

GOMOS Level 2 Daily Report

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

Item	Value
Time of report generation	25APR2013 17:21:38
Data source version	GOMOS/6.01
Start time of products	13-07-2008 (13JUL2008 00:00:00)
Stop time of products	14-07-2008 (14JUL2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	211
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__2PRFIN20080713_000520_000000432070_00174_33294_6754.N1	13-JUL-2008 00:05:20	Dark	43.000	9	Alp Eri	0.45300	24000.	86	33294	No
2	GOM_NL__2PRFIN20080713_000905_000000382070_00174_33294_6755.N1	13-JUL-2008 00:09:05	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	33294	No
3	GOM_NL__2PRFIN20080713_001253_000000412070_00174_33294_6756.N1	13-JUL-2008 00:12:53	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	33294	No
4	GOM_NL__2PRFIN20080713_001651_000000402070_00174_33294_6757.N1	13-JUL-2008 00:16:51	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	33294	No
5	GOM_NL__2PRFIN20080713_001946_000000402070_00174_33294_6758.N1	13-JUL-2008 00:19:46	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	33294	No
6	GOM_NL__2PRFIN20080713_002118_000000392070_00174_33294_6759.N1	13-JUL-2008 00:21:18	Twilight	38.500	147	Alp Ara	2.8770	26000.	77	33294	No
7	GOM_NL__2PRFIN20080713_002310_000000392070_00174_33294_6760.N1	13-JUL-2008 00:23:10	Twilight	38.500	40	The Sco	1.8590	7100.0	77	33294	No
8	GOM_NL__2PRFIN20080713_002450_000000392070_00174_33294_6761.N1	13-JUL-2008 00:24:50	Bright	38.500	25	35Lam Sco	1.6200	28000.	77	33294	No
9	GOM_NL__2PRFIN20080713_003100_000000372070_00174_33294_6762.N1	13-JUL-2008 00:31:00	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33294	No
10	GOM_NL__2PRFIN20080713_003618_000000352070_00174_33294_6763.N1	13-JUL-2008 00:36:18	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	33294	No
11	GOM_NL__2PRFIN20080713_003835_000000362070_00174_33294_6764.N1	13-JUL-2008 00:38:35	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	33294	No
12	GOM_NL__2PRFIN20080713_004152_000000352070_00174_33294_6765.N1	13-JUL-2008 00:41:52	Bright	35.000	127	27Bet Her	2.7810	4700.0	70	33294	No
13	GOM_NL__2PRFIN20080713_004424_000000352070_00174_33294_6766.N1	13-JUL-2008 00:44:24	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	33294	No
14	GOM_NL__2PRFIN20080713_004933_000000382070_00174_33294_6767.N1	13-JUL-2008 00:49:33	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	33294	No
15	GOM_NL__2PRFIN20080713_005237_000000362070_00174_33294_6768.N1	13-JUL-2008 00:52:37	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	33294	No
16	GOM_NL__2PRFIN20080713_005649_000000352070_00174_33294_6769.N1	13-JUL-2008 00:56:49	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	33294	No
17	GOM_NL__2PRFIN20080713_010031_000000332070_00174_33294_6770.N1	13-JUL-2008 01:00:31	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	33294	No
18	GOM_NL__2PRFIN20080713_012137_000000382070_00174_33294_6771.N1	13-JUL-2008 01:21:37	Twilight	37.500	13	87Alp Tau	0.86700	3800.0	75	33294	No
19	GOM_NL__2PRFIN20080713_012758_000000342070_00174_33294_6772.N1	13-JUL-2008 01:27:58	Dark	34.000	7	19Bet Ori	0.10000	14000.	68	33294	No
20	GOM_NL__2PRFIN20080713_013946_000000322070_00174_33294_6773.N1	13-JUL-2008 01:39:46	Dark	32.000	157	The1Eri	2.9060	9300.0	64	33294	No
21	GOM_NL__2PRFIN20080713_014556_000000512070_00175_33295_6778.N1	13-JUL-2008 01:45:56	Dark	51.000	9	Alp Eri	0.45300	24000.	102	33295	No
22	GOM_NL__2PRFIN20080713_014941_000000362070_00175_33295_6779.N1	13-JUL-2008 01:49:41	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	33295	No
23	GOM_NL__2PRFIN20080713_015329_000000422070_00175_33295_6780.N1	13-JUL-2008 01:53:29	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	33295	No
24	GOM_NL__2PRFIN20080713_015727_000000402070_00175_33295_6781.N1	13-JUL-2008 01:57:27	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33295	No
25	GOM_NL__2PRFIN20080713_020346_000000382070_00175_33295_6782.N1	13-JUL-2008 02:03:46	Twilight	38.000	40	The Sco	1.8590	7100.0	76	33295	No
26	GOM_NL__2PRFIN20080713_020526_000000392070_00175_33295_6783.N1	13-JUL-2008 02:05:26	Bright	39.000	25	35Lam Sco	1.6200	28000.	78	33295	No
27	GOM_NL__2PRFIN20080713_021136_000000382070_00175_33295_6784.N1	13-JUL-2008 02:11:36	Bright	37.500	86	35Eta Oph	2.4300	10200.	75	33295	No
28	GOM_NL__2PRFIN20080713_021654_000000352070_00175_33295_6785.N1	13-JUL-2008 02:16:54	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	33295	No
29	GOM_NL__2PRFIN20080713_021911_000000362070_00175_33295_6786.N1	13-JUL-2008 02:19:11	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	33295	No
30	GOM_NL__2PRFIN20080713_022228_000000352070_00175_33295_6787.N1	13-JUL-2008 02:22:28	Bright	35.000	127	27Bet Her	2.7810	4700.0	70	33295	No
31	GOM_NL__2PRFIN20080713_022500_000000362070_00175_33295_6788.N1	13-JUL-2008 02:25:00	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	33295	No
32	GOM_NL__2PRFIN20080713_023009_000000352070_00175_33295_6789.N1	13-JUL-2008 02:30:09	Bright	35.000	69	33Gam Dra	2.2310	3800.0	70	33295	No
33	GOM_NL__2PRFIN20080713_023313_000000362070_00175_33295_6790.N1	13-JUL-2008 02:33:13	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33295	No
34	GOM_NL__2PRFIN20080713_023725_000000372070_00175_33295_6791.N1	13-JUL-2008 02:37:25	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	33295	No
35	GOM_NL__2PRFIN20080713_024107_000000362070_00175_33295_6792.N1	13-JUL-2008 02:41:07	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33295	No
36	GOM_NL__2PRFIN20080713_030213_000000372070_00175_33295_6793.N1	13-JUL-2008 03:02:13	Twilight	37.000	13	87Alp Tau	0.86700	3800.0	74	33295	No
37	GOM_NL__2PRFIN20080713_030834_000000352070_00175_33295_6794.N1	13-JUL-2008 03:08:34	Dark	35.000	7	19Bet Ori	0.10000	14000.	70	33295	No
38	GOM_NL__2PRFIN20080713_031104_000000362070_00175_33295_6795.N1	13-JUL-2008 03:11:04	Dark	36.000	101	11Alp Lep	2.5820	7000.0	72	33295	No
39	GOM_NL__2PRFIN20080713_032022_000000322070_00175_33295_6796.N1	13-JUL-2008 03:20:22	Dark	32.000	157	The1Eri	2.9060	9300.0	64	33295	No
40	GOM_NL__2PRFIN20080713_032633_000000492070_00176_33296_6790.N1	13-JUL-2008 03:26:33	Dark	49.000	9	Alp Eri	0.45300	24000.	98	33296	No
41	GOM_NL__2PRFIN20080713_033018_000000382070_00176_33296_6791.N1	13-JUL-2008 03:30:18	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	33296	No
42	GOM_NL__2PRFIN20080713_033406_000000432070_00176_33296_6792.N1	13-JUL-2008 03:34:06	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	33296	No

43	GOM_NL__2PRFIN20080713_033804_000000412070_00176_33296_6793.N1	13-JUL-2008 03:38:04	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	33296	No
44	GOM_NL__2PRFIN20080713_034230_000000382070_00176_33296_6794.N1	13-JUL-2008 03:42:30	Tw_i_and_stray	38.000	147	Alp Ara	2.8770	26000.	76	33296	No
45	GOM_NL__2PRFIN20080713_034422_000000432070_00176_33296_6795.N1	13-JUL-2008 03:44:22	Tw_i_and_stray	43.000	40	The Sco	1.8590	7100.0	86	33296	No
46	GOM_NL__2PRFIN20080713_034602_000000412070_00176_33296_6796.N1	13-JUL-2008 03:46:02	Bright	41.000	25	35Lam Sco	1.6200	28000.	82	33296	No
47	GOM_NL__2PRFIN20080713_034842_000000422070_00176_33296_6797.N1	13-JUL-2008 03:48:42	Bright	42.000	137	22Lam Sgr	2.8240	4400.0	84	33296	No
48	GOM_NL__2PRFIN20080713_035730_000000352070_00176_33296_6798.N1	13-JUL-2008 03:57:30	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	33296	No
49	GOM_NL__2PRFIN20080713_035947_000000362070_00176_33296_6799.N1	13-JUL-2008 03:59:47	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	33296	No
50	GOM_NL__2PRFIN20080713_040536_000000362070_00176_33296_6800.N1	13-JUL-2008 04:05:36	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	33296	No
51	GOM_NL__2PRFIN20080713_041045_000000362070_00176_33296_6801.N1	13-JUL-2008 04:10:45	Bright	36.000	69	33Gam Dra	2.2310	3800.0	72	33296	No
52	GOM_NL__2PRFIN20080713_041349_000000332070_00176_33296_6802.N1	13-JUL-2008 04:13:49	Bright	33.000	119	14Eta Dra	2.7270	4700.0	66	33296	No
53	GOM_NL__2PRFIN20080713_041802_000000372070_00176_33296_6803.N1	13-JUL-2008 04:18:02	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	33296	No
54	GOM_NL__2PRFIN20080713_042143_000000342070_00176_33296_6804.N1	13-JUL-2008 04:21:43	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	33296	No
55	GOM_NL__2PRFIN20080713_044249_000000462070_00176_33296_6805.N1	13-JUL-2008 04:42:49	Twilight	46.000	13	87Alp Tau	0.86700	3800.0	92	33296	No
56	GOM_NL__2PRFIN20080713_044910_000000352070_00176_33296_6806.N1	13-JUL-2008 04:49:10	Dark	34.500	7	19Bet Ori	0.10000	14000.	69	33296	No
57	GOM_NL__2PRFIN20080713_050710_000000462070_00177_33297_6804.N1	13-JUL-2008 05:07:10	Dark	45.500	9	Alp Eri	0.45300	24000.	91	33297	No
58	GOM_NL__2PRFIN20080713_051054_000000362070_00177_33297_6805.N1	13-JUL-2008 05:10:54	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	33297	No
59	GOM_NL__2PRFIN20080713_051442_000000432070_00177_33297_6806.N1	13-JUL-2008 05:14:42	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	33297	No
60	GOM_NL__2PRFIN20080713_051840_000000422070_00177_33297_6807.N1	13-JUL-2008 05:18:40	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	33297	No
61	GOM_NL__2PRFIN20080713_052306_000000372070_00177_33297_6808.N1	13-JUL-2008 05:23:06	Tw_i_and_stray	36.500	147	Alp Ara	2.8770	26000.	73	33297	No
62	GOM_NL__2PRFIN20080713_052458_000000482070_00177_33297_6809.N1	13-JUL-2008 05:24:58	Tw_i_and_stray	47.500	40	The Sco	1.8590	7100.0	95	33297	No
63	GOM_NL__2PRFIN20080713_052638_000000372070_00177_33297_6810.N1	13-JUL-2008 05:26:38	Bright	36.500	25	35Lam Sco	1.6200	28000.	73	33297	No
64	GOM_NL__2PRFIN20080713_052918_000000392070_00177_33297_6811.N1	13-JUL-2008 05:29:18	Bright	38.500	137	22Lam Sgr	2.8240	4400.0	77	33297	No
65	GOM_NL__2PRFIN20080713_053806_000000352070_00177_33297_6812.N1	13-JUL-2008 05:38:06	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	33297	No
66	GOM_NL__2PRFIN20080713_054023_000000352070_00177_33297_6813.N1	13-JUL-2008 05:40:23	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	33297	No
67	GOM_NL__2PRFIN20080713_054612_000000372070_00177_33297_6814.N1	13-JUL-2008 05:46:12	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	33297	No
68	GOM_NL__2PRFIN20080713_055121_000000372070_00177_33297_6815.N1	13-JUL-2008 05:51:21	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	33297	No
69	GOM_NL__2PRFIN20080713_055426_000000362070_00177_33297_6816.N1	13-JUL-2008 05:54:26	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33297	No
70	GOM_NL__2PRFIN20080713_055838_000000382070_00177_33297_6817.N1	13-JUL-2008 05:58:38	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	33297	No
71	GOM_NL__2PRFIN20080713_060219_000000352070_00177_33297_6818.N1	13-JUL-2008 06:02:19	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	33297	No
72	GOM_NL__2PRFIN20080713_062326_000000462070_00177_33297_6819.N1	13-JUL-2008 06:23:26	Twilight	45.500	13	87Alp Tau	0.86700	3800.0	91	33297	No
73	GOM_NL__2PRFIN20080713_062947_000000342070_00177_33297_6820.N1	13-JUL-2008 06:29:47	Dark	33.500	7	19Bet Ori	0.10000	14000.	67	33297	No
74	GOM_NL__2PRFIN20080713_064746_000000512070_00178_33298_6818.N1	13-JUL-2008 06:47:46	Dark	50.500	9	Alp Eri	0.45300	24000.	101	33298	No
75	GOM_NL__2PRFIN20080713_065130_000000382070_00178_33298_6819.N1	13-JUL-2008 06:51:30	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	33298	No
76	GOM_NL__2PRFIN20080713_065519_000000422070_00178_33298_6820.N1	13-JUL-2008 06:55:19	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	33298	No
77	GOM_NL__2PRFIN20080713_065916_000000402070_00178_33298_6821.N1	13-JUL-2008 06:59:16	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	33298	No
78	GOM_NL__2PRFIN20080713_070342_000000362070_00178_33298_6822.N1	13-JUL-2008 07:03:42	Tw_i_and_stray	36.000	147	Alp Ara	2.8770	26000.	72	33298	No
79	GOM_NL__2PRFIN20080713_070534_000000412070_00178_33298_6823.N1	13-JUL-2008 07:05:34	Tw_i_and_stray	41.000	40	The Sco	1.8590	7100.0	82	33298	No
80	GOM_NL__2PRFIN20080713_070714_000000412070_00178_33298_6824.N1	13-JUL-2008 07:07:14	Bright	40.500	25	35Lam Sco	1.6200	28000.	81	33298	No
81	GOM_NL__2PRFIN20080713_070954_000000382070_00178_33298_6825.N1	13-JUL-2008 07:09:54	Bright	38.000	137	22Lam Sgr	2.8240	4400.0	76	33298	No
82	GOM_NL__2PRFIN20080713_071842_000000362070_00178_33298_6826.N1	13-JUL-2008 07:18:42	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	33298	No
83	GOM_NL__2PRFIN20080713_072100_000000382070_00178_33298_6827.N1	13-JUL-2008 07:21:00	Bright	38.000	59	55Alp Oph	2.0800	8900.0	76	33298	No
84	GOM_NL__2PRFIN20080713_072417_000000372070_00178_33298_6828.N1	13-JUL-2008 07:24:17	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	33298	No
85	GOM_NL__2PRFIN20080713_072649_000000362070_00178_33298_6829.N1	13-JUL-2008 07:26:49	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	33298	No
86	GOM_NL__2PRFIN20080713_073156_000000382070_00178_33298_6830.N1	13-JUL-2008 07:31:56	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	33298	No
87	GOM_NL__2PRFIN20080713_073502_000000362070_00178_33298_6831.N1	13-JUL-2008 07:35:02	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	33298	No
88	GOM_NL__2PRFIN20080713_073914_000000352070_00178_33298_6832.N1	13-JUL-2008 07:39:14	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	33298	No
89	GOM_NL__2PRFIN20080713_074255_000000342070_00178_33298_6833.N1	13-JUL-2008 07:42:55	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	33298	No
90	GOM_NL__2PRFIN20080713_080402_000000412070_00178_33298_6834.N1	13-JUL-2008 08:04:02	Twilight	41.000	13	87Alp Tau	0.86700	3800.0	82	33298	No
91	GOM_NL__2PRFIN20080713_081023_000000352070_00178_33298_6835.N1	13-JUL-2008 08:10:23	Dark	34.500	7	19Bet Ori	0.10000	14000.	69	33298	No
92	GOM_NL__2PRFIN20080713_083206_000000362070_00179_33299_6825.N1	13-JUL-2008 08:32:06	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	33299	No
93	GOM_NL__2PRFIN20080713_083555_000000442070_00179_33299_6826.N1	13-JUL-2008 08:35:55	Straylight	44.000	148	Alp Tuc	2.8780	4100.0	88	33299	No
94	GOM_NL__2PRFIN20080713_083953_000000402070_00179_33299_6827.N1	13-JUL-2008 08:39:53	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	33299	No
95	GOM_NL__2PRFIN20080713_084418_000000372070_00179_33299_6828.N1	13-JUL-2008 08:44:18	Tw_i_and_stray	37.000	147	Alp Ara	2.8770	26000.	74	33299	No
96	GOM_NL__2PRFIN20080713_084610_000000442070_00179_33299_6829.N1	13-JUL-2008 08:46:10	Tw_i_and_stray	43.500	40	The Sco	1.8590	7100.0	87	33299	No
97	GOM_NL__2PRFIN20080713_084750_000000402070_00179_33299_6830.N1	13-JUL-2008 08:47:50	Bright	40.000	25	35Lam Sco	1.6200	28000.	80	33299	No
98	GOM_NL__2PRFIN20080713_085030_000000372070_00179_33299_6831.N1	13-JUL-2008 08:50:30	Bright	36.500	137	22Lam Sgr	2.8240	4400.0	73	33299	No
99	GOM_NL__2PRFIN20080713_085918_000000352070_00179_33299_6832.N1	13-JUL-2008 08:59:18	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	33299	No
100	GOM_NL__2PRFIN20080713_090136_000000362070_00179_33299_6833.N1	13-JUL-2008 09:01:36	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	33299	No
101	GOM_NL__2PRFIN20080713_090453_000000372070_00179_33299_6834.N1	13-JUL-2008 09:04:53	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	33299	No

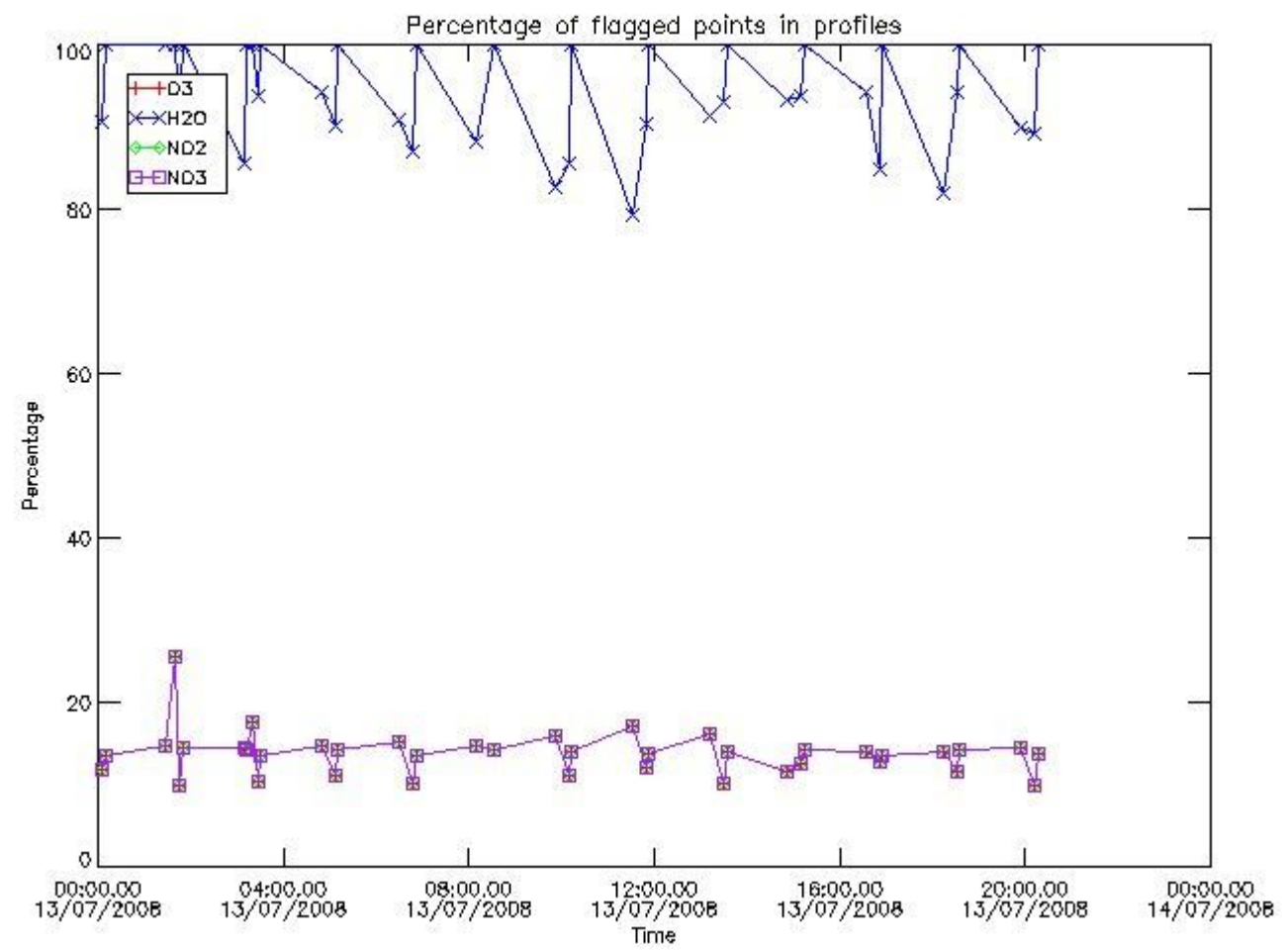
102	GOM_NL__2PRFIN20080713_090725_000000342070_00179_33299_6835.N1	13-JUL-2008 09:07:25	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	33299	No
103	GOM_NL__2PRFIN20080713_091232_000000382070_00179_33299_6836.N1	13-JUL-2008 09:12:32	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	33299	No
104	GOM_NL__2PRFIN20080713_091538_000000352070_00179_33299_6837.N1	13-JUL-2008 09:15:38	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	33299	No
105	GOM_NL__2PRFIN20080713_091950_000000522070_00179_33299_6838.N1	13-JUL-2008 09:19:50	Bright	52.000	60	7Bet UMi	2.0810	3950.0	104	33299	No
106	GOM_NL__2PRFIN20080713_092331_000000362070_00179_33299_6839.N1	13-JUL-2008 09:23:31	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33299	No
107	GOM_NL__2PRFIN20080713_094438_000000442070_00179_33299_6840.N1	13-JUL-2008 09:44:38	Twilight	44.000	13	87Alp Tau	0.86700	3800.0	88	33299	No
108	GOM_NL__2PRFIN20080713_095059_000000352070_00179_33299_6841.N1	13-JUL-2008 09:50:59	Dark	35.000	7	19Bet Ori	0.10000	14000.	70	33299	No
109	GOM_NL__2PRFIN20080713_100859_000000462070_00180_33300_6844.N1	13-JUL-2008 10:08:59	Dark	45.500	9	Alp Eri	0.45300	24000.	91	33300	No
110	GOM_NL__2PRFIN20080713_101243_000000372070_00180_33300_6845.N1	13-JUL-2008 10:12:43	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33300	No
111	GOM_NL__2PRFIN20080713_101632_000000442070_00180_33300_6846.N1	13-JUL-2008 10:16:32	Straylight	43.500	148	Alp Tuc	2.8780	4100.0	87	33300	No
112	GOM_NL__2PRFIN20080713_102029_000000412070_00180_33300_6847.N1	13-JUL-2008 10:20:29	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	33300	No
113	GOM_NL__2PRFIN20080713_102454_000000382070_00180_33300_6848.N1	13-JUL-2008 10:24:54	Tw_and_stray	38.000	147	Alp Ara	2.8770	26000.	76	33300	No
114	GOM_NL__2PRFIN20080713_102826_000000402070_00180_33300_6849.N1	13-JUL-2008 10:28:26	Bright	39.500	25	35Lam Sco	1.6200	28000.	79	33300	No
115	GOM_NL__2PRFIN20080713_103106_000000402070_00180_33300_6850.N1	13-JUL-2008 10:31:06	Bright	39.500	137	22Lam Sgr	2.8240	4400.0	79	33300	No
116	GOM_NL__2PRFIN20080713_103954_000000362070_00180_33300_6851.N1	13-JUL-2008 10:39:54	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	33300	No
117	GOM_NL__2PRFIN20080713_104212_000000362070_00180_33300_6852.N1	13-JUL-2008 10:42:12	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	33300	No
118	GOM_NL__2PRFIN20080713_104801_000000382070_00180_33300_6853.N1	13-JUL-2008 10:48:01	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	33300	No
119	GOM_NL__2PRFIN20080713_105308_000000382070_00180_33300_6854.N1	13-JUL-2008 10:53:08	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	33300	No
120	GOM_NL__2PRFIN20080713_105614_000000362070_00180_33300_6855.N1	13-JUL-2008 10:56:14	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33300	No
121	GOM_NL__2PRFIN20080713_110026_000000342070_00180_33300_6856.N1	13-JUL-2008 11:00:26	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	33300	No
122	GOM_NL__2PRFIN20080713_110407_000000362070_00180_33300_6857.N1	13-JUL-2008 11:04:07	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33300	No
123	GOM_NL__2PRFIN20080713_112514_000000422070_00180_33300_6858.N1	13-JUL-2008 11:25:14	Twilight	42.000	13	87Alp Tau	0.86700	3800.0	84	33300	No
124	GOM_NL__2PRFIN20080713_113135_000000422070_00180_33300_6859.N1	13-JUL-2008 11:31:35	Dark	41.500	7	19Bet Ori	0.10000	14000.	83	33300	No
125	GOM_NL__2PRFIN20080713_114936_000000422070_00181_33301_6858.N1	13-JUL-2008 11:49:36	Dark	42.000	9	Alp Eri	0.45300	24000.	84	33301	No
126	GOM_NL__2PRFIN20080713_115319_000000372070_00181_33301_6859.N1	13-JUL-2008 11:53:19	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33301	No
127	GOM_NL__2PRFIN20080713_115708_000000422070_00181_33301_6860.N1	13-JUL-2008 11:57:08	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	33301	No
128	GOM_NL__2PRFIN20080713_120105_000000402070_00181_33301_6861.N1	13-JUL-2008 12:01:05	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33301	No
129	GOM_NL__2PRFIN20080713_120530_000000382070_00181_33301_6862.N1	13-JUL-2008 12:05:30	Tw_and_stray	38.000	147	Alp Ara	2.8770	26000.	76	33301	No
130	GOM_NL__2PRFIN20080713_120722_000000392070_00181_33301_6863.N1	13-JUL-2008 12:07:22	Tw_and_stray	39.000	40	The Sco	1.8590	7100.0	78	33301	No
131	GOM_NL__2PRFIN20080713_120902_000000402070_00181_33301_6864.N1	13-JUL-2008 12:09:02	Bright	40.000	25	35Lam Sco	1.6200	28000.	80	33301	No
132	GOM_NL__2PRFIN20080713_121142_000000372070_00181_33301_6865.N1	13-JUL-2008 12:11:42	Bright	36.500	137	22Lam Sgr	2.8240	4400.0	73	33301	No
133	GOM_NL__2PRFIN20080713_122030_000000362070_00181_33301_6866.N1	13-JUL-2008 12:20:30	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	33301	No
134	GOM_NL__2PRFIN20080713_122247_000000362070_00181_33301_6867.N1	13-JUL-2008 12:22:47	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	33301	No
135	GOM_NL__2PRFIN20080713_122837_000000362070_00181_33301_6868.N1	13-JUL-2008 12:28:37	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	33301	No
136	GOM_NL__2PRFIN20080713_123344_000000382070_00181_33301_6869.N1	13-JUL-2008 12:33:44	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	33301	No
137	GOM_NL__2PRFIN20080713_123650_000000352070_00181_33301_6870.N1	13-JUL-2008 12:36:50	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	33301	No
138	GOM_NL__2PRFIN20080713_124102_000000332070_00181_33301_6871.N1	13-JUL-2008 12:41:02	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	33301	No
139	GOM_NL__2PRFIN20080713_124443_000000372070_00181_33301_6872.N1	13-JUL-2008 12:44:43	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33301	No
140	GOM_NL__2PRFIN20080713_130550_000000482070_00181_33301_6873.N1	13-JUL-2008 13:05:50	Twilight	47.500	13	87Alp Tau	0.86700	3800.0	95	33301	No
141	GOM_NL__2PRFIN20080713_131211_000000412070_00181_33301_6874.N1	13-JUL-2008 13:12:11	Dark	41.000	7	19Bet Ori	0.10000	14000.	82	33301	No
142	GOM_NL__2PRFIN20080713_133012_000000502070_00182_33302_6875.N1	13-JUL-2008 13:30:12	Dark	50.000	9	Alp Eri	0.45300	24000.	100	33302	No
143	GOM_NL__2PRFIN20080713_133355_000000372070_00182_33302_6876.N1	13-JUL-2008 13:33:55	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33302	No
144	GOM_NL__2PRFIN20080713_133745_000000422070_00182_33302_6877.N1	13-JUL-2008 13:37:45	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	33302	No
145	GOM_NL__2PRFIN20080713_134142_000000402070_00182_33302_6878.N1	13-JUL-2008 13:41:42	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33302	No
146	GOM_NL__2PRFIN20080713_134606_000000382070_00182_33302_6879.N1	13-JUL-2008 13:46:06	Tw_and_stray	38.000	147	Alp Ara	2.8770	26000.	76	33302	No
147	GOM_NL__2PRFIN20080713_134939_000000412070_00182_33302_6880.N1	13-JUL-2008 13:49:39	Bright	40.500	25	35Lam Sco	1.6200	28000.	81	33302	No
148	GOM_NL__2PRFIN20080713_135219_000000382070_00182_33302_6881.N1	13-JUL-2008 13:52:19	Bright	37.500	137	22Lam Sgr	2.8240	4400.0	75	33302	No
149	GOM_NL__2PRFIN20080713_140106_000000352070_00182_33302_6882.N1	13-JUL-2008 14:01:06	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	33302	No
150	GOM_NL__2PRFIN20080713_140324_000000342070_00182_33302_6883.N1	13-JUL-2008 14:03:24	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	33302	No
151	GOM_NL__2PRFIN20080713_140642_000000492070_00182_33302_6884.N1	13-JUL-2008 14:06:42	Bright	49.000	127	27Bet Her	2.7810	4700.0	98	33302	No
152	GOM_NL__2PRFIN20080713_140913_000000422070_00182_33302_6885.N1	13-JUL-2008 14:09:13	Bright	42.000	133	40Zet Her	2.8070	6000.0	84	33302	No
153	GOM_NL__2PRFIN20080713_141420_000000382070_00182_33302_6886.N1	13-JUL-2008 14:14:20	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	33302	No
154	GOM_NL__2PRFIN20080713_141726_000000362070_00182_33302_6887.N1	13-JUL-2008 14:17:26	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33302	No
155	GOM_NL__2PRFIN20080713_142138_000000342070_00182_33302_6888.N1	13-JUL-2008 14:21:38	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	33302	No
156	GOM_NL__2PRFIN20080713_142519_000000372070_00182_33302_6889.N1	13-JUL-2008 14:25:19	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33302	No
157	GOM_NL__2PRFIN20080713_144626_000000472070_00182_33302_6890.N1	13-JUL-2008 14:46:26	Twilight	47.000	13	87Alp Tau	0.86700	3800.0	94	33302	No
158	GOM_NL__2PRFIN20080713_145247_000000452070_00182_33302_6891.N1	13-JUL-2008 14:52:47	Dark	44.500	7	19Bet Ori	0.10000	14000.	89	33302	No
159	GOM_NL__2PRFIN20080713_151049_000000412070_00183_33303_6889.N1	13-JUL-2008 15:10:49	Dark	41.000	9	Alp Eri	0.45300	24000.	82	33303	No
160	GOM_NL__2PRFIN20080713_151431_000000362070_00183_33303_6890.N1	13-JUL-2008 15:14:31	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	33303	No

