

# 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 17:18:31
Data source version	GOMOS/6.01
Start time of products	11-07-2008 (11JUL2008 00:00:00)
Stop time of products	12-07-2008 (12JUL2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	232
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__2PRFIN20080711_000110_000000362070_00145_33265_6287.N1	11-JUL-2008 00:01:10	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	33265	No
2	GOM_NL__2PRFIN20080711_000655_000000342070_00145_33265_6288.N1	11-JUL-2008 00:06:55	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	33265	No
3	GOM_NL__2PRFIN20080711_001214_000000392070_00145_33265_6289.N1	11-JUL-2008 00:12:14	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	33265	No
4	GOM_NL__2PRFIN20080711_001511_000000342070_00145_33265_6290.N1	11-JUL-2008 00:15:11	Bright	34.000	119	14Eta Dra	2.7270	4700.0	68	33265	No
5	GOM_NL__2PRFIN20080711_001922_000000362070_00145_33265_6291.N1	11-JUL-2008 00:19:22	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	33265	No
6	GOM_NL__2PRFIN20080711_002310_000000352070_00145_33265_6292.N1	11-JUL-2008 00:23:10	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	33265	No
7	GOM_NL__2PRFIN20080711_010817_000000422070_00146_33266_6328.N1	11-JUL-2008 01:08:17	Dark	42.000	9	Alp Eri	0.45300	24000.	84	33266	No
8	GOM_NL__2PRFIN20080711_011212_000000372070_00146_33266_6329.N1	11-JUL-2008 01:12:12	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33266	No
9	GOM_NL__2PRFIN20080711_011551_000000312070_00146_33266_6330.N1	11-JUL-2008 01:15:51	Straylight	31.000	148	Alp Tuc	2.8780	4100.0	62	33266	No
10	GOM_NL__2PRFIN20080711_011954_000000402070_00146_33266_6331.N1	11-JUL-2008 01:19:54	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33266	No
11	GOM_NL__2PRFIN20080711_012257_000000402070_00146_33266_6332.N1	11-JUL-2008 01:22:57	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	33266	No
12	GOM_NL__2PRFIN20080711_012428_000000382070_00146_33266_6333.N1	11-JUL-2008 01:24:28	Twilight	38.000	147	Alp Ara	2.8770	26000.	76	33266	No
13	GOM_NL__2PRFIN20080711_012619_000000412070_00146_33266_6334.N1	11-JUL-2008 01:26:19	Twilight	40.500	40	The Sco	1.8590	7100.0	81	33266	No
14	GOM_NL__2PRFIN20080711_012759_000000392070_00146_33266_6335.N1	11-JUL-2008 01:27:59	Bright	38.500	25	35Lam Sco	1.6200	28000.	77	33266	No
15	GOM_NL__2PRFIN20080711_013038_000000402070_00146_33266_6336.N1	11-JUL-2008 01:30:38	Bright	39.500	137	22Lam Sgr	2.8240	4400.0	79	33266	No
16	GOM_NL__2PRFIN20080711_013409_000000372070_00146_33266_6337.N1	11-JUL-2008 01:34:09	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33266	No
17	GOM_NL__2PRFIN20080711_013929_000000362070_00146_33266_6338.N1	11-JUL-2008 01:39:29	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	33266	No
18	GOM_NL__2PRFIN20080711_014146_000000362070_00146_33266_6339.N1	11-JUL-2008 01:41:46	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	33266	No
19	GOM_NL__2PRFIN20080711_014731_000000362070_00146_33266_6340.N1	11-JUL-2008 01:47:31	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	33266	No
20	GOM_NL__2PRFIN20080711_015249_000000352070_00146_33266_6341.N1	11-JUL-2008 01:52:49	Bright	34.500	69	33Gam Dra	2.2310	3800.0	69	33266	No
21	GOM_NL__2PRFIN20080711_015547_000000352070_00146_33266_6342.N1	11-JUL-2008 01:55:47	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	33266	No
22	GOM_NL__2PRFIN20080711_015958_000000362070_00146_33266_6343.N1	11-JUL-2008 01:59:58	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	33266	No
23	GOM_NL__2PRFIN20080711_020346_000000342070_00146_33266_6344.N1	11-JUL-2008 02:03:46	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	33266	No
24	GOM_NL__2PRFIN20080711_024854_000000402070_00147_33267_6335.N1	11-JUL-2008 02:48:54	Dark	39.500	9	Alp Eri	0.45300	24000.	79	33267	No
25	GOM_NL__2PRFIN20080711_025249_000000382070_00147_33267_6336.N1	11-JUL-2008 02:52:49	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	33267	No
26	GOM_NL__2PRFIN20080711_025628_000000312070_00147_33267_6337.N1	11-JUL-2008 02:56:28	Straylight	31.000	148	Alp Tuc	2.8780	4100.0	62	33267	No
27	GOM_NL__2PRFIN20080711_030030_000000402070_00147_33267_6338.N1	11-JUL-2008 03:00:30	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	33267	No
28	GOM_NL__2PRFIN20080711_030656_000000392070_00147_33267_6339.N1	11-JUL-2008 03:06:56	Twilight	39.000	40	The Sco	1.8590	7100.0	78	33267	No
29	GOM_NL__2PRFIN20080711_030835_000000392070_00147_33267_6340.N1	11-JUL-2008 03:08:35	Bright	39.000	25	35Lam Sco	1.6200	28000.	78	33267	No
30	GOM_NL__2PRFIN20080711_031115_000000392070_00147_33267_6341.N1	11-JUL-2008 03:11:15	Bright	38.500	137	22Lam Sgr	2.8240	4400.0	77	33267	No
31	GOM_NL__2PRFIN20080711_032005_000000352070_00147_33267_6342.N1	11-JUL-2008 03:20:05	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	33267	No
32	GOM_NL__2PRFIN20080711_032222_000000352070_00147_33267_6343.N1	11-JUL-2008 03:22:22	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	33267	No
33	GOM_NL__2PRFIN20080711_032807_000000362070_00147_33267_6344.N1	11-JUL-2008 03:28:07	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	33267	No
34	GOM_NL__2PRFIN20080711_033325_000000352070_00147_33267_6345.N1	11-JUL-2008 03:33:25	Bright	34.500	69	33Gam Dra	2.2310	3800.0	69	33267	No
35	GOM_NL__2PRFIN20080711_033623_000000332070_00147_33267_6346.N1	11-JUL-2008 03:36:23	Bright	33.000	119	14Eta Dra	2.7270	4700.0	66	33267	No
36	GOM_NL__2PRFIN20080711_034034_000000342070_00147_33267_6347.N1	11-JUL-2008 03:40:34	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	33267	No
37	GOM_NL__2PRFIN20080711_034421_000000322070_00147_33267_6348.N1	11-JUL-2008 03:44:21	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	33267	No
38	GOM_NL__2PRFIN20080711_042319_000000422070_00147_33267_6349.N1	11-JUL-2008 04:23:19	Dark	41.500	157	The1Eri	2.9060	9300.0	83	33267	No
39	GOM_NL__2PRFIN20080711_042930_000000502070_00148_33268_6345.N1	11-JUL-2008 04:29:30	Dark	49.500	9	Alp Eri	0.45300	24000.	99	33268	No
40	GOM_NL__2PRFIN20080711_043325_000000372070_00148_33268_6346.N1	11-JUL-2008 04:33:25	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33268	No
41	GOM_NL__2PRFIN20080711_043704_000000322070_00148_33268_6347.N1	11-JUL-2008 04:37:04	Straylight	32.000	148	Alp Tuc	2.8780	4100.0	64	33268	No
42	GOM_NL__2PRFIN20080711_044106_000000392070_00148_33268_6348.N1	11-JUL-2008 04:41:06	Straylight	38.500	45	Alp Pav	1.9400	26000.	77	33268	No

