

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

[2. Summary of processed GOM_NL_2P products](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM_NL__2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	24APR2013 02:03:01
Data source version	GOMOS/6.01
Start time of products	19-07-2006 (19JUL2006 00:00:00)
Stop time of products	20-07-2006 (20JUL2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	296
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__2PRFIN20060719_000308_000000402049_00317_22916_0071.N1	19-JUL-2006 00:03:08	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	22916	No
2	GOM_NL__2PRFIN20060719_001104_000000402049_00317_22916_0072.N1	19-JUL-2006 00:11:04	Twi_and_stray	39.500	38	20Eps Sgr	1.8360	11000.	79	22916	No
3	GOM_NL__2PRFIN20060719_001258_000000392049_00317_22916_0073.N1	19-JUL-2006 00:12:58	Bright	39.000	57	34Sig Sgr	2.0660	26000.	78	22916	No
4	GOM_NL__2PRFIN20060719_001420_000000392049_00317_22916_0074.N1	19-JUL-2006 00:14:20	Bright	39.000	155	41Pi Sgr	2.9000	6600.0	78	22916	No
5	GOM_NL__2PRFIN20060719_002216_000000362049_00317_22916_0075.N1	19-JUL-2006 00:22:16	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	22916	No
6	GOM_NL__2PRFIN20060719_002434_000000352049_00317_22916_0076.N1	19-JUL-2006 00:24:34	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	22916	No
7	GOM_NL__2PRFIN20060719_003150_000000432049_00317_22916_0077.N1	19-JUL-2006 00:31:50	Bright	42.500	5	3Alp Lyr	0.033000	11000.	85	22916	No
8	GOM_NL__2PRFIN20060719_003517_000000342049_00317_22916_0078.N1	19-JUL-2006 00:35:17	Bright	33.500	69	33Gam Dra	2.2310	3800.0	67	22916	No
9	GOM_NL__2PRFIN20060719_003839_000000362049_00317_22916_0079.N1	19-JUL-2006 00:38:39	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22916	No
10	GOM_NL__2PRFIN20060719_004253_000000332049_00317_22916_0080.N1	19-JUL-2006 00:42:53	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	22916	No
11	GOM_NL__2PRFIN20060719_004618_000000332049_00317_22916_0081.N1	19-JUL-2006 00:46:18	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	22916	No
12	GOM_NL__2PRFIN20060719_005846_000000372049_00317_22916_0082.N1	19-JUL-2006 00:58:46	Bright	37.000	6	13Alp Aur	0.080000	3400.0	74	22916	No
13	GOM_NL__2PRFIN20060719_010236_000000372049_00317_22916_0083.N1	19-JUL-2006 01:02:36	Bright	37.000	114	3lot Aur	2.6930	4600.0	74	22916	No
14	GOM_NL__2PRFIN20060719_010744_000000522049_00317_22916_0084.N1	19-JUL-2006 01:07:44	Twilight	52.000	13	87Alp Tau	0.86700	3800.0	104	22916	No
15	GOM_NL__2PRFIN20060719_011138_000000382049_00317_22916_0085.N1	19-JUL-2006 01:11:38	Dark	38.000	72	34Del Ori	2.2500	30000.	76	22916	No
16	GOM_NL__2PRFIN20060719_011403_000000402049_00317_22916_0086.N1	19-JUL-2006 01:14:03	Dark	39.500	7	19Bet Ori	0.10000	14000.	79	22916	No
17	GOM_NL__2PRFIN20060719_011721_000000482049_00317_22916_0087.N1	19-JUL-2006 01:17:21	Dark	48.000	165	34Gam Eri	2.9500	3200.0	96	22916	No
18	GOM_NL__2PRFIN20060719_013232_000000512049_00318_22917_0068.N1	19-JUL-2006 01:32:32	Dark	51.000	9	Alp Eri	0.45300	24000.	102	22917	No
19	GOM_NL__2PRFIN20060719_013548_000000372049_00318_22917_0069.N1	19-JUL-2006 01:35:48	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22917	No
20	GOM_NL__2PRFIN20060719_013959_000000412049_00318_22917_0070.N1	19-JUL-2006 01:39:59	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	22917	No
21	GOM_NL__2PRFIN20060719_014344_000000432049_00318_22917_0071.N1	19-JUL-2006 01:43:44	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	22917	No
22	GOM_NL__2PRFIN20060719_015140_000000412049_00318_22917_0072.N1	19-JUL-2006 01:51:40	Twi_and_stray	40.500	38	20Eps Sgr	1.8360	11000.	81	22917	No
23	GOM_NL__2PRFIN20060719_015334_000000382049_00318_22917_0073.N1	19-JUL-2006 01:53:34	Bright	38.000	57	34Sig Sgr	2.0660	26000.	76	22917	No
24	GOM_NL__2PRFIN20060719_015456_000000392049_00318_22917_0074.N1	19-JUL-2006 01:54:56	Bright	39.000	155	41Pi Sgr	2.9000	6600.0	78	22917	No
25	GOM_NL__2PRFIN20060719_020252_000000352049_00318_22917_0075.N1	19-JUL-2006 02:02:52	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	22917	No
26	GOM_NL__2PRFIN20060719_020510_000000362049_00318_22917_0076.N1	19-JUL-2006 02:05:10	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	22917	No
27	GOM_NL__2PRFIN20060719_021226_000000362049_00318_22917_0077.N1	19-JUL-2006 02:12:26	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	22917	No
28	GOM_NL__2PRFIN20060719_021553_000000362049_00318_22917_0078.N1	19-JUL-2006 02:15:53	Bright	36.000	69	33Gam Dra	2.2310	3800.0	72	22917	No
29	GOM_NL__2PRFIN20060719_021915_000000362049_00318_22917_0079.N1	19-JUL-2006 02:19:15	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22917	No
30	GOM_NL__2PRFIN20060719_022329_000000332049_00318_22917_0080.N1	19-JUL-2006 02:23:29	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	22917	No
31	GOM_NL__2PRFIN20060719_022654_000000322049_00318_22917_0081.N1	19-JUL-2006 02:26:54	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	22917	No
32	GOM_NL__2PRFIN20060719_023922_000000402049_00318_22917_0082.N1	19-JUL-2006 02:39:22	Bright	40.000	6	13Alp Aur	0.080000	3400.0	80	22917	No
33	GOM_NL__2PRFIN20060719_024312_000000392049_00318_22917_0083.N1	19-JUL-2006 02:43:12	Bright	39.000	114	3lot Aur	2.6930	4600.0	78	22917	No
34	GOM_NL__2PRFIN20060719_024820_000000552049_00318_22917_0084.N1	19-JUL-2006 02:48:20	Twilight	54.500	13	87Alp Tau	0.86700	3800.0	109	22917	No
35	GOM_NL__2PRFIN20060719_025214_000000372049_00318_22917_0085.N1	19-JUL-2006 02:52:14	Dark	37.000	72	34Del Ori	2.2500	30000.	74	22917	No
36	GOM_NL__2PRFIN20060719_025439_000000442049_00318_22917_0086.N1	19-JUL-2006 02:54:39	Dark	43.500	7	19Bet Ori	0.10000	14000.	87	22917	No
37	GOM_NL__2PRFIN20060719_025757_000000442049_00318_22917_0087.N1	19-JUL-2006 02:57:57	Dark	43.500	165	34Gam Eri	2.9500	3200.0	87	22917	No
38	GOM_NL__2PRFIN20060719_030703_000000432049_00318_22917_0088.N1	19-JUL-2006 03:07:03	Dark	42.500	157	The1Eri	2.9060	9300.0	85	22917	No
39	GOM_NL__2PRFIN20060719_031309_000000502049_00319_22918_0068.N1	19-JUL-2006 03:13:09	Dark	49.500	9	Alp Eri	0.45300	24000.	99	22918	No
40	GOM_NL__2PRFIN20060719_031625_000000372049_00319_22918_0069.N1	19-JUL-2006 03:16:25	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22918	No
41	GOM_NL__2PRFIN20060719_032035_000000442049_00319_22918_0070.N1	19-JUL-2006 03:20:35	Straylight	43.500	148	Alp Tuc	2.8780	4100.0	87	22918	No
42	GOM_NL__2PRFIN20060719_032420_000000392049_00319_22918_0071.N1	19-JUL-2006 03:24:20	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	22918	No

43	GOM_NL__2PRFIN20060719_033217_000000402049_00319_22918_0072.N1	19-JUL-2006 03:32:17	Twilight	39.500	38	20Eps Sgr	1.8360	11000.	79	22918	No
44	GOM_NL__2PRFIN20060719_033410_000000392049_00319_22918_0073.N1	19-JUL-2006 03:34:10	Bright	38.500	57	34Sig Sgr	2.0660	26000.	77	22918	No
45	GOM_NL__2PRFIN20060719_033532_000000392049_00319_22918_0074.N1	19-JUL-2006 03:35:32	Bright	39.000	155	41Pi Sgr	2.9000	6600.0	78	22918	No
46	GOM_NL__2PRFIN20060719_034328_000000352049_00319_22918_0075.N1	19-JUL-2006 03:43:28	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	22918	No
47	GOM_NL__2PRFIN20060719_034546_000000362049_00319_22918_0076.N1	19-JUL-2006 03:45:46	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	22918	No
48	GOM_NL__2PRFIN20060719_035302_000000382049_00319_22918_0077.N1	19-JUL-2006 03:53:02	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	22918	No
49	GOM_NL__2PRFIN20060719_035629_000000342049_00319_22918_0078.N1	19-JUL-2006 03:56:29	Bright	34.000	69	33Gam Dra	2.2310	3800.0	68	22918	No
50	GOM_NL__2PRFIN20060719_035952_000000332049_00319_22918_0079.N1	19-JUL-2006 03:59:52	Bright	32.500	119	14Eta Dra	2.7270	4700.0	65	22918	No
51	GOM_NL__2PRFIN20060719_040406_000000352049_00319_22918_0080.N1	19-JUL-2006 04:04:06	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	22918	No
52	GOM_NL__2PRFIN20060719_040730_000000352049_00319_22918_0081.N1	19-JUL-2006 04:07:30	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	22918	No
53	GOM_NL__2PRFIN20060719_041958_000000382049_00319_22918_0082.N1	19-JUL-2006 04:19:58	Bright	37.500	6	13Alp Aur	0.080000	3400.0	75	22918	No
54	GOM_NL__2PRFIN20060719_042349_000000392049_00319_22918_0083.N1	19-JUL-2006 04:23:49	Bright	39.000	114	3Iot Aur	2.6930	4600.0	78	22918	No
55	GOM_NL__2PRFIN20060719_042856_000000472049_00319_22918_0084.N1	19-JUL-2006 04:28:56	Twilight	46.500	13	87Alp Tau	0.86700	3800.0	93	22918	No
56	GOM_NL__2PRFIN20060719_043250_000000372049_00319_22918_0085.N1	19-JUL-2006 04:32:50	Dark	36.500	72	34Del Ori	2.2500	30000.	73	22918	No
57	GOM_NL__2PRFIN20060719_043515_000000402049_00319_22918_0086.N1	19-JUL-2006 04:35:15	Dark	40.000	7	19Bet Ori	0.10000	14000.	80	22918	No
58	GOM_NL__2PRFIN20060719_043834_000000472049_00319_22918_0087.N1	19-JUL-2006 04:38:34	Dark	46.500	165	34Gam Eri	2.9500	3200.0	93	22918	No
59	GOM_NL__2PRFIN20060719_044740_000000422049_00319_22918_0088.N1	19-JUL-2006 04:47:40	Dark	41.500	157	The1Eri	2.9060	9300.0	83	22918	No
60	GOM_NL__2PRFIN20060719_045345_000000442049_00320_22919_0088.N1	19-JUL-2006 04:53:45	Dark	44.000	9	Alp Eri	0.45300	24000.	88	22919	No
61	GOM_NL__2PRFIN20060719_045701_000000372049_00320_22919_0089.N1	19-JUL-2006 04:57:01	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22919	No
62	GOM_NL__2PRFIN20060719_050112_000000432049_00320_22919_0090.N1	19-JUL-2006 05:01:12	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	22919	No
63	GOM_NL__2PRFIN20060719_050457_000000402049_00320_22919_0091.N1	19-JUL-2006 05:04:57	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	22919	No
64	GOM_NL__2PRFIN20060719_051253_000000432049_00320_22919_0092.N1	19-JUL-2006 05:12:53	Twilight	42.500	38	20Eps Sgr	1.8360	11000.	85	22919	No
65	GOM_NL__2PRFIN20060719_051447_000000392049_00320_22919_0093.N1	19-JUL-2006 05:14:47	Bright	39.000	57	34Sig Sgr	2.0660	26000.	78	22919	No
66	GOM_NL__2PRFIN20060719_051608_000000392049_00320_22919_0094.N1	19-JUL-2006 05:16:08	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	22919	No
67	GOM_NL__2PRFIN20060719_052405_000000352049_00320_22919_0095.N1	19-JUL-2006 05:24:05	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	22919	No
68	GOM_NL__2PRFIN20060719_052622_000000342049_00320_22919_0096.N1	19-JUL-2006 05:26:22	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	22919	No
69	GOM_NL__2PRFIN20060719_053338_000000412049_00320_22919_0097.N1	19-JUL-2006 05:33:38	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	22919	No
70	GOM_NL__2PRFIN20060719_053705_000000372049_00320_22919_0098.N1	19-JUL-2006 05:37:05	Bright	36.500	69	33Gam Dra	2.2310	3800.0	73	22919	No
71	GOM_NL__2PRFIN20060719_054028_000000362049_00320_22919_0099.N1	19-JUL-2006 05:40:28	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22919	No
72	GOM_NL__2PRFIN20060719_054442_000000522049_00320_22919_0100.N1	19-JUL-2006 05:44:42	Bright	52.000	60	7Bet UMi	2.0810	3950.0	104	22919	No
73	GOM_NL__2PRFIN20060719_054805_000000352049_00320_22919_0101.N1	19-JUL-2006 05:48:05	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	22919	No
74	GOM_NL__2PRFIN20060719_060034_000000382049_00320_22919_0102.N1	19-JUL-2006 06:00:34	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	22919	No
75	GOM_NL__2PRFIN20060719_060425_000000382049_00320_22919_0103.N1	19-JUL-2006 06:04:25	Bright	38.000	114	3Iot Aur	2.6930	4600.0	76	22919	No
76	GOM_NL__2PRFIN20060719_060933_000000472049_00320_22919_0104.N1	19-JUL-2006 06:09:33	Twilight	47.000	13	87Alp Tau	0.86700	3800.0	94	22919	No
77	GOM_NL__2PRFIN20060719_061326_000000372049_00320_22919_0105.N1	19-JUL-2006 06:13:26	Dark	37.000	72	34Del Ori	2.2500	30000.	74	22919	No
78	GOM_NL__2PRFIN20060719_061551_000000432049_00320_22919_0106.N1	19-JUL-2006 06:15:51	Dark	42.500	7	19Bet Ori	0.10000	14000.	85	22919	No
79	GOM_NL__2PRFIN20060719_061910_000000502049_00320_22919_0107.N1	19-JUL-2006 06:19:10	Dark	50.000	165	34Gam Eri	2.9500	3200.0	100	22919	No
80	GOM_NL__2PRFIN20060719_062817_000000412049_00320_22919_0108.N1	19-JUL-2006 06:28:17	Dark	40.500	157	The1Eri	2.9060	9300.0	81	22919	No
81	GOM_NL__2PRFIN20060719_063422_000000552049_00321_22920_0088.N1	19-JUL-2006 06:34:22	Dark	54.500	9	Alp Eri	0.45300	24000.	109	22920	No
82	GOM_NL__2PRFIN20060719_063737_000000362049_00321_22920_0089.N1	19-JUL-2006 06:37:37	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	22920	No
83	GOM_NL__2PRFIN20060719_064148_000000432049_00321_22920_0090.N1	19-JUL-2006 06:41:48	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	22920	No
84	GOM_NL__2PRFIN20060719_064533_000000392049_00321_22920_0091.N1	19-JUL-2006 06:45:33	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	22920	No
85	GOM_NL__2PRFIN20060719_065329_000000432049_00321_22920_0092.N1	19-JUL-2006 06:53:29	Twilight	42.500	38	20Eps Sgr	1.8360	11000.	85	22920	No
86	GOM_NL__2PRFIN20060719_065523_000000402049_00321_22920_0093.N1	19-JUL-2006 06:55:23	Bright	39.500	57	34Sig Sgr	2.0660	26000.	79	22920	No
87	GOM_NL__2PRFIN20060719_065644_000000392049_00321_22920_0094.N1	19-JUL-2006 06:56:44	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	22920	No
88	GOM_NL__2PRFIN20060719_070441_000000352049_00321_22920_0095.N1	19-JUL-2006 07:04:41	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	22920	No
89	GOM_NL__2PRFIN20060719_070658_000000372049_00321_22920_0096.N1	19-JUL-2006 07:06:58	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	22920	No
90	GOM_NL__2PRFIN20060719_071413_000000382049_00321_22920_0097.N1	19-JUL-2006 07:14:13	Bright	37.500	5	3Alp Lyr	0.033000	11000.	75	22920	No
91	GOM_NL__2PRFIN20060719_071741_000000372049_00321_22920_0098.N1	19-JUL-2006 07:17:41	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	22920	No
92	GOM_NL__2PRFIN20060719_072104_000000352049_00321_22920_0099.N1	19-JUL-2006 07:21:04	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	22920	No
93	GOM_NL__2PRFIN20060719_072518_000000372049_00321_22920_0100.N1	19-JUL-2006 07:25:18	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	22920	No
94	GOM_NL__2PRFIN20060719_072842_000000352049_00321_22920_0101.N1	19-JUL-2006 07:28:42	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	22920	No
95	GOM_NL__2PRFIN20060719_074110_000000382049_00321_22920_0102.N1	19-JUL-2006 07:41:10	Bright	37.500	6	13Alp Aur	0.080000	3400.0	75	22920	No
96	GOM_NL__2PRFIN20060719_074501_000000522049_00321_22920_0103.N1	19-JUL-2006 07:45:01	Bright	51.500	114	3Iot Aur	2.6930	4600.0	103	22920	No
97	GOM_NL__2PRFIN20060719_075009_000000502049_00321_22920_0104.N1	19-JUL-2006 07:50:09	Twilight	50.000	13	87Alp Tau	0.86700	3800.0	100	22920	No
98	GOM_NL__2PRFIN20060719_075403_000000382049_00321_22920_0105.N1	19-JUL-2006 07:54:03	Dark	38.000	72	34Del Ori	2.2500	30000.	76	22920	No
99	GOM_NL__2PRFIN20060719_075628_000000362049_00321_22920_0106.N1	19-JUL-2006 07:56:28	Dark	36.000	7	19Bet Ori	0.10000	14000.	72	22920	No
100	GOM_NL__2PRFIN20060719_075947_000000492049_00321_22920_0107.N1	19-JUL-2006 07:59:47	Dark	49.000	165	34Gam Eri	2.9500	3200.0	98	22920	No
101	GOM_NL__2PRFIN20060719_080853_000000432049_00321_22920_0108.N1	19-JUL-2006 08:08:53	Dark	42.500	157	The1Eri	2.9060	9300.0	85	22920	No

102	GOM_NL__2PRFIN20060719_081459_00000522049_00322_22921_0088.N1	19-JUL-2006 08:14:59	Dark	51.500	9	Alp Eri	0.45300	24000.	103	22921	No
103	GOM_NL__2PRFIN20060719_081813_00000372049_00322_22921_0089.N1	19-JUL-2006 08:18:13	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22921	No
104	GOM_NL__2PRFIN20060719_082225_00000422049_00322_22921_0090.N1	19-JUL-2006 08:22:25	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	22921	No
105	GOM_NL__2PRFIN20060719_082609_00000392049_00322_22921_0091.N1	19-JUL-2006 08:26:09	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	22921	No
106	GOM_NL__2PRFIN20060719_083405_00000432049_00322_22921_0092.N1	19-JUL-2006 08:34:05	Tw_i_and_stray	42.500	38	20Eps Sgr	1.8360	11000.	85	22921	No
107	GOM_NL__2PRFIN20060719_083559_00000392049_00322_22921_0093.N1	19-JUL-2006 08:35:59	Bright	38.500	57	34Sig Sgr	2.0660	26000.	77	22921	No
108	GOM_NL__2PRFIN20060719_083720_00000382049_00322_22921_0094.N1	19-JUL-2006 08:37:20	Bright	38.000	155	41Pi Sgr	2.9000	6600.0	76	22921	No
109	GOM_NL__2PRFIN20060719_084517_00000352049_00322_22921_0095.N1	19-JUL-2006 08:45:17	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	22921	No
110	GOM_NL__2PRFIN20060719_084735_00000352049_00322_22921_0096.N1	19-JUL-2006 08:47:35	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	22921	No
111	GOM_NL__2PRFIN20060719_085449_00000402049_00322_22921_0097.N1	19-JUL-2006 08:54:49	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	22921	No
112	GOM_NL__2PRFIN20060719_085816_00000362049_00322_22921_0098.N1	19-JUL-2006 08:58:16	Bright	36.000	69	33Gam Dra	2.2310	3800.0	72	22921	No
113	GOM_NL__2PRFIN20060719_090140_00000362049_00322_22921_0099.N1	19-JUL-2006 09:01:40	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22921	No
114	GOM_NL__2PRFIN20060719_090554_00000352049_00322_22921_0100.N1	19-JUL-2006 09:05:54	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	22921	No
115	GOM_NL__2PRFIN20060719_090917_00000352049_00322_22921_0101.N1	19-JUL-2006 09:09:17	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	22921	No
116	GOM_NL__2PRFIN20060719_092146_00000532049_00322_22921_0102.N1	19-JUL-2006 09:21:46	Bright	53.000	6	13Alp Aur	0.080000	3400.0	106	22921	No
117	GOM_NL__2PRFIN20060719_092537_00000392049_00322_22921_0103.N1	19-JUL-2006 09:25:37	Bright	39.000	114	3lot Aur	2.6930	4600.0	78	22921	No
118	GOM_NL__2PRFIN20060719_093045_00000472049_00322_22921_0104.N1	19-JUL-2006 09:30:45	Twilight	47.000	13	87Alp Tau	0.86700	3800.0	94	22921	No
119	GOM_NL__2PRFIN20060719_093439_00000372049_00322_22921_0105.N1	19-JUL-2006 09:34:39	Dark	37.000	72	34Del Ori	2.2500	30000.	74	22921	No
120	GOM_NL__2PRFIN20060719_093704_00000412049_00322_22921_0106.N1	19-JUL-2006 09:37:04	Dark	40.500	7	19Bet Ori	0.10000	14000.	81	22921	No
121	GOM_NL__2PRFIN20060719_094023_00000472049_00322_22921_0107.N1	19-JUL-2006 09:40:23	Dark	47.000	165	34Gam Eri	2.9500	3200.0	94	22921	No
122	GOM_NL__2PRFIN20060719_094930_00000462049_00322_22921_0108.N1	19-JUL-2006 09:49:30	Dark	46.000	157	The1Eri	2.9060	9300.0	92	22921	No
123	GOM_NL__2PRFIN20060719_095535_00000502049_00323_22922_0088.N1	19-JUL-2006 09:55:35	Dark	50.000	9	Alp Eri	0.45300	24000.	100	22922	No
124	GOM_NL__2PRFIN20060719_095849_00000382049_00323_22922_0089.N1	19-JUL-2006 09:58:49	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	22922	No
125	GOM_NL__2PRFIN20060719_100301_00000442049_00323_22922_0090.N1	19-JUL-2006 10:03:01	Straylight	44.000	148	Alp Tuc	2.8780	4100.0	88	22922	No
126	GOM_NL__2PRFIN20060719_100646_00000412049_00323_22922_0091.N1	19-JUL-2006 10:06:46	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	22922	No
127	GOM_NL__2PRFIN20060719_101441_00000412049_00323_22922_0092.N1	19-JUL-2006 10:14:41	Tw_i_and_stray	41.000	38	20Eps Sgr	1.8360	11000.	82	22922	No
128	GOM_NL__2PRFIN20060719_101635_00000392049_00323_22922_0093.N1	19-JUL-2006 10:16:35	Bright	38.500	57	34Sig Sgr	2.0660	26000.	77	22922	No
129	GOM_NL__2PRFIN20060719_101756_00000382049_00323_22922_0094.N1	19-JUL-2006 10:17:56	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	22922	No
130	GOM_NL__2PRFIN20060719_102553_00000372049_00323_22922_0095.N1	19-JUL-2006 10:25:53	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	22922	No
131	GOM_NL__2PRFIN20060719_102811_00000372049_00323_22922_0096.N1	19-JUL-2006 10:28:11	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	22922	No
132	GOM_NL__2PRFIN20060719_103525_00000372049_00323_22922_0097.N1	19-JUL-2006 10:35:25	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	22922	No
133	GOM_NL__2PRFIN20060719_103852_00000392049_00323_22922_0098.N1	19-JUL-2006 10:38:52	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	22922	No
134	GOM_NL__2PRFIN20060719_104216_00000362049_00323_22922_0099.N1	19-JUL-2006 10:42:16	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22922	No
135	GOM_NL__2PRFIN20060719_104630_00000352049_00323_22922_0100.N1	19-JUL-2006 10:46:30	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	22922	No
136	GOM_NL__2PRFIN20060719_104953_00000362049_00323_22922_0101.N1	19-JUL-2006 10:49:53	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	22922	No
137	GOM_NL__2PRFIN20060719_110222_00000372049_00323_22922_0102.N1	19-JUL-2006 11:02:22	Bright	36.500	6	13Alp Aur	0.080000	3400.0	73	22922	No
138	GOM_NL__2PRFIN20060719_110613_00000392049_00323_22922_0103.N1	19-JUL-2006 11:06:13	Bright	38.500	114	3lot Aur	2.6930	4600.0	77	22922	No
139	GOM_NL__2PRFIN20060719_111121_00000472049_00323_22922_0104.N1	19-JUL-2006 11:11:21	Twilight	46.500	13	87Alp Tau	0.86700	3800.0	93	22922	No
140	GOM_NL__2PRFIN20060719_111527_00000362049_00323_22922_0105.N1	19-JUL-2006 11:15:27	Dark	35.500	30	46Eps Ori	1.6940	30000.	71	22922	No
141	GOM_NL__2PRFIN20060719_111645_00000332049_00323_22922_0106.N1	19-JUL-2006 11:16:45	Dark	33.000	125	44lot Ori	2.7700	30000.	66	22922	No
142	GOM_NL__2PRFIN20060719_111740_00000422049_00323_22922_0107.N1	19-JUL-2006 11:17:40	Dark	42.000	7	19Bet Ori	0.10000	14000.	84	22922	No
143	GOM_NL__2PRFIN20060719_112100_00000442049_00323_22922_0108.N1	19-JUL-2006 11:21:00	Dark	44.000	165	34Gam Eri	2.9500	3200.0	88	22922	No
144	GOM_NL__2PRFIN20060719_113007_00000432049_00323_22922_0109.N1	19-JUL-2006 11:30:07	Dark	43.000	157	The1Eri	2.9060	9300.0	86	22922	No
145	GOM_NL__2PRFIN20060719_113612_00000452049_00324_22923_0088.N1	19-JUL-2006 11:36:12	Dark	44.500	9	Alp Eri	0.45300	24000.	89	22923	No
146	GOM_NL__2PRFIN20060719_113926_00000372049_00324_22923_0089.N1	19-JUL-2006 11:39:26	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22923	No
147	GOM_NL__2PRFIN20060719_114337_00000412049_00324_22923_0090.N1	19-JUL-2006 11:43:37	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	22923	No
148	GOM_NL__2PRFIN20060719_114722_00000402049_00324_22923_0091.N1	19-JUL-2006 11:47:22	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	22923	No
149	GOM_NL__2PRFIN20060719_115517_00000412049_00324_22923_0092.N1	19-JUL-2006 11:55:17	Tw_i_and_stray	40.500	38	20Eps Sgr	1.8360	11000.	81	22923	No
150	GOM_NL__2PRFIN20060719_115711_00000392049_00324_22923_0093.N1	19-JUL-2006 11:57:11	Bright	38.500	57	34Sig Sgr	2.0660	26000.	77	22923	No
151	GOM_NL__2PRFIN20060719_115832_00000392049_00324_22923_0094.N1	19-JUL-2006 11:58:32	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	22923	No
152	GOM_NL__2PRFIN20060719_120629_00000372049_00324_22923_0095.N1	19-JUL-2006 12:06:29	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	22923	No
153	GOM_NL__2PRFIN20060719_120847_00000372049_00324_22923_0096.N1	19-JUL-2006 12:08:47	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	22923	No
154	GOM_NL__2PRFIN20060719_121601_00000402049_00324_22923_0097.N1	19-JUL-2006 12:16:01	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	22923	No
155	GOM_NL__2PRFIN20060719_121928_00000392049_00324_22923_0098.N1	19-JUL-2006 12:19:28	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	22923	No
156	GOM_NL__2PRFIN20060719_122252_00000442049_00324_22923_0099.N1	19-JUL-2006 12:22:52	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	22923	No
157	GOM_NL__2PRFIN20060719_122706_00000362049_00324_22923_0100.N1	19-JUL-2006 12:27:06	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	22923	No
158	GOM_NL__2PRFIN20060719_123029_00000522049_00324_22923_0101.N1	19-JUL-2006 12:30:29	Bright	52.000	49	1Alp UMi	1.9900	6300.0	104	22923	No
159	GOM_NL__2PRFIN20060719_124258_00000382049_00324_22923_0102.N1	19-JUL-2006 12:42:58	Bright	37.500	6	13Alp Aur	0.080000	3400.0	75	22923	No
160	GOM_NL__2PRFIN20060719_124649_00000382049_00324_22923_0103.N1	19-JUL-2006 12:46:49	Bright	37.500	114	3lot Aur	2.6930	4600.0	75	22923	No

161	GOM_NL__2PRFIN20060719_125157_000000482049_00324_22923_0104.N1	19-JUL-2006 12:51:57	Twilight	48.000	13	87Alp Tau	0.86700	3800.0	96	22923	No
162	GOM_NL__2PRFIN20060719_125603_000000352049_00324_22923_0105.N1	19-JUL-2006 12:56:03	Dark	35.000	30	46Eps Ori	1.6940	30000.	70	22923	No
163	GOM_NL__2PRFIN20060719_125721_000000332049_00324_22923_0106.N1	19-JUL-2006 12:57:21	Dark	33.000	125	44Iot Ori	2.7700	30000.	66	22923	No
164	GOM_NL__2PRFIN20060719_125816_000000452049_00324_22923_0107.N1	19-JUL-2006 12:58:16	Dark	44.500	7	19Bet Ori	0.10000	14000.	89	22923	No
165	GOM_NL__2PRFIN20060719_130136_000000442049_00324_22923_0108.N1	19-JUL-2006 13:01:36	Dark	44.000	165	34Gam Eri	2.9500	3200.0	88	22923	No
166	GOM_NL__2PRFIN20060719_131043_000000432049_00324_22923_0109.N1	19-JUL-2006 13:10:43	Dark	42.500	157	The1Eri	2.9060	9300.0	85	22923	No
167	GOM_NL__2PRFIN20060719_131648_000000422049_00325_22924_0088.N1	19-JUL-2006 13:16:48	Dark	42.000	9	Alp Eri	0.45300	24000.	84	22924	No
168	GOM_NL__2PRFIN20060719_132002_000000372049_00325_22924_0089.N1	19-JUL-2006 13:20:02	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22924	No
169	GOM_NL__2PRFIN20060719_132414_000000442049_00325_22924_0090.N1	19-JUL-2006 13:24:14	Straylight	43.500	148	Alp Tuc	2.8780	4100.0	87	22924	No
170	GOM_NL__2PRFIN20060719_132758_000000402049_00325_22924_0091.N1	19-JUL-2006 13:27:58	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	22924	No
171	GOM_NL__2PRFIN20060719_133553_000000392049_00325_22924_0092.N1	19-JUL-2006 13:35:53	Tw_i_and_stray	38.500	38	20Eps Sgr	1.8360	11000.	77	22924	No
172	GOM_NL__2PRFIN20060719_133747_000000382049_00325_22924_0093.N1	19-JUL-2006 13:37:47	Bright	37.500	57	34Sig Sgr	2.0660	26000.	75	22924	No
173	GOM_NL__2PRFIN20060719_133908_000000392049_00325_22924_0094.N1	19-JUL-2006 13:39:08	Bright	39.000	155	41Pi Sgr	2.9000	6600.0	78	22924	No
174	GOM_NL__2PRFIN20060719_134705_000000372049_00325_22924_0095.N1	19-JUL-2006 13:47:05	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	22924	No
175	GOM_NL__2PRFIN20060719_134923_000000372049_00325_22924_0096.N1	19-JUL-2006 13:49:23	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	22924	No
176	GOM_NL__2PRFIN20060719_135637_000000392049_00325_22924_0097.N1	19-JUL-2006 13:56:37	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	22924	No
177	GOM_NL__2PRFIN20060719_140004_000000382049_00325_22924_0098.N1	19-JUL-2006 14:00:04	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	22924	No
178	GOM_NL__2PRFIN20060719_140329_000000362049_00325_22924_0099.N1	19-JUL-2006 14:03:29	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22924	No
179	GOM_NL__2PRFIN20060719_140743_000000342049_00325_22924_0100.N1	19-JUL-2006 14:07:43	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	22924	No
180	GOM_NL__2PRFIN20060719_141105_000000352049_00325_22924_0101.N1	19-JUL-2006 14:11:05	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	22924	No
181	GOM_NL__2PRFIN20060719_142334_000000402049_00325_22924_0102.N1	19-JUL-2006 14:23:34	Bright	40.000	6	13Alp Aur	0.080000	3400.0	80	22924	No
182	GOM_NL__2PRFIN20060719_142725_000000392049_00325_22924_0103.N1	19-JUL-2006 14:27:25	Bright	39.000	114	3Iot Aur	2.6930	4600.0	78	22924	No
183	GOM_NL__2PRFIN20060719_143234_000000522049_00325_22924_0104.N1	19-JUL-2006 14:32:34	Twilight	51.500	13	87Alp Tau	0.86700	3800.0	103	22924	No
184	GOM_NL__2PRFIN20060719_143639_000000372049_00325_22924_0105.N1	19-JUL-2006 14:36:39	Dark	37.000	30	46Eps Ori	1.6940	30000.	74	22924	No
185	GOM_NL__2PRFIN20060719_143852_000000452049_00325_22924_0106.N1	19-JUL-2006 14:38:52	Dark	45.000	7	19Bet Ori	0.10000	14000.	90	22924	No
186	GOM_NL__2PRFIN20060719_144213_000000312049_00325_22924_0107.N1	19-JUL-2006 14:42:13	Dark	31.000	165	34Gam Eri	2.9500	3200.0	62	22924	No
187	GOM_NL__2PRFIN20060719_145120_000000442049_00325_22924_0108.N1	19-JUL-2006 14:51:20	Dark	43.500	157	The1Eri	2.9060	9300.0	87	22924	No
188	GOM_NL__2PRFIN20060719_145725_000000422049_00326_22925_0088.N1	19-JUL-2006 14:57:25	Dark	42.000	9	Alp Eri	0.45300	24000.	84	22925	No
189	GOM_NL__2PRFIN20060719_150038_000000372049_00326_22925_0089.N1	19-JUL-2006 15:00:38	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22925	No
190	GOM_NL__2PRFIN20060719_150450_000000412049_00326_22925_0090.N1	19-JUL-2006 15:04:50	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	22925	No
191	GOM_NL__2PRFIN20060719_150834_000000392049_00326_22925_0091.N1	19-JUL-2006 15:08:34	Straylight	38.500	45	Alp Pav	1.9400	26000.	77	22925	No
192	GOM_NL__2PRFIN20060719_151629_000000422049_00326_22925_0092.N1	19-JUL-2006 15:16:29	Tw_i_and_stray	41.500	38	20Eps Sgr	1.8360	11000.	83	22925	No
193	GOM_NL__2PRFIN20060719_151823_000000392049_00326_22925_0093.N1	19-JUL-2006 15:18:23	Bright	38.500	57	34Sig Sgr	2.0660	26000.	77	22925	No
194	GOM_NL__2PRFIN20060719_151945_000000382049_00326_22925_0094.N1	19-JUL-2006 15:19:45	Bright	38.000	155	41Pi Sgr	2.9000	6600.0	76	22925	No
195	GOM_NL__2PRFIN20060719_152741_000000362049_00326_22925_0095.N1	19-JUL-2006 15:27:41	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	22925	No
196	GOM_NL__2PRFIN20060719_152959_000000352049_00326_22925_0096.N1	19-JUL-2006 15:29:59	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	22925	No
197	GOM_NL__2PRFIN20060719_153712_000000372049_00326_22925_0097.N1	19-JUL-2006 15:37:12	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	22925	No
198	GOM_NL__2PRFIN20060719_154040_000000382049_00326_22925_0098.N1	19-JUL-2006 15:40:40	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	22925	No
199	GOM_NL__2PRFIN20060719_154405_000000362049_00326_22925_0099.N1	19-JUL-2006 15:44:05	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22925	No
200	GOM_NL__2PRFIN20060719_154819_000000332049_00326_22925_0100.N1	19-JUL-2006 15:48:19	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	22925	No
201	GOM_NL__2PRFIN20060719_155141_000000412049_00326_22925_0101.N1	19-JUL-2006 15:51:41	Bright	40.500	49	1Alp UMi	1.9900	6300.0	81	22925	No
202	GOM_NL__2PRFIN20060719_160410_000000392049_00326_22925_0102.N1	19-JUL-2006 16:04:10	Bright	38.500	6	13Alp Aur	0.080000	3400.0	77	22925	No
203	GOM_NL__2PRFIN20060719_160801_000000392049_00326_22925_0103.N1	19-JUL-2006 16:08:01	Bright	38.500	114	3Iot Aur	2.6930	4600.0	77	22925	No
204	GOM_NL__2PRFIN20060719_161310_000000522049_00326_22925_0104.N1	19-JUL-2006 16:13:10	Twilight	52.000	13	87Alp Tau	0.86700	3800.0	104	22925	No
205	GOM_NL__2PRFIN20060719_161715_000000362049_00326_22925_0105.N1	19-JUL-2006 16:17:15	Dark	36.000	30	46Eps Ori	1.6940	30000.	72	22925	No
206	GOM_NL__2PRFIN20060719_161929_000000392049_00326_22925_0106.N1	19-JUL-2006 16:19:29	Dark	38.500	7	19Bet Ori	0.10000	14000.	77	22925	No
207	GOM_NL__2PRFIN20060719_162249_000000312049_00326_22925_0107.N1	19-JUL-2006 16:22:49	Dark	31.000	165	34Gam Eri	2.9500	3200.0	62	22925	No
208	GOM_NL__2PRFIN20060719_163157_000000452049_00326_22925_0108.N1	19-JUL-2006 16:31:57	Dark	45.000	157	The1Eri	2.9060	9300.0	90	22925	No
209	GOM_NL__2PRFIN20060719_163801_000000452049_00327_22926_0088.N1	19-JUL-2006 16:38:01	Dark	45.000	9	Alp Eri	0.45300	24000.	90	22926	No
210	GOM_NL__2PRFIN20060719_164114_000000382049_00327_22926_0089.N1	19-JUL-2006 16:41:14	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	22926	No
211	GOM_NL__2PRFIN20060719_164527_000000422049_00327_22926_0090.N1	19-JUL-2006 16:45:27	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	22926	No
212	GOM_NL__2PRFIN20060719_164911_000000382049_00327_22926_0091.N1	19-JUL-2006 16:49:11	Straylight	37.500	45	Alp Pav	1.9400	26000.	75	22926	No
213	GOM_NL__2PRFIN20060719_165705_000000392049_00327_22926_0092.N1	19-JUL-2006 16:57:05	Tw_i_and_stray	38.500	38	20Eps Sgr	1.8360	11000.	77	22926	No
214	GOM_NL__2PRFIN20060719_165859_000000402049_00327_22926_0093.N1	19-JUL-2006 16:58:59	Bright	40.000	57	34Sig Sgr	2.0660	26000.	80	22926	No
215	GOM_NL__2PRFIN20060719_170021_000000382049_00327_22926_0094.N1	19-JUL-2006 17:00:21	Bright	38.000	155	41Pi Sgr	2.9000	6600.0	76	22926	No
216	GOM_NL__2PRFIN20060719_170818_000000342049_00327_22926_0095.N1	19-JUL-2006 17:08:18	Bright	34.000	126	60Bet Oph	2.7700	4250.0	68	22926	No
217	GOM_NL__2PRFIN20060719_171035_000000362049_00327_22926_0096.N1	19-JUL-2006 17:10:35	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	22926	No
218	GOM_NL__2PRFIN20060719_171748_000000392049_00327_22926_0097.N1	19-JUL-2006 17:17:48	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	22926	No
219	GOM_NL__2PRFIN20060719_172116_000000372049_00327_22926_0098.N1	19-JUL-2006 17:21:16	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	22926	No

