29	Bet Car	1.6720	10200.	76	35699	No
11	GOM_NL__2PRFIN20081228_003340_000000422075_00074_35699_3561.N1	28-DEC-2008 00:33:40	Dark	42.000	91	Kap Vel	2.4900	26000.	84	35699	No
12	GOM_NL__2PRFIN20081228_003507_000000432075_00074_35699_3562.N1	28-DEC-2008 00:35:07	Dark	42.500	46	Del Vel	1.9540	10600.	85	35699	No
13	GOM_NL__2PRFIN20081228_003916_000000482075_00074_35699_3563.N1	28-DEC-2008 00:39:16	Dark	48.000	2	Alp Car	-0.73600	7000.0	96	35699	No
14	GOM_NL__2PRFIN20081228_004224_000000462075_00074_35699_3564.N1	28-DEC-2008 00:42:24	Dark	46.000	117	Pi Pup	2.7060	3800.0	92	35699	No
15	GOM_NL__2PRFIN20081228_004517_000000472075_00074_35699_3565.N1	28-DEC-2008 00:45:17	Straylight	47.000	23	21Eps CMa	1.5020	26000.	94	35699	No
16	GOM_NL__2PRFIN20081228_004653_000000462075_00074_35699_3566.N1	28-DEC-2008 00:46:53	Straylight	45.500	179	24Omi2CMa	3.0320	24000.	91	35699	No
17	GOM_NL__2PRFIN20081228_004927_000000492075_00074_35699_3567.N1	28-DEC-2008 00:49:27	Straylight	48.500	1	9Alp CMa	-1.4400	11000.	97	35699	No
18	GOM_NL__2PRFIN20081228_005235_000000462075_00074_35699_3568.N1	28-DEC-2008 00:52:35	Straylight	46.000	7	19Bet Ori	0.10000	14000.	92	35699	No
19	GOM_NL__2PRFIN20081228_005431_000000422075_00074_35699_3569.N1	28-DEC-2008 00:54:31	Straylight	41.500	30	46Eps Ori	1.6940	30000.	83	35699	No
20	GOM_NL__2PRFIN20081228_005709_000000572075_00074_35699_3570.N1	28-DEC-2008 00:57:09	Twilight	57.000	14	58Alp Ori	0.87000	3000.0	114	35699	No
21	GOM_NL__2PRFIN20081228_005946_000000522075_00074_35699_3571.N1	28-DEC-2008 00:59:46	Bright	52.000	13	87Alp Tau	0.86700	3800.0	104	35699	No
22	GOM_NL__2PRFIN20081228_010109_000000452075_00074_35699_3572.N1	28-DEC-2008 01:01:09	Bright	44.500	176	23Zet Tau	3.0200	22000.	89	35699	No
23	GOM_NL__2PRFIN20081228_010315_000000392075_00074_35699_3573.N1	28-DEC-2008 01:03:15	Bright	38.500	28	12Bet Tau	1.6500	15200.	77	35699	No
24	GOM_NL__2PRFIN20081228_010614_000000392075_00074_35699_3574.N1	28-DEC-2008 01:06:14	Bright	38.500	107	37The Aur	2.6490	11000.	77	35699	No
25	GOM_NL__2PRFIN20081228_010810_000000422075_00074_35699_3575.N1	28-DEC-2008 01:08:10	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	35699	No
26	GOM_NL__2PRFIN20081228_012015_000000342075_00074_35699_3576.N1	28-DEC-2008 01:20:15	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	35699	No
27	GOM_NL__2PRFIN20081228_012447_000000382075_00074_35699_3577.N1	28-DEC-2008 01:24:47	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	35699	No
28	GOM_NL__2PRFIN20081228_012830_000000372075_00074_35699_3578.N1	28-DEC-2008 01:28:30	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	35699	No
29	GOM_NL__2PRFIN20081228_013542_000000482075_00074_35699_3579.N1	28-DEC-2008 01:35:42	Bright	48.000	180	27Gam Boo	3.0400	8000.0	96	35699	No
30	GOM_NL__2PRFIN20081228_013915_000000422075_00074_35699_3580.N1	28-DEC-2008 01:39:15	Bright	41.500	83		2.3780	11000.	83	35699	No
31	GOM_NL__2PRFIN20081228_014427_000000352075_00074_35699_3581.N1	28-DEC-2008 01:44:27	Bright	34.500	102	24Alp Ser	2.6000	4250.0	69	35699	No
32	GOM_NL__2PRFIN20081228_014924_000000382075_00074_35699_3582.N1	28-DEC-2008 01:49:24	Bright	37.500	104	27Bet Lib	2.6140	13100.	75	35699	No
33	GOM_NL__2PRFIN20081228_015842_000000412075_00074_35699_3583.N1	28-DEC-2008 01:58:42	Dark	41.000	54	5The Cen	2.0550	4500.0	82	35699	No
34	GOM_NL__2PRFIN20081228_020013_000000382075_00074_35699_3584.N1	28-DEC-2008 02:00:13	Dark	37.500	78	Alp Lup	2.3040	28000.	75	35699	No
35	GOM_NL__2PRFIN20081228_020133_000000412075_00074_35699_3585.N1	28-DEC-2008 02:01:33	Dark	40.500	95	Zet Cen	2.5450	26000.	81	35699	No
36	GOM_NL__2PRFIN20081228_020320_000000402075_00074_35699_3586.N1	28-DEC-2008 02:03:20	Dark	39.500	77	Eps Cen	2.3030	28000.	79	35699	No
37	GOM_NL__2PRFIN20081228_020452_000000432075_00075_35700_3569.N1	28-DEC-2008 02:04:52	Dark	42.500	64	Gam Cen	2.2000	10600.	85	35700	No
38	GOM_NL__2PRFIN20081228_021057_000000492075_00075_35700_3570.N1	28-DEC-2008 02:10:57	Dark	49.000	113	Mu Vel	2.6920	5000.0	98	35700	No
39	GOM_NL__2PRFIN20081228_021235_000000392075_00075_35700_3571.N1	28-DEC-2008 02:12:35	Dark	38.500	29	Bet Car	1.6720	10200.	77	35700	No
40	GOM_NL__2PRFIN20081228_021417_000000442075_00075_35700_3572.N1	28-DEC-2008 02:14:17	Dark	43.500	91	Kap Vel	2.4900	26000.	87	35700	No
41	GOM_NL__2PRFIN20081228_021543_000000422075_00075_35700_3573.N1	28-DEC-2008 02:15:43	Dark	41.500	46	Del Vel	1.9540	10600.	83	35700	No
42	GOM_NL__2PRFIN20081228_021952_000000442075_00075_35700_3574.N1	28-DEC-2008 02:19:52	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	35700	No

43	GOM_NL__2PRFIN20081228_022300_000000492075_00075_35700_3575.N1	28-DEC-2008 02:23:00	Dark	48.500	117	Pi Pup	2.7060	3800.0	97	35700	No
44	GOM_NL__2PRFIN20081228_022554_000000492075_00075_35700_3576.N1	28-DEC-2008 02:25:54	Straylight	48.500	23	21Eps CMa	1.5020	26000.	97	35700	No
45	GOM_NL__2PRFIN20081228_022729_000000462075_00075_35700_3577.N1	28-DEC-2008 02:27:29	Straylight	45.500	179	24Omi2CMa	3.0320	24000.	91	35700	No
46	GOM_NL__2PRFIN20081228_023003_000000532075_00075_35700_3578.N1	28-DEC-2008 02:30:03	Straylight	52.500	1	9Alp CMa	-1.4400	11000.	105	35700	No
47	GOM_NL__2PRFIN20081228_023311_000000472075_00075_35700_3579.N1	28-DEC-2008 02:33:11	Straylight	46.500	7	19Bet Ori	0.10000	14000.	93	35700	No
48	GOM_NL__2PRFIN20081228_023507_000000422075_00075_35700_3580.N1	28-DEC-2008 02:35:07	Straylight	41.500	30	46Eps Ori	1.6940	30000.	83	35700	No
49	GOM_NL__2PRFIN20081228_023745_000000522075_00075_35700_3581.N1	28-DEC-2008 02:37:45	Tw_i_and_stray	52.000	14	58Alp Ori	0.87000	3000.0	104	35700	No
50	GOM_NL__2PRFIN20081228_024022_000000522075_00075_35700_3582.N1	28-DEC-2008 02:40:22	Bright	52.000	13	87Alp Tau	0.86700	3800.0	104	35700	No
51	GOM_NL__2PRFIN20081228_024145_000000552075_00075_35700_3583.N1	28-DEC-2008 02:41:45	Bright	55.000	176	23Zet Tau	3.0200	22000.	110	35700	No
52	GOM_NL__2PRFIN20081228_024351_000000392075_00075_35700_3584.N1	28-DEC-2008 02:43:51	Bright	39.000	28	12Bet Tau	1.6500	15200.	78	35700	No
53	GOM_NL__2PRFIN20081228_024650_000000402075_00075_35700_3585.N1	28-DEC-2008 02:46:50	Bright	40.000	107	37The Aur	2.6490	11000.	80	35700	No
54	GOM_NL__2PRFIN20081228_024846_000000402075_00075_35700_3586.N1	28-DEC-2008 02:48:46	Bright	39.500	6	13Alp Aur	0.080000	3400.0	79	35700	No
55	GOM_NL__2PRFIN20081228_030051_000000332075_00075_35700_3587.N1	28-DEC-2008 03:00:51	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	35700	No
56	GOM_NL__2PRFIN20081228_030523_000000372075_00075_35700_3588.N1	28-DEC-2008 03:05:23	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	35700	No
57	GOM_NL__2PRFIN20081228_030906_000000372075_00075_35700_3589.N1	28-DEC-2008 03:09:06	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	35700	No
58	GOM_NL__2PRFIN20081228_031618_000000402075_00075_35700_3590.N1	28-DEC-2008 03:16:18	Bright	40.000	180	27Gam Boo	3.0400	8000.0	80	35700	No
59	GOM_NL__2PRFIN20081228_031951_000000592075_00075_35700_3591.N1	28-DEC-2008 03:19:51	Bright	59.000	83		2.3780	11000.	118	35700	No
60	GOM_NL__2PRFIN20081228_032503_000000352075_00075_35700_3592.N1	28-DEC-2008 03:25:03	Bright	34.500	102	24Alp Ser	2.6000	4250.0	69	35700	No
61	GOM_NL__2PRFIN20081228_033000_000000542075_00075_35700_3593.N1	28-DEC-2008 03:30:00	Bright	54.000	104	27Bet Lib	2.6140	13100.	108	35700	No
62	GOM_NL__2PRFIN20081228_033232_000000412075_00075_35700_3594.N1	28-DEC-2008 03:32:32	Tw_i_and_stray	41.000	122	9Alp2Lib	2.7470	9700.0	82	35700	No
63	GOM_NL__2PRFIN20081228_033919_000000392075_00075_35700_3595.N1	28-DEC-2008 03:39:19	Dark	39.000	54	5The Cen	2.0550	4500.0	78	35700	No
64	GOM_NL__2PRFIN20081228_034049_000000382075_00075_35700_3596.N1	28-DEC-2008 03:40:49	Dark	37.500	78	Alp Lup	2.3040	28000.	75	35700	No
65	GOM_NL__2PRFIN20081228_034210_000000382075_00075_35700_3597.N1	28-DEC-2008 03:42:10	Dark	38.000	95	Zet Cen	2.5450	26000.	76	35700	No
66	GOM_NL__2PRFIN20081228_034529_000000412075_00076_35701_3581.N1	28-DEC-2008 03:45:29	Dark	40.500	64	Gam Cen	2.2000	10600.	81	35701	No
67	GOM_NL__2PRFIN20081228_035134_000000452075_00076_35701_3582.N1	28-DEC-2008 03:51:34	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	35701	No
68	GOM_NL__2PRFIN20081228_035312_000000392075_00076_35701_3583.N1	28-DEC-2008 03:53:12	Dark	38.500	29	Bet Car	1.6720	10200.	77	35701	No
69	GOM_NL__2PRFIN20081228_035453_000000412075_00076_35701_3584.N1	28-DEC-2008 03:54:53	Dark	41.000	91	Kap Vel	2.4900	26000.	82	35701	No
70	GOM_NL__2PRFIN20081228_035620_000000402075_00076_35701_3585.N1	28-DEC-2008 03:56:20	Dark	40.000	46	Del Vel	1.9540	10600.	80	35701	No
71	GOM_NL__2PRFIN20081228_040028_000000442075_00076_35701_3586.N1	28-DEC-2008 04:00:28	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	35701	No
72	GOM_NL__2PRFIN20081228_040336_000000482075_00076_35701_3587.N1	28-DEC-2008 04:03:36	Dark	47.500	117	Pi Pup	2.7060	3800.0	95	35701	No
73	GOM_NL__2PRFIN20081228_040630_000000442075_00076_35701_3588.N1	28-DEC-2008 04:06:30	Straylight	43.500	23	21Eps CMa	1.5020	26000.	87	35701	No
74	GOM_NL__2PRFIN20081228_040805_000000462075_00076_35701_3589.N1	28-DEC-2008 04:08:05	Straylight	45.500	179	24Omi2CMa	3.0320	24000.	91	35701	No
75	GOM_NL__2PRFIN20081228_041039_000000522075_00076_35701_3590.N1	28-DEC-2008 04:10:39	Straylight	51.500	1	9Alp CMa	-1.4400	11000.	103	35701	No
76	GOM_NL__2PRFIN20081228_041347_000000442075_00076_35701_3591.N1	28-DEC-2008 04:13:47	Straylight	44.000	7	19Bet Ori	0.10000	14000.	88	35701	No
77	GOM_NL__2PRFIN20081228_041543_000000432075_00076_35701_3592.N1	28-DEC-2008 04:15:43	Straylight	43.000	30	46Eps Ori	1.6940	30000.	86	35701	No
78	GOM_NL__2PRFIN20081228_041821_000000572075_00076_35701_3593.N1	28-DEC-2008 04:18:21	Tw_i_and_stray	57.000	14	58Alp Ori	0.87000	3000.0	114	35701	No
79	GOM_NL__2PRFIN20081228_042058_000000482075_00076_35701_3594.N1	28-DEC-2008 04:20:58	Bright	47.500	13	87Alp Tau	0.86700	3800.0	95	35701	No
80	GOM_NL__2PRFIN20081228_042221_000000492075_00076_35701_3595.N1	28-DEC-2008 04:22:21	Bright	48.500	176	23Zet Tau	3.0200	22000.	97	35701	No
81	GOM_NL__2PRFIN20081228_042426_000000392075_00076_35701_3596.N1	28-DEC-2008 04:24:26	Bright	38.500	28	12Bet Tau	1.6500	15200.	77	35701	No
82	GOM_NL__2PRFIN20081228_042726_000000402075_00076_35701_3597.N1	28-DEC-2008 04:27:26	Bright	39.500	107	37The Aur	2.6490	11000.	79	35701	No
83	GOM_NL__2PRFIN20081228_042922_000000432075_00076_35701_3598.N1	28-DEC-2008 04:29:22	Bright	42.500	6	13Alp Aur	0.080000	3400.0	85	35701	No
84	GOM_NL__2PRFIN20081228_044127_000000362075_00076_35701_3599.N1	28-DEC-2008 04:41:27	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	35701	No
85	GOM_NL__2PRFIN20081228_044559_000000382075_00076_35701_3600.N1	28-DEC-2008 04:45:59	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	35701	No
86	GOM_NL__2PRFIN20081228_044943_000000362075_00076_35701_3601.N1	28-DEC-2008 04:49:43	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	35701	No
87	GOM_NL__2PRFIN20081228_045654_000000512075_00076_35701_3602.N1	28-DEC-2008 04:56:54	Bright	50.500	180	27Gam Boo	3.0400	8000.0	101	35701	No
88	GOM_NL__2PRFIN20081228_050028_000000592075_00076_35701_3603.N1	28-DEC-2008 05:00:28	Bright	59.000	83		2.3780	11000.	118	35701	No
89	GOM_NL__2PRFIN20081228_050540_000000342075_00076_35701_3604.N1	28-DEC-2008 05:05:40	Bright	34.000	102	24Alp Ser	2.6000	4250.0	68	35701	No
90	GOM_NL__2PRFIN20081228_051036_000000542075_00076_35701_3605.N1	28-DEC-2008 05:10:36	Bright	54.000	104	27Bet Lib	2.6140	13100.	108	35701	No
91	GOM_NL__2PRFIN20081228_051309_000000422075_00076_35701_3606.N1	28-DEC-2008 05:13:09	Tw_i_and_stray	42.000	122	9Alp2Lib	2.7470	9700.0	84	35701	No
92	GOM_NL__2PRFIN20081228_051956_000000462075_00076_35701_3607.N1	28-DEC-2008 05:19:56	Dark	45.500	54	5The Cen	2.0550	4500.0	91	35701	No
93	GOM_NL__2PRFIN20081228_052126_000000372075_00076_35701_3608.N1	28-DEC-2008 05:21:26	Dark	36.500	78	Alp Lup	2.3040	28000.	73	35701	No
94	GOM_NL__2PRFIN20081228_052246_000000402075_00076_35701_3609.N1	28-DEC-2008 05:22:46	Dark	40.000	95	Zet Cen	2.5450	26000.	80	35701	No
95	GOM_NL__2PRFIN20081228_052606_000000412075_00077_35702_3595.N1	28-DEC-2008 05:26:06	Dark	41.000	64	Gam Cen	2.2000	10600.	82	35702	No
96	GOM_NL__2PRFIN20081228_053211_000000462075_00077_35702_3596.N1	28-DEC-2008 05:32:11	Dark	46.000	113	Mu Vel	2.6920	5000.0	92	35702	No
97	GOM_NL__2PRFIN20081228_053348_000000392075_00077_35702_3597.N1	28-DEC-2008 05:33:48	Dark	39.000	29	Bet Car	1.6720	10200.	78	35702	No
98	GOM_NL__2PRFIN20081228_053530_000000412075_00077_35702_3598.N1	28-DEC-2008 05:35:30	Dark	41.000	91	Kap Vel	2.4900	26000.	82	35702	No
99	GOM_NL__2PRFIN20081228_053656_000000442075_00077_35702_3599.N1	28-DEC-2008 05:36:56	Dark	43.500	46	Del Vel	1.9540	10600.	87	35702	No
100	GOM_NL__2PRFIN20081228_054104_000000482075_00077_35702_3600.N1	28-DEC-2008 05:41:04	Dark	47.500	2	Alp Car	-0.73600	7000.0	95	35702	No
101	GOM_NL__2PRFIN20081228_054413_000000472075_00077_35702_3601.N1	28-DEC-2008 05:44:13	Dark	46.500	117	Pi Pup	2.7060	3800.0	93	35702	No

102	GOM_NL__2PRFIN20081228_054706_000000442075_00077_35702_3602.N1	28-DEC-2008 05:47:06	Straylight	43.500	23	21Eps CMa	1.5020	26000.	87	35702	No
103	GOM_NL__2PRFIN20081228_054842_000000462075_00077_35702_3603.N1	28-DEC-2008 05:48:42	Straylight	45.500	179	24Omi2CMa	3.0320	24000.	91	35702	No
104	GOM_NL__2PRFIN20081228_055115_000000522075_00077_35702_3604.N1	28-DEC-2008 05:51:15	Straylight	51.500	1	9Alp CMa	-1.4400	11000.	103	35702	No
105	GOM_NL__2PRFIN20081228_055423_000000442075_00077_35702_3605.N1	28-DEC-2008 05:54:23	Straylight	44.000	7	19Bet Ori	0.10000	14000.	88	35702	No
106	GOM_NL__2PRFIN20081228_055619_000000432075_00077_35702_3606.N1	28-DEC-2008 05:56:19	Straylight	42.500	30	46Eps Ori	1.6940	30000.	85	35702	No
107	GOM_NL__2PRFIN20081228_055857_000000532075_00077_35702_3607.N1	28-DEC-2008 05:58:57	Tw_i_and_stray	53.000	14	58Alp Ori	0.87000	3000.0	106	35702	No
108	GOM_NL__2PRFIN20081228_060134_000000472075_00077_35702_3608.N1	28-DEC-2008 06:01:34	Bright	47.000	13	87Alp Tau	0.86700	3800.0	94	35702	No
109	GOM_NL__2PRFIN20081228_060257_000000372075_00077_35702_3609.N1	28-DEC-2008 06:02:57	Bright	37.000	176	23Zet Tau	3.0200	22000.	74	35702	No
110	GOM_NL__2PRFIN20081228_060502_000000482075_00077_35702_3610.N1	28-DEC-2008 06:05:02	Bright	47.500	28	12Bet Tau	1.6500	15200.	95	35702	No
111	GOM_NL__2PRFIN20081228_060801_000000402075_00077_35702_3611.N1	28-DEC-2008 06:08:01	Bright	39.500	107	37The Aur	2.6490	11000.	79	35702	No
112	GOM_NL__2PRFIN20081228_060958_000000402075_00077_35702_3612.N1	28-DEC-2008 06:09:58	Bright	39.500	6	13Alp Aur	0.080000	3400.0	79	35702	No
113	GOM_NL__2PRFIN20081228_062203_000000362075_00077_35702_3613.N1	28-DEC-2008 06:22:03	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	35702	No
114	GOM_NL__2PRFIN20081228_062635_000000372075_00077_35702_3614.N1	28-DEC-2008 06:26:35	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	35702	No
115	GOM_NL__2PRFIN20081228_063019_000000362075_00077_35702_3615.N1	28-DEC-2008 06:30:19	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	35702	No
116	GOM_NL__2PRFIN20081228_063730_000000442075_00077_35702_3616.N1	28-DEC-2008 06:37:30	Bright	44.000	180	27Gam Boo	3.0400	8000.0	88	35702	No
117	GOM_NL__2PRFIN20081228_064104_000000482075_00077_35702_3617.N1	28-DEC-2008 06:41:04	Bright	48.000	83		2.3780	11000.	96	35702	No
118	GOM_NL__2PRFIN20081228_064616_000000352075_00077_35702_3618.N1	28-DEC-2008 06:46:16	Bright	34.500	102	24Alp Ser	2.6000	4250.0	69	35702	No
119	GOM_NL__2PRFIN20081228_065113_000000352075_00077_35702_3619.N1	28-DEC-2008 06:51:13	Bright	35.000	104	27Bet Lib	2.6140	13100.	70	35702	No
120	GOM_NL__2PRFIN20081228_065345_000000432075_00077_35702_3620.N1	28-DEC-2008 06:53:45	Tw_i_and_stray	43.000	122	9Alp2Lib	2.7470	9700.0	86	35702	No
121	GOM_NL__2PRFIN20081228_070032_000000462075_00077_35702_3621.N1	28-DEC-2008 07:00:32	Dark	46.000	54	5The Cen	2.0550	4500.0	92	35702	No
122	GOM_NL__2PRFIN20081228_070202_000000382075_00077_35702_3622.N1	28-DEC-2008 07:02:02	Dark	38.000	78	Alp Lup	2.3040	28000.	76	35702	No
123	GOM_NL__2PRFIN20081228_070323_000000402075_00077_35702_3623.N1	28-DEC-2008 07:03:23	Dark	40.000	95	Zet Cen	2.5450	26000.	80	35702	No
124	GOM_NL__2PRFIN20081228_070510_000000392075_00077_35702_3624.N1	28-DEC-2008 07:05:10	Dark	38.500	77	Eps Cen	2.3030	28000.	77	35702	No
125	GOM_NL__2PRFIN20081228_070643_000000422075_00078_35703_3612.N1	28-DEC-2008 07:06:43	Dark	41.500	64	Gam Cen	2.2000	10600.	83	35703	No
126	GOM_NL__2PRFIN20081228_071247_000000462075_00078_35703_3613.N1	28-DEC-2008 07:12:47	Dark	46.000	113	Mu Vel	2.6920	5000.0	92	35703	No
127	GOM_NL__2PRFIN20081228_071425_000000372075_00078_35703_3614.N1	28-DEC-2008 07:14:25	Dark	37.000	29	Bet Car	1.6720	10200.	74	35703	No
128	GOM_NL__2PRFIN20081228_071607_000000422075_00078_35703_3615.N1	28-DEC-2008 07:16:07	Dark	41.500	91	Kap Vel	2.4900	26000.	83	35703	No
129	GOM_NL__2PRFIN20081228_071733_000000462075_00078_35703_3616.N1	28-DEC-2008 07:17:33	Dark	46.000	46	Del Vel	1.9540	10600.	92	35703	No
130	GOM_NL__2PRFIN20081228_072141_000000512075_00078_35703_3617.N1	28-DEC-2008 07:21:41	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	35703	No
131	GOM_NL__2PRFIN20081228_072449_000000512075_00078_35703_3618.N1	28-DEC-2008 07:24:49	Dark	50.500	117	Pi Pup	2.7060	3800.0	101	35703	No
132	GOM_NL__2PRFIN20081228_072742_000000472075_00078_35703_3619.N1	28-DEC-2008 07:27:42	Straylight	47.000	23	21Eps CMa	1.5020	26000.	94	35703	No
133	GOM_NL__2PRFIN20081228_072918_000000432075_00078_35703_3620.N1	28-DEC-2008 07:29:18	Straylight	42.500	179	24Omi2CMa	3.0320	24000.	85	35703	No
134	GOM_NL__2PRFIN20081228_073151_000000532075_00078_35703_3621.N1	28-DEC-2008 07:31:51	Straylight	52.500	1	9Alp CMa	-1.4400	11000.	105	35703	No
135	GOM_NL__2PRFIN20081228_073459_000000442075_00078_35703_3622.N1	28-DEC-2008 07:34:59	Straylight	44.000	7	19Bet Ori	0.10000	14000.	88	35703	No
136	GOM_NL__2PRFIN20081228_073655_000000432075_00078_35703_3623.N1	28-DEC-2008 07:36:55	Straylight	42.500	30	46Eps Ori	1.6940	30000.	85	35703	No
137	GOM_NL__2PRFIN20081228_073933_000000552075_00078_35703_3624.N1	28-DEC-2008 07:39:33	Tw_i_and_stray	54.500	14	58Alp Ori	0.87000	3000.0	109	35703	No
138	GOM_NL__2PRFIN20081228_074210_000000522075_00078_35703_3625.N1	28-DEC-2008 07:42:10	Bright	52.000	13	87Alp Tau	0.86700	3800.0	104	35703	No
139	GOM_NL__2PRFIN20081228_074333_000000372075_00078_35703_3626.N1	28-DEC-2008 07:43:33	Bright	37.000	176	23Zet Tau	3.0200	22000.	74	35703	No
140	GOM_NL__2PRFIN20081228_074538_000000352075_00078_35703_3627.N1	28-DEC-2008 07:45:38	Bright	34.500	28	12Bet Tau	1.6500	15200.	69	35703	No
141	GOM_NL__2PRFIN20081228_074837_000000382075_00078_35703_3628.N1	28-DEC-2008 07:48:37	Bright	38.000	107	37The Aur	2.6490	11000.	76	35703	No
142	GOM_NL__2PRFIN20081228_075034_000000402075_00078_35703_3629.N1	28-DEC-2008 07:50:34	Bright	39.500	6	13Alp Aur	0.080000	3400.0	79	35703	No
143	GOM_NL__2PRFIN20081228_080239_000000372075_00078_35703_3630.N1	28-DEC-2008 08:02:39	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	35703	No
144	GOM_NL__2PRFIN20081228_080711_000000382075_00078_35703_3631.N1	28-DEC-2008 08:07:11	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	35703	No
145	GOM_NL__2PRFIN20081228_081055_000000362075_00078_35703_3632.N1	28-DEC-2008 08:10:55	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	35703	No
146	GOM_NL__2PRFIN20081228_081806_000000402075_00078_35703_3633.N1	28-DEC-2008 08:18:06	Bright	39.500	180	27Gam Boo	3.0400	8000.0	79	35703	No
147	GOM_NL__2PRFIN20081228_082140_000000402075_00078_35703_3634.N1	28-DEC-2008 08:21:40	Bright	40.000	83		2.3780	11000.	80	35703	No
148	GOM_NL__2PRFIN20081228_082652_000000352075_00078_35703_3635.N1	28-DEC-2008 08:26:52	Bright	34.500	102	24Alp Ser	2.6000	4250.0	69	35703	No
149	GOM_NL__2PRFIN20081228_083149_000000372075_00078_35703_3636.N1	28-DEC-2008 08:31:49	Bright	36.500	104	27Bet Lib	2.6140	13100.	73	35703	No
150	GOM_NL__2PRFIN20081228_083422_000000432075_00078_35703_3637.N1	28-DEC-2008 08:34:22	Tw_i_and_stray	43.000	122	9Alp2Lib	2.7470	9700.0	86	35703	No
151	GOM_NL__2PRFIN20081228_084109_000000452075_00078_35703_3638.N1	28-DEC-2008 08:41:09	Dark	45.000	54	5The Cen	2.0550	4500.0	90	35703	No
152	GOM_NL__2PRFIN20081228_084239_000000382075_00078_35703_3639.N1	28-DEC-2008 08:42:39	Dark	38.000	78	Alp Lup	2.3040	28000.	76	35703	No
153	GOM_NL__2PRFIN20081228_084359_000000392075_00078_35703_3640.N1	28-DEC-2008 08:43:59	Dark	39.000	95	Zet Cen	2.5450	26000.	78	35703	No
154	GOM_NL__2PRFIN20081228_084546_000000412075_00078_35703_3641.N1	28-DEC-2008 08:45:46	Dark	40.500	77	Eps Cen	2.3030	28000.	81	35703	No
155	GOM_NL__2PRFIN20081228_084719_000000412075_00079_35704_3628.N1	28-DEC-2008 08:47:19	Dark	40.500	64	Gam Cen	2.2000	10600.	81	35704	No
156	GOM_NL__2PRFIN20081228_085324_000000462075_00079_35704_3629.N1	28-DEC-2008 08:53:24	Dark	45.500	113	Mu Vel	2.6920	5000.0	91	35704	No
157	GOM_NL__2PRFIN20081228_085501_000000392075_00079_35704_3630.N1	28-DEC-2008 08:55:01	Dark	39.000	29	Bet Car	1.6720	10200.	78	35704	No
158	GOM_NL__2PRFIN20081228_085643_000000462075_00079_35704_3631.N1	28-DEC-2008 08:56:43	Dark	45.500	91	Kap Vel	2.4900	26000.	91	35704	No
159	GOM_NL__2PRFIN20081228_085809_000000412075_00079_35704_3632.N1	28-DEC-2008 08:58:09	Dark	40.500	46	Del Vel	1.9540	10600.	81	35704	No
160	GOM_NL__2PRFIN20081228_090217_000000442075_00079_35704_3633.N1	28-DEC-2008 09:02:17	Dark	43.500	2	Alp Car	-0.73600	7000.0	87	35704	No



