

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 17:02:04
Data source version	GOMOS/6.01
Start time of products	05-07-2008 (05JUL2008 00:00:00)
Stop time of products	06-07-2008 (06JUL2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	298
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__2PRFIN20080705_005559_000000432070_00060_33180_4807.N1	05-JUL-2008 00:55:59	Dark	43.000	9	Alp Eri	0.45300	24000.	86	33180	No
2	GOM_NL__2PRFIN20080705_010022_000000372070_00060_33180_4808.N1	05-JUL-2008 01:00:22	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33180	No
3	GOM_NL__2PRFIN20080705_010746_000000422070_00060_33180_4809.N1	05-JUL-2008 01:07:46	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	33180	No
4	GOM_NL__2PRFIN20080705_011116_000000442070_00060_33180_4810.N1	05-JUL-2008 01:11:16	Straylight	44.000	141	Bet Ara	2.8400	4600.0	88	33180	No
5	GOM_NL__2PRFIN20080705_011246_000000372070_00060_33180_4811.N1	05-JUL-2008 01:12:46	Twilight	36.500	147	Alp Ara	2.8770	26000.	73	33180	No
6	GOM_NL__2PRFIN20080705_011435_000000412070_00060_33180_4812.N1	05-JUL-2008 01:14:35	Twilight	41.000	40	The Sco	1.8590	7100.0	82	33180	No
7	GOM_NL__2PRFIN20080705_011614_000000392070_00060_33180_4813.N1	05-JUL-2008 01:16:14	Twilight	38.500	25	35Lam Sco	1.6200	28000.	77	33180	No
8	GOM_NL__2PRFIN20080705_011741_000000542070_00060_33180_4814.N1	05-JUL-2008 01:17:41	Bright	54.000	116	19Del Sgr	2.7000	4100.0	108	33180	No
9	GOM_NL__2PRFIN20080705_011917_000000362070_00060_33180_4815.N1	05-JUL-2008 01:19:17	Bright	36.000	136	23Tau Sco	2.8220	30000.	72	33180	No
10	GOM_NL__2PRFIN20080705_012224_000000382070_00060_33180_4816.N1	05-JUL-2008 01:22:24	Bright	37.500	86	35Eta Oph	2.4300	10200.	75	33180	No
11	GOM_NL__2PRFIN20080705_012411_000000372070_00060_33180_4817.N1	05-JUL-2008 01:24:11	Bright	37.000	98	13Zet Oph	2.5710	30000.	74	33180	No
12	GOM_NL__2PRFIN20080705_012754_000000362070_00060_33180_4818.N1	05-JUL-2008 01:27:54	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	33180	No
13	GOM_NL__2PRFIN20080705_013012_000000362070_00060_33180_4819.N1	05-JUL-2008 01:30:12	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	33180	No
14	GOM_NL__2PRFIN20080705_013306_000000342070_00060_33180_4820.N1	05-JUL-2008 01:33:06	Bright	33.500	127	27Bet Her	2.7810	4700.0	67	33180	No
15	GOM_NL__2PRFIN20080705_013546_000000332070_00060_33180_4821.N1	05-JUL-2008 01:35:46	Bright	33.000	133	40Zet Her	2.8070	6000.0	66	33180	No
16	GOM_NL__2PRFIN20080705_014132_000000332070_00060_33180_4822.N1	05-JUL-2008 01:41:32	Bright	33.000	130	23Bet Dra	2.7990	5800.0	66	33180	No
17	GOM_NL__2PRFIN20080705_014407_000000372070_00060_33180_4823.N1	05-JUL-2008 01:44:07	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	33180	No
18	GOM_NL__2PRFIN20080705_014812_000000362070_00060_33180_4824.N1	05-JUL-2008 01:48:12	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	33180	No
19	GOM_NL__2PRFIN20080705_015216_000000322070_00060_33180_4825.N1	05-JUL-2008 01:52:16	Bright	31.500	49	1Alp UMi	1.9900	6300.0	63	33180	No
20	GOM_NL__2PRFIN20080705_020635_000000372070_00060_33180_4826.N1	05-JUL-2008 02:06:35	Bright	36.500	149	45Eps Per	2.8880	30000.	73	33180	No
21	GOM_NL__2PRFIN20080705_020900_000000412070_00060_33180_4827.N1	05-JUL-2008 02:09:00	Bright	40.500	150	44Zet Per	2.8900	28000.	81	33180	No
22	GOM_NL__2PRFIN20080705_022151_000000442070_00060_33180_4828.N1	05-JUL-2008 02:21:51	Dark	44.000	165	34Gam Eri	2.9500	3200.0	88	33180	No
23	GOM_NL__2PRFIN20080705_023026_000000382070_00060_33180_4829.N1	05-JUL-2008 02:30:26	Dark	38.000	157	The1Eri	2.9060	9300.0	76	33180	No
24	GOM_NL__2PRFIN20080705_023636_000000502070_00061_33181_4822.N1	05-JUL-2008 02:36:36	Dark	50.000	9	Alp Eri	0.45300	24000.	100	33181	No
25	GOM_NL__2PRFIN20080705_024058_000000372070_00061_33181_4823.N1	05-JUL-2008 02:40:58	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33181	No
26	GOM_NL__2PRFIN20080705_024823_000000412070_00061_33181_4824.N1	05-JUL-2008 02:48:23	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	33181	No
27	GOM_NL__2PRFIN20080705_025322_000000372070_00061_33181_4825.N1	05-JUL-2008 02:53:22	Twilight	37.000	147	Alp Ara	2.8770	26000.	74	33181	No
28	GOM_NL__2PRFIN20080705_025511_000000422070_00061_33181_4826.N1	05-JUL-2008 02:55:11	Twilight	41.500	40	The Sco	1.8590	7100.0	83	33181	No
29	GOM_NL__2PRFIN20080705_025651_000000392070_00061_33181_4827.N1	05-JUL-2008 02:56:51	Twilight	39.000	25	35Lam Sco	1.6200	28000.	78	33181	No
30	GOM_NL__2PRFIN20080705_025817_000000542070_00061_33181_4828.N1	05-JUL-2008 02:58:17	Bright	54.000	116	19Del Sgr	2.7000	4100.0	108	33181	No
31	GOM_NL__2PRFIN20080705_025953_000000372070_00061_33181_4829.N1	05-JUL-2008 02:59:53	Bright	36.500	136	23Tau Sco	2.8220	30000.	73	33181	No
32	GOM_NL__2PRFIN20080705_030300_000000372070_00061_33181_4830.N1	05-JUL-2008 03:03:00	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	33181	No
33	GOM_NL__2PRFIN20080705_030447_000000352070_00061_33181_4831.N1	05-JUL-2008 03:04:47	Bright	35.000	98	13Zet Oph	2.5710	30000.	70	33181	No
34	GOM_NL__2PRFIN20080705_030830_000000362070_00061_33181_4832.N1	05-JUL-2008 03:08:30	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	33181	No
35	GOM_NL__2PRFIN20080705_031048_000000362070_00061_33181_4833.N1	05-JUL-2008 03:10:48	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	33181	No
36	GOM_NL__2PRFIN20080705_031342_000000382070_00061_33181_4834.N1	05-JUL-2008 03:13:42	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	33181	No
37	GOM_NL__2PRFIN20080705_031622_000000362070_00061_33181_4835.N1	05-JUL-2008 03:16:22	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	33181	No
38	GOM_NL__2PRFIN20080705_032208_000000372070_00061_33181_4836.N1	05-JUL-2008 03:22:08	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	33181	No
39	GOM_NL__2PRFIN20080705_032443_000000342070_00061_33181_4837.N1	05-JUL-2008 03:24:43	Bright	33.500	119	14Eta Dra	2.7270	4700.0	67	33181	No
40	GOM_NL__2PRFIN20080705_032848_000000332070_00061_33181_4838.N1	05-JUL-2008 03:28:48	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	33181	No
41	GOM_NL__2PRFIN20080705_033252_000000342070_00061_33181_4839.N1	05-JUL-2008 03:32:52	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	33181	No
42	GOM_NL__2PRFIN20080705_034711_000000352070_00061_33181_4840.N1	05-JUL-2008 03:47:11	Bright	35.000	149	45Eps Per	2.8880	30000.	70	33181	No

43	GOM_NL__2PRFIN20080705_034936_000000422070_00061_33181_4841.N1	05-JUL-2008 03:49:36	Bright	41.500	150	44Zet Per	2.8900	28000.	83	33181	No
44	GOM_NL__2PRFIN20080705_040227_000000412070_00061_33181_4842.N1	05-JUL-2008 04:02:27	Dark	41.000	165	34Gam Eri	2.9500	3200.0	82	33181	No
45	GOM_NL__2PRFIN20080705_041102_000000392070_00061_33181_4843.N1	05-JUL-2008 04:11:02	Dark	38.500	157	The1Eri	2.9060	9300.0	77	33181	No
46	GOM_NL__2PRFIN20080705_041712_000000402070_00062_33182_4834.N1	05-JUL-2008 04:17:12	Dark	39.500	9	Alp Eri	0.45300	24000.	79	33182	No
47	GOM_NL__2PRFIN20080705_042134_000000362070_00062_33182_4835.N1	05-JUL-2008 04:21:34	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	33182	No
48	GOM_NL__2PRFIN20080705_042859_000000442070_00062_33182_4836.N1	05-JUL-2008 04:28:59	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	33182	No
49	GOM_NL__2PRFIN20080705_043358_000000392070_00062_33182_4837.N1	05-JUL-2008 04:33:58	Twi_and_stray	38.500	147	Alp Ara	2.8770	26000.	77	33182	No
50	GOM_NL__2PRFIN20080705_043547_000000412070_00062_33182_4838.N1	05-JUL-2008 04:35:47	Twi_and_stray	40.500	40	The Sco	1.8590	7100.0	81	33182	No
51	GOM_NL__2PRFIN20080705_043727_000000372070_00062_33182_4839.N1	05-JUL-2008 04:37:27	Twi_and_stray	37.000	25	35Lam Sco	1.6200	28000.	74	33182	No
52	GOM_NL__2PRFIN20080705_043853_000000412070_00062_33182_4840.N1	05-JUL-2008 04:38:53	Bright	40.500	116	19Del Sgr	2.7000	4100.0	81	33182	No
53	GOM_NL__2PRFIN20080705_044029_000000372070_00062_33182_4841.N1	05-JUL-2008 04:40:29	Bright	37.000	136	23Tau Sco	2.8220	30000.	74	33182	No
54	GOM_NL__2PRFIN20080705_044336_000000362070_00062_33182_4842.N1	05-JUL-2008 04:43:36	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33182	No
55	GOM_NL__2PRFIN20080705_044523_000000372070_00062_33182_4843.N1	05-JUL-2008 04:45:23	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	33182	No
56	GOM_NL__2PRFIN20080705_044906_000000362070_00062_33182_4844.N1	05-JUL-2008 04:49:06	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	33182	No
57	GOM_NL__2PRFIN20080705_045124_000000362070_00062_33182_4845.N1	05-JUL-2008 04:51:24	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	33182	No
58	GOM_NL__2PRFIN20080705_045418_000000362070_00062_33182_4846.N1	05-JUL-2008 04:54:18	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	33182	No
59	GOM_NL__2PRFIN20080705_045658_000000342070_00062_33182_4847.N1	05-JUL-2008 04:56:58	Bright	33.500	133	40Zet Her	2.8070	6000.0	67	33182	No
60	GOM_NL__2PRFIN20080705_050244_000000362070_00062_33182_4848.N1	05-JUL-2008 05:02:44	Bright	36.000	130	23Bet Dra	2.7990	5800.0	72	33182	No
61	GOM_NL__2PRFIN20080705_050519_000000332070_00062_33182_4849.N1	05-JUL-2008 05:05:19	Bright	32.500	119	14Eta Dra	2.7270	4700.0	65	33182	No
62	GOM_NL__2PRFIN20080705_050924_000000372070_00062_33182_4850.N1	05-JUL-2008 05:09:24	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	33182	No
63	GOM_NL__2PRFIN20080705_051328_000000322070_00062_33182_4851.N1	05-JUL-2008 05:13:28	Bright	31.500	49	1Alp UMi	1.9900	6300.0	63	33182	No
64	GOM_NL__2PRFIN20080705_052747_000000392070_00062_33182_4852.N1	05-JUL-2008 05:27:47	Bright	39.000	149	45Eps Per	2.8880	30000.	78	33182	No
65	GOM_NL__2PRFIN20080705_053012_000000382070_00062_33182_4853.N1	05-JUL-2008 05:30:12	Bright	38.000	150	44Zet Per	2.8900	28000.	76	33182	No
66	GOM_NL__2PRFIN20080705_054304_000000442070_00062_33182_4854.N1	05-JUL-2008 05:43:04	Dark	44.000	165	34Gam Eri	2.9500	3200.0	88	33182	No
67	GOM_NL__2PRFIN20080705_055138_000000402070_00062_33182_4855.N1	05-JUL-2008 05:51:38	Dark	39.500	157	The1Eri	2.9060	9300.0	79	33182	No
68	GOM_NL__2PRFIN20080705_055749_000000502070_00063_33183_4847.N1	05-JUL-2008 05:57:49	Dark	49.500	9	Alp Eri	0.45300	24000.	99	33183	No
69	GOM_NL__2PRFIN20080705_060210_000000372070_00063_33183_4848.N1	05-JUL-2008 06:02:10	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33183	No
70	GOM_NL__2PRFIN20080705_060936_000000412070_00063_33183_4849.N1	05-JUL-2008 06:09:36	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	33183	No
71	GOM_NL__2PRFIN20080705_061305_000000392070_00063_33183_4850.N1	05-JUL-2008 06:13:05	Straylight	38.500	141	Bet Ara	2.8400	4600.0	77	33183	No
72	GOM_NL__2PRFIN20080705_061434_000000362070_00063_33183_4851.N1	05-JUL-2008 06:14:34	Twi_and_stray	35.500	147	Alp Ara	2.8770	26000.	71	33183	No
73	GOM_NL__2PRFIN20080705_061623_000000412070_00063_33183_4852.N1	05-JUL-2008 06:16:23	Twi_and_stray	40.500	40	The Sco	1.8590	7100.0	81	33183	No
74	GOM_NL__2PRFIN20080705_061803_000000412070_00063_33183_4853.N1	05-JUL-2008 06:18:03	Twi_and_stray	40.500	25	35Lam Sco	1.6200	28000.	81	33183	No
75	GOM_NL__2PRFIN20080705_061930_000000472070_00063_33183_4854.N1	05-JUL-2008 06:19:30	Bright	46.500	116	19Del Sgr	2.7000	4100.0	93	33183	No
76	GOM_NL__2PRFIN20080705_062105_000000362070_00063_33183_4855.N1	05-JUL-2008 06:21:05	Bright	36.000	136	23Tau Sco	2.8220	30000.	72	33183	No
77	GOM_NL__2PRFIN20080705_062412_000000372070_00063_33183_4856.N1	05-JUL-2008 06:24:12	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33183	No
78	GOM_NL__2PRFIN20080705_062600_000000362070_00063_33183_4857.N1	05-JUL-2008 06:26:00	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	33183	No
79	GOM_NL__2PRFIN20080705_062942_000000372070_00063_33183_4858.N1	05-JUL-2008 06:29:42	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	33183	No
80	GOM_NL__2PRFIN20080705_063200_000000372070_00063_33183_4859.N1	05-JUL-2008 06:32:00	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	33183	No
81	GOM_NL__2PRFIN20080705_063454_000000362070_00063_33183_4860.N1	05-JUL-2008 06:34:54	Bright	35.500	127	27Bet Her	2.7810	4700.0	71	33183	No
82	GOM_NL__2PRFIN20080705_063734_000000372070_00063_33183_4861.N1	05-JUL-2008 06:37:34	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	33183	No
83	GOM_NL__2PRFIN20080705_064320_000000372070_00063_33183_4862.N1	05-JUL-2008 06:43:20	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	33183	No
84	GOM_NL__2PRFIN20080705_064555_000000352070_00063_33183_4863.N1	05-JUL-2008 06:45:55	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	33183	No
85	GOM_NL__2PRFIN20080705_065001_000000362070_00063_33183_4864.N1	05-JUL-2008 06:50:01	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	33183	No
86	GOM_NL__2PRFIN20080705_065404_000000362070_00063_33183_4865.N1	05-JUL-2008 06:54:04	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33183	No
87	GOM_NL__2PRFIN20080705_070823_000000542070_00063_33183_4866.N1	05-JUL-2008 07:08:23	Bright	54.000	149	45Eps Per	2.8880	30000.	108	33183	No
88	GOM_NL__2PRFIN20080705_071048_000000382070_00063_33183_4867.N1	05-JUL-2008 07:10:48	Bright	38.000	150	44Zet Per	2.8900	28000.	76	33183	No
89	GOM_NL__2PRFIN20080705_072340_000000432070_00063_33183_4868.N1	05-JUL-2008 07:23:40	Dark	43.000	165	34Gam Eri	2.9500	3200.0	86	33183	No
90	GOM_NL__2PRFIN20080705_073215_000000392070_00063_33183_4869.N1	05-JUL-2008 07:32:15	Dark	39.000	157	The1Eri	2.9060	9300.0	78	33183	No
91	GOM_NL__2PRFIN20080705_073825_000000522070_00064_33184_4869.N1	05-JUL-2008 07:38:25	Dark	51.500	9	Alp Eri	0.45300	24000.	103	33184	No
92	GOM_NL__2PRFIN20080705_074246_000000372070_00064_33184_4870.N1	05-JUL-2008 07:42:46	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33184	No
93	GOM_NL__2PRFIN20080705_075012_000000402070_00064_33184_4871.N1	05-JUL-2008 07:50:12	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33184	No
94	GOM_NL__2PRFIN20080705_075341_000000462070_00064_33184_4872.N1	05-JUL-2008 07:53:41	Straylight	46.000	141	Bet Ara	2.8400	4600.0	92	33184	No
95	GOM_NL__2PRFIN20080705_075510_000000372070_00064_33184_4873.N1	05-JUL-2008 07:55:10	Twi_and_stray	37.000	147	Alp Ara	2.8770	26000.	74	33184	No
96	GOM_NL__2PRFIN20080705_075659_000000402070_00064_33184_4874.N1	05-JUL-2008 07:56:59	Twi_and_stray	40.000	40	The Sco	1.8590	7100.0	80	33184	No
97	GOM_NL__2PRFIN20080705_075839_000000422070_00064_33184_4875.N1	05-JUL-2008 07:58:39	Twi_and_stray	42.000	25	35Lam Sco	1.6200	28000.	84	33184	No
98	GOM_NL__2PRFIN20080705_080006_000000432070_00064_33184_4876.N1	05-JUL-2008 08:00:06	Bright	42.500	116	19Del Sgr	2.7000	4100.0	85	33184	No
99	GOM_NL__2PRFIN20080705_080142_000000372070_00064_33184_4877.N1	05-JUL-2008 08:01:42	Bright	37.000	136	23Tau Sco	2.8220	30000.	74	33184	No
100	GOM_NL__2PRFIN20080705_080449_000000362070_00064_33184_4878.N1	05-JUL-2008 08:04:49	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33184	No
101	GOM_NL__2PRFIN20080705_080636_000000372070_00064_33184_4879.N1	05-JUL-2008 08:06:36	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	33184	No

102	GOM_NL__2PRFIN20080705_081018_000000372070_00064_33184_4880.N1	05-JUL-2008 08:10:18	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	33184	No
103	GOM_NL__2PRFIN20080705_081236_000000362070_00064_33184_4881.N1	05-JUL-2008 08:12:36	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	33184	No
104	GOM_NL__2PRFIN20080705_081530_000000342070_00064_33184_4882.N1	05-JUL-2008 08:15:30	Bright	34.000	127	27Bet Her	2.7810	4700.0	68	33184	No
105	GOM_NL__2PRFIN20080705_081810_000000342070_00064_33184_4883.N1	05-JUL-2008 08:18:10	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	33184	No
106	GOM_NL__2PRFIN20080705_082356_000000372070_00064_33184_4884.N1	05-JUL-2008 08:23:56	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	33184	No
107	GOM_NL__2PRFIN20080705_082632_000000362070_00064_33184_4885.N1	05-JUL-2008 08:26:32	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33184	No
108	GOM_NL__2PRFIN20080705_083037_000000362070_00064_33184_4886.N1	05-JUL-2008 08:30:37	Bright	36.000	60	7Bet UMI	2.0810	3950.0	72	33184	No
109	GOM_NL__2PRFIN20080705_083440_000000372070_00064_33184_4887.N1	05-JUL-2008 08:34:40	Bright	36.500	49	1Alp UMI	1.9900	6300.0	73	33184	No
110	GOM_NL__2PRFIN20080705_084859_000000362070_00064_33184_4888.N1	05-JUL-2008 08:48:59	Bright	35.500	149	45Eps Per	2.8880	30000.	71	33184	No
111	GOM_NL__2PRFIN20080705_090416_000000412070_00064_33184_4889.N1	05-JUL-2008 09:04:16	Dark	41.000	165	34Gam Eri	2.9500	3200.0	82	33184	No
112	GOM_NL__2PRFIN20080705_091251_000000402070_00064_33184_4890.N1	05-JUL-2008 09:12:51	Dark	40.000	157	The1Eri	2.9060	9300.0	80	33184	No
113	GOM_NL__2PRFIN20080705_091902_000000522070_00065_33185_4883.N1	05-JUL-2008 09:19:02	Dark	51.500	9	Alp Eri	0.45300	24000.	103	33185	No
114	GOM_NL__2PRFIN20080705_092322_000000362070_00065_33185_4884.N1	05-JUL-2008 09:23:22	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	33185	No
115	GOM_NL__2PRFIN20080705_093048_000000402070_00065_33185_4885.N1	05-JUL-2008 09:30:48	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	33185	No
116	GOM_NL__2PRFIN20080705_093546_000000392070_00065_33185_4886.N1	05-JUL-2008 09:35:46	Tw_i_and_stray	39.000	147	Alp Ara	2.8770	26000.	78	33185	No
117	GOM_NL__2PRFIN20080705_093735_000000392070_00065_33185_4887.N1	05-JUL-2008 09:37:35	Tw_i_and_stray	38.500	40	The Sco	1.8590	7100.0	77	33185	No
118	GOM_NL__2PRFIN20080705_093915_000000402070_00065_33185_4888.N1	05-JUL-2008 09:39:15	Tw_i_and_stray	40.000	25	35Lam Sco	1.6200	28000.	80	33185	No
119	GOM_NL__2PRFIN20080705_094042_000000542070_00065_33185_4889.N1	05-JUL-2008 09:40:42	Bright	54.000	116	19Del Sgr	2.7000	4100.0	108	33185	No
120	GOM_NL__2PRFIN20080705_094524_000000362070_00065_33185_4890.N1	05-JUL-2008 09:45:24	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33185	No
121	GOM_NL__2PRFIN20080705_094712_000000362070_00065_33185_4891.N1	05-JUL-2008 09:47:12	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	33185	No
122	GOM_NL__2PRFIN20080705_095054_000000372070_00065_33185_4892.N1	05-JUL-2008 09:50:54	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	33185	No
123	GOM_NL__2PRFIN20080705_095312_000000372070_00065_33185_4893.N1	05-JUL-2008 09:53:12	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	33185	No
124	GOM_NL__2PRFIN20080705_095606_000000352070_00065_33185_4894.N1	05-JUL-2008 09:56:06	Bright	35.000	127	27Bet Her	2.7810	4700.0	70	33185	No
125	GOM_NL__2PRFIN20080705_095846_000000372070_00065_33185_4895.N1	05-JUL-2008 09:58:46	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	33185	No
126	GOM_NL__2PRFIN20080705_100432_000000372070_00065_33185_4896.N1	05-JUL-2008 10:04:32	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	33185	No
127	GOM_NL__2PRFIN20080705_100707_000000362070_00065_33185_4897.N1	05-JUL-2008 10:07:07	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33185	No
128	GOM_NL__2PRFIN20080705_101113_000000352070_00065_33185_4898.N1	05-JUL-2008 10:11:13	Bright	34.500	60	7Bet UMI	2.0810	3950.0	69	33185	No
129	GOM_NL__2PRFIN20080705_101516_000000362070_00065_33185_4899.N1	05-JUL-2008 10:15:16	Bright	36.000	49	1Alp UMI	1.9900	6300.0	72	33185	No
130	GOM_NL__2PRFIN20080705_102935_000000372070_00065_33185_4900.N1	05-JUL-2008 10:29:35	Bright	37.000	149	45Eps Per	2.8880	30000.	74	33185	No
131	GOM_NL__2PRFIN20080705_104453_000000422070_00065_33185_4901.N1	05-JUL-2008 10:44:53	Dark	41.500	165	34Gam Eri	2.9500	3200.0	83	33185	No
132	GOM_NL__2PRFIN20080705_105327_000000392070_00065_33185_4902.N1	05-JUL-2008 10:53:27	Dark	38.500	157	The1Eri	2.9060	9300.0	77	33185	No
133	GOM_NL__2PRFIN20080705_105938_000000452070_00066_33186_4897.N1	05-JUL-2008 10:59:38	Dark	45.000	9	Alp Eri	0.45300	24000.	90	33186	No
134	GOM_NL__2PRFIN20080705_110359_000000352070_00066_33186_4898.N1	05-JUL-2008 11:03:59	Dark	35.000	135	Bet Hyi	2.8200	5800.0	70	33186	No
135	GOM_NL__2PRFIN20080705_111125_000000422070_00066_33186_4899.N1	05-JUL-2008 11:11:25	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	33186	No
136	GOM_NL__2PRFIN20080705_111453_000000392070_00066_33186_4900.N1	05-JUL-2008 11:14:53	Straylight	39.000	141	Bet Ara	2.8400	4600.0	78	33186	No
137	GOM_NL__2PRFIN20080705_112600_000000372070_00066_33186_4901.N1	05-JUL-2008 11:26:00	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33186	No
138	GOM_NL__2PRFIN20080705_112748_000000372070_00066_33186_4902.N1	05-JUL-2008 11:27:48	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	33186	No
139	GOM_NL__2PRFIN20080705_113129_000000362070_00066_33186_4903.N1	05-JUL-2008 11:31:29	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	33186	No
140	GOM_NL__2PRFIN20080705_113348_000000382070_00066_33186_4904.N1	05-JUL-2008 11:33:48	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	33186	No
141	GOM_NL__2PRFIN20080705_113642_000000372070_00066_33186_4905.N1	05-JUL-2008 11:36:42	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	33186	No
142	GOM_NL__2PRFIN20080705_113922_000000362070_00066_33186_4906.N1	05-JUL-2008 11:39:22	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	33186	No
143	GOM_NL__2PRFIN20080705_114507_000000372070_00066_33186_4907.N1	05-JUL-2008 11:45:07	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	33186	No
144	GOM_NL__2PRFIN20080705_114743_000000372070_00066_33186_4908.N1	05-JUL-2008 11:47:43	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	33186	No
145	GOM_NL__2PRFIN20080705_115149_000000362070_00066_33186_4909.N1	05-JUL-2008 11:51:49	Bright	36.000	60	7Bet UMI	2.0810	3950.0	72	33186	No
146	GOM_NL__2PRFIN20080705_115552_000000362070_00066_33186_4910.N1	05-JUL-2008 11:55:52	Bright	36.000	49	1Alp UMI	1.9900	6300.0	72	33186	No
147	GOM_NL__2PRFIN20080705_121011_000000342070_00066_33186_4911.N1	05-JUL-2008 12:10:11	Bright	34.000	149	45Eps Per	2.8880	30000.	68	33186	No
148	GOM_NL__2PRFIN20080705_122529_000000452070_00066_33186_4912.N1	05-JUL-2008 12:25:29	Dark	44.500	165	34Gam Eri	2.9500	3200.0	89	33186	No
149	GOM_NL__2PRFIN20080705_123404_000000402070_00066_33186_4913.N1	05-JUL-2008 12:34:04	Dark	40.000	157	The1Eri	2.9060	9300.0	80	33186	No
150	GOM_NL__2PRFIN20080705_124015_000000492070_00067_33187_4910.N1	05-JUL-2008 12:40:15	Dark	49.000	9	Alp Eri	0.45300	24000.	98	33187	No
151	GOM_NL__2PRFIN20080705_124435_000000372070_00067_33187_4911.N1	05-JUL-2008 12:44:35	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33187	No
152	GOM_NL__2PRFIN20080705_125201_000000402070_00067_33187_4912.N1	05-JUL-2008 12:52:01	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	33187	No
153	GOM_NL__2PRFIN20080705_125529_000000392070_00067_33187_4913.N1	05-JUL-2008 12:55:29	Straylight	39.000	141	Bet Ara	2.8400	4600.0	78	33187	No
154	GOM_NL__2PRFIN20080705_125658_000000382070_00067_33187_4914.N1	05-JUL-2008 12:56:58	Tw_i_and_stray	38.000	147	Alp Ara	2.8770	26000.	76	33187	No
155	GOM_NL__2PRFIN20080705_125847_000000422070_00067_33187_4915.N1	05-JUL-2008 12:58:47	Tw_i_and_stray	42.000	40	The Sco	1.8590	7100.0	84	33187	No
156	GOM_NL__2PRFIN20080705_130027_000000402070_00067_33187_4916.N1	05-JUL-2008 13:00:27	Tw_i_and_stray	39.500	25	35Lam Sco	1.6200	28000.	79	33187	No
157	GOM_NL__2PRFIN20080705_130154_000000432070_00067_33187_4917.N1	05-JUL-2008 13:01:54	Bright	43.000	116	19Del Sgr	2.7000	4100.0	86	33187	No
158	GOM_NL__2PRFIN20080705_130330_000000372070_00067_33187_4918.N1	05-JUL-2008 13:03:30	Bright	36.500	136	23Tau Sco	2.8220	30000.	73	33187	No
159	GOM_NL__2PRFIN20080705_130637_000000372070_00067_33187_4919.N1	05-JUL-2008 13:06:37	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	33187	No
160	GOM_NL__2PRFIN20080705_130824_000000372070_00067_33187_4920.N1	05-JUL-2008 13:08:24	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	33187	No

161	GOM_NL__2PRFIN20080705_131205_000000352070_00067_33187_4921.N1	05-JUL-2008 13:12:05	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	33187	No
162	GOM_NL__2PRFIN20080705_131424_000000352070_00067_33187_4922.N1	05-JUL-2008 13:14:24	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	33187	No
163	GOM_NL__2PRFIN20080705_131719_000000362070_00067_33187_4923.N1	05-JUL-2008 13:17:19	Bright	35.500	127	27Bet Her	2.7810	4700.0	71	33187	No
164	GOM_NL__2PRFIN20080705_131958_000000342070_00067_33187_4924.N1	05-JUL-2008 13:19:58	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	33187	No
165	GOM_NL__2PRFIN20080705_132543_000000372070_00067_33187_4925.N1	05-JUL-2008 13:25:43	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	33187	No
166	GOM_NL__2PRFIN20080705_132819_000000342070_00067_33187_4926.N1	05-JUL-2008 13:28:19	Bright	33.500	119	14Eta Dra	2.7270	4700.0	67	33187	No
167	GOM_NL__2PRFIN20080705_133225_000000372070_00067_33187_4927.N1	05-JUL-2008 13:32:25	Bright	37.000	60	7Bet UMI	2.0810	3950.0	74	33187	No
168	GOM_NL__2PRFIN20080705_133628_000000342070_00067_33187_4928.N1	05-JUL-2008 13:36:28	Bright	33.500	49	1Alp UMI	1.9900	6300.0	67	33187	No
169	GOM_NL__2PRFIN20080705_135047_000000352070_00067_33187_4929.N1	05-JUL-2008 13:50:47	Bright	34.500	149	45Eps Per	2.8880	30000.	69	33187	No
170	GOM_NL__2PRFIN20080705_140605_000000432070_00067_33187_4930.N1	05-JUL-2008 14:06:05	Dark	43.000	165	34Gam Eri	2.9500	3200.0	86	33187	No
171	GOM_NL__2PRFIN20080705_141440_000000402070_00067_33187_4931.N1	05-JUL-2008 14:14:40	Dark	40.000	157	The1Eri	2.9060	9300.0	80	33187	No
172	GOM_NL__2PRFIN20080705_142051_000000412070_00068_33188_4920.N1	05-JUL-2008 14:20:51	Dark	41.000	9	Alp Eri	0.45300	24000.	82	33188	No
173	GOM_NL__2PRFIN20080705_142511_000000372070_00068_33188_4921.N1	05-JUL-2008 14:25:11	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33188	No
174	GOM_NL__2PRFIN20080705_143237_000000402070_00068_33188_4922.N1	05-JUL-2008 14:32:37	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	33188	No
175	GOM_NL__2PRFIN20080705_143734_000000372070_00068_33188_4923.N1	05-JUL-2008 14:37:34	Tw_i_and_stray	37.000	147	Alp Ara	2.8770	26000.	74	33188	No
176	GOM_NL__2PRFIN20080705_143924_000000422070_00068_33188_4924.N1	05-JUL-2008 14:39:24	Tw_i_and_stray	42.000	40	The Sco	1.8590	7100.0	84	33188	No
177	GOM_NL__2PRFIN20080705_144103_000000412070_00068_33188_4925.N1	05-JUL-2008 14:41:03	Tw_i_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	33188	No
178	GOM_NL__2PRFIN20080705_144230_000000482070_00068_33188_4926.N1	05-JUL-2008 14:42:30	Bright	48.000	116	19Del Sgr	2.7000	4100.0	96	33188	No
179	GOM_NL__2PRFIN20080705_144406_000000372070_00068_33188_4927.N1	05-JUL-2008 14:44:06	Bright	37.000	136	23Tau Sco	2.8220	30000.	74	33188	No
180	GOM_NL__2PRFIN20080705_144713_000000362070_00068_33188_4928.N1	05-JUL-2008 14:47:13	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33188	No
181	GOM_NL__2PRFIN20080705_144900_000000372070_00068_33188_4929.N1	05-JUL-2008 14:49:00	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	33188	No
182	GOM_NL__2PRFIN20080705_145241_000000362070_00068_33188_4930.N1	05-JUL-2008 14:52:41	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	33188	No
183	GOM_NL__2PRFIN20080705_145500_000000382070_00068_33188_4931.N1	05-JUL-2008 14:55:00	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	33188	No
184	GOM_NL__2PRFIN20080705_145755_000000352070_00068_33188_4932.N1	05-JUL-2008 14:57:55	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	33188	No
185	GOM_NL__2PRFIN20080705_150034_000000352070_00068_33188_4933.N1	05-JUL-2008 15:00:34	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	33188	No
186	GOM_NL__2PRFIN20080705_150619_000000352070_00068_33188_4934.N1	05-JUL-2008 15:06:19	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	33188	No
187	GOM_NL__2PRFIN20080705_150855_000000372070_00068_33188_4935.N1	05-JUL-2008 15:08:55	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	33188	No
188	GOM_NL__2PRFIN20080705_151301_000000342070_00068_33188_4936.N1	05-JUL-2008 15:13:01	Bright	34.000	60	7Bet UMI	2.0810	3950.0	68	33188	No
189	GOM_NL__2PRFIN20080705_151704_000000362070_00068_33188_4937.N1	05-JUL-2008 15:17:04	Bright	36.000	49	1Alp UMI	1.9900	6300.0	72	33188	No
190	GOM_NL__2PRFIN20080705_153123_000000542070_00068_33188_4938.N1	05-JUL-2008 15:31:23	Bright	54.000	149	45Eps Per	2.8880	30000.	108	33188	No
191	GOM_NL__2PRFIN20080705_154641_000000432070_00068_33188_4939.N1	05-JUL-2008 15:46:41	Dark	42.500	165	34Gam Eri	2.9500	3200.0	85	33188	No
192	GOM_NL__2PRFIN20080705_155517_000000392070_00068_33188_4940.N1	05-JUL-2008 15:55:17	Dark	39.000	157	The1Eri	2.9060	9300.0	78	33188	No
193	GOM_NL__2PRFIN20080705_160128_000000492070_00069_33189_4944.N1	05-JUL-2008 16:01:28	Dark	49.000	9	Alp Eri	0.45300	24000.	98	33189	No
194	GOM_NL__2PRFIN20080705_160547_000000362070_00069_33189_4945.N1	05-JUL-2008 16:05:47	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	33189	No
195	GOM_NL__2PRFIN20080705_161314_000000402070_00069_33189_4946.N1	05-JUL-2008 16:13:14	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	33189	No
196	GOM_NL__2PRFIN20080705_161641_000000402070_00069_33189_4947.N1	05-JUL-2008 16:16:41	Straylight	39.500	141	Bet Ara	2.8400	4600.0	79	33189	No
197	GOM_NL__2PRFIN20080705_161810_000000362070_00069_33189_4948.N1	05-JUL-2008 16:18:10	Tw_i_and_stray	36.000	147	Alp Ara	2.8770	26000.	72	33189	No
198	GOM_NL__2PRFIN20080705_162000_000000392070_00069_33189_4949.N1	05-JUL-2008 16:20:00	Tw_i_and_stray	39.000	40	The Sco	1.8590	7100.0	78	33189	No
199	GOM_NL__2PRFIN20080705_162139_000000412070_00069_33189_4950.N1	05-JUL-2008 16:21:39	Tw_i_and_stray	40.500	25	35Lam Sco	1.6200	28000.	81	33189	No
200	GOM_NL__2PRFIN20080705_162306_000000512070_00069_33189_4951.N1	05-JUL-2008 16:23:06	Bright	51.000	116	19Del Sgr	2.7000	4100.0	102	33189	No
201	GOM_NL__2PRFIN20080705_162442_000000362070_00069_33189_4952.N1	05-JUL-2008 16:24:42	Bright	36.000	136	23Tau Sco	2.8220	30000.	72	33189	No
202	GOM_NL__2PRFIN20080705_162749_000000372070_00069_33189_4953.N1	05-JUL-2008 16:27:49	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33189	No
203	GOM_NL__2PRFIN20080705_162936_000000372070_00069_33189_4954.N1	05-JUL-2008 16:29:36	Bright	37.000	98	13Zet Oph	2.5710	30000.	74	33189	No
204	GOM_NL__2PRFIN20080705_163317_000000372070_00069_33189_4955.N1	05-JUL-2008 16:33:17	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	33189	No
205	GOM_NL__2PRFIN20080705_163536_000000382070_00069_33189_4956.N1	05-JUL-2008 16:35:36	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	33189	No
206	GOM_NL__2PRFIN20080705_163831_000000372070_00069_33189_4957.N1	05-JUL-2008 16:38:31	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	33189	No
207	GOM_NL__2PRFIN20080705_164110_000000352070_00069_33189_4958.N1	05-JUL-2008 16:41:10	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	33189	No
208	GOM_NL__2PRFIN20080705_164655_000000382070_00069_33189_4959.N1	05-JUL-2008 16:46:55	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	33189	No
209	GOM_NL__2PRFIN20080705_164932_000000352070_00069_33189_4960.N1	05-JUL-2008 16:49:32	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	33189	No
210	GOM_NL__2PRFIN20080705_165337_000000322070_00069_33189_4961.N1	05-JUL-2008 16:53:37	Bright	32.000	60	7Bet UMI	2.0810	3950.0	64	33189	No
211	GOM_NL__2PRFIN20080705_165740_000000362070_00069_33189_4962.N1	05-JUL-2008 16:57:40	Bright	36.000	49	1Alp UMI	1.9900	6300.0	72	33189	No
212	GOM_NL__2PRFIN20080705_171159_000000342070_00069_33189_4963.N1	05-JUL-2008 17:11:59	Bright	33.500	149	45Eps Per	2.8880	30000.	67	33189	No
213	GOM_NL__2PRFIN20080705_172718_000000412070_00069_33189_4964.N1	05-JUL-2008 17:27:18	Dark	40.500	165	34Gam Eri	2.9500	3200.0	81	33189	No
214	GOM_NL__2PRFIN20080705_173553_000000402070_00069_33189_4965.N1	05-JUL-2008 17:35:53	Dark	40.000	157	The1Eri	2.9060	9300.0	80	33189	No
215	GOM_NL__2PRFIN20080705_174204_000000492070_00070_33190_4958.N1	05-JUL-2008 17:42:04	Dark	48.500	9	Alp Eri	0.45300	24000.	97	33190	No
216	GOM_NL__2PRFIN20080705_174623_000000362070_00070_33190_4959.N1	05-JUL-2008 17:46:23	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	33190	No
217	GOM_NL__2PRFIN20080705_175350_000000432070_00070_33190_4960.N1	05-JUL-2008 17:53:50	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	33190	No
218	GOM_NL__2PRFIN20080705_175847_000000382070_00070_33190_4961.N1	05-JUL-2008 17:58:47	Tw_i_and_stray	38.000	147	Alp Ara	2.8770	26000.	76	33190	No
219	GOM_NL__2PRFIN20080705_180036_000000372070_00070_33190_4962.N1	05-JUL-2008 18:00:36	Tw_i_and_stray	37.000	40	The Sco	1.8590	7100.0	74	33190	No