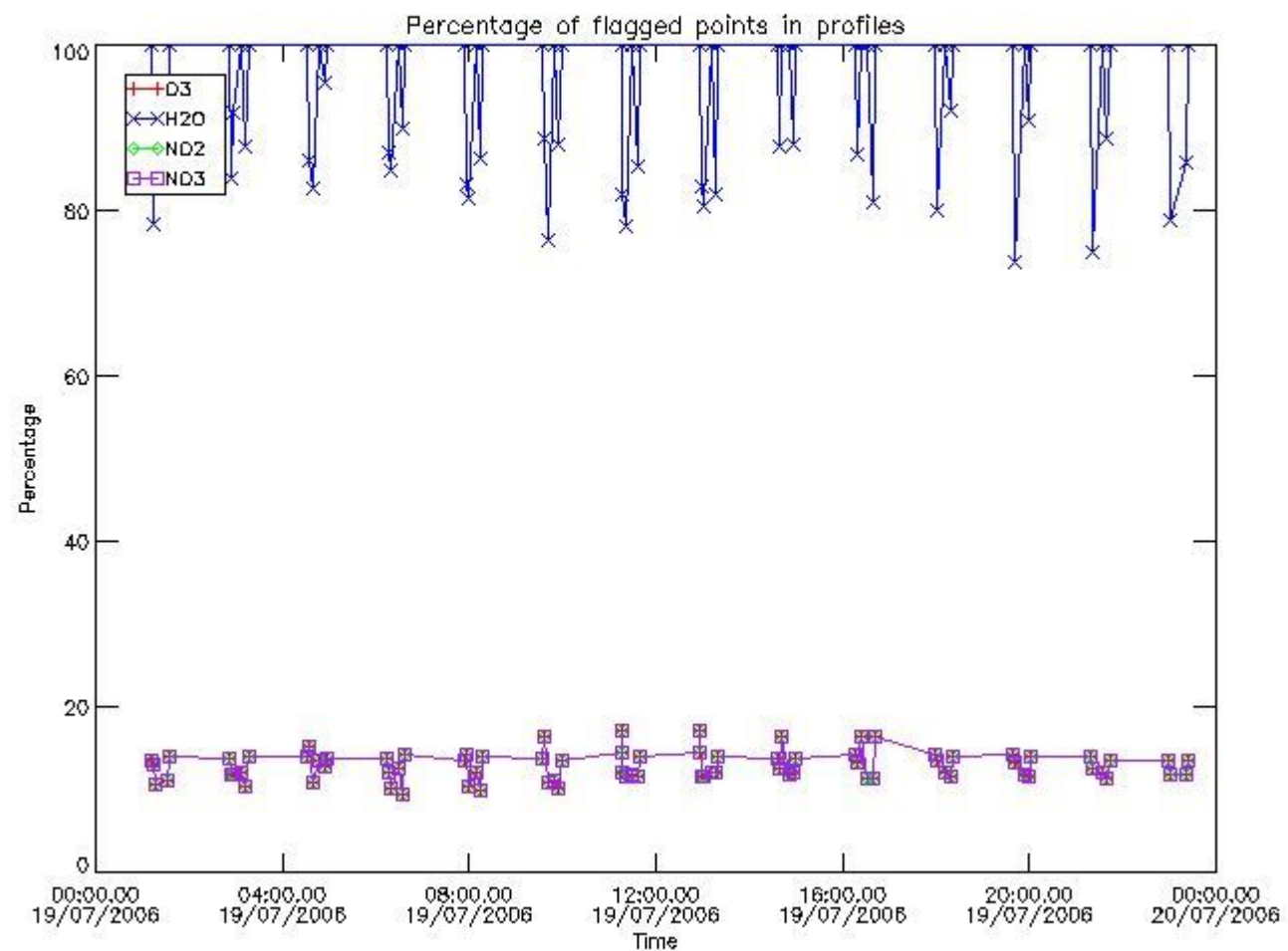
220	GOM_NL__2PRFIN20060719_172441_000000362049_00327_22926_0099.N1	19-JUL-2006 17:24:41	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22926	No
221	GOM_NL__2PRFIN20060719_172855_000000342049_00327_22926_0100.N1	19-JUL-2006 17:28:55	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	22926	No
222	GOM_NL__2PRFIN20060719_173217_000000362049_00327_22926_0101.N1	19-JUL-2006 17:32:17	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	22926	No
223	GOM_NL__2PRFIN20060719_174446_000000382049_00327_22926_0102.N1	19-JUL-2006 17:44:46	Bright	37.500	6	13Alp Aur	0.080000	3400.0	75	22926	No
224	GOM_NL__2PRFIN20060719_174837_000000382049_00327_22926_0103.N1	19-JUL-2006 17:48:37	Bright	38.000	114	3Iot Aur	2.6930	4600.0	76	22926	No
225	GOM_NL__2PRFIN20060719_175346_000000562049_00327_22926_0104.N1	19-JUL-2006 17:53:46	Twilight	56.000	13	87Alp Tau	0.86700	3800.0	112	22926	No
226	GOM_NL__2PRFIN20060719_175751_000000362049_00327_22926_0105.N1	19-JUL-2006 17:57:51	Dark	36.000	30	46Eps Ori	1.6940	30000.	72	22926	No
227	GOM_NL__2PRFIN20060719_180005_000000382049_00327_22926_0106.N1	19-JUL-2006 18:00:05	Dark	38.000	7	19Bet Ori	0.10000	14000.	76	22926	No
228	GOM_NL__2PRFIN20060719_181234_000000432049_00327_22926_0107.N1	19-JUL-2006 18:12:34	Dark	42.500	157	The1Eri	2.9060	9300.0	85	22926	No
229	GOM_NL__2PRFIN20060719_181838_000000452049_00328_22927_0088.N1	19-JUL-2006 18:18:38	Dark	44.500	9	Alp Eri	0.45300	24000.	89	22927	No
230	GOM_NL__2PRFIN20060719_182151_000000372049_00328_22927_0089.N1	19-JUL-2006 18:21:51	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22927	No
231	GOM_NL__2PRFIN20060719_182603_000000402049_00328_22927_0090.N1	19-JUL-2006 18:26:03	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	22927	No
232	GOM_NL__2PRFIN20060719_182947_000000432049_00328_22927_0091.N1	19-JUL-2006 18:29:47	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	22927	No
233	GOM_NL__2PRFIN20060719_183742_000000432049_00328_22927_0092.N1	19-JUL-2006 18:37:42	Tw_i_and_stray	42.500	38	20Eps Sgr	1.8360	11000.	85	22927	No
234	GOM_NL__2PRFIN20060719_183936_000000392049_00328_22927_0093.N1	19-JUL-2006 18:39:36	Bright	39.000	57	34Sig Sgr	2.0660	26000.	78	22927	No
235	GOM_NL__2PRFIN20060719_184057_000000382049_00328_22927_0094.N1	19-JUL-2006 18:40:57	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	22927	No
236	GOM_NL__2PRFIN20060719_184854_000000352049_00328_22927_0095.N1	19-JUL-2006 18:48:54	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	22927	No
237	GOM_NL__2PRFIN20060719_185112_000000372049_00328_22927_0096.N1	19-JUL-2006 18:51:12	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	22927	No
238	GOM_NL__2PRFIN20060719_185824_000000372049_00328_22927_0097.N1	19-JUL-2006 18:58:24	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	22927	No
239	GOM_NL__2PRFIN20060719_190152_000000392049_00328_22927_0098.N1	19-JUL-2006 19:01:52	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	22927	No
240	GOM_NL__2PRFIN20060719_190517_000000362049_00328_22927_0099.N1	19-JUL-2006 19:05:17	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22927	No
241	GOM_NL__2PRFIN20060719_190931_000000362049_00328_22927_0100.N1	19-JUL-2006 19:09:31	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	22927	No
242	GOM_NL__2PRFIN20060719_191253_000000362049_00328_22927_0101.N1	19-JUL-2006 19:12:53	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22927	No
243	GOM_NL__2PRFIN20060719_192522_000000532049_00328_22927_0102.N1	19-JUL-2006 19:25:22	Bright	53.000	6	13Alp Aur	0.080000	3400.0	106	22927	No
244	GOM_NL__2PRFIN20060719_192913_000000392049_00328_22927_0103.N1	19-JUL-2006 19:29:13	Bright	38.500	114	3Iot Aur	2.6930	4600.0	77	22927	No
245	GOM_NL__2PRFIN20060719_193422_000000512049_00328_22927_0104.N1	19-JUL-2006 19:34:22	Twilight	51.000	13	87Alp Tau	0.86700	3800.0	102	22927	No
246	GOM_NL__2PRFIN20060719_193827_000000362049_00328_22927_0105.N1	19-JUL-2006 19:38:27	Dark	36.000	30	46Eps Ori	1.6940	30000.	72	22927	No
247	GOM_NL__2PRFIN20060719_194041_000000392049_00328_22927_0106.N1	19-JUL-2006 19:40:41	Dark	38.500	7	19Bet Ori	0.10000	14000.	77	22927	No
248	GOM_NL__2PRFIN20060719_195310_000000432049_00328_22927_0107.N1	19-JUL-2006 19:53:10	Dark	43.000	157	The1Eri	2.9060	9300.0	86	22927	No
249	GOM_NL__2PRFIN20060719_195915_000000452049_00329_22928_0088.N1	19-JUL-2006 19:59:15	Dark	44.500	9	Alp Eri	0.45300	24000.	89	22928	No
250	GOM_NL__2PRFIN20060719_200227_000000372049_00329_22928_0089.N1	19-JUL-2006 20:02:27	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22928	No
251	GOM_NL__2PRFIN20060719_200640_000000412049_00329_22928_0090.N1	19-JUL-2006 20:06:40	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	22928	No
252	GOM_NL__2PRFIN20060719_201023_000000392049_00329_22928_0091.N1	19-JUL-2006 20:10:23	Straylight	38.500	45	Alp Pav	1.9400	26000.	77	22928	No
253	GOM_NL__2PRFIN20060719_201818_000000402049_00329_22928_0092.N1	19-JUL-2006 20:18:18	Tw_i_and_stray	39.500	38	20Eps Sgr	1.8360	11000.	79	22928	No
254	GOM_NL__2PRFIN20060719_202012_000000382049_00329_22928_0093.N1	19-JUL-2006 20:20:12	Bright	37.500	57	34Sig Sgr	2.0660	26000.	75	22928	No
255	GOM_NL__2PRFIN20060719_202133_000000392049_00329_22928_0094.N1	19-JUL-2006 20:21:33	Bright	39.000	155	41Pi Sgr	2.9000	6600.0	78	22928	No
256	GOM_NL__2PRFIN20060719_202930_000000352049_00329_22928_0095.N1	19-JUL-2006 20:29:30	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	22928	No
257	GOM_NL__2PRFIN20060719_203148_000000362049_00329_22928_0096.N1	19-JUL-2006 20:31:48	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	22928	No
258	GOM_NL__2PRFIN20060719_203900_000000382049_00329_22928_0097.N1	19-JUL-2006 20:39:00	Bright	37.500	5	3Alp Lyr	0.033000	11000.	75	22928	No
259	GOM_NL__2PRFIN20060719_204228_000000342049_00329_22928_0098.N1	19-JUL-2006 20:42:28	Bright	33.500	69	33Gam Dra	2.2310	3800.0	67	22928	No
260	GOM_NL__2PRFIN20060719_204553_000000342049_00329_22928_0099.N1	19-JUL-2006 20:45:53	Bright	34.000	119	14Eta Dra	2.7270	4700.0	68	22928	No
261	GOM_NL__2PRFIN20060719_205007_000000332049_00329_22928_0100.N1	19-JUL-2006 20:50:07	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	22928	No
262	GOM_NL__2PRFIN20060719_205329_000000362049_00329_22928_0101.N1	19-JUL-2006 20:53:29	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	22928	No
263	GOM_NL__2PRFIN20060719_210558_000000382049_00329_22928_0102.N1	19-JUL-2006 21:05:58	Bright	37.500	6	13Alp Aur	0.080000	3400.0	75	22928	No
264	GOM_NL__2PRFIN20060719_210949_000000402049_00329_22928_0103.N1	19-JUL-2006 21:09:49	Bright	40.000	114	3Iot Aur	2.6930	4600.0	80	22928	No
265	GOM_NL__2PRFIN20060719_211459_000000442049_00329_22928_0104.N1	19-JUL-2006 21:14:59	Twilight	43.500	13	87Alp Tau	0.86700	3800.0	87	22928	No
266	GOM_NL__2PRFIN20060719_211903_000000372049_00329_22928_0105.N1	19-JUL-2006 21:19:03	Dark	36.500	30	46Eps Ori	1.6940	30000.	73	22928	No
267	GOM_NL__2PRFIN20060719_212117_000000402049_00329_22928_0106.N1	19-JUL-2006 21:21:17	Dark	40.000	7	19Bet Ori	0.10000	14000.	80	22928	No
268	GOM_NL__2PRFIN20060719_213347_000000432049_00329_22928_0107.N1	19-JUL-2006 21:33:47	Dark	42.500	157	The1Eri	2.9060	9300.0	85	22928	No
269	GOM_NL__2PRFIN20060719_213951_000000452049_00330_22929_0108.N1	19-JUL-2006 21:39:51	Dark	45.000	9	Alp Eri	0.45300	24000.	90	22929	No
270	GOM_NL__2PRFIN20060719_214303_000000382049_00330_22929_0109.N1	19-JUL-2006 21:43:03	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	22929	No
271	GOM_NL__2PRFIN20060719_214716_000000422049_00330_22929_0110.N1	19-JUL-2006 21:47:16	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	22929	No
272	GOM_NL__2PRFIN20060719_215059_000000402049_00330_22929_0111.N1	19-JUL-2006 21:50:59	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	22929	No
273	GOM_NL__2PRFIN20060719_215854_000000392049_00330_22929_0112.N1	19-JUL-2006 21:58:54	Tw_i_and_stray	38.500	38	20Eps Sgr	1.8360	11000.	77	22929	No
274	GOM_NL__2PRFIN20060719_220048_000000392049_00330_22929_0113.N1	19-JUL-2006 22:00:48	Bright	38.500	57	34Sig Sgr	2.0660	26000.	77	22929	No
275	GOM_NL__2PRFIN20060719_220209_000000382049_00330_22929_0114.N1	19-JUL-2006 22:02:09	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	22929	No
276	GOM_NL__2PRFIN20060719_221006_000000362049_00330_22929_0115.N1	19-JUL-2006 22:10:06	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	22929	No
277	GOM_NL__2PRFIN20060719_221224_000000362049_00330_22929_0116.N1	19-JUL-2006 22:12:24	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	22929	No
278	GOM_NL__2PRFIN20060719_221936_000000342049_00330_22929_0117.N1	19-JUL-2006 22:19:36	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	22929	No

279	GOM_NL__2PRFIN20060719_222304_000000382049_00330_22929_0118.N1	19-JUL-2006 22:23:04	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	22929	No
280	GOM_NL__2PRFIN20060719_222629_000000522049_00330_22929_0119.N1	19-JUL-2006 22:26:29	Bright	52.000	119	14Eta Dra	2.7270	4700.0	104	22929	No
281	GOM_NL__2PRFIN20060719_223043_000000352049_00330_22929_0120.N1	19-JUL-2006 22:30:43	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	22929	No
282	GOM_NL__2PRFIN20060719_223405_000000362049_00330_22929_0121.N1	19-JUL-2006 22:34:05	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22929	No
283	GOM_NL__2PRFIN20060719_224635_000000382049_00330_22929_0122.N1	19-JUL-2006 22:46:35	Bright	37.500	6	13Alp Aur	0.080000	3400.0	75	22929	No
284	GOM_NL__2PRFIN20060719_225025_000000542049_00330_22929_0123.N1	19-JUL-2006 22:50:25	Bright	54.000	114	3Iot Aur	2.6930	4600.0	108	22929	No
285	GOM_NL__2PRFIN20060719_225535_000000492049_00330_22929_0124.N1	19-JUL-2006 22:55:35	Twilight	48.500	13	87Alp Tau	0.86700	3800.0	97	22929	No
286	GOM_NL__2PRFIN20060719_225940_000000382049_00330_22929_0125.N1	19-JUL-2006 22:59:40	Dark	37.500	30	46Eps Ori	1.6940	30000.	75	22929	No
287	GOM_NL__2PRFIN20060719_230153_000000432049_00330_22929_0126.N1	19-JUL-2006 23:01:53	Dark	42.500	7	19Bet Ori	0.10000	14000.	85	22929	No
288	GOM_NL__2PRFIN20060719_232027_000000432049_00331_22930_0108.N1	19-JUL-2006 23:20:27	Dark	43.000	9	Alp Eri	0.45300	24000.	86	22930	No
289	GOM_NL__2PRFIN20060719_232339_000000382049_00331_22930_0109.N1	19-JUL-2006 23:23:39	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	22930	No
290	GOM_NL__2PRFIN20060719_232752_000000392049_00331_22930_0110.N1	19-JUL-2006 23:27:52	Straylight	39.000	148	Alp Tuc	2.8780	4100.0	78	22930	No
291	GOM_NL__2PRFIN20060719_233136_000000382049_00331_22930_0111.N1	19-JUL-2006 23:31:36	Straylight	38.000	45	Alp Pav	1.9400	26000.	76	22930	No
292	GOM_NL__2PRFIN20060719_233930_000000402049_00331_22930_0112.N1	19-JUL-2006 23:39:30	Twilight	40.000	38	20Eps Sgr	1.8360	11000.	80	22930	No
293	GOM_NL__2PRFIN20060719_234124_000000392049_00331_22930_0113.N1	19-JUL-2006 23:41:24	Bright	39.000	57	34Sig Sgr	2.0660	26000.	78	22930	No
294	GOM_NL__2PRFIN20060719_234245_000000392049_00331_22930_0114.N1	19-JUL-2006 23:42:45	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	22930	No
295	GOM_NL__2PRFIN20060719_235042_000000362049_00331_22930_0115.N1	19-JUL-2006 23:50:42	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	22930	No
296	GOM_NL__2PRFIN20060719_235300_000000322049_00331_22930_0116.N1	19-JUL-2006 23:53:00	Bright	32.000	59	55Alp Oph	2.0800	8900.0	64	22930	No

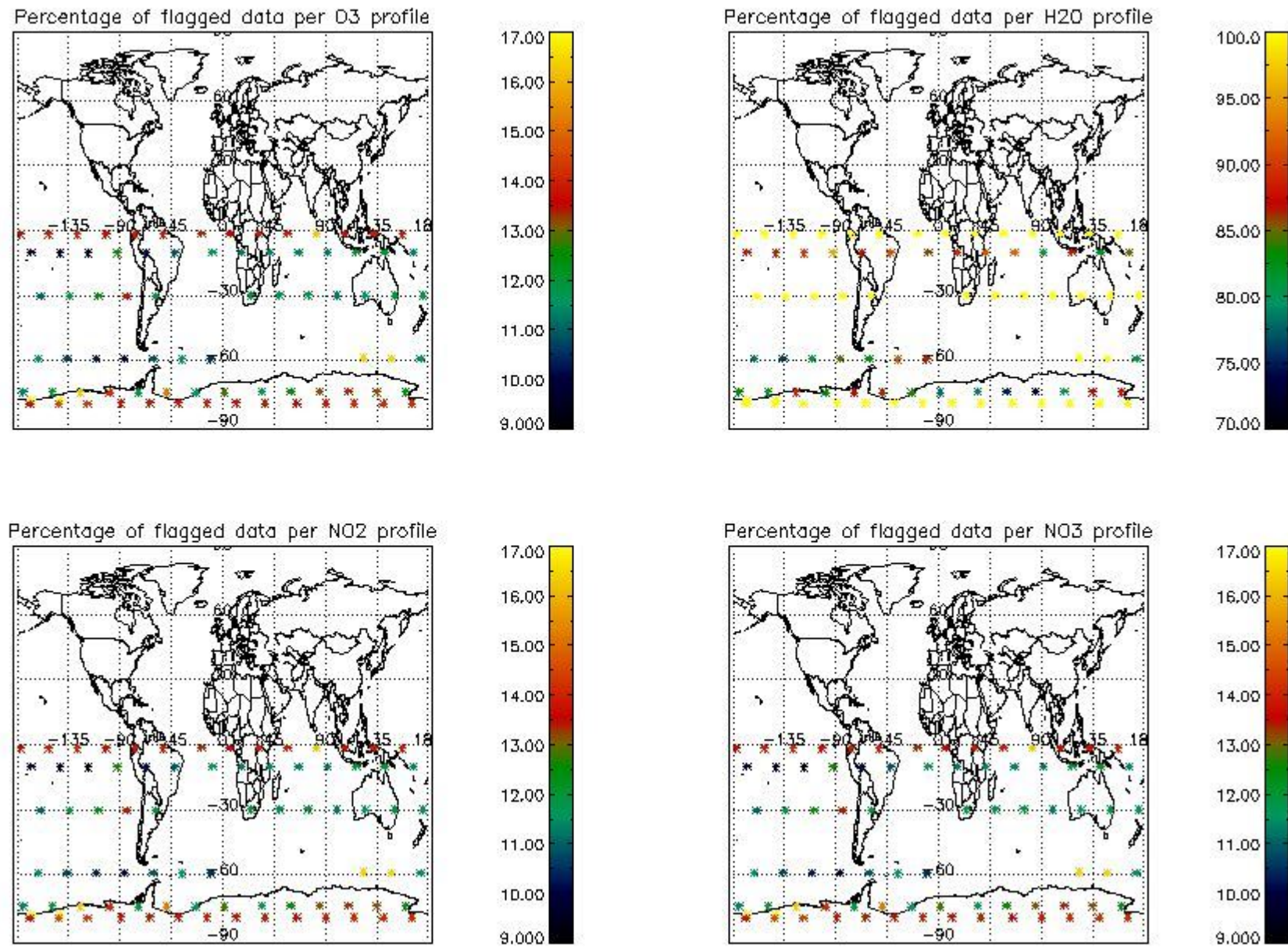
3. Quality information per product

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

3.1 Plot quality information per product (time dependant)



3.2 Plot quality information per product (world map)

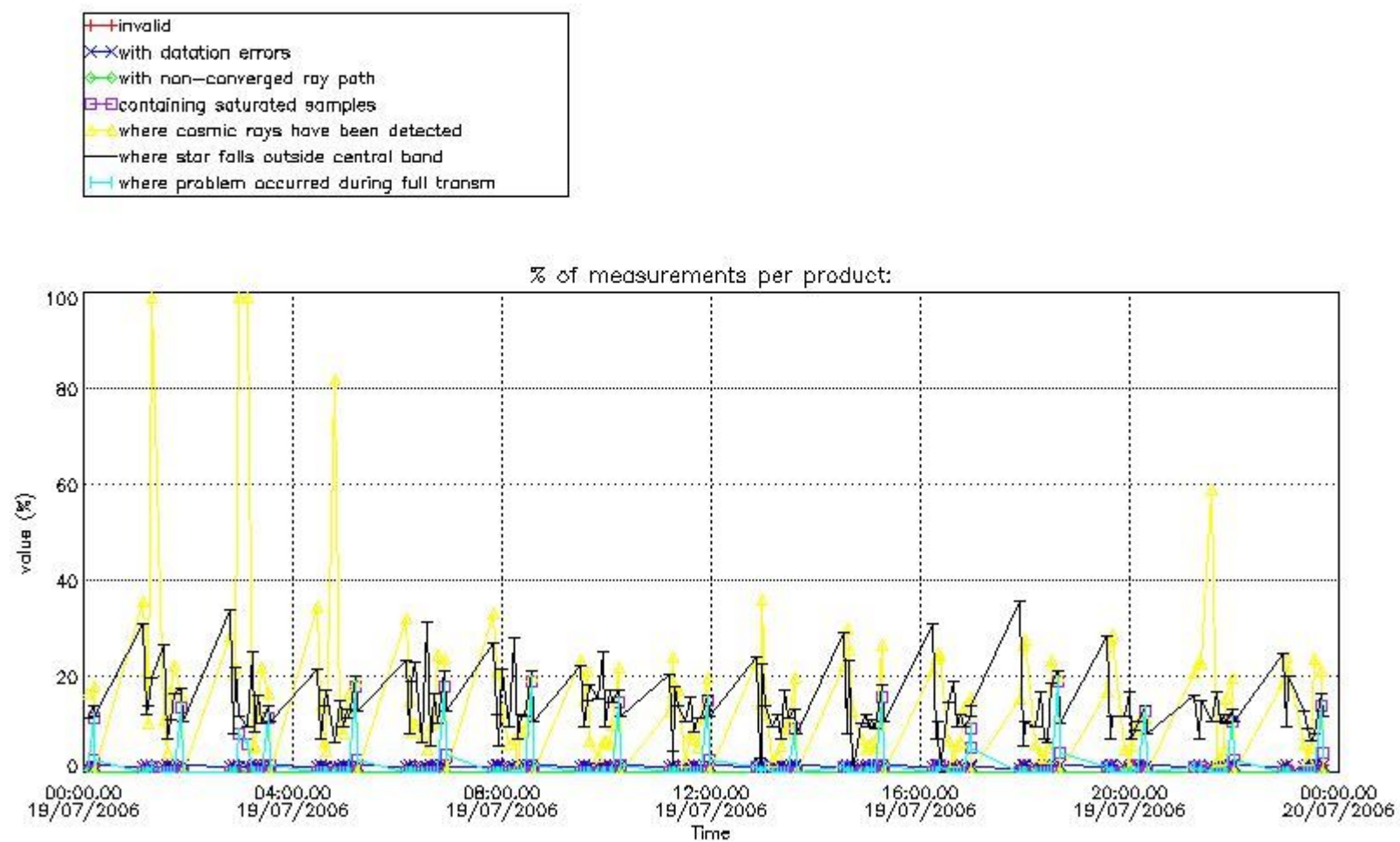


4. Level 1 quality information per product

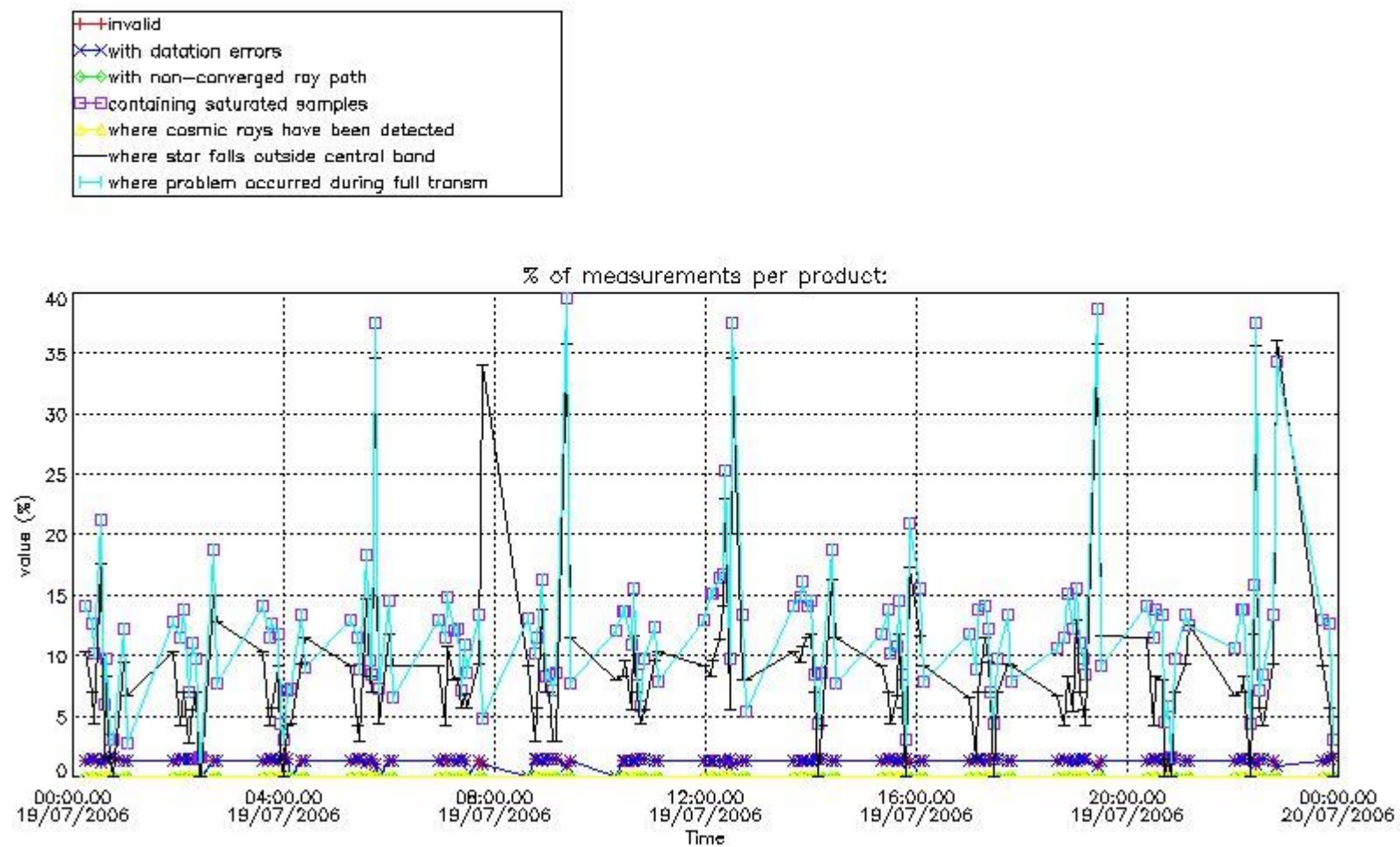
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

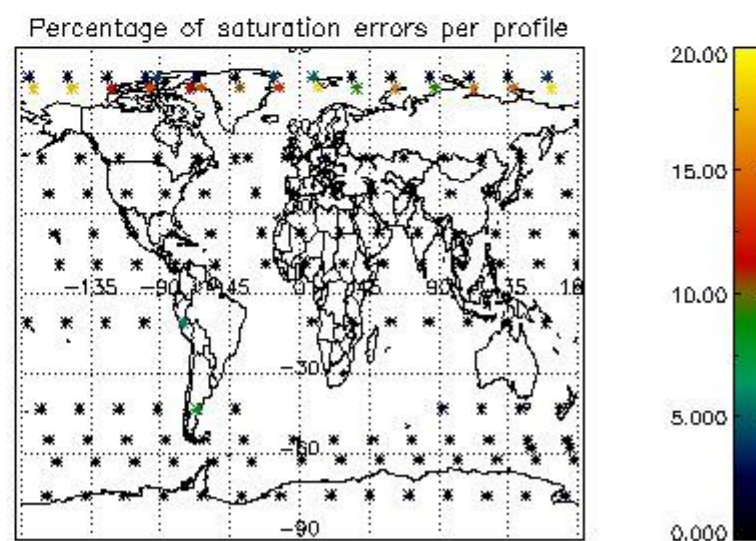
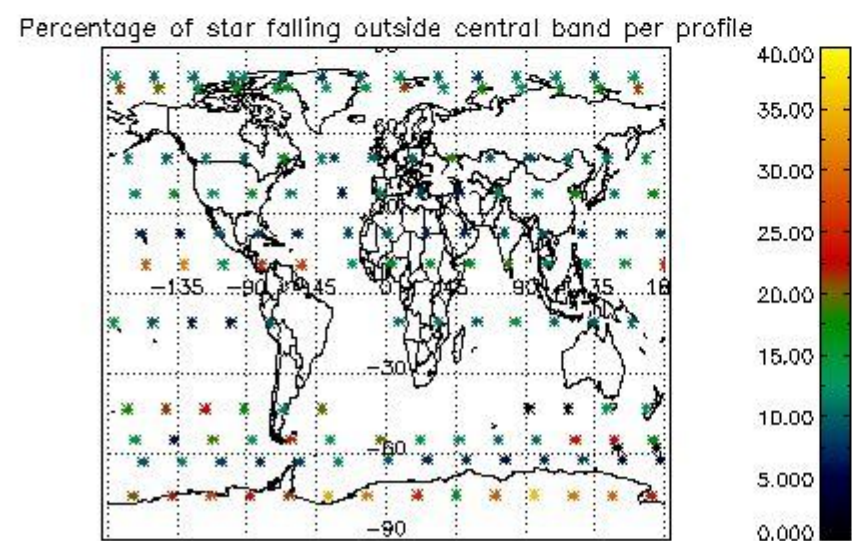
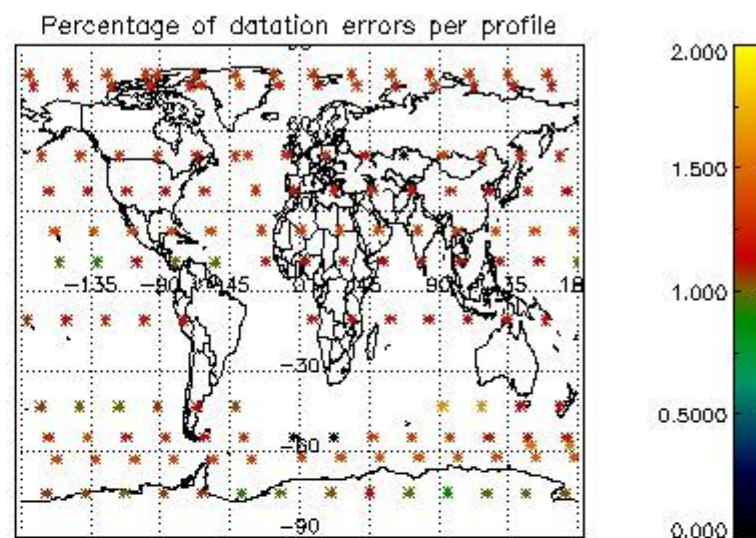
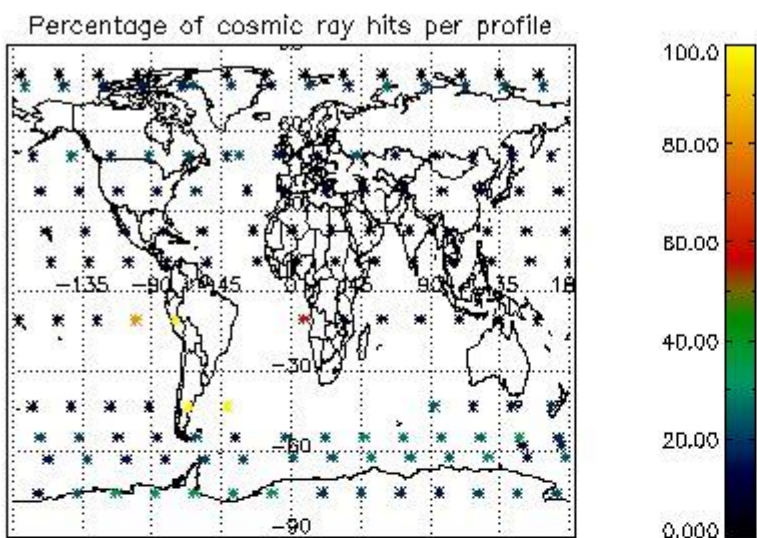