161	GOM_NL__2PRFIN20081228_090526_000000492075_00079_35704_3634.N1	28-DEC-2008 09:05:26	Dark	49.000	117	Pi Pup	2.7060	3800.0	98	35704	No
162	GOM_NL__2PRFIN20081228_090818_000000452075_00079_35704_3635.N1	28-DEC-2008 09:08:18	Straylight	45.000	23	21Eps CMa	1.5020	26000.	90	35704	No
163	GOM_NL__2PRFIN20081228_090954_000000462075_00079_35704_3636.N1	28-DEC-2008 09:09:54	Straylight	45.500	179	24Omi2CMa	3.0320	24000.	91	35704	No
164	GOM_NL__2PRFIN20081228_091227_000000592075_00079_35704_3637.N1	28-DEC-2008 09:12:27	Straylight	59.000	1	9Alp CMa	-1.4400	11000.	118	35704	No
165	GOM_NL__2PRFIN20081228_091535_000000462075_00079_35704_3638.N1	28-DEC-2008 09:15:35	Straylight	45.500	7	19Bet Ori	0.10000	14000.	91	35704	No
166	GOM_NL__2PRFIN20081228_091731_000000412075_00079_35704_3639.N1	28-DEC-2008 09:17:31	Straylight	40.500	30	46Eps Ori	1.6940	30000.	81	35704	No
167	GOM_NL__2PRFIN20081228_092008_000000542075_00079_35704_3640.N1	28-DEC-2008 09:20:08	Tw_i_and_stray	53.500	14	58Alp Ori	0.87000	3000.0	107	35704	No
168	GOM_NL__2PRFIN20081228_092246_000000392075_00079_35704_3641.N1	28-DEC-2008 09:22:46	Bright	39.000	13	87Alp Tau	0.86700	3800.0	78	35704	No
169	GOM_NL__2PRFIN20081228_092408_000000352075_00079_35704_3642.N1	28-DEC-2008 09:24:08	Bright	35.000	176	23Zet Tau	3.0200	22000.	70	35704	No
170	GOM_NL__2PRFIN20081228_092614_000000362075_00079_35704_3643.N1	28-DEC-2008 09:26:14	Bright	36.000	28	12Bet Tau	1.6500	15200.	72	35704	No
171	GOM_NL__2PRFIN20081228_092913_000000382075_00079_35704_3644.N1	28-DEC-2008 09:29:13	Bright	38.000	107	37The Aur	2.6490	11000.	76	35704	No
172	GOM_NL__2PRFIN20081228_093110_000000402075_00079_35704_3645.N1	28-DEC-2008 09:31:10	Bright	40.000	6	13Alp Aur	0.080000	3400.0	80	35704	No
173	GOM_NL__2PRFIN20081228_094314_000000372075_00079_35704_3646.N1	28-DEC-2008 09:43:14	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	35704	No
174	GOM_NL__2PRFIN20081228_094747_000000382075_00079_35704_3647.N1	28-DEC-2008 09:47:47	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	35704	No
175	GOM_NL__2PRFIN20081228_095131_000000362075_00079_35704_3648.N1	28-DEC-2008 09:51:31	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	35704	No
176	GOM_NL__2PRFIN20081228_095842_000000522075_00079_35704_3649.N1	28-DEC-2008 09:58:42	Bright	52.000	180	27Gam Boo	3.0400	8000.0	104	35704	No
177	GOM_NL__2PRFIN20081228_100216_000000412075_00079_35704_3650.N1	28-DEC-2008 10:02:16	Bright	41.000	83		2.3780	11000.	82	35704	No
178	GOM_NL__2PRFIN20081228_100728_000000342075_00079_35704_3651.N1	28-DEC-2008 10:07:28	Bright	34.000	102	24Alp Ser	2.6000	4250.0	68	35704	No
179	GOM_NL__2PRFIN20081228_101225_000000352075_00079_35704_3652.N1	28-DEC-2008 10:12:25	Bright	35.000	104	27Bet Lib	2.6140	13100.	70	35704	No
180	GOM_NL__2PRFIN20081228_101458_000000422075_00079_35704_3653.N1	28-DEC-2008 10:14:58	Tw_i_and_stray	41.500	122	9Alp2Lib	2.7470	9700.0	83	35704	No
181	GOM_NL__2PRFIN20081228_102146_000000452075_00079_35704_3654.N1	28-DEC-2008 10:21:46	Dark	45.000	54	5The Cen	2.0550	4500.0	90	35704	No
182	GOM_NL__2PRFIN20081228_102315_000000382075_00079_35704_3655.N1	28-DEC-2008 10:23:15	Dark	37.500	78	Alp Lup	2.3040	28000.	75	35704	No
183	GOM_NL__2PRFIN20081228_102436_000000392075_00079_35704_3656.N1	28-DEC-2008 10:24:36	Dark	39.000	95	Zet Cen	2.5450	26000.	78	35704	No
184	GOM_NL__2PRFIN20081228_102623_000000392075_00079_35704_3657.N1	28-DEC-2008 10:26:23	Dark	39.000	77	Eps Cen	2.3030	28000.	78	35704	No
185	GOM_NL__2PRFIN20081228_102756_000000442075_00080_35705_3642.N1	28-DEC-2008 10:27:56	Dark	44.000	64	Gam Cen	2.2000	10600.	88	35705	No
186	GOM_NL__2PRFIN20081228_103401_000000472075_00080_35705_3643.N1	28-DEC-2008 10:34:01	Dark	47.000	113	Mu Vel	2.6920	5000.0	94	35705	No
187	GOM_NL__2PRFIN20081228_103537_000000392075_00080_35705_3644.N1	28-DEC-2008 10:35:37	Dark	39.000	29	Bet Car	1.6720	10200.	78	35705	No
188	GOM_NL__2PRFIN20081228_103720_000000412075_00080_35705_3645.N1	28-DEC-2008 10:37:20	Dark	41.000	91	Kap Vel	2.4900	26000.	82	35705	No
189	GOM_NL__2PRFIN20081228_103846_000000432075_00080_35705_3646.N1	28-DEC-2008 10:38:46	Dark	42.500	46	Del Vel	1.9540	10600.	85	35705	No
190	GOM_NL__2PRFIN20081228_104253_000000472075_00080_35705_3647.N1	28-DEC-2008 10:42:53	Dark	46.500	2	Alp Car	-0.73600	7000.0	93	35705	No
191	GOM_NL__2PRFIN20081228_104602_000000462075_00080_35705_3648.N1	28-DEC-2008 10:46:02	Dark	45.500	117	Pi Pup	2.7060	3800.0	91	35705	No
192	GOM_NL__2PRFIN20081228_104855_000000452075_00080_35705_3649.N1	28-DEC-2008 10:48:55	Straylight	44.500	23	21Eps CMa	1.5020	26000.	89	35705	No
193	GOM_NL__2PRFIN20081228_105030_000000452075_00080_35705_3650.N1	28-DEC-2008 10:50:30	Straylight	45.000	179	24Omi2CMa	3.0320	24000.	90	35705	No
194	GOM_NL__2PRFIN20081228_105303_000000602075_00080_35705_3651.N1	28-DEC-2008 10:53:03	Straylight	60.000	1	9Alp CMa	-1.4400	11000.	120	35705	No
195	GOM_NL__2PRFIN20081228_105611_000000432075_00080_35705_3652.N1	28-DEC-2008 10:56:11	Straylight	43.000	7	19Bet Ori	0.10000	14000.	86	35705	No
196	GOM_NL__2PRFIN20081228_105807_000000442075_00080_35705_3653.N1	28-DEC-2008 10:58:07	Straylight	43.500	30	46Eps Ori	1.6940	30000.	87	35705	No
197	GOM_NL__2PRFIN20081228_110044_000000572075_00080_35705_3654.N1	28-DEC-2008 11:00:44	Tw_i_and_stray	57.000	14	58Alp Ori	0.87000	3000.0	114	35705	No
198	GOM_NL__2PRFIN20081228_110322_000000412075_00080_35705_3655.N1	28-DEC-2008 11:03:22	Bright	40.500	13	87Alp Tau	0.86700	3800.0	81	35705	No
199	GOM_NL__2PRFIN20081228_110444_000000402075_00080_35705_3656.N1	28-DEC-2008 11:04:44	Bright	39.500	176	23Zet Tau	3.0200	22000.	79	35705	No
200	GOM_NL__2PRFIN20081228_110650_000000382075_00080_35705_3657.N1	28-DEC-2008 11:06:50	Bright	38.000	28	12Bet Tau	1.6500	15200.	76	35705	No
201	GOM_NL__2PRFIN20081228_110948_000000392075_00080_35705_3658.N1	28-DEC-2008 11:09:48	Bright	39.000	107	37The Aur	2.6490	11000.	78	35705	No
202	GOM_NL__2PRFIN20081228_111145_000000412075_00080_35705_3659.N1	28-DEC-2008 11:11:45	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	35705	No
203	GOM_NL__2PRFIN20081228_112350_000000362075_00080_35705_3660.N1	28-DEC-2008 11:23:50	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	35705	No
204	GOM_NL__2PRFIN20081228_112823_000000382075_00080_35705_3661.N1	28-DEC-2008 11:28:23	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	35705	No
205	GOM_NL__2PRFIN20081228_113206_000000332075_00080_35705_3662.N1	28-DEC-2008 11:32:06	Bright	33.000	119	14Eta Dra	2.7270	4700.0	66	35705	No
206	GOM_NL__2PRFIN20081228_113918_000000412075_00080_35705_3663.N1	28-DEC-2008 11:39:18	Bright	41.000	180	27Gam Boo	3.0400	8000.0	82	35705	No
207	GOM_NL__2PRFIN20081228_114252_000000592075_00080_35705_3664.N1	28-DEC-2008 11:42:52	Bright	59.000	83		2.3780	11000.	118	35705	No
208	GOM_NL__2PRFIN20081228_114805_000000362075_00080_35705_3665.N1	28-DEC-2008 11:48:05	Bright	35.500	102	24Alp Ser	2.6000	4250.0	71	35705	No
209	GOM_NL__2PRFIN20081228_115302_000000502075_00080_35705_3666.N1	28-DEC-2008 11:53:02	Bright	49.500	104	27Bet Lib	2.6140	13100.	99	35705	No
210	GOM_NL__2PRFIN20081228_115535_000000422075_00080_35705_3667.N1	28-DEC-2008 11:55:35	Tw_i_and_stray	42.000	122	9Alp2Lib	2.7470	9700.0	84	35705	No
211	GOM_NL__2PRFIN20081228_120222_000000452075_00080_35705_3668.N1	28-DEC-2008 12:02:22	Dark	45.000	54	5The Cen	2.0550	4500.0	90	35705	No
212	GOM_NL__2PRFIN20081228_120351_000000382075_00080_35705_3669.N1	28-DEC-2008 12:03:51	Dark	37.500	78	Alp Lup	2.3040	28000.	75	35705	No
213	GOM_NL__2PRFIN20081228_120512_000000412075_00080_35705_3670.N1	28-DEC-2008 12:05:12	Dark	40.500	95	Zet Cen	2.5450	26000.	81	35705	No
214	GOM_NL__2PRFIN20081228_120659_000000402075_00080_35705_3671.N1	28-DEC-2008 12:06:59	Dark	40.000	77	Eps Cen	2.3030	28000.	80	35705	No
215	GOM_NL__2PRFIN20081228_120833_000000412075_00081_35706_3656.N1	28-DEC-2008 12:08:33	Dark	41.000	64	Gam Cen	2.2000	10600.	82	35706	No
216	GOM_NL__2PRFIN20081228_121410_000000392075_00081_35706_3657.N1	28-DEC-2008 12:14:10	Dark	39.000	124	The Car	2.7640	30000.	78	35706	No
217	GOM_NL__2PRFIN20081228_121613_000000382075_00081_35706_3658.N1	28-DEC-2008 12:16:13	Dark	38.000	29	Bet Car	1.6720	10200.	76	35706	No
218	GOM_NL__2PRFIN20081228_121756_000000412075_00081_35706_3659.N1	28-DEC-2008 12:17:56	Dark	41.000	91	Kap Vel	2.4900	26000.	82	35706	No
219	GOM_NL__2PRFIN20081228_121922_000000412075_00081_35706_3660.N1	28-DEC-2008 12:19:22	Dark	41.000	46	Del Vel	1.9540	10600.	82	35706	No

220	GOM_NL__2PRFIN20081228_122329_000000382075_00081_35706_3661.N1	28-DEC-2008 12:23:29	Dark	37.500	2	Alp Car	-0.73600	7000.0	75	35706	No
221	GOM_NL__2PRFIN20081228_122638_000000492075_00081_35706_3662.N1	28-DEC-2008 12:26:38	Dark	49.000	117	Pi Pup	2.7060	3800.0	98	35706	No
222	GOM_NL__2PRFIN20081228_122931_000000462075_00081_35706_3663.N1	28-DEC-2008 12:29:31	Straylight	46.000	23	21Eps CMa	1.5020	26000.	92	35706	No
223	GOM_NL__2PRFIN20081228_123106_000000442075_00081_35706_3664.N1	28-DEC-2008 12:31:06	Straylight	43.500	179	24Omi2CMa	3.0320	24000.	87	35706	No
224	GOM_NL__2PRFIN20081228_123339_000000512075_00081_35706_3665.N1	28-DEC-2008 12:33:39	Straylight	51.000	1	9Alp CMa	-1.4400	11000.	102	35706	No
225	GOM_NL__2PRFIN20081228_123647_000000452075_00081_35706_3666.N1	28-DEC-2008 12:36:47	Straylight	45.000	7	19Bet Ori	0.10000	14000.	90	35706	No
226	GOM_NL__2PRFIN20081228_123843_000000432075_00081_35706_3667.N1	28-DEC-2008 12:38:43	Straylight	42.500	30	46Eps Ori	1.6940	30000.	85	35706	No
227	GOM_NL__2PRFIN20081228_124120_000000562075_00081_35706_3668.N1	28-DEC-2008 12:41:20	Tw_i_and_stray	56.000	14	58Alp Ori	0.87000	3000.0	112	35706	No
228	GOM_NL__2PRFIN20081228_124358_000000422075_00081_35706_3669.N1	28-DEC-2008 12:43:58	Bright	42.000	13	87Alp Tau	0.86700	3800.0	84	35706	No
229	GOM_NL__2PRFIN20081228_124520_000000492075_00081_35706_3670.N1	28-DEC-2008 12:45:20	Bright	48.500	176	23Zet Tau	3.0200	22000.	97	35706	No
230	GOM_NL__2PRFIN20081228_124725_000000392075_00081_35706_3671.N1	28-DEC-2008 12:47:25	Bright	38.500	28	12Bet Tau	1.6500	15200.	77	35706	No
231	GOM_NL__2PRFIN20081228_125024_000000402075_00081_35706_3672.N1	28-DEC-2008 12:50:24	Bright	39.500	107	37The Aur	2.6490	11000.	79	35706	No
232	GOM_NL__2PRFIN20081228_125221_000000402075_00081_35706_3673.N1	28-DEC-2008 12:52:21	Bright	40.000	6	13Alp Aur	0.080000	3400.0	80	35706	No
233	GOM_NL__2PRFIN20081228_130426_000000372075_00081_35706_3674.N1	28-DEC-2008 13:04:26	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	35706	No
234	GOM_NL__2PRFIN20081228_130858_000000352075_00081_35706_3675.N1	28-DEC-2008 13:08:58	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	35706	No
235	GOM_NL__2PRFIN20081228_131242_000000372075_00081_35706_3676.N1	28-DEC-2008 13:12:42	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	35706	No
236	GOM_NL__2PRFIN20081228_131954_000000602075_00081_35706_3677.N1	28-DEC-2008 13:19:54	Bright	60.000	180	27Gam Boo	3.0400	8000.0	120	35706	No
237	GOM_NL__2PRFIN20081228_132328_000000402075_00081_35706_3678.N1	28-DEC-2008 13:23:28	Bright	39.500	83		2.3780	11000.	79	35706	No
238	GOM_NL__2PRFIN20081228_132841_000000342075_00081_35706_3679.N1	28-DEC-2008 13:28:41	Bright	34.000	102	24Alp Ser	2.6000	4250.0	68	35706	No
239	GOM_NL__2PRFIN20081228_133338_000000372075_00081_35706_3680.N1	28-DEC-2008 13:33:38	Bright	37.000	104	27Bet Lib	2.6140	13100.	74	35706	No
240	GOM_NL__2PRFIN20081228_133611_000000412075_00081_35706_3681.N1	28-DEC-2008 13:36:11	Tw_i_and_stray	40.500	122	9Alp2Lib	2.7470	9700.0	81	35706	No
241	GOM_NL__2PRFIN20081228_134259_000000462075_00081_35706_3682.N1	28-DEC-2008 13:42:59	Dark	46.000	54	5The Cen	2.0550	4500.0	92	35706	No
242	GOM_NL__2PRFIN20081228_134427_000000392075_00081_35706_3683.N1	28-DEC-2008 13:44:27	Dark	38.500	78	Alp Lup	2.3040	28000.	77	35706	No
243	GOM_NL__2PRFIN20081228_134548_000000392075_00081_35706_3684.N1	28-DEC-2008 13:45:48	Dark	39.000	95	Zet Cen	2.5450	26000.	78	35706	No
244	GOM_NL__2PRFIN20081228_134735_000000392075_00081_35706_3685.N1	28-DEC-2008 13:47:35	Dark	38.500	77	Eps Cen	2.3030	28000.	77	35706	No
245	GOM_NL__2PRFIN20081228_134909_000000422075_00082_35707_3670.N1	28-DEC-2008 13:49:09	Dark	42.000	64	Gam Cen	2.2000	10600.	84	35707	No
246	GOM_NL__2PRFIN20081228_135446_000000382075_00082_35707_3671.N1	28-DEC-2008 13:54:46	Dark	37.500	124	The Car	2.7640	30000.	75	35707	No
247	GOM_NL__2PRFIN20081228_135650_000000382075_00082_35707_3672.N1	28-DEC-2008 13:56:50	Dark	37.500	29	Bet Car	1.6720	10200.	75	35707	No
248	GOM_NL__2PRFIN20081228_135833_000000432075_00082_35707_3673.N1	28-DEC-2008 13:58:33	Dark	42.500	91	Kap Vel	2.4900	26000.	85	35707	No
249	GOM_NL__2PRFIN20081228_135959_000000432075_00082_35707_3674.N1	28-DEC-2008 13:59:59	Dark	42.500	46	Del Vel	1.9540	10600.	85	35707	No
250	GOM_NL__2PRFIN20081228_140405_000000522075_00082_35707_3675.N1	28-DEC-2008 14:04:05	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	35707	No
251	GOM_NL__2PRFIN20081228_140714_000000482075_00082_35707_3676.N1	28-DEC-2008 14:07:14	Dark	48.000	117	Pi Pup	2.7060	3800.0	96	35707	No
252	GOM_NL__2PRFIN20081228_141007_000000472075_00082_35707_3677.N1	28-DEC-2008 14:10:07	Straylight	46.500	23	21Eps CMa	1.5020	26000.	93	35707	No
253	GOM_NL__2PRFIN20081228_141142_000000452075_00082_35707_3678.N1	28-DEC-2008 14:11:42	Straylight	45.000	179	24Omi2CMa	3.0320	24000.	90	35707	No
254	GOM_NL__2PRFIN20081228_141415_000000532075_00082_35707_3679.N1	28-DEC-2008 14:14:15	Straylight	53.000	1	9Alp CMa	-1.4400	11000.	106	35707	No
255	GOM_NL__2PRFIN20081228_141723_000000442075_00082_35707_3680.N1	28-DEC-2008 14:17:23	Straylight	44.000	7	19Bet Ori	0.10000	14000.	88	35707	No
256	GOM_NL__2PRFIN20081228_141919_000000402075_00082_35707_3681.N1	28-DEC-2008 14:19:19	Straylight	40.000	30	46Eps Ori	1.6940	30000.	80	35707	No
257	GOM_NL__2PRFIN20081228_142156_000000552075_00082_35707_3682.N1	28-DEC-2008 14:21:56	Tw_i_and_stray	54.500	14	58Alp Ori	0.87000	3000.0	109	35707	No
258	GOM_NL__2PRFIN20081228_142434_000000522075_00082_35707_3683.N1	28-DEC-2008 14:24:34	Bright	52.000	13	87Alp Tau	0.86700	3800.0	104	35707	No
259	GOM_NL__2PRFIN20081228_142555_000000452075_00082_35707_3684.N1	28-DEC-2008 14:25:55	Bright	44.500	176	23Zet Tau	3.0200	22000.	89	35707	No
260	GOM_NL__2PRFIN20081228_142801_000000392075_00082_35707_3685.N1	28-DEC-2008 14:28:01	Bright	39.000	28	12Bet Tau	1.6500	15200.	78	35707	No
261	GOM_NL__2PRFIN20081228_143059_000000392075_00082_35707_3686.N1	28-DEC-2008 14:30:59	Bright	38.500	107	37The Aur	2.6490	11000.	77	35707	No
262	GOM_NL__2PRFIN20081228_143257_000000382075_00082_35707_3687.N1	28-DEC-2008 14:32:57	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	35707	No
263	GOM_NL__2PRFIN20081228_144502_000000362075_00082_35707_3688.N1	28-DEC-2008 14:45:02	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	35707	No
264	GOM_NL__2PRFIN20081228_144934_000000382075_00082_35707_3689.N1	28-DEC-2008 14:49:34	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	35707	No
265	GOM_NL__2PRFIN20081228_145319_000000372075_00082_35707_3690.N1	28-DEC-2008 14:53:19	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	35707	No
266	GOM_NL__2PRFIN20081228_150030_000000402075_00082_35707_3691.N1	28-DEC-2008 15:00:30	Bright	39.500	180	27Gam Boo	3.0400	8000.0	79	35707	No
267	GOM_NL__2PRFIN20081228_150404_000000442075_00082_35707_3692.N1	28-DEC-2008 15:04:04	Bright	44.000	83		2.3780	11000.	88	35707	No
268	GOM_NL__2PRFIN20081228_150917_000000342075_00082_35707_3693.N1	28-DEC-2008 15:09:17	Bright	34.000	102	24Alp Ser	2.6000	4250.0	68	35707	No
269	GOM_NL__2PRFIN20081228_151414_000000372075_00082_35707_3694.N1	28-DEC-2008 15:14:14	Bright	36.500	104	27Bet Lib	2.6140	13100.	73	35707	No
270	GOM_NL__2PRFIN20081228_151648_000000422075_00082_35707_3695.N1	28-DEC-2008 15:16:48	Tw_i_and_stray	41.500	122	9Alp2Lib	2.7470	9700.0	83	35707	No
271	GOM_NL__2PRFIN20081228_152335_000000442075_00082_35707_3696.N1	28-DEC-2008 15:23:35	Dark	43.500	54	5The Cen	2.0550	4500.0	87	35707	No
272	GOM_NL__2PRFIN20081228_152504_000000392075_00082_35707_3697.N1	28-DEC-2008 15:25:04	Dark	38.500	78	Alp Lup	2.3040	28000.	77	35707	No
273	GOM_NL__2PRFIN20081228_152625_000000392075_00082_35707_3698.N1	28-DEC-2008 15:26:25	Dark	39.000	95	Zet Cen	2.5450	26000.	78	35707	No
274	GOM_NL__2PRFIN20081228_152812_000000392075_00082_35707_3699.N1	28-DEC-2008 15:28:12	Dark	38.500	77	Eps Cen	2.3030	28000.	77	35707	No
275	GOM_NL__2PRFIN20081228_152946_000000422075_00083_35708_3684.N1	28-DEC-2008 15:29:46	Dark	41.500	64	Gam Cen	2.2000	10600.	83	35708	No
276	GOM_NL__2PRFIN20081228_153522_000000392075_00083_35708_3685.N1	28-DEC-2008 15:35:22	Dark	38.500	124	The Car	2.7640	30000.	77	35708	No
277	GOM_NL__2PRFIN20081228_153726_000000382075_00083_35708_3686.N1	28-DEC-2008 15:37:26	Dark	38.000	29	Bet Car	1.6720	10200.	76	35708	No
278	GOM_NL__2PRFIN20081228_153909_000000412075_00083_35708_3687.N1	28-DEC-2008 15:39:09	Dark	41.000	91	Kap Vel	2.4900	26000.	82	35708	No

279	GOM_NL__2PRFIN20081228_154035_000000422075_00083_35708_3688.N1	28-DEC-2008 15:40:35	Dark	42.000	46	Del Vel	1.9540	10600.	84	35708	No
280	GOM_NL__2PRFIN20081228_154442_000000472075_00083_35708_3689.N1	28-DEC-2008 15:44:42	Dark	46.500	2	Alp Car	-0.73600	7000.0	93	35708	No
281	GOM_NL__2PRFIN20081228_154751_000000472075_00083_35708_3690.N1	28-DEC-2008 15:47:51	Dark	47.000	117	Pi Pup	2.7060	3800.0	94	35708	No
282	GOM_NL__2PRFIN20081228_155043_000000472075_00083_35708_3691.N1	28-DEC-2008 15:50:43	Straylight	46.500	23	21Eps CMa	1.5020	26000.	93	35708	No
283	GOM_NL__2PRFIN20081228_155218_000000452075_00083_35708_3692.N1	28-DEC-2008 15:52:18	Straylight	45.000	179	24Omi2CMa	3.0320	24000.	90	35708	No
284	GOM_NL__2PRFIN20081228_155451_000000542075_00083_35708_3693.N1	28-DEC-2008 15:54:51	Straylight	53.500	1	9Alp CMa	-1.4400	11000.	107	35708	No
285	GOM_NL__2PRFIN20081228_155759_000000432075_00083_35708_3694.N1	28-DEC-2008 15:57:59	Straylight	43.000	7	19Bet Ori	0.10000	14000.	86	35708	No
286	GOM_NL__2PRFIN20081228_155955_000000422075_00083_35708_3695.N1	28-DEC-2008 15:59:55	Straylight	42.000	30	46Eps Ori	1.6940	30000.	84	35708	No
287	GOM_NL__2PRFIN20081228_160231_000000532075_00083_35708_3696.N1	28-DEC-2008 16:02:31	Tw_i_and_stray	52.500	14	58Alp Ori	0.87000	3000.0	105	35708	No
288	GOM_NL__2PRFIN20081228_160510_000000522075_00083_35708_3697.N1	28-DEC-2008 16:05:10	Bright	52.000	13	87Alp Tau	0.86700	3800.0	104	35708	No
289	GOM_NL__2PRFIN20081228_160631_000000532075_00083_35708_3698.N1	28-DEC-2008 16:06:31	Bright	52.500	176	23Zet Tau	3.0200	22000.	105	35708	No
290	GOM_NL__2PRFIN20081228_160837_000000382075_00083_35708_3699.N1	28-DEC-2008 16:08:37	Bright	37.500	28	12Bet Tau	1.6500	15200.	75	35708	No
291	GOM_NL__2PRFIN20081228_161135_000000402075_00083_35708_3700.N1	28-DEC-2008 16:11:35	Bright	39.500	107	37The Aur	2.6490	11000.	79	35708	No
292	GOM_NL__2PRFIN20081228_161333_000000412075_00083_35708_3701.N1	28-DEC-2008 16:13:33	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	35708	No
293	GOM_NL__2PRFIN20081228_162538_000000352075_00083_35708_3702.N1	28-DEC-2008 16:25:38	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	35708	No
294	GOM_NL__2PRFIN20081228_163010_000000392075_00083_35708_3703.N1	28-DEC-2008 16:30:10	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	35708	No
295	GOM_NL__2PRFIN20081228_163354_000000382075_00083_35708_3704.N1	28-DEC-2008 16:33:54	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	35708	No
296	GOM_NL__2PRFIN20081228_164106_000000412075_00083_35708_3705.N1	28-DEC-2008 16:41:06	Bright	41.000	180	27Gam Boo	3.0400	8000.0	82	35708	No
297	GOM_NL__2PRFIN20081228_164440_000000412075_00083_35708_3706.N1	28-DEC-2008 16:44:40	Bright	40.500	83		2.3780	11000.	81	35708	No
298	GOM_NL__2PRFIN20081228_164953_000000532075_00083_35708_3707.N1	28-DEC-2008 16:49:53	Bright	53.000	102	24Alp Ser	2.6000	4250.0	106	35708	No
299	GOM_NL__2PRFIN20081228_165451_000000542075_00083_35708_3708.N1	28-DEC-2008 16:54:51	Bright	54.000	104	27Bet Lib	2.6140	13100.	108	35708	No
300	GOM_NL__2PRFIN20081228_165724_000000412075_00083_35708_3709.N1	28-DEC-2008 16:57:24	Tw_i_and_stray	40.500	122	9Alp2Lib	2.7470	9700.0	81	35708	No
301	GOM_NL__2PRFIN20081228_170412_000000492075_00083_35708_3710.N1	28-DEC-2008 17:04:12	Dark	48.500	54	5The Cen	2.0550	4500.0	97	35708	No
302	GOM_NL__2PRFIN20081228_170540_000000392075_00083_35708_3711.N1	28-DEC-2008 17:05:40	Dark	38.500	78	Alp Lup	2.3040	28000.	77	35708	No
303	GOM_NL__2PRFIN20081228_170702_000000382075_00083_35708_3712.N1	28-DEC-2008 17:07:02	Dark	38.000	95	Zet Cen	2.5450	26000.	76	35708	No
304	GOM_NL__2PRFIN20081228_170848_000000382075_00083_35708_3713.N1	28-DEC-2008 17:08:48	Dark	38.000	77	Eps Cen	2.3030	28000.	76	35708	No
305	GOM_NL__2PRFIN20081228_171023_000000422075_00084_35709_3699.N1	28-DEC-2008 17:10:23	Dark	42.000	64	Gam Cen	2.2000	10600.	84	35709	No
306	GOM_NL__2PRFIN20081228_171559_000000382075_00084_35709_3700.N1	28-DEC-2008 17:15:59	Dark	38.000	124	The Car	2.7640	30000.	76	35709	No
307	GOM_NL__2PRFIN20081228_171802_000000382075_00084_35709_3701.N1	28-DEC-2008 17:18:02	Dark	38.000	29	Bet Car	1.6720	10200.	76	35709	No
308	GOM_NL__2PRFIN20081228_171946_000000412075_00084_35709_3702.N1	28-DEC-2008 17:19:46	Dark	41.000	91	Kap Vel	2.4900	26000.	82	35709	No
309	GOM_NL__2PRFIN20081228_172112_000000422075_00084_35709_3703.N1	28-DEC-2008 17:21:12	Dark	41.500	46	Del Vel	1.9540	10600.	83	35709	No
310	GOM_NL__2PRFIN20081228_172518_000000472075_00084_35709_3704.N1	28-DEC-2008 17:25:18	Dark	47.000	2	Alp Car	-0.73600	7000.0	94	35709	No
311	GOM_NL__2PRFIN20081228_172827_000000492075_00084_35709_3705.N1	28-DEC-2008 17:28:27	Dark	49.000	117	Pi Pup	2.7060	3800.0	98	35709	No
312	GOM_NL__2PRFIN20081228_173120_000000482075_00084_35709_3706.N1	28-DEC-2008 17:31:20	Straylight	47.500	23	21Eps CMa	1.5020	26000.	95	35709	No
313	GOM_NL__2PRFIN20081228_173255_000000452075_00084_35709_3707.N1	28-DEC-2008 17:32:55	Straylight	44.500	179	24Omi2CMa	3.0320	24000.	89	35709	No
314	GOM_NL__2PRFIN20081228_173527_000000522075_00084_35709_3708.N1	28-DEC-2008 17:35:27	Straylight	51.500	1	9Alp CMa	-1.4400	11000.	103	35709	No
315	GOM_NL__2PRFIN20081228_173835_000000462075_00084_35709_3709.N1	28-DEC-2008 17:38:35	Straylight	46.000	7	19Bet Ori	0.10000	14000.	92	35709	No
316	GOM_NL__2PRFIN20081228_174031_000000442075_00084_35709_3710.N1	28-DEC-2008 17:40:31	Straylight	43.500	30	46Eps Ori	1.6940	30000.	87	35709	No
317	GOM_NL__2PRFIN20081228_174307_000000522075_00084_35709_3711.N1	28-DEC-2008 17:43:07	Tw_i_and_stray	52.000	14	58Alp Ori	0.87000	3000.0	104	35709	No
318	GOM_NL__2PRFIN20081228_174546_000000522075_00084_35709_3712.N1	28-DEC-2008 17:45:46	Bright	52.000	13	87Alp Tau	0.86700	3800.0	104	35709	No
319	GOM_NL__2PRFIN20081228_174707_000000422075_00084_35709_3713.N1	28-DEC-2008 17:47:07	Bright	41.500	176	23Zet Tau	3.0200	22000.	83	35709	No
320	GOM_NL__2PRFIN20081228_174913_000000392075_00084_35709_3714.N1	28-DEC-2008 17:49:13	Bright	39.000	28	12Bet Tau	1.6500	15200.	78	35709	No
321	GOM_NL__2PRFIN20081228_175211_000000402075_00084_35709_3715.N1	28-DEC-2008 17:52:11	Bright	40.000	107	37The Aur	2.6490	11000.	80	35709	No
322	GOM_NL__2PRFIN20081228_175408_000000412075_00084_35709_3716.N1	28-DEC-2008 17:54:08	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	35709	No
323	GOM_NL__2PRFIN20081228_180614_000000372075_00084_35709_3717.N1	28-DEC-2008 18:06:14	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	35709	No
324	GOM_NL__2PRFIN20081228_181046_000000382075_00084_35709_3718.N1	28-DEC-2008 18:10:46	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	35709	No
325	GOM_NL__2PRFIN20081228_181430_000000372075_00084_35709_3719.N1	28-DEC-2008 18:14:30	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	35709	No
326	GOM_NL__2PRFIN20081228_182142_000000602075_00084_35709_3720.N1	28-DEC-2008 18:21:42	Bright	60.000	180	27Gam Boo	3.0400	8000.0	120	35709	No
327	GOM_NL__2PRFIN20081228_182516_000000462075_00084_35709_3721.N1	28-DEC-2008 18:25:16	Bright	45.500	83		2.3780	11000.	91	35709	No
328	GOM_NL__2PRFIN20081228_183029_000000362075_00084_35709_3722.N1	28-DEC-2008 18:30:29	Bright	35.500	102	24Alp Ser	2.6000	4250.0	71	35709	No
329	GOM_NL__2PRFIN20081228_183527_000000542075_00084_35709_3723.N1	28-DEC-2008 18:35:27	Bright	54.000	104	27Bet Lib	2.6140	13100.	108	35709	No
330	GOM_NL__2PRFIN20081228_183801_000000402075_00084_35709_3724.N1	28-DEC-2008 18:38:01	Tw_i_and_stray	39.500	122	9Alp2Lib	2.7470	9700.0	79	35709	No
331	GOM_NL__2PRFIN20081228_184448_000000452075_00084_35709_3725.N1	28-DEC-2008 18:44:48	Dark	45.000	54	5The Cen	2.0550	4500.0	90	35709	No
332	GOM_NL__2PRFIN20081228_184617_000000382075_00084_35709_3726.N1	28-DEC-2008 18:46:17	Dark	37.500	78	Alp Lup	2.3040	28000.	75	35709	No
333	GOM_NL__2PRFIN20081228_184738_000000392075_00084_35709_3727.N1	28-DEC-2008 18:47:38	Dark	38.500	95	Zet Cen	2.5450	26000.	77	35709	No
334	GOM_NL__2PRFIN20081228_184925_000000382075_00084_35709_3728.N1	28-DEC-2008 18:49:25	Dark	38.000	77	Eps Cen	2.3030	28000.	76	35709	No
335	GOM_NL__2PRFIN20081228_185100_000000432075_00085_35710_3711.N1	28-DEC-2008 18:51:00	Dark	42.500	64	Gam Cen	2.2000	10600.	85	35710	No
336	GOM_NL__2PRFIN20081228_185635_000000392075_00085_35710_3712.N1	28-DEC-2008 18:56:35	Dark	38.500	124	The Car	2.7640	30000.	77	35710	No
337	GOM_NL__2PRFIN20081228_185839_000000382075_00085_35710_3713.N1	28-DEC-2008 18:58:39	Dark	38.000	29	Bet Car	1.6720	10200.	76	35710	No



