

# GOMOS Level 2 Daily Report

## SUMMARY

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	25APR2013 14:53:01
Data source version	GOMOS/6.01
Start time of products	29-05-2008 (29MAY2008 00:00:00)
Stop time of products	30-05-2008 (30MAY2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	339
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__2PRFIN20080529_000621_000000432069_00030_32649_3537.N1	29-MAY-2008 00:06:21	Dark	42.500	52	16Bet Cet	2.0370	4500.0	85	32649	No
2	GOM_NL__2PRFIN20080529_001439_000000532069_00030_32649_3538.N1	29-MAY-2008 00:14:39	Dark	53.000	18	24Alp PsA	1.1660	9700.0	106	32649	No
3	GOM_NL__2PRFIN20080529_001812_000000592069_00031_32650_3541.N1	29-MAY-2008 00:18:12	Dark	58.500	63	Bet Gru	2.1500	2800.0	117	32650	No
4	GOM_NL__2PRFIN20080529_002001_000000462069_00031_32650_3542.N1	29-MAY-2008 00:20:01	Dark	46.000	31	Alp Gru	1.7340	15200.	92	32650	No
5	GOM_NL__2PRFIN20080529_002509_000000432069_00031_32650_3543.N1	29-MAY-2008 00:25:09	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	32650	No
6	GOM_NL__2PRFIN20080529_003133_000000412069_00031_32650_3544.N1	29-MAY-2008 00:31:33	Straylight	41.000	141	Bet Ara	2.8400	4600.0	82	32650	No
7	GOM_NL__2PRFIN20080529_003426_000000472069_00031_32650_3545.N1	29-MAY-2008 00:34:26	Straylight	47.000	40	The Sco	1.8590	7100.0	94	32650	No
8	GOM_NL__2PRFIN20080529_003615_000000502069_00031_32650_3546.N1	29-MAY-2008 00:36:15	Twilight_stray	49.500	25	35Lam Sco	1.6200	28000.	99	32650	No
9	GOM_NL__2PRFIN20080529_003806_000000462069_00031_32650_3547.N1	29-MAY-2008 00:38:06	Twilight_stray	45.500	75	26Eps Sco	2.2910	4250.0	91	32650	No
10	GOM_NL__2PRFIN20080529_004011_000000422069_00031_32650_3548.N1	29-MAY-2008 00:40:11	Twilight_stray	41.500	136	23Tau Sco	2.8220	30000.	83	32650	No
11	GOM_NL__2PRFIN20080529_004219_000000402069_00031_32650_3549.N1	29-MAY-2008 00:42:19	Bright	39.500	80	7Del Sco	2.3160	30000.	79	32650	No
12	GOM_NL__2PRFIN20080529_004355_000000482069_00031_32650_3550.N1	29-MAY-2008 00:43:55	Bright	47.500	86	35Eta Oph	2.4300	10200.	95	32650	No
13	GOM_NL__2PRFIN20080529_004549_000000422069_00031_32650_3551.N1	29-MAY-2008 00:45:49	Bright	41.500	98	13Zet Oph	2.5710	30000.	83	32650	No
14	GOM_NL__2PRFIN20080529_004803_000000412069_00031_32650_3552.N1	29-MAY-2008 00:48:03	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	32650	No
15	GOM_NL__2PRFIN20080529_005104_000000382069_00031_32650_3553.N1	29-MAY-2008 00:51:04	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	32650	No
16	GOM_NL__2PRFIN20080529_005702_000000402069_00031_32650_3554.N1	29-MAY-2008 00:57:02	Bright	39.500	67	5Alp CrB	2.2210	11000.	79	32650	No
17	GOM_NL__2PRFIN20080529_005957_000000432069_00031_32650_3555.N1	29-MAY-2008 00:59:57	Bright	43.000	133	40Zet Her	2.8070	6000.0	86	32650	No
18	GOM_NL__2PRFIN20080529_010744_000000392069_00031_32650_3556.N1	29-MAY-2008 01:07:44	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	32650	No
19	GOM_NL__2PRFIN20080529_011015_000000372069_00031_32650_3557.N1	29-MAY-2008 01:10:15	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	32650	No
20	GOM_NL__2PRFIN20080529_011819_000000462069_00031_32650_3558.N1	29-MAY-2008 01:18:19	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	32650	No
21	GOM_NL__2PRFIN20080529_012300_000000552069_00031_32650_3559.N1	29-MAY-2008 01:23:00	Bright	54.500	76	27Gam Cas	2.3000	30000.	109	32650	No
22	GOM_NL__2PRFIN20080529_013038_000000412069_00031_32650_3560.N1	29-MAY-2008 01:30:38	Bright	40.500	53	43Bet And	2.0480	3300.0	81	32650	No
23	GOM_NL__2PRFIN20080529_013316_000000522069_00031_32650_3561.N1	29-MAY-2008 01:33:16	Twilight_stray	51.500	58	21Alp And	2.0730	11000.	103	32650	No
24	GOM_NL__2PRFIN20080529_013802_000000482069_00031_32650_3562.N1	29-MAY-2008 01:38:02	Dark	48.000	140	88Gam Peg	2.8340	26000.	96	32650	No
25	GOM_NL__2PRFIN20080529_014658_000000452069_00031_32650_3563.N1	29-MAY-2008 01:46:58	Dark	45.000	52	16Bet Cet	2.0370	4500.0	90	32650	No
26	GOM_NL__2PRFIN20080529_015516_000000522069_00031_32650_3564.N1	29-MAY-2008 01:55:16	Dark	52.000	18	24Alp PsA	1.1660	9700.0	104	32650	No
27	GOM_NL__2PRFIN20080529_020038_000000442069_00032_32651_3571.N1	29-MAY-2008 02:00:38	Dark	44.000	31	Alp Gru	1.7340	15200.	88	32651	No
28	GOM_NL__2PRFIN20080529_020546_000000422069_00032_32651_3572.N1	29-MAY-2008 02:05:46	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	32651	No
29	GOM_NL__2PRFIN20080529_021209_000000422069_00032_32651_3573.N1	29-MAY-2008 02:12:09	Straylight	41.500	141	Bet Ara	2.8400	4600.0	83	32651	No
30	GOM_NL__2PRFIN20080529_021503_000000492069_00032_32651_3574.N1	29-MAY-2008 02:15:03	Straylight	49.000	40	The Sco	1.8590	7100.0	98	32651	No
31	GOM_NL__2PRFIN20080529_021652_000000442069_00032_32651_3575.N1	29-MAY-2008 02:16:52	Twilight_stray	44.000	25	35Lam Sco	1.6200	28000.	88	32651	No
32	GOM_NL__2PRFIN20080529_021843_000000482069_00032_32651_3576.N1	29-MAY-2008 02:18:43	Twilight_stray	48.000	75	26Eps Sco	2.2910	4250.0	96	32651	No
33	GOM_NL__2PRFIN20080529_022047_000000412069_00032_32651_3577.N1	29-MAY-2008 02:20:47	Twilight_stray	40.500	136	23Tau Sco	2.8220	30000.	81	32651	No
34	GOM_NL__2PRFIN20080529_022255_000000402069_00032_32651_3578.N1	29-MAY-2008 02:22:55	Bright	39.500	80	7Del Sco	2.3160	30000.	79	32651	No
35	GOM_NL__2PRFIN20080529_022431_000000472069_00032_32651_3579.N1	29-MAY-2008 02:24:31	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	32651	No
36	GOM_NL__2PRFIN20080529_022625_000000612069_00032_32651_3580.N1	29-MAY-2008 02:26:25	Bright	61.000	98	13Zet Oph	2.5710	30000.	122	32651	No
37	GOM_NL__2PRFIN20080529_022838_000000412069_00032_32651_3581.N1	29-MAY-2008 02:28:38	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	32651	No
38	GOM_NL__2PRFIN20080529_023140_000000382069_00032_32651_3582.N1	29-MAY-2008 02:31:40	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	32651	No
39	GOM_NL__2PRFIN20080529_023738_000000392069_00032_32651_3583.N1	29-MAY-2008 02:37:38	Bright	39.000	67	5Alp CrB	2.2210	11000.	78	32651	No
40	GOM_NL__2PRFIN20080529_024032_000000452069_00032_32651_3584.N1	29-MAY-2008 02:40:32	Bright	45.000	133	40Zet Her	2.8070	6000.0	90	32651	No
41	GOM_NL__2PRFIN20080529_024820_000000372069_00032_32651_3585.N1	29-MAY-2008 02:48:20	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	32651	No
42	GOM_NL__2PRFIN20080529_025051_000000342069_00032_32651_3586.N1	29-MAY-2008 02:50:51	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	32651	No

43	GOM_NL__2PRFIN20080529_025855_000000472069_00032_32651_3587.N1	29-MAY-2008 02:58:55	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	32651	No
44	GOM_NL__2PRFIN20080529_030336_000000552069_00032_32651_3588.N1	29-MAY-2008 03:03:36	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	32651	No
45	GOM_NL__2PRFIN20080529_031114_000000422069_00032_32651_3589.N1	29-MAY-2008 03:11:14	Bright	42.000	53	43Bet And	2.0480	3300.0	84	32651	No
46	GOM_NL__2PRFIN20080529_031352_000000522069_00032_32651_3590.N1	29-MAY-2008 03:13:52	Tw_i_and_stray	52.000	58	21Alp And	2.0730	11000.	104	32651	No
47	GOM_NL__2PRFIN20080529_031838_000000492069_00032_32651_3591.N1	29-MAY-2008 03:18:38	Dark	48.500	140	88Gam Peg	2.8340	26000.	97	32651	No
48	GOM_NL__2PRFIN20080529_032734_000000452069_00032_32651_3592.N1	29-MAY-2008 03:27:34	Dark	44.500	52	16Bet Cet	2.0370	4500.0	89	32651	No
49	GOM_NL__2PRFIN20080529_033553_000000622069_00032_32651_3593.N1	29-MAY-2008 03:35:53	Dark	61.500	18	24Alp PsA	1.1660	9700.0	123	32651	No
50	GOM_NL__2PRFIN20080529_034115_000000462069_00033_32652_3567.N1	29-MAY-2008 03:41:15	Dark	45.500	31	Alp Gru	1.7340	15200.	91	32652	No
51	GOM_NL__2PRFIN20080529_034622_000000412069_00033_32652_3568.N1	29-MAY-2008 03:46:22	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	32652	No
52	GOM_NL__2PRFIN20080529_035245_000000392069_00033_32652_3569.N1	29-MAY-2008 03:52:45	Straylight	39.000	141	Bet Ara	2.8400	4600.0	78	32652	No
53	GOM_NL__2PRFIN20080529_035539_000000462069_00033_32652_3570.N1	29-MAY-2008 03:55:39	Straylight	46.000	40	The Sco	1.8590	7100.0	92	32652	No
54	GOM_NL__2PRFIN20080529_035728_000000442069_00033_32652_3571.N1	29-MAY-2008 03:57:28	Tw_i_and_stray	43.500	25	35Lam Sco	1.6200	28000.	87	32652	No
55	GOM_NL__2PRFIN20080529_035919_000000472069_00033_32652_3572.N1	29-MAY-2008 03:59:19	Tw_i_and_stray	46.500	75	26Eps Sco	2.2910	4250.0	93	32652	No
56	GOM_NL__2PRFIN20080529_040124_000000522069_00033_32652_3573.N1	29-MAY-2008 04:01:24	Bright	52.000	136	23Tau Sco	2.8220	30000.	104	32652	No
57	GOM_NL__2PRFIN20080529_040331_000000392069_00033_32652_3574.N1	29-MAY-2008 04:03:31	Bright	38.500	80	7Del Sco	2.3160	30000.	77	32652	No
58	GOM_NL__2PRFIN20080529_040507_000000482069_00033_32652_3575.N1	29-MAY-2008 04:05:07	Bright	47.500	86	35Eta Oph	2.4300	10200.	95	32652	No
59	GOM_NL__2PRFIN20080529_040701_000000432069_00033_32652_3576.N1	29-MAY-2008 04:07:01	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	32652	No
60	GOM_NL__2PRFIN20080529_040914_000000412069_00033_32652_3577.N1	29-MAY-2008 04:09:14	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	32652	No
61	GOM_NL__2PRFIN20080529_041216_000000382069_00033_32652_3578.N1	29-MAY-2008 04:12:16	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	32652	No
62	GOM_NL__2PRFIN20080529_041814_000000392069_00033_32652_3579.N1	29-MAY-2008 04:18:14	Bright	38.500	67	5Alp CrB	2.2210	11000.	77	32652	No
63	GOM_NL__2PRFIN20080529_042108_000000442069_00033_32652_3580.N1	29-MAY-2008 04:21:08	Bright	44.000	133	40Zet Her	2.8070	6000.0	88	32652	No
64	GOM_NL__2PRFIN20080529_042856_000000402069_00033_32652_3581.N1	29-MAY-2008 04:28:56	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	32652	No
65	GOM_NL__2PRFIN20080529_043127_000000372069_00033_32652_3582.N1	29-MAY-2008 04:31:27	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	32652	No
66	GOM_NL__2PRFIN20080529_043930_000000482069_00033_32652_3583.N1	29-MAY-2008 04:39:30	Bright	47.500	89	5Alp Cep	2.4510	8000.0	95	32652	No
67	GOM_NL__2PRFIN20080529_044412_000000512069_00033_32652_3584.N1	29-MAY-2008 04:44:12	Bright	51.000	76	27Gam Cas	2.3000	30000.	102	32652	No
68	GOM_NL__2PRFIN20080529_045150_000000412069_00033_32652_3585.N1	29-MAY-2008 04:51:50	Bright	41.000	53	43Bet And	2.0480	3300.0	82	32652	No
69	GOM_NL__2PRFIN20080529_045429_000000492069_00033_32652_3586.N1	29-MAY-2008 04:54:29	Tw_i_and_stray	49.000	58	21Alp And	2.0730	11000.	98	32652	No
70	GOM_NL__2PRFIN20080529_045915_000000472069_00033_32652_3587.N1	29-MAY-2008 04:59:15	Dark	46.500	140	88Gam Peg	2.8340	26000.	93	32652	No
71	GOM_NL__2PRFIN20080529_050811_000000462069_00033_32652_3588.N1	29-MAY-2008 05:08:11	Dark	46.000	52	16Bet Cet	2.0370	4500.0	92	32652	No
72	GOM_NL__2PRFIN20080529_051630_000000692069_00033_32652_3589.N1	29-MAY-2008 05:16:30	Dark	69.000	18	24Alp PsA	1.1660	9700.0	138	32652	No
73	GOM_NL__2PRFIN20080529_052003_000000602069_00034_32653_3558.N1	29-MAY-2008 05:20:03	Dark	59.500	63	Bet Gru	2.1500	2800.0	119	32653	No
74	GOM_NL__2PRFIN20080529_052152_000000442069_00034_32653_3559.N1	29-MAY-2008 05:21:52	Dark	43.500	31	Alp Gru	1.7340	15200.	87	32653	No
75	GOM_NL__2PRFIN20080529_052659_000000402069_00034_32653_3560.N1	29-MAY-2008 05:26:59	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	32653	No
76	GOM_NL__2PRFIN20080529_053322_000000422069_00034_32653_3561.N1	29-MAY-2008 05:33:22	Straylight	42.000	141	Bet Ara	2.8400	4600.0	84	32653	No
77	GOM_NL__2PRFIN20080529_053616_000000432069_00034_32653_3562.N1	29-MAY-2008 05:36:16	Straylight	42.500	40	The Sco	1.8590	7100.0	85	32653	No
78	GOM_NL__2PRFIN20080529_053804_000000452069_00034_32653_3563.N1	29-MAY-2008 05:38:04	Tw_i_and_stray	45.000	25	35Lam Sco	1.6200	28000.	90	32653	No
79	GOM_NL__2PRFIN20080529_053955_000000462069_00034_32653_3564.N1	29-MAY-2008 05:39:55	Tw_i_and_stray	46.000	75	26Eps Sco	2.2910	4250.0	92	32653	No
80	GOM_NL__2PRFIN20080529_054200_000000412069_00034_32653_3565.N1	29-MAY-2008 05:42:00	Bright	41.000	136	23Tau Sco	2.8220	30000.	82	32653	No
81	GOM_NL__2PRFIN20080529_054407_000000412069_00034_32653_3566.N1	29-MAY-2008 05:44:07	Bright	40.500	80	7Del Sco	2.3160	30000.	81	32653	No
82	GOM_NL__2PRFIN20080529_054543_000000452069_00034_32653_3567.N1	29-MAY-2008 05:45:43	Bright	45.000	86	35Eta Oph	2.4300	10200.	90	32653	No
83	GOM_NL__2PRFIN20080529_054737_000000422069_00034_32653_3568.N1	29-MAY-2008 05:47:37	Bright	42.000	98	13Zet Oph	2.5710	30000.	84	32653	No
84	GOM_NL__2PRFIN20080529_054951_000000412069_00034_32653_3569.N1	29-MAY-2008 05:49:51	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	32653	No
85	GOM_NL__2PRFIN20080529_055252_000000382069_00034_32653_3570.N1	29-MAY-2008 05:52:52	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	32653	No
86	GOM_NL__2PRFIN20080529_055850_000000372069_00034_32653_3571.N1	29-MAY-2008 05:58:50	Bright	36.500	67	5Alp CrB	2.2210	11000.	73	32653	No
87	GOM_NL__2PRFIN20080529_060143_000000472069_00034_32653_3572.N1	29-MAY-2008 06:01:43	Bright	47.000	133	40Zet Her	2.8070	6000.0	94	32653	No
88	GOM_NL__2PRFIN20080529_060931_000000382069_00034_32653_3573.N1	29-MAY-2008 06:09:31	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	32653	No
89	GOM_NL__2PRFIN20080529_061203_000000382069_00034_32653_3574.N1	29-MAY-2008 06:12:03	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	32653	No
90	GOM_NL__2PRFIN20080529_062006_000000472069_00034_32653_3575.N1	29-MAY-2008 06:20:06	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	32653	No
91	GOM_NL__2PRFIN20080529_062448_000000522069_00034_32653_3576.N1	29-MAY-2008 06:24:48	Bright	52.000	76	27Gam Cas	2.3000	30000.	104	32653	No
92	GOM_NL__2PRFIN20080529_063226_000000422069_00034_32653_3577.N1	29-MAY-2008 06:32:26	Bright	41.500	53	43Bet And	2.0480	3300.0	83	32653	No
93	GOM_NL__2PRFIN20080529_063505_000000522069_00034_32653_3578.N1	29-MAY-2008 06:35:05	Tw_i_and_stray	52.000	58	21Alp And	2.0730	11000.	104	32653	No
94	GOM_NL__2PRFIN20080529_063951_000000452069_00034_32653_3579.N1	29-MAY-2008 06:39:51	Dark	45.000	140	88Gam Peg	2.8340	26000.	90	32653	No
95	GOM_NL__2PRFIN20080529_064847_000000472069_00034_32653_3580.N1	29-MAY-2008 06:48:47	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	32653	No
96	GOM_NL__2PRFIN20080529_065707_000000532069_00034_32653_3581.N1	29-MAY-2008 06:57:07	Dark	52.500	18	24Alp PsA	1.1660	9700.0	105	32653	No
97	GOM_NL__2PRFIN20080529_070040_000000612069_00035_32654_3604.N1	29-MAY-2008 07:00:40	Dark	61.000	63	Bet Gru	2.1500	2800.0	122	32654	No
98	GOM_NL__2PRFIN20080529_070229_000000452069_00035_32654_3605.N1	29-MAY-2008 07:02:29	Dark	44.500	31	Alp Gru	1.7340	15200.	89	32654	No
99	GOM_NL__2PRFIN20080529_070736_000000422069_00035_32654_3606.N1	29-MAY-2008 07:07:36	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	32654	No
100	GOM_NL__2PRFIN20080529_071358_000000422069_00035_32654_3607.N1	29-MAY-2008 07:13:58	Straylight	42.000	141	Bet Ara	2.8400	4600.0	84	32654	No
101	GOM_NL__2PRFIN20080529_071652_000000502069_00035_32654_3608.N1	29-MAY-2008 07:16:52	Straylight	49.500	40	The Sco	1.8590	7100.0	99	32654	No

102	GOM_NL__2PRFIN20080529_071841_000000482069_00035_32654_3609.N1	29-MAY-2008 07:18:41	Twilight	48.000	25	35Lam Sco	1.6200	28000.	96	32654	No
103	GOM_NL__2PRFIN20080529_072032_000000472069_00035_32654_3610.N1	29-MAY-2008 07:20:32	Twilight	46.500	75	26Eps Sco	2.2910	4250.0	93	32654	No
104	GOM_NL__2PRFIN20080529_072236_000000502069_00035_32654_3611.N1	29-MAY-2008 07:22:36	Bright	49.500	136	23Tau Sco	2.8220	30000.	99	32654	No
105	GOM_NL__2PRFIN20080529_072443_000000402069_00035_32654_3612.N1	29-MAY-2008 07:24:43	Bright	40.000	80	7Del Sco	2.3160	30000.	80	32654	No
106	GOM_NL__2PRFIN20080529_072619_000000472069_00035_32654_3613.N1	29-MAY-2008 07:26:19	Bright	46.500	86	35Eta Oph	2.4300	10200.	93	32654	No
107	GOM_NL__2PRFIN20080529_072813_000000422069_00035_32654_3614.N1	29-MAY-2008 07:28:13	Bright	42.000	98	13Zet Oph	2.5710	30000.	84	32654	No
108	GOM_NL__2PRFIN20080529_073026_000000412069_00035_32654_3615.N1	29-MAY-2008 07:30:26	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	32654	No
109	GOM_NL__2PRFIN20080529_073328_000000372069_00035_32654_3616.N1	29-MAY-2008 07:33:28	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	32654	No
110	GOM_NL__2PRFIN20080529_073926_000000382069_00035_32654_3617.N1	29-MAY-2008 07:39:26	Bright	38.000	67	5Alp CrB	2.2210	11000.	76	32654	No
111	GOM_NL__2PRFIN20080529_074219_000000452069_00035_32654_3618.N1	29-MAY-2008 07:42:19	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	32654	No
112	GOM_NL__2PRFIN20080529_075007_000000372069_00035_32654_3619.N1	29-MAY-2008 07:50:07	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	32654	No
113	GOM_NL__2PRFIN20080529_075239_000000372069_00035_32654_3620.N1	29-MAY-2008 07:52:39	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	32654	No
114	GOM_NL__2PRFIN20080529_080041_000000462069_00035_32654_3621.N1	29-MAY-2008 08:00:41	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	32654	No
115	GOM_NL__2PRFIN20080529_080524_000000352069_00035_32654_3622.N1	29-MAY-2008 08:05:24	Bright	34.500	76	27Gam Cas	2.3000	30000.	69	32654	No
116	GOM_NL__2PRFIN20080529_081302_000000412069_00035_32654_3623.N1	29-MAY-2008 08:13:02	Bright	41.000	53	43Bet And	2.0480	3300.0	82	32654	No
117	GOM_NL__2PRFIN20080529_081541_000000482069_00035_32654_3624.N1	29-MAY-2008 08:15:41	Twilight	48.000	58	21Alp And	2.0730	11000.	96	32654	No
118	GOM_NL__2PRFIN20080529_082028_000000502069_00035_32654_3625.N1	29-MAY-2008 08:20:28	Dark	49.500	140	88Gam Peg	2.8340	26000.	99	32654	No
119	GOM_NL__2PRFIN20080529_082924_000000472069_00035_32654_3626.N1	29-MAY-2008 08:29:24	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	32654	No
120	GOM_NL__2PRFIN20080529_083744_000000572069_00035_32654_3627.N1	29-MAY-2008 08:37:44	Dark	57.000	18	24Alp PsA	1.1660	9700.0	114	32654	No
121	GOM_NL__2PRFIN20080529_084116_000000602069_00036_32655_3576.N1	29-MAY-2008 08:41:16	Dark	60.000	63	Bet Gru	2.1500	2800.0	120	32655	No
122	GOM_NL__2PRFIN20080529_084306_000000462069_00036_32655_3577.N1	29-MAY-2008 08:43:06	Dark	45.500	31	Alp Gru	1.7340	15200.	91	32655	No
123	GOM_NL__2PRFIN20080529_084812_000000422069_00036_32655_3578.N1	29-MAY-2008 08:48:12	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	32655	No
124	GOM_NL__2PRFIN20080529_085435_000000422069_00036_32655_3579.N1	29-MAY-2008 08:54:35	Straylight	42.000	141	Bet Ara	2.8400	4600.0	84	32655	No
125	GOM_NL__2PRFIN20080529_085729_000000502069_00036_32655_3580.N1	29-MAY-2008 08:57:29	Straylight	50.000	40	The Sco	1.8590	7100.0	100	32655	No
126	GOM_NL__2PRFIN20080529_085917_000000472069_00036_32655_3581.N1	29-MAY-2008 08:59:17	Twilight	47.000	25	35Lam Sco	1.6200	28000.	94	32655	No
127	GOM_NL__2PRFIN20080529_090108_000000462069_00036_32655_3582.N1	29-MAY-2008 09:01:08	Twilight	46.000	75	26Eps Sco	2.2910	4250.0	92	32655	No
128	GOM_NL__2PRFIN20080529_090312_000000492069_00036_32655_3583.N1	29-MAY-2008 09:03:12	Bright	49.000	136	23Tau Sco	2.8220	30000.	98	32655	No
129	GOM_NL__2PRFIN20080529_090519_000000402069_00036_32655_3584.N1	29-MAY-2008 09:05:19	Bright	40.000	80	7Del Sco	2.3160	30000.	80	32655	No
130	GOM_NL__2PRFIN20080529_090655_000000472069_00036_32655_3585.N1	29-MAY-2008 09:06:55	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	32655	No
131	GOM_NL__2PRFIN20080529_090849_000000432069_00036_32655_3586.N1	29-MAY-2008 09:08:49	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	32655	No
132	GOM_NL__2PRFIN20080529_091102_000000412069_00036_32655_3587.N1	29-MAY-2008 09:11:02	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	32655	No
133	GOM_NL__2PRFIN20080529_091404_000000372069_00036_32655_3588.N1	29-MAY-2008 09:14:04	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	32655	No
134	GOM_NL__2PRFIN20080529_092001_000000382069_00036_32655_3589.N1	29-MAY-2008 09:20:01	Bright	38.000	67	5Alp CrB	2.2210	11000.	76	32655	No
135	GOM_NL__2PRFIN20080529_092254_000000462069_00036_32655_3590.N1	29-MAY-2008 09:22:54	Bright	46.000	133	40Zet Her	2.8070	6000.0	92	32655	No
136	GOM_NL__2PRFIN20080529_093043_000000392069_00036_32655_3591.N1	29-MAY-2008 09:30:43	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	32655	No
137	GOM_NL__2PRFIN20080529_093315_000000352069_00036_32655_3592.N1	29-MAY-2008 09:33:15	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	32655	No
138	GOM_NL__2PRFIN20080529_094116_000000452069_00036_32655_3593.N1	29-MAY-2008 09:41:16	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	32655	No
139	GOM_NL__2PRFIN20080529_094600_000000552069_00036_32655_3594.N1	29-MAY-2008 09:46:00	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	32655	No
140	GOM_NL__2PRFIN20080529_095338_000000422069_00036_32655_3595.N1	29-MAY-2008 09:53:38	Bright	41.500	53	43Bet And	2.0480	3300.0	83	32655	No
141	GOM_NL__2PRFIN20080529_095617_000000502069_00036_32655_3596.N1	29-MAY-2008 09:56:17	Twilight	49.500	58	21Alp And	2.0730	11000.	99	32655	No
142	GOM_NL__2PRFIN20080529_100104_000000492069_00036_32655_3597.N1	29-MAY-2008 10:01:04	Dark	49.000	140	88Gam Peg	2.8340	26000.	98	32655	No
143	GOM_NL__2PRFIN20080529_101000_000000472069_00036_32655_3598.N1	29-MAY-2008 10:10:00	Dark	47.000	52	16Bet Cet	2.0370	4500.0	94	32655	No
144	GOM_NL__2PRFIN20080529_101821_000000562069_00036_32655_3599.N1	29-MAY-2008 10:18:21	Dark	56.000	18	24Alp PsA	1.1660	9700.0	112	32655	No
145	GOM_NL__2PRFIN20080529_102153_000000472069_00037_32656_3606.N1	29-MAY-2008 10:21:53	Dark	47.000	63	Bet Gru	2.1500	2800.0	94	32656	No
146	GOM_NL__2PRFIN20080529_102343_000000472069_00037_32656_3607.N1	29-MAY-2008 10:23:43	Dark	46.500	31	Alp Gru	1.7340	15200.	93	32656	No
147	GOM_NL__2PRFIN20080529_102849_000000422069_00037_32656_3608.N1	29-MAY-2008 10:28:49	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	32656	No
148	GOM_NL__2PRFIN20080529_103511_000000402069_00037_32656_3609.N1	29-MAY-2008 10:35:11	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	32656	No
149	GOM_NL__2PRFIN20080529_103805_000000462069_00037_32656_3610.N1	29-MAY-2008 10:38:05	Straylight	46.000	40	The Sco	1.8590	7100.0	92	32656	No
150	GOM_NL__2PRFIN20080529_103954_000000492069_00037_32656_3611.N1	29-MAY-2008 10:39:54	Twilight	49.000	25	35Lam Sco	1.6200	28000.	98	32656	No
151	GOM_NL__2PRFIN20080529_104144_000000482069_00037_32656_3612.N1	29-MAY-2008 10:41:44	Twilight	47.500	75	26Eps Sco	2.2910	4250.0	95	32656	No
152	GOM_NL__2PRFIN20080529_104348_000000422069_00037_32656_3613.N1	29-MAY-2008 10:43:48	Bright	41.500	136	23Tau Sco	2.8220	30000.	83	32656	No
153	GOM_NL__2PRFIN20080529_104556_000000402069_00037_32656_3614.N1	29-MAY-2008 10:45:56	Bright	39.500	80	7Del Sco	2.3160	30000.	79	32656	No
154	GOM_NL__2PRFIN20080529_104731_000000462069_00037_32656_3615.N1	29-MAY-2008 10:47:31	Bright	46.000	86	35Eta Oph	2.4300	10200.	92	32656	No
155	GOM_NL__2PRFIN20080529_104925_000000422069_00037_32656_3616.N1	29-MAY-2008 10:49:25	Bright	41.500	98	13Zet Oph	2.5710	30000.	83	32656	No
156	GOM_NL__2PRFIN20080529_105138_000000412069_00037_32656_3617.N1	29-MAY-2008 10:51:38	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	32656	No
157	GOM_NL__2PRFIN20080529_105440_000000382069_00037_32656_3618.N1	29-MAY-2008 10:54:40	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	32656	No
158	GOM_NL__2PRFIN20080529_110037_000000392069_00037_32656_3619.N1	29-MAY-2008 11:00:37	Bright	38.500	67	5Alp CrB	2.2210	11000.	77	32656	No
159	GOM_NL__2PRFIN20080529_110329_000000452069_00037_32656_3620.N1	29-MAY-2008 11:03:29	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	32656	No
160	GOM_NL__2PRFIN20080529_111118_000000382069_00037_32656_3621.N1	29-MAY-2008 11:11:18	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	32656	No

161	GOM_NL__2PRFIN20080529_111351_000000372069_00037_32656_3622.N1	29-MAY-2008 11:13:51	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	32656	No
162	GOM_NL__2PRFIN20080529_112151_000000462069_00037_32656_3623.N1	29-MAY-2008 11:21:51	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	32656	No
163	GOM_NL__2PRFIN20080529_112635_000000352069_00037_32656_3624.N1	29-MAY-2008 11:26:35	Bright	35.000	76	27Gam Cas	2.3000	30000.	70	32656	No
164	GOM_NL__2PRFIN20080529_113414_000000412069_00037_32656_3625.N1	29-MAY-2008 11:34:14	Bright	41.000	53	43Bet And	2.0480	3300.0	82	32656	No
165	GOM_NL__2PRFIN20080529_113653_000000502069_00037_32656_3626.N1	29-MAY-2008 11:36:53	Tw_i_and_stray	50.000	58	21Alp And	2.0730	11000.	100	32656	No
166	GOM_NL__2PRFIN20080529_114140_000000482069_00037_32656_3627.N1	29-MAY-2008 11:41:40	Dark	47.500	140	88Gam Peg	2.8340	26000.	95	32656	No
167	GOM_NL__2PRFIN20080529_115037_000000472069_00037_32656_3628.N1	29-MAY-2008 11:50:37	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	32656	No
168	GOM_NL__2PRFIN20080529_115858_000000562069_00037_32656_3629.N1	29-MAY-2008 11:58:58	Dark	56.000	18	24Alp PsA	1.1660	9700.0	112	32656	No
169	GOM_NL__2PRFIN20080529_120230_000000482069_00038_32657_3598.N1	29-MAY-2008 12:02:30	Dark	47.500	63	Bet Gru	2.1500	2800.0	95	32657	No
170	GOM_NL__2PRFIN20080529_120420_000000462069_00038_32657_3599.N1	29-MAY-2008 12:04:20	Dark	46.000	31	Alp Gru	1.7340	15200.	92	32657	No
171	GOM_NL__2PRFIN20080529_120926_000000422069_00038_32657_3600.N1	29-MAY-2008 12:09:26	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	32657	No
172	GOM_NL__2PRFIN20080529_121547_000000412069_00038_32657_3601.N1	29-MAY-2008 12:15:47	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	32657	No
173	GOM_NL__2PRFIN20080529_121841_000000442069_00038_32657_3602.N1	29-MAY-2008 12:18:41	Straylight	43.500	40	The Sco	1.8590	7100.0	87	32657	No
174	GOM_NL__2PRFIN20080529_122030_000000502069_00038_32657_3603.N1	29-MAY-2008 12:20:30	Tw_i_and_stray	50.000	25	35Lam Sco	1.6200	28000.	100	32657	No
175	GOM_NL__2PRFIN20080529_122220_000000452069_00038_32657_3604.N1	29-MAY-2008 12:22:20	Tw_i_and_stray	45.000	75	26Eps Sco	2.2910	4250.0	90	32657	No
176	GOM_NL__2PRFIN20080529_122424_000000412069_00038_32657_3605.N1	29-MAY-2008 12:24:24	Bright	41.000	136	23Tau Sco	2.8220	30000.	82	32657	No
177	GOM_NL__2PRFIN20080529_122632_000000412069_00038_32657_3606.N1	29-MAY-2008 12:26:32	Bright	40.500	80	7Del Sco	2.3160	30000.	81	32657	No
178	GOM_NL__2PRFIN20080529_122807_000000472069_00038_32657_3607.N1	29-MAY-2008 12:28:07	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	32657	No
179	GOM_NL__2PRFIN20080529_123001_000000412069_00038_32657_3608.N1	29-MAY-2008 12:30:01	Bright	41.000	98	13Zet Oph	2.5710	30000.	82	32657	No
180	GOM_NL__2PRFIN20080529_123214_000000412069_00038_32657_3609.N1	29-MAY-2008 12:32:14	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	32657	No
181	GOM_NL__2PRFIN20080529_123515_000000372069_00038_32657_3610.N1	29-MAY-2008 12:35:15	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	32657	No
182	GOM_NL__2PRFIN20080529_124113_000000362069_00038_32657_3611.N1	29-MAY-2008 12:41:13	Bright	36.000	67	5Alp CrB	2.2210	11000.	72	32657	No
183	GOM_NL__2PRFIN20080529_124405_000000452069_00038_32657_3612.N1	29-MAY-2008 12:44:05	Bright	45.000	133	40Zet Her	2.8070	6000.0	90	32657	No
184	GOM_NL__2PRFIN20080529_125154_000000382069_00038_32657_3613.N1	29-MAY-2008 12:51:54	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	32657	No
185	GOM_NL__2PRFIN20080529_125426_000000382069_00038_32657_3614.N1	29-MAY-2008 12:54:26	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	32657	No
186	GOM_NL__2PRFIN20080529_130227_000000462069_00038_32657_3615.N1	29-MAY-2008 13:02:27	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	32657	No
187	GOM_NL__2PRFIN20080529_130711_000000412069_00038_32657_3616.N1	29-MAY-2008 13:07:11	Bright	40.500	76	27Gam Cas	2.3000	30000.	81	32657	No
188	GOM_NL__2PRFIN20080529_131450_000000402069_00038_32657_3617.N1	29-MAY-2008 13:14:50	Bright	40.000	53	43Bet And	2.0480	3300.0	80	32657	No
189	GOM_NL__2PRFIN20080529_131729_000000522069_00038_32657_3618.N1	29-MAY-2008 13:17:29	Tw_i_and_stray	51.500	58	21Alp And	2.0730	11000.	103	32657	No
190	GOM_NL__2PRFIN20080529_132217_000000502069_00038_32657_3619.N1	29-MAY-2008 13:22:17	Dark	49.500	140	88Gam Peg	2.8340	26000.	99	32657	No
191	GOM_NL__2PRFIN20080529_133113_000000452069_00038_32657_3620.N1	29-MAY-2008 13:31:13	Dark	45.000	52	16Bet Cet	2.0370	4500.0	90	32657	No
192	GOM_NL__2PRFIN20080529_133936_000000532069_00038_32657_3621.N1	29-MAY-2008 13:39:36	Dark	53.000	18	24Alp PsA	1.1660	9700.0	106	32657	No
193	GOM_NL__2PRFIN20080529_134307_000000482069_00039_32658_3638.N1	29-MAY-2008 13:43:07	Dark	48.000	63	Bet Gru	2.1500	2800.0	96	32658	No
194	GOM_NL__2PRFIN20080529_134456_000000462069_00039_32658_3639.N1	29-MAY-2008 13:44:56	Dark	45.500	31	Alp Gru	1.7340	15200.	91	32658	No
195	GOM_NL__2PRFIN20080529_135002_000000422069_00039_32658_3640.N1	29-MAY-2008 13:50:02	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	32658	No
196	GOM_NL__2PRFIN20080529_135623_000000402069_00039_32658_3641.N1	29-MAY-2008 13:56:23	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	32658	No
197	GOM_NL__2PRFIN20080529_135918_000000482069_00039_32658_3642.N1	29-MAY-2008 13:59:18	Straylight	47.500	40	The Sco	1.8590	7100.0	95	32658	No
198	GOM_NL__2PRFIN20080529_140106_000000452069_00039_32658_3643.N1	29-MAY-2008 14:01:06	Tw_i_and_stray	45.000	25	35Lam Sco	1.6200	28000.	90	32658	No
199	GOM_NL__2PRFIN20080529_140256_000000462069_00039_32658_3644.N1	29-MAY-2008 14:02:56	Tw_i_and_stray	46.000	75	26Eps Sco	2.2910	4250.0	92	32658	No
200	GOM_NL__2PRFIN20080529_140501_000000412069_00039_32658_3645.N1	29-MAY-2008 14:05:01	Bright	40.500	136	23Tau Sco	2.8220	30000.	81	32658	No
201	GOM_NL__2PRFIN20080529_140708_000000402069_00039_32658_3646.N1	29-MAY-2008 14:07:08	Bright	40.000	80	7Del Sco	2.3160	30000.	80	32658	No
202	GOM_NL__2PRFIN20080529_140843_000000472069_00039_32658_3647.N1	29-MAY-2008 14:08:43	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	32658	No
203	GOM_NL__2PRFIN20080529_141037_000000412069_00039_32658_3648.N1	29-MAY-2008 14:10:37	Bright	40.500	98	13Zet Oph	2.5710	30000.	81	32658	No
204	GOM_NL__2PRFIN20080529_141250_000000412069_00039_32658_3649.N1	29-MAY-2008 14:12:50	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	32658	No
205	GOM_NL__2PRFIN20080529_141551_000000382069_00039_32658_3650.N1	29-MAY-2008 14:15:51	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	32658	No
206	GOM_NL__2PRFIN20080529_142149_000000382069_00039_32658_3651.N1	29-MAY-2008 14:21:49	Bright	37.500	67	5Alp CrB	2.2210	11000.	75	32658	No
207	GOM_NL__2PRFIN20080529_142440_000000462069_00039_32658_3652.N1	29-MAY-2008 14:24:40	Bright	45.500	133	40Zet Her	2.8070	6000.0	91	32658	No
208	GOM_NL__2PRFIN20080529_143229_000000372069_00039_32658_3653.N1	29-MAY-2008 14:32:29	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	32658	No
209	GOM_NL__2PRFIN20080529_143502_000000372069_00039_32658_3654.N1	29-MAY-2008 14:35:02	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	32658	No
210	GOM_NL__2PRFIN20080529_144302_000000632069_00039_32658_3655.N1	29-MAY-2008 14:43:02	Bright	63.000	89	5Alp Cep	2.4510	8000.0	126	32658	No
211	GOM_NL__2PRFIN20080529_144747_000000372069_00039_32658_3656.N1	29-MAY-2008 14:47:47	Bright	36.500	76	27Gam Cas	2.3000	30000.	73	32658	No
212	GOM_NL__2PRFIN20080529_145526_000000412069_00039_32658_3657.N1	29-MAY-2008 14:55:26	Bright	40.500	53	43Bet And	2.0480	3300.0	81	32658	No
213	GOM_NL__2PRFIN20080529_145805_000000522069_00039_32658_3658.N1	29-MAY-2008 14:58:05	Tw_i_and_stray	52.000	58	21Alp And	2.0730	11000.	104	32658	No
214	GOM_NL__2PRFIN20080529_150253_000000492069_00039_32658_3659.N1	29-MAY-2008 15:02:53	Dark	48.500	140	88Gam Peg	2.8340	26000.	97	32658	No
215	GOM_NL__2PRFIN20080529_151150_000000462069_00039_32658_3660.N1	29-MAY-2008 15:11:50	Dark	45.500	52	16Bet Cet	2.0370	4500.0	91	32658	No
216	GOM_NL__2PRFIN20080529_152013_000000602069_00039_32658_3661.N1	29-MAY-2008 15:20:13	Dark	59.500	18	24Alp PsA	1.1660	9700.0	119	32658	No
217	GOM_NL__2PRFIN20080529_152343_000000532069_00040_32659_3639.N1	29-MAY-2008 15:23:43	Dark	52.500	63	Bet Gru	2.1500	2800.0	105	32659	No
218	GOM_NL__2PRFIN20080529_152533_000000472069_00040_32659_3640.N1	29-MAY-2008 15:25:33	Dark	46.500	31	Alp Gru	1.7340	15200.	93	32659	No
219	GOM_NL__2PRFIN20080529_153039_000000432069_00040_32659_3641.N1	29-MAY-2008 15:30:39	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	32659	No