161	GOM_NL__2PRFIN20080713_151821_000000422070_00183_33303_6891.N1	13-JUL-2008 15:18:21	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	33303	No
162	GOM_NL__2PRFIN20080713_152218_000000392070_00183_33303_6892.N1	13-JUL-2008 15:22:18	Straylight	38.500	45	Alp Pav	1.9400	26000.	77	33303	No
163	GOM_NL__2PRFIN20080713_152642_000000382070_00183_33303_6893.N1	13-JUL-2008 15:26:42	Twilight	38.000	147	Alp Ara	2.8770	26000.	76	33303	No
164	GOM_NL__2PRFIN20080713_153015_000000402070_00183_33303_6894.N1	13-JUL-2008 15:30:15	Bright	40.000	25	35Lam Sco	1.6200	28000.	80	33303	No
165	GOM_NL__2PRFIN20080713_153255_000000392070_00183_33303_6895.N1	13-JUL-2008 15:32:55	Bright	38.500	137	22Lam Sgr	2.8240	4400.0	77	33303	No
166	GOM_NL__2PRFIN20080713_154142_000000352070_00183_33303_6896.N1	13-JUL-2008 15:41:42	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	33303	No
167	GOM_NL__2PRFIN20080713_154400_000000352070_00183_33303_6897.N1	13-JUL-2008 15:44:00	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	33303	No
168	GOM_NL__2PRFIN20080713_154950_000000342070_00183_33303_6898.N1	13-JUL-2008 15:49:50	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	33303	No
169	GOM_NL__2PRFIN20080713_155456_000000372070_00183_33303_6899.N1	13-JUL-2008 15:54:56	Bright	36.500	69	33Gam Dra	2.2310	3800.0	73	33303	No
170	GOM_NL__2PRFIN20080713_155802_000000342070_00183_33303_6900.N1	13-JUL-2008 15:58:02	Bright	33.500	119	14Eta Dra	2.7270	4700.0	67	33303	No
171	GOM_NL__2PRFIN20080713_160215_000000332070_00183_33303_6901.N1	13-JUL-2008 16:02:15	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	33303	No
172	GOM_NL__2PRFIN20080713_160555_000000352070_00183_33303_6902.N1	13-JUL-2008 16:05:55	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	33303	No
173	GOM_NL__2PRFIN20080713_162703_000000532070_00183_33303_6903.N1	13-JUL-2008 16:27:03	Twilight	53.000	13	87Alp Tau	0.86700	3800.0	106	33303	No
174	GOM_NL__2PRFIN20080713_163323_000000442070_00183_33303_6904.N1	13-JUL-2008 16:33:23	Dark	43.500	7	19Bet Ori	0.10000	14000.	87	33303	No
175	GOM_NL__2PRFIN20080713_165125_000000442070_00184_33304_6899.N1	13-JUL-2008 16:51:25	Dark	43.500	9	Alp Eri	0.45300	24000.	87	33304	No
176	GOM_NL__2PRFIN20080713_165507_000000382070_00184_33304_6900.N1	13-JUL-2008 16:55:07	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	33304	No
177	GOM_NL__2PRFIN20080713_165858_000000412070_00184_33304_6901.N1	13-JUL-2008 16:58:58	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	33304	No
178	GOM_NL__2PRFIN20080713_170254_000000402070_00184_33304_6902.N1	13-JUL-2008 17:02:54	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33304	No
179	GOM_NL__2PRFIN20080713_170719_000000382070_00184_33304_6903.N1	13-JUL-2008 17:07:19	Twilight	37.500	147	Alp Ara	2.8770	26000.	75	33304	No
180	GOM_NL__2PRFIN20080713_171051_000000442070_00184_33304_6904.N1	13-JUL-2008 17:10:51	Bright	44.000	25	35Lam Sco	1.6200	28000.	88	33304	No
181	GOM_NL__2PRFIN20080713_171331_000000392070_00184_33304_6905.N1	13-JUL-2008 17:13:31	Bright	38.500	137	22Lam Sgr	2.8240	4400.0	77	33304	No
182	GOM_NL__2PRFIN20080713_172218_000000362070_00184_33304_6906.N1	13-JUL-2008 17:22:18	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	33304	No
183	GOM_NL__2PRFIN20080713_172436_000000372070_00184_33304_6907.N1	13-JUL-2008 17:24:36	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	33304	No
184	GOM_NL__2PRFIN20080713_173026_000000382070_00184_33304_6908.N1	13-JUL-2008 17:30:26	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	33304	No
185	GOM_NL__2PRFIN20080713_173531_000000372070_00184_33304_6909.N1	13-JUL-2008 17:35:31	Bright	36.500	69	33Gam Dra	2.2310	3800.0	73	33304	No
186	GOM_NL__2PRFIN20080713_173838_000000352070_00184_33304_6910.N1	13-JUL-2008 17:38:38	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	33304	No
187	GOM_NL__2PRFIN20080713_174251_000000372070_00184_33304_6911.N1	13-JUL-2008 17:42:51	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	33304	No
188	GOM_NL__2PRFIN20080713_174631_000000362070_00184_33304_6912.N1	13-JUL-2008 17:46:31	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33304	No
189	GOM_NL__2PRFIN20080713_180739_000000522070_00184_33304_6913.N1	13-JUL-2008 18:07:39	Twilight	51.500	13	87Alp Tau	0.86700	3800.0	103	33304	No
190	GOM_NL__2PRFIN20080713_181359_000000372070_00184_33304_6914.N1	13-JUL-2008 18:13:59	Dark	36.500	7	19Bet Ori	0.10000	14000.	73	33304	No
191	GOM_NL__2PRFIN20080713_183202_000000452070_00185_33305_6922.N1	13-JUL-2008 18:32:02	Dark	44.500	9	Alp Eri	0.45300	24000.	89	33305	No
192	GOM_NL__2PRFIN20080713_183543_000000362070_00185_33305_6923.N1	13-JUL-2008 18:35:43	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	33305	No
193	GOM_NL__2PRFIN20080713_183934_000000462070_00185_33305_6924.N1	13-JUL-2008 18:39:34	Straylight	46.000	148	Alp Tuc	2.8780	4100.0	92	33305	No
194	GOM_NL__2PRFIN20080713_184331_000000402070_00185_33305_6925.N1	13-JUL-2008 18:43:31	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33305	No
195	GOM_NL__2PRFIN20080713_184755_000000372070_00185_33305_6926.N1	13-JUL-2008 18:47:55	Twilight	37.000	147	Alp Ara	2.8770	26000.	74	33305	No
196	GOM_NL__2PRFIN20080713_185127_000000382070_00185_33305_6927.N1	13-JUL-2008 18:51:27	Bright	38.000	25	35Lam Sco	1.6200	28000.	76	33305	No
197	GOM_NL__2PRFIN20080713_185407_000000392070_00185_33305_6928.N1	13-JUL-2008 18:54:07	Bright	38.500	137	22Lam Sgr	2.8240	4400.0	77	33305	No
198	GOM_NL__2PRFIN20080713_190255_000000362070_00185_33305_6929.N1	13-JUL-2008 19:02:55	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	33305	No
199	GOM_NL__2PRFIN20080713_190512_000000362070_00185_33305_6930.N1	13-JUL-2008 19:05:12	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	33305	No
200	GOM_NL__2PRFIN20080713_190831_000000362070_00185_33305_6931.N1	13-JUL-2008 19:08:31	Bright	35.500	127	27Bet Her	2.7810	4700.0	71	33305	No
201	GOM_NL__2PRFIN20080713_191102_000000362070_00185_33305_6932.N1	13-JUL-2008 19:11:02	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	33305	No
202	GOM_NL__2PRFIN20080713_191607_000000372070_00185_33305_6933.N1	13-JUL-2008 19:16:07	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	33305	No
203	GOM_NL__2PRFIN20080713_191914_000000372070_00185_33305_6934.N1	13-JUL-2008 19:19:14	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	33305	No
204	GOM_NL__2PRFIN20080713_192327_000000382070_00185_33305_6935.N1	13-JUL-2008 19:23:27	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	33305	No
205	GOM_NL__2PRFIN20080713_192707_000000372070_00185_33305_6936.N1	13-JUL-2008 19:27:07	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33305	No
206	GOM_NL__2PRFIN20080713_194815_000000542070_00185_33305_6937.N1	13-JUL-2008 19:48:15	Twilight	54.000	13	87Alp Tau	0.86700	3800.0	108	33305	No
207	GOM_NL__2PRFIN20080713_195436_000000352070_00185_33305_6938.N1	13-JUL-2008 19:54:36	Dark	35.000	7	19Bet Ori	0.10000	14000.	70	33305	No
208	GOM_NL__2PRFIN20080713_201238_000000522070_00186_33306_6936.N1	13-JUL-2008 20:12:38	Dark	51.500	9	Alp Eri	0.45300	24000.	103	33306	No
209	GOM_NL__2PRFIN20080713_201620_000000372070_00186_33306_6937.N1	13-JUL-2008 20:16:20	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33306	No
210	GOM_NL__2PRFIN20080713_202011_000000422070_00186_33306_6938.N1	13-JUL-2008 20:20:11	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	33306	No
211	GOM_NL__2PRFIN20080713_202407_000000472070_00186_33306_6939.N1	13-JUL-2008 20:24:07	Straylight	46.500	45	Alp Pav	1.9400	26000.	93	33306	No

3. Quality information per product

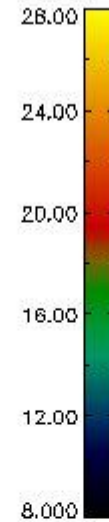
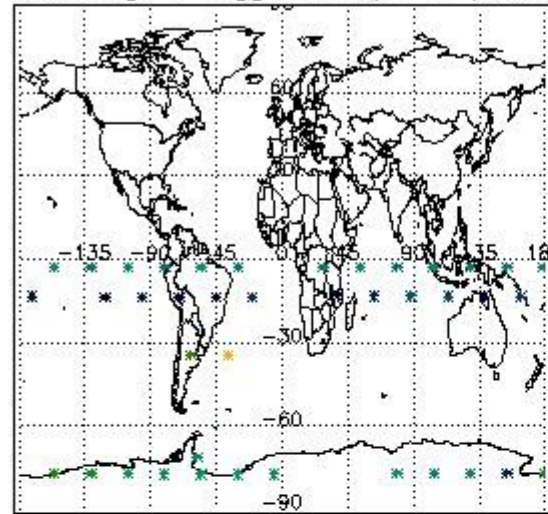
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

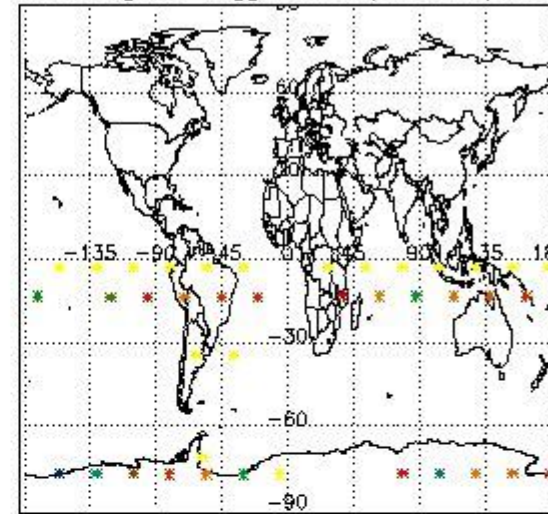


3.2 Plot quality information per product (world map)

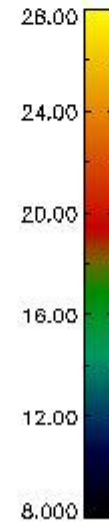
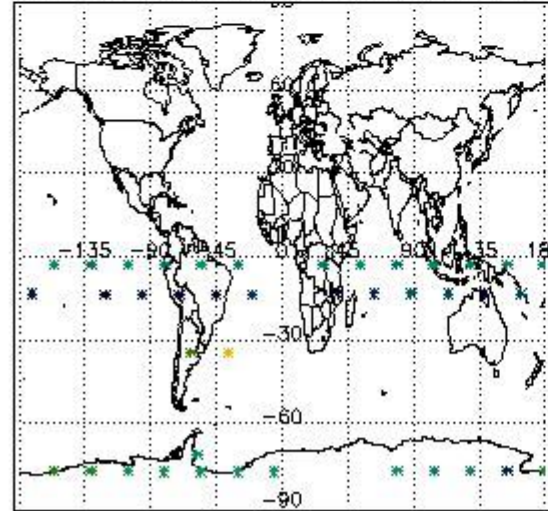
Percentage of flagged data per O3 profile



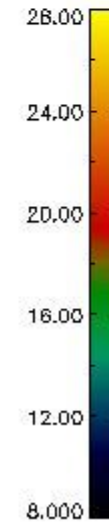
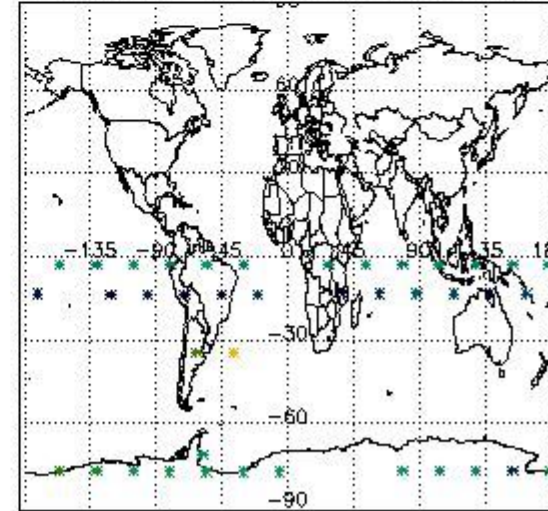
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

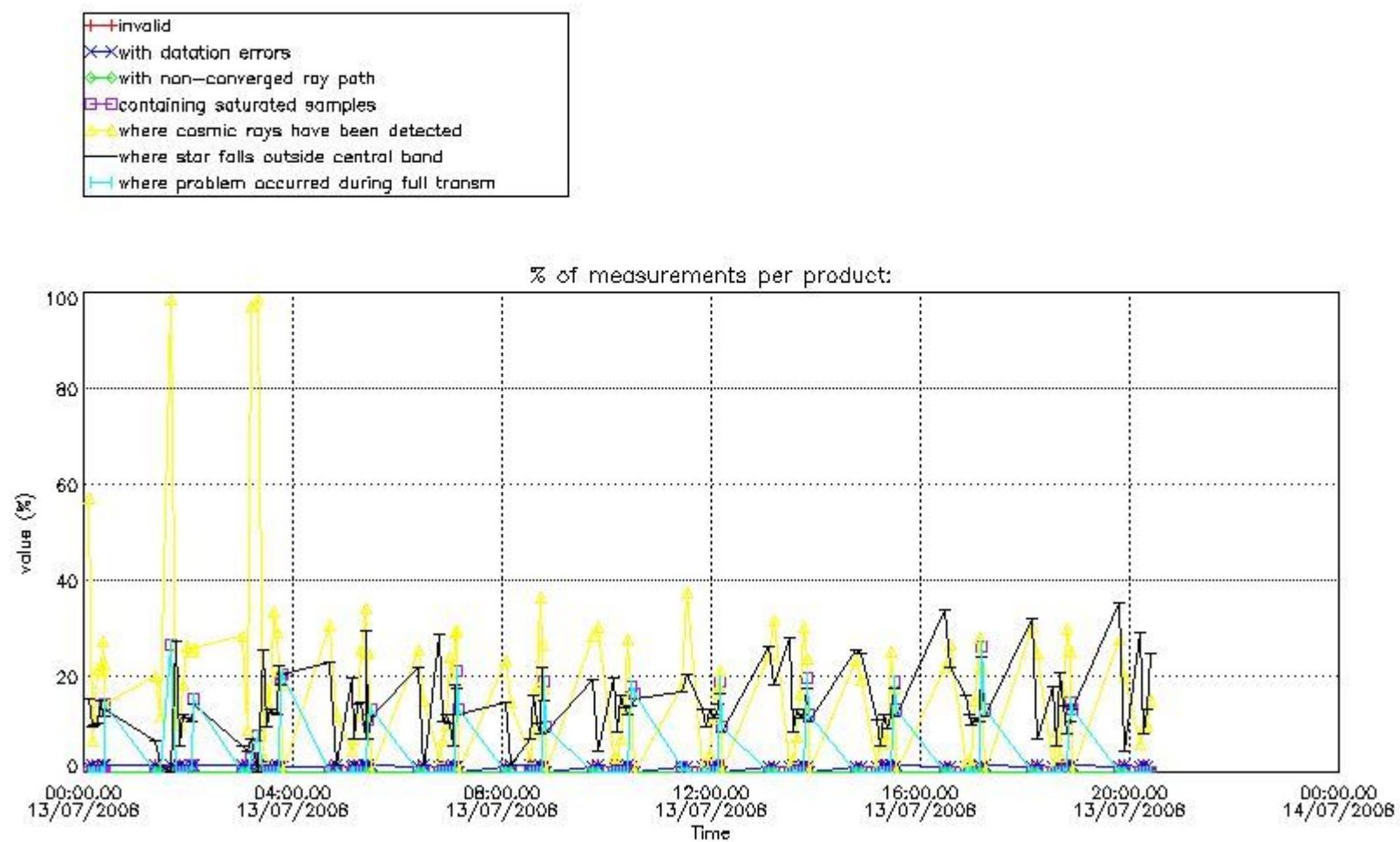


4. Level 1 quality information per product

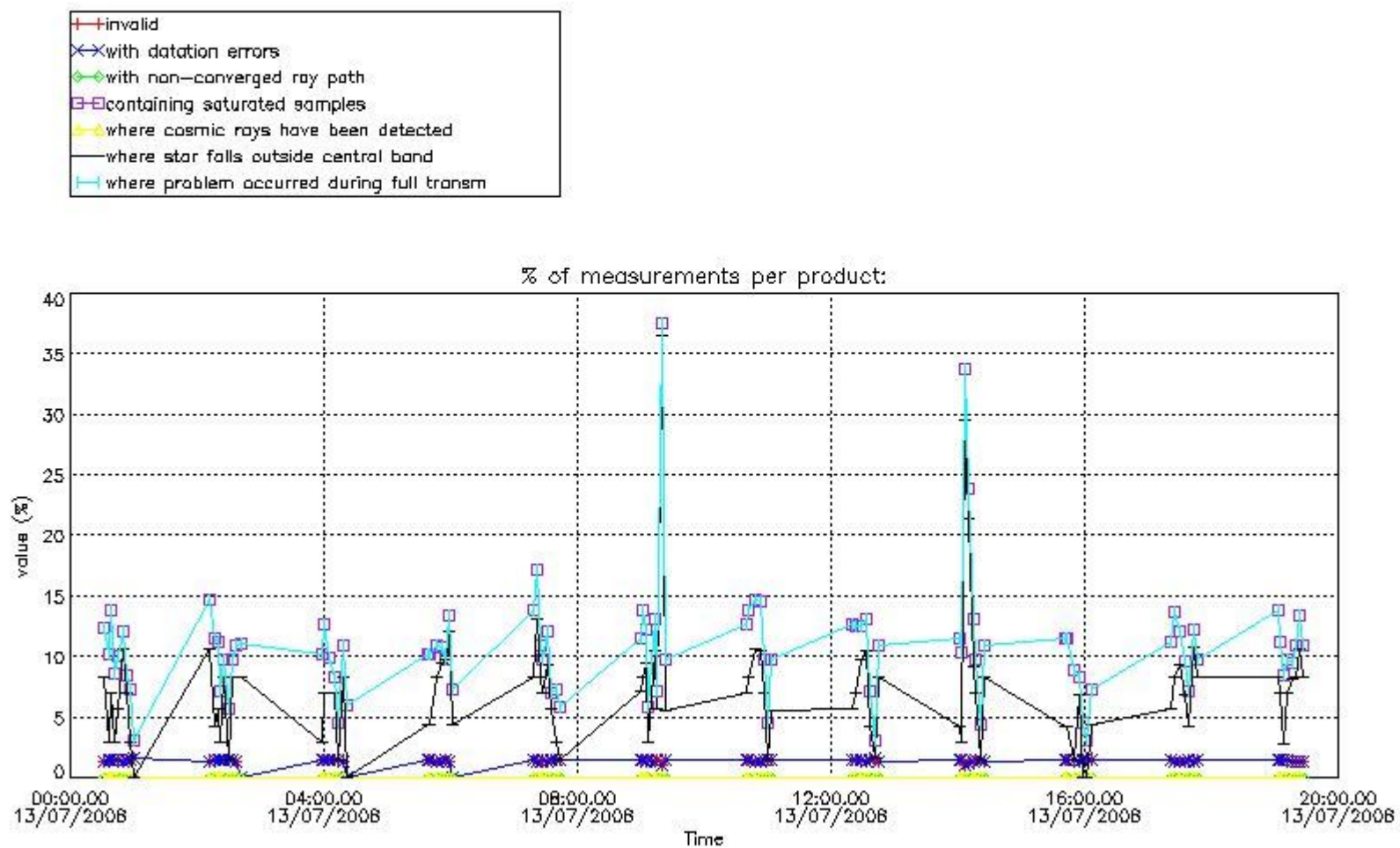
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

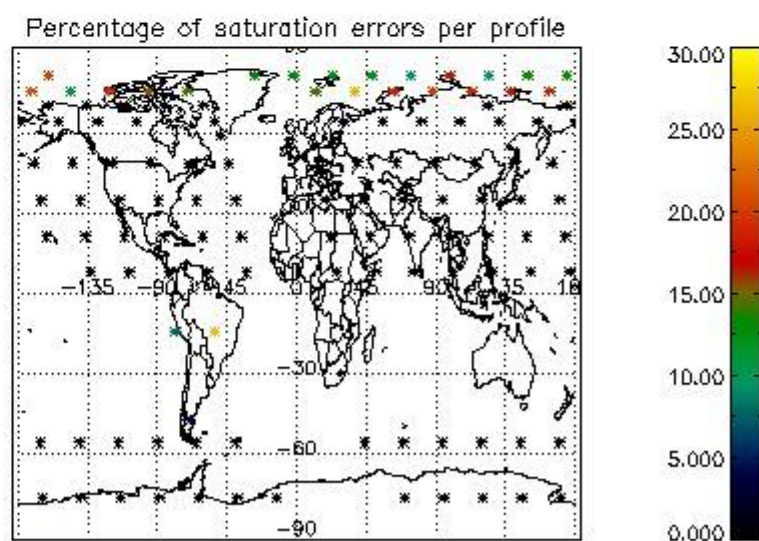
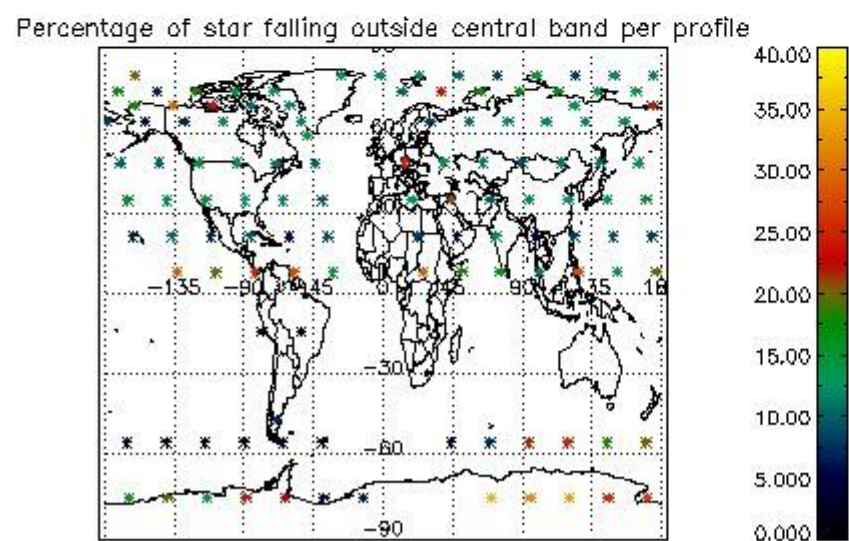
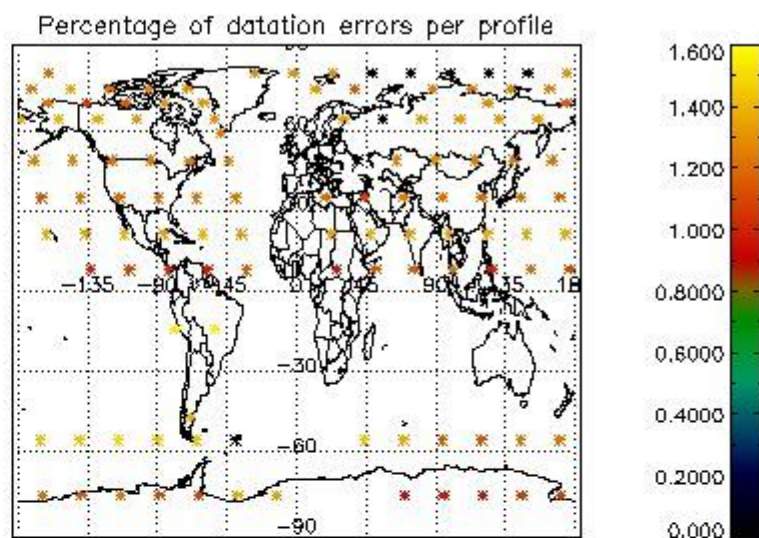
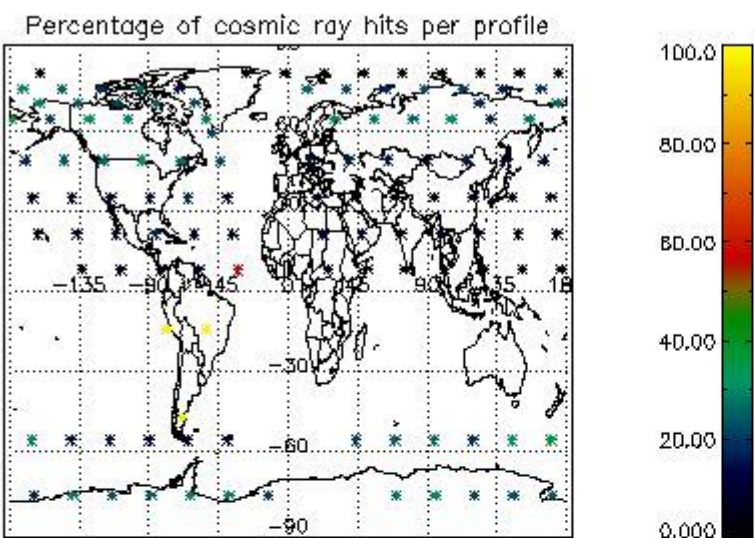


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

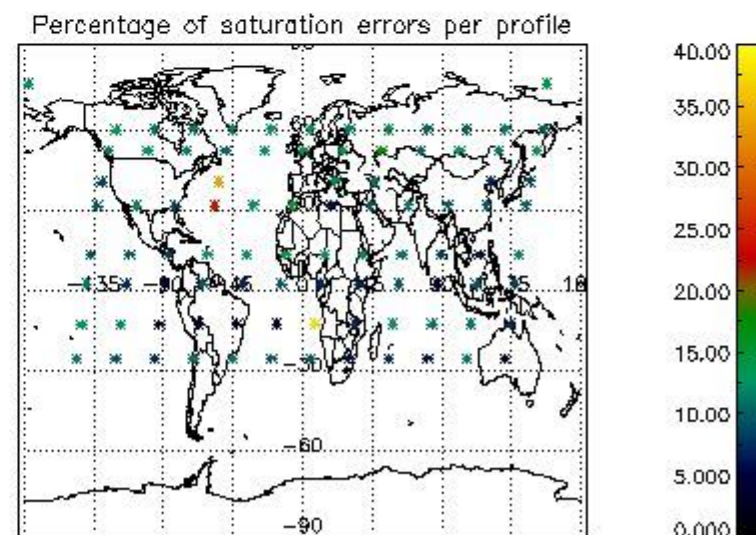
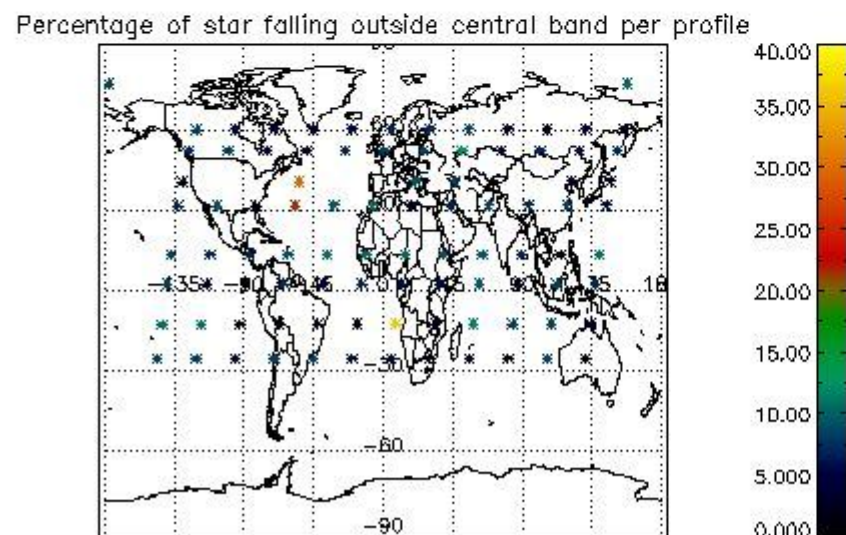
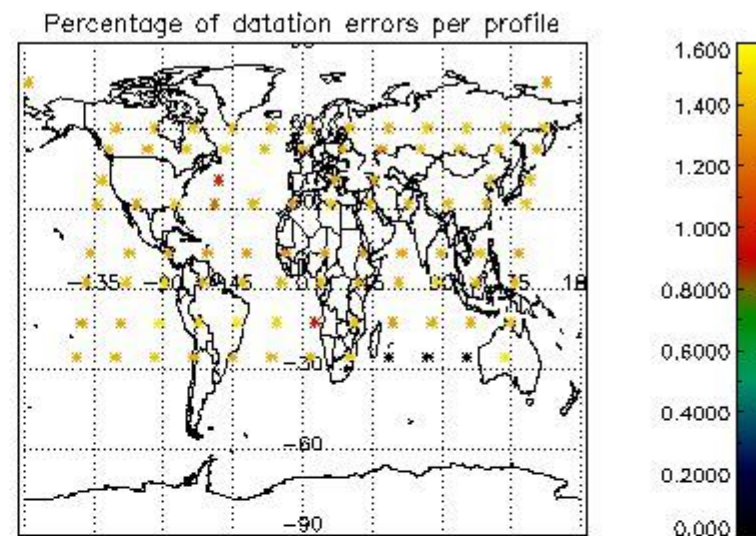
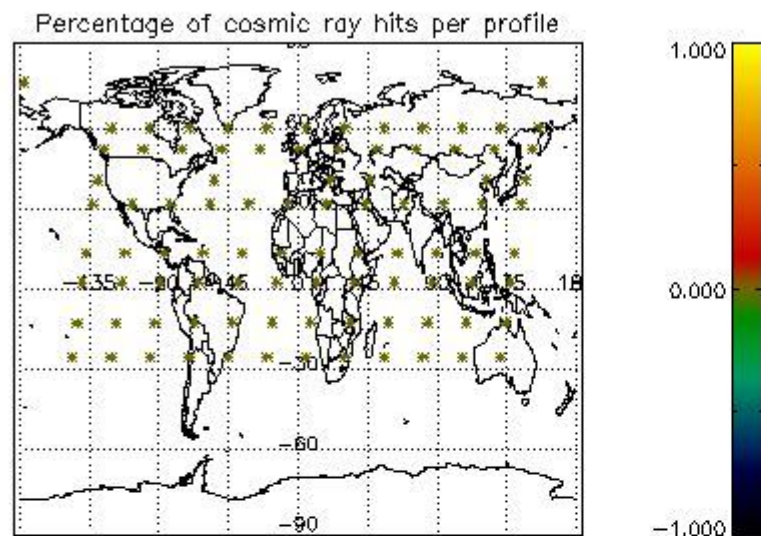


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

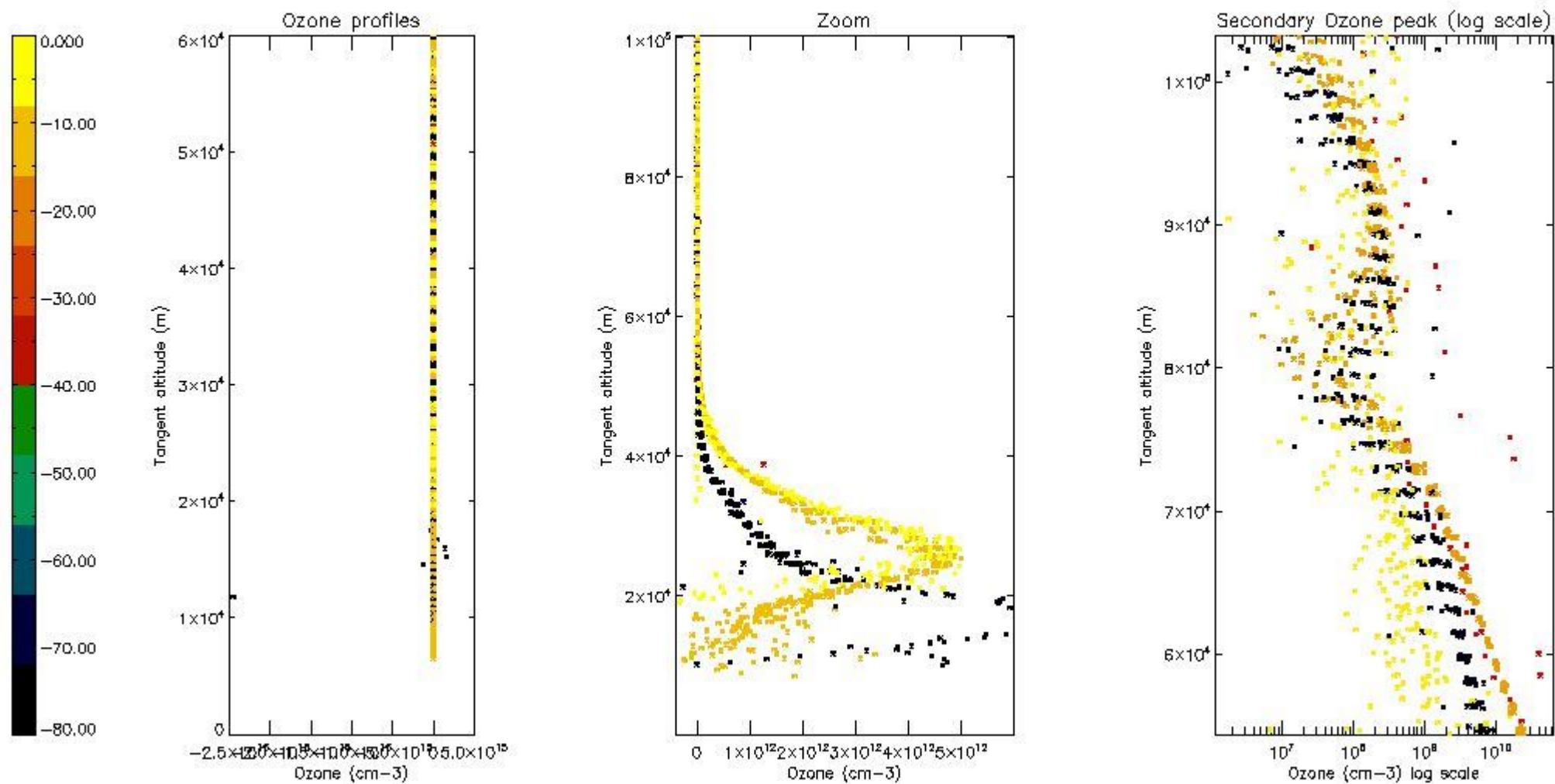
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	20
STD < 20	11

STD < 10	9
STD < 5	6

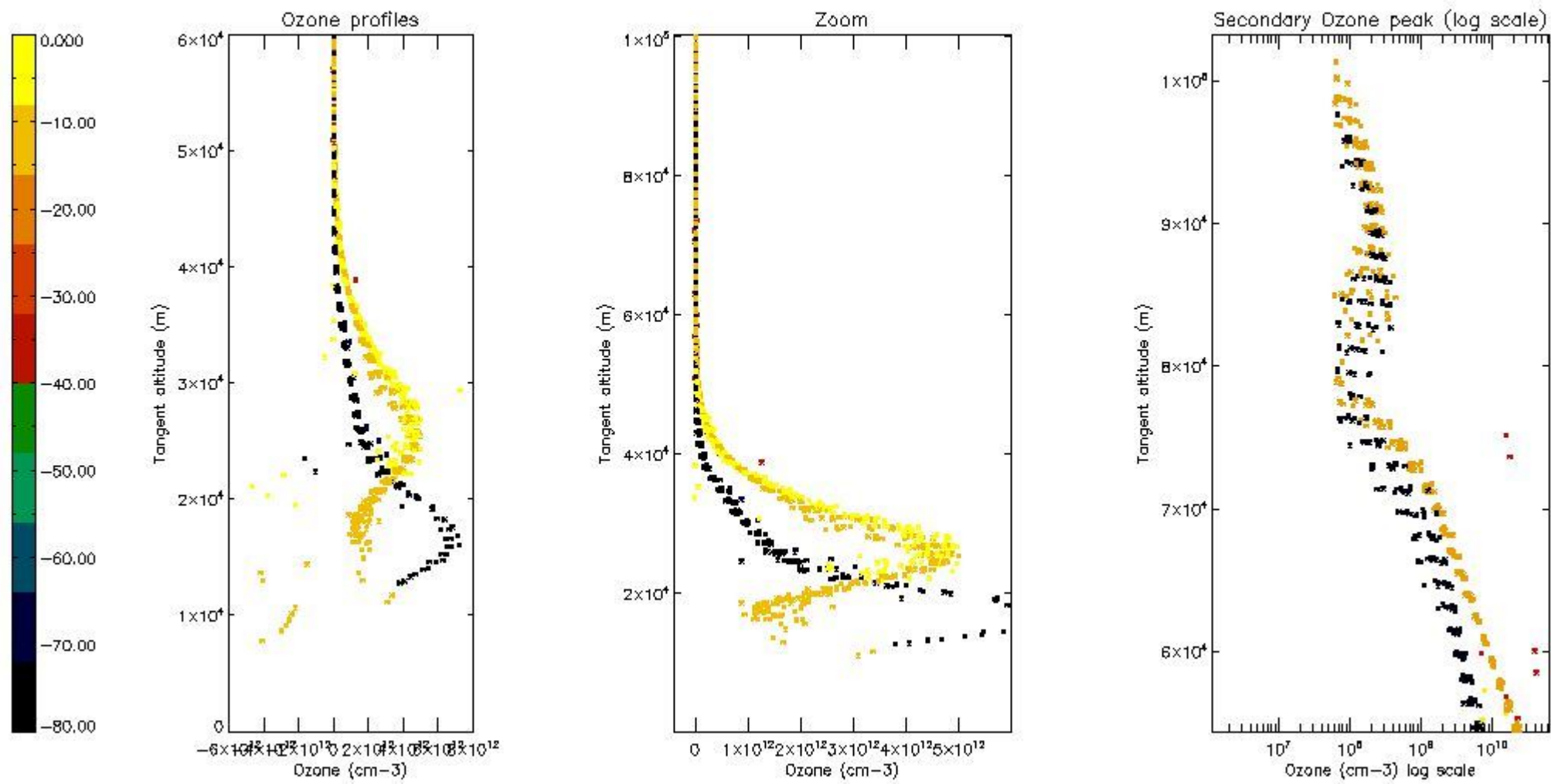
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