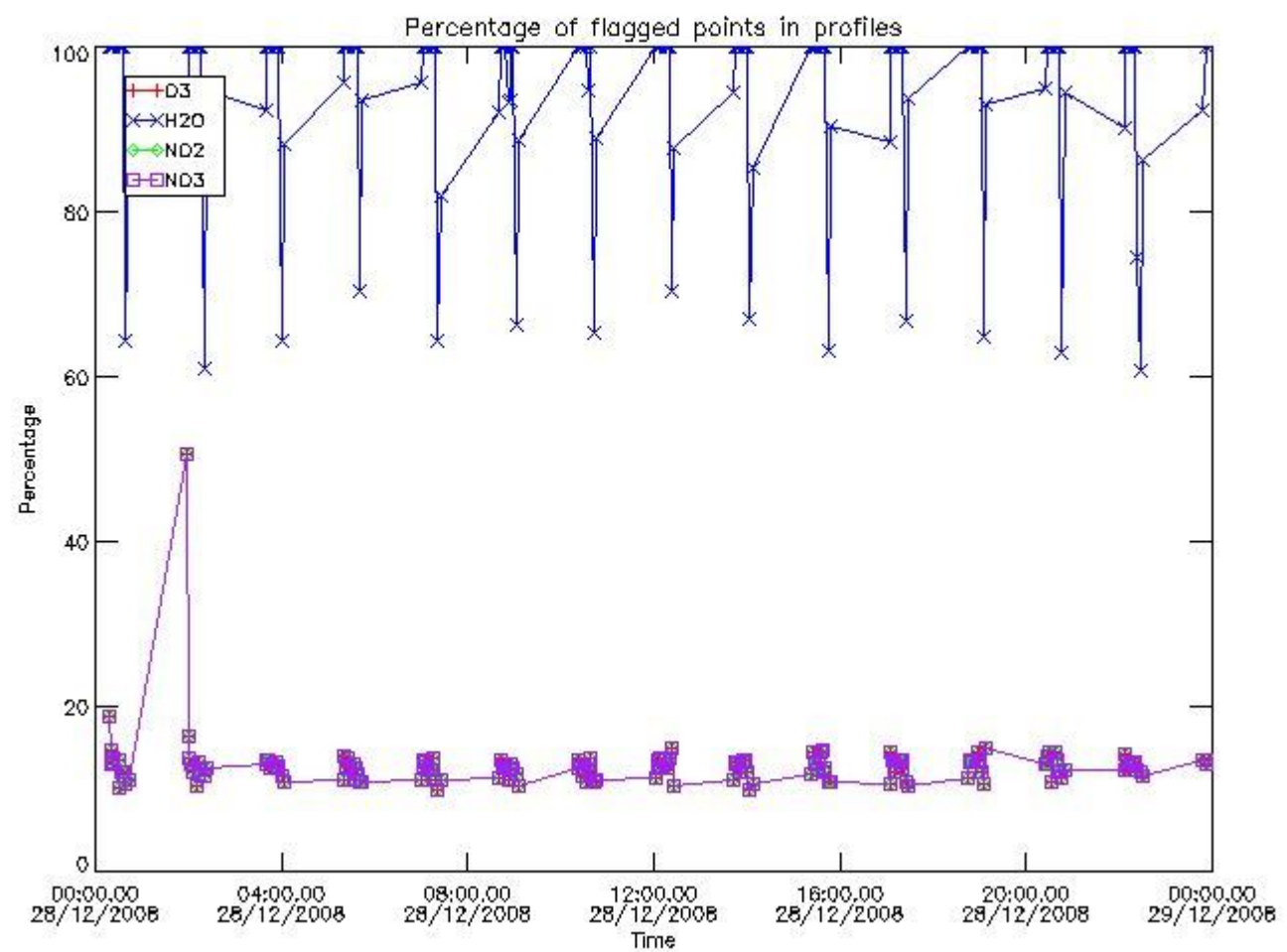
338	GOM_NL__2PRFIN20081228_190023_000000422075_00085_35710_3714.N1	28-DEC-2008 19:00:23	Dark	42.000	91	Kap Vel	2.4900	26000.	84	35710	No
339	GOM_NL__2PRFIN20081228_190148_000000422075_00085_35710_3715.N1	28-DEC-2008 19:01:48	Dark	42.000	46	Del Vel	1.9540	10600.	84	35710	No
340	GOM_NL__2PRFIN20081228_190554_000000532075_00085_35710_3716.N1	28-DEC-2008 19:05:54	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	35710	No
341	GOM_NL__2PRFIN20081228_190903_000000512075_00085_35710_3717.N1	28-DEC-2008 19:09:03	Dark	51.000	117	Pi Pup	2.7060	3800.0	102	35710	No
342	GOM_NL__2PRFIN20081228_191156_000000482075_00085_35710_3718.N1	28-DEC-2008 19:11:56	Straylight	47.500	23	21Eps CMa	1.5020	26000.	95	35710	No
343	GOM_NL__2PRFIN20081228_191331_000000452075_00085_35710_3719.N1	28-DEC-2008 19:13:31	Straylight	45.000	179	24Omi2CMa	3.0320	24000.	90	35710	No
344	GOM_NL__2PRFIN20081228_191604_000000522075_00085_35710_3720.N1	28-DEC-2008 19:16:04	Straylight	52.000	1	9Alp CMa	-1.4400	11000.	104	35710	No
345	GOM_NL__2PRFIN20081228_191912_000000482075_00085_35710_3721.N1	28-DEC-2008 19:19:12	Straylight	47.500	7	19Bet Ori	0.10000	14000.	95	35710	No
346	GOM_NL__2PRFIN20081228_192107_000000402075_00085_35710_3722.N1	28-DEC-2008 19:21:07	Straylight	40.000	30	46Eps Ori	1.6940	30000.	80	35710	No
347	GOM_NL__2PRFIN20081228_192343_000000532075_00085_35710_3723.N1	28-DEC-2008 19:23:43	Tw_i_and_stray	53.000	14	58Alp Ori	0.87000	3000.0	106	35710	No
348	GOM_NL__2PRFIN20081228_192622_000000502075_00085_35710_3724.N1	28-DEC-2008 19:26:22	Bright	50.000	13	87Alp Tau	0.86700	3800.0	100	35710	No
349	GOM_NL__2PRFIN20081228_192743_000000432075_00085_35710_3725.N1	28-DEC-2008 19:27:43	Bright	43.000	176	23Zet Tau	3.0200	22000.	86	35710	No
350	GOM_NL__2PRFIN20081228_192949_000000382075_00085_35710_3726.N1	28-DEC-2008 19:29:49	Bright	38.000	28	12Bet Tau	1.6500	15200.	76	35710	No
351	GOM_NL__2PRFIN20081228_193246_000000392075_00085_35710_3727.N1	28-DEC-2008 19:32:46	Bright	38.500	107	37The Aur	2.6490	11000.	77	35710	No
352	GOM_NL__2PRFIN20081228_193444_000000422075_00085_35710_3728.N1	28-DEC-2008 19:34:44	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	35710	No
353	GOM_NL__2PRFIN20081228_194650_000000372075_00085_35710_3729.N1	28-DEC-2008 19:46:50	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	35710	No
354	GOM_NL__2PRFIN20081228_195122_000000382075_00085_35710_3730.N1	28-DEC-2008 19:51:22	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	35710	No
355	GOM_NL__2PRFIN20081228_195507_000000372075_00085_35710_3731.N1	28-DEC-2008 19:55:07	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	35710	No
356	GOM_NL__2PRFIN20081228_200218_000000402075_00085_35710_3732.N1	28-DEC-2008 20:02:18	Bright	39.500	180	27Gam Boo	3.0400	8000.0	79	35710	No
357	GOM_NL__2PRFIN20081228_200553_000000402075_00085_35710_3733.N1	28-DEC-2008 20:05:53	Bright	39.500	83		2.3780	11000.	79	35710	No
358	GOM_NL__2PRFIN20081228_201106_000000532075_00085_35710_3734.N1	28-DEC-2008 20:11:06	Bright	53.000	102	24Alp Ser	2.6000	4250.0	106	35710	No
359	GOM_NL__2PRFIN20081228_201603_000000542075_00085_35710_3735.N1	28-DEC-2008 20:16:03	Bright	53.500	104	27Bet Lib	2.6140	13100.	107	35710	No
360	GOM_NL__2PRFIN20081228_201837_000000412075_00085_35710_3736.N1	28-DEC-2008 20:18:37	Tw_i_and_stray	40.500	122	9Alp2Lib	2.7470	9700.0	81	35710	No
361	GOM_NL__2PRFIN20081228_202525_000000402075_00085_35710_3737.N1	28-DEC-2008 20:25:25	Dark	39.500	54	5The Cen	2.0550	4500.0	79	35710	No
362	GOM_NL__2PRFIN20081228_202653_000000372075_00085_35710_3738.N1	28-DEC-2008 20:26:53	Dark	36.500	78	Alp Lup	2.3040	28000.	73	35710	No
363	GOM_NL__2PRFIN20081228_202815_000000402075_00085_35710_3739.N1	28-DEC-2008 20:28:15	Dark	39.500	95	Zet Cen	2.5450	26000.	79	35710	No
364	GOM_NL__2PRFIN20081228_203001_000000392075_00085_35710_3740.N1	28-DEC-2008 20:30:01	Dark	38.500	77	Eps Cen	2.3030	28000.	77	35710	No
365	GOM_NL__2PRFIN20081228_203136_000000472075_00086_35711_3728.N1	28-DEC-2008 20:31:36	Dark	46.500	64	Gam Cen	2.2000	10600.	93	35711	No
366	GOM_NL__2PRFIN20081228_203712_000000392075_00086_35711_3729.N1	28-DEC-2008 20:37:12	Dark	38.500	124	The Car	2.7640	30000.	77	35711	No
367	GOM_NL__2PRFIN20081228_203915_000000382075_00086_35711_3730.N1	28-DEC-2008 20:39:15	Dark	38.000	29	Bet Car	1.6720	10200.	76	35711	No
368	GOM_NL__2PRFIN20081228_204059_000000432075_00086_35711_3731.N1	28-DEC-2008 20:40:59	Dark	43.000	91	Kap Vel	2.4900	26000.	86	35711	No
369	GOM_NL__2PRFIN20081228_204225_000000422075_00086_35711_3732.N1	28-DEC-2008 20:42:25	Dark	42.000	46	Del Vel	1.9540	10600.	84	35711	No
370	GOM_NL__2PRFIN20081228_204630_000000452075_00086_35711_3733.N1	28-DEC-2008 20:46:30	Dark	45.000	2	Alp Car	-0.73600	7000.0	90	35711	No
371	GOM_NL__2PRFIN20081228_204940_000000462075_00086_35711_3734.N1	28-DEC-2008 20:49:40	Dark	45.500	117	Pi Pup	2.7060	3800.0	91	35711	No
372	GOM_NL__2PRFIN20081228_205232_000000442075_00086_35711_3735.N1	28-DEC-2008 20:52:32	Straylight	44.000	23	21Eps CMa	1.5020	26000.	88	35711	No
373	GOM_NL__2PRFIN20081228_205407_000000432075_00086_35711_3736.N1	28-DEC-2008 20:54:07	Straylight	42.500	179	24Omi2CMa	3.0320	24000.	85	35711	No
374	GOM_NL__2PRFIN20081228_205640_000000512075_00086_35711_3737.N1	28-DEC-2008 20:56:40	Straylight	50.500	1	9Alp CMa	-1.4400	11000.	101	35711	No
375	GOM_NL__2PRFIN20081228_205948_000000462075_00086_35711_3738.N1	28-DEC-2008 20:59:48	Straylight	45.500	7	19Bet Ori	0.10000	14000.	91	35711	No
376	GOM_NL__2PRFIN20081228_210143_000000432075_00086_35711_3739.N1	28-DEC-2008 21:01:43	Straylight	43.000	30	46Eps Ori	1.6940	30000.	86	35711	No
377	GOM_NL__2PRFIN20081228_210419_000000532075_00086_35711_3740.N1	28-DEC-2008 21:04:19	Tw_i_and_stray	52.500	14	58Alp Ori	0.87000	3000.0	105	35711	No
378	GOM_NL__2PRFIN20081228_210658_000000522075_00086_35711_3741.N1	28-DEC-2008 21:06:58	Bright	52.000	13	87Alp Tau	0.86700	3800.0	104	35711	No
379	GOM_NL__2PRFIN20081228_210819_000000452075_00086_35711_3742.N1	28-DEC-2008 21:08:19	Bright	44.500	176	23Zet Tau	3.0200	22000.	89	35711	No
380	GOM_NL__2PRFIN20081228_211024_000000392075_00086_35711_3743.N1	28-DEC-2008 21:10:24	Bright	39.000	28	12Bet Tau	1.6500	15200.	78	35711	No
381	GOM_NL__2PRFIN20081228_211322_000000402075_00086_35711_3744.N1	28-DEC-2008 21:13:22	Bright	40.000	107	37The Aur	2.6490	11000.	80	35711	No
382	GOM_NL__2PRFIN20081228_211520_000000402075_00086_35711_3745.N1	28-DEC-2008 21:15:20	Bright	39.500	6	13Alp Aur	0.080000	3400.0	79	35711	No
383	GOM_NL__2PRFIN20081228_212726_000000362075_00086_35711_3746.N1	28-DEC-2008 21:27:26	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	35711	No
384	GOM_NL__2PRFIN20081228_213158_000000382075_00086_35711_3747.N1	28-DEC-2008 21:31:58	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	35711	No
385	GOM_NL__2PRFIN20081228_213543_000000372075_00086_35711_3748.N1	28-DEC-2008 21:35:43	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	35711	No
386	GOM_NL__2PRFIN20081228_214254_000000512075_00086_35711_3749.N1	28-DEC-2008 21:42:54	Bright	51.000	180	27Gam Boo	3.0400	8000.0	102	35711	No
387	GOM_NL__2PRFIN20081228_214629_000000602075_00086_35711_3750.N1	28-DEC-2008 21:46:29	Bright	60.000	83		2.3780	11000.	120	35711	No
388	GOM_NL__2PRFIN20081228_215142_000000532075_00086_35711_3751.N1	28-DEC-2008 21:51:42	Bright	53.000	102	24Alp Ser	2.6000	4250.0	106	35711	No
389	GOM_NL__2PRFIN20081228_215640_000000522075_00086_35711_3752.N1	28-DEC-2008 21:56:40	Bright	52.000	104	27Bet Lib	2.6140	13100.	104	35711	No
390	GOM_NL__2PRFIN20081228_215913_000000412075_00086_35711_3753.N1	28-DEC-2008 21:59:13	Tw_i_and_stray	41.000	122	9Alp2Lib	2.7470	9700.0	82	35711	No
391	GOM_NL__2PRFIN20081228_220602_000000462075_00086_35711_3754.N1	28-DEC-2008 22:06:02	Dark	46.000	54	5The Cen	2.0550	4500.0	92	35711	No
392	GOM_NL__2PRFIN20081228_220729_000000362075_00086_35711_3755.N1	28-DEC-2008 22:07:29	Dark	36.000	78	Alp Lup	2.3040	28000.	72	35711	No
393	GOM_NL__2PRFIN20081228_220851_000000402075_00086_35711_3756.N1	28-DEC-2008 22:08:51	Dark	40.000	95	Zet Cen	2.5450	26000.	80	35711	No
394	GOM_NL__2PRFIN20081228_221038_000000392075_00086_35711_3757.N1	28-DEC-2008 22:10:38	Dark	38.500	77	Eps Cen	2.3030	28000.	77	35711	No
395	GOM_NL__2PRFIN20081228_221213_000000422075_00087_35712_3743.N1	28-DEC-2008 22:12:13	Dark	41.500	64	Gam Cen	2.2000	10600.	83	35712	No
396	GOM_NL__2PRFIN20081228_221748_000000392075_00087_35712_3744.N1	28-DEC-2008 22:17:48	Dark	38.500	124	The Car	2.7640	30000.	77	35712	No

397	GOM_NL__2PRFIN20081228_221951_000000392075_00087_35712_3745.N1	28-DEC-2008 22:19:51	Dark	38.500	29	Bet Car	1.6720	10200.	77	35712	No
398	GOM_NL__2PRFIN20081228_222107_000000402075_00087_35712_3746.N1	28-DEC-2008 22:21:07	Dark	39.500	71	lot Car	2.2460	7700.0	79	35712	No
399	GOM_NL__2PRFIN20081228_222246_000000422075_00087_35712_3747.N1	28-DEC-2008 22:22:46	Dark	41.500	41	Eps Car	1.8600	4100.0	83	35712	No
400	GOM_NL__2PRFIN20081228_222707_000000432075_00087_35712_3748.N1	28-DEC-2008 22:27:07	Dark	42.500	2	Alp Car	-0.73600	7000.0	85	35712	No
401	GOM_NL__2PRFIN20081228_223016_000000482075_00087_35712_3749.N1	28-DEC-2008 22:30:16	Dark	48.000	117	Pi Pup	2.7060	3800.0	96	35712	No
402	GOM_NL__2PRFIN20081228_223308_000000452075_00087_35712_3750.N1	28-DEC-2008 22:33:08	Straylight	44.500	23	21Eps CMa	1.5020	26000.	89	35712	No
403	GOM_NL__2PRFIN20081228_223443_000000422075_00087_35712_3751.N1	28-DEC-2008 22:34:43	Straylight	42.000	179	24Omi2CMa	3.0320	24000.	84	35712	No
404	GOM_NL__2PRFIN20081228_223716_000000482075_00087_35712_3752.N1	28-DEC-2008 22:37:16	Straylight	48.000	1	9Alp CMa	-1.4400	11000.	96	35712	No
405	GOM_NL__2PRFIN20081228_224024_000000442075_00087_35712_3753.N1	28-DEC-2008 22:40:24	Straylight	43.500	7	19Bet Ori	0.10000	14000.	87	35712	No
406	GOM_NL__2PRFIN20081228_224218_000000432075_00087_35712_3754.N1	28-DEC-2008 22:42:18	Straylight	42.500	30	46Eps Ori	1.6940	30000.	85	35712	No
407	GOM_NL__2PRFIN20081228_224455_000000562075_00087_35712_3755.N1	28-DEC-2008 22:44:55	Tw_i_and_stray	56.000	14	58Alp Ori	0.87000	3000.0	112	35712	No
408	GOM_NL__2PRFIN20081228_224734_000000502075_00087_35712_3756.N1	28-DEC-2008 22:47:34	Bright	50.000	13	87Alp Tau	0.86700	3800.0	100	35712	No
409	GOM_NL__2PRFIN20081228_224855_000000432075_00087_35712_3757.N1	28-DEC-2008 22:48:55	Bright	43.000	176	23Zet Tau	3.0200	22000.	86	35712	No
410	GOM_NL__2PRFIN20081228_225100_000000392075_00087_35712_3758.N1	28-DEC-2008 22:51:00	Bright	39.000	28	12Bet Tau	1.6500	15200.	78	35712	No
411	GOM_NL__2PRFIN20081228_225358_000000382075_00087_35712_3759.N1	28-DEC-2008 22:53:58	Bright	37.500	107	37The Aur	2.6490	11000.	75	35712	No
412	GOM_NL__2PRFIN20081228_225556_000000412075_00087_35712_3760.N1	28-DEC-2008 22:55:56	Bright	40.500	6	13Alp Aur	0.080000	3400.0	81	35712	No
413	GOM_NL__2PRFIN20081228_230802_000000352075_00087_35712_3761.N1	28-DEC-2008 23:08:02	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	35712	No
414	GOM_NL__2PRFIN20081228_231233_000000342075_00087_35712_3762.N1	28-DEC-2008 23:12:33	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	35712	No
415	GOM_NL__2PRFIN20081228_231618_000000372075_00087_35712_3763.N1	28-DEC-2008 23:16:18	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	35712	No
416	GOM_NL__2PRFIN20081228_232330_000000602075_00087_35712_3764.N1	28-DEC-2008 23:23:30	Bright	60.000	180	27Gam Boo	3.0400	8000.0	120	35712	No
417	GOM_NL__2PRFIN20081228_232705_000000602075_00087_35712_3765.N1	28-DEC-2008 23:27:05	Bright	60.000	83		2.3780	11000.	120	35712	No
418	GOM_NL__2PRFIN20081228_233218_000000352075_00087_35712_3766.N1	28-DEC-2008 23:32:18	Bright	34.500	102	24Alp Ser	2.6000	4250.0	69	35712	No
419	GOM_NL__2PRFIN20081228_233716_000000462075_00087_35712_3767.N1	28-DEC-2008 23:37:16	Bright	45.500	104	27Bet Lib	2.6140	13100.	91	35712	No
420	GOM_NL__2PRFIN20081228_233950_000000422075_00087_35712_3768.N1	28-DEC-2008 23:39:50	Tw_i_and_stray	42.000	122	9Alp2Lib	2.7470	9700.0	84	35712	No
421	GOM_NL__2PRFIN20081228_234638_000000462075_00087_35712_3769.N1	28-DEC-2008 23:46:38	Dark	45.500	54	5The Cen	2.0550	4500.0	91	35712	No
422	GOM_NL__2PRFIN20081228_235114_000000392075_00087_35712_3770.N1	28-DEC-2008 23:51:14	Dark	39.000	77	Eps Cen	2.3030	28000.	78	35712	No
423	GOM_NL__2PRFIN20081228_235825_000000382075_00088_35713_3762.N1	28-DEC-2008 23:58:25	Dark	37.500	124	The Car	2.7640	30000.	75	35713	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.