220	GOM_NL__2PRFIN20080529_153700_000000402069_00040_32659_3642.N1	29-MAY-2008 15:37:00	Straylight	39.500	141	Bet Ara	2.8400	4600.0	79	32659	No
221	GOM_NL__2PRFIN20080529_153954_000000472069_00040_32659_3643.N1	29-MAY-2008 15:39:54	Straylight	46.500	40	The Sco	1.8590	7100.0	93	32659	No
222	GOM_NL__2PRFIN20080529_154143_000000472069_00040_32659_3644.N1	29-MAY-2008 15:41:43	TwI_and_stray	46.500	25	35Lam Sco	1.6200	28000.	93	32659	No
223	GOM_NL__2PRFIN20080529_154333_000000462069_00040_32659_3645.N1	29-MAY-2008 15:43:33	TwI_and_stray	46.000	75	26Eps Sco	2.2910	4250.0	92	32659	No
224	GOM_NL__2PRFIN20080529_154537_000000432069_00040_32659_3646.N1	29-MAY-2008 15:45:37	Bright	42.500	136	23Tau Sco	2.8220	30000.	85	32659	No
225	GOM_NL__2PRFIN20080529_154744_000000392069_00040_32659_3647.N1	29-MAY-2008 15:47:44	Bright	39.000	80	7Del Sco	2.3160	30000.	78	32659	No
226	GOM_NL__2PRFIN20080529_154919_000000472069_00040_32659_3648.N1	29-MAY-2008 15:49:19	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	32659	No
227	GOM_NL__2PRFIN20080529_155113_000000412069_00040_32659_3649.N1	29-MAY-2008 15:51:13	Bright	41.000	98	13Zet Oph	2.5710	30000.	82	32659	No
228	GOM_NL__2PRFIN20080529_155326_000000402069_00040_32659_3650.N1	29-MAY-2008 15:53:26	Bright	40.000	120	1Del Oph	2.7340	3200.0	80	32659	No
229	GOM_NL__2PRFIN20080529_155627_000000382069_00040_32659_3651.N1	29-MAY-2008 15:56:27	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	32659	No
230	GOM_NL__2PRFIN20080529_160224_000000382069_00040_32659_3652.N1	29-MAY-2008 16:02:24	Bright	37.500	67	5Alp CrB	2.2210	11000.	75	32659	No
231	GOM_NL__2PRFIN20080529_160516_000000422069_00040_32659_3653.N1	29-MAY-2008 16:05:16	Bright	42.000	133	40Zet Her	2.8070	6000.0	84	32659	No
232	GOM_NL__2PRFIN20080529_161305_000000402069_00040_32659_3654.N1	29-MAY-2008 16:13:05	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	32659	No
233	GOM_NL__2PRFIN20080529_161538_000000352069_00040_32659_3655.N1	29-MAY-2008 16:15:38	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	32659	No
234	GOM_NL__2PRFIN20080529_162338_000000562069_00040_32659_3656.N1	29-MAY-2008 16:23:38	Bright	56.000	89	5Alp Cep	2.4510	8000.0	112	32659	No
235	GOM_NL__2PRFIN20080529_162823_000000372069_00040_32659_3657.N1	29-MAY-2008 16:28:23	Bright	37.000	76	27Gam Cas	2.3000	30000.	74	32659	No
236	GOM_NL__2PRFIN20080529_163602_000000402069_00040_32659_3658.N1	29-MAY-2008 16:36:02	Bright	40.000	53	43Bet And	2.0480	3300.0	80	32659	No
237	GOM_NL__2PRFIN20080529_163841_000000522069_00040_32659_3659.N1	29-MAY-2008 16:38:41	TwI_and_stray	52.000	58	21Alp And	2.0730	11000.	104	32659	No
238	GOM_NL__2PRFIN20080529_164330_000000502069_00040_32659_3660.N1	29-MAY-2008 16:43:30	Dark	50.000	140	88Gam Peg	2.8340	26000.	100	32659	No
239	GOM_NL__2PRFIN20080529_165226_000000462069_00040_32659_3661.N1	29-MAY-2008 16:52:26	Dark	45.500	52	16Bet Cet	2.0370	4500.0	91	32659	No
240	GOM_NL__2PRFIN20080529_170050_000000512069_00040_32659_3662.N1	29-MAY-2008 17:00:50	Dark	51.000	18	24Alp PsA	1.1660	9700.0	102	32659	No
241	GOM_NL__2PRFIN20080529_170420_000000462069_00041_32660_3648.N1	29-MAY-2008 17:04:20	Dark	46.000	63	Bet Gru	2.1500	2800.0	92	32660	No
242	GOM_NL__2PRFIN20080529_170610_000000442069_00041_32660_3649.N1	29-MAY-2008 17:06:10	Dark	44.000	31	Alp Gru	1.7340	15200.	88	32660	No
243	GOM_NL__2PRFIN20080529_171116_000000412069_00041_32660_3650.N1	29-MAY-2008 17:11:16	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	32660	No
244	GOM_NL__2PRFIN20080529_171736_000000382069_00041_32660_3651.N1	29-MAY-2008 17:17:36	Straylight	38.000	141	Bet Ara	2.8400	4600.0	76	32660	No
245	GOM_NL__2PRFIN20080529_172030_000000472069_00041_32660_3652.N1	29-MAY-2008 17:20:30	Straylight	47.000	40	The Sco	1.8590	7100.0	94	32660	No
246	GOM_NL__2PRFIN20080529_172219_000000492069_00041_32660_3653.N1	29-MAY-2008 17:22:19	TwI_and_stray	48.500	25	35Lam Sco	1.6200	28000.	97	32660	No
247	GOM_NL__2PRFIN20080529_172409_000000422069_00041_32660_3654.N1	29-MAY-2008 17:24:09	TwI_and_stray	42.000	75	26Eps Sco	2.2910	4250.0	84	32660	No
248	GOM_NL__2PRFIN20080529_172613_000000442069_00041_32660_3655.N1	29-MAY-2008 17:26:13	Bright	44.000	136	23Tau Sco	2.8220	30000.	88	32660	No
249	GOM_NL__2PRFIN20080529_172820_000000402069_00041_32660_3656.N1	29-MAY-2008 17:28:20	Bright	39.500	80	7Del Sco	2.3160	30000.	79	32660	No
250	GOM_NL__2PRFIN20080529_172955_000000452069_00041_32660_3657.N1	29-MAY-2008 17:29:55	Bright	45.000	86	35Eta Oph	2.4300	10200.	90	32660	No
251	GOM_NL__2PRFIN20080529_173149_000000412069_00041_32660_3658.N1	29-MAY-2008 17:31:49	Bright	40.500	98	13Zet Oph	2.5710	30000.	81	32660	No
252	GOM_NL__2PRFIN20080529_173402_000000402069_00041_32660_3659.N1	29-MAY-2008 17:34:02	Bright	40.000	120	1Del Oph	2.7340	3200.0	80	32660	No
253	GOM_NL__2PRFIN20080529_173703_000000382069_00041_32660_3660.N1	29-MAY-2008 17:37:03	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	32660	No
254	GOM_NL__2PRFIN20080529_174300_000000372069_00041_32660_3661.N1	29-MAY-2008 17:43:00	Bright	37.000	67	5Alp CrB	2.2210	11000.	74	32660	No
255	GOM_NL__2PRFIN20080529_174551_000000432069_00041_32660_3662.N1	29-MAY-2008 17:45:51	Bright	42.500	133	40Zet Her	2.8070	6000.0	85	32660	No
256	GOM_NL__2PRFIN20080529_175341_000000392069_00041_32660_3663.N1	29-MAY-2008 17:53:41	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	32660	No
257	GOM_NL__2PRFIN20080529_175614_000000362069_00041_32660_3664.N1	29-MAY-2008 17:56:14	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	32660	No
258	GOM_NL__2PRFIN20080529_180413_000000472069_00041_32660_3665.N1	29-MAY-2008 18:04:13	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	32660	No
259	GOM_NL__2PRFIN20080529_180859_000000552069_00041_32660_3666.N1	29-MAY-2008 18:08:59	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	32660	No
260	GOM_NL__2PRFIN20080529_181638_000000422069_00041_32660_3667.N1	29-MAY-2008 18:16:38	Bright	41.500	53	43Bet And	2.0480	3300.0	83	32660	No
261	GOM_NL__2PRFIN20080529_181918_000000552069_00041_32660_3668.N1	29-MAY-2008 18:19:18	TwI_and_stray	55.000	58	21Alp And	2.0730	11000.	110	32660	No
262	GOM_NL__2PRFIN20080529_182406_000000482069_00041_32660_3669.N1	29-MAY-2008 18:24:06	Dark	48.000	140	88Gam Peg	2.8340	26000.	96	32660	No
263	GOM_NL__2PRFIN20080529_183303_000000472069_00041_32660_3670.N1	29-MAY-2008 18:33:03	Dark	47.000	52	16Bet Cet	2.0370	4500.0	94	32660	No
264	GOM_NL__2PRFIN20080529_184127_000000542069_00041_32660_3671.N1	29-MAY-2008 18:41:27	Dark	54.000	18	24Alp PsA	1.1660	9700.0	108	32660	No
265	GOM_NL__2PRFIN20080529_184457_000000462069_00042_32661_3681.N1	29-MAY-2008 18:44:57	Dark	46.000	63	Bet Gru	2.1500	2800.0	92	32661	No
266	GOM_NL__2PRFIN20080529_184647_000000472069_00042_32661_3682.N1	29-MAY-2008 18:46:47	Dark	47.000	31	Alp Gru	1.7340	15200.	94	32661	No
267	GOM_NL__2PRFIN20080529_185152_000000432069_00042_32661_3683.N1	29-MAY-2008 18:51:52	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	32661	No
268	GOM_NL__2PRFIN20080529_185812_000000392069_00042_32661_3684.N1	29-MAY-2008 18:58:12	Straylight	38.500	141	Bet Ara	2.8400	4600.0	77	32661	No
269	GOM_NL__2PRFIN20080529_190107_000000522069_00042_32661_3685.N1	29-MAY-2008 19:01:07	Straylight	52.000	40	The Sco	1.8590	7100.0	104	32661	No
270	GOM_NL__2PRFIN20080529_190256_000000462069_00042_32661_3686.N1	29-MAY-2008 19:02:56	TwI_and_stray	45.500	25	35Lam Sco	1.6200	28000.	91	32661	No
271	GOM_NL__2PRFIN20080529_190445_000000492069_00042_32661_3687.N1	29-MAY-2008 19:04:45	TwI_and_stray	48.500	75	26Eps Sco	2.2910	4250.0	97	32661	No
272	GOM_NL__2PRFIN20080529_190649_000000432069_00042_32661_3688.N1	29-MAY-2008 19:06:49	Bright	42.500	136	23Tau Sco	2.8220	30000.	85	32661	No
273	GOM_NL__2PRFIN20080529_190856_000000402069_00042_32661_3689.N1	29-MAY-2008 19:08:56	Bright	40.000	80	7Del Sco	2.3160	30000.	80	32661	No
274	GOM_NL__2PRFIN20080529_191032_000000472069_00042_32661_3690.N1	29-MAY-2008 19:10:32	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	32661	No
275	GOM_NL__2PRFIN20080529_191225_000000422069_00042_32661_3691.N1	29-MAY-2008 19:12:25	Bright	42.000	98	13Zet Oph	2.5710	30000.	84	32661	No
276	GOM_NL__2PRFIN20080529_191438_000000412069_00042_32661_3692.N1	29-MAY-2008 19:14:38	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	32661	No
277	GOM_NL__2PRFIN20080529_191739_000000372069_00042_32661_3693.N1	29-MAY-2008 19:17:39	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	32661	No
278	GOM_NL__2PRFIN20080529_192336_000000382069_00042_32661_3694.N1	29-MAY-2008 19:23:36	Bright	38.000	67	5Alp CrB	2.2210	11000.	76	32661	No

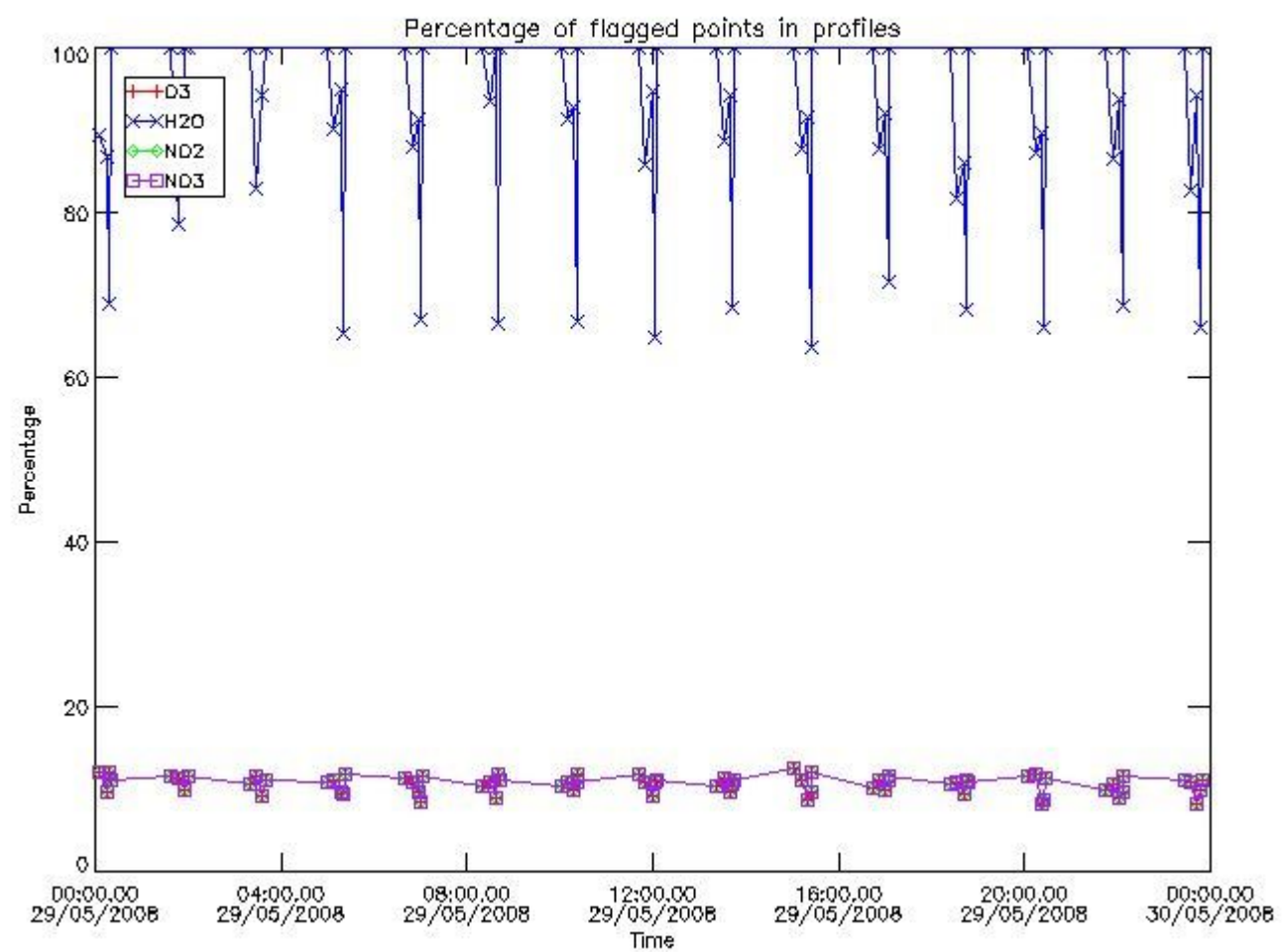
279	GOM_NL__2PRFIN20080529_192626_000000432069_00042_32661_3695.N1	29-MAY-2008 19:26:26	Bright	43.000	133	40Zet Her	2.8070	6000.0	86	32661	No
280	GOM_NL__2PRFIN20080529_193416_000000382069_00042_32661_3696.N1	29-MAY-2008 19:34:16	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	32661	No
281	GOM_NL__2PRFIN20080529_193650_000000372069_00042_32661_3697.N1	29-MAY-2008 19:36:50	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	32661	No
282	GOM_NL__2PRFIN20080529_194448_000000462069_00042_32661_3698.N1	29-MAY-2008 19:44:48	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	32661	No
283	GOM_NL__2PRFIN20080529_194935_000000472069_00042_32661_3699.N1	29-MAY-2008 19:49:35	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	32661	No
284	GOM_NL__2PRFIN20080529_195714_000000422069_00042_32661_3700.N1	29-MAY-2008 19:57:14	Bright	41.500	53	43Bet And	2.0480	3300.0	83	32661	No
285	GOM_NL__2PRFIN20080529_195954_000000542069_00042_32661_3701.N1	29-MAY-2008 19:59:54	Twilight	53.500	58	21Alp And	2.0730	11000.	107	32661	No
286	GOM_NL__2PRFIN20080529_200442_000000492069_00042_32661_3702.N1	29-MAY-2008 20:04:42	Dark	48.500	140	88Gam Peg	2.8340	26000.	97	32661	No
287	GOM_NL__2PRFIN20080529_201339_000000472069_00042_32661_3703.N1	29-MAY-2008 20:13:39	Dark	47.000	52	16Bet Cet	2.0370	4500.0	94	32661	No
288	GOM_NL__2PRFIN20080529_202204_000000632069_00042_32661_3704.N1	29-MAY-2008 20:22:04	Dark	63.000	18	24Alp PsA	1.1660	9700.0	126	32661	No
289	GOM_NL__2PRFIN20080529_202534_000000582069_00043_32662_3672.N1	29-MAY-2008 20:25:34	Dark	58.000	63	Bet Gru	2.1500	2800.0	116	32662	No
290	GOM_NL__2PRFIN20080529_202724_000000452069_00043_32662_3673.N1	29-MAY-2008 20:27:24	Dark	45.000	31	Alp Gru	1.7340	15200.	90	32662	No
291	GOM_NL__2PRFIN20080529_203229_000000422069_00043_32662_3674.N1	29-MAY-2008 20:32:29	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	32662	No
292	GOM_NL__2PRFIN20080529_203849_000000442069_00043_32662_3675.N1	29-MAY-2008 20:38:49	Straylight	44.000	141	Bet Ara	2.8400	4600.0	88	32662	No
293	GOM_NL__2PRFIN20080529_204143_000000432069_00043_32662_3676.N1	29-MAY-2008 20:41:43	Straylight	43.000	40	The Sco	1.8590	7100.0	86	32662	No
294	GOM_NL__2PRFIN20080529_204332_000000502069_00043_32662_3677.N1	29-MAY-2008 20:43:32	Twilight	49.500	25	35Lam Sco	1.6200	28000.	99	32662	No
295	GOM_NL__2PRFIN20080529_204521_000000472069_00043_32662_3678.N1	29-MAY-2008 20:45:21	Twilight	46.500	75	26Eps Sco	2.2910	4250.0	93	32662	No
296	GOM_NL__2PRFIN20080529_204725_000000422069_00043_32662_3679.N1	29-MAY-2008 20:47:25	Bright	42.000	136	23Tau Sco	2.8220	30000.	84	32662	No
297	GOM_NL__2PRFIN20080529_204932_000000392069_00043_32662_3680.N1	29-MAY-2008 20:49:32	Bright	39.000	80	7Del Sco	2.3160	30000.	78	32662	No
298	GOM_NL__2PRFIN20080529_205107_000000462069_00043_32662_3681.N1	29-MAY-2008 20:51:07	Bright	46.000	86	35Eta Oph	2.4300	10200.	92	32662	No
299	GOM_NL__2PRFIN20080529_205301_000000422069_00043_32662_3682.N1	29-MAY-2008 20:53:01	Bright	42.000	98	13Zet Oph	2.5710	30000.	84	32662	No
300	GOM_NL__2PRFIN20080529_205514_000000412069_00043_32662_3683.N1	29-MAY-2008 20:55:14	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	32662	No
301	GOM_NL__2PRFIN20080529_205815_000000372069_00043_32662_3684.N1	29-MAY-2008 20:58:15	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	32662	No
302	GOM_NL__2PRFIN20080529_210412_000000382069_00043_32662_3685.N1	29-MAY-2008 21:04:12	Bright	38.000	67	5Alp CrB	2.2210	11000.	76	32662	No
303	GOM_NL__2PRFIN20080529_210702_000000452069_00043_32662_3686.N1	29-MAY-2008 21:07:02	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	32662	No
304	GOM_NL__2PRFIN20080529_211452_000000402069_00043_32662_3687.N1	29-MAY-2008 21:14:52	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	32662	No
305	GOM_NL__2PRFIN20080529_211726_000000382069_00043_32662_3688.N1	29-MAY-2008 21:17:26	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	32662	No
306	GOM_NL__2PRFIN20080529_212524_000000462069_00043_32662_3689.N1	29-MAY-2008 21:25:24	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	32662	No
307	GOM_NL__2PRFIN20080529_213011_000000352069_00043_32662_3690.N1	29-MAY-2008 21:30:11	Bright	35.000	76	27Gam Cas	2.3000	30000.	70	32662	No
308	GOM_NL__2PRFIN20080529_213751_000000432069_00043_32662_3691.N1	29-MAY-2008 21:37:51	Bright	42.500	53	43Bet And	2.0480	3300.0	85	32662	No
309	GOM_NL__2PRFIN20080529_214030_000000512069_00043_32662_3692.N1	29-MAY-2008 21:40:30	Twilight	50.500	58	21Alp And	2.0730	11000.	101	32662	No
310	GOM_NL__2PRFIN20080529_214519_000000512069_00043_32662_3693.N1	29-MAY-2008 21:45:19	Dark	51.000	140	88Gam Peg	2.8340	26000.	102	32662	No
311	GOM_NL__2PRFIN20080529_215416_000000492069_00043_32662_3694.N1	29-MAY-2008 21:54:16	Dark	48.500	52	16Bet Cet	2.0370	4500.0	97	32662	No
312	GOM_NL__2PRFIN20080529_220241_000000572069_00043_32662_3695.N1	29-MAY-2008 22:02:41	Dark	56.500	18	24Alp PsA	1.1660	9700.0	113	32662	No
313	GOM_NL__2PRFIN20080529_220610_000000532069_00044_32663_3680.N1	29-MAY-2008 22:06:10	Dark	53.000	63	Bet Gru	2.1500	2800.0	106	32663	No
314	GOM_NL__2PRFIN20080529_220801_000000452069_00044_32663_3681.N1	29-MAY-2008 22:08:01	Dark	44.500	31	Alp Gru	1.7340	15200.	89	32663	No
315	GOM_NL__2PRFIN20080529_221305_000000432069_00044_32663_3682.N1	29-MAY-2008 22:13:05	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	32663	No
316	GOM_NL__2PRFIN20080529_221925_000000392069_00044_32663_3683.N1	29-MAY-2008 22:19:25	Straylight	39.000	141	Bet Ara	2.8400	4600.0	78	32663	No
317	GOM_NL__2PRFIN20080529_222220_000000422069_00044_32663_3684.N1	29-MAY-2008 22:22:20	Straylight	42.000	40	The Sco	1.8590	7100.0	84	32663	No
318	GOM_NL__2PRFIN20080529_222408_000000472069_00044_32663_3685.N1	29-MAY-2008 22:24:08	Twilight	46.500	25	35Lam Sco	1.6200	28000.	93	32663	No
319	GOM_NL__2PRFIN20080529_222558_000000442069_00044_32663_3686.N1	29-MAY-2008 22:25:58	Twilight	44.000	75	26Eps Sco	2.2910	4250.0	88	32663	No
320	GOM_NL__2PRFIN20080529_222802_000000472069_00044_32663_3687.N1	29-MAY-2008 22:28:02	Bright	46.500	136	23Tau Sco	2.8220	30000.	93	32663	No
321	GOM_NL__2PRFIN20080529_223008_000000402069_00044_32663_3688.N1	29-MAY-2008 22:30:08	Bright	40.000	80	7Del Sco	2.3160	30000.	80	32663	No
322	GOM_NL__2PRFIN20080529_223143_000000472069_00044_32663_3689.N1	29-MAY-2008 22:31:43	Bright	46.500	86	35Eta Oph	2.4300	10200.	93	32663	No
323	GOM_NL__2PRFIN20080529_223337_000000422069_00044_32663_3690.N1	29-MAY-2008 22:33:37	Bright	42.000	98	13Zet Oph	2.5710	30000.	84	32663	No
324	GOM_NL__2PRFIN20080529_223549_000000412069_00044_32663_3691.N1	29-MAY-2008 22:35:49	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	32663	No
325	GOM_NL__2PRFIN20080529_223851_000000372069_00044_32663_3692.N1	29-MAY-2008 22:38:51	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	32663	No
326	GOM_NL__2PRFIN20080529_224447_000000372069_00044_32663_3693.N1	29-MAY-2008 22:44:47	Bright	37.000	67	5Alp CrB	2.2210	11000.	74	32663	No
327	GOM_NL__2PRFIN20080529_224737_000000432069_00044_32663_3694.N1	29-MAY-2008 22:47:37	Bright	43.000	133	40Zet Her	2.8070	6000.0	86	32663	No
328	GOM_NL__2PRFIN20080529_225528_000000382069_00044_32663_3695.N1	29-MAY-2008 22:55:28	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	32663	No
329	GOM_NL__2PRFIN20080529_225802_000000372069_00044_32663_3696.N1	29-MAY-2008 22:58:02	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	32663	No
330	GOM_NL__2PRFIN20080529_230559_000000452069_00044_32663_3697.N1	29-MAY-2008 23:05:59	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	32663	No
331	GOM_NL__2PRFIN20080529_231046_000000552069_00044_32663_3698.N1	29-MAY-2008 23:10:46	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	32663	No
332	GOM_NL__2PRFIN20080529_231826_000000422069_00044_32663_3699.N1	29-MAY-2008 23:18:26	Bright	41.500	53	43Bet And	2.0480	3300.0	83	32663	No
333	GOM_NL__2PRFIN20080529_232106_000000522069_00044_32663_3700.N1	29-MAY-2008 23:21:06	Twilight	52.000	58	21Alp And	2.0730	11000.	104	32663	No
334	GOM_NL__2PRFIN20080529_232555_000000512069_00044_32663_3701.N1	29-MAY-2008 23:25:55	Dark	50.500	140	88Gam Peg	2.8340	26000.	101	32663	No
335	GOM_NL__2PRFIN20080529_233452_000000472069_00044_32663_3702.N1	29-MAY-2008 23:34:52	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	32663	No
336	GOM_NL__2PRFIN20080529_234318_000000622069_00044_32663_3703.N1	29-MAY-2008 23:43:18	Dark	62.000	18	24Alp PsA	1.1660	9700.0	124	32663	No
337	GOM_NL__2PRFIN20080529_234647_000000572069_00045_32664_3684.N1	29-MAY-2008 23:46:47	Dark	56.500	63	Bet Gru	2.1500	2800.0	113	32664	No

338	GOM_NL__2PRFIN20080529_234837_000000462069_00045_32664_3685.N1	29-MAY-2008 23:48:37	Dark	45.500	31	Alp Gru	1.7340	15200.	91	32664	No
339	GOM_NL__2PRFIN20080529_235342_000000442069_00045_32664_3686.N1	29-MAY-2008 23:53:42	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	32664	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.

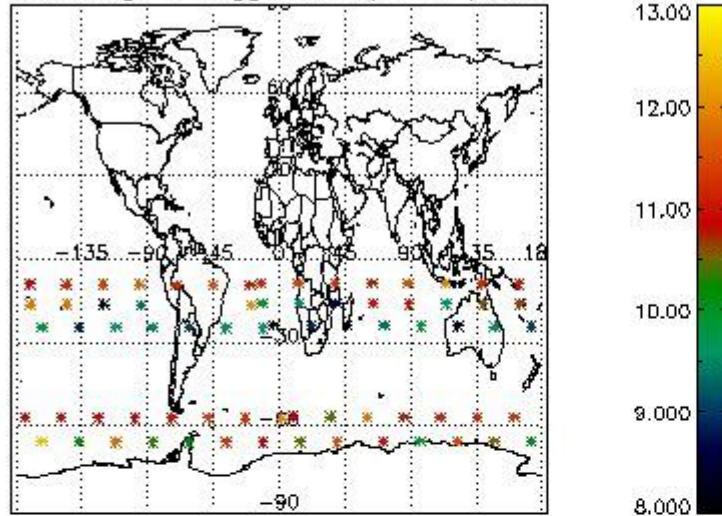
#### 3.1 Plot quality information per product (time dependant)



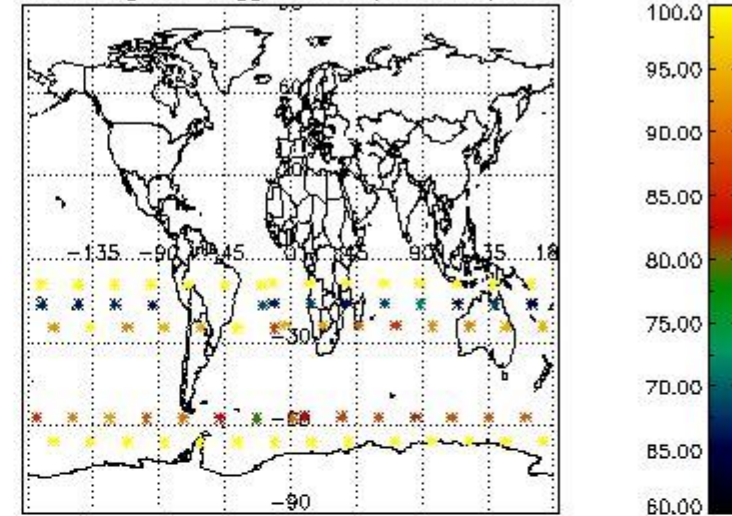
#### 3.2 Plot quality information per product (world map)



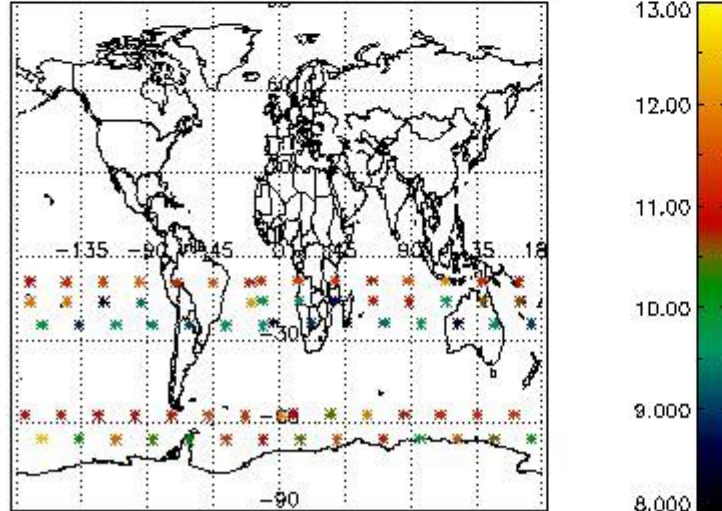
Percentage of flagged data per O3 profile



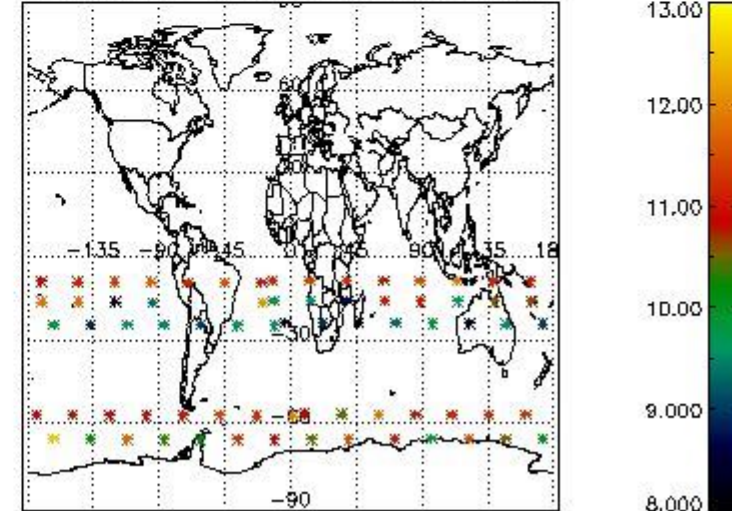
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

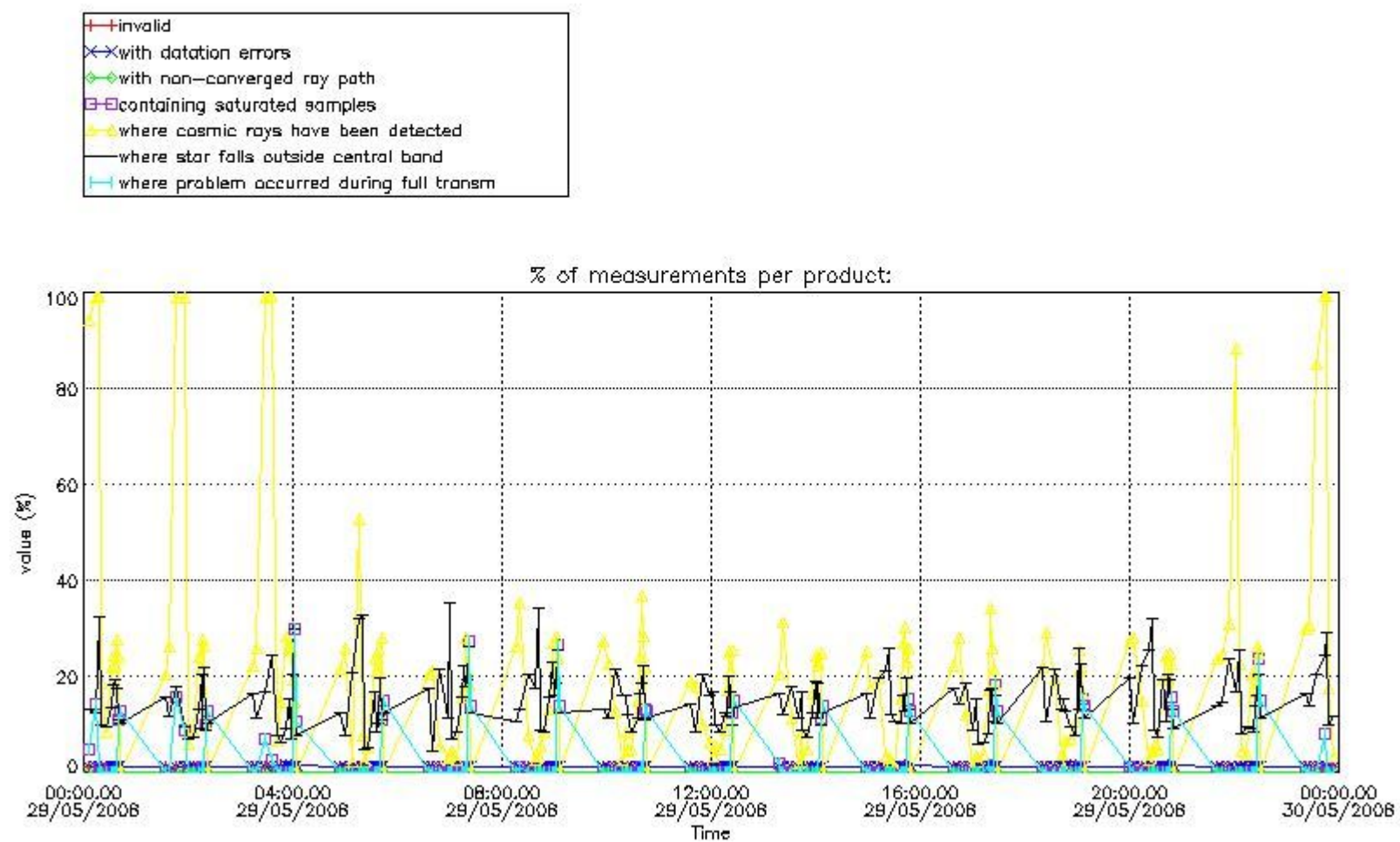


#### 4. Level 1 quality information per product

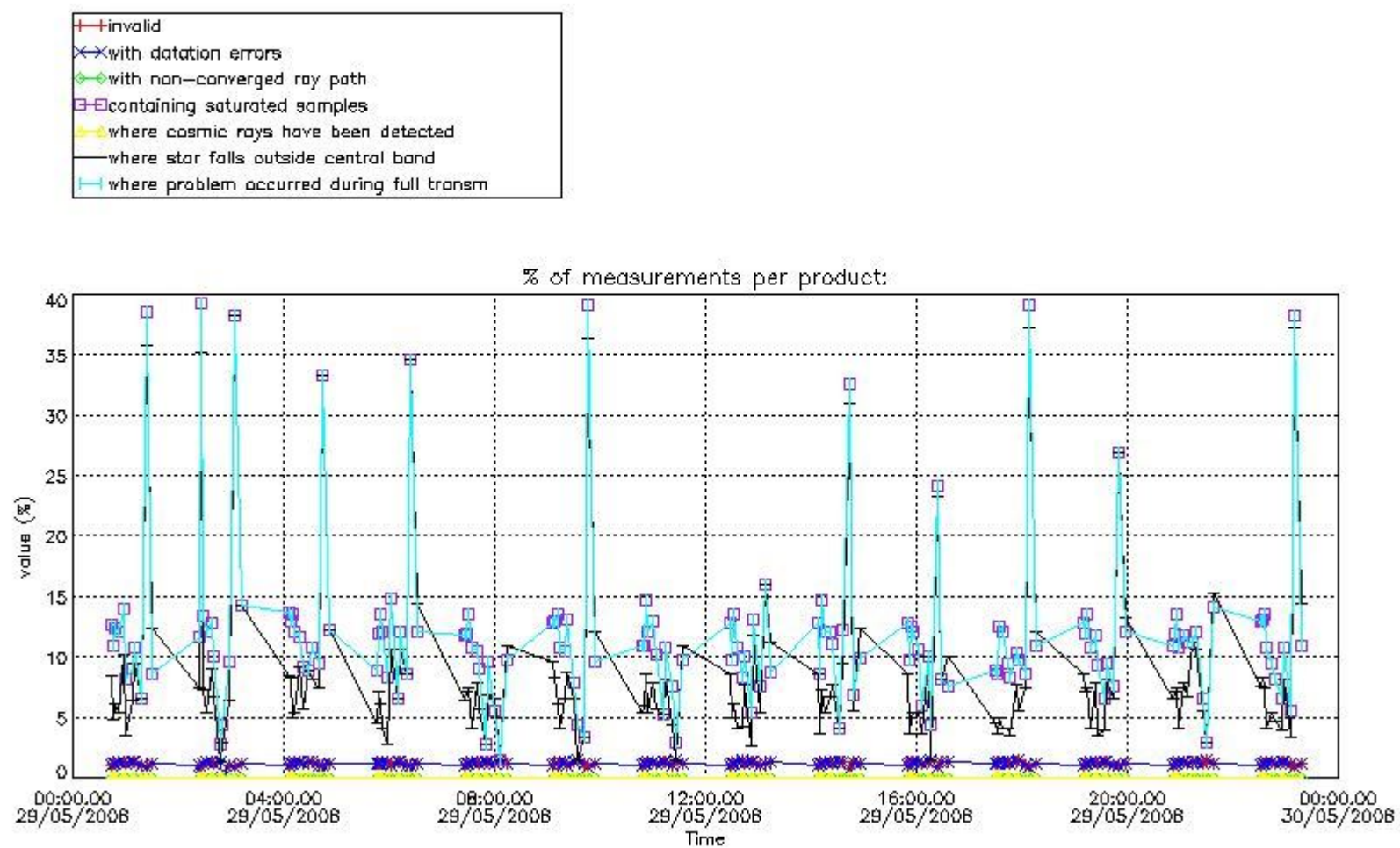
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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



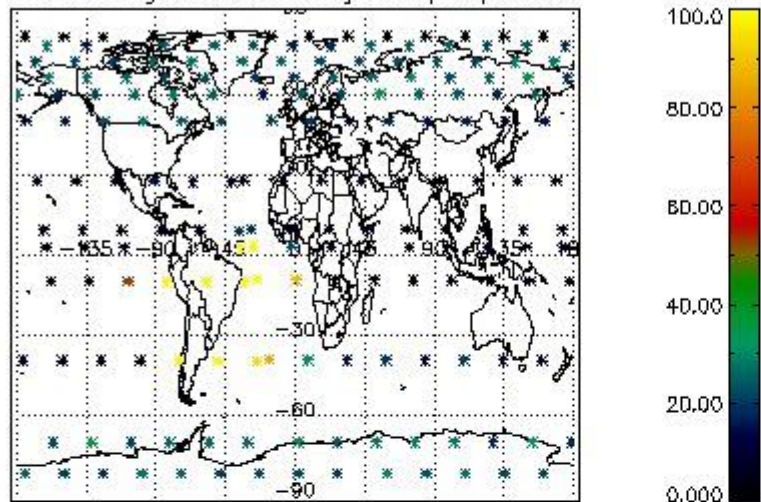
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



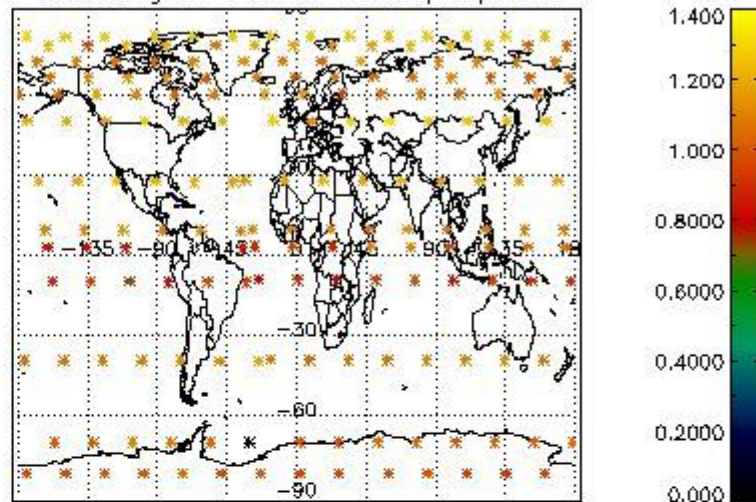
4.2 Plot quality information per product coming from level 1b processing (world map)

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

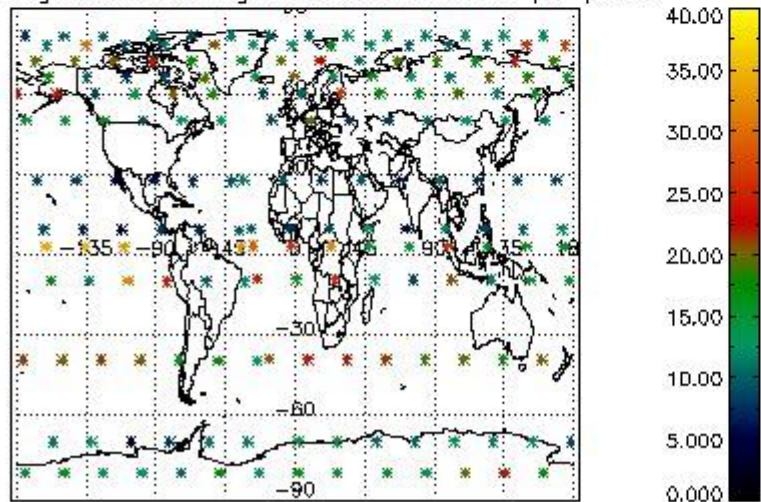
Percentage of cosmic ray hits per profile



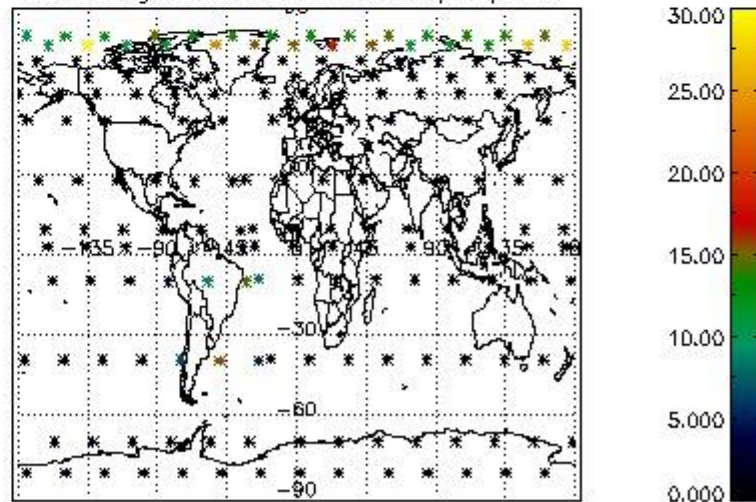
Percentage of datation errors per profile