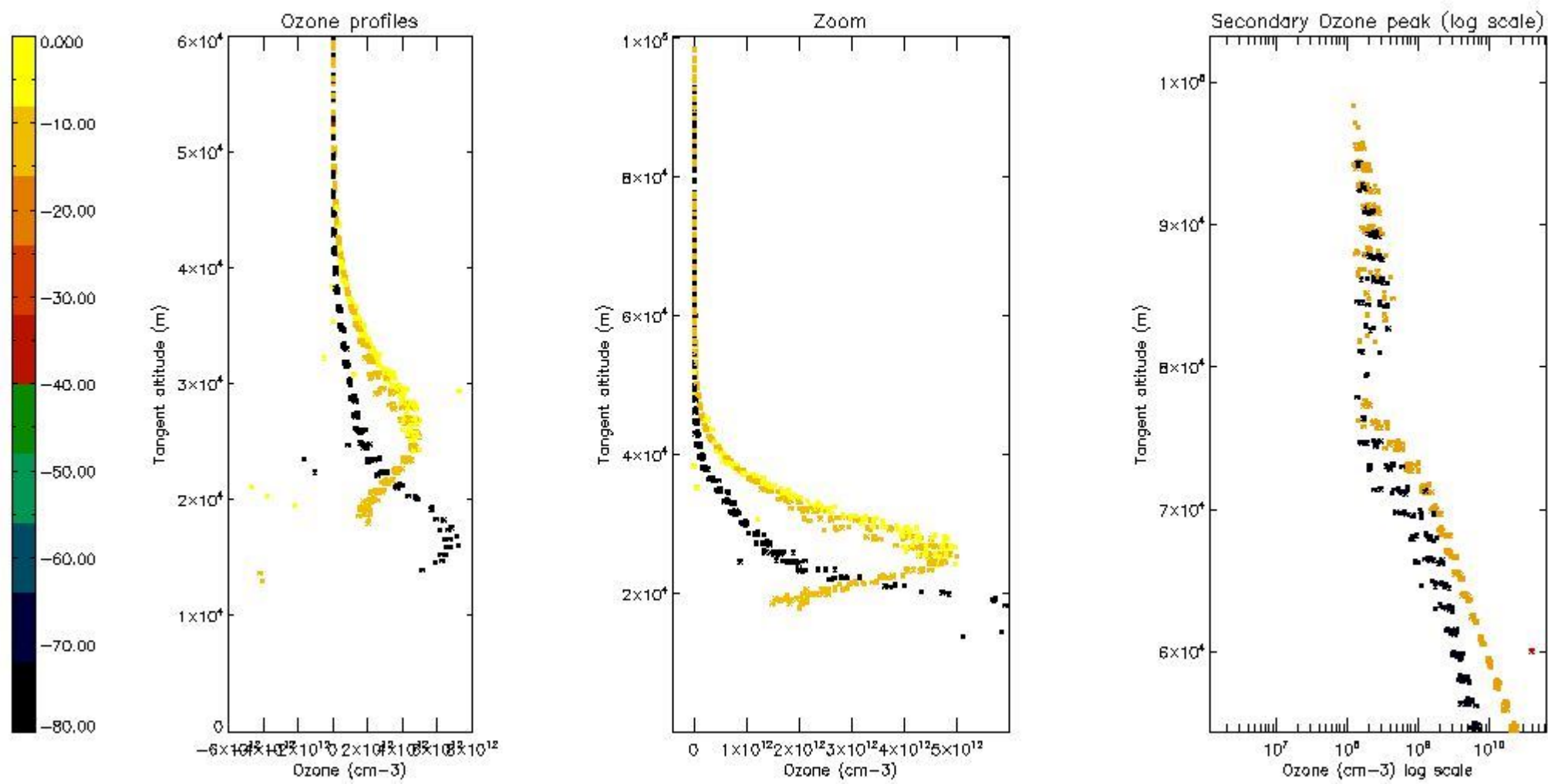
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



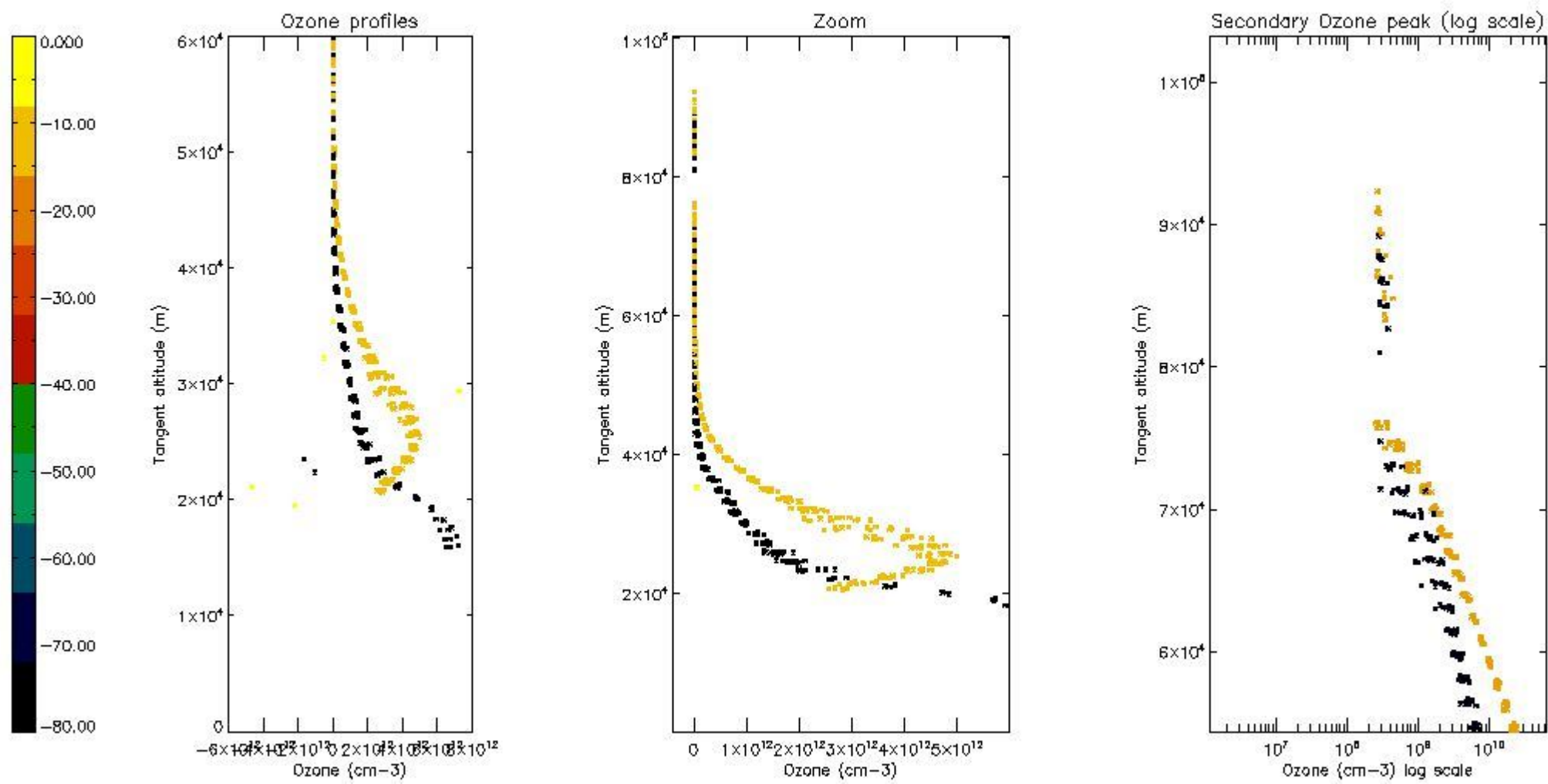
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



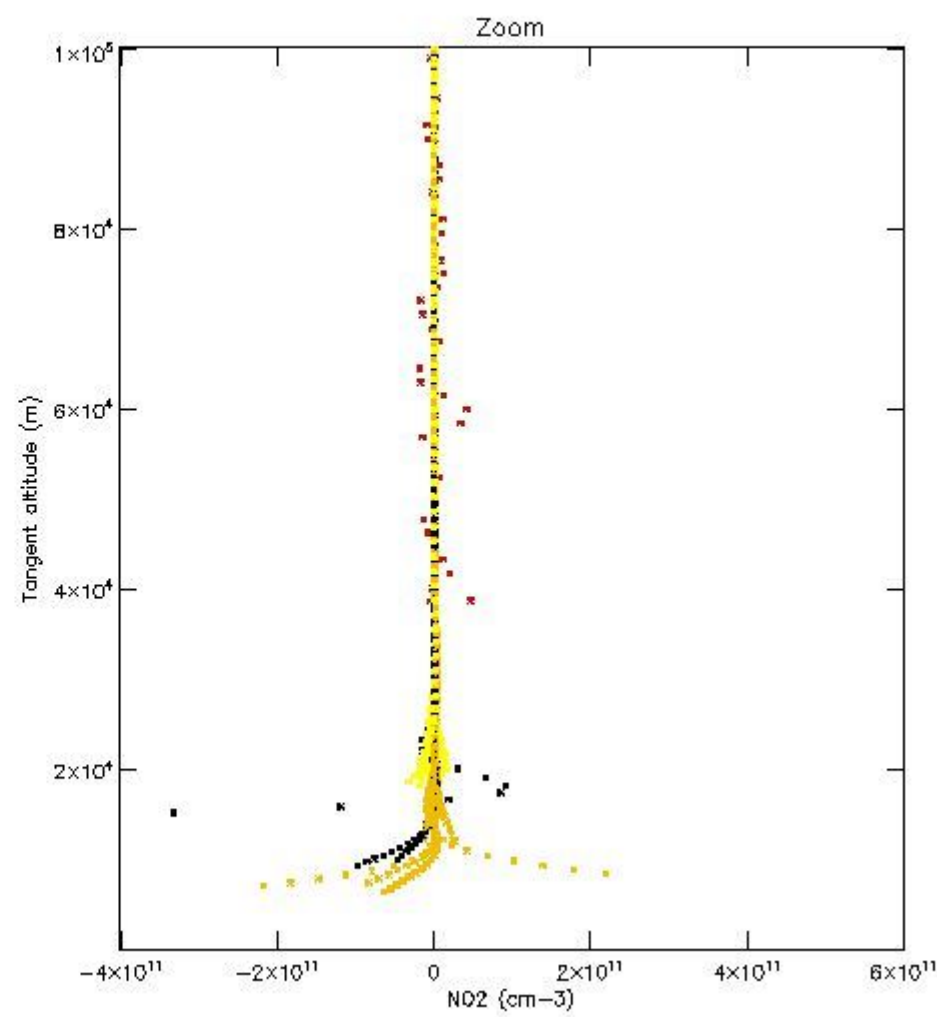
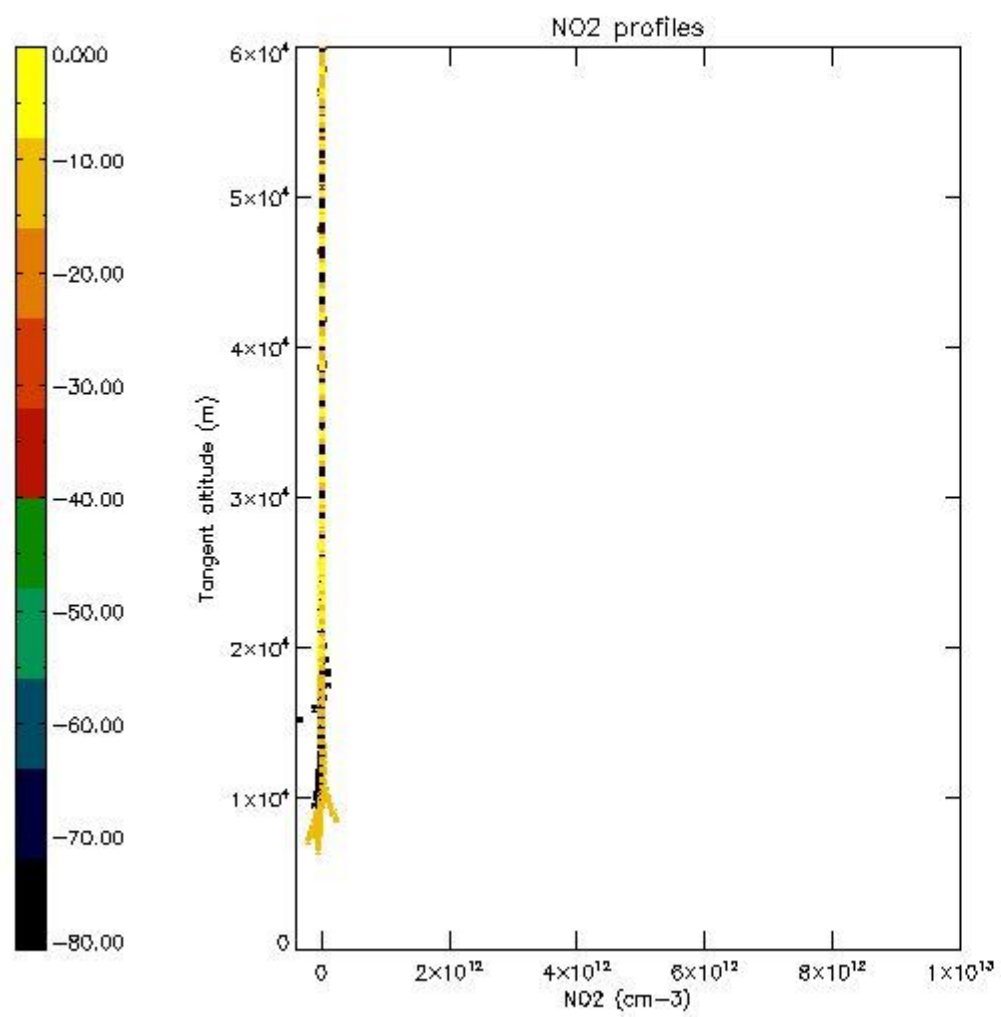
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



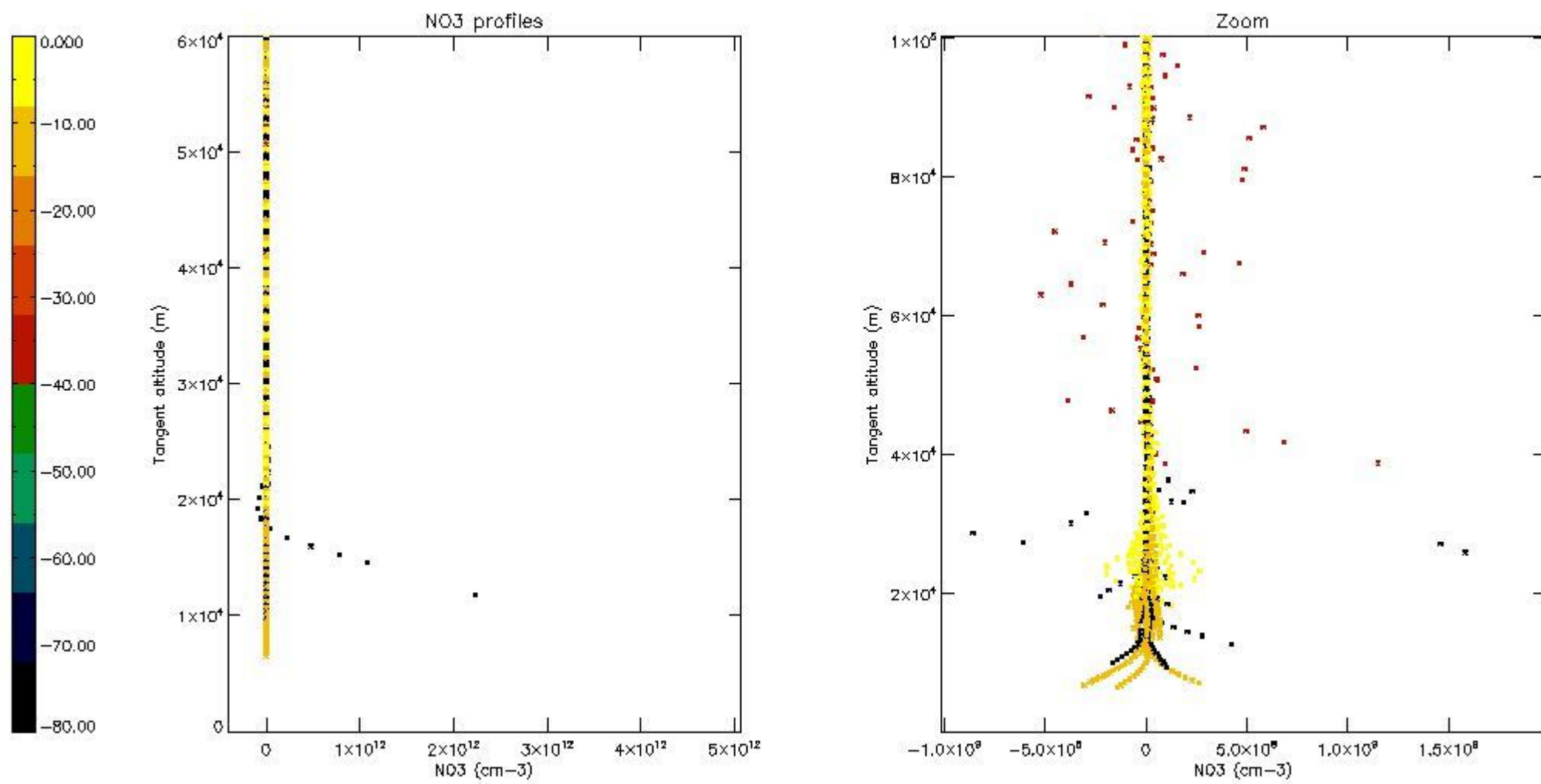
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



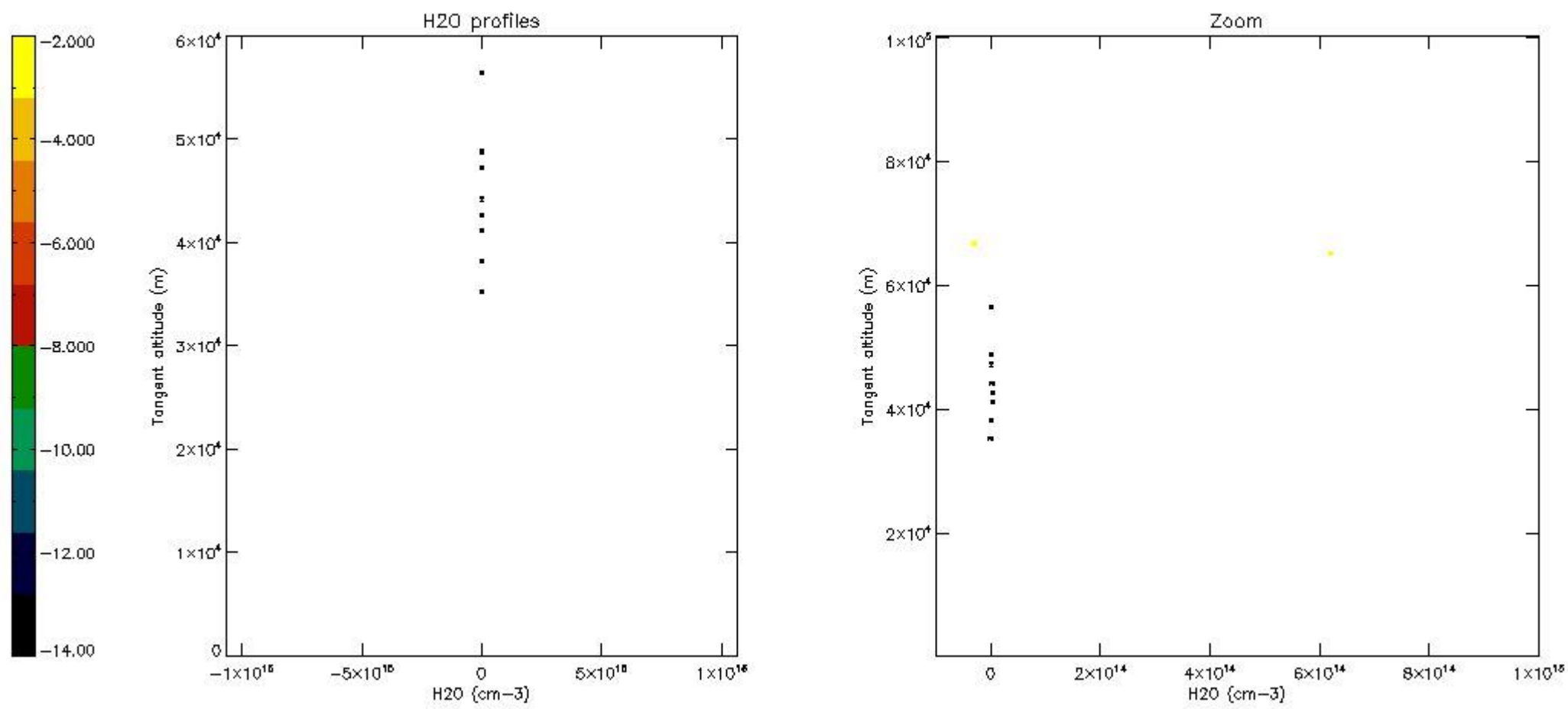
5.7 Plot NO3 profiles for all STD (dark without errors)

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	13-JUL-2008 00:05:20
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	13-JUL-2008 00:05:20
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	13-JUL-2008 00:05:20

GOMOS Level 2 Daily Report

SUMMARY

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

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[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 \(world map\)](#)

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	25APR2013 17:21:38
Data source version	GOMOS/6.01
Start time of products	13-07-2008 (13JUL2008 00:00:00)
Stop time of products	14-07-2008 (14JUL2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	211
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__2PRFIN20080713_000520_000000432070_00174_33294_6754.N1	13-JUL-2008 00:05:20	Dark	43.000	9	Alp Eri	0.45300	24000.	86	33294	No
2	GOM_NL__2PRFIN20080713_000905_000000382070_00174_33294_6755.N1	13-JUL-2008 00:09:05	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	33294	No
3	GOM_NL__2PRFIN20080713_001253_000000412070_00174_33294_6756.N1	13-JUL-2008 00:12:53	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	33294	No
4	GOM_NL__2PRFIN20080713_001651_000000402070_00174_33294_6757.N1	13-JUL-2008 00:16:51	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	33294	No
5	GOM_NL__2PRFIN20080713_001946_000000402070_00174_33294_6758.N1	13-JUL-2008 00:19:46	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	33294	No
6	GOM_NL__2PRFIN20080713_002118_000000392070_00174_33294_6759.N1	13-JUL-2008 00:21:18	Twilight	38.500	147	Alp Ara	2.8770	26000.	77	33294	No
7	GOM_NL__2PRFIN20080713_002310_000000392070_00174_33294_6760.N1	13-JUL-2008 00:23:10	Twilight	38.500	40	The Sco	1.8590	7100.0	77	33294	No
8	GOM_NL__2PRFIN20080713_002450_000000392070_00174_33294_6761.N1	13-JUL-2008 00:24:50	Bright	38.500	25	35Lam Sco	1.6200	28000.	77	33294	No
9	GOM_NL__2PRFIN20080713_003100_000000372070_00174_33294_6762.N1	13-JUL-2008 00:31:00	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33294	No
10	GOM_NL__2PRFIN20080713_003618_000000352070_00174_33294_6763.N1	13-JUL-2008 00:36:18	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	33294	No
11	GOM_NL__2PRFIN20080713_003835_000000362070_00174_33294_6764.N1	13-JUL-2008 00:38:35	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	33294	No
12	GOM_NL__2PRFIN20080713_004152_000000352070_00174_33294_6765.N1	13-JUL-2008 00:41:52	Bright	35.000	127	27Bet Her	2.7810	4700.0	70	33294	No
13	GOM_NL__2PRFIN20080713_004424_000000352070_00174_33294_6766.N1	13-JUL-2008 00:44:24	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	33294	No
14	GOM_NL__2PRFIN20080713_004933_000000382070_00174_33294_6767.N1	13-JUL-2008 00:49:33	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	33294	No
15	GOM_NL__2PRFIN20080713_005237_000000362070_00174_33294_6768.N1	13-JUL-2008 00:52:37	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	33294	No
16	GOM_NL__2PRFIN20080713_005649_000000352070_00174_33294_6769.N1	13-JUL-2008 00:56:49	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	33294	No
17	GOM_NL__2PRFIN20080713_010031_000000332070_00174_33294_6770.N1	13-JUL-2008 01:00:31	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	33294	No
18	GOM_NL__2PRFIN20080713_012137_000000382070_00174_33294_6771.N1	13-JUL-2008 01:21:37	Twilight	37.500	13	87Alp Tau	0.86700	3800.0	75	33294	No
19	GOM_NL__2PRFIN20080713_012758_000000342070_00174_33294_6772.N1	13-JUL-2008 01:27:58	Dark	34.000	7	19Bet Ori	0.10000	14000.	68	33294	No
20	GOM_NL__2PRFIN20080713_013946_000000322070_00174_33294_6773.N1	13-JUL-2008 01:39:46	Dark	32.000	157	The1Eri	2.9060	9300.0	64	33294	No
21	GOM_NL__2PRFIN20080713_014556_000000512070_00175_33295_6778.N1	13-JUL-2008 01:45:56	Dark	51.000	9	Alp Eri	0.45300	24000.	102	33295	No
22	GOM_NL__2PRFIN20080713_014941_000000362070_00175_33295_6779.N1	13-JUL-2008 01:49:41	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	33295	No
23	GOM_NL__2PRFIN20080713_015329_000000422070_00175_33295_6780.N1	13-JUL-2008 01:53:29	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	33295	No
24	GOM_NL__2PRFIN20080713_015727_000000402070_00175_33295_6781.N1	13-JUL-2008 01:57:27	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33295	No
25	GOM_NL__2PRFIN20080713_020346_000000382070_00175_33295_6782.N1	13-JUL-2008 02:03:46	Twilight	38.000	40	The Sco	1.8590	7100.0	76	33295	No
26	GOM_NL__2PRFIN20080713_020526_000000392070_00175_33295_6783.N1	13-JUL-2008 02:05:26	Bright	39.000	25	35Lam Sco	1.6200	28000.	78	33295	No
27	GOM_NL__2PRFIN20080713_021136_000000382070_00175_33295_6784.N1	13-JUL-2008 02:11:36	Bright	37.500	86	35Eta Oph	2.4300	10200.	75	33295	No
28	GOM_NL__2PRFIN20080713_021654_000000352070_00175_33295_6785.N1	13-JUL-2008 02:16:54	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	33295	No
29	GOM_NL__2PRFIN20080713_021911_000000362070_00175_33295_6786.N1	13-JUL-2008 02:19:11	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	33295	No
30	GOM_NL__2PRFIN20080713_022228_000000352070_00175_33295_6787.N1	13-JUL-2008 02:22:28	Bright	35.000	127	27Bet Her	2.7810	4700.0	70	33295	No
31	GOM_NL__2PRFIN20080713_022500_000000362070_00175_33295_6788.N1	13-JUL-2008 02:25:00	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	33295	No
32	GOM_NL__2PRFIN20080713_023009_000000352070_00175_33295_6789.N1	13-JUL-2008 02:30:09	Bright	35.000	69	33Gam Dra	2.2310	3800.0	70	33295	No
33	GOM_NL__2PRFIN20080713_023313_000000362070_00175_33295_6790.N1	13-JUL-2008 02:33:13	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33295	No
34	GOM_NL__2PRFIN20080713_023725_000000372070_00175_33295_6791.N1	13-JUL-2008 02:37:25	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	33295	No
35	GOM_NL__2PRFIN20080713_024107_000000362070_00175_33295_6792.N1	13-JUL-2008 02:41:07	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33295	No
36	GOM_NL__2PRFIN20080713_030213_000000372070_00175_33295_6793.N1	13-JUL-2008 03:02:13	Twilight	37.000	13	87Alp Tau	0.86700	3800.0	74	33295	No
37	GOM_NL__2PRFIN20080713_030834_000000352070_00175_33295_6794.N1	13-JUL-2008 03:08:34	Dark	35.000	7	19Bet Ori	0.10000	14000.	70	33295	No
38	GOM_NL__2PRFIN20080713_031104_000000362070_00175_33295_6795.N1	13-JUL-2008 03:11:04	Dark	36.000	101	11Alp Lep	2.5820	7000.0	72	33295	No
39	GOM_NL__2PRFIN20080713_032022_000000322070_00175_33295_6796.N1	13-JUL-2008 03:20:22	Dark	32.000	157	The1Eri	2.9060	9300.0	64	33295	No
40	GOM_NL__2PRFIN20080713_032633_000000492070_00176_33296_6790.N1	13-JUL-2008 03:26:33	Dark	49.000	9	Alp Eri	0.45300	24000.	98	33296	No
41	GOM_NL__2PRFIN20080713_033018_000000382070_00176_33296_6791.N1	13-JUL-2008 03:30:18	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	33296	No
42	GOM_NL__2PRFIN20080713_033406_000000432070_00176_33296_6792.N1	13-JUL-2008 03:34:06	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	33296	No

43	GOM_NL__2PRFIN20080713_033804_000000412070_00176_33296_6793.N1	13-JUL-2008 03:38:04	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	33296	No
44	GOM_NL__2PRFIN20080713_034230_000000382070_00176_33296_6794.N1	13-JUL-2008 03:42:30	Tw_i_and_stray	38.000	147	Alp Ara	2.8770	26000.	76	33296	No
45	GOM_NL__2PRFIN20080713_034422_000000432070_00176_33296_6795.N1	13-JUL-2008 03:44:22	Tw_i_and_stray	43.000	40	The Sco	1.8590	7100.0	86	33296	No
46	GOM_NL__2PRFIN20080713_034602_000000412070_00176_33296_6796.N1	13-JUL-2008 03:46:02	Bright	41.000	25	35Lam Sco	1.6200	28000.	82	33296	No
47	GOM_NL__2PRFIN20080713_034842_000000422070_00176_33296_6797.N1	13-JUL-2008 03:48:42	Bright	42.000	137	22Lam Sgr	2.8240	4400.0	84	33296	No
48	GOM_NL__2PRFIN20080713_035730_000000352070_00176_33296_6798.N1	13-JUL-2008 03:57:30	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	33296	No
49	GOM_NL__2PRFIN20080713_035947_000000362070_00176_33296_6799.N1	13-JUL-2008 03:59:47	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	33296	No
50	GOM_NL__2PRFIN20080713_040536_000000362070_00176_33296_6800.N1	13-JUL-2008 04:05:36	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	33296	No
51	GOM_NL__2PRFIN20080713_041045_000000362070_00176_33296_6801.N1	13-JUL-2008 04:10:45	Bright	36.000	69	33Gam Dra	2.2310	3800.0	72	33296	No
52	GOM_NL__2PRFIN20080713_041349_000000332070_00176_33296_6802.N1	13-JUL-2008 04:13:49	Bright	33.000	119	14Eta Dra	2.7270	4700.0	66	33296	No
53	GOM_NL__2PRFIN20080713_041802_000000372070_00176_33296_6803.N1	13-JUL-2008 04:18:02	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	33296	No
54	GOM_NL__2PRFIN20080713_042143_000000342070_00176_33296_6804.N1	13-JUL-2008 04:21:43	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	33296	No
55	GOM_NL__2PRFIN20080713_044249_000000462070_00176_33296_6805.N1	13-JUL-2008 04:42:49	Twilight	46.000	13	87Alp Tau	0.86700	3800.0	92	33296	No
56	GOM_NL__2PRFIN20080713_044910_000000352070_00176_33296_6806.N1	13-JUL-2008 04:49:10	Dark	34.500	7	19Bet Ori	0.10000	14000.	69	33296	No
57	GOM_NL__2PRFIN20080713_050710_000000462070_00177_33297_6804.N1	13-JUL-2008 05:07:10	Dark	45.500	9	Alp Eri	0.45300	24000.	91	33297	No
58	GOM_NL__2PRFIN20080713_051054_000000362070_00177_33297_6805.N1	13-JUL-2008 05:10:54	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	33297	No
59	GOM_NL__2PRFIN20080713_051442_000000432070_00177_33297_6806.N1	13-JUL-2008 05:14:42	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	33297	No
60	GOM_NL__2PRFIN20080713_051840_000000422070_00177_33297_6807.N1	13-JUL-2008 05:18:40	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	33297	No
61	GOM_NL__2PRFIN20080713_052306_000000372070_00177_33297_6808.N1	13-JUL-2008 05:23:06	Tw_i_and_stray	36.500	147	Alp Ara	2.8770	26000.	73	33297	No
62	GOM_NL__2PRFIN20080713_052458_000000482070_00177_33297_6809.N1	13-JUL-2008 05:24:58	Tw_i_and_stray	47.500	40	The Sco	1.8590	7100.0	95	33297	No
63	GOM_NL__2PRFIN20080713_052638_000000372070_00177_33297_6810.N1	13-JUL-2008 05:26:38	Bright	36.500	25	35Lam Sco	1.6200	28000.	73	33297	No
64	GOM_NL__2PRFIN20080713_052918_000000392070_00177_33297_6811.N1	13-JUL-2008 05:29:18	Bright	38.500	137	22Lam Sgr	2.8240	4400.0	77	33297	No
65	GOM_NL__2PRFIN20080713_053806_000000352070_00177_33297_6812.N1	13-JUL-2008 05:38:06	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	33297	No
66	GOM_NL__2PRFIN20080713_054023_000000352070_00177_33297_6813.N1	13-JUL-2008 05:40:23	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	33297	No
67	GOM_NL__2PRFIN20080713_054612_000000372070_00177_33297_6814.N1	13-JUL-2008 05:46:12	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	33297	No
68	GOM_NL__2PRFIN20080713_055121_000000372070_00177_33297_6815.N1	13-JUL-2008 05:51:21	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	33297	No
69	GOM_NL__2PRFIN20080713_055426_000000362070_00177_33297_6816.N1	13-JUL-2008 05:54:26	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33297	No
70	GOM_NL__2PRFIN20080713_055838_000000382070_00177_33297_6817.N1	13-JUL-2008 05:58:38	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	33297	No
71	GOM_NL__2PRFIN20080713_060219_000000352070_00177_33297_6818.N1	13-JUL-2008 06:02:19	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	33297	No
72	GOM_NL__2PRFIN20080713_062326_000000462070_00177_33297_6819.N1	13-JUL-2008 06:23:26	Twilight	45.500	13	87Alp Tau	0.86700	3800.0	91	33297	No
73	GOM_NL__2PRFIN20080713_062947_000000342070_00177_33297_6820.N1	13-JUL-2008 06:29:47	Dark	33.500	7	19Bet Ori	0.10000	14000.	67	33297	No
74	GOM_NL__2PRFIN20080713_064746_000000512070_00178_33298_6818.N1	13-JUL-2008 06:47:46	Dark	50.500	9	Alp Eri	0.45300	24000.	101	33298	No
75	GOM_NL__2PRFIN20080713_065130_000000382070_00178_33298_6819.N1	13-JUL-2008 06:51:30	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	33298	No
76	GOM_NL__2PRFIN20080713_065519_000000422070_00178_33298_6820.N1	13-JUL-2008 06:55:19	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	33298	No
77	GOM_NL__2PRFIN20080713_065916_000000402070_00178_33298_6821.N1	13-JUL-2008 06:59:16	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	33298	No
78	GOM_NL__2PRFIN20080713_070342_000000362070_00178_33298_6822.N1	13-JUL-2008 07:03:42	Tw_i_and_stray	36.000	147	Alp Ara	2.8770	26000.	72	33298	No
79	GOM_NL__2PRFIN20080713_070534_000000412070_00178_33298_6823.N1	13-JUL-2008 07:05:34	Tw_i_and_stray	41.000	40	The Sco	1.8590	7100.0	82	33298	No
80	GOM_NL__2PRFIN20080713_070714_000000412070_00178_33298_6824.N1	13-JUL-2008 07:07:14	Bright	40.500	25	35Lam Sco	1.6200	28000.	81	33298	No
81	GOM_NL__2PRFIN20080713_070954_000000382070_00178_33298_6825.N1	13-JUL-2008 07:09:54	Bright	38.000	137	22Lam Sgr	2.8240	4400.0	76	33298	No
82	GOM_NL__2PRFIN20080713_071842_000000362070_00178_33298_6826.N1	13-JUL-2008 07:18:42	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	33298	No
83	GOM_NL__2PRFIN20080713_072100_000000382070_00178_33298_6827.N1	13-JUL-2008 07:21:00	Bright	38.000	59	55Alp Oph	2.0800	8900.0	76	33298	No
84	GOM_NL__2PRFIN20080713_072417_000000372070_00178_33298_6828.N1	13-JUL-2008 07:24:17	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	33298	No
85	GOM_NL__2PRFIN20080713_072649_000000362070_00178_33298_6829.N1	13-JUL-2008 07:26:49	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	33298	No
86	GOM_NL__2PRFIN20080713_073156_000000382070_00178_33298_6830.N1	13-JUL-2008 07:31:56	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	33298	No
87	GOM_NL__2PRFIN20080713_073502_000000362070_00178_33298_6831.N1	13-JUL-2008 07:35:02	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	33298	No
88	GOM_NL__2PRFIN20080713_073914_000000352070_00178_33298_6832.N1	13-JUL-2008 07:39:14	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	33298	No
89	GOM_NL__2PRFIN20080713_074255_000000342070_00178_33298_6833.N1	13-JUL-2008 07:42:55	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	33298	No
90	GOM_NL__2PRFIN20080713_080402_000000412070_00178_33298_6834.N1	13-JUL-2008 08:04:02	Twilight	41.000	13	87Alp Tau	0.86700	3800.0	82	33298	No
91	GOM_NL__2PRFIN20080713_081023_000000352070_00178_33298_6835.N1	13-JUL-2008 08:10:23	Dark	34.500	7	19Bet Ori	0.10000	14000.	69	33298	No
92	GOM_NL__2PRFIN20080713_083206_000000362070_00179_33299_6825.N1	13-JUL-2008 08:32:06	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	33299	No
93	GOM_NL__2PRFIN20080713_083555_000000442070_00179_33299_6826.N1	13-JUL-2008 08:35:55	Straylight	44.000	148	Alp Tuc	2.8780	4100.0	88	33299	No
94	GOM_NL__2PRFIN20080713_083953_000000402070_00179_33299_6827.N1	13-JUL-2008 08:39:53	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	33299	No
95	GOM_NL__2PRFIN20080713_084418_000000372070_00179_33299_6828.N1	13-JUL-2008 08:44:18	Tw_i_and_stray	37.000	147	Alp Ara	2.8770	26000.	74	33299	No
96	GOM_NL__2PRFIN20080713_084610_000000442070_00179_33299_6829.N1	13-JUL-2008 08:46:10	Tw_i_and_stray	43.500	40	The Sco	1.8590	7100.0	87	33299	No
97	GOM_NL__2PRFIN20080713_084750_000000402070_00179_33299_6830.N1	13-JUL-2008 08:47:50	Bright	40.000	25	35Lam Sco	1.6200	28000.	80	33299	No
98	GOM_NL__2PRFIN20080713_085030_000000372070_00179_33299_6831.N1	13-JUL-2008 08:50:30	Bright	36.500	137	22Lam Sgr	2.8240	4400.0	73	33299	No
99	GOM_NL__2PRFIN20080713_085918_000000352070_00179_33299_6832.N1	13-JUL-2008 08:59:18	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	33299	No
100	GOM_NL__2PRFIN20080713_090136_000000362070_00179_33299_6833.N1	13-JUL-2008 09:01:36	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	33299	No
101	GOM_NL__2PRFIN20080713_090453_000000372070_00179_33299_6834.N1	13-JUL-2008 09:04:53	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	33299	No