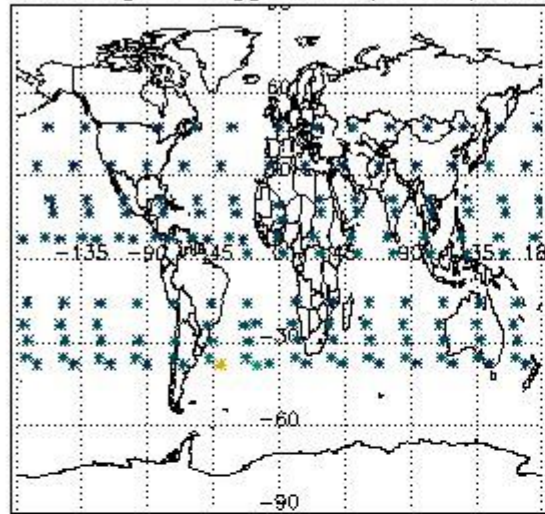
#### 3.1 Plot quality information per product (time dependant)



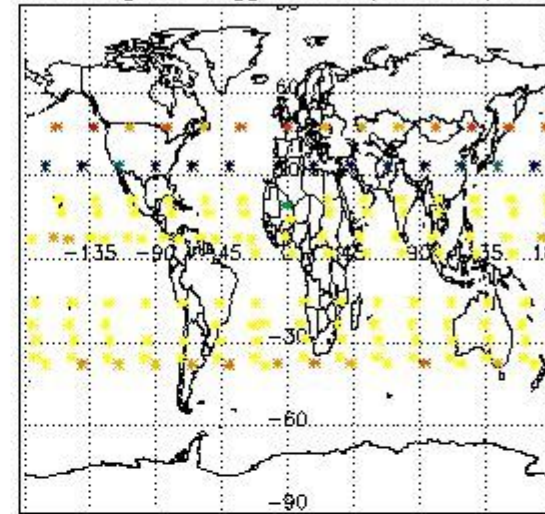
3.2 Plot quality information per product (world map)



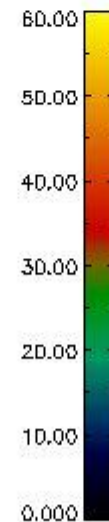
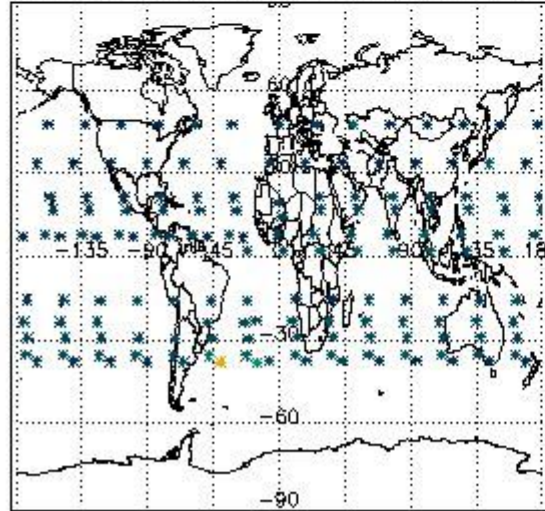
Percentage of flagged data per O3 profile



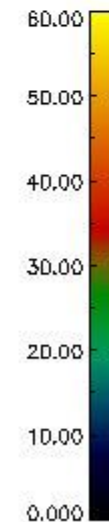
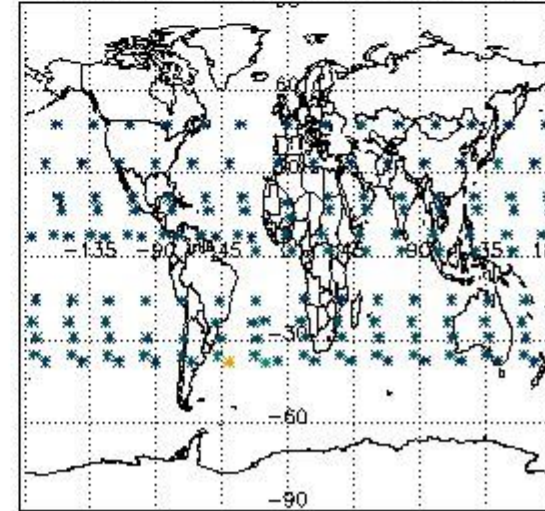
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



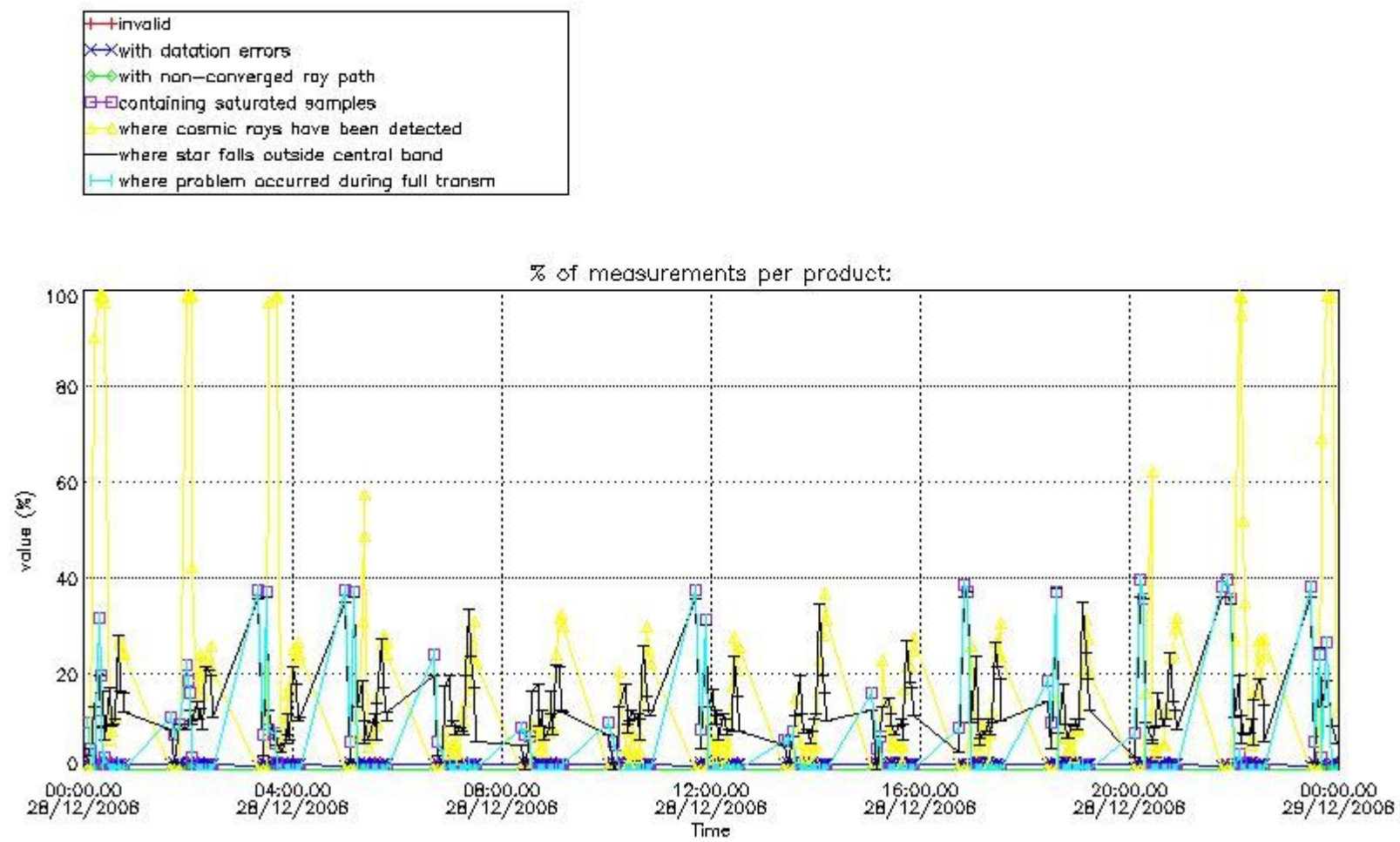
#### 4. Level 1 quality information per product

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.

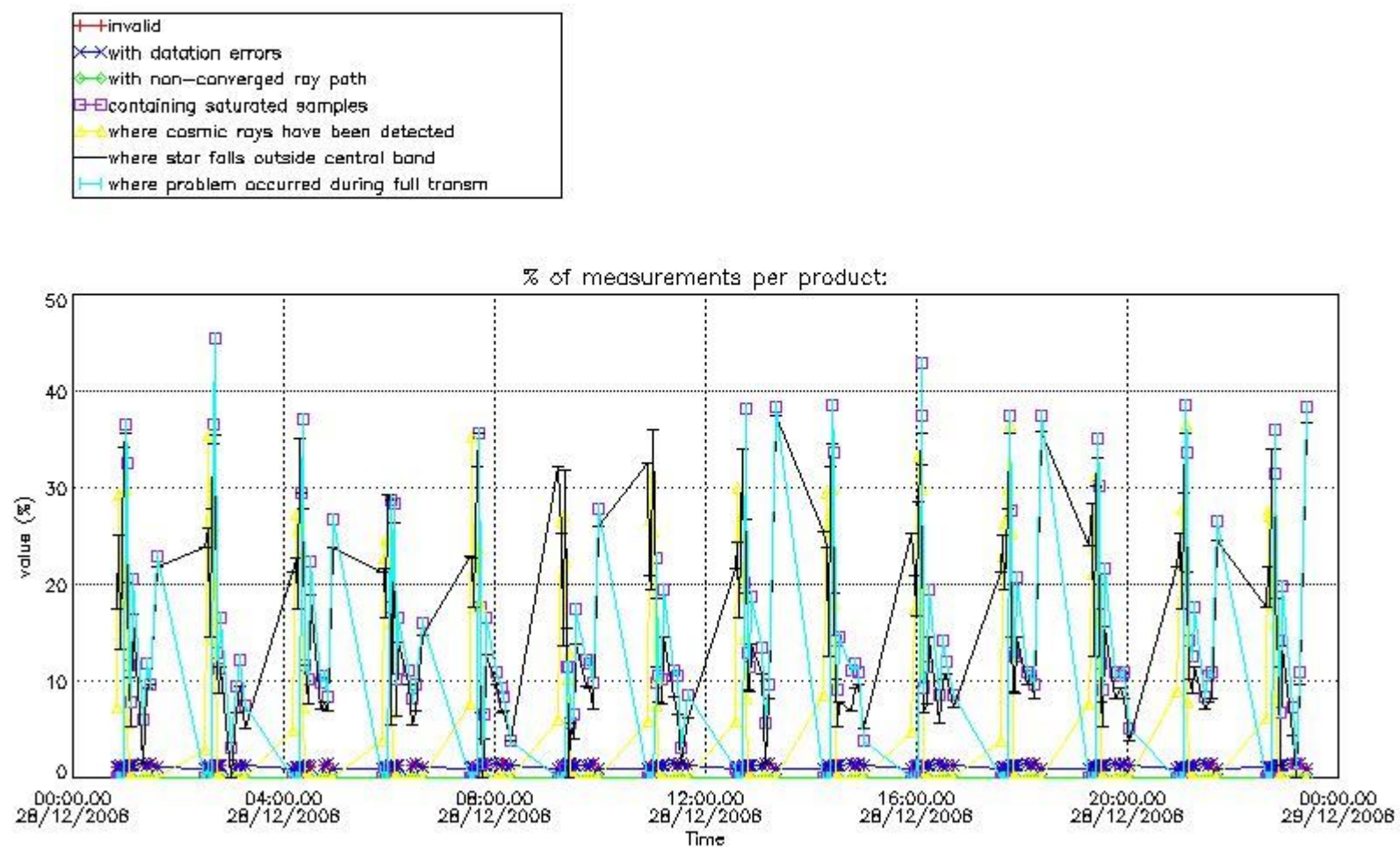
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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





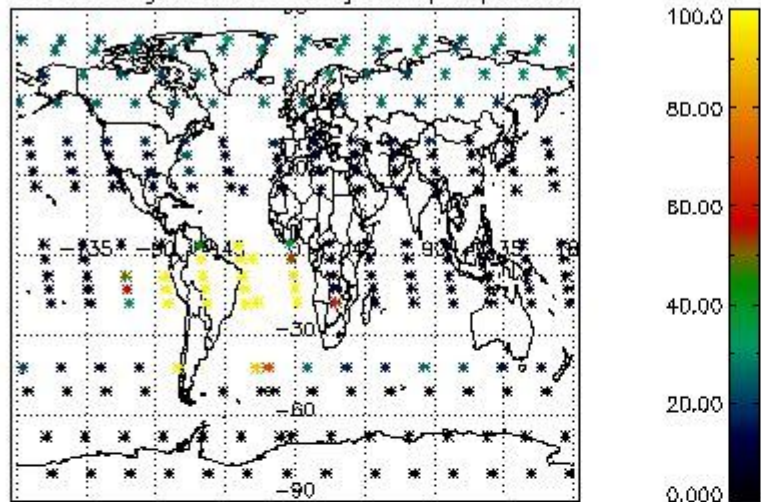
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



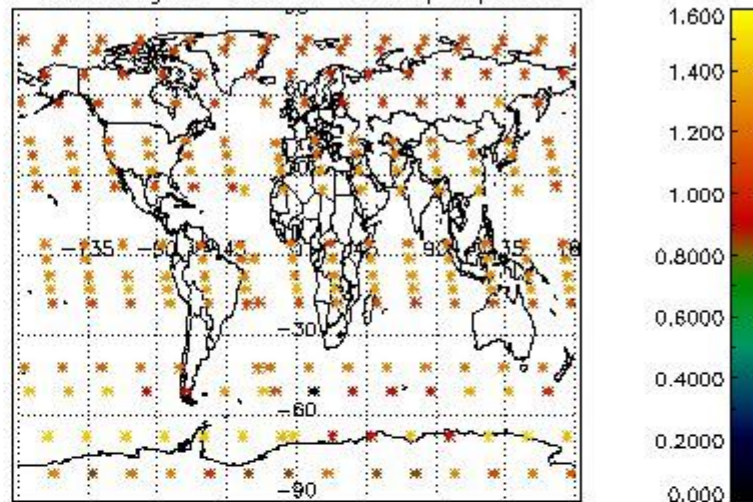
4.2 Plot quality information per product coming from level 1b processing (world map)  
 4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes



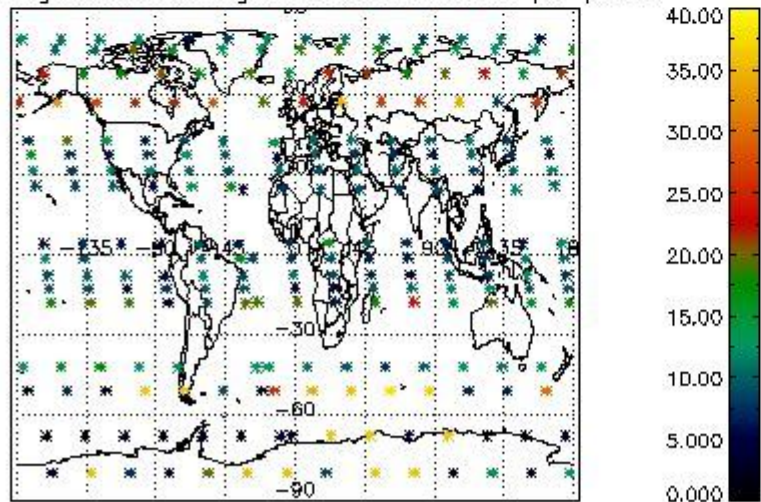
Percentage of cosmic ray hits per profile



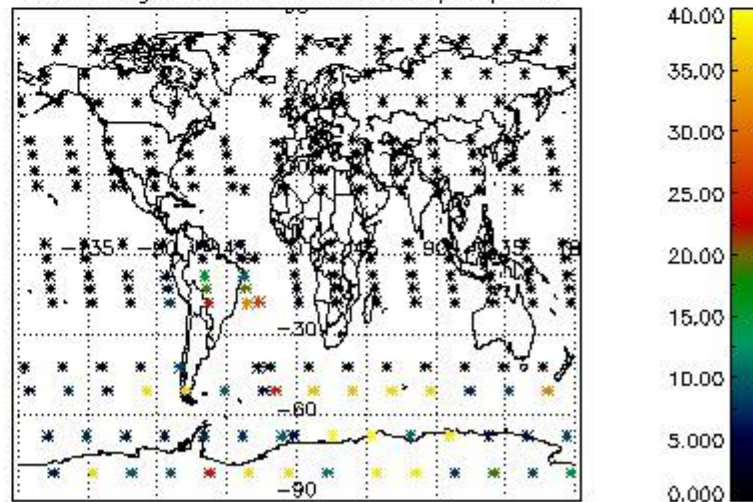
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

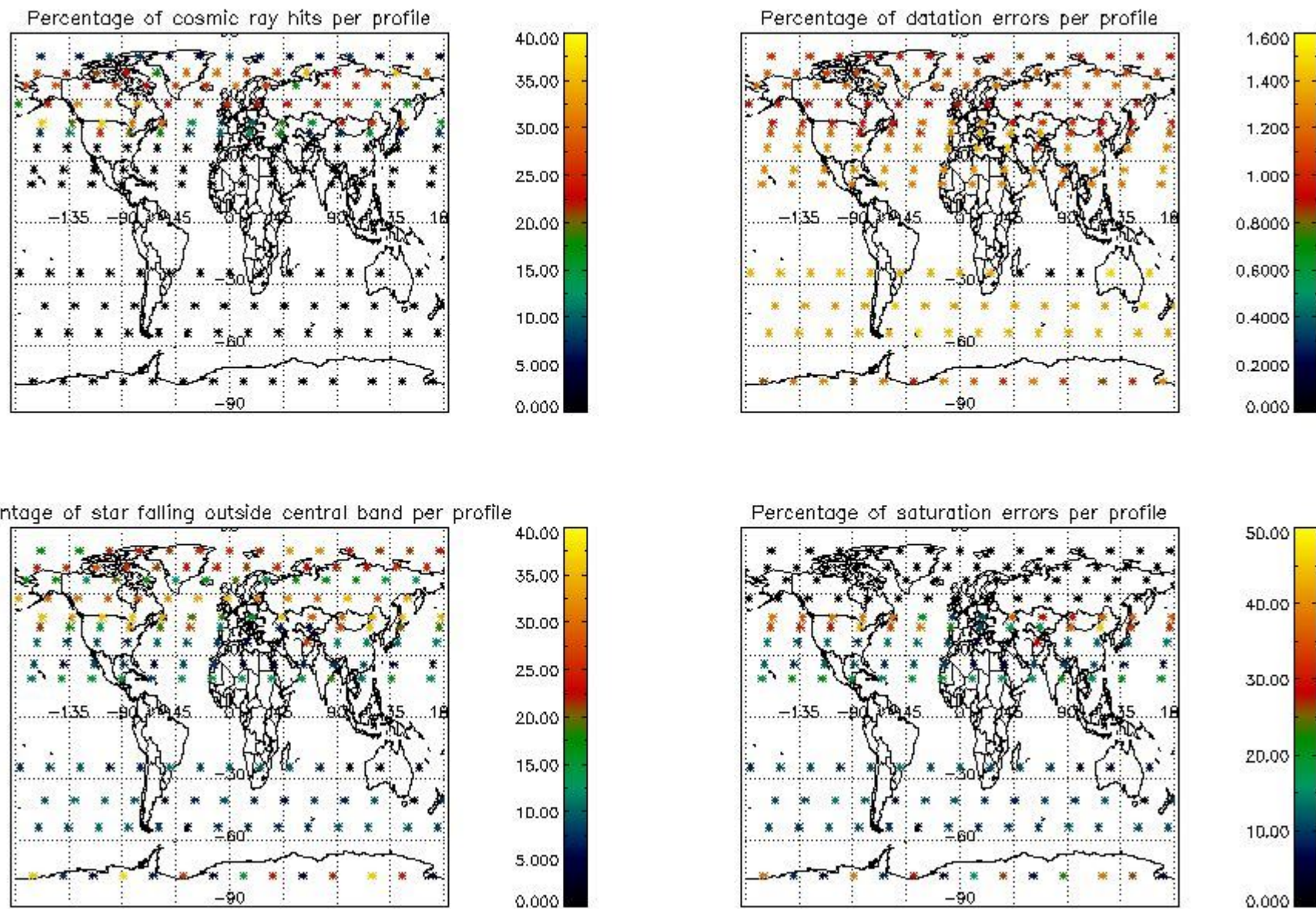


Percentage of saturation errors per profile



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

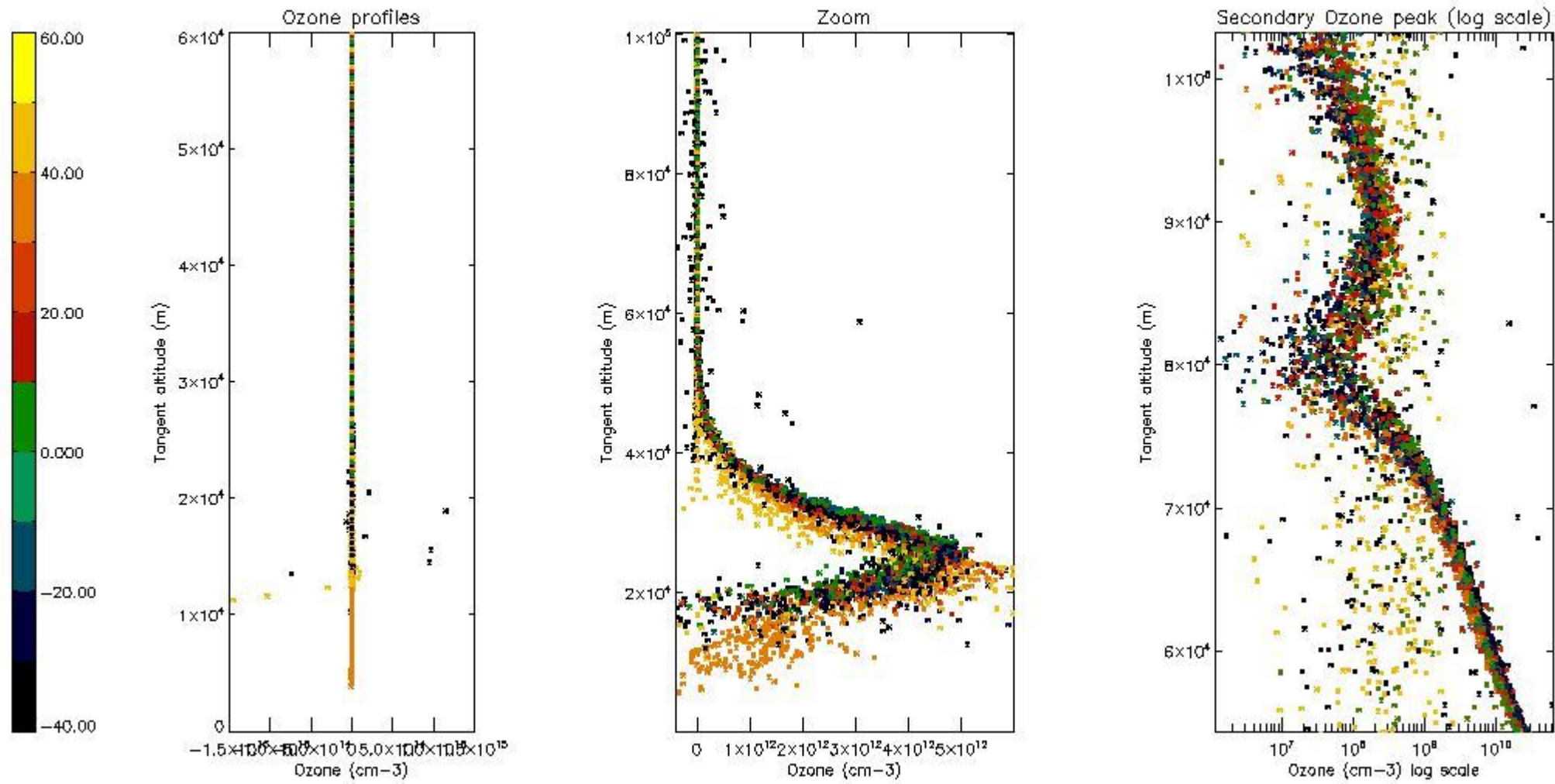
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	37
STD < 20	19

STD < 10	15
STD < 5	10

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

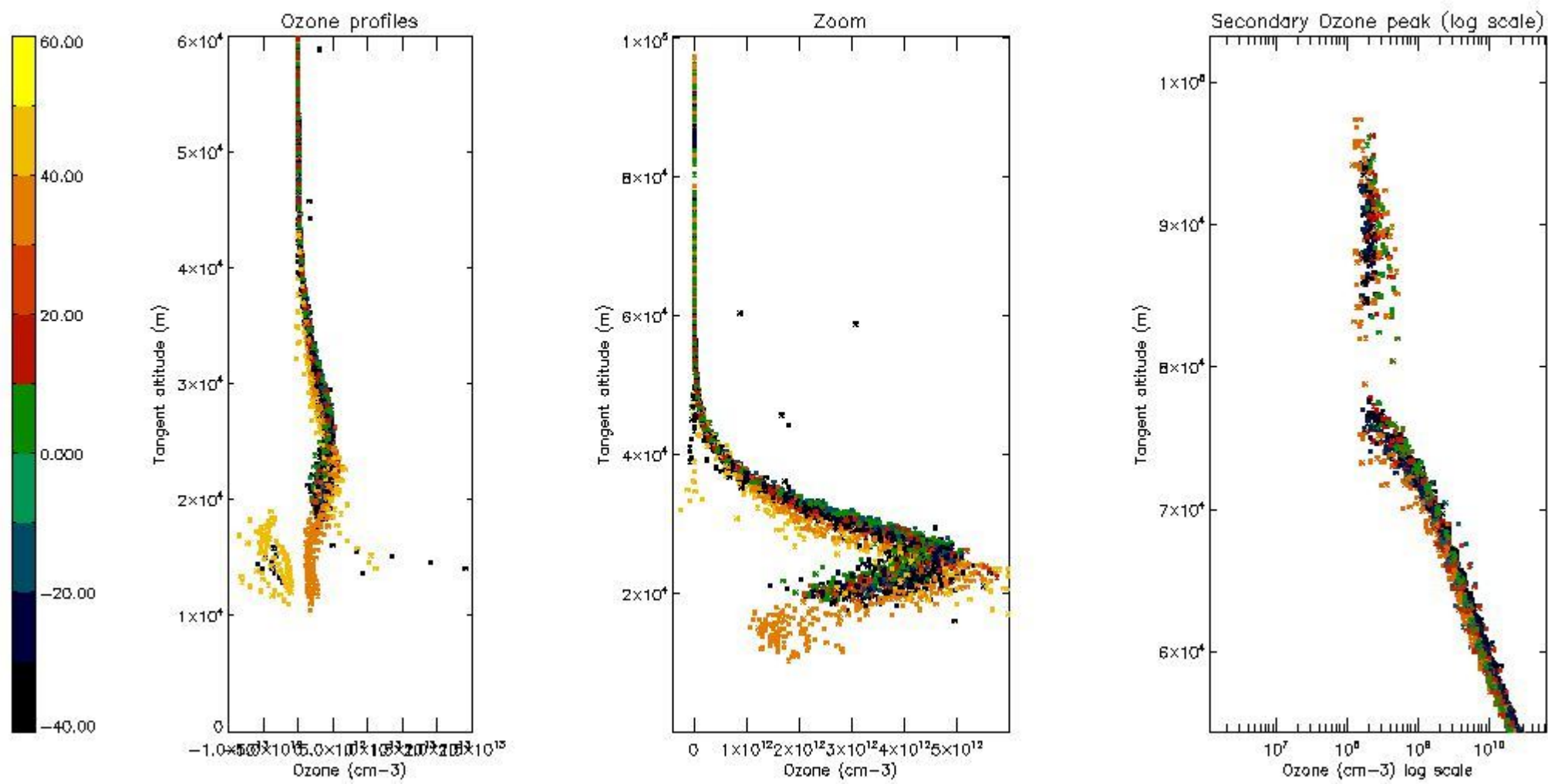
The colorbar represents the latitude.



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

The colorbar represents the latitude.

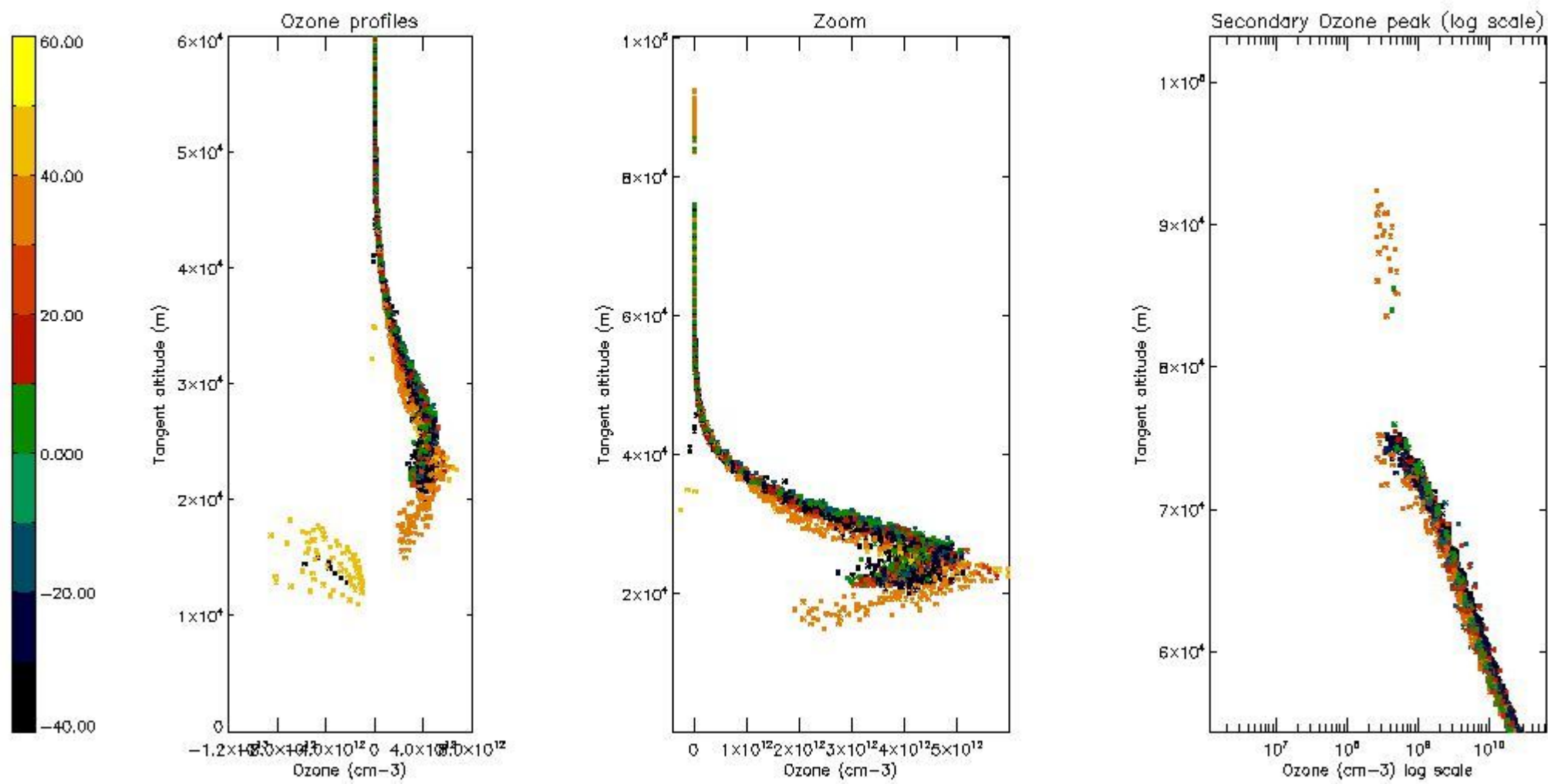




*5.4 Plot ozone profiles where  $STD < 10\%$  (dark without errors)*

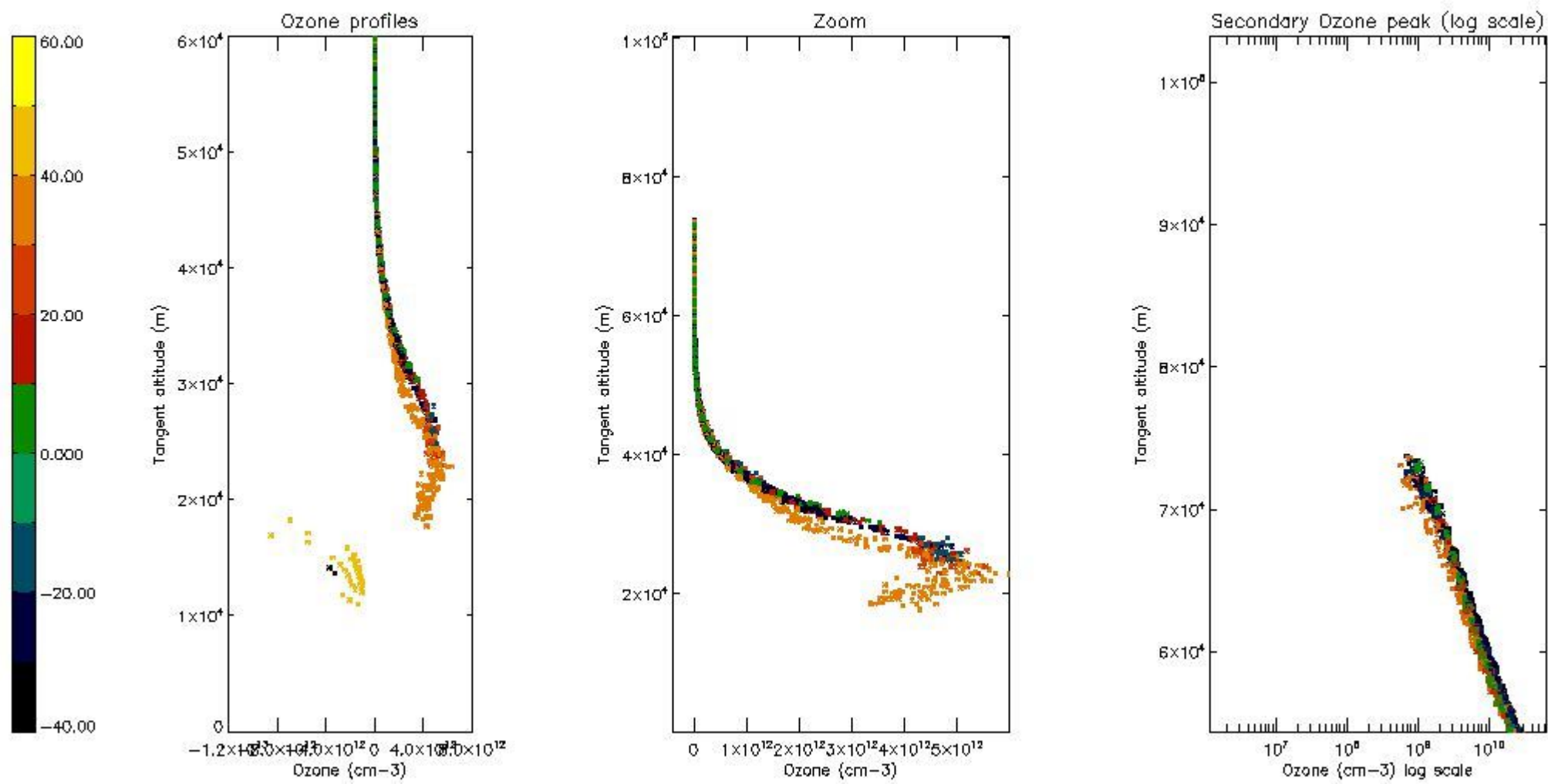
The colorbar represents the latitude.