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

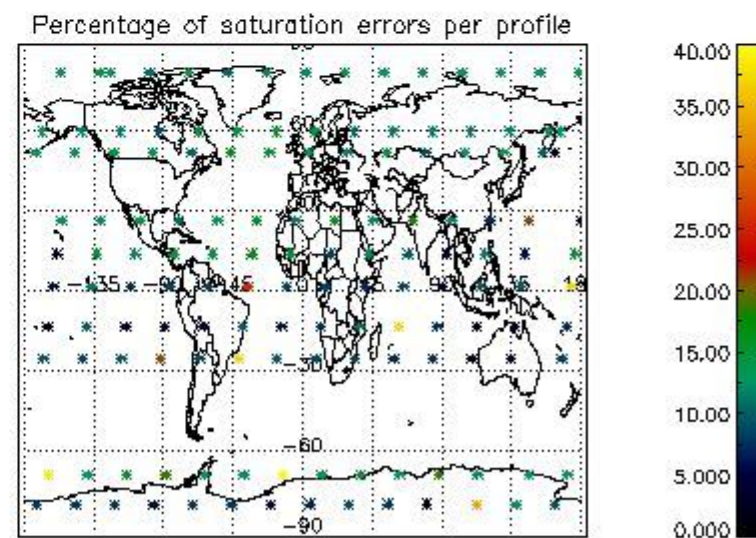
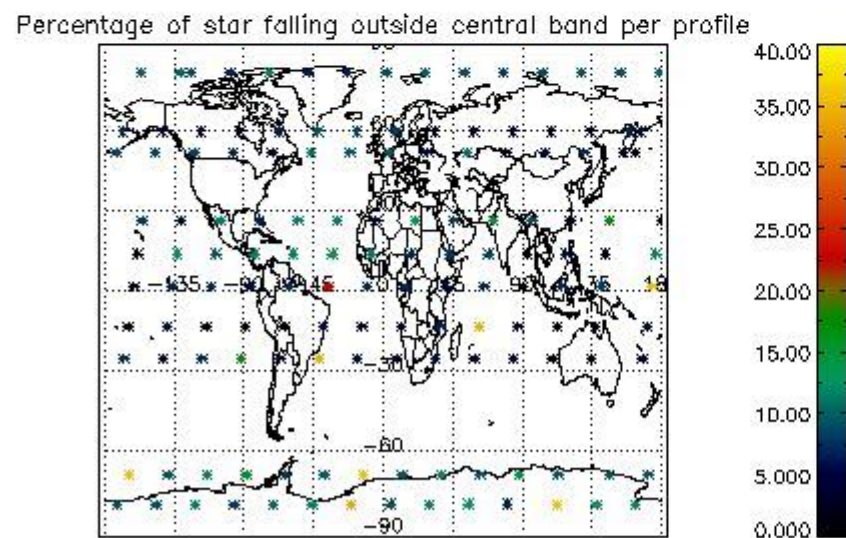
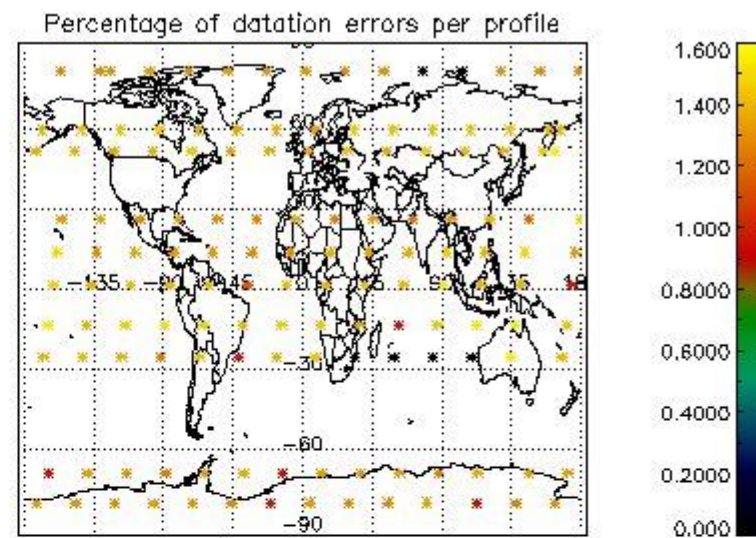
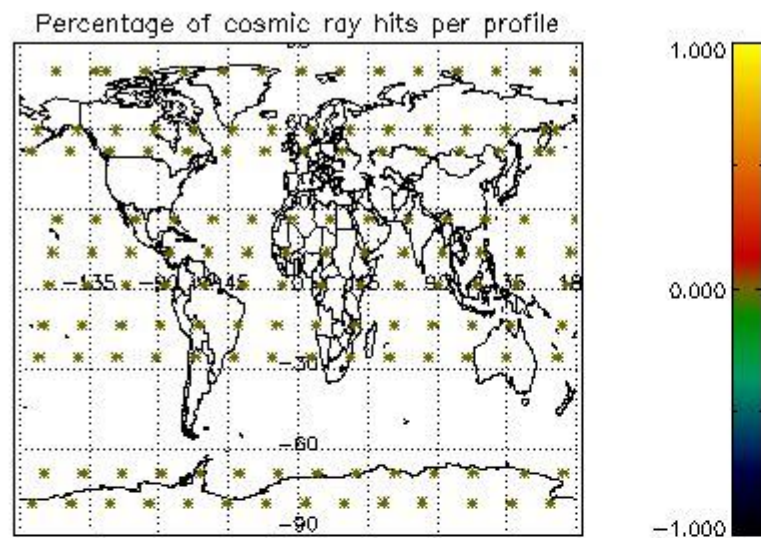


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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

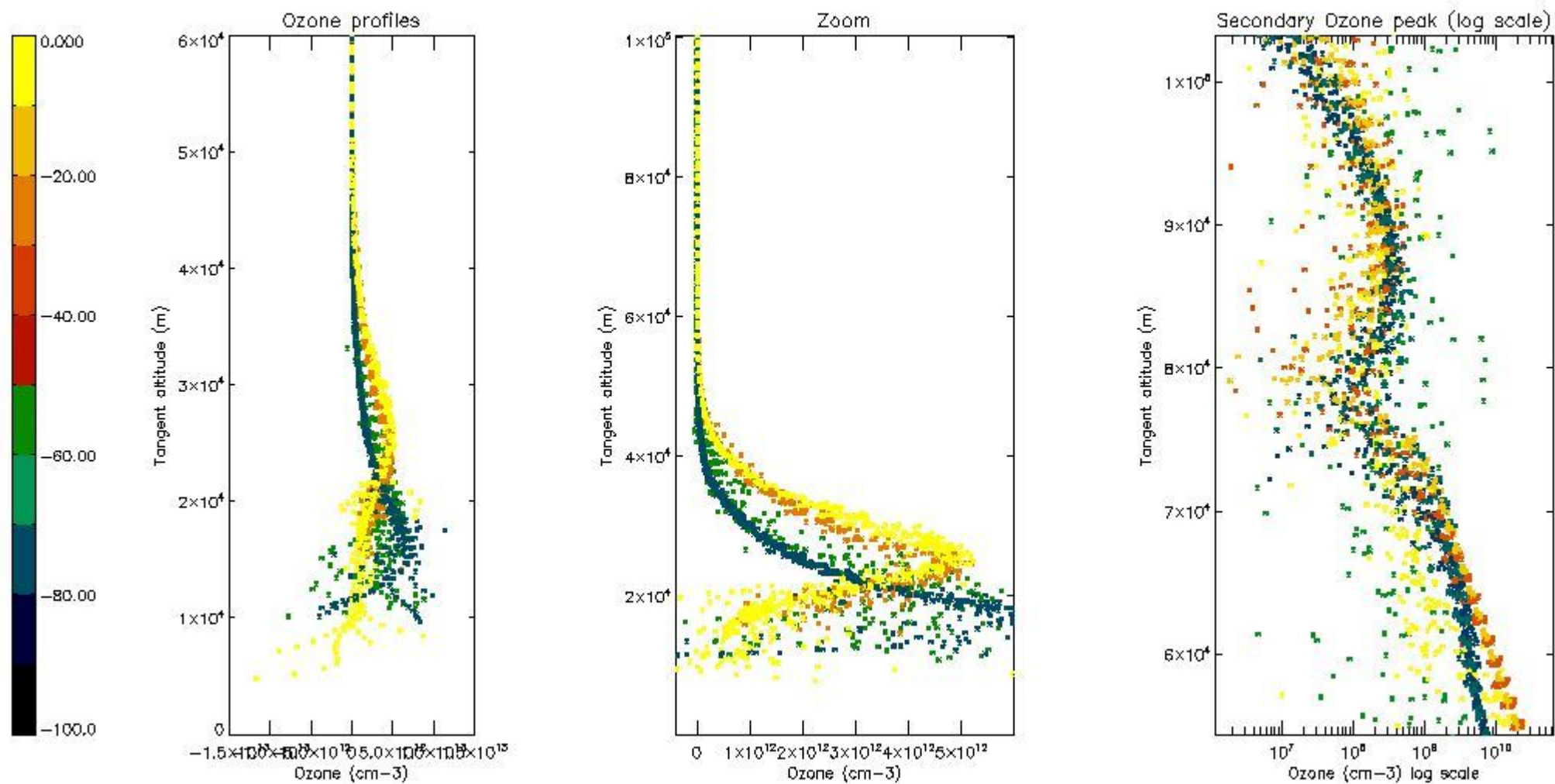
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	29
STD < 20	17

STD < 10	14
STD < 5	9

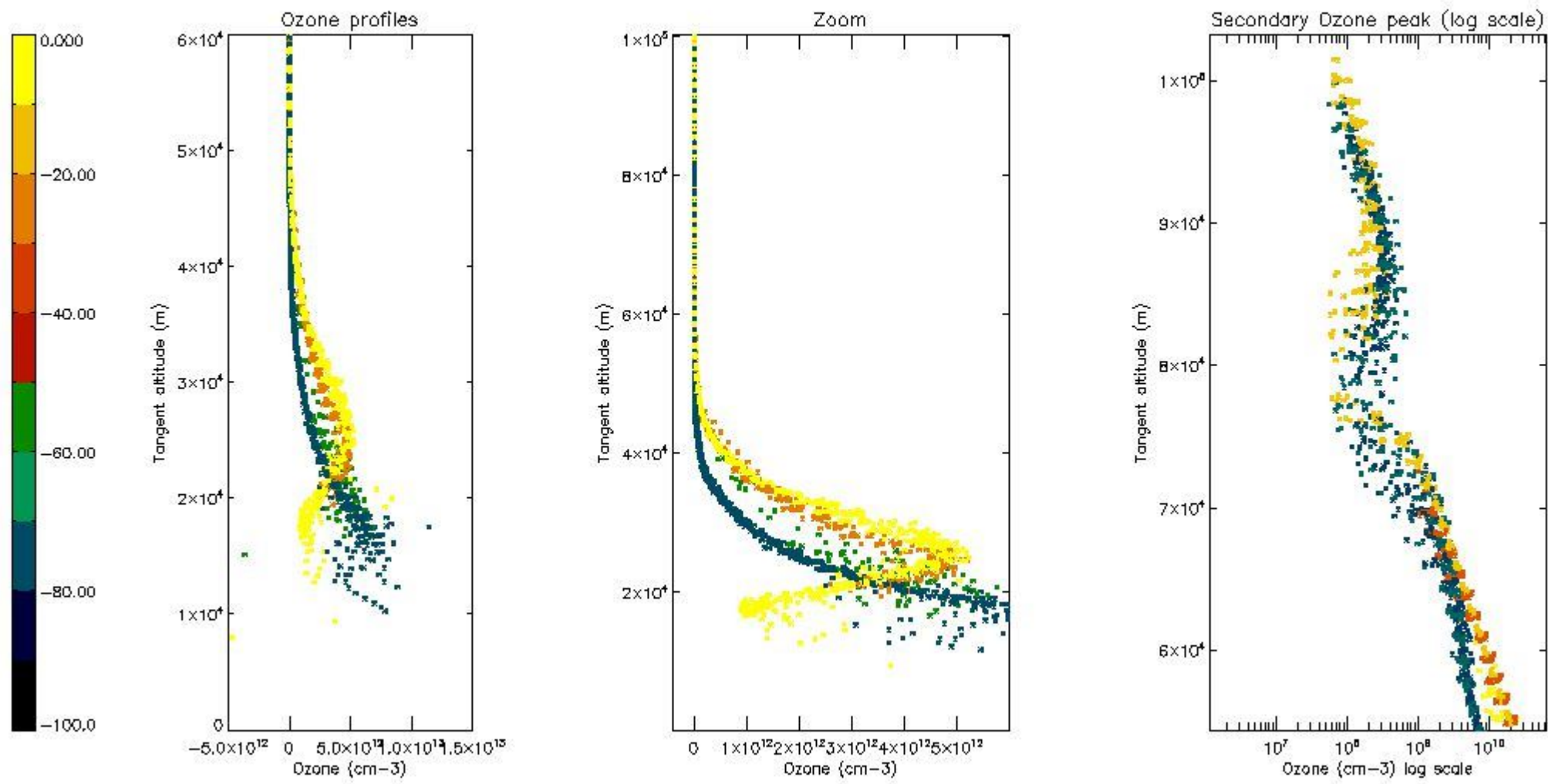
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



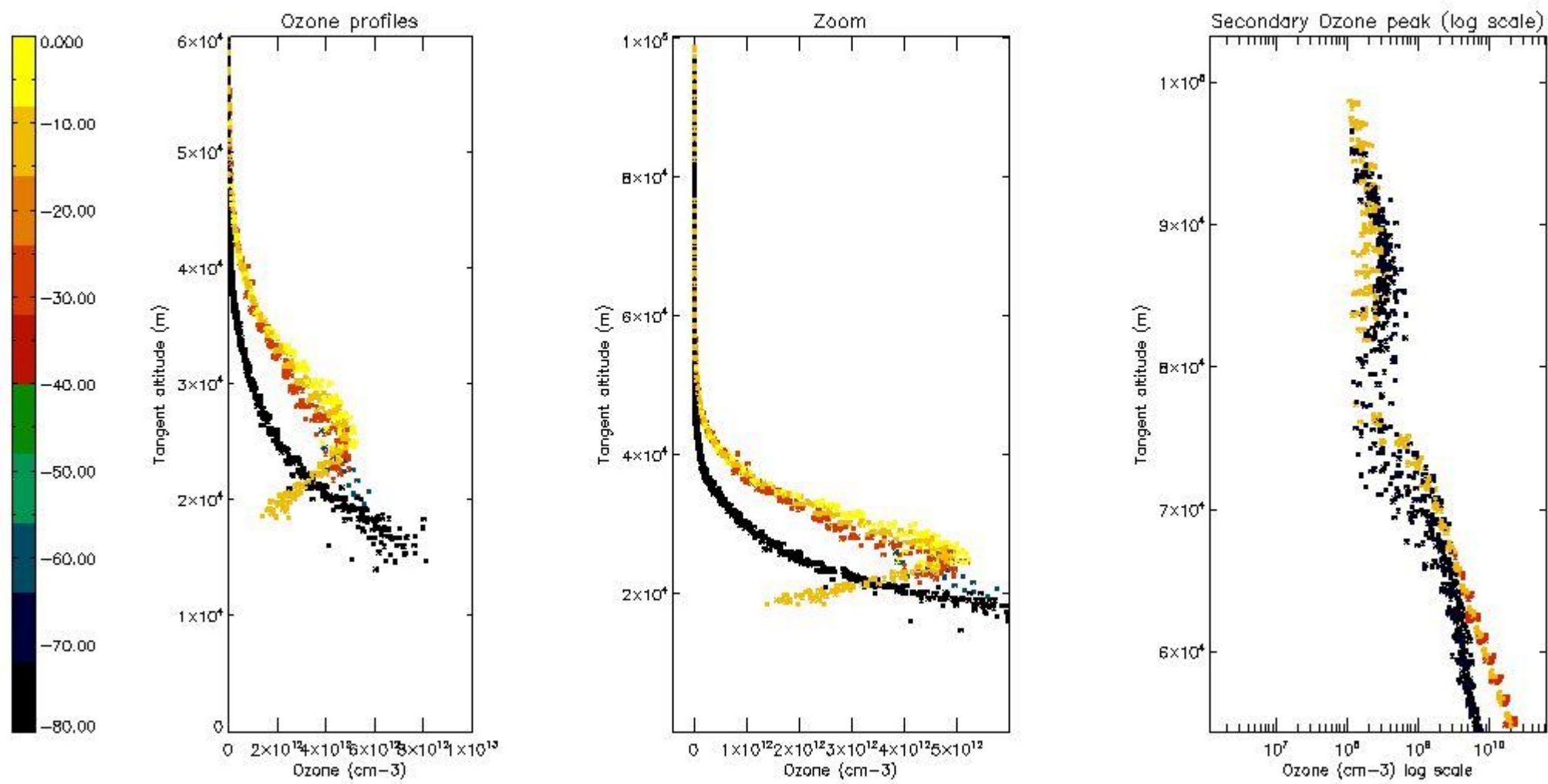
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



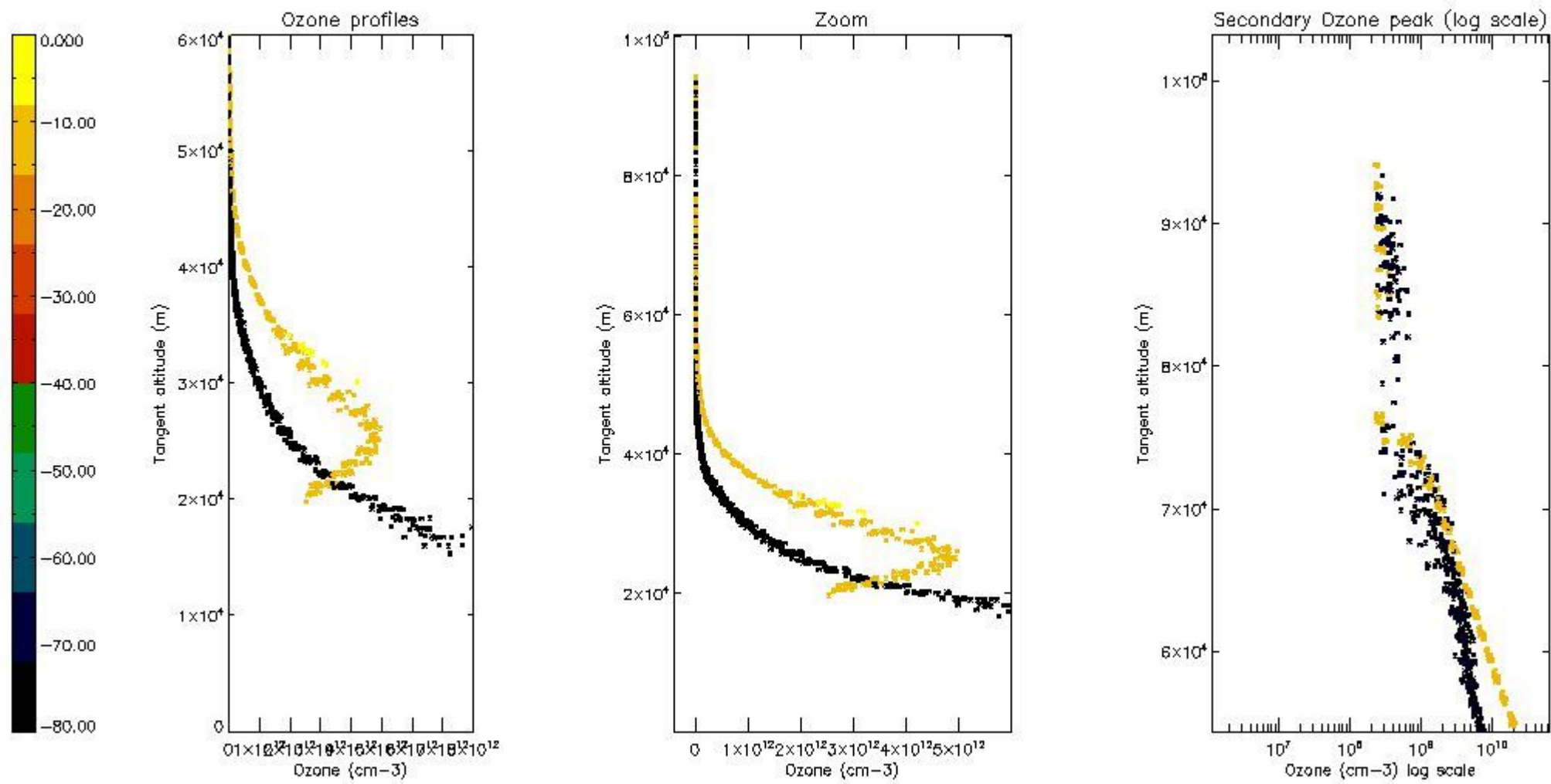
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



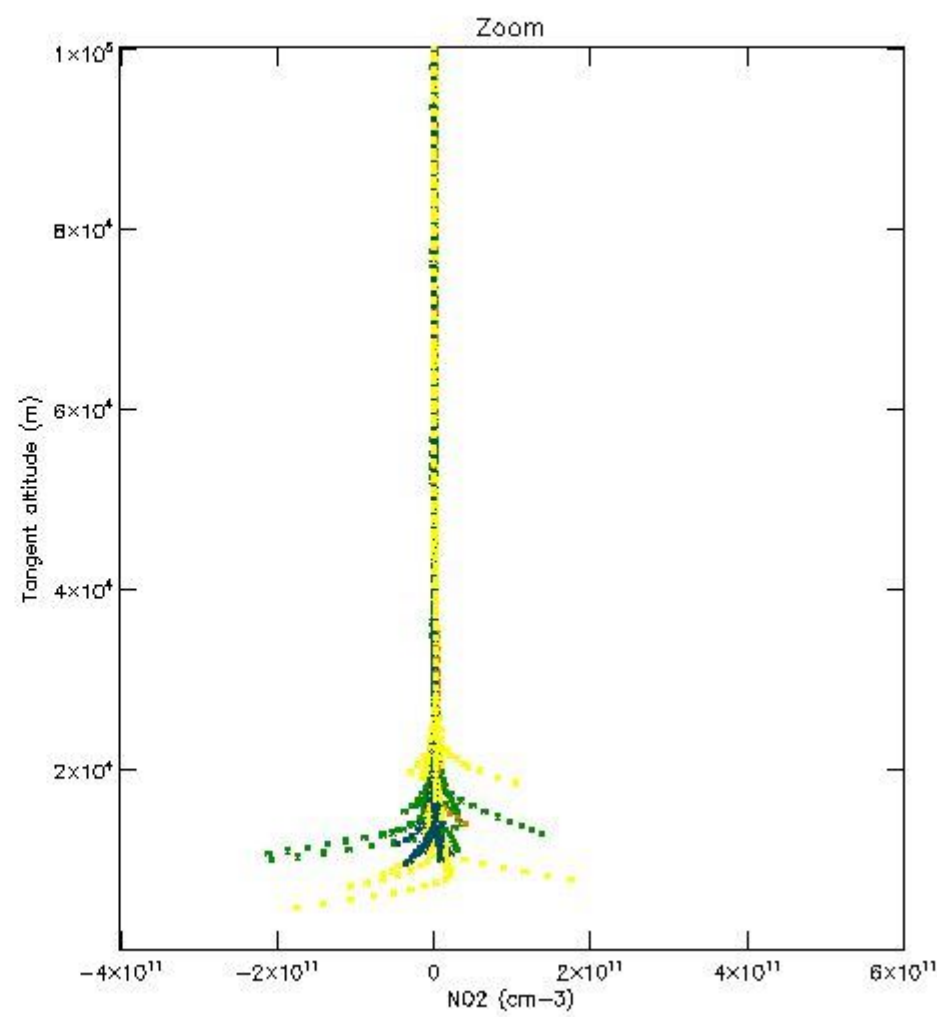
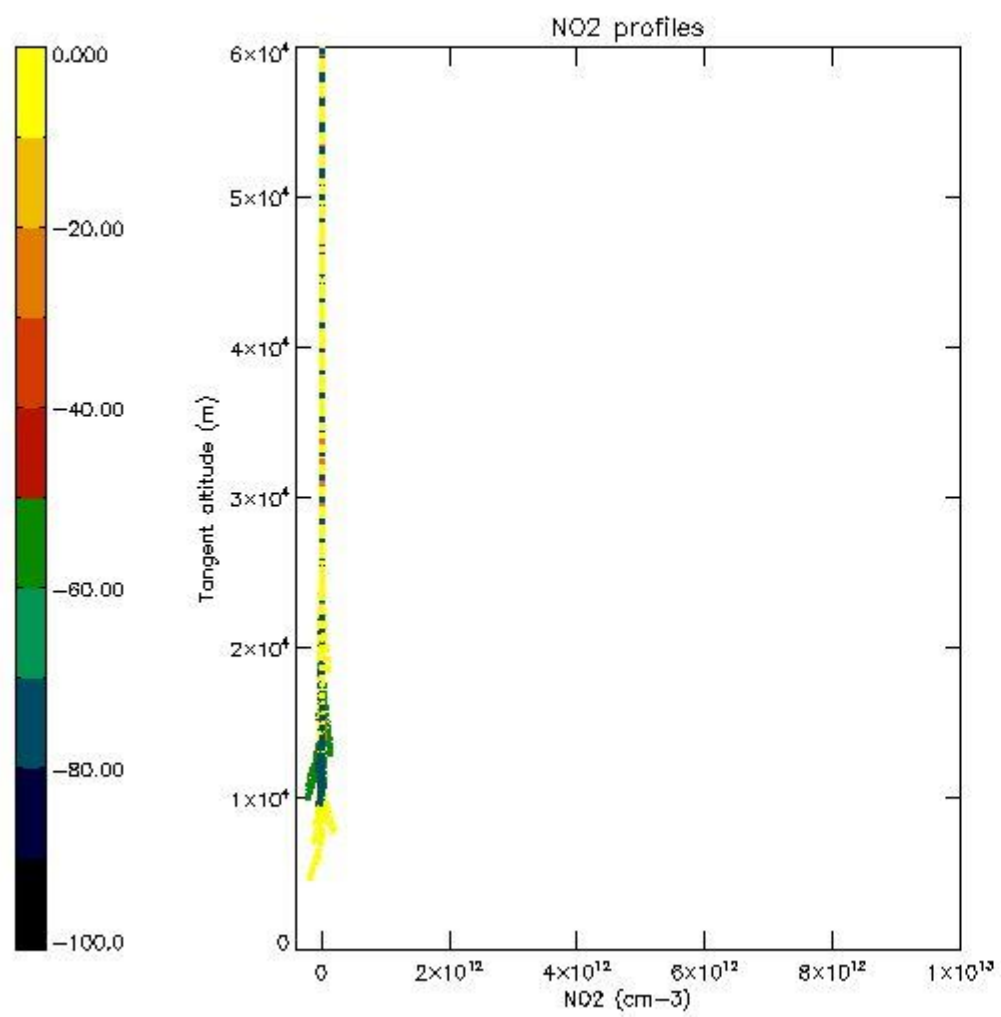
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



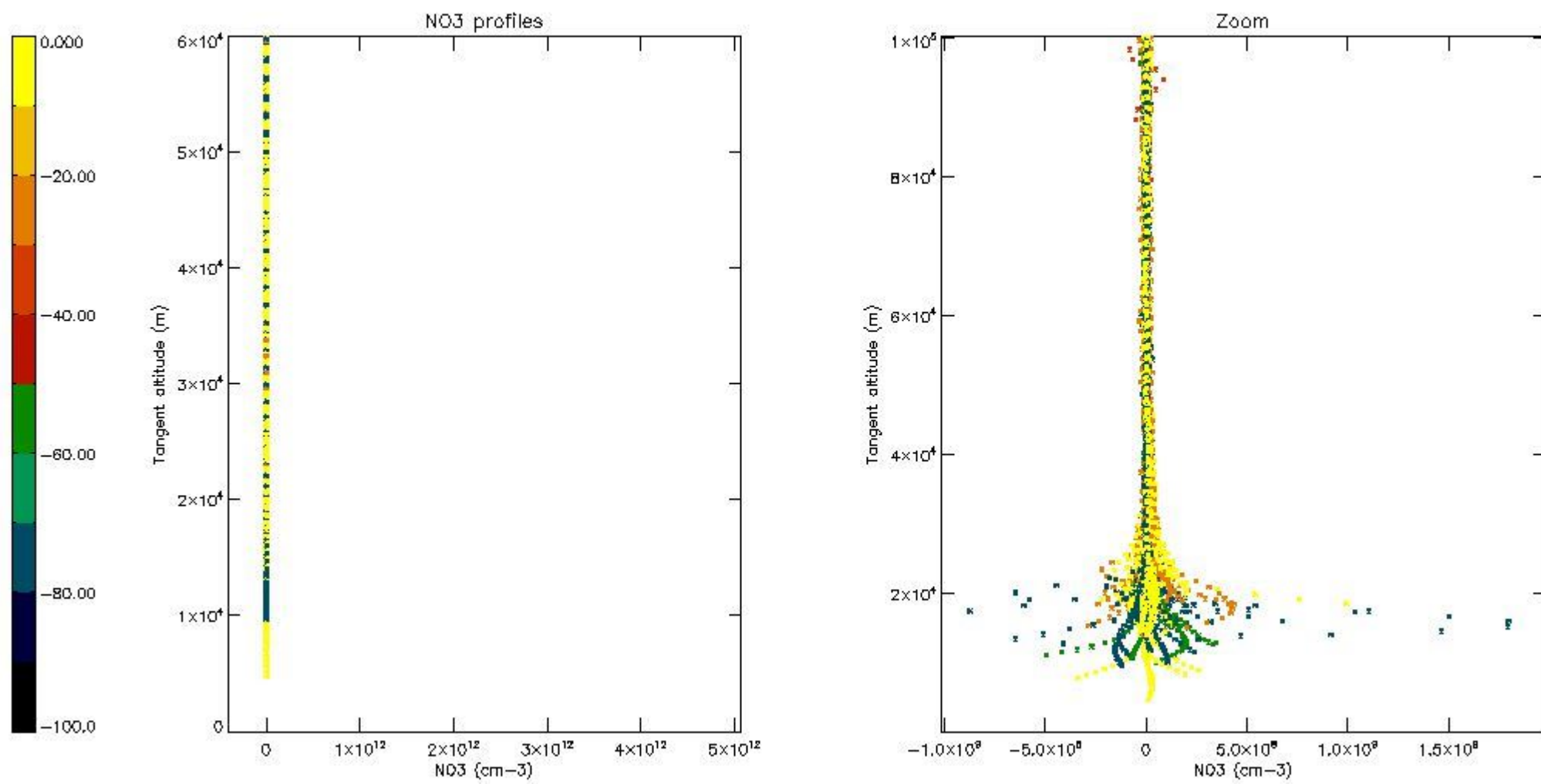
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



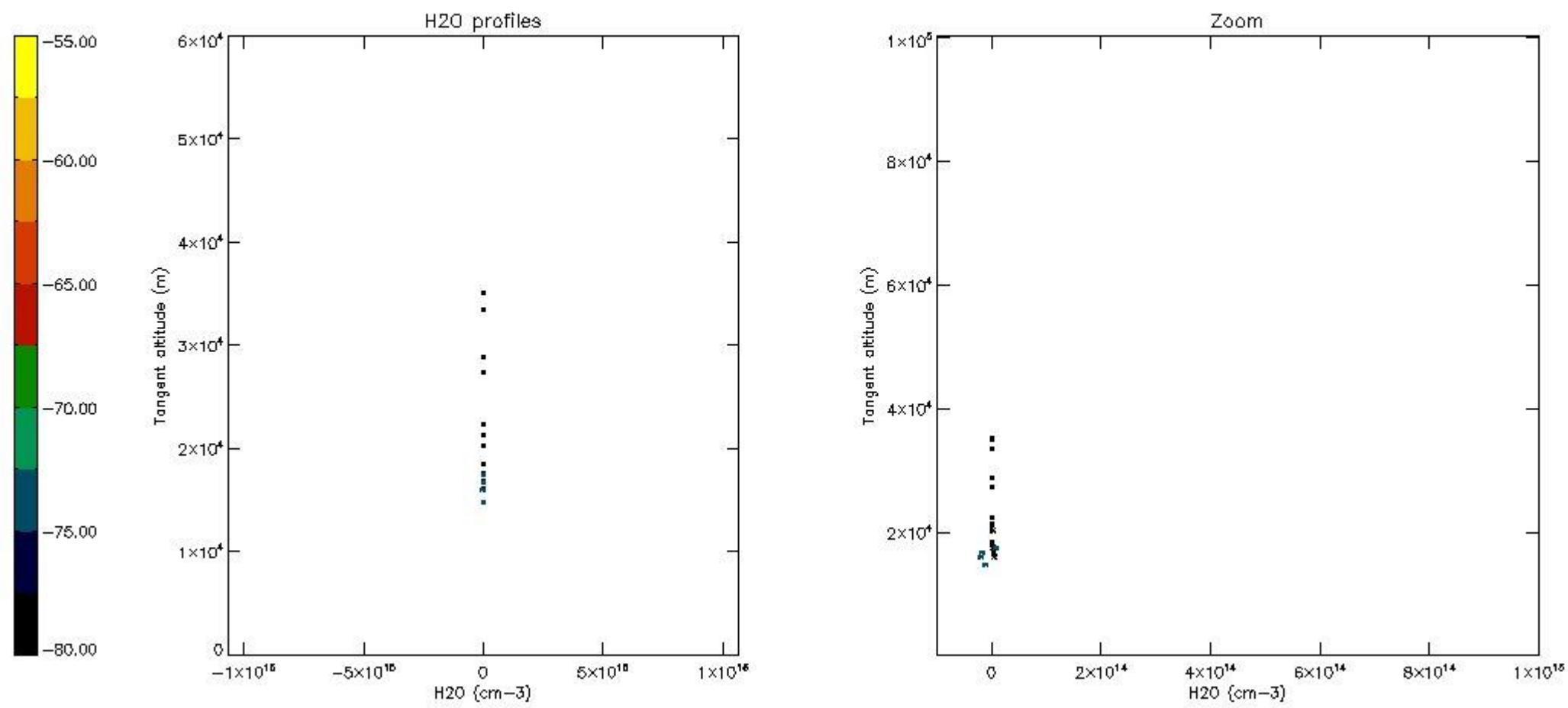
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	19-JUL-2006 00:03:08
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	19-JUL-2006 00:03:08
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	19-JUL-2006 00:03:08

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

[2. Summary of processed GOM_NL_2P products](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM_NL__2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	24APR2013 02:03:01
Data source version	GOMOS/6.01
Start time of products	19-07-2006 (19JUL2006 00:00:00)
Stop time of products	20-07-2006 (20JUL2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	296
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__2PRFIN20060719_000308_000000402049_00317_22916_0071.N1	19-JUL-2006 00:03:08	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	22916	No
2	GOM_NL__2PRFIN20060719_001104_000000402049_00317_22916_0072.N1	19-JUL-2006 00:11:04	Twi_and_stray	39.500	38	20Eps Sgr	1.8360	11000.	79	22916	No
3	GOM_NL__2PRFIN20060719_001258_000000392049_00317_22916_0073.N1	19-JUL-2006 00:12:58	Bright	39.000	57	34Sig Sgr	2.0660	26000.	78	22916	No
4	GOM_NL__2PRFIN20060719_001420_000000392049_00317_22916_0074.N1	19-JUL-2006 00:14:20	Bright	39.000	155	41Pi Sgr	2.9000	6600.0	78	22916	No
5	GOM_NL__2PRFIN20060719_002216_000000362049_00317_22916_0075.N1	19-JUL-2006 00:22:16	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	22916	No
6	GOM_NL__2PRFIN20060719_002434_000000352049_00317_22916_0076.N1	19-JUL-2006 00:24:34	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	22916	No
7	GOM_NL__2PRFIN20060719_003150_000000432049_00317_22916_0077.N1	19-JUL-2006 00:31:50	Bright	42.500	5	3Alp Lyr	0.033000	11000.	85	22916	No
8	GOM_NL__2PRFIN20060719_003517_000000342049_00317_22916_0078.N1	19-JUL-2006 00:35:17	Bright	33.500	69	33Gam Dra	2.2310	3800.0	67	22916	No
9	GOM_NL__2PRFIN20060719_003839_000000362049_00317_22916_0079.N1	19-JUL-2006 00:38:39	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22916	No
10	GOM_NL__2PRFIN20060719_004253_000000332049_00317_22916_0080.N1	19-JUL-2006 00:42:53	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	22916	No
11	GOM_NL__2PRFIN20060719_004618_000000332049_00317_22916_0081.N1	19-JUL-2006 00:46:18	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	22916	No
12	GOM_NL__2PRFIN20060719_005846_000000372049_00317_22916_0082.N1	19-JUL-2006 00:58:46	Bright	37.000	6	13Alp Aur	0.080000	3400.0	74	22916	No
13	GOM_NL__2PRFIN20060719_010236_000000372049_00317_22916_0083.N1	19-JUL-2006 01:02:36	Bright	37.000	114	3lot Aur	2.6930	4600.0	74	22916	No
14	GOM_NL__2PRFIN20060719_010744_000000522049_00317_22916_0084.N1	19-JUL-2006 01:07:44	Twilight	52.000	13	87Alp Tau	0.86700	3800.0	104	22916	No
15	GOM_NL__2PRFIN20060719_011138_000000382049_00317_22916_0085.N1	19-JUL-2006 01:11:38	Dark	38.000	72	34Del Ori	2.2500	30000.	76	22916	No
16	GOM_NL__2PRFIN20060719_011403_000000402049_00317_22916_0086.N1	19-JUL-2006 01:14:03	Dark	39.500	7	19Bet Ori	0.10000	14000.	79	22916	No
17	GOM_NL__2PRFIN20060719_011721_000000482049_00317_22916_0087.N1	19-JUL-2006 01:17:21	Dark	48.000	165	34Gam Eri	2.9500	3200.0	96	22916	No
18	GOM_NL__2PRFIN20060719_013232_000000512049_00318_22917_0068.N1	19-JUL-2006 01:32:32	Dark	51.000	9	Alp Eri	0.45300	24000.	102	22917	No
19	GOM_NL__2PRFIN20060719_013548_000000372049_00318_22917_0069.N1	19-JUL-2006 01:35:48	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22917	No
20	GOM_NL__2PRFIN20060719_013959_000000412049_00318_22917_0070.N1	19-JUL-2006 01:39:59	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	22917	No
21	GOM_NL__2PRFIN20060719_014344_000000432049_00318_22917_0071.N1	19-JUL-2006 01:43:44	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	22917	No
22	GOM_NL__2PRFIN20060719_015140_000000412049_00318_22917_0072.N1	19-JUL-2006 01:51:40	Twi_and_stray	40.500	38	20Eps Sgr	1.8360	11000.	81	22917	No
23	GOM_NL__2PRFIN20060719_015334_000000382049_00318_22917_0073.N1	19-JUL-2006 01:53:34	Bright	38.000	57	34Sig Sgr	2.0660	26000.	76	22917	No
24	GOM_NL__2PRFIN20060719_015456_000000392049_00318_22917_0074.N1	19-JUL-2006 01:54:56	Bright	39.000	155	41Pi Sgr	2.9000	6600.0	78	22917	No
25	GOM_NL__2PRFIN20060719_020252_000000352049_00318_22917_0075.N1	19-JUL-2006 02:02:52	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	22917	No
26	GOM_NL__2PRFIN20060719_020510_000000362049_00318_22917_0076.N1	19-JUL-2006 02:05:10	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	22917	No
27	GOM_NL__2PRFIN20060719_021226_000000362049_00318_22917_0077.N1	19-JUL-2006 02:12:26	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	22917	No
28	GOM_NL__2PRFIN20060719_021553_000000362049_00318_22917_0078.N1	19-JUL-2006 02:15:53	Bright	36.000	69	33Gam Dra	2.2310	3800.0	72	22917	No
29	GOM_NL__2PRFIN20060719_021915_000000362049_00318_22917_0079.N1	19-JUL-2006 02:19:15	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22917	No
30	GOM_NL__2PRFIN20060719_022329_000000332049_00318_22917_0080.N1	19-JUL-2006 02:23:29	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	22917	No
31	GOM_NL__2PRFIN20060719_022654_000000322049_00318_22917_0081.N1	19-JUL-2006 02:26:54	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	22917	No
32	GOM_NL__2PRFIN20060719_023922_000000402049_00318_22917_0082.N1	19-JUL-2006 02:39:22	Bright	40.000	6	13Alp Aur	0.080000	3400.0	80	22917	No
33	GOM_NL__2PRFIN20060719_024312_000000392049_00318_22917_0083.N1	19-JUL-2006 02:43:12	Bright	39.000	114	3lot Aur	2.6930	4600.0	78	22917	No
34	GOM_NL__2PRFIN20060719_024820_000000552049_00318_22917_0084.N1	19-JUL-2006 02:48:20	Twilight	54.500	13	87Alp Tau	0.86700	3800.0	109	22917	No
35	GOM_NL__2PRFIN20060719_025214_000000372049_00318_22917_0085.N1	19-JUL-2006 02:52:14	Dark	37.000	72	34Del Ori	2.2500	30000.	74	22917	No
36	GOM_NL__2PRFIN20060719_025439_000000442049_00318_22917_0086.N1	19-JUL-2006 02:54:39	Dark	43.500	7	19Bet Ori	0.10000	14000.	87	22917	No
37	GOM_NL__2PRFIN20060719_025757_000000442049_00318_22917_0087.N1	19-JUL-2006 02:57:57	Dark	43.500	165	34Gam Eri	2.9500	3200.0	87	22917	No
38	GOM_NL__2PRFIN20060719_030703_000000432049_00318_22917_0088.N1	19-JUL-2006 03:07:03	Dark	42.500	157	The1Eri	2.9060	9300.0	85	22917	No
39	GOM_NL__2PRFIN20060719_031309_000000502049_00319_22918_0068.N1	19-JUL-2006 03:13:09	Dark	49.500	9	Alp Eri	0.45300	24000.	99	22918	No
40	GOM_NL__2PRFIN20060719_031625_000000372049_00319_22918_0069.N1	19-JUL-2006 03:16:25	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22918	No
41	GOM_NL__2PRFIN20060719_032035_000000442049_00319_22918_0070.N1	19-JUL-2006 03:20:35	Straylight	43.500	148	Alp Tuc	2.8780	4100.0	87	22918	No
42	GOM_NL__2PRFIN20060719_032420_000000392049_00319_22918_0071.N1	19-JUL-2006 03:24:20	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	22918	No