43	GOM_NL__2PRFIN20080711_044541_000000372070_00148_33268_6349.N1	11-JUL-2008 04:45:41	Twilight	37.000	147	Alp Ara	2.8770	26000.	74	33268	No
44	GOM_NL__2PRFIN20080711_044732_000000372070_00148_33268_6350.N1	11-JUL-2008 04:47:32	Twilight	36.500	40	The Sco	1.8590	7100.0	73	33268	No
45	GOM_NL__2PRFIN20080711_044912_000000422070_00148_33268_6351.N1	11-JUL-2008 04:49:12	Bright	41.500	25	35Lam Sco	1.6200	28000.	83	33268	No
46	GOM_NL__2PRFIN20080711_045151_000000402070_00148_33268_6352.N1	11-JUL-2008 04:51:51	Bright	40.000	137	22Lam Sgr	2.8240	4400.0	80	33268	No
47	GOM_NL__2PRFIN20080711_045521_000000372070_00148_33268_6353.N1	11-JUL-2008 04:55:21	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	33268	No
48	GOM_NL__2PRFIN20080711_050041_000000362070_00148_33268_6354.N1	11-JUL-2008 05:00:41	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	33268	No
49	GOM_NL__2PRFIN20080711_050258_000000352070_00148_33268_6355.N1	11-JUL-2008 05:02:58	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	33268	No
50	GOM_NL__2PRFIN20080711_050843_000000362070_00148_33268_6356.N1	11-JUL-2008 05:08:43	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	33268	No
51	GOM_NL__2PRFIN20080711_051401_000000382070_00148_33268_6357.N1	11-JUL-2008 05:14:01	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	33268	No
52	GOM_NL__2PRFIN20080711_051659_000000332070_00148_33268_6358.N1	11-JUL-2008 05:16:59	Bright	32.500	119	14Eta Dra	2.7270	4700.0	65	33268	No
53	GOM_NL__2PRFIN20080711_052110_000000382070_00148_33268_6359.N1	11-JUL-2008 05:21:10	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	33268	No
54	GOM_NL__2PRFIN20080711_052457_000000352070_00148_33268_6360.N1	11-JUL-2008 05:24:57	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	33268	No
55	GOM_NL__2PRFIN20080711_060356_000000402070_00148_33268_6361.N1	11-JUL-2008 06:03:56	Dark	40.000	157	The1Eri	2.9060	9300.0	80	33268	No
56	GOM_NL__2PRFIN20080711_061007_000000442070_00149_33269_6352.N1	11-JUL-2008 06:10:07	Dark	43.500	9	Alp Eri	0.45300	24000.	87	33269	No
57	GOM_NL__2PRFIN20080711_061401_000000382070_00149_33269_6353.N1	11-JUL-2008 06:14:01	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	33269	No
58	GOM_NL__2PRFIN20080711_061741_000000322070_00149_33269_6354.N1	11-JUL-2008 06:17:41	Straylight	32.000	148	Alp Tuc	2.8780	4100.0	64	33269	No
59	GOM_NL__2PRFIN20080711_062143_000000412070_00149_33269_6355.N1	11-JUL-2008 06:21:43	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	33269	No
60	GOM_NL__2PRFIN20080711_062445_000000412070_00149_33269_6356.N1	11-JUL-2008 06:24:45	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	33269	No
61	GOM_NL__2PRFIN20080711_062617_000000392070_00149_33269_6357.N1	11-JUL-2008 06:26:17	Twilight	39.000	147	Alp Ara	2.8770	26000.	78	33269	No
62	GOM_NL__2PRFIN20080711_062808_000000432070_00149_33269_6358.N1	11-JUL-2008 06:28:08	Twilight	42.500	40	The Sco	1.8590	7100.0	85	33269	No
63	GOM_NL__2PRFIN20080711_062948_000000422070_00149_33269_6359.N1	11-JUL-2008 06:29:48	Bright	41.500	25	35Lam Sco	1.6200	28000.	83	33269	No
64	GOM_NL__2PRFIN20080711_063227_000000402070_00149_33269_6360.N1	11-JUL-2008 06:32:27	Bright	40.000	137	22Lam Sgr	2.8240	4400.0	80	33269	No
65	GOM_NL__2PRFIN20080711_063557_000000352070_00149_33269_6361.N1	11-JUL-2008 06:35:57	Bright	35.000	86	35Eta Oph	2.4300	10200.	70	33269	No
66	GOM_NL__2PRFIN20080711_064117_000000362070_00149_33269_6362.N1	11-JUL-2008 06:41:17	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	33269	No
67	GOM_NL__2PRFIN20080711_064335_000000352070_00149_33269_6363.N1	11-JUL-2008 06:43:35	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	33269	No
68	GOM_NL__2PRFIN20080711_064920_000000362070_00149_33269_6364.N1	11-JUL-2008 06:49:20	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	33269	No
69	GOM_NL__2PRFIN20080711_065437_000000382070_00149_33269_6365.N1	11-JUL-2008 06:54:37	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	33269	No
70	GOM_NL__2PRFIN20080711_065735_000000362070_00149_33269_6366.N1	11-JUL-2008 06:57:35	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33269	No
71	GOM_NL__2PRFIN20080711_070146_000000352070_00149_33269_6367.N1	11-JUL-2008 07:01:46	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	33269	No
72	GOM_NL__2PRFIN20080711_070533_000000362070_00149_33269_6368.N1	11-JUL-2008 07:05:33	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33269	No
73	GOM_NL__2PRFIN20080711_074432_000000402070_00149_33269_6369.N1	11-JUL-2008 07:44:32	Dark	40.000	157	The1Eri	2.9060	9300.0	80	33269	No
74	GOM_NL__2PRFIN20080711_075044_000000532070_00150_33270_6378.N1	11-JUL-2008 07:50:44	Dark	53.000	9	Alp Eri	0.45300	24000.	106	33270	No
75	GOM_NL__2PRFIN20080711_075437_000000362070_00150_33270_6379.N1	11-JUL-2008 07:54:37	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	33270	No
76	GOM_NL__2PRFIN20080711_075817_000000342070_00150_33270_6380.N1	11-JUL-2008 07:58:17	Straylight	34.000	148	Alp Tuc	2.8780	4100.0	68	33270	No
77	GOM_NL__2PRFIN20080711_080219_000000412070_00150_33270_6381.N1	11-JUL-2008 08:02:19	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	33270	No
78	GOM_NL__2PRFIN20080711_080653_000000392070_00150_33270_6382.N1	11-JUL-2008 08:06:53	Twilight	38.500	147	Alp Ara	2.8770	26000.	77	33270	No
79	GOM_NL__2PRFIN20080711_080844_000000422070_00150_33270_6383.N1	11-JUL-2008 08:08:44	Twilight	42.000	40	The Sco	1.8590	7100.0	84	33270	No
80	GOM_NL__2PRFIN20080711_081024_000000392070_00150_33270_6384.N1	11-JUL-2008 08:10:24	Bright	38.500	25	35Lam Sco	1.6200	28000.	77	33270	No
81	GOM_NL__2PRFIN20080711_081303_000000392070_00150_33270_6385.N1	11-JUL-2008 08:13:03	Bright	39.000	137	22Lam Sgr	2.8240	4400.0	78	33270	No
82	GOM_NL__2PRFIN20080711_081634_000000372070_00150_33270_6386.N1	11-JUL-2008 08:16:34	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33270	No
83	GOM_NL__2PRFIN20080711_082153_000000352070_00150_33270_6387.N1	11-JUL-2008 08:21:53	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	33270	No
84	GOM_NL__2PRFIN20080711_082411_000000372070_00150_33270_6388.N1	11-JUL-2008 08:24:11	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	33270	No
85	GOM_NL__2PRFIN20080711_082956_000000342070_00150_33270_6389.N1	11-JUL-2008 08:29:56	Bright	33.500	133	40Zet Her	2.8070	6000.0	67	33270	No
86	GOM_NL__2PRFIN20080711_083513_000000392070_00150_33270_6390.N1	11-JUL-2008 08:35:13	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	33270	No
87	GOM_NL__2PRFIN20080711_083811_000000362070_00150_33270_6391.N1	11-JUL-2008 08:38:11	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33270	No
88	GOM_NL__2PRFIN20080711_084222_000000342070_00150_33270_6392.N1	11-JUL-2008 08:42:22	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	33270	No
89	GOM_NL__2PRFIN20080711_084609_000000362070_00150_33270_6393.N1	11-JUL-2008 08:46:09	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33270	No
90	GOM_NL__2PRFIN20080711_092509_000000412070_00150_33270_6394.N1	11-JUL-2008 09:25:09	Dark	41.000	157	The1Eri	2.9060	9300.0	82	33270	No
91	GOM_NL__2PRFIN20080711_093120_000000442070_00151_33271_6404.N1	11-JUL-2008 09:31:20	Dark	44.000	9	Alp Eri	0.45300	24000.	88	33271	No
92	GOM_NL__2PRFIN20080711_093513_000000372070_00151_33271_6405.N1	11-JUL-2008 09:35:13	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33271	No
93	GOM_NL__2PRFIN20080711_093854_000000342070_00151_33271_6406.N1	11-JUL-2008 09:38:54	Straylight	34.000	148	Alp Tuc	2.8780	4100.0	68	33271	No
94	GOM_NL__2PRFIN20080711_094255_000000402070_00151_33271_6407.N1	11-JUL-2008 09:42:55	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	33271	No
95	GOM_NL__2PRFIN20080711_094729_000000382070_00151_33271_6408.N1	11-JUL-2008 09:47:29	Twilight	37.500	147	Alp Ara	2.8770	26000.	75	33271	No
96	GOM_NL__2PRFIN20080711_094920_000000422070_00151_33271_6409.N1	11-JUL-2008 09:49:20	Twilight	41.500	40	The Sco	1.8590	7100.0	83	33271	No
97	GOM_NL__2PRFIN20080711_095100_000000472070_00151_33271_6410.N1	11-JUL-2008 09:51:00	Bright	47.000	25	35Lam Sco	1.6200	28000.	94	33271	No
98	GOM_NL__2PRFIN20080711_095339_000000392070_00151_33271_6411.N1	11-JUL-2008 09:53:39	Bright	39.000	137	22Lam Sgr	2.8240	4400.0	78	33271	No
99	GOM_NL__2PRFIN20080711_095710_000000362070_00151_33271_6412.N1	11-JUL-2008 09:57:10	Bright	35.500	86	35Eta Oph	2.4300	10200.	71	33271	No
100	GOM_NL__2PRFIN20080711_100229_000000352070_00151_33271_6413.N1	11-JUL-2008 10:02:29	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	33271	No
101	GOM_NL__2PRFIN20080711_100447_000000382070_00151_33271_6414.N1	11-JUL-2008 10:04:47	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	33271	No