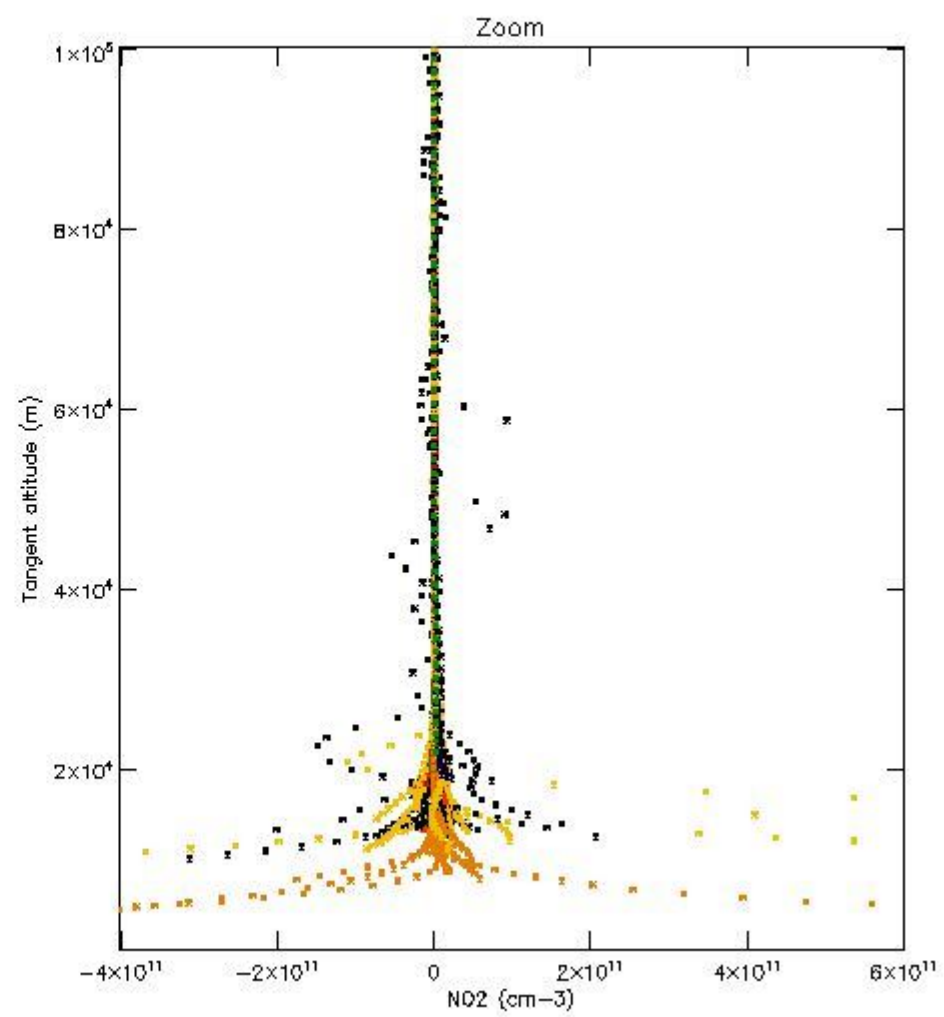
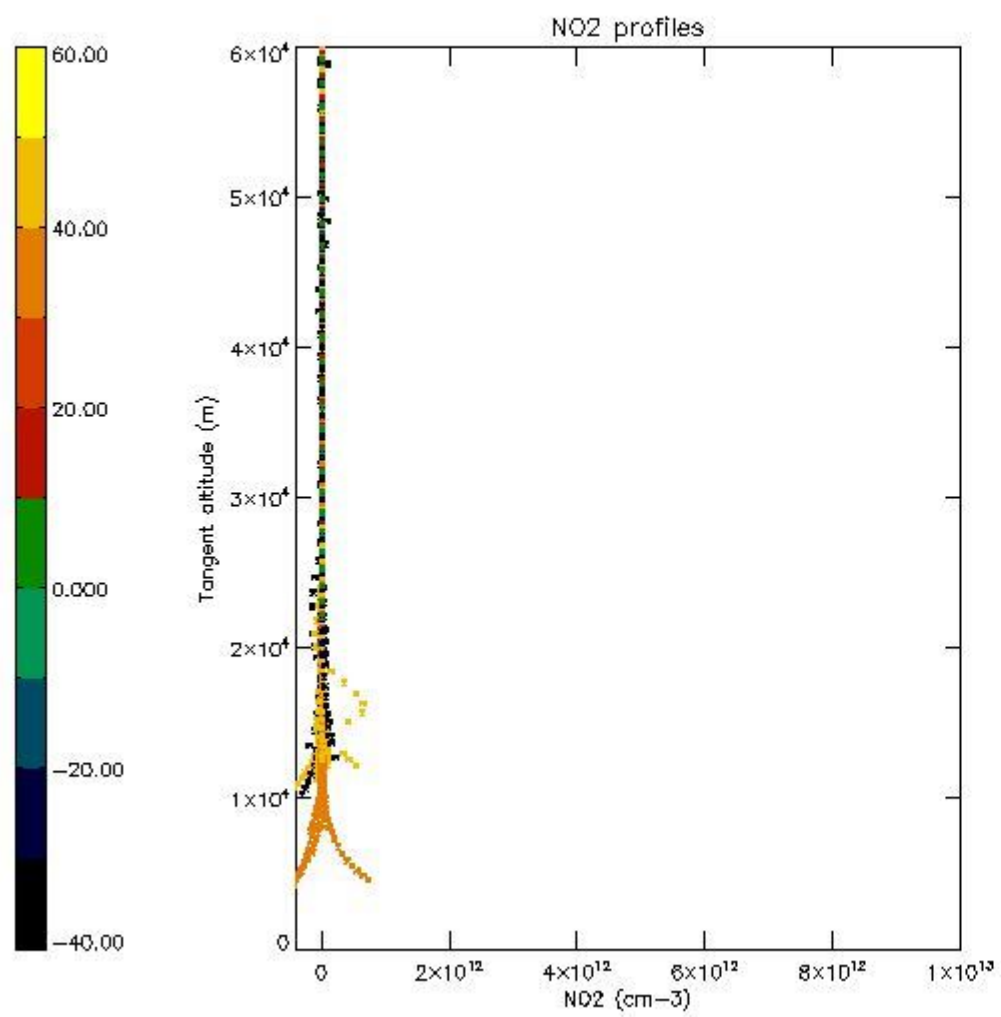
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



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

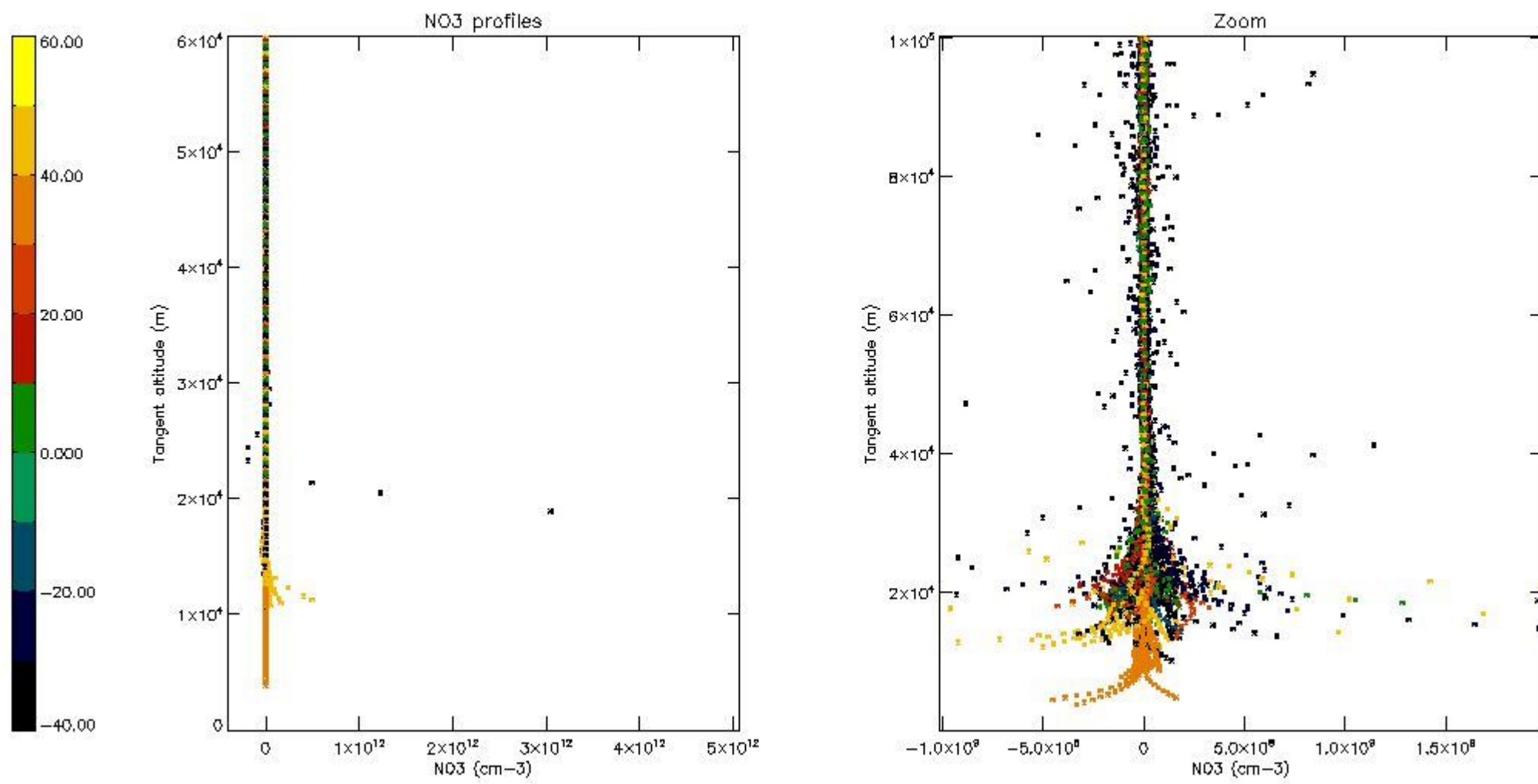
The colorbar represents the latitude.



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

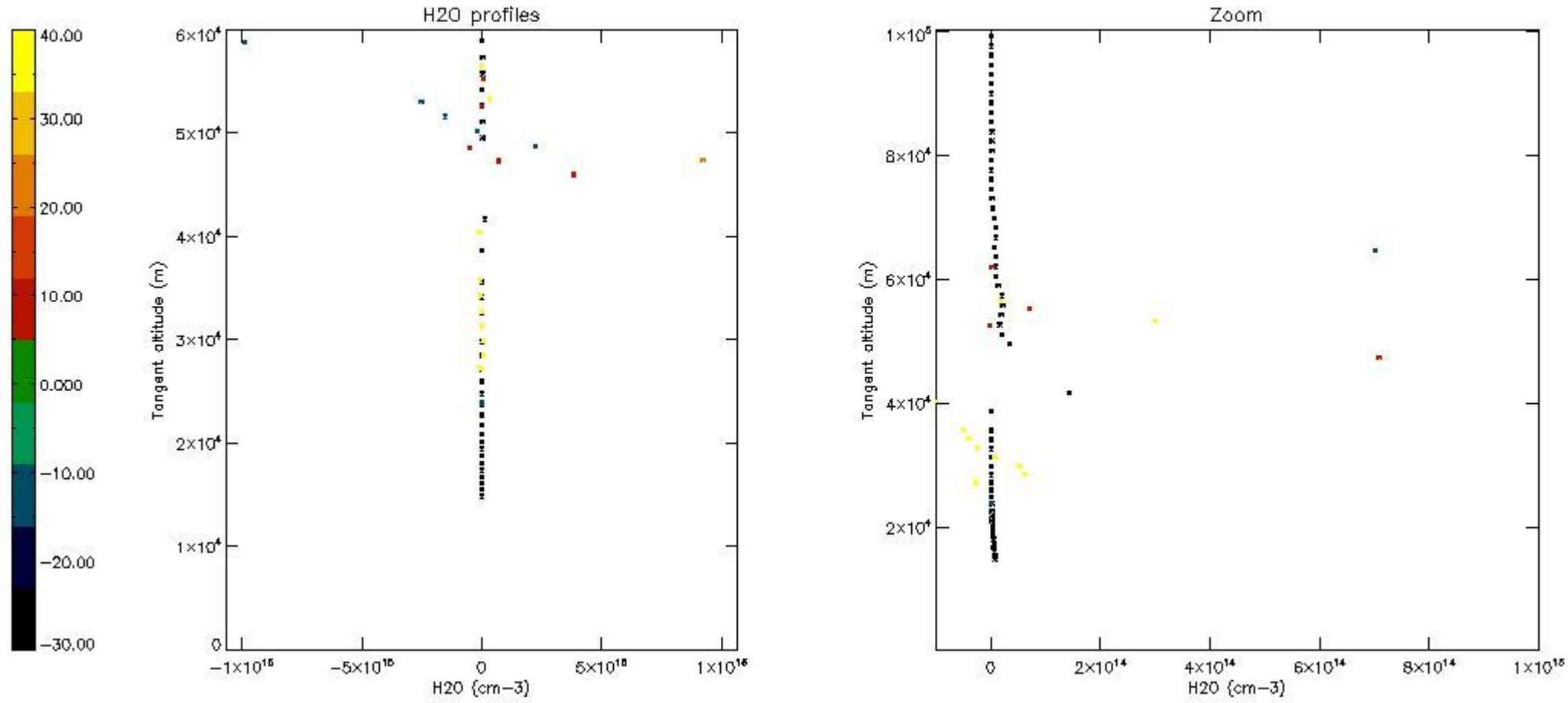
The colorbar represents the latitude.





*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)*

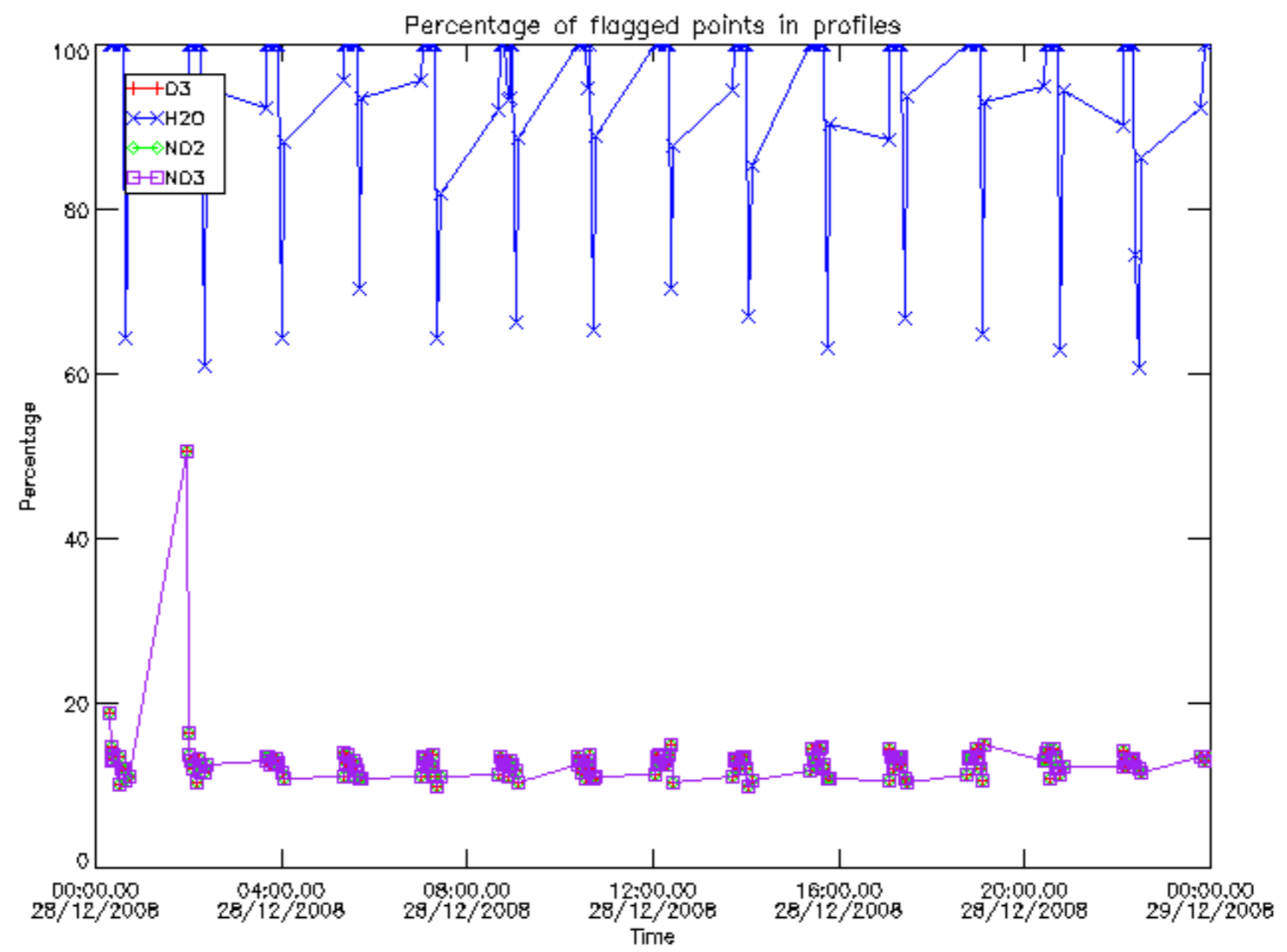
The colorbar represents the latitude.



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

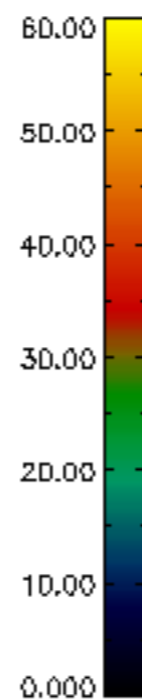
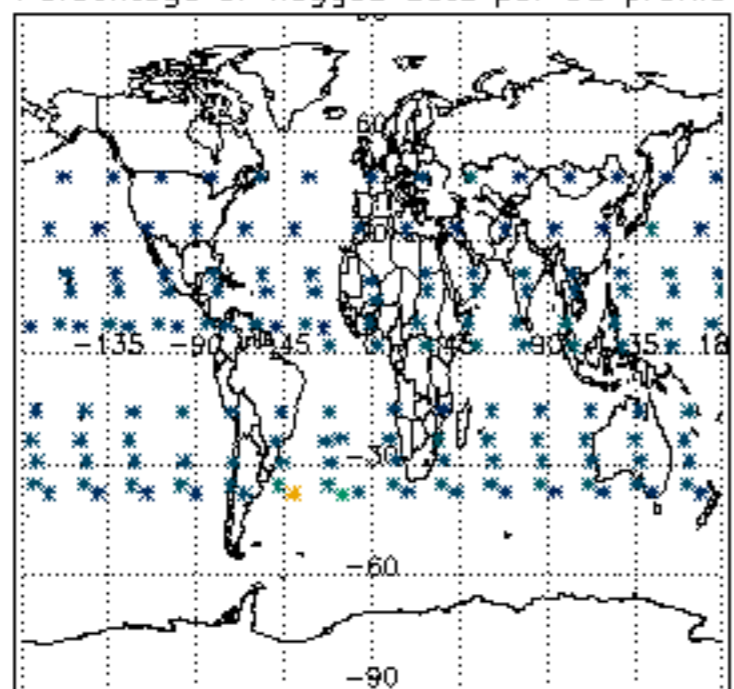
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	28-DEC-2008 00:03:51
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	28-DEC-2008 00:03:51
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	28-DEC-2008 00:03:51

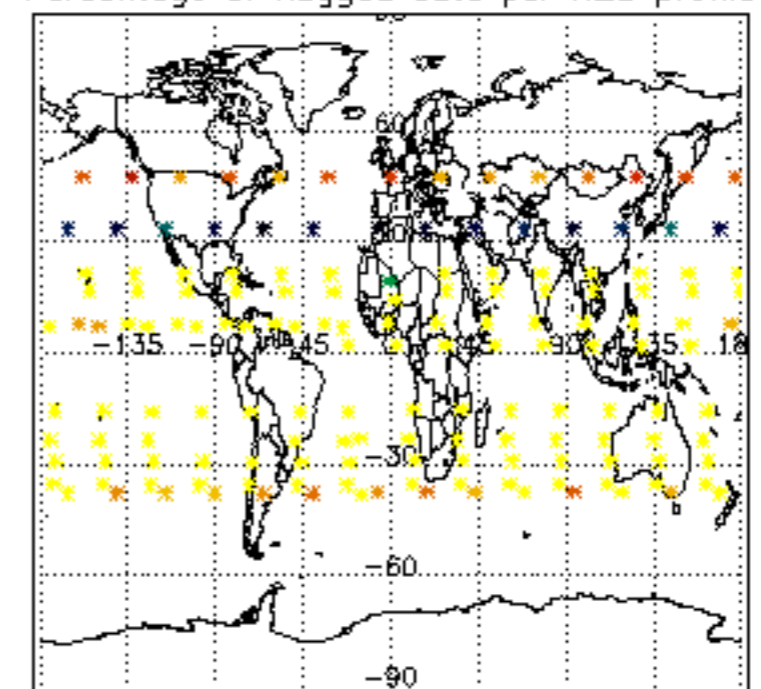




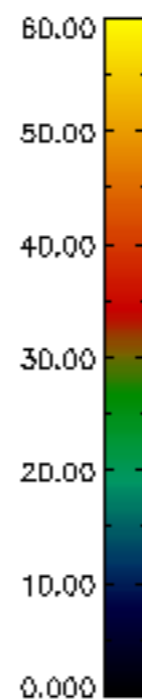
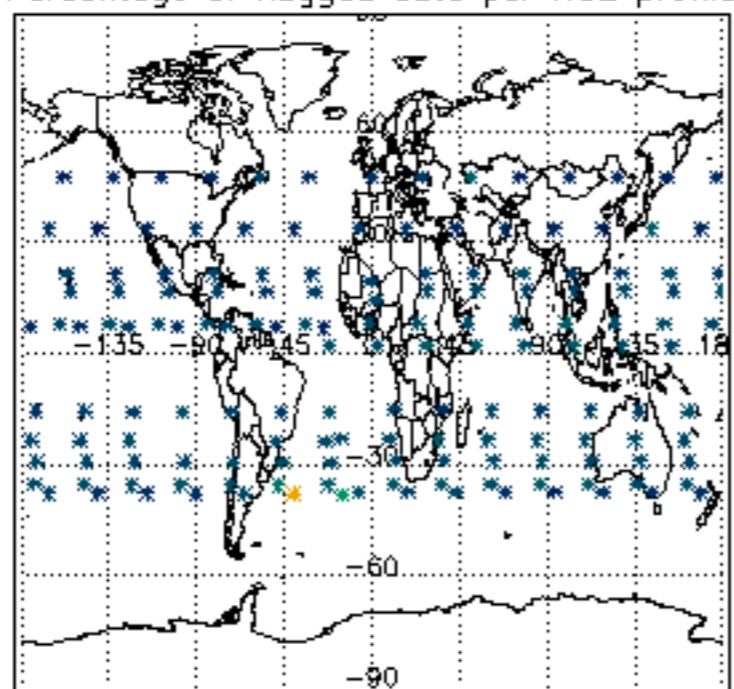
Percentage of flagged data per D3 profile



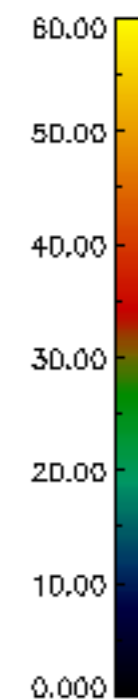
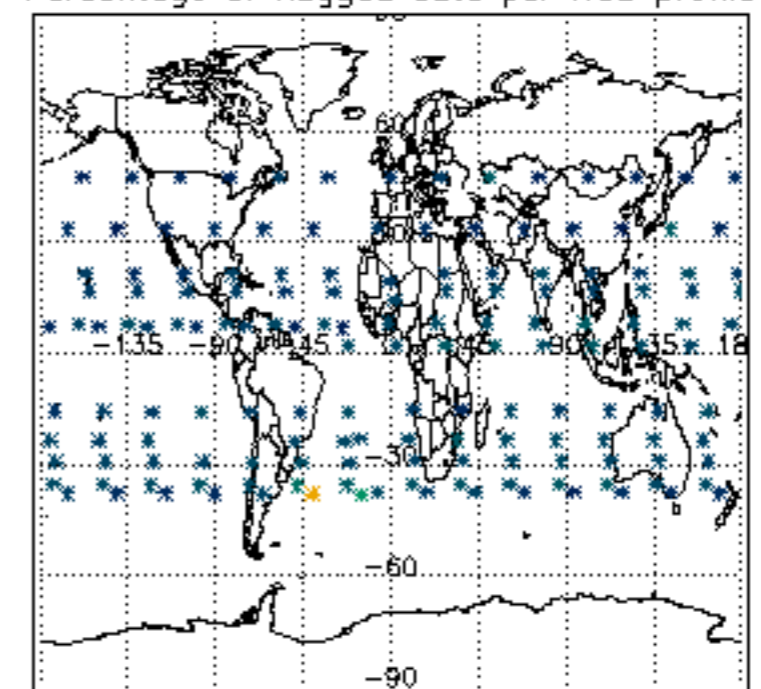
Percentage of flagged data per H2O profile