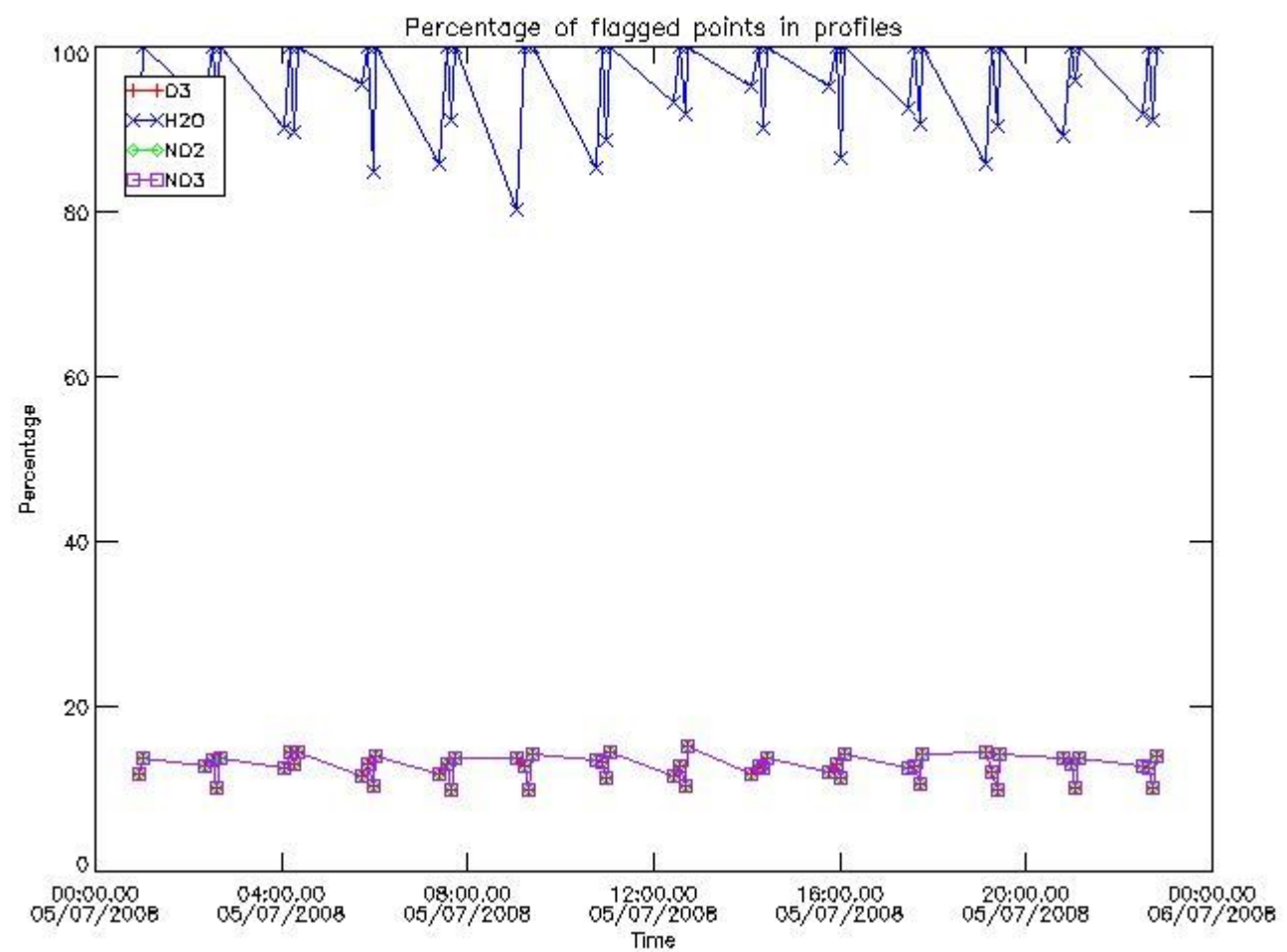
220	GOM_NL__2PRFIN20080705_180216_000000422070_00070_33190_4963.N1	05-JUL-2008 18:02:16	Twilight	41.500	25	35Lam Sco	1.6200	28000.	83	33190	No
221	GOM_NL__2PRFIN20080705_180343_000000472070_00070_33190_4964.N1	05-JUL-2008 18:03:43	Bright	46.500	116	19Del Sgr	2.7000	4100.0	93	33190	No
222	GOM_NL__2PRFIN20080705_180825_000000362070_00070_33190_4965.N1	05-JUL-2008 18:08:25	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33190	No
223	GOM_NL__2PRFIN20080705_181013_000000362070_00070_33190_4966.N1	05-JUL-2008 18:10:13	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	33190	No
224	GOM_NL__2PRFIN20080705_181353_000000372070_00070_33190_4967.N1	05-JUL-2008 18:13:53	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	33190	No
225	GOM_NL__2PRFIN20080705_181612_000000372070_00070_33190_4968.N1	05-JUL-2008 18:16:12	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	33190	No
226	GOM_NL__2PRFIN20080705_181907_000000372070_00070_33190_4969.N1	05-JUL-2008 18:19:07	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	33190	No
227	GOM_NL__2PRFIN20080705_182146_000000522070_00070_33190_4970.N1	05-JUL-2008 18:21:46	Bright	52.000	133	40Zet Her	2.8070	6000.0	104	33190	No
228	GOM_NL__2PRFIN20080705_182731_000000372070_00070_33190_4971.N1	05-JUL-2008 18:27:31	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	33190	No
229	GOM_NL__2PRFIN20080705_183008_000000362070_00070_33190_4972.N1	05-JUL-2008 18:30:08	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33190	No
230	GOM_NL__2PRFIN20080705_183413_000000342070_00070_33190_4973.N1	05-JUL-2008 18:34:13	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	33190	No
231	GOM_NL__2PRFIN20080705_183816_000000372070_00070_33190_4974.N1	05-JUL-2008 18:38:16	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	33190	No
232	GOM_NL__2PRFIN20080705_185235_000000342070_00070_33190_4975.N1	05-JUL-2008 18:52:35	Bright	34.000	149	45Eps Per	2.8880	30000.	68	33190	No
233	GOM_NL__2PRFIN20080705_190754_000000432070_00070_33190_4976.N1	05-JUL-2008 19:07:54	Dark	42.500	165	34Gam Eri	2.9500	3200.0	85	33190	No
234	GOM_NL__2PRFIN20080705_191630_000000422070_00070_33190_4977.N1	05-JUL-2008 19:16:30	Dark	42.000	157	The1Eri	2.9060	9300.0	84	33190	No
235	GOM_NL__2PRFIN20080705_192241_000000522070_00071_33191_4972.N1	05-JUL-2008 19:22:41	Dark	52.000	9	Alp Eri	0.45300	24000.	104	33191	No
236	GOM_NL__2PRFIN20080705_192700_000000362070_00071_33191_4973.N1	05-JUL-2008 19:27:00	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	33191	No
237	GOM_NL__2PRFIN20080705_193427_000000402070_00071_33191_4974.N1	05-JUL-2008 19:34:27	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	33191	No
238	GOM_NL__2PRFIN20080705_193753_000000382070_00071_33191_4975.N1	05-JUL-2008 19:37:53	Straylight	37.500	141	Bet Ara	2.8400	4600.0	75	33191	No
239	GOM_NL__2PRFIN20080705_193923_000000372070_00071_33191_4976.N1	05-JUL-2008 19:39:23	Twilight	36.500	147	Alp Ara	2.8770	26000.	73	33191	No
240	GOM_NL__2PRFIN20080705_194112_000000412070_00071_33191_4977.N1	05-JUL-2008 19:41:12	Twilight	40.500	40	The Sco	1.8590	7100.0	81	33191	No
241	GOM_NL__2PRFIN20080705_194252_000000402070_00071_33191_4978.N1	05-JUL-2008 19:42:52	Twilight	39.500	25	35Lam Sco	1.6200	28000.	79	33191	No
242	GOM_NL__2PRFIN20080705_194419_000000432070_00071_33191_4979.N1	05-JUL-2008 19:44:19	Bright	43.000	116	19Del Sgr	2.7000	4100.0	86	33191	No
243	GOM_NL__2PRFIN20080705_194554_000000362070_00071_33191_4980.N1	05-JUL-2008 19:45:54	Bright	36.000	136	23Tau Sco	2.8220	30000.	72	33191	No
244	GOM_NL__2PRFIN20080705_194901_000000372070_00071_33191_4981.N1	05-JUL-2008 19:49:01	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33191	No
245	GOM_NL__2PRFIN20080705_195049_000000372070_00071_33191_4982.N1	05-JUL-2008 19:50:49	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	33191	No
246	GOM_NL__2PRFIN20080705_195430_000000372070_00071_33191_4983.N1	05-JUL-2008 19:54:30	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	33191	No
247	GOM_NL__2PRFIN20080705_195648_000000382070_00071_33191_4984.N1	05-JUL-2008 19:56:48	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	33191	No
248	GOM_NL__2PRFIN20080705_195943_000000352070_00071_33191_4985.N1	05-JUL-2008 19:59:43	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	33191	No
249	GOM_NL__2PRFIN20080705_200222_000000342070_00071_33191_4986.N1	05-JUL-2008 20:02:22	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	33191	No
250	GOM_NL__2PRFIN20080705_200807_000000372070_00071_33191_4987.N1	05-JUL-2008 20:08:07	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	33191	No
251	GOM_NL__2PRFIN20080705_201044_000000362070_00071_33191_4988.N1	05-JUL-2008 20:10:44	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33191	No
252	GOM_NL__2PRFIN20080705_201449_000000382070_00071_33191_4989.N1	05-JUL-2008 20:14:49	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	33191	No
253	GOM_NL__2PRFIN20080705_201852_000000372070_00071_33191_4990.N1	05-JUL-2008 20:18:52	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33191	No
254	GOM_NL__2PRFIN20080705_203311_000000332070_00071_33191_4991.N1	05-JUL-2008 20:33:11	Bright	33.000	149	45Eps Per	2.8880	30000.	66	33191	No
255	GOM_NL__2PRFIN20080705_204830_000000372070_00071_33191_4992.N1	05-JUL-2008 20:48:30	Dark	37.000	165	34Gam Eri	2.9500	3200.0	74	33191	No
256	GOM_NL__2PRFIN20080705_205706_000000402070_00071_33191_4993.N1	05-JUL-2008 20:57:06	Dark	39.500	157	The1Eri	2.9060	9300.0	79	33191	No
257	GOM_NL__2PRFIN20080705_210317_000000502070_00072_33192_4989.N1	05-JUL-2008 21:03:17	Dark	50.000	9	Alp Eri	0.45300	24000.	100	33192	No
258	GOM_NL__2PRFIN20080705_210736_000000372070_00072_33192_4990.N1	05-JUL-2008 21:07:36	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33192	No
259	GOM_NL__2PRFIN20080705_211503_000000392070_00072_33192_4991.N1	05-JUL-2008 21:15:03	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	33192	No
260	GOM_NL__2PRFIN20080705_211829_000000442070_00072_33192_4992.N1	05-JUL-2008 21:18:29	Straylight	44.000	141	Bet Ara	2.8400	4600.0	88	33192	No
261	GOM_NL__2PRFIN20080705_211959_000000372070_00072_33192_4993.N1	05-JUL-2008 21:19:59	Twilight	37.000	147	Alp Ara	2.8770	26000.	74	33192	No
262	GOM_NL__2PRFIN20080705_212148_000000402070_00072_33192_4994.N1	05-JUL-2008 21:21:48	Twilight	40.000	40	The Sco	1.8590	7100.0	80	33192	No
263	GOM_NL__2PRFIN20080705_212328_000000412070_00072_33192_4995.N1	05-JUL-2008 21:23:28	Twilight	40.500	25	35Lam Sco	1.6200	28000.	81	33192	No
264	GOM_NL__2PRFIN20080705_212455_000000412070_00072_33192_4996.N1	05-JUL-2008 21:24:55	Bright	41.000	116	19Del Sgr	2.7000	4100.0	82	33192	No
265	GOM_NL__2PRFIN20080705_212630_000000352070_00072_33192_4997.N1	05-JUL-2008 21:26:30	Bright	35.000	136	23Tau Sco	2.8220	30000.	70	33192	No
266	GOM_NL__2PRFIN20080705_212937_000000362070_00072_33192_4998.N1	05-JUL-2008 21:29:37	Bright	35.500	86	35Eta Oph	2.4300	10200.	71	33192	No
267	GOM_NL__2PRFIN20080705_213125_000000362070_00072_33192_4999.N1	05-JUL-2008 21:31:25	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	33192	No
268	GOM_NL__2PRFIN20080705_213505_000000372070_00072_33192_5000.N1	05-JUL-2008 21:35:05	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	33192	No
269	GOM_NL__2PRFIN20080705_213723_000000372070_00072_33192_5001.N1	05-JUL-2008 21:37:23	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	33192	No
270	GOM_NL__2PRFIN20080705_214019_000000372070_00072_33192_5002.N1	05-JUL-2008 21:40:19	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	33192	No
271	GOM_NL__2PRFIN20080705_214258_000000362070_00072_33192_5003.N1	05-JUL-2008 21:42:58	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	33192	No
272	GOM_NL__2PRFIN20080705_214842_000000372070_00072_33192_5004.N1	05-JUL-2008 21:48:42	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	33192	No
273	GOM_NL__2PRFIN20080705_215120_000000332070_00072_33192_5005.N1	05-JUL-2008 21:51:20	Bright	32.500	119	14Eta Dra	2.7270	4700.0	65	33192	No
274	GOM_NL__2PRFIN20080705_215525_000000392070_00072_33192_5006.N1	05-JUL-2008 21:55:25	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	33192	No
275	GOM_NL__2PRFIN20080705_215927_000000362070_00072_33192_5007.N1	05-JUL-2008 21:59:27	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33192	No
276	GOM_NL__2PRFIN20080705_221347_000000262070_00072_33192_5008.N1	05-JUL-2008 22:13:47	Twilight	26.000	149	45Eps Per	2.8880	30000.	52	33192	No
277	GOM_NL__2PRFIN20080705_222907_000000432070_00072_33192_5009.N1	05-JUL-2008 22:29:07	Dark	43.000	165	34Gam Eri	2.9500	3200.0	86	33192	No
278	GOM_NL__2PRFIN20080705_223743_000000412070_00072_33192_5010.N1	05-JUL-2008 22:37:43	Dark	40.500	157	The1Eri	2.9060	9300.0	81	33192	No

279	GOM_NL__2PRFIN20080705_224353_000000512070_00073_33193_5000.N1	05-JUL-2008 22:43:53	Dark	50.500	9	Alp Eri	0.45300	24000.	101	33193	No
280	GOM_NL__2PRFIN20080705_224812_000000372070_00073_33193_5001.N1	05-JUL-2008 22:48:12	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33193	No
281	GOM_NL__2PRFIN20080705_225539_000000412070_00073_33193_5002.N1	05-JUL-2008 22:55:39	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	33193	No
282	GOM_NL__2PRFIN20080705_225905_000000392070_00073_33193_5003.N1	05-JUL-2008 22:59:05	Straylight	38.500	141	Bet Ara	2.8400	4600.0	77	33193	No
283	GOM_NL__2PRFIN20080705_230035_000000382070_00073_33193_5004.N1	05-JUL-2008 23:00:35	Tw_i_and_stray	38.000	147	Alp Ara	2.8770	26000.	76	33193	No
284	GOM_NL__2PRFIN20080705_230224_000000412070_00073_33193_5005.N1	05-JUL-2008 23:02:24	Tw_i_and_stray	41.000	40	The Sco	1.8590	7100.0	82	33193	No
285	GOM_NL__2PRFIN20080705_230404_000000412070_00073_33193_5006.N1	05-JUL-2008 23:04:04	Tw_i_and_stray	40.500	25	35Lam Sco	1.6200	28000.	81	33193	No
286	GOM_NL__2PRFIN20080705_230531_000000492070_00073_33193_5007.N1	05-JUL-2008 23:05:31	Bright	49.000	116	19Del Sgr	2.7000	4100.0	98	33193	No
287	GOM_NL__2PRFIN20080705_230706_000000372070_00073_33193_5008.N1	05-JUL-2008 23:07:06	Bright	36.500	136	23Tau Sco	2.8220	30000.	73	33193	No
288	GOM_NL__2PRFIN20080705_231013_000000362070_00073_33193_5009.N1	05-JUL-2008 23:10:13	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33193	No
289	GOM_NL__2PRFIN20080705_231201_000000372070_00073_33193_5010.N1	05-JUL-2008 23:12:01	Bright	37.000	98	13Zet Oph	2.5710	30000.	74	33193	No
290	GOM_NL__2PRFIN20080705_231541_000000372070_00073_33193_5011.N1	05-JUL-2008 23:15:41	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	33193	No
291	GOM_NL__2PRFIN20080705_231759_000000372070_00073_33193_5012.N1	05-JUL-2008 23:17:59	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	33193	No
292	GOM_NL__2PRFIN20080705_232055_000000372070_00073_33193_5013.N1	05-JUL-2008 23:20:55	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	33193	No
293	GOM_NL__2PRFIN20080705_232334_000000352070_00073_33193_5014.N1	05-JUL-2008 23:23:34	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	33193	No
294	GOM_NL__2PRFIN20080705_232918_000000342070_00073_33193_5015.N1	05-JUL-2008 23:29:18	Bright	34.000	130	23Bet Dra	2.7990	5800.0	68	33193	No
295	GOM_NL__2PRFIN20080705_233156_000000382070_00073_33193_5016.N1	05-JUL-2008 23:31:56	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	33193	No
296	GOM_NL__2PRFIN20080705_233602_000000372070_00073_33193_5017.N1	05-JUL-2008 23:36:02	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	33193	No
297	GOM_NL__2PRFIN20080705_234003_000000352070_00073_33193_5018.N1	05-JUL-2008 23:40:03	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	33193	No
298	GOM_NL__2PRFIN20080705_235423_000000262070_00073_33193_5019.N1	05-JUL-2008 23:54:23	Tw_i_and_stray	26.000	149	45Eps Per	2.8880	30000.	52	33193	No

3. Quality information per product

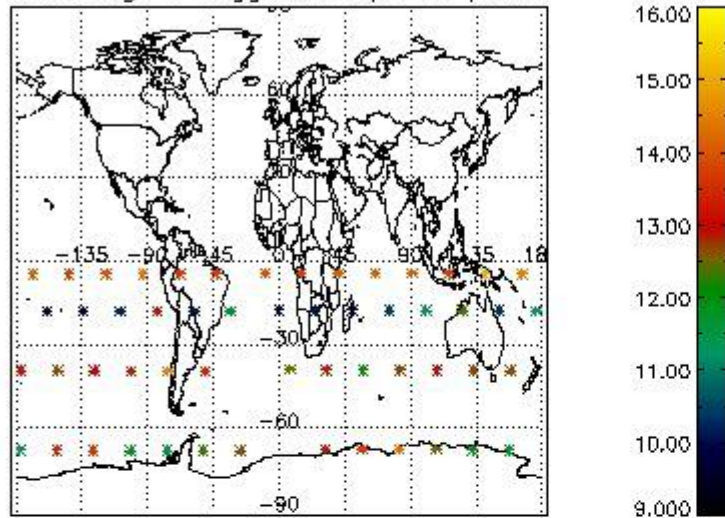
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

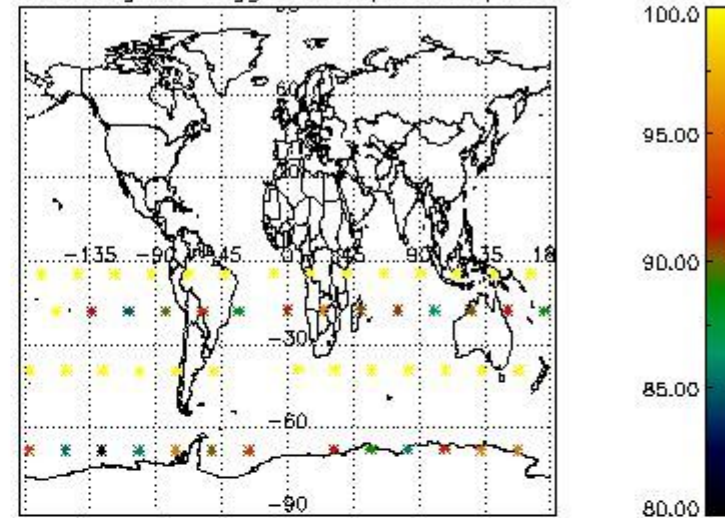


3.2 Plot quality information per product (world map)

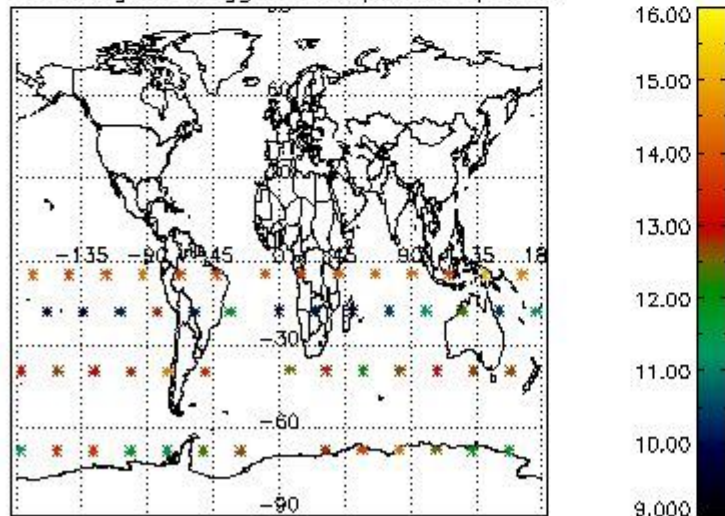
Percentage of flagged data per O3 profile



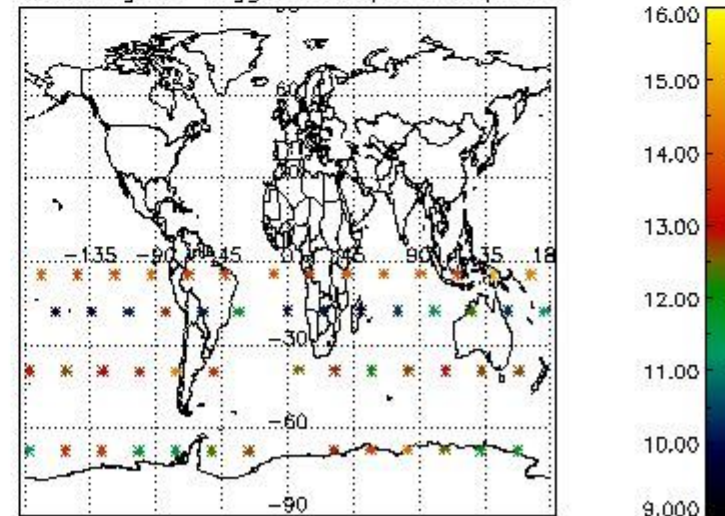
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

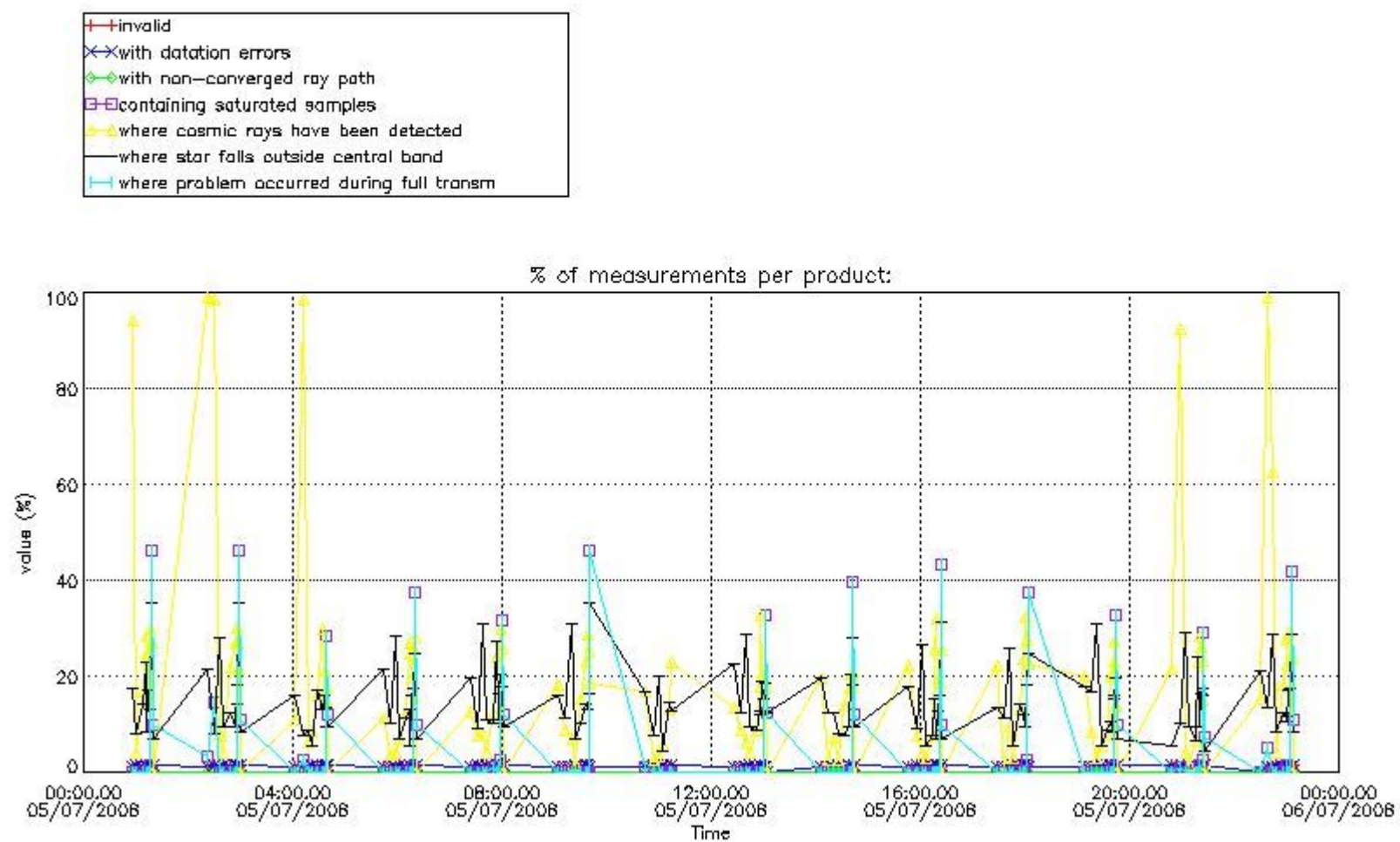


4. Level 1 quality information per product

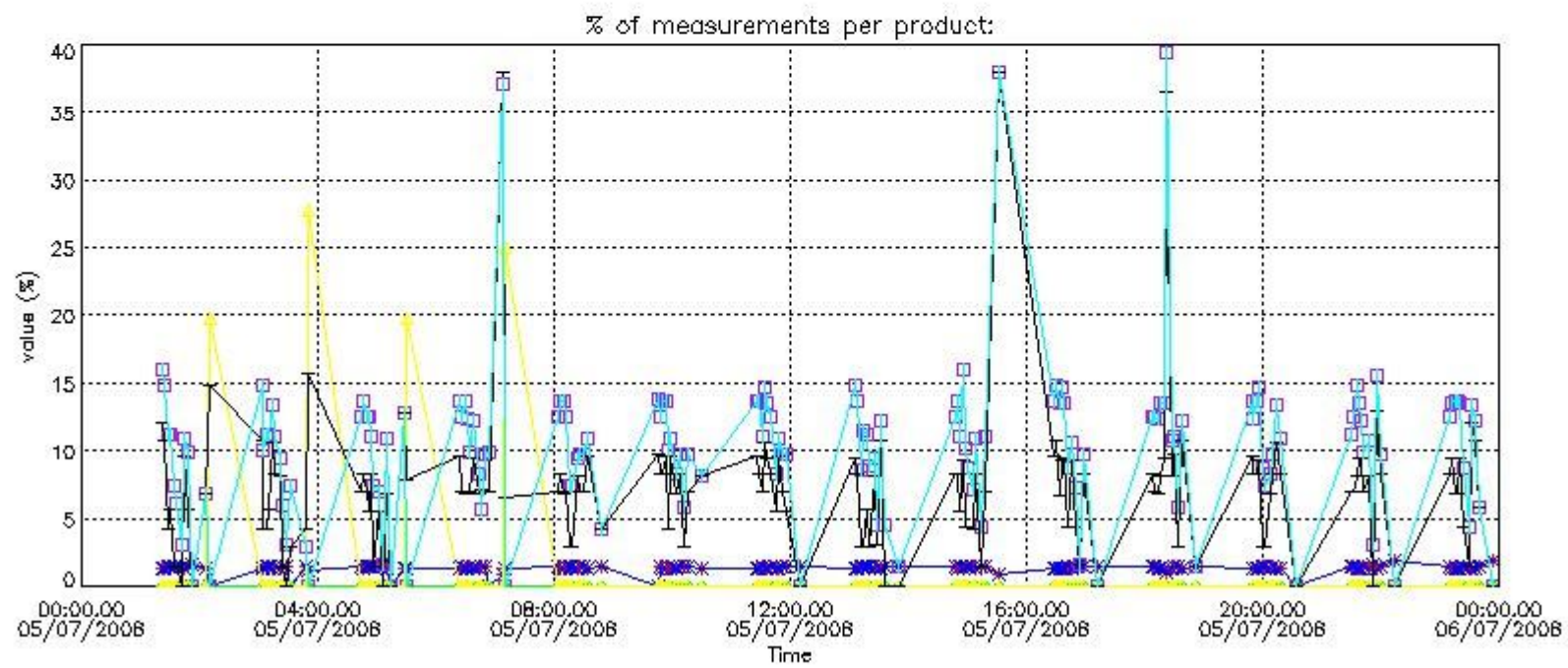
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

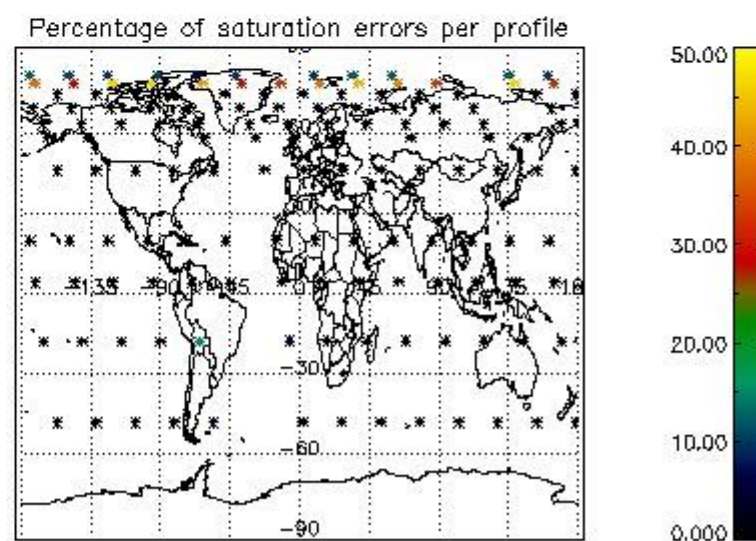
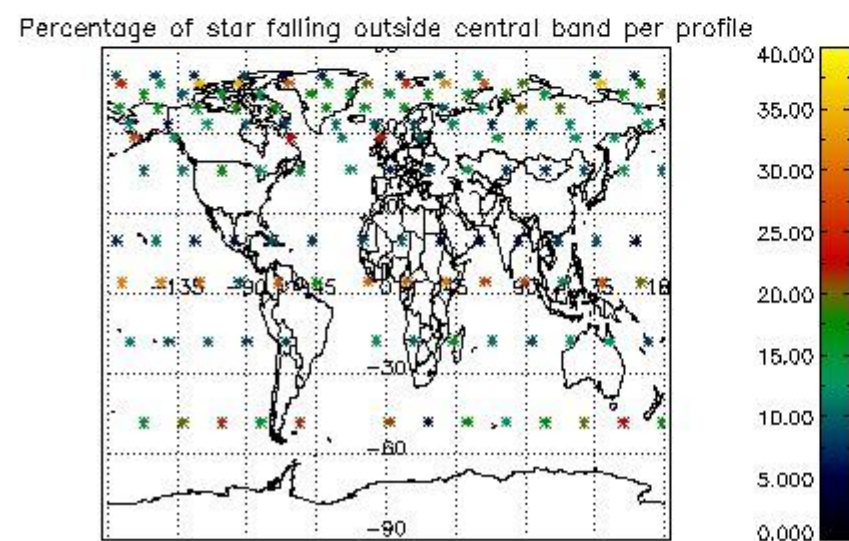
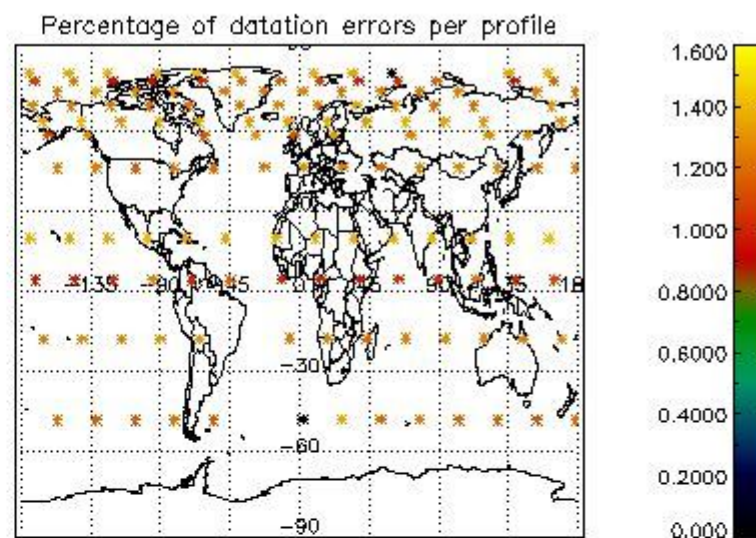
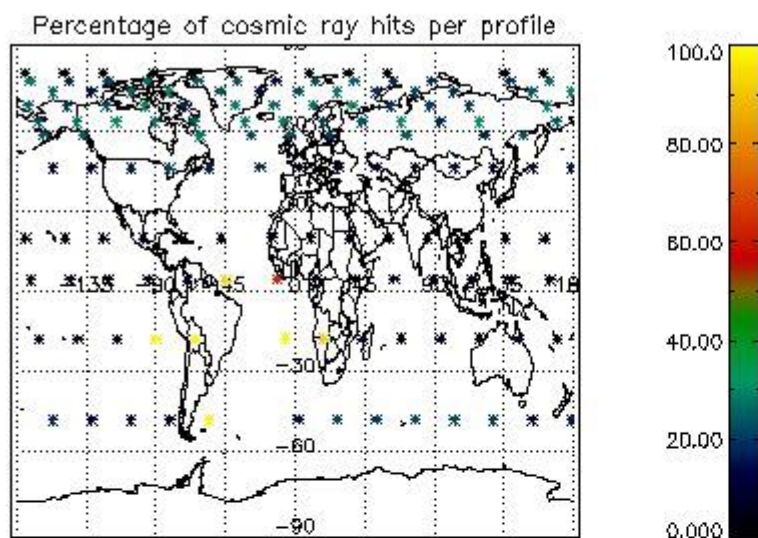