43	GOM_NL__2PRFIN20060719_033217_000000402049_00319_22918_0072.N1	19-JUL-2006 03:32:17	Twilight	39.500	38	20Eps Sgr	1.8360	11000.	79	22918	No
44	GOM_NL__2PRFIN20060719_033410_000000392049_00319_22918_0073.N1	19-JUL-2006 03:34:10	Bright	38.500	57	34Sig Sgr	2.0660	26000.	77	22918	No
45	GOM_NL__2PRFIN20060719_033532_000000392049_00319_22918_0074.N1	19-JUL-2006 03:35:32	Bright	39.000	155	41Pi Sgr	2.9000	6600.0	78	22918	No
46	GOM_NL__2PRFIN20060719_034328_000000352049_00319_22918_0075.N1	19-JUL-2006 03:43:28	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	22918	No
47	GOM_NL__2PRFIN20060719_034546_000000362049_00319_22918_0076.N1	19-JUL-2006 03:45:46	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	22918	No
48	GOM_NL__2PRFIN20060719_035302_000000382049_00319_22918_0077.N1	19-JUL-2006 03:53:02	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	22918	No
49	GOM_NL__2PRFIN20060719_035629_000000342049_00319_22918_0078.N1	19-JUL-2006 03:56:29	Bright	34.000	69	33Gam Dra	2.2310	3800.0	68	22918	No
50	GOM_NL__2PRFIN20060719_035952_000000332049_00319_22918_0079.N1	19-JUL-2006 03:59:52	Bright	32.500	119	14Eta Dra	2.7270	4700.0	65	22918	No
51	GOM_NL__2PRFIN20060719_040406_000000352049_00319_22918_0080.N1	19-JUL-2006 04:04:06	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	22918	No
52	GOM_NL__2PRFIN20060719_040730_000000352049_00319_22918_0081.N1	19-JUL-2006 04:07:30	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	22918	No
53	GOM_NL__2PRFIN20060719_041958_000000382049_00319_22918_0082.N1	19-JUL-2006 04:19:58	Bright	37.500	6	13Alp Aur	0.080000	3400.0	75	22918	No
54	GOM_NL__2PRFIN20060719_042349_000000392049_00319_22918_0083.N1	19-JUL-2006 04:23:49	Bright	39.000	114	3Iot Aur	2.6930	4600.0	78	22918	No
55	GOM_NL__2PRFIN20060719_042856_000000472049_00319_22918_0084.N1	19-JUL-2006 04:28:56	Twilight	46.500	13	87Alp Tau	0.86700	3800.0	93	22918	No
56	GOM_NL__2PRFIN20060719_043250_000000372049_00319_22918_0085.N1	19-JUL-2006 04:32:50	Dark	36.500	72	34Del Ori	2.2500	30000.	73	22918	No
57	GOM_NL__2PRFIN20060719_043515_000000402049_00319_22918_0086.N1	19-JUL-2006 04:35:15	Dark	40.000	7	19Bet Ori	0.10000	14000.	80	22918	No
58	GOM_NL__2PRFIN20060719_043834_000000472049_00319_22918_0087.N1	19-JUL-2006 04:38:34	Dark	46.500	165	34Gam Eri	2.9500	3200.0	93	22918	No
59	GOM_NL__2PRFIN20060719_044740_000000422049_00319_22918_0088.N1	19-JUL-2006 04:47:40	Dark	41.500	157	The1Eri	2.9060	9300.0	83	22918	No
60	GOM_NL__2PRFIN20060719_045345_000000442049_00320_22919_0088.N1	19-JUL-2006 04:53:45	Dark	44.000	9	Alp Eri	0.45300	24000.	88	22919	No
61	GOM_NL__2PRFIN20060719_045701_000000372049_00320_22919_0089.N1	19-JUL-2006 04:57:01	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22919	No
62	GOM_NL__2PRFIN20060719_050112_000000432049_00320_22919_0090.N1	19-JUL-2006 05:01:12	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	22919	No
63	GOM_NL__2PRFIN20060719_050457_000000402049_00320_22919_0091.N1	19-JUL-2006 05:04:57	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	22919	No
64	GOM_NL__2PRFIN20060719_051253_000000432049_00320_22919_0092.N1	19-JUL-2006 05:12:53	Twilight	42.500	38	20Eps Sgr	1.8360	11000.	85	22919	No
65	GOM_NL__2PRFIN20060719_051447_000000392049_00320_22919_0093.N1	19-JUL-2006 05:14:47	Bright	39.000	57	34Sig Sgr	2.0660	26000.	78	22919	No
66	GOM_NL__2PRFIN20060719_051608_000000392049_00320_22919_0094.N1	19-JUL-2006 05:16:08	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	22919	No
67	GOM_NL__2PRFIN20060719_052405_000000352049_00320_22919_0095.N1	19-JUL-2006 05:24:05	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	22919	No
68	GOM_NL__2PRFIN20060719_052622_000000342049_00320_22919_0096.N1	19-JUL-2006 05:26:22	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	22919	No
69	GOM_NL__2PRFIN20060719_053338_000000412049_00320_22919_0097.N1	19-JUL-2006 05:33:38	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	22919	No
70	GOM_NL__2PRFIN20060719_053705_000000372049_00320_22919_0098.N1	19-JUL-2006 05:37:05	Bright	36.500	69	33Gam Dra	2.2310	3800.0	73	22919	No
71	GOM_NL__2PRFIN20060719_054028_000000362049_00320_22919_0099.N1	19-JUL-2006 05:40:28	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22919	No
72	GOM_NL__2PRFIN20060719_054442_000000522049_00320_22919_0100.N1	19-JUL-2006 05:44:42	Bright	52.000	60	7Bet UMi	2.0810	3950.0	104	22919	No
73	GOM_NL__2PRFIN20060719_054805_000000352049_00320_22919_0101.N1	19-JUL-2006 05:48:05	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	22919	No
74	GOM_NL__2PRFIN20060719_060034_000000382049_00320_22919_0102.N1	19-JUL-2006 06:00:34	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	22919	No
75	GOM_NL__2PRFIN20060719_060425_000000382049_00320_22919_0103.N1	19-JUL-2006 06:04:25	Bright	38.000	114	3Iot Aur	2.6930	4600.0	76	22919	No
76	GOM_NL__2PRFIN20060719_060933_000000472049_00320_22919_0104.N1	19-JUL-2006 06:09:33	Twilight	47.000	13	87Alp Tau	0.86700	3800.0	94	22919	No
77	GOM_NL__2PRFIN20060719_061326_000000372049_00320_22919_0105.N1	19-JUL-2006 06:13:26	Dark	37.000	72	34Del Ori	2.2500	30000.	74	22919	No
78	GOM_NL__2PRFIN20060719_061551_000000432049_00320_22919_0106.N1	19-JUL-2006 06:15:51	Dark	42.500	7	19Bet Ori	0.10000	14000.	85	22919	No
79	GOM_NL__2PRFIN20060719_061910_000000502049_00320_22919_0107.N1	19-JUL-2006 06:19:10	Dark	50.000	165	34Gam Eri	2.9500	3200.0	100	22919	No
80	GOM_NL__2PRFIN20060719_062817_000000412049_00320_22919_0108.N1	19-JUL-2006 06:28:17	Dark	40.500	157	The1Eri	2.9060	9300.0	81	22919	No
81	GOM_NL__2PRFIN20060719_063422_000000552049_00321_22920_0088.N1	19-JUL-2006 06:34:22	Dark	54.500	9	Alp Eri	0.45300	24000.	109	22920	No
82	GOM_NL__2PRFIN20060719_063737_000000362049_00321_22920_0089.N1	19-JUL-2006 06:37:37	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	22920	No
83	GOM_NL__2PRFIN20060719_064148_000000432049_00321_22920_0090.N1	19-JUL-2006 06:41:48	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	22920	No
84	GOM_NL__2PRFIN20060719_064533_000000392049_00321_22920_0091.N1	19-JUL-2006 06:45:33	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	22920	No
85	GOM_NL__2PRFIN20060719_065329_000000432049_00321_22920_0092.N1	19-JUL-2006 06:53:29	Twilight	42.500	38	20Eps Sgr	1.8360	11000.	85	22920	No
86	GOM_NL__2PRFIN20060719_065523_000000402049_00321_22920_0093.N1	19-JUL-2006 06:55:23	Bright	39.500	57	34Sig Sgr	2.0660	26000.	79	22920	No
87	GOM_NL__2PRFIN20060719_065644_000000392049_00321_22920_0094.N1	19-JUL-2006 06:56:44	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	22920	No
88	GOM_NL__2PRFIN20060719_070441_000000352049_00321_22920_0095.N1	19-JUL-2006 07:04:41	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	22920	No
89	GOM_NL__2PRFIN20060719_070658_000000372049_00321_22920_0096.N1	19-JUL-2006 07:06:58	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	22920	No
90	GOM_NL__2PRFIN20060719_071413_000000382049_00321_22920_0097.N1	19-JUL-2006 07:14:13	Bright	37.500	5	3Alp Lyr	0.033000	11000.	75	22920	No
91	GOM_NL__2PRFIN20060719_071741_000000372049_00321_22920_0098.N1	19-JUL-2006 07:17:41	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	22920	No
92	GOM_NL__2PRFIN20060719_072104_000000352049_00321_22920_0099.N1	19-JUL-2006 07:21:04	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	22920	No
93	GOM_NL__2PRFIN20060719_072518_000000372049_00321_22920_0100.N1	19-JUL-2006 07:25:18	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	22920	No
94	GOM_NL__2PRFIN20060719_072842_000000352049_00321_22920_0101.N1	19-JUL-2006 07:28:42	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	22920	No
95	GOM_NL__2PRFIN20060719_074110_000000382049_00321_22920_0102.N1	19-JUL-2006 07:41:10	Bright	37.500	6	13Alp Aur	0.080000	3400.0	75	22920	No
96	GOM_NL__2PRFIN20060719_074501_000000522049_00321_22920_0103.N1	19-JUL-2006 07:45:01	Bright	51.500	114	3Iot Aur	2.6930	4600.0	103	22920	No
97	GOM_NL__2PRFIN20060719_075009_000000502049_00321_22920_0104.N1	19-JUL-2006 07:50:09	Twilight	50.000	13	87Alp Tau	0.86700	3800.0	100	22920	No
98	GOM_NL__2PRFIN20060719_075403_000000382049_00321_22920_0105.N1	19-JUL-2006 07:54:03	Dark	38.000	72	34Del Ori	2.2500	30000.	76	22920	No
99	GOM_NL__2PRFIN20060719_075628_000000362049_00321_22920_0106.N1	19-JUL-2006 07:56:28	Dark	36.000	7	19Bet Ori	0.10000	14000.	72	22920	No
100	GOM_NL__2PRFIN20060719_075947_000000492049_00321_22920_0107.N1	19-JUL-2006 07:59:47	Dark	49.000	165	34Gam Eri	2.9500	3200.0	98	22920	No
101	GOM_NL__2PRFIN20060719_080853_000000432049_00321_22920_0108.N1	19-JUL-2006 08:08:53	Dark	42.500	157	The1Eri	2.9060	9300.0	85	22920	No

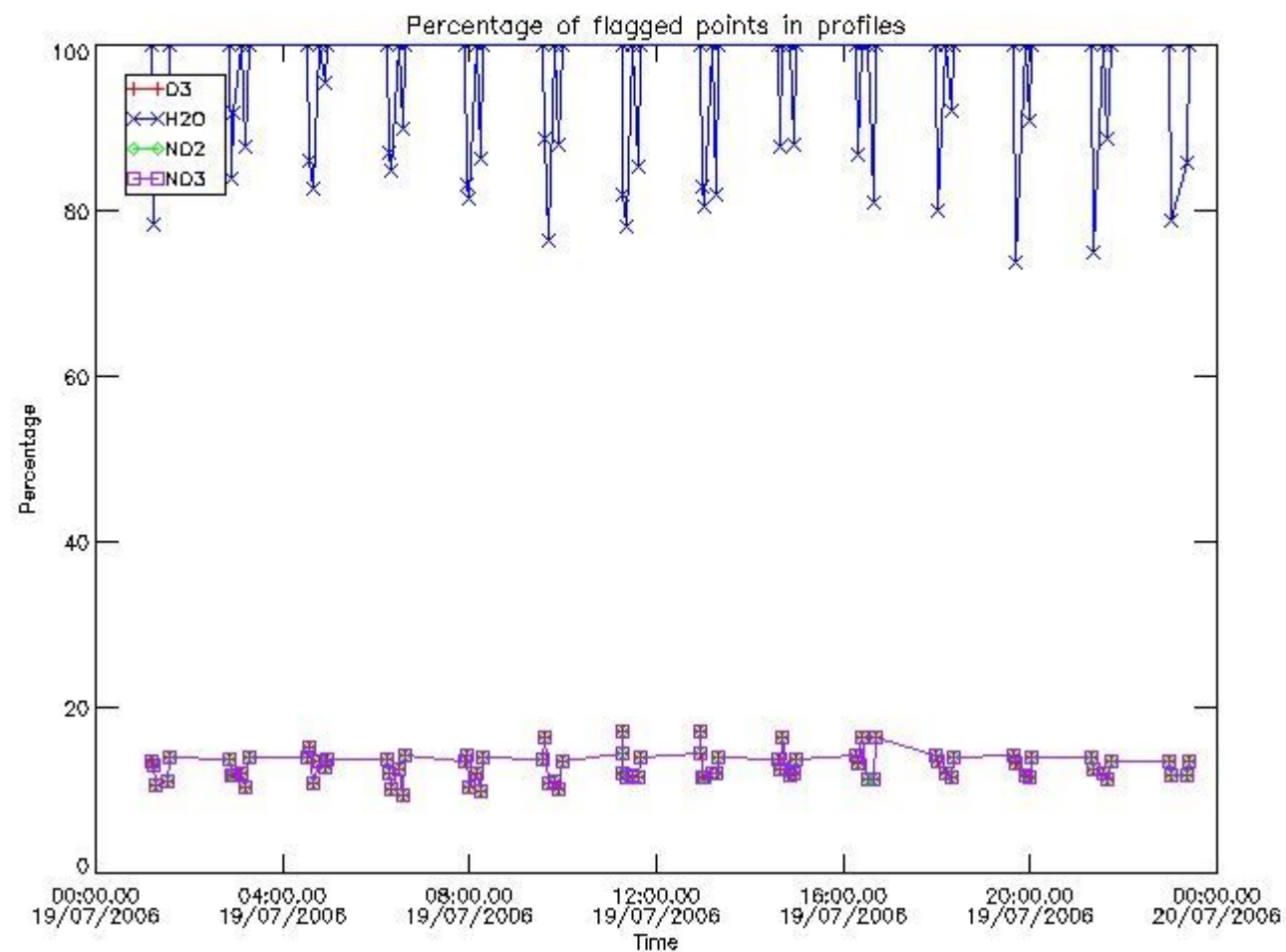
102	GOM_NL__2PRFIN20060719_081459_000000522049_00322_22921_0088.N1	19-JUL-2006 08:14:59	Dark	51.500	9	Alp Eri	0.45300	24000.	103	22921	No
103	GOM_NL__2PRFIN20060719_081813_000000372049_00322_22921_0089.N1	19-JUL-2006 08:18:13	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22921	No
104	GOM_NL__2PRFIN20060719_082225_000000422049_00322_22921_0090.N1	19-JUL-2006 08:22:25	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	22921	No
105	GOM_NL__2PRFIN20060719_082609_000000392049_00322_22921_0091.N1	19-JUL-2006 08:26:09	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	22921	No
106	GOM_NL__2PRFIN20060719_083405_000000432049_00322_22921_0092.N1	19-JUL-2006 08:34:05	Tw_i_and_stray	42.500	38	20Eps Sgr	1.8360	11000.	85	22921	No
107	GOM_NL__2PRFIN20060719_083559_000000392049_00322_22921_0093.N1	19-JUL-2006 08:35:59	Bright	38.500	57	34Sig Sgr	2.0660	26000.	77	22921	No
108	GOM_NL__2PRFIN20060719_083720_000000382049_00322_22921_0094.N1	19-JUL-2006 08:37:20	Bright	38.000	155	41Pi Sgr	2.9000	6600.0	76	22921	No
109	GOM_NL__2PRFIN20060719_084517_000000352049_00322_22921_0095.N1	19-JUL-2006 08:45:17	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	22921	No
110	GOM_NL__2PRFIN20060719_084735_000000352049_00322_22921_0096.N1	19-JUL-2006 08:47:35	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	22921	No
111	GOM_NL__2PRFIN20060719_085449_000000402049_00322_22921_0097.N1	19-JUL-2006 08:54:49	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	22921	No
112	GOM_NL__2PRFIN20060719_085816_000000362049_00322_22921_0098.N1	19-JUL-2006 08:58:16	Bright	36.000	69	33Gam Dra	2.2310	3800.0	72	22921	No
113	GOM_NL__2PRFIN20060719_090140_000000362049_00322_22921_0099.N1	19-JUL-2006 09:01:40	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22921	No
114	GOM_NL__2PRFIN20060719_090554_000000352049_00322_22921_0100.N1	19-JUL-2006 09:05:54	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	22921	No
115	GOM_NL__2PRFIN20060719_090917_000000352049_00322_22921_0101.N1	19-JUL-2006 09:09:17	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	22921	No
116	GOM_NL__2PRFIN20060719_092146_000000532049_00322_22921_0102.N1	19-JUL-2006 09:21:46	Bright	53.000	6	13Alp Aur	0.080000	3400.0	106	22921	No
117	GOM_NL__2PRFIN20060719_092537_000000392049_00322_22921_0103.N1	19-JUL-2006 09:25:37	Bright	39.000	114	3lot Aur	2.6930	4600.0	78	22921	No
118	GOM_NL__2PRFIN20060719_093045_000000472049_00322_22921_0104.N1	19-JUL-2006 09:30:45	Twilight	47.000	13	87Alp Tau	0.86700	3800.0	94	22921	No
119	GOM_NL__2PRFIN20060719_093439_000000372049_00322_22921_0105.N1	19-JUL-2006 09:34:39	Dark	37.000	72	34Del Ori	2.2500	30000.	74	22921	No
120	GOM_NL__2PRFIN20060719_093704_000000412049_00322_22921_0106.N1	19-JUL-2006 09:37:04	Dark	40.500	7	19Bet Ori	0.10000	14000.	81	22921	No
121	GOM_NL__2PRFIN20060719_094023_000000472049_00322_22921_0107.N1	19-JUL-2006 09:40:23	Dark	47.000	165	34Gam Eri	2.9500	3200.0	94	22921	No
122	GOM_NL__2PRFIN20060719_094930_000000462049_00322_22921_0108.N1	19-JUL-2006 09:49:30	Dark	46.000	157	The1Eri	2.9060	9300.0	92	22921	No
123	GOM_NL__2PRFIN20060719_095535_000000502049_00323_22922_0088.N1	19-JUL-2006 09:55:35	Dark	50.000	9	Alp Eri	0.45300	24000.	100	22922	No
124	GOM_NL__2PRFIN20060719_095849_000000382049_00323_22922_0089.N1	19-JUL-2006 09:58:49	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	22922	No
125	GOM_NL__2PRFIN20060719_100301_000000442049_00323_22922_0090.N1	19-JUL-2006 10:03:01	Straylight	44.000	148	Alp Tuc	2.8780	4100.0	88	22922	No
126	GOM_NL__2PRFIN20060719_100646_000000412049_00323_22922_0091.N1	19-JUL-2006 10:06:46	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	22922	No
127	GOM_NL__2PRFIN20060719_101441_000000412049_00323_22922_0092.N1	19-JUL-2006 10:14:41	Tw_i_and_stray	41.000	38	20Eps Sgr	1.8360	11000.	82	22922	No
128	GOM_NL__2PRFIN20060719_101635_000000392049_00323_22922_0093.N1	19-JUL-2006 10:16:35	Bright	38.500	57	34Sig Sgr	2.0660	26000.	77	22922	No
129	GOM_NL__2PRFIN20060719_101756_000000382049_00323_22922_0094.N1	19-JUL-2006 10:17:56	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	22922	No
130	GOM_NL__2PRFIN20060719_102553_000000372049_00323_22922_0095.N1	19-JUL-2006 10:25:53	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	22922	No
131	GOM_NL__2PRFIN20060719_102811_000000372049_00323_22922_0096.N1	19-JUL-2006 10:28:11	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	22922	No
132	GOM_NL__2PRFIN20060719_103525_000000372049_00323_22922_0097.N1	19-JUL-2006 10:35:25	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	22922	No
133	GOM_NL__2PRFIN20060719_103852_000000392049_00323_22922_0098.N1	19-JUL-2006 10:38:52	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	22922	No
134	GOM_NL__2PRFIN20060719_104216_000000362049_00323_22922_0099.N1	19-JUL-2006 10:42:16	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22922	No
135	GOM_NL__2PRFIN20060719_104630_000000352049_00323_22922_0100.N1	19-JUL-2006 10:46:30	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	22922	No
136	GOM_NL__2PRFIN20060719_104953_000000362049_00323_22922_0101.N1	19-JUL-2006 10:49:53	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	22922	No
137	GOM_NL__2PRFIN20060719_110222_000000372049_00323_22922_0102.N1	19-JUL-2006 11:02:22	Bright	36.500	6	13Alp Aur	0.080000	3400.0	73	22922	No
138	GOM_NL__2PRFIN20060719_110613_000000392049_00323_22922_0103.N1	19-JUL-2006 11:06:13	Bright	38.500	114	3lot Aur	2.6930	4600.0	77	22922	No
139	GOM_NL__2PRFIN20060719_111121_000000472049_00323_22922_0104.N1	19-JUL-2006 11:11:21	Twilight	46.500	13	87Alp Tau	0.86700	3800.0	93	22922	No
140	GOM_NL__2PRFIN20060719_111527_000000362049_00323_22922_0105.N1	19-JUL-2006 11:15:27	Dark	35.500	30	46Eps Ori	1.6940	30000.	71	22922	No
141	GOM_NL__2PRFIN20060719_111645_000000332049_00323_22922_0106.N1	19-JUL-2006 11:16:45	Dark	33.000	125	44lot Ori	2.7700	30000.	66	22922	No
142	GOM_NL__2PRFIN20060719_111740_000000422049_00323_22922_0107.N1	19-JUL-2006 11:17:40	Dark	42.000	7	19Bet Ori	0.10000	14000.	84	22922	No
143	GOM_NL__2PRFIN20060719_112100_000000442049_00323_22922_0108.N1	19-JUL-2006 11:21:00	Dark	44.000	165	34Gam Eri	2.9500	3200.0	88	22922	No
144	GOM_NL__2PRFIN20060719_113007_000000432049_00323_22922_0109.N1	19-JUL-2006 11:30:07	Dark	43.000	157	The1Eri	2.9060	9300.0	86	22922	No
145	GOM_NL__2PRFIN20060719_113612_000000452049_00324_22923_0088.N1	19-JUL-2006 11:36:12	Dark	44.500	9	Alp Eri	0.45300	24000.	89	22923	No
146	GOM_NL__2PRFIN20060719_113926_000000372049_00324_22923_0089.N1	19-JUL-2006 11:39:26	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22923	No
147	GOM_NL__2PRFIN20060719_114337_000000412049_00324_22923_0090.N1	19-JUL-2006 11:43:37	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	22923	No
148	GOM_NL__2PRFIN20060719_114722_000000402049_00324_22923_0091.N1	19-JUL-2006 11:47:22	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	22923	No
149	GOM_NL__2PRFIN20060719_115517_000000412049_00324_22923_0092.N1	19-JUL-2006 11:55:17	Tw_i_and_stray	40.500	38	20Eps Sgr	1.8360	11000.	81	22923	No
150	GOM_NL__2PRFIN20060719_115711_000000392049_00324_22923_0093.N1	19-JUL-2006 11:57:11	Bright	38.500	57	34Sig Sgr	2.0660	26000.	77	22923	No
151	GOM_NL__2PRFIN20060719_115832_000000392049_00324_22923_0094.N1	19-JUL-2006 11:58:32	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	22923	No
152	GOM_NL__2PRFIN20060719_120629_000000372049_00324_22923_0095.N1	19-JUL-2006 12:06:29	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	22923	No
153	GOM_NL__2PRFIN20060719_120847_000000372049_00324_22923_0096.N1	19-JUL-2006 12:08:47	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	22923	No
154	GOM_NL__2PRFIN20060719_121601_000000402049_00324_22923_0097.N1	19-JUL-2006 12:16:01	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	22923	No
155	GOM_NL__2PRFIN20060719_121928_000000392049_00324_22923_0098.N1	19-JUL-2006 12:19:28	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	22923	No
156	GOM_NL__2PRFIN20060719_122252_000000442049_00324_22923_0099.N1	19-JUL-2006 12:22:52	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	22923	No
157	GOM_NL__2PRFIN20060719_122706_000000362049_00324_22923_0100.N1	19-JUL-2006 12:27:06	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	22923	No
158	GOM_NL__2PRFIN20060719_123029_000000522049_00324_22923_0101.N1	19-JUL-2006 12:30:29	Bright	52.000	49	1Alp UMi	1.9900	6300.0	104	22923	No
159	GOM_NL__2PRFIN20060719_124258_000000382049_00324_22923_0102.N1	19-JUL-2006 12:42:58	Bright	37.500	6	13Alp Aur	0.080000	3400.0	75	22923	No
160	GOM_NL__2PRFIN20060719_124649_000000382049_00324_22923_0103.N1	19-JUL-2006 12:46:49	Bright	37.500	114	3lot Aur	2.6930	4600.0	75	22923	No

279	GOM_NL__2PRFIN20060719_222304_000000382049_00330_22929_0118.N1	19-JUL-2006 22:23:04	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	22929	No
280	GOM_NL__2PRFIN20060719_222629_000000522049_00330_22929_0119.N1	19-JUL-2006 22:26:29	Bright	52.000	119	14Eta Dra	2.7270	4700.0	104	22929	No
281	GOM_NL__2PRFIN20060719_223043_000000352049_00330_22929_0120.N1	19-JUL-2006 22:30:43	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	22929	No
282	GOM_NL__2PRFIN20060719_223405_000000362049_00330_22929_0121.N1	19-JUL-2006 22:34:05	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22929	No
283	GOM_NL__2PRFIN20060719_224635_000000382049_00330_22929_0122.N1	19-JUL-2006 22:46:35	Bright	37.500	6	13Alp Aur	0.080000	3400.0	75	22929	No
284	GOM_NL__2PRFIN20060719_225025_000000542049_00330_22929_0123.N1	19-JUL-2006 22:50:25	Bright	54.000	114	3Iot Aur	2.6930	4600.0	108	22929	No
285	GOM_NL__2PRFIN20060719_225535_000000492049_00330_22929_0124.N1	19-JUL-2006 22:55:35	Twilight	48.500	13	87Alp Tau	0.86700	3800.0	97	22929	No
286	GOM_NL__2PRFIN20060719_225940_000000382049_00330_22929_0125.N1	19-JUL-2006 22:59:40	Dark	37.500	30	46Eps Ori	1.6940	30000.	75	22929	No
287	GOM_NL__2PRFIN20060719_230153_000000432049_00330_22929_0126.N1	19-JUL-2006 23:01:53	Dark	42.500	7	19Bet Ori	0.10000	14000.	85	22929	No
288	GOM_NL__2PRFIN20060719_232027_000000432049_00331_22930_0108.N1	19-JUL-2006 23:20:27	Dark	43.000	9	Alp Eri	0.45300	24000.	86	22930	No
289	GOM_NL__2PRFIN20060719_232339_000000382049_00331_22930_0109.N1	19-JUL-2006 23:23:39	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	22930	No
290	GOM_NL__2PRFIN20060719_232752_000000392049_00331_22930_0110.N1	19-JUL-2006 23:27:52	Straylight	39.000	148	Alp Tuc	2.8780	4100.0	78	22930	No
291	GOM_NL__2PRFIN20060719_233136_000000382049_00331_22930_0111.N1	19-JUL-2006 23:31:36	Straylight	38.000	45	Alp Pav	1.9400	26000.	76	22930	No
292	GOM_NL__2PRFIN20060719_233930_000000402049_00331_22930_0112.N1	19-JUL-2006 23:39:30	Twilight	40.000	38	20Eps Sgr	1.8360	11000.	80	22930	No
293	GOM_NL__2PRFIN20060719_234124_000000392049_00331_22930_0113.N1	19-JUL-2006 23:41:24	Bright	39.000	57	34Sig Sgr	2.0660	26000.	78	22930	No
294	GOM_NL__2PRFIN20060719_234245_000000392049_00331_22930_0114.N1	19-JUL-2006 23:42:45	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	22930	No
295	GOM_NL__2PRFIN20060719_235042_000000362049_00331_22930_0115.N1	19-JUL-2006 23:50:42	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	22930	No
296	GOM_NL__2PRFIN20060719_235300_000000322049_00331_22930_0116.N1	19-JUL-2006 23:53:00	Bright	32.000	59	55Alp Oph	2.0800	8900.0	64	22930	No

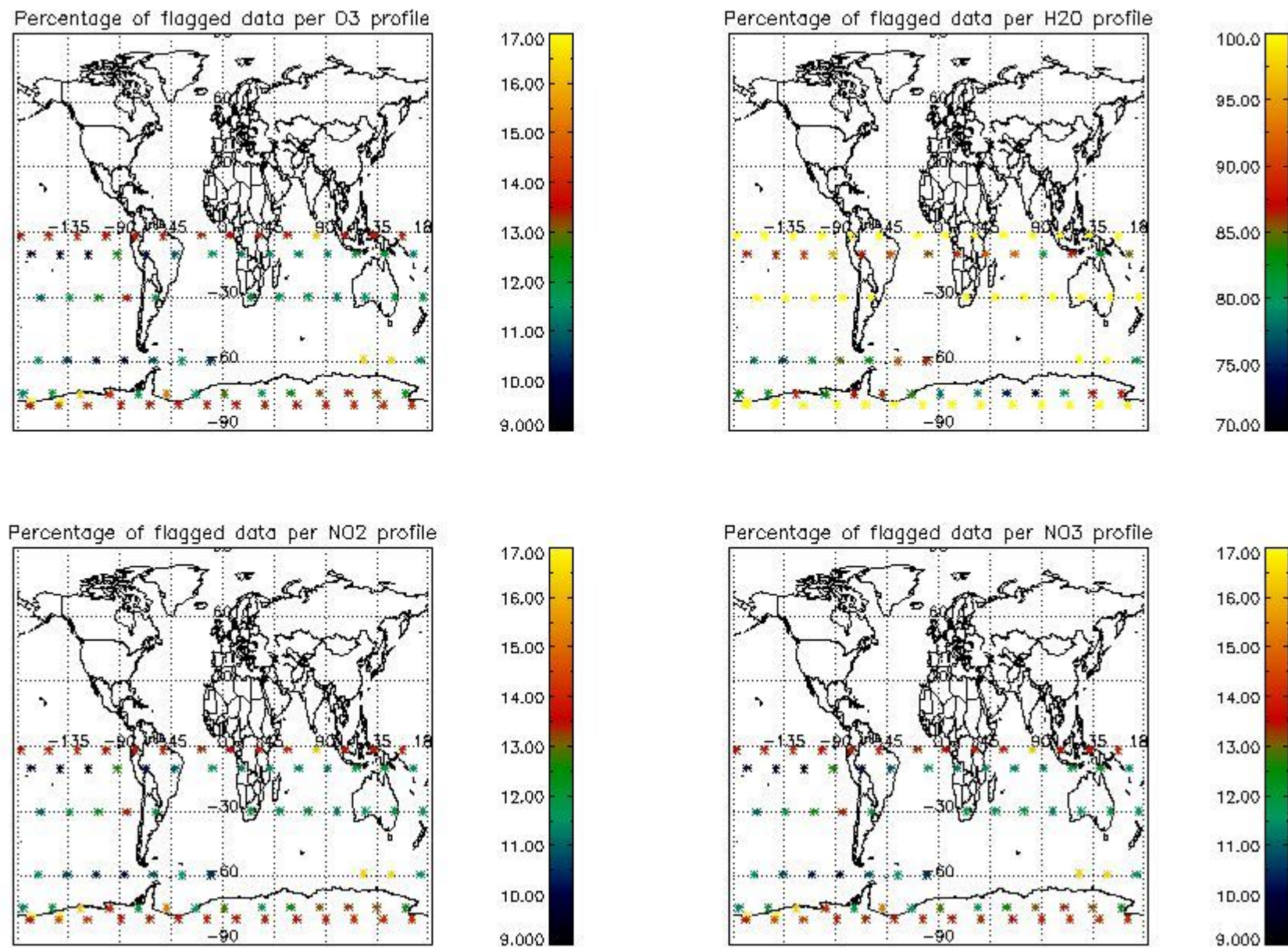
3. Quality information per product

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

3.1 Plot quality information per product (time dependant)



3.2 Plot quality information per product (world map)

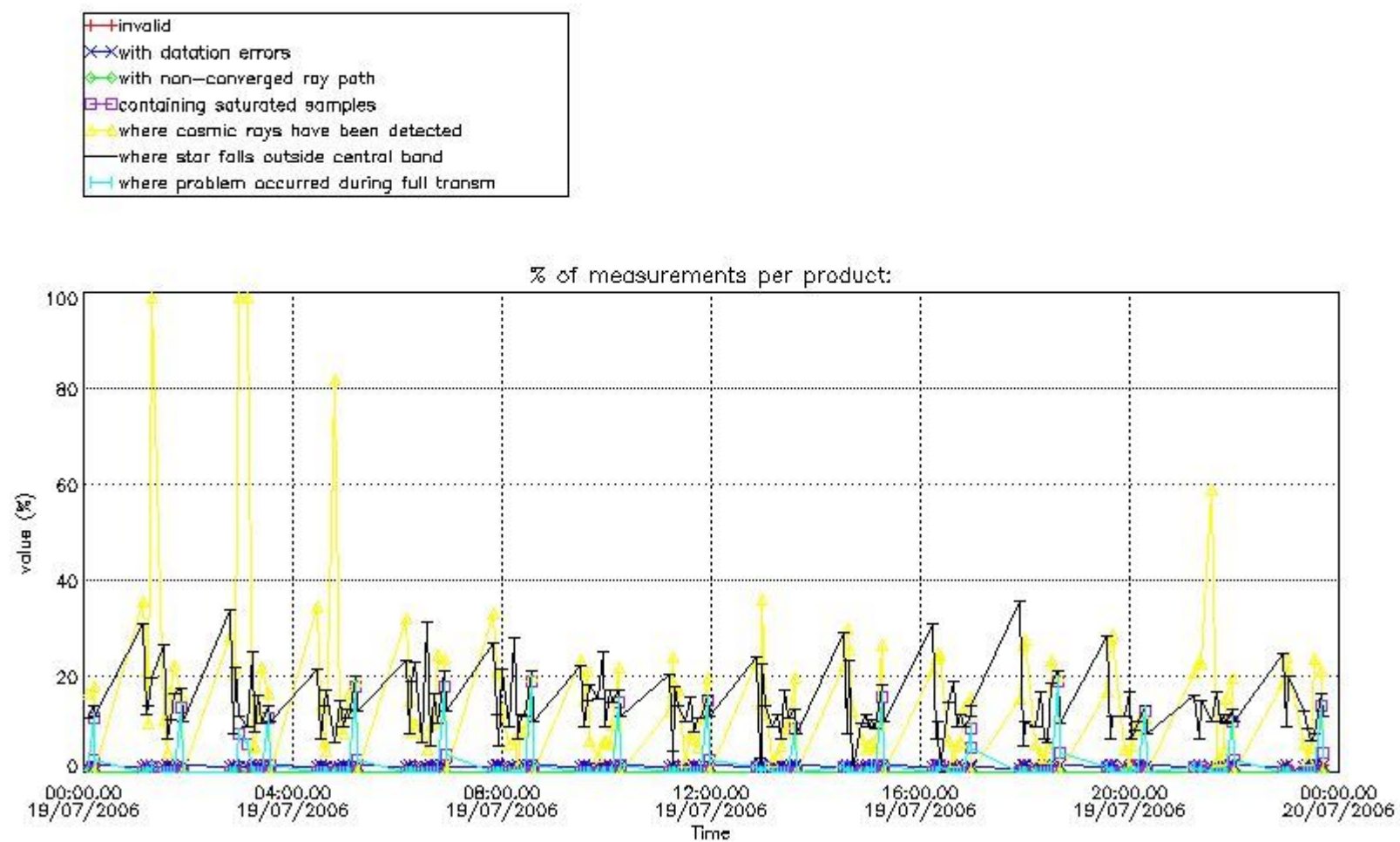


4. Level 1 quality information per product

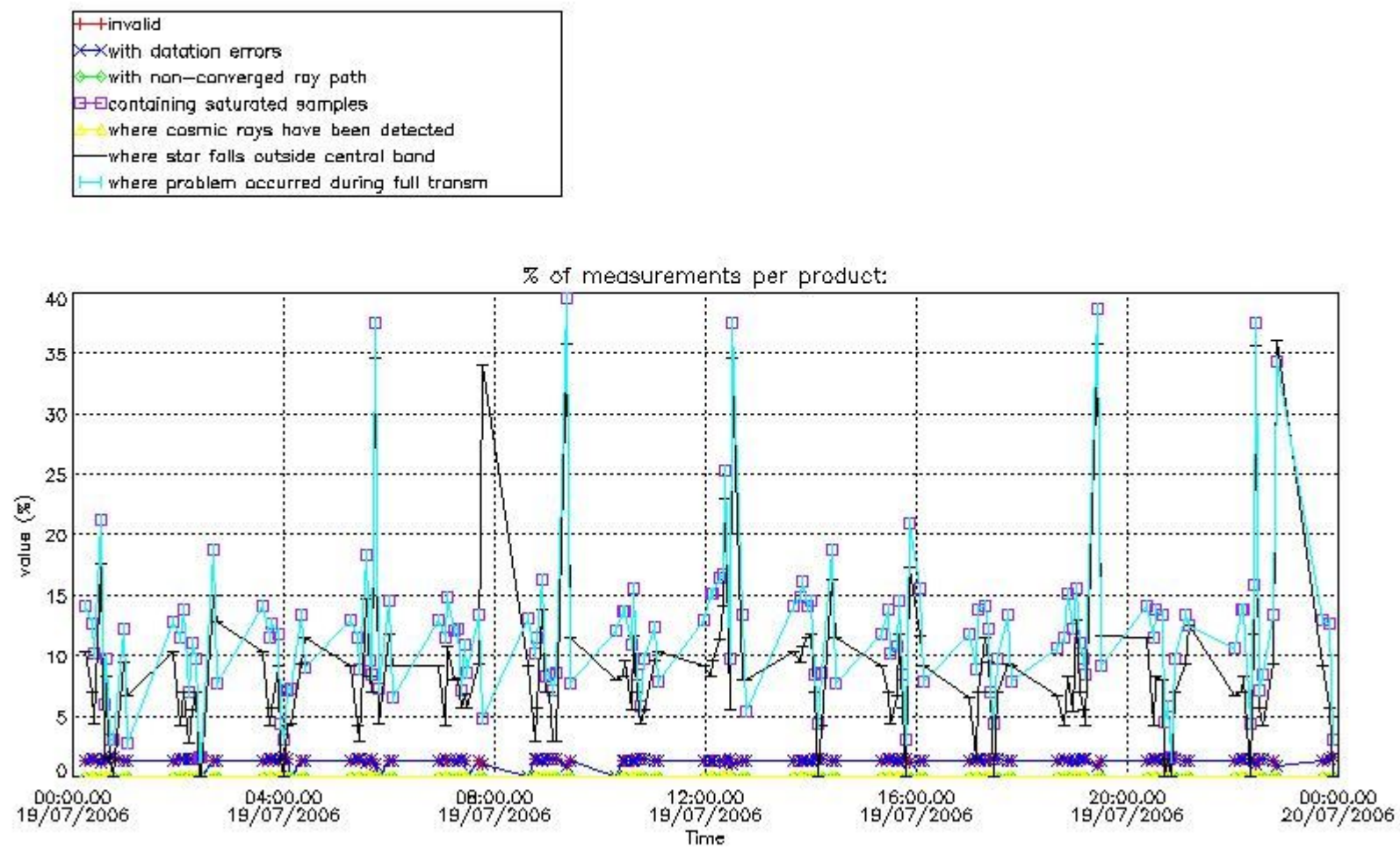
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