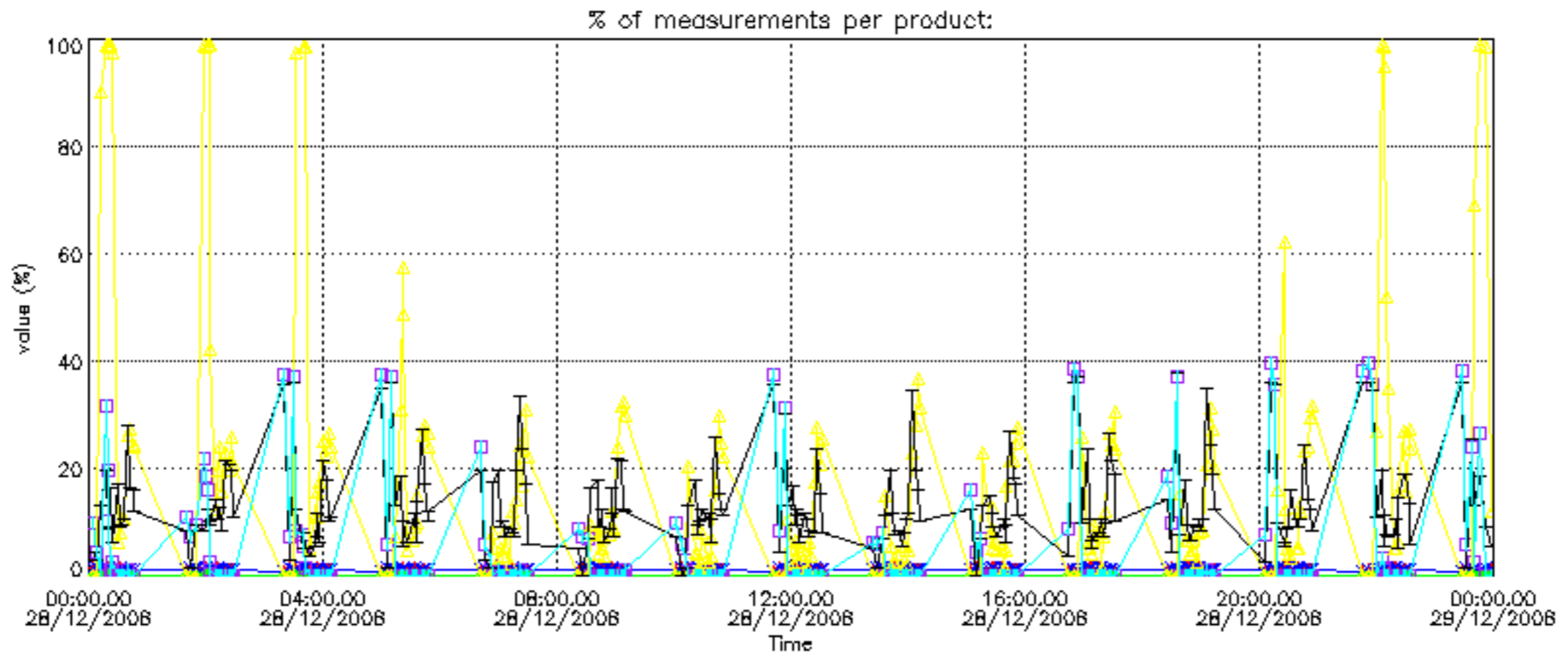


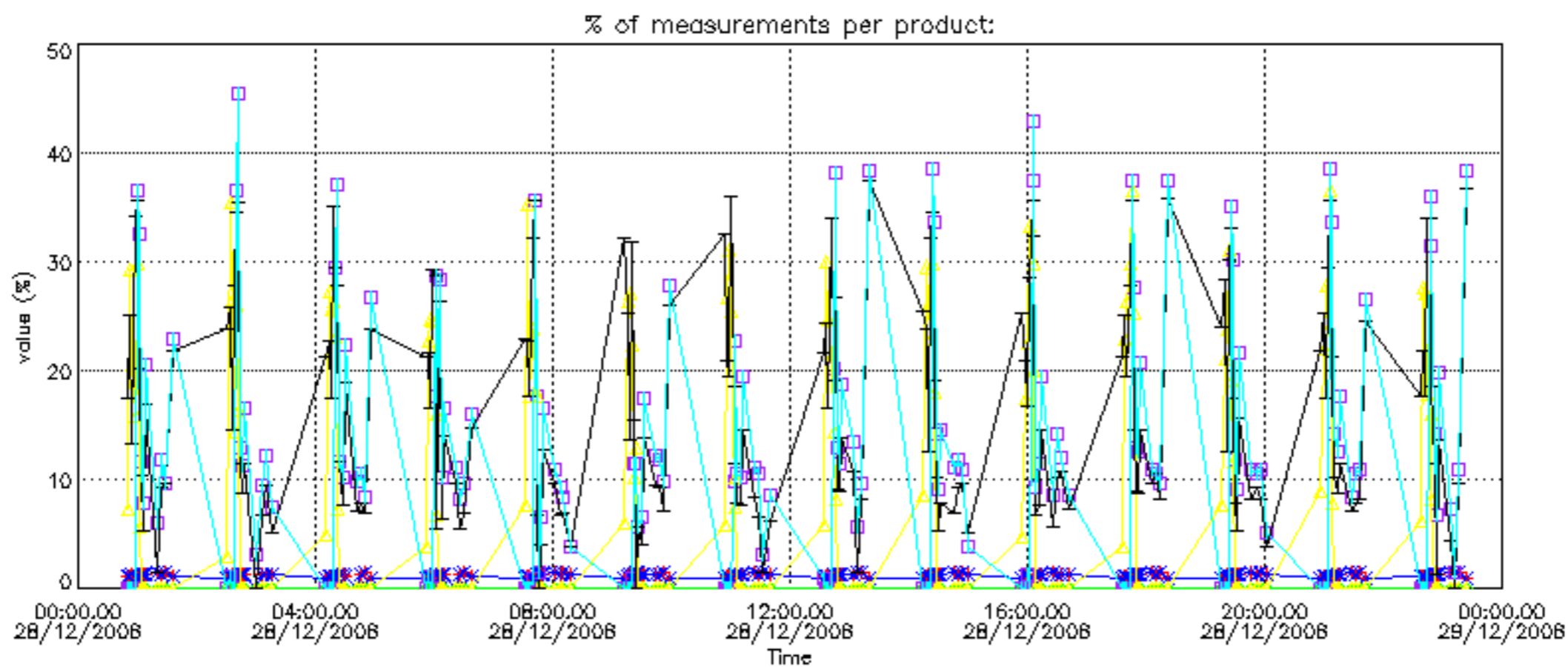
Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

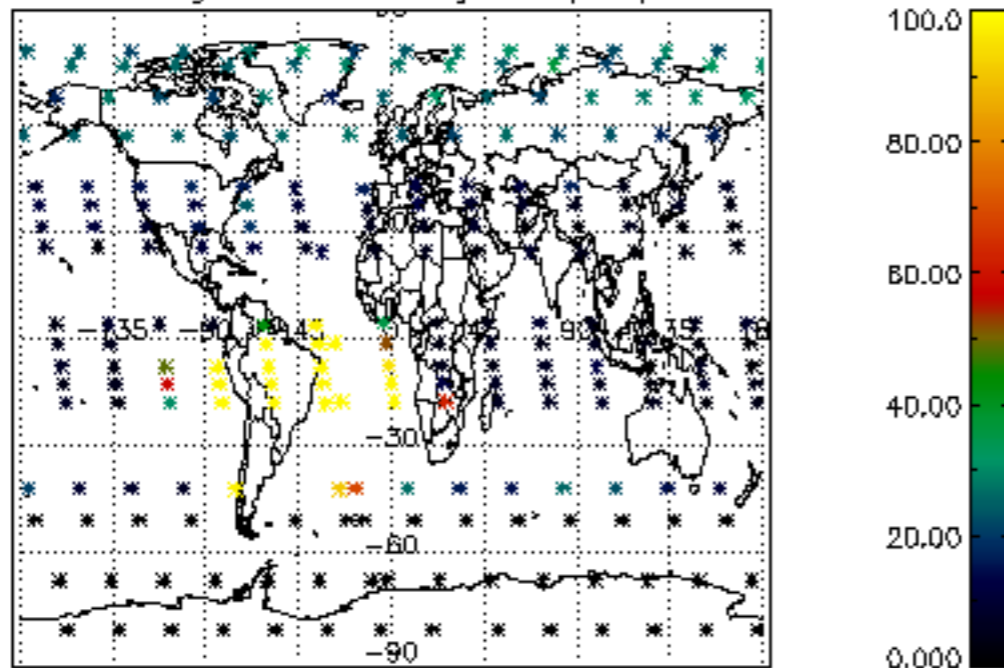




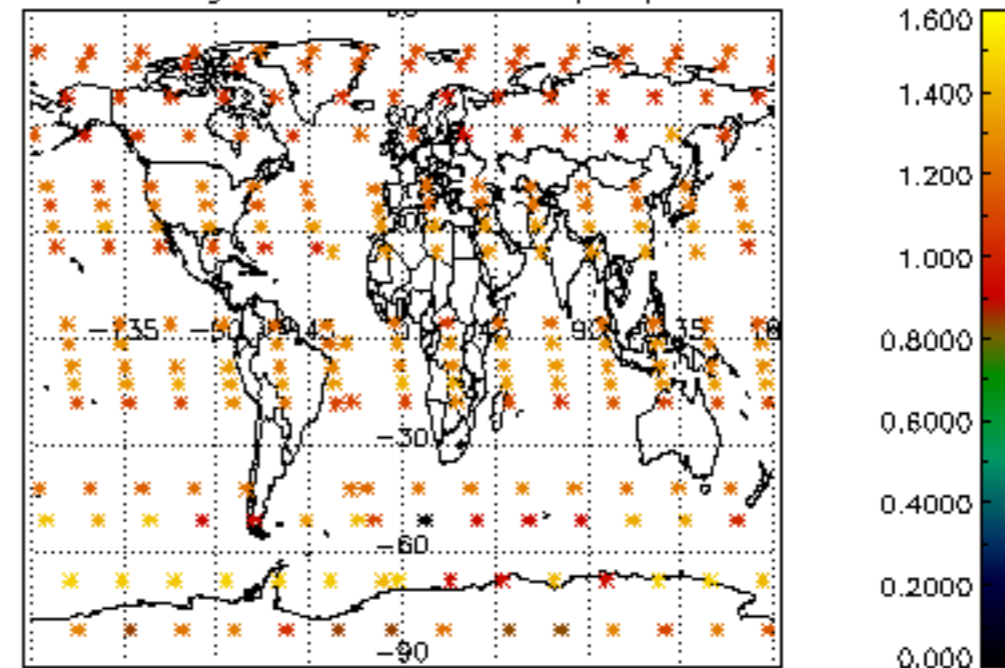




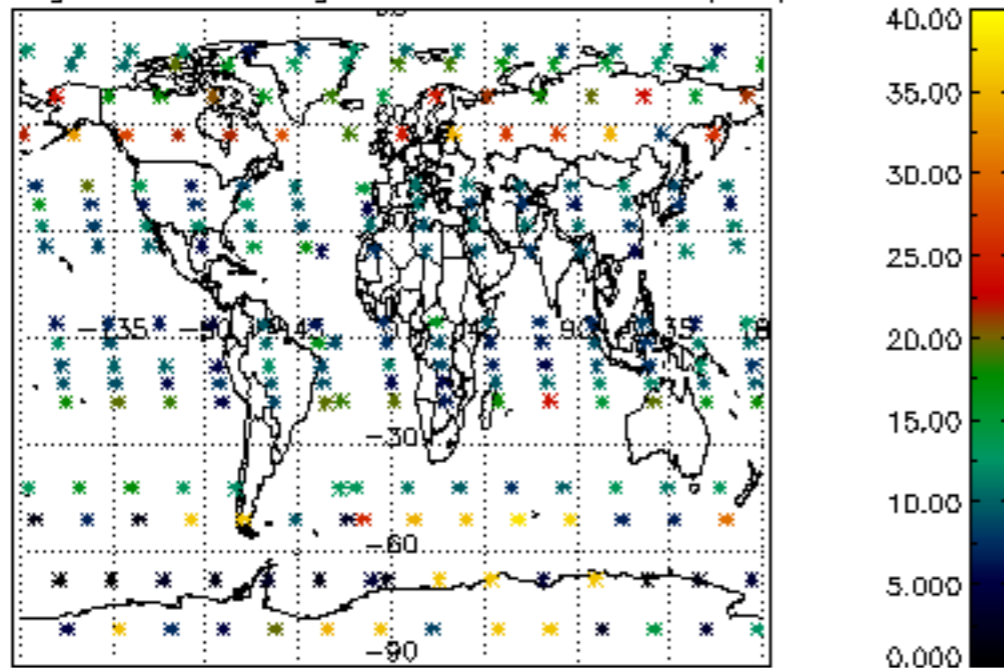
Percentage of cosmic ray hits per profile



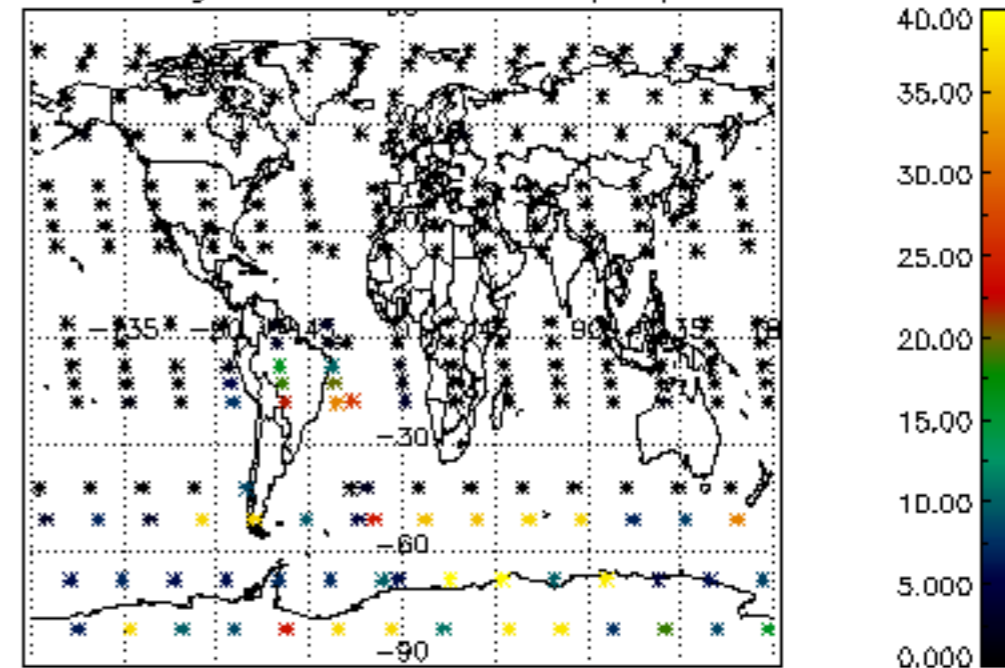
Percentage of datation errors per profile



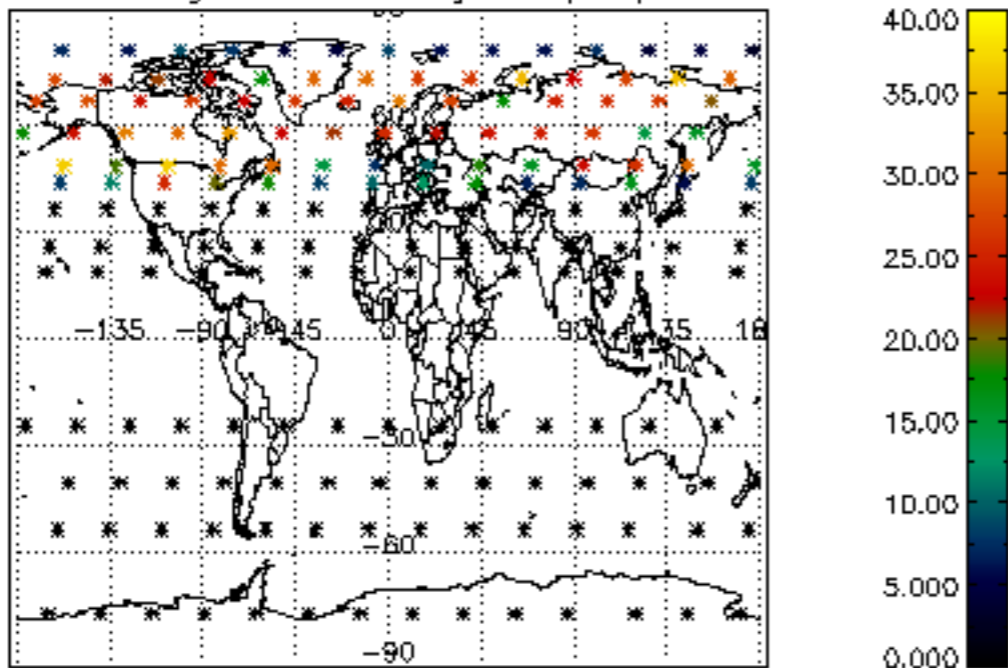
Percentage of star falling outside central band per profile



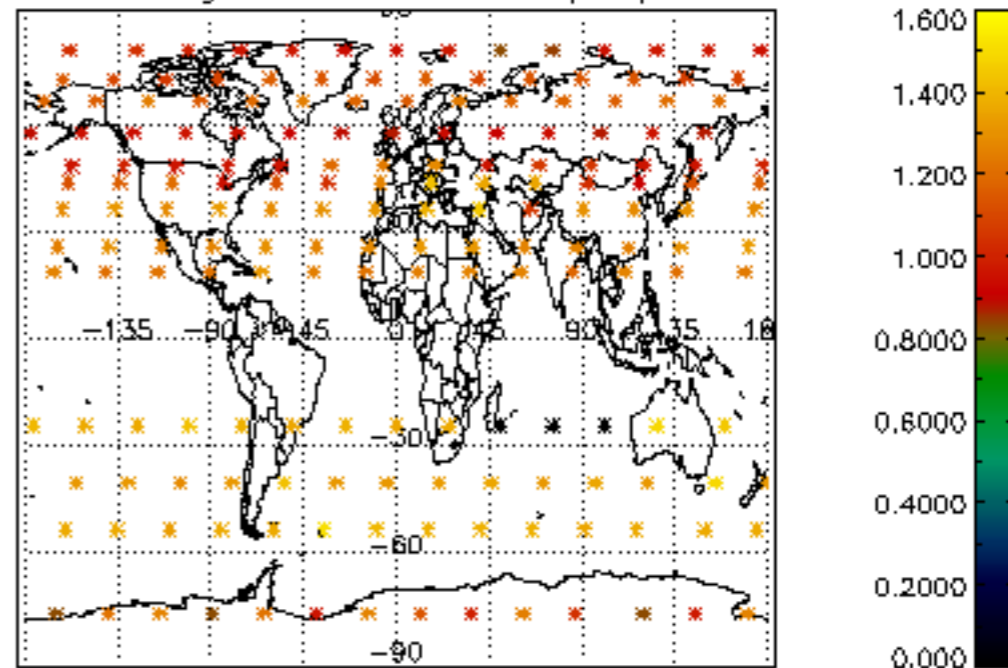
Percentage of saturation errors per profile



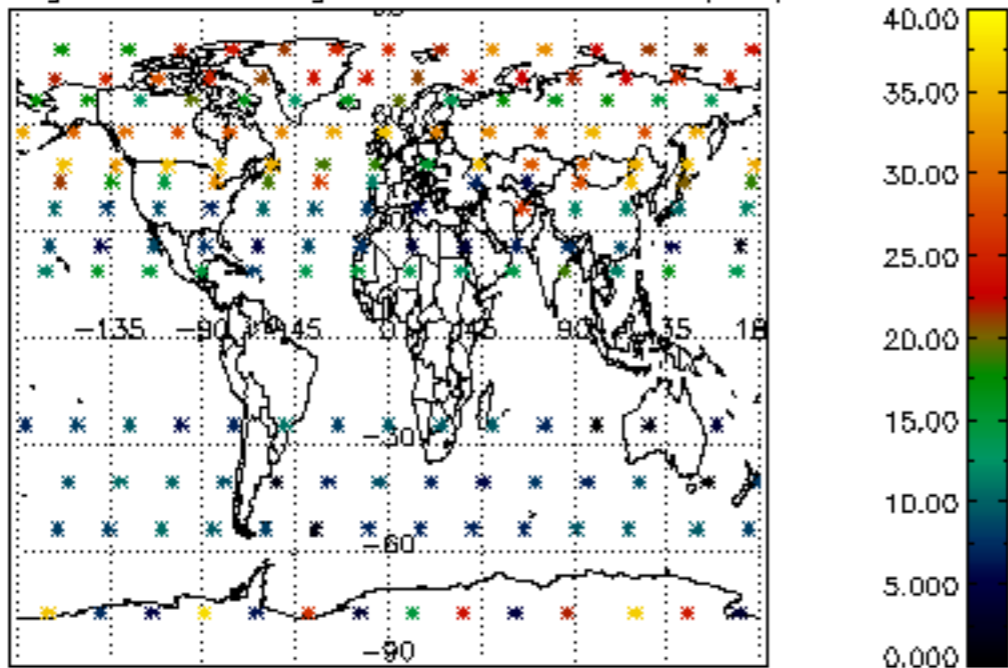
Percentage of cosmic ray hits per profile



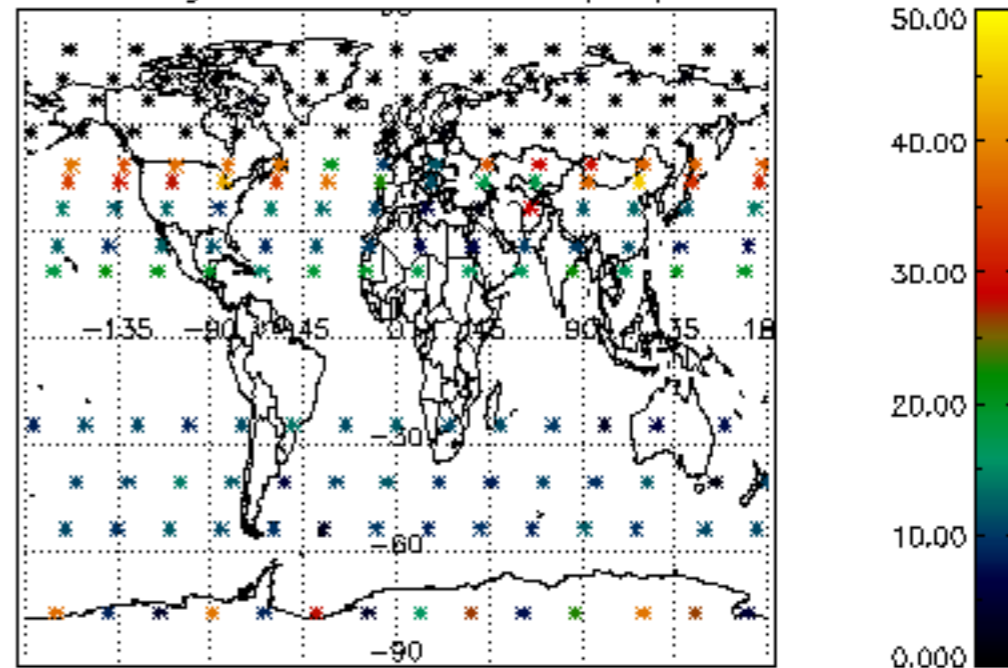
Percentage of datation errors per profile

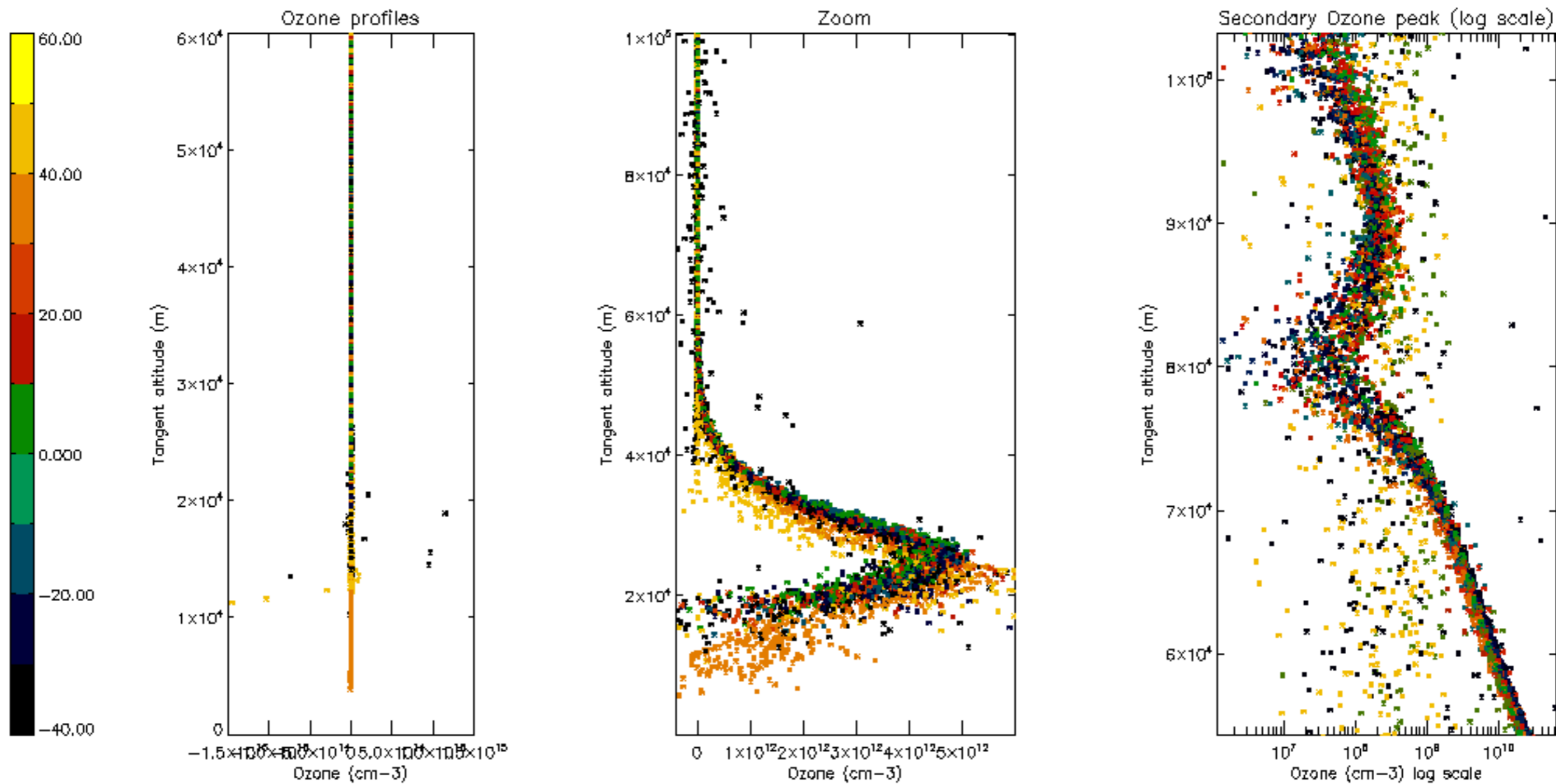


Percentage of star falling outside central band per profile

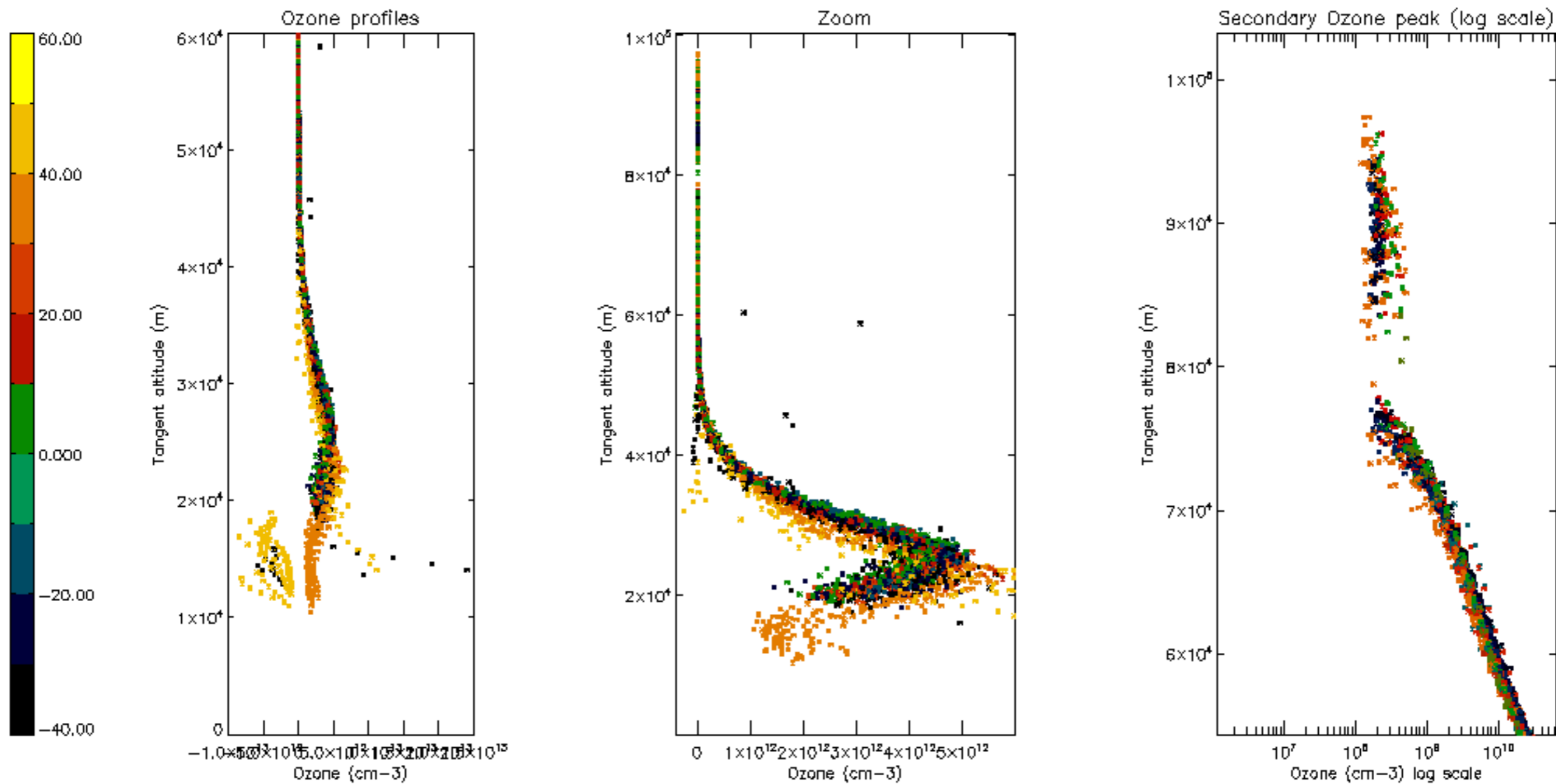


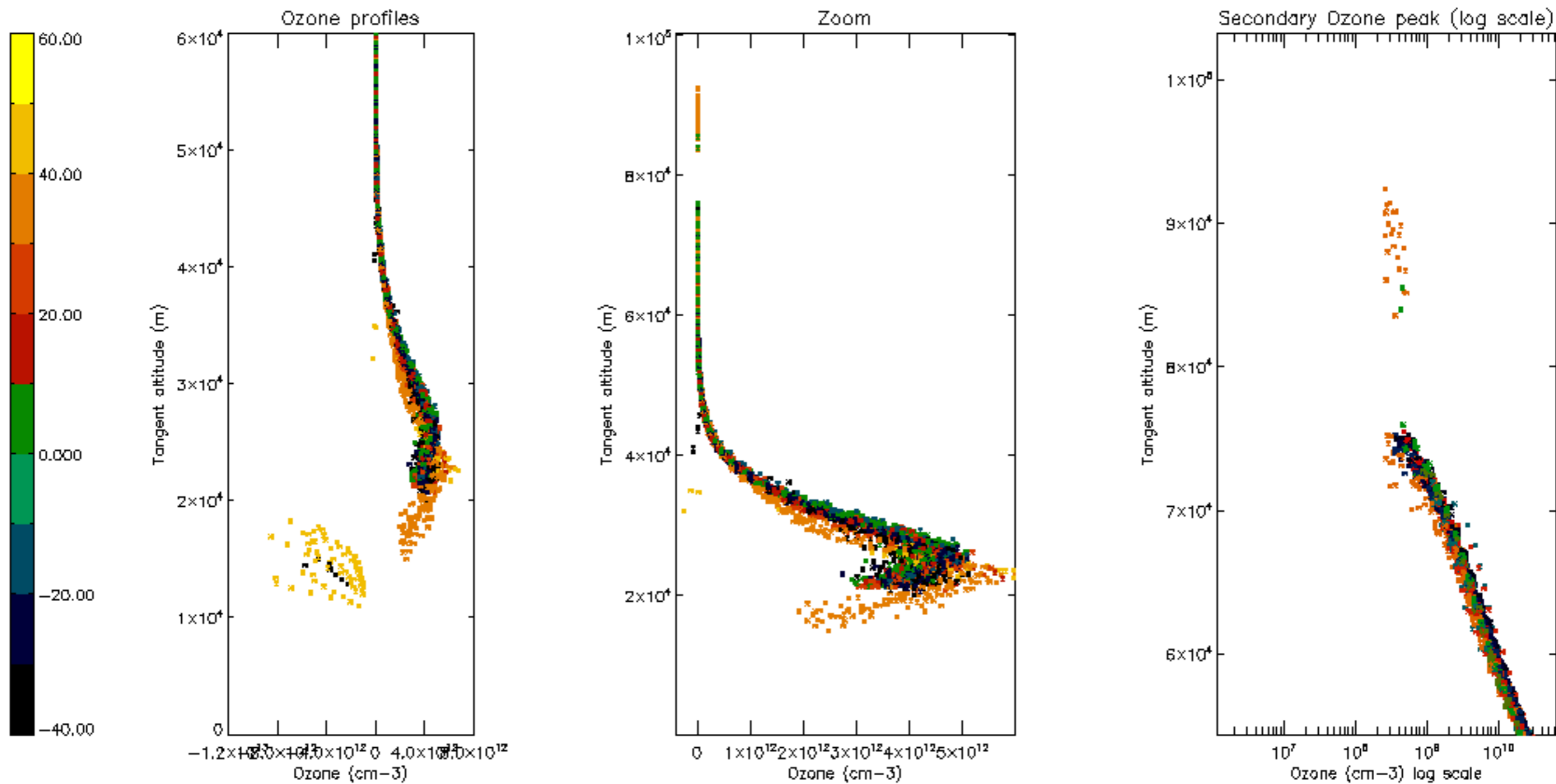
Percentage of saturation errors per profile