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

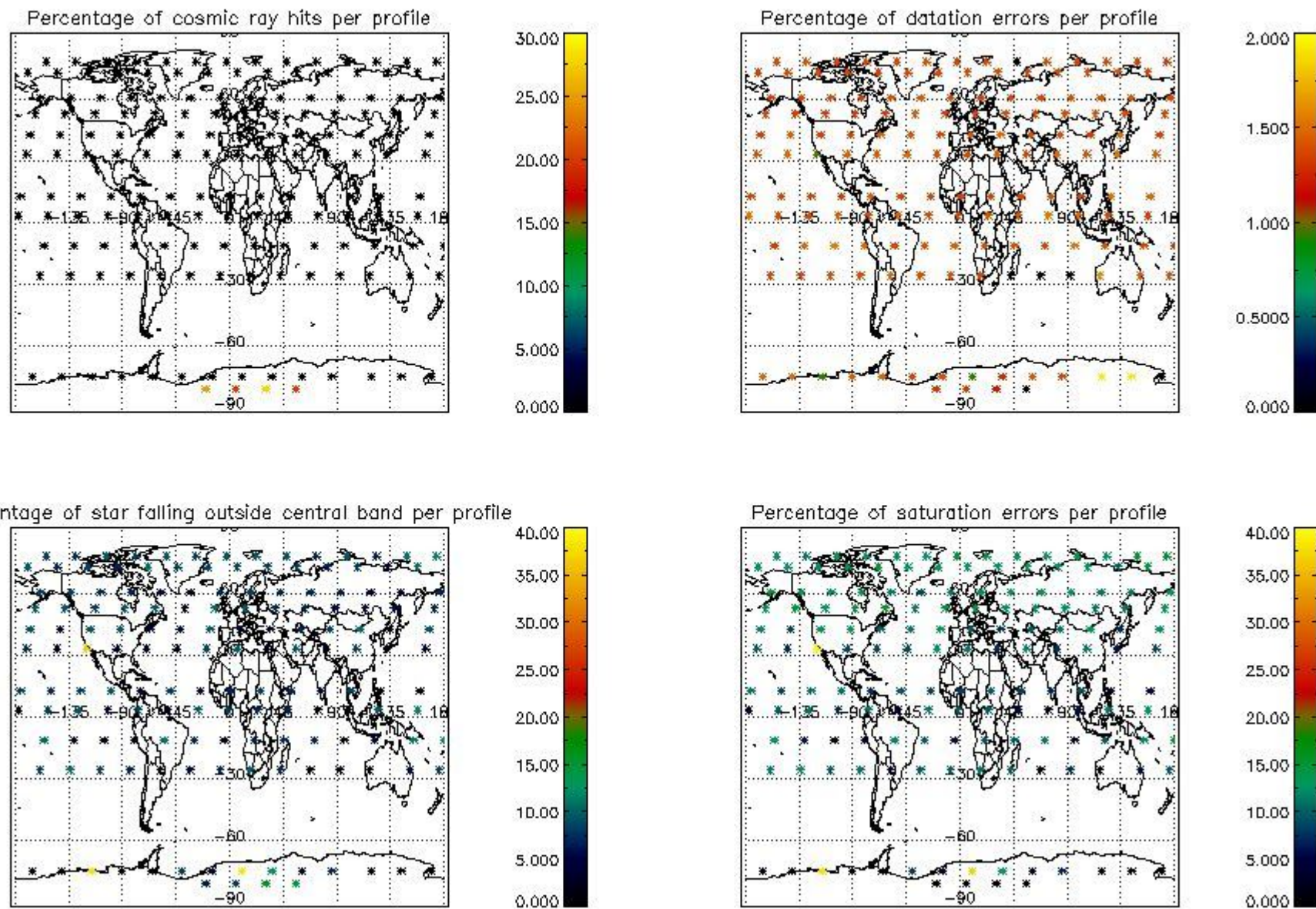


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/o3_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM_NL__2P/NL_SUMMARY_QUALITY/obs_ill_cond=0
- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

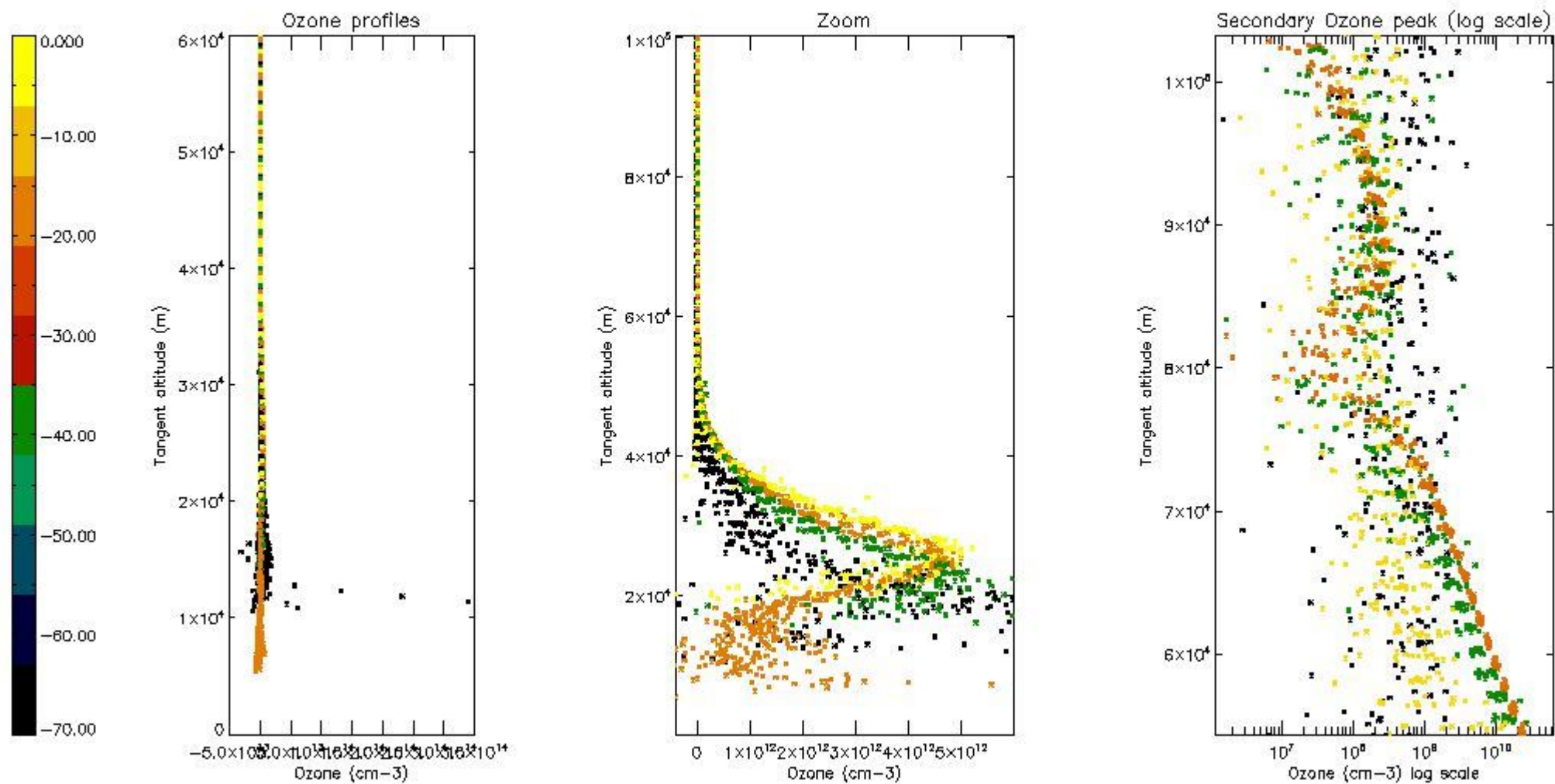
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	21
STD < 20	8

STD < 10	5
STD < 5	3

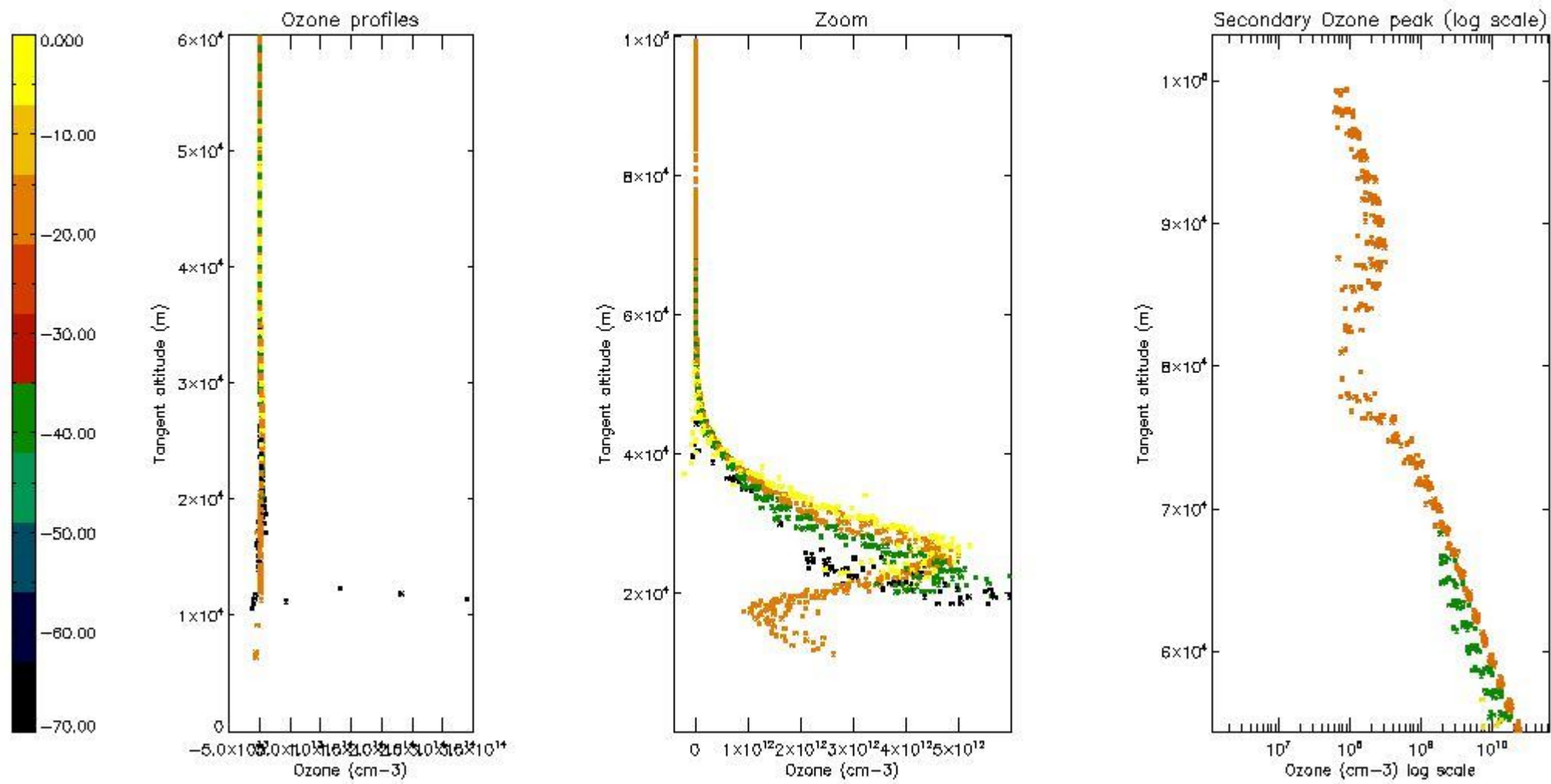
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



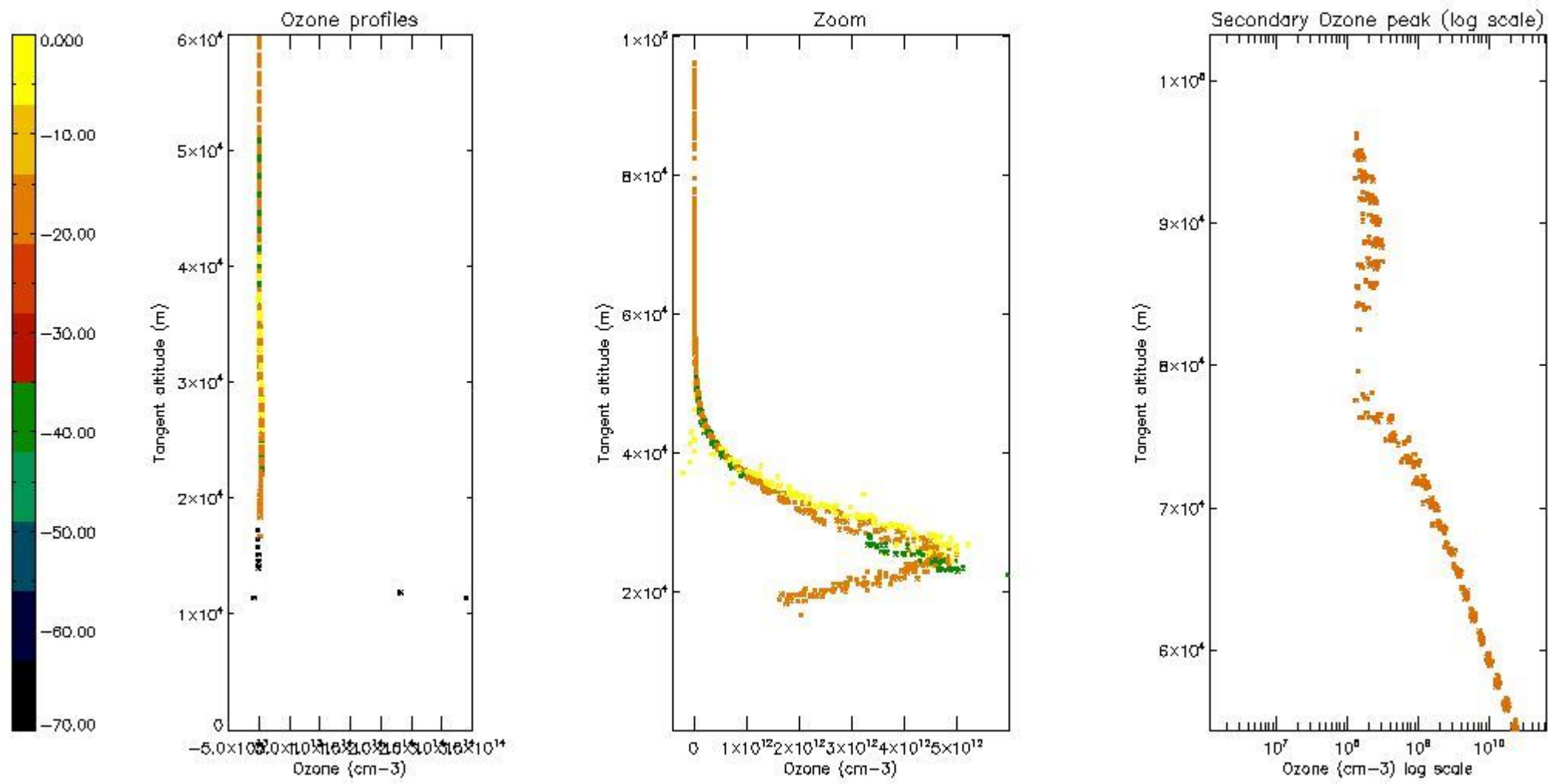
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



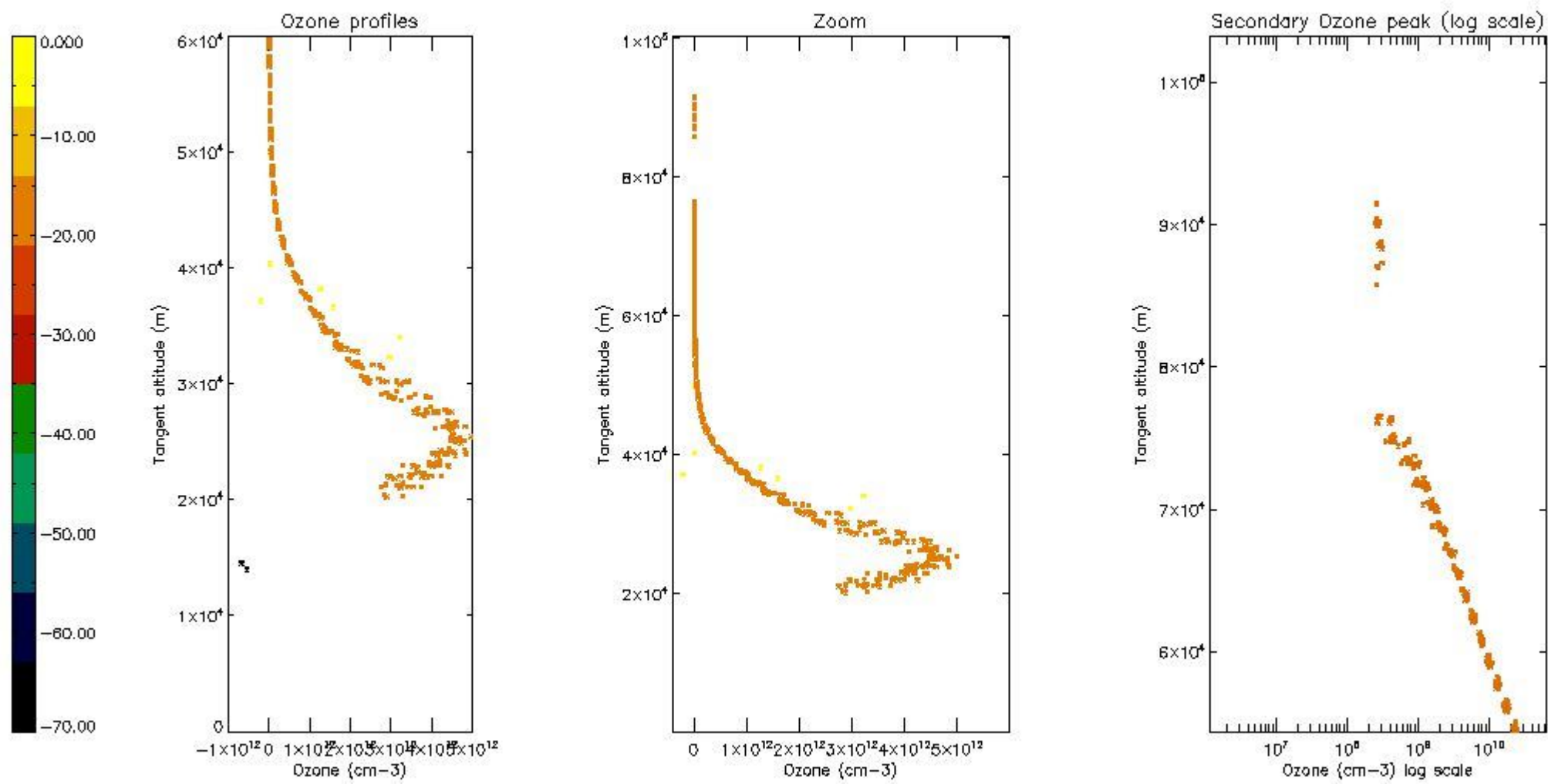
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



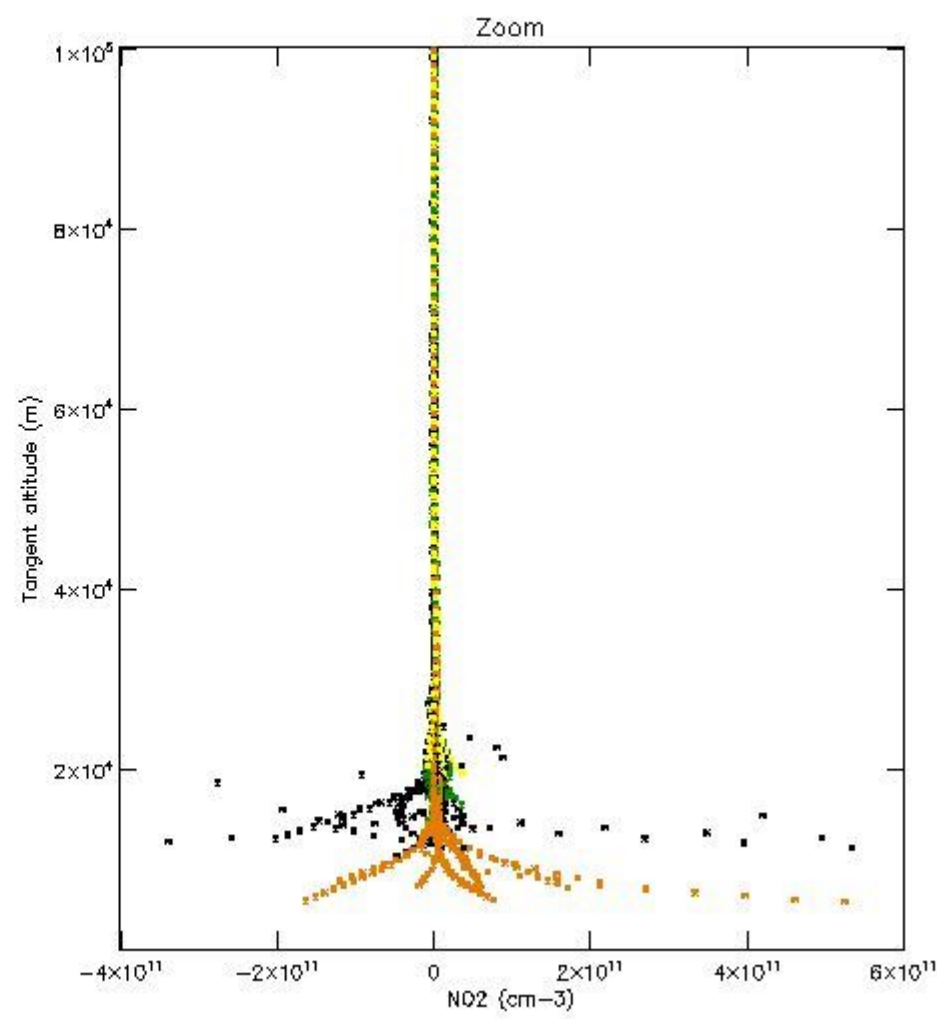
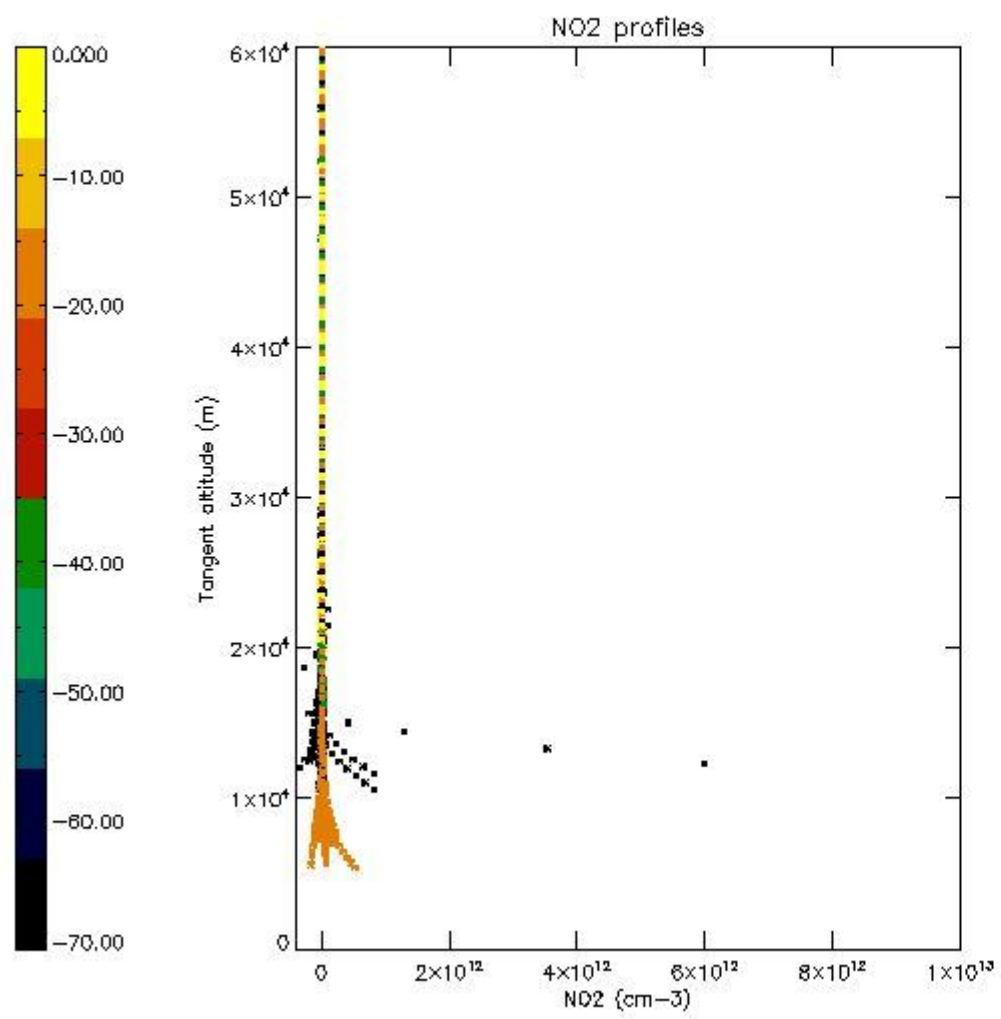
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



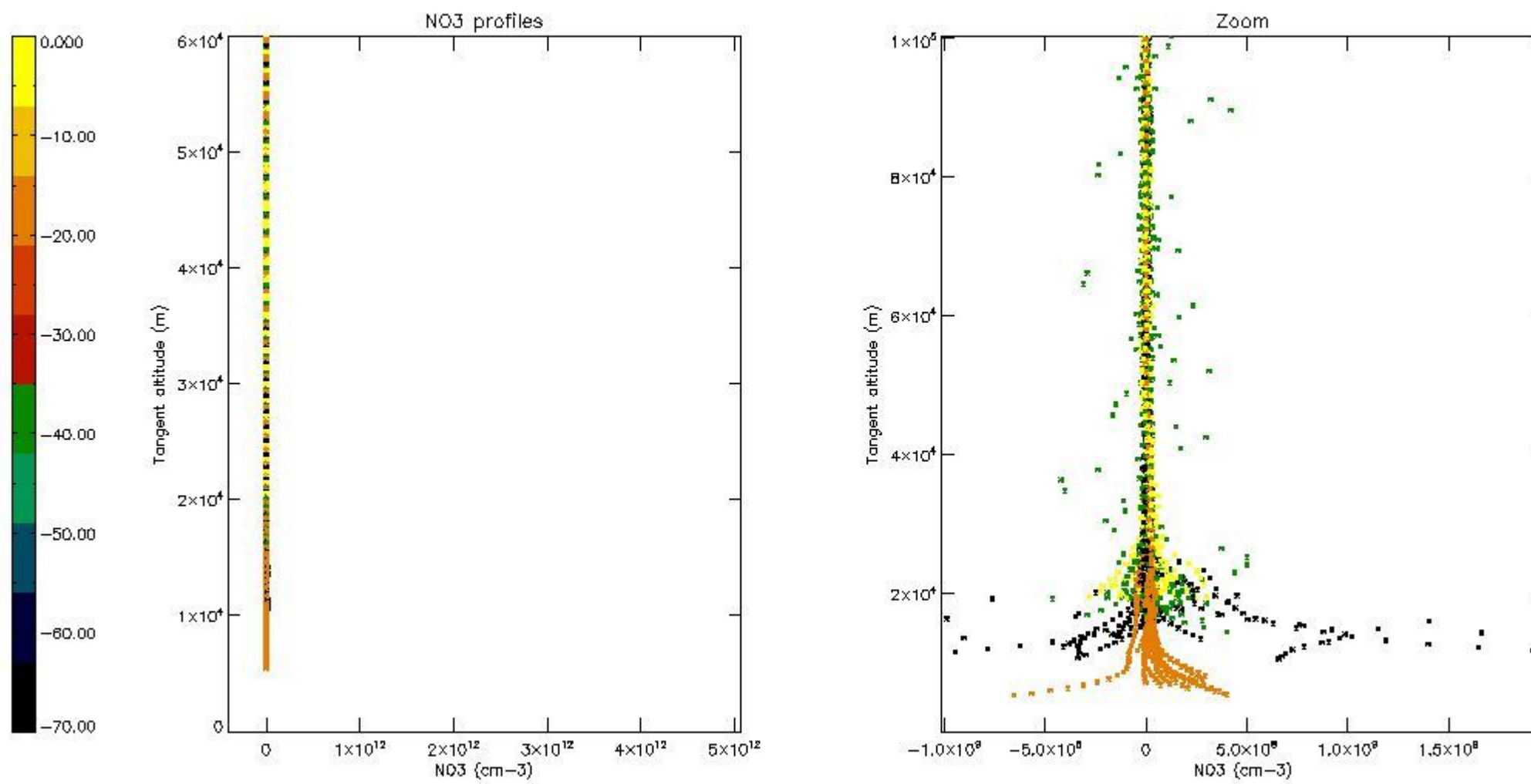
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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	05-JUL-2008 00:55:59
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	05-JUL-2008 00:55:59
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	05-JUL-2008 00:55:59

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 17:02:04
Data source version	GOMOS/6.01
Start time of products	05-07-2008 (05JUL2008 00:00:00)
Stop time of products	06-07-2008 (06JUL2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	298
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__2PRFIN20080705_005559_000000432070_00060_33180_4807.N1	05-JUL-2008 00:55:59	Dark	43.000	9	Alp Eri	0.45300	24000.	86	33180	No
2	GOM_NL__2PRFIN20080705_010022_000000372070_00060_33180_4808.N1	05-JUL-2008 01:00:22	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33180	No
3	GOM_NL__2PRFIN20080705_010746_000000422070_00060_33180_4809.N1	05-JUL-2008 01:07:46	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	33180	No
4	GOM_NL__2PRFIN20080705_011116_000000442070_00060_33180_4810.N1	05-JUL-2008 01:11:16	Straylight	44.000	141	Bet Ara	2.8400	4600.0	88	33180	No
5	GOM_NL__2PRFIN20080705_011246_000000372070_00060_33180_4811.N1	05-JUL-2008 01:12:46	Twilight	36.500	147	Alp Ara	2.8770	26000.	73	33180	No
6	GOM_NL__2PRFIN20080705_011435_000000412070_00060_33180_4812.N1	05-JUL-2008 01:14:35	Twilight	41.000	40	The Sco	1.8590	7100.0	82	33180	No
7	GOM_NL__2PRFIN20080705_011614_000000392070_00060_33180_4813.N1	05-JUL-2008 01:16:14	Twilight	38.500	25	35Lam Sco	1.6200	28000.	77	33180	No
8	GOM_NL__2PRFIN20080705_011741_000000542070_00060_33180_4814.N1	05-JUL-2008 01:17:41	Bright	54.000	116	19Del Sgr	2.7000	4100.0	108	33180	No
9	GOM_NL__2PRFIN20080705_011917_000000362070_00060_33180_4815.N1	05-JUL-2008 01:19:17	Bright	36.000	136	23Tau Sco	2.8220	30000.	72	33180	No
10	GOM_NL__2PRFIN20080705_012224_000000382070_00060_33180_4816.N1	05-JUL-2008 01:22:24	Bright	37.500	86	35Eta Oph	2.4300	10200.	75	33180	No
11	GOM_NL__2PRFIN20080705_012411_000000372070_00060_33180_4817.N1	05-JUL-2008 01:24:11	Bright	37.000	98	13Zet Oph	2.5710	30000.	74	33180	No
12	GOM_NL__2PRFIN20080705_012754_000000362070_00060_33180_4818.N1	05-JUL-2008 01:27:54	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	33180	No
13	GOM_NL__2PRFIN20080705_013012_000000362070_00060_33180_4819.N1	05-JUL-2008 01:30:12	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	33180	No
14	GOM_NL__2PRFIN20080705_013306_000000342070_00060_33180_4820.N1	05-JUL-2008 01:33:06	Bright	33.500	127	27Bet Her	2.7810	4700.0	67	33180	No
15	GOM_NL__2PRFIN20080705_013546_000000332070_00060_33180_4821.N1	05-JUL-2008 01:35:46	Bright	33.000	133	40Zet Her	2.8070	6000.0	66	33180	No
16	GOM_NL__2PRFIN20080705_014132_000000332070_00060_33180_4822.N1	05-JUL-2008 01:41:32	Bright	33.000	130	23Bet Dra	2.7990	5800.0	66	33180	No
17	GOM_NL__2PRFIN20080705_014407_000000372070_00060_33180_4823.N1	05-JUL-2008 01:44:07	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	33180	No
18	GOM_NL__2PRFIN20080705_014812_000000362070_00060_33180_4824.N1	05-JUL-2008 01:48:12	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	33180	No
19	GOM_NL__2PRFIN20080705_015216_000000322070_00060_33180_4825.N1	05-JUL-2008 01:52:16	Bright	31.500	49	1Alp UMi	1.9900	6300.0	63	33180	No
20	GOM_NL__2PRFIN20080705_020635_000000372070_00060_33180_4826.N1	05-JUL-2008 02:06:35	Bright	36.500	149	45Eps Per	2.8880	30000.	73	33180	No
21	GOM_NL__2PRFIN20080705_020900_000000412070_00060_33180_4827.N1	05-JUL-2008 02:09:00	Bright	40.500	150	44Zet Per	2.8900	28000.	81	33180	No
22	GOM_NL__2PRFIN20080705_022151_000000442070_00060_33180_4828.N1	05-JUL-2008 02:21:51	Dark	44.000	165	34Gam Eri	2.9500	3200.0	88	33180	No
23	GOM_NL__2PRFIN20080705_023026_000000382070_00060_33180_4829.N1	05-JUL-2008 02:30:26	Dark	38.000	157	The1Eri	2.9060	9300.0	76	33180	No
24	GOM_NL__2PRFIN20080705_023636_000000502070_00061_33181_4822.N1	05-JUL-2008 02:36:36	Dark	50.000	9	Alp Eri	0.45300	24000.	100	33181	No
25	GOM_NL__2PRFIN20080705_024058_000000372070_00061_33181_4823.N1	05-JUL-2008 02:40:58	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33181	No
26	GOM_NL__2PRFIN20080705_024823_000000412070_00061_33181_4824.N1	05-JUL-2008 02:48:23	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	33181	No
27	GOM_NL__2PRFIN20080705_025322_000000372070_00061_33181_4825.N1	05-JUL-2008 02:53:22	Twilight	37.000	147	Alp Ara	2.8770	26000.	74	33181	No
28	GOM_NL__2PRFIN20080705_025511_000000422070_00061_33181_4826.N1	05-JUL-2008 02:55:11	Twilight	41.500	40	The Sco	1.8590	7100.0	83	33181	No
29	GOM_NL__2PRFIN20080705_025651_000000392070_00061_33181_4827.N1	05-JUL-2008 02:56:51	Twilight	39.000	25	35Lam Sco	1.6200	28000.	78	33181	No
30	GOM_NL__2PRFIN20080705_025817_000000542070_00061_33181_4828.N1	05-JUL-2008 02:58:17	Bright	54.000	116	19Del Sgr	2.7000	4100.0	108	33181	No
31	GOM_NL__2PRFIN20080705_025953_000000372070_00061_33181_4829.N1	05-JUL-2008 02:59:53	Bright	36.500	136	23Tau Sco	2.8220	30000.	73	33181	No
32	GOM_NL__2PRFIN20080705_030300_000000372070_00061_33181_4830.N1	05-JUL-2008 03:03:00	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	33181	No
33	GOM_NL__2PRFIN20080705_030447_000000352070_00061_33181_4831.N1	05-JUL-2008 03:04:47	Bright	35.000	98	13Zet Oph	2.5710	30000.	70	33181	No
34	GOM_NL__2PRFIN20080705_030830_000000362070_00061_33181_4832.N1	05-JUL-2008 03:08:30	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	33181	No
35	GOM_NL__2PRFIN20080705_031048_000000362070_00061_33181_4833.N1	05-JUL-2008 03:10:48	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	33181	No
36	GOM_NL__2PRFIN20080705_031342_000000382070_00061_33181_4834.N1	05-JUL-2008 03:13:42	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	33181	No
37	GOM_NL__2PRFIN20080705_031622_000000362070_00061_33181_4835.N1	05-JUL-2008 03:16:22	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	33181	No
38	GOM_NL__2PRFIN20080705_032208_000000372070_00061_33181_4836.N1	05-JUL-2008 03:22:08	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	33181	No
39	GOM_NL__2PRFIN20080705_032443_000000342070_00061_33181_4837.N1	05-JUL-2008 03:24:43	Bright	33.500	119	14Eta Dra	2.7270	4700.0	67	33181	No
40	GOM_NL__2PRFIN20080705_032848_000000332070_00061_33181_4838.N1	05-JUL-2008 03:28:48	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	33181	No
41	GOM_NL__2PRFIN20080705_033252_000000342070_00061_33181_4839.N1	05-JUL-2008 03:32:52	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	33181	No
42	GOM_NL__2PRFIN20080705_034711_000000352070_00061_33181_4840.N1	05-JUL-2008 03:47:11	Bright	35.000	149	45Eps Per	2.8880	30000.	70	33181	No