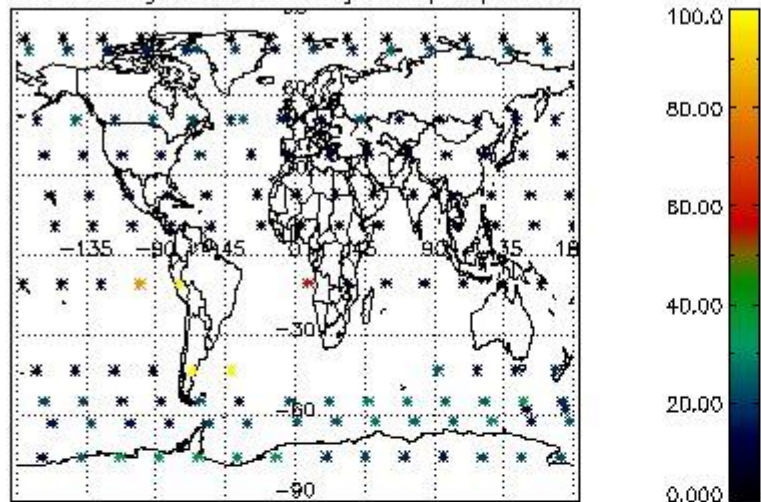
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



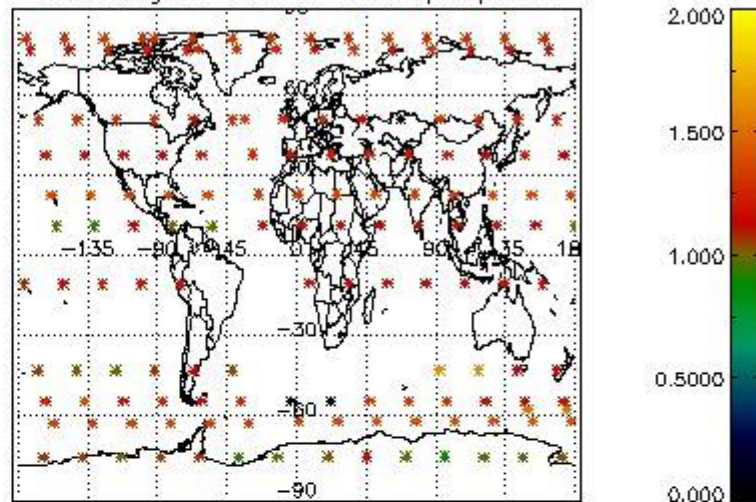
4.2 Plot quality information per product coming from level 1b processing (world map)

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

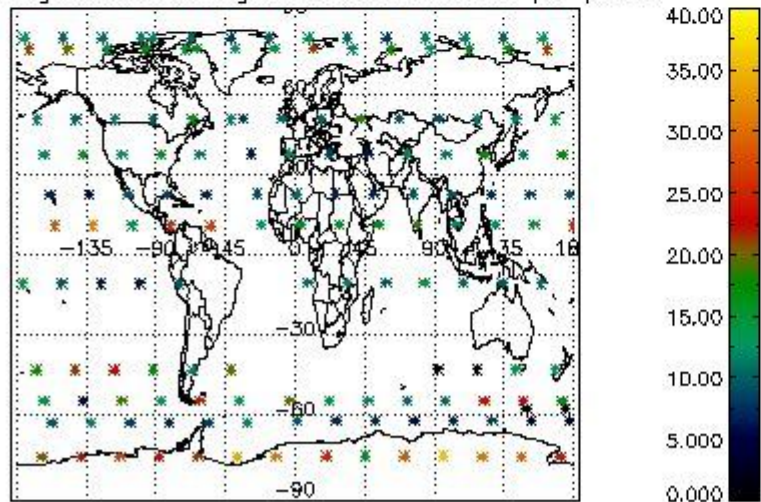
Percentage of cosmic ray hits per profile



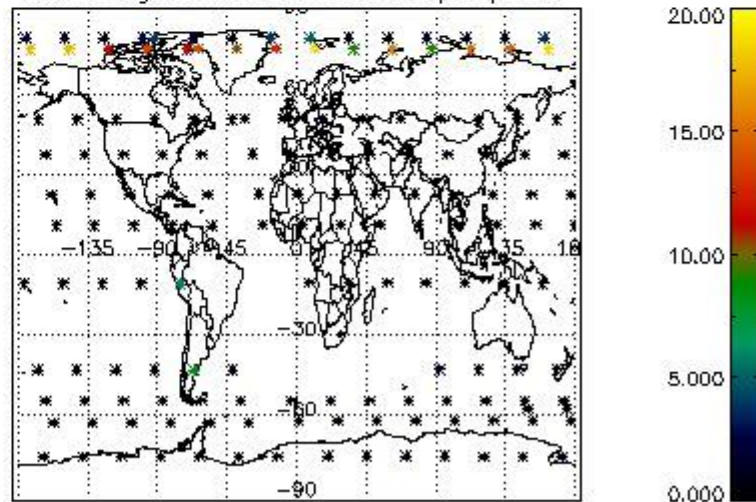
Percentage of datation errors per profile



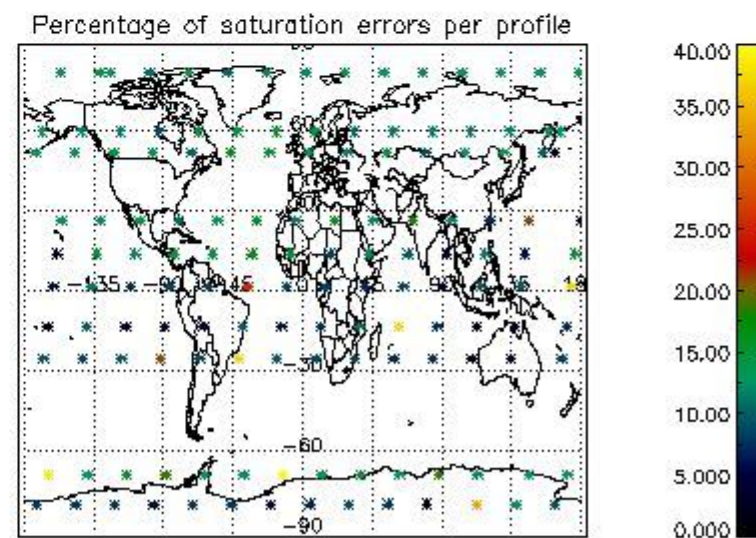
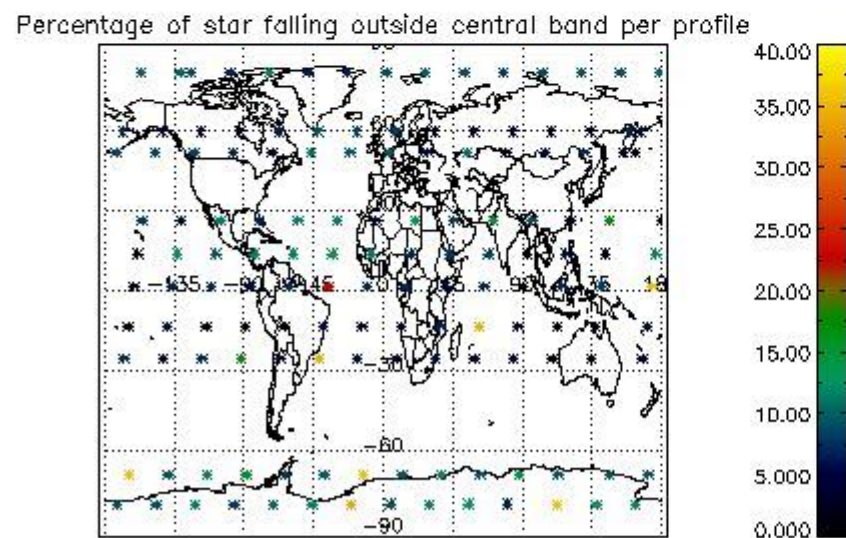
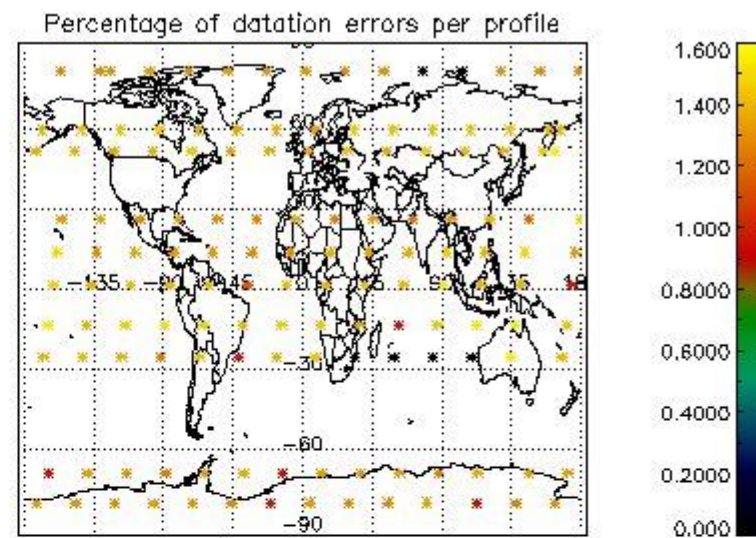
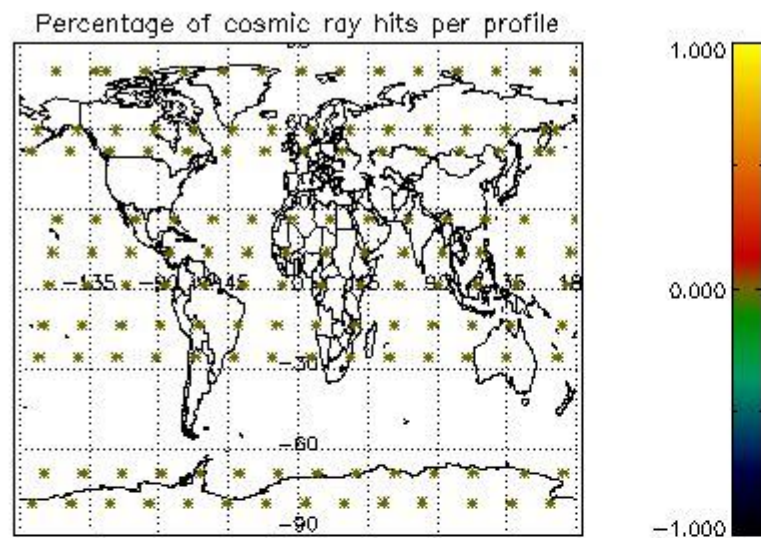
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

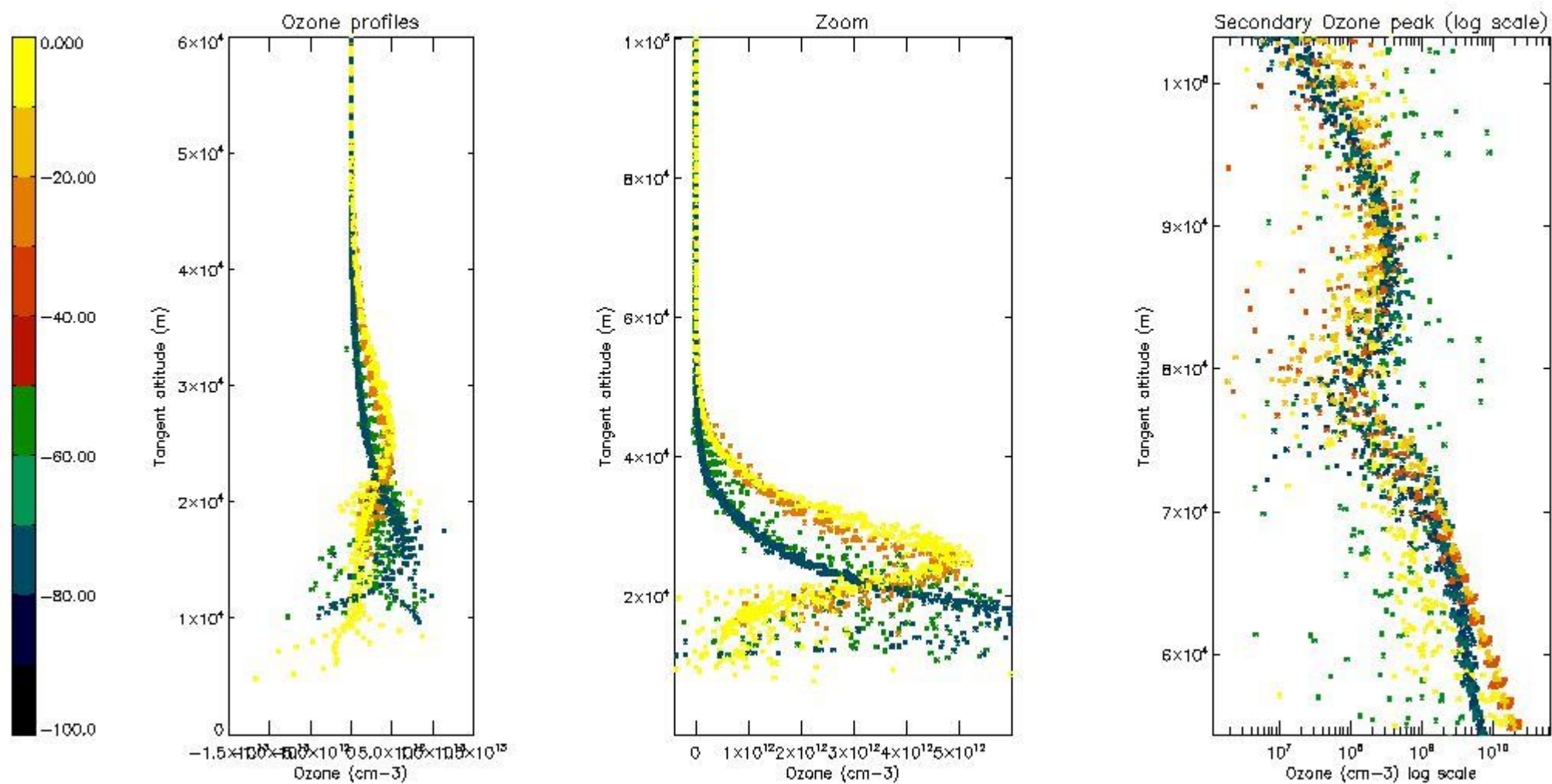
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	29
STD < 20	17

STD < 10	14
STD < 5	9

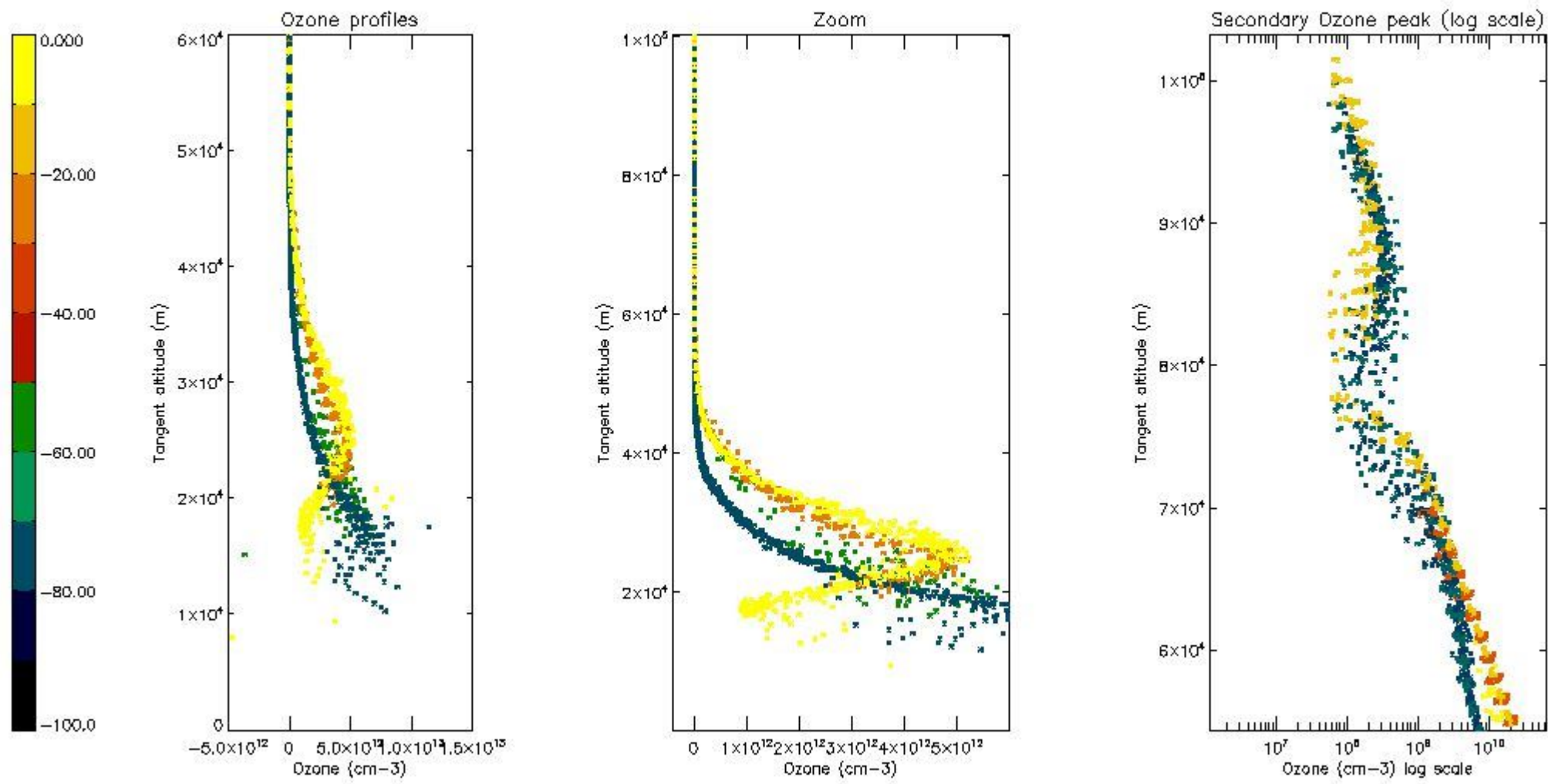
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



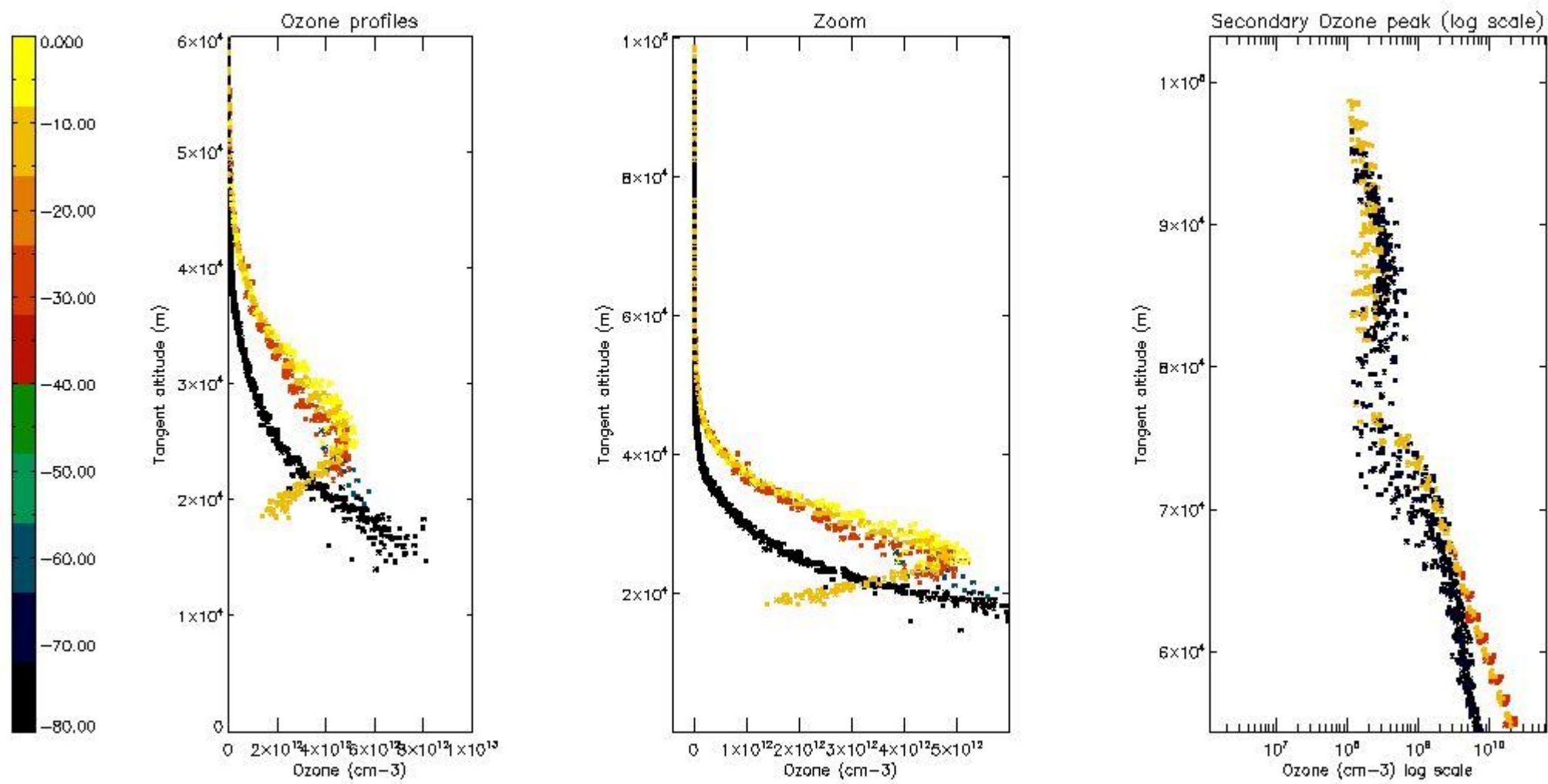
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



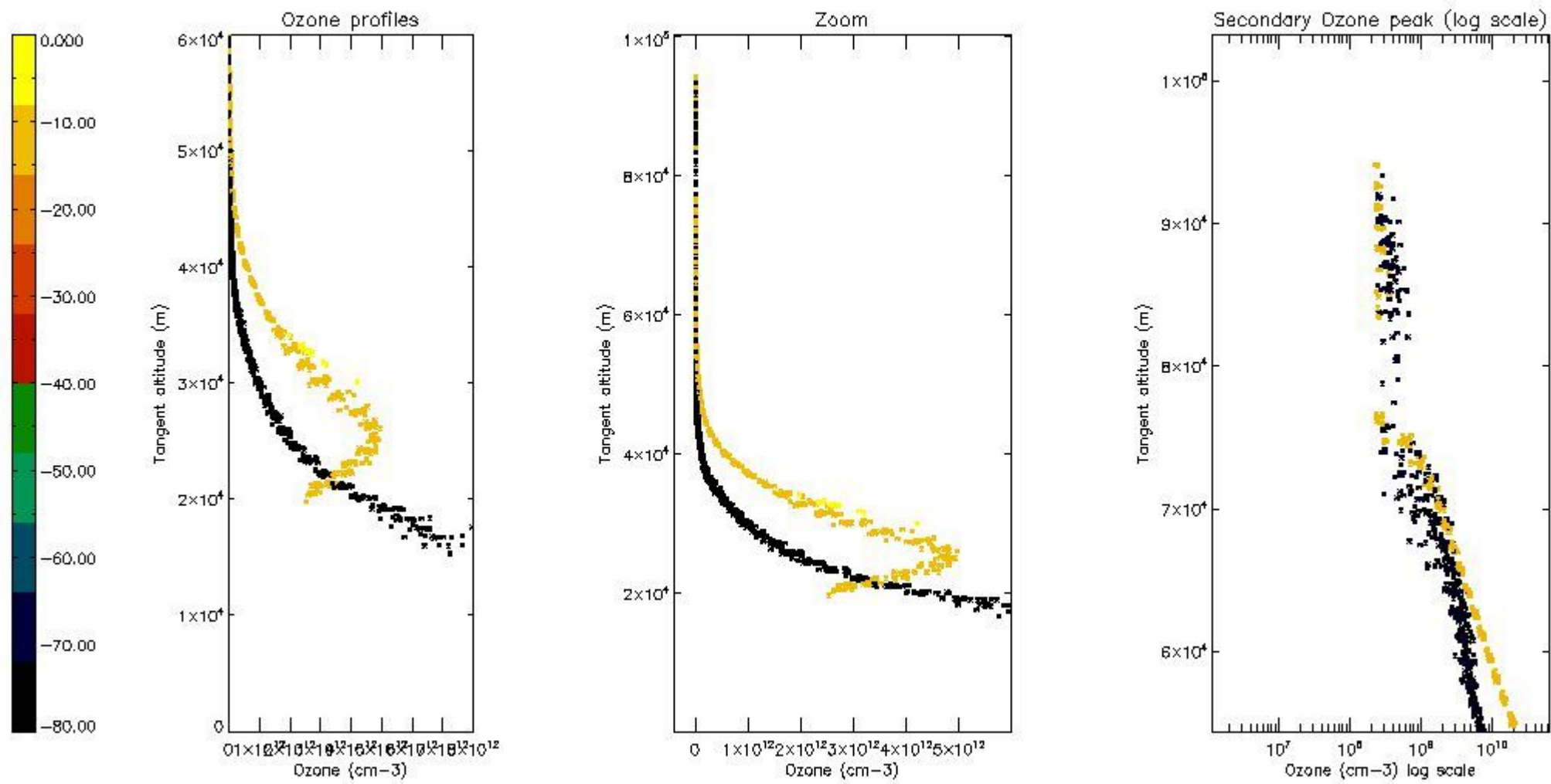
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



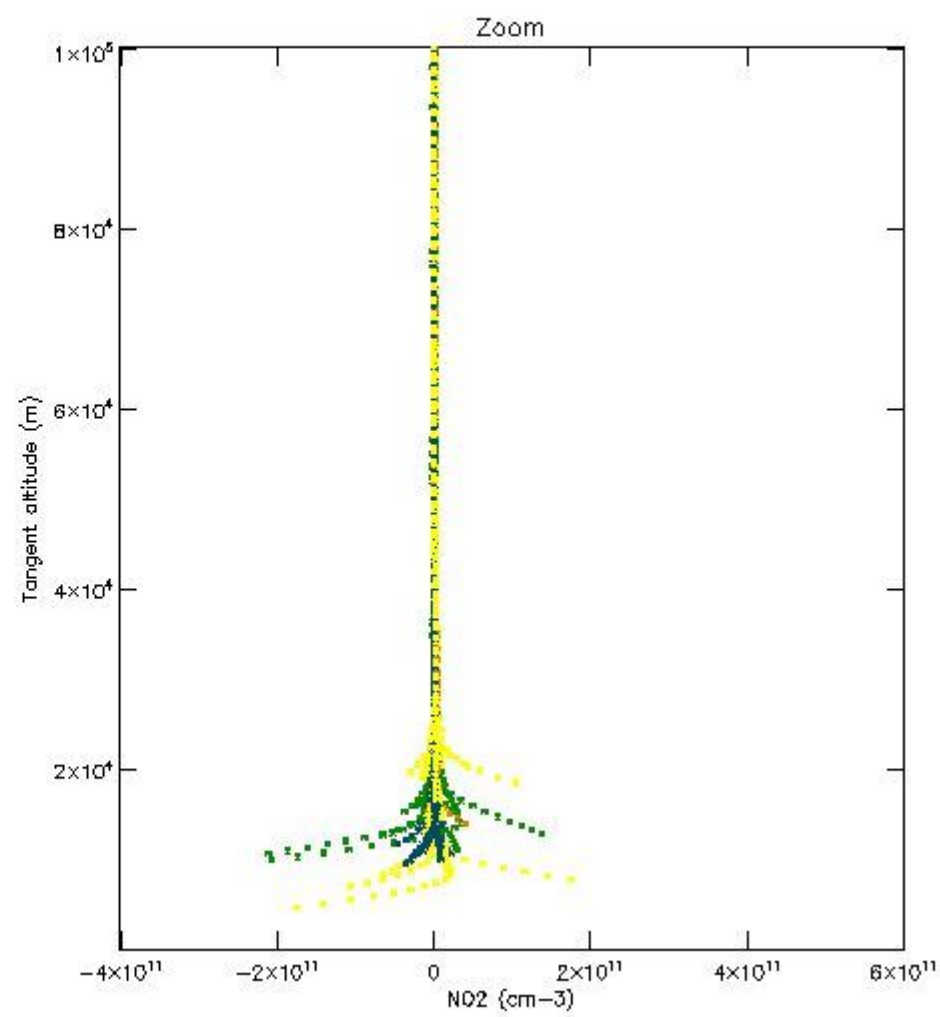
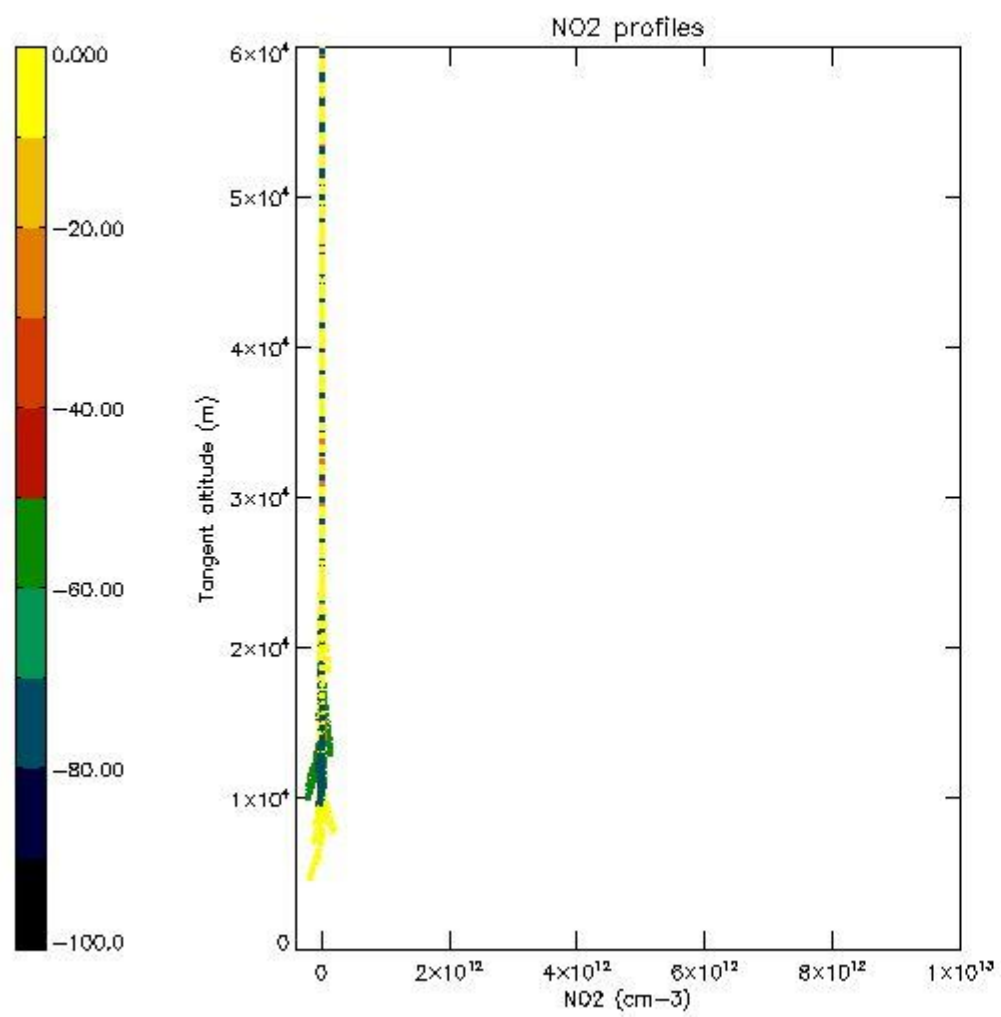
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