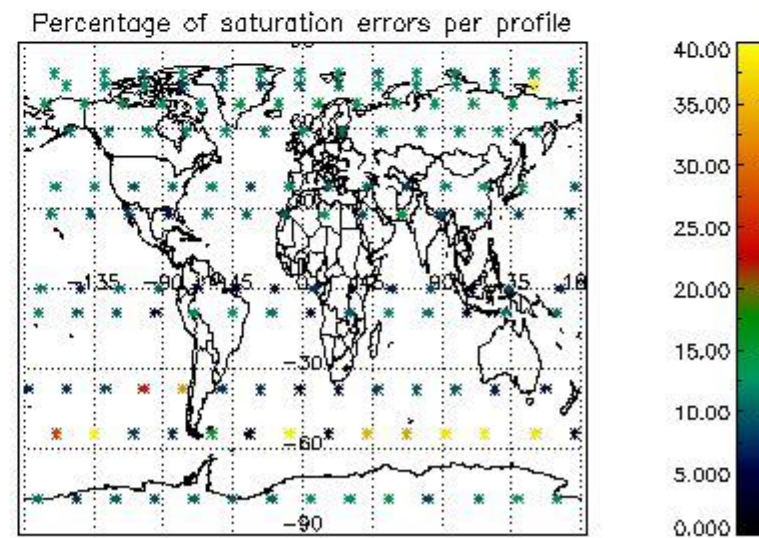
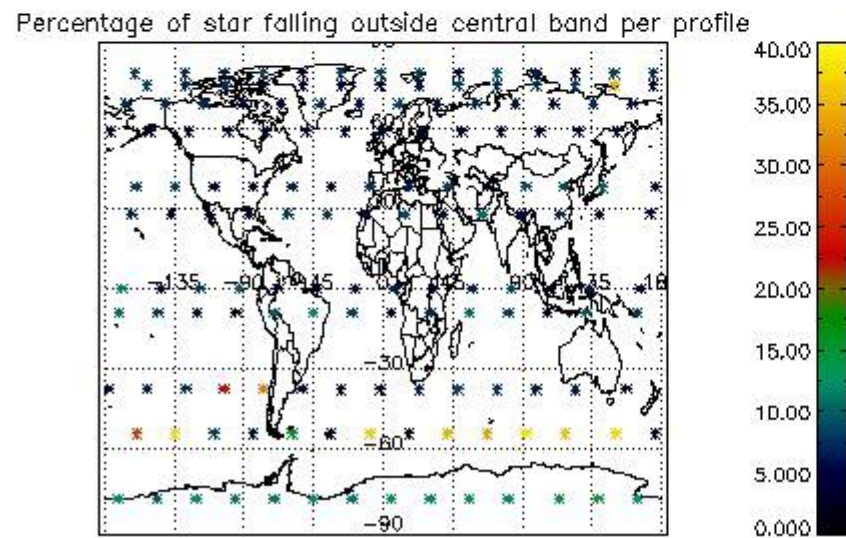
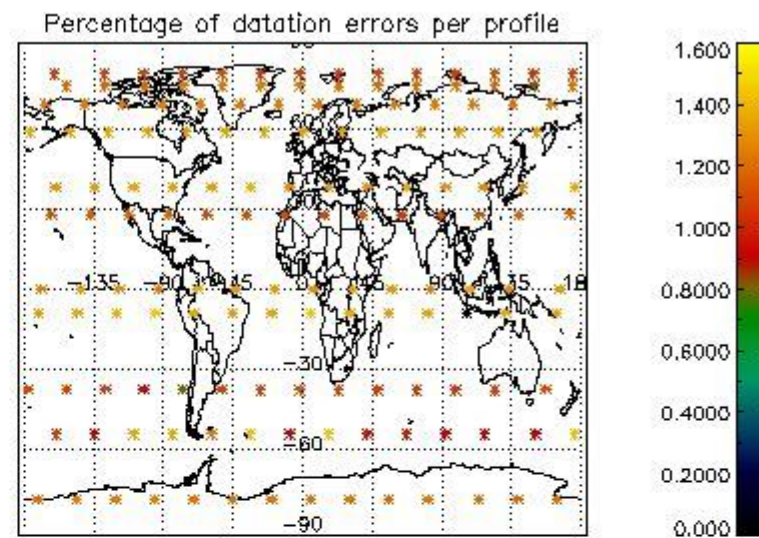
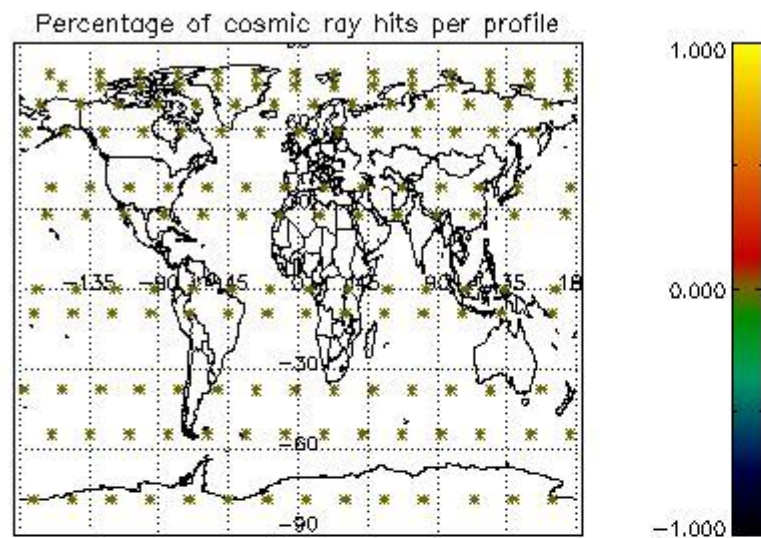
Percentage of star falling outside central band per profile



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

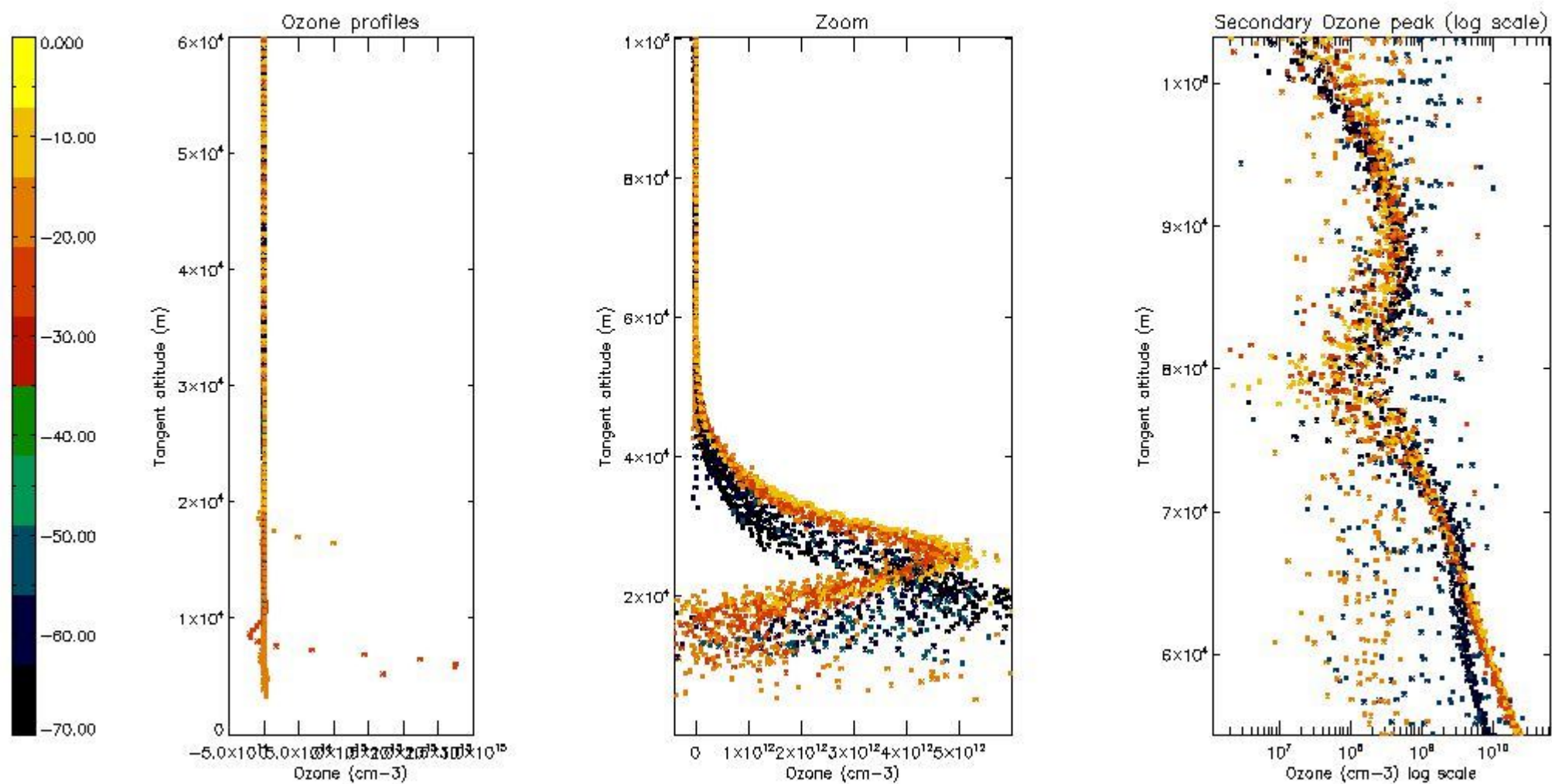
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	25
STD < 20	12

STD < 10	9
STD < 5	6

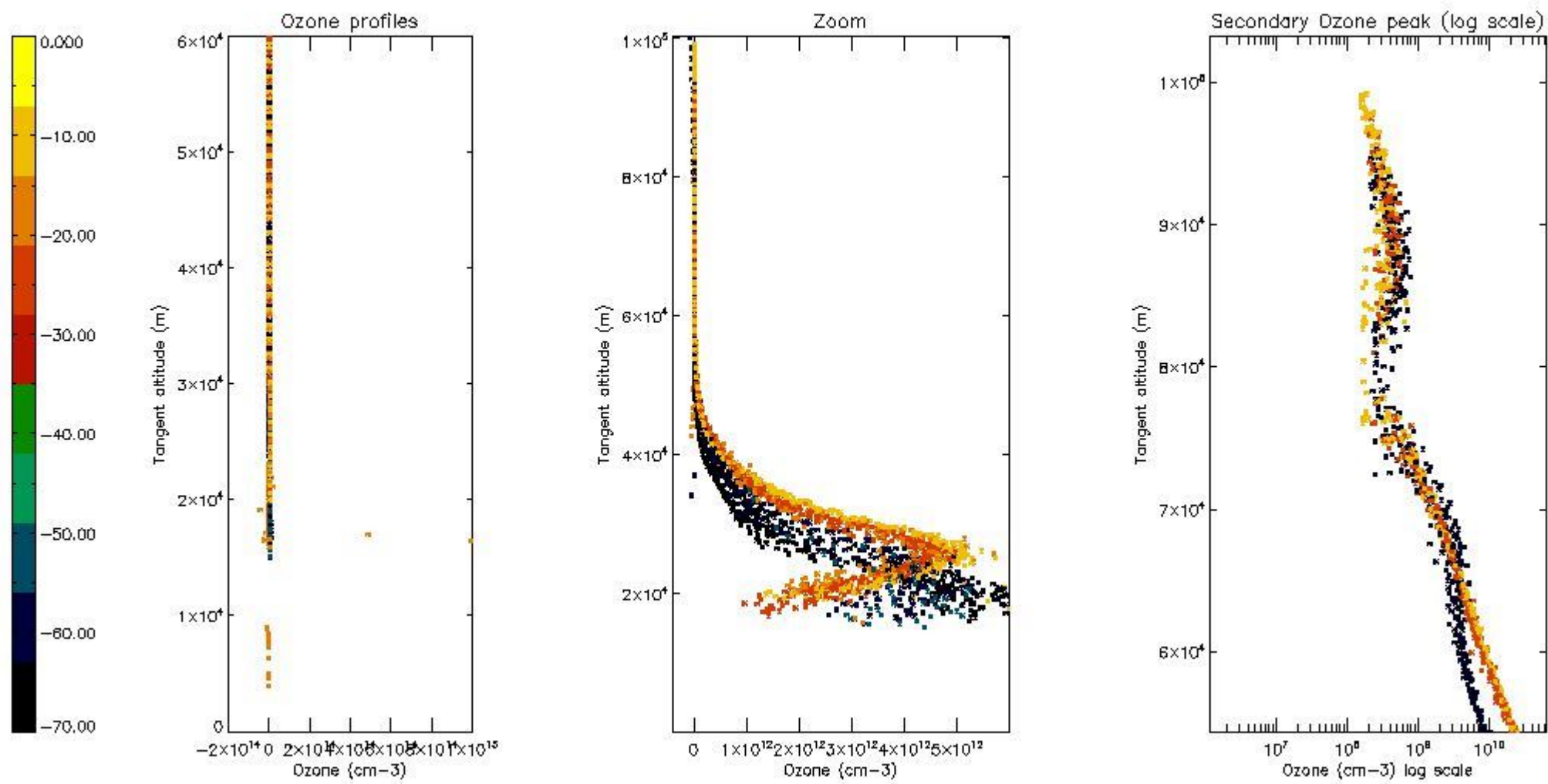
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



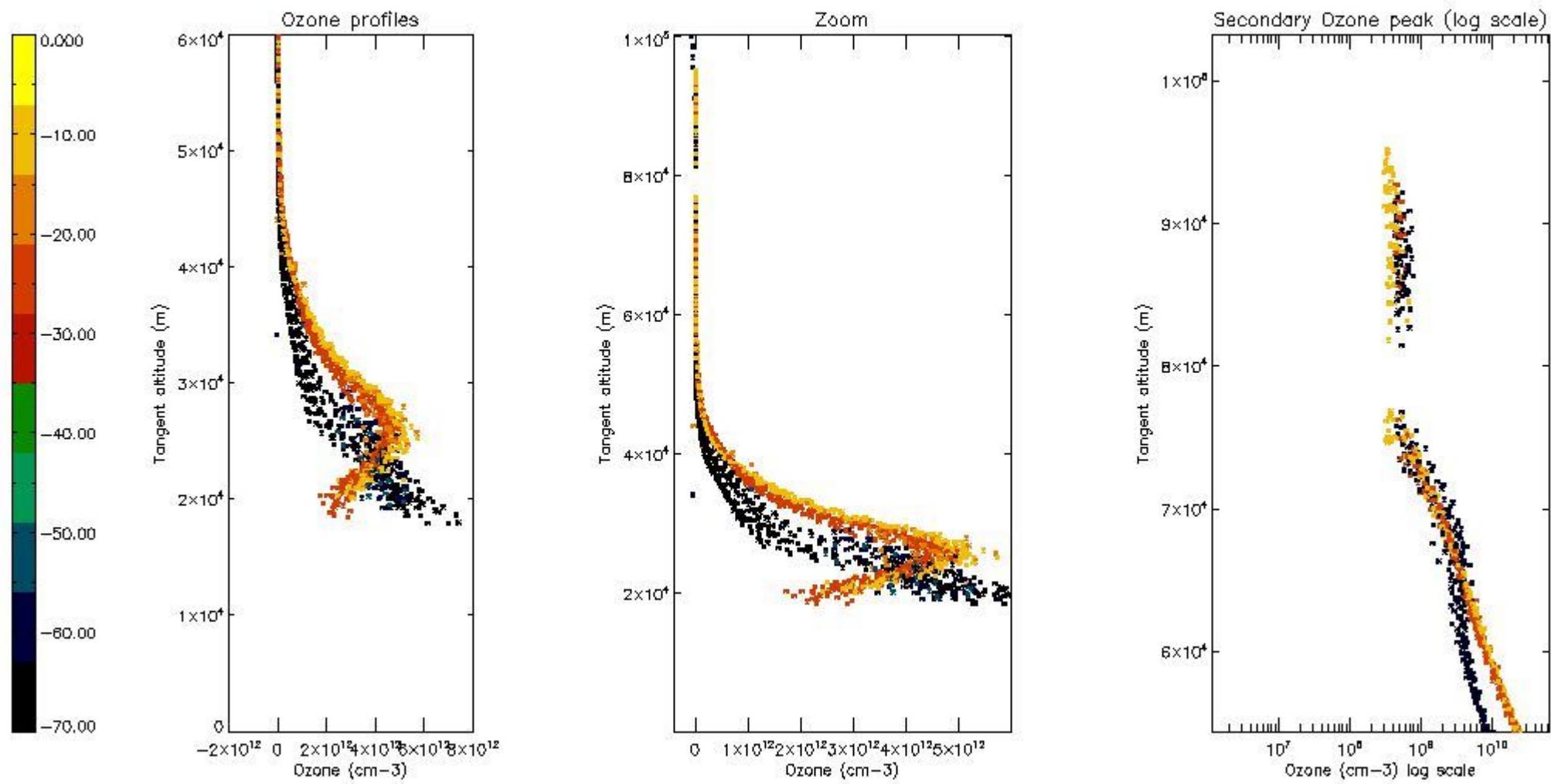
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



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

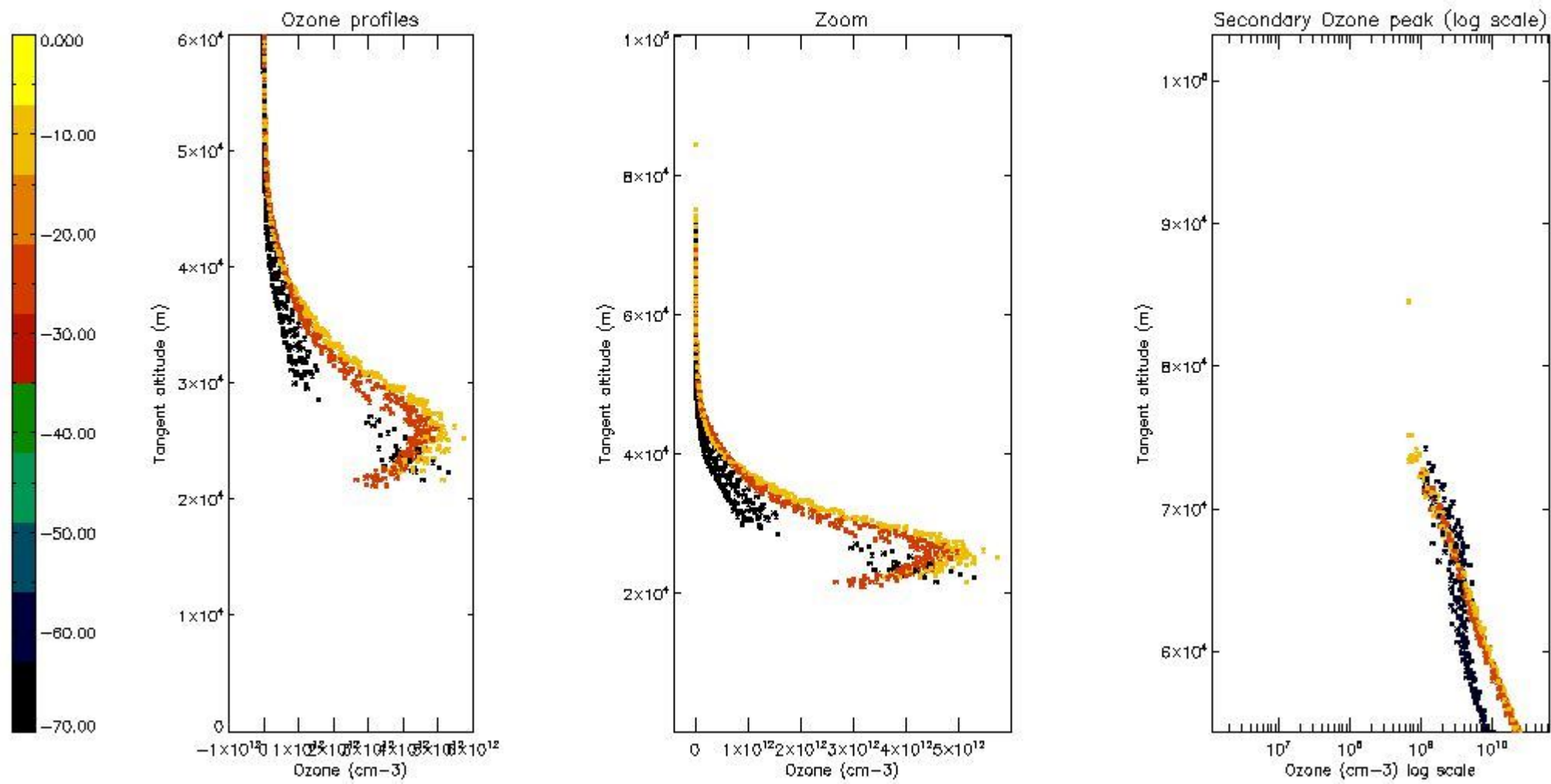
The colorbar represents the latitude.



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

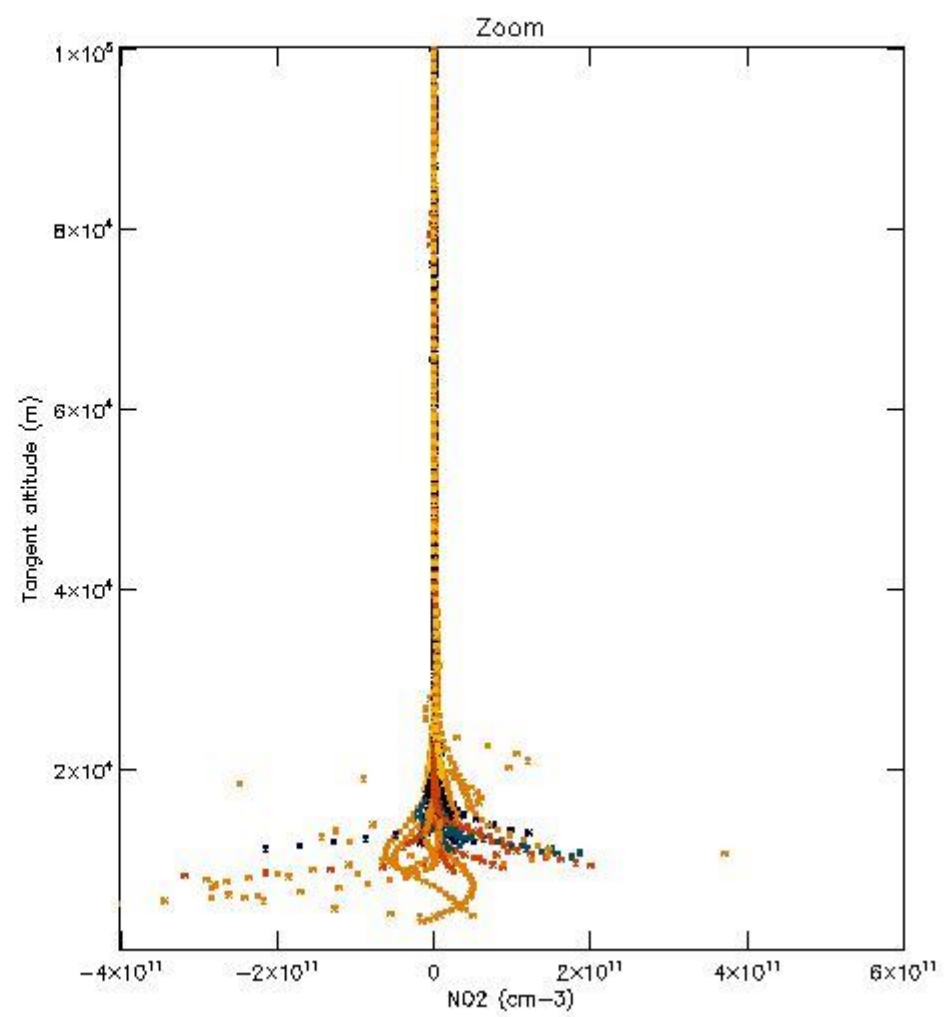
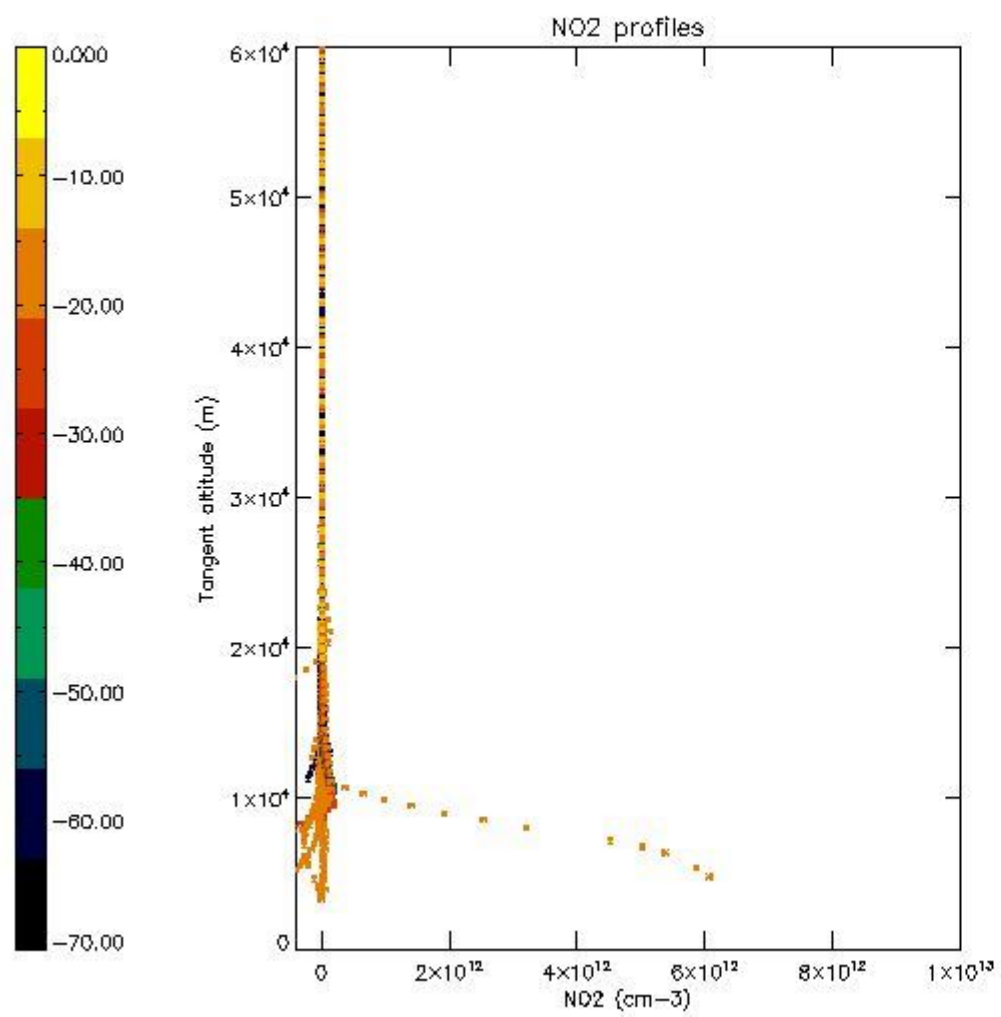
The colorbar represents the latitude.





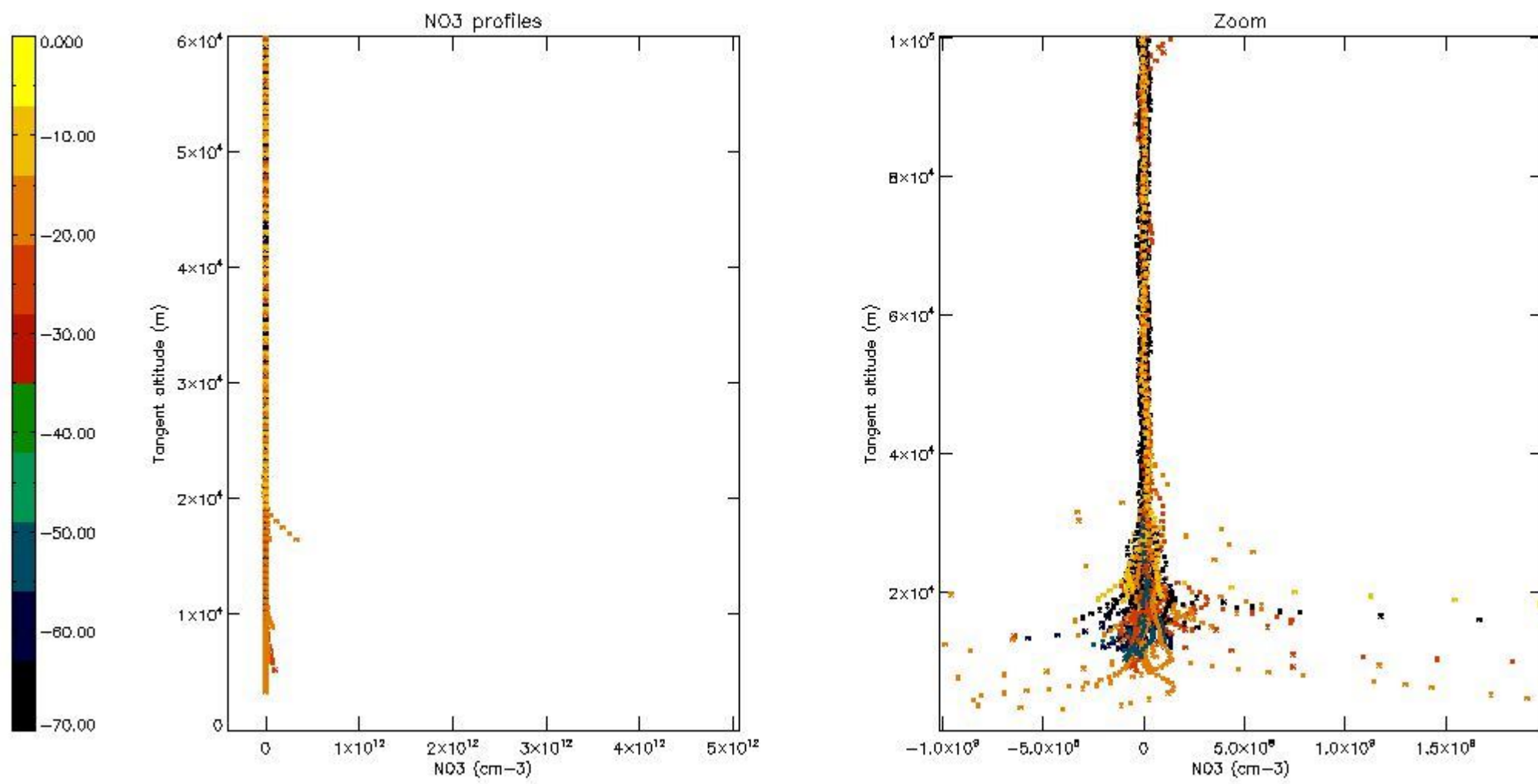
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



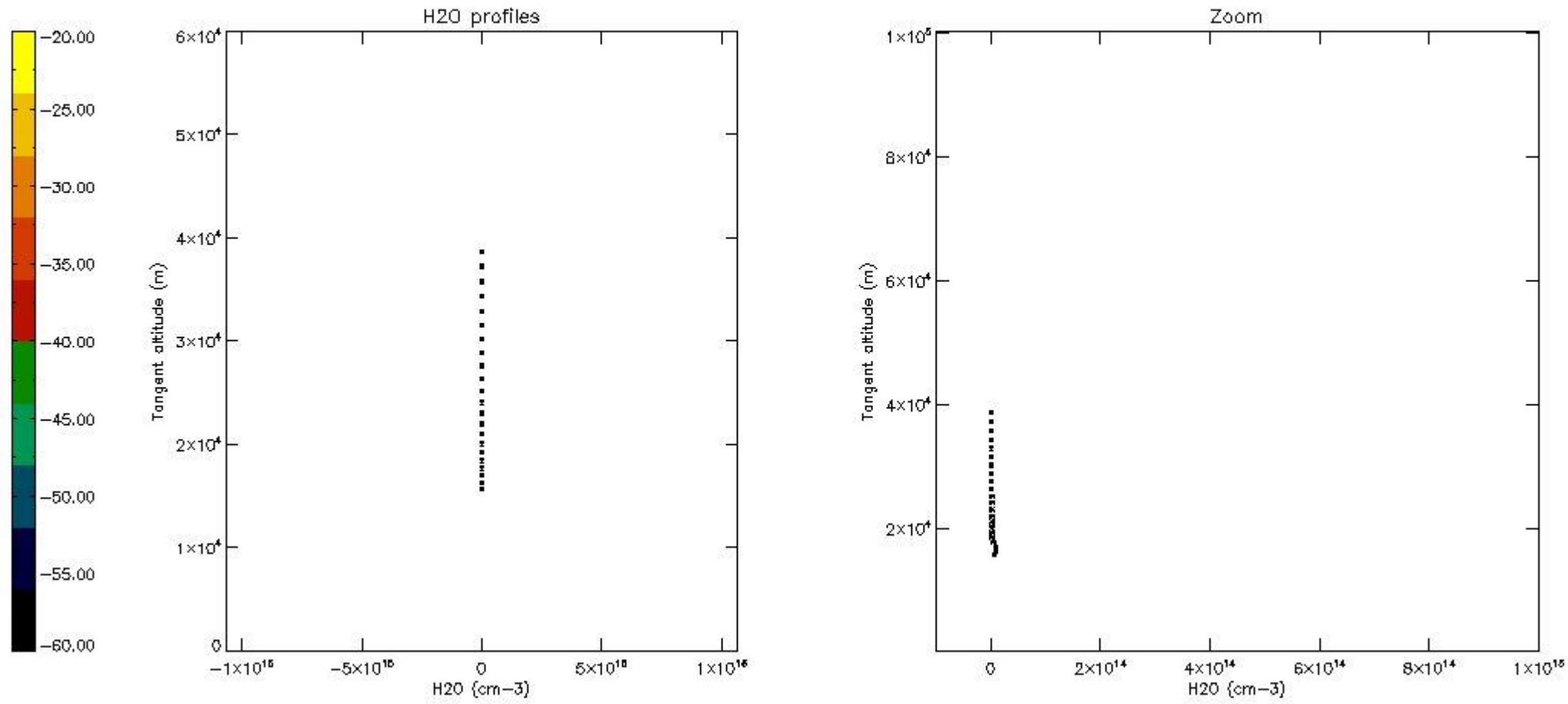
*5.7 Plot NO3 profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	29-MAY-2008 00:06:21
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	29-MAY-2008 00:06:21
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	29-MAY-2008 00:06:21

# GOMOS Level 2 Daily Report

## SUMMARY

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	25APR2013 14:53:01
Data source version	GOMOS/6.01
Start time of products	29-05-2008 (29MAY2008 00:00:00)
Stop time of products	30-05-2008 (30MAY2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	339
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__2PRFIN20080529_000621_000000432069_00030_32649_3537.N1	29-MAY-2008 00:06:21	Dark	42.500	52	16Bet Cet	2.0370	4500.0	85	32649	No
2	GOM_NL__2PRFIN20080529_001439_000000532069_00030_32649_3538.N1	29-MAY-2008 00:14:39	Dark	53.000	18	24Alp PsA	1.1660	9700.0	106	32649	No
3	GOM_NL__2PRFIN20080529_001812_000000592069_00031_32650_3541.N1	29-MAY-2008 00:18:12	Dark	58.500	63	Bet Gru	2.1500	2800.0	117	32650	No
4	GOM_NL__2PRFIN20080529_002001_000000462069_00031_32650_3542.N1	29-MAY-2008 00:20:01	Dark	46.000	31	Alp Gru	1.7340	15200.	92	32650	No
5	GOM_NL__2PRFIN20080529_002509_000000432069_00031_32650_3543.N1	29-MAY-2008 00:25:09	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	32650	No
6	GOM_NL__2PRFIN20080529_003133_000000412069_00031_32650_3544.N1	29-MAY-2008 00:31:33	Straylight	41.000	141	Bet Ara	2.8400	4600.0	82	32650	No
7	GOM_NL__2PRFIN20080529_003426_000000472069_00031_32650_3545.N1	29-MAY-2008 00:34:26	Straylight	47.000	40	The Sco	1.8590	7100.0	94	32650	No
8	GOM_NL__2PRFIN20080529_003615_000000502069_00031_32650_3546.N1	29-MAY-2008 00:36:15	Twilight_stray	49.500	25	35Lam Sco	1.6200	28000.	99	32650	No
9	GOM_NL__2PRFIN20080529_003806_000000462069_00031_32650_3547.N1	29-MAY-2008 00:38:06	Twilight_stray	45.500	75	26Eps Sco	2.2910	4250.0	91	32650	No
10	GOM_NL__2PRFIN20080529_004011_000000422069_00031_32650_3548.N1	29-MAY-2008 00:40:11	Twilight_stray	41.500	136	23Tau Sco	2.8220	30000.	83	32650	No
11	GOM_NL__2PRFIN20080529_004219_000000402069_00031_32650_3549.N1	29-MAY-2008 00:42:19	Bright	39.500	80	7Del Sco	2.3160	30000.	79	32650	No
12	GOM_NL__2PRFIN20080529_004355_000000482069_00031_32650_3550.N1	29-MAY-2008 00:43:55	Bright	47.500	86	35Eta Oph	2.4300	10200.	95	32650	No
13	GOM_NL__2PRFIN20080529_004549_000000422069_00031_32650_3551.N1	29-MAY-2008 00:45:49	Bright	41.500	98	13Zet Oph	2.5710	30000.	83	32650	No
14	GOM_NL__2PRFIN20080529_004803_000000412069_00031_32650_3552.N1	29-MAY-2008 00:48:03	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	32650	No
15	GOM_NL__2PRFIN20080529_005104_000000382069_00031_32650_3553.N1	29-MAY-2008 00:51:04	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	32650	No
16	GOM_NL__2PRFIN20080529_005702_000000402069_00031_32650_3554.N1	29-MAY-2008 00:57:02	Bright	39.500	67	5Alp CrB	2.2210	11000.	79	32650	No
17	GOM_NL__2PRFIN20080529_005957_000000432069_00031_32650_3555.N1	29-MAY-2008 00:59:57	Bright	43.000	133	40Zet Her	2.8070	6000.0	86	32650	No
18	GOM_NL__2PRFIN20080529_010744_000000392069_00031_32650_3556.N1	29-MAY-2008 01:07:44	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	32650	No
19	GOM_NL__2PRFIN20080529_011015_000000372069_00031_32650_3557.N1	29-MAY-2008 01:10:15	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	32650	No
20	GOM_NL__2PRFIN20080529_011819_000000462069_00031_32650_3558.N1	29-MAY-2008 01:18:19	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	32650	No
21	GOM_NL__2PRFIN20080529_012300_000000552069_00031_32650_3559.N1	29-MAY-2008 01:23:00	Bright	54.500	76	27Gam Cas	2.3000	30000.	109	32650	No
22	GOM_NL__2PRFIN20080529_013038_000000412069_00031_32650_3560.N1	29-MAY-2008 01:30:38	Bright	40.500	53	43Bet And	2.0480	3300.0	81	32650	No
23	GOM_NL__2PRFIN20080529_013316_000000522069_00031_32650_3561.N1	29-MAY-2008 01:33:16	Twilight_stray	51.500	58	21Alp And	2.0730	11000.	103	32650	No
24	GOM_NL__2PRFIN20080529_013802_000000482069_00031_32650_3562.N1	29-MAY-2008 01:38:02	Dark	48.000	140	88Gam Peg	2.8340	26000.	96	32650	No
25	GOM_NL__2PRFIN20080529_014658_000000452069_00031_32650_3563.N1	29-MAY-2008 01:46:58	Dark	45.000	52	16Bet Cet	2.0370	4500.0	90	32650	No
26	GOM_NL__2PRFIN20080529_015516_000000522069_00031_32650_3564.N1	29-MAY-2008 01:55:16	Dark	52.000	18	24Alp PsA	1.1660	9700.0	104	32650	No
27	GOM_NL__2PRFIN20080529_020038_000000442069_00032_32651_3571.N1	29-MAY-2008 02:00:38	Dark	44.000	31	Alp Gru	1.7340	15200.	88	32651	No
28	GOM_NL__2PRFIN20080529_020546_000000422069_00032_32651_3572.N1	29-MAY-2008 02:05:46	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	32651	No
29	GOM_NL__2PRFIN20080529_021209_000000422069_00032_32651_3573.N1	29-MAY-2008 02:12:09	Straylight	41.500	141	Bet Ara	2.8400	4600.0	83	32651	No
30	GOM_NL__2PRFIN20080529_021503_000000492069_00032_32651_3574.N1	29-MAY-2008 02:15:03	Straylight	49.000	40	The Sco	1.8590	7100.0	98	32651	No
31	GOM_NL__2PRFIN20080529_021652_000000442069_00032_32651_3575.N1	29-MAY-2008 02:16:52	Twilight_stray	44.000	25	35Lam Sco	1.6200	28000.	88	32651	No
32	GOM_NL__2PRFIN20080529_021843_000000482069_00032_32651_3576.N1	29-MAY-2008 02:18:43	Twilight_stray	48.000	75	26Eps Sco	2.2910	4250.0	96	32651	No
33	GOM_NL__2PRFIN20080529_022047_000000412069_00032_32651_3577.N1	29-MAY-2008 02:20:47	Twilight_stray	40.500	136	23Tau Sco	2.8220	30000.	81	32651	No
34	GOM_NL__2PRFIN20080529_022255_000000402069_00032_32651_3578.N1	29-MAY-2008 02:22:55	Bright	39.500	80	7Del Sco	2.3160	30000.	79	32651	No
35	GOM_NL__2PRFIN20080529_022431_000000472069_00032_32651_3579.N1	29-MAY-2008 02:24:31	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	32651	No
36	GOM_NL__2PRFIN20080529_022625_000000612069_00032_32651_3580.N1	29-MAY-2008 02:26:25	Bright	61.000	98	13Zet Oph	2.5710	30000.	122	32651	No
37	GOM_NL__2PRFIN20080529_022838_000000412069_00032_32651_3581.N1	29-MAY-2008 02:28:38	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	32651	No
38	GOM_NL__2PRFIN20080529_023140_000000382069_00032_32651_3582.N1	29-MAY-2008 02:31:40	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	32651	No
39	GOM_NL__2PRFIN20080529_023738_000000392069_00032_32651_3583.N1	29-MAY-2008 02:37:38	Bright	39.000	67	5Alp CrB	2.2210	11000.	78	32651	No
40	GOM_NL__2PRFIN20080529_024032_000000452069_00032_32651_3584.N1	29-MAY-2008 02:40:32	Bright	45.000	133	40Zet Her	2.8070	6000.0	90	32651	No
41	GOM_NL__2PRFIN20080529_024820_000000372069_00032_32651_3585.N1	29-MAY-2008 02:48:20	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	32651	No
42	GOM_NL__2PRFIN20080529_025051_000000342069_00032_32651_3586.N1	29-MAY-2008 02:50:51	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	32651	No