43	GOM_NL__2PRFIN20080705_034936_000000422070_00061_33181_4841.N1	05-JUL-2008 03:49:36	Bright	41.500	150	44Zet Per	2.8900	28000.	83	33181	No
44	GOM_NL__2PRFIN20080705_040227_000000412070_00061_33181_4842.N1	05-JUL-2008 04:02:27	Dark	41.000	165	34Gam Eri	2.9500	3200.0	82	33181	No
45	GOM_NL__2PRFIN20080705_041102_000000392070_00061_33181_4843.N1	05-JUL-2008 04:11:02	Dark	38.500	157	The1Eri	2.9060	9300.0	77	33181	No
46	GOM_NL__2PRFIN20080705_041712_000000402070_00062_33182_4834.N1	05-JUL-2008 04:17:12	Dark	39.500	9	Alp Eri	0.45300	24000.	79	33182	No
47	GOM_NL__2PRFIN20080705_042134_000000362070_00062_33182_4835.N1	05-JUL-2008 04:21:34	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	33182	No
48	GOM_NL__2PRFIN20080705_042859_000000442070_00062_33182_4836.N1	05-JUL-2008 04:28:59	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	33182	No
49	GOM_NL__2PRFIN20080705_043358_000000392070_00062_33182_4837.N1	05-JUL-2008 04:33:58	Twi_and_stray	38.500	147	Alp Ara	2.8770	26000.	77	33182	No
50	GOM_NL__2PRFIN20080705_043547_000000412070_00062_33182_4838.N1	05-JUL-2008 04:35:47	Twi_and_stray	40.500	40	The Sco	1.8590	7100.0	81	33182	No
51	GOM_NL__2PRFIN20080705_043727_000000372070_00062_33182_4839.N1	05-JUL-2008 04:37:27	Twi_and_stray	37.000	25	35Lam Sco	1.6200	28000.	74	33182	No
52	GOM_NL__2PRFIN20080705_043853_000000412070_00062_33182_4840.N1	05-JUL-2008 04:38:53	Bright	40.500	116	19Del Sgr	2.7000	4100.0	81	33182	No
53	GOM_NL__2PRFIN20080705_044029_000000372070_00062_33182_4841.N1	05-JUL-2008 04:40:29	Bright	37.000	136	23Tau Sco	2.8220	30000.	74	33182	No
54	GOM_NL__2PRFIN20080705_044336_000000362070_00062_33182_4842.N1	05-JUL-2008 04:43:36	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33182	No
55	GOM_NL__2PRFIN20080705_044523_000000372070_00062_33182_4843.N1	05-JUL-2008 04:45:23	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	33182	No
56	GOM_NL__2PRFIN20080705_044906_000000362070_00062_33182_4844.N1	05-JUL-2008 04:49:06	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	33182	No
57	GOM_NL__2PRFIN20080705_045124_000000362070_00062_33182_4845.N1	05-JUL-2008 04:51:24	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	33182	No
58	GOM_NL__2PRFIN20080705_045418_000000362070_00062_33182_4846.N1	05-JUL-2008 04:54:18	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	33182	No
59	GOM_NL__2PRFIN20080705_045658_000000342070_00062_33182_4847.N1	05-JUL-2008 04:56:58	Bright	33.500	133	40Zet Her	2.8070	6000.0	67	33182	No
60	GOM_NL__2PRFIN20080705_050244_000000362070_00062_33182_4848.N1	05-JUL-2008 05:02:44	Bright	36.000	130	23Bet Dra	2.7990	5800.0	72	33182	No
61	GOM_NL__2PRFIN20080705_050519_000000332070_00062_33182_4849.N1	05-JUL-2008 05:05:19	Bright	32.500	119	14Eta Dra	2.7270	4700.0	65	33182	No
62	GOM_NL__2PRFIN20080705_050924_000000372070_00062_33182_4850.N1	05-JUL-2008 05:09:24	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	33182	No
63	GOM_NL__2PRFIN20080705_051328_000000322070_00062_33182_4851.N1	05-JUL-2008 05:13:28	Bright	31.500	49	1Alp UMi	1.9900	6300.0	63	33182	No
64	GOM_NL__2PRFIN20080705_052747_000000392070_00062_33182_4852.N1	05-JUL-2008 05:27:47	Bright	39.000	149	45Eps Per	2.8880	30000.	78	33182	No
65	GOM_NL__2PRFIN20080705_053012_000000382070_00062_33182_4853.N1	05-JUL-2008 05:30:12	Bright	38.000	150	44Zet Per	2.8900	28000.	76	33182	No
66	GOM_NL__2PRFIN20080705_054304_000000442070_00062_33182_4854.N1	05-JUL-2008 05:43:04	Dark	44.000	165	34Gam Eri	2.9500	3200.0	88	33182	No
67	GOM_NL__2PRFIN20080705_055138_000000402070_00062_33182_4855.N1	05-JUL-2008 05:51:38	Dark	39.500	157	The1Eri	2.9060	9300.0	79	33182	No
68	GOM_NL__2PRFIN20080705_055749_000000502070_00063_33183_4847.N1	05-JUL-2008 05:57:49	Dark	49.500	9	Alp Eri	0.45300	24000.	99	33183	No
69	GOM_NL__2PRFIN20080705_060210_000000372070_00063_33183_4848.N1	05-JUL-2008 06:02:10	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33183	No
70	GOM_NL__2PRFIN20080705_060936_000000412070_00063_33183_4849.N1	05-JUL-2008 06:09:36	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	33183	No
71	GOM_NL__2PRFIN20080705_061305_000000392070_00063_33183_4850.N1	05-JUL-2008 06:13:05	Straylight	38.500	141	Bet Ara	2.8400	4600.0	77	33183	No
72	GOM_NL__2PRFIN20080705_061434_000000362070_00063_33183_4851.N1	05-JUL-2008 06:14:34	Twi_and_stray	35.500	147	Alp Ara	2.8770	26000.	71	33183	No
73	GOM_NL__2PRFIN20080705_061623_000000412070_00063_33183_4852.N1	05-JUL-2008 06:16:23	Twi_and_stray	40.500	40	The Sco	1.8590	7100.0	81	33183	No
74	GOM_NL__2PRFIN20080705_061803_000000412070_00063_33183_4853.N1	05-JUL-2008 06:18:03	Twi_and_stray	40.500	25	35Lam Sco	1.6200	28000.	81	33183	No
75	GOM_NL__2PRFIN20080705_061930_000000472070_00063_33183_4854.N1	05-JUL-2008 06:19:30	Bright	46.500	116	19Del Sgr	2.7000	4100.0	93	33183	No
76	GOM_NL__2PRFIN20080705_062105_000000362070_00063_33183_4855.N1	05-JUL-2008 06:21:05	Bright	36.000	136	23Tau Sco	2.8220	30000.	72	33183	No
77	GOM_NL__2PRFIN20080705_062412_000000372070_00063_33183_4856.N1	05-JUL-2008 06:24:12	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33183	No
78	GOM_NL__2PRFIN20080705_062600_000000362070_00063_33183_4857.N1	05-JUL-2008 06:26:00	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	33183	No
79	GOM_NL__2PRFIN20080705_062942_000000372070_00063_33183_4858.N1	05-JUL-2008 06:29:42	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	33183	No
80	GOM_NL__2PRFIN20080705_063200_000000372070_00063_33183_4859.N1	05-JUL-2008 06:32:00	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	33183	No
81	GOM_NL__2PRFIN20080705_063454_000000362070_00063_33183_4860.N1	05-JUL-2008 06:34:54	Bright	35.500	127	27Bet Her	2.7810	4700.0	71	33183	No
82	GOM_NL__2PRFIN20080705_063734_000000372070_00063_33183_4861.N1	05-JUL-2008 06:37:34	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	33183	No
83	GOM_NL__2PRFIN20080705_064320_000000372070_00063_33183_4862.N1	05-JUL-2008 06:43:20	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	33183	No
84	GOM_NL__2PRFIN20080705_064555_000000352070_00063_33183_4863.N1	05-JUL-2008 06:45:55	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	33183	No
85	GOM_NL__2PRFIN20080705_065001_000000362070_00063_33183_4864.N1	05-JUL-2008 06:50:01	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	33183	No
86	GOM_NL__2PRFIN20080705_065404_000000362070_00063_33183_4865.N1	05-JUL-2008 06:54:04	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33183	No
87	GOM_NL__2PRFIN20080705_070823_000000542070_00063_33183_4866.N1	05-JUL-2008 07:08:23	Bright	54.000	149	45Eps Per	2.8880	30000.	108	33183	No
88	GOM_NL__2PRFIN20080705_071048_000000382070_00063_33183_4867.N1	05-JUL-2008 07:10:48	Bright	38.000	150	44Zet Per	2.8900	28000.	76	33183	No
89	GOM_NL__2PRFIN20080705_072340_000000432070_00063_33183_4868.N1	05-JUL-2008 07:23:40	Dark	43.000	165	34Gam Eri	2.9500	3200.0	86	33183	No
90	GOM_NL__2PRFIN20080705_073215_000000392070_00063_33183_4869.N1	05-JUL-2008 07:32:15	Dark	39.000	157	The1Eri	2.9060	9300.0	78	33183	No
91	GOM_NL__2PRFIN20080705_073825_000000522070_00064_33184_4869.N1	05-JUL-2008 07:38:25	Dark	51.500	9	Alp Eri	0.45300	24000.	103	33184	No
92	GOM_NL__2PRFIN20080705_074246_000000372070_00064_33184_4870.N1	05-JUL-2008 07:42:46	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33184	No
93	GOM_NL__2PRFIN20080705_075012_000000402070_00064_33184_4871.N1	05-JUL-2008 07:50:12	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33184	No
94	GOM_NL__2PRFIN20080705_075341_000000462070_00064_33184_4872.N1	05-JUL-2008 07:53:41	Straylight	46.000	141	Bet Ara	2.8400	4600.0	92	33184	No
95	GOM_NL__2PRFIN20080705_075510_000000372070_00064_33184_4873.N1	05-JUL-2008 07:55:10	Twi_and_stray	37.000	147	Alp Ara	2.8770	26000.	74	33184	No
96	GOM_NL__2PRFIN20080705_075659_000000402070_00064_33184_4874.N1	05-JUL-2008 07:56:59	Twi_and_stray	40.000	40	The Sco	1.8590	7100.0	80	33184	No
97	GOM_NL__2PRFIN20080705_075839_000000422070_00064_33184_4875.N1	05-JUL-2008 07:58:39	Twi_and_stray	42.000	25	35Lam Sco	1.6200	28000.	84	33184	No
98	GOM_NL__2PRFIN20080705_080006_000000432070_00064_33184_4876.N1	05-JUL-2008 08:00:06	Bright	42.500	116	19Del Sgr	2.7000	4100.0	85	33184	No
99	GOM_NL__2PRFIN20080705_080142_000000372070_00064_33184_4877.N1	05-JUL-2008 08:01:42	Bright	37.000	136	23Tau Sco	2.8220	30000.	74	33184	No
100	GOM_NL__2PRFIN20080705_080449_000000362070_00064_33184_4878.N1	05-JUL-2008 08:04:49	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33184	No
101	GOM_NL__2PRFIN20080705_080636_000000372070_00064_33184_4879.N1	05-JUL-2008 08:06:36	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	33184	No

102	GOM_NL__2PRFIN20080705_081018_000000372070_00064_33184_4880.N1	05-JUL-2008 08:10:18	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	33184	No
103	GOM_NL__2PRFIN20080705_081236_000000362070_00064_33184_4881.N1	05-JUL-2008 08:12:36	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	33184	No
104	GOM_NL__2PRFIN20080705_081530_000000342070_00064_33184_4882.N1	05-JUL-2008 08:15:30	Bright	34.000	127	27Bet Her	2.7810	4700.0	68	33184	No
105	GOM_NL__2PRFIN20080705_081810_000000342070_00064_33184_4883.N1	05-JUL-2008 08:18:10	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	33184	No
106	GOM_NL__2PRFIN20080705_082356_000000372070_00064_33184_4884.N1	05-JUL-2008 08:23:56	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	33184	No
107	GOM_NL__2PRFIN20080705_082632_000000362070_00064_33184_4885.N1	05-JUL-2008 08:26:32	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33184	No
108	GOM_NL__2PRFIN20080705_083037_000000362070_00064_33184_4886.N1	05-JUL-2008 08:30:37	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	33184	No
109	GOM_NL__2PRFIN20080705_083440_000000372070_00064_33184_4887.N1	05-JUL-2008 08:34:40	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33184	No
110	GOM_NL__2PRFIN20080705_084859_000000362070_00064_33184_4888.N1	05-JUL-2008 08:48:59	Bright	35.500	149	45Eps Per	2.8880	30000.	71	33184	No
111	GOM_NL__2PRFIN20080705_090416_000000412070_00064_33184_4889.N1	05-JUL-2008 09:04:16	Dark	41.000	165	34Gam Eri	2.9500	3200.0	82	33184	No
112	GOM_NL__2PRFIN20080705_091251_000000402070_00064_33184_4890.N1	05-JUL-2008 09:12:51	Dark	40.000	157	The1Eri	2.9060	9300.0	80	33184	No
113	GOM_NL__2PRFIN20080705_091902_000000522070_00065_33185_4883.N1	05-JUL-2008 09:19:02	Dark	51.500	9	Alp Eri	0.45300	24000.	103	33185	No
114	GOM_NL__2PRFIN20080705_092322_000000362070_00065_33185_4884.N1	05-JUL-2008 09:23:22	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	33185	No
115	GOM_NL__2PRFIN20080705_093048_000000402070_00065_33185_4885.N1	05-JUL-2008 09:30:48	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	33185	No
116	GOM_NL__2PRFIN20080705_093546_000000392070_00065_33185_4886.N1	05-JUL-2008 09:35:46	Tw_i_and_stray	39.000	147	Alp Ara	2.8770	26000.	78	33185	No
117	GOM_NL__2PRFIN20080705_093735_000000392070_00065_33185_4887.N1	05-JUL-2008 09:37:35	Tw_i_and_stray	38.500	40	The Sco	1.8590	7100.0	77	33185	No
118	GOM_NL__2PRFIN20080705_093915_000000402070_00065_33185_4888.N1	05-JUL-2008 09:39:15	Tw_i_and_stray	40.000	25	35Lam Sco	1.6200	28000.	80	33185	No
119	GOM_NL__2PRFIN20080705_094042_000000542070_00065_33185_4889.N1	05-JUL-2008 09:40:42	Bright	54.000	116	19Del Sgr	2.7000	4100.0	108	33185	No
120	GOM_NL__2PRFIN20080705_094524_000000362070_00065_33185_4890.N1	05-JUL-2008 09:45:24	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33185	No
121	GOM_NL__2PRFIN20080705_094712_000000362070_00065_33185_4891.N1	05-JUL-2008 09:47:12	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	33185	No
122	GOM_NL__2PRFIN20080705_095054_000000372070_00065_33185_4892.N1	05-JUL-2008 09:50:54	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	33185	No
123	GOM_NL__2PRFIN20080705_095312_000000372070_00065_33185_4893.N1	05-JUL-2008 09:53:12	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	33185	No
124	GOM_NL__2PRFIN20080705_095606_000000352070_00065_33185_4894.N1	05-JUL-2008 09:56:06	Bright	35.000	127	27Bet Her	2.7810	4700.0	70	33185	No
125	GOM_NL__2PRFIN20080705_095846_000000372070_00065_33185_4895.N1	05-JUL-2008 09:58:46	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	33185	No
126	GOM_NL__2PRFIN20080705_100432_000000372070_00065_33185_4896.N1	05-JUL-2008 10:04:32	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	33185	No
127	GOM_NL__2PRFIN20080705_100707_000000362070_00065_33185_4897.N1	05-JUL-2008 10:07:07	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33185	No
128	GOM_NL__2PRFIN20080705_101113_000000352070_00065_33185_4898.N1	05-JUL-2008 10:11:13	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	33185	No
129	GOM_NL__2PRFIN20080705_101516_000000362070_00065_33185_4899.N1	05-JUL-2008 10:15:16	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33185	No
130	GOM_NL__2PRFIN20080705_102935_000000372070_00065_33185_4900.N1	05-JUL-2008 10:29:35	Bright	37.000	149	45Eps Per	2.8880	30000.	74	33185	No
131	GOM_NL__2PRFIN20080705_104453_000000422070_00065_33185_4901.N1	05-JUL-2008 10:44:53	Dark	41.500	165	34Gam Eri	2.9500	3200.0	83	33185	No
132	GOM_NL__2PRFIN20080705_105327_000000392070_00065_33185_4902.N1	05-JUL-2008 10:53:27	Dark	38.500	157	The1Eri	2.9060	9300.0	77	33185	No
133	GOM_NL__2PRFIN20080705_105938_000000452070_00066_33186_4897.N1	05-JUL-2008 10:59:38	Dark	45.000	9	Alp Eri	0.45300	24000.	90	33186	No
134	GOM_NL__2PRFIN20080705_110359_000000352070_00066_33186_4898.N1	05-JUL-2008 11:03:59	Dark	35.000	135	Bet Hyi	2.8200	5800.0	70	33186	No
135	GOM_NL__2PRFIN20080705_111125_000000422070_00066_33186_4899.N1	05-JUL-2008 11:11:25	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	33186	No
136	GOM_NL__2PRFIN20080705_111453_000000392070_00066_33186_4900.N1	05-JUL-2008 11:14:53	Straylight	39.000	141	Bet Ara	2.8400	4600.0	78	33186	No
137	GOM_NL__2PRFIN20080705_112600_000000372070_00066_33186_4901.N1	05-JUL-2008 11:26:00	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33186	No
138	GOM_NL__2PRFIN20080705_112748_000000372070_00066_33186_4902.N1	05-JUL-2008 11:27:48	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	33186	No
139	GOM_NL__2PRFIN20080705_113129_000000362070_00066_33186_4903.N1	05-JUL-2008 11:31:29	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	33186	No
140	GOM_NL__2PRFIN20080705_113348_000000382070_00066_33186_4904.N1	05-JUL-2008 11:33:48	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	33186	No
141	GOM_NL__2PRFIN20080705_113642_000000372070_00066_33186_4905.N1	05-JUL-2008 11:36:42	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	33186	No
142	GOM_NL__2PRFIN20080705_113922_000000362070_00066_33186_4906.N1	05-JUL-2008 11:39:22	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	33186	No
143	GOM_NL__2PRFIN20080705_114507_000000372070_00066_33186_4907.N1	05-JUL-2008 11:45:07	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	33186	No
144	GOM_NL__2PRFIN20080705_114743_000000372070_00066_33186_4908.N1	05-JUL-2008 11:47:43	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	33186	No
145	GOM_NL__2PRFIN20080705_115149_000000362070_00066_33186_4909.N1	05-JUL-2008 11:51:49	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	33186	No
146	GOM_NL__2PRFIN20080705_115552_000000362070_00066_33186_4910.N1	05-JUL-2008 11:55:52	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33186	No
147	GOM_NL__2PRFIN20080705_121011_000000342070_00066_33186_4911.N1	05-JUL-2008 12:10:11	Bright	34.000	149	45Eps Per	2.8880	30000.	68	33186	No
148	GOM_NL__2PRFIN20080705_122529_000000452070_00066_33186_4912.N1	05-JUL-2008 12:25:29	Dark	44.500	165	34Gam Eri	2.9500	3200.0	89	33186	No
149	GOM_NL__2PRFIN20080705_123404_000000402070_00066_33186_4913.N1	05-JUL-2008 12:34:04	Dark	40.000	157	The1Eri	2.9060	9300.0	80	33186	No
150	GOM_NL__2PRFIN20080705_124015_000000492070_00067_33187_4910.N1	05-JUL-2008 12:40:15	Dark	49.000	9	Alp Eri	0.45300	24000.	98	33187	No
151	GOM_NL__2PRFIN20080705_124435_000000372070_00067_33187_4911.N1	05-JUL-2008 12:44:35	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33187	No
152	GOM_NL__2PRFIN20080705_125201_000000402070_00067_33187_4912.N1	05-JUL-2008 12:52:01	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	33187	No
153	GOM_NL__2PRFIN20080705_125529_000000392070_00067_33187_4913.N1	05-JUL-2008 12:55:29	Straylight	39.000	141	Bet Ara	2.8400	4600.0	78	33187	No
154	GOM_NL__2PRFIN20080705_125658_000000382070_00067_33187_4914.N1	05-JUL-2008 12:56:58	Tw_i_and_stray	38.000	147	Alp Ara	2.8770	26000.	76	33187	No
155	GOM_NL__2PRFIN20080705_125847_000000422070_00067_33187_4915.N1	05-JUL-2008 12:58:47	Tw_i_and_stray	42.000	40	The Sco	1.8590	7100.0	84	33187	No
156	GOM_NL__2PRFIN20080705_130027_000000402070_00067_33187_4916.N1	05-JUL-2008 13:00:27	Tw_i_and_stray	39.500	25	35Lam Sco	1.6200	28000.	79	33187	No
157	GOM_NL__2PRFIN20080705_130154_000000432070_00067_33187_4917.N1	05-JUL-2008 13:01:54	Bright	43.000	116	19Del Sgr	2.7000	4100.0	86	33187	No
158	GOM_NL__2PRFIN20080705_130330_000000372070_00067_33187_4918.N1	05-JUL-2008 13:03:30	Bright	36.500	136	23Tau Sco	2.8220	30000.	73	33187	No
159	GOM_NL__2PRFIN20080705_130637_000000372070_00067_33187_4919.N1	05-JUL-2008 13:06:37	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	33187	No
160	GOM_NL__2PRFIN20080705_130824_000000372070_00067_33187_4920.N1	05-JUL-2008 13:08:24	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	33187	No

161	GOM_NL__2PRFIN20080705_131205_000000352070_00067_33187_4921.N1	05-JUL-2008 13:12:05	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	33187	No
162	GOM_NL__2PRFIN20080705_131424_000000352070_00067_33187_4922.N1	05-JUL-2008 13:14:24	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	33187	No
163	GOM_NL__2PRFIN20080705_131719_000000362070_00067_33187_4923.N1	05-JUL-2008 13:17:19	Bright	35.500	127	27Bet Her	2.7810	4700.0	71	33187	No
164	GOM_NL__2PRFIN20080705_131958_000000342070_00067_33187_4924.N1	05-JUL-2008 13:19:58	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	33187	No
165	GOM_NL__2PRFIN20080705_132543_000000372070_00067_33187_4925.N1	05-JUL-2008 13:25:43	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	33187	No
166	GOM_NL__2PRFIN20080705_132819_000000342070_00067_33187_4926.N1	05-JUL-2008 13:28:19	Bright	33.500	119	14Eta Dra	2.7270	4700.0	67	33187	No
167	GOM_NL__2PRFIN20080705_133225_000000372070_00067_33187_4927.N1	05-JUL-2008 13:32:25	Bright	37.000	60	7Bet UMI	2.0810	3950.0	74	33187	No
168	GOM_NL__2PRFIN20080705_133628_000000342070_00067_33187_4928.N1	05-JUL-2008 13:36:28	Bright	33.500	49	1Alp UMI	1.9900	6300.0	67	33187	No
169	GOM_NL__2PRFIN20080705_135047_000000352070_00067_33187_4929.N1	05-JUL-2008 13:50:47	Bright	34.500	149	45Eps Per	2.8880	30000.	69	33187	No
170	GOM_NL__2PRFIN20080705_140605_000000432070_00067_33187_4930.N1	05-JUL-2008 14:06:05	Dark	43.000	165	34Gam Eri	2.9500	3200.0	86	33187	No
171	GOM_NL__2PRFIN20080705_141440_000000402070_00067_33187_4931.N1	05-JUL-2008 14:14:40	Dark	40.000	157	The1Eri	2.9060	9300.0	80	33187	No
172	GOM_NL__2PRFIN20080705_142051_000000412070_00068_33188_4920.N1	05-JUL-2008 14:20:51	Dark	41.000	9	Alp Eri	0.45300	24000.	82	33188	No
173	GOM_NL__2PRFIN20080705_142511_000000372070_00068_33188_4921.N1	05-JUL-2008 14:25:11	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33188	No
174	GOM_NL__2PRFIN20080705_143237_000000402070_00068_33188_4922.N1	05-JUL-2008 14:32:37	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	33188	No
175	GOM_NL__2PRFIN20080705_143734_000000372070_00068_33188_4923.N1	05-JUL-2008 14:37:34	Twi_and_stray	37.000	147	Alp Ara	2.8770	26000.	74	33188	No
176	GOM_NL__2PRFIN20080705_143924_000000422070_00068_33188_4924.N1	05-JUL-2008 14:39:24	Twi_and_stray	42.000	40	The Sco	1.8590	7100.0	84	33188	No
177	GOM_NL__2PRFIN20080705_144103_000000412070_00068_33188_4925.N1	05-JUL-2008 14:41:03	Twi_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	33188	No
178	GOM_NL__2PRFIN20080705_144230_000000482070_00068_33188_4926.N1	05-JUL-2008 14:42:30	Bright	48.000	116	19Del Sgr	2.7000	4100.0	96	33188	No
179	GOM_NL__2PRFIN20080705_144406_000000372070_00068_33188_4927.N1	05-JUL-2008 14:44:06	Bright	37.000	136	23Tau Sco	2.8220	30000.	74	33188	No
180	GOM_NL__2PRFIN20080705_144713_000000362070_00068_33188_4928.N1	05-JUL-2008 14:47:13	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33188	No
181	GOM_NL__2PRFIN20080705_144900_000000372070_00068_33188_4929.N1	05-JUL-2008 14:49:00	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	33188	No
182	GOM_NL__2PRFIN20080705_145241_000000362070_00068_33188_4930.N1	05-JUL-2008 14:52:41	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	33188	No
183	GOM_NL__2PRFIN20080705_145500_000000382070_00068_33188_4931.N1	05-JUL-2008 14:55:00	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	33188	No
184	GOM_NL__2PRFIN20080705_145755_000000352070_00068_33188_4932.N1	05-JUL-2008 14:57:55	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	33188	No
185	GOM_NL__2PRFIN20080705_150034_000000352070_00068_33188_4933.N1	05-JUL-2008 15:00:34	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	33188	No
186	GOM_NL__2PRFIN20080705_150619_000000352070_00068_33188_4934.N1	05-JUL-2008 15:06:19	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	33188	No
187	GOM_NL__2PRFIN20080705_150855_000000372070_00068_33188_4935.N1	05-JUL-2008 15:08:55	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	33188	No
188	GOM_NL__2PRFIN20080705_151301_000000342070_00068_33188_4936.N1	05-JUL-2008 15:13:01	Bright	34.000	60	7Bet UMI	2.0810	3950.0	68	33188	No
189	GOM_NL__2PRFIN20080705_151704_000000362070_00068_33188_4937.N1	05-JUL-2008 15:17:04	Bright	36.000	49	1Alp UMI	1.9900	6300.0	72	33188	No
190	GOM_NL__2PRFIN20080705_153123_000000542070_00068_33188_4938.N1	05-JUL-2008 15:31:23	Bright	54.000	149	45Eps Per	2.8880	30000.	108	33188	No
191	GOM_NL__2PRFIN20080705_154641_000000432070_00068_33188_4939.N1	05-JUL-2008 15:46:41	Dark	42.500	165	34Gam Eri	2.9500	3200.0	85	33188	No
192	GOM_NL__2PRFIN20080705_155517_000000392070_00068_33188_4940.N1	05-JUL-2008 15:55:17	Dark	39.000	157	The1Eri	2.9060	9300.0	78	33188	No
193	GOM_NL__2PRFIN20080705_160128_000000492070_00069_33189_4944.N1	05-JUL-2008 16:01:28	Dark	49.000	9	Alp Eri	0.45300	24000.	98	33189	No
194	GOM_NL__2PRFIN20080705_160547_000000362070_00069_33189_4945.N1	05-JUL-2008 16:05:47	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	33189	No
195	GOM_NL__2PRFIN20080705_161314_000000402070_00069_33189_4946.N1	05-JUL-2008 16:13:14	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	33189	No
196	GOM_NL__2PRFIN20080705_161641_000000402070_00069_33189_4947.N1	05-JUL-2008 16:16:41	Straylight	39.500	141	Bet Ara	2.8400	4600.0	79	33189	No
197	GOM_NL__2PRFIN20080705_161810_000000362070_00069_33189_4948.N1	05-JUL-2008 16:18:10	Twi_and_stray	36.000	147	Alp Ara	2.8770	26000.	72	33189	No
198	GOM_NL__2PRFIN20080705_162000_000000392070_00069_33189_4949.N1	05-JUL-2008 16:20:00	Twi_and_stray	39.000	40	The Sco	1.8590	7100.0	78	33189	No
199	GOM_NL__2PRFIN20080705_162139_000000412070_00069_33189_4950.N1	05-JUL-2008 16:21:39	Twi_and_stray	40.500	25	35Lam Sco	1.6200	28000.	81	33189	No
200	GOM_NL__2PRFIN20080705_162306_000000512070_00069_33189_4951.N1	05-JUL-2008 16:23:06	Bright	51.000	116	19Del Sgr	2.7000	4100.0	102	33189	No
201	GOM_NL__2PRFIN20080705_162442_000000362070_00069_33189_4952.N1	05-JUL-2008 16:24:42	Bright	36.000	136	23Tau Sco	2.8220	30000.	72	33189	No
202	GOM_NL__2PRFIN20080705_162749_000000372070_00069_33189_4953.N1	05-JUL-2008 16:27:49	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33189	No
203	GOM_NL__2PRFIN20080705_162936_000000372070_00069_33189_4954.N1	05-JUL-2008 16:29:36	Bright	37.000	98	13Zet Oph	2.5710	30000.	74	33189	No
204	GOM_NL__2PRFIN20080705_163317_000000372070_00069_33189_4955.N1	05-JUL-2008 16:33:17	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	33189	No
205	GOM_NL__2PRFIN20080705_163536_000000382070_00069_33189_4956.N1	05-JUL-2008 16:35:36	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	33189	No
206	GOM_NL__2PRFIN20080705_163831_000000372070_00069_33189_4957.N1	05-JUL-2008 16:38:31	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	33189	No
207	GOM_NL__2PRFIN20080705_164110_000000352070_00069_33189_4958.N1	05-JUL-2008 16:41:10	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	33189	No
208	GOM_NL__2PRFIN20080705_164655_000000382070_00069_33189_4959.N1	05-JUL-2008 16:46:55	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	33189	No
209	GOM_NL__2PRFIN20080705_164932_000000352070_00069_33189_4960.N1	05-JUL-2008 16:49:32	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	33189	No
210	GOM_NL__2PRFIN20080705_165337_000000322070_00069_33189_4961.N1	05-JUL-2008 16:53:37	Bright	32.000	60	7Bet UMI	2.0810	3950.0	64	33189	No
211	GOM_NL__2PRFIN20080705_165740_000000362070_00069_33189_4962.N1	05-JUL-2008 16:57:40	Bright	36.000	49	1Alp UMI	1.9900	6300.0	72	33189	No
212	GOM_NL__2PRFIN20080705_171159_000000342070_00069_33189_4963.N1	05-JUL-2008 17:11:59	Bright	33.500	149	45Eps Per	2.8880	30000.	67	33189	No
213	GOM_NL__2PRFIN20080705_172718_000000412070_00069_33189_4964.N1	05-JUL-2008 17:27:18	Dark	40.500	165	34Gam Eri	2.9500	3200.0	81	33189	No
214	GOM_NL__2PRFIN20080705_173553_000000402070_00069_33189_4965.N1	05-JUL-2008 17:35:53	Dark	40.000	157	The1Eri	2.9060	9300.0	80	33189	No
215	GOM_NL__2PRFIN20080705_174204_000000492070_00070_33190_4958.N1	05-JUL-2008 17:42:04	Dark	48.500	9	Alp Eri	0.45300	24000.	97	33190	No
216	GOM_NL__2PRFIN20080705_174623_000000362070_00070_33190_4959.N1	05-JUL-2008 17:46:23	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	33190	No
217	GOM_NL__2PRFIN20080705_175350_000000432070_00070_33190_4960.N1	05-JUL-2008 17:53:50	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	33190	No
218	GOM_NL__2PRFIN20080705_175847_000000382070_00070_33190_4961.N1	05-JUL-2008 17:58:47	Twi_and_stray	38.000	147	Alp Ara	2.8770	26000.	76	33190	No
219	GOM_NL__2PRFIN20080705_180036_000000372070_00070_33190_4962.N1	05-JUL-2008 18:00:36	Twi_and_stray	37.000	40	The Sco	1.8590	7100.0	74	33190	No

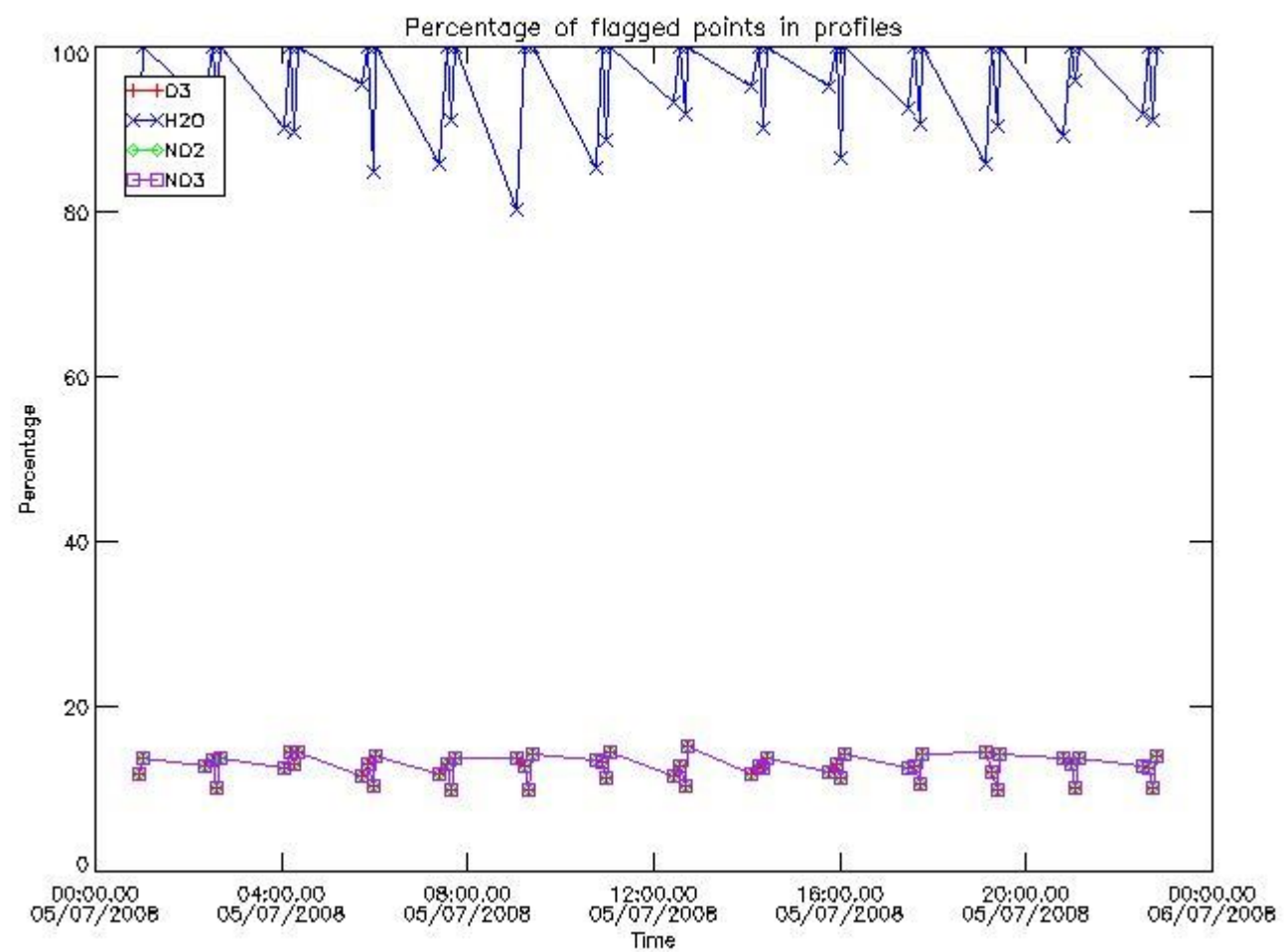
220	GOM_NL__2PRFIN20080705_180216_000000422070_00070_33190_4963.N1	05-JUL-2008 18:02:16	Twilight	41.500	25	35Lam Sco	1.6200	28000.	83	33190	No
221	GOM_NL__2PRFIN20080705_180343_000000472070_00070_33190_4964.N1	05-JUL-2008 18:03:43	Bright	46.500	116	19Del Sgr	2.7000	4100.0	93	33190	No
222	GOM_NL__2PRFIN20080705_180825_000000362070_00070_33190_4965.N1	05-JUL-2008 18:08:25	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33190	No
223	GOM_NL__2PRFIN20080705_181013_000000362070_00070_33190_4966.N1	05-JUL-2008 18:10:13	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	33190	No
224	GOM_NL__2PRFIN20080705_181353_000000372070_00070_33190_4967.N1	05-JUL-2008 18:13:53	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	33190	No
225	GOM_NL__2PRFIN20080705_181612_000000372070_00070_33190_4968.N1	05-JUL-2008 18:16:12	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	33190	No
226	GOM_NL__2PRFIN20080705_181907_000000372070_00070_33190_4969.N1	05-JUL-2008 18:19:07	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	33190	No
227	GOM_NL__2PRFIN20080705_182146_000000522070_00070_33190_4970.N1	05-JUL-2008 18:21:46	Bright	52.000	133	40Zet Her	2.8070	6000.0	104	33190	No
228	GOM_NL__2PRFIN20080705_182731_000000372070_00070_33190_4971.N1	05-JUL-2008 18:27:31	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	33190	No
229	GOM_NL__2PRFIN20080705_183008_000000362070_00070_33190_4972.N1	05-JUL-2008 18:30:08	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33190	No
230	GOM_NL__2PRFIN20080705_183413_000000342070_00070_33190_4973.N1	05-JUL-2008 18:34:13	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	33190	No
231	GOM_NL__2PRFIN20080705_183816_000000372070_00070_33190_4974.N1	05-JUL-2008 18:38:16	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	33190	No
232	GOM_NL__2PRFIN20080705_185235_000000342070_00070_33190_4975.N1	05-JUL-2008 18:52:35	Bright	34.000	149	45Eps Per	2.8880	30000.	68	33190	No
233	GOM_NL__2PRFIN20080705_190754_000000432070_00070_33190_4976.N1	05-JUL-2008 19:07:54	Dark	42.500	165	34Gam Eri	2.9500	3200.0	85	33190	No
234	GOM_NL__2PRFIN20080705_191630_000000422070_00070_33190_4977.N1	05-JUL-2008 19:16:30	Dark	42.000	157	The1Eri	2.9060	9300.0	84	33190	No
235	GOM_NL__2PRFIN20080705_192241_000000522070_00071_33191_4972.N1	05-JUL-2008 19:22:41	Dark	52.000	9	Alp Eri	0.45300	24000.	104	33191	No
236	GOM_NL__2PRFIN20080705_192700_000000362070_00071_33191_4973.N1	05-JUL-2008 19:27:00	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	33191	No
237	GOM_NL__2PRFIN20080705_193427_000000402070_00071_33191_4974.N1	05-JUL-2008 19:34:27	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	33191	No
238	GOM_NL__2PRFIN20080705_193753_000000382070_00071_33191_4975.N1	05-JUL-2008 19:37:53	Straylight	37.500	141	Bet Ara	2.8400	4600.0	75	33191	No
239	GOM_NL__2PRFIN20080705_193923_000000372070_00071_33191_4976.N1	05-JUL-2008 19:39:23	Twilight	36.500	147	Alp Ara	2.8770	26000.	73	33191	No
240	GOM_NL__2PRFIN20080705_194112_000000412070_00071_33191_4977.N1	05-JUL-2008 19:41:12	Twilight	40.500	40	The Sco	1.8590	7100.0	81	33191	No
241	GOM_NL__2PRFIN20080705_194252_000000402070_00071_33191_4978.N1	05-JUL-2008 19:42:52	Twilight	39.500	25	35Lam Sco	1.6200	28000.	79	33191	No
242	GOM_NL__2PRFIN20080705_194419_000000432070_00071_33191_4979.N1	05-JUL-2008 19:44:19	Bright	43.000	116	19Del Sgr	2.7000	4100.0	86	33191	No
243	GOM_NL__2PRFIN20080705_194554_000000362070_00071_33191_4980.N1	05-JUL-2008 19:45:54	Bright	36.000	136	23Tau Sco	2.8220	30000.	72	33191	No
244	GOM_NL__2PRFIN20080705_194901_000000372070_00071_33191_4981.N1	05-JUL-2008 19:49:01	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33191	No
245	GOM_NL__2PRFIN20080705_195049_000000372070_00071_33191_4982.N1	05-JUL-2008 19:50:49	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	33191	No
246	GOM_NL__2PRFIN20080705_195430_000000372070_00071_33191_4983.N1	05-JUL-2008 19:54:30	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	33191	No
247	GOM_NL__2PRFIN20080705_195648_000000382070_00071_33191_4984.N1	05-JUL-2008 19:56:48	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	33191	No
248	GOM_NL__2PRFIN20080705_195943_000000352070_00071_33191_4985.N1	05-JUL-2008 19:59:43	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	33191	No
249	GOM_NL__2PRFIN20080705_200222_000000342070_00071_33191_4986.N1	05-JUL-2008 20:02:22	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	33191	No
250	GOM_NL__2PRFIN20080705_200807_000000372070_00071_33191_4987.N1	05-JUL-2008 20:08:07	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	33191	No
251	GOM_NL__2PRFIN20080705_201044_000000362070_00071_33191_4988.N1	05-JUL-2008 20:10:44	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33191	No
252	GOM_NL__2PRFIN20080705_201449_000000382070_00071_33191_4989.N1	05-JUL-2008 20:14:49	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	33191	No
253	GOM_NL__2PRFIN20080705_201852_000000372070_00071_33191_4990.N1	05-JUL-2008 20:18:52	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33191	No
254	GOM_NL__2PRFIN20080705_203311_000000332070_00071_33191_4991.N1	05-JUL-2008 20:33:11	Bright	33.000	149	45Eps Per	2.8880	30000.	66	33191	No
255	GOM_NL__2PRFIN20080705_204830_000000372070_00071_33191_4992.N1	05-JUL-2008 20:48:30	Dark	37.000	165	34Gam Eri	2.9500	3200.0	74	33191	No
256	GOM_NL__2PRFIN20080705_205706_000000402070_00071_33191_4993.N1	05-JUL-2008 20:57:06	Dark	39.500	157	The1Eri	2.9060	9300.0	79	33191	No
257	GOM_NL__2PRFIN20080705_210317_000000502070_00072_33192_4989.N1	05-JUL-2008 21:03:17	Dark	50.000	9	Alp Eri	0.45300	24000.	100	33192	No
258	GOM_NL__2PRFIN20080705_210736_000000372070_00072_33192_4990.N1	05-JUL-2008 21:07:36	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33192	No
259	GOM_NL__2PRFIN20080705_211503_000000392070_00072_33192_4991.N1	05-JUL-2008 21:15:03	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	33192	No
260	GOM_NL__2PRFIN20080705_211829_000000442070_00072_33192_4992.N1	05-JUL-2008 21:18:29	Straylight	44.000	141	Bet Ara	2.8400	4600.0	88	33192	No
261	GOM_NL__2PRFIN20080705_211959_000000372070_00072_33192_4993.N1	05-JUL-2008 21:19:59	Twilight	37.000	147	Alp Ara	2.8770	26000.	74	33192	No
262	GOM_NL__2PRFIN20080705_212148_000000402070_00072_33192_4994.N1	05-JUL-2008 21:21:48	Twilight	40.000	40	The Sco	1.8590	7100.0	80	33192	No
263	GOM_NL__2PRFIN20080705_212328_000000412070_00072_33192_4995.N1	05-JUL-2008 21:23:28	Twilight	40.500	25	35Lam Sco	1.6200	28000.	81	33192	No
264	GOM_NL__2PRFIN20080705_212455_000000412070_00072_33192_4996.N1	05-JUL-2008 21:24:55	Bright	41.000	116	19Del Sgr	2.7000	4100.0	82	33192	No
265	GOM_NL__2PRFIN20080705_212630_000000352070_00072_33192_4997.N1	05-JUL-2008 21:26:30	Bright	35.000	136	23Tau Sco	2.8220	30000.	70	33192	No
266	GOM_NL__2PRFIN20080705_212937_000000362070_00072_33192_4998.N1	05-JUL-2008 21:29:37	Bright	35.500	86	35Eta Oph	2.4300	10200.	71	33192	No
267	GOM_NL__2PRFIN20080705_213125_000000362070_00072_33192_4999.N1	05-JUL-2008 21:31:25	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	33192	No
268	GOM_NL__2PRFIN20080705_213505_000000372070_00072_33192_5000.N1	05-JUL-2008 21:35:05	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	33192	No
269	GOM_NL__2PRFIN20080705_213723_000000372070_00072_33192_5001.N1	05-JUL-2008 21:37:23	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	33192	No
270	GOM_NL__2PRFIN20080705_214019_000000372070_00072_33192_5002.N1	05-JUL-2008 21:40:19	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	33192	No
271	GOM_NL__2PRFIN20080705_214258_000000362070_00072_33192_5003.N1	05-JUL-2008 21:42:58	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	33192	No
272	GOM_NL__2PRFIN20080705_214842_000000372070_00072_33192_5004.N1	05-JUL-2008 21:48:42	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	33192	No
273	GOM_NL__2PRFIN20080705_215120_000000332070_00072_33192_5005.N1	05-JUL-2008 21:51:20	Bright	32.500	119	14Eta Dra	2.7270	4700.0	65	33192	No
274	GOM_NL__2PRFIN20080705_215525_000000392070_00072_33192_5006.N1	05-JUL-2008 21:55:25	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	33192	No
275	GOM_NL__2PRFIN20080705_215927_000000362070_00072_33192_5007.N1	05-JUL-2008 21:59:27	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33192	No
276	GOM_NL__2PRFIN20080705_221347_000000262070_00072_33192_5008.N1	05-JUL-2008 22:13:47	Twilight	26.000	149	45Eps Per	2.8880	30000.	52	33192	No
277	GOM_NL__2PRFIN20080705_222907_000000432070_00072_33192_5009.N1	05-JUL-2008 22:29:07	Dark	43.000	165	34Gam Eri	2.9500	3200.0	86	33192	No
278	GOM_NL__2PRFIN20080705_223743_000000412070_00072_33192_5010.N1	05-JUL-2008 22:37:43	Dark	40.500	157	The1Eri	2.9060	9300.0	81	33192	No