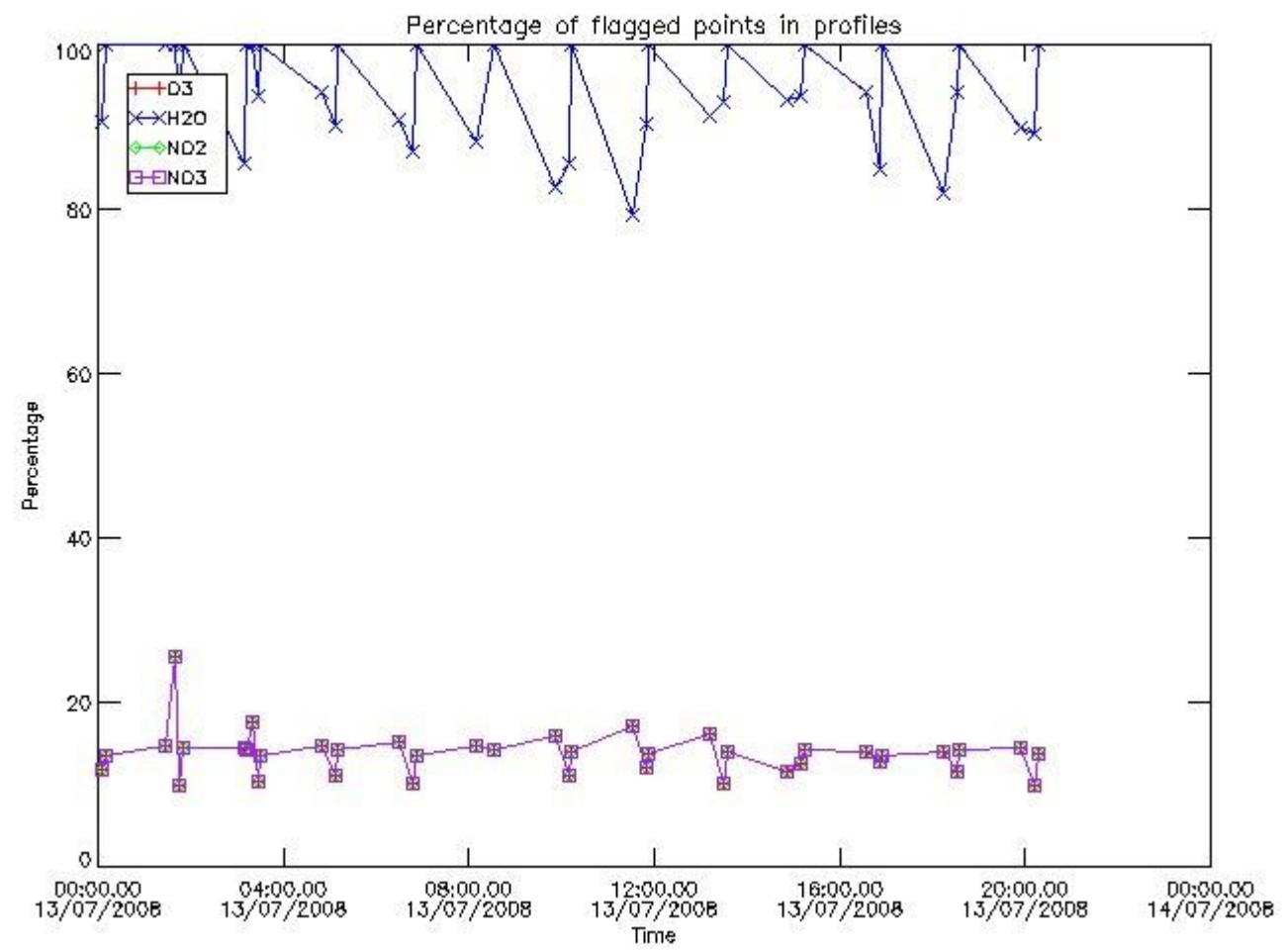
102	GOM_NL__2PRFIN20080713_090725_000000342070_00179_33299_6835.N1	13-JUL-2008 09:07:25	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	33299	No
103	GOM_NL__2PRFIN20080713_091232_000000382070_00179_33299_6836.N1	13-JUL-2008 09:12:32	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	33299	No
104	GOM_NL__2PRFIN20080713_091538_000000352070_00179_33299_6837.N1	13-JUL-2008 09:15:38	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	33299	No
105	GOM_NL__2PRFIN20080713_091950_000000522070_00179_33299_6838.N1	13-JUL-2008 09:19:50	Bright	52.000	60	7Bet UMi	2.0810	3950.0	104	33299	No
106	GOM_NL__2PRFIN20080713_092331_000000362070_00179_33299_6839.N1	13-JUL-2008 09:23:31	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33299	No
107	GOM_NL__2PRFIN20080713_094438_000000442070_00179_33299_6840.N1	13-JUL-2008 09:44:38	Twilight	44.000	13	87Alp Tau	0.86700	3800.0	88	33299	No
108	GOM_NL__2PRFIN20080713_095059_000000352070_00179_33299_6841.N1	13-JUL-2008 09:50:59	Dark	35.000	7	19Bet Ori	0.10000	14000.	70	33299	No
109	GOM_NL__2PRFIN20080713_100859_000000462070_00180_33300_6844.N1	13-JUL-2008 10:08:59	Dark	45.500	9	Alp Eri	0.45300	24000.	91	33300	No
110	GOM_NL__2PRFIN20080713_101243_000000372070_00180_33300_6845.N1	13-JUL-2008 10:12:43	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33300	No
111	GOM_NL__2PRFIN20080713_101632_000000442070_00180_33300_6846.N1	13-JUL-2008 10:16:32	Straylight	43.500	148	Alp Tuc	2.8780	4100.0	87	33300	No
112	GOM_NL__2PRFIN20080713_102029_000000412070_00180_33300_6847.N1	13-JUL-2008 10:20:29	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	33300	No
113	GOM_NL__2PRFIN20080713_102454_000000382070_00180_33300_6848.N1	13-JUL-2008 10:24:54	Tw_and_stray	38.000	147	Alp Ara	2.8770	26000.	76	33300	No
114	GOM_NL__2PRFIN20080713_102826_000000402070_00180_33300_6849.N1	13-JUL-2008 10:28:26	Bright	39.500	25	35Lam Sco	1.6200	28000.	79	33300	No
115	GOM_NL__2PRFIN20080713_103106_000000402070_00180_33300_6850.N1	13-JUL-2008 10:31:06	Bright	39.500	137	22Lam Sgr	2.8240	4400.0	79	33300	No
116	GOM_NL__2PRFIN20080713_103954_000000362070_00180_33300_6851.N1	13-JUL-2008 10:39:54	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	33300	No
117	GOM_NL__2PRFIN20080713_104212_000000362070_00180_33300_6852.N1	13-JUL-2008 10:42:12	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	33300	No
118	GOM_NL__2PRFIN20080713_104801_000000382070_00180_33300_6853.N1	13-JUL-2008 10:48:01	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	33300	No
119	GOM_NL__2PRFIN20080713_105308_000000382070_00180_33300_6854.N1	13-JUL-2008 10:53:08	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	33300	No
120	GOM_NL__2PRFIN20080713_105614_000000362070_00180_33300_6855.N1	13-JUL-2008 10:56:14	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33300	No
121	GOM_NL__2PRFIN20080713_110026_000000342070_00180_33300_6856.N1	13-JUL-2008 11:00:26	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	33300	No
122	GOM_NL__2PRFIN20080713_110407_000000362070_00180_33300_6857.N1	13-JUL-2008 11:04:07	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33300	No
123	GOM_NL__2PRFIN20080713_112514_000000422070_00180_33300_6858.N1	13-JUL-2008 11:25:14	Twilight	42.000	13	87Alp Tau	0.86700	3800.0	84	33300	No
124	GOM_NL__2PRFIN20080713_113135_000000422070_00180_33300_6859.N1	13-JUL-2008 11:31:35	Dark	41.500	7	19Bet Ori	0.10000	14000.	83	33300	No
125	GOM_NL__2PRFIN20080713_114936_000000422070_00181_33301_6858.N1	13-JUL-2008 11:49:36	Dark	42.000	9	Alp Eri	0.45300	24000.	84	33301	No
126	GOM_NL__2PRFIN20080713_115319_000000372070_00181_33301_6859.N1	13-JUL-2008 11:53:19	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33301	No
127	GOM_NL__2PRFIN20080713_115708_000000422070_00181_33301_6860.N1	13-JUL-2008 11:57:08	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	33301	No
128	GOM_NL__2PRFIN20080713_120105_000000402070_00181_33301_6861.N1	13-JUL-2008 12:01:05	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33301	No
129	GOM_NL__2PRFIN20080713_120530_000000382070_00181_33301_6862.N1	13-JUL-2008 12:05:30	Tw_and_stray	38.000	147	Alp Ara	2.8770	26000.	76	33301	No
130	GOM_NL__2PRFIN20080713_120722_000000392070_00181_33301_6863.N1	13-JUL-2008 12:07:22	Tw_and_stray	39.000	40	The Sco	1.8590	7100.0	78	33301	No
131	GOM_NL__2PRFIN20080713_120902_000000402070_00181_33301_6864.N1	13-JUL-2008 12:09:02	Bright	40.000	25	35Lam Sco	1.6200	28000.	80	33301	No
132	GOM_NL__2PRFIN20080713_121142_000000372070_00181_33301_6865.N1	13-JUL-2008 12:11:42	Bright	36.500	137	22Lam Sgr	2.8240	4400.0	73	33301	No
133	GOM_NL__2PRFIN20080713_122030_000000362070_00181_33301_6866.N1	13-JUL-2008 12:20:30	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	33301	No
134	GOM_NL__2PRFIN20080713_122247_000000362070_00181_33301_6867.N1	13-JUL-2008 12:22:47	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	33301	No
135	GOM_NL__2PRFIN20080713_122837_000000362070_00181_33301_6868.N1	13-JUL-2008 12:28:37	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	33301	No
136	GOM_NL__2PRFIN20080713_123344_000000382070_00181_33301_6869.N1	13-JUL-2008 12:33:44	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	33301	No
137	GOM_NL__2PRFIN20080713_123650_000000352070_00181_33301_6870.N1	13-JUL-2008 12:36:50	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	33301	No
138	GOM_NL__2PRFIN20080713_124102_000000332070_00181_33301_6871.N1	13-JUL-2008 12:41:02	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	33301	No
139	GOM_NL__2PRFIN20080713_124443_000000372070_00181_33301_6872.N1	13-JUL-2008 12:44:43	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33301	No
140	GOM_NL__2PRFIN20080713_130550_000000482070_00181_33301_6873.N1	13-JUL-2008 13:05:50	Twilight	47.500	13	87Alp Tau	0.86700	3800.0	95	33301	No
141	GOM_NL__2PRFIN20080713_131211_000000412070_00181_33301_6874.N1	13-JUL-2008 13:12:11	Dark	41.000	7	19Bet Ori	0.10000	14000.	82	33301	No
142	GOM_NL__2PRFIN20080713_133012_000000502070_00182_33302_6875.N1	13-JUL-2008 13:30:12	Dark	50.000	9	Alp Eri	0.45300	24000.	100	33302	No
143	GOM_NL__2PRFIN20080713_133355_000000372070_00182_33302_6876.N1	13-JUL-2008 13:33:55	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33302	No
144	GOM_NL__2PRFIN20080713_133745_000000422070_00182_33302_6877.N1	13-JUL-2008 13:37:45	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	33302	No
145	GOM_NL__2PRFIN20080713_134142_000000402070_00182_33302_6878.N1	13-JUL-2008 13:41:42	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33302	No
146	GOM_NL__2PRFIN20080713_134606_000000382070_00182_33302_6879.N1	13-JUL-2008 13:46:06	Tw_and_stray	38.000	147	Alp Ara	2.8770	26000.	76	33302	No
147	GOM_NL__2PRFIN20080713_134939_000000412070_00182_33302_6880.N1	13-JUL-2008 13:49:39	Bright	40.500	25	35Lam Sco	1.6200	28000.	81	33302	No
148	GOM_NL__2PRFIN20080713_135219_000000382070_00182_33302_6881.N1	13-JUL-2008 13:52:19	Bright	37.500	137	22Lam Sgr	2.8240	4400.0	75	33302	No
149	GOM_NL__2PRFIN20080713_140106_000000352070_00182_33302_6882.N1	13-JUL-2008 14:01:06	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	33302	No
150	GOM_NL__2PRFIN20080713_140324_000000342070_00182_33302_6883.N1	13-JUL-2008 14:03:24	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	33302	No
151	GOM_NL__2PRFIN20080713_140642_000000492070_00182_33302_6884.N1	13-JUL-2008 14:06:42	Bright	49.000	127	27Bet Her	2.7810	4700.0	98	33302	No
152	GOM_NL__2PRFIN20080713_140913_000000422070_00182_33302_6885.N1	13-JUL-2008 14:09:13	Bright	42.000	133	40Zet Her	2.8070	6000.0	84	33302	No
153	GOM_NL__2PRFIN20080713_141420_000000382070_00182_33302_6886.N1	13-JUL-2008 14:14:20	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	33302	No
154	GOM_NL__2PRFIN20080713_141726_000000362070_00182_33302_6887.N1	13-JUL-2008 14:17:26	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33302	No
155	GOM_NL__2PRFIN20080713_142138_000000342070_00182_33302_6888.N1	13-JUL-2008 14:21:38	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	33302	No
156	GOM_NL__2PRFIN20080713_142519_000000372070_00182_33302_6889.N1	13-JUL-2008 14:25:19	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33302	No
157	GOM_NL__2PRFIN20080713_144626_000000472070_00182_33302_6890.N1	13-JUL-2008 14:46:26	Twilight	47.000	13	87Alp Tau	0.86700	3800.0	94	33302	No
158	GOM_NL__2PRFIN20080713_145247_000000452070_00182_33302_6891.N1	13-JUL-2008 14:52:47	Dark	44.500	7	19Bet Ori	0.10000	14000.	89	33302	No
159	GOM_NL__2PRFIN20080713_151049_000000412070_00183_33303_6889.N1	13-JUL-2008 15:10:49	Dark	41.000	9	Alp Eri	0.45300	24000.	82	33303	No
160	GOM_NL__2PRFIN20080713_151431_000000362070_00183_33303_6890.N1	13-JUL-2008 15:14:31	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	33303	No

161	GOM_NL__2PRFIN20080713_151821_000000422070_00183_33303_6891.N1	13-JUL-2008 15:18:21	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	33303	No
162	GOM_NL__2PRFIN20080713_152218_000000392070_00183_33303_6892.N1	13-JUL-2008 15:22:18	Straylight	38.500	45	Alp Pav	1.9400	26000.	77	33303	No
163	GOM_NL__2PRFIN20080713_152642_000000382070_00183_33303_6893.N1	13-JUL-2008 15:26:42	Twilight	38.000	147	Alp Ara	2.8770	26000.	76	33303	No
164	GOM_NL__2PRFIN20080713_153015_000000402070_00183_33303_6894.N1	13-JUL-2008 15:30:15	Bright	40.000	25	35Lam Sco	1.6200	28000.	80	33303	No
165	GOM_NL__2PRFIN20080713_153255_000000392070_00183_33303_6895.N1	13-JUL-2008 15:32:55	Bright	38.500	137	22Lam Sgr	2.8240	4400.0	77	33303	No
166	GOM_NL__2PRFIN20080713_154142_000000352070_00183_33303_6896.N1	13-JUL-2008 15:41:42	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	33303	No
167	GOM_NL__2PRFIN20080713_154400_000000352070_00183_33303_6897.N1	13-JUL-2008 15:44:00	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	33303	No
168	GOM_NL__2PRFIN20080713_154950_000000342070_00183_33303_6898.N1	13-JUL-2008 15:49:50	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	33303	No
169	GOM_NL__2PRFIN20080713_155456_000000372070_00183_33303_6899.N1	13-JUL-2008 15:54:56	Bright	36.500	69	33Gam Dra	2.2310	3800.0	73	33303	No
170	GOM_NL__2PRFIN20080713_155802_000000342070_00183_33303_6900.N1	13-JUL-2008 15:58:02	Bright	33.500	119	14Eta Dra	2.7270	4700.0	67	33303	No
171	GOM_NL__2PRFIN20080713_160215_000000332070_00183_33303_6901.N1	13-JUL-2008 16:02:15	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	33303	No
172	GOM_NL__2PRFIN20080713_160555_000000352070_00183_33303_6902.N1	13-JUL-2008 16:05:55	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	33303	No
173	GOM_NL__2PRFIN20080713_162703_000000532070_00183_33303_6903.N1	13-JUL-2008 16:27:03	Twilight	53.000	13	87Alp Tau	0.86700	3800.0	106	33303	No
174	GOM_NL__2PRFIN20080713_163323_000000442070_00183_33303_6904.N1	13-JUL-2008 16:33:23	Dark	43.500	7	19Bet Ori	0.10000	14000.	87	33303	No
175	GOM_NL__2PRFIN20080713_165125_000000442070_00184_33304_6899.N1	13-JUL-2008 16:51:25	Dark	43.500	9	Alp Eri	0.45300	24000.	87	33304	No
176	GOM_NL__2PRFIN20080713_165507_000000382070_00184_33304_6900.N1	13-JUL-2008 16:55:07	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	33304	No
177	GOM_NL__2PRFIN20080713_165858_000000412070_00184_33304_6901.N1	13-JUL-2008 16:58:58	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	33304	No
178	GOM_NL__2PRFIN20080713_170254_000000402070_00184_33304_6902.N1	13-JUL-2008 17:02:54	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33304	No
179	GOM_NL__2PRFIN20080713_170719_000000382070_00184_33304_6903.N1	13-JUL-2008 17:07:19	Twilight	37.500	147	Alp Ara	2.8770	26000.	75	33304	No
180	GOM_NL__2PRFIN20080713_171051_000000442070_00184_33304_6904.N1	13-JUL-2008 17:10:51	Bright	44.000	25	35Lam Sco	1.6200	28000.	88	33304	No
181	GOM_NL__2PRFIN20080713_171331_000000392070_00184_33304_6905.N1	13-JUL-2008 17:13:31	Bright	38.500	137	22Lam Sgr	2.8240	4400.0	77	33304	No
182	GOM_NL__2PRFIN20080713_172218_000000362070_00184_33304_6906.N1	13-JUL-2008 17:22:18	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	33304	No
183	GOM_NL__2PRFIN20080713_172436_000000372070_00184_33304_6907.N1	13-JUL-2008 17:24:36	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	33304	No
184	GOM_NL__2PRFIN20080713_173026_000000382070_00184_33304_6908.N1	13-JUL-2008 17:30:26	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	33304	No
185	GOM_NL__2PRFIN20080713_173531_000000372070_00184_33304_6909.N1	13-JUL-2008 17:35:31	Bright	36.500	69	33Gam Dra	2.2310	3800.0	73	33304	No
186	GOM_NL__2PRFIN20080713_173838_000000352070_00184_33304_6910.N1	13-JUL-2008 17:38:38	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	33304	No
187	GOM_NL__2PRFIN20080713_174251_000000372070_00184_33304_6911.N1	13-JUL-2008 17:42:51	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	33304	No
188	GOM_NL__2PRFIN20080713_174631_000000362070_00184_33304_6912.N1	13-JUL-2008 17:46:31	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33304	No
189	GOM_NL__2PRFIN20080713_180739_000000522070_00184_33304_6913.N1	13-JUL-2008 18:07:39	Twilight	51.500	13	87Alp Tau	0.86700	3800.0	103	33304	No
190	GOM_NL__2PRFIN20080713_181359_000000372070_00184_33304_6914.N1	13-JUL-2008 18:13:59	Dark	36.500	7	19Bet Ori	0.10000	14000.	73	33304	No
191	GOM_NL__2PRFIN20080713_183202_000000452070_00185_33305_6922.N1	13-JUL-2008 18:32:02	Dark	44.500	9	Alp Eri	0.45300	24000.	89	33305	No
192	GOM_NL__2PRFIN20080713_183543_000000362070_00185_33305_6923.N1	13-JUL-2008 18:35:43	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	33305	No
193	GOM_NL__2PRFIN20080713_183934_000000462070_00185_33305_6924.N1	13-JUL-2008 18:39:34	Straylight	46.000	148	Alp Tuc	2.8780	4100.0	92	33305	No
194	GOM_NL__2PRFIN20080713_184331_000000402070_00185_33305_6925.N1	13-JUL-2008 18:43:31	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33305	No
195	GOM_NL__2PRFIN20080713_184755_000000372070_00185_33305_6926.N1	13-JUL-2008 18:47:55	Twilight	37.000	147	Alp Ara	2.8770	26000.	74	33305	No
196	GOM_NL__2PRFIN20080713_185127_000000382070_00185_33305_6927.N1	13-JUL-2008 18:51:27	Bright	38.000	25	35Lam Sco	1.6200	28000.	76	33305	No
197	GOM_NL__2PRFIN20080713_185407_000000392070_00185_33305_6928.N1	13-JUL-2008 18:54:07	Bright	38.500	137	22Lam Sgr	2.8240	4400.0	77	33305	No
198	GOM_NL__2PRFIN20080713_190255_000000362070_00185_33305_6929.N1	13-JUL-2008 19:02:55	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	33305	No
199	GOM_NL__2PRFIN20080713_190512_000000362070_00185_33305_6930.N1	13-JUL-2008 19:05:12	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	33305	No
200	GOM_NL__2PRFIN20080713_190831_000000362070_00185_33305_6931.N1	13-JUL-2008 19:08:31	Bright	35.500	127	27Bet Her	2.7810	4700.0	71	33305	No
201	GOM_NL__2PRFIN20080713_191102_000000362070_00185_33305_6932.N1	13-JUL-2008 19:11:02	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	33305	No
202	GOM_NL__2PRFIN20080713_191607_000000372070_00185_33305_6933.N1	13-JUL-2008 19:16:07	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	33305	No
203	GOM_NL__2PRFIN20080713_191914_000000372070_00185_33305_6934.N1	13-JUL-2008 19:19:14	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	33305	No
204	GOM_NL__2PRFIN20080713_192327_000000382070_00185_33305_6935.N1	13-JUL-2008 19:23:27	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	33305	No
205	GOM_NL__2PRFIN20080713_192707_000000372070_00185_33305_6936.N1	13-JUL-2008 19:27:07	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33305	No
206	GOM_NL__2PRFIN20080713_194815_000000542070_00185_33305_6937.N1	13-JUL-2008 19:48:15	Twilight	54.000	13	87Alp Tau	0.86700	3800.0	108	33305	No
207	GOM_NL__2PRFIN20080713_195436_000000352070_00185_33305_6938.N1	13-JUL-2008 19:54:36	Dark	35.000	7	19Bet Ori	0.10000	14000.	70	33305	No
208	GOM_NL__2PRFIN20080713_201238_000000522070_00186_33306_6936.N1	13-JUL-2008 20:12:38	Dark	51.500	9	Alp Eri	0.45300	24000.	103	33306	No
209	GOM_NL__2PRFIN20080713_201620_000000372070_00186_33306_6937.N1	13-JUL-2008 20:16:20	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33306	No
210	GOM_NL__2PRFIN20080713_202011_000000422070_00186_33306_6938.N1	13-JUL-2008 20:20:11	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	33306	No
211	GOM_NL__2PRFIN20080713_202407_000000472070_00186_33306_6939.N1	13-JUL-2008 20:24:07	Straylight	46.500	45	Alp Pav	1.9400	26000.	93	33306	No

3. Quality information per product

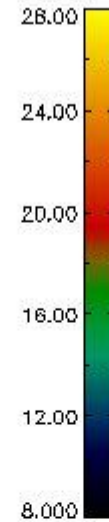
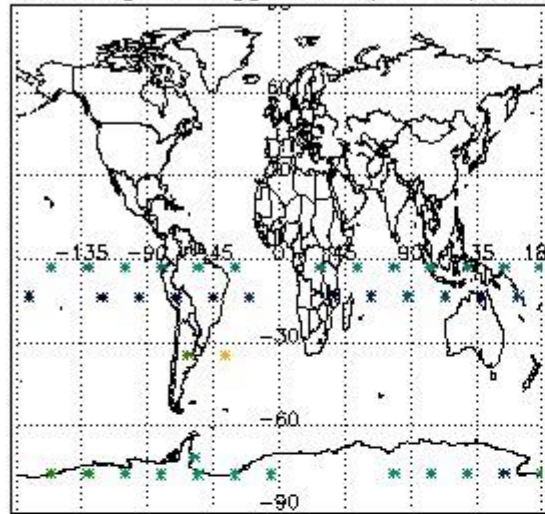
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

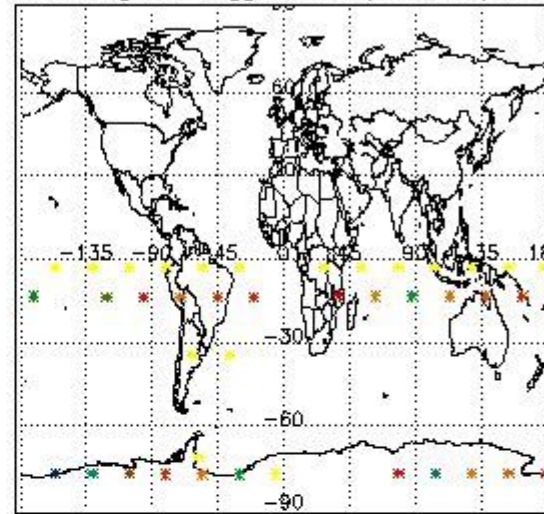


3.2 Plot quality information per product (world map)

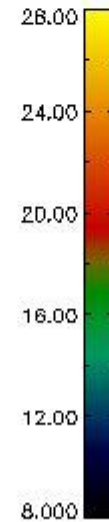
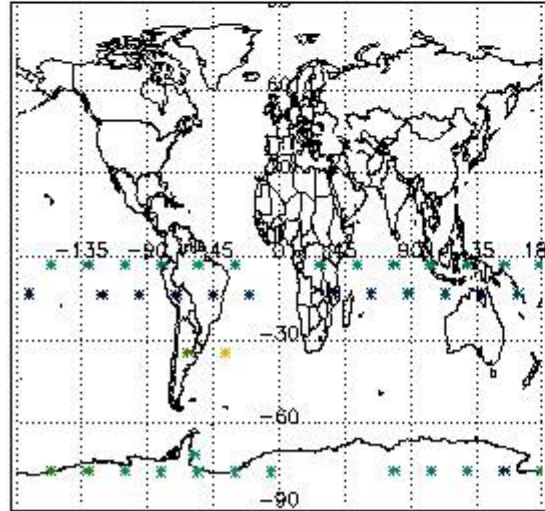
Percentage of flagged data per O3 profile



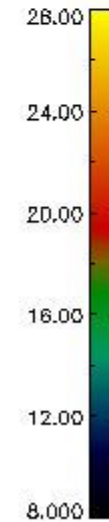
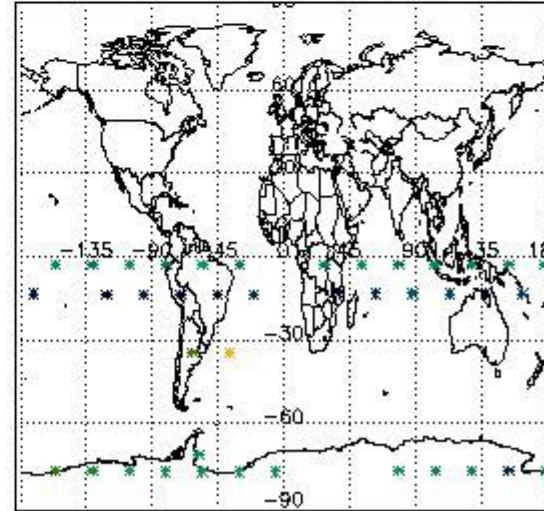
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

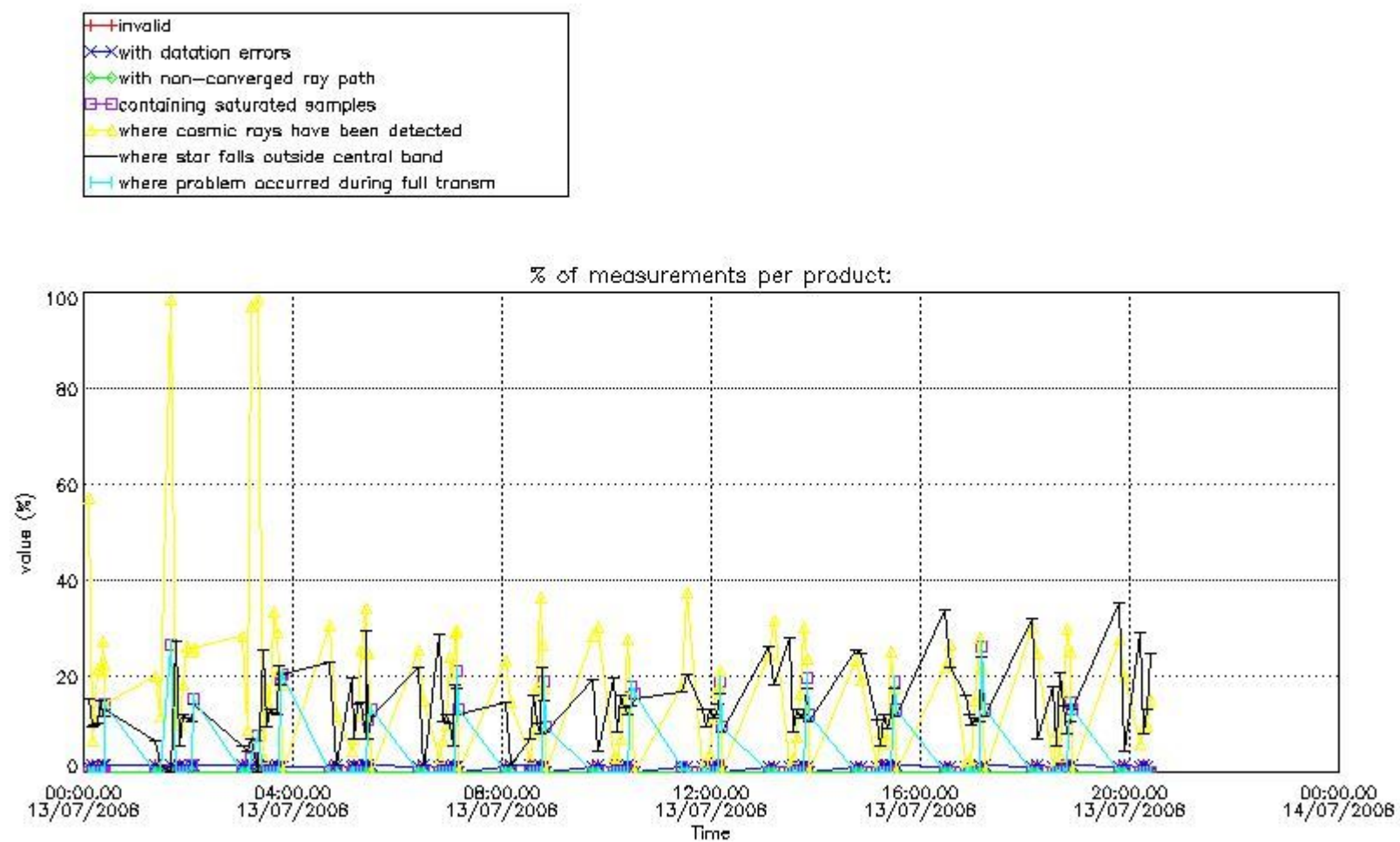


4. Level 1 quality information per product

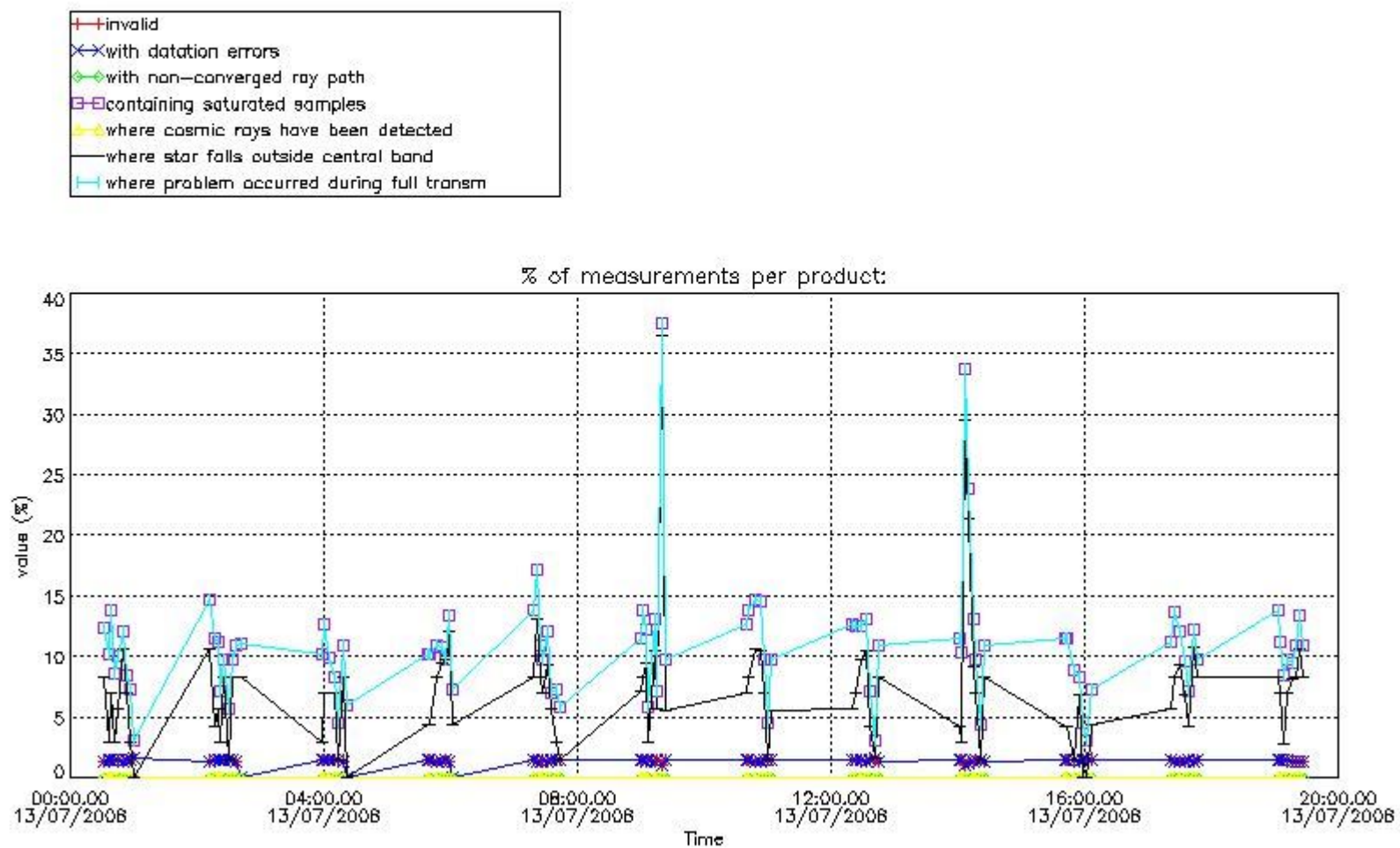
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