43	GOM_NL__2PRFIN20080529_025855_000000472069_00032_32651_3587.N1	29-MAY-2008 02:58:55	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	32651	No
44	GOM_NL__2PRFIN20080529_030336_000000552069_00032_32651_3588.N1	29-MAY-2008 03:03:36	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	32651	No
45	GOM_NL__2PRFIN20080529_031114_000000422069_00032_32651_3589.N1	29-MAY-2008 03:11:14	Bright	42.000	53	43Bet And	2.0480	3300.0	84	32651	No
46	GOM_NL__2PRFIN20080529_031352_000000522069_00032_32651_3590.N1	29-MAY-2008 03:13:52	Twilight	52.000	58	21Alp And	2.0730	11000.	104	32651	No
47	GOM_NL__2PRFIN20080529_031838_000000492069_00032_32651_3591.N1	29-MAY-2008 03:18:38	Dark	48.500	140	88Gam Peg	2.8340	26000.	97	32651	No
48	GOM_NL__2PRFIN20080529_032734_000000452069_00032_32651_3592.N1	29-MAY-2008 03:27:34	Dark	44.500	52	16Bet Cet	2.0370	4500.0	89	32651	No
49	GOM_NL__2PRFIN20080529_033553_000000622069_00032_32651_3593.N1	29-MAY-2008 03:35:53	Dark	61.500	18	24Alp PsA	1.1660	9700.0	123	32651	No
50	GOM_NL__2PRFIN20080529_034115_000000462069_00033_32652_3567.N1	29-MAY-2008 03:41:15	Dark	45.500	31	Alp Gru	1.7340	15200.	91	32652	No
51	GOM_NL__2PRFIN20080529_034622_000000412069_00033_32652_3568.N1	29-MAY-2008 03:46:22	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	32652	No
52	GOM_NL__2PRFIN20080529_035245_000000392069_00033_32652_3569.N1	29-MAY-2008 03:52:45	Straylight	39.000	141	Bet Ara	2.8400	4600.0	78	32652	No
53	GOM_NL__2PRFIN20080529_035539_000000462069_00033_32652_3570.N1	29-MAY-2008 03:55:39	Straylight	46.000	40	The Sco	1.8590	7100.0	92	32652	No
54	GOM_NL__2PRFIN20080529_035728_000000442069_00033_32652_3571.N1	29-MAY-2008 03:57:28	Twilight	43.500	25	35Lam Sco	1.6200	28000.	87	32652	No
55	GOM_NL__2PRFIN20080529_035919_000000472069_00033_32652_3572.N1	29-MAY-2008 03:59:19	Twilight	46.500	75	26Eps Sco	2.2910	4250.0	93	32652	No
56	GOM_NL__2PRFIN20080529_040124_000000522069_00033_32652_3573.N1	29-MAY-2008 04:01:24	Bright	52.000	136	23Tau Sco	2.8220	30000.	104	32652	No
57	GOM_NL__2PRFIN20080529_040331_000000392069_00033_32652_3574.N1	29-MAY-2008 04:03:31	Bright	38.500	80	7Del Sco	2.3160	30000.	77	32652	No
58	GOM_NL__2PRFIN20080529_040507_000000482069_00033_32652_3575.N1	29-MAY-2008 04:05:07	Bright	47.500	86	35Eta Oph	2.4300	10200.	95	32652	No
59	GOM_NL__2PRFIN20080529_040701_000000432069_00033_32652_3576.N1	29-MAY-2008 04:07:01	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	32652	No
60	GOM_NL__2PRFIN20080529_040914_000000412069_00033_32652_3577.N1	29-MAY-2008 04:09:14	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	32652	No
61	GOM_NL__2PRFIN20080529_041216_000000382069_00033_32652_3578.N1	29-MAY-2008 04:12:16	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	32652	No
62	GOM_NL__2PRFIN20080529_041814_000000392069_00033_32652_3579.N1	29-MAY-2008 04:18:14	Bright	38.500	67	5Alp CrB	2.2210	11000.	77	32652	No
63	GOM_NL__2PRFIN20080529_042108_000000442069_00033_32652_3580.N1	29-MAY-2008 04:21:08	Bright	44.000	133	40Zet Her	2.8070	6000.0	88	32652	No
64	GOM_NL__2PRFIN20080529_042856_000000402069_00033_32652_3581.N1	29-MAY-2008 04:28:56	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	32652	No
65	GOM_NL__2PRFIN20080529_043127_000000372069_00033_32652_3582.N1	29-MAY-2008 04:31:27	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	32652	No
66	GOM_NL__2PRFIN20080529_043930_000000482069_00033_32652_3583.N1	29-MAY-2008 04:39:30	Bright	47.500	89	5Alp Cep	2.4510	8000.0	95	32652	No
67	GOM_NL__2PRFIN20080529_044412_000000512069_00033_32652_3584.N1	29-MAY-2008 04:44:12	Bright	51.000	76	27Gam Cas	2.3000	30000.	102	32652	No
68	GOM_NL__2PRFIN20080529_045150_000000412069_00033_32652_3585.N1	29-MAY-2008 04:51:50	Bright	41.000	53	43Bet And	2.0480	3300.0	82	32652	No
69	GOM_NL__2PRFIN20080529_045429_000000492069_00033_32652_3586.N1	29-MAY-2008 04:54:29	Twilight	49.000	58	21Alp And	2.0730	11000.	98	32652	No
70	GOM_NL__2PRFIN20080529_045915_000000472069_00033_32652_3587.N1	29-MAY-2008 04:59:15	Dark	46.500	140	88Gam Peg	2.8340	26000.	93	32652	No
71	GOM_NL__2PRFIN20080529_050811_000000462069_00033_32652_3588.N1	29-MAY-2008 05:08:11	Dark	46.000	52	16Bet Cet	2.0370	4500.0	92	32652	No
72	GOM_NL__2PRFIN20080529_051630_000000692069_00033_32652_3589.N1	29-MAY-2008 05:16:30	Dark	69.000	18	24Alp PsA	1.1660	9700.0	138	32652	No
73	GOM_NL__2PRFIN20080529_052003_000000602069_00034_32653_3558.N1	29-MAY-2008 05:20:03	Dark	59.500	63	Bet Gru	2.1500	2800.0	119	32653	No
74	GOM_NL__2PRFIN20080529_052152_000000442069_00034_32653_3559.N1	29-MAY-2008 05:21:52	Dark	43.500	31	Alp Gru	1.7340	15200.	87	32653	No
75	GOM_NL__2PRFIN20080529_052659_000000402069_00034_32653_3560.N1	29-MAY-2008 05:26:59	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	32653	No
76	GOM_NL__2PRFIN20080529_053322_000000422069_00034_32653_3561.N1	29-MAY-2008 05:33:22	Straylight	42.000	141	Bet Ara	2.8400	4600.0	84	32653	No
77	GOM_NL__2PRFIN20080529_053616_000000432069_00034_32653_3562.N1	29-MAY-2008 05:36:16	Straylight	42.500	40	The Sco	1.8590	7100.0	85	32653	No
78	GOM_NL__2PRFIN20080529_053804_000000452069_00034_32653_3563.N1	29-MAY-2008 05:38:04	Twilight	45.000	25	35Lam Sco	1.6200	28000.	90	32653	No
79	GOM_NL__2PRFIN20080529_053955_000000462069_00034_32653_3564.N1	29-MAY-2008 05:39:55	Twilight	46.000	75	26Eps Sco	2.2910	4250.0	92	32653	No
80	GOM_NL__2PRFIN20080529_054200_000000412069_00034_32653_3565.N1	29-MAY-2008 05:42:00	Bright	41.000	136	23Tau Sco	2.8220	30000.	82	32653	No
81	GOM_NL__2PRFIN20080529_054407_000000412069_00034_32653_3566.N1	29-MAY-2008 05:44:07	Bright	40.500	80	7Del Sco	2.3160	30000.	81	32653	No
82	GOM_NL__2PRFIN20080529_054543_000000452069_00034_32653_3567.N1	29-MAY-2008 05:45:43	Bright	45.000	86	35Eta Oph	2.4300	10200.	90	32653	No
83	GOM_NL__2PRFIN20080529_054737_000000422069_00034_32653_3568.N1	29-MAY-2008 05:47:37	Bright	42.000	98	13Zet Oph	2.5710	30000.	84	32653	No
84	GOM_NL__2PRFIN20080529_054951_000000412069_00034_32653_3569.N1	29-MAY-2008 05:49:51	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	32653	No
85	GOM_NL__2PRFIN20080529_055252_000000382069_00034_32653_3570.N1	29-MAY-2008 05:52:52	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	32653	No
86	GOM_NL__2PRFIN20080529_055850_000000372069_00034_32653_3571.N1	29-MAY-2008 05:58:50	Bright	36.500	67	5Alp CrB	2.2210	11000.	73	32653	No
87	GOM_NL__2PRFIN20080529_060143_000000472069_00034_32653_3572.N1	29-MAY-2008 06:01:43	Bright	47.000	133	40Zet Her	2.8070	6000.0	94	32653	No
88	GOM_NL__2PRFIN20080529_060931_000000382069_00034_32653_3573.N1	29-MAY-2008 06:09:31	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	32653	No
89	GOM_NL__2PRFIN20080529_061203_000000382069_00034_32653_3574.N1	29-MAY-2008 06:12:03	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	32653	No
90	GOM_NL__2PRFIN20080529_062006_000000472069_00034_32653_3575.N1	29-MAY-2008 06:20:06	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	32653	No
91	GOM_NL__2PRFIN20080529_062448_000000522069_00034_32653_3576.N1	29-MAY-2008 06:24:48	Bright	52.000	76	27Gam Cas	2.3000	30000.	104	32653	No
92	GOM_NL__2PRFIN20080529_063226_000000422069_00034_32653_3577.N1	29-MAY-2008 06:32:26	Bright	41.500	53	43Bet And	2.0480	3300.0	83	32653	No
93	GOM_NL__2PRFIN20080529_063505_000000522069_00034_32653_3578.N1	29-MAY-2008 06:35:05	Twilight	52.000	58	21Alp And	2.0730	11000.	104	32653	No
94	GOM_NL__2PRFIN20080529_063951_000000452069_00034_32653_3579.N1	29-MAY-2008 06:39:51	Dark	45.000	140	88Gam Peg	2.8340	26000.	90	32653	No
95	GOM_NL__2PRFIN20080529_064847_000000472069_00034_32653_3580.N1	29-MAY-2008 06:48:47	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	32653	No
96	GOM_NL__2PRFIN20080529_065707_000000532069_00034_32653_3581.N1	29-MAY-2008 06:57:07	Dark	52.500	18	24Alp PsA	1.1660	9700.0	105	32653	No
97	GOM_NL__2PRFIN20080529_070040_000000612069_00035_32654_3604.N1	29-MAY-2008 07:00:40	Dark	61.000	63	Bet Gru	2.1500	2800.0	122	32654	No
98	GOM_NL__2PRFIN20080529_070229_000000452069_00035_32654_3605.N1	29-MAY-2008 07:02:29	Dark	44.500	31	Alp Gru	1.7340	15200.	89	32654	No
99	GOM_NL__2PRFIN20080529_070736_000000422069_00035_32654_3606.N1	29-MAY-2008 07:07:36	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	32654	No
100	GOM_NL__2PRFIN20080529_071358_000000422069_00035_32654_3607.N1	29-MAY-2008 07:13:58	Straylight	42.000	141	Bet Ara	2.8400	4600.0	84	32654	No
101	GOM_NL__2PRFIN20080529_071652_000000502069_00035_32654_3608.N1	29-MAY-2008 07:16:52	Straylight	49.500	40	The Sco	1.8590	7100.0	99	32654	No

102	GOM_NL_2PRFIN20080529_071841_00000482069_00035_32654_3609.N1	29-MAY-2008 07:18:41	Twilight	48.000	25	35Lam Sco	1.6200	28000.	96	32654	No
103	GOM_NL_2PRFIN20080529_072032_00000472069_00035_32654_3610.N1	29-MAY-2008 07:20:32	Twilight	46.500	75	26Eps Sco	2.2910	4250.0	93	32654	No
104	GOM_NL_2PRFIN20080529_072236_00000502069_00035_32654_3611.N1	29-MAY-2008 07:22:36	Bright	49.500	136	23Tau Sco	2.8220	30000.	99	32654	No
105	GOM_NL_2PRFIN20080529_072443_00000402069_00035_32654_3612.N1	29-MAY-2008 07:24:43	Bright	40.000	80	7Del Sco	2.3160	30000.	80	32654	No
106	GOM_NL_2PRFIN20080529_072619_00000472069_00035_32654_3613.N1	29-MAY-2008 07:26:19	Bright	46.500	86	35Eta Oph	2.4300	10200.	93	32654	No
107	GOM_NL_2PRFIN20080529_072813_00000422069_00035_32654_3614.N1	29-MAY-2008 07:28:13	Bright	42.000	98	13Zet Oph	2.5710	30000.	84	32654	No
108	GOM_NL_2PRFIN20080529_073026_00000412069_00035_32654_3615.N1	29-MAY-2008 07:30:26	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	32654	No
109	GOM_NL_2PRFIN20080529_073328_00000372069_00035_32654_3616.N1	29-MAY-2008 07:33:28	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	32654	No
110	GOM_NL_2PRFIN20080529_073926_00000382069_00035_32654_3617.N1	29-MAY-2008 07:39:26	Bright	38.000	67	5Alp CrB	2.2210	11000.	76	32654	No
111	GOM_NL_2PRFIN20080529_074219_00000452069_00035_32654_3618.N1	29-MAY-2008 07:42:19	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	32654	No
112	GOM_NL_2PRFIN20080529_075007_00000372069_00035_32654_3619.N1	29-MAY-2008 07:50:07	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	32654	No
113	GOM_NL_2PRFIN20080529_075239_00000372069_00035_32654_3620.N1	29-MAY-2008 07:52:39	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	32654	No
114	GOM_NL_2PRFIN20080529_080041_00000462069_00035_32654_3621.N1	29-MAY-2008 08:00:41	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	32654	No
115	GOM_NL_2PRFIN20080529_080524_00000352069_00035_32654_3622.N1	29-MAY-2008 08:05:24	Bright	34.500	76	27Gam Cas	2.3000	30000.	69	32654	No
116	GOM_NL_2PRFIN20080529_081302_00000412069_00035_32654_3623.N1	29-MAY-2008 08:13:02	Bright	41.000	53	43Bet And	2.0480	3300.0	82	32654	No
117	GOM_NL_2PRFIN20080529_081541_00000482069_00035_32654_3624.N1	29-MAY-2008 08:15:41	Twilight	48.000	58	21Alp And	2.0730	11000.	96	32654	No
118	GOM_NL_2PRFIN20080529_082028_00000502069_00035_32654_3625.N1	29-MAY-2008 08:20:28	Dark	49.500	140	88Gam Peg	2.8340	26000.	99	32654	No
119	GOM_NL_2PRFIN20080529_082924_00000472069_00035_32654_3626.N1	29-MAY-2008 08:29:24	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	32654	No
120	GOM_NL_2PRFIN20080529_083744_00000572069_00035_32654_3627.N1	29-MAY-2008 08:37:44	Dark	57.000	18	24Alp PsA	1.1660	9700.0	114	32654	No
121	GOM_NL_2PRFIN20080529_084116_00000602069_00036_32655_3576.N1	29-MAY-2008 08:41:16	Dark	60.000	63	Bet Gru	2.1500	2800.0	120	32655	No
122	GOM_NL_2PRFIN20080529_084306_00000462069_00036_32655_3577.N1	29-MAY-2008 08:43:06	Dark	45.500	31	Alp Gru	1.7340	15200.	91	32655	No
123	GOM_NL_2PRFIN20080529_084812_00000422069_00036_32655_3578.N1	29-MAY-2008 08:48:12	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	32655	No
124	GOM_NL_2PRFIN20080529_085435_00000422069_00036_32655_3579.N1	29-MAY-2008 08:54:35	Straylight	42.000	141	Bet Ara	2.8400	4600.0	84	32655	No
125	GOM_NL_2PRFIN20080529_085729_00000502069_00036_32655_3580.N1	29-MAY-2008 08:57:29	Straylight	50.000	40	The Sco	1.8590	7100.0	100	32655	No
126	GOM_NL_2PRFIN20080529_085917_00000472069_00036_32655_3581.N1	29-MAY-2008 08:59:17	Twilight	47.000	25	35Lam Sco	1.6200	28000.	94	32655	No
127	GOM_NL_2PRFIN20080529_090108_00000462069_00036_32655_3582.N1	29-MAY-2008 09:01:08	Twilight	46.000	75	26Eps Sco	2.2910	4250.0	92	32655	No
128	GOM_NL_2PRFIN20080529_090312_00000492069_00036_32655_3583.N1	29-MAY-2008 09:03:12	Bright	49.000	136	23Tau Sco	2.8220	30000.	98	32655	No
129	GOM_NL_2PRFIN20080529_090519_00000402069_00036_32655_3584.N1	29-MAY-2008 09:05:19	Bright	40.000	80	7Del Sco	2.3160	30000.	80	32655	No
130	GOM_NL_2PRFIN20080529_090655_00000472069_00036_32655_3585.N1	29-MAY-2008 09:06:55	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	32655	No
131	GOM_NL_2PRFIN20080529_090849_00000432069_00036_32655_3586.N1	29-MAY-2008 09:08:49	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	32655	No
132	GOM_NL_2PRFIN20080529_091102_00000412069_00036_32655_3587.N1	29-MAY-2008 09:11:02	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	32655	No
133	GOM_NL_2PRFIN20080529_091404_00000372069_00036_32655_3588.N1	29-MAY-2008 09:14:04	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	32655	No
134	GOM_NL_2PRFIN20080529_092001_00000382069_00036_32655_3589.N1	29-MAY-2008 09:20:01	Bright	38.000	67	5Alp CrB	2.2210	11000.	76	32655	No
135	GOM_NL_2PRFIN20080529_092254_00000462069_00036_32655_3590.N1	29-MAY-2008 09:22:54	Bright	46.000	133	40Zet Her	2.8070	6000.0	92	32655	No
136	GOM_NL_2PRFIN20080529_093043_00000392069_00036_32655_3591.N1	29-MAY-2008 09:30:43	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	32655	No
137	GOM_NL_2PRFIN20080529_093315_00000352069_00036_32655_3592.N1	29-MAY-2008 09:33:15	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	32655	No
138	GOM_NL_2PRFIN20080529_094116_00000452069_00036_32655_3593.N1	29-MAY-2008 09:41:16	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	32655	No
139	GOM_NL_2PRFIN20080529_094600_00000552069_00036_32655_3594.N1	29-MAY-2008 09:46:00	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	32655	No
140	GOM_NL_2PRFIN20080529_095338_00000422069_00036_32655_3595.N1	29-MAY-2008 09:53:38	Bright	41.500	53	43Bet And	2.0480	3300.0	83	32655	No
141	GOM_NL_2PRFIN20080529_095617_00000502069_00036_32655_3596.N1	29-MAY-2008 09:56:17	Twilight	49.500	58	21Alp And	2.0730	11000.	99	32655	No
142	GOM_NL_2PRFIN20080529_100104_00000492069_00036_32655_3597.N1	29-MAY-2008 10:01:04	Dark	49.000	140	88Gam Peg	2.8340	26000.	98	32655	No
143	GOM_NL_2PRFIN20080529_101000_00000472069_00036_32655_3598.N1	29-MAY-2008 10:10:00	Dark	47.000	52	16Bet Cet	2.0370	4500.0	94	32655	No
144	GOM_NL_2PRFIN20080529_101821_00000562069_00036_32655_3599.N1	29-MAY-2008 10:18:21	Dark	56.000	18	24Alp PsA	1.1660	9700.0	112	32655	No
145	GOM_NL_2PRFIN20080529_102153_00000472069_00037_32656_3606.N1	29-MAY-2008 10:21:53	Dark	47.000	63	Bet Gru	2.1500	2800.0	94	32656	No
146	GOM_NL_2PRFIN20080529_102343_00000472069_00037_32656_3607.N1	29-MAY-2008 10:23:43	Dark	46.500	31	Alp Gru	1.7340	15200.	93	32656	No
147	GOM_NL_2PRFIN20080529_102849_00000422069_00037_32656_3608.N1	29-MAY-2008 10:28:49	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	32656	No
148	GOM_NL_2PRFIN20080529_103511_00000402069_00037_32656_3609.N1	29-MAY-2008 10:35:11	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	32656	No
149	GOM_NL_2PRFIN20080529_103805_00000462069_00037_32656_3610.N1	29-MAY-2008 10:38:05	Straylight	46.000	40	The Sco	1.8590	7100.0	92	32656	No
150	GOM_NL_2PRFIN20080529_103954_00000492069_00037_32656_3611.N1	29-MAY-2008 10:39:54	Twilight	49.000	25	35Lam Sco	1.6200	28000.	98	32656	No
151	GOM_NL_2PRFIN20080529_104144_00000482069_00037_32656_3612.N1	29-MAY-2008 10:41:44	Twilight	47.500	75	26Eps Sco	2.2910	4250.0	95	32656	No
152	GOM_NL_2PRFIN20080529_104348_00000422069_00037_32656_3613.N1	29-MAY-2008 10:43:48	Bright	41.500	136	23Tau Sco	2.8220	30000.	83	32656	No
153	GOM_NL_2PRFIN20080529_104556_00000402069_00037_32656_3614.N1	29-MAY-2008 10:45:56	Bright	39.500	80	7Del Sco	2.3160	30000.	79	32656	No
154	GOM_NL_2PRFIN20080529_104731_00000462069_00037_32656_3615.N1	29-MAY-2008 10:47:31	Bright	46.000	86	35Eta Oph	2.4300	10200.	92	32656	No
155	GOM_NL_2PRFIN20080529_104925_00000422069_00037_32656_3616.N1	29-MAY-2008 10:49:25	Bright	41.500	98	13Zet Oph	2.5710	30000.	83	32656	No
156	GOM_NL_2PRFIN20080529_105138_00000412069_00037_32656_3617.N1	29-MAY-2008 10:51:38	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	32656	No
157	GOM_NL_2PRFIN20080529_105440_00000382069_00037_32656_3618.N1	29-MAY-2008 10:54:40	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	32656	No
158	GOM_NL_2PRFIN20080529_110037_00000392069_00037_32656_3619.N1	29-MAY-2008 11:00:37	Bright	38.500	67	5Alp CrB	2.2210	11000.	77	32656	No
159	GOM_NL_2PRFIN20080529_110329_00000452069_00037_32656_3620.N1	29-MAY-2008 11:03:29	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	32656	No
160	GOM_NL_2PRFIN20080529_111118_00000382069_00037_32656_3621.N1	29-MAY-2008 11:11:18	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	32656	No



161	GOM_NL__2PRFIN20080529_111351_000000372069_00037_32656_3622.N1	29-MAY-2008 11:13:51	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	32656	No
162	GOM_NL__2PRFIN20080529_112151_000000462069_00037_32656_3623.N1	29-MAY-2008 11:21:51	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	32656	No
163	GOM_NL__2PRFIN20080529_112635_000000352069_00037_32656_3624.N1	29-MAY-2008 11:26:35	Bright	35.000	76	27Gam Cas	2.3000	30000.	70	32656	No
164	GOM_NL__2PRFIN20080529_113414_000000412069_00037_32656_3625.N1	29-MAY-2008 11:34:14	Bright	41.000	53	43Bet And	2.0480	3300.0	82	32656	No
165	GOM_NL__2PRFIN20080529_113653_000000502069_00037_32656_3626.N1	29-MAY-2008 11:36:53	Tw_i_and_stray	50.000	58	21Alp And	2.0730	11000.	100	32656	No
166	GOM_NL__2PRFIN20080529_114140_000000482069_00037_32656_3627.N1	29-MAY-2008 11:41:40	Dark	47.500	140	88Gam Peg	2.8340	26000.	95	32656	No
167	GOM_NL__2PRFIN20080529_115037_000000472069_00037_32656_3628.N1	29-MAY-2008 11:50:37	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	32656	No
168	GOM_NL__2PRFIN20080529_115858_000000562069_00037_32656_3629.N1	29-MAY-2008 11:58:58	Dark	56.000	18	24Alp PsA	1.1660	9700.0	112	32656	No
169	GOM_NL__2PRFIN20080529_120230_000000482069_00038_32657_3598.N1	29-MAY-2008 12:02:30	Dark	47.500	63	Bet Gru	2.1500	2800.0	95	32657	No
170	GOM_NL__2PRFIN20080529_120420_000000462069_00038_32657_3599.N1	29-MAY-2008 12:04:20	Dark	46.000	31	Alp Gru	1.7340	15200.	92	32657	No
171	GOM_NL__2PRFIN20080529_120926_000000422069_00038_32657_3600.N1	29-MAY-2008 12:09:26	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	32657	No
172	GOM_NL__2PRFIN20080529_121547_000000412069_00038_32657_3601.N1	29-MAY-2008 12:15:47	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	32657	No
173	GOM_NL__2PRFIN20080529_121841_000000442069_00038_32657_3602.N1	29-MAY-2008 12:18:41	Straylight	43.500	40	The Sco	1.8590	7100.0	87	32657	No
174	GOM_NL__2PRFIN20080529_122030_000000502069_00038_32657_3603.N1	29-MAY-2008 12:20:30	Tw_i_and_stray	50.000	25	35Lam Sco	1.6200	28000.	100	32657	No
175	GOM_NL__2PRFIN20080529_122220_000000452069_00038_32657_3604.N1	29-MAY-2008 12:22:20	Tw_i_and_stray	45.000	75	26Eps Sco	2.2910	4250.0	90	32657	No
176	GOM_NL__2PRFIN20080529_122424_000000412069_00038_32657_3605.N1	29-MAY-2008 12:24:24	Bright	41.000	136	23Tau Sco	2.8220	30000.	82	32657	No
177	GOM_NL__2PRFIN20080529_122632_000000412069_00038_32657_3606.N1	29-MAY-2008 12:26:32	Bright	40.500	80	7Del Sco	2.3160	30000.	81	32657	No
178	GOM_NL__2PRFIN20080529_122807_000000472069_00038_32657_3607.N1	29-MAY-2008 12:28:07	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	32657	No
179	GOM_NL__2PRFIN20080529_123001_000000412069_00038_32657_3608.N1	29-MAY-2008 12:30:01	Bright	41.000	98	13Zet Oph	2.5710	30000.	82	32657	No
180	GOM_NL__2PRFIN20080529_123214_000000412069_00038_32657_3609.N1	29-MAY-2008 12:32:14	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	32657	No
181	GOM_NL__2PRFIN20080529_123515_000000372069_00038_32657_3610.N1	29-MAY-2008 12:35:15	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	32657	No
182	GOM_NL__2PRFIN20080529_124113_000000362069_00038_32657_3611.N1	29-MAY-2008 12:41:13	Bright	36.000	67	5Alp CrB	2.2210	11000.	72	32657	No
183	GOM_NL__2PRFIN20080529_124405_000000452069_00038_32657_3612.N1	29-MAY-2008 12:44:05	Bright	45.000	133	40Zet Her	2.8070	6000.0	90	32657	No
184	GOM_NL__2PRFIN20080529_125154_000000382069_00038_32657_3613.N1	29-MAY-2008 12:51:54	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	32657	No
185	GOM_NL__2PRFIN20080529_125426_000000382069_00038_32657_3614.N1	29-MAY-2008 12:54:26	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	32657	No
186	GOM_NL__2PRFIN20080529_130227_000000462069_00038_32657_3615.N1	29-MAY-2008 13:02:27	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	32657	No
187	GOM_NL__2PRFIN20080529_130711_000000412069_00038_32657_3616.N1	29-MAY-2008 13:07:11	Bright	40.500	76	27Gam Cas	2.3000	30000.	81	32657	No
188	GOM_NL__2PRFIN20080529_131450_000000402069_00038_32657_3617.N1	29-MAY-2008 13:14:50	Bright	40.000	53	43Bet And	2.0480	3300.0	80	32657	No
189	GOM_NL__2PRFIN20080529_131729_000000522069_00038_32657_3618.N1	29-MAY-2008 13:17:29	Tw_i_and_stray	51.500	58	21Alp And	2.0730	11000.	103	32657	No
190	GOM_NL__2PRFIN20080529_132217_000000502069_00038_32657_3619.N1	29-MAY-2008 13:22:17	Dark	49.500	140	88Gam Peg	2.8340	26000.	99	32657	No
191	GOM_NL__2PRFIN20080529_133113_000000452069_00038_32657_3620.N1	29-MAY-2008 13:31:13	Dark	45.000	52	16Bet Cet	2.0370	4500.0	90	32657	No
192	GOM_NL__2PRFIN20080529_133936_000000532069_00038_32657_3621.N1	29-MAY-2008 13:39:36	Dark	53.000	18	24Alp PsA	1.1660	9700.0	106	32657	No
193	GOM_NL__2PRFIN20080529_134307_000000482069_00039_32658_3638.N1	29-MAY-2008 13:43:07	Dark	48.000	63	Bet Gru	2.1500	2800.0	96	32658	No
194	GOM_NL__2PRFIN20080529_134456_000000462069_00039_32658_3639.N1	29-MAY-2008 13:44:56	Dark	45.500	31	Alp Gru	1.7340	15200.	91	32658	No
195	GOM_NL__2PRFIN20080529_135002_000000422069_00039_32658_3640.N1	29-MAY-2008 13:50:02	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	32658	No
196	GOM_NL__2PRFIN20080529_135623_000000402069_00039_32658_3641.N1	29-MAY-2008 13:56:23	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	32658	No
197	GOM_NL__2PRFIN20080529_135918_000000482069_00039_32658_3642.N1	29-MAY-2008 13:59:18	Straylight	47.500	40	The Sco	1.8590	7100.0	95	32658	No
198	GOM_NL__2PRFIN20080529_140106_000000452069_00039_32658_3643.N1	29-MAY-2008 14:01:06	Tw_i_and_stray	45.000	25	35Lam Sco	1.6200	28000.	90	32658	No
199	GOM_NL__2PRFIN20080529_140256_000000462069_00039_32658_3644.N1	29-MAY-2008 14:02:56	Tw_i_and_stray	46.000	75	26Eps Sco	2.2910	4250.0	92	32658	No
200	GOM_NL__2PRFIN20080529_140501_000000412069_00039_32658_3645.N1	29-MAY-2008 14:05:01	Bright	40.500	136	23Tau Sco	2.8220	30000.	81	32658	No
201	GOM_NL__2PRFIN20080529_140708_000000402069_00039_32658_3646.N1	29-MAY-2008 14:07:08	Bright	40.000	80	7Del Sco	2.3160	30000.	80	32658	No
202	GOM_NL__2PRFIN20080529_140843_000000472069_00039_32658_3647.N1	29-MAY-2008 14:08:43	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	32658	No
203	GOM_NL__2PRFIN20080529_141037_000000412069_00039_32658_3648.N1	29-MAY-2008 14:10:37	Bright	40.500	98	13Zet Oph	2.5710	30000.	81	32658	No
204	GOM_NL__2PRFIN20080529_141250_000000412069_00039_32658_3649.N1	29-MAY-2008 14:12:50	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	32658	No
205	GOM_NL__2PRFIN20080529_141551_000000382069_00039_32658_3650.N1	29-MAY-2008 14:15:51	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	32658	No
206	GOM_NL__2PRFIN20080529_142149_000000382069_00039_32658_3651.N1	29-MAY-2008 14:21:49	Bright	37.500	67	5Alp CrB	2.2210	11000.	75	32658	No
207	GOM_NL__2PRFIN20080529_142440_000000462069_00039_32658_3652.N1	29-MAY-2008 14:24:40	Bright	45.500	133	40Zet Her	2.8070	6000.0	91	32658	No
208	GOM_NL__2PRFIN20080529_143229_000000372069_00039_32658_3653.N1	29-MAY-2008 14:32:29	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	32658	No
209	GOM_NL__2PRFIN20080529_143502_000000372069_00039_32658_3654.N1	29-MAY-2008 14:35:02	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	32658	No
210	GOM_NL__2PRFIN20080529_144302_000000632069_00039_32658_3655.N1	29-MAY-2008 14:43:02	Bright	63.000	89	5Alp Cep	2.4510	8000.0	126	32658	No
211	GOM_NL__2PRFIN20080529_144747_000000372069_00039_32658_3656.N1	29-MAY-2008 14:47:47	Bright	36.500	76	27Gam Cas	2.3000	30000.	73	32658	No
212	GOM_NL__2PRFIN20080529_145526_000000412069_00039_32658_3657.N1	29-MAY-2008 14:55:26	Bright	40.500	53	43Bet And	2.0480	3300.0	81	32658	No
213	GOM_NL__2PRFIN20080529_145805_000000522069_00039_32658_3658.N1	29-MAY-2008 14:58:05	Tw_i_and_stray	52.000	58	21Alp And	2.0730	11000.	104	32658	No
214	GOM_NL__2PRFIN20080529_150253_000000492069_00039_32658_3659.N1	29-MAY-2008 15:02:53	Dark	48.500	140	88Gam Peg	2.8340	26000.	97	32658	No
215	GOM_NL__2PRFIN20080529_151150_000000462069_00039_32658_3660.N1	29-MAY-2008 15:11:50	Dark	45.500	52	16Bet Cet	2.0370	4500.0	91	32658	No
216	GOM_NL__2PRFIN20080529_152013_000000602069_00039_32658_3661.N1	29-MAY-2008 15:20:13	Dark	59.500	18	24Alp PsA	1.1660	9700.0	119	32658	No
217	GOM_NL__2PRFIN20080529_152343_000000532069_00040_32659_3639.N1	29-MAY-2008 15:23:43	Dark	52.500	63	Bet Gru	2.1500	2800.0	105	32659	No
218	GOM_NL__2PRFIN20080529_152533_000000472069_00040_32659_3640.N1	29-MAY-2008 15:25:33	Dark	46.500	31	Alp Gru	1.7340	15200.	93	32659	No
219	GOM_NL__2PRFIN20080529_153039_000000432069_00040_32659_3641.N1	29-MAY-2008 15:30:39	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	32659	No



220	GOM_NL__2PRFIN20080529_153700_000000402069_00040_32659_3642.N1	29-MAY-2008 15:37:00	Straylight	39.500	141	Bet Ara	2.8400	4600.0	79	32659	No
221	GOM_NL__2PRFIN20080529_153954_000000472069_00040_32659_3643.N1	29-MAY-2008 15:39:54	Straylight	46.500	40	The Sco	1.8590	7100.0	93	32659	No
222	GOM_NL__2PRFIN20080529_154143_000000472069_00040_32659_3644.N1	29-MAY-2008 15:41:43	Tw_i_and_stray	46.500	25	35Lam Sco	1.6200	28000.	93	32659	No
223	GOM_NL__2PRFIN20080529_154333_000000462069_00040_32659_3645.N1	29-MAY-2008 15:43:33	Tw_i_and_stray	46.000	75	26Eps Sco	2.2910	4250.0	92	32659	No
224	GOM_NL__2PRFIN20080529_154537_000000432069_00040_32659_3646.N1	29-MAY-2008 15:45:37	Bright	42.500	136	23Tau Sco	2.8220	30000.	85	32659	No
225	GOM_NL__2PRFIN20080529_154744_000000392069_00040_32659_3647.N1	29-MAY-2008 15:47:44	Bright	39.000	80	7Del Sco	2.3160	30000.	78	32659	No
226	GOM_NL__2PRFIN20080529_154919_000000472069_00040_32659_3648.N1	29-MAY-2008 15:49:19	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	32659	No
227	GOM_NL__2PRFIN20080529_155113_000000412069_00040_32659_3649.N1	29-MAY-2008 15:51:13	Bright	41.000	98	13Zet Oph	2.5710	30000.	82	32659	No
228	GOM_NL__2PRFIN20080529_155326_000000402069_00040_32659_3650.N1	29-MAY-2008 15:53:26	Bright	40.000	120	1Del Oph	2.7340	3200.0	80	32659	No
229	GOM_NL__2PRFIN20080529_155627_000000382069_00040_32659_3651.N1	29-MAY-2008 15:56:27	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	32659	No
230	GOM_NL__2PRFIN20080529_160224_000000382069_00040_32659_3652.N1	29-MAY-2008 16:02:24	Bright	37.500	67	5Alp CrB	2.2210	11000.	75	32659	No
231	GOM_NL__2PRFIN20080529_160516_000000422069_00040_32659_3653.N1	29-MAY-2008 16:05:16	Bright	42.000	133	40Zet Her	2.8070	6000.0	84	32659	No
232	GOM_NL__2PRFIN20080529_161305_000000402069_00040_32659_3654.N1	29-MAY-2008 16:13:05	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	32659	No
233	GOM_NL__2PRFIN20080529_161538_000000352069_00040_32659_3655.N1	29-MAY-2008 16:15:38	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	32659	No
234	GOM_NL__2PRFIN20080529_162338_000000562069_00040_32659_3656.N1	29-MAY-2008 16:23:38	Bright	56.000	89	5Alp Cep	2.4510	8000.0	112	32659	No
235	GOM_NL__2PRFIN20080529_162823_000000372069_00040_32659_3657.N1	29-MAY-2008 16:28:23	Bright	37.000	76	27Gam Cas	2.3000	30000.	74	32659	No
236	GOM_NL__2PRFIN20080529_163602_000000402069_00040_32659_3658.N1	29-MAY-2008 16:36:02	Bright	40.000	53	43Bet And	2.0480	3300.0	80	32659	No
237	GOM_NL__2PRFIN20080529_163841_000000522069_00040_32659_3659.N1	29-MAY-2008 16:38:41	Tw_i_and_stray	52.000	58	21Alp And	2.0730	11000.	104	32659	No
238	GOM_NL__2PRFIN20080529_164330_000000502069_00040_32659_3660.N1	29-MAY-2008 16:43:30	Dark	50.000	140	88Gam Peg	2.8340	26000.	100	32659	No
239	GOM_NL__2PRFIN20080529_165226_000000462069_00040_32659_3661.N1	29-MAY-2008 16:52:26	Dark	45.500	52	16Bet Cet	2.0370	4500.0	91	32659	No
240	GOM_NL__2PRFIN20080529_170050_000000512069_00040_32659_3662.N1	29-MAY-2008 17:00:50	Dark	51.000	18	24Alp PsA	1.1660	9700.0	102	32659	No
241	GOM_NL__2PRFIN20080529_170420_000000462069_00041_32660_3648.N1	29-MAY-2008 17:04:20	Dark	46.000	63	Bet Gru	2.1500	2800.0	92	32660	No
242	GOM_NL__2PRFIN20080529_170610_000000442069_00041_32660_3649.N1	29-MAY-2008 17:06:10	Dark	44.000	31	Alp Gru	1.7340	15200.	88	32660	No
243	GOM_NL__2PRFIN20080529_171116_000000412069_00041_32660_3650.N1	29-MAY-2008 17:11:16	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	32660	No
244	GOM_NL__2PRFIN20080529_171736_000000382069_00041_32660_3651.N1	29-MAY-2008 17:17:36	Straylight	38.000	141	Bet Ara	2.8400	4600.0	76	32660	No
245	GOM_NL__2PRFIN20080529_172030_000000472069_00041_32660_3652.N1	29-MAY-2008 17:20:30	Straylight	47.000	40	The Sco	1.8590	7100.0	94	32660	No
246	GOM_NL__2PRFIN20080529_172219_000000492069_00041_32660_3653.N1	29-MAY-2008 17:22:19	Tw_i_and_stray	48.500	25	35Lam Sco	1.6200	28000.	97	32660	No
247	GOM_NL__2PRFIN20080529_172409_000000422069_00041_32660_3654.N1	29-MAY-2008 17:24:09	Tw_i_and_stray	42.000	75	26Eps Sco	2.2910	4250.0	84	32660	No
248	GOM_NL__2PRFIN20080529_172613_000000442069_00041_32660_3655.N1	29-MAY-2008 17:26:13	Bright	44.000	136	23Tau Sco	2.8220	30000.	88	32660	No
249	GOM_NL__2PRFIN20080529_172820_000000402069_00041_32660_3656.N1	29-MAY-2008 17:28:20	Bright	39.500	80	7Del Sco	2.3160	30000.	79	32660	No
250	GOM_NL__2PRFIN20080529_172955_000000452069_00041_32660_3657.N1	29-MAY-2008 17:29:55	Bright	45.000	86	35Eta Oph	2.4300	10200.	90	32660	No
251	GOM_NL__2PRFIN20080529_173149_000000412069_00041_32660_3658.N1	29-MAY-2008 17:31:49	Bright	40.500	98	13Zet Oph	2.5710	30000.	81	32660	No
252	GOM_NL__2PRFIN20080529_173402_000000402069_00041_32660_3659.N1	29-MAY-2008 17:34:02	Bright	40.000	120	1Del Oph	2.7340	3200.0	80	32660	No
253	GOM_NL__2PRFIN20080529_173703_000000382069_00041_32660_3660.N1	29-MAY-2008 17:37:03	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	32660	No
254	GOM_NL__2PRFIN20080529_174300_000000372069_00041_32660_3661.N1	29-MAY-2008 17:43:00	Bright	37.000	67	5Alp CrB	2.2210	11000.	74	32660	No
255	GOM_NL__2PRFIN20080529_174551_000000432069_00041_32660_3662.N1	29-MAY-2008 17:45:51	Bright	42.500	133	40Zet Her	2.8070	6000.0	85	32660	No
256	GOM_NL__2PRFIN20080529_175341_000000392069_00041_32660_3663.N1	29-MAY-2008 17:53:41	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	32660	No
257	GOM_NL__2PRFIN20080529_175614_000000362069_00041_32660_3664.N1	29-MAY-2008 17:56:14	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	32660	No
258	GOM_NL__2PRFIN20080529_180413_000000472069_00041_32660_3665.N1	29-MAY-2008 18:04:13	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	32660	No
259	GOM_NL__2PRFIN20080529_180859_000000552069_00041_32660_3666.N1	29-MAY-2008 18:08:59	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	32660	No
260	GOM_NL__2PRFIN20080529_181638_000000422069_00041_32660_3667.N1	29-MAY-2008 18:16:38	Bright	41.500	53	43Bet And	2.0480	3300.0	83	32660	No
261	GOM_NL__2PRFIN20080529_181918_000000552069_00041_32660_3668.N1	29-MAY-2008 18:19:18	Tw_i_and_stray	55.000	58	21Alp And	2.0730	11000.	110	32660	No
262	GOM_NL__2PRFIN20080529_182406_000000482069_00041_32660_3669.N1	29-MAY-2008 18:24:06	Dark	48.000	140	88Gam Peg	2.8340	26000.	96	32660	No
263	GOM_NL__2PRFIN20080529_183303_000000472069_00041_32660_3670.N1	29-MAY-2008 18:33:03	Dark	47.000	52	16Bet Cet	2.0370	4500.0	94	32660	No
264	GOM_NL__2PRFIN20080529_184127_000000542069_00041_32660_3671.N1	29-MAY-2008 18:41:27	Dark	54.000	18	24Alp PsA	1.1660	9700.0	108	32660	No
265	GOM_NL__2PRFIN20080529_184457_000000462069_00042_32661_3681.N1	29-MAY-2008 18:44:57	Dark	46.000	63	Bet Gru	2.1500	2800.0	92	32661	No
266	GOM_NL__2PRFIN20080529_184647_000000472069_00042_32661_3682.N1	29-MAY-2008 18:46:47	Dark	47.000	31	Alp Gru	1.7340	15200.	94	32661	No
267	GOM_NL__2PRFIN20080529_185152_000000432069_00042_32661_3683.N1	29-MAY-2008 18:51:52	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	32661	No
268	GOM_NL__2PRFIN20080529_185812_000000392069_00042_32661_3684.N1	29-MAY-2008 18:58:12	Straylight	38.500	141	Bet Ara	2.8400	4600.0	77	32661	No
269	GOM_NL__2PRFIN20080529_190107_000000522069_00042_32661_3685.N1	29-MAY-2008 19:01:07	Straylight	52.000	40	The Sco	1.8590	7100.0	104	32661	No
270	GOM_NL__2PRFIN20080529_190256_000000462069_00042_32661_3686.N1	29-MAY-2008 19:02:56	Tw_i_and_stray	45.500	25	35Lam Sco	1.6200	28000.	91	32661	No
271	GOM_NL__2PRFIN20080529_190445_000000492069_00042_32661_3687.N1	29-MAY-2008 19:04:45	Tw_i_and_stray	48.500	75	26Eps Sco	2.2910	4250.0	97	32661	No
272	GOM_NL__2PRFIN20080529_190649_000000432069_00042_32661_3688.N1	29-MAY-2008 19:06:49	Bright	42.500	136	23Tau Sco	2.8220	30000.	85	32661	No
273	GOM_NL__2PRFIN20080529_190856_000000402069_00042_32661_3689.N1	29-MAY-2008 19:08:56	Bright	40.000	80	7Del Sco	2.3160	30000.	80	32661	No
274	GOM_NL__2PRFIN20080529_191032_000000472069_00042_32661_3690.N1	29-MAY-2008 19:10:32	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	32661	No
275	GOM_NL__2PRFIN20080529_191225_000000422069_00042_32661_3691.N1	29-MAY-2008 19:12:25	Bright	42.000	98	13Zet Oph	2.5710	30000.	84	32661	No
276	GOM_NL__2PRFIN20080529_191438_000000412069_00042_32661_3692.N1	29-MAY-2008 19:14:38	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	32661	No
277	GOM_NL__2PRFIN20080529_191739_000000372069_00042_32661_3693.N1	29-MAY-2008 19:17:39	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	32661	No
278	GOM_NL__2PRFIN20080529_192336_000000382069_00042_32661_3694.N1	29-MAY-2008 19:23:36	Bright	38.000	67	5Alp CrB	2.2210	11000.	76	32661	No