279	GOM_NL__2PRFIN20080705_224353_000000512070_00073_33193_5000.N1	05-JUL-2008 22:43:53	Dark	50.500	9	Alp Eri	0.45300	24000.	101	33193	No
280	GOM_NL__2PRFIN20080705_224812_000000372070_00073_33193_5001.N1	05-JUL-2008 22:48:12	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33193	No
281	GOM_NL__2PRFIN20080705_225539_000000412070_00073_33193_5002.N1	05-JUL-2008 22:55:39	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	33193	No
282	GOM_NL__2PRFIN20080705_225905_000000392070_00073_33193_5003.N1	05-JUL-2008 22:59:05	Straylight	38.500	141	Bet Ara	2.8400	4600.0	77	33193	No
283	GOM_NL__2PRFIN20080705_230035_000000382070_00073_33193_5004.N1	05-JUL-2008 23:00:35	Tw_i_and_stray	38.000	147	Alp Ara	2.8770	26000.	76	33193	No
284	GOM_NL__2PRFIN20080705_230224_000000412070_00073_33193_5005.N1	05-JUL-2008 23:02:24	Tw_i_and_stray	41.000	40	The Sco	1.8590	7100.0	82	33193	No
285	GOM_NL__2PRFIN20080705_230404_000000412070_00073_33193_5006.N1	05-JUL-2008 23:04:04	Tw_i_and_stray	40.500	25	35Lam Sco	1.6200	28000.	81	33193	No
286	GOM_NL__2PRFIN20080705_230531_000000492070_00073_33193_5007.N1	05-JUL-2008 23:05:31	Bright	49.000	116	19Del Sgr	2.7000	4100.0	98	33193	No
287	GOM_NL__2PRFIN20080705_230706_000000372070_00073_33193_5008.N1	05-JUL-2008 23:07:06	Bright	36.500	136	23Tau Sco	2.8220	30000.	73	33193	No
288	GOM_NL__2PRFIN20080705_231013_000000362070_00073_33193_5009.N1	05-JUL-2008 23:10:13	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33193	No
289	GOM_NL__2PRFIN20080705_231201_000000372070_00073_33193_5010.N1	05-JUL-2008 23:12:01	Bright	37.000	98	13Zet Oph	2.5710	30000.	74	33193	No
290	GOM_NL__2PRFIN20080705_231541_000000372070_00073_33193_5011.N1	05-JUL-2008 23:15:41	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	33193	No
291	GOM_NL__2PRFIN20080705_231759_000000372070_00073_33193_5012.N1	05-JUL-2008 23:17:59	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	33193	No
292	GOM_NL__2PRFIN20080705_232055_000000372070_00073_33193_5013.N1	05-JUL-2008 23:20:55	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	33193	No
293	GOM_NL__2PRFIN20080705_232334_000000352070_00073_33193_5014.N1	05-JUL-2008 23:23:34	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	33193	No
294	GOM_NL__2PRFIN20080705_232918_000000342070_00073_33193_5015.N1	05-JUL-2008 23:29:18	Bright	34.000	130	23Bet Dra	2.7990	5800.0	68	33193	No
295	GOM_NL__2PRFIN20080705_233156_000000382070_00073_33193_5016.N1	05-JUL-2008 23:31:56	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	33193	No
296	GOM_NL__2PRFIN20080705_233602_000000372070_00073_33193_5017.N1	05-JUL-2008 23:36:02	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	33193	No
297	GOM_NL__2PRFIN20080705_234003_000000352070_00073_33193_5018.N1	05-JUL-2008 23:40:03	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	33193	No
298	GOM_NL__2PRFIN20080705_235423_000000262070_00073_33193_5019.N1	05-JUL-2008 23:54:23	Tw_i_and_stray	26.000	149	45Eps Per	2.8880	30000.	52	33193	No

3. Quality information per product

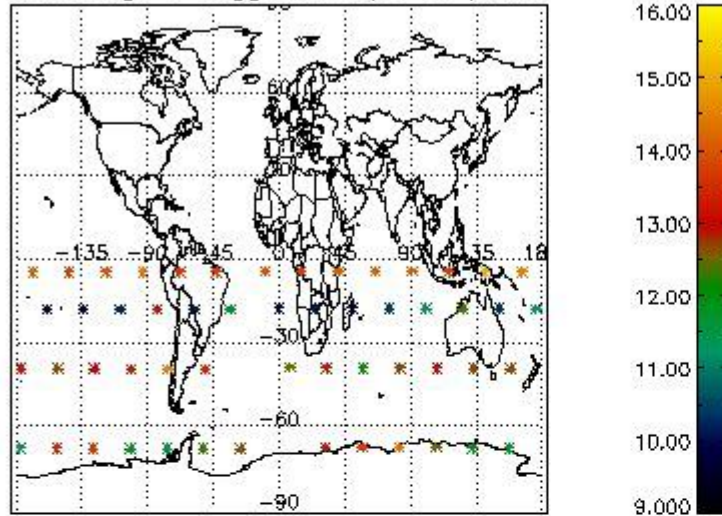
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

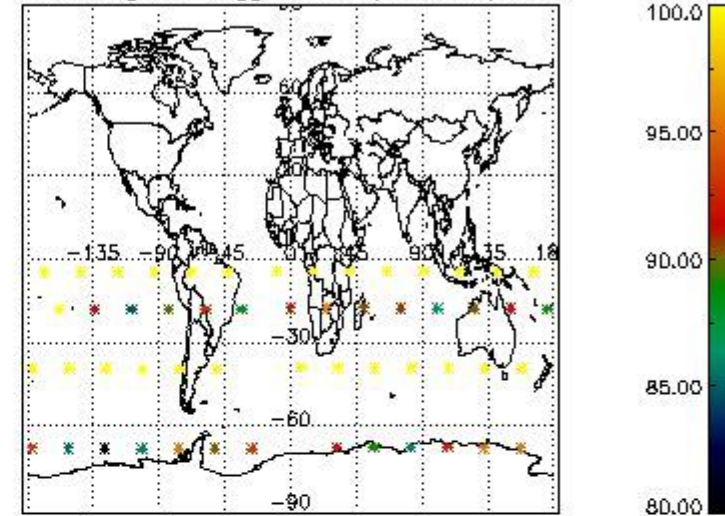


3.2 Plot quality information per product (world map)

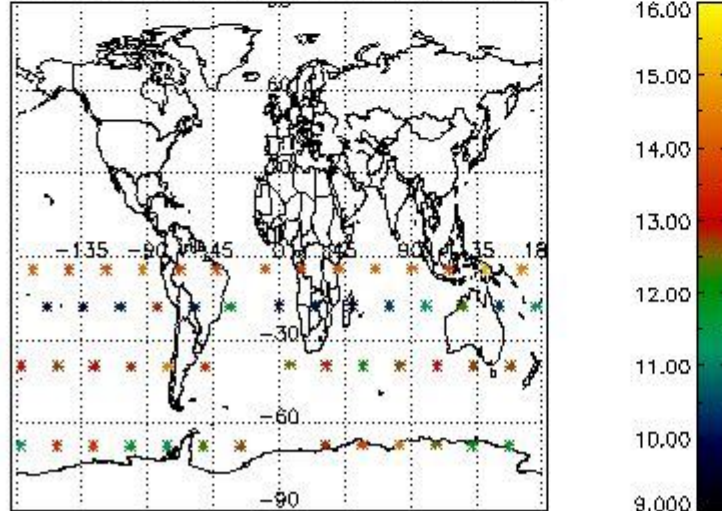
Percentage of flagged data per O3 profile



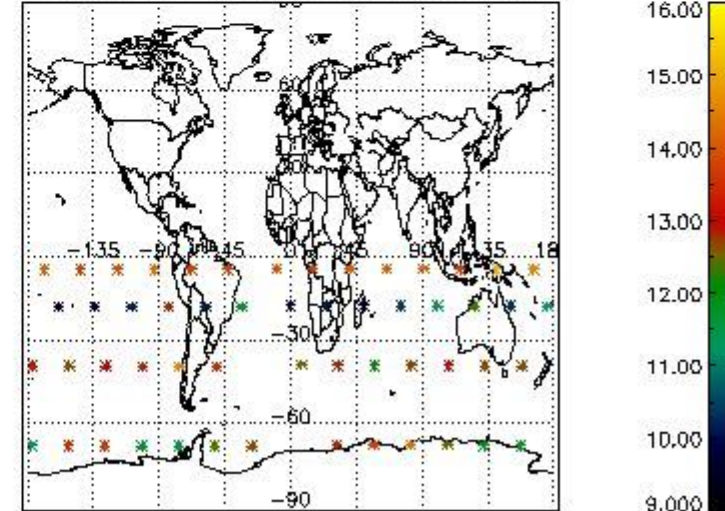
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

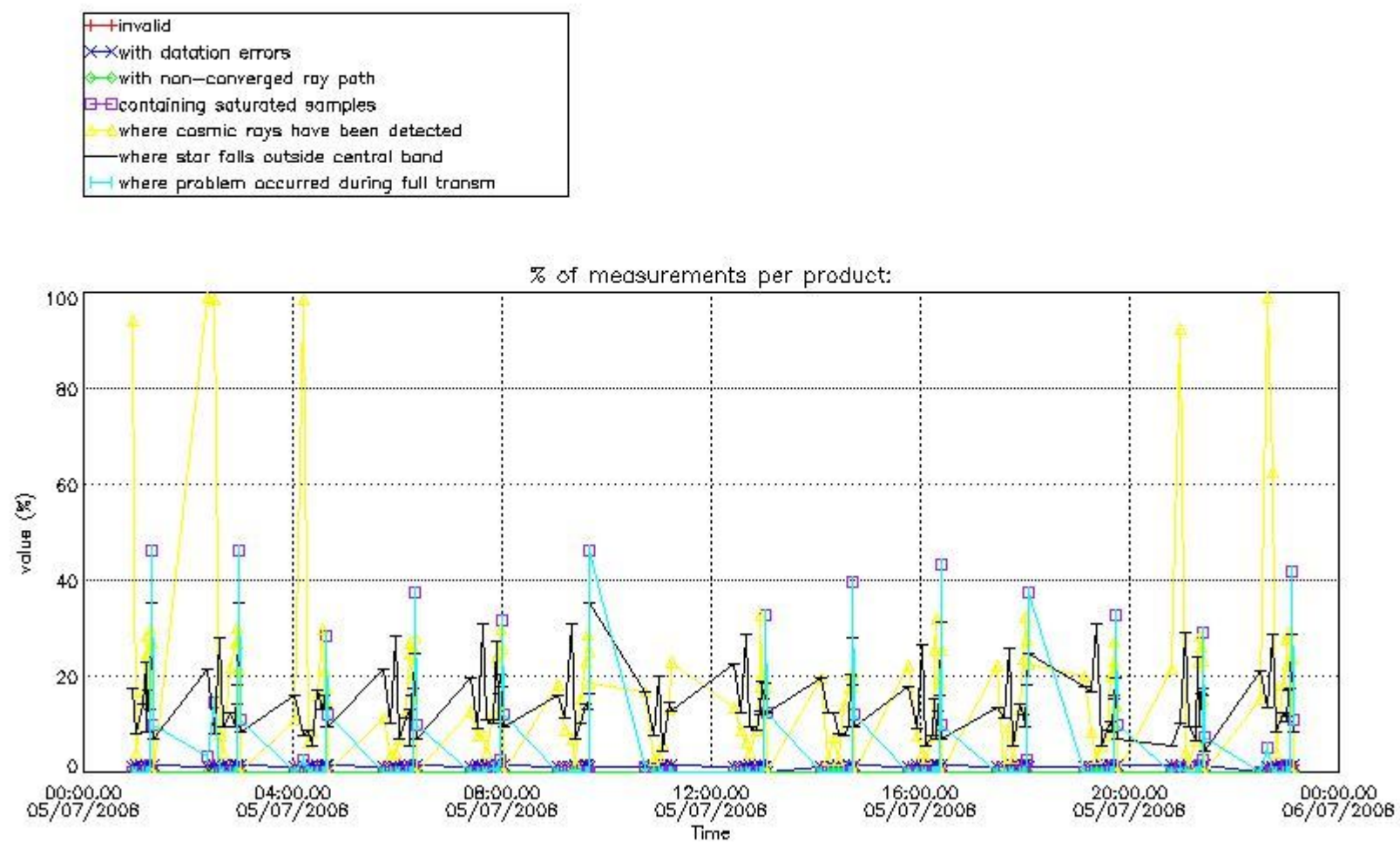


4. Level 1 quality information per product

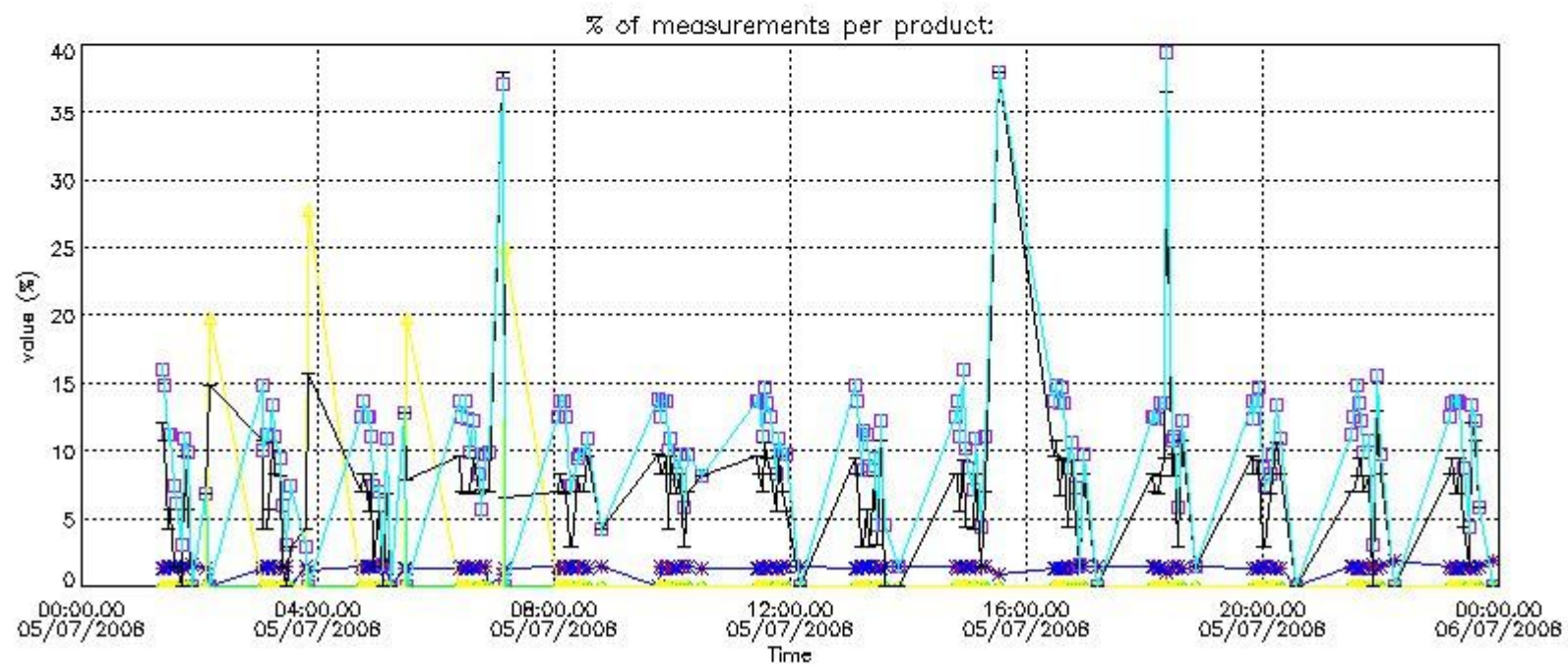
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

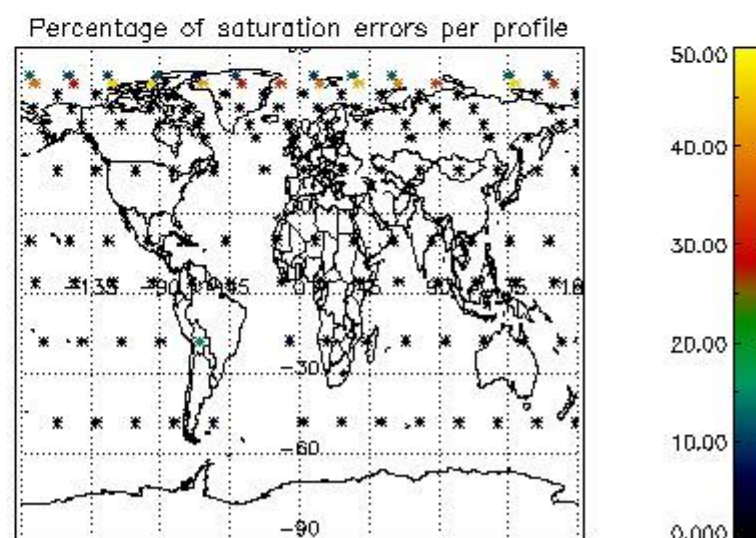
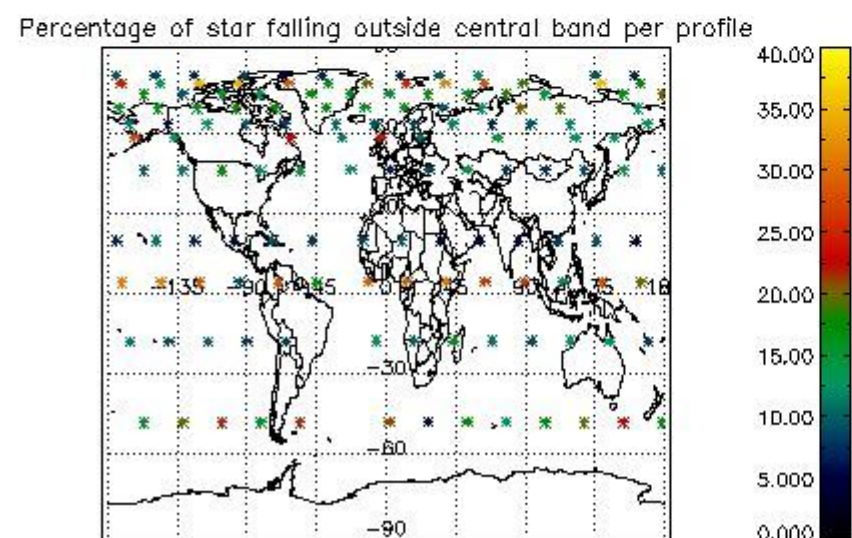
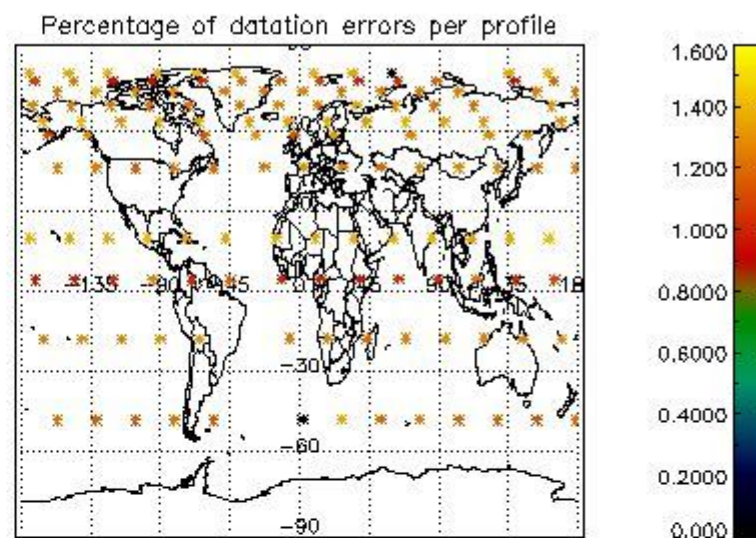
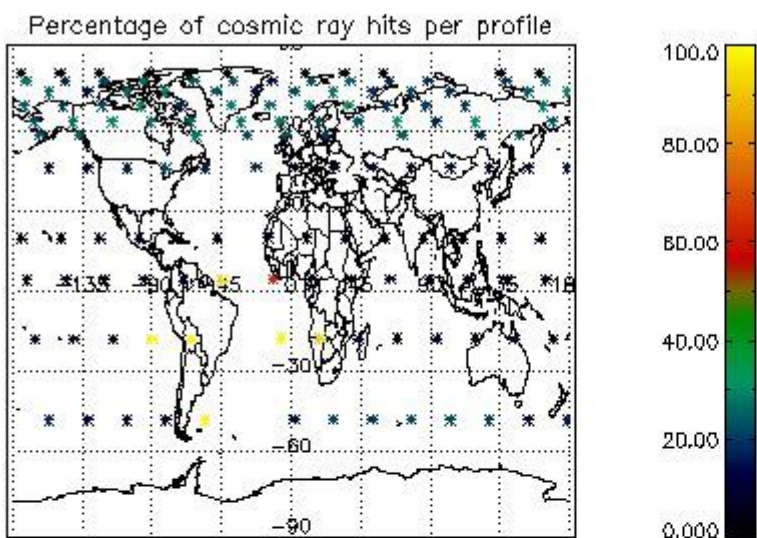


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

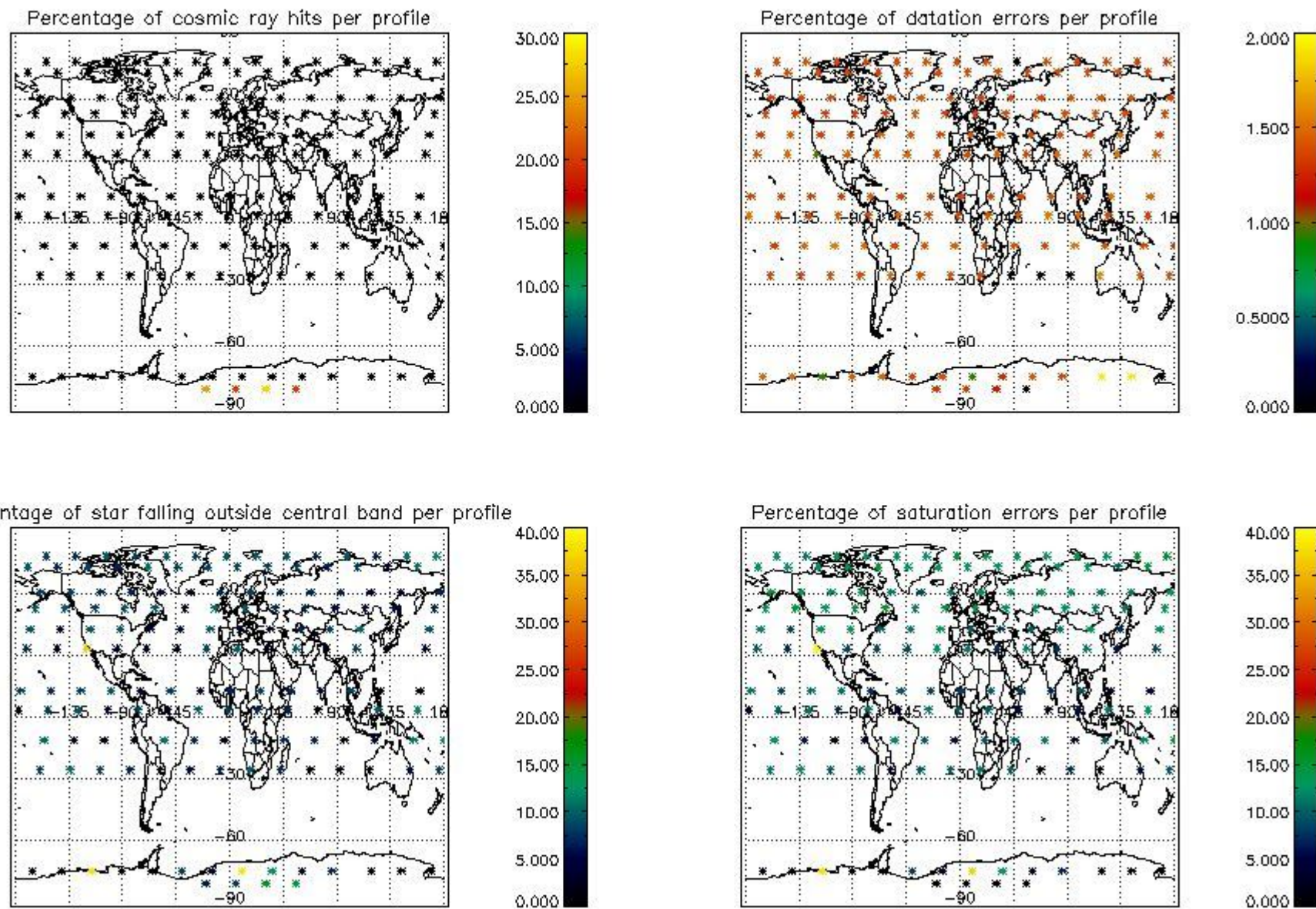


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/o3_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM_NL__2P/NL_SUMMARY_QUALITY/obs_ill_cond=0
- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

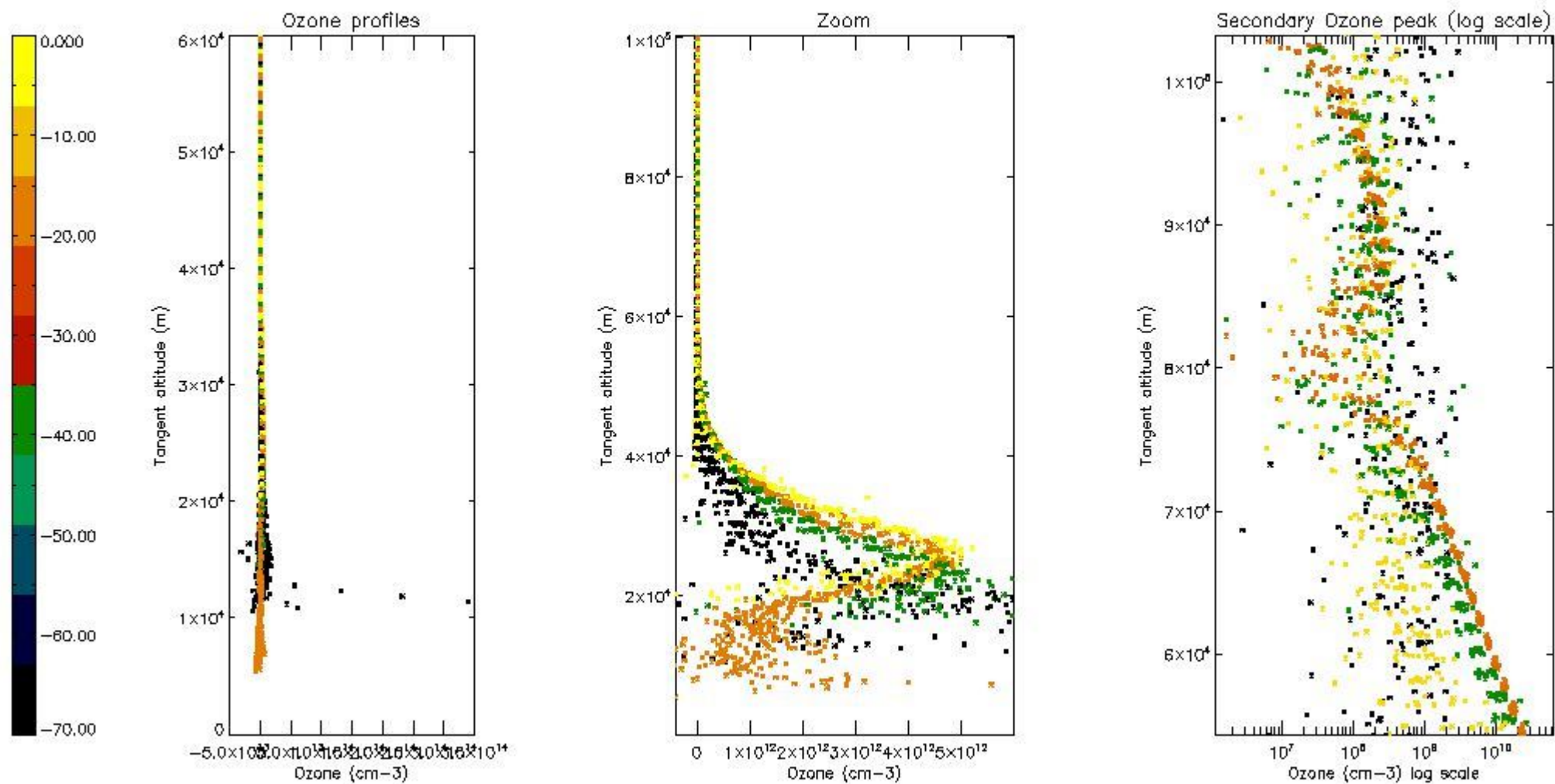
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	21
STD < 20	8

STD < 10	5
STD < 5	3

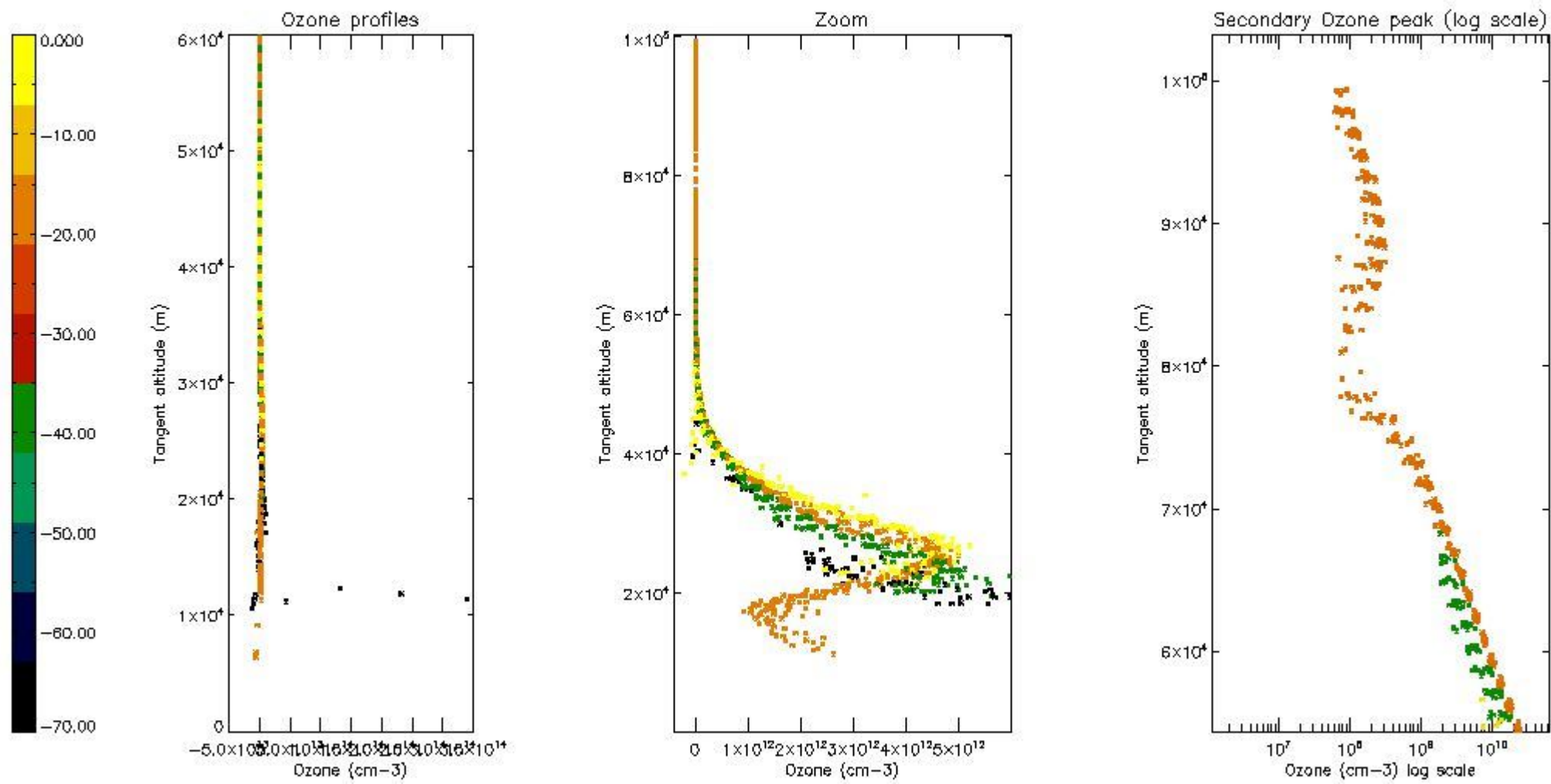
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



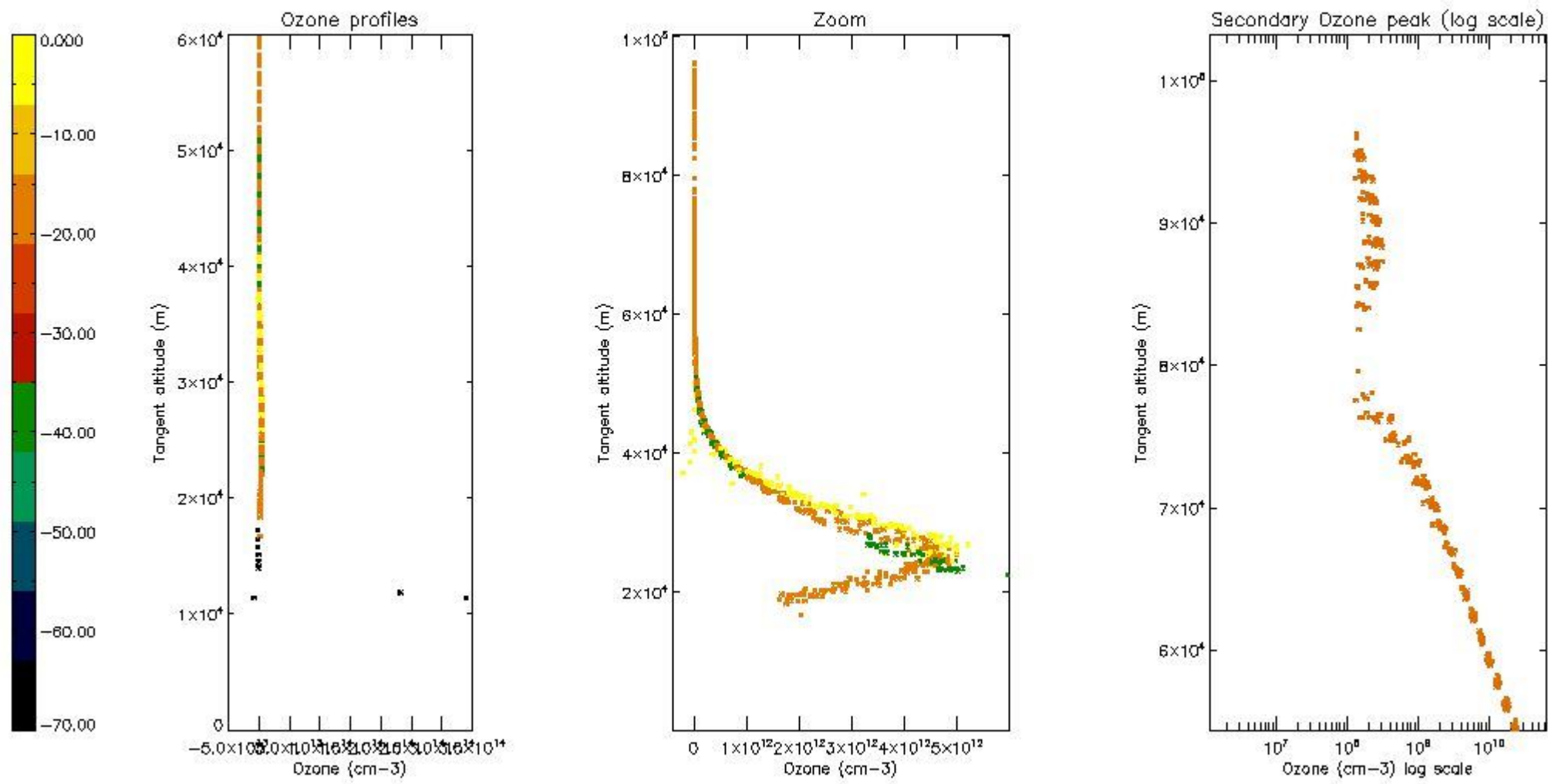
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