102	GOM_NL__2PRFIN20080711_101549_000000382070_00151_33271_6415.N1	11-JUL-2008 10:15:49	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	33271	No
103	GOM_NL__2PRFIN20080711_101847_000000362070_00151_33271_6416.N1	11-JUL-2008 10:18:47	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33271	No
104	GOM_NL__2PRFIN20080711_102258_000000372070_00151_33271_6417.N1	11-JUL-2008 10:22:58	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	33271	No
105	GOM_NL__2PRFIN20080711_102645_000000362070_00151_33271_6418.N1	11-JUL-2008 10:26:45	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33271	No
106	GOM_NL__2PRFIN20080711_105408_000000422070_00151_33271_6419.N1	11-JUL-2008 10:54:08	Dark	42.000	7	19Bet Ori	0.10000	14000.	84	33271	No
107	GOM_NL__2PRFIN20080711_110545_000000412070_00151_33271_6420.N1	11-JUL-2008 11:05:45	Dark	41.000	157	The1Eri	2.9060	9300.0	82	33271	No
108	GOM_NL__2PRFIN20080711_111156_000000462070_00152_33272_6415.N1	11-JUL-2008 11:11:56	Dark	45.500	9	Alp Eri	0.45300	24000.	91	33272	No
109	GOM_NL__2PRFIN20080711_111549_000000372070_00152_33272_6416.N1	11-JUL-2008 11:15:49	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33272	No
110	GOM_NL__2PRFIN20080711_111930_000000352070_00152_33272_6417.N1	11-JUL-2008 11:19:30	Straylight	35.000	148	Alp Tuc	2.8780	4100.0	70	33272	No
111	GOM_NL__2PRFIN20080711_112332_000000402070_00152_33272_6418.N1	11-JUL-2008 11:23:32	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33272	No
112	GOM_NL__2PRFIN20080711_112805_000000382070_00152_33272_6419.N1	11-JUL-2008 11:28:05	Tw_i_and_stray	38.000	147	Alp Ara	2.8770	26000.	76	33272	No
113	GOM_NL__2PRFIN20080711_112956_000000412070_00152_33272_6420.N1	11-JUL-2008 11:29:56	Tw_i_and_stray	40.500	40	The Sco	1.8590	7100.0	81	33272	No
114	GOM_NL__2PRFIN20080711_113136_000000422070_00152_33272_6421.N1	11-JUL-2008 11:31:36	Bright	42.000	25	35Lam Sco	1.6200	28000.	84	33272	No
115	GOM_NL__2PRFIN20080711_113415_000000372070_00152_33272_6422.N1	11-JUL-2008 11:34:15	Bright	36.500	137	22Lam Sgr	2.8240	4400.0	73	33272	No
116	GOM_NL__2PRFIN20080711_113746_000000372070_00152_33272_6423.N1	11-JUL-2008 11:37:46	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33272	No
117	GOM_NL__2PRFIN20080711_114305_000000362070_00152_33272_6424.N1	11-JUL-2008 11:43:05	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	33272	No
118	GOM_NL__2PRFIN20080711_114523_000000362070_00152_33272_6425.N1	11-JUL-2008 11:45:23	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	33272	No
119	GOM_NL__2PRFIN20080711_115108_000000362070_00152_33272_6426.N1	11-JUL-2008 11:51:08	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	33272	No
120	GOM_NL__2PRFIN20080711_115624_000000352070_00152_33272_6427.N1	11-JUL-2008 11:56:24	Bright	35.000	69	33Gam Dra	2.2310	3800.0	70	33272	No
121	GOM_NL__2PRFIN20080711_115923_000000362070_00152_33272_6428.N1	11-JUL-2008 11:59:23	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	33272	No
122	GOM_NL__2PRFIN20080711_120335_000000352070_00152_33272_6429.N1	11-JUL-2008 12:03:35	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	33272	No
123	GOM_NL__2PRFIN20080711_120721_000000372070_00152_33272_6430.N1	11-JUL-2008 12:07:21	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33272	No
124	GOM_NL__2PRFIN20080711_124622_000000422070_00152_33272_6431.N1	11-JUL-2008 12:46:22	Dark	41.500	157	The1Eri	2.9060	9300.0	83	33272	No
125	GOM_NL__2PRFIN20080711_125233_000000412070_00153_33273_6435.N1	11-JUL-2008 12:52:33	Dark	41.000	9	Alp Eri	0.45300	24000.	82	33273	No
126	GOM_NL__2PRFIN20080711_125626_000000362070_00153_33273_6436.N1	11-JUL-2008 12:56:26	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	33273	No
127	GOM_NL__2PRFIN20080711_130007_000000352070_00153_33273_6437.N1	11-JUL-2008 13:00:07	Straylight	35.000	148	Alp Tuc	2.8780	4100.0	70	33273	No
128	GOM_NL__2PRFIN20080711_130408_000000402070_00153_33273_6438.N1	11-JUL-2008 13:04:08	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33273	No
129	GOM_NL__2PRFIN20080711_130841_000000382070_00153_33273_6439.N1	11-JUL-2008 13:08:41	Tw_i_and_stray	38.000	147	Alp Ara	2.8770	26000.	76	33273	No
130	GOM_NL__2PRFIN20080711_131032_000000402070_00153_33273_6440.N1	11-JUL-2008 13:10:32	Tw_i_and_stray	40.000	40	The Sco	1.8590	7100.0	80	33273	No
131	GOM_NL__2PRFIN20080711_131212_000000392070_00153_33273_6441.N1	11-JUL-2008 13:12:12	Bright	38.500	25	35Lam Sco	1.6200	28000.	77	33273	No
132	GOM_NL__2PRFIN20080711_131451_000000382070_00153_33273_6442.N1	11-JUL-2008 13:14:51	Bright	37.500	137	22Lam Sgr	2.8240	4400.0	75	33273	No
133	GOM_NL__2PRFIN20080711_131822_000000362070_00153_33273_6443.N1	11-JUL-2008 13:18:22	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33273	No
134	GOM_NL__2PRFIN20080711_132341_000000362070_00153_33273_6444.N1	11-JUL-2008 13:23:41	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	33273	No
135	GOM_NL__2PRFIN20080711_132558_000000352070_00153_33273_6445.N1	11-JUL-2008 13:25:58	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	33273	No
136	GOM_NL__2PRFIN20080711_132911_000000352070_00153_33273_6446.N1	11-JUL-2008 13:29:11	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	33273	No
137	GOM_NL__2PRFIN20080711_133144_000000362070_00153_33273_6447.N1	11-JUL-2008 13:31:44	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	33273	No
138	GOM_NL__2PRFIN20080711_133700_000000412070_00153_33273_6448.N1	11-JUL-2008 13:37:00	Bright	40.500	69	33Gam Dra	2.2310	3800.0	81	33273	No
139	GOM_NL__2PRFIN20080711_134000_000000372070_00153_33273_6449.N1	11-JUL-2008 13:40:00	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	33273	No
140	GOM_NL__2PRFIN20080711_134411_000000352070_00153_33273_6450.N1	11-JUL-2008 13:44:11	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	33273	No
141	GOM_NL__2PRFIN20080711_134757_000000332070_00153_33273_6451.N1	11-JUL-2008 13:47:57	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	33273	No
142	GOM_NL__2PRFIN20080711_142658_000000412070_00153_33273_6452.N1	11-JUL-2008 14:26:58	Dark	41.000	157	The1Eri	2.9060	9300.0	82	33273	No
143	GOM_NL__2PRFIN20080711_143309_000000422070_00154_33274_6442.N1	11-JUL-2008 14:33:09	Dark	42.000	9	Alp Eri	0.45300	24000.	84	33274	No
144	GOM_NL__2PRFIN20080711_143702_000000382070_00154_33274_6443.N1	11-JUL-2008 14:37:02	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	33274	No
145	GOM_NL__2PRFIN20080711_144043_000000362070_00154_33274_6444.N1	11-JUL-2008 14:40:43	Straylight	36.000	148	Alp Tuc	2.8780	4100.0	72	33274	No
146	GOM_NL__2PRFIN20080711_144444_000000402070_00154_33274_6445.N1	11-JUL-2008 14:44:44	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33274	No
147	GOM_NL__2PRFIN20080711_144917_000000372070_00154_33274_6446.N1	11-JUL-2008 14:49:17	Tw_i_and_stray	36.500	147	Alp Ara	2.8770	26000.	73	33274	No
148	GOM_NL__2PRFIN20080711_145108_000000422070_00154_33274_6447.N1	11-JUL-2008 14:51:08	Tw_i_and_stray	41.500	40	The Sco	1.8590	7100.0	83	33274	No
149	GOM_NL__2PRFIN20080711_145248_000000412070_00154_33274_6448.N1	11-JUL-2008 14:52:48	Bright	40.500	25	35Lam Sco	1.6200	28000.	81	33274	No
150	GOM_NL__2PRFIN20080711_145418_000000382070_00154_33274_6449.N1	11-JUL-2008 14:54:18	Bright	38.000	116	19Del Sgr	2.7000	4100.0	76	33274	No
151	GOM_NL__2PRFIN20080711_145527_000000382070_00154_33274_6450.N1	11-JUL-2008 14:55:27	Bright	38.000	137	22Lam Sgr	2.8240	4400.0	76	33274	No
152	GOM_NL__2PRFIN20080711_145858_000000372070_00154_33274_6451.N1	11-JUL-2008 14:58:58	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	33274	No
153	GOM_NL__2PRFIN20080711_150417_000000352070_00154_33274_6452.N1	11-JUL-2008 15:04:17	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	33274	No
154	GOM_NL__2PRFIN20080711_150635_000000342070_00154_33274_6453.N1	11-JUL-2008 15:06:35	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	33274	No
155	GOM_NL__2PRFIN20080711_151736_000000382070_00154_33274_6454.N1	11-JUL-2008 15:17:36	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	33274	No
156	GOM_NL__2PRFIN20080711_152036_000000362070_00154_33274_6455.N1	11-JUL-2008 15:20:36	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	33274	No
157	GOM_NL__2PRFIN20080711_152447_000000332070_00154_33274_6456.N1	11-JUL-2008 15:24:47	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	33274	No
158	GOM_NL__2PRFIN20080711_152833_000000372070_00154_33274_6457.N1	11-JUL-2008 15:28:33	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33274	No
159	GOM_NL__2PRFIN20080711_160735_000000422070_00154_33274_6458.N1	11-JUL-2008 16:07:35	Dark	41.500	157	The1Eri	2.9060	9300.0	83	33274	No
160	GOM_NL__2PRFIN20080711_161346_000000432070_00155_33275_6449.N1	11-JUL-2008 16:13:46	Dark	42.500	9	Alp Eri	0.45300	24000.	85	33275	No