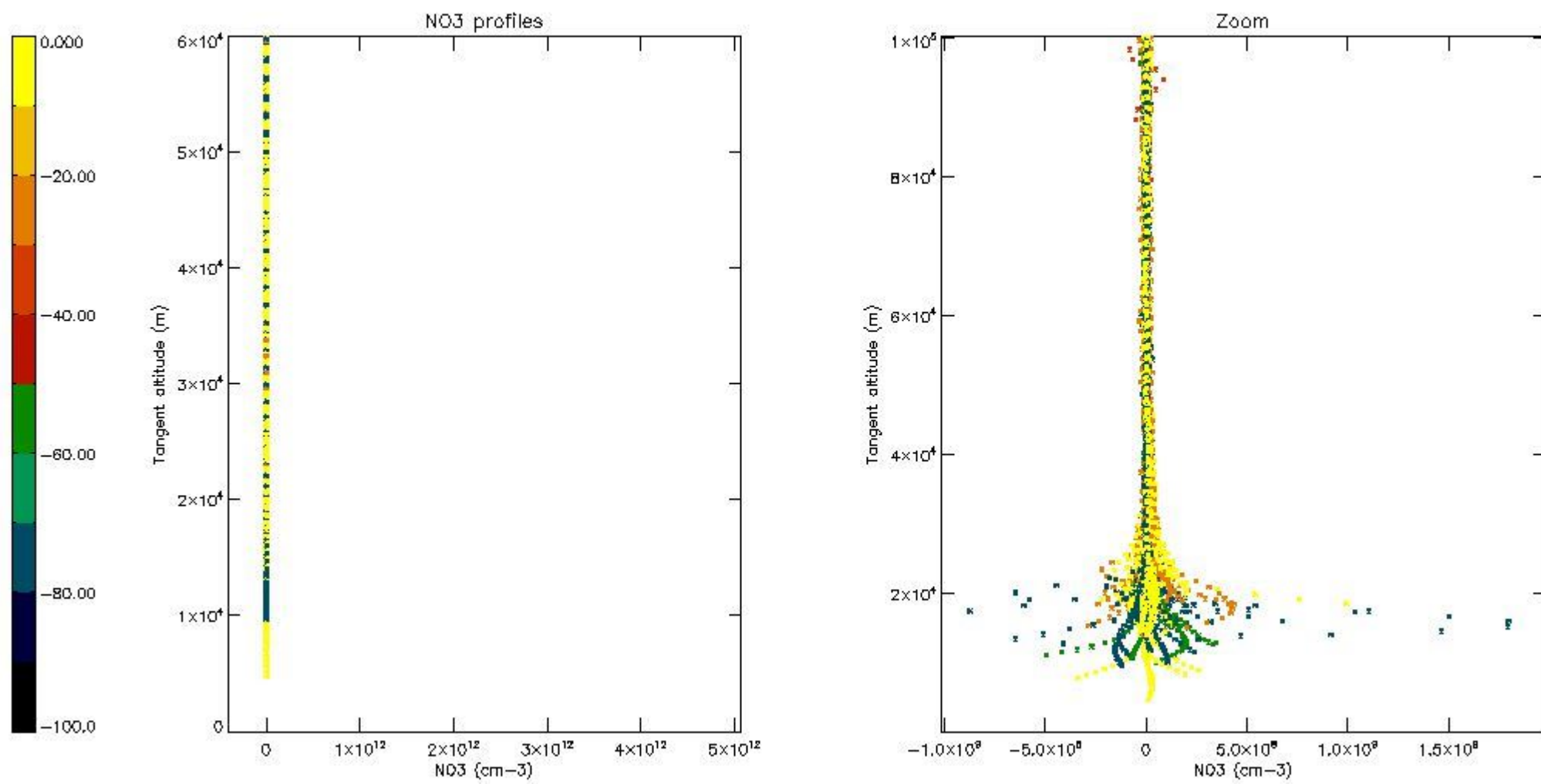
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



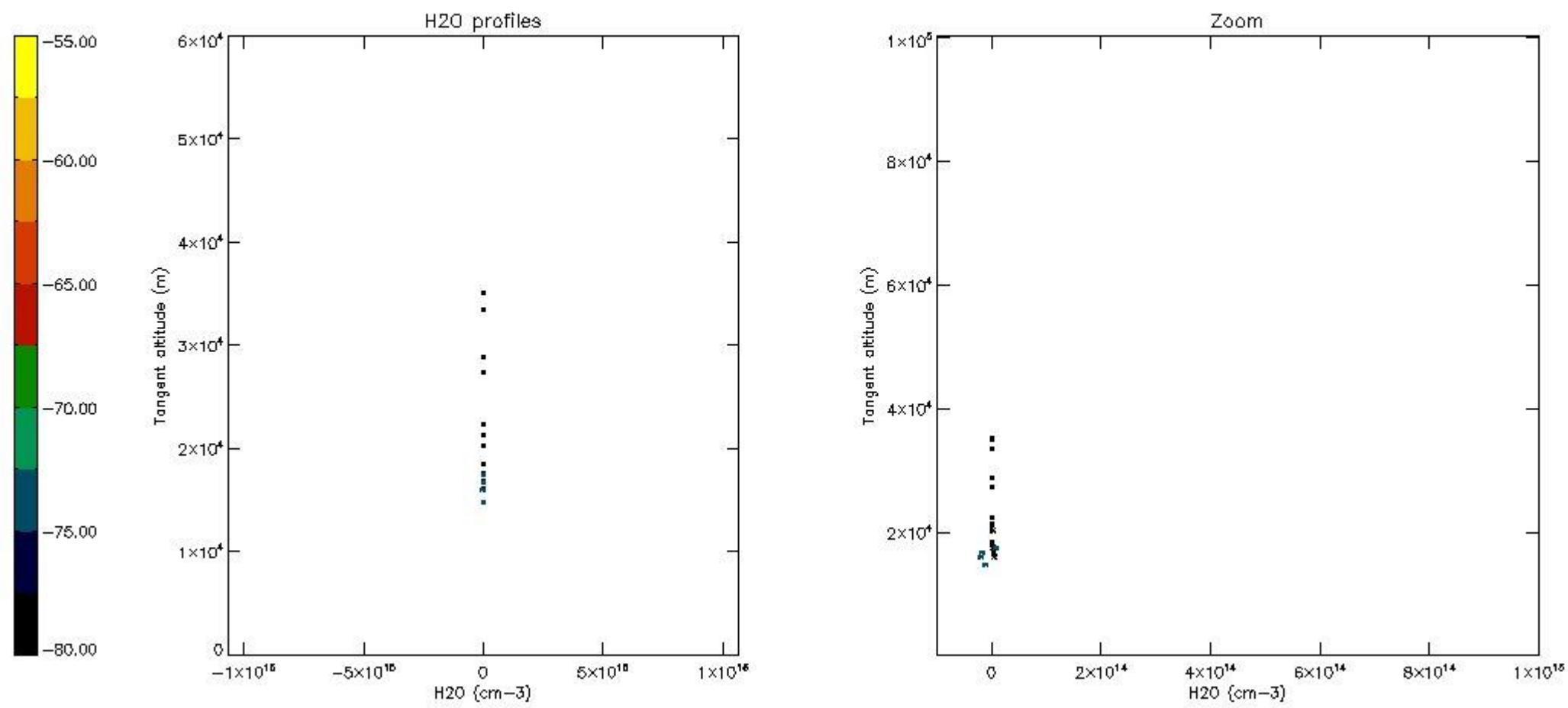
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

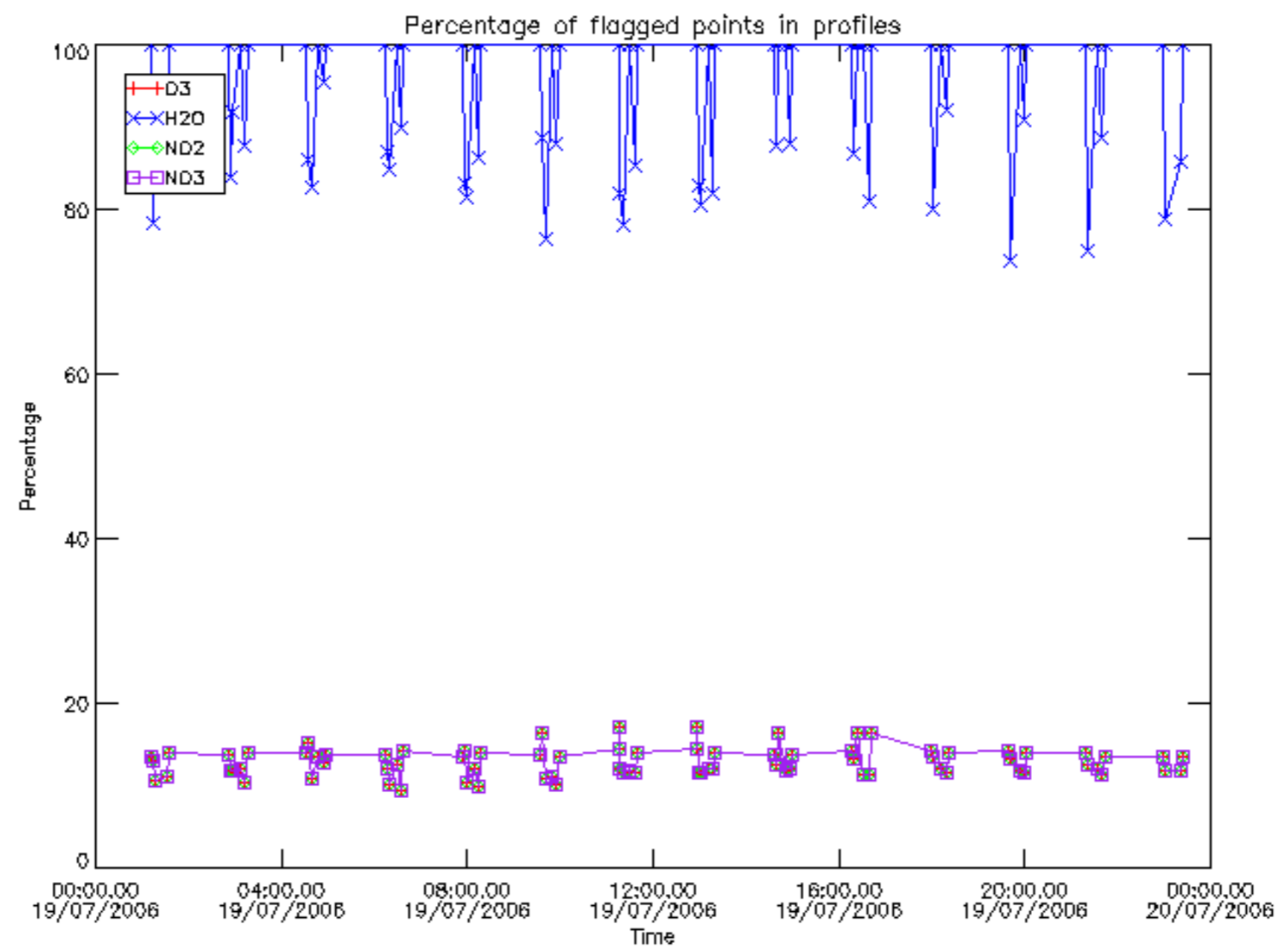
The colorbar represents the latitude.



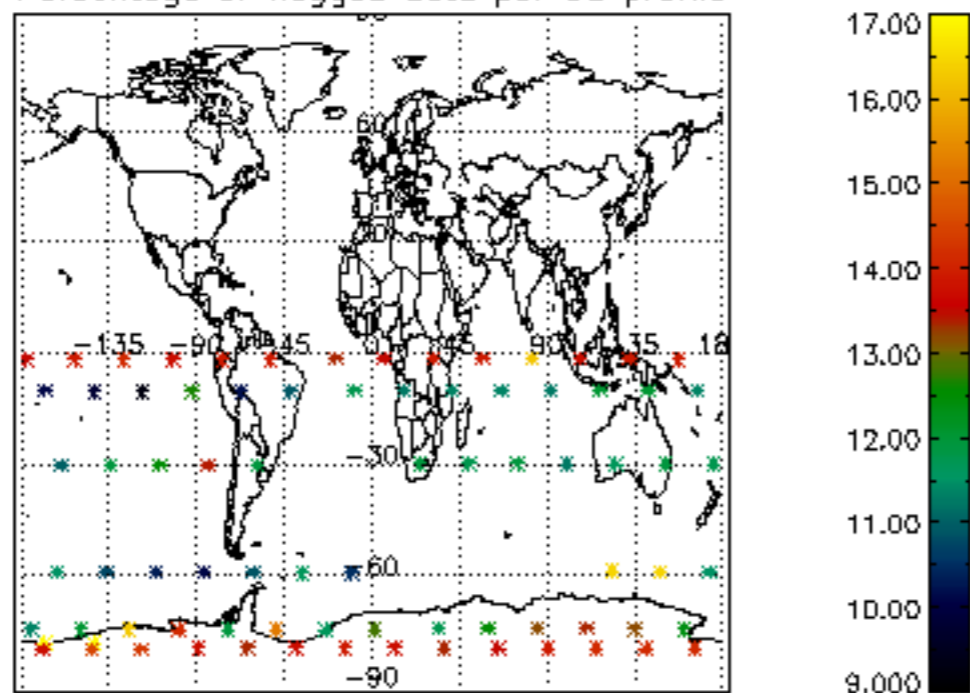
6. Auxiliary Data Files used for the production reported in section 2

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

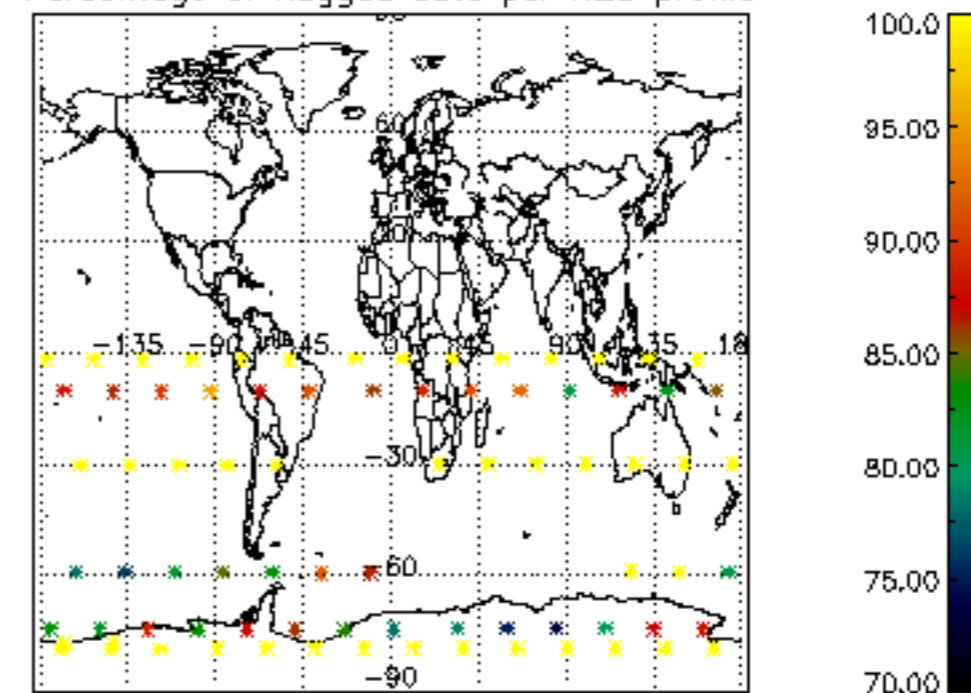
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	19-JUL-2006 00:03:08
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	19-JUL-2006 00:03:08
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	19-JUL-2006 00:03:08



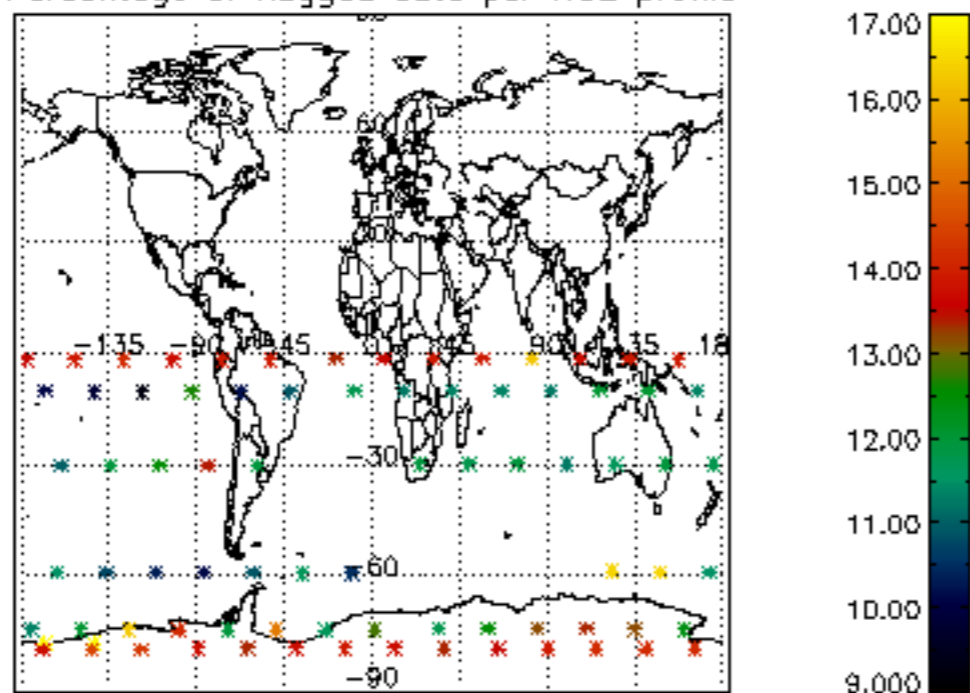
Percentage of flagged data per D3 profile



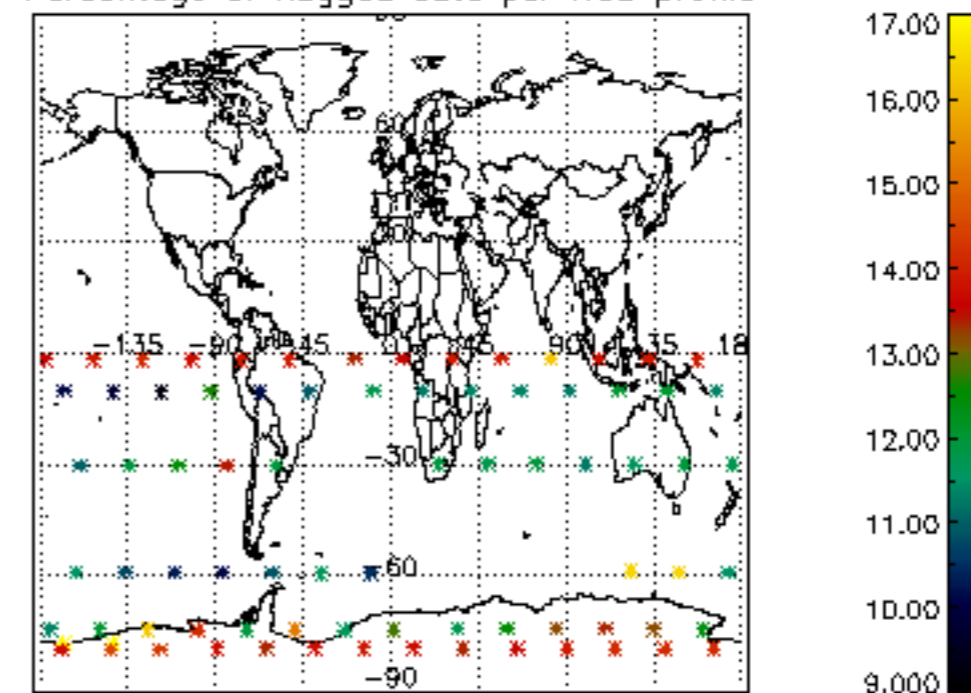
Percentage of flagged data per H2O profile

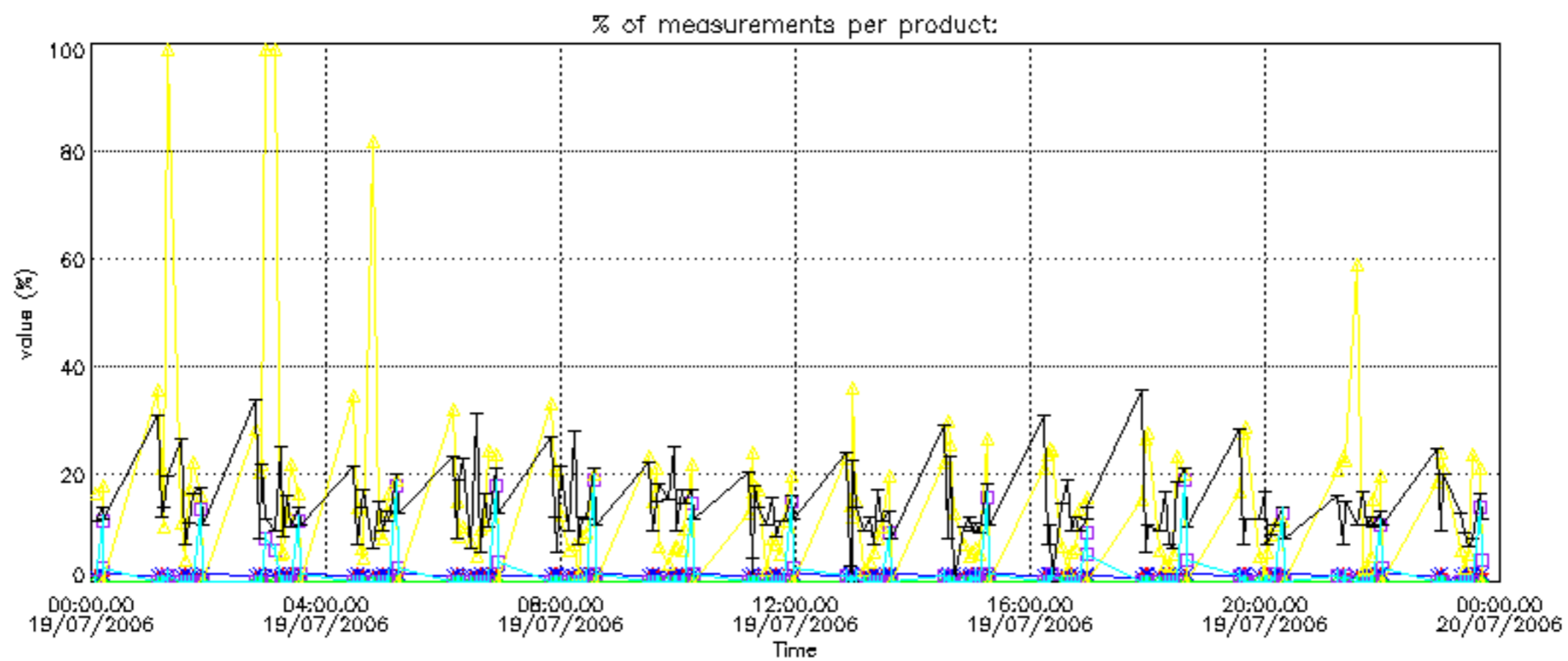
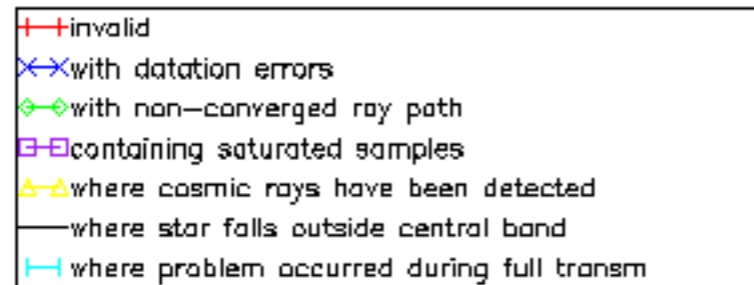


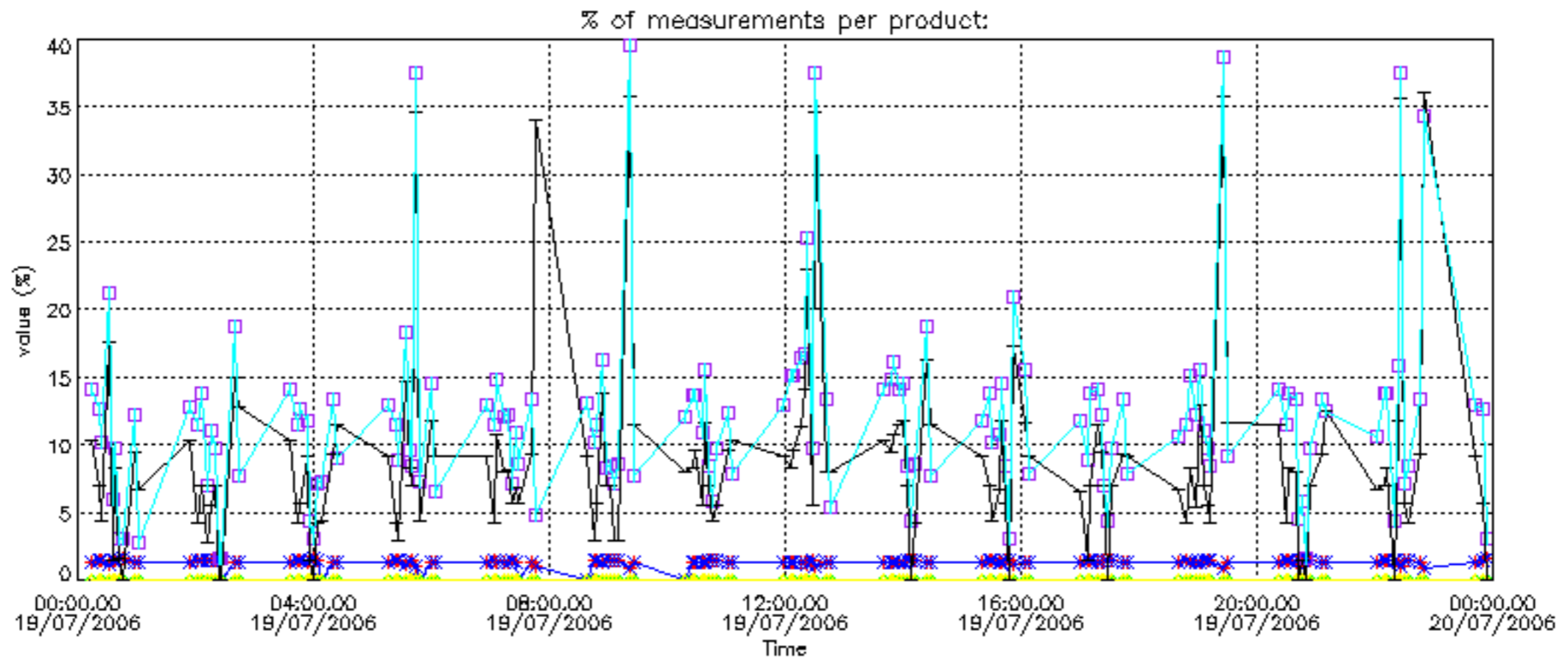
Percentage of flagged data per NO2 profile



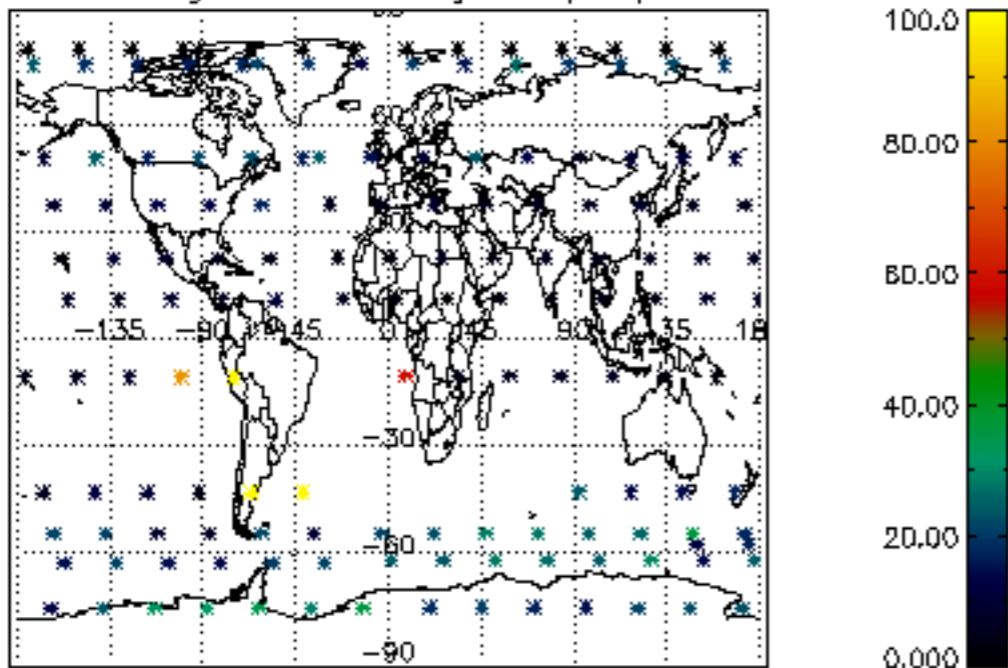
Percentage of flagged data per NO3 profile



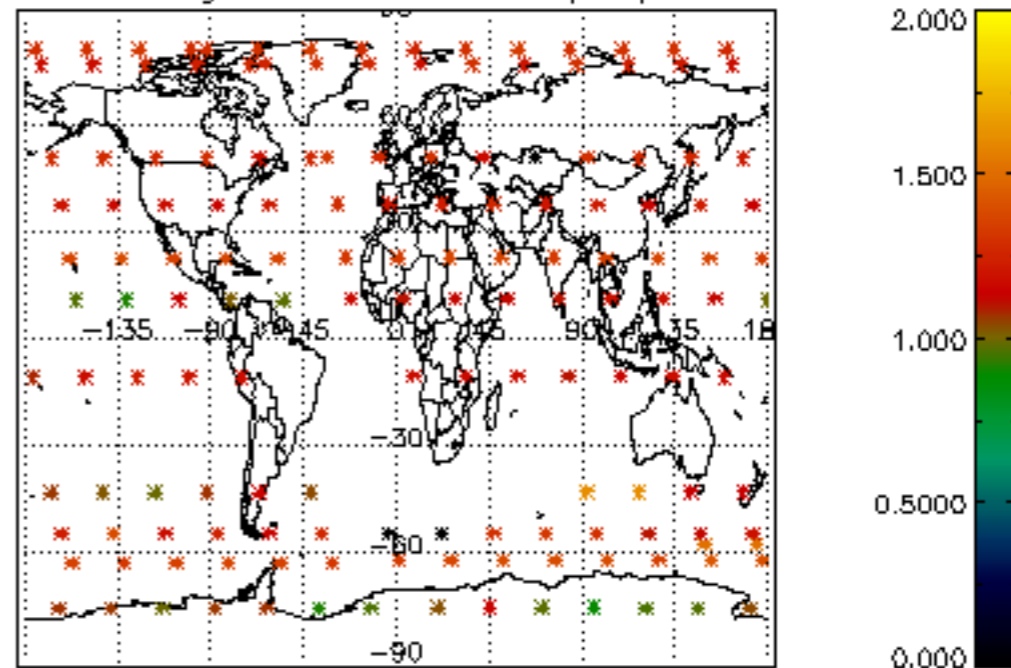




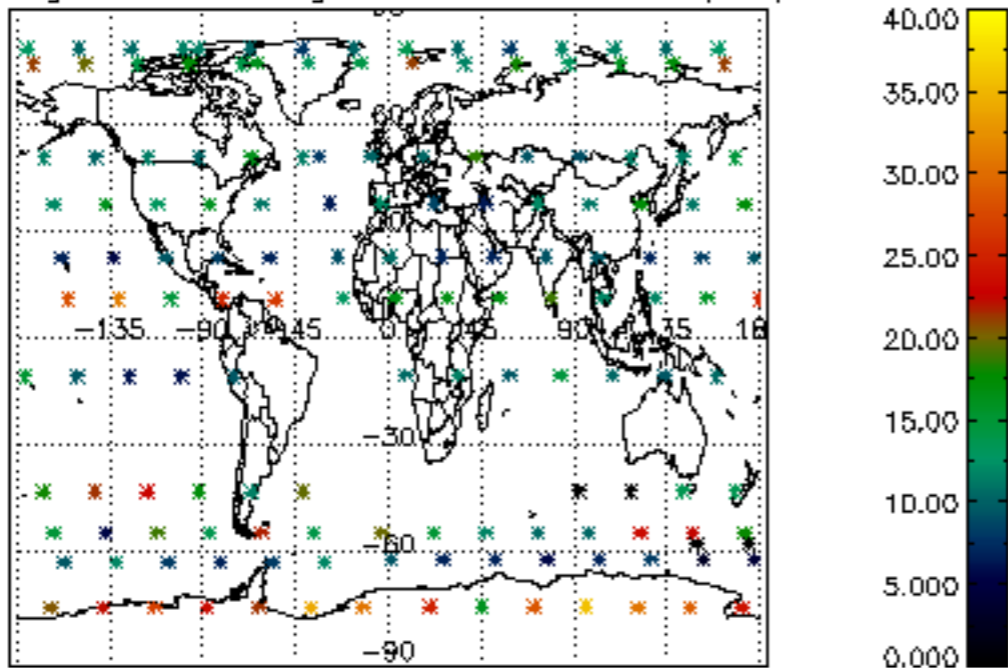
Percentage of cosmic ray hits per profile



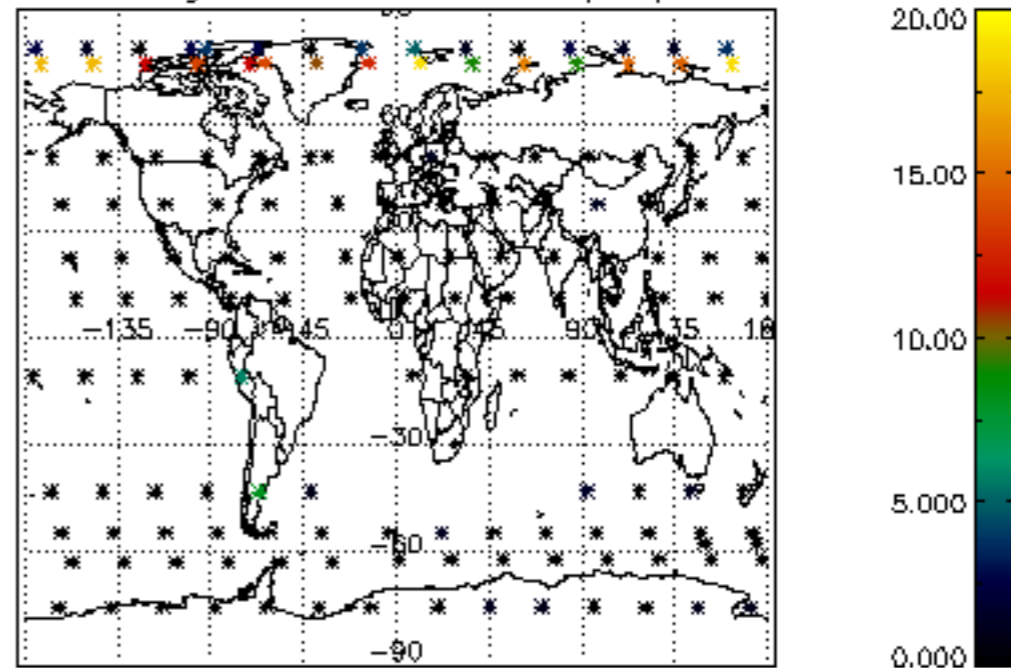
Percentage of datation errors per profile



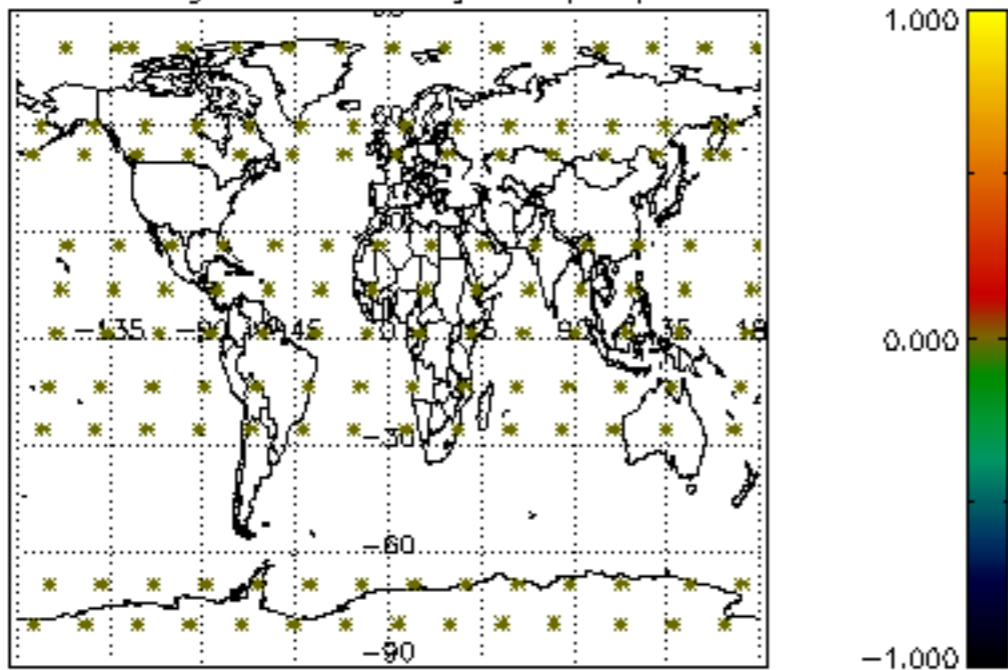
Percentage of star falling outside central band per profile



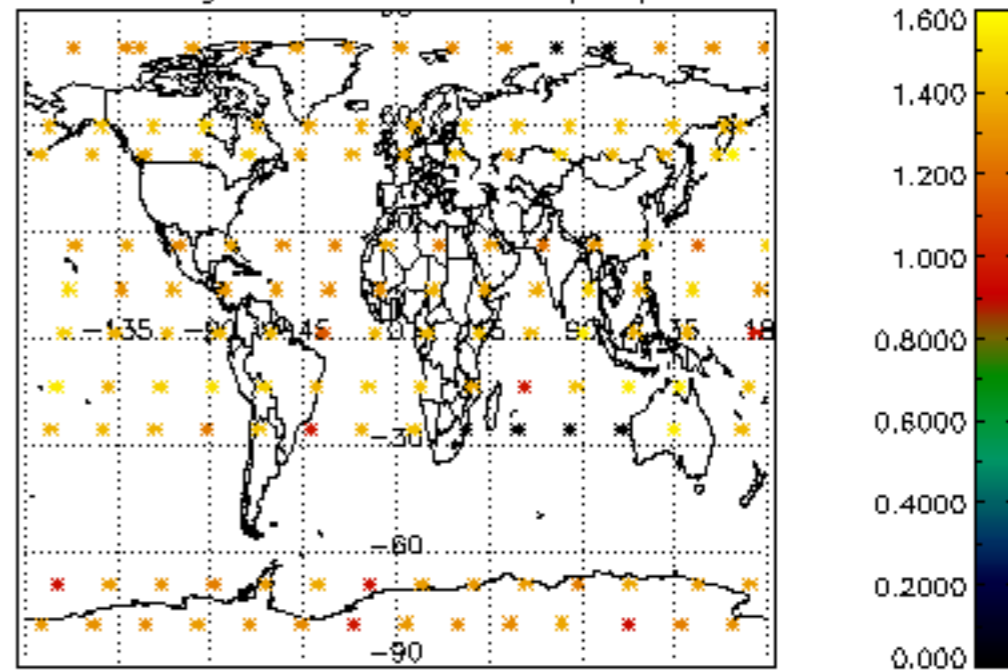
Percentage of saturation errors per profile