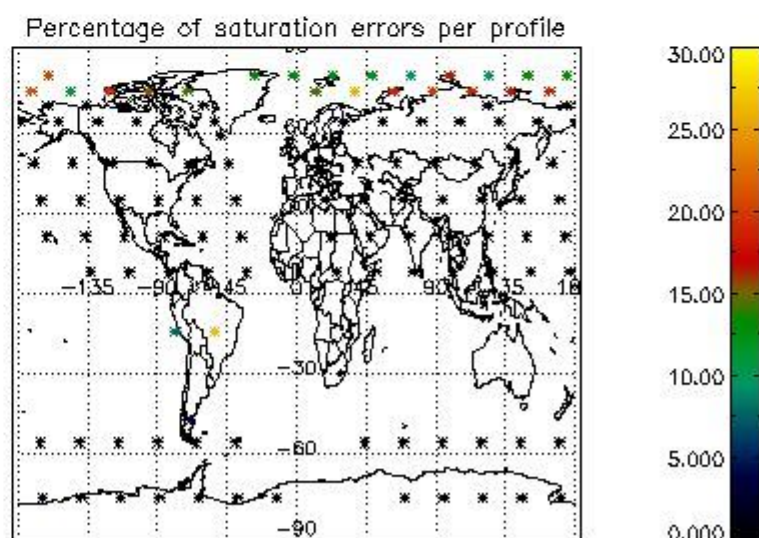
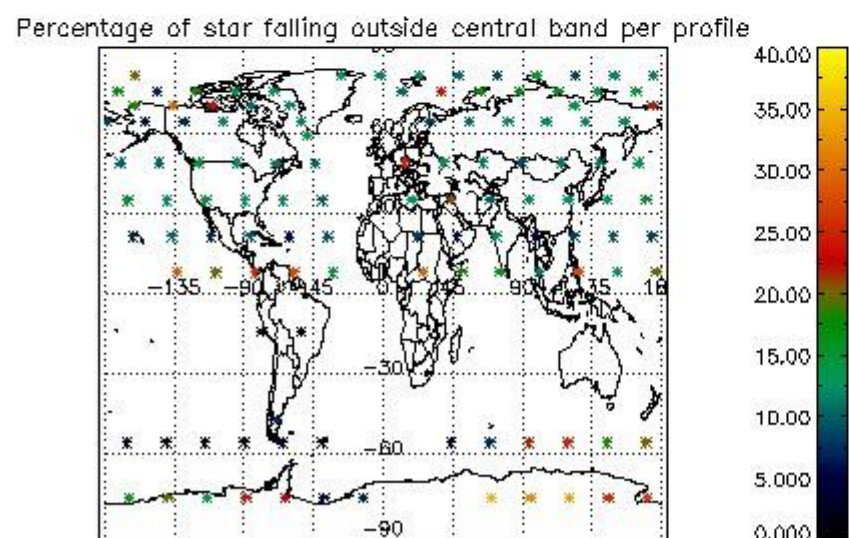
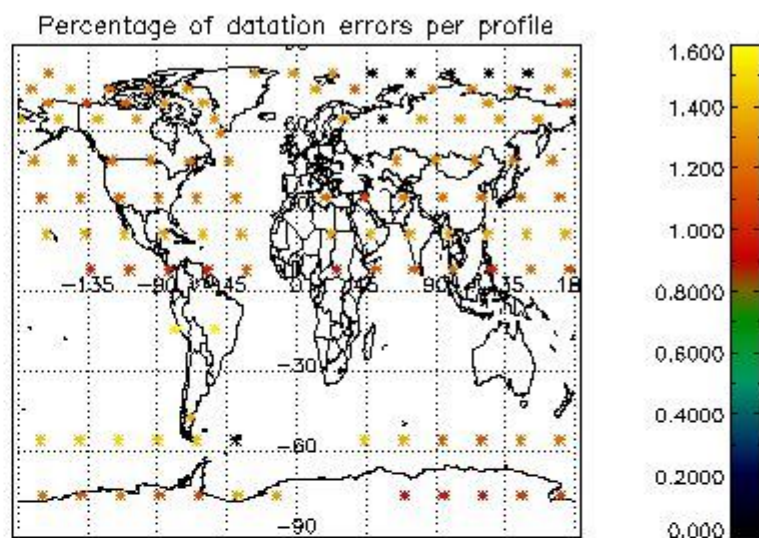
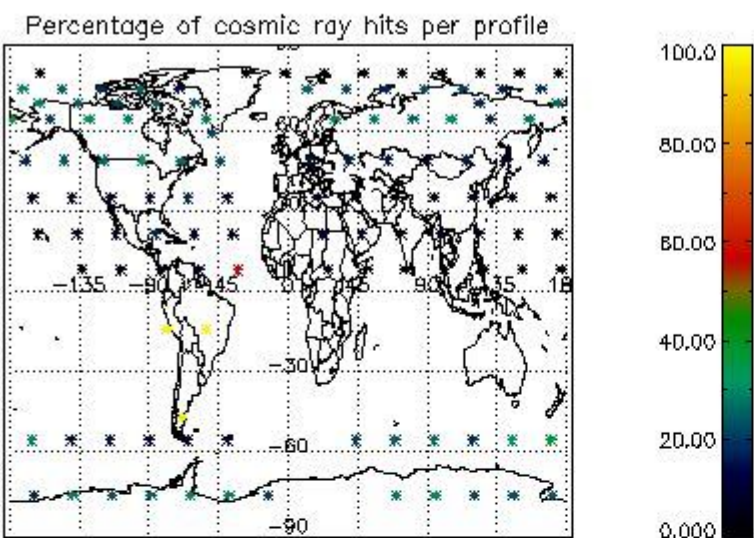


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

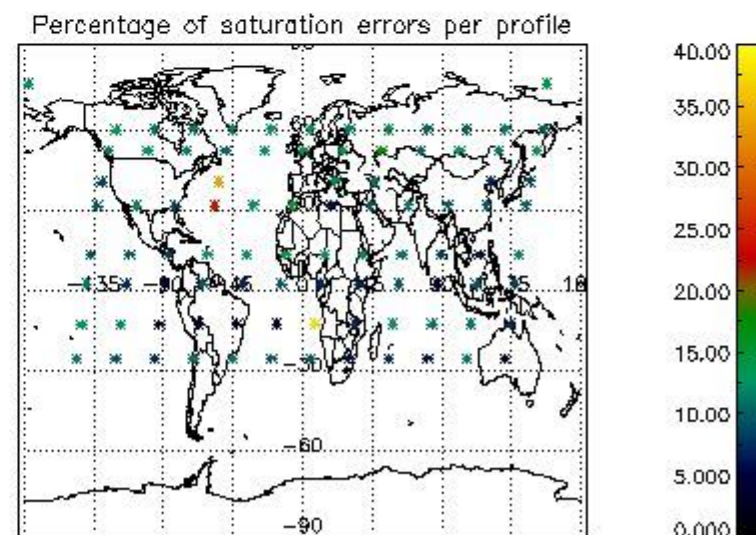
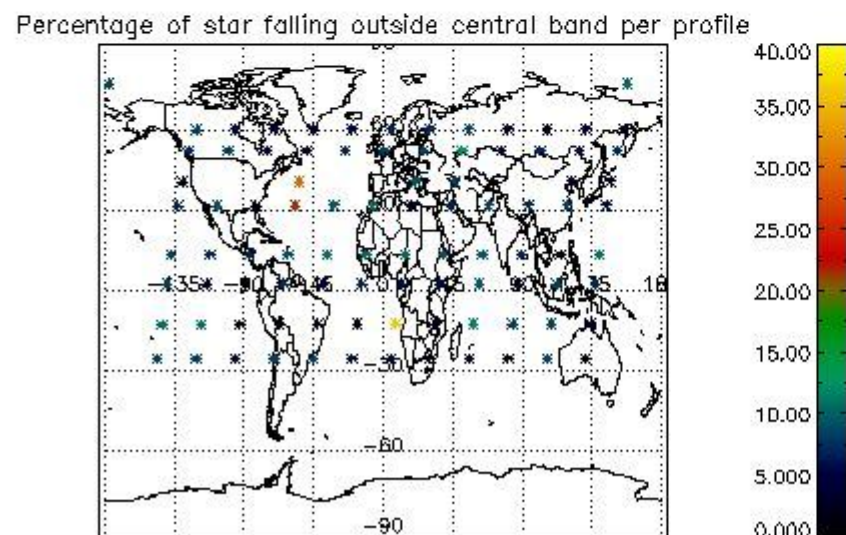
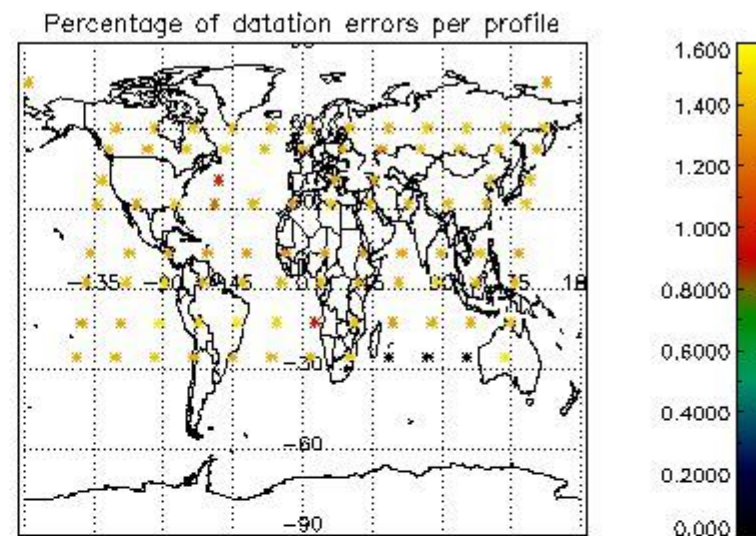
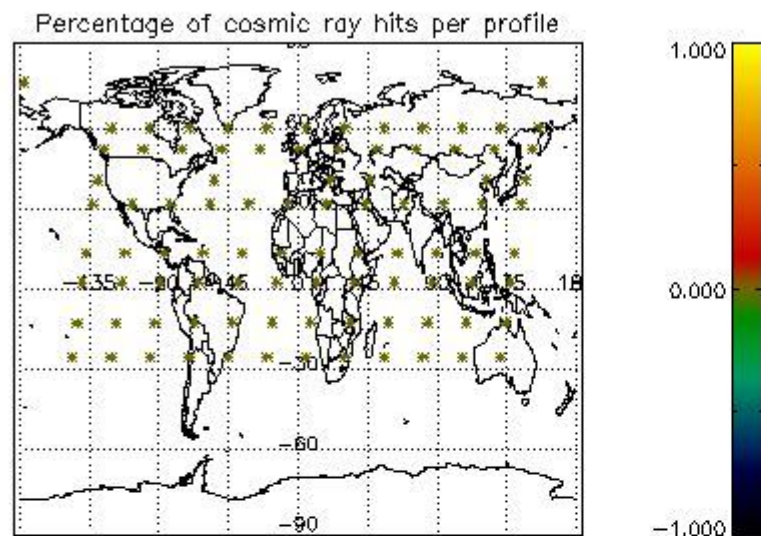


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

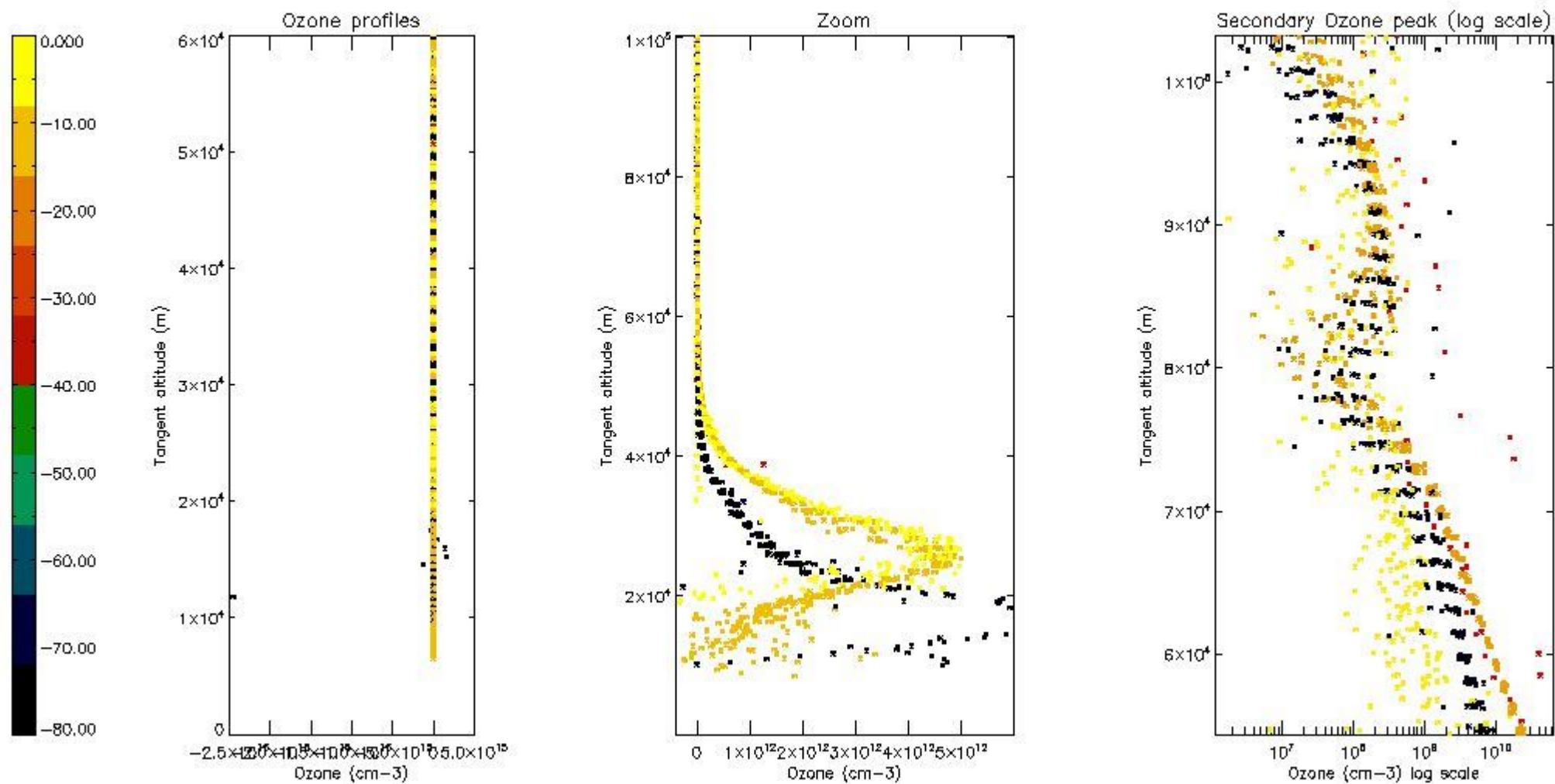
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	20
STD < 20	11

STD < 10	9
STD < 5	6

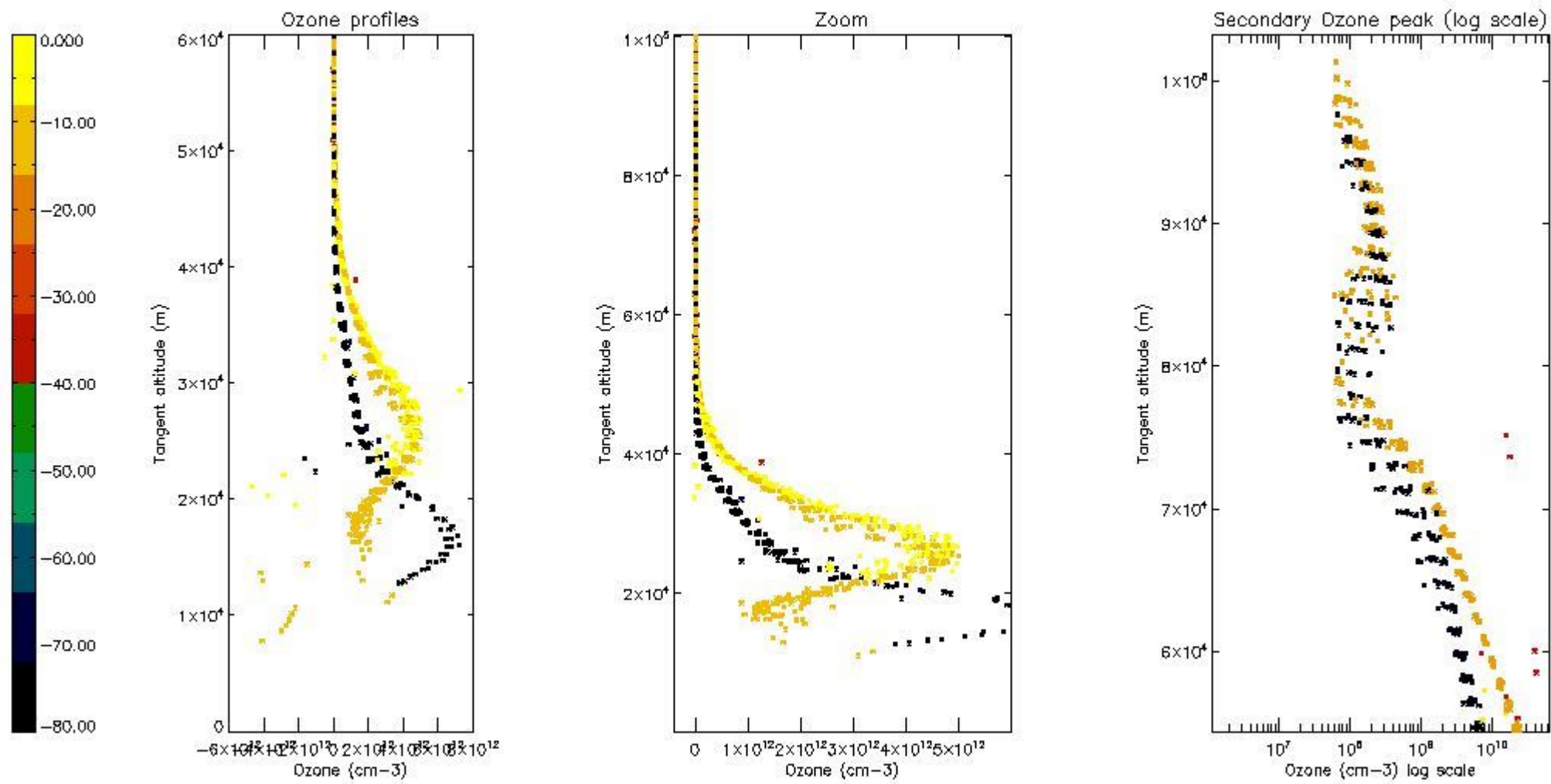
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



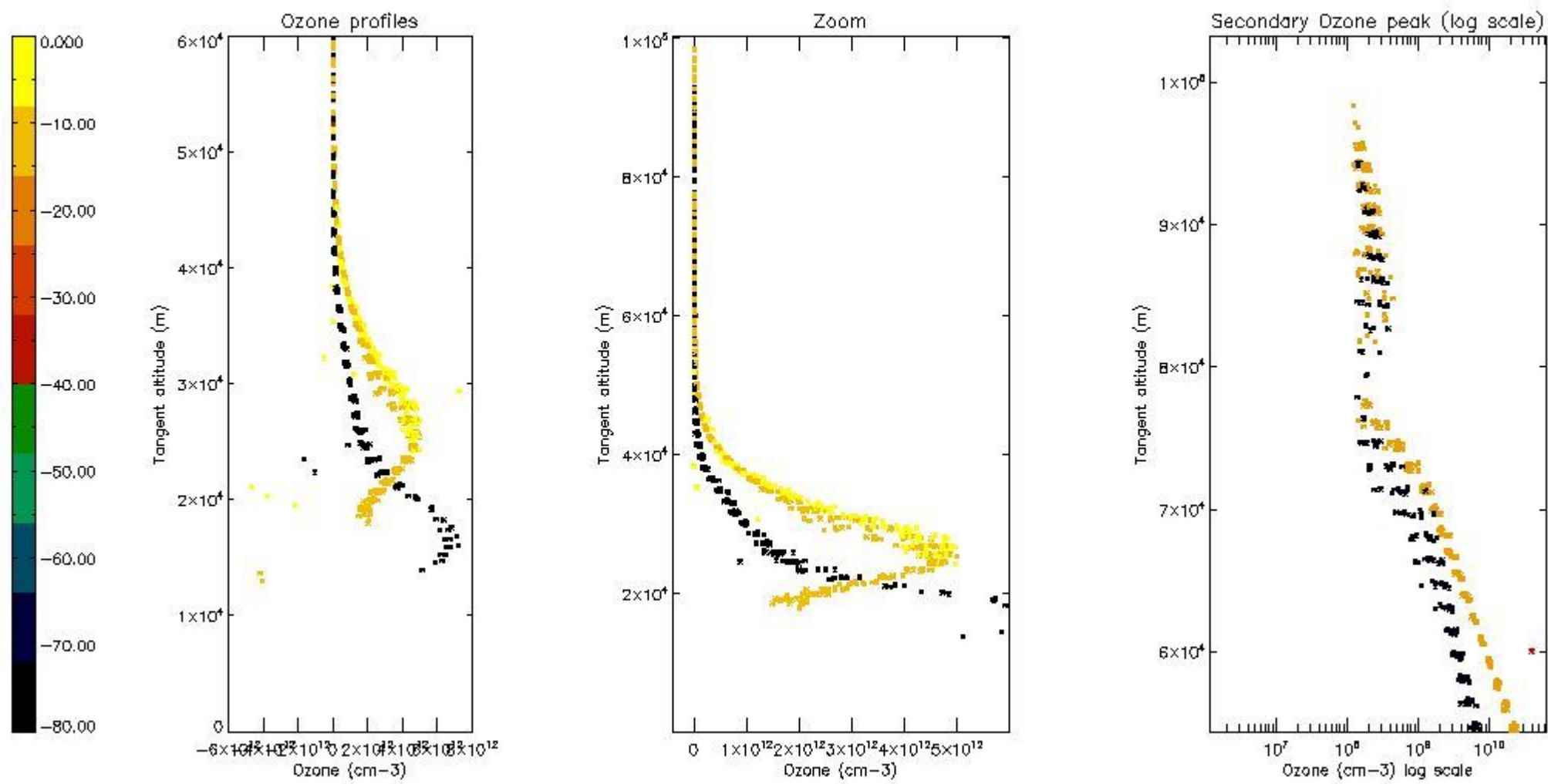
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



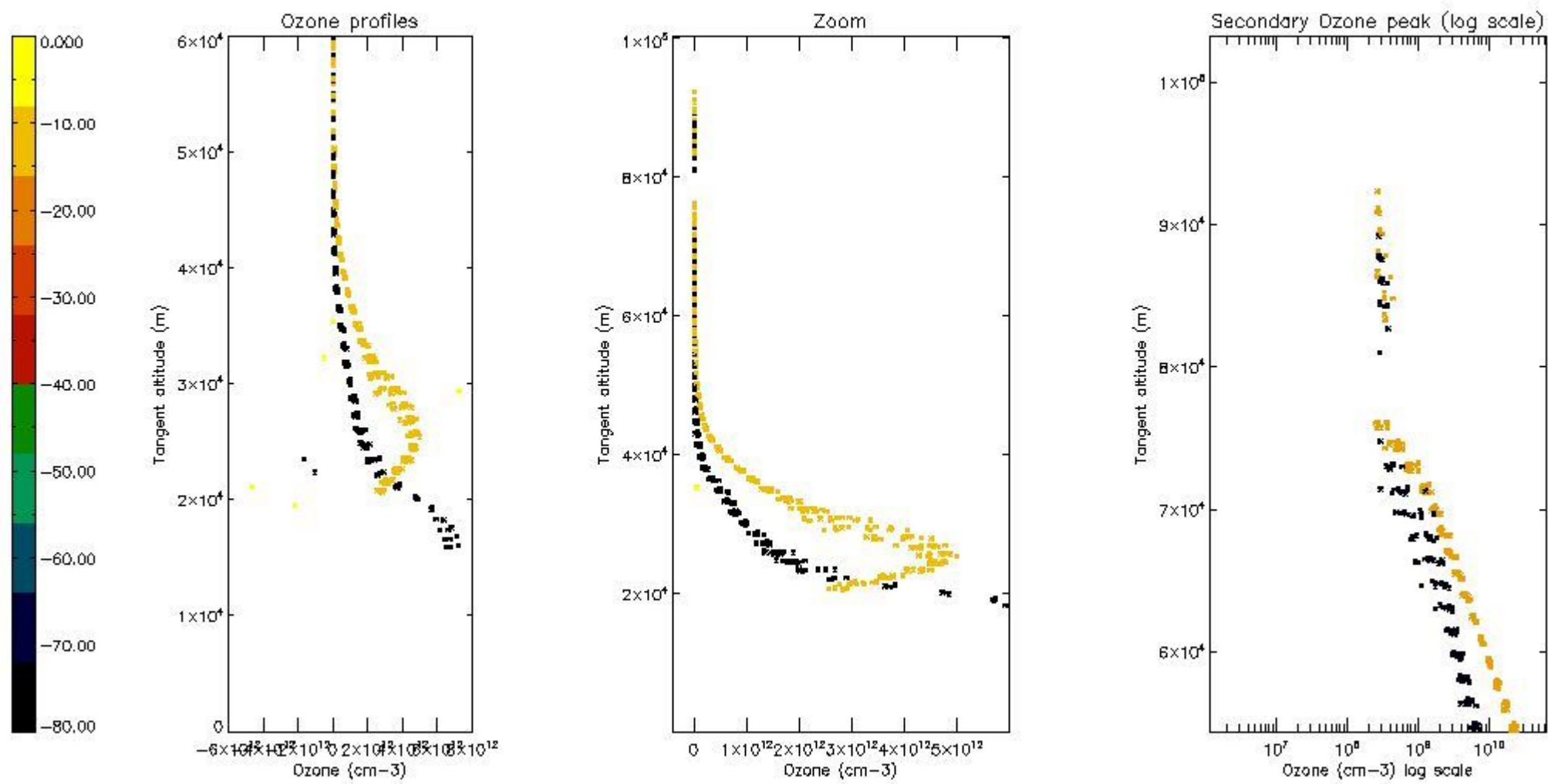
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



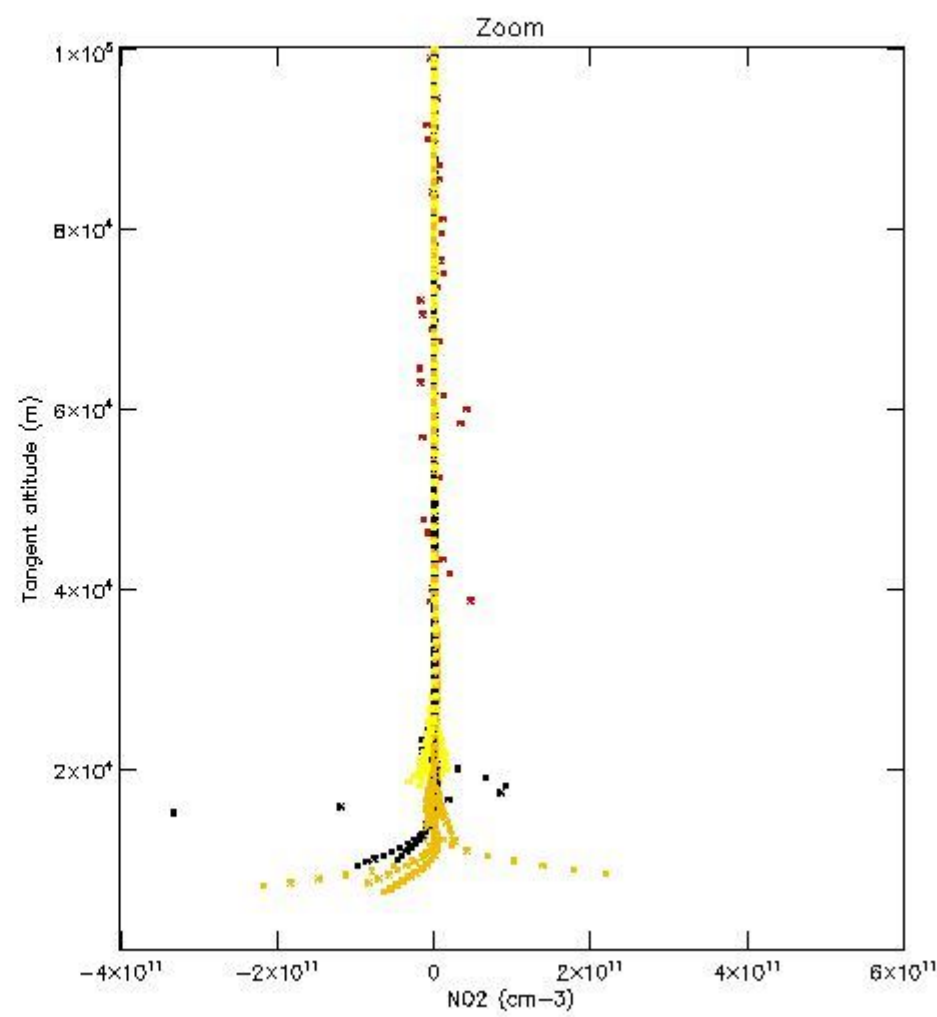
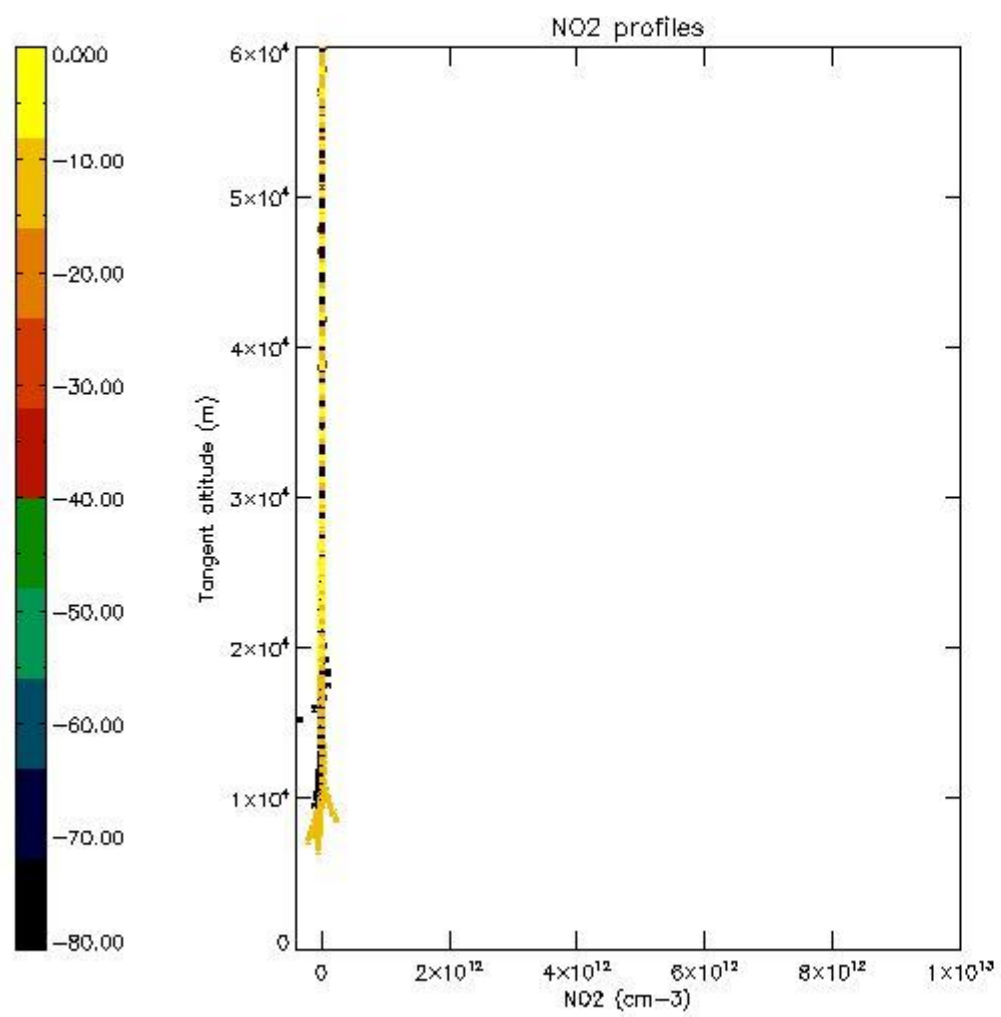
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



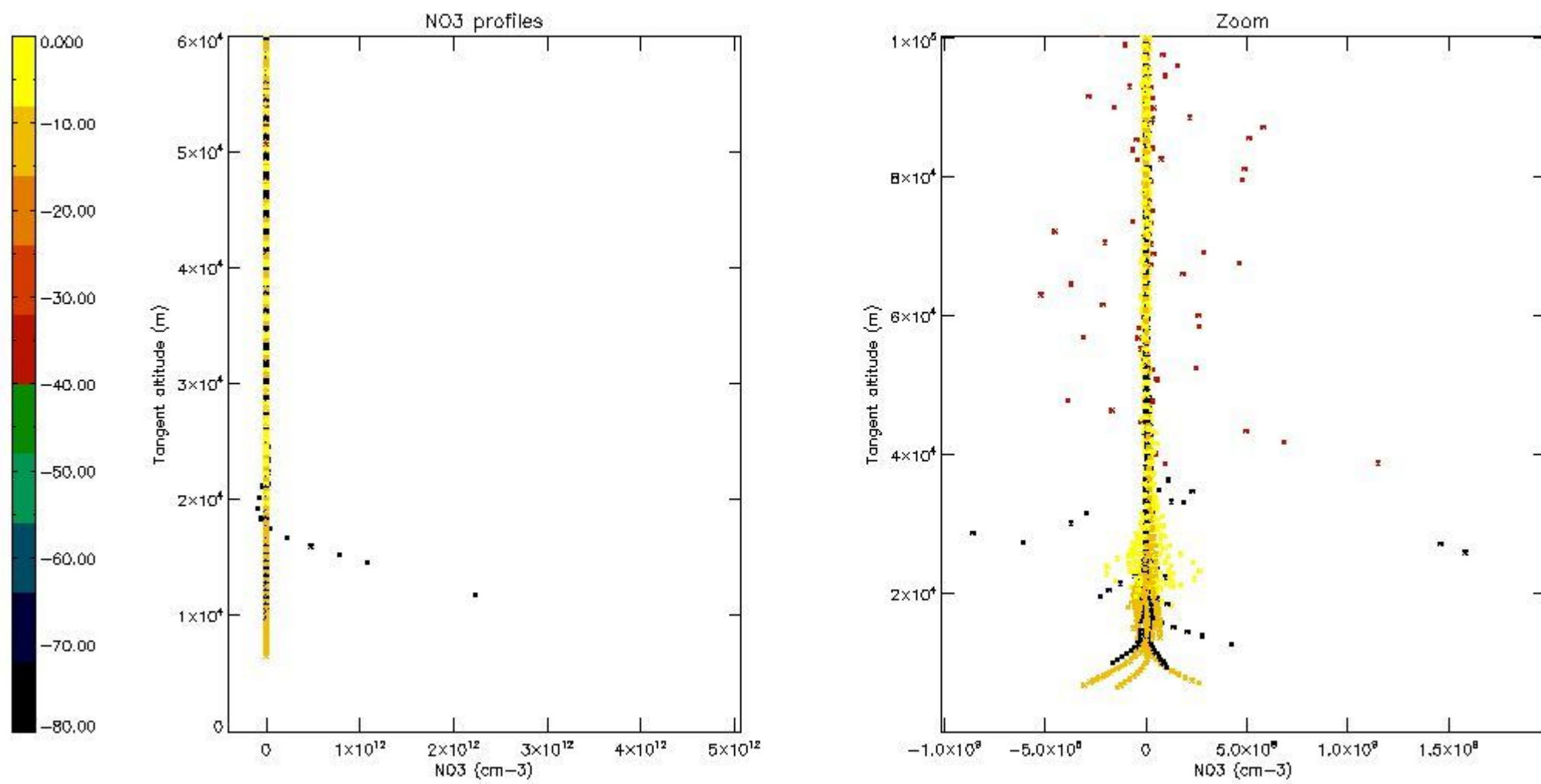
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