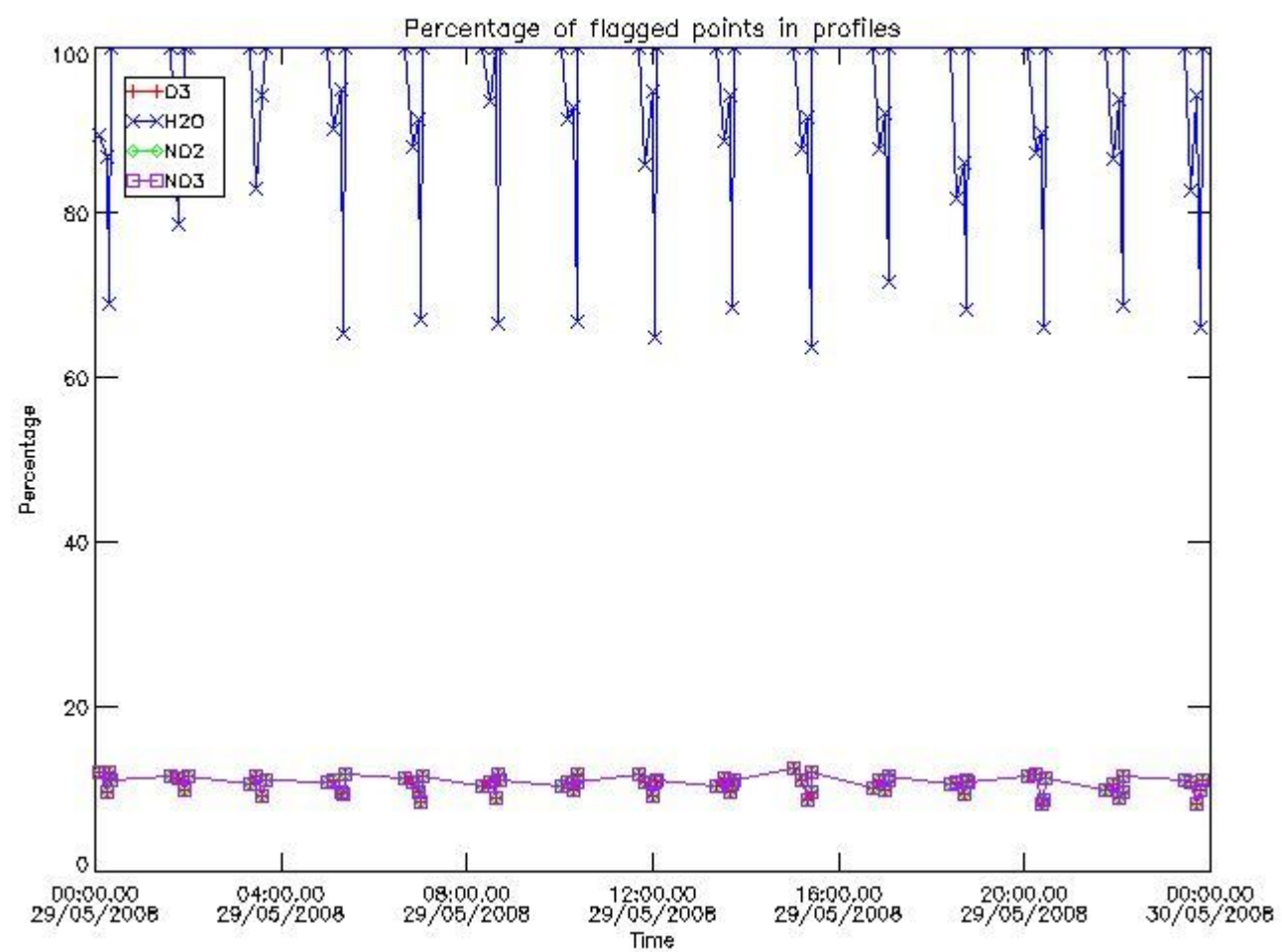
279	GOM_NL__2PRFIN20080529_192626_00000432069_00042_32661_3695.N1	29-MAY-2008 19:26:26	Bright	43.000	133	40Zet Her	2.8070	6000.0	86	32661	No
280	GOM_NL__2PRFIN20080529_193416_00000382069_00042_32661_3696.N1	29-MAY-2008 19:34:16	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	32661	No
281	GOM_NL__2PRFIN20080529_193650_00000372069_00042_32661_3697.N1	29-MAY-2008 19:36:50	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	32661	No
282	GOM_NL__2PRFIN20080529_194448_00000462069_00042_32661_3698.N1	29-MAY-2008 19:44:48	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	32661	No
283	GOM_NL__2PRFIN20080529_194935_00000472069_00042_32661_3699.N1	29-MAY-2008 19:49:35	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	32661	No
284	GOM_NL__2PRFIN20080529_195714_00000422069_00042_32661_3700.N1	29-MAY-2008 19:57:14	Bright	41.500	53	43Bet And	2.0480	3300.0	83	32661	No
285	GOM_NL__2PRFIN20080529_195954_00000542069_00042_32661_3701.N1	29-MAY-2008 19:59:54	Twilight_stray	53.500	58	21Alp And	2.0730	11000.	107	32661	No
286	GOM_NL__2PRFIN20080529_200442_00000492069_00042_32661_3702.N1	29-MAY-2008 20:04:42	Dark	48.500	140	88Gam Peg	2.8340	26000.	97	32661	No
287	GOM_NL__2PRFIN20080529_201339_00000472069_00042_32661_3703.N1	29-MAY-2008 20:13:39	Dark	47.000	52	16Bet Cet	2.0370	4500.0	94	32661	No
288	GOM_NL__2PRFIN20080529_202204_00000632069_00042_32661_3704.N1	29-MAY-2008 20:22:04	Dark	63.000	18	24Alp PsA	1.1660	9700.0	126	32661	No
289	GOM_NL__2PRFIN20080529_202534_00000582069_00043_32662_3672.N1	29-MAY-2008 20:25:34	Dark	58.000	63	Bet Gru	2.1500	2800.0	116	32662	No
290	GOM_NL__2PRFIN20080529_202724_00000452069_00043_32662_3673.N1	29-MAY-2008 20:27:24	Dark	45.000	31	Alp Gru	1.7340	15200.	90	32662	No
291	GOM_NL__2PRFIN20080529_203229_00000422069_00043_32662_3674.N1	29-MAY-2008 20:32:29	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	32662	No
292	GOM_NL__2PRFIN20080529_203849_00000442069_00043_32662_3675.N1	29-MAY-2008 20:38:49	Straylight	44.000	141	Bet Ara	2.8400	4600.0	88	32662	No
293	GOM_NL__2PRFIN20080529_204143_00000432069_00043_32662_3676.N1	29-MAY-2008 20:41:43	Straylight	43.000	40	The Sco	1.8590	7100.0	86	32662	No
294	GOM_NL__2PRFIN20080529_204332_00000502069_00043_32662_3677.N1	29-MAY-2008 20:43:32	Twilight_stray	49.500	25	35Lam Sco	1.6200	28000.	99	32662	No
295	GOM_NL__2PRFIN20080529_204521_00000472069_00043_32662_3678.N1	29-MAY-2008 20:45:21	Twilight_stray	46.500	75	26Eps Sco	2.2910	4250.0	93	32662	No
296	GOM_NL__2PRFIN20080529_204725_00000422069_00043_32662_3679.N1	29-MAY-2008 20:47:25	Bright	42.000	136	23Tau Sco	2.8220	30000.	84	32662	No
297	GOM_NL__2PRFIN20080529_204932_00000392069_00043_32662_3680.N1	29-MAY-2008 20:49:32	Bright	39.000	80	7Del Sco	2.3160	30000.	78	32662	No
298	GOM_NL__2PRFIN20080529_205107_00000462069_00043_32662_3681.N1	29-MAY-2008 20:51:07	Bright	46.000	86	35Eta Oph	2.4300	10200.	92	32662	No
299	GOM_NL__2PRFIN20080529_205301_00000422069_00043_32662_3682.N1	29-MAY-2008 20:53:01	Bright	42.000	98	13Zet Oph	2.5710	30000.	84	32662	No
300	GOM_NL__2PRFIN20080529_205514_00000412069_00043_32662_3683.N1	29-MAY-2008 20:55:14	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	32662	No
301	GOM_NL__2PRFIN20080529_205815_00000372069_00043_32662_3684.N1	29-MAY-2008 20:58:15	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	32662	No
302	GOM_NL__2PRFIN20080529_210412_00000382069_00043_32662_3685.N1	29-MAY-2008 21:04:12	Bright	38.000	67	5Alp CrB	2.2210	11000.	76	32662	No
303	GOM_NL__2PRFIN20080529_210702_00000452069_00043_32662_3686.N1	29-MAY-2008 21:07:02	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	32662	No
304	GOM_NL__2PRFIN20080529_211452_00000402069_00043_32662_3687.N1	29-MAY-2008 21:14:52	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	32662	No
305	GOM_NL__2PRFIN20080529_211726_00000382069_00043_32662_3688.N1	29-MAY-2008 21:17:26	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	32662	No
306	GOM_NL__2PRFIN20080529_212524_00000462069_00043_32662_3689.N1	29-MAY-2008 21:25:24	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	32662	No
307	GOM_NL__2PRFIN20080529_213011_00000352069_00043_32662_3690.N1	29-MAY-2008 21:30:11	Bright	35.000	76	27Gam Cas	2.3000	30000.	70	32662	No
308	GOM_NL__2PRFIN20080529_213751_00000432069_00043_32662_3691.N1	29-MAY-2008 21:37:51	Bright	42.500	53	43Bet And	2.0480	3300.0	85	32662	No
309	GOM_NL__2PRFIN20080529_214030_00000512069_00043_32662_3692.N1	29-MAY-2008 21:40:30	Twilight_stray	50.500	58	21Alp And	2.0730	11000.	101	32662	No
310	GOM_NL__2PRFIN20080529_214519_00000512069_00043_32662_3693.N1	29-MAY-2008 21:45:19	Dark	51.000	140	88Gam Peg	2.8340	26000.	102	32662	No
311	GOM_NL__2PRFIN20080529_215416_00000492069_00043_32662_3694.N1	29-MAY-2008 21:54:16	Dark	48.500	52	16Bet Cet	2.0370	4500.0	97	32662	No
312	GOM_NL__2PRFIN20080529_220241_00000572069_00043_32662_3695.N1	29-MAY-2008 22:02:41	Dark	56.500	18	24Alp PsA	1.1660	9700.0	113	32662	No
313	GOM_NL__2PRFIN20080529_220610_00000532069_00044_32663_3680.N1	29-MAY-2008 22:06:10	Dark	53.000	63	Bet Gru	2.1500	2800.0	106	32663	No
314	GOM_NL__2PRFIN20080529_220801_00000452069_00044_32663_3681.N1	29-MAY-2008 22:08:01	Dark	44.500	31	Alp Gru	1.7340	15200.	89	32663	No
315	GOM_NL__2PRFIN20080529_221305_00000432069_00044_32663_3682.N1	29-MAY-2008 22:13:05	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	32663	No
316	GOM_NL__2PRFIN20080529_221925_00000392069_00044_32663_3683.N1	29-MAY-2008 22:19:25	Straylight	39.000	141	Bet Ara	2.8400	4600.0	78	32663	No
317	GOM_NL__2PRFIN20080529_222220_00000422069_00044_32663_3684.N1	29-MAY-2008 22:22:20	Straylight	42.000	40	The Sco	1.8590	7100.0	84	32663	No
318	GOM_NL__2PRFIN20080529_222408_00000472069_00044_32663_3685.N1	29-MAY-2008 22:24:08	Twilight_stray	46.500	25	35Lam Sco	1.6200	28000.	93	32663	No
319	GOM_NL__2PRFIN20080529_222558_00000442069_00044_32663_3686.N1	29-MAY-2008 22:25:58	Twilight_stray	44.000	75	26Eps Sco	2.2910	4250.0	88	32663	No
320	GOM_NL__2PRFIN20080529_222802_00000472069_00044_32663_3687.N1	29-MAY-2008 22:28:02	Bright	46.500	136	23Tau Sco	2.8220	30000.	93	32663	No
321	GOM_NL__2PRFIN20080529_223008_00000402069_00044_32663_3688.N1	29-MAY-2008 22:30:08	Bright	40.000	80	7Del Sco	2.3160	30000.	80	32663	No
322	GOM_NL__2PRFIN20080529_223143_00000472069_00044_32663_3689.N1	29-MAY-2008 22:31:43	Bright	46.500	86	35Eta Oph	2.4300	10200.	93	32663	No
323	GOM_NL__2PRFIN20080529_223337_00000422069_00044_32663_3690.N1	29-MAY-2008 22:33:37	Bright	42.000	98	13Zet Oph	2.5710	30000.	84	32663	No
324	GOM_NL__2PRFIN20080529_223549_00000412069_00044_32663_3691.N1	29-MAY-2008 22:35:49	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	32663	No
325	GOM_NL__2PRFIN20080529_223851_00000372069_00044_32663_3692.N1	29-MAY-2008 22:38:51	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	32663	No
326	GOM_NL__2PRFIN20080529_224447_00000372069_00044_32663_3693.N1	29-MAY-2008 22:44:47	Bright	37.000	67	5Alp CrB	2.2210	11000.	74	32663	No
327	GOM_NL__2PRFIN20080529_224737_00000432069_00044_32663_3694.N1	29-MAY-2008 22:47:37	Bright	43.000	133	40Zet Her	2.8070	6000.0	86	32663	No
328	GOM_NL__2PRFIN20080529_225528_00000382069_00044_32663_3695.N1	29-MAY-2008 22:55:28	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	32663	No
329	GOM_NL__2PRFIN20080529_225802_00000372069_00044_32663_3696.N1	29-MAY-2008 22:58:02	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	32663	No
330	GOM_NL__2PRFIN20080529_230559_00000452069_00044_32663_3697.N1	29-MAY-2008 23:05:59	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	32663	No
331	GOM_NL__2PRFIN20080529_231046_00000552069_00044_32663_3698.N1	29-MAY-2008 23:10:46	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	32663	No
332	GOM_NL__2PRFIN20080529_231826_00000422069_00044_32663_3699.N1	29-MAY-2008 23:18:26	Bright	41.500	53	43Bet And	2.0480	3300.0	83	32663	No
333	GOM_NL__2PRFIN20080529_232106_00000522069_00044_32663_3700.N1	29-MAY-2008 23:21:06	Twilight_stray	52.000	58	21Alp And	2.0730	11000.	104	32663	No
334	GOM_NL__2PRFIN20080529_232555_00000512069_00044_32663_3701.N1	29-MAY-2008 23:25:55	Dark	50.500	140	88Gam Peg	2.8340	26000.	101	32663	No
335	GOM_NL__2PRFIN20080529_233452_00000472069_00044_32663_3702.N1	29-MAY-2008 23:34:52	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	32663	No
336	GOM_NL__2PRFIN20080529_234318_00000622069_00044_32663_3703.N1	29-MAY-2008 23:43:18	Dark	62.000	18	24Alp PsA	1.1660	9700.0	124	32663	No
337	GOM_NL__2PRFIN20080529_234647_00000572069_00045_32664_3684.N1	29-MAY-2008 23:46:47	Dark	56.500	63	Bet Gru	2.1500	2800.0	113	32664	No

338	GOM_NL__2PRFIN20080529_234837_000000462069_00045_32664_3685.N1	29-MAY-2008 23:48:37	Dark	45.500	31	Alp Gru	1.7340	15200.	91	32664	No
339	GOM_NL__2PRFIN20080529_235342_000000442069_00045_32664_3686.N1	29-MAY-2008 23:53:42	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	32664	No

### 3. Quality information per product

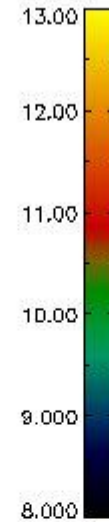
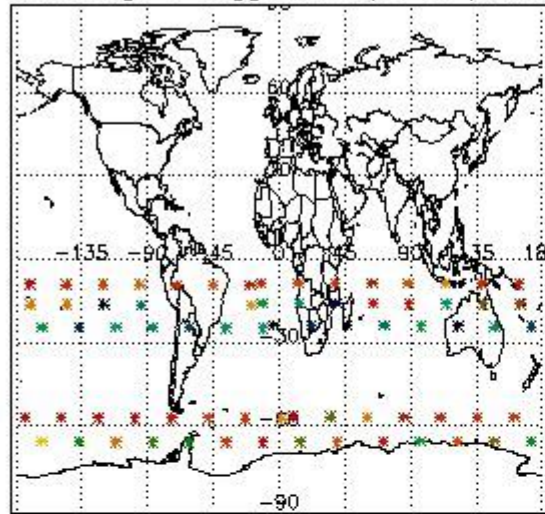
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

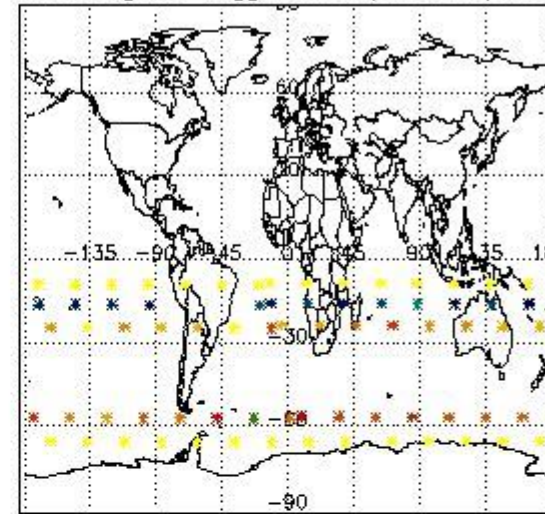


#### 3.2 Plot quality information per product (world map)

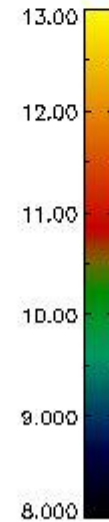
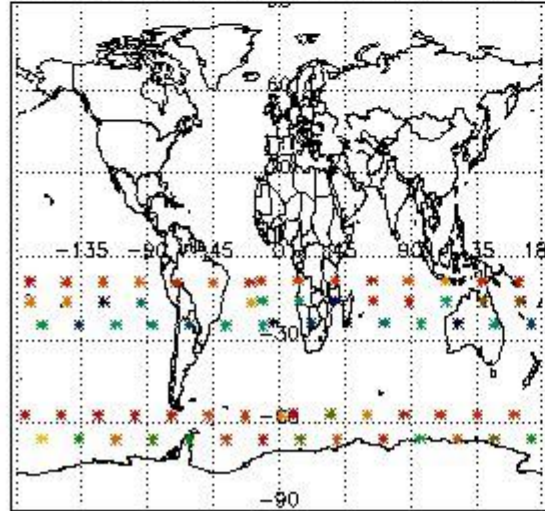
Percentage of flagged data per O3 profile



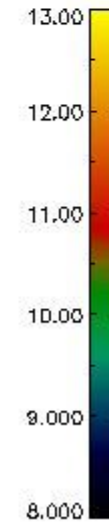
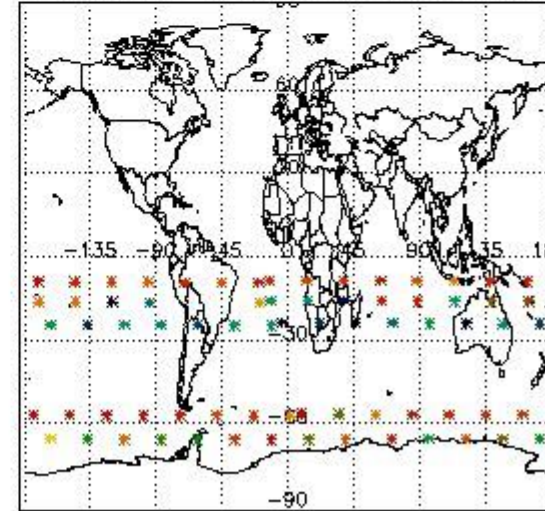
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

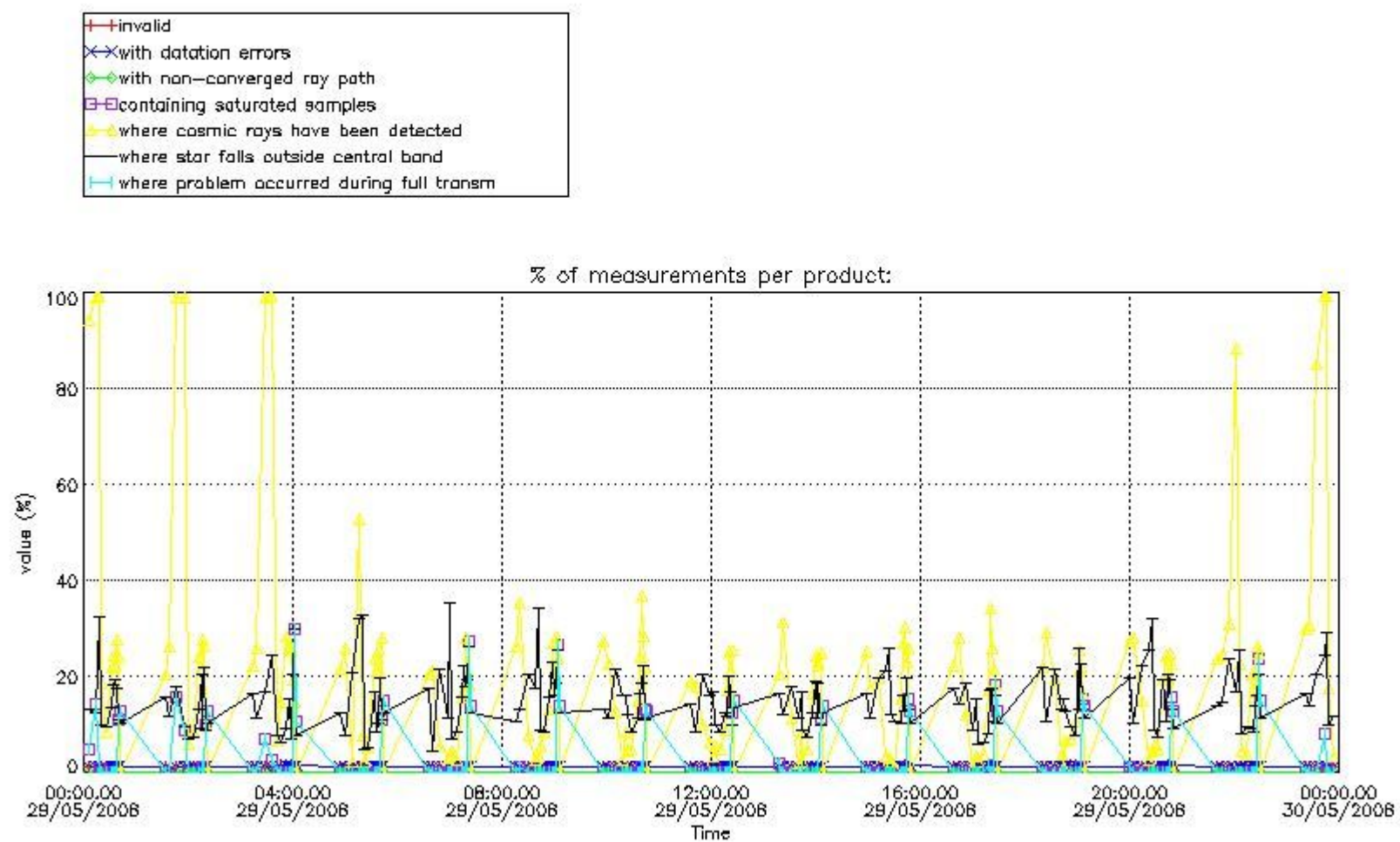


#### 4. Level 1 quality information per product

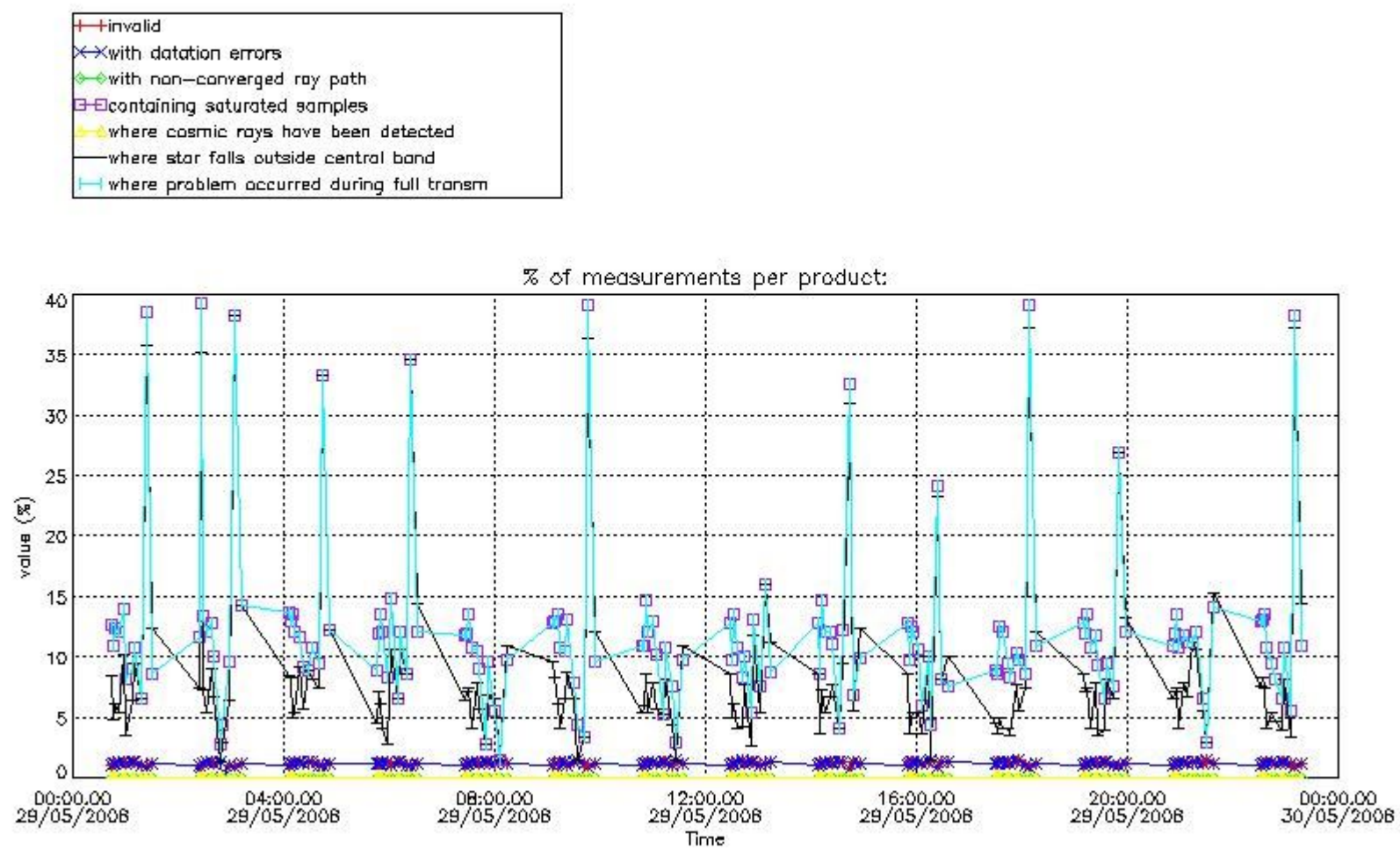
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

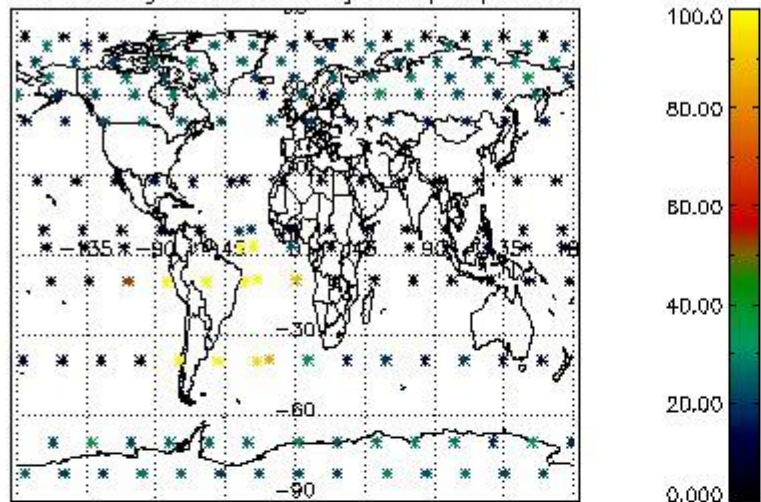


4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes

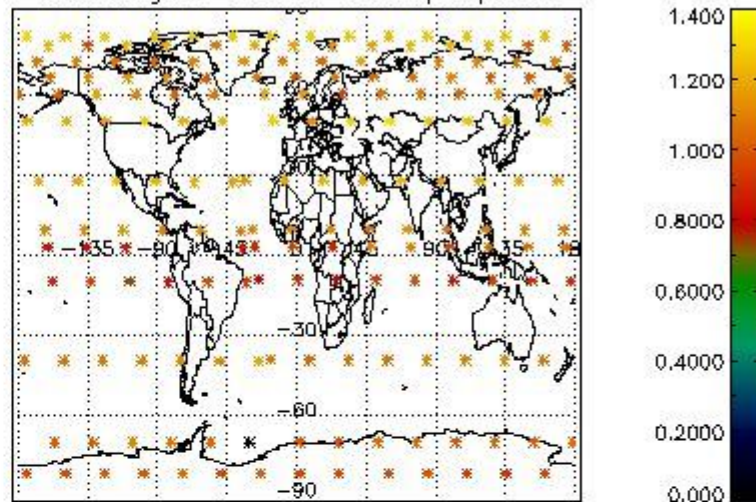


4.2 Plot quality information per product coming from level 1b processing (world map)  
 4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

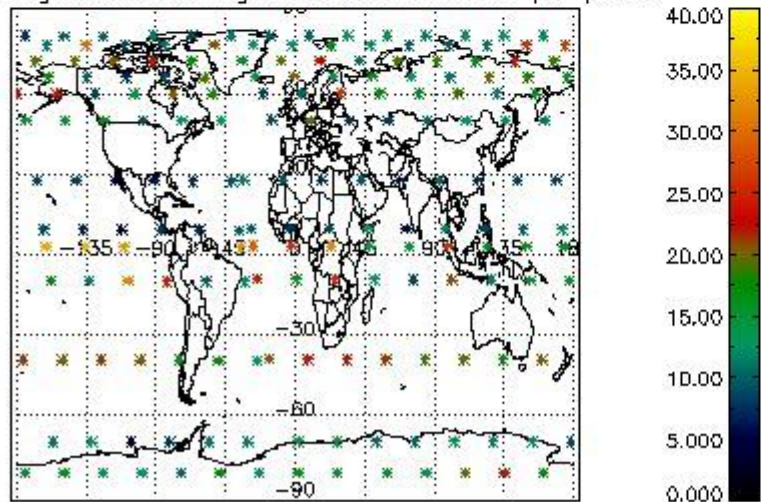
Percentage of cosmic ray hits per profile



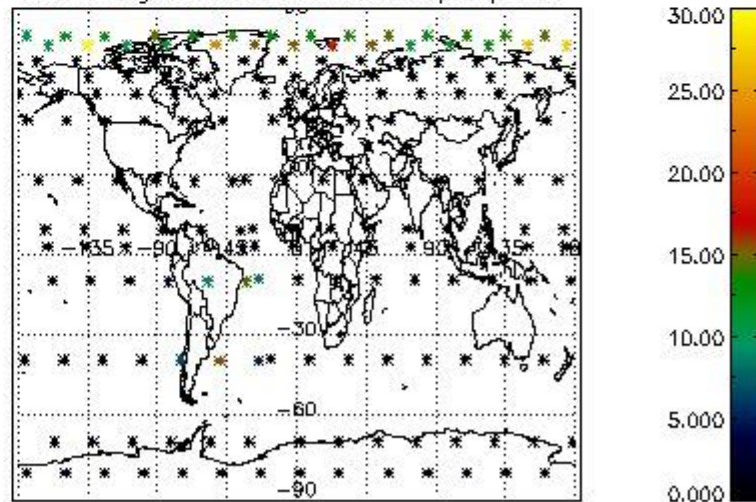
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

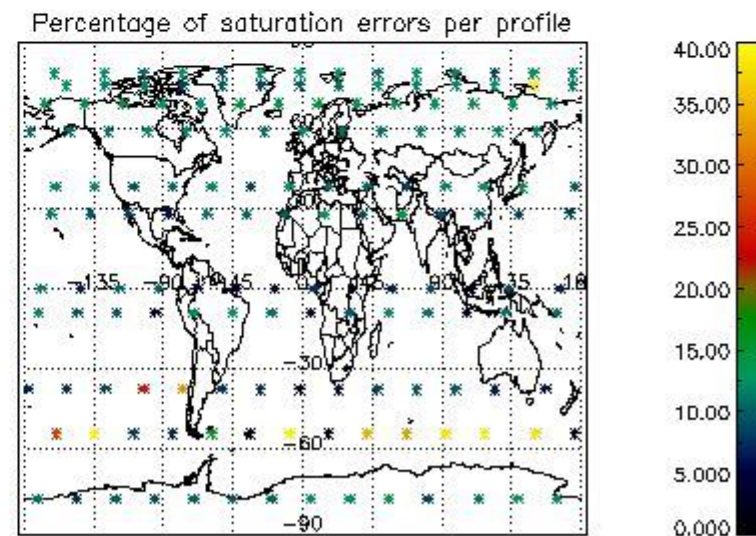
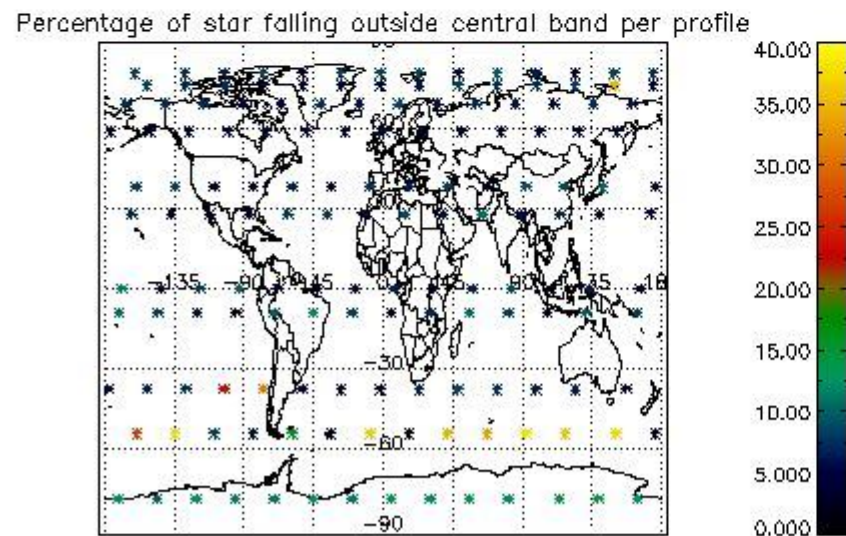
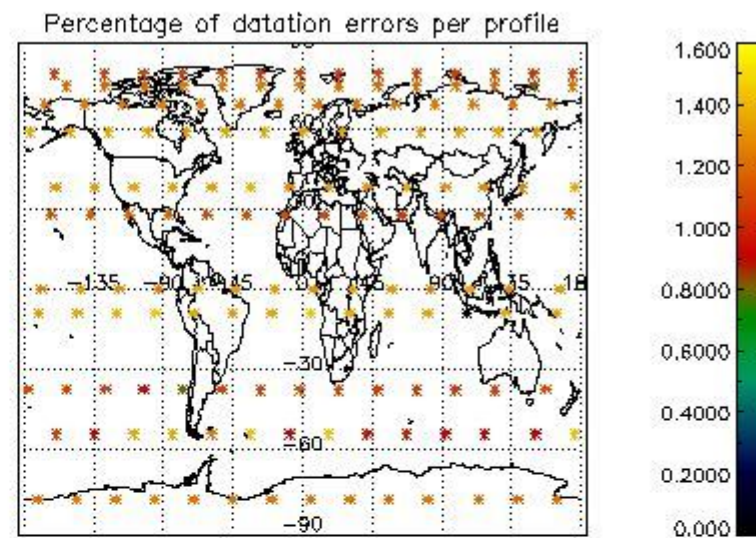
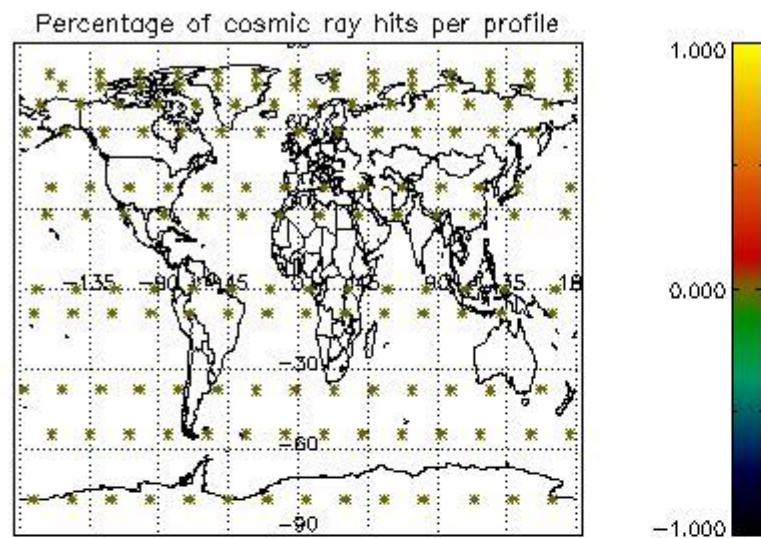


Percentage of saturation errors per profile



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

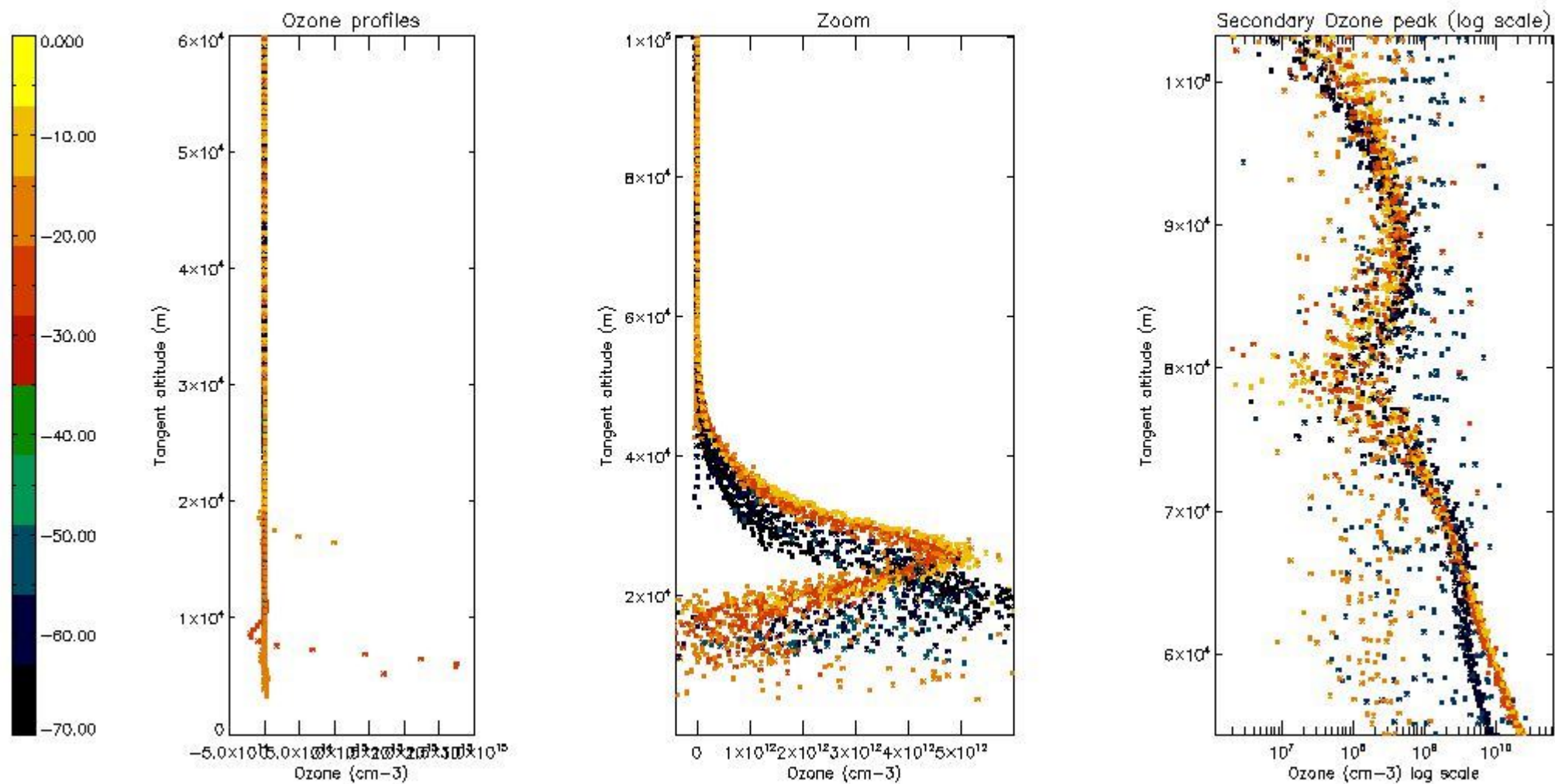
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	25
STD < 20	12