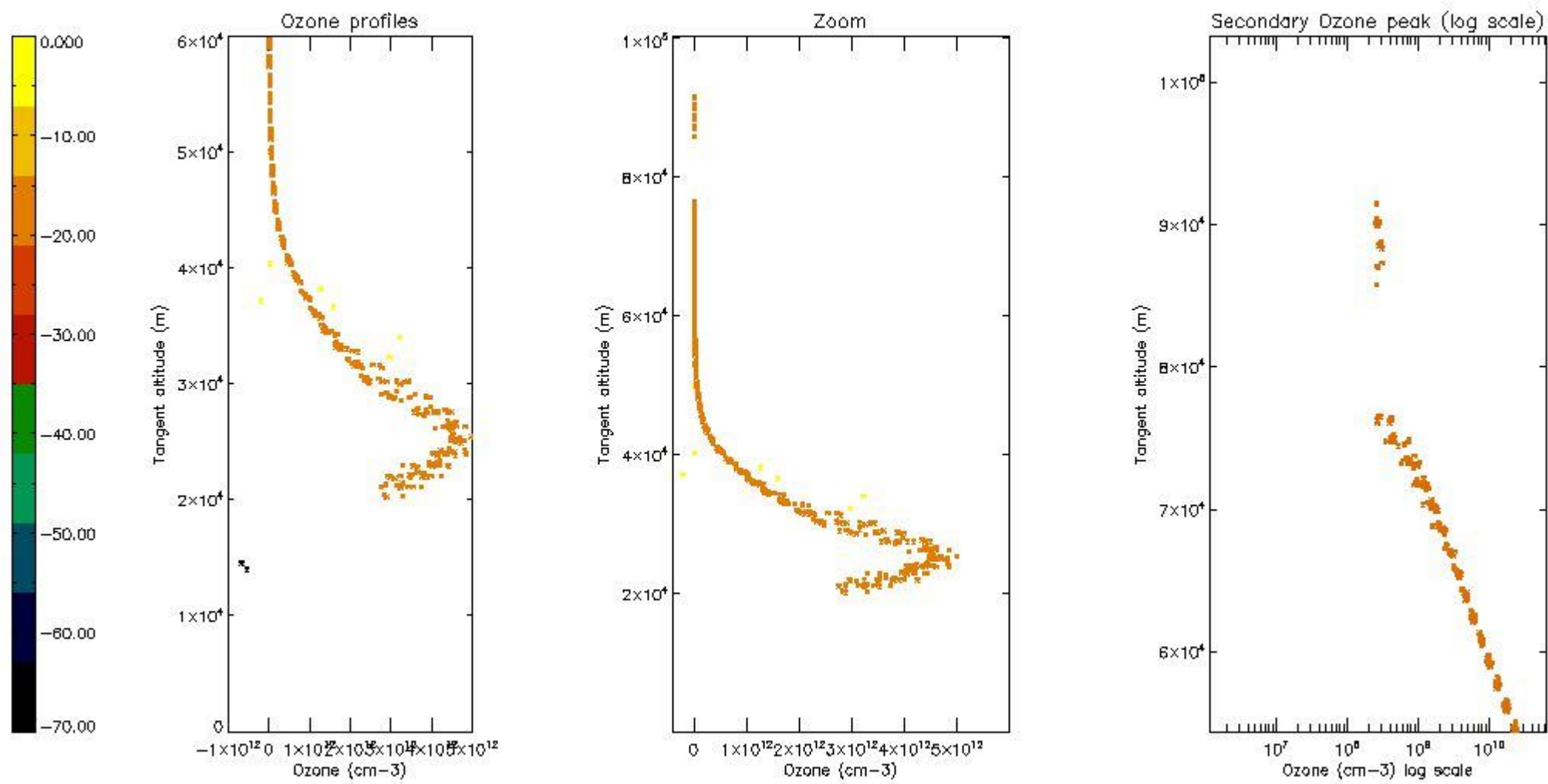
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



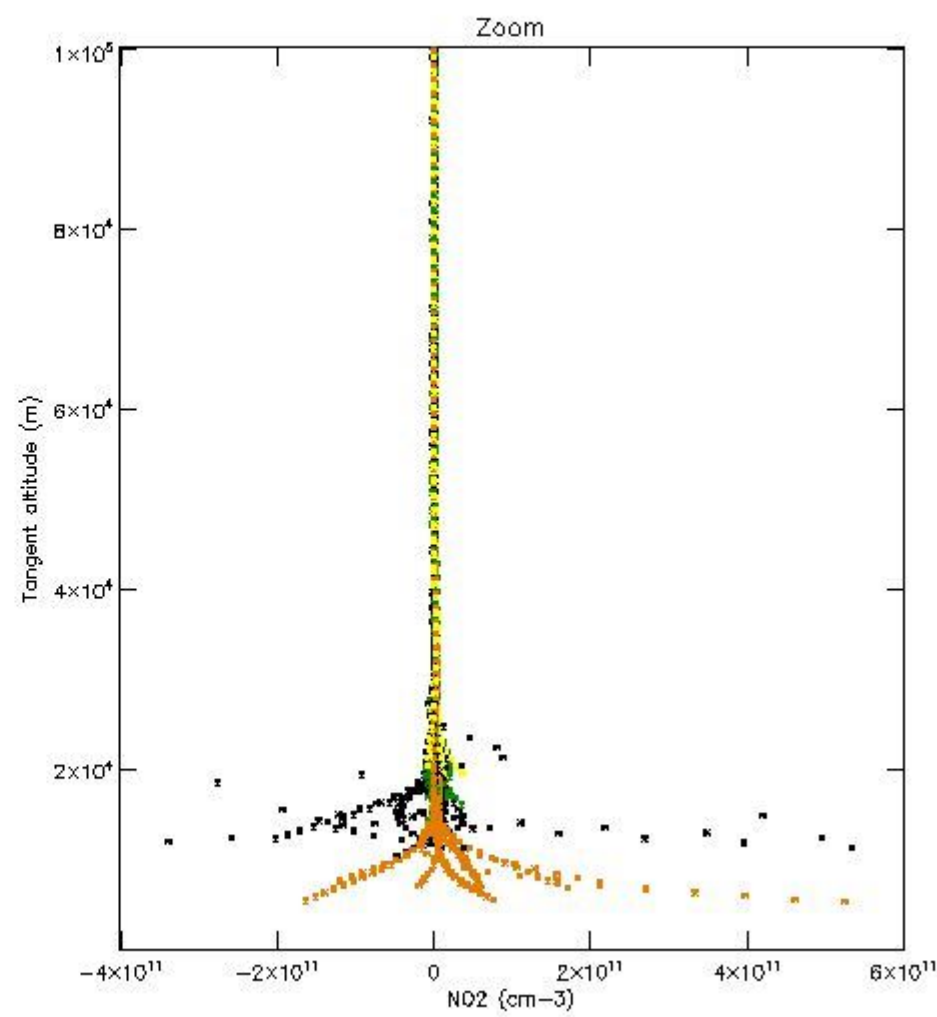
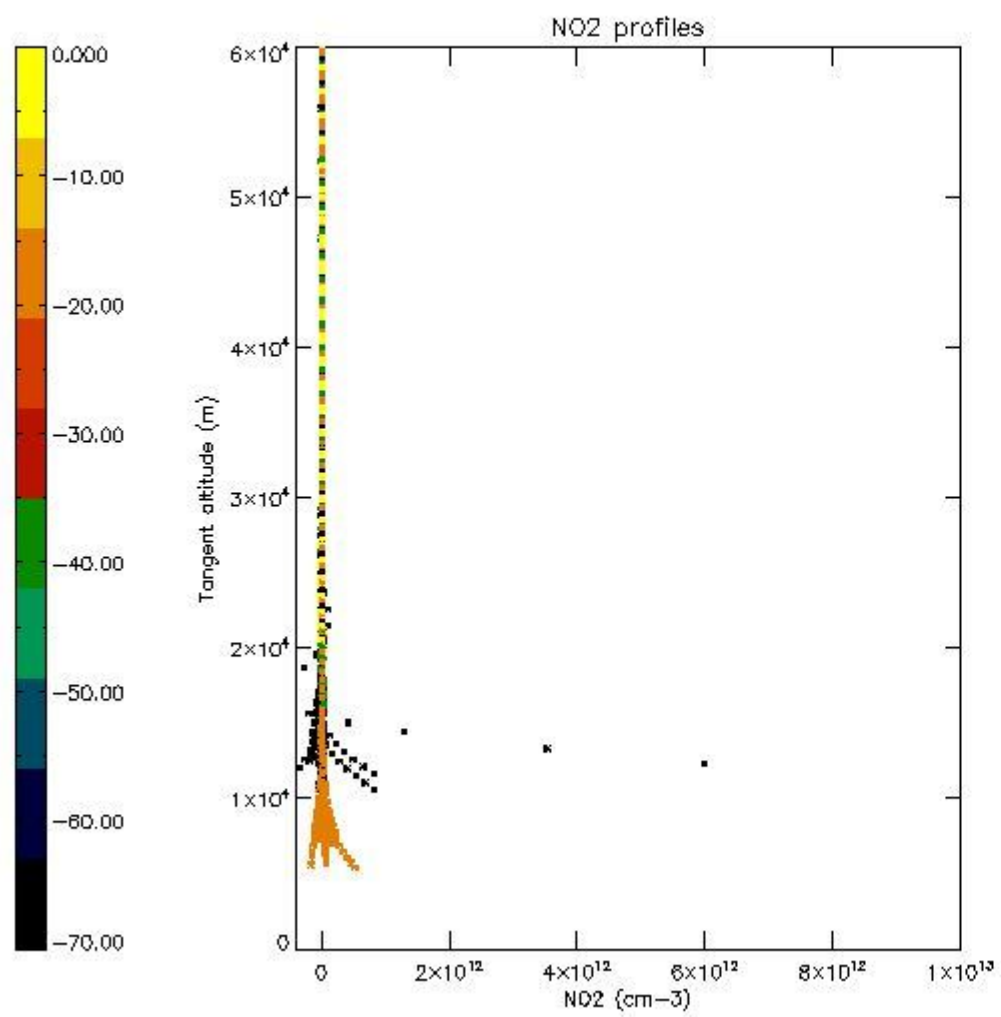
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



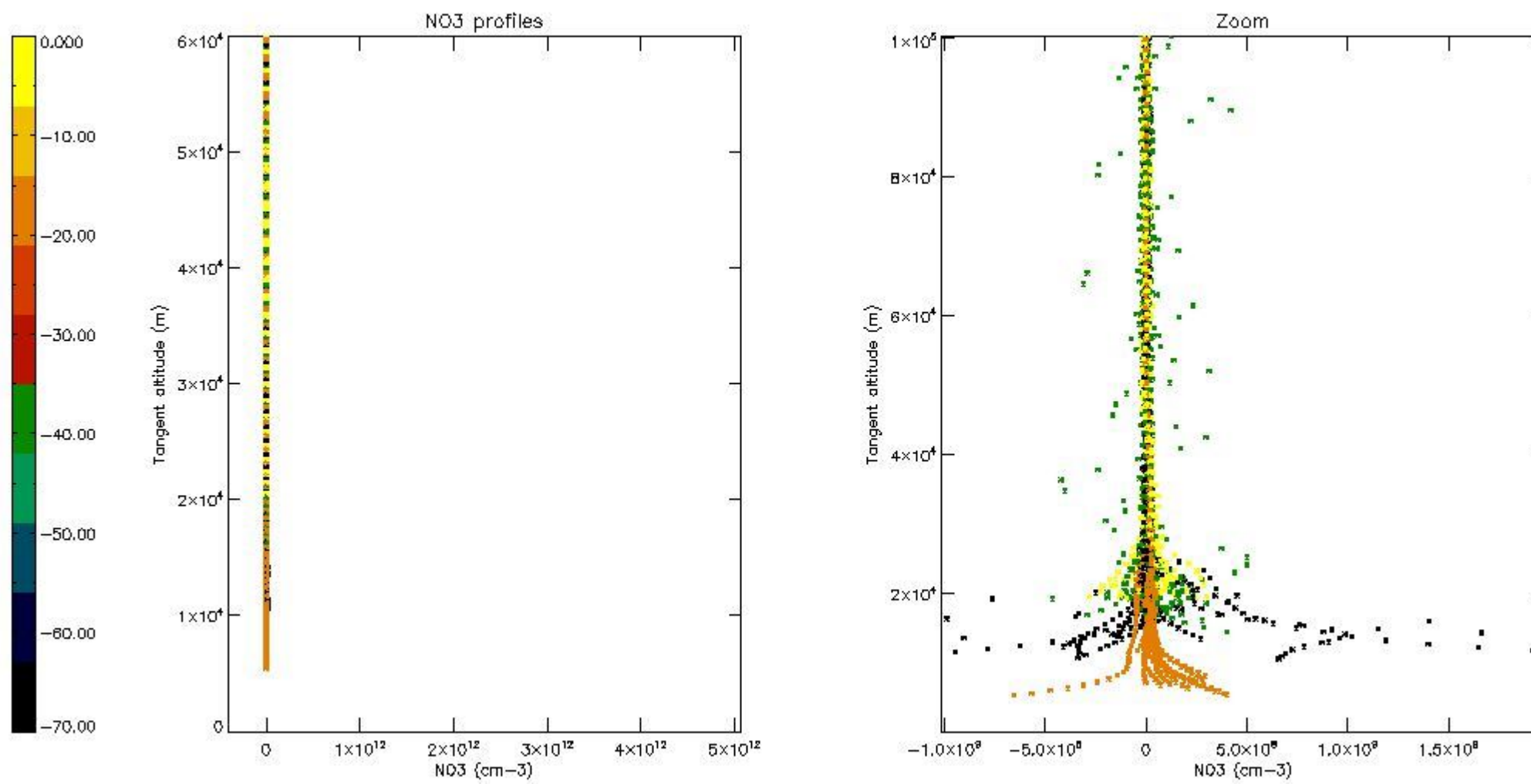
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

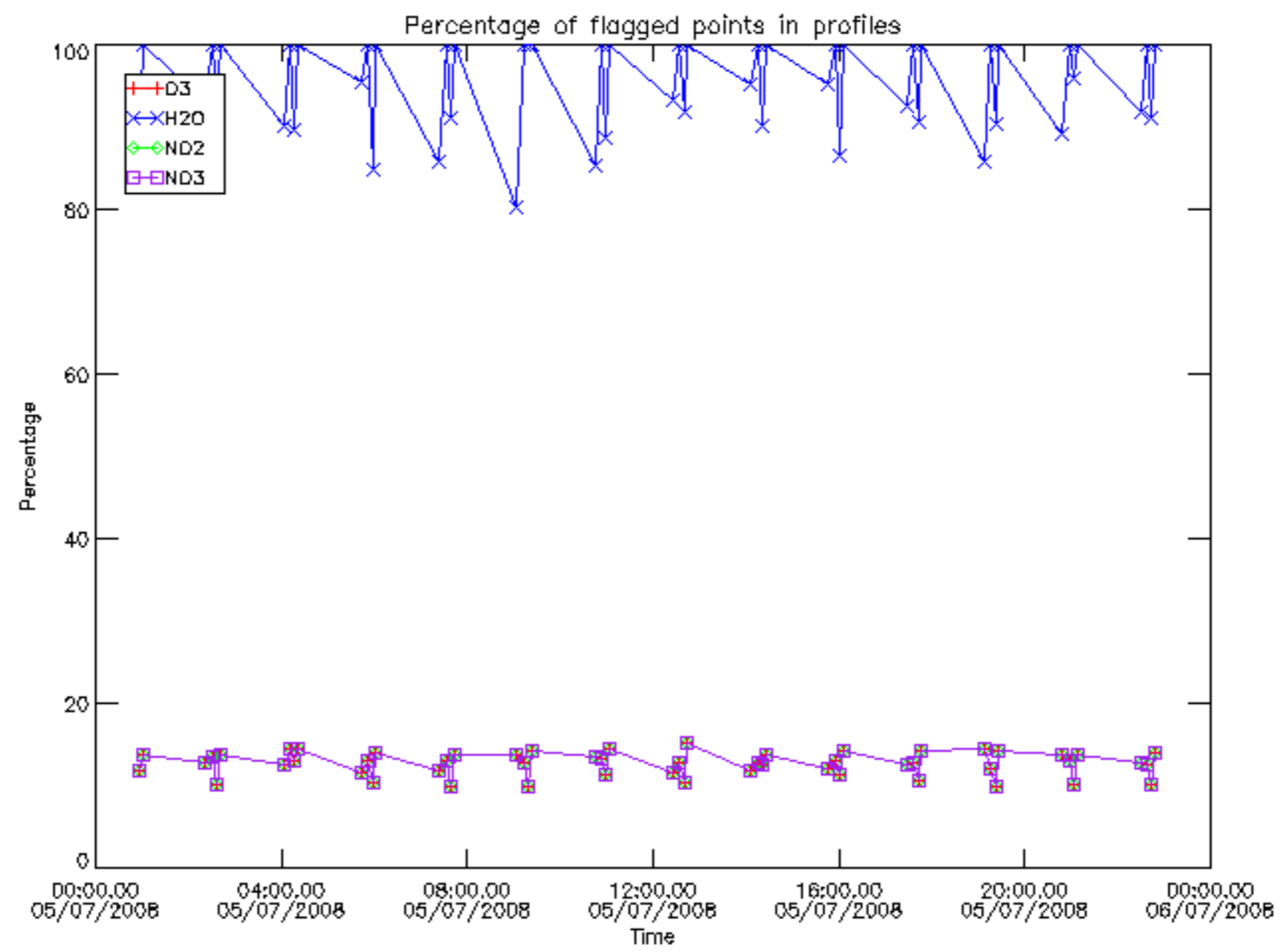
The colorbar represents the latitude.



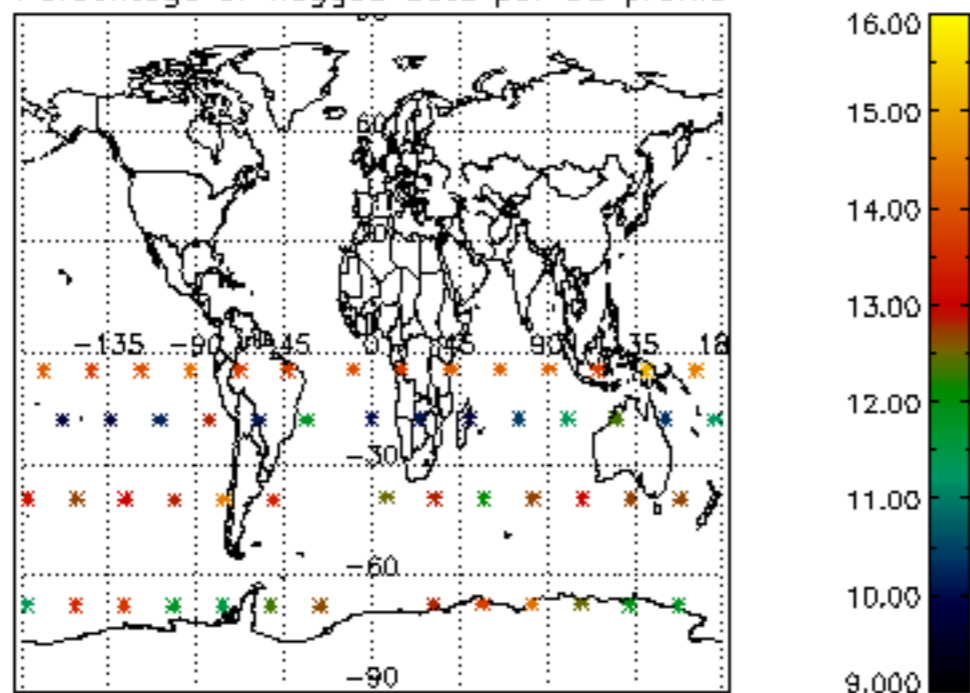
6. Auxiliary Data Files used for the production reported in section 2

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.

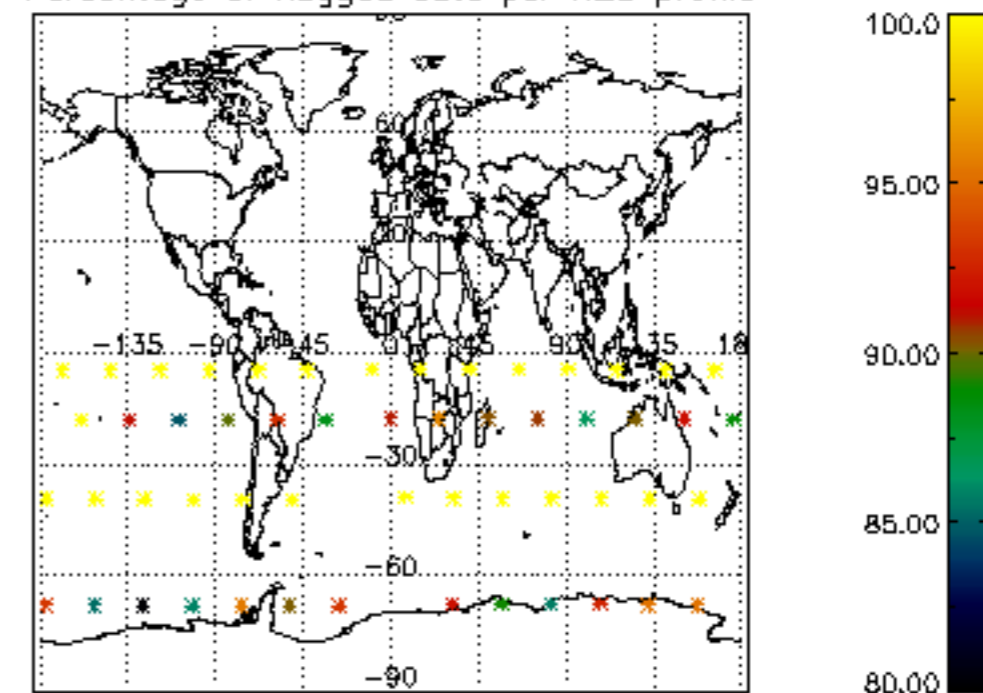
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	05-JUL-2008 00:55:59
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	05-JUL-2008 00:55:59
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	05-JUL-2008 00:55:59



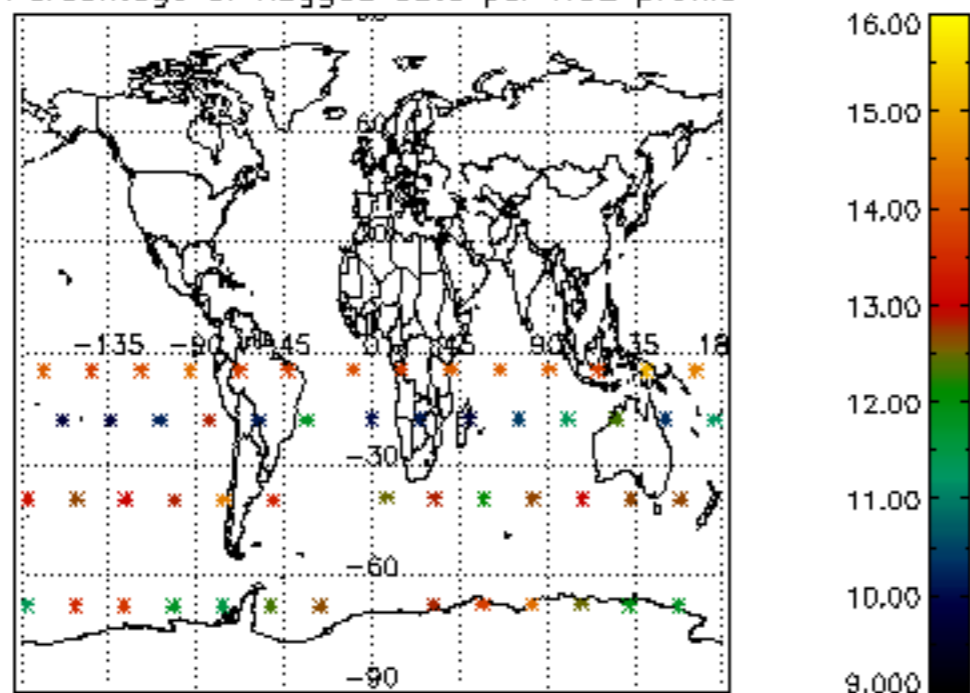
Percentage of flagged data per D3 profile



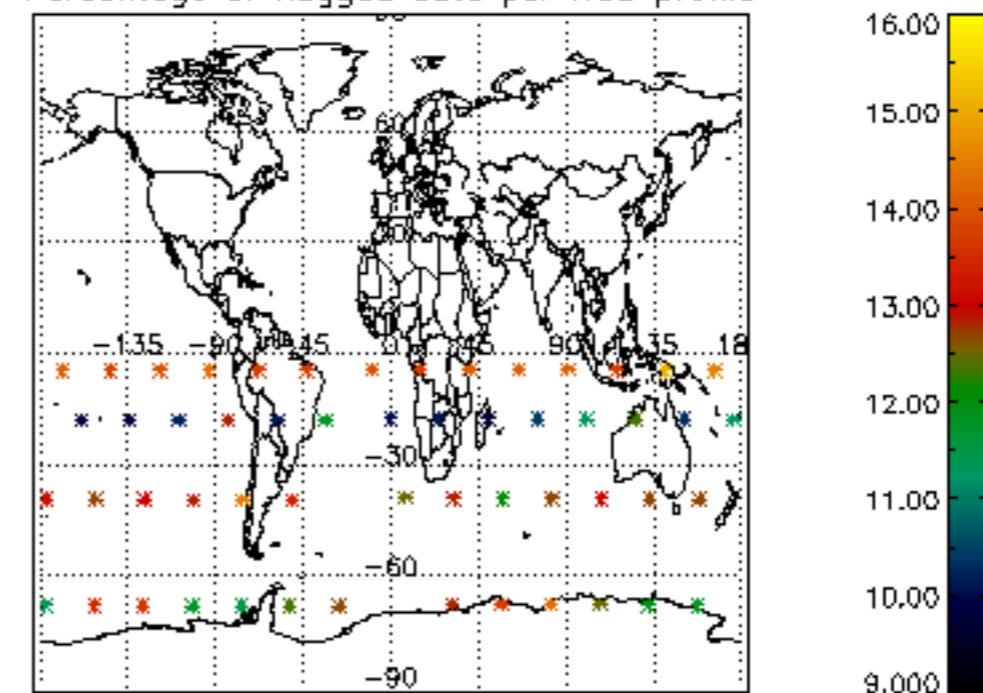
Percentage of flagged data per H2O profile

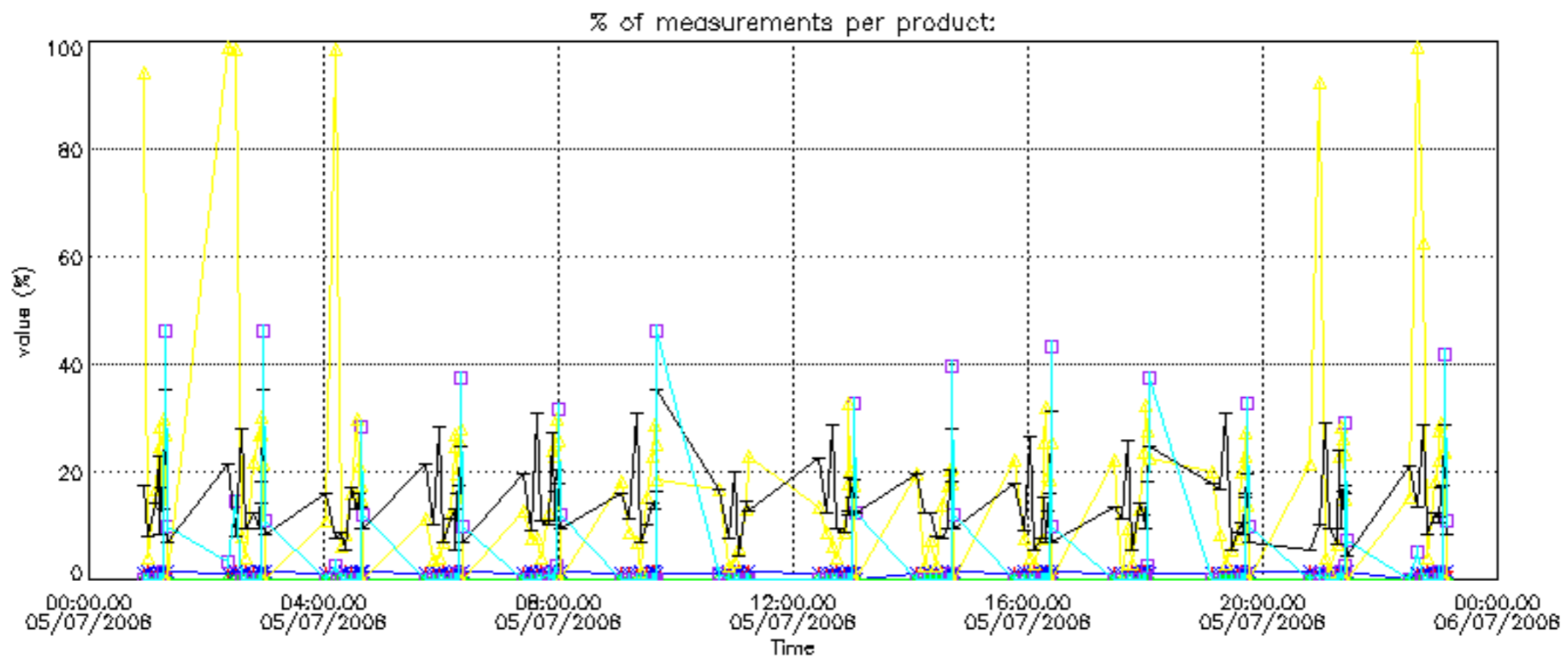
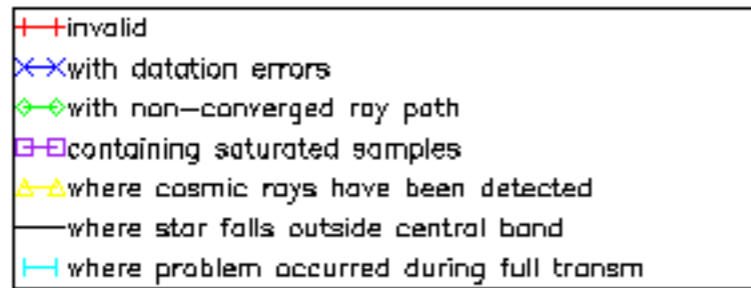


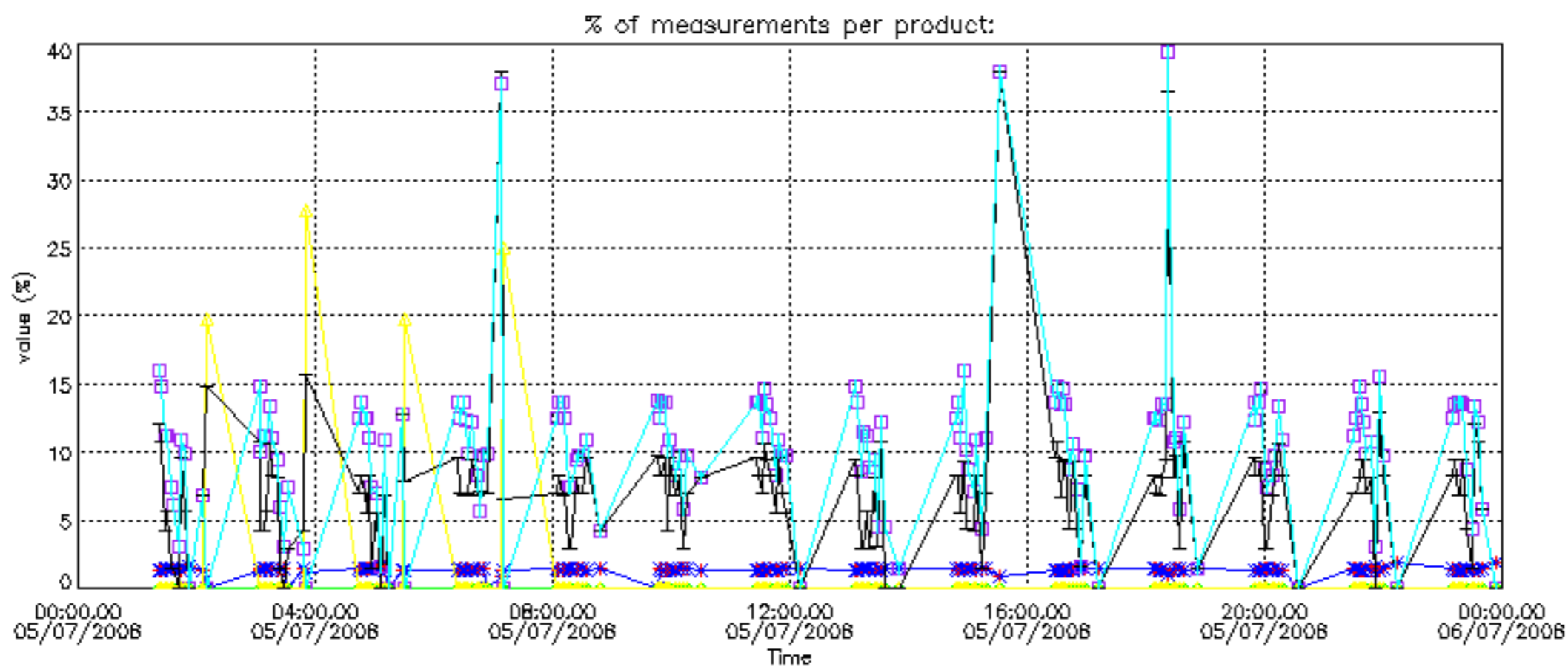
Percentage of flagged data per NO2 profile



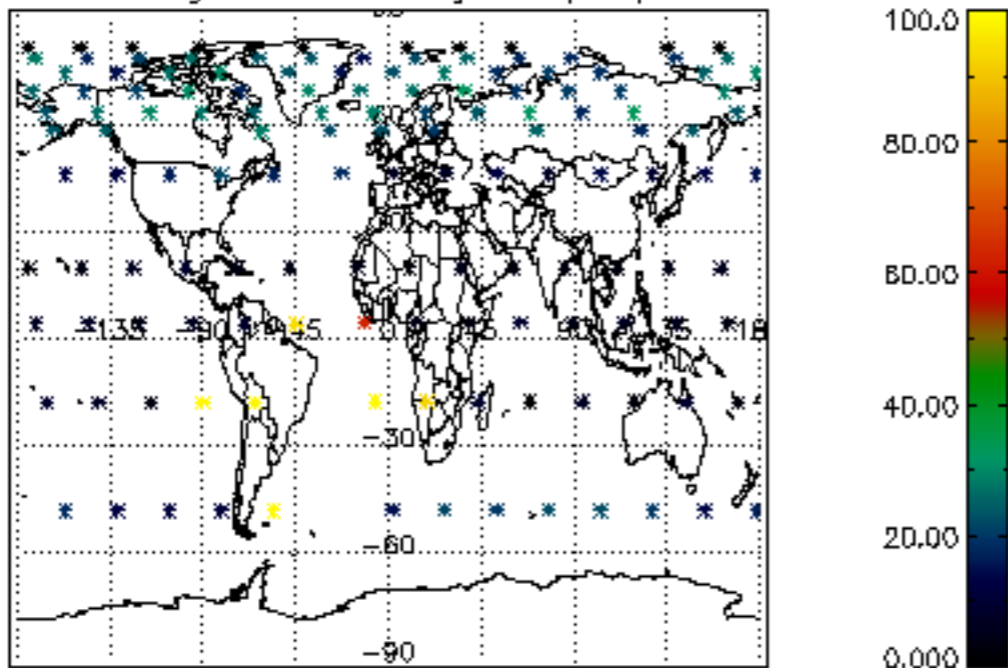
Percentage of flagged data per NO3 profile