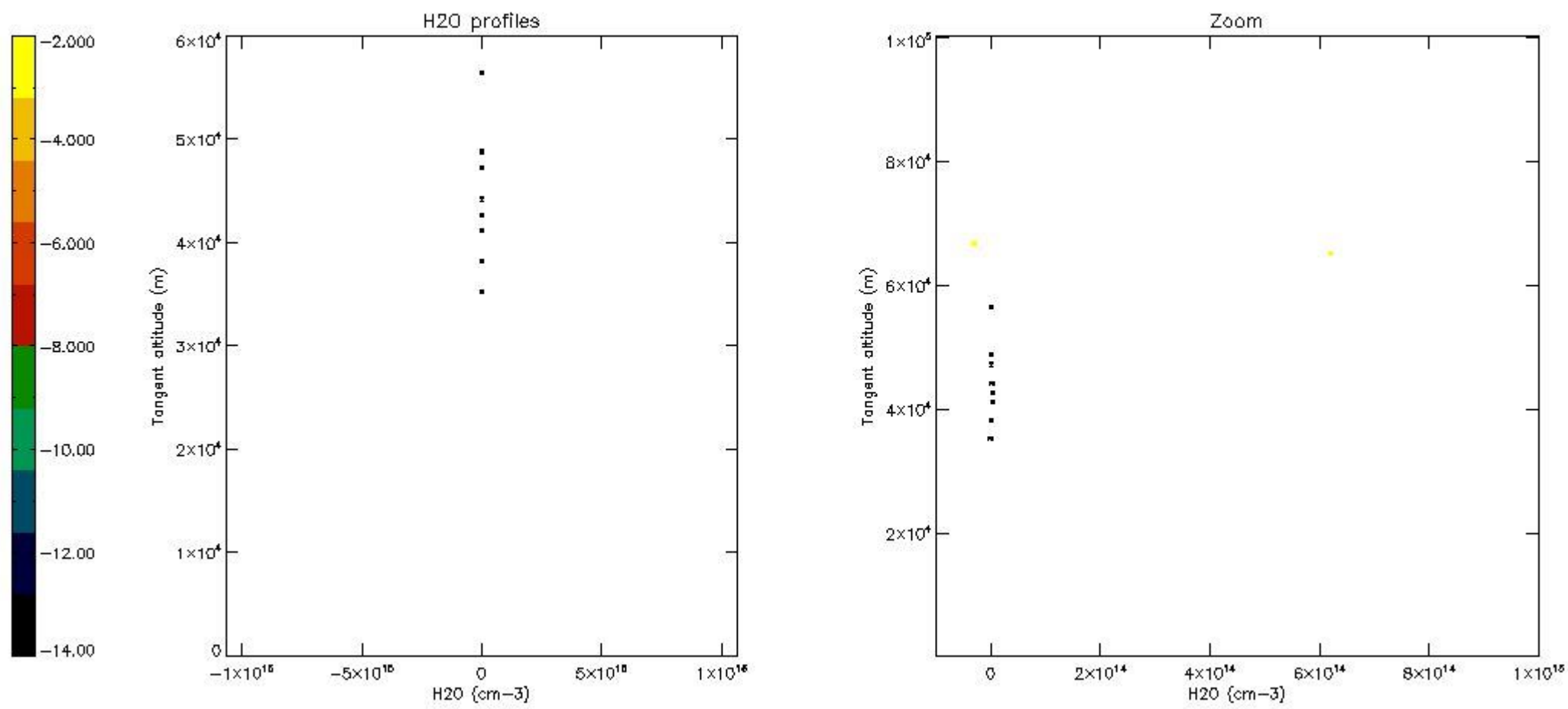
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

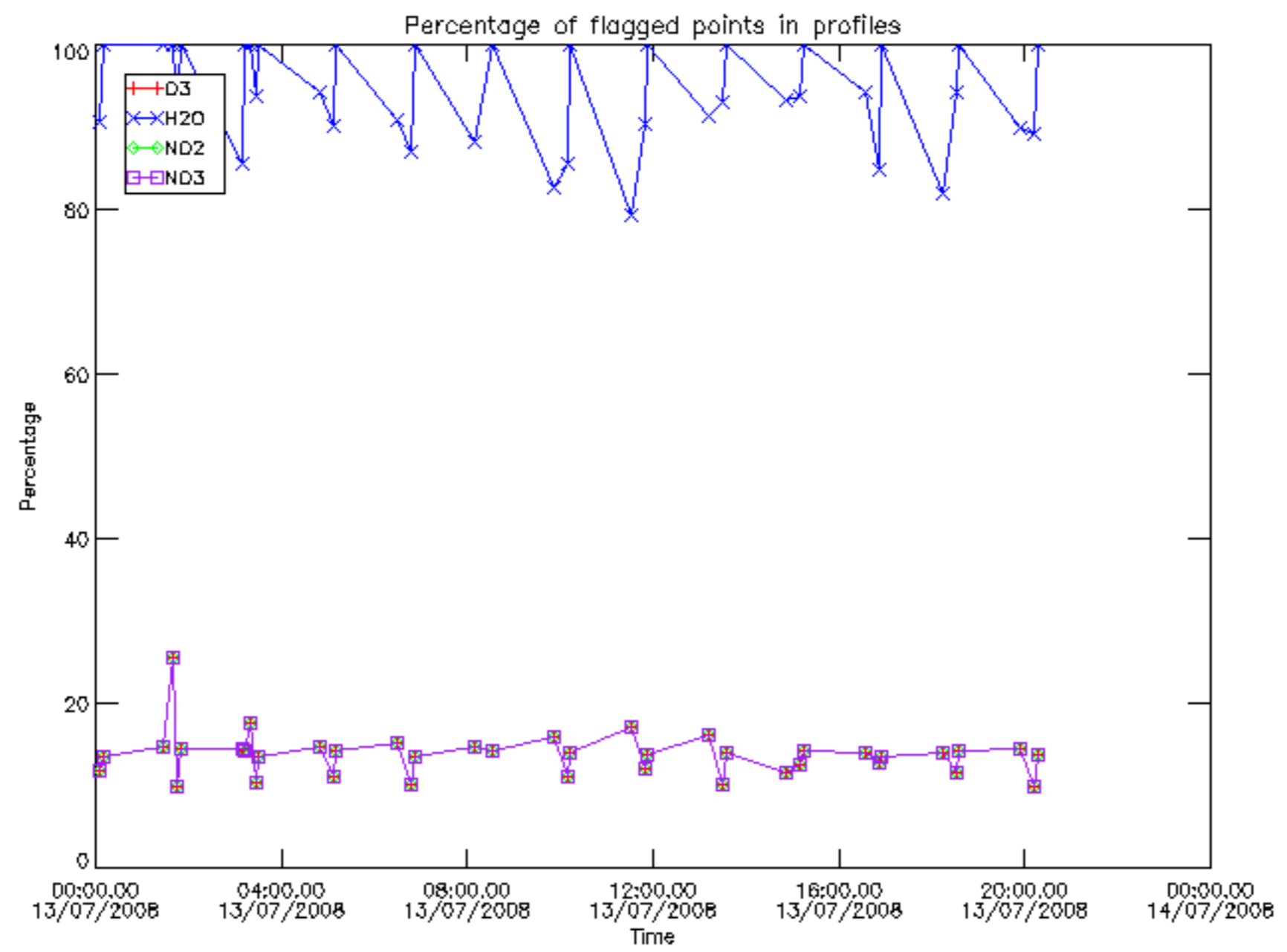
The colorbar represents the latitude.



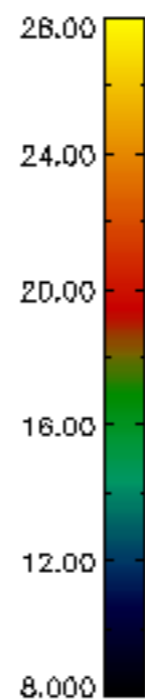
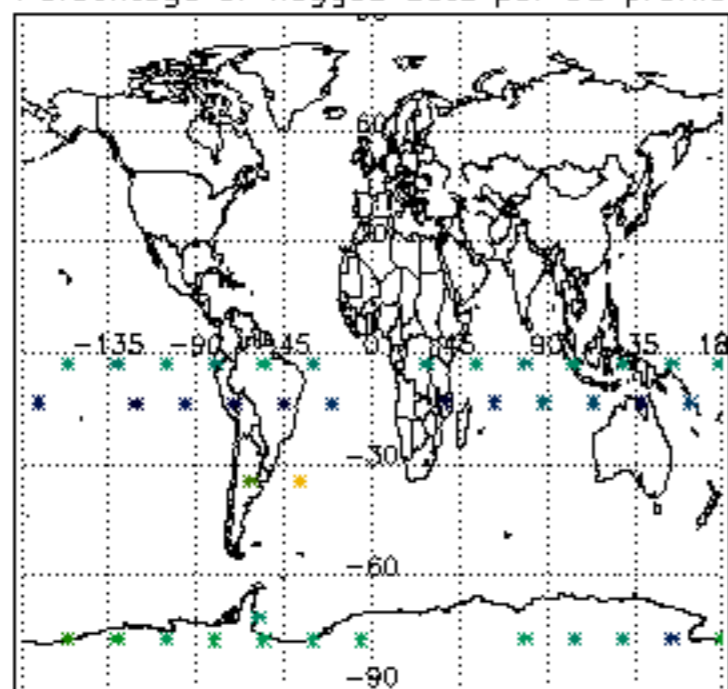
6. Auxiliary Data Files used for the production reported in section 2

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.

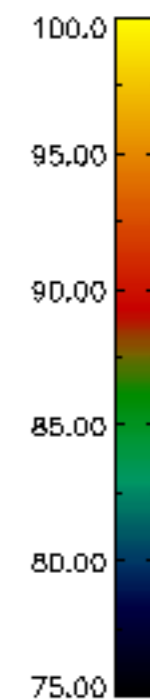
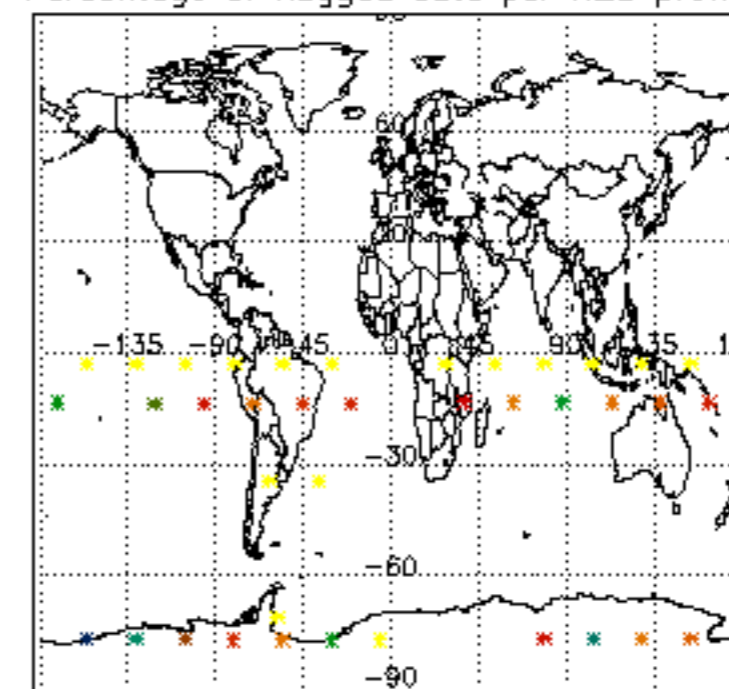
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	13-JUL-2008 00:05:20
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	13-JUL-2008 00:05:20
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	13-JUL-2008 00:05:20



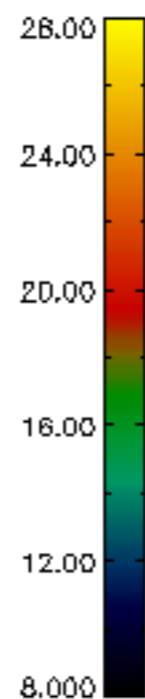
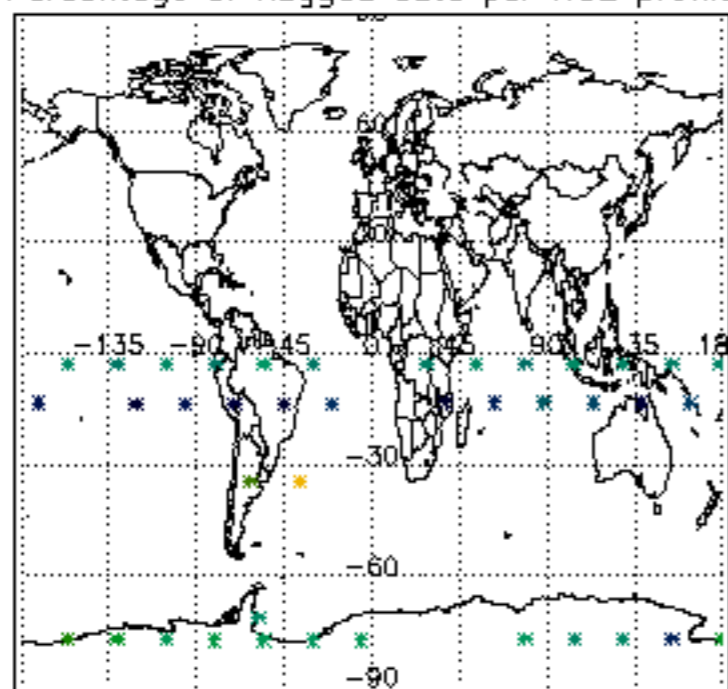
Percentage of flagged data per D3 profile



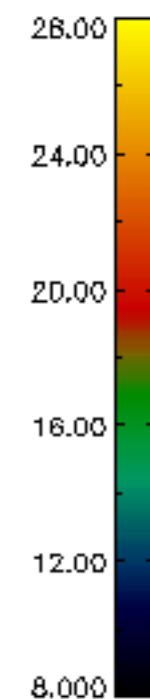
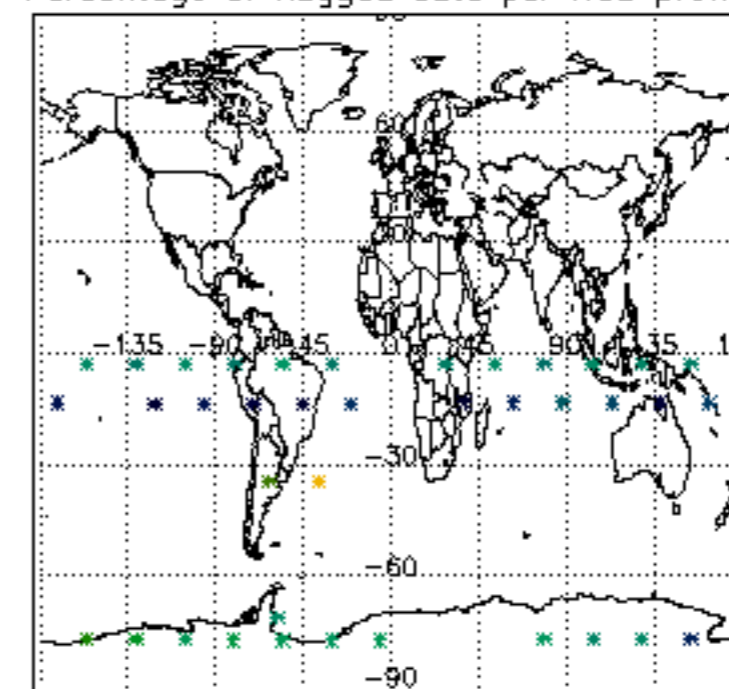
Percentage of flagged data per H2O profile

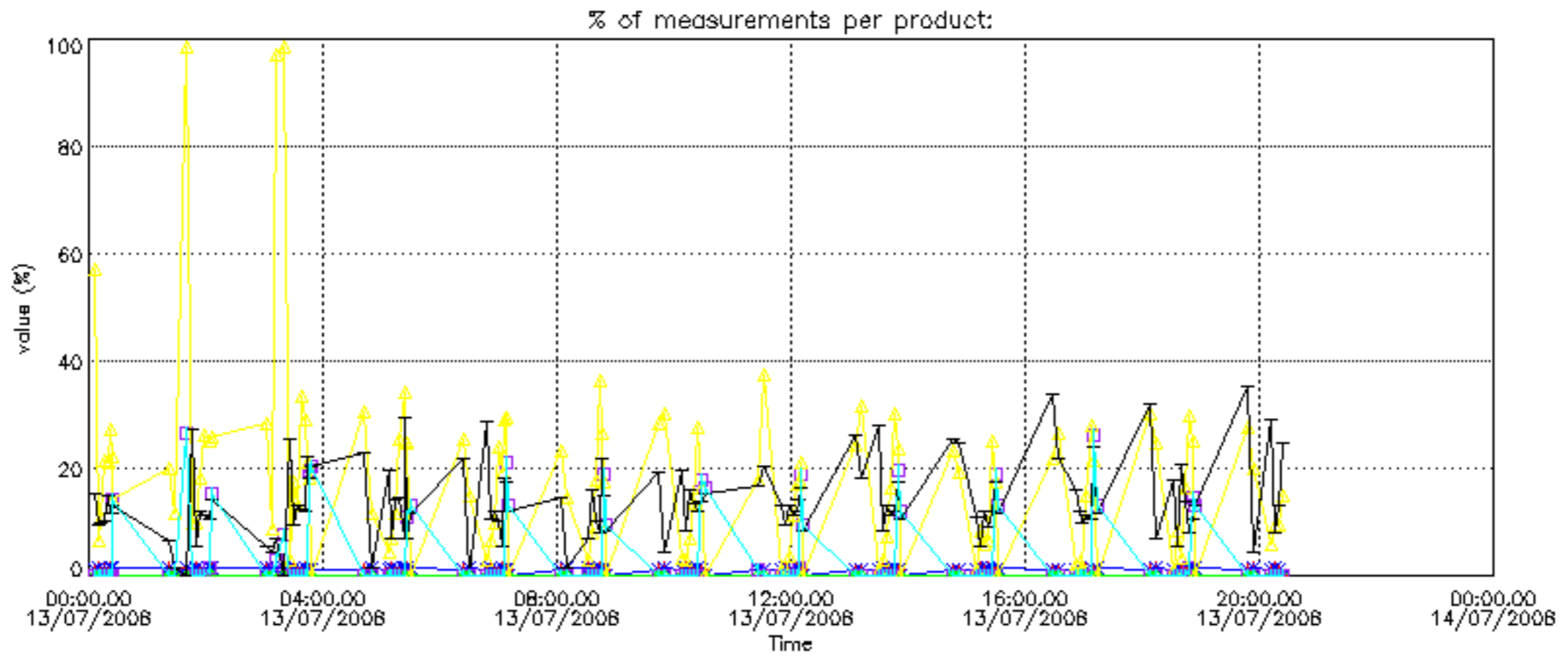


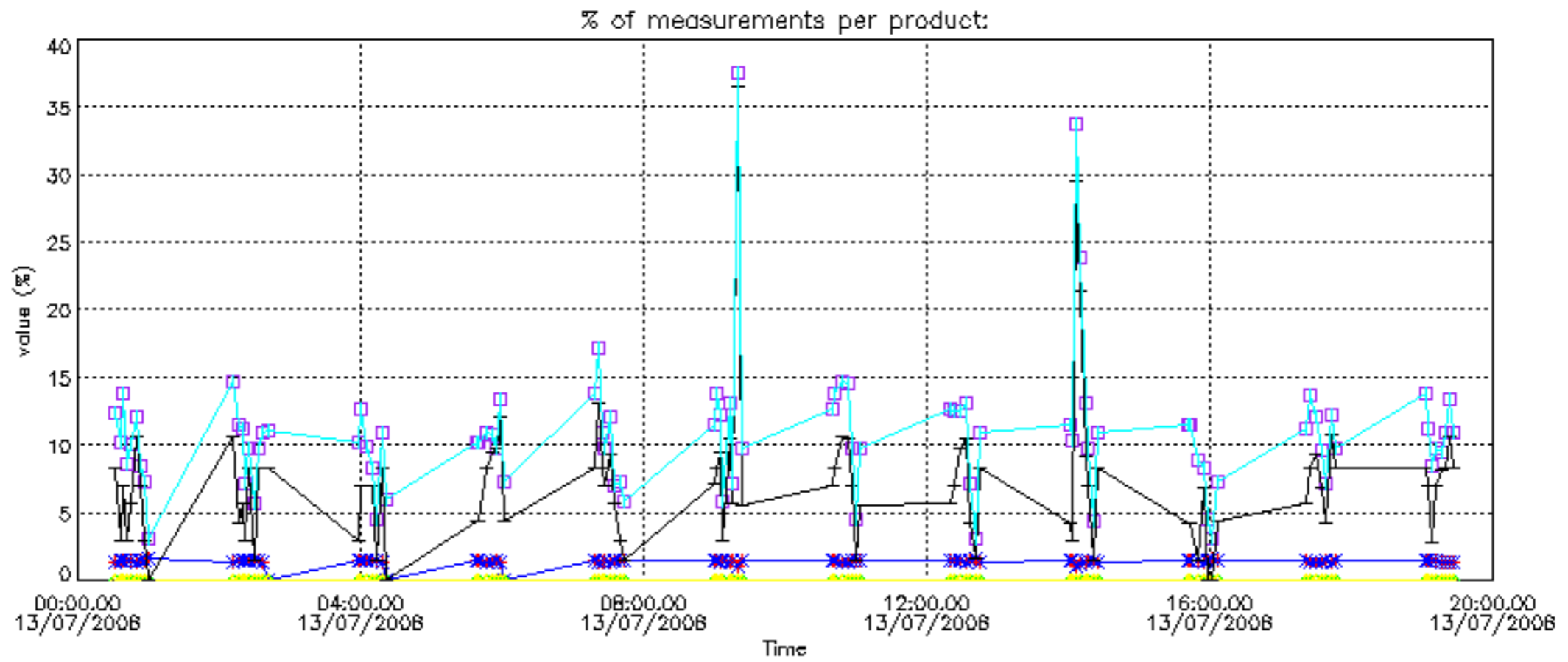
Percentage of flagged data per NO2 profile



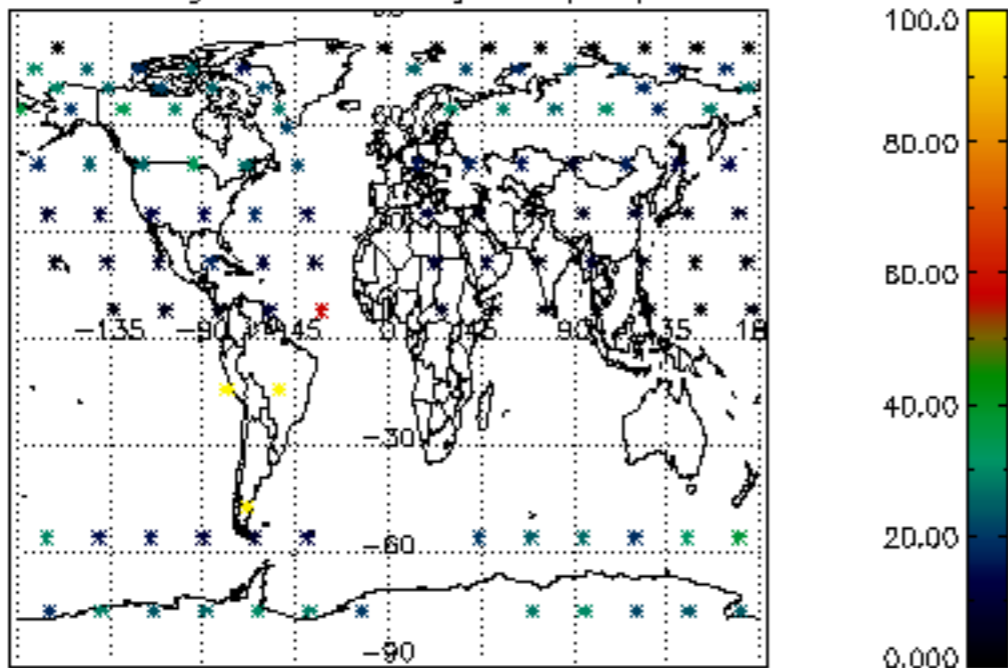
Percentage of flagged data per NO3 profile



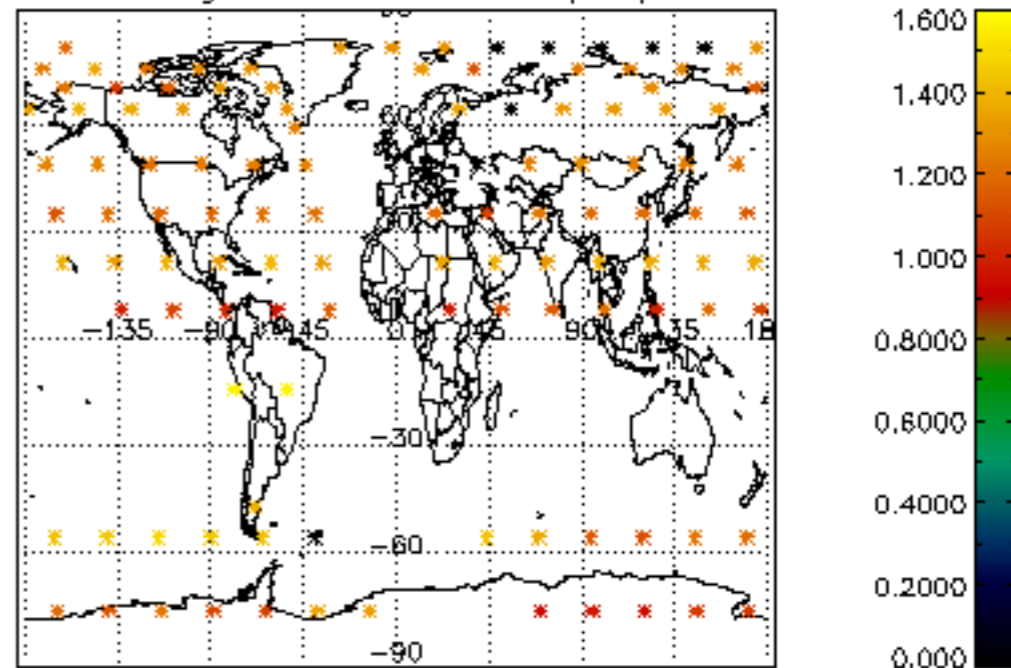




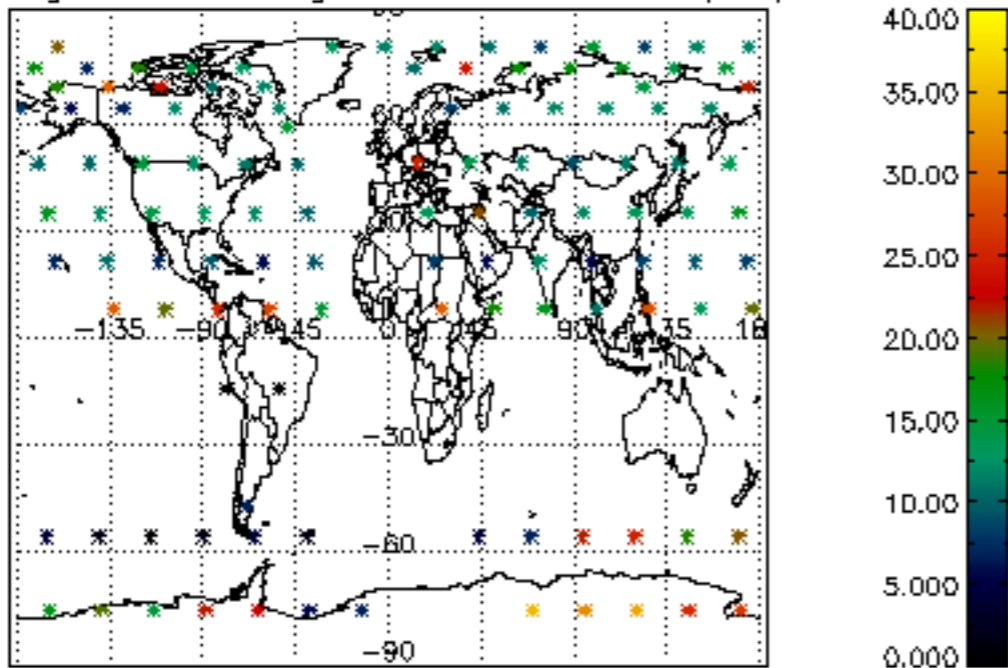
Percentage of cosmic ray hits per profile



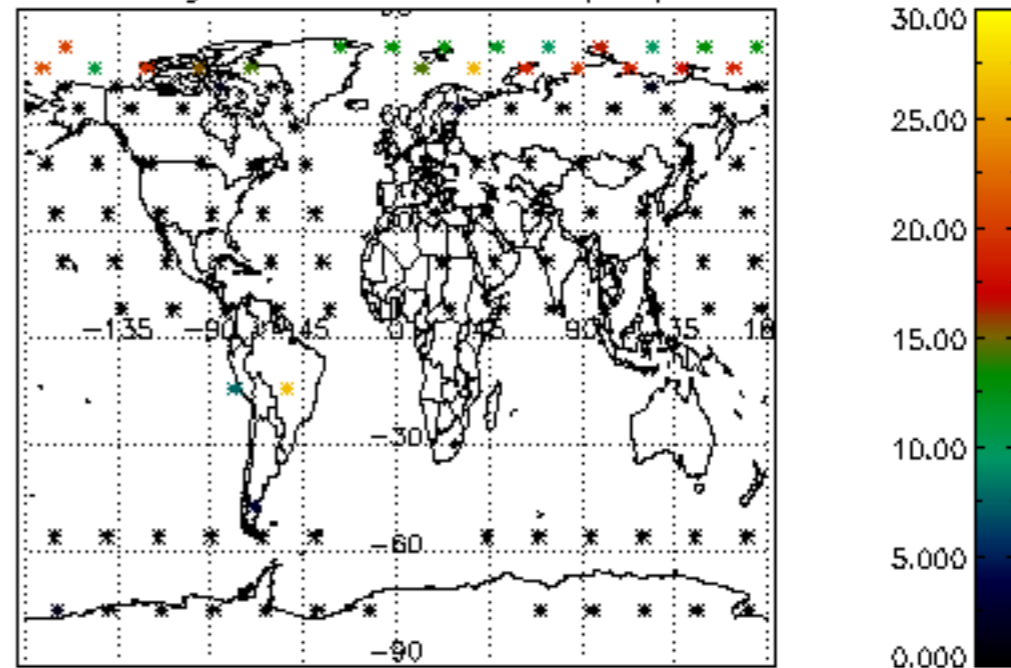
Percentage of datation errors per profile



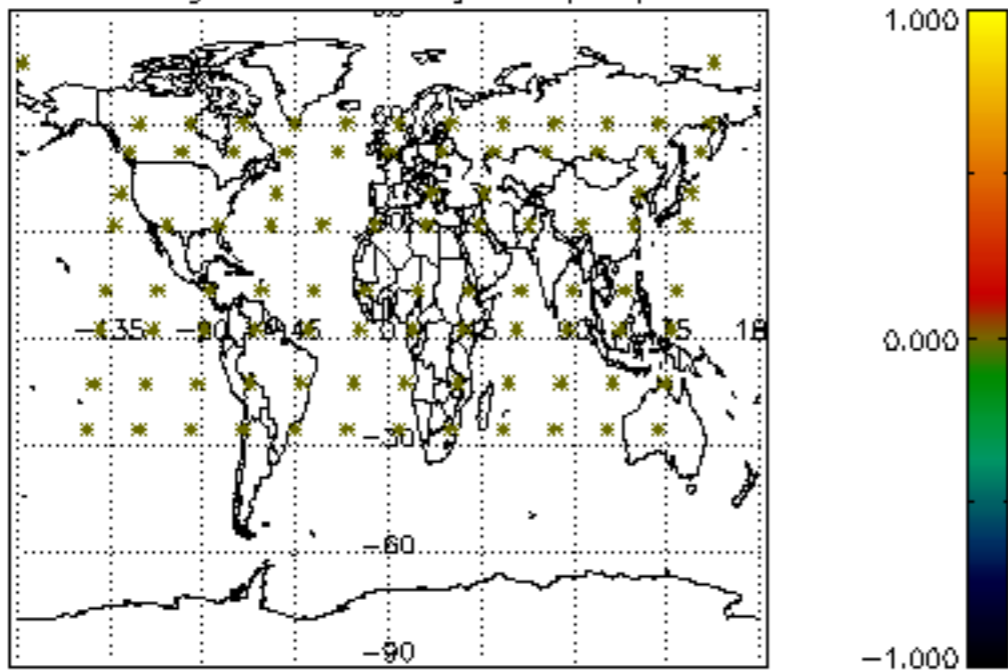
Percentage of star falling outside central band per profile



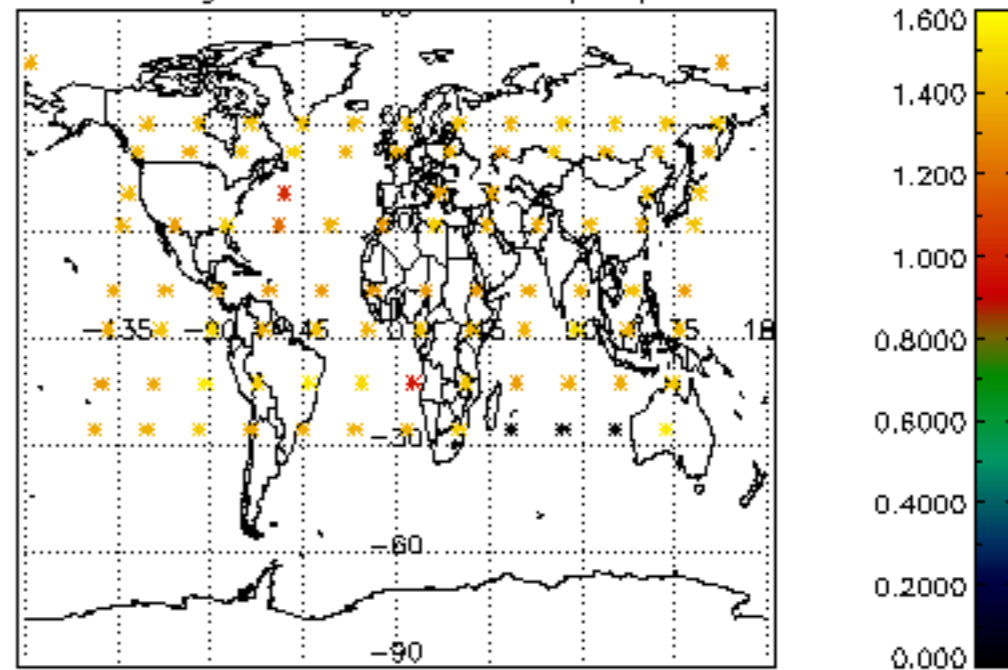
Percentage of saturation errors per profile



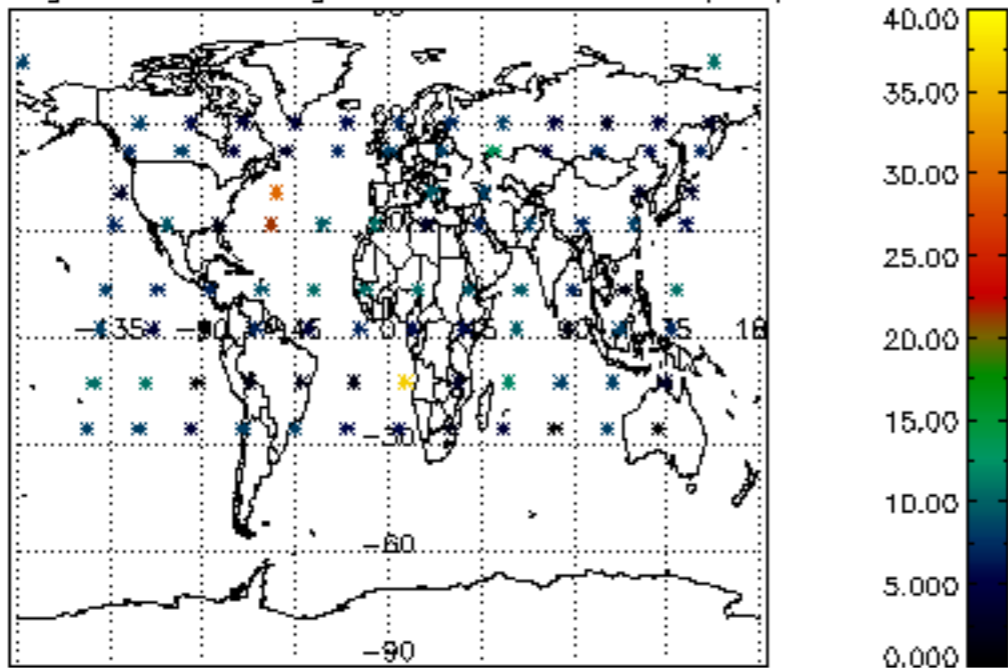
Percentage of cosmic ray hits per profile