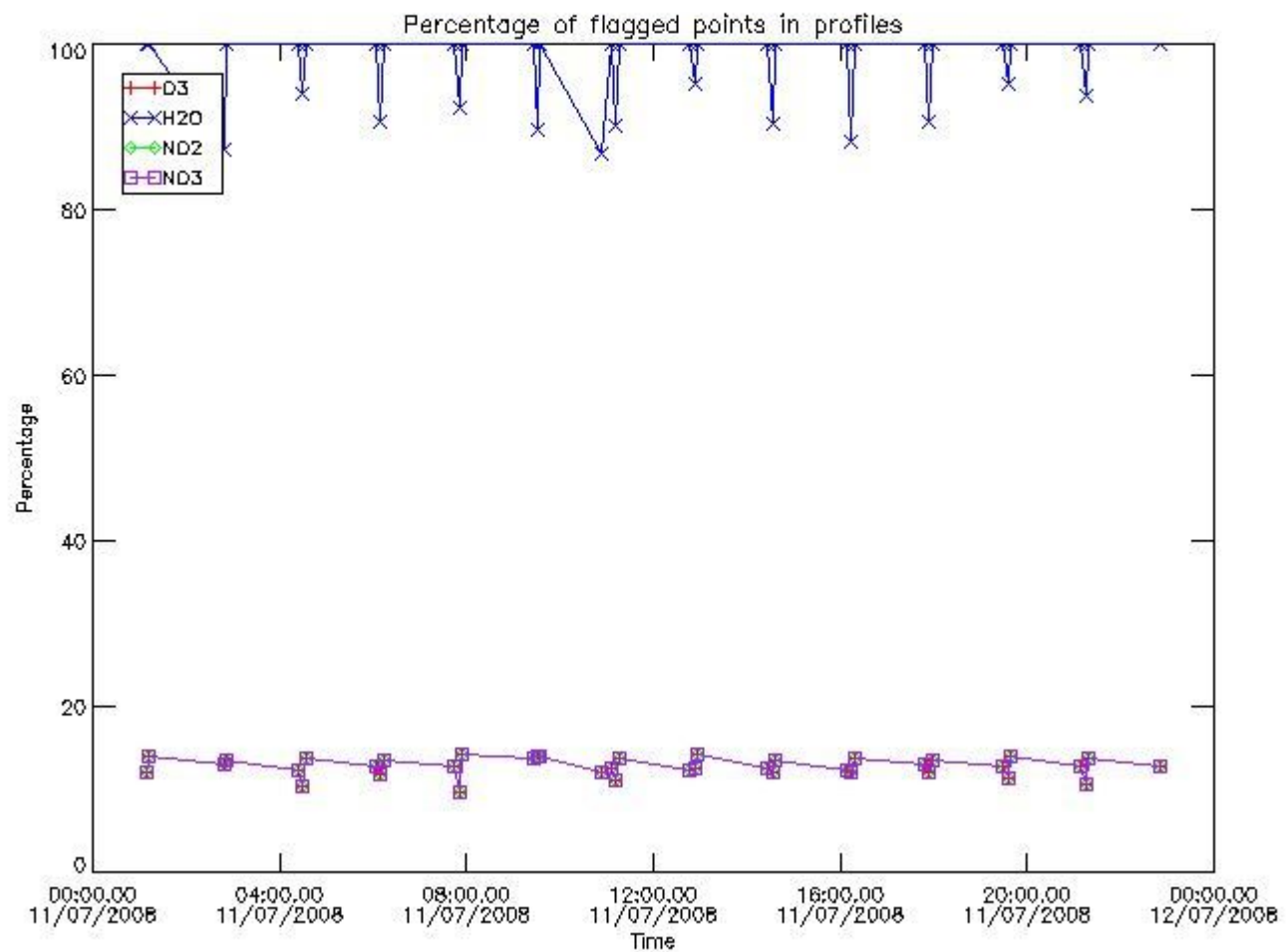
161	GOM_NL__2PRFIN20080711_161738_000000372070_00155_33275_6450.N1	11-JUL-2008 16:17:38	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33275	No
162	GOM_NL__2PRFIN20080711_162120_000000362070_00155_33275_6451.N1	11-JUL-2008 16:21:20	Straylight	36.000	148	Alp Tuc	2.8780	4100.0	72	33275	No
163	GOM_NL__2PRFIN20080711_162521_000000402070_00155_33275_6452.N1	11-JUL-2008 16:25:21	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33275	No
164	GOM_NL__2PRFIN20080711_162953_000000372070_00155_33275_6453.N1	11-JUL-2008 16:29:53	Twi_and_stray	37.000	147	Alp Ara	2.8770	26000.	74	33275	No
165	GOM_NL__2PRFIN20080711_163324_000000412070_00155_33275_6454.N1	11-JUL-2008 16:33:24	Bright	41.000	25	35Lam Sco	1.6200	28000.	82	33275	No
166	GOM_NL__2PRFIN20080711_163454_000000402070_00155_33275_6455.N1	11-JUL-2008 16:34:54	Bright	40.000	116	19Del Sgr	2.7000	4100.0	80	33275	No
167	GOM_NL__2PRFIN20080711_163604_000000382070_00155_33275_6456.N1	11-JUL-2008 16:36:04	Bright	38.000	137	22Lam Sgr	2.8240	4400.0	76	33275	No
168	GOM_NL__2PRFIN20080711_163934_000000372070_00155_33275_6457.N1	11-JUL-2008 16:39:34	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33275	No
169	GOM_NL__2PRFIN20080711_164453_000000362070_00155_33275_6458.N1	11-JUL-2008 16:44:53	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	33275	No
170	GOM_NL__2PRFIN20080711_164711_000000372070_00155_33275_6459.N1	11-JUL-2008 16:47:11	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	33275	No
171	GOM_NL__2PRFIN20080711_165812_000000382070_00155_33275_6460.N1	11-JUL-2008 16:58:12	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	33275	No
172	GOM_NL__2PRFIN20080711_170112_000000362070_00155_33275_6461.N1	11-JUL-2008 17:01:12	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33275	No
173	GOM_NL__2PRFIN20080711_170523_000000332070_00155_33275_6462.N1	11-JUL-2008 17:05:23	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	33275	No
174	GOM_NL__2PRFIN20080711_170909_000000362070_00155_33275_6463.N1	11-JUL-2008 17:09:09	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33275	No
175	GOM_NL__2PRFIN20080711_174812_000000392070_00155_33275_6464.N1	11-JUL-2008 17:48:12	Dark	39.000	157	The1Eri	2.9060	9300.0	78	33275	No
176	GOM_NL__2PRFIN20080711_175423_000000432070_00156_33276_6464.N1	11-JUL-2008 17:54:23	Dark	42.500	9	Alp Eri	0.45300	24000.	85	33276	No
177	GOM_NL__2PRFIN20080711_175814_000000382070_00156_33276_6465.N1	11-JUL-2008 17:58:14	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	33276	No
178	GOM_NL__2PRFIN20080711_180156_000000382070_00156_33276_6466.N1	11-JUL-2008 18:01:56	Straylight	38.000	148	Alp Tuc	2.8780	4100.0	76	33276	No
179	GOM_NL__2PRFIN20080711_180557_000000402070_00156_33276_6467.N1	11-JUL-2008 18:05:57	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	33276	No
180	GOM_NL__2PRFIN20080711_181220_000000382070_00156_33276_6468.N1	11-JUL-2008 18:12:20	Twi_and_stray	37.500	40	The Sco	1.8590	7100.0	75	33276	No
181	GOM_NL__2PRFIN20080711_181400_000000472070_00156_33276_6469.N1	11-JUL-2008 18:14:00	Bright	47.000	25	35Lam Sco	1.6200	28000.	94	33276	No
182	GOM_NL__2PRFIN20080711_181530_000000392070_00156_33276_6470.N1	11-JUL-2008 18:15:30	Bright	38.500	116	19Del Sgr	2.7000	4100.0	77	33276	No
183	GOM_NL__2PRFIN20080711_181640_000000412070_00156_33276_6471.N1	11-JUL-2008 18:16:40	Bright	40.500	137	22Lam Sgr	2.8240	4400.0	81	33276	No
184	GOM_NL__2PRFIN20080711_182010_000000372070_00156_33276_6472.N1	11-JUL-2008 18:20:10	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	33276	No
185	GOM_NL__2PRFIN20080711_182529_000000372070_00156_33276_6473.N1	11-JUL-2008 18:25:29	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	33276	No
186	GOM_NL__2PRFIN20080711_182747_000000372070_00156_33276_6474.N1	11-JUL-2008 18:27:47	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	33276	No
187	GOM_NL__2PRFIN20080711_183848_000000412070_00156_33276_6475.N1	11-JUL-2008 18:38:48	Bright	40.500	69	33Gam Dra	2.2310	3800.0	81	33276	No
188	GOM_NL__2PRFIN20080711_184148_000000362070_00156_33276_6476.N1	11-JUL-2008 18:41:48	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33276	No
189	GOM_NL__2PRFIN20080711_184559_000000372070_00156_33276_6477.N1	11-JUL-2008 18:45:59	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	33276	No
190	GOM_NL__2PRFIN20080711_184945_000000372070_00156_33276_6478.N1	11-JUL-2008 18:49:45	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33276	No
191	GOM_NL__2PRFIN20080711_191046_000000512070_00156_33276_6479.N1	11-JUL-2008 19:10:46	Twilight	50.500	13	87Alp Tau	0.86700	3800.0	101	33276	No
192	GOM_NL__2PRFIN20080711_192848_000000402070_00156_33276_6480.N1	11-JUL-2008 19:28:48	Dark	40.000	157	The1Eri	2.9060	9300.0	80	33276	No
193	GOM_NL__2PRFIN20080711_193459_000000542070_00157_33277_6472.N1	11-JUL-2008 19:34:59	Dark	53.500	9	Alp Eri	0.45300	24000.	107	33277	No
194	GOM_NL__2PRFIN20080711_193850_000000372070_00157_33277_6473.N1	11-JUL-2008 19:38:50	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33277	No
195	GOM_NL__2PRFIN20080711_194233_000000382070_00157_33277_6474.N1	11-JUL-2008 19:42:33	Straylight	38.000	148	Alp Tuc	2.8780	4100.0	76	33277	No
196	GOM_NL__2PRFIN20080711_194633_000000392070_00157_33277_6475.N1	11-JUL-2008 19:46:33	Straylight	38.500	45	Alp Pav	1.9400	26000.	77	33277	No
197	GOM_NL__2PRFIN20080711_195105_000000402070_00157_33277_6476.N1	11-JUL-2008 19:51:05	Twi_and_stray	39.500	147	Alp Ara	2.8770	26000.	79	33277	No
198	GOM_NL__2PRFIN20080711_195257_000000382070_00157_33277_6477.N1	11-JUL-2008 19:52:57	Twi_and_stray	38.000	40	The Sco	1.8590	7100.0	76	33277	No
199	GOM_NL__2PRFIN20080711_195436_000000392070_00157_33277_6478.N1	11-JUL-2008 19:54:36	Bright	39.000	25	35Lam Sco	1.6200	28000.	78	33277	No
200	GOM_NL__2PRFIN20080711_195606_000000402070_00157_33277_6479.N1	11-JUL-2008 19:56:06	Bright	39.500	116	19Del Sgr	2.7000	4100.0	79	33277	No
201	GOM_NL__2PRFIN20080711_195716_000000392070_00157_33277_6480.N1	11-JUL-2008 19:57:16	Bright	38.500	137	22Lam Sgr	2.8240	4400.0	77	33277	No
202	GOM_NL__2PRFIN20080711_200046_000000372070_00157_33277_6481.N1	11-JUL-2008 20:00:46	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33277	No
203	GOM_NL__2PRFIN20080711_200605_000000362070_00157_33277_6482.N1	11-JUL-2008 20:06:05	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	33277	No
204	GOM_NL__2PRFIN20080711_200823_000000372070_00157_33277_6483.N1	11-JUL-2008 20:08:23	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	33277	No
205	GOM_NL__2PRFIN20080711_201135_000000362070_00157_33277_6484.N1	11-JUL-2008 20:11:35	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	33277	No
206	GOM_NL__2PRFIN20080711_201409_000000342070_00157_33277_6485.N1	11-JUL-2008 20:14:09	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	33277	No
207	GOM_NL__2PRFIN20080711_201924_000000352070_00157_33277_6486.N1	11-JUL-2008 20:19:24	Bright	34.500	69	33Gam Dra	2.2310	3800.0	69	33277	No
208	GOM_NL__2PRFIN20080711_202224_000000362070_00157_33277_6487.N1	11-JUL-2008 20:22:24	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33277	No
209	GOM_NL__2PRFIN20080711_202635_000000372070_00157_33277_6488.N1	11-JUL-2008 20:26:35	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	33277	No
210	GOM_NL__2PRFIN20080711_203021_000000372070_00157_33277_6489.N1	11-JUL-2008 20:30:21	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33277	No
211	GOM_NL__2PRFIN20080711_205122_000000532070_00157_33277_6490.N1	11-JUL-2008 20:51:22	Twilight	52.500	13	87Alp Tau	0.86700	3800.0	105	33277	No
212	GOM_NL__2PRFIN20080711_210925_000000402070_00157_33277_6491.N1	11-JUL-2008 21:09:25	Dark	40.000	157	The1Eri	2.9060	9300.0	80	33277	No
213	GOM_NL__2PRFIN20080711_211536_000000492070_00158_33278_6479.N1	11-JUL-2008 21:15:36	Dark	48.500	9	Alp Eri	0.45300	24000.	97	33278	No
214	GOM_NL__2PRFIN20080711_211926_000000372070_00158_33278_6480.N1	11-JUL-2008 21:19:26	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33278	No
215	GOM_NL__2PRFIN20080711_212309_000000392070_00158_33278_6481.N1	11-JUL-2008 21:23:09	Straylight	39.000	148	Alp Tuc	2.8780	4100.0	78	33278	No
216	GOM_NL__2PRFIN20080711_212710_000000392070_00158_33278_6482.N1	11-JUL-2008 21:27:10	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	33278	No
217	GOM_NL__2PRFIN20080711_213141_000000382070_00158_33278_6483.N1	11-JUL-2008 21:31:41	Twi_and_stray	37.500	147	Alp Ara	2.8770	26000.	75	33278	No
218	GOM_NL__2PRFIN20080711_213333_000000442070_00158_33278_6484.N1	11-JUL-2008 21:33:33	Twi_and_stray	43.500	40	The Sco	1.8590	7100.0	87	33278	No
219	GOM_NL__2PRFIN20080711_213512_000000402070_00158_33278_6485.N1	11-JUL-2008 21:35:12	Bright	39.500	25	35Lam Sco	1.6200	28000.	79	33278	No