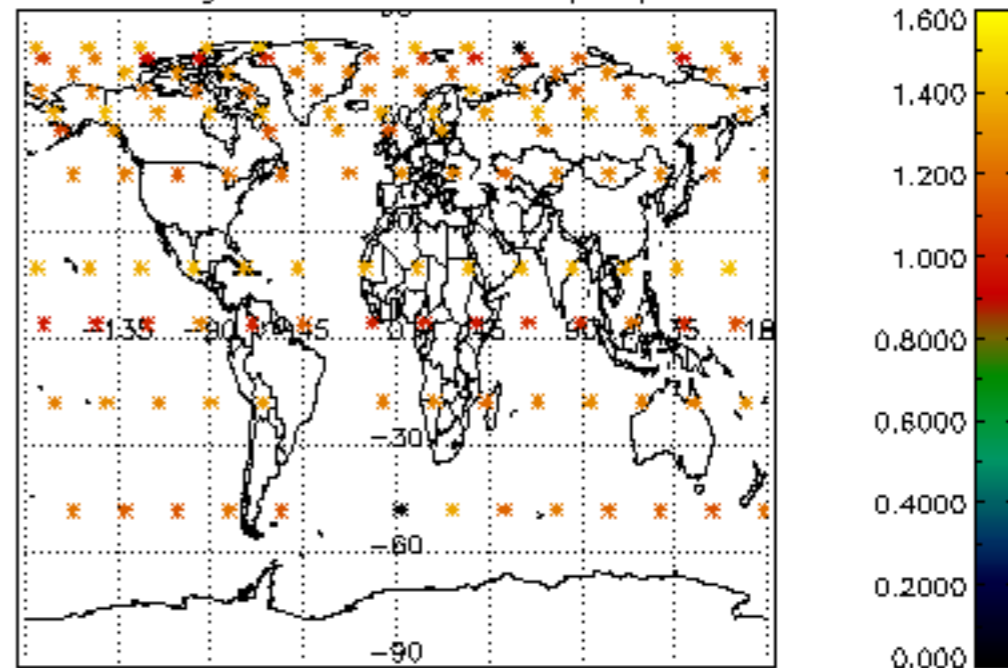




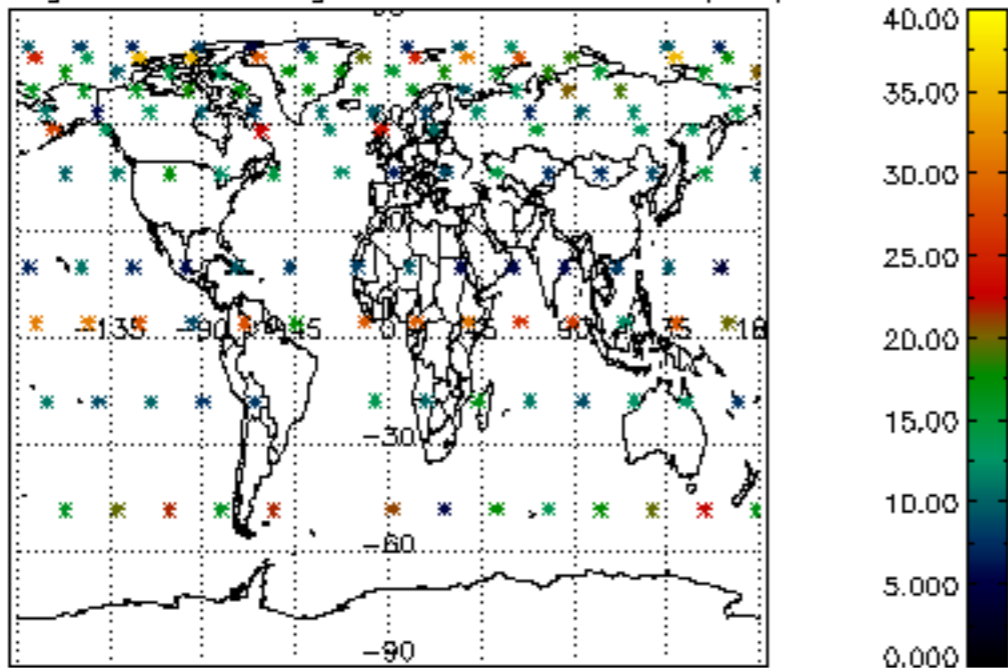
Percentage of cosmic ray hits per profile



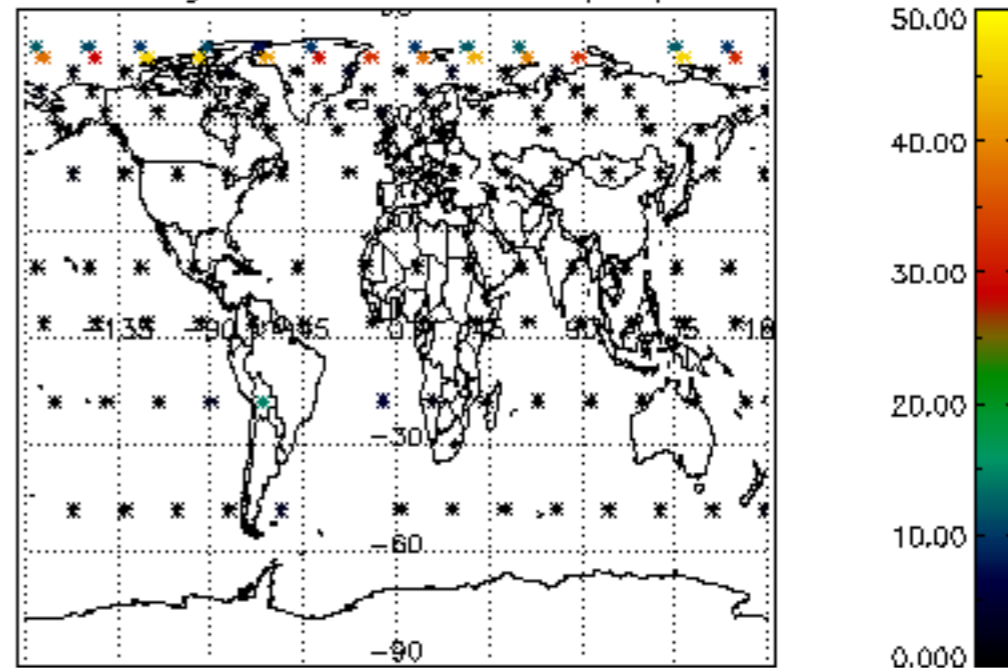
Percentage of datation errors per profile



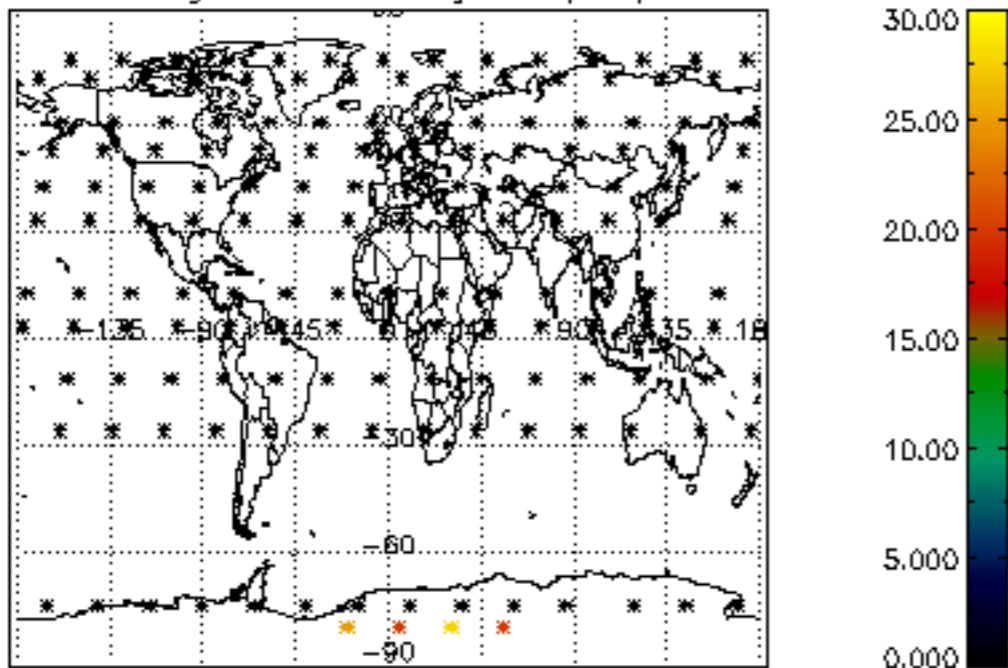
Percentage of star falling outside central band per profile



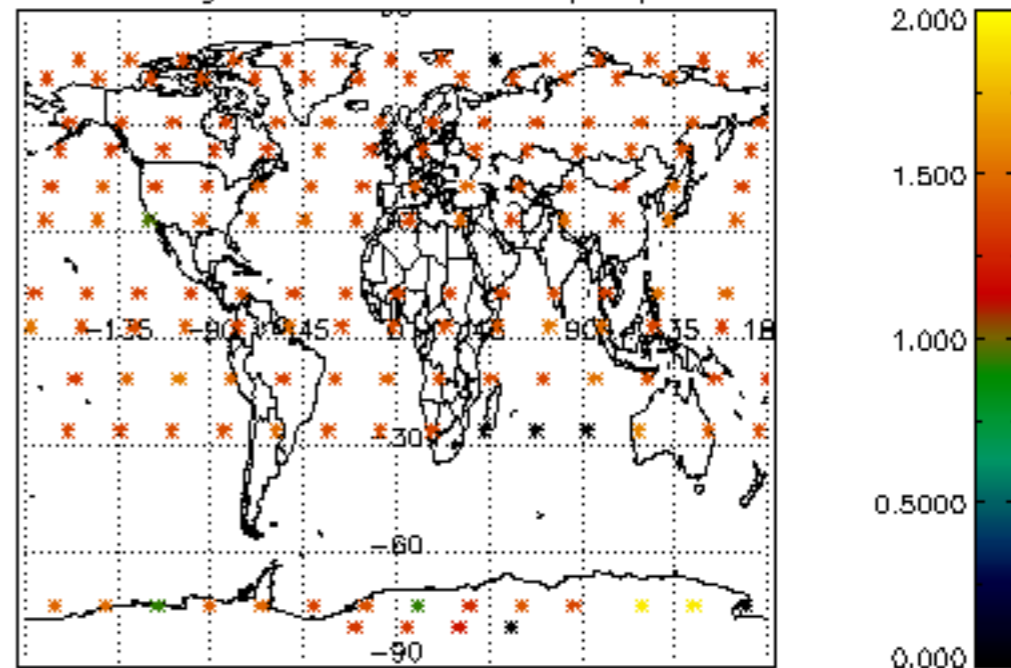
Percentage of saturation errors per profile



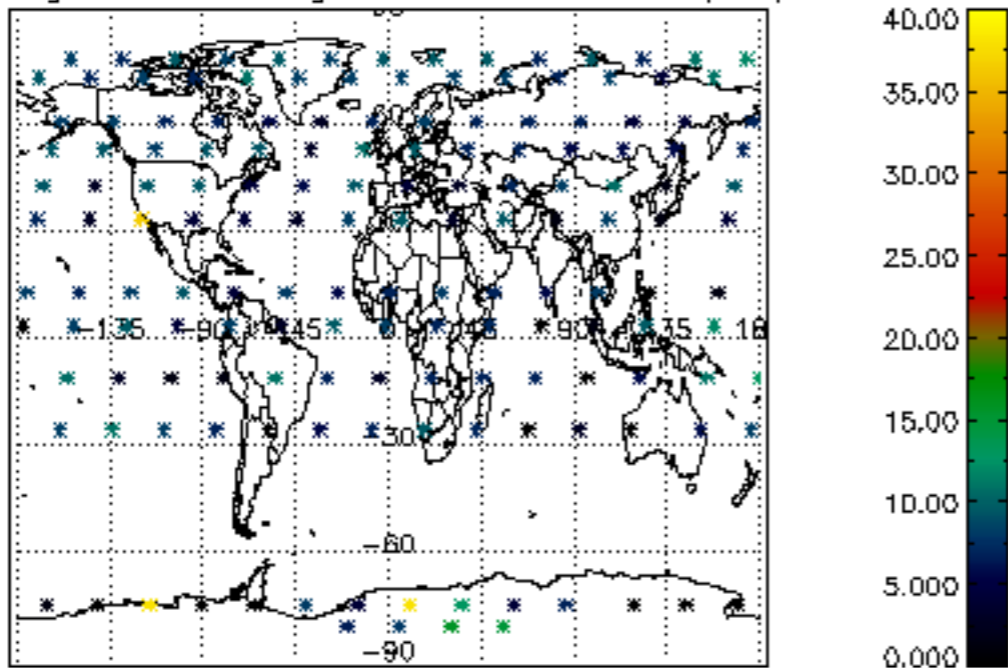
Percentage of cosmic ray hits per profile



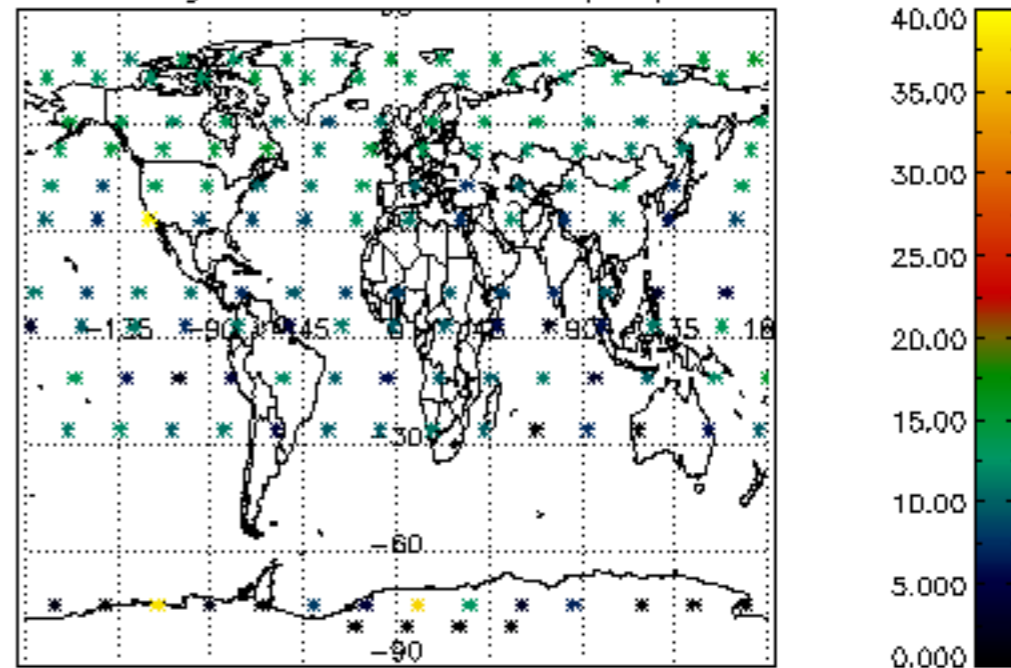
Percentage of datation errors per profile

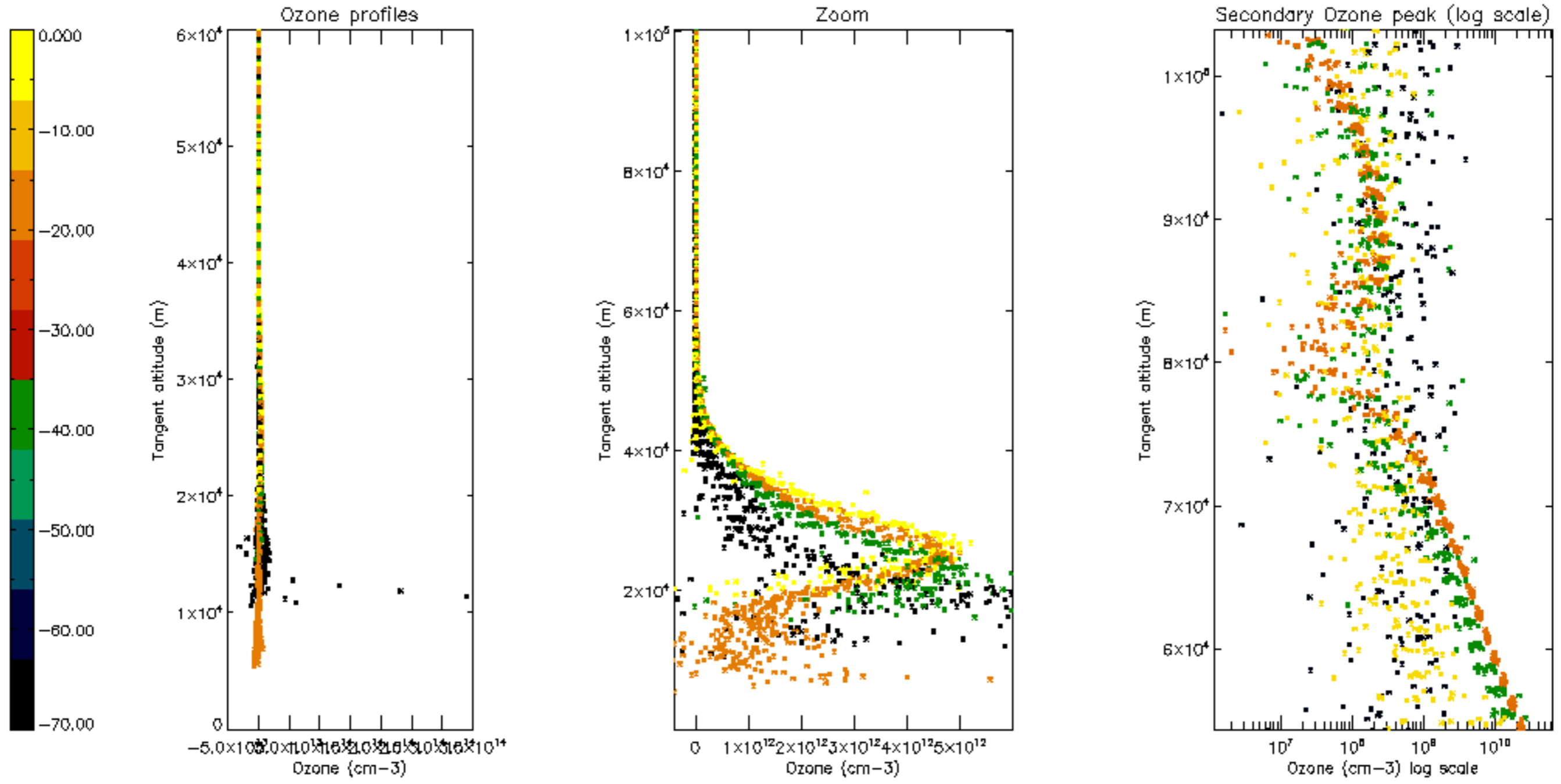


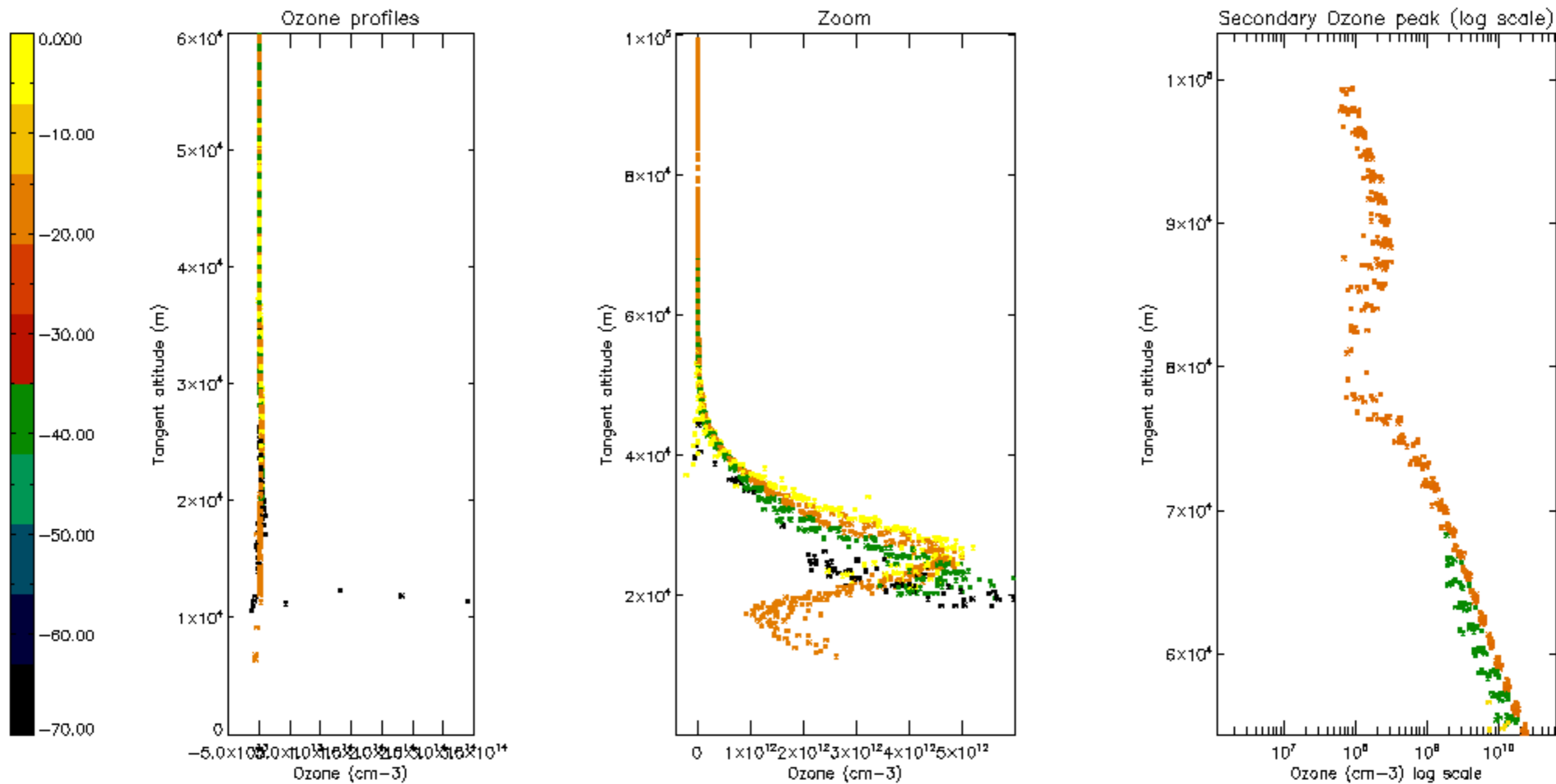
Percentage of star falling outside central band per profile

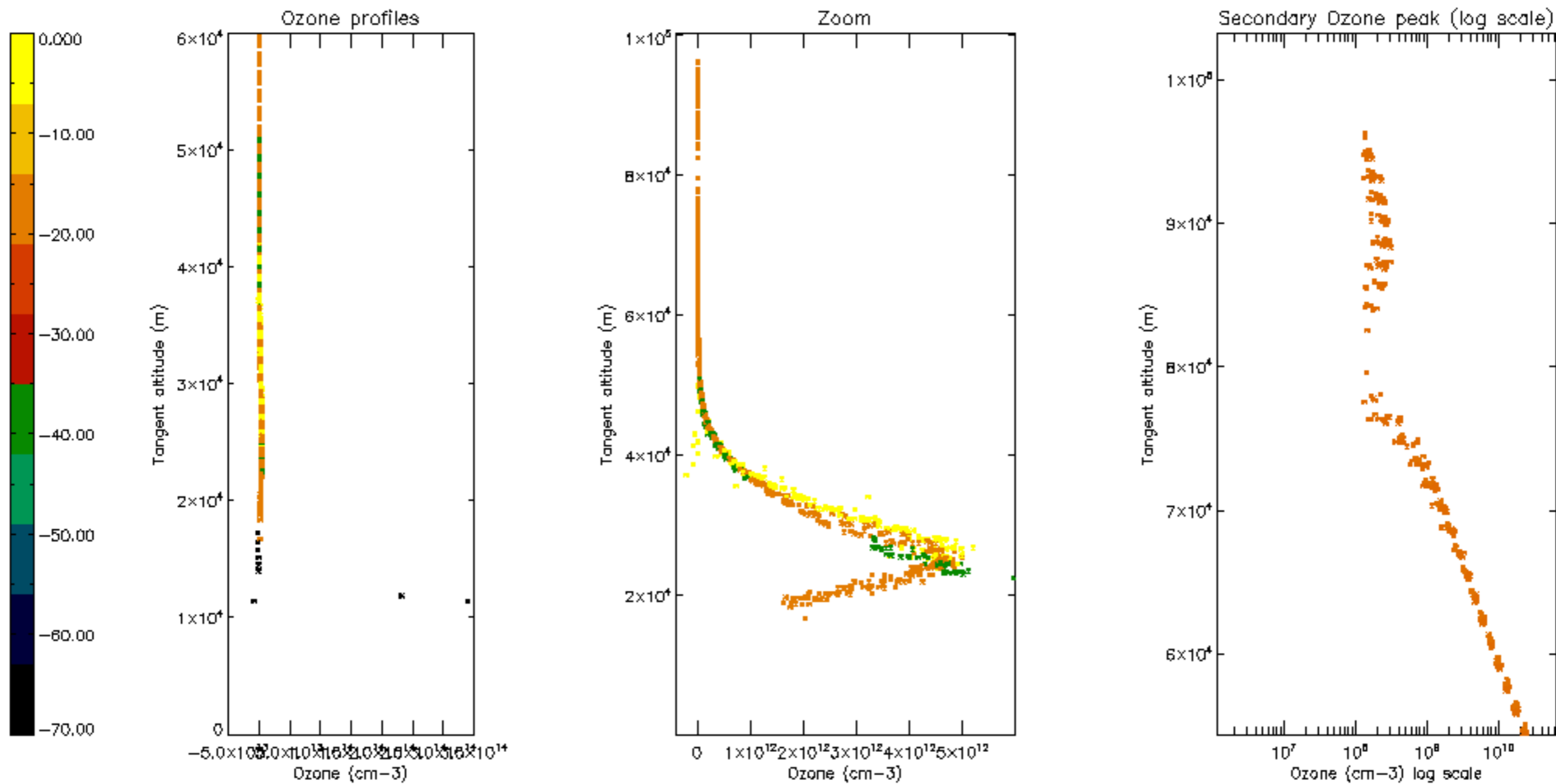


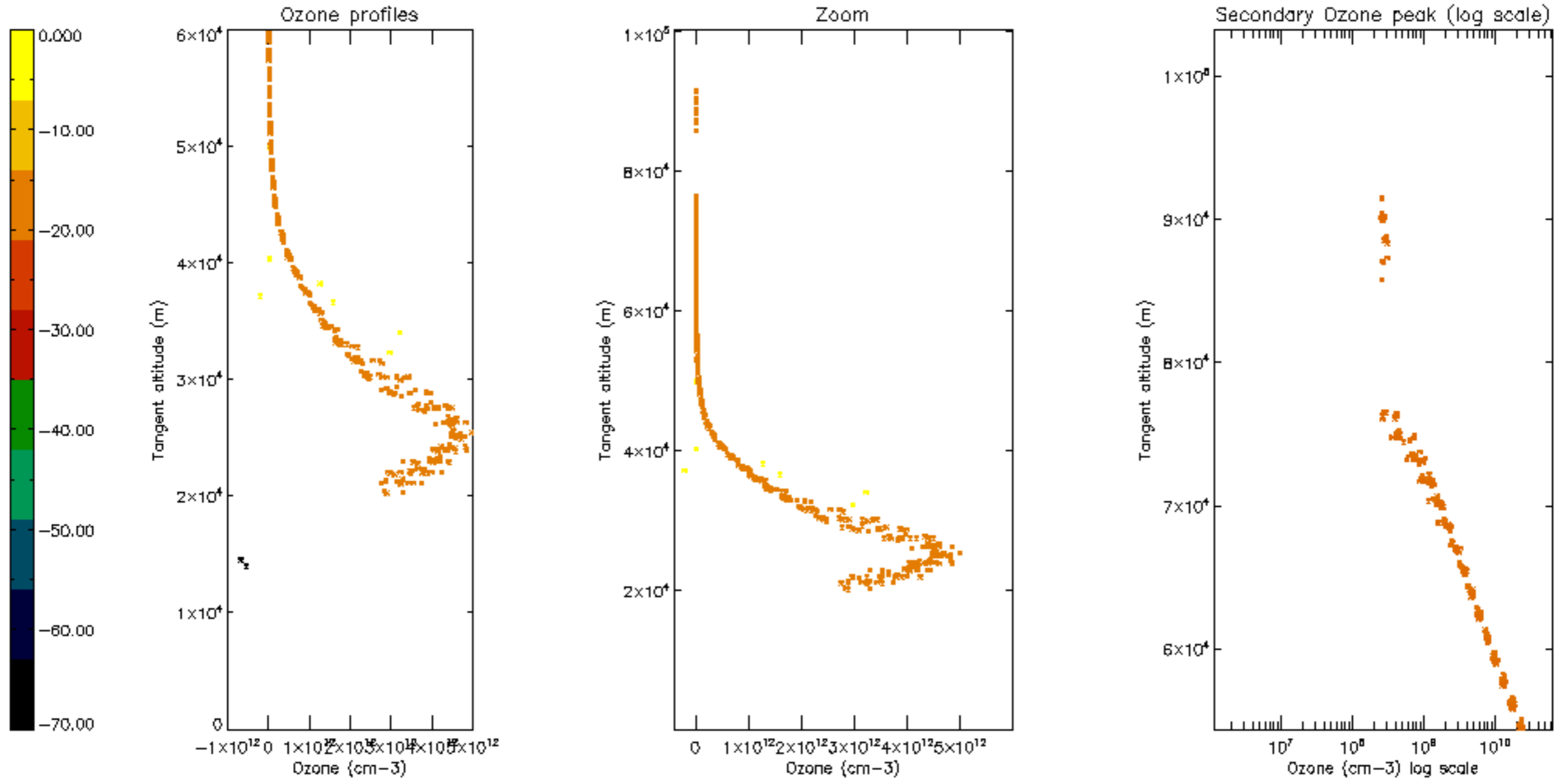
Percentage of saturation errors per profile

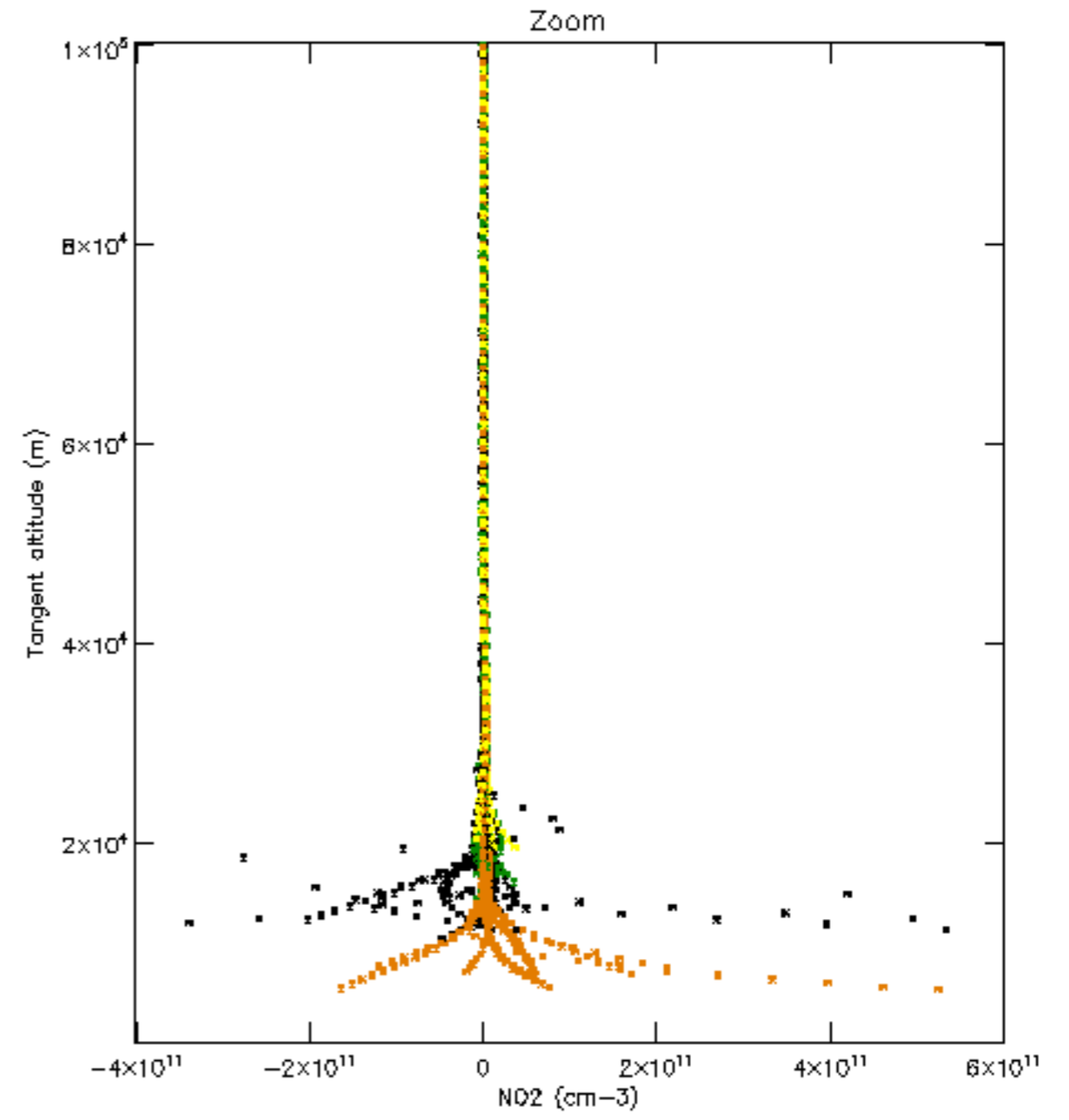
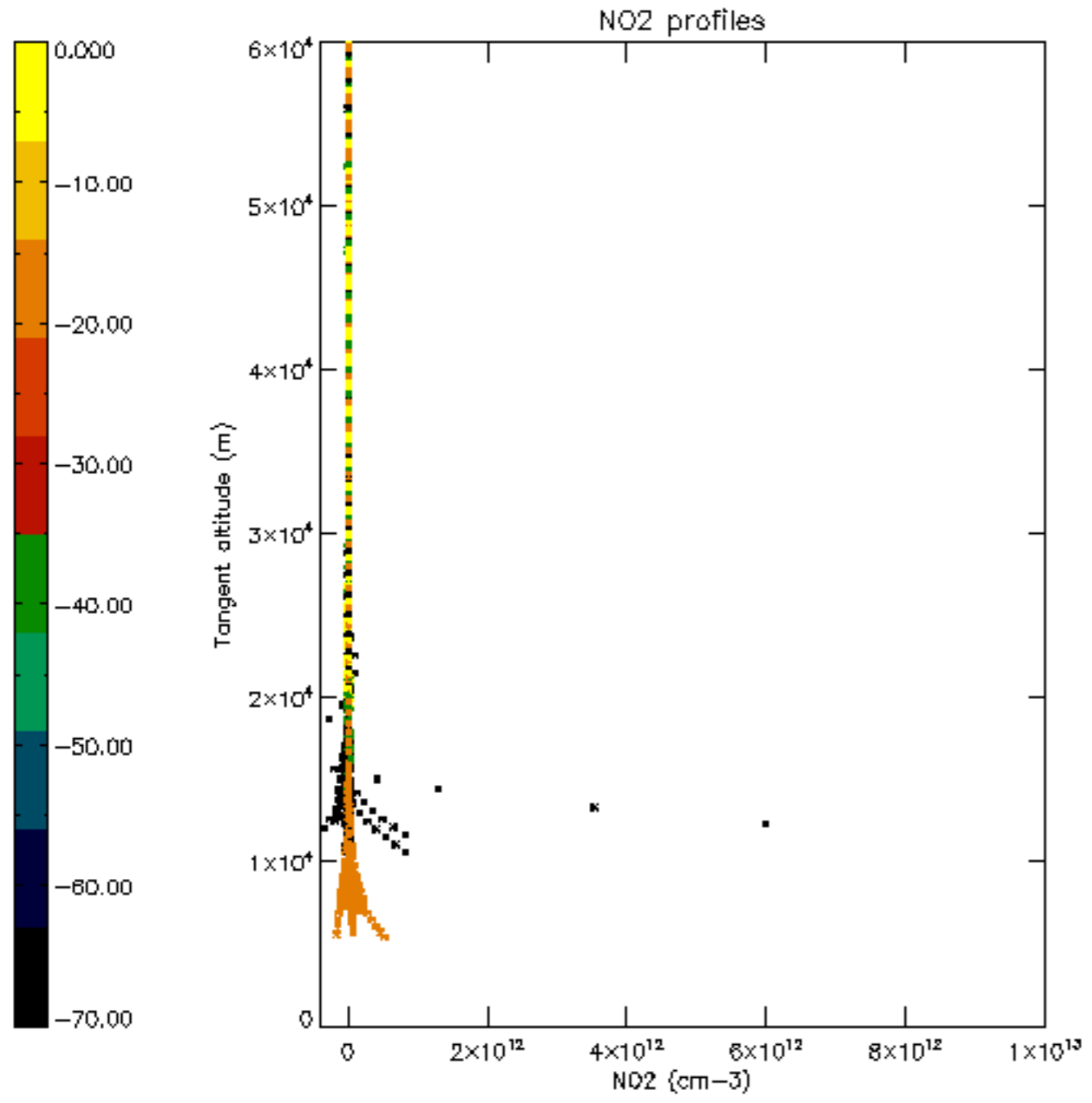