STD < 10	9
STD < 5	6

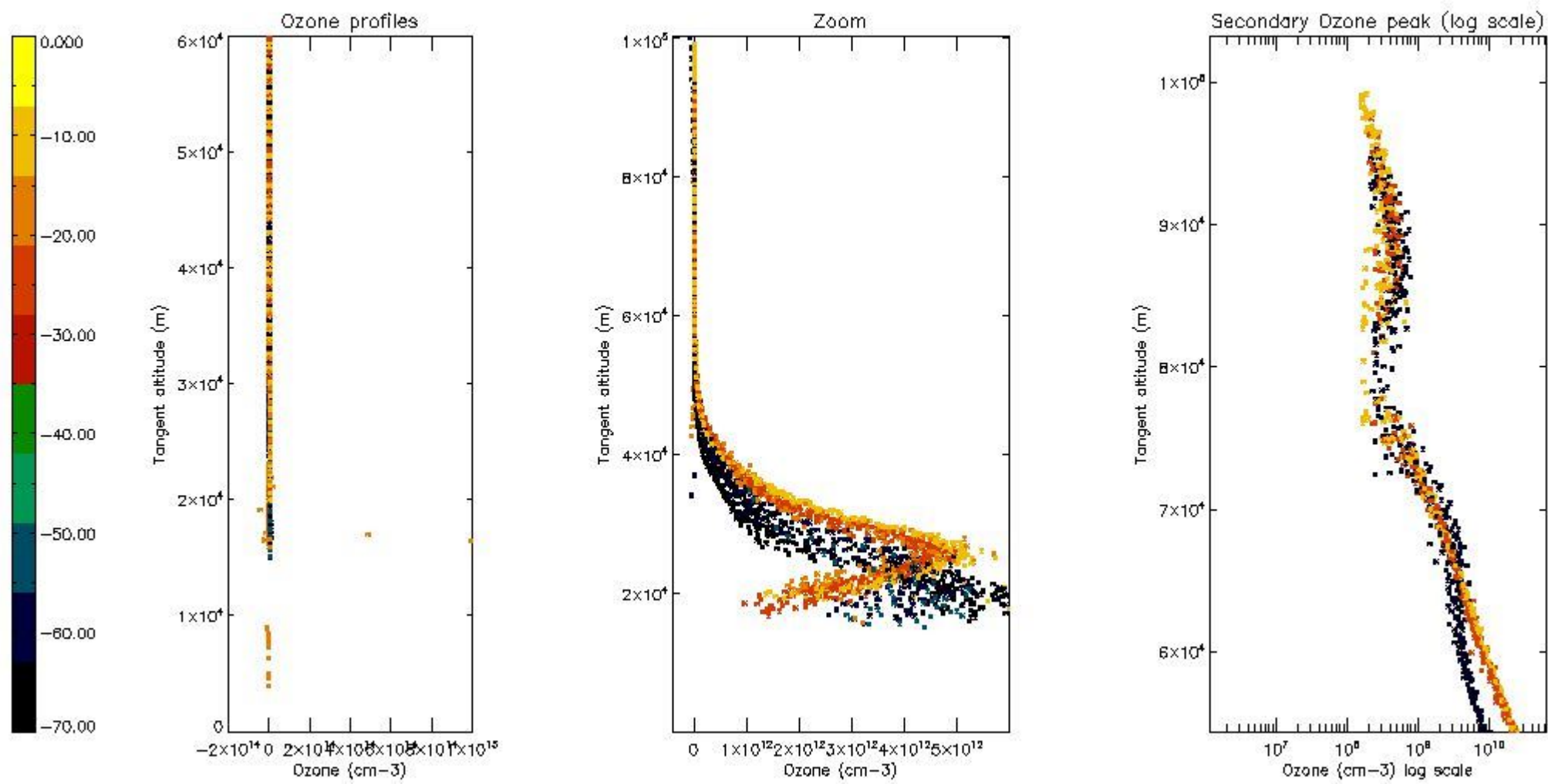
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



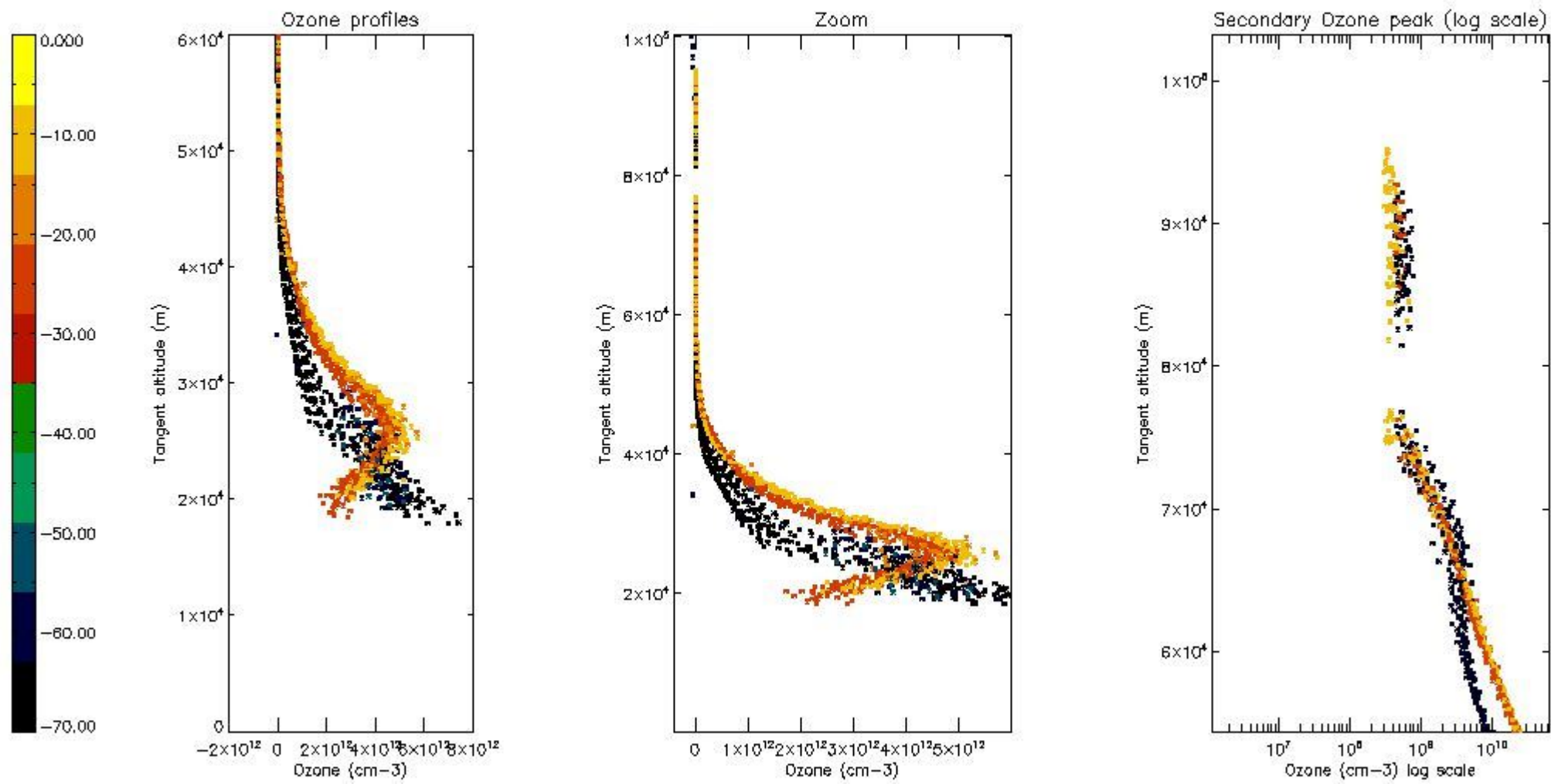
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



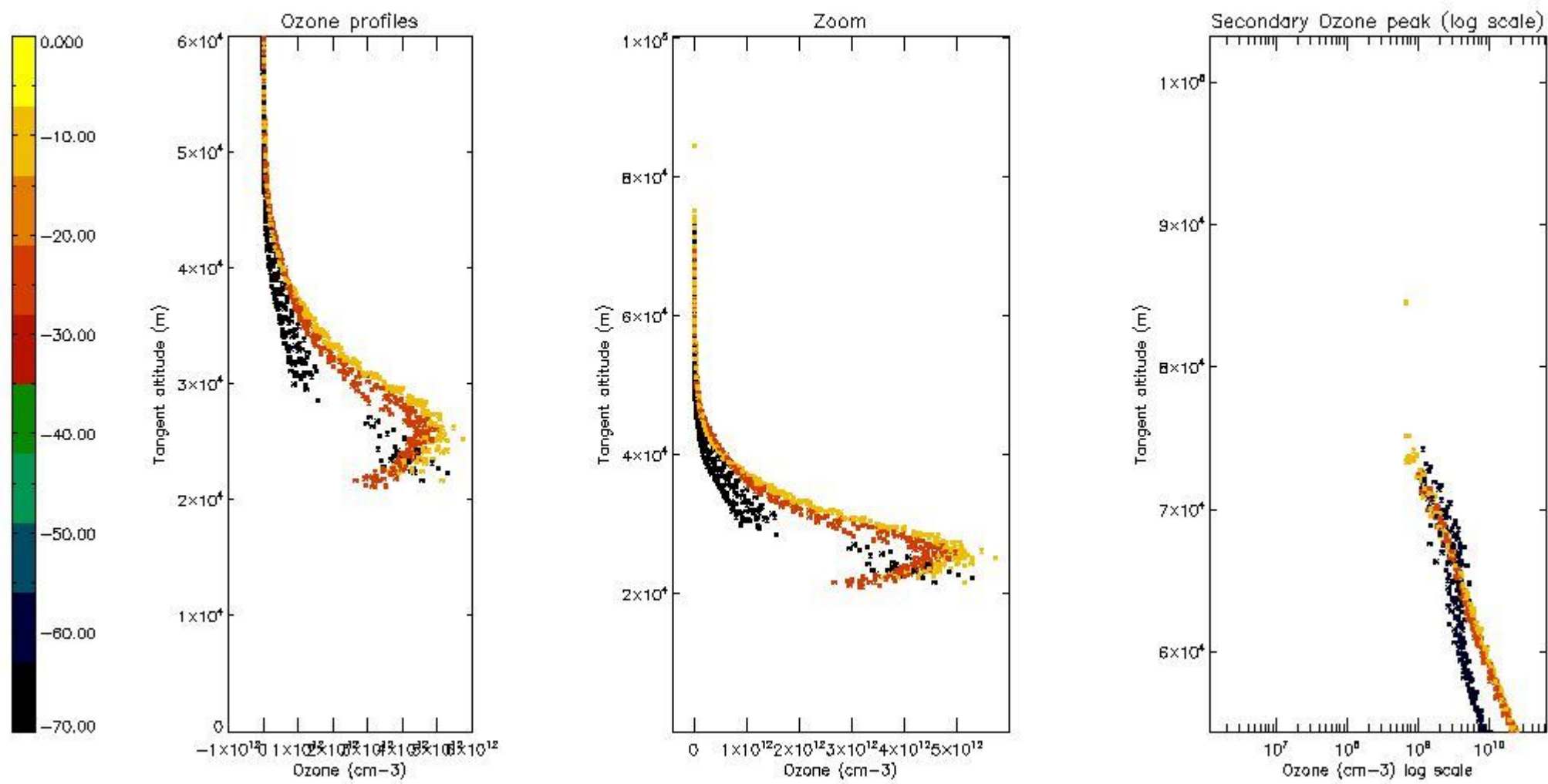
*5.4 Plot ozone profiles where  $STD < 10\%$  (dark without errors)*

The colorbar represents the latitude.



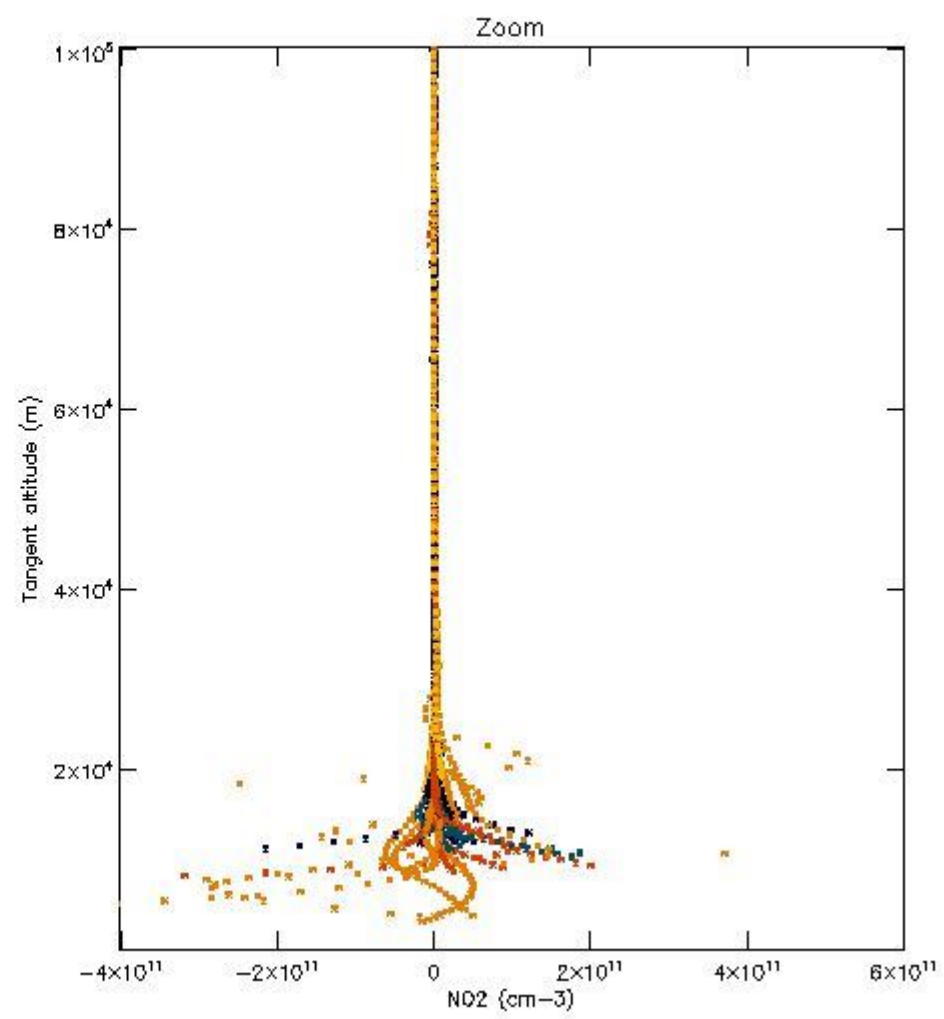
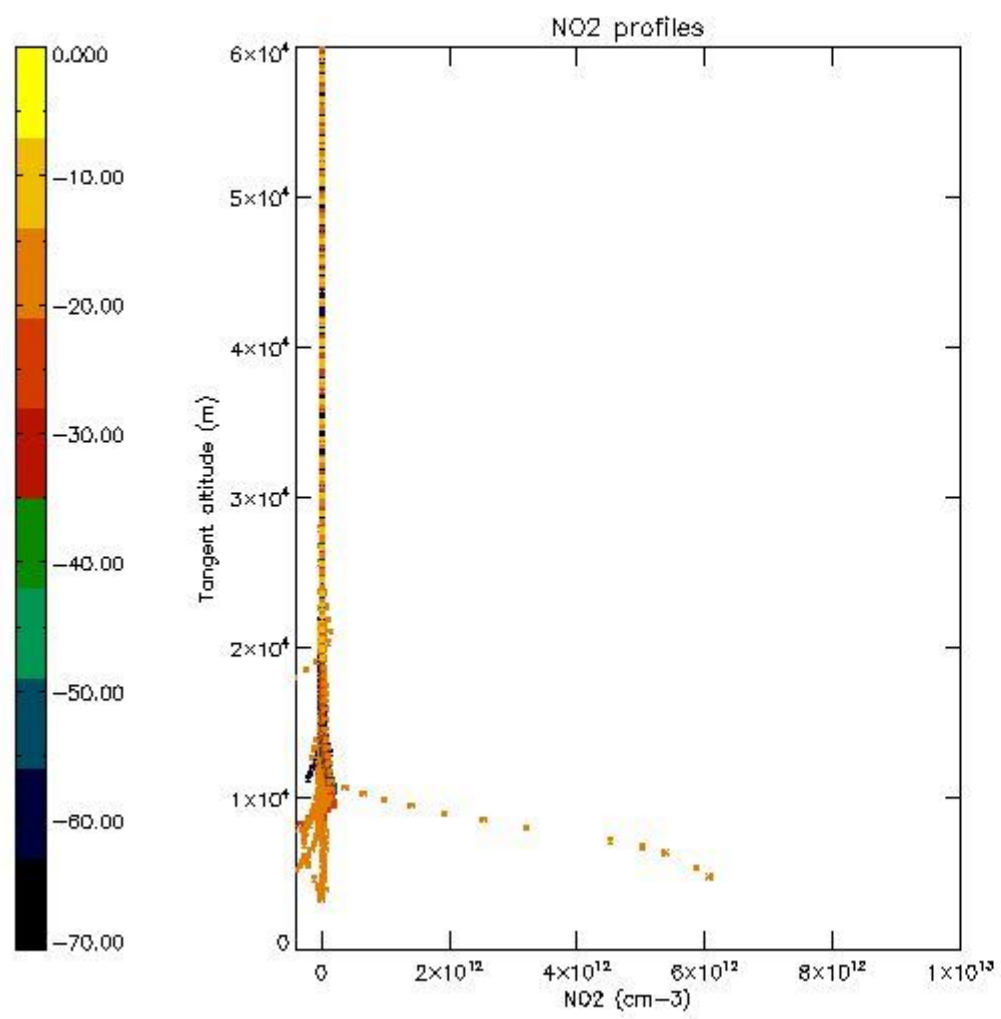
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



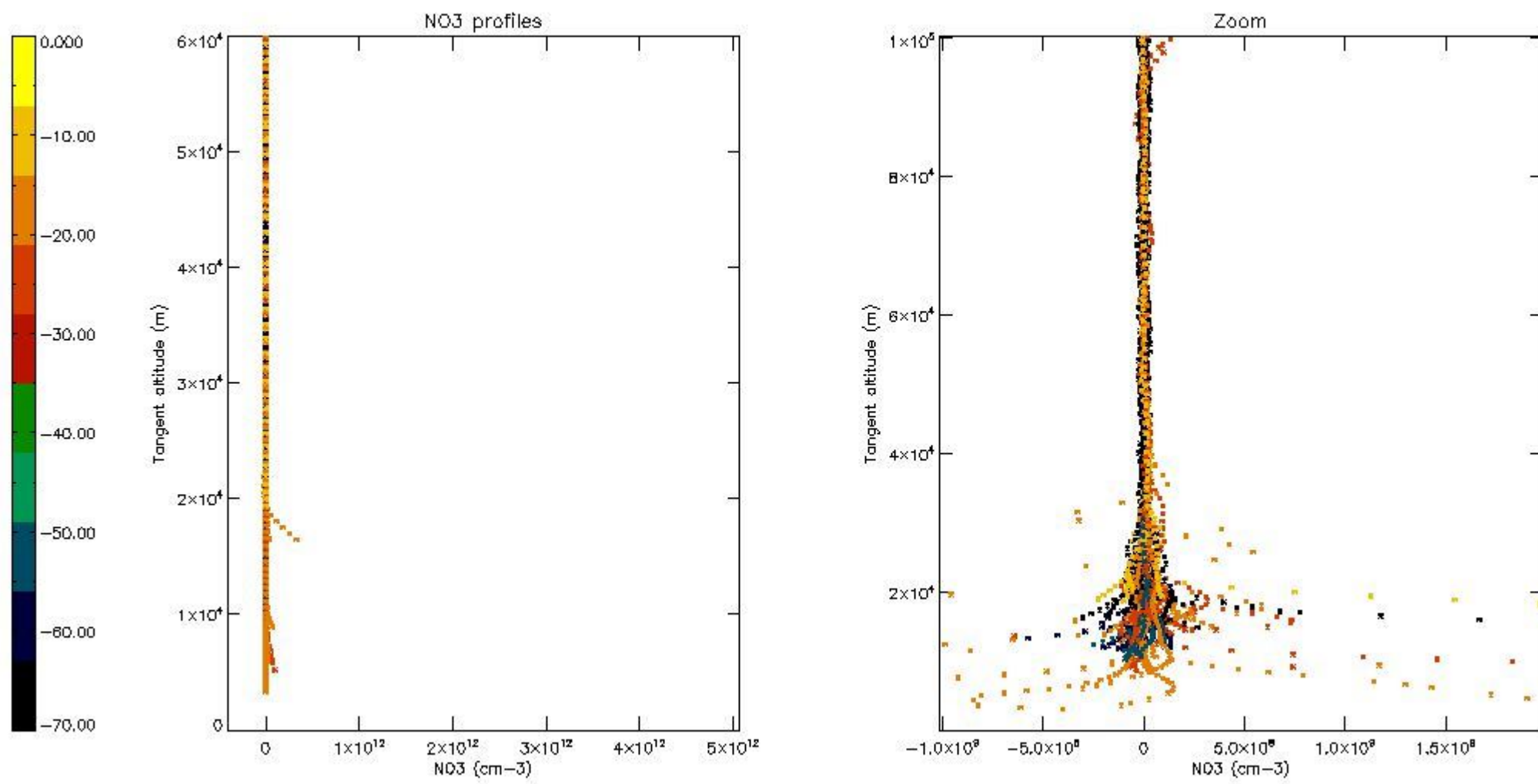
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



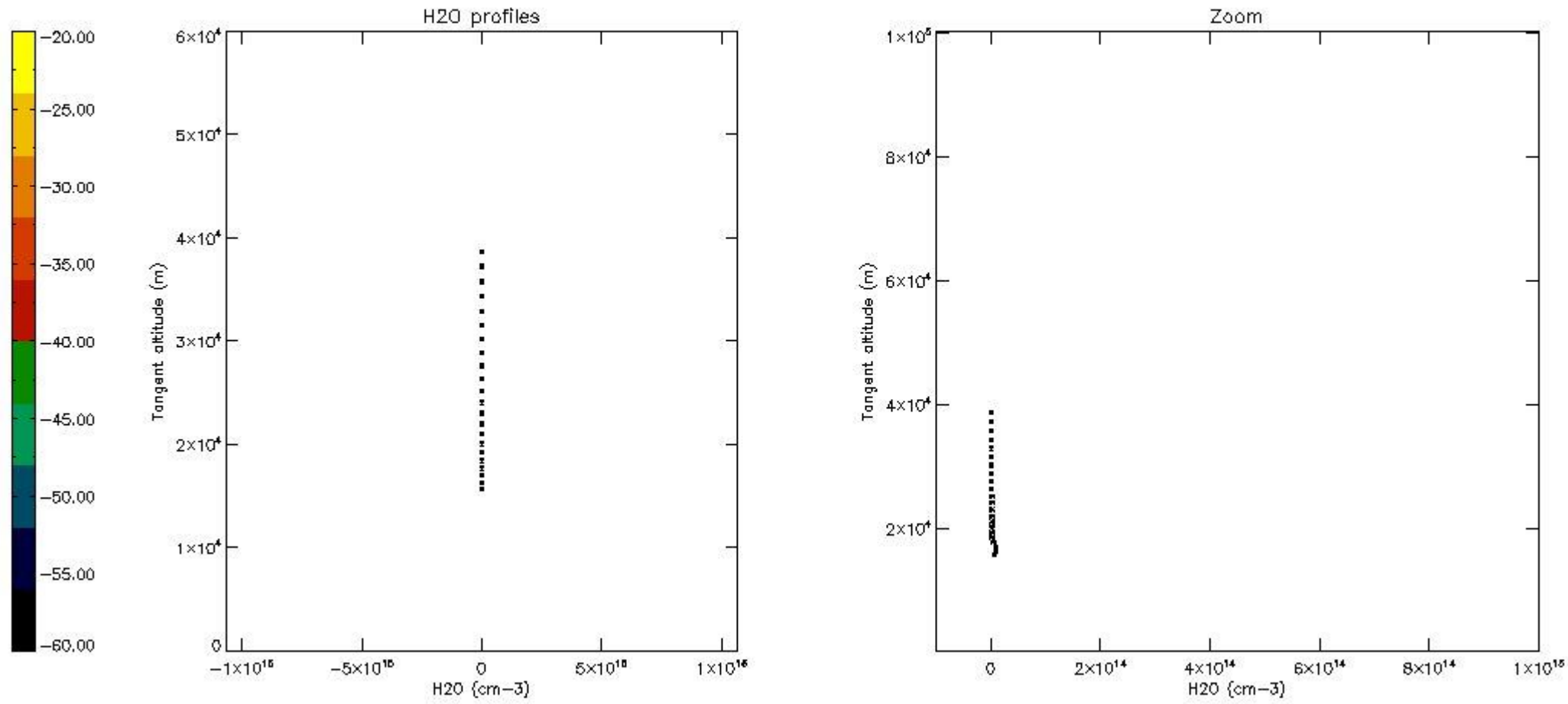
*5.7 Plot NO3 profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

The colorbar represents the latitude.

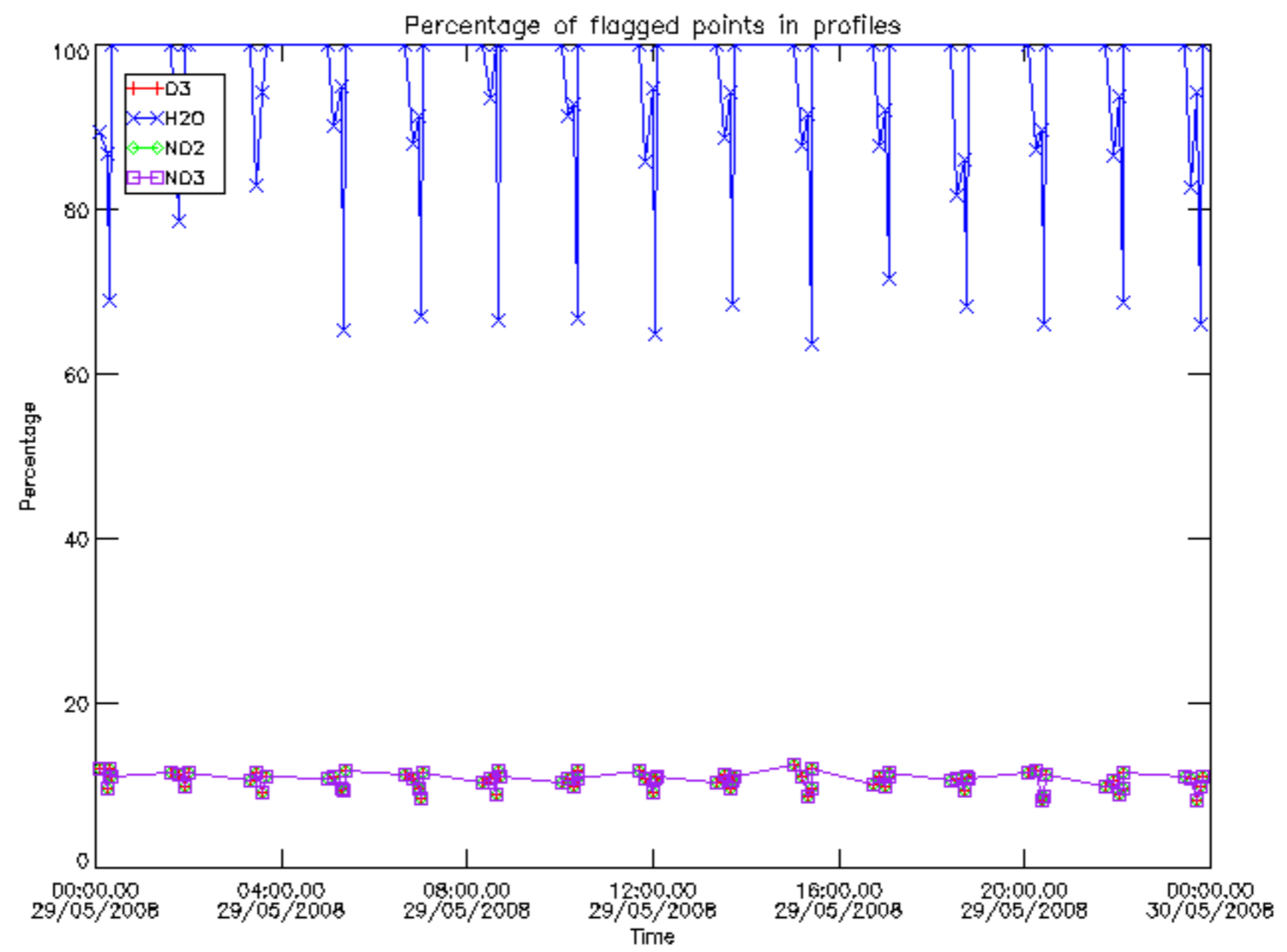


## 6. Auxiliary Data Files used for the production reported in section 2

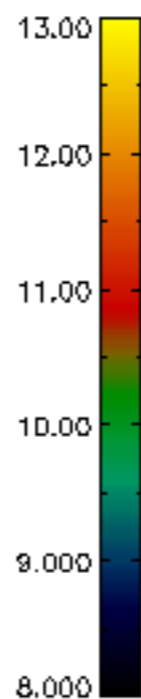
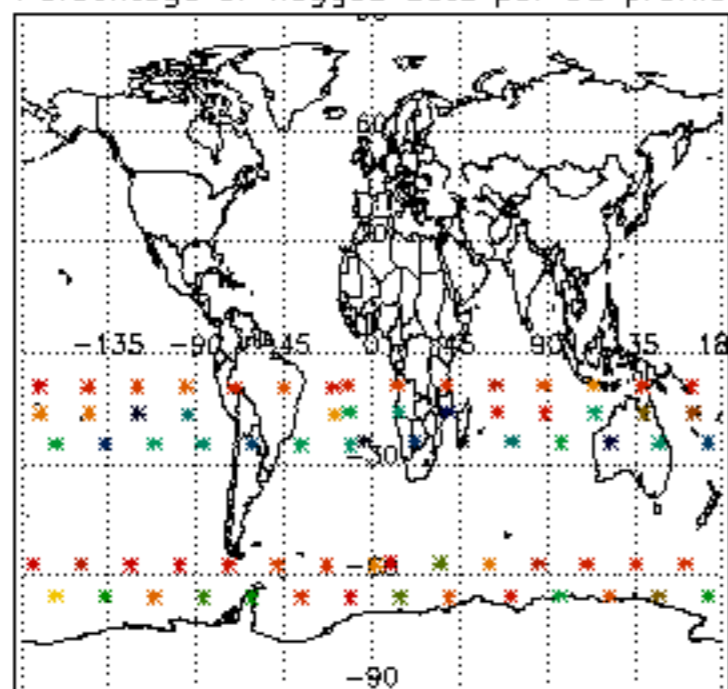
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	29-MAY-2008 00:06:21
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	29-MAY-2008 00:06:21
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	29-MAY-2008 00:06:21

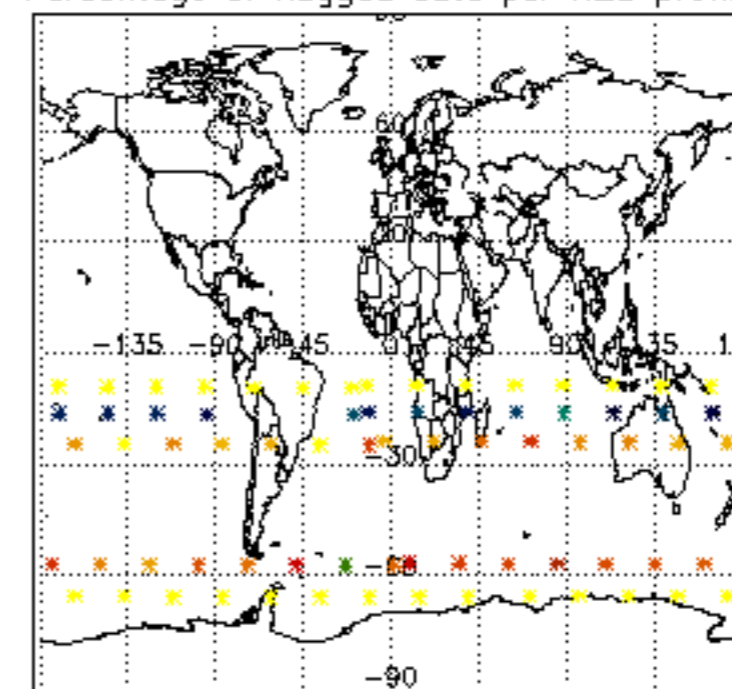




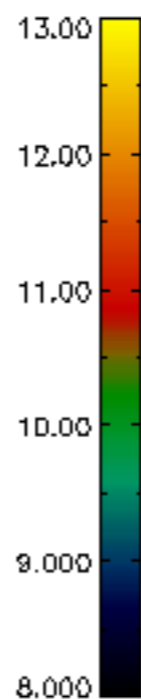
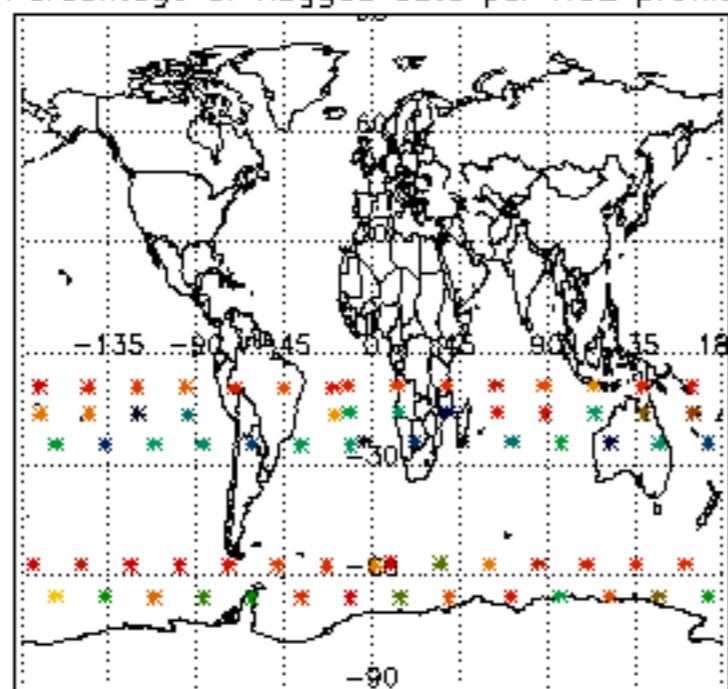
Percentage of flagged data per D3 profile



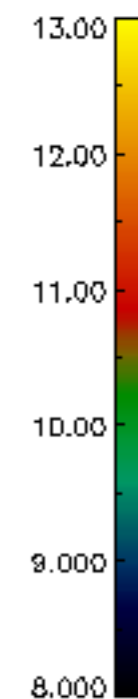
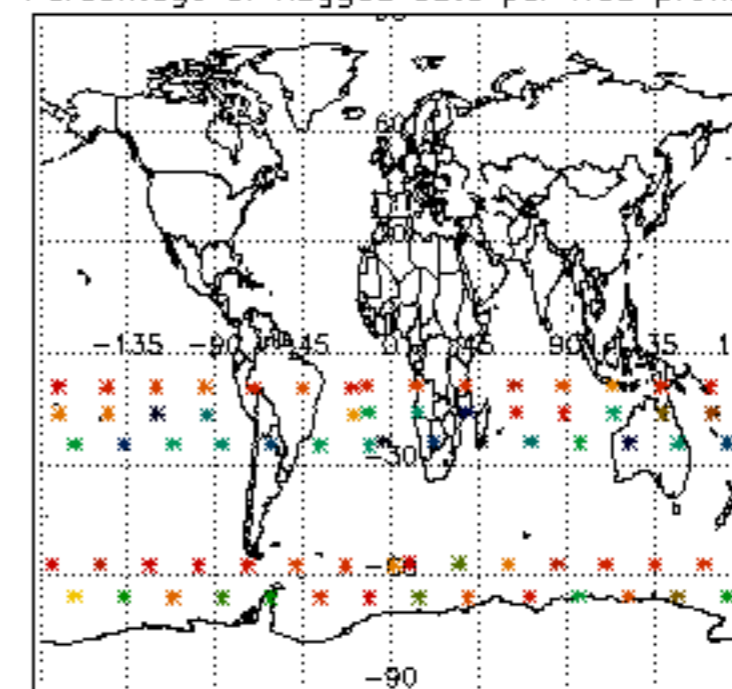
Percentage of flagged data per H2O profile

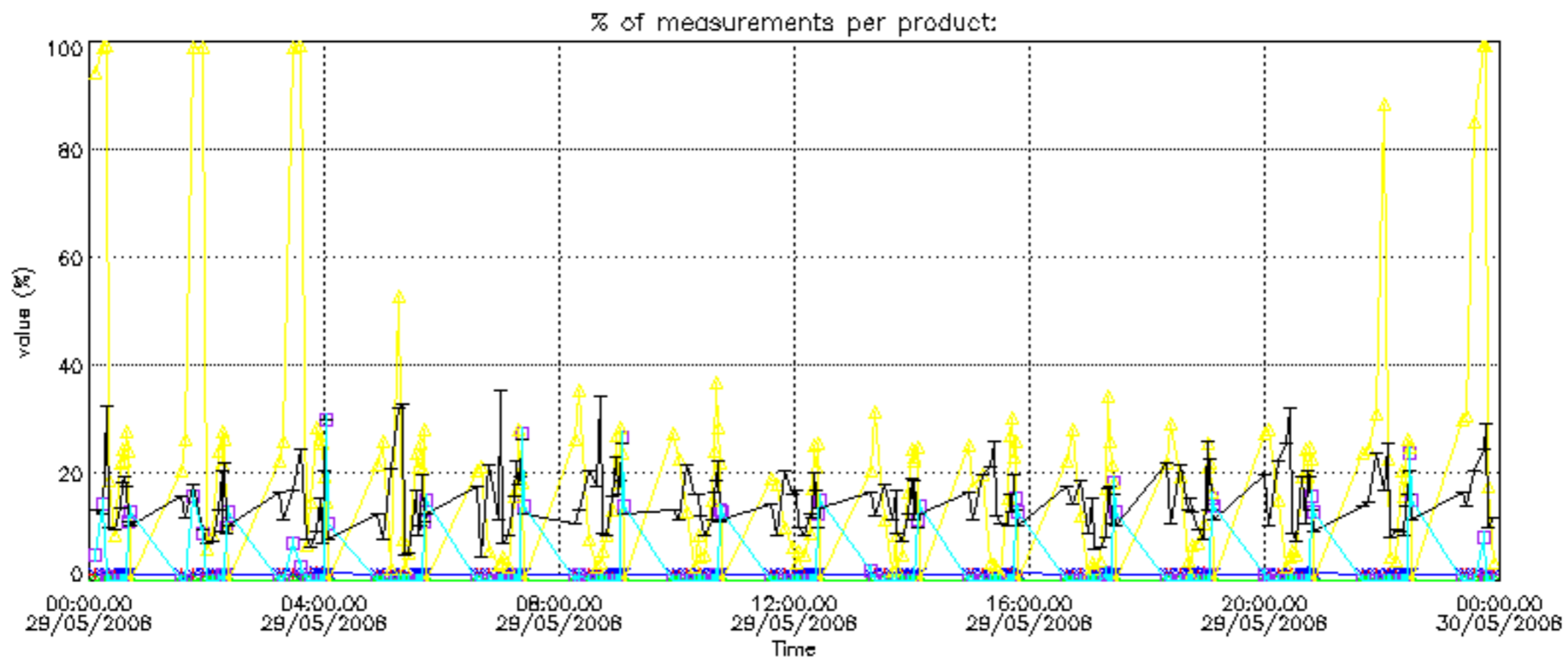


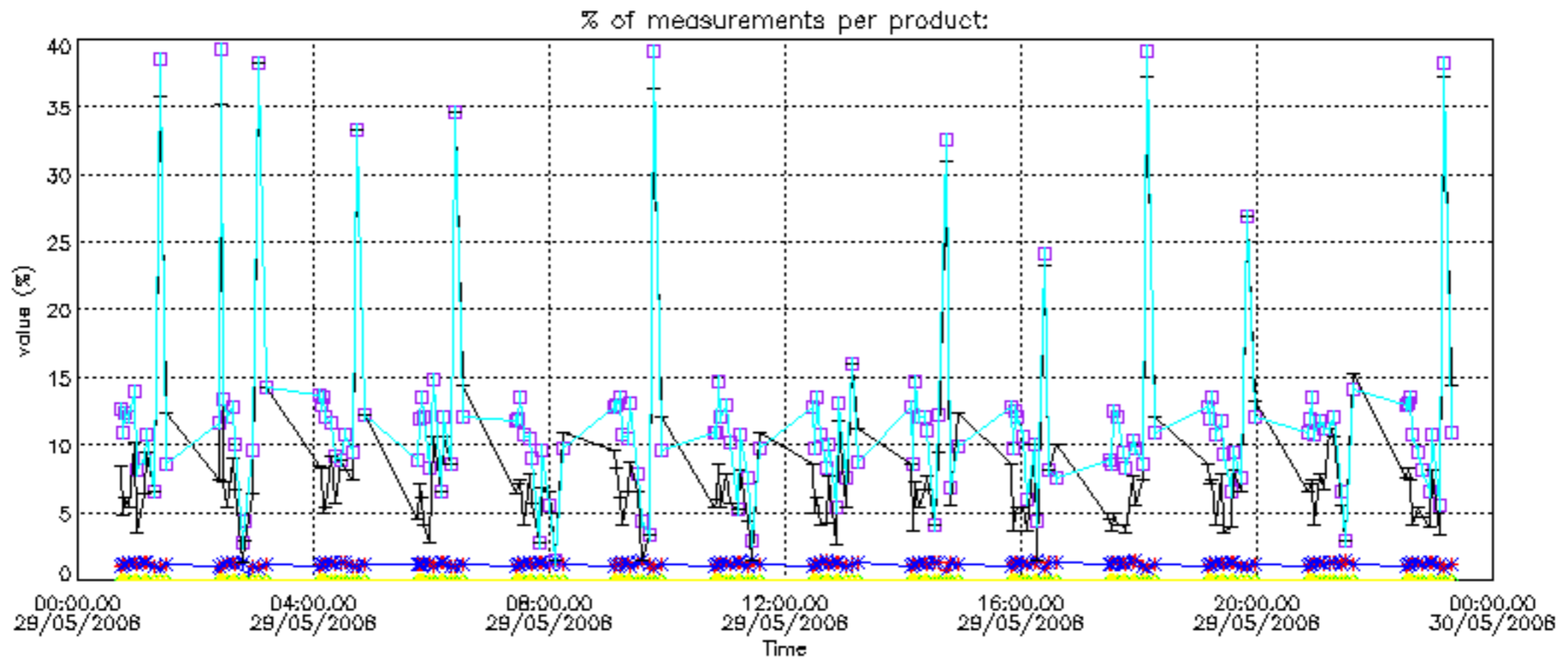
Percentage of flagged data per NO2 profile



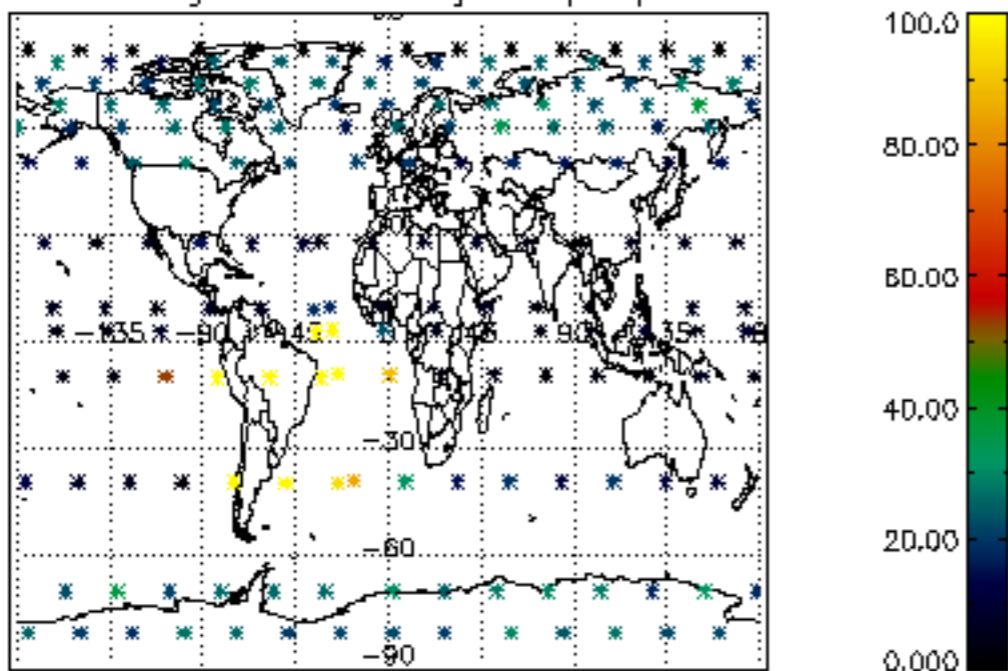
Percentage of flagged data per NO3 profile