220	GOM_NL__2PRFIN20080711_213642_000000412070_00158_33278_6486.N1	11-JUL-2008 21:36:42	Bright	40.500	116	19Del Sgr	2.7000	4100.0	81	33278	No
221	GOM_NL__2PRFIN20080711_213752_000000402070_00158_33278_6487.N1	11-JUL-2008 21:37:52	Bright	40.000	137	22Lam Sgr	2.8240	4400.0	80	33278	No
222	GOM_NL__2PRFIN20080711_214122_000000372070_00158_33278_6488.N1	11-JUL-2008 21:41:22	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33278	No
223	GOM_NL__2PRFIN20080711_214641_000000362070_00158_33278_6489.N1	11-JUL-2008 21:46:41	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	33278	No
224	GOM_NL__2PRFIN20080711_214859_000000372070_00158_33278_6490.N1	11-JUL-2008 21:48:59	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	33278	No
225	GOM_NL__2PRFIN20080711_215212_000000352070_00158_33278_6491.N1	11-JUL-2008 21:52:12	Bright	35.000	127	27Bet Her	2.7810	4700.0	70	33278	No
226	GOM_NL__2PRFIN20080711_215445_000000372070_00158_33278_6492.N1	11-JUL-2008 21:54:45	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	33278	No
227	GOM_NL__2PRFIN20080711_215959_000000402070_00158_33278_6493.N1	11-JUL-2008 21:59:59	Bright	39.500	69	33Gam Dra	2.2310	3800.0	79	33278	No
228	GOM_NL__2PRFIN20080711_220300_000000352070_00158_33278_6494.N1	11-JUL-2008 22:03:00	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	33278	No
229	GOM_NL__2PRFIN20080711_220711_000000372070_00158_33278_6495.N1	11-JUL-2008 22:07:11	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	33278	No
230	GOM_NL__2PRFIN20080711_221057_000000362070_00158_33278_6496.N1	11-JUL-2008 22:10:57	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33278	No
231	GOM_NL__2PRFIN20080711_223158_000000532070_00158_33278_6497.N1	11-JUL-2008 22:31:58	Twilight	52.500	13	87Alp Tau	0.86700	3800.0	105	33278	No
232	GOM_NL__2PRFIN20080711_225001_000000402070_00158_33278_6498.N1	11-JUL-2008 22:50:01	Dark	39.500	157	The1Eri	2.9060	9300.0	79	33278	No

### 3. Quality information per product

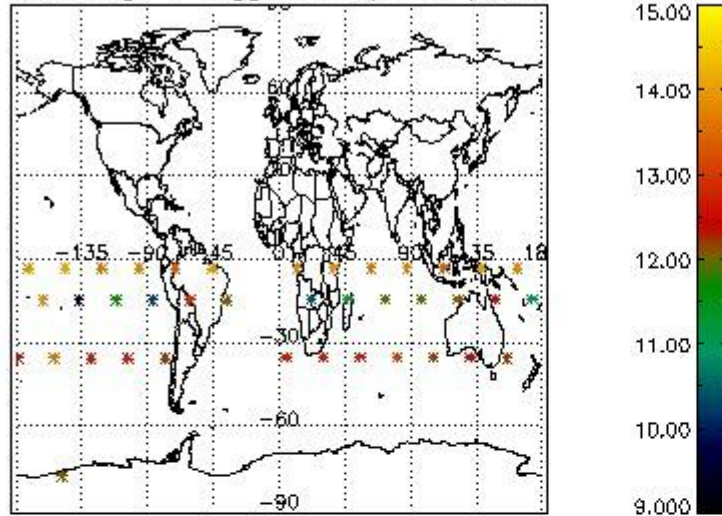
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

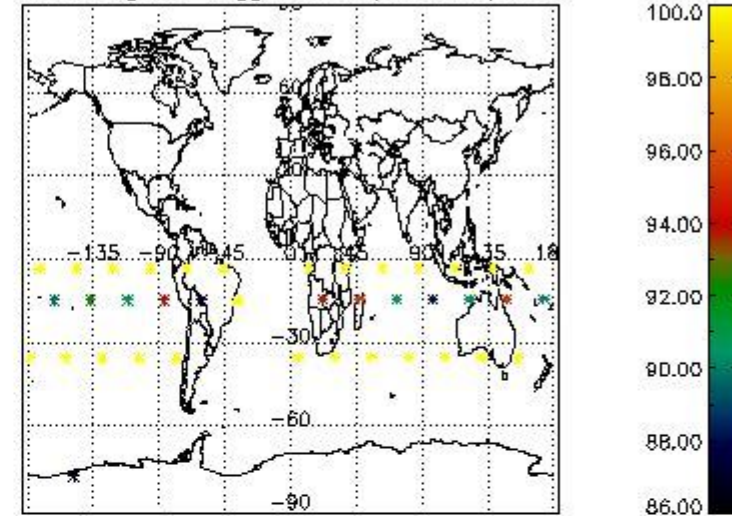


#### 3.2 Plot quality information per product (world map)

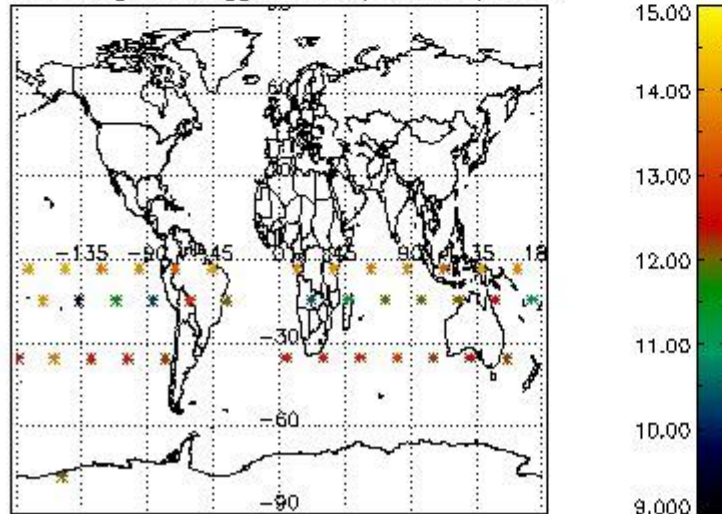
Percentage of flagged data per O3 profile



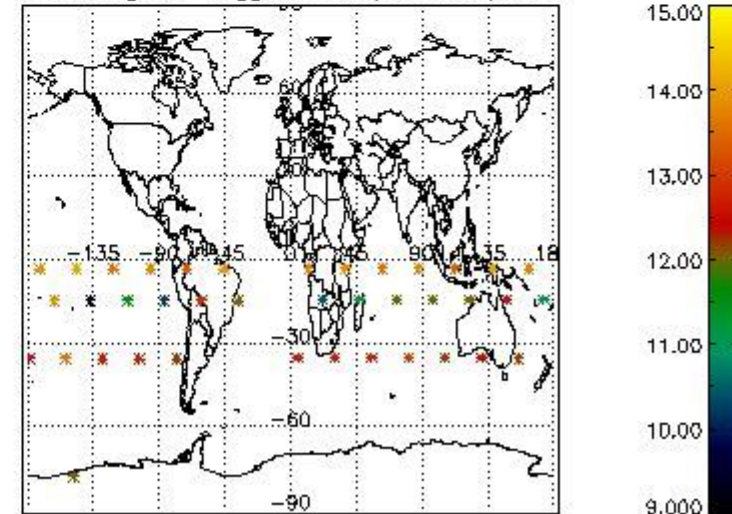
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



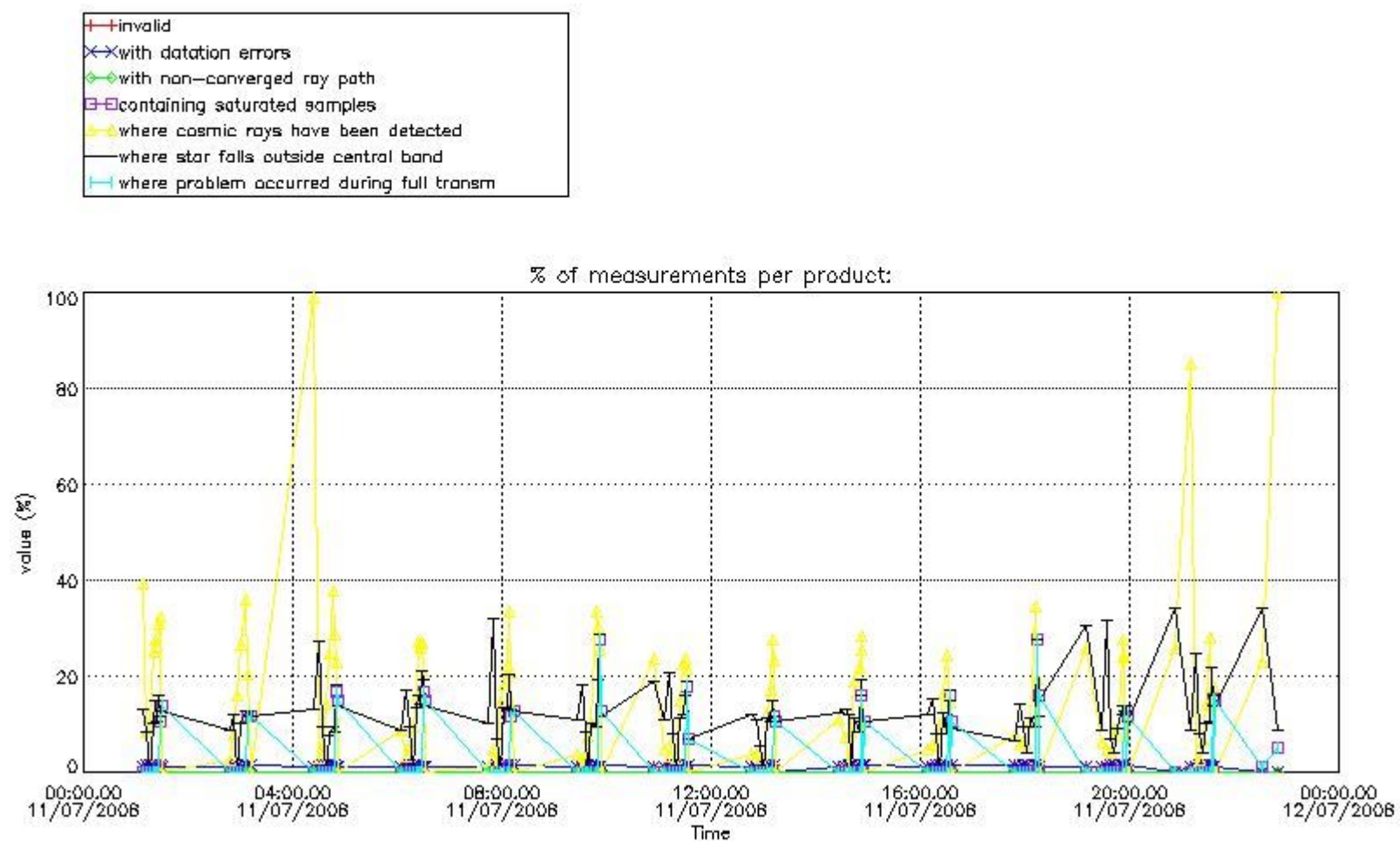
#### 4. Level 1 quality information per product