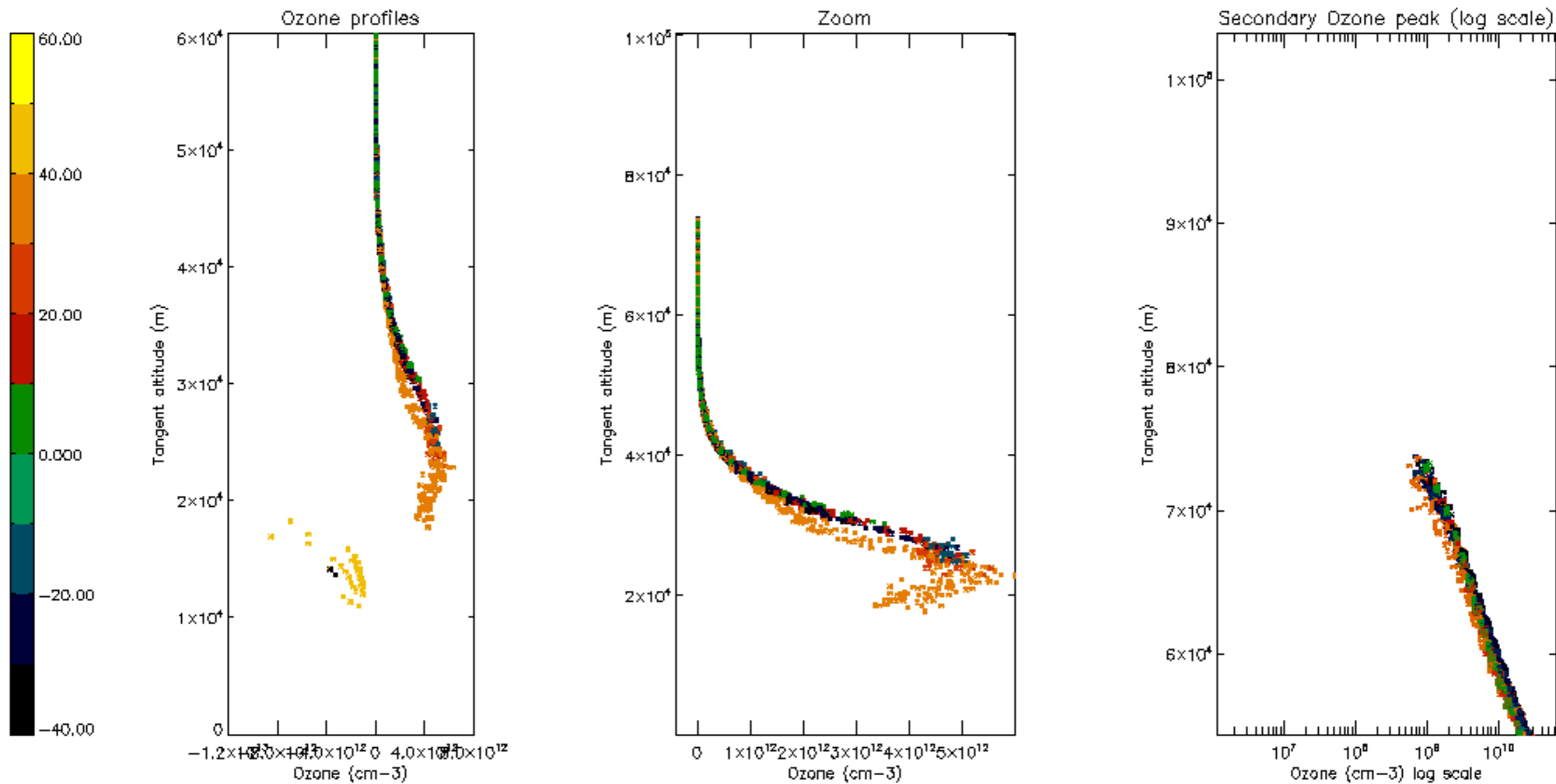




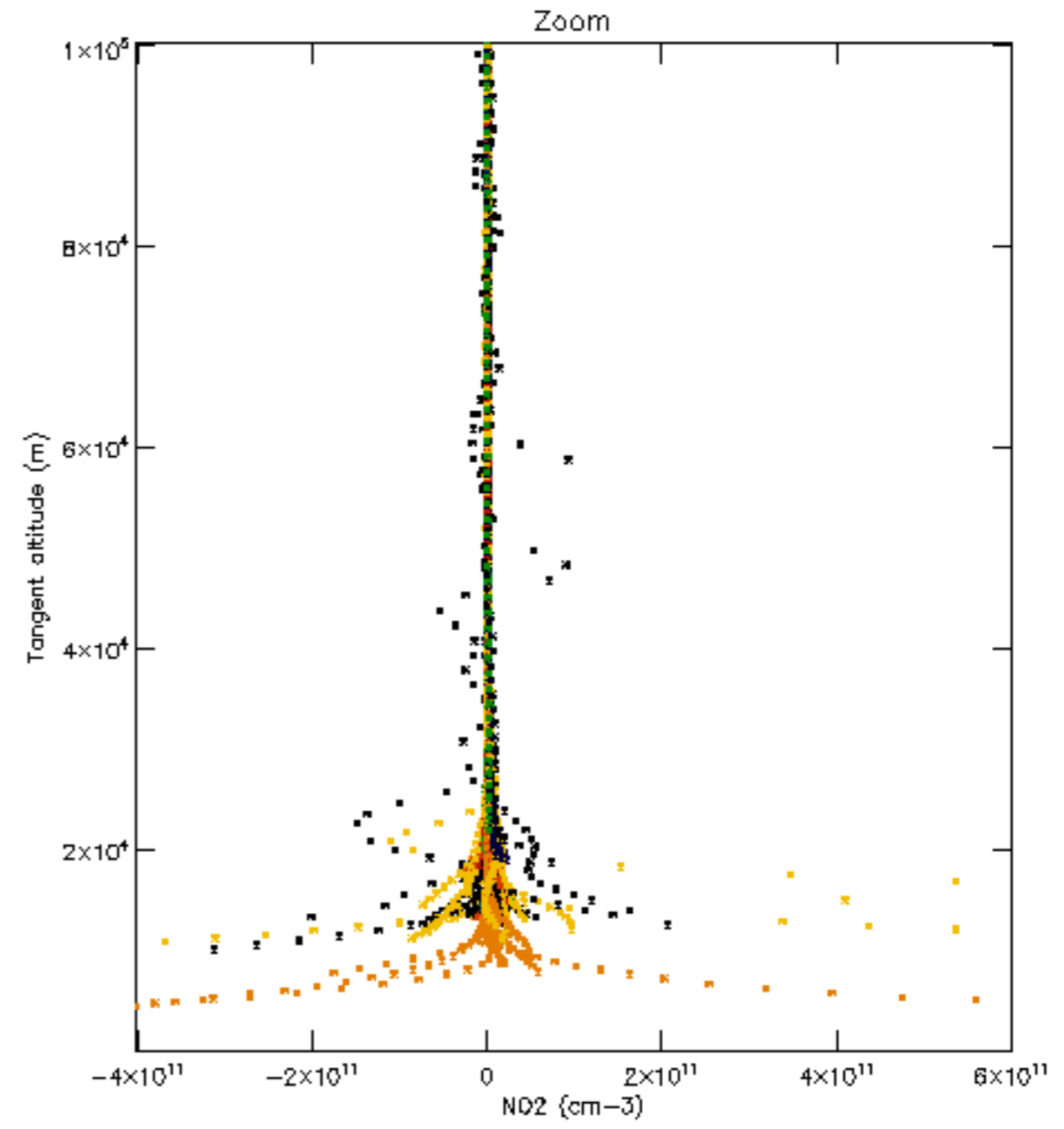
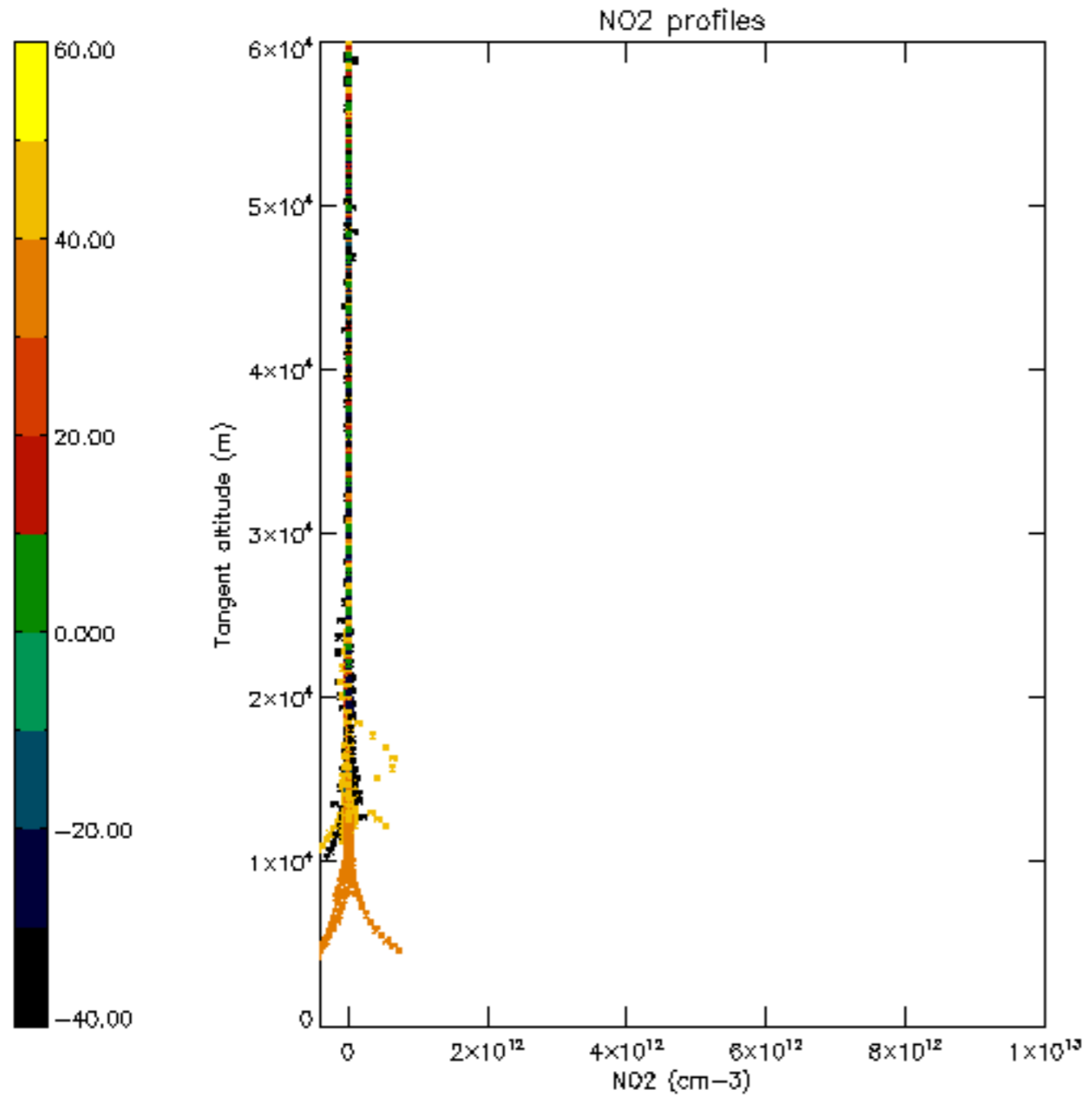


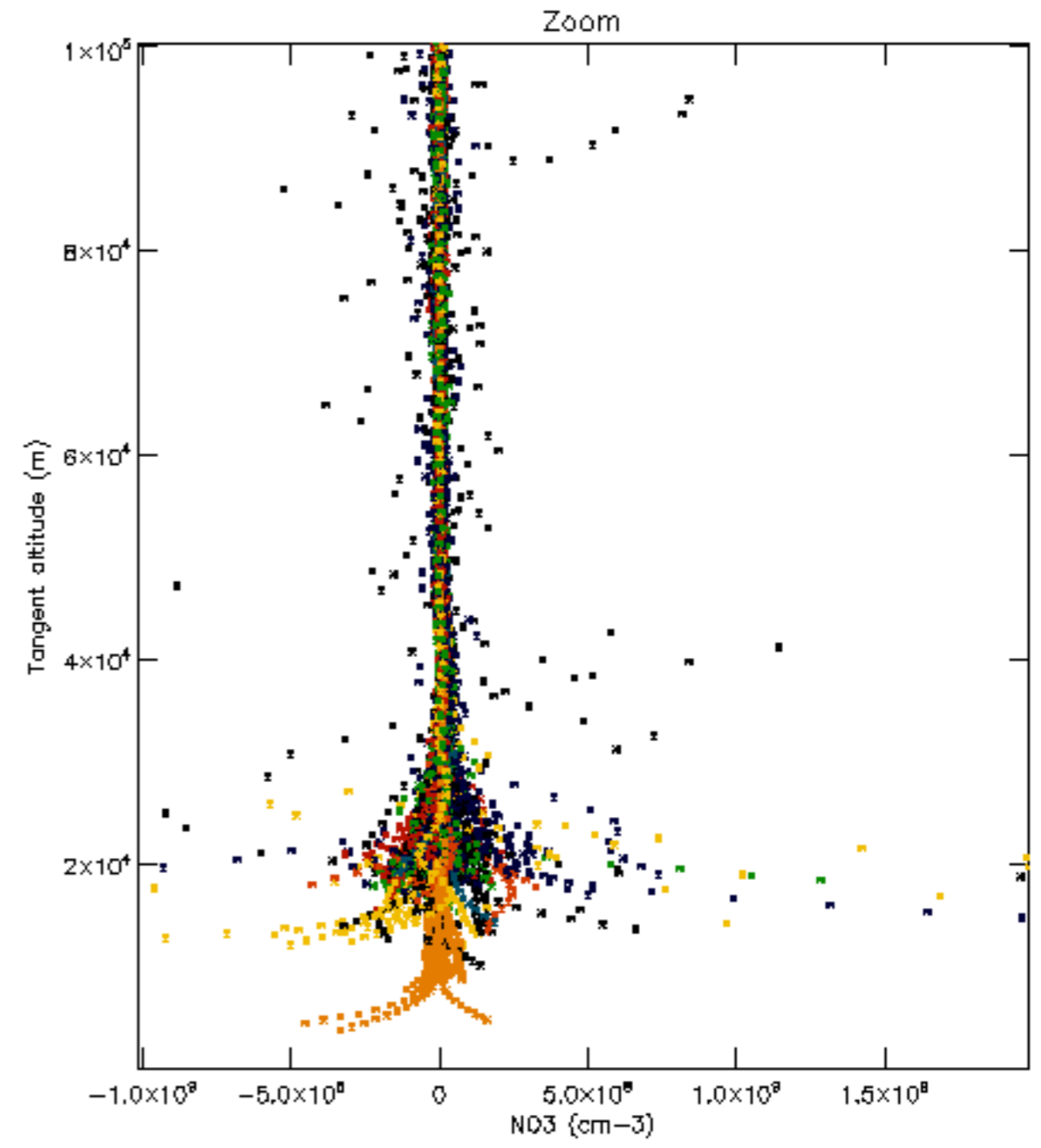
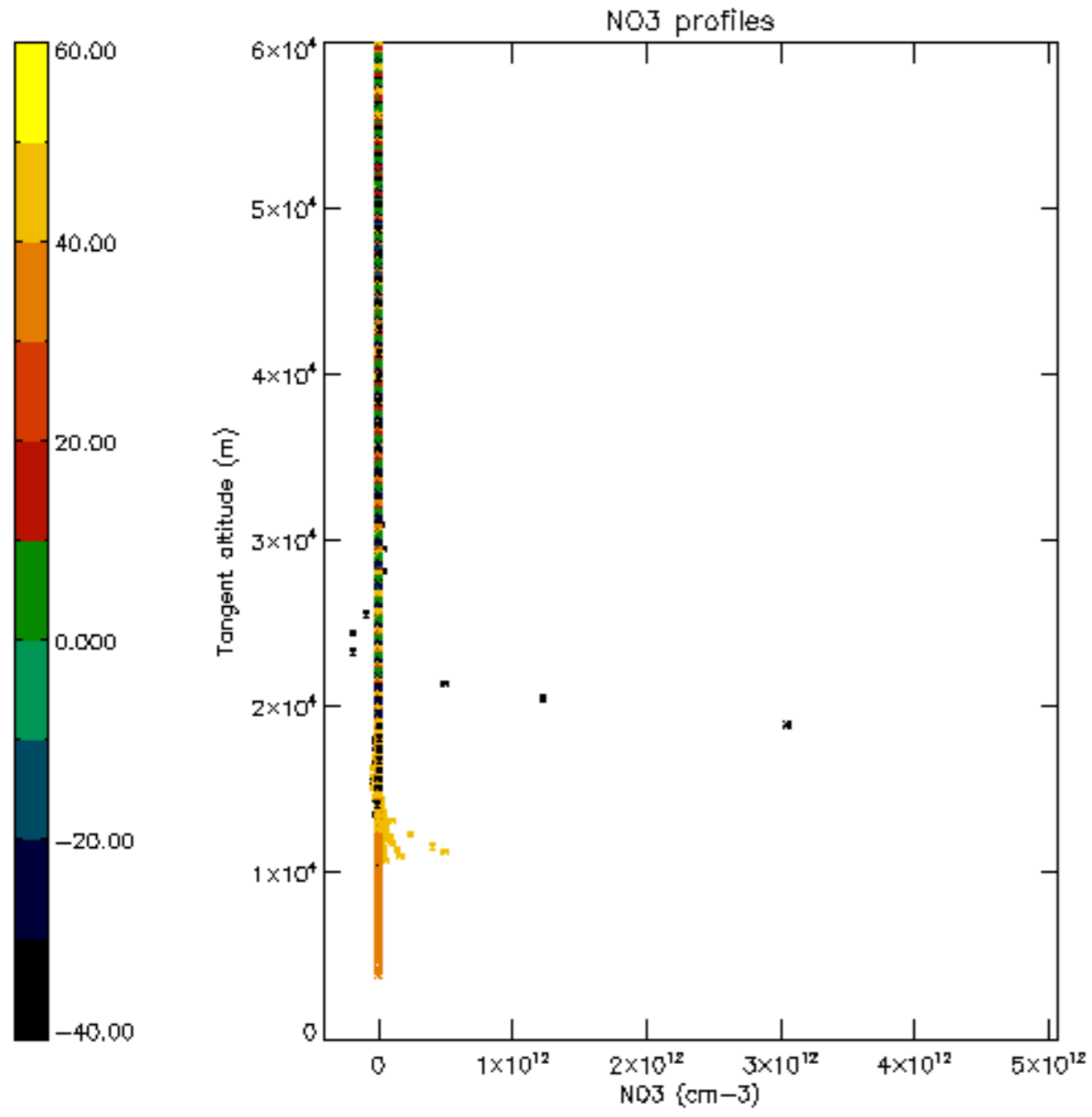


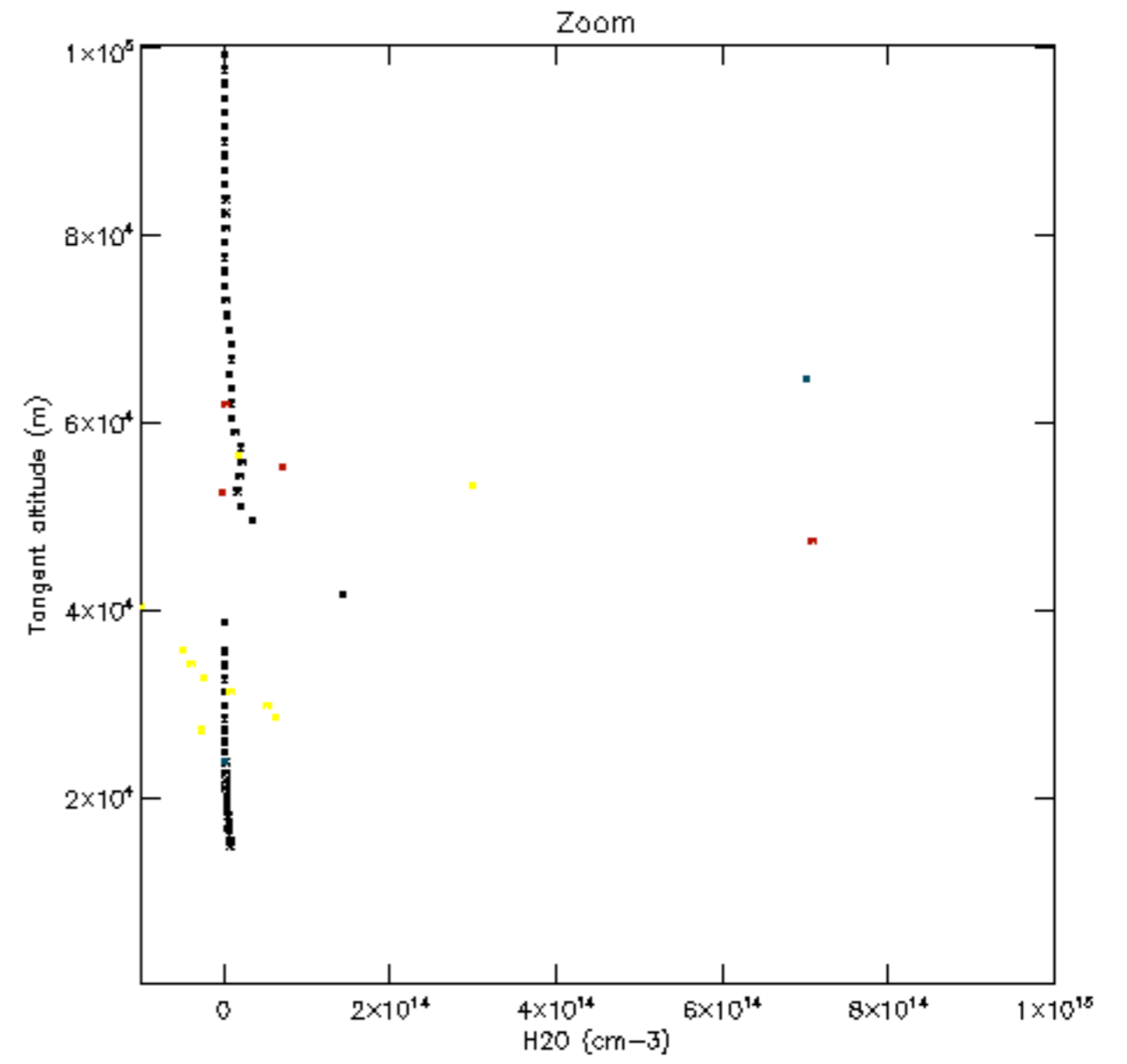
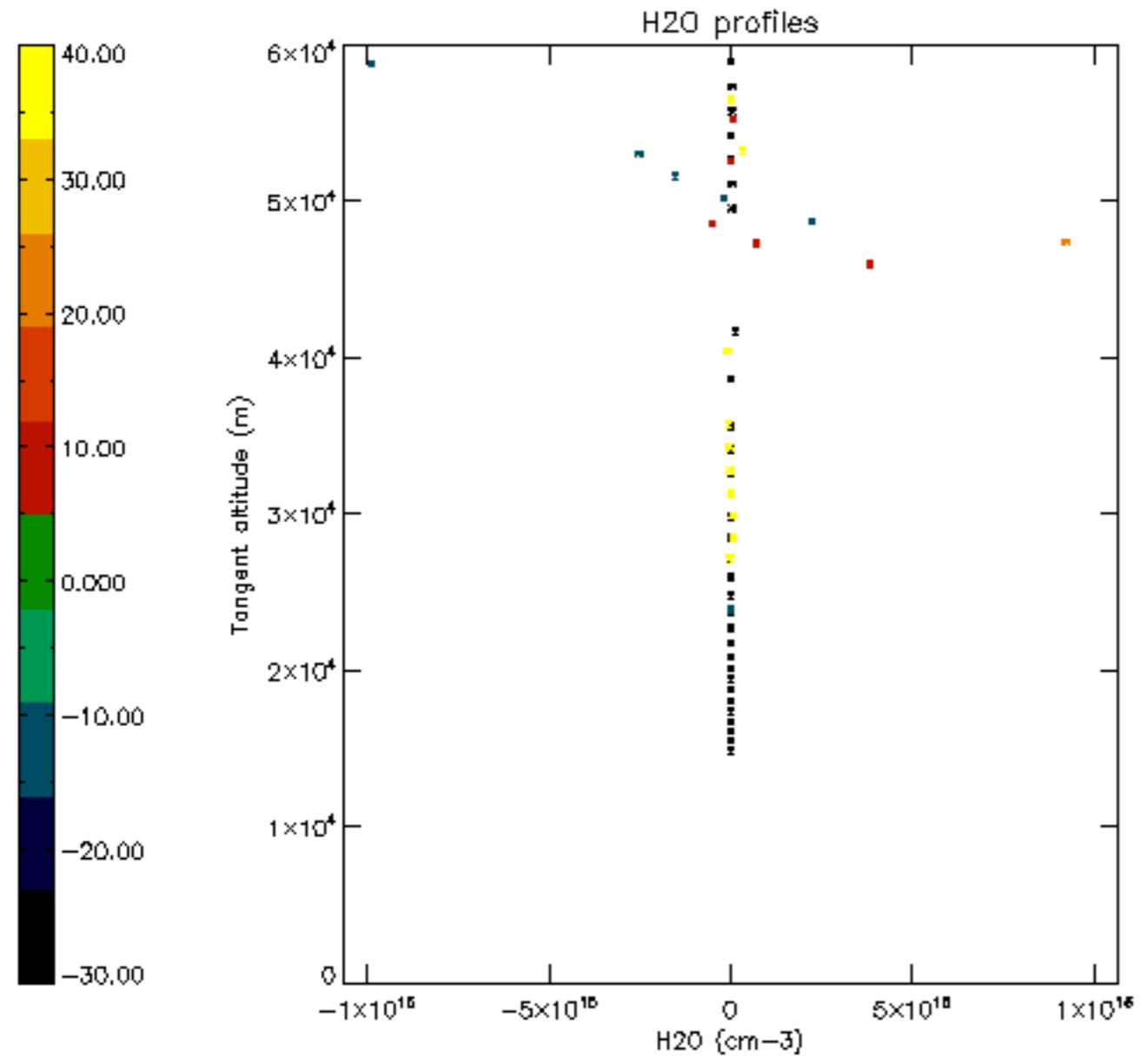