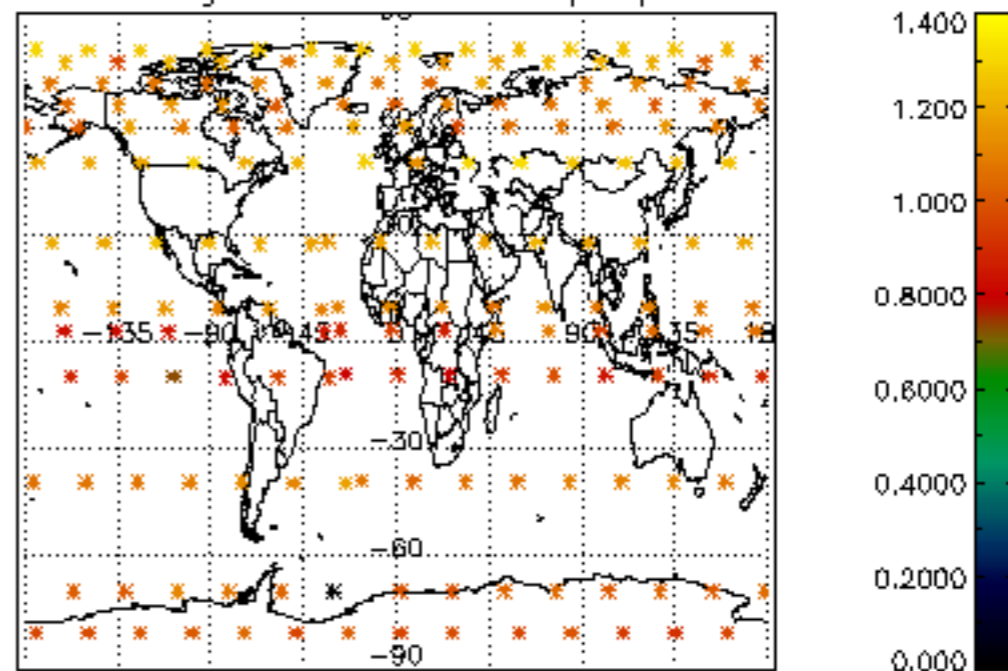




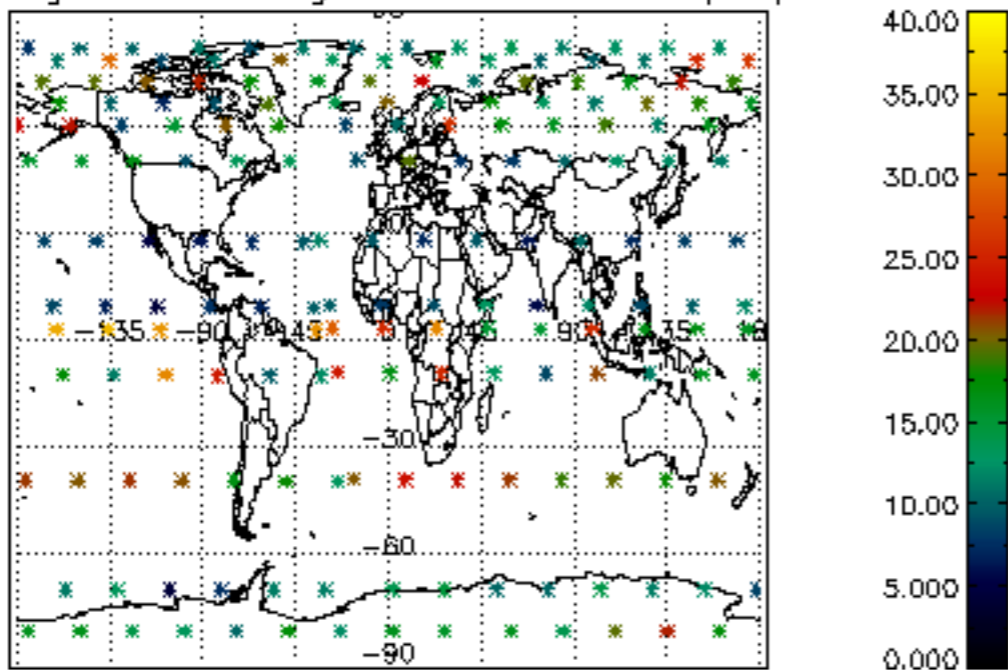
Percentage of cosmic ray hits per profile



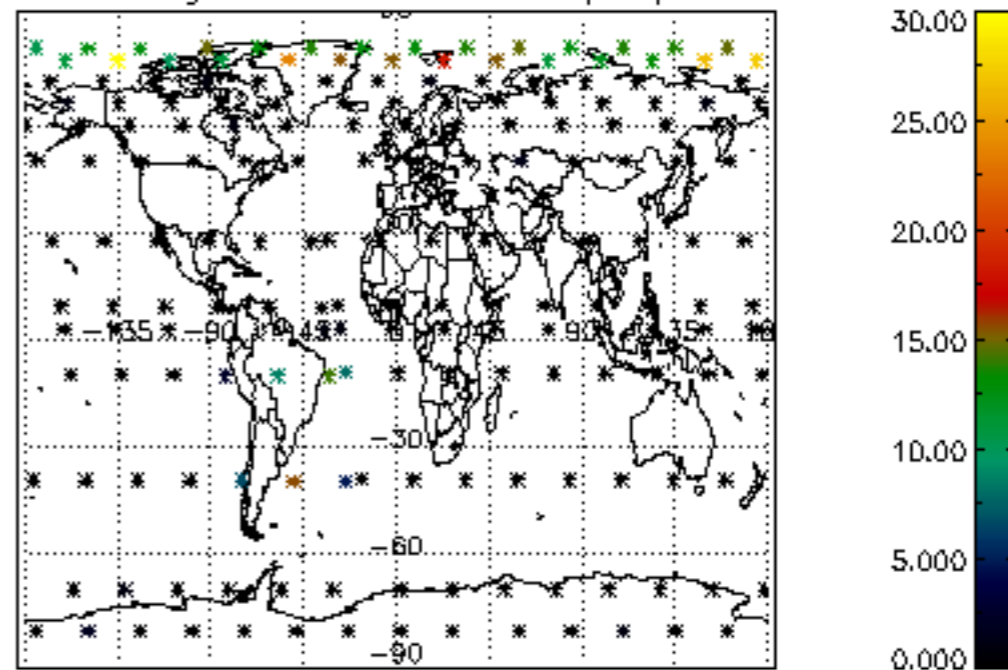
Percentage of datation errors per profile



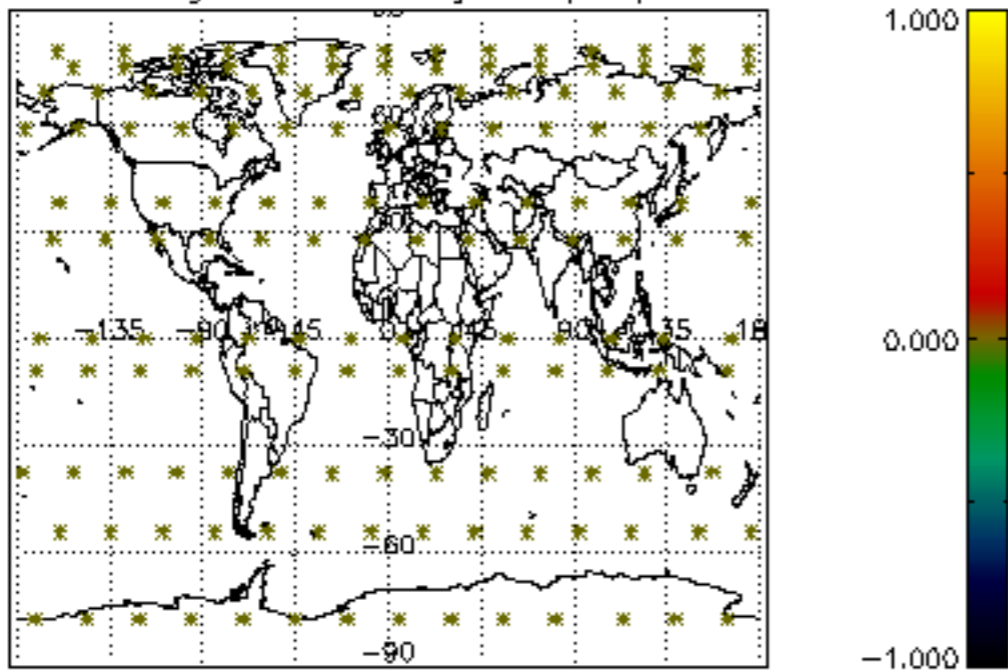
Percentage of star falling outside central band per profile



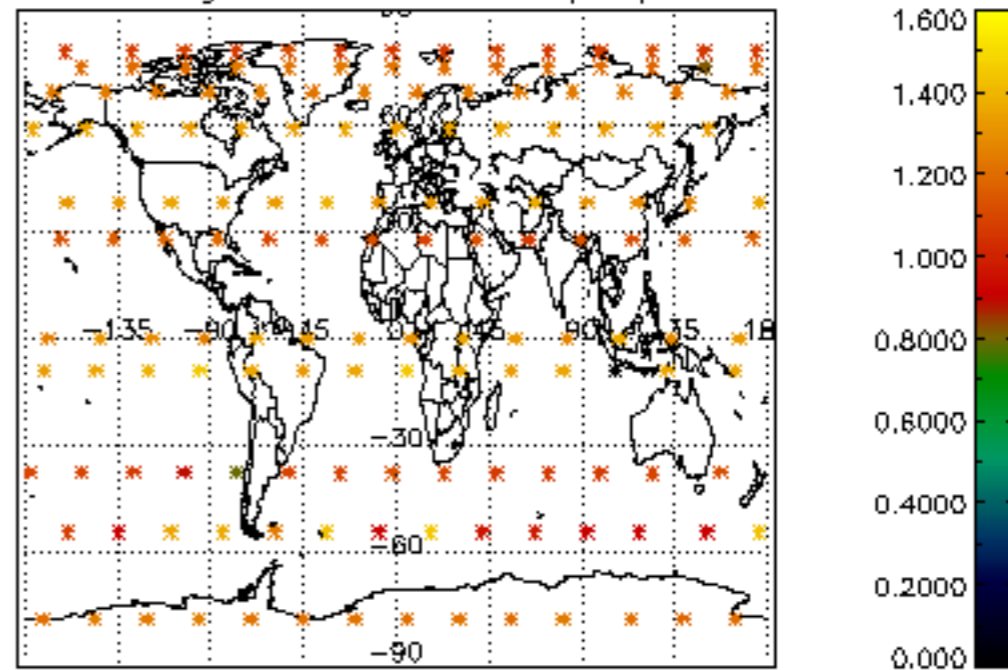
Percentage of saturation errors per profile



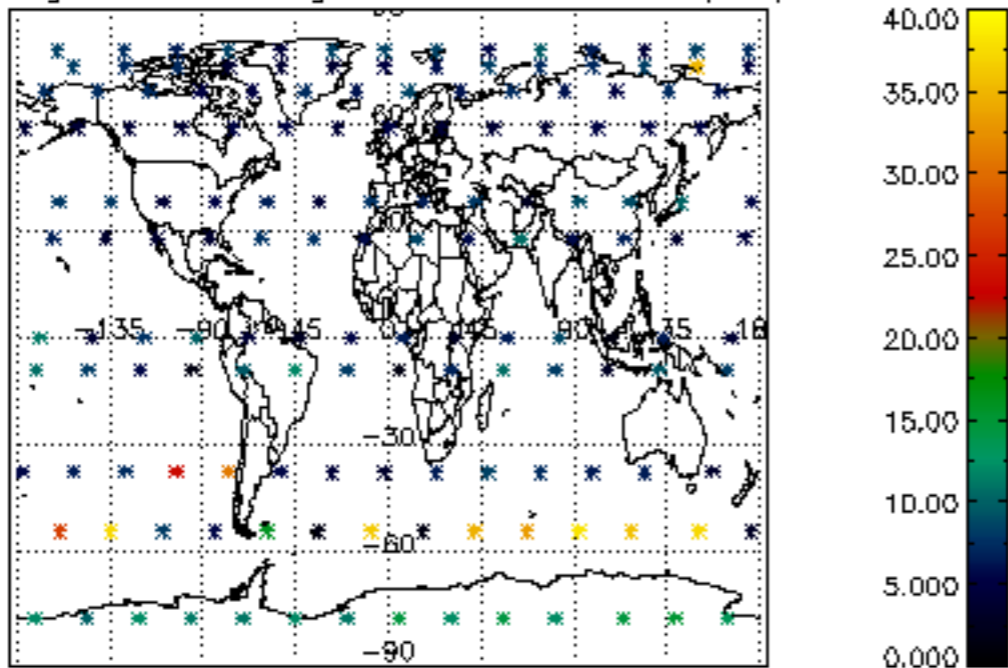
Percentage of cosmic ray hits per profile



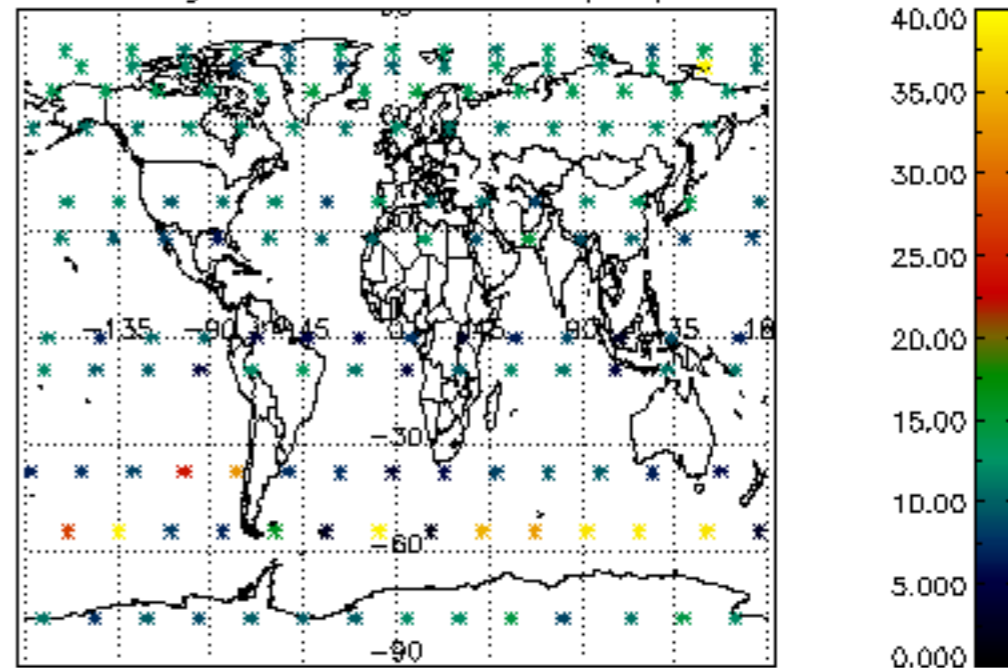
Percentage of datation errors per profile

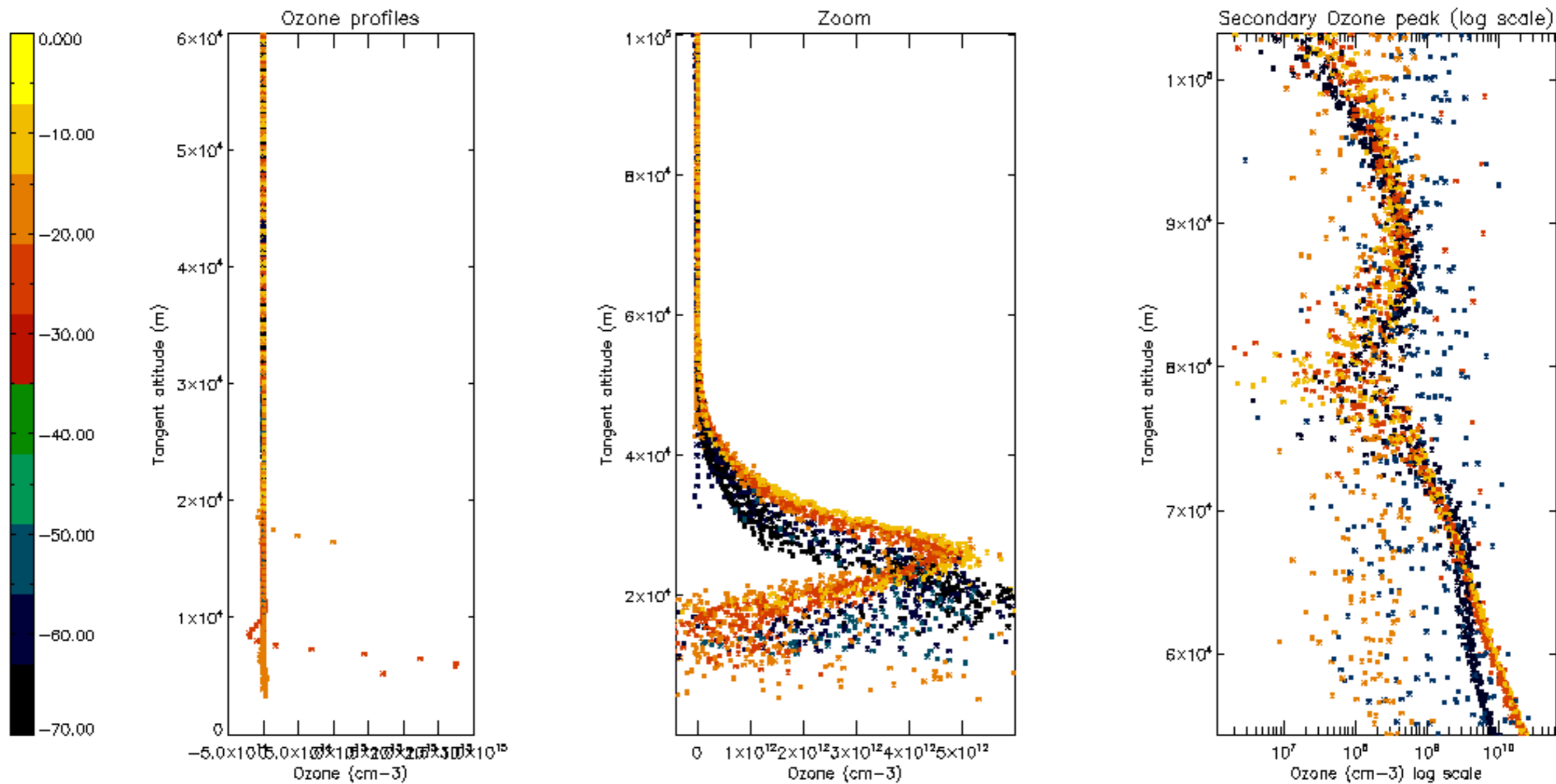


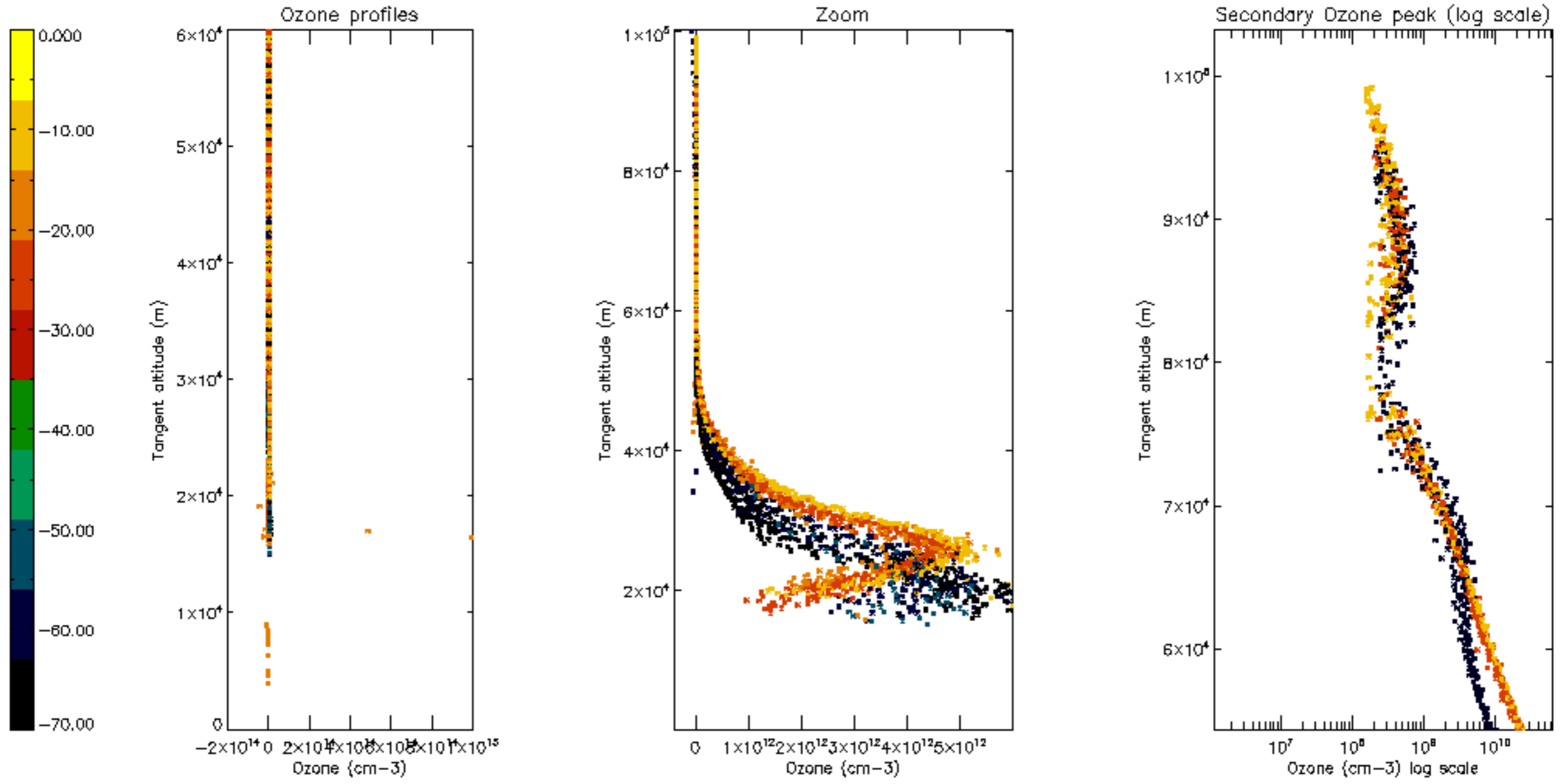
Percentage of star falling outside central band per profile



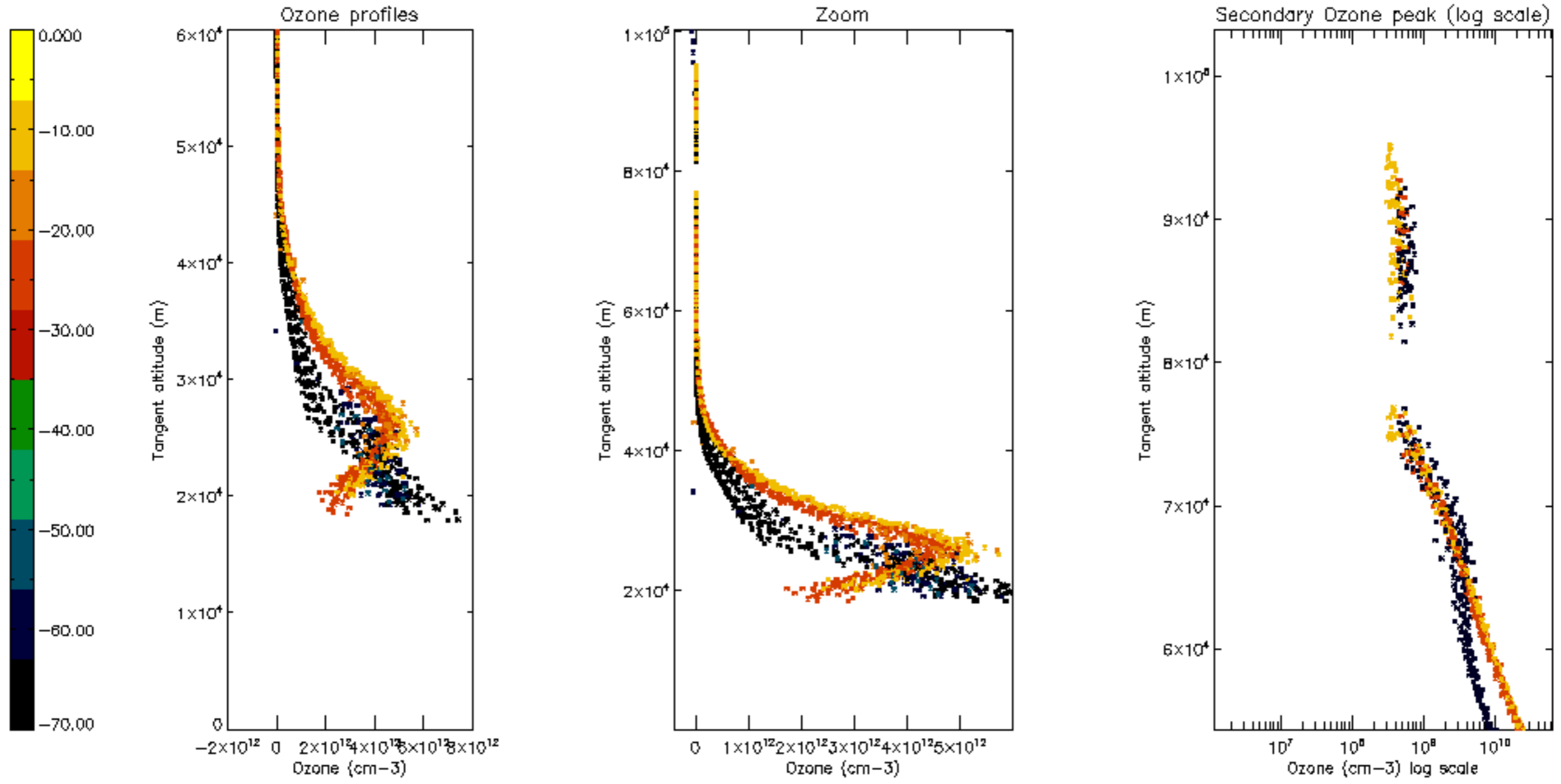
Percentage of saturation errors per profile

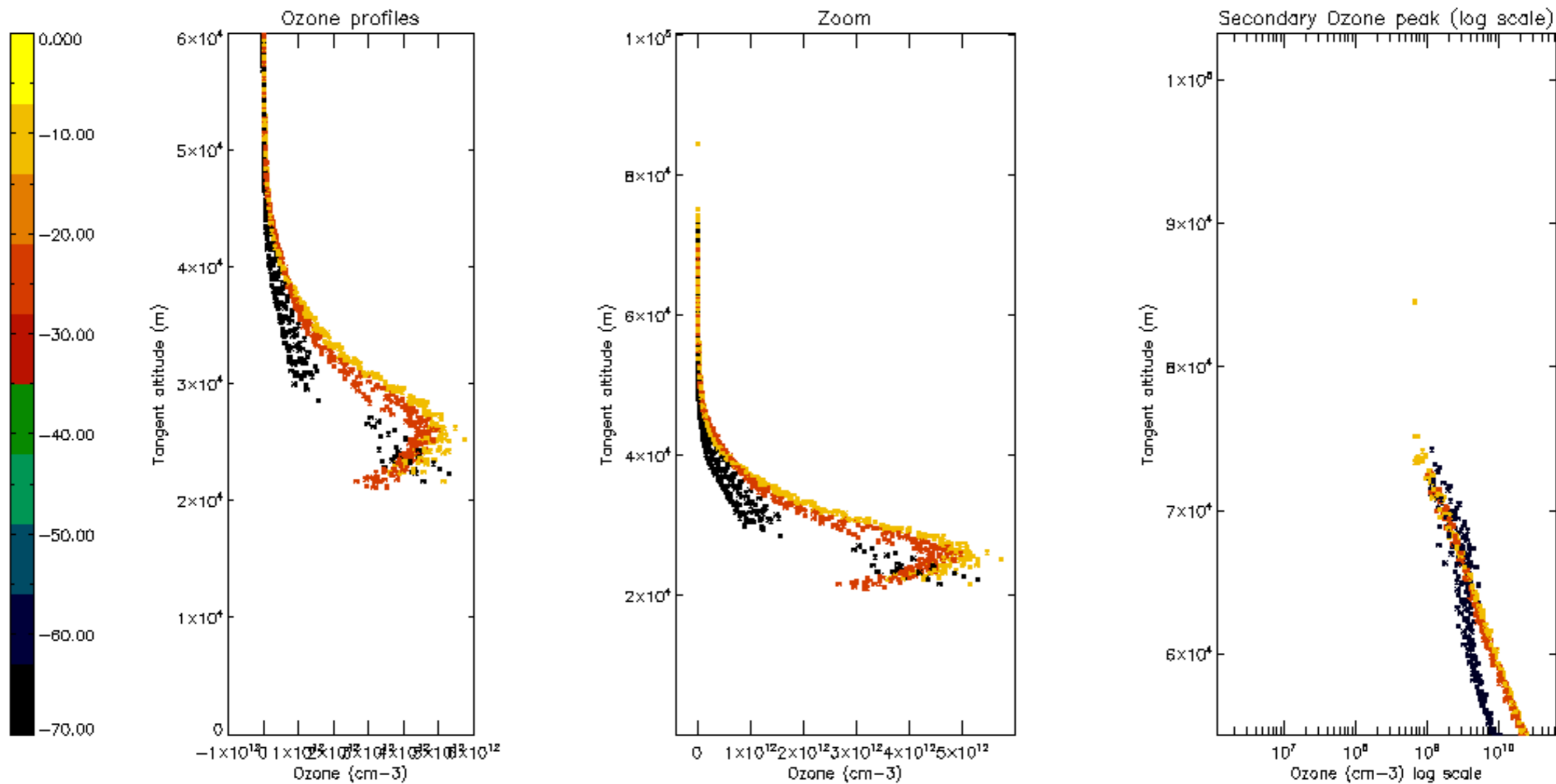


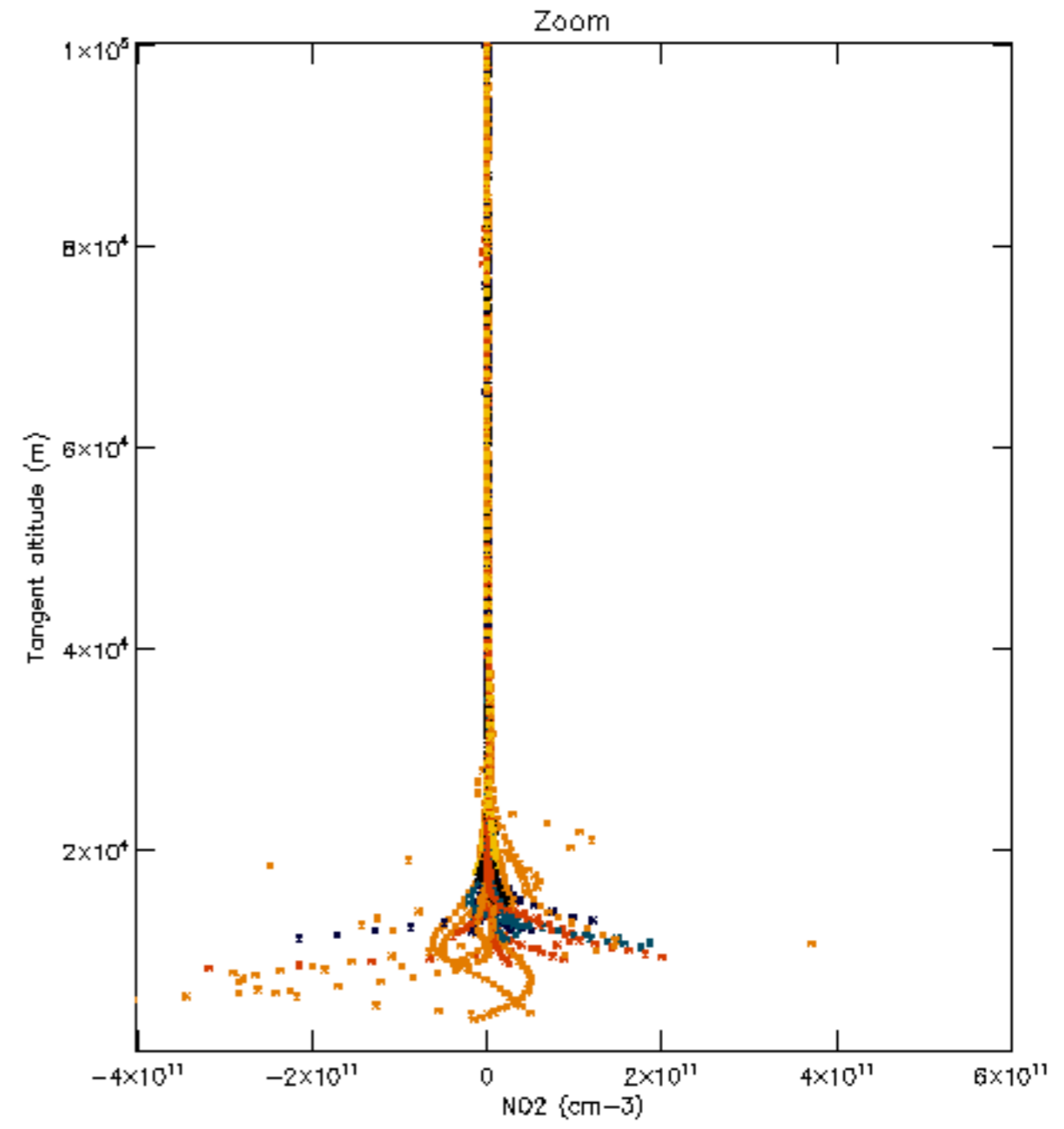
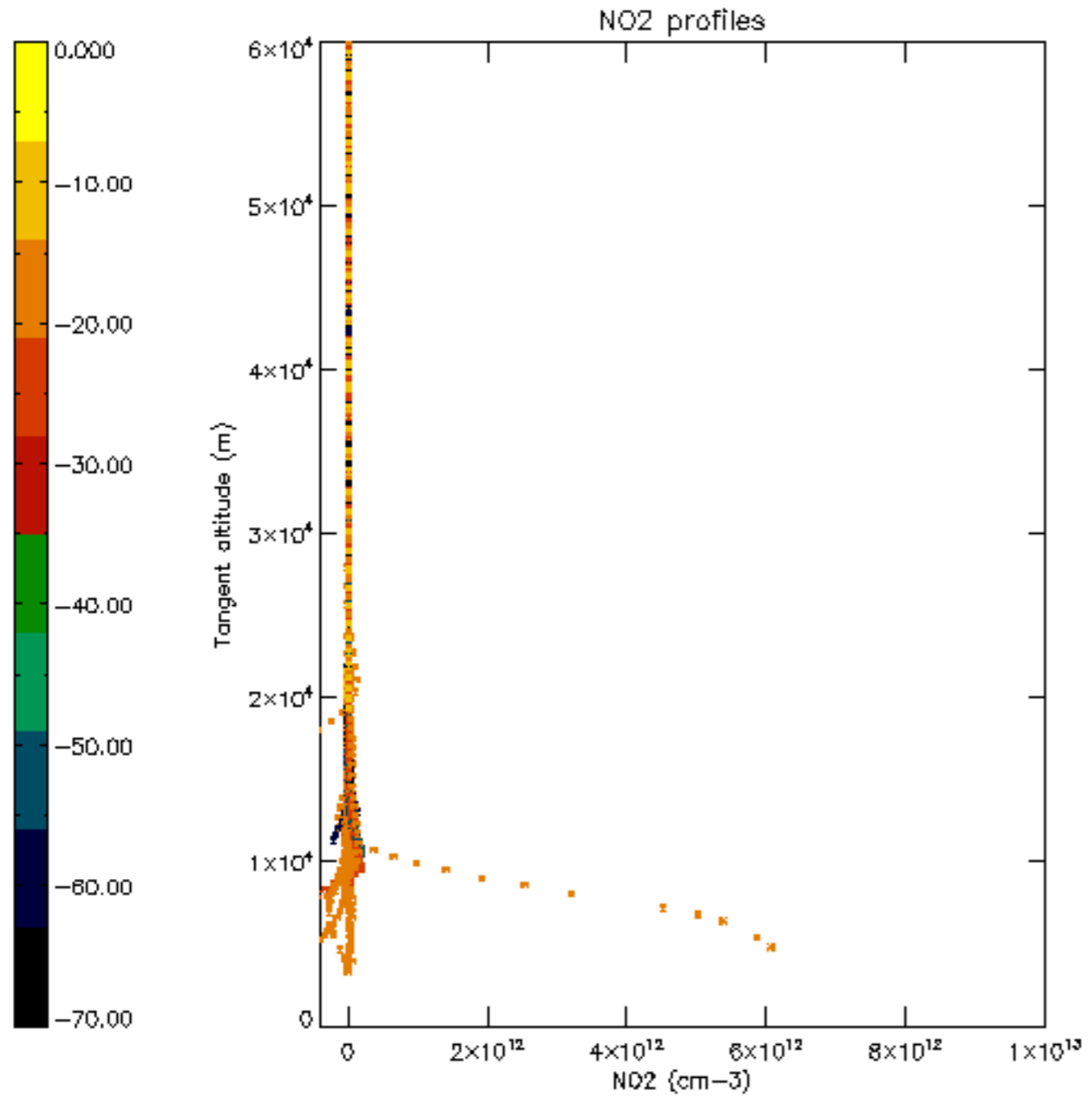


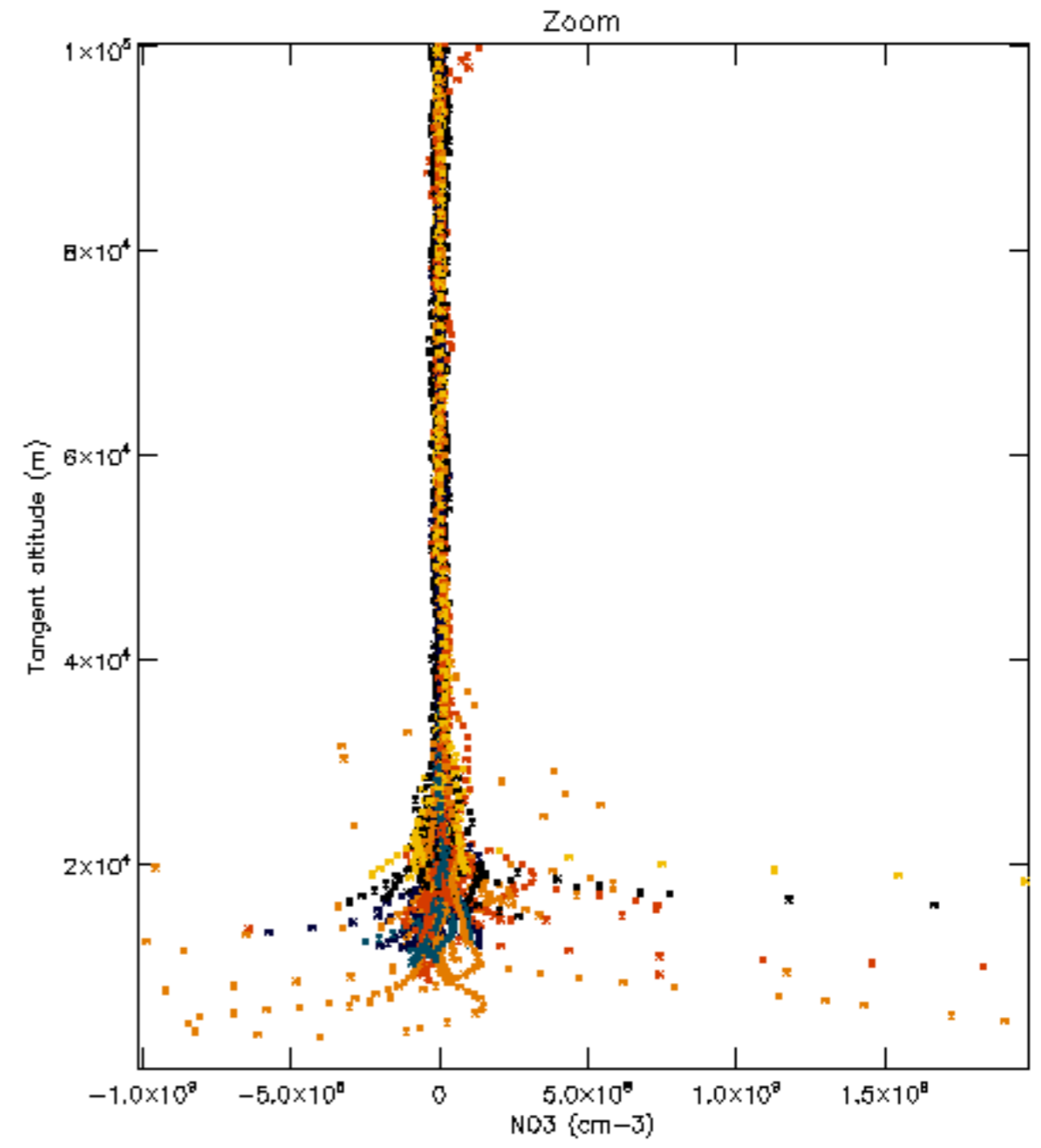
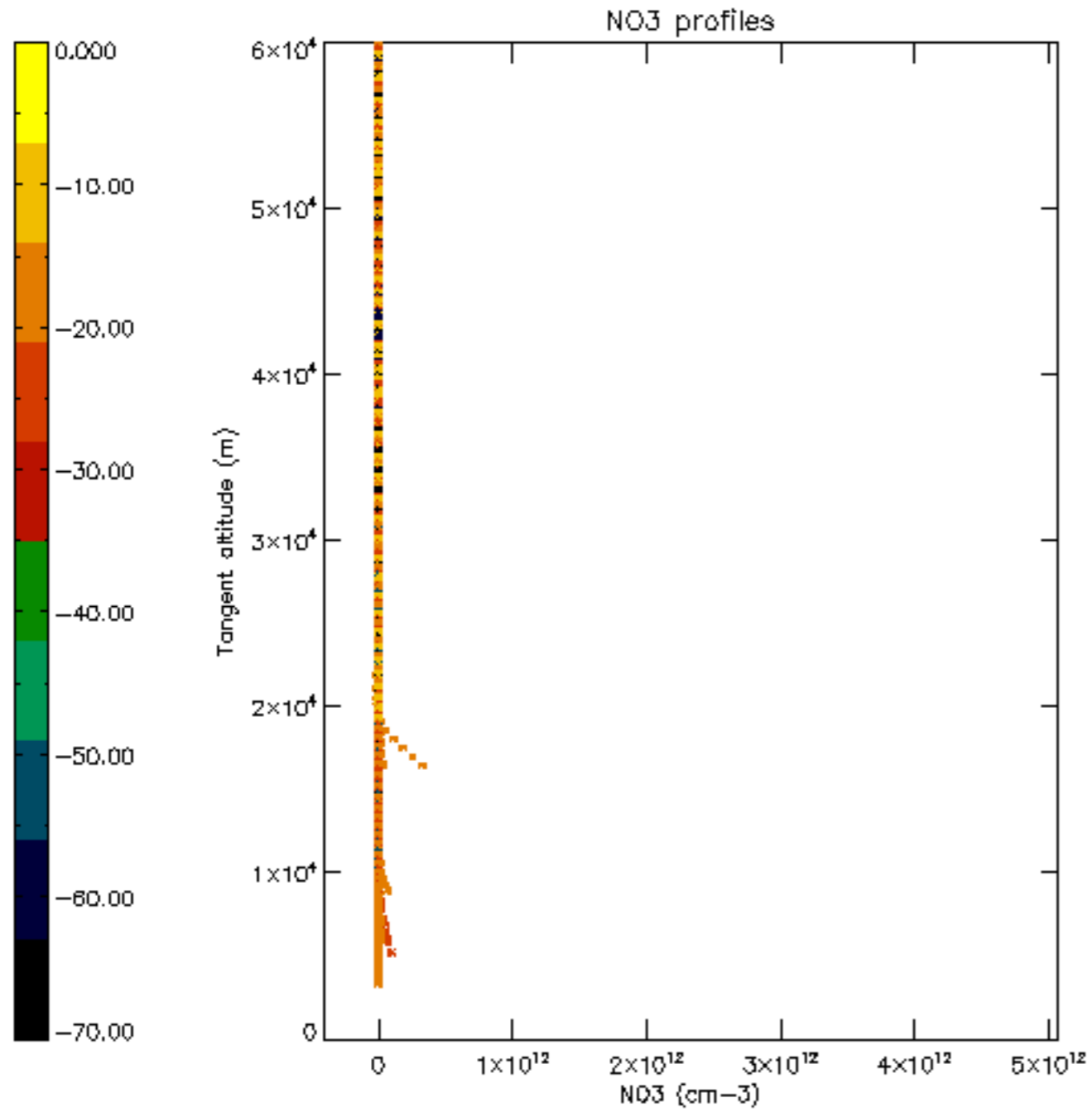