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

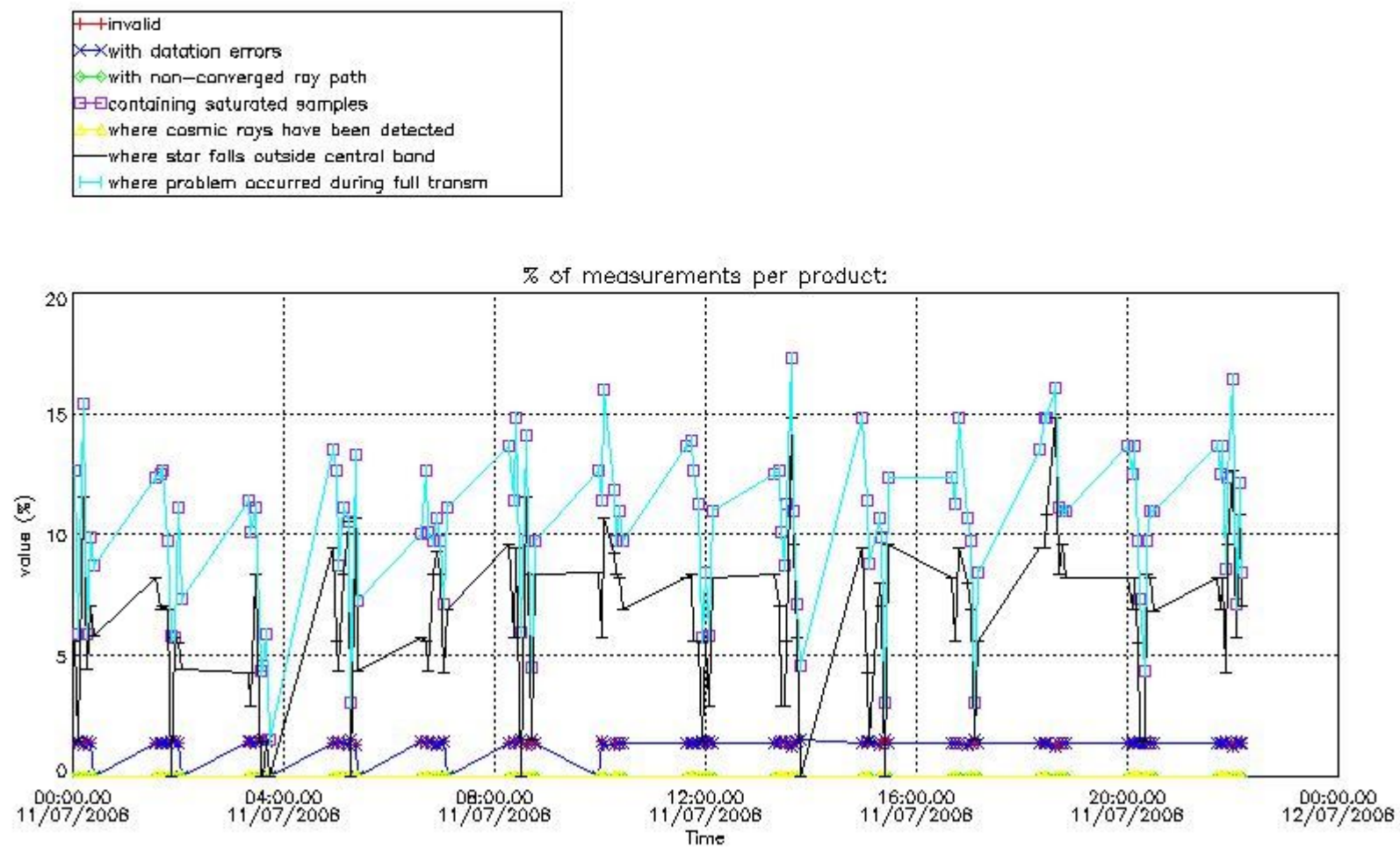
###### 4.1.1 Plot level 1 quality information per product (time dependant): ENVISAT ASCENDING passes





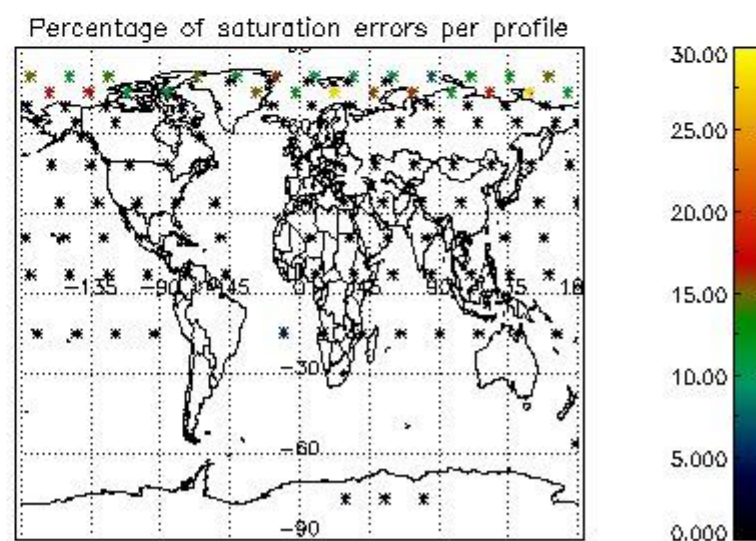
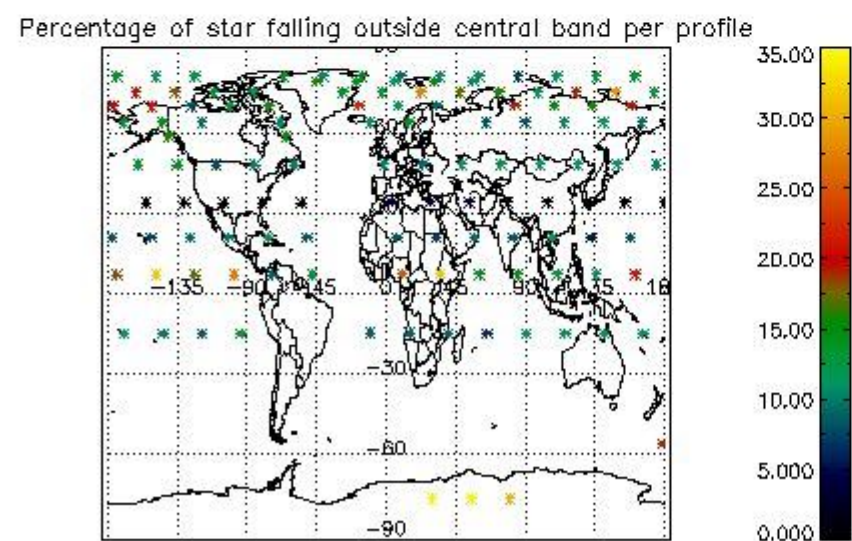
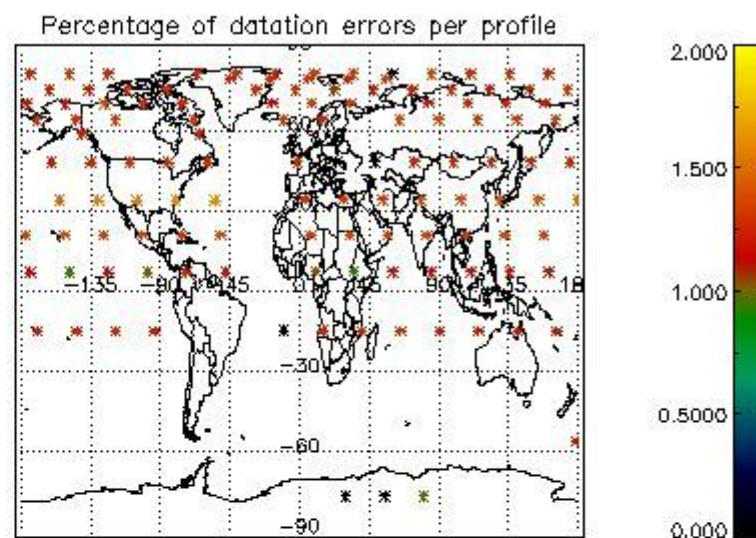
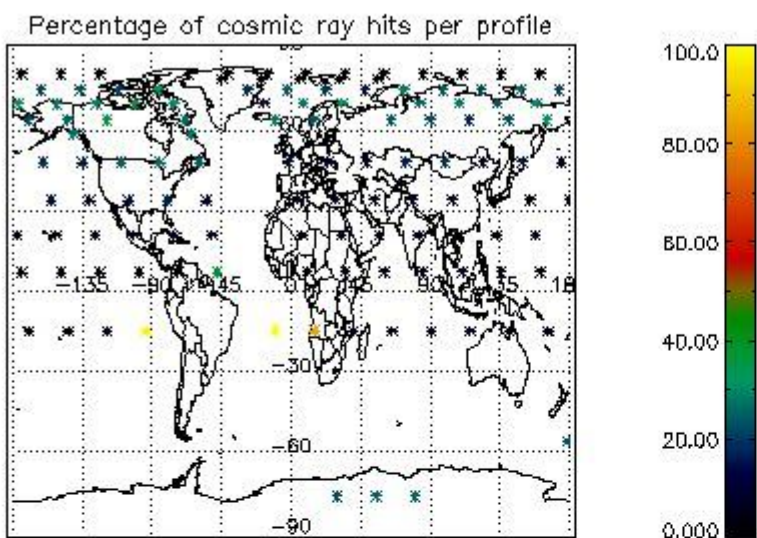
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes