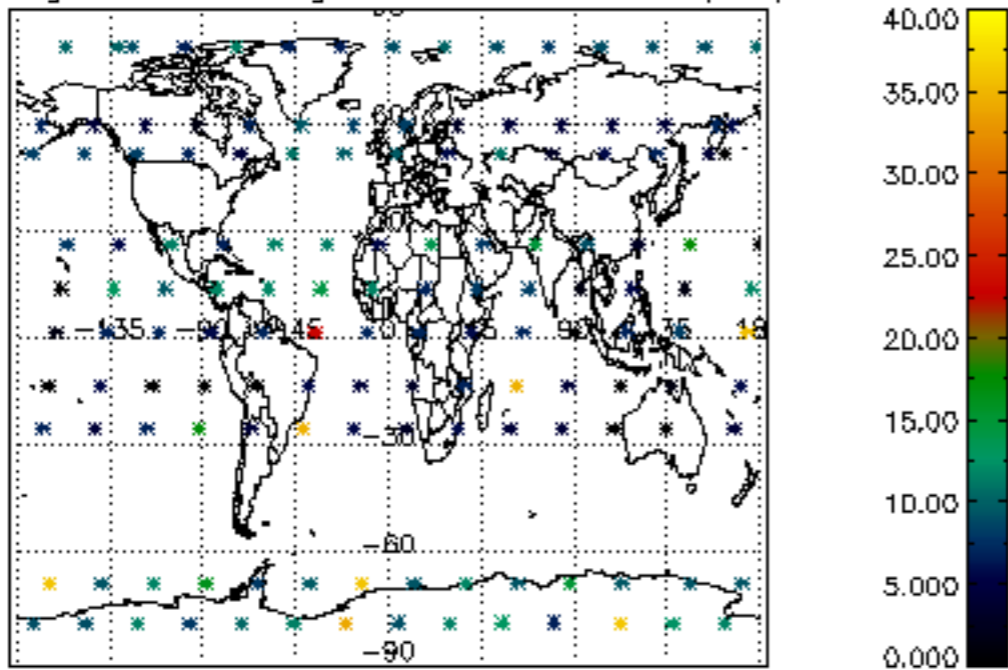
Percentage of cosmic ray hits per profile



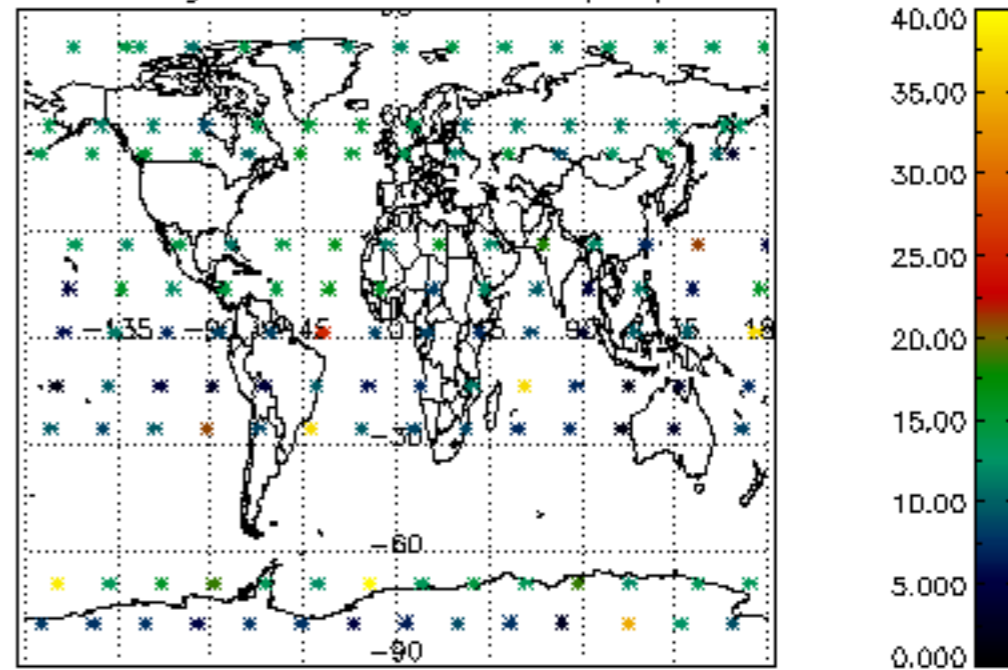
Percentage of datation errors per profile

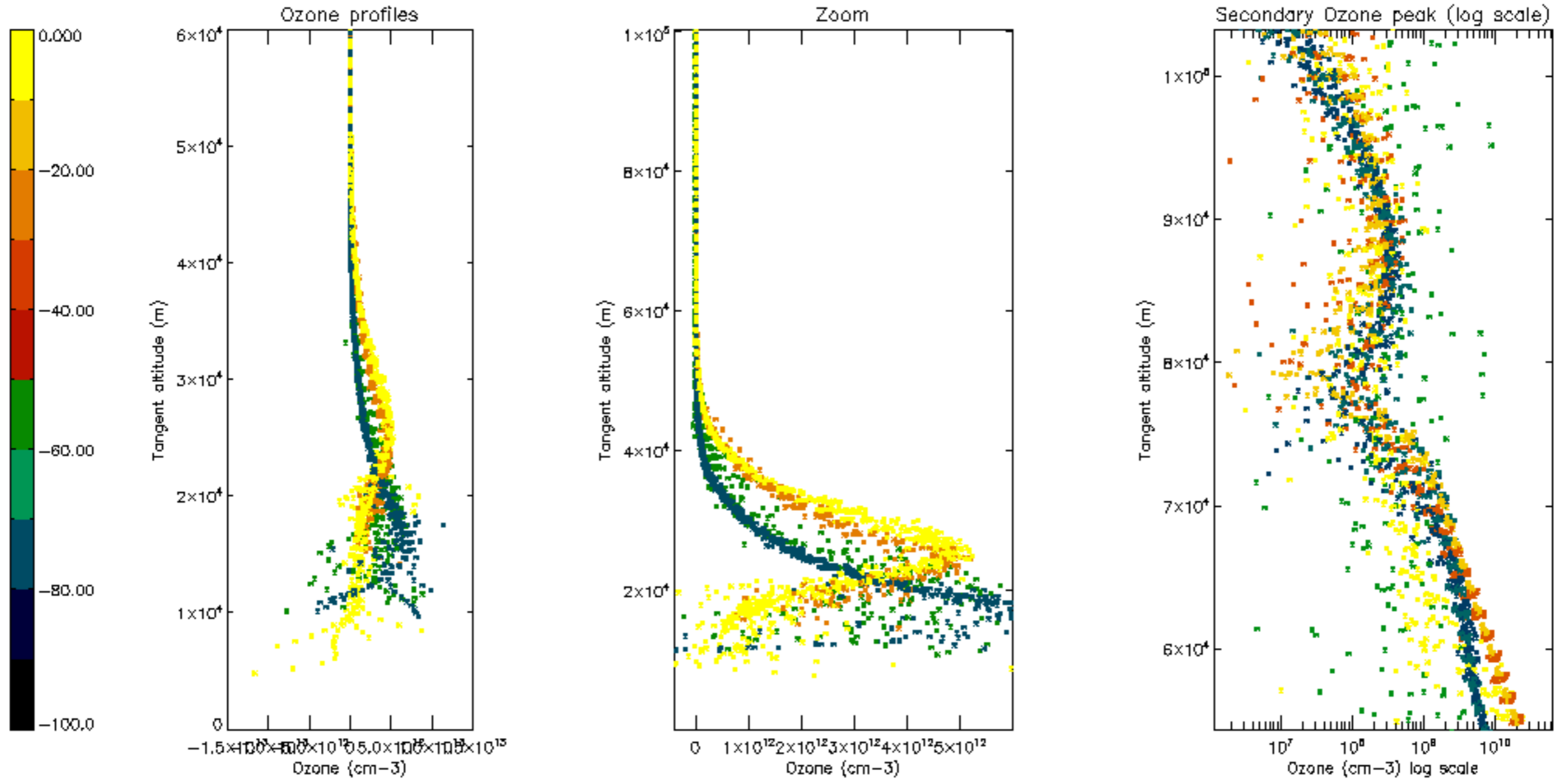


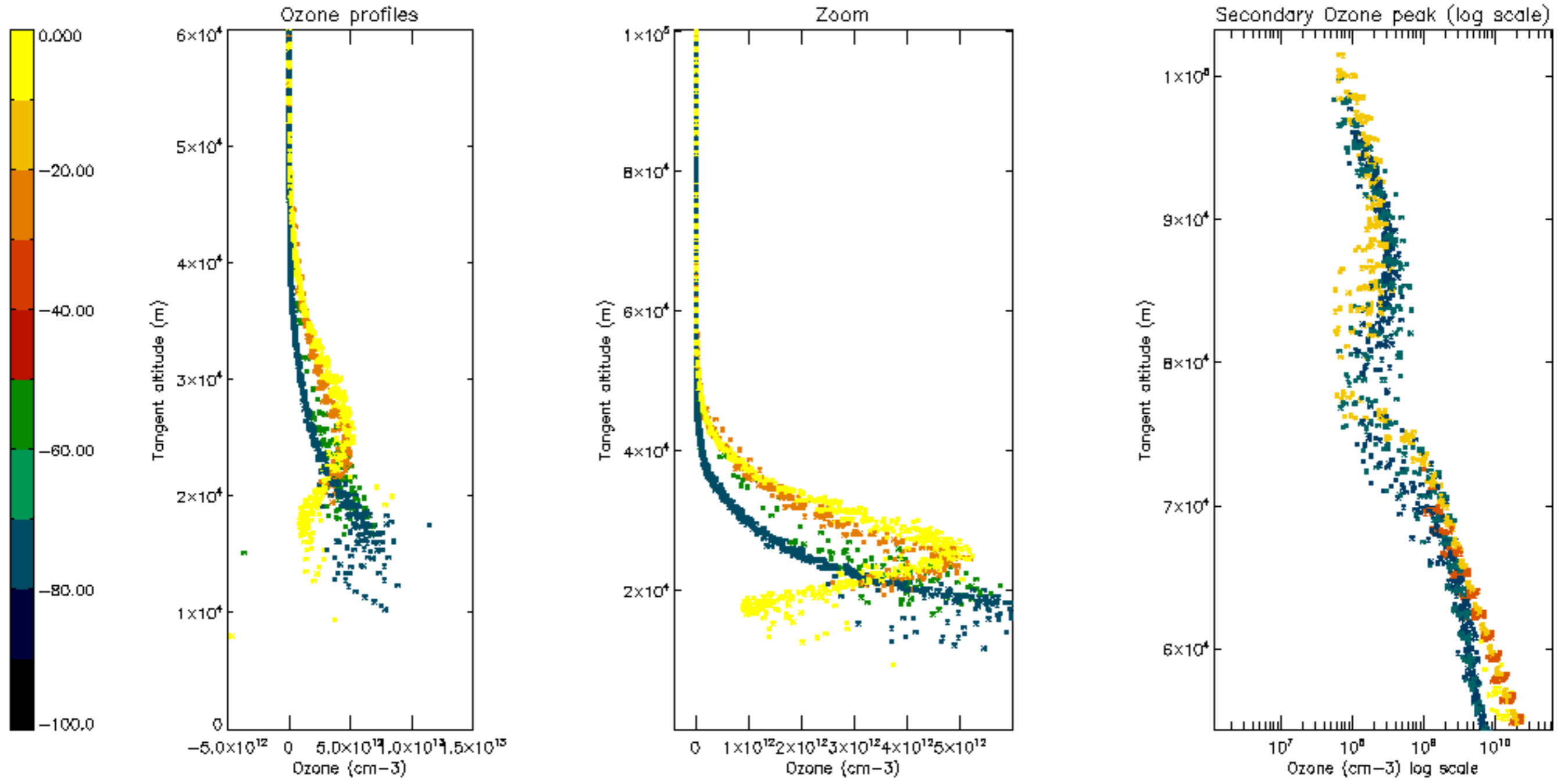
Percentage of star falling outside central band per profile

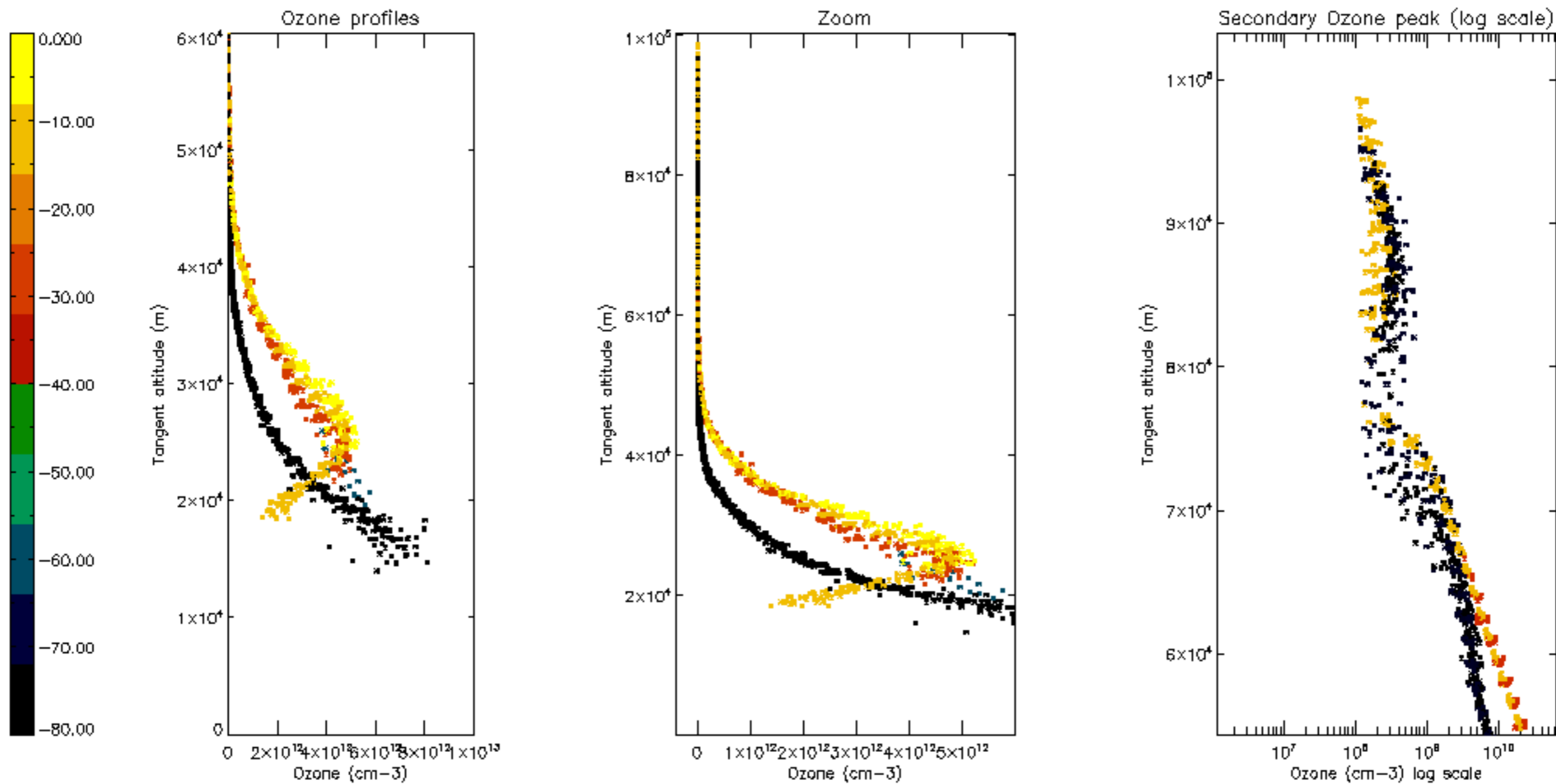


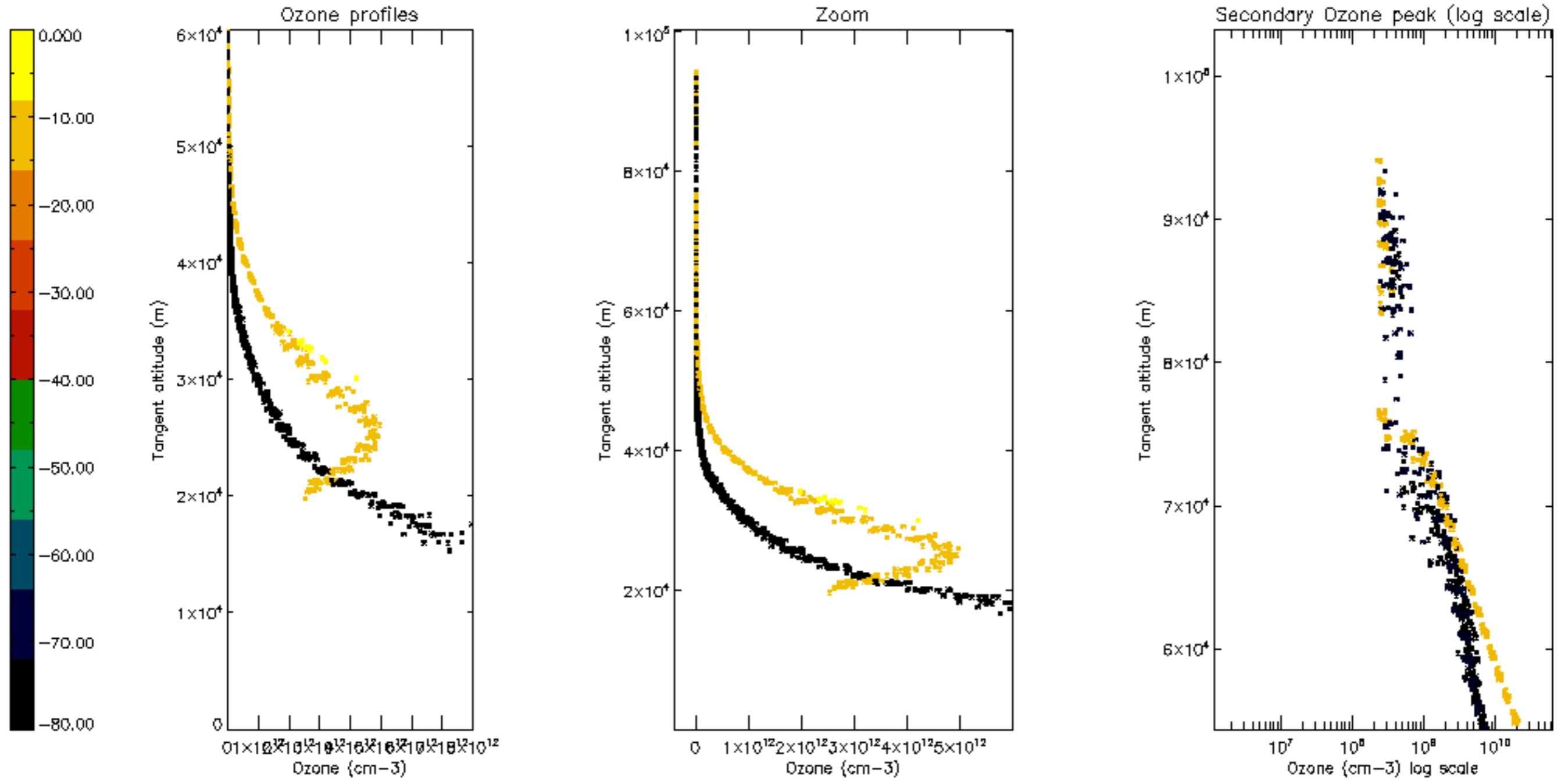
Percentage of saturation errors per profile

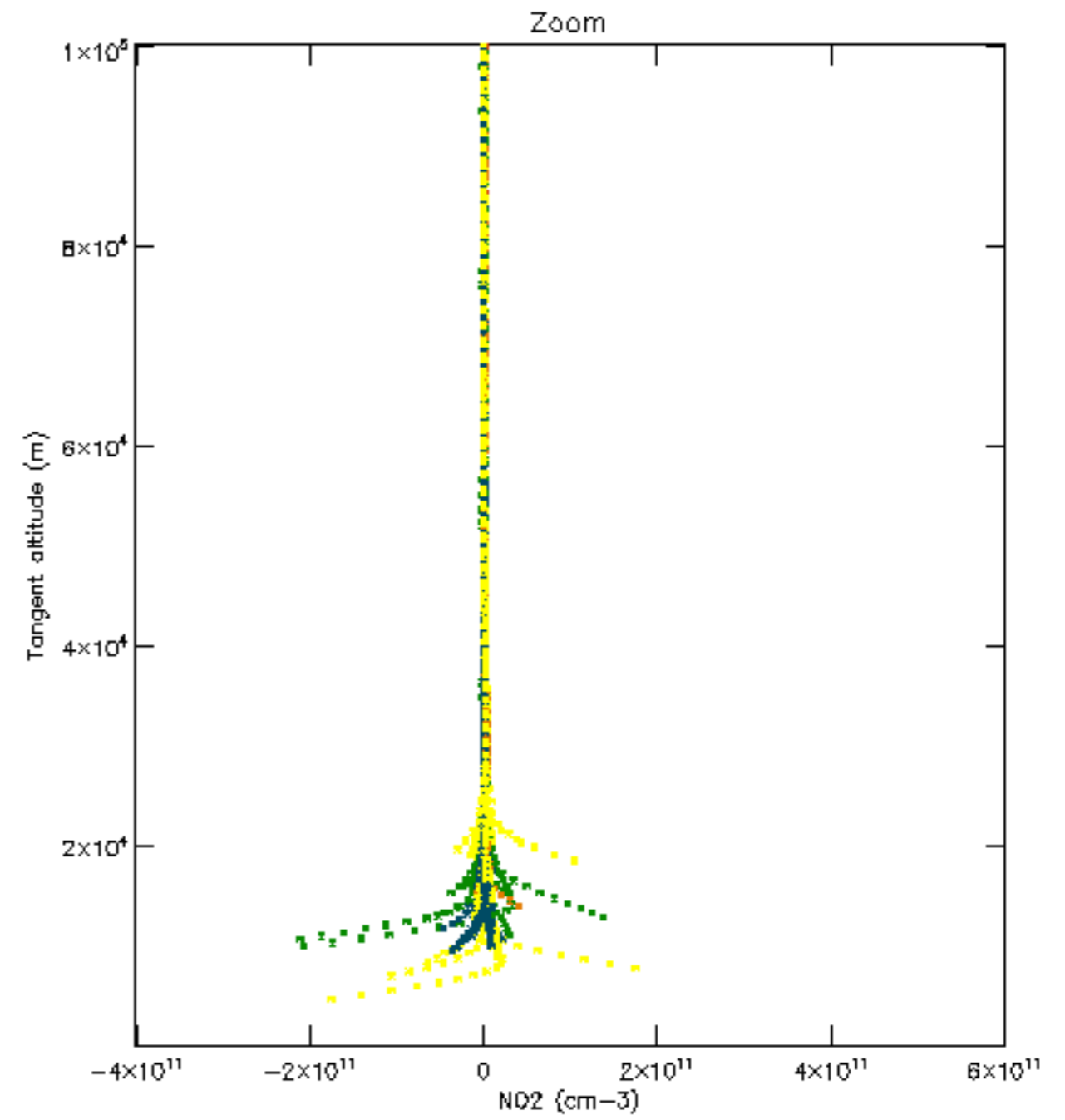
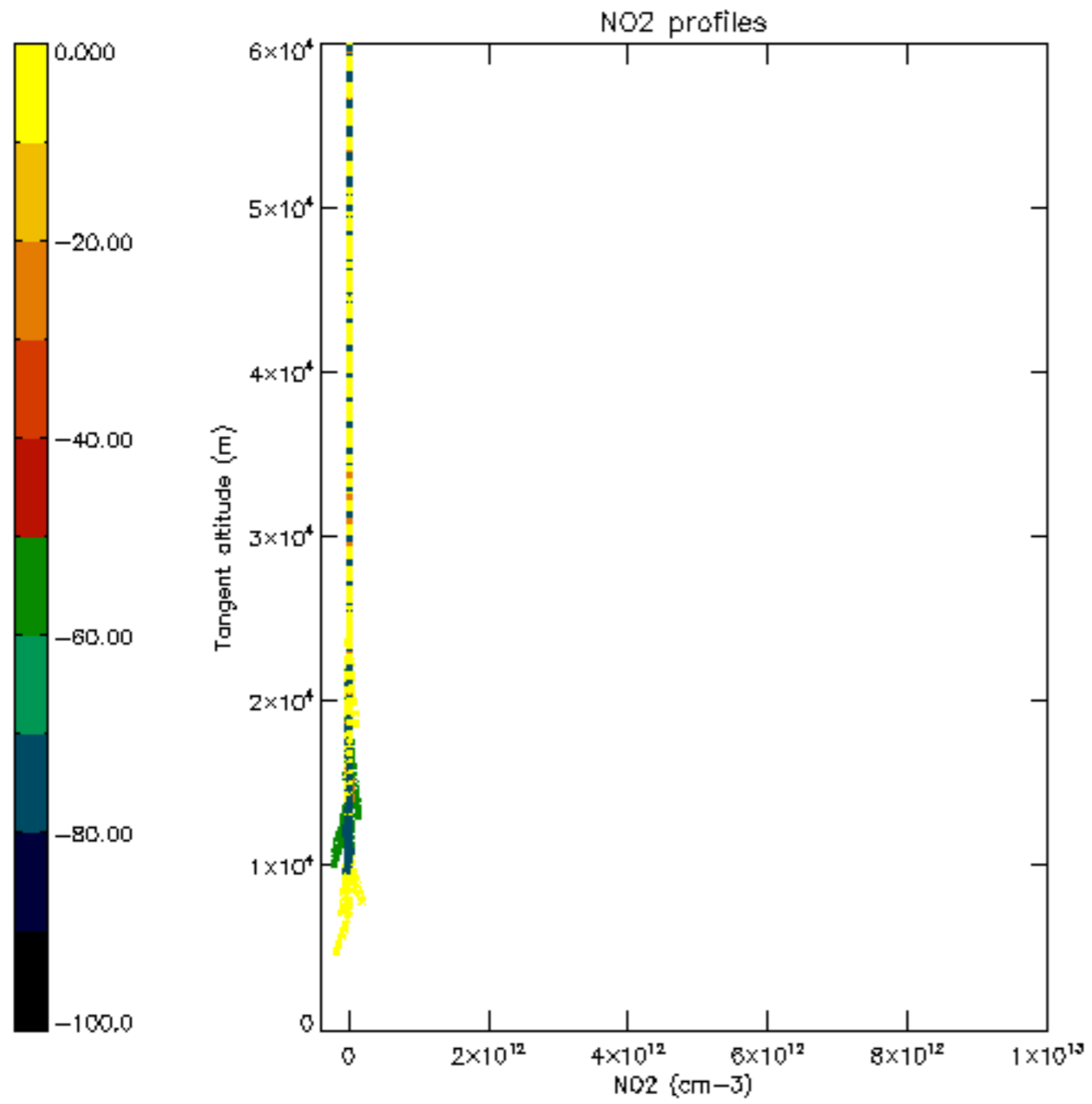


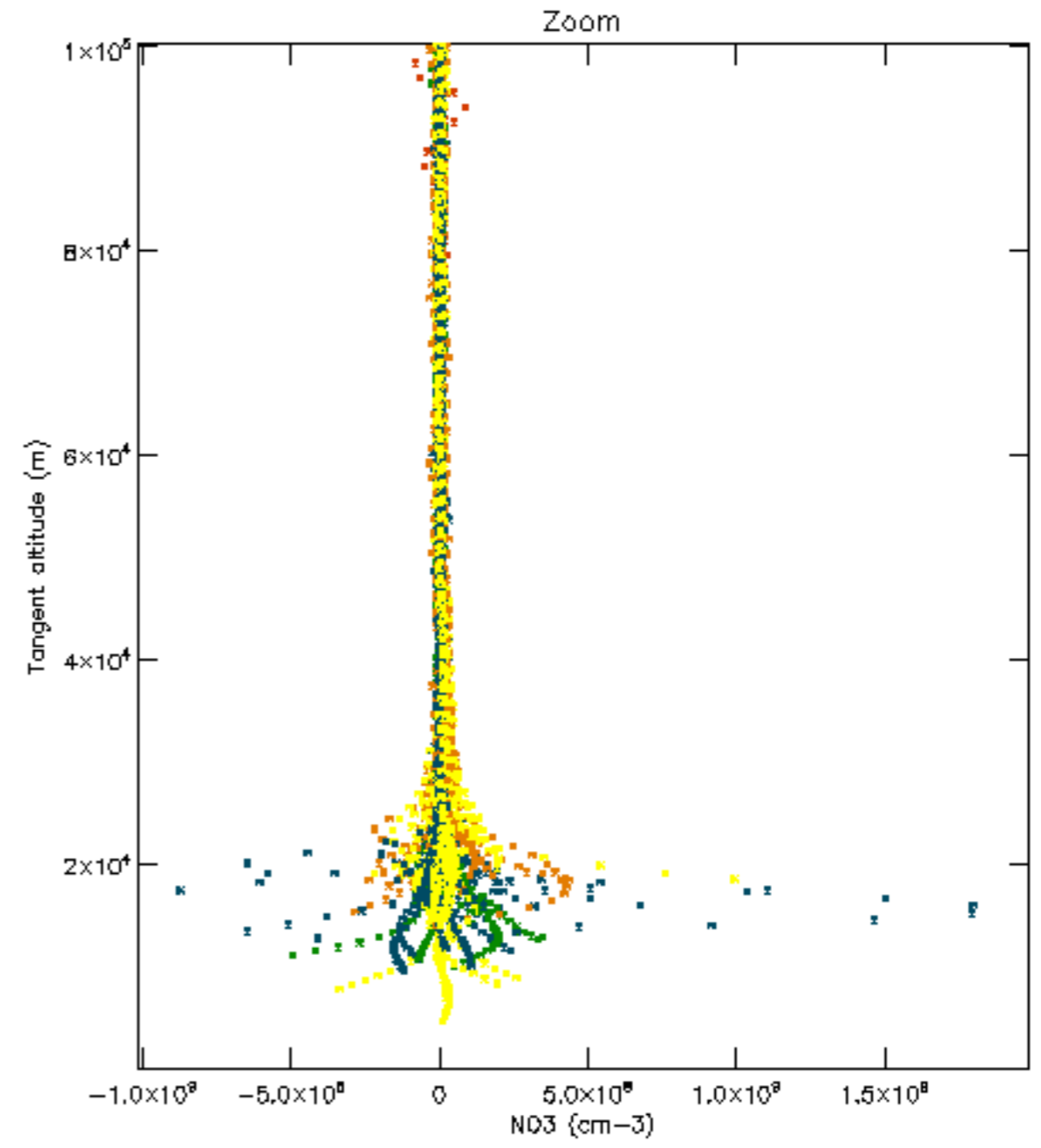
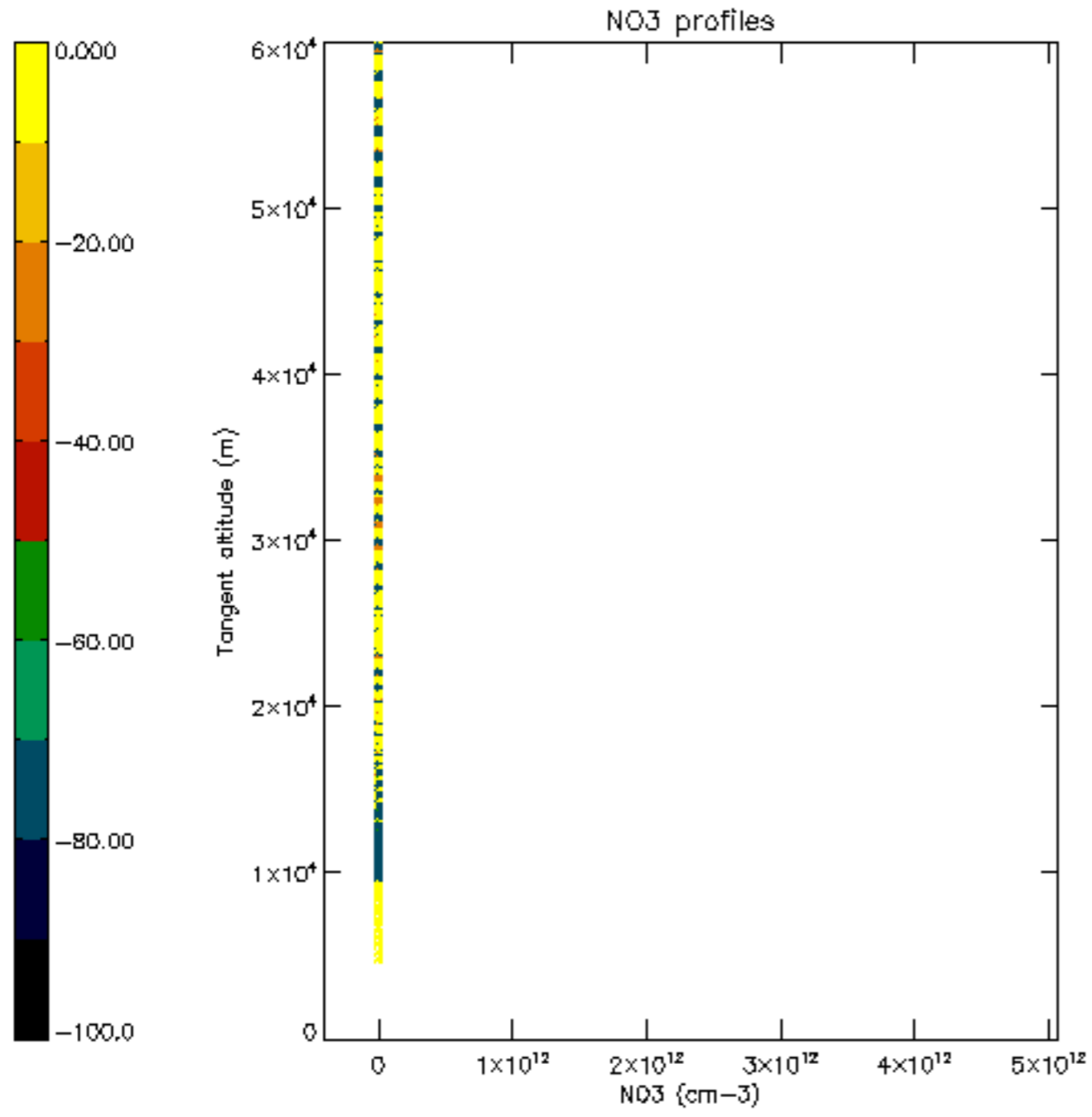