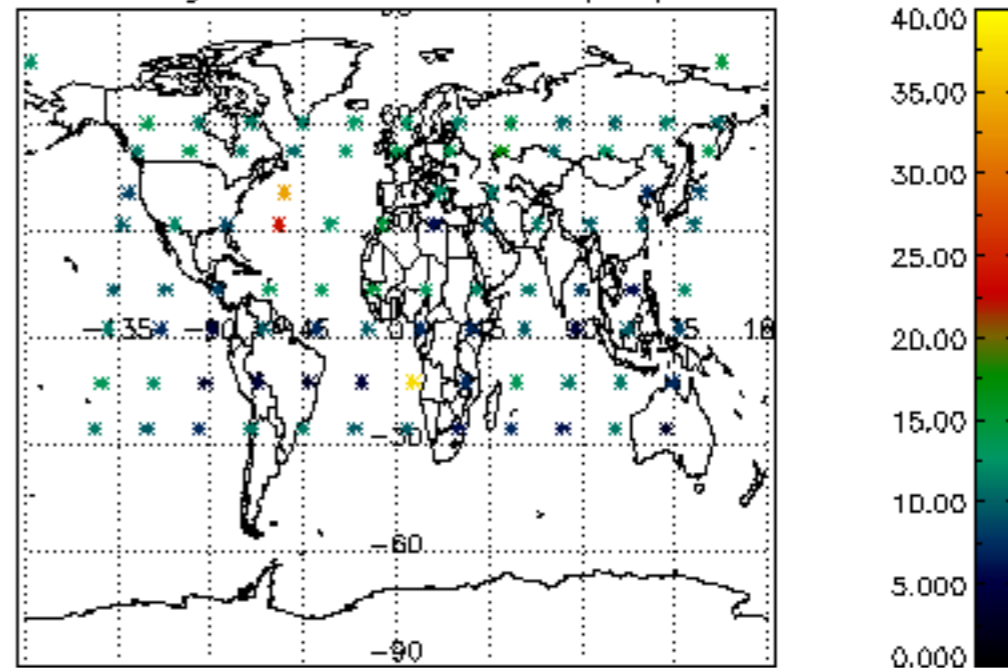
Percentage of datation errors per profile

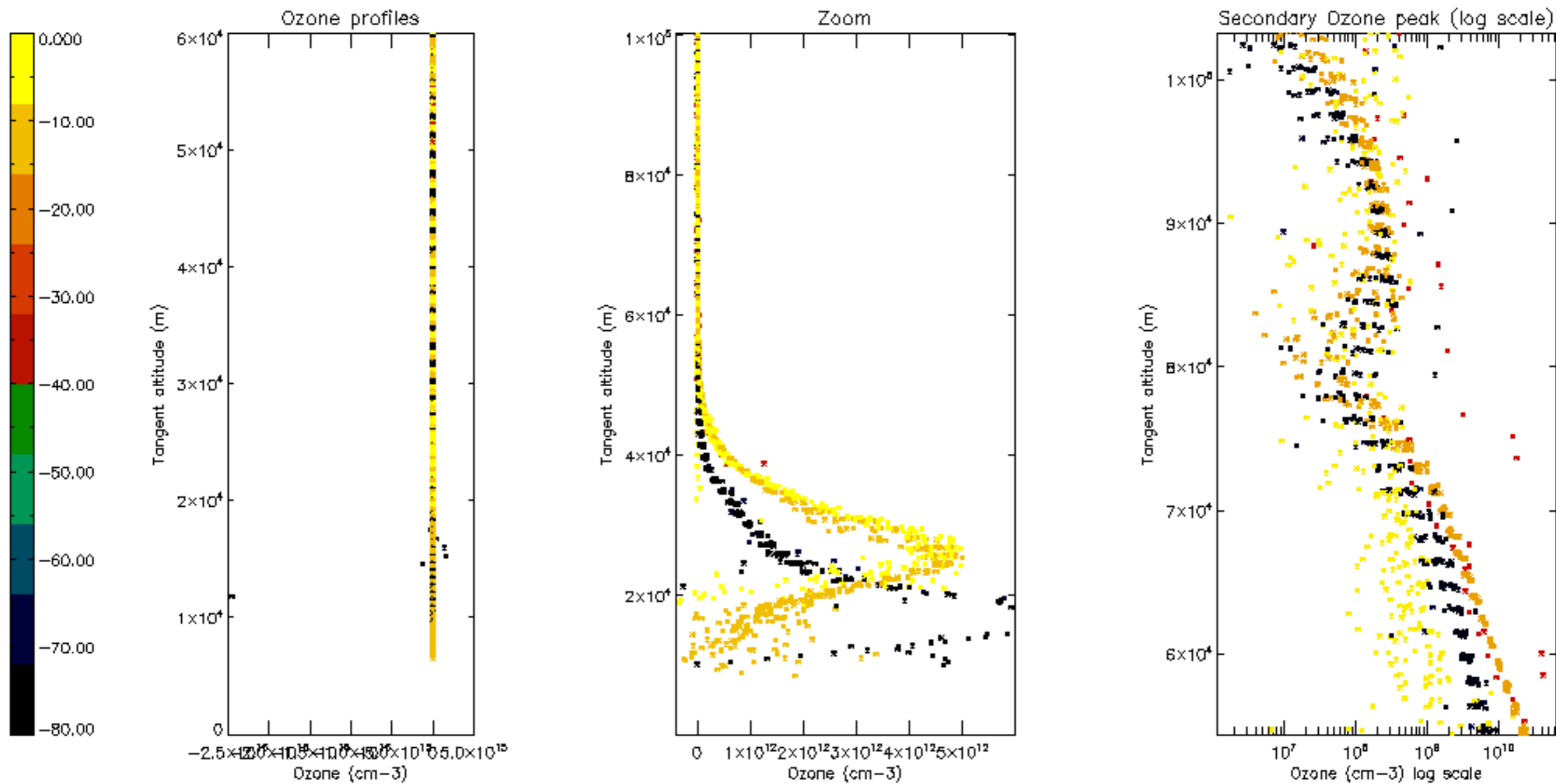


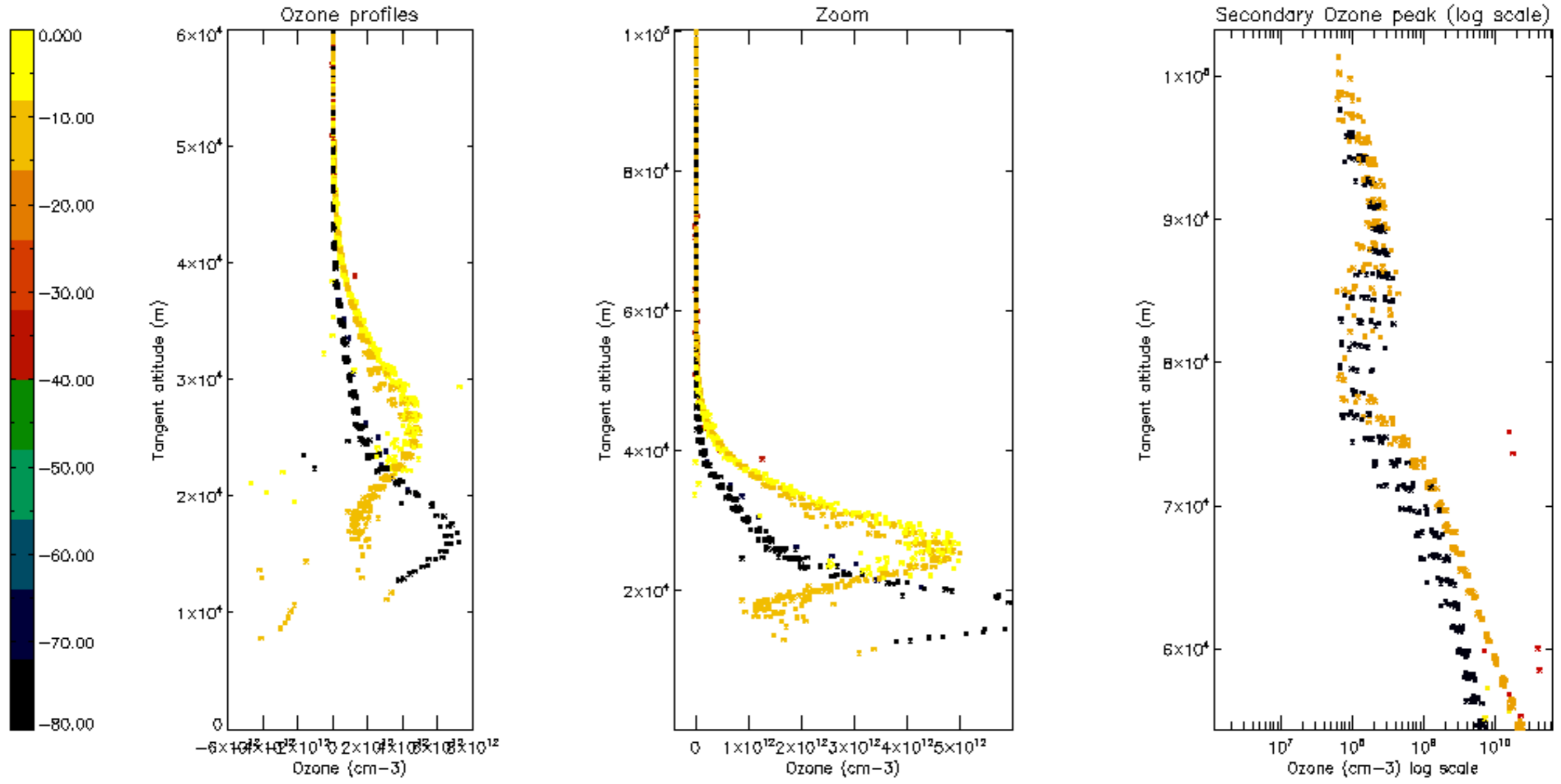
Percentage of star falling outside central band per profile

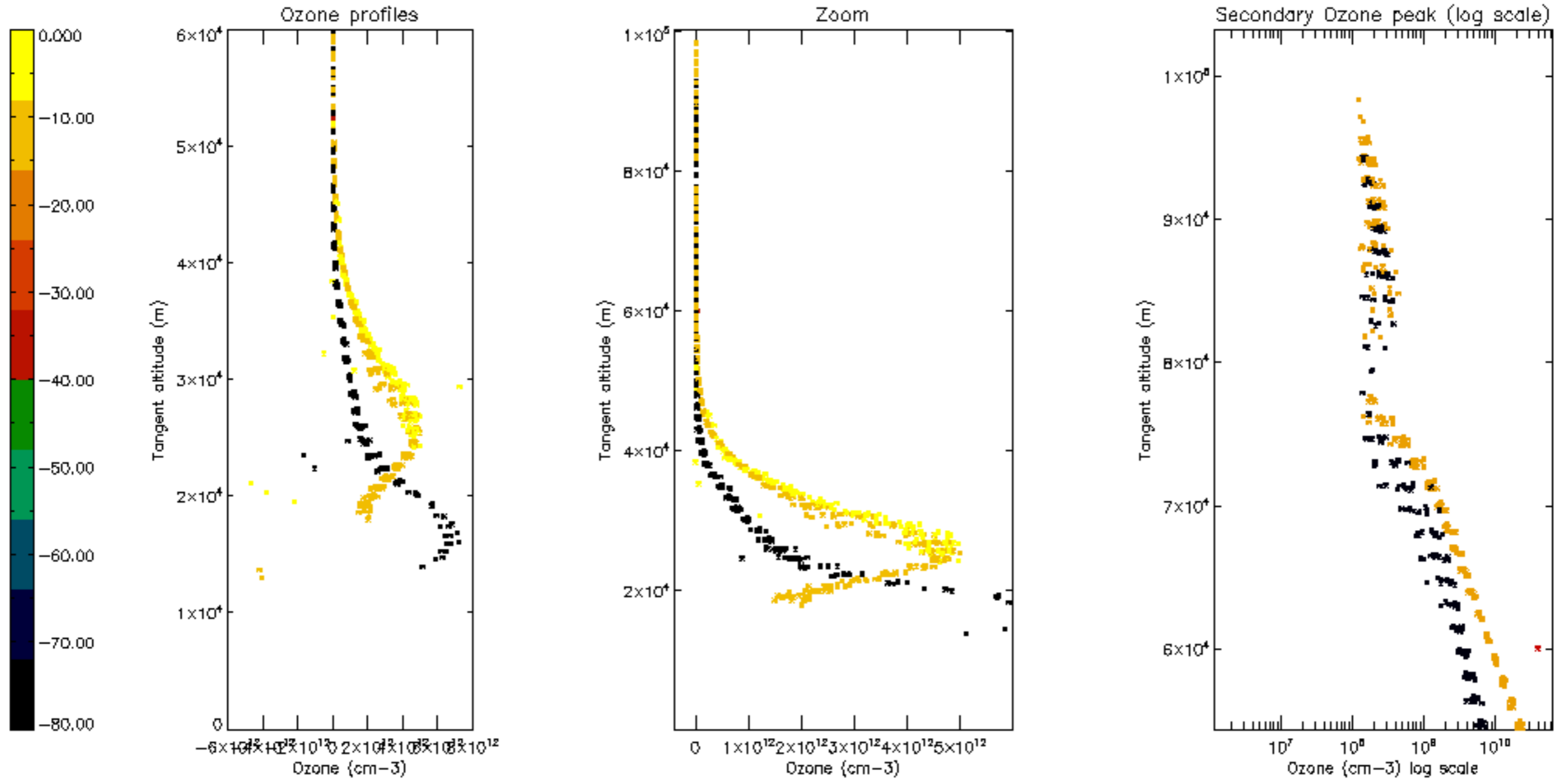


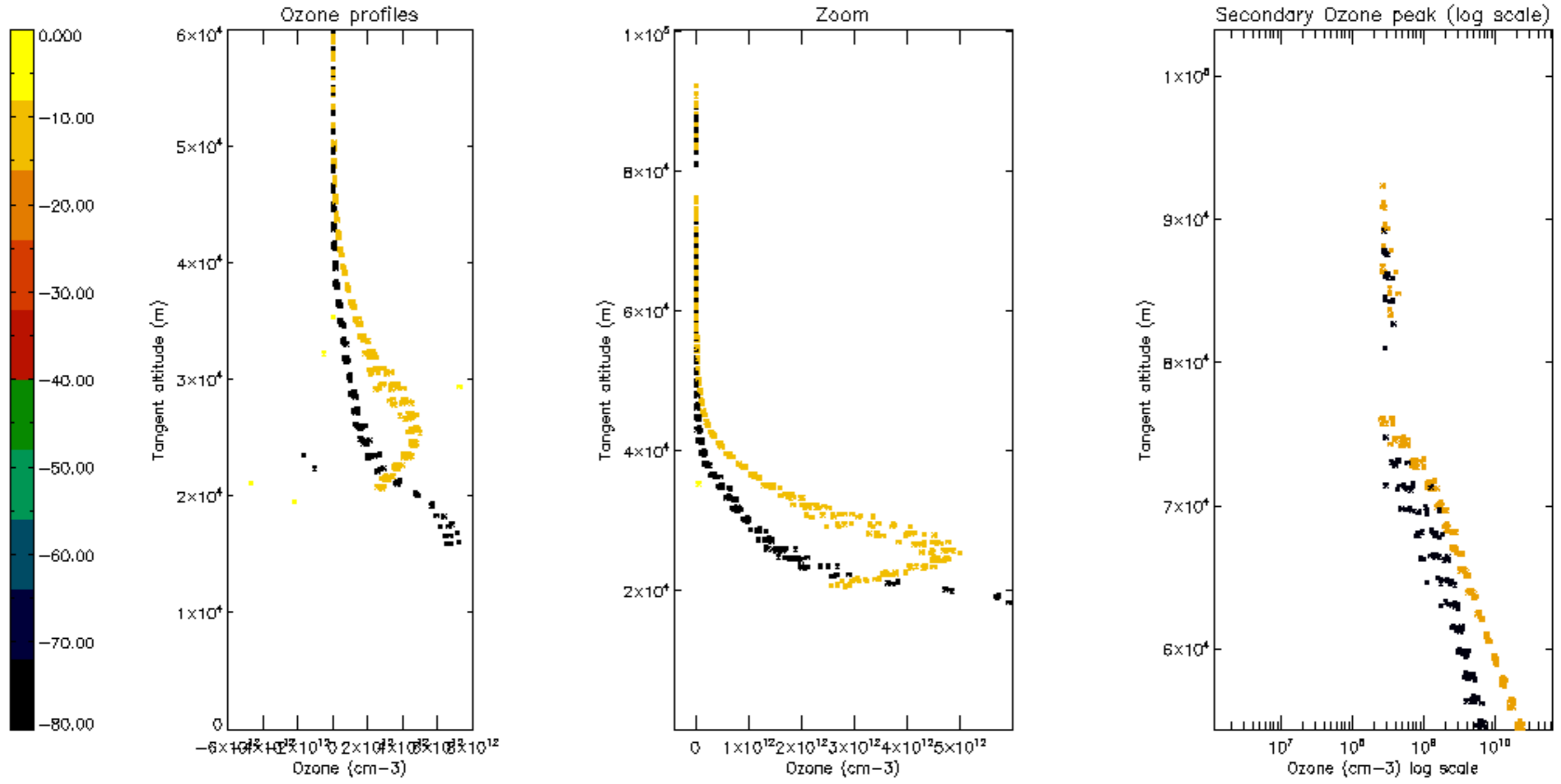
Percentage of saturation errors per profile

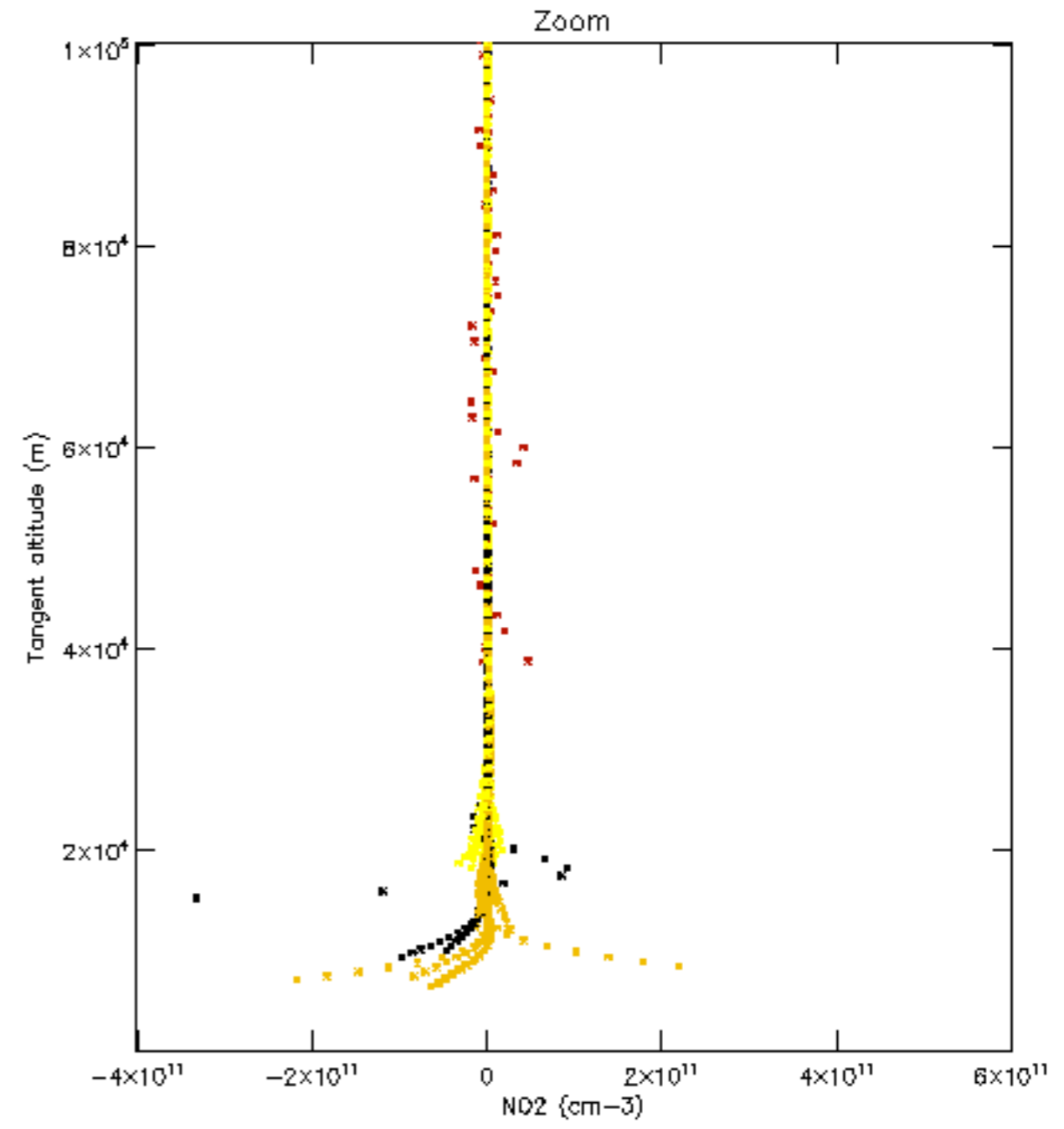
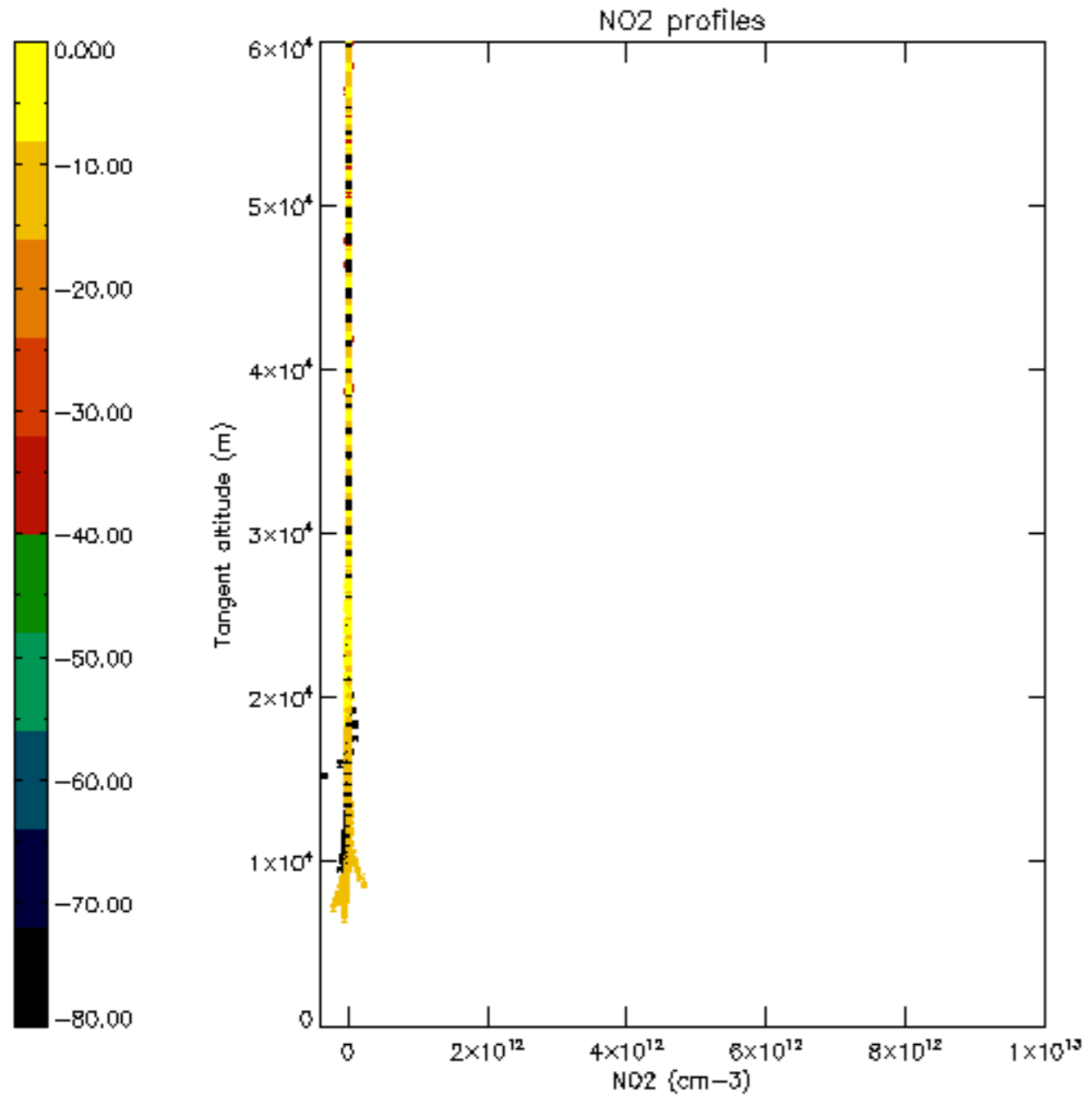


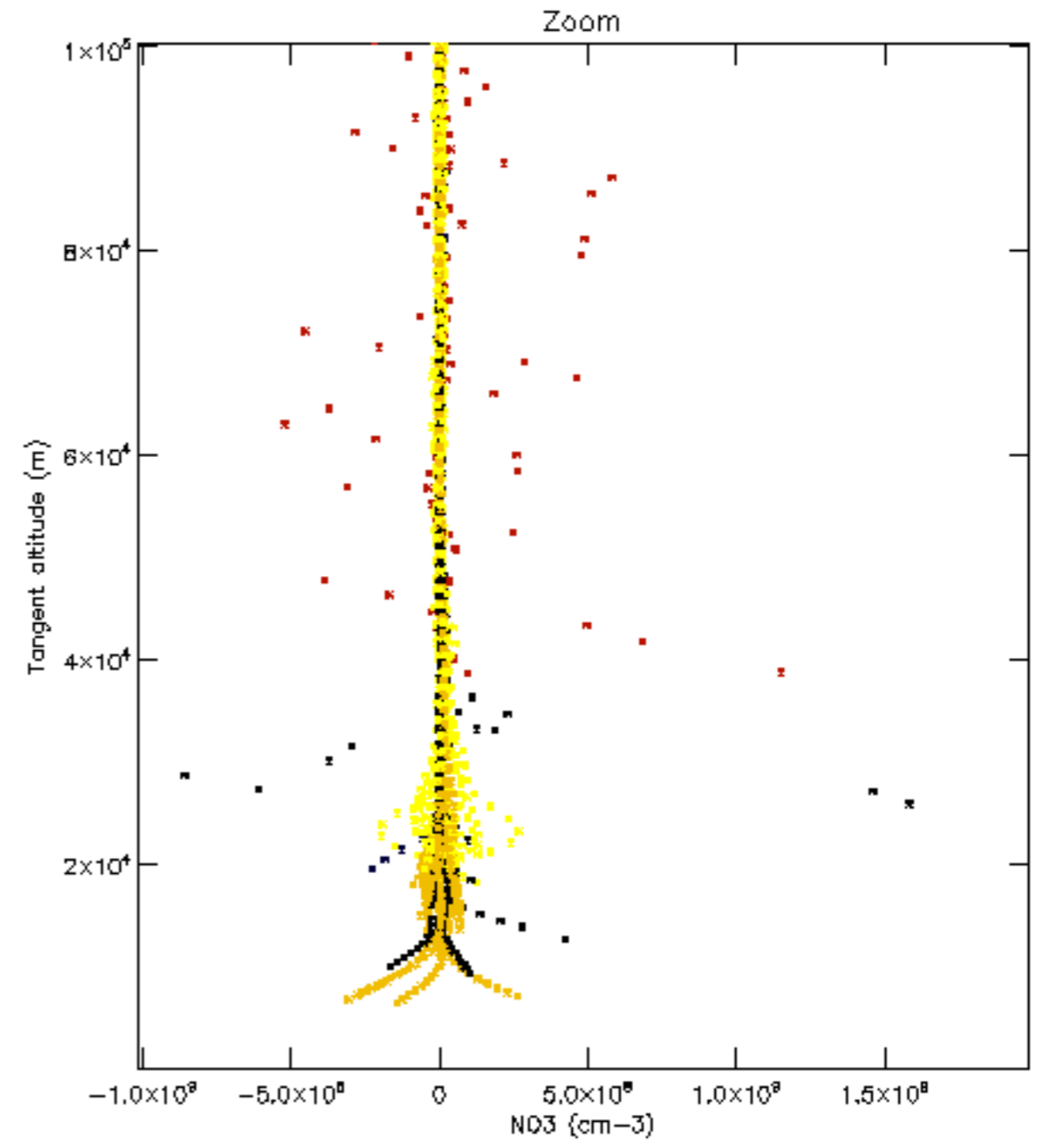
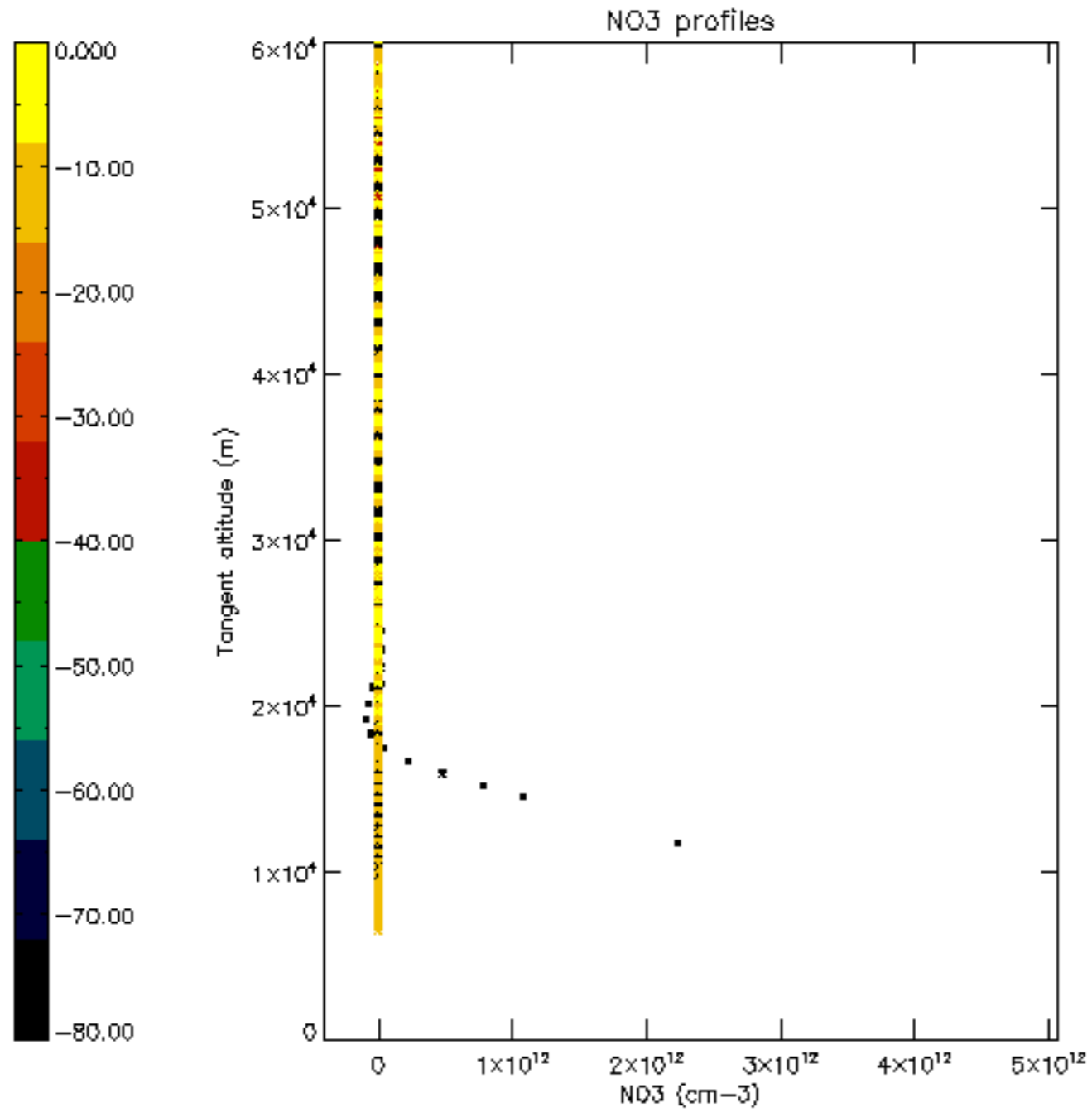


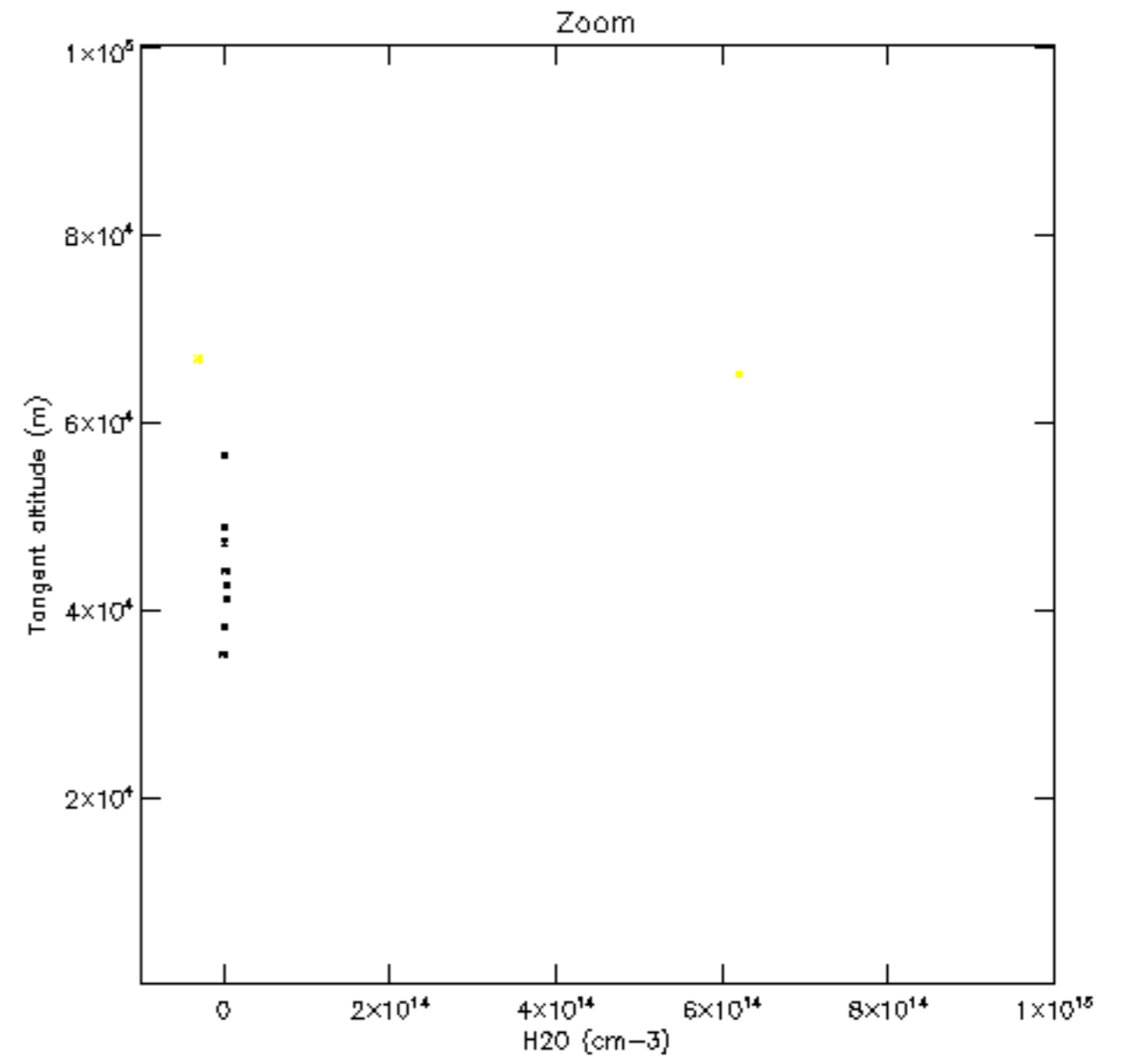
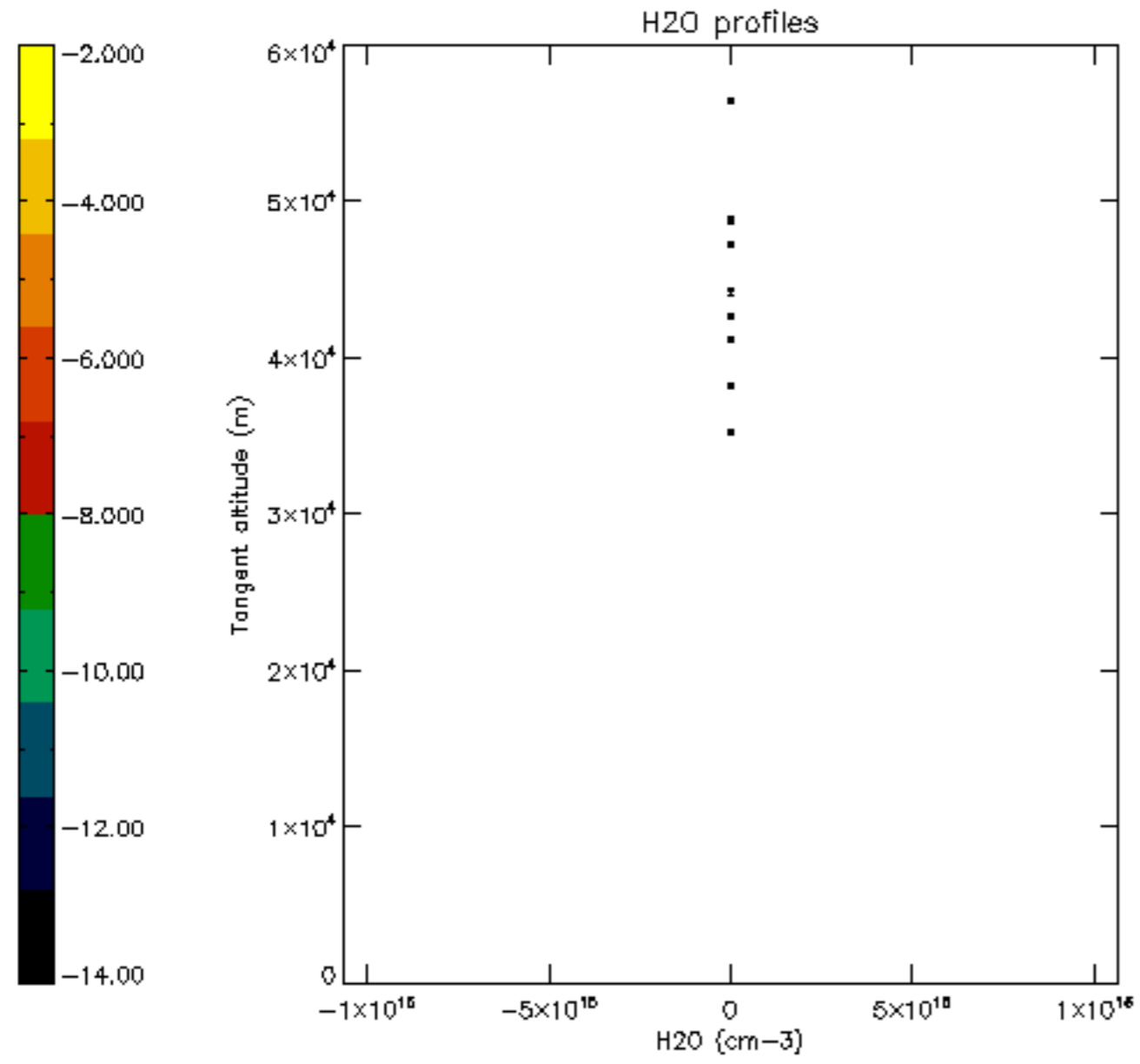