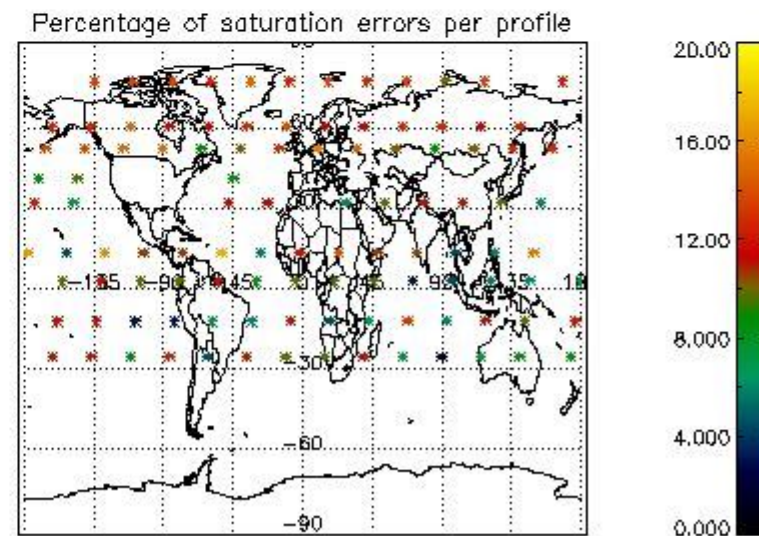
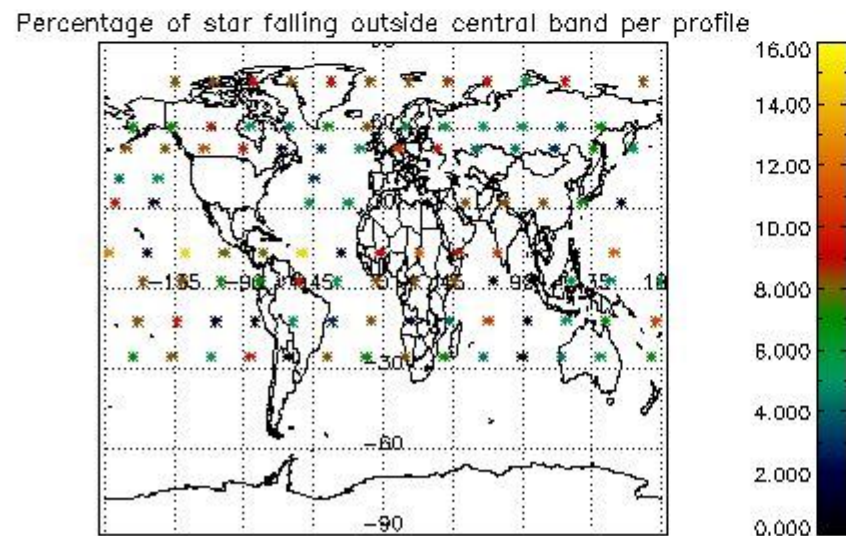
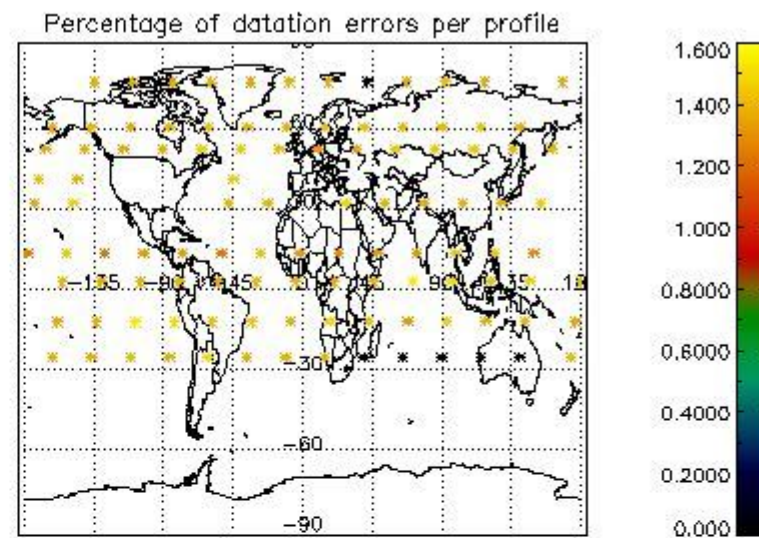
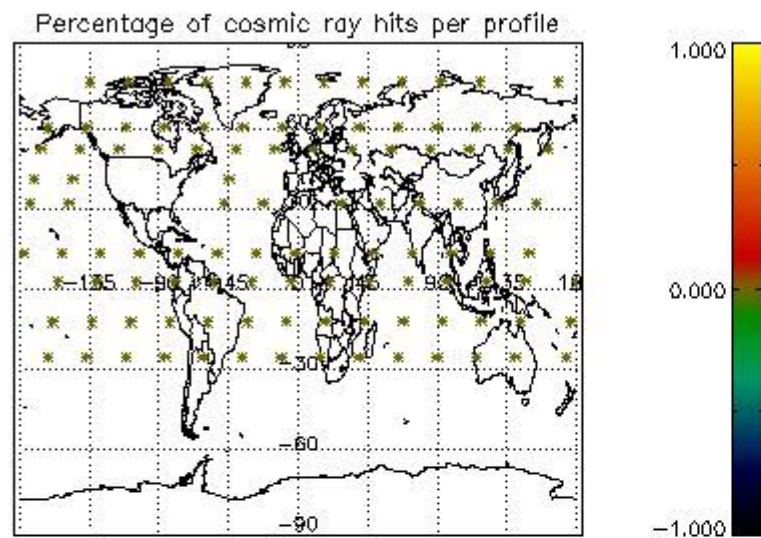
4.2 Plot quality information per product coming from level 1b processing (world map)

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

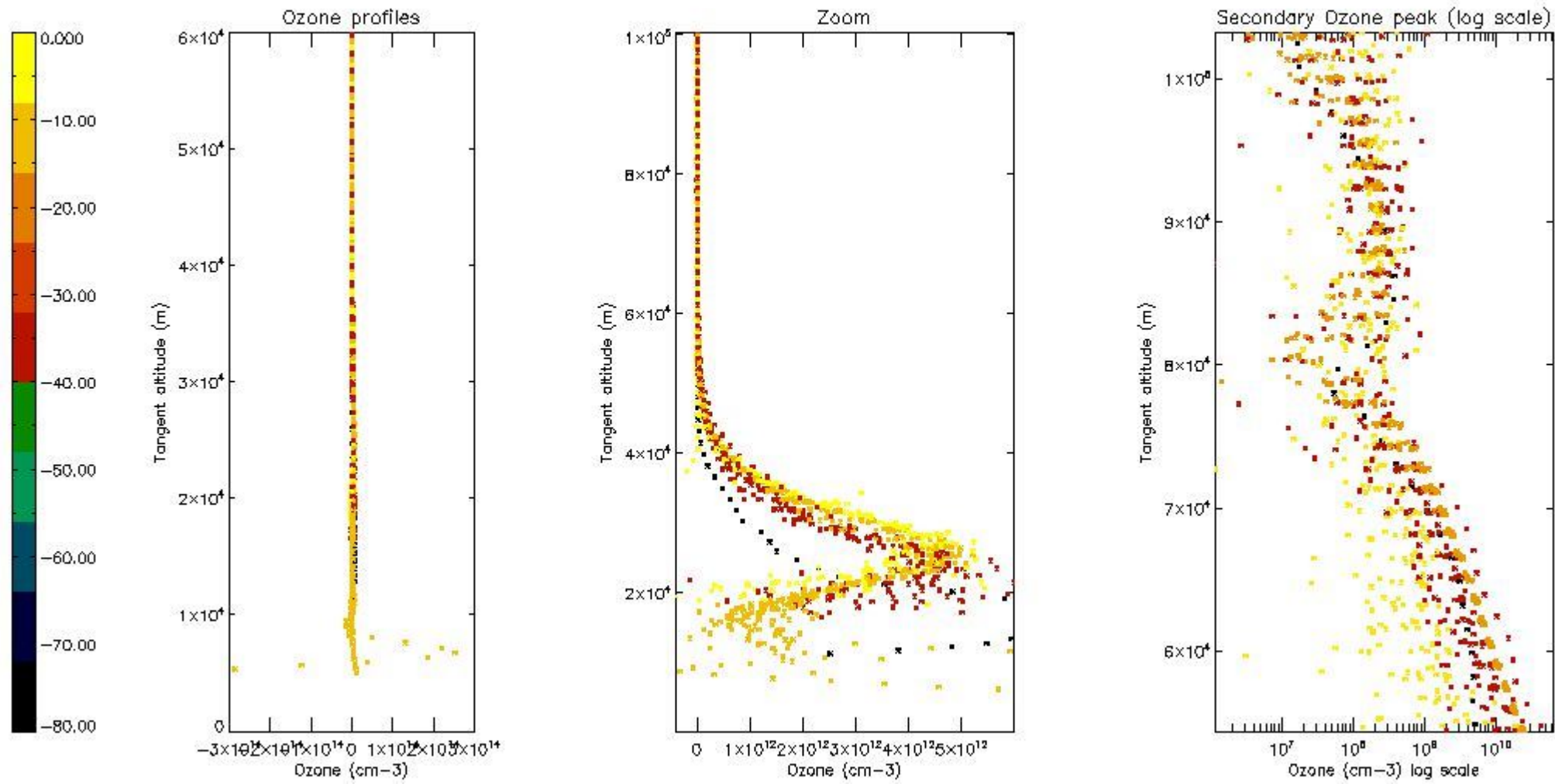
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	19
STD < 20	10

STD < 10	7
STD < 5	4

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

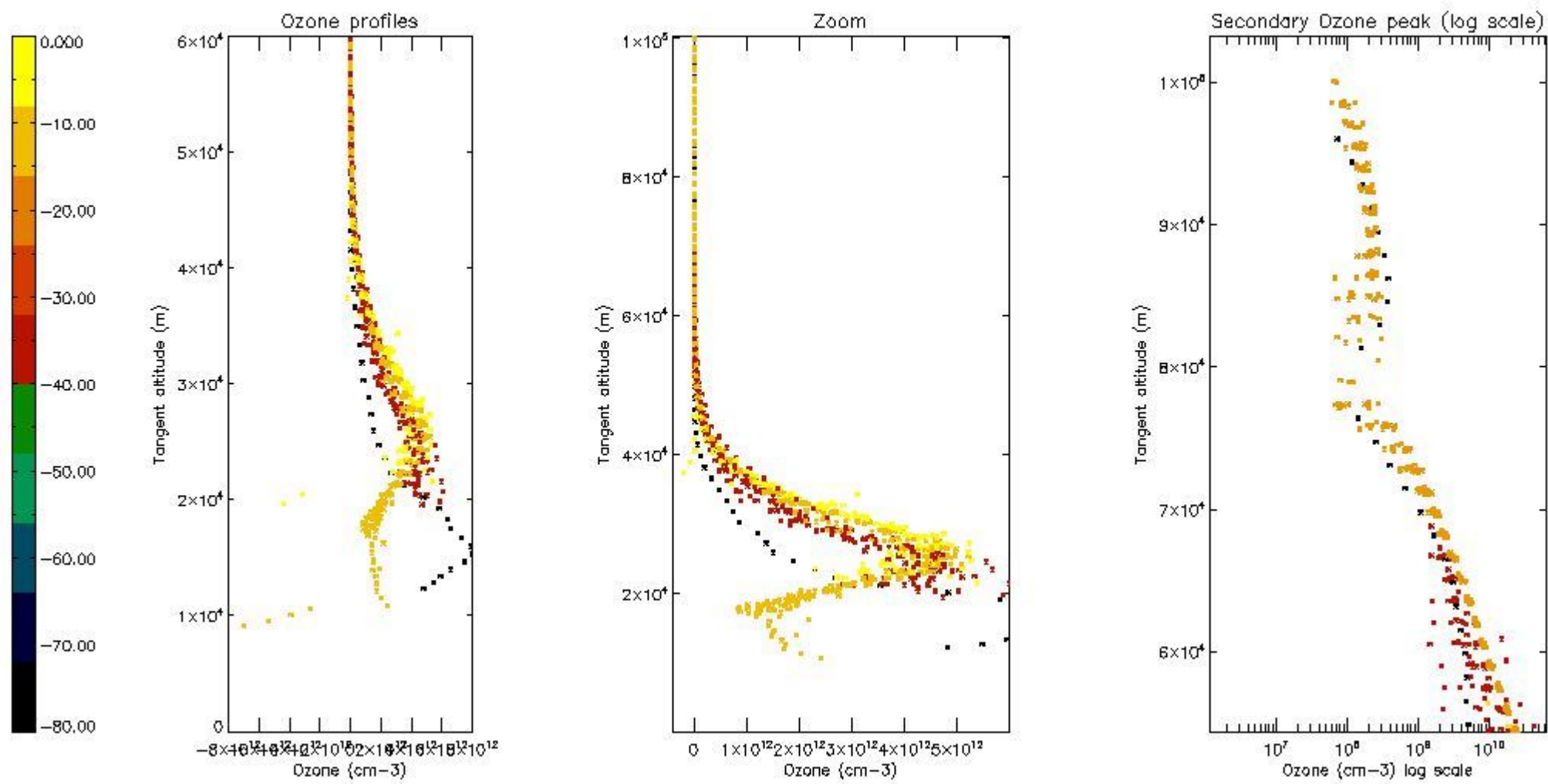
The colorbar represents the latitude.