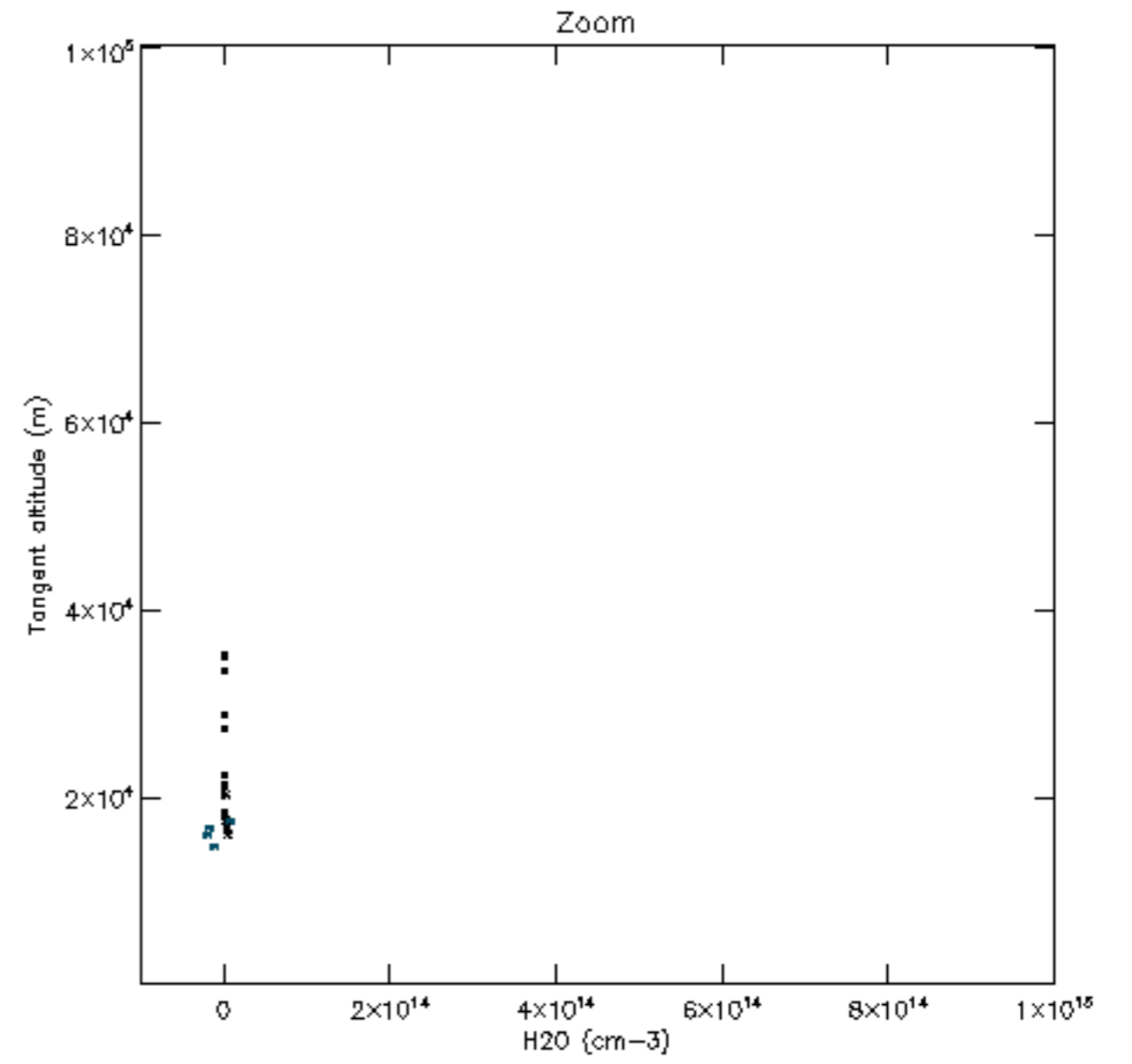
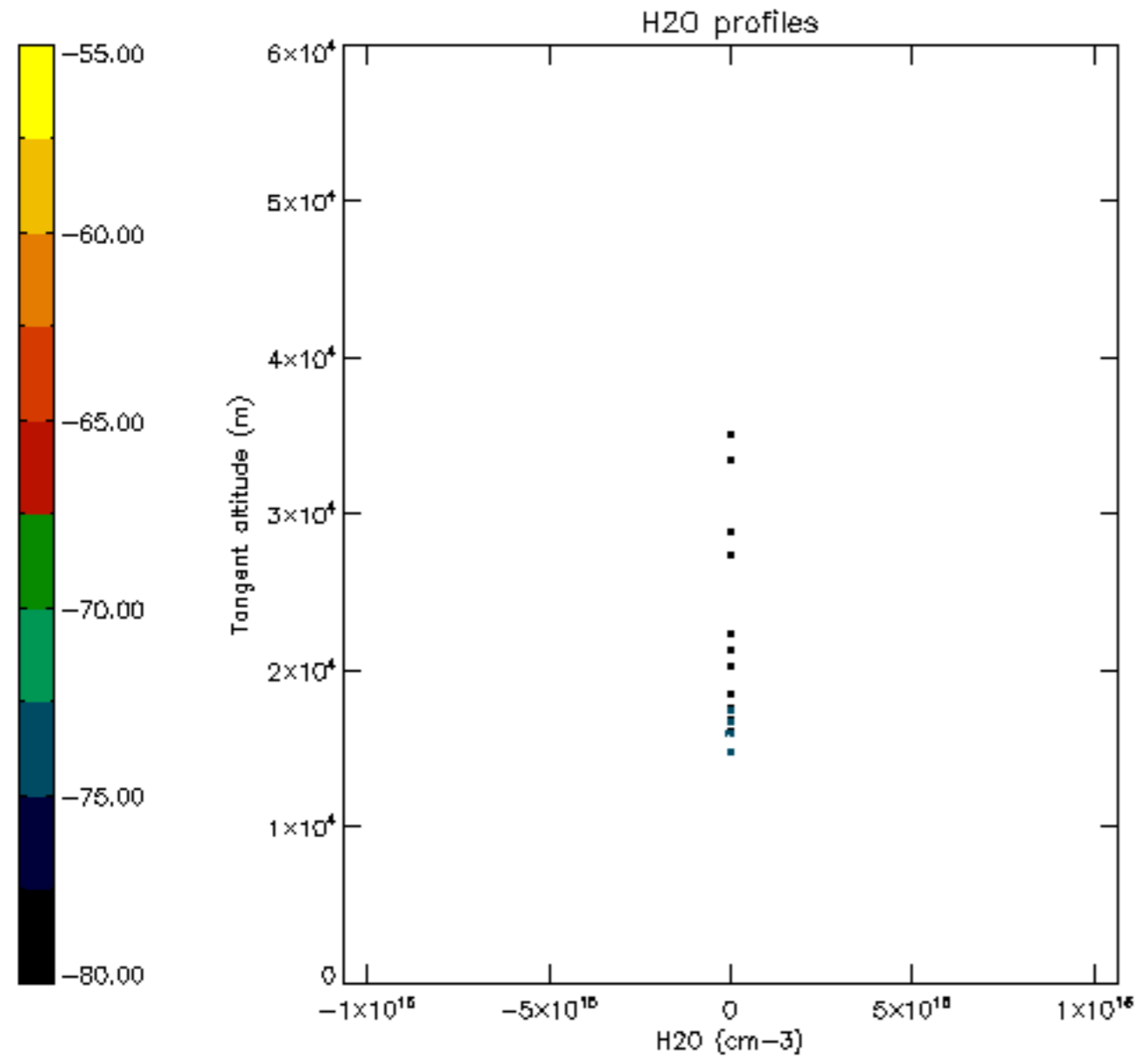


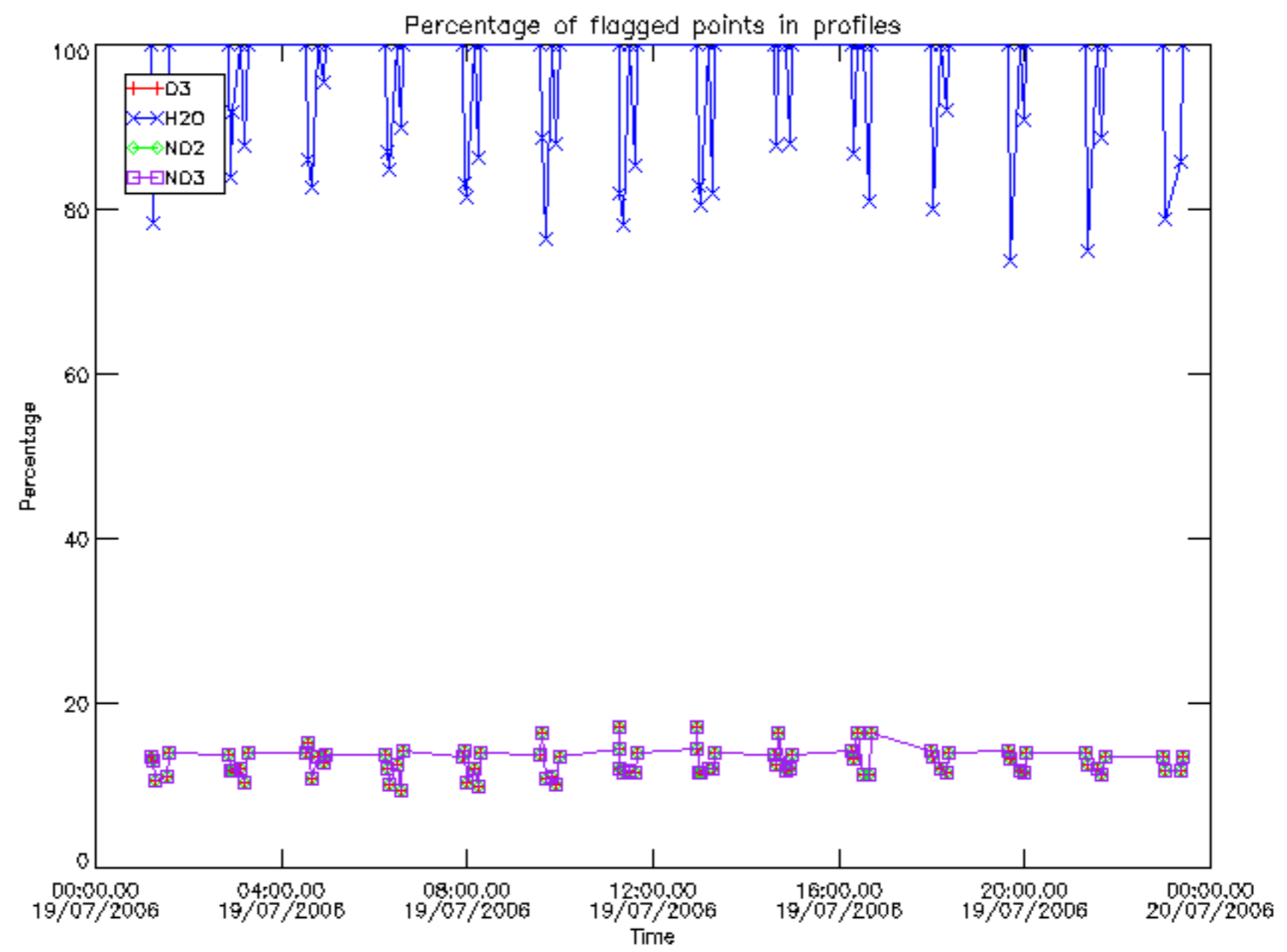




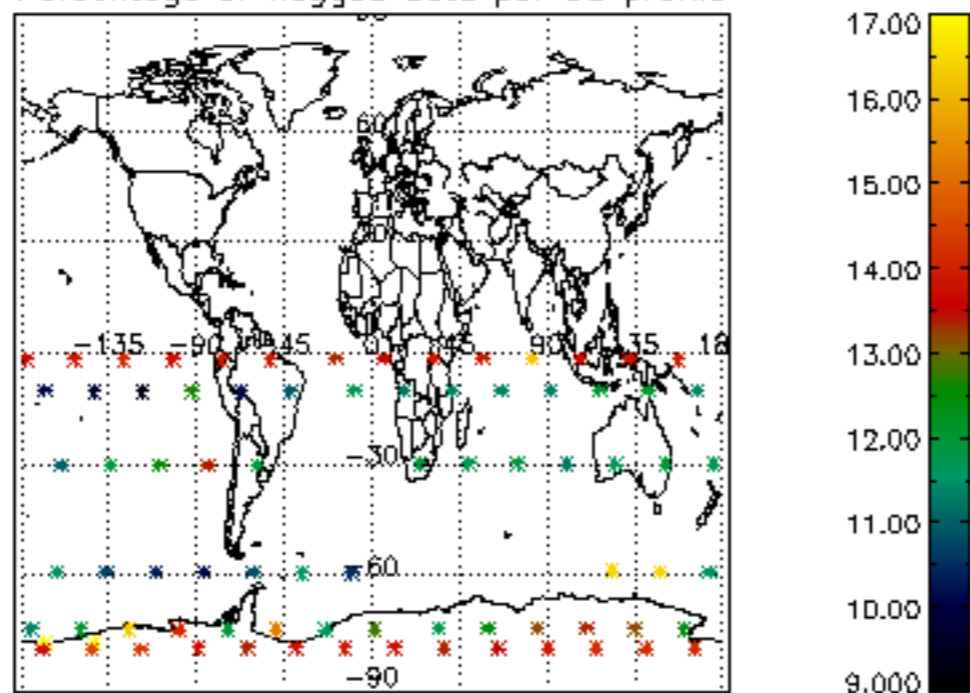




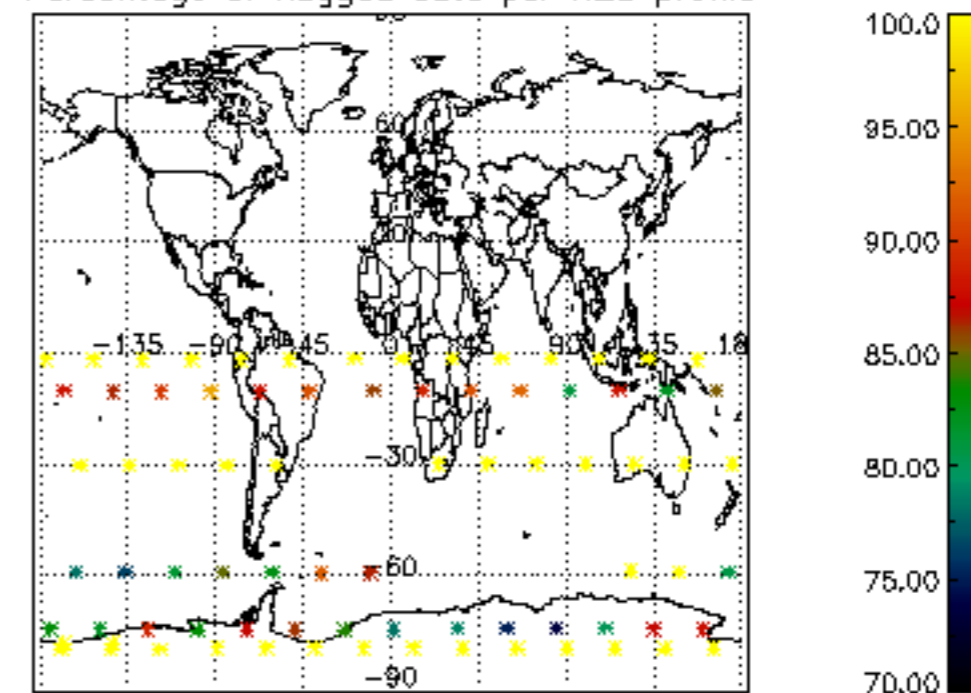




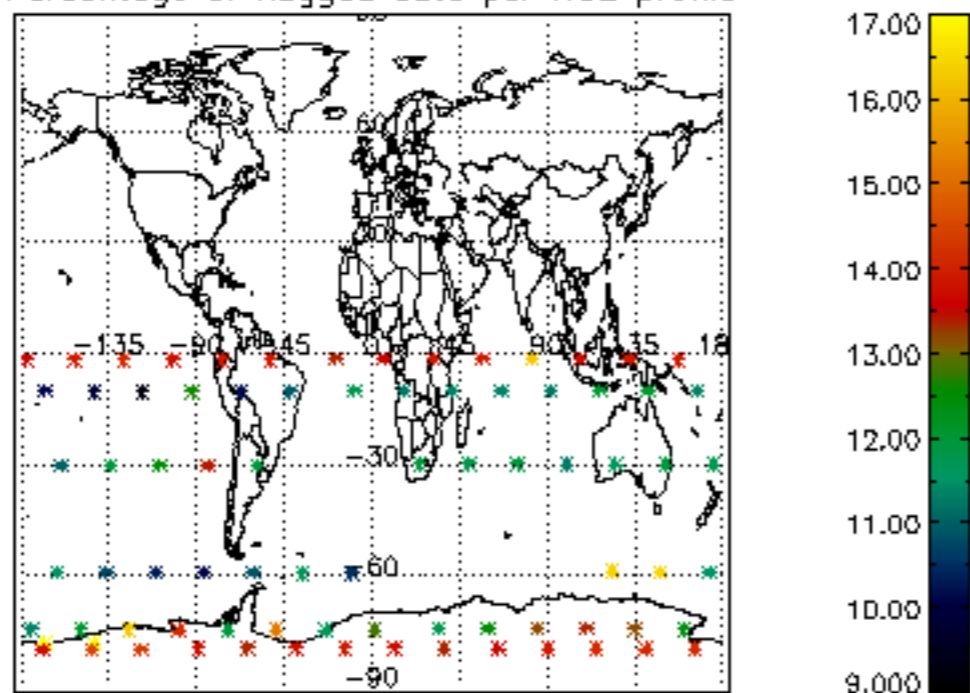
Percentage of flagged data per D3 profile



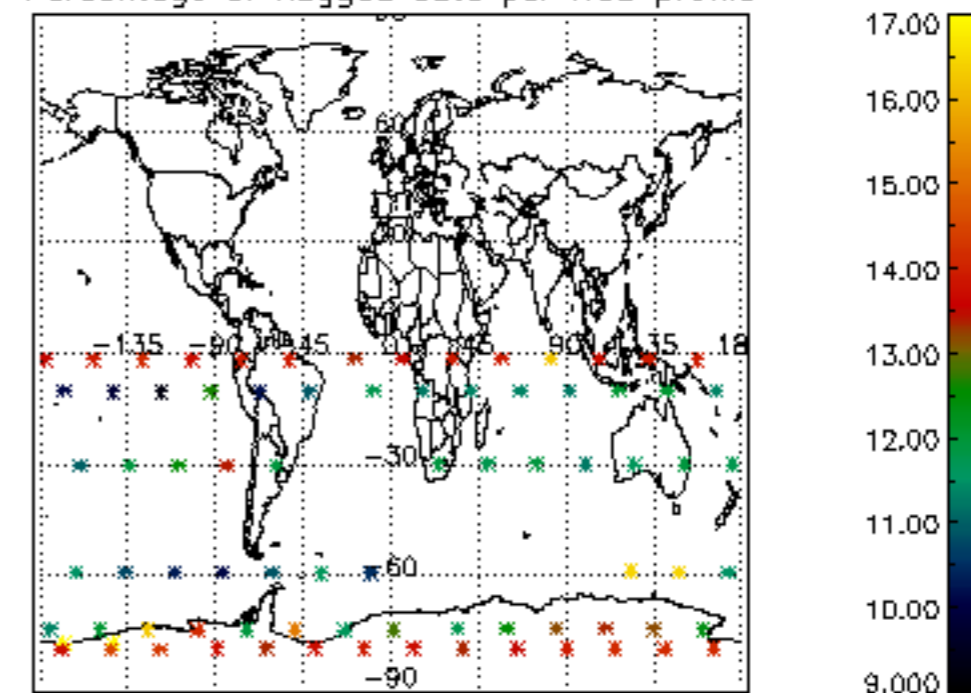
Percentage of flagged data per H2O profile

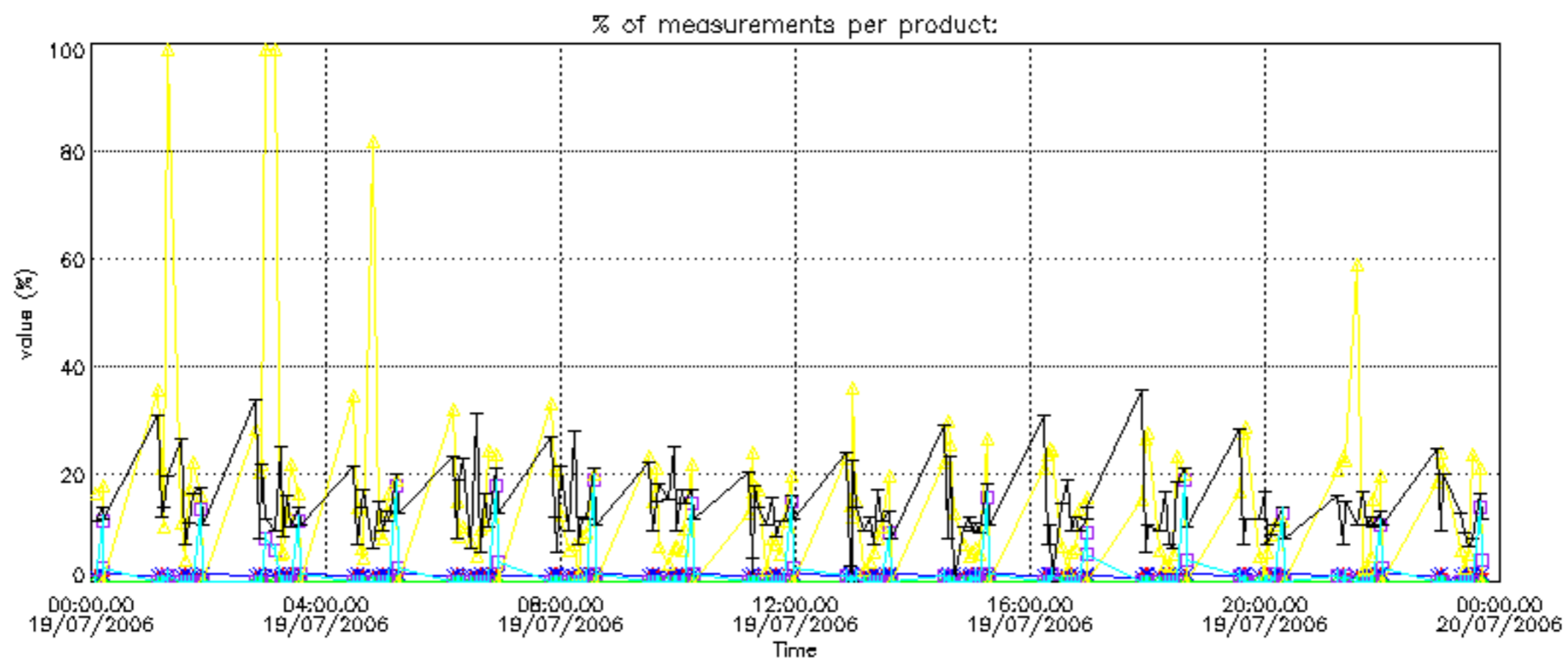
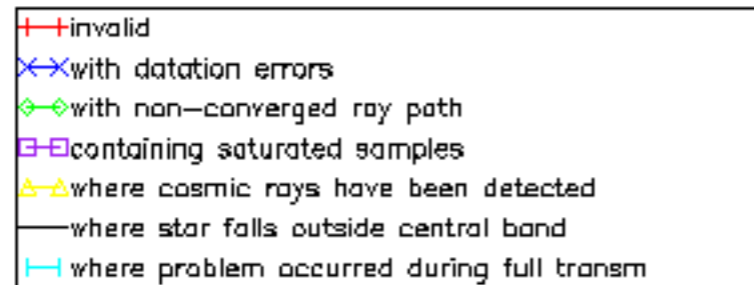


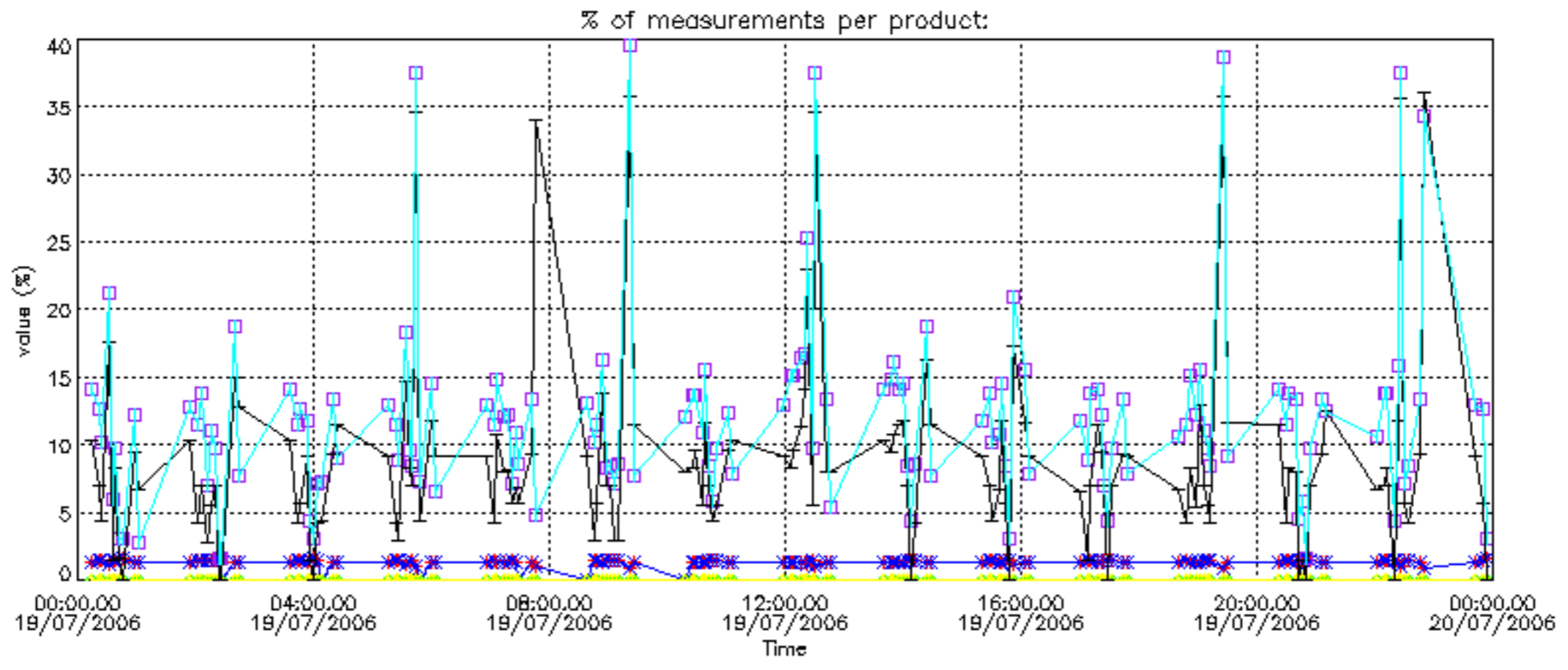
Percentage of flagged data per NO2 profile



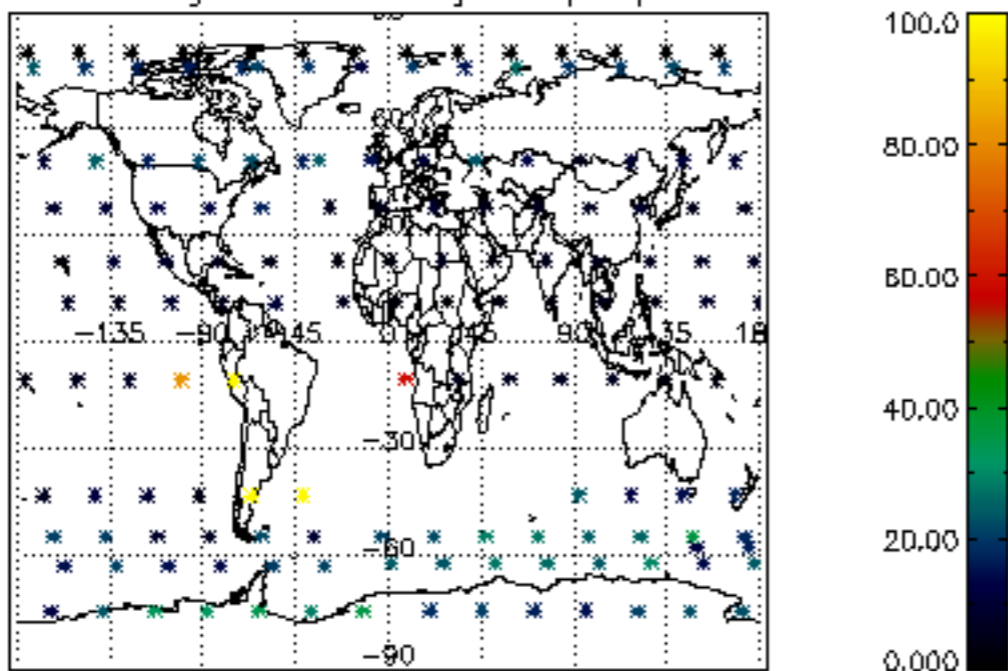
Percentage of flagged data per NO3 profile



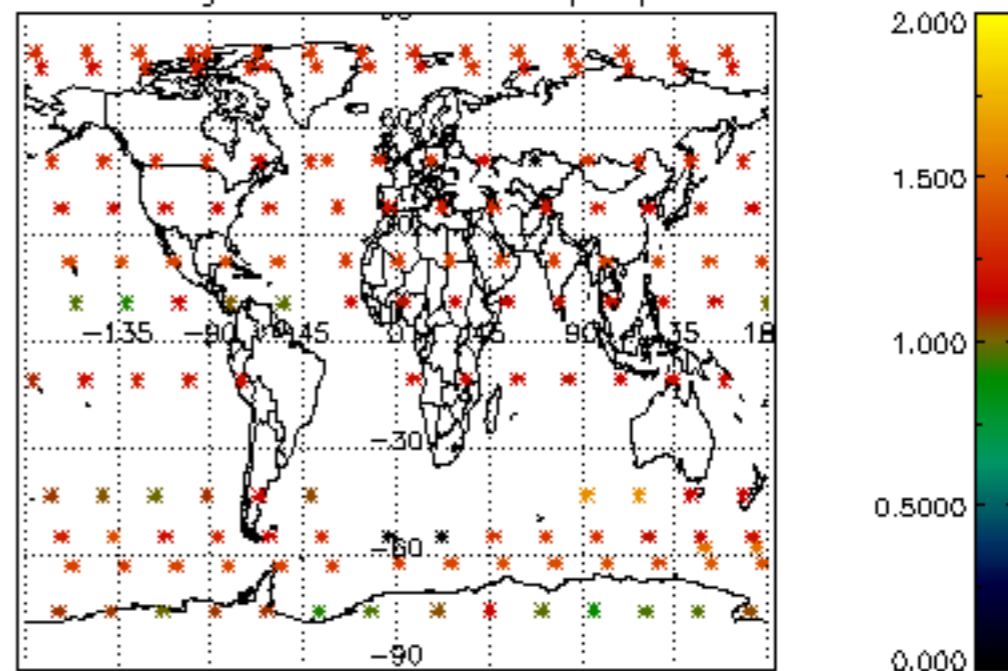




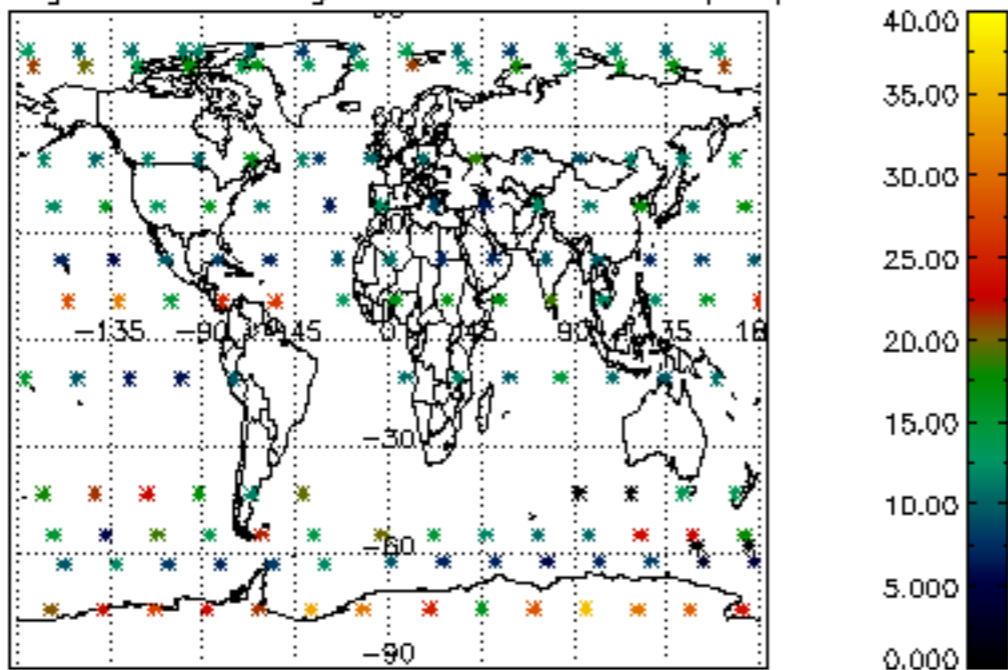
Percentage of cosmic ray hits per profile



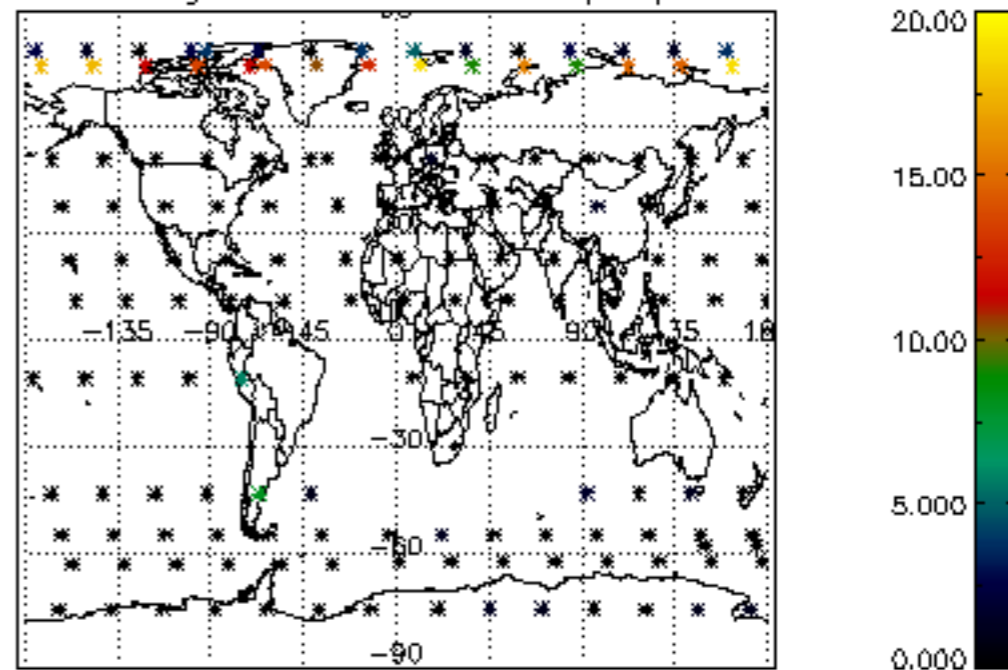
Percentage of datation errors per profile



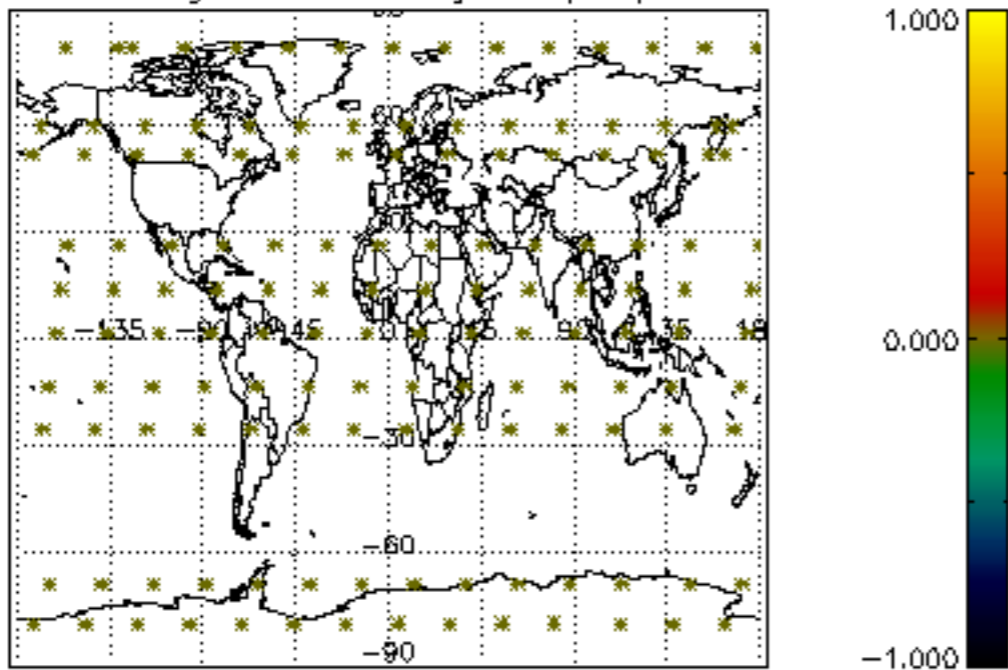
Percentage of star falling outside central band per profile



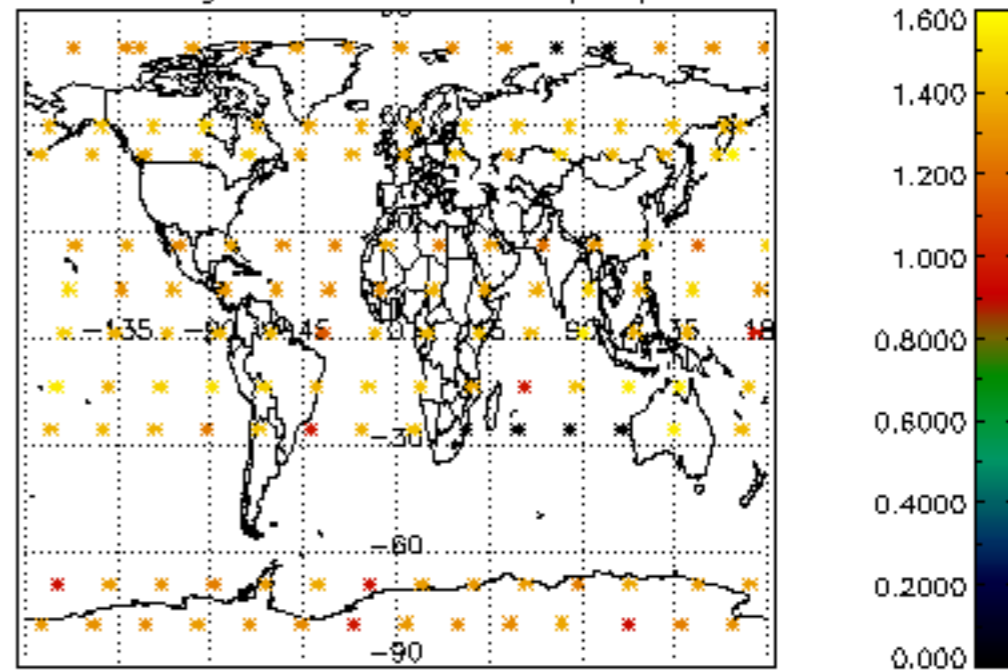
Percentage of saturation errors per profile



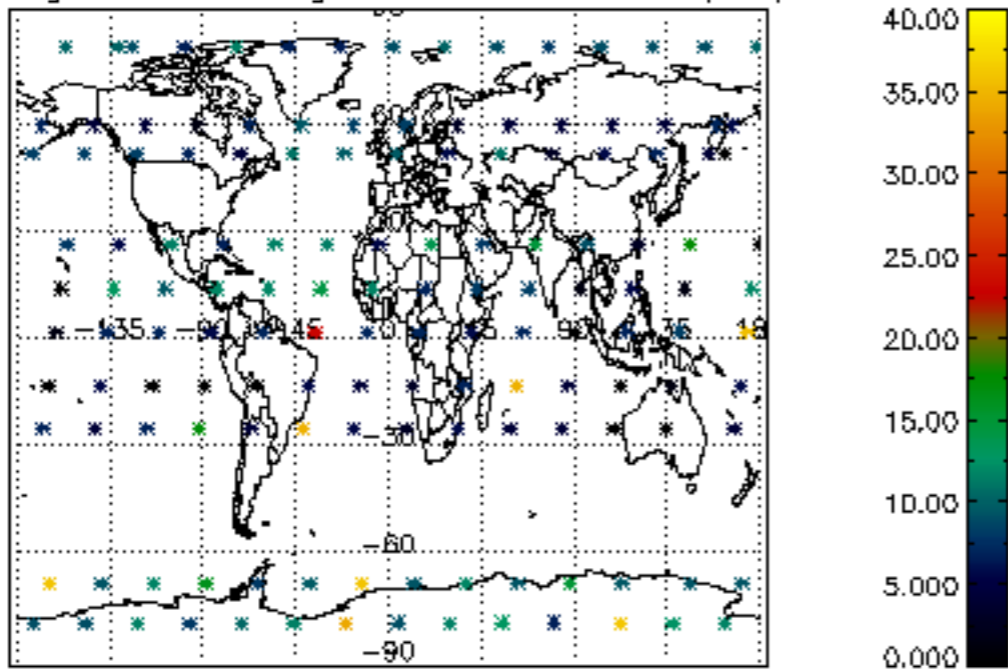
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