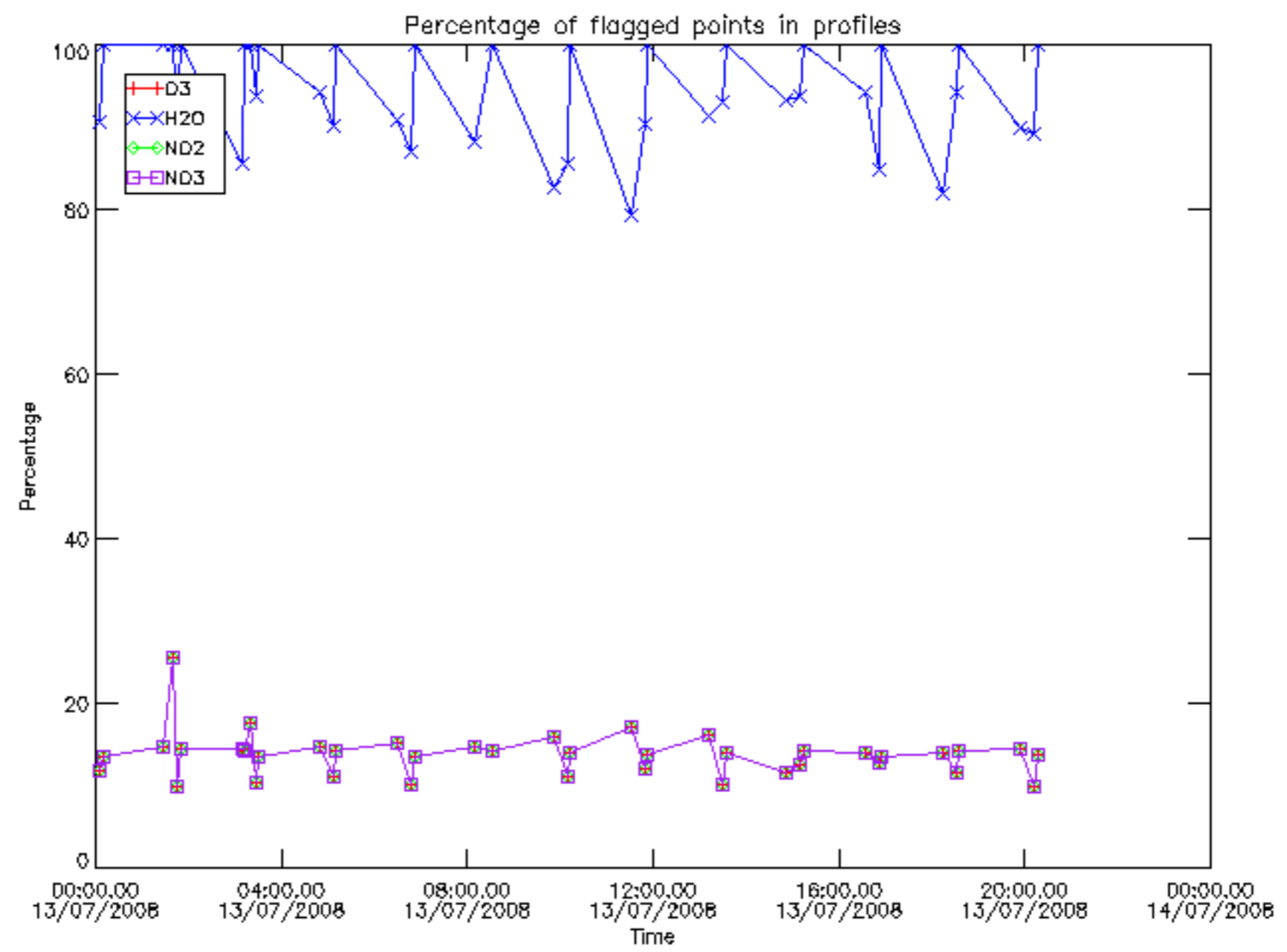




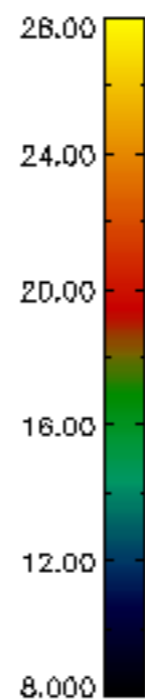
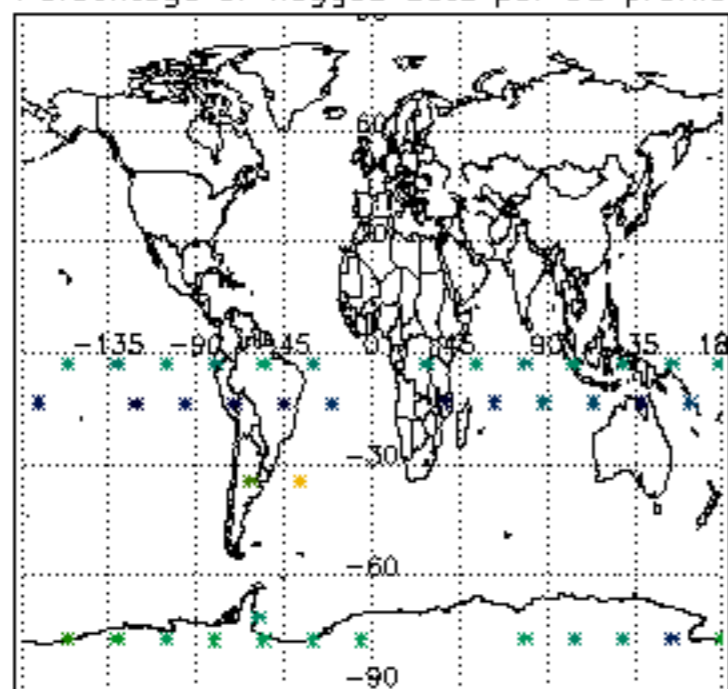




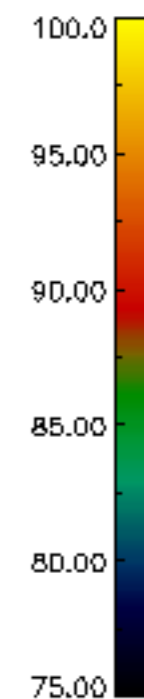
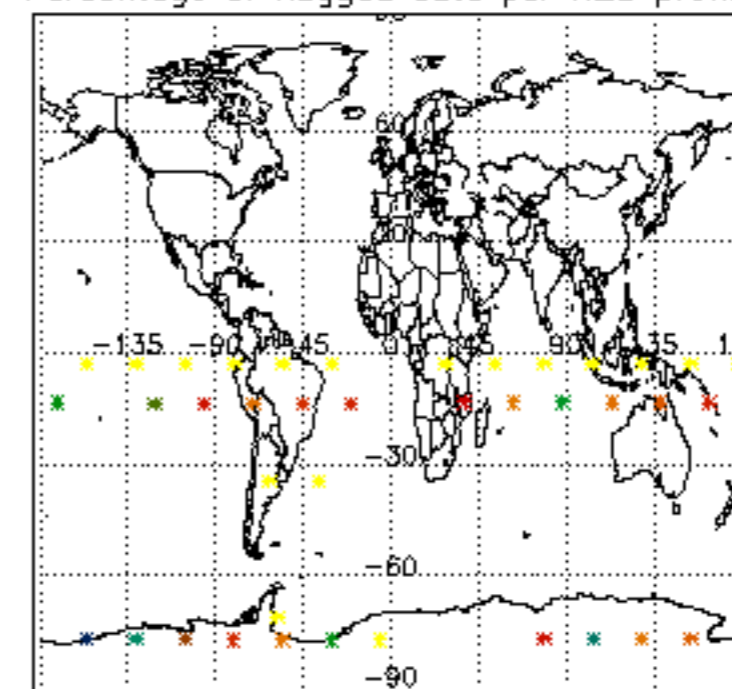




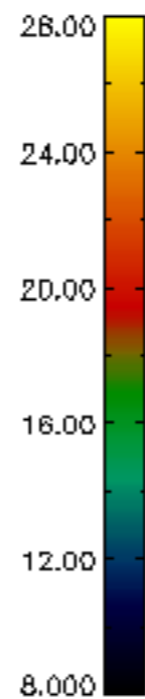
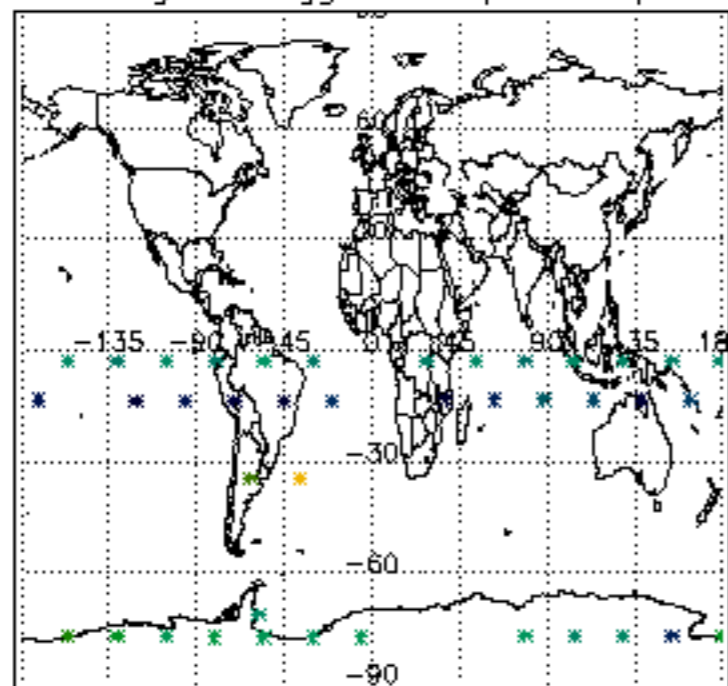
Percentage of flagged data per D3 profile



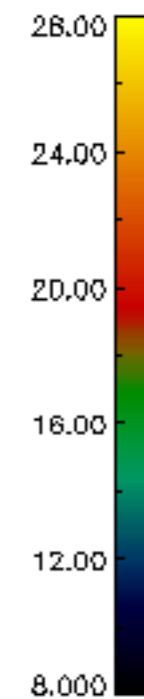
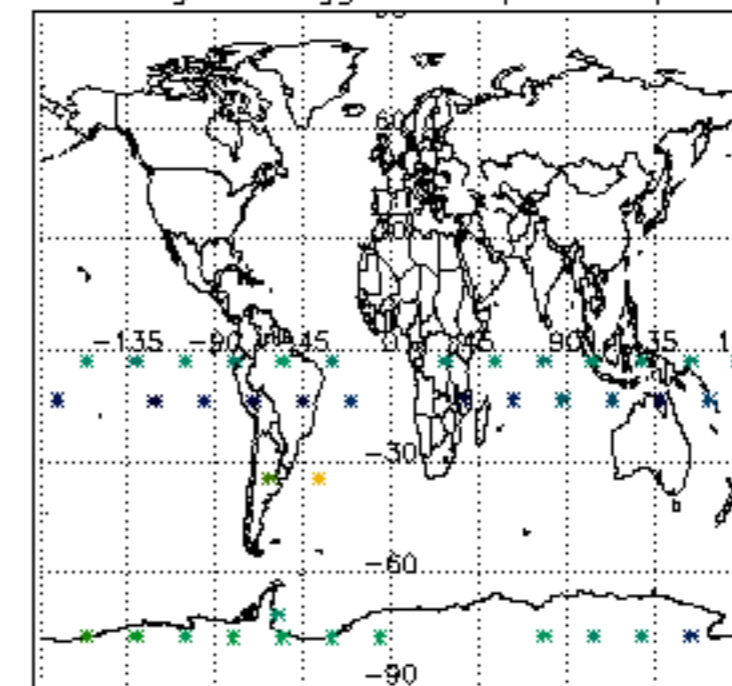
Percentage of flagged data per H2O profile

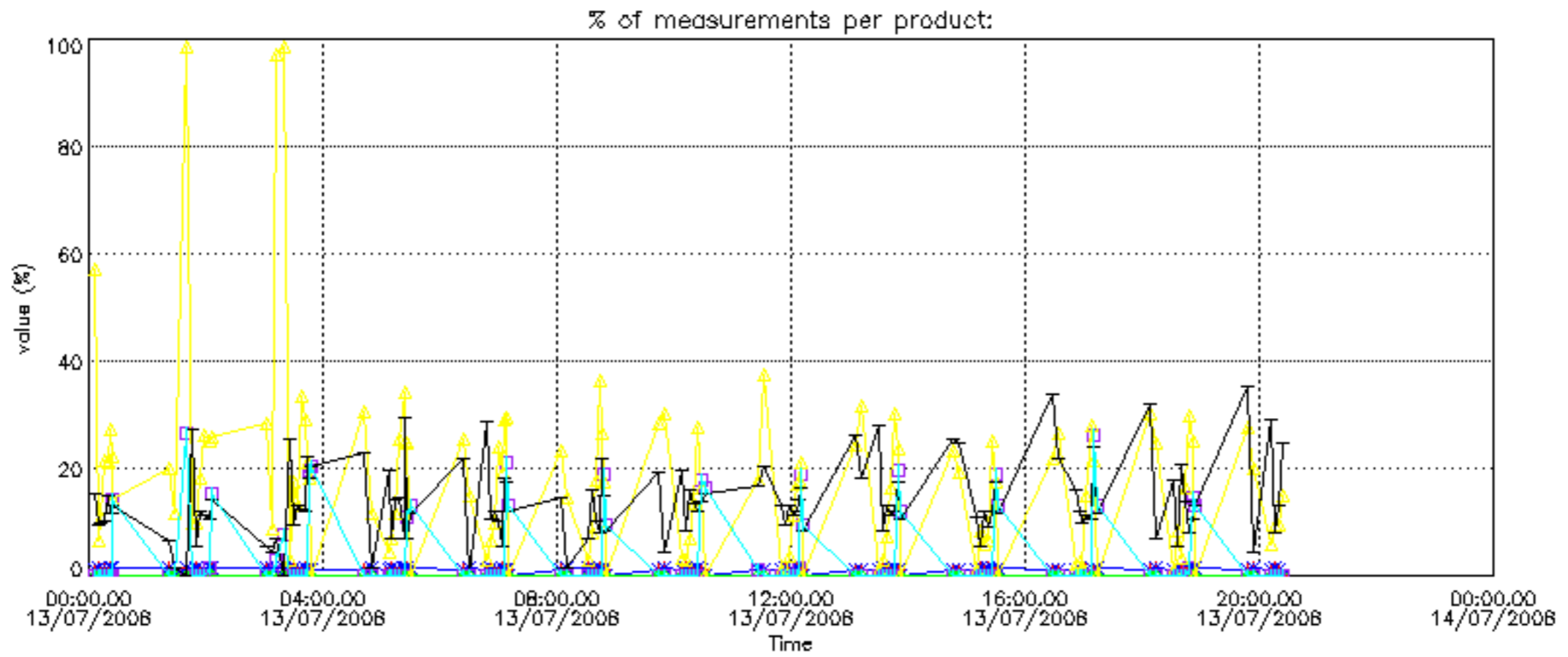


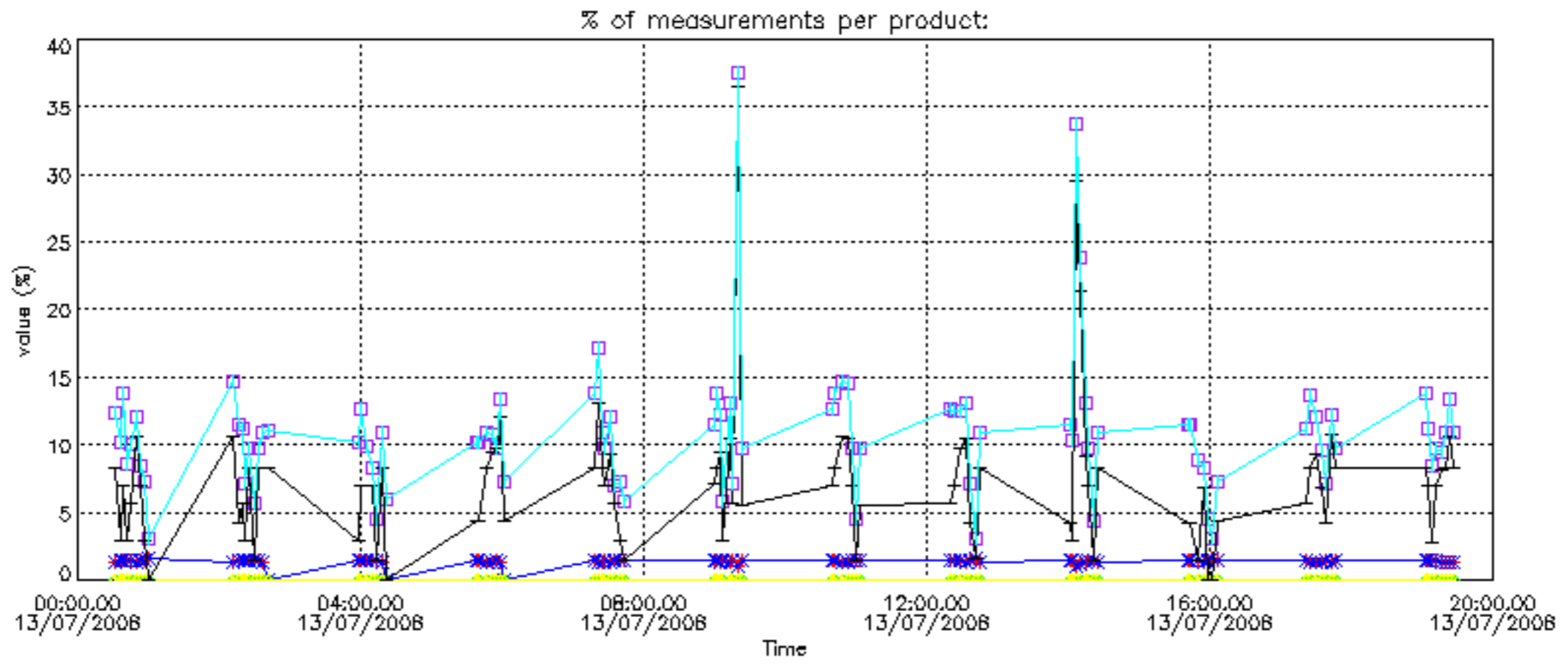
Percentage of flagged data per NO2 profile



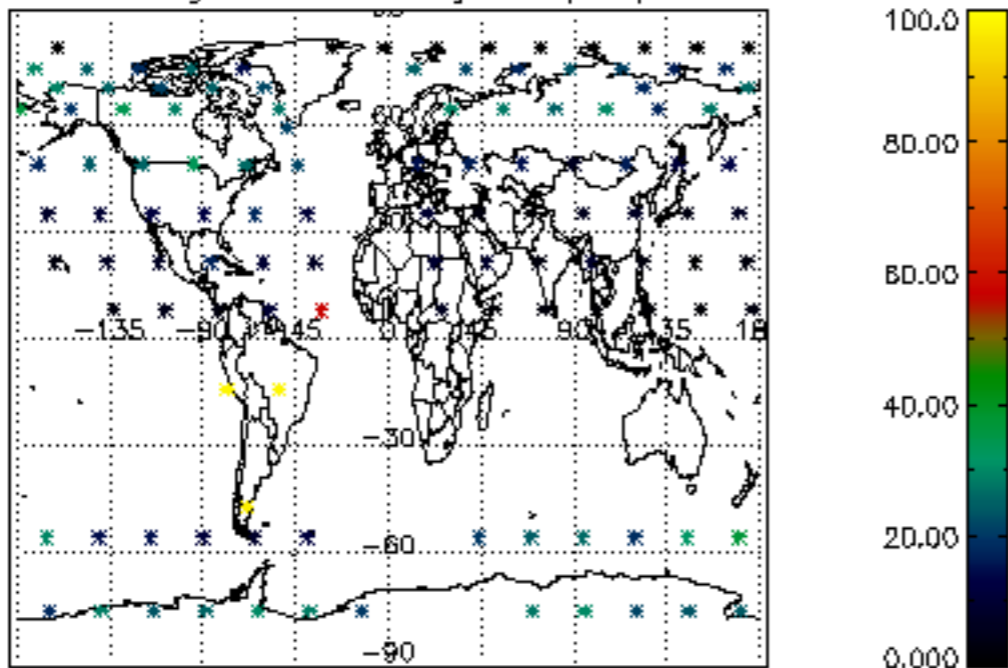
Percentage of flagged data per NO3 profile



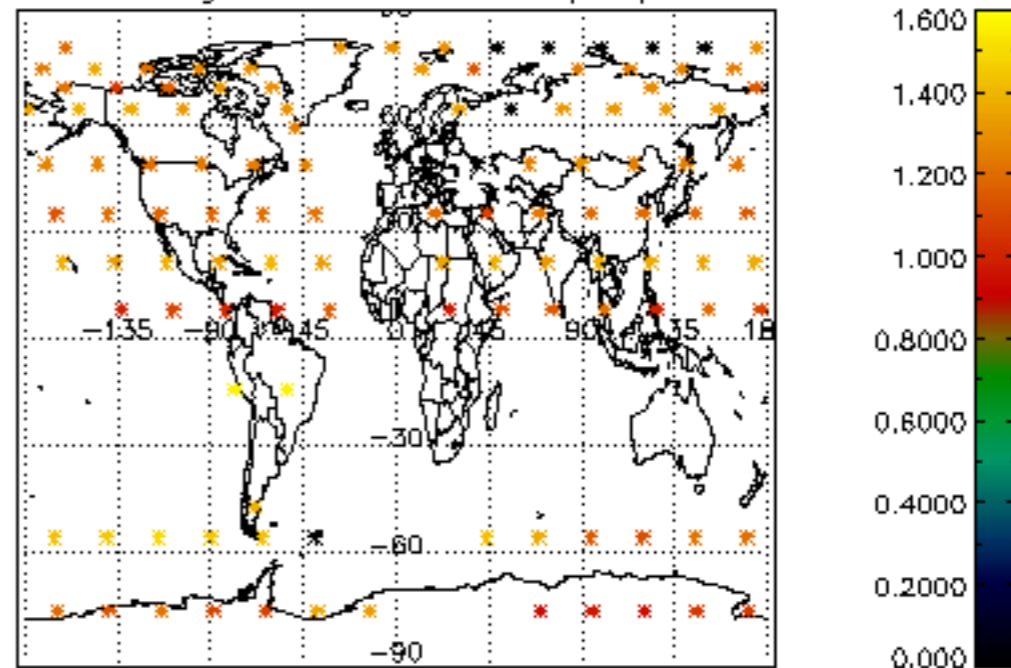




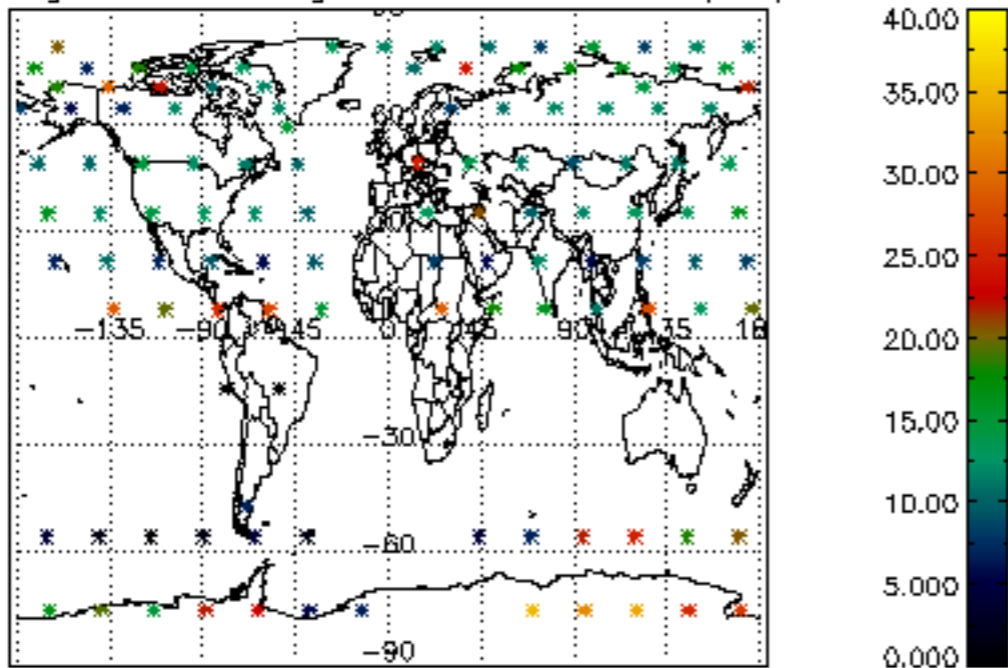
Percentage of cosmic ray hits per profile



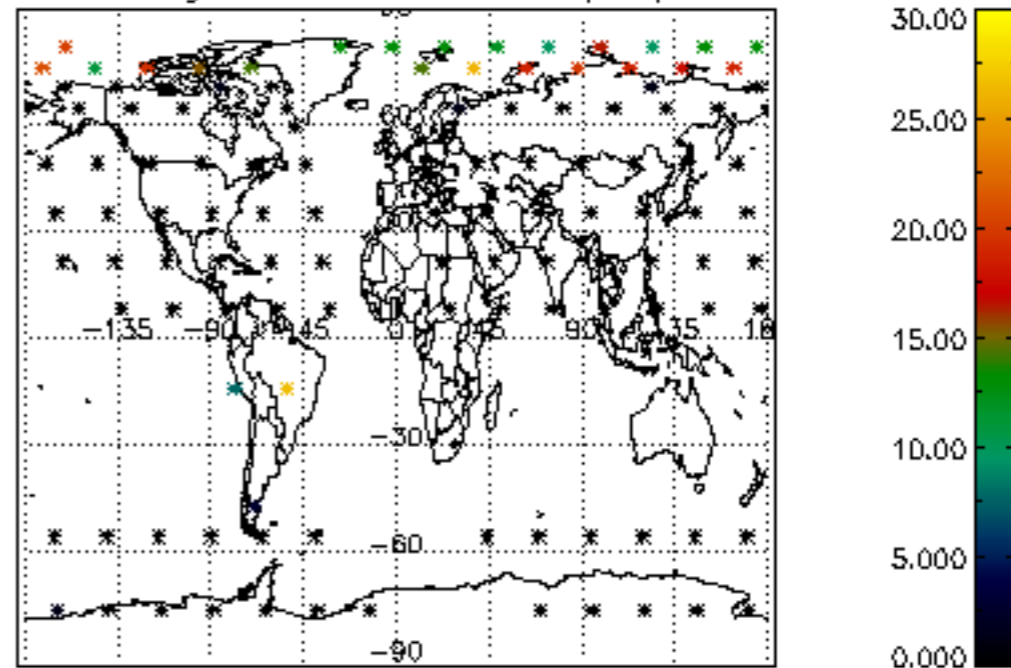
Percentage of datation errors per profile



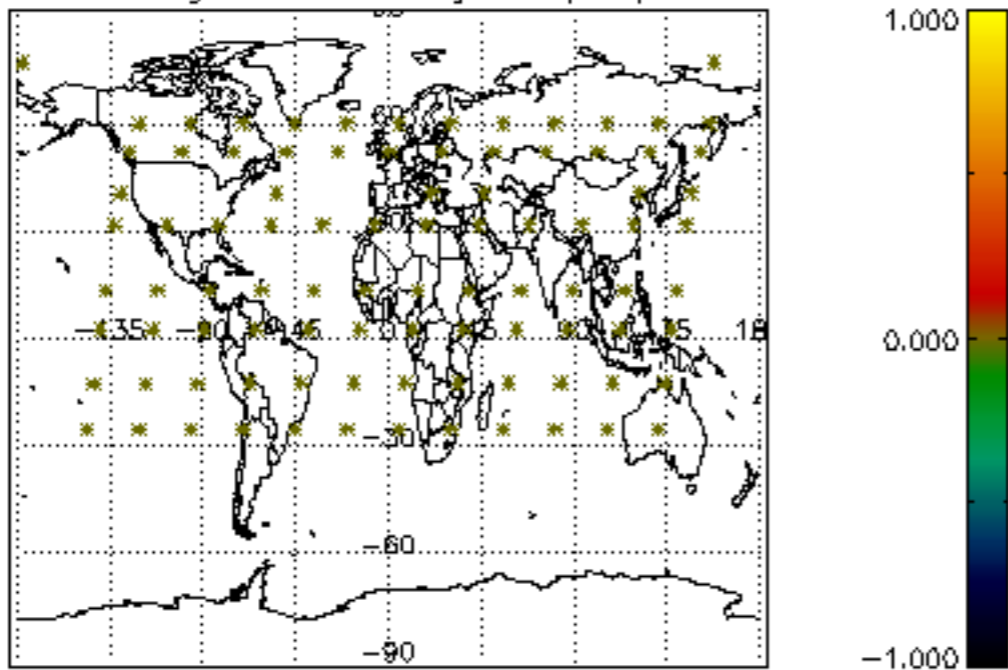
Percentage of star falling outside central band per profile



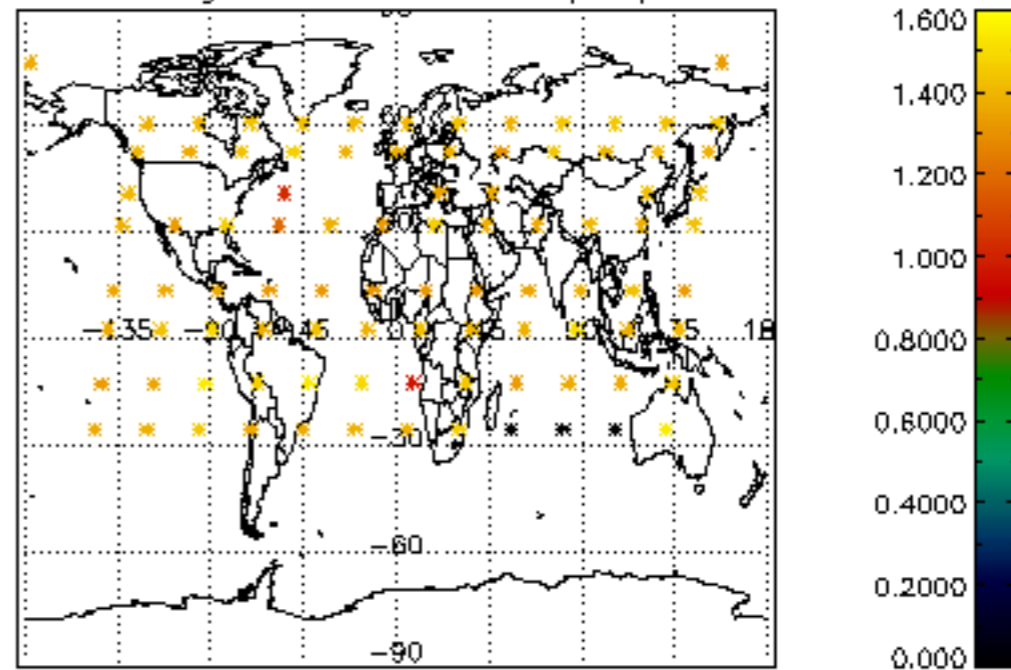
Percentage of saturation errors per profile



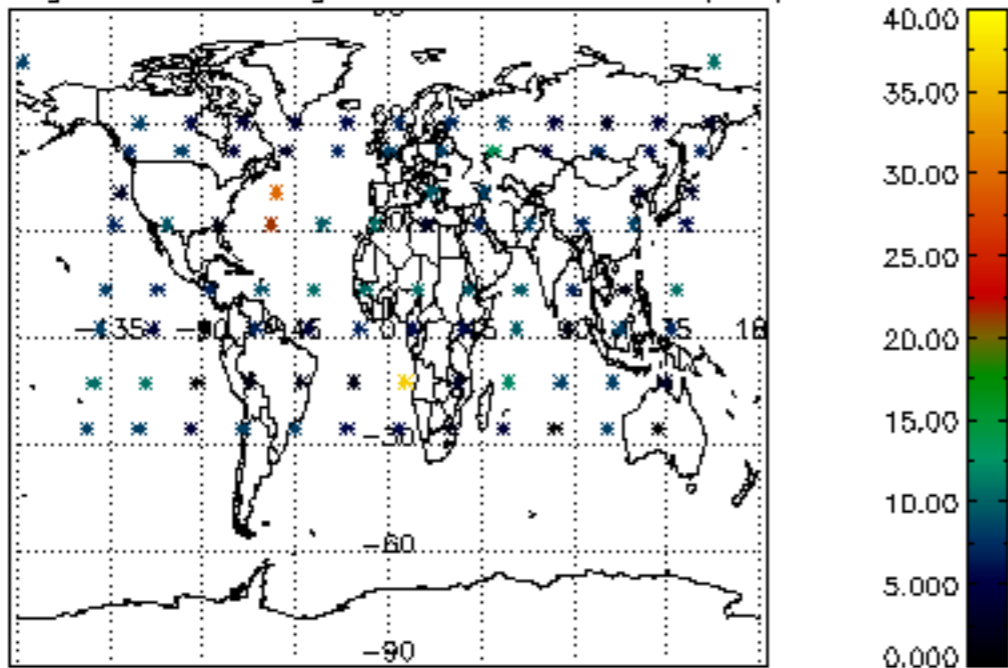
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