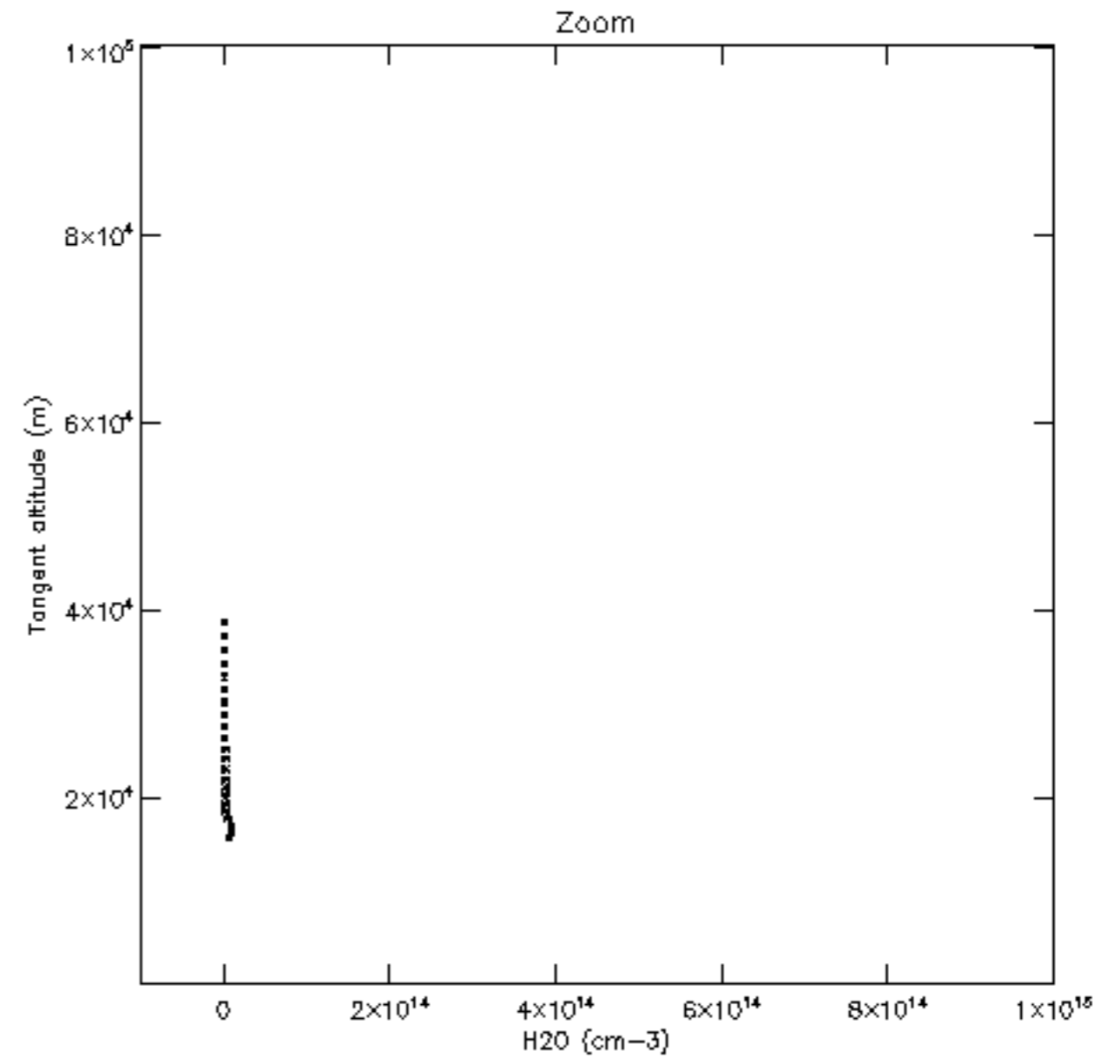
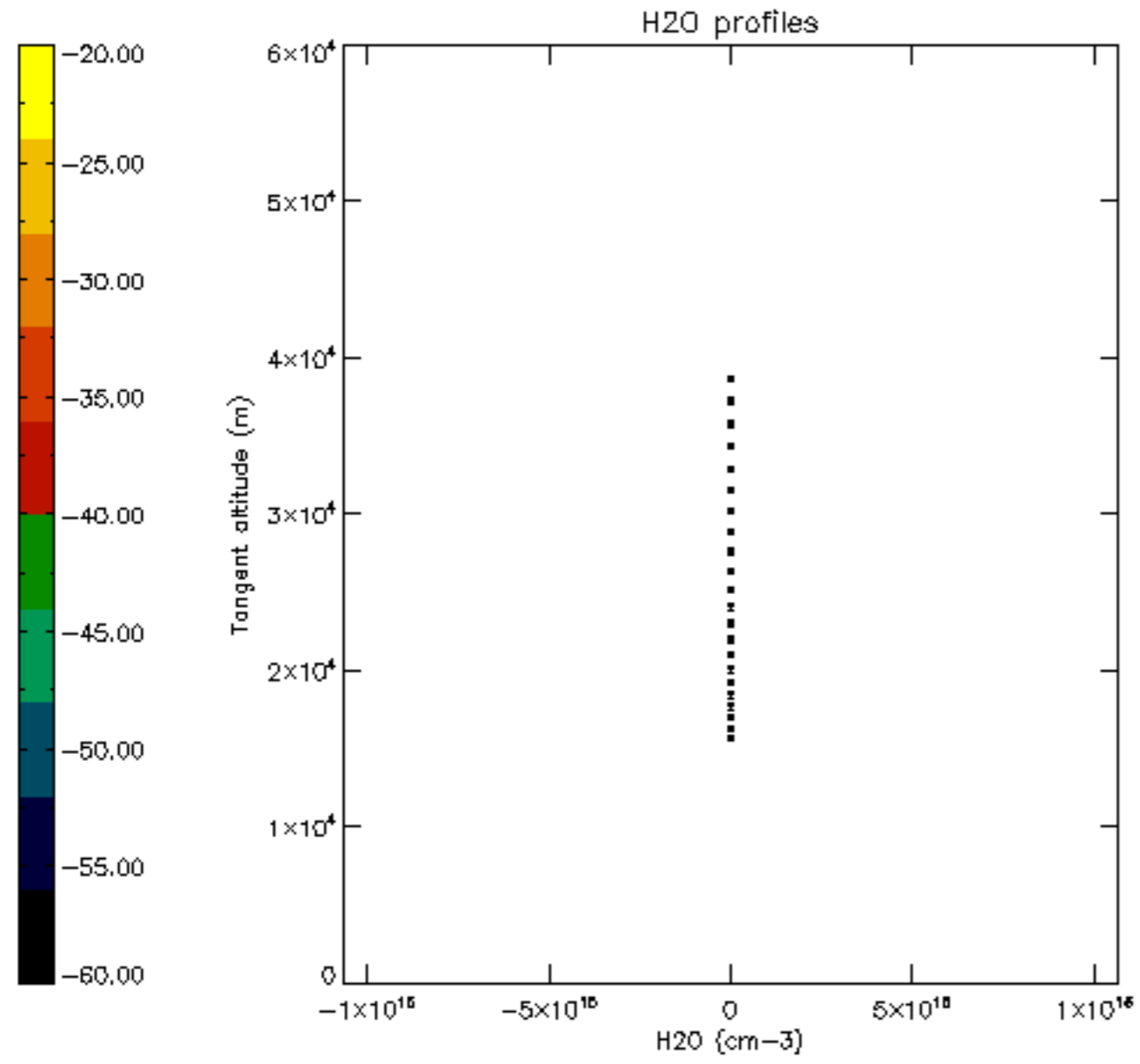


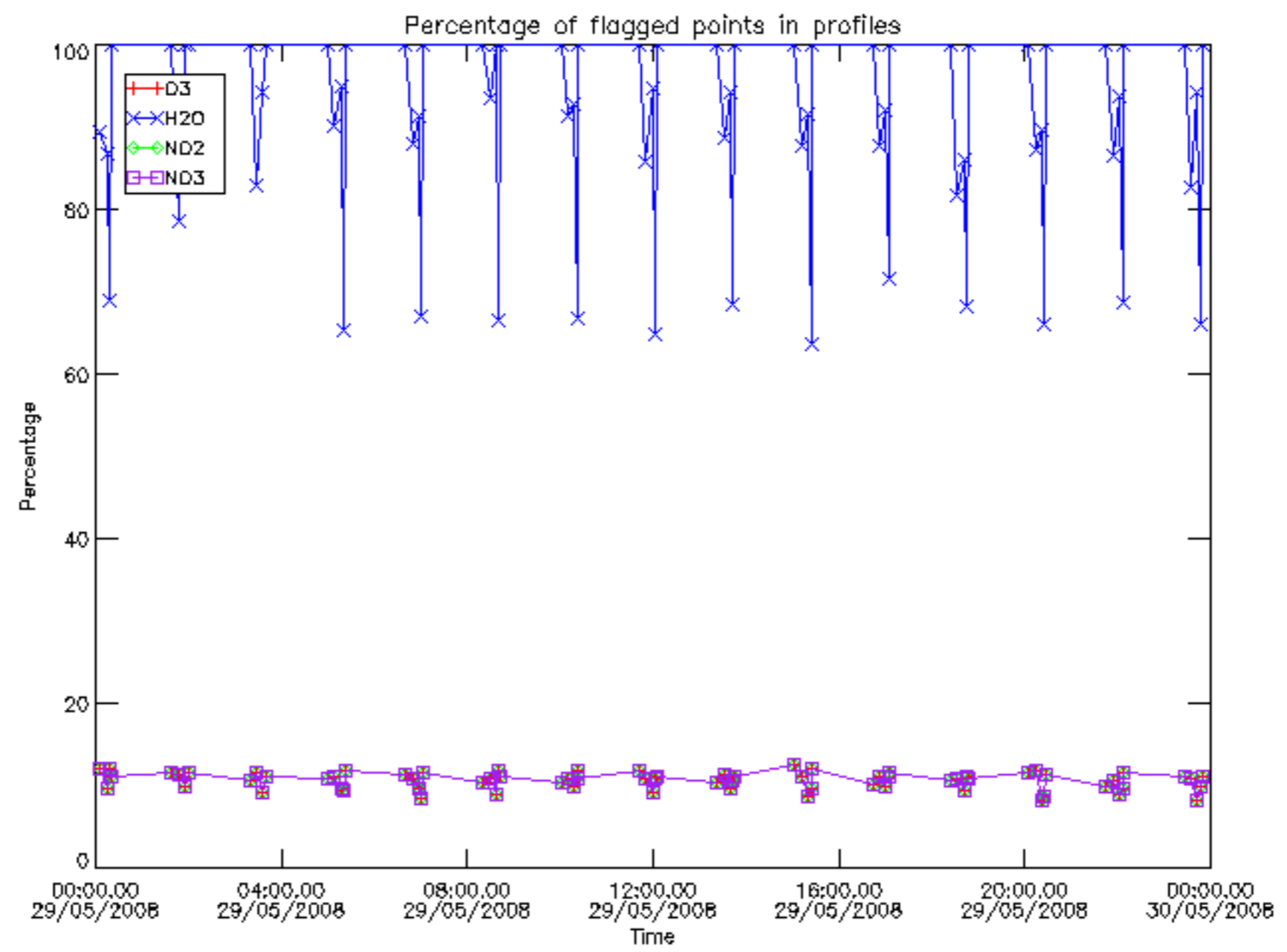




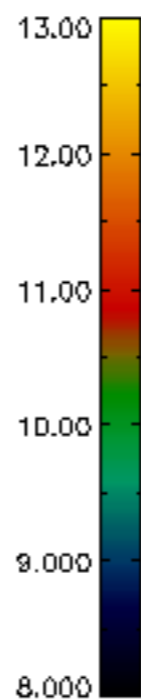
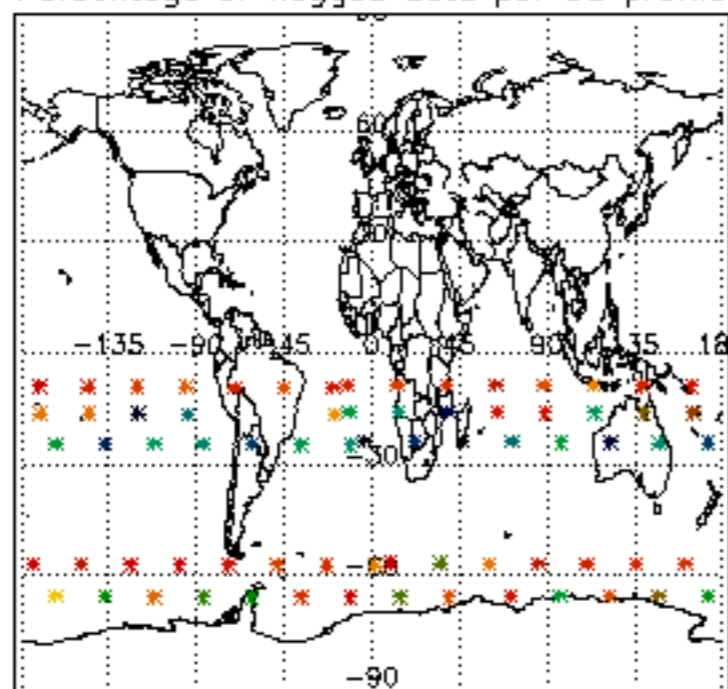




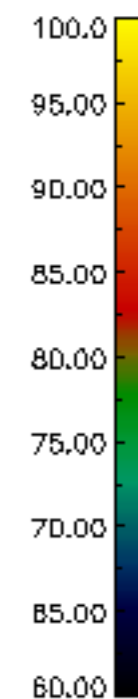
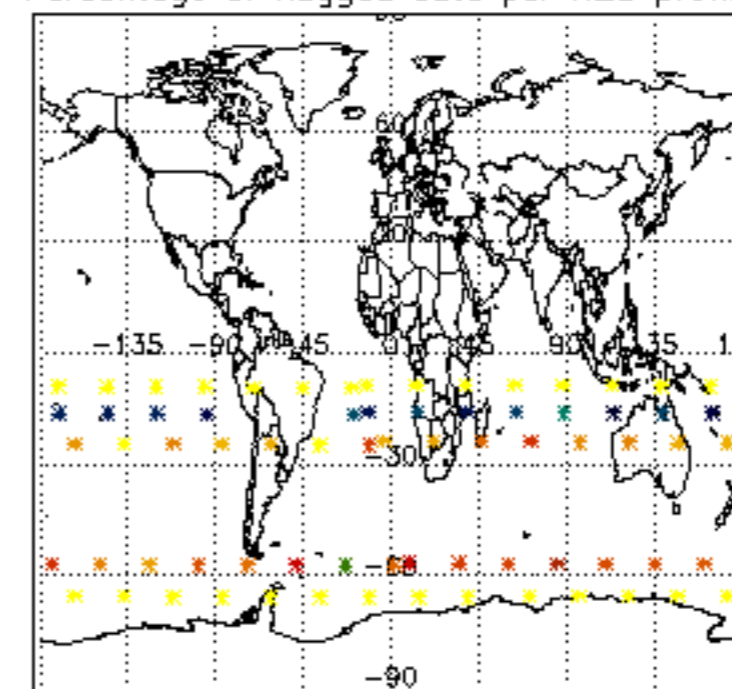




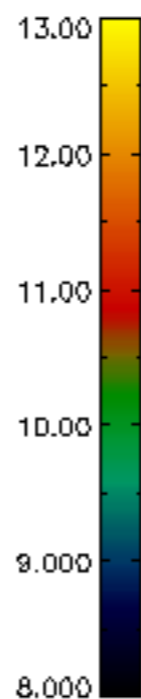
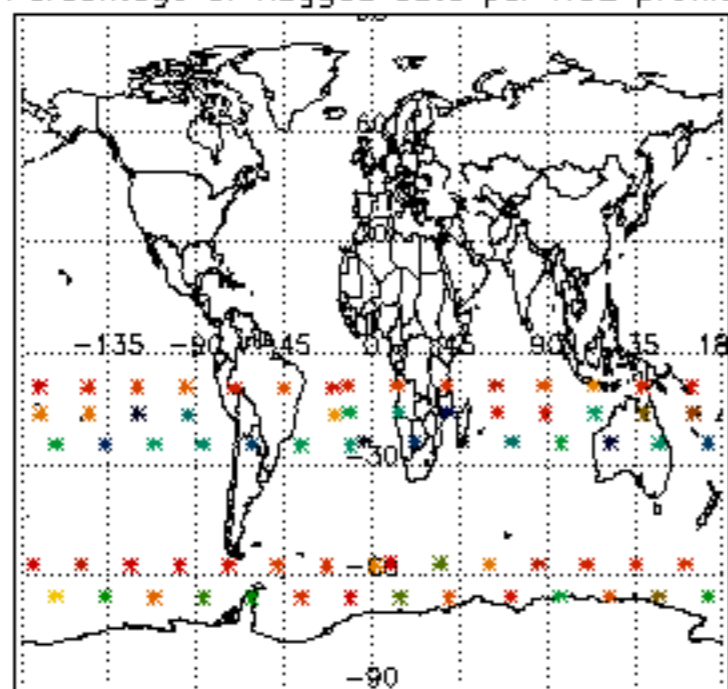
Percentage of flagged data per D3 profile



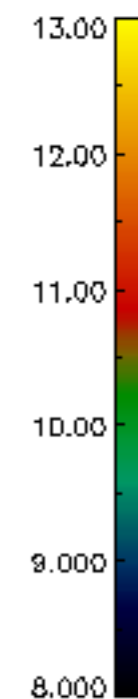
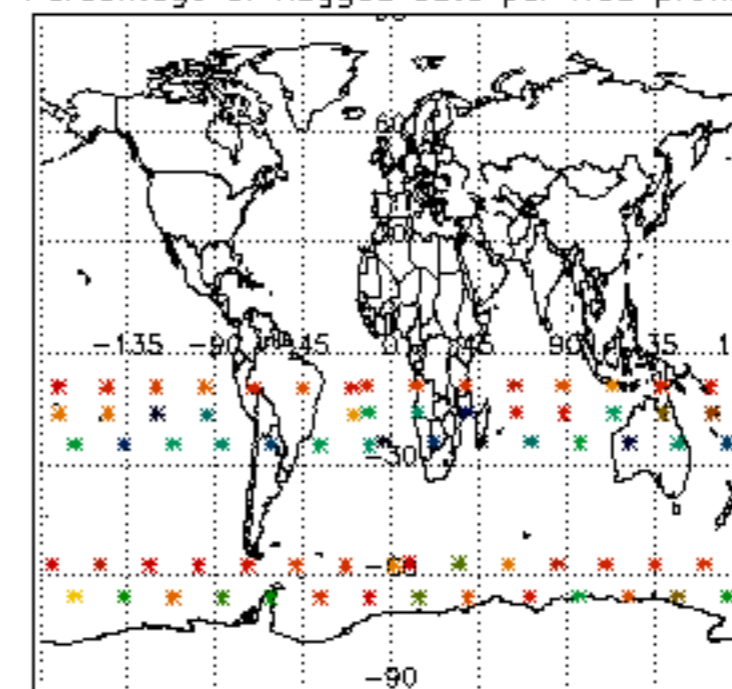
Percentage of flagged data per H2O profile

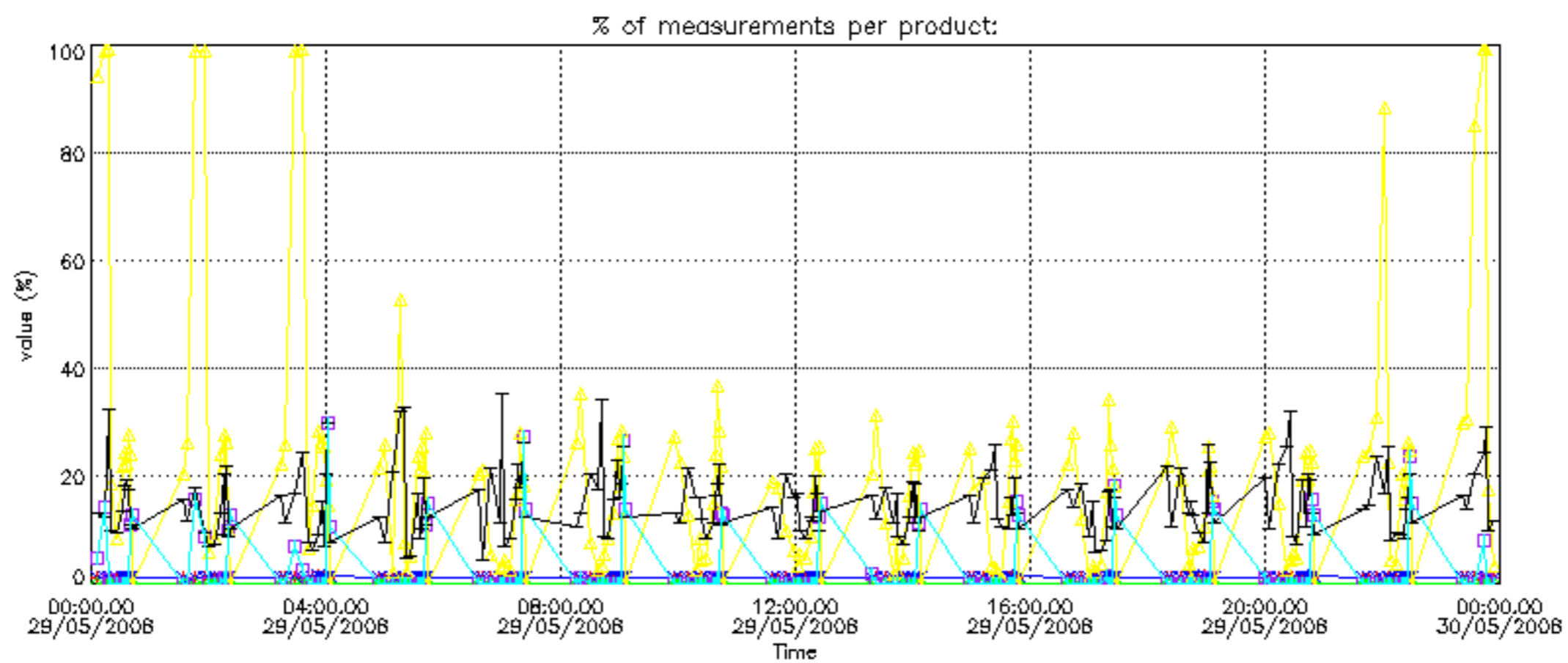
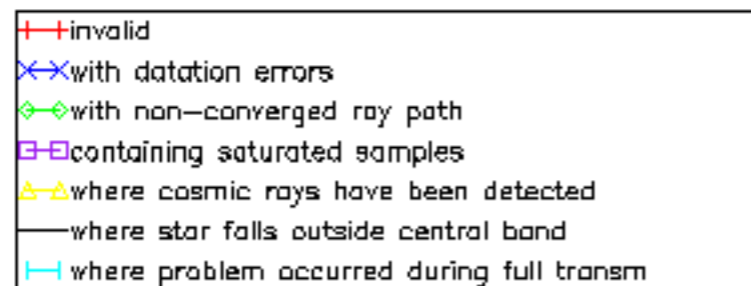


Percentage of flagged data per NO2 profile

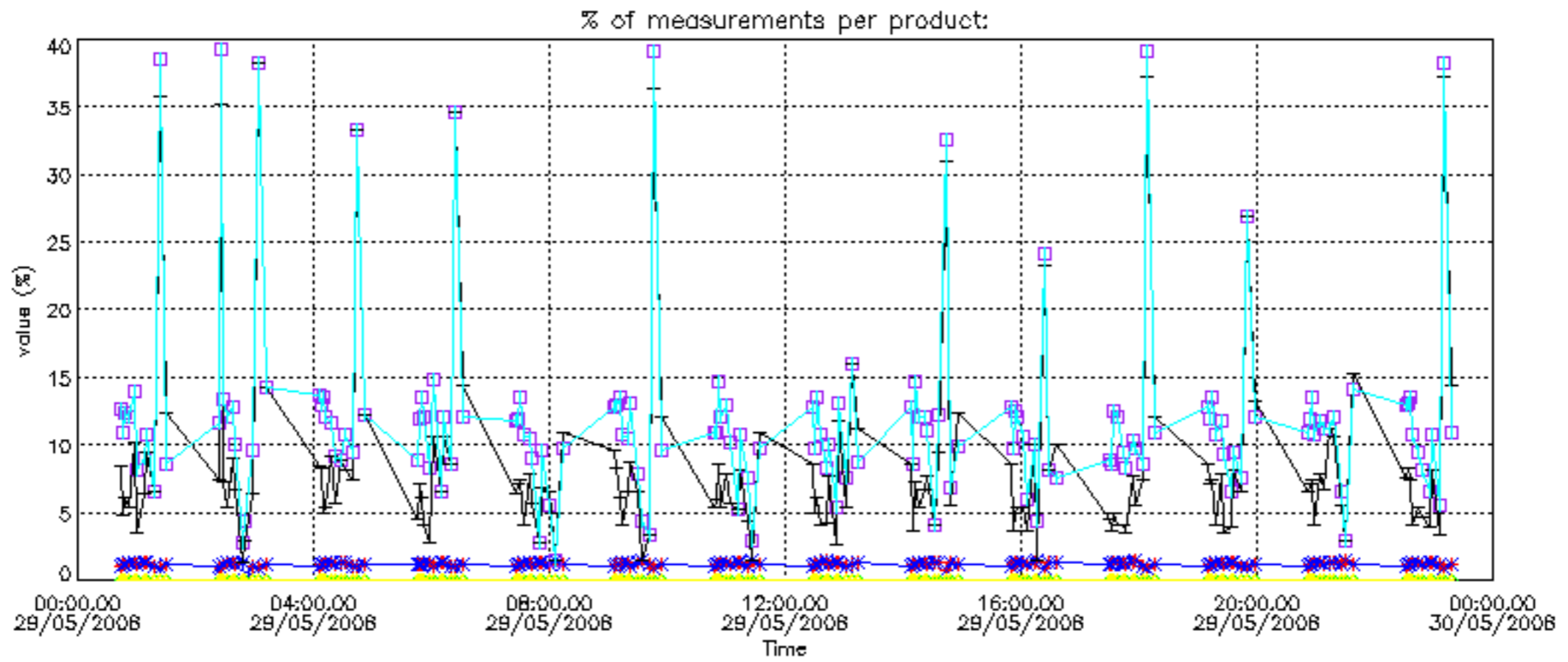


Percentage of flagged data per NO3 profile

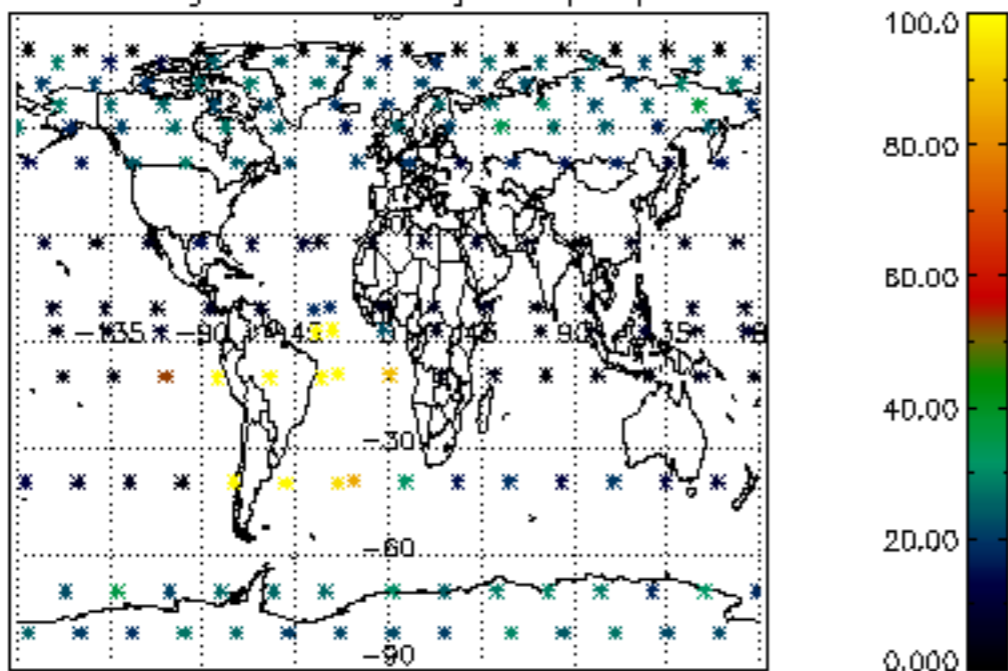




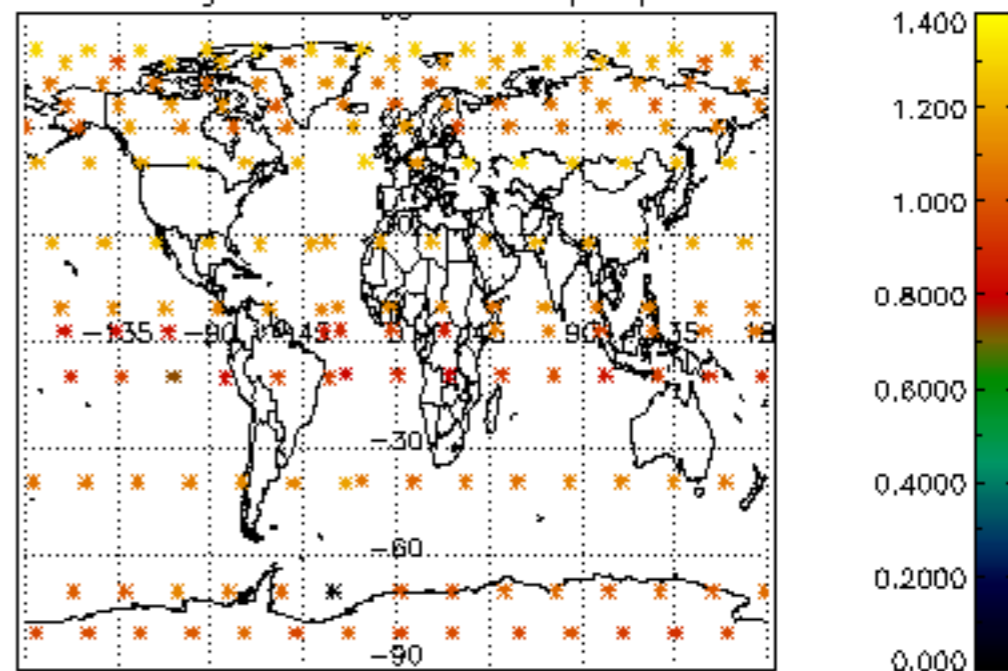




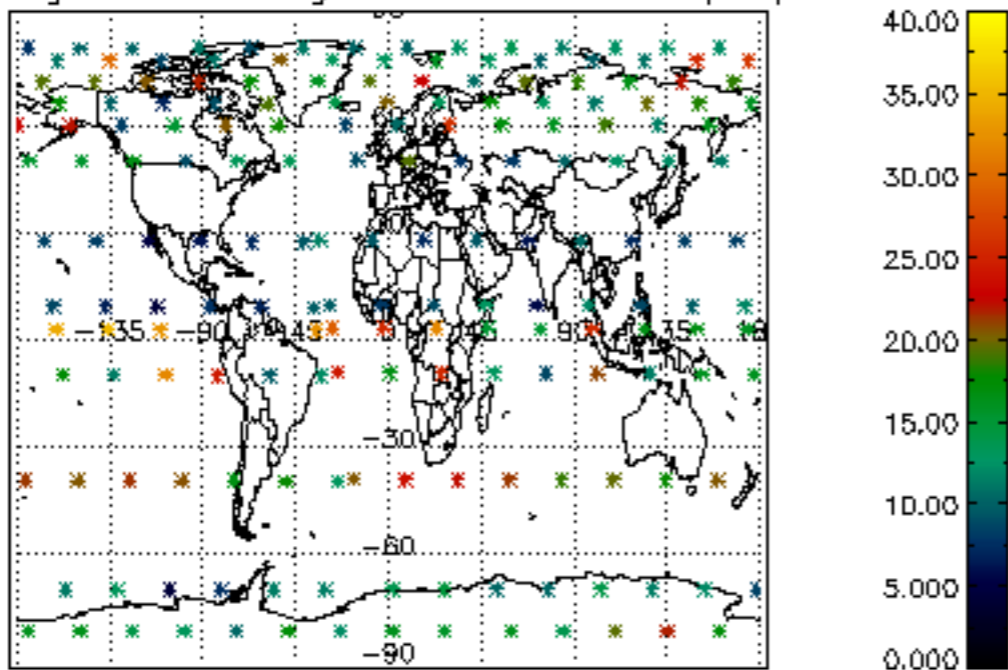
Percentage of cosmic ray hits per profile



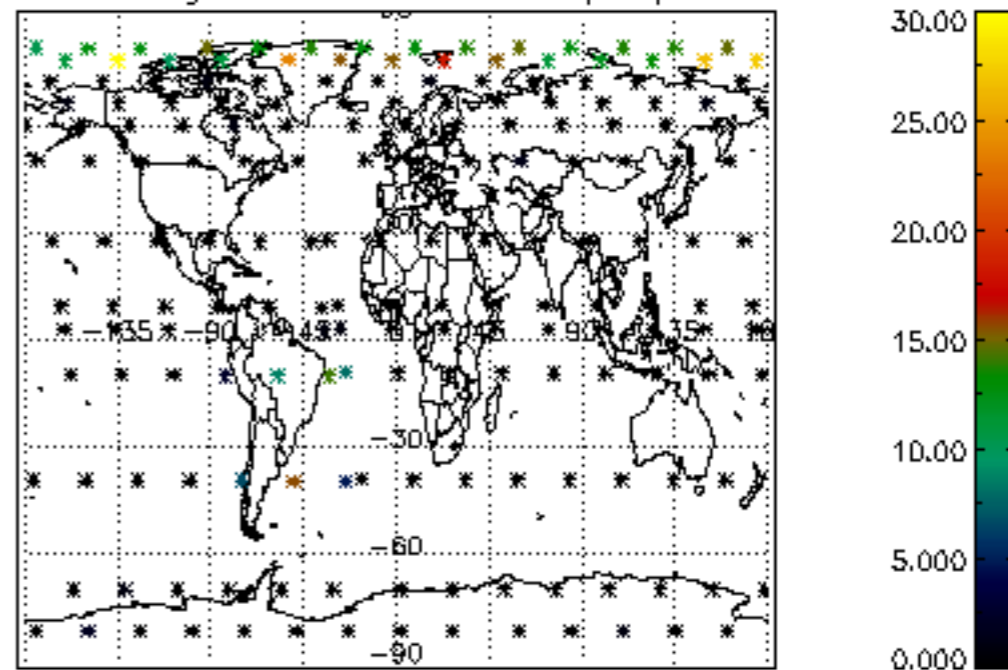
Percentage of datation errors per profile



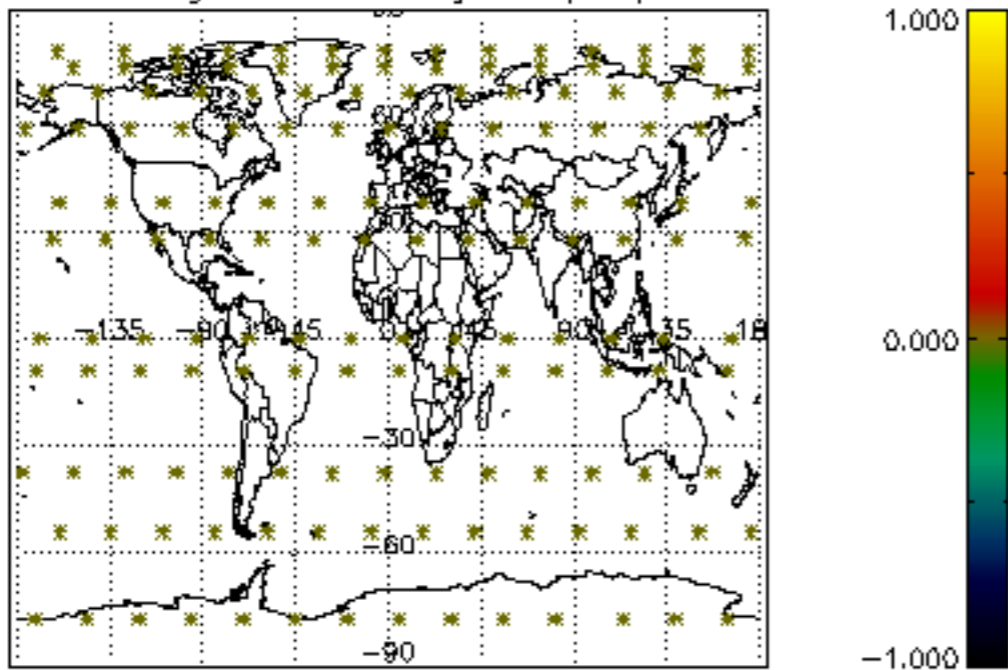
Percentage of star falling outside central band per profile



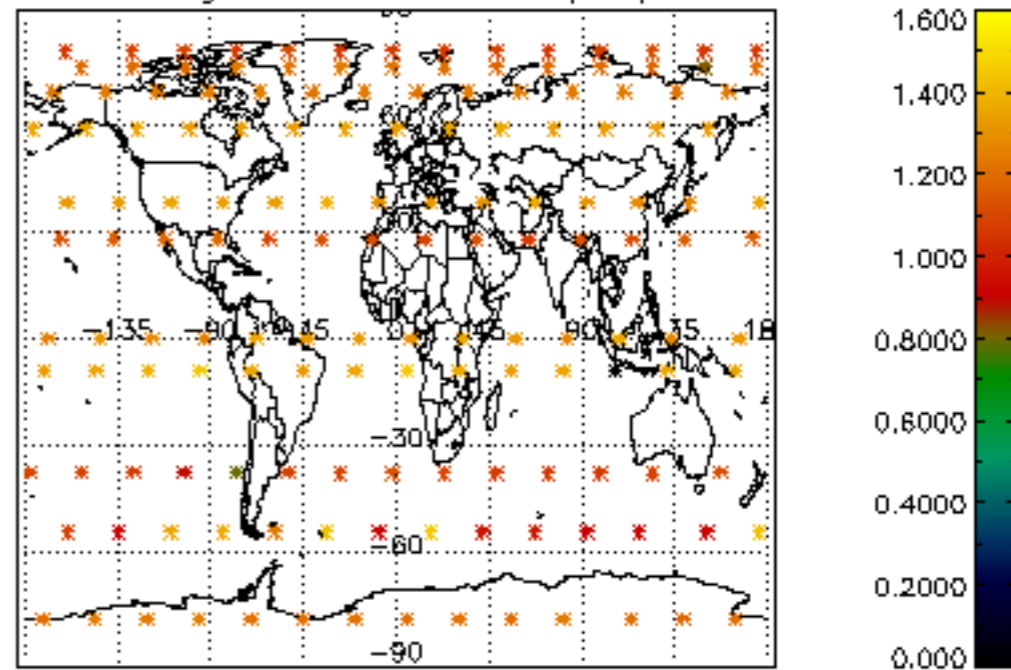
Percentage of saturation errors per profile



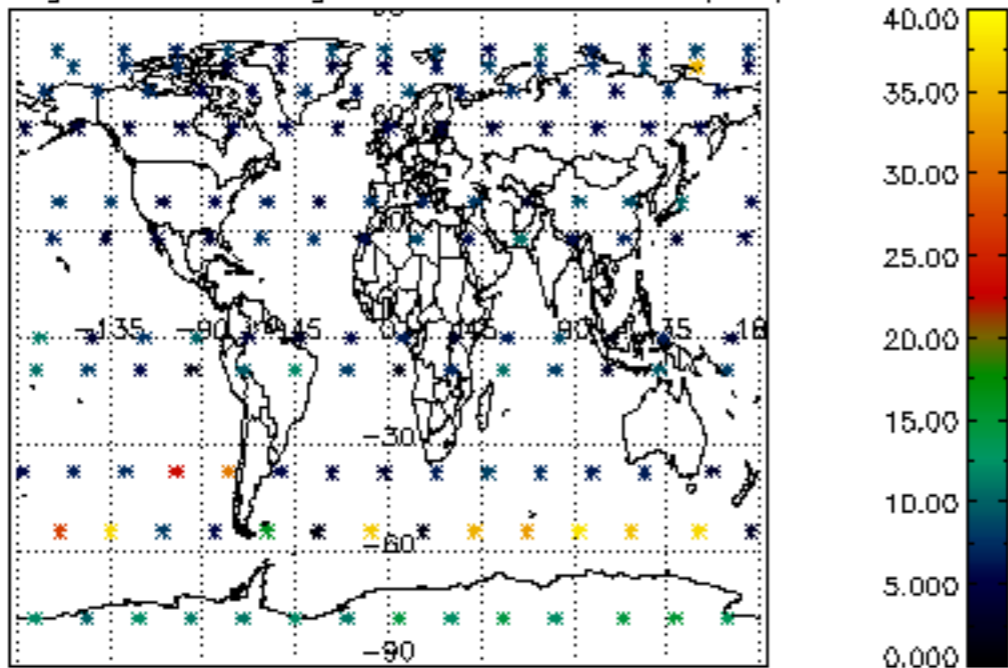
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