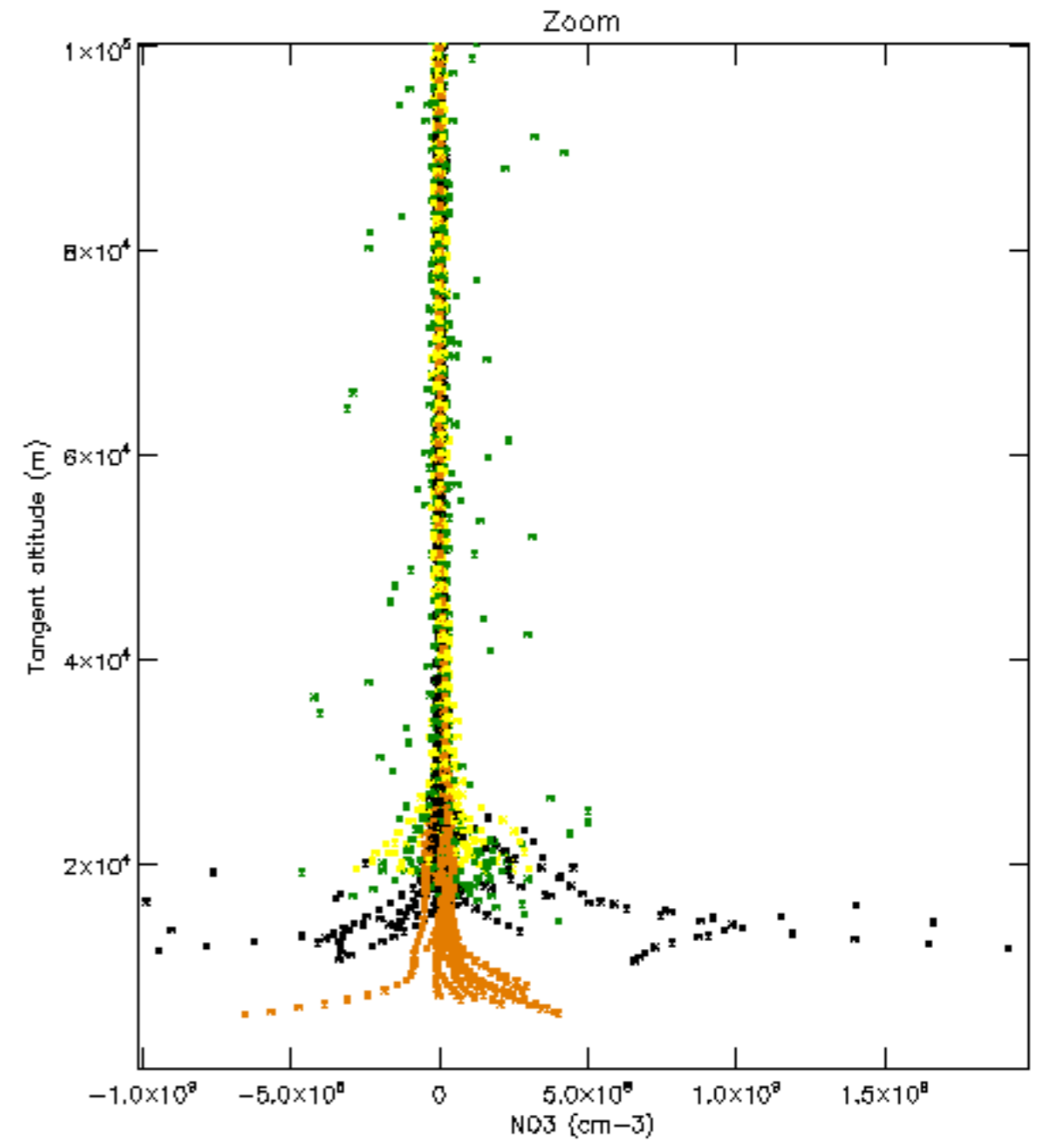
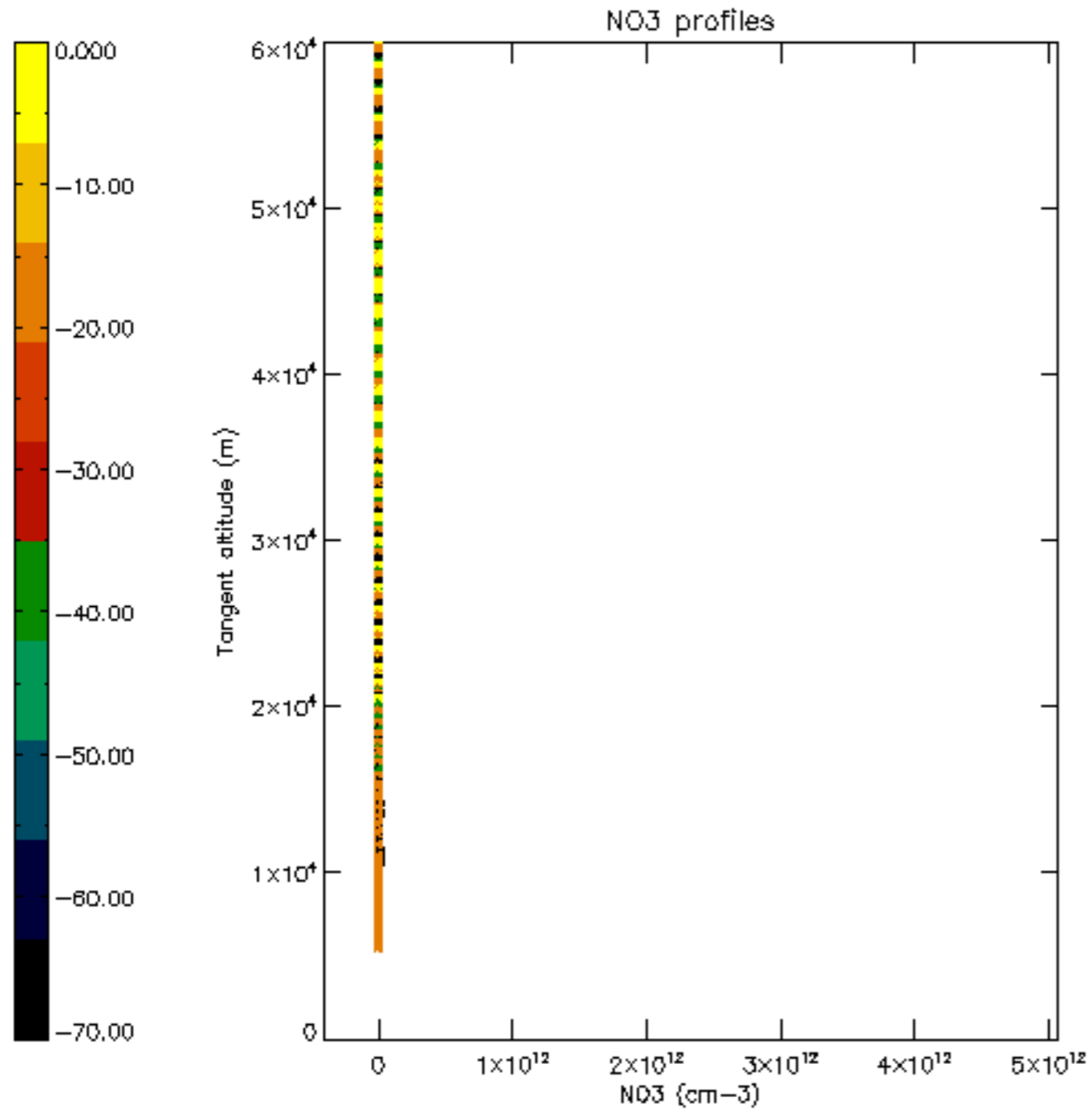


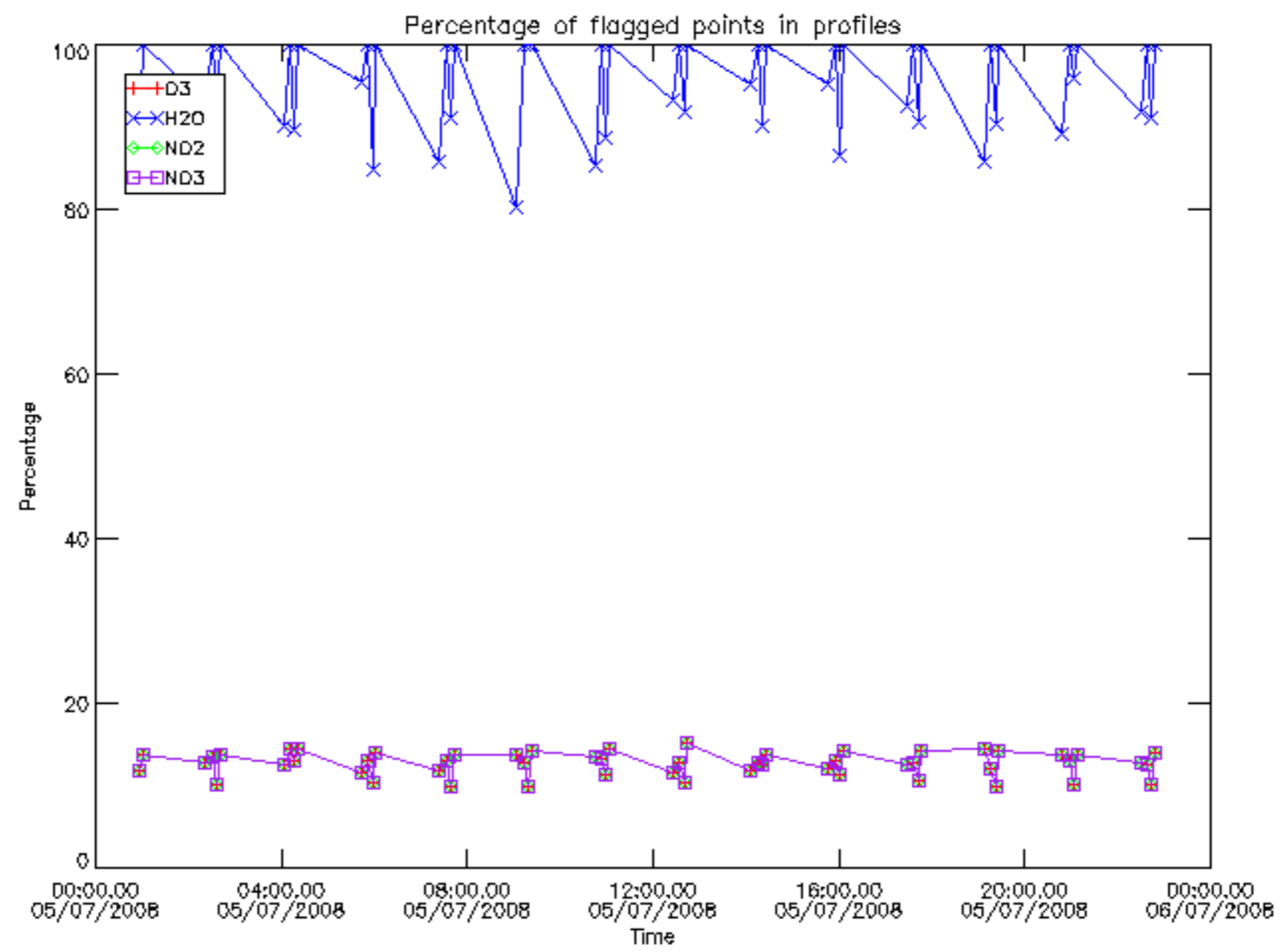




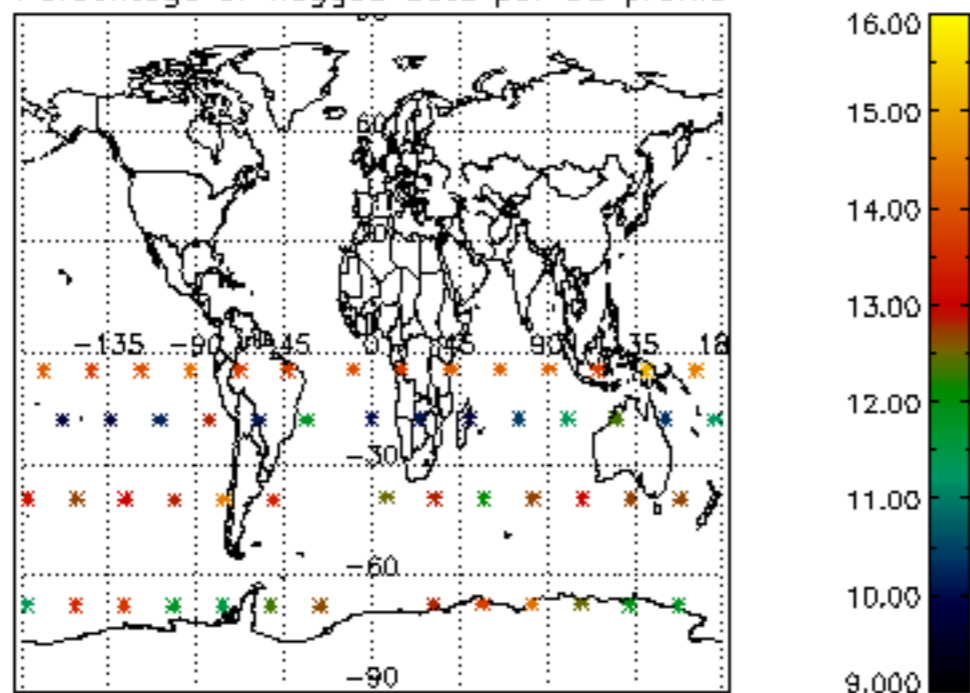




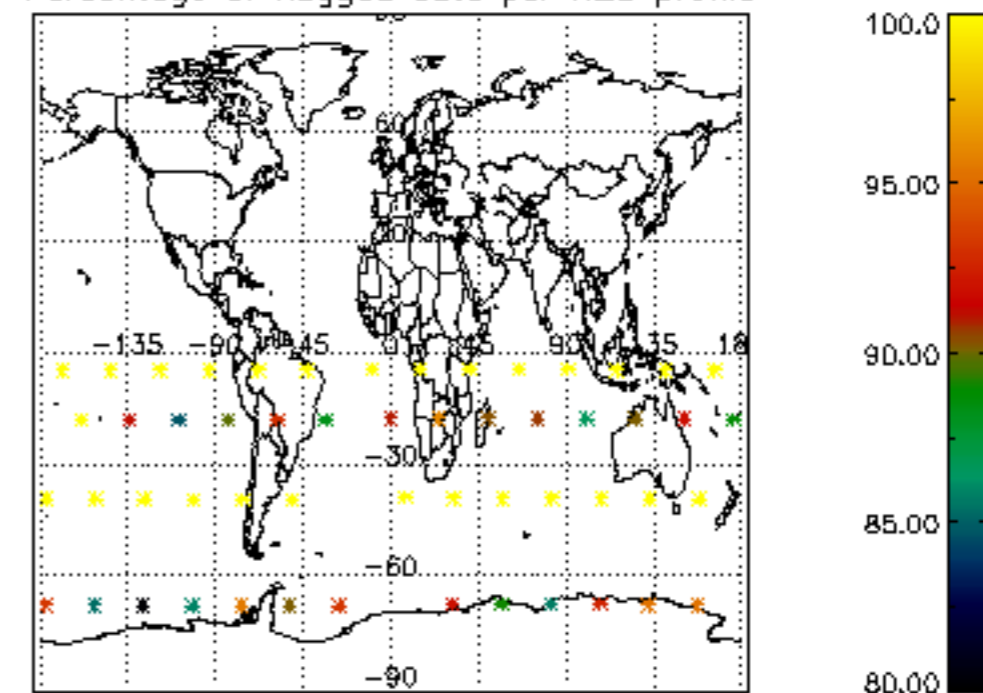




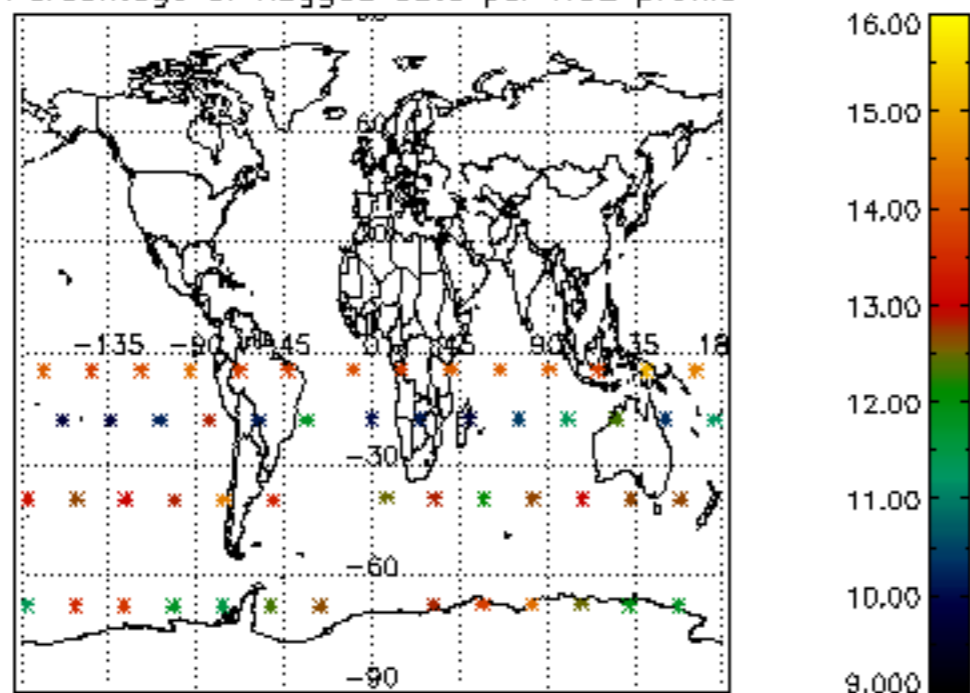
Percentage of flagged data per D3 profile



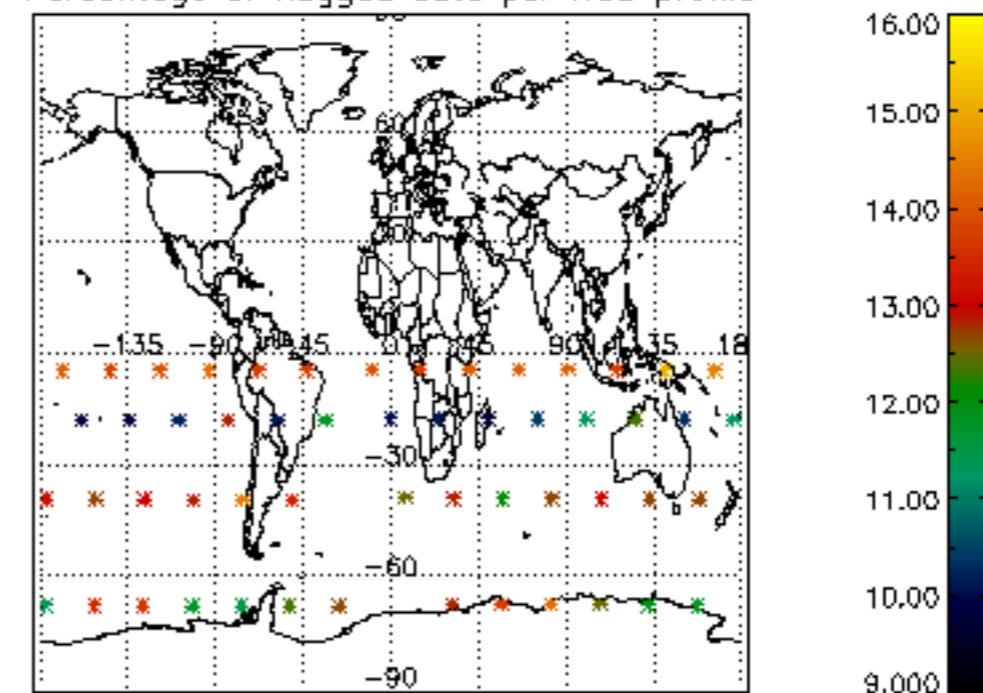
Percentage of flagged data per H2O profile

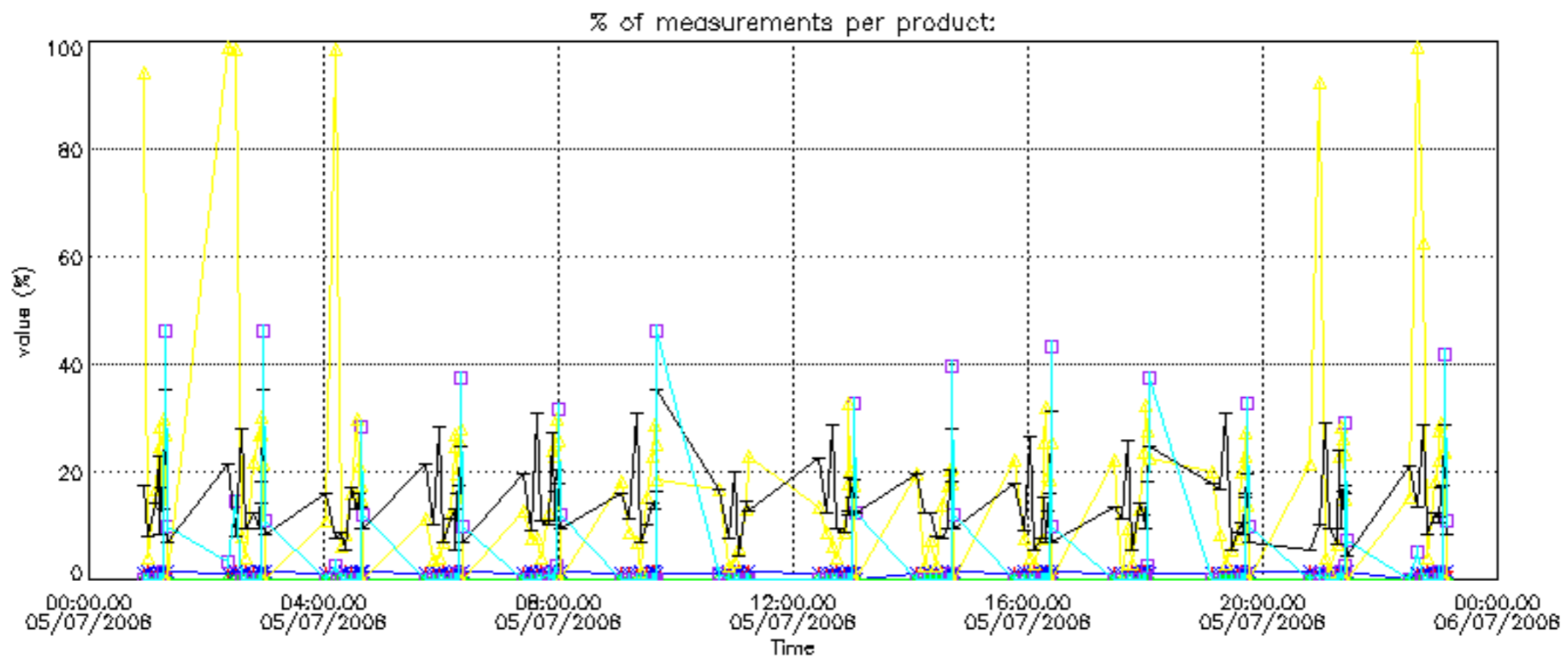


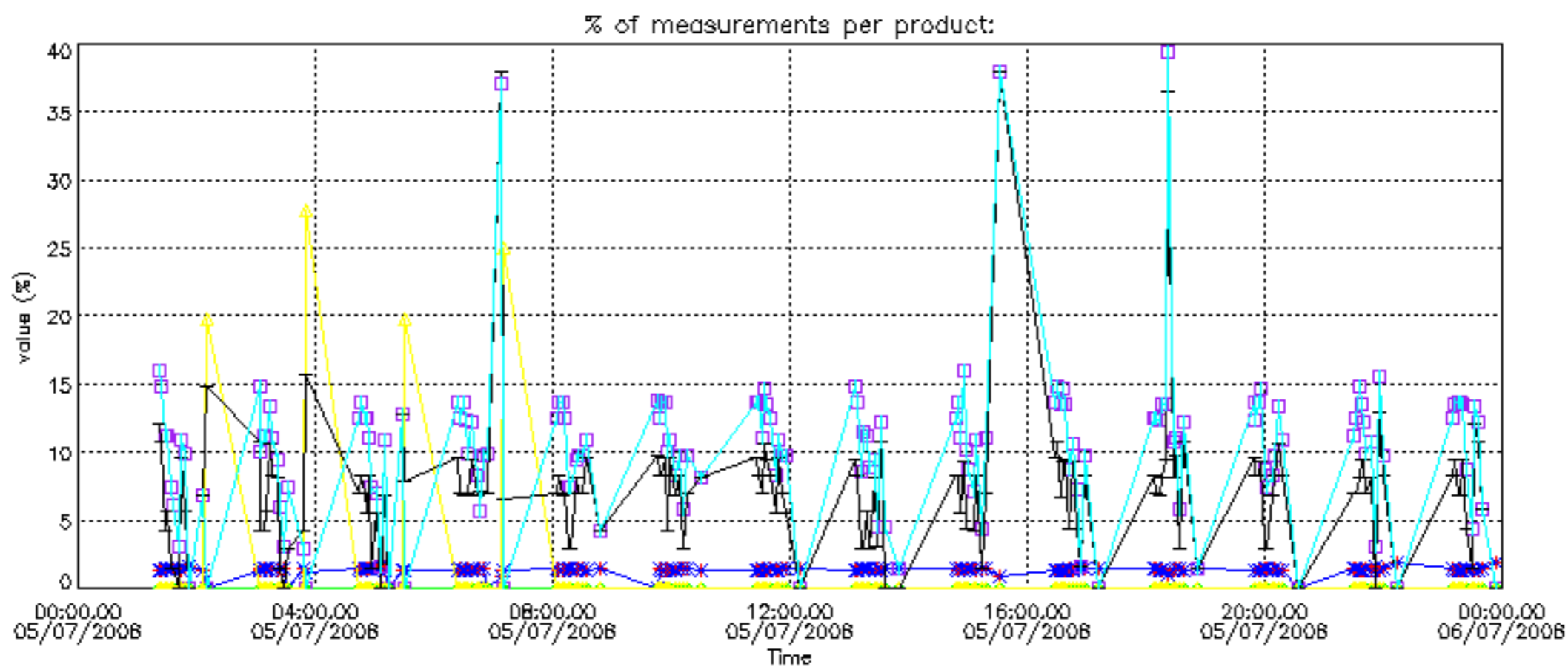
Percentage of flagged data per NO2 profile



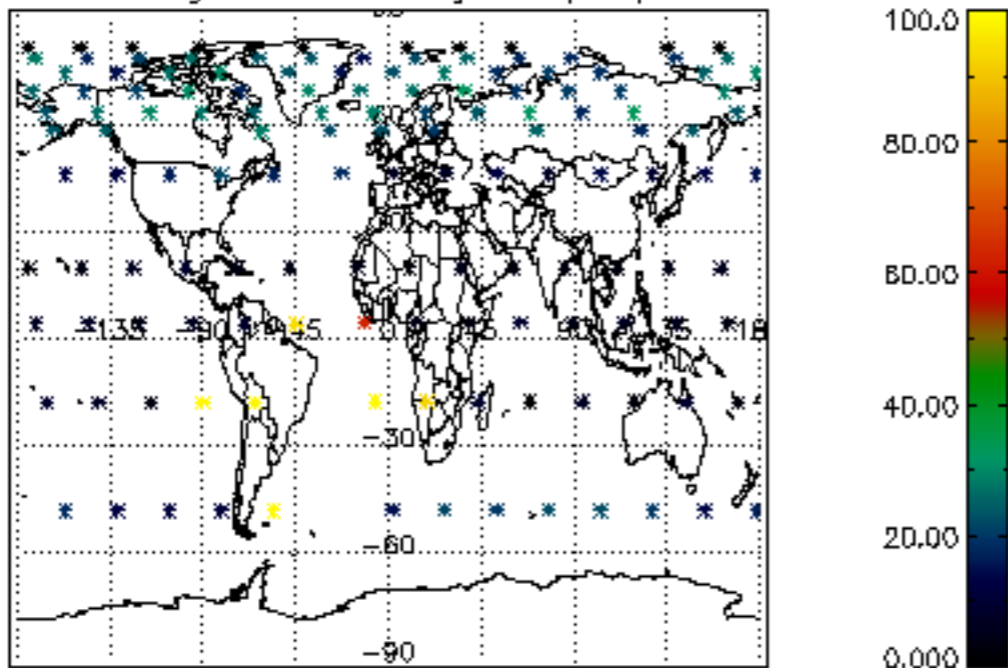
Percentage of flagged data per NO3 profile



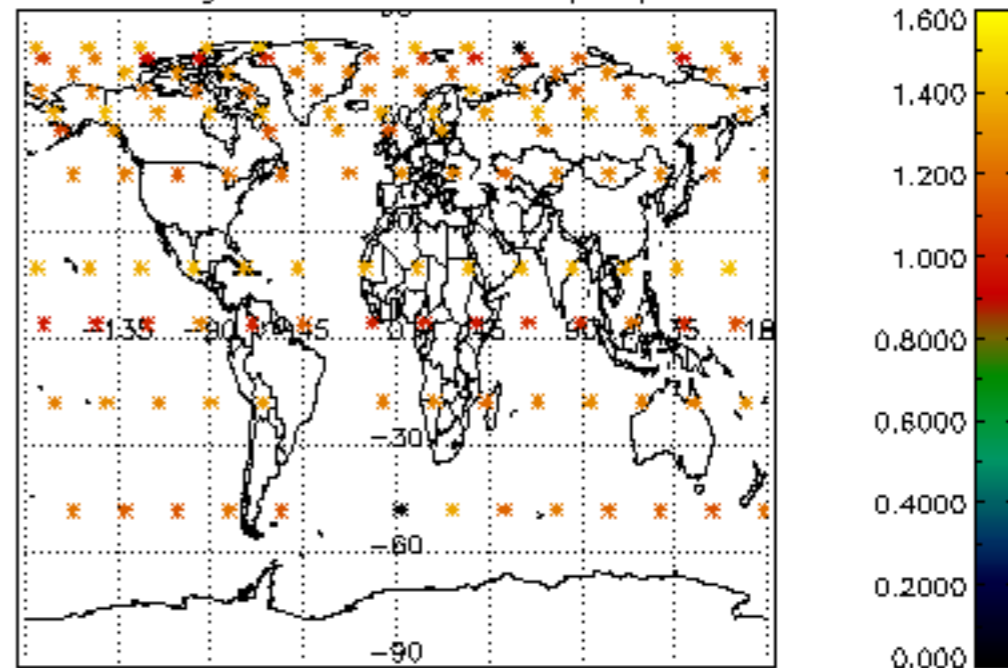




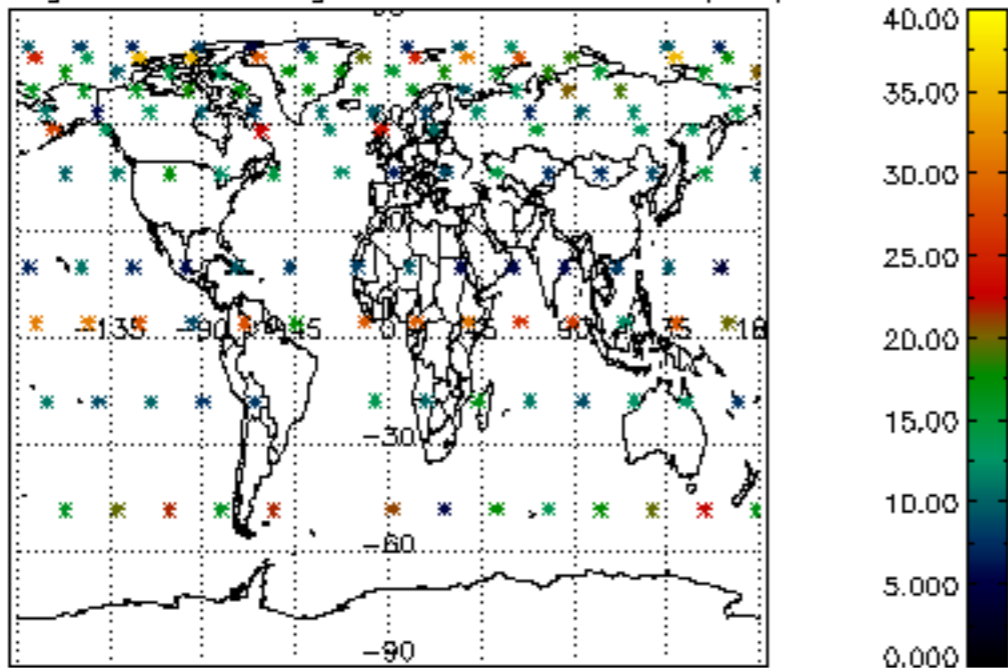
Percentage of cosmic ray hits per profile



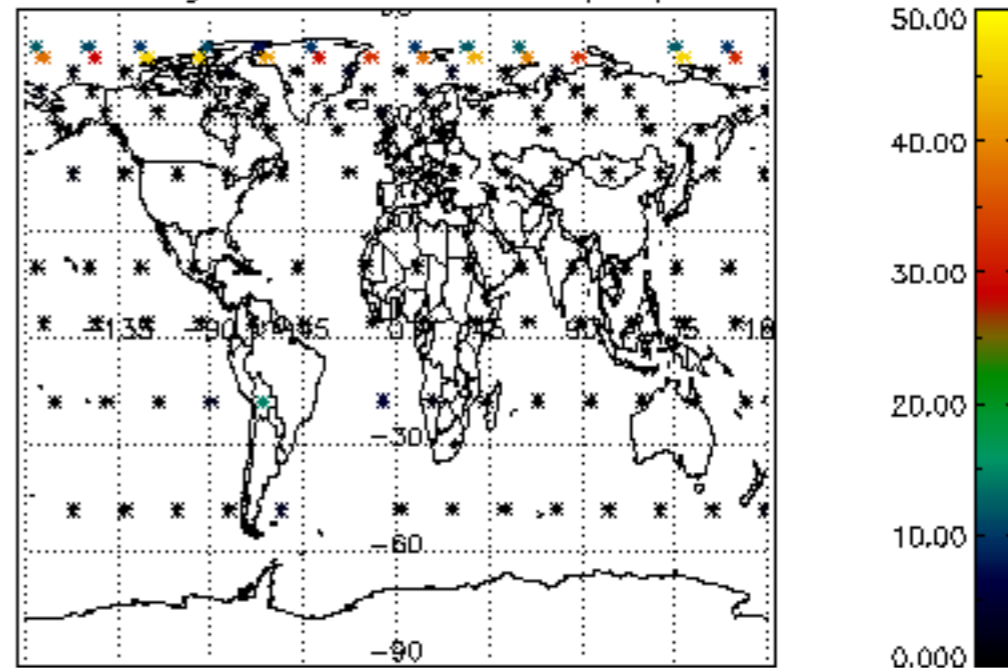
Percentage of datation errors per profile



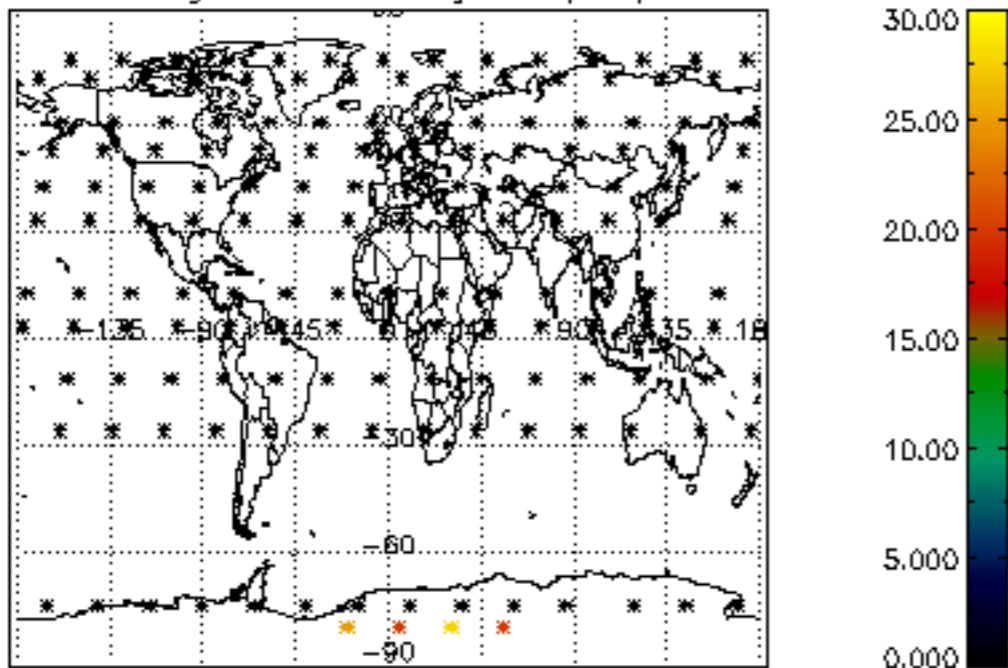
Percentage of star falling outside central band per profile



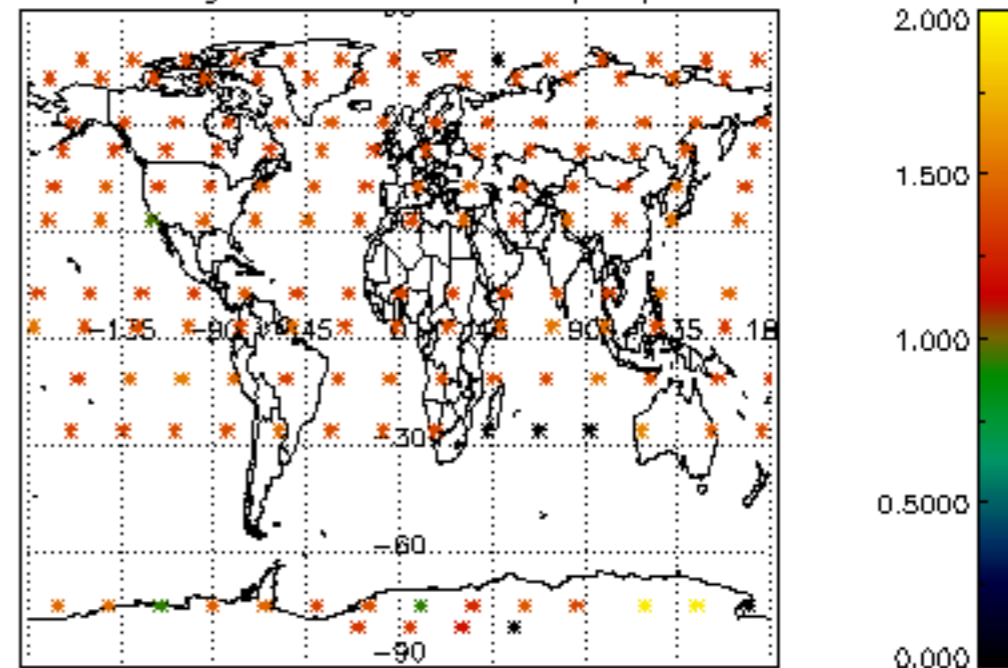
Percentage of saturation errors per profile



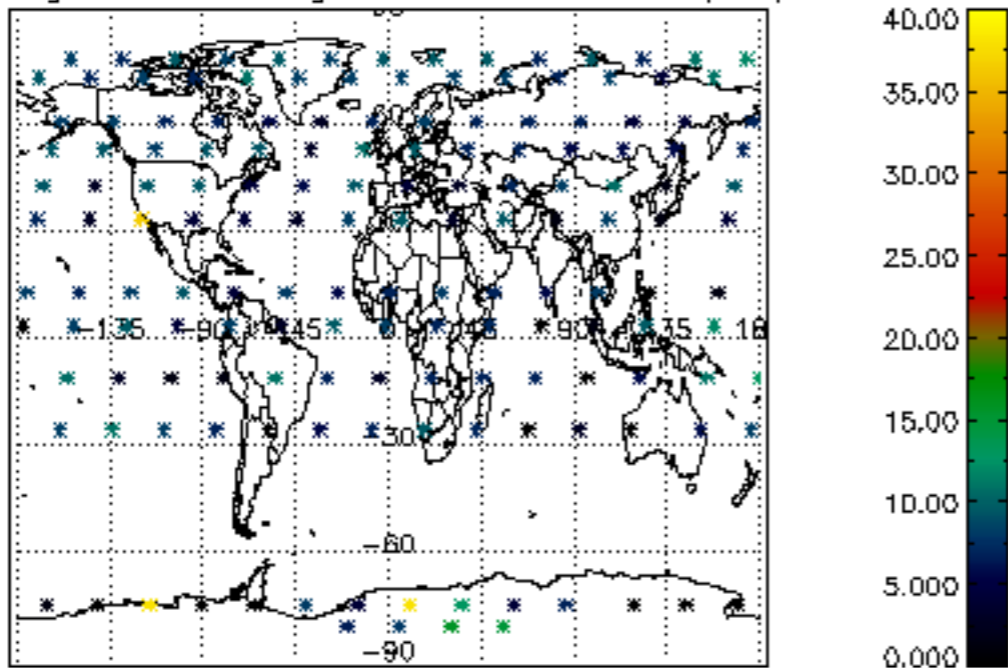
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