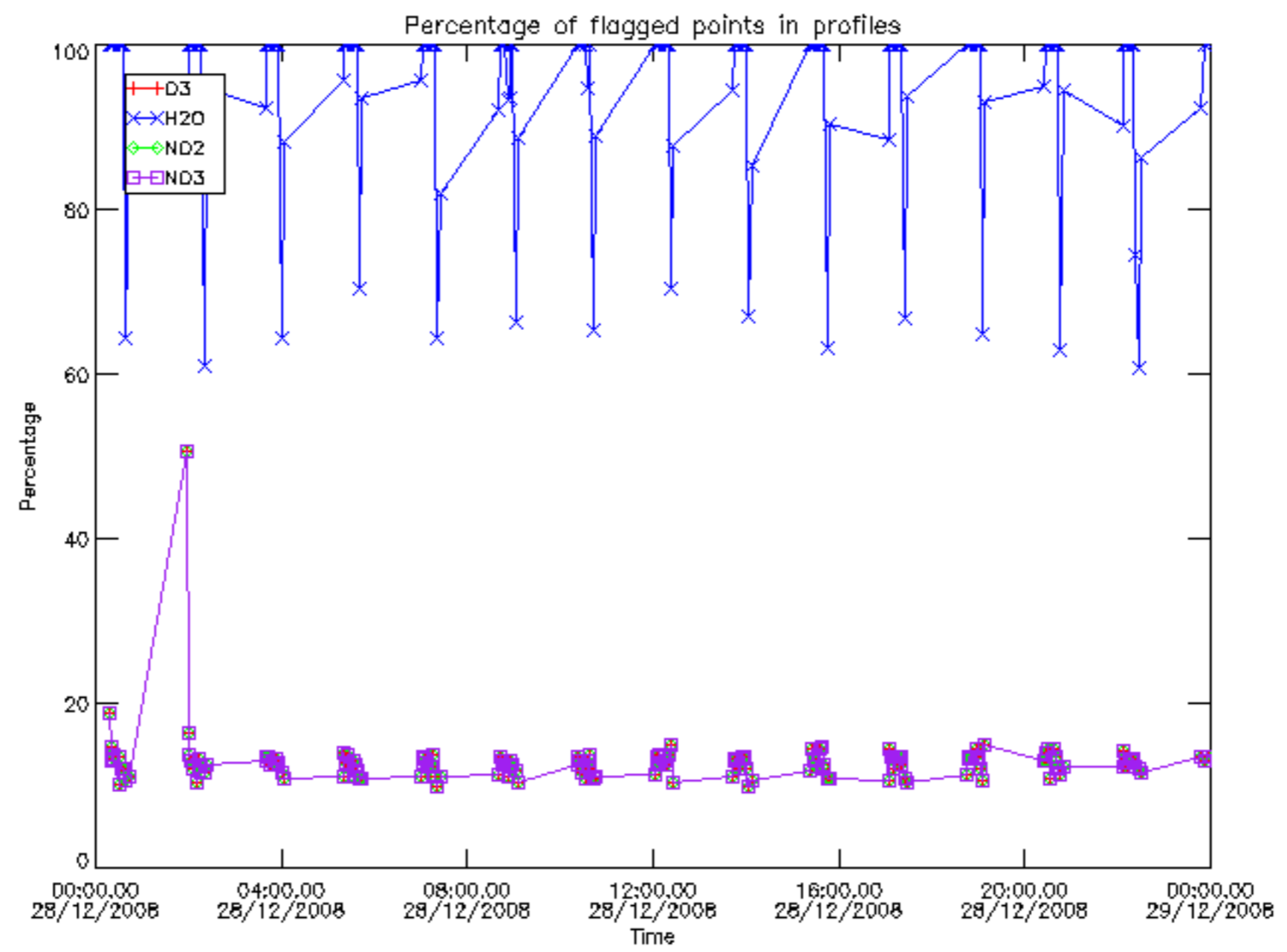






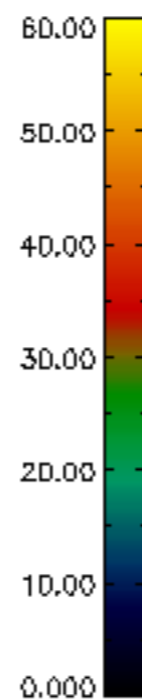
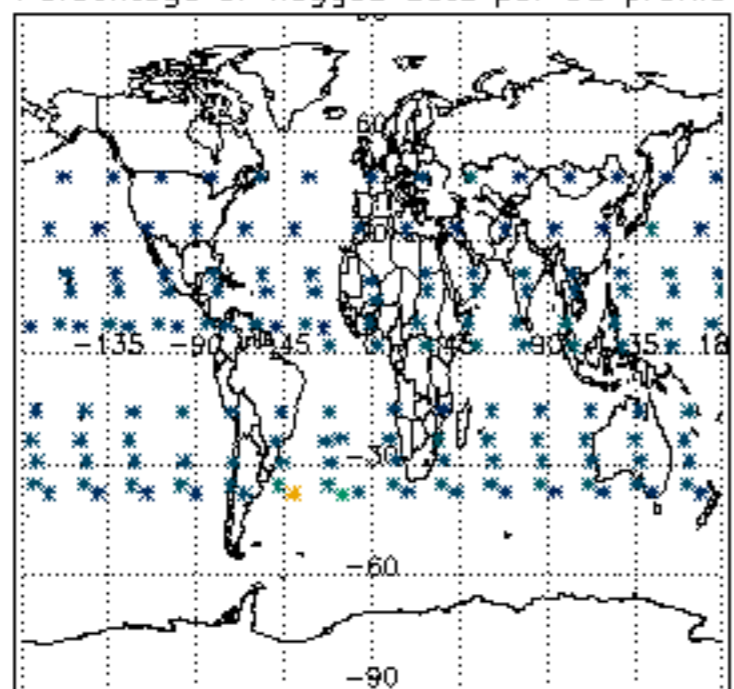




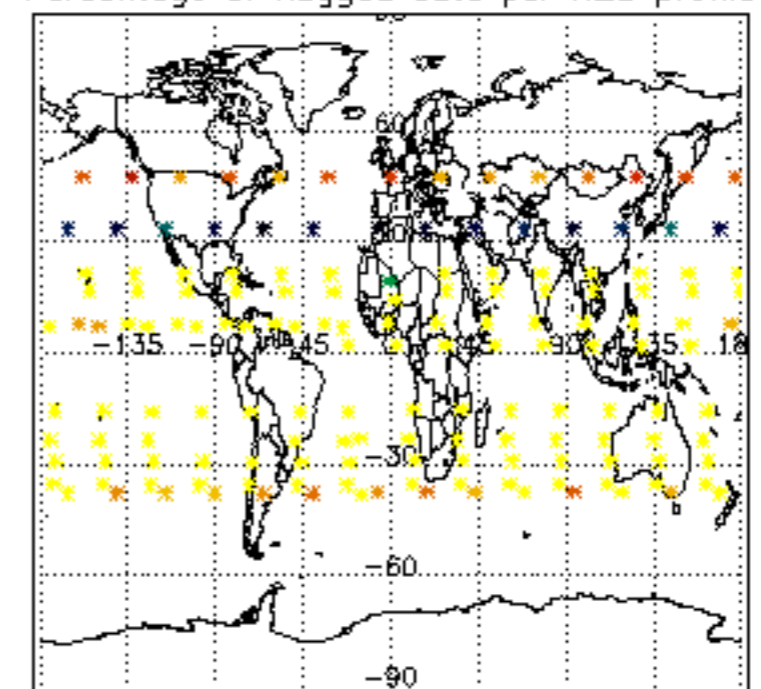




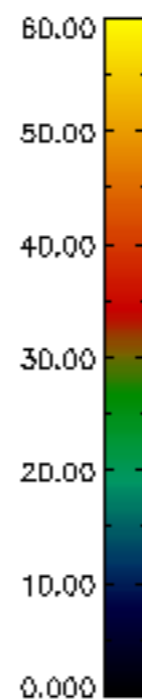
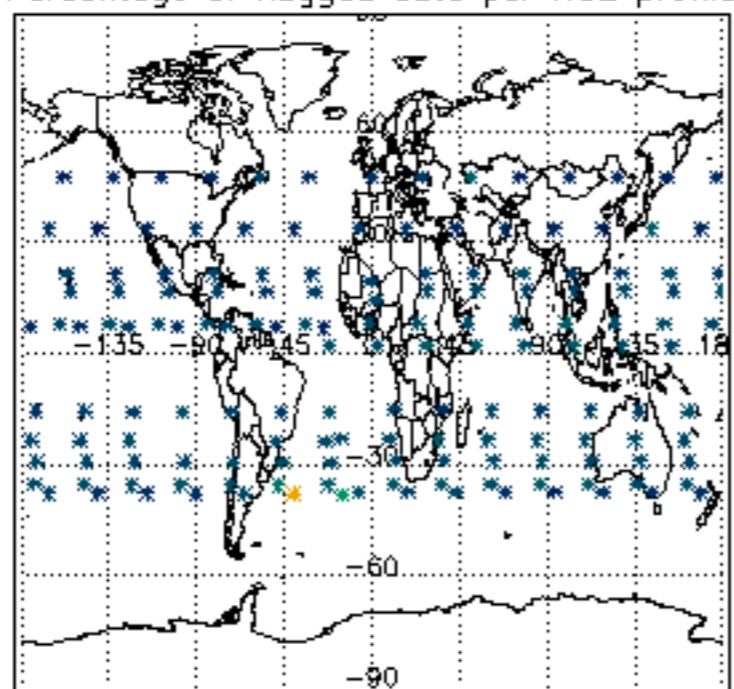
Percentage of flagged data per D3 profile



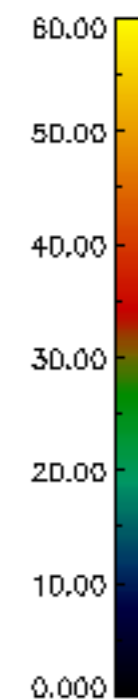
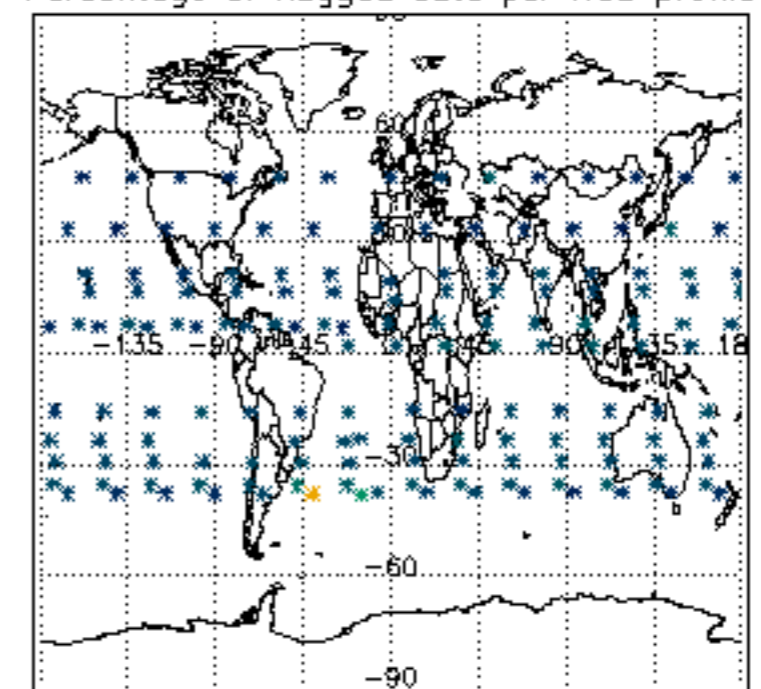
Percentage of flagged data per H2O profile

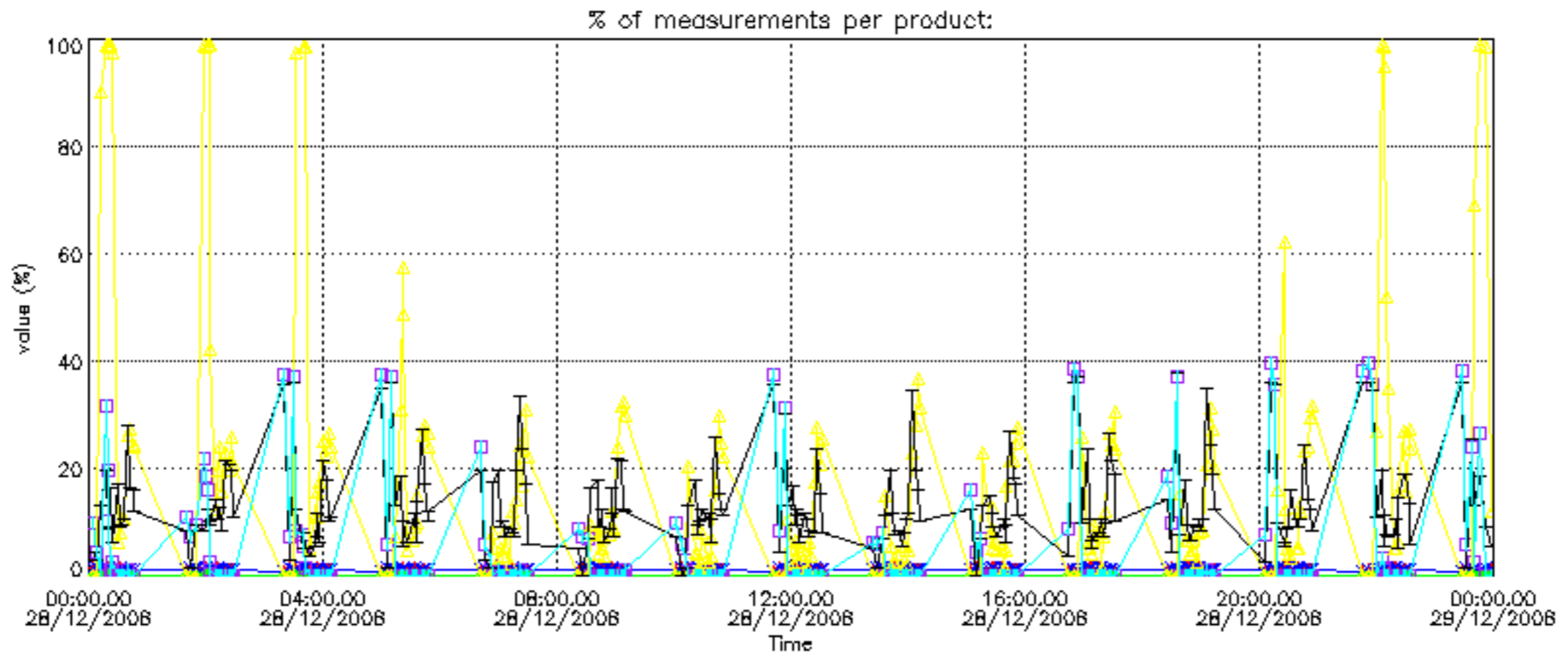


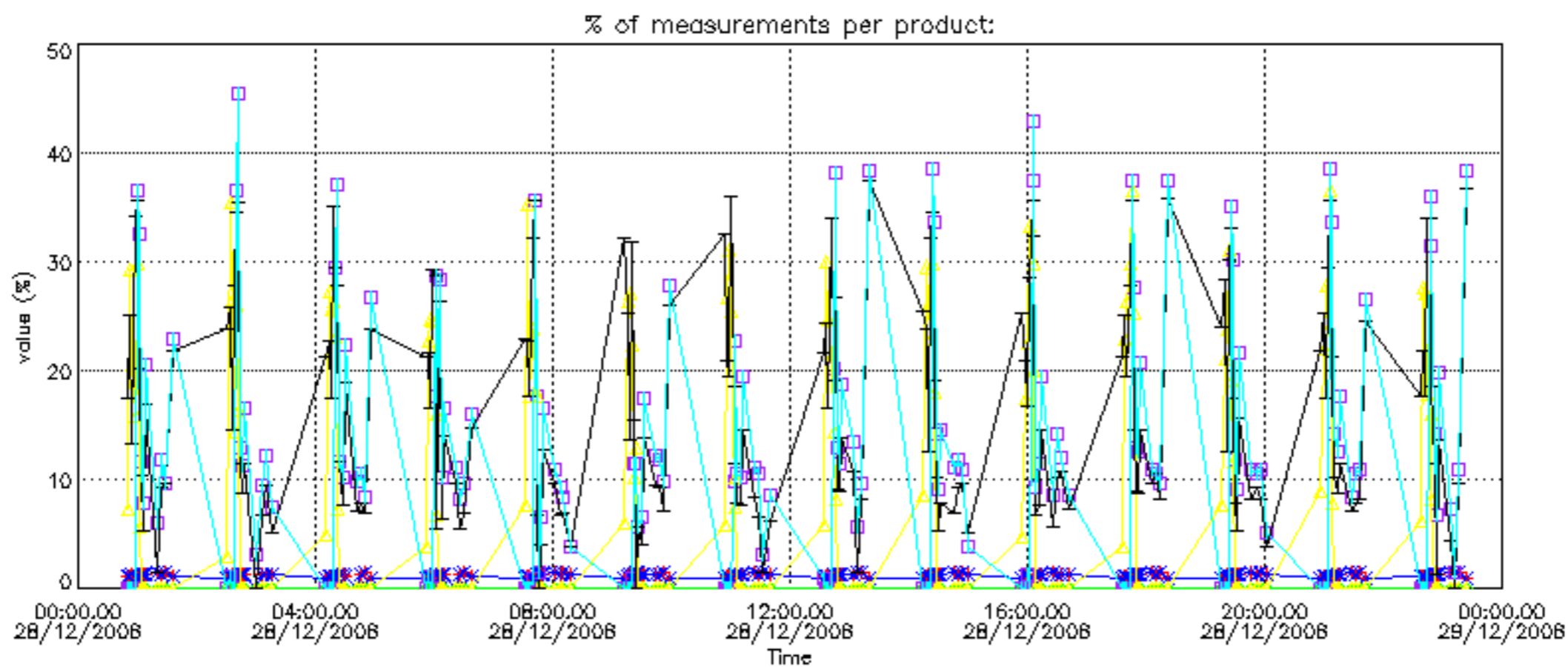
Percentage of flagged data per NO2 profile



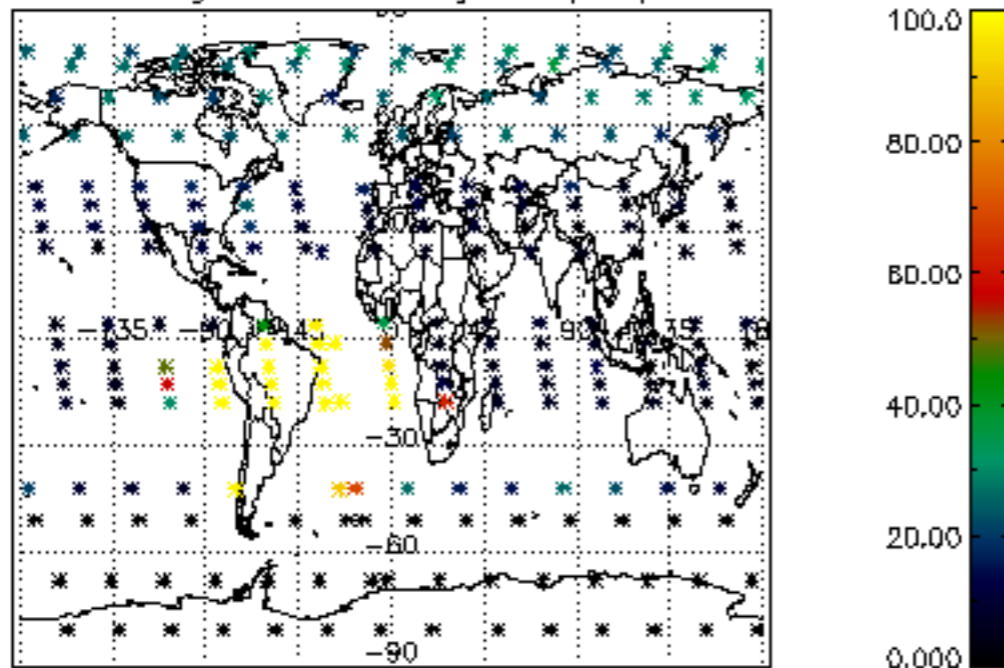
Percentage of flagged data per NO3 profile



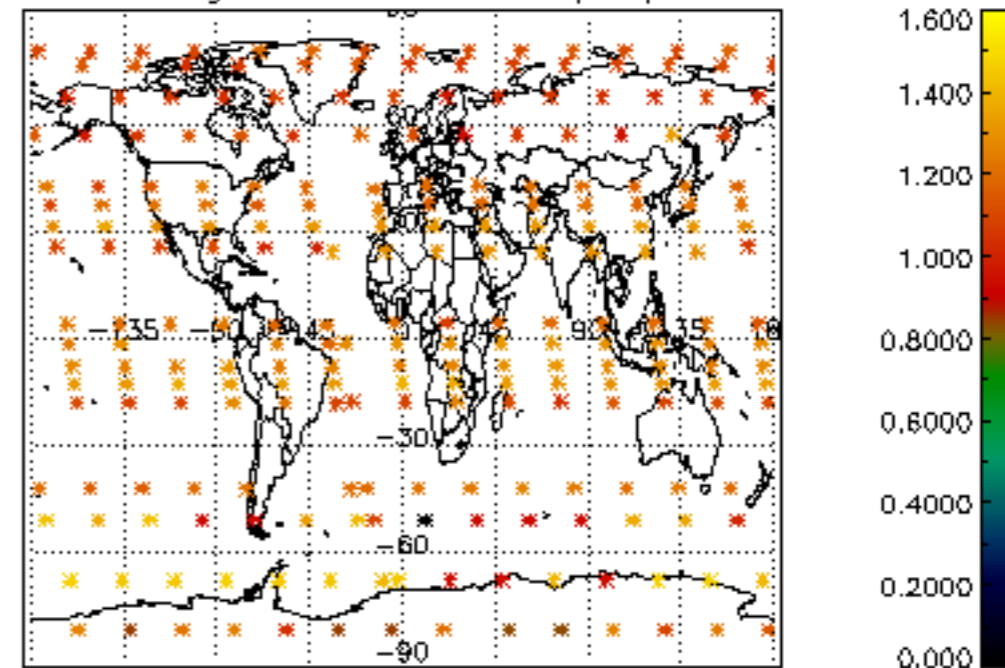




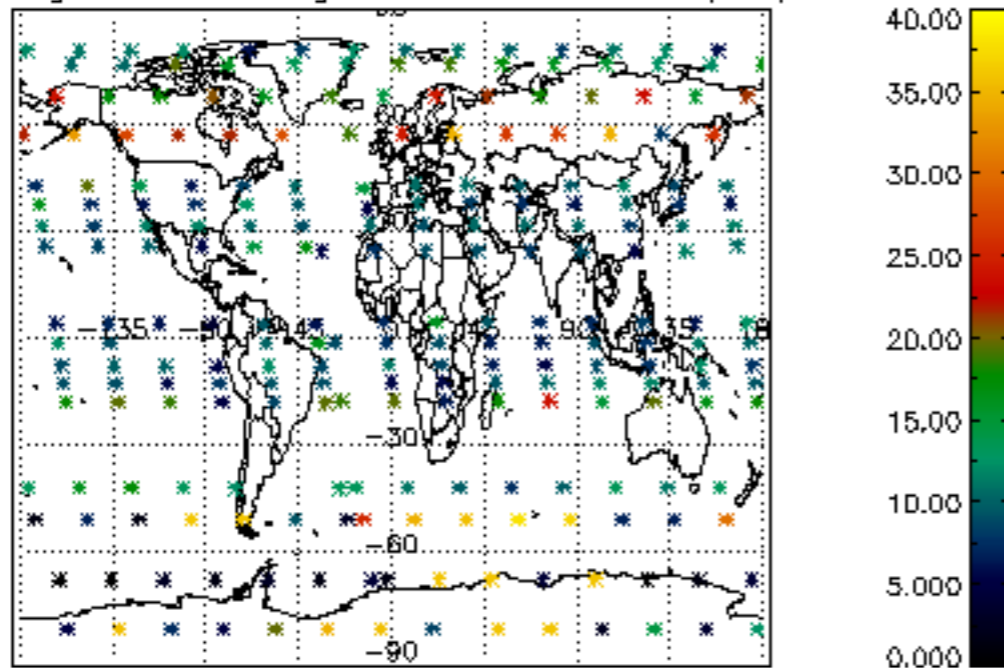
Percentage of cosmic ray hits per profile



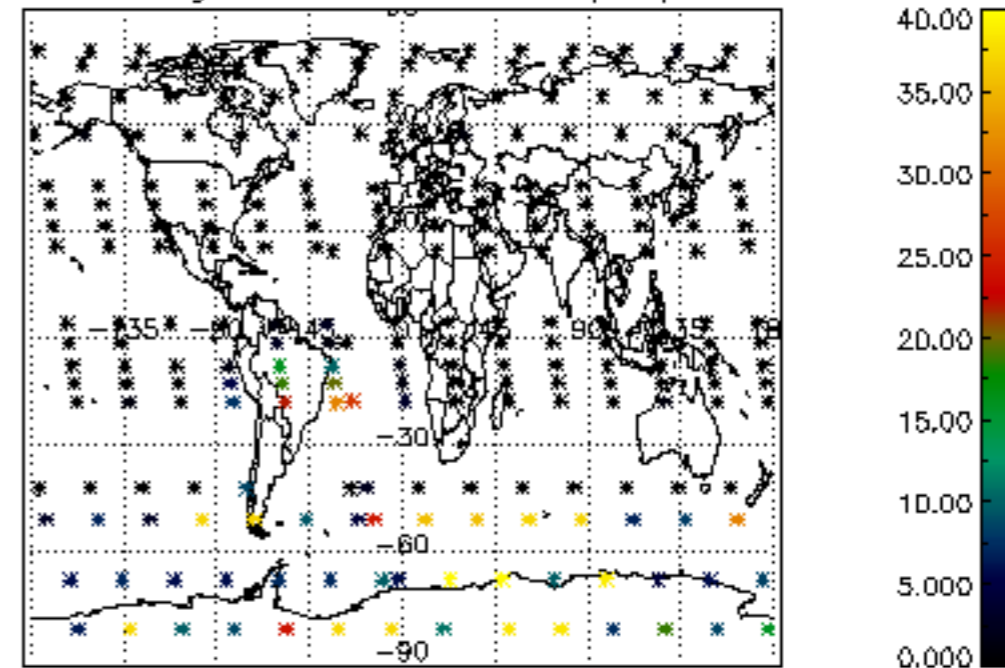
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

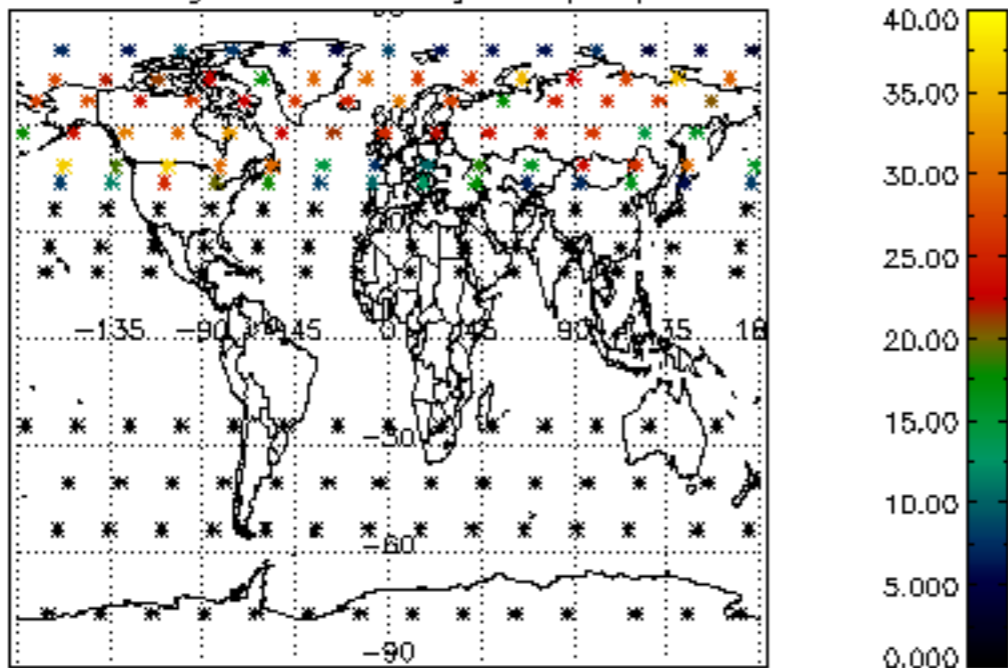


Percentage of saturation errors per profile

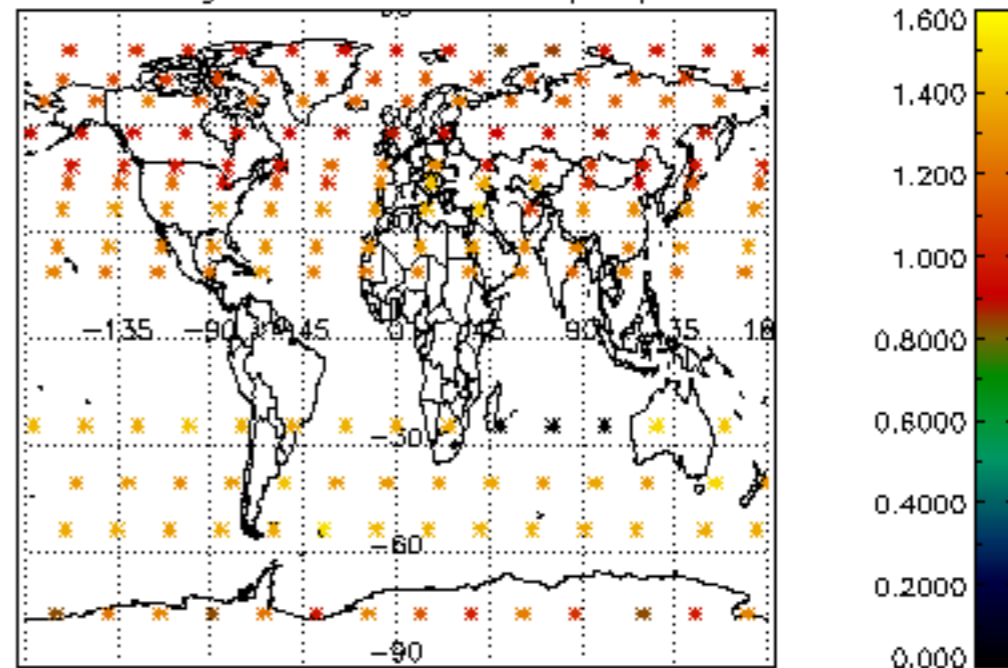




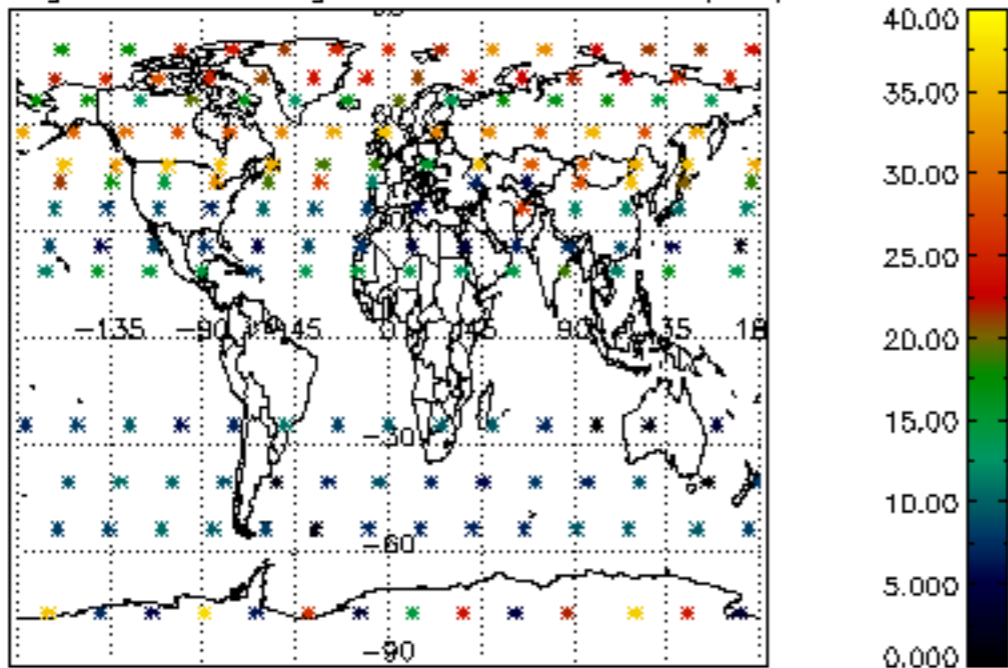
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