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

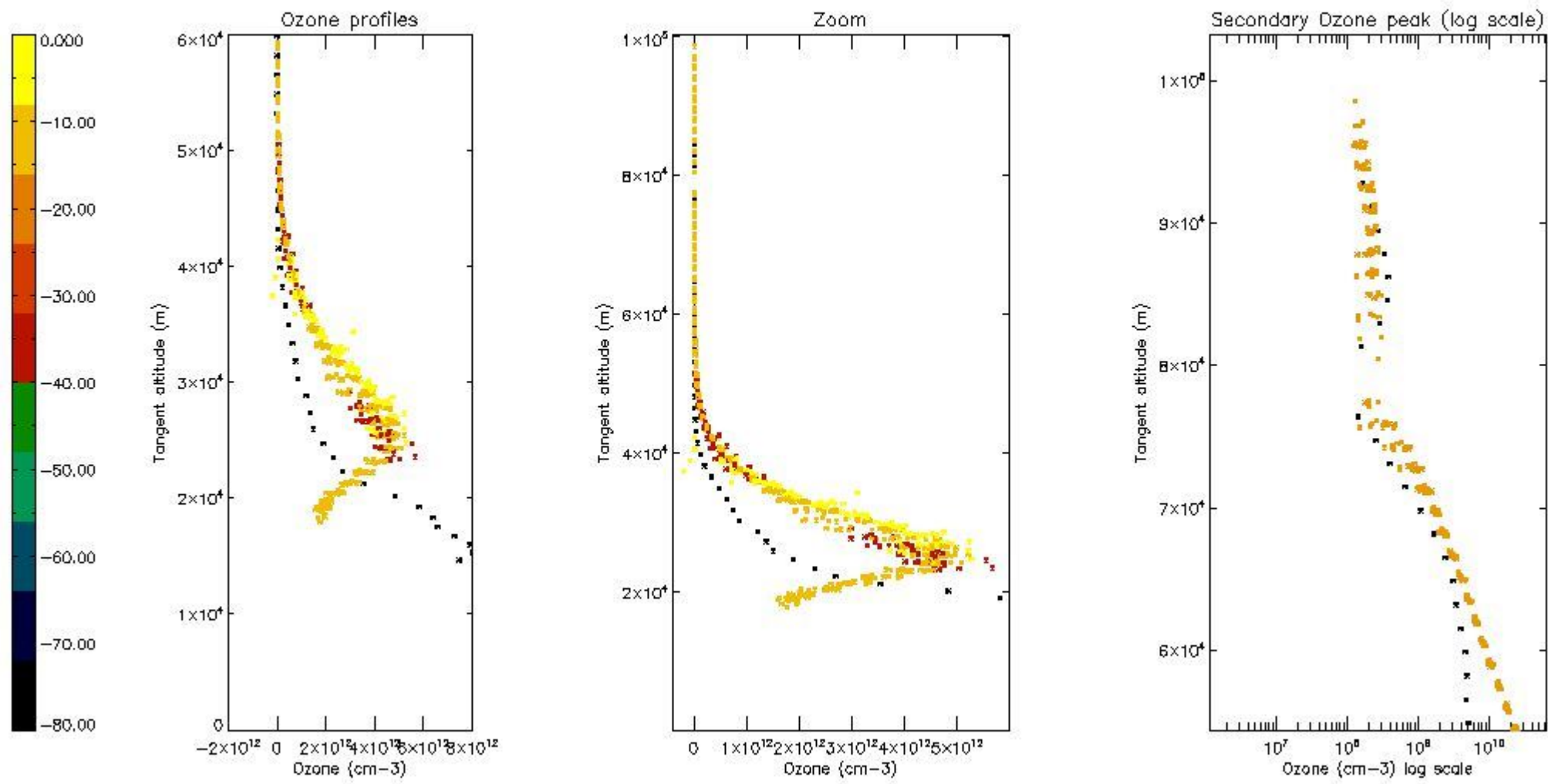
The colorbar represents the latitude.





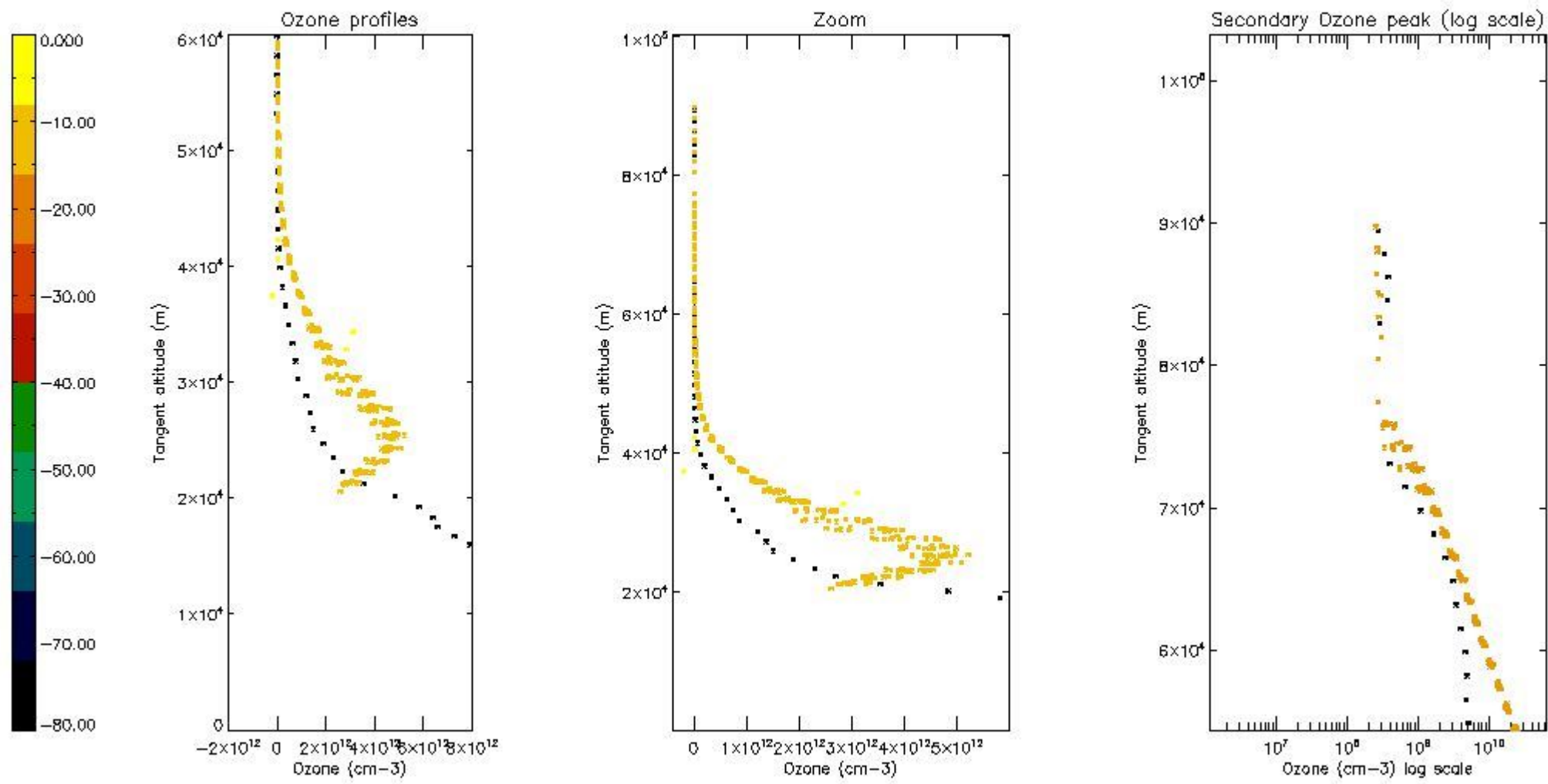
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



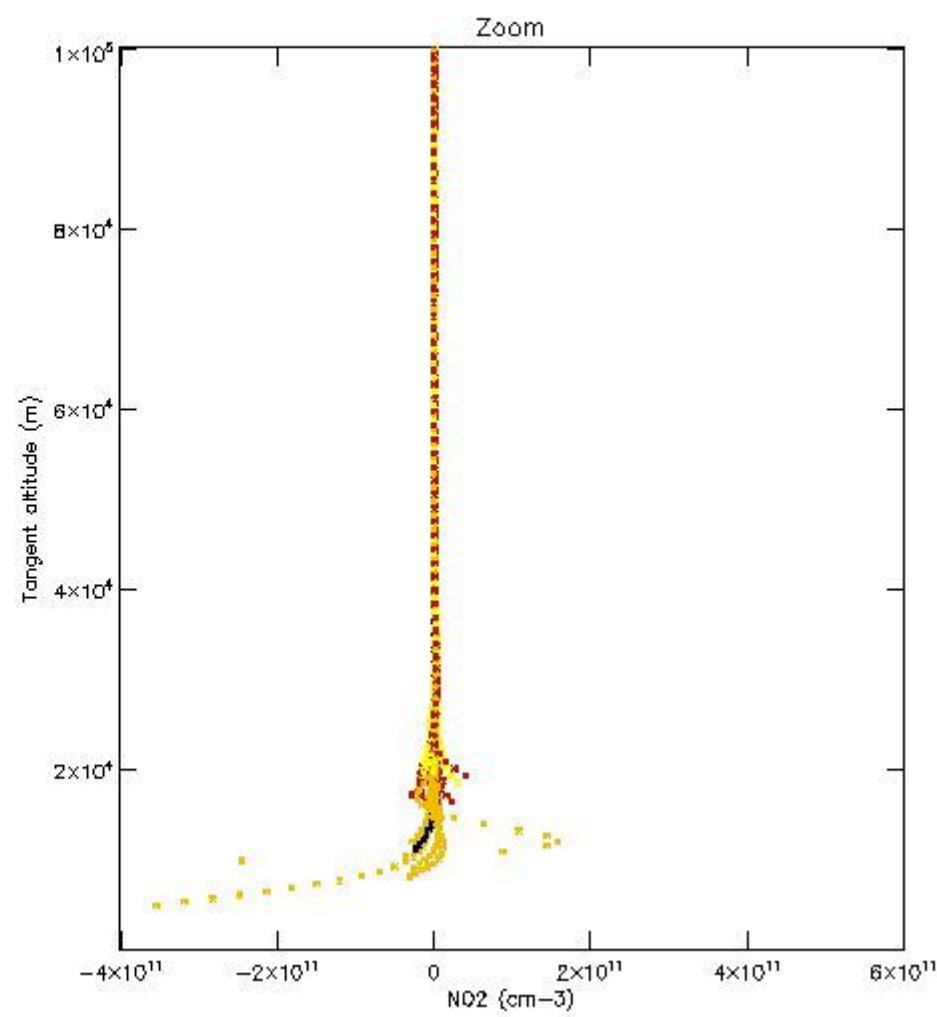
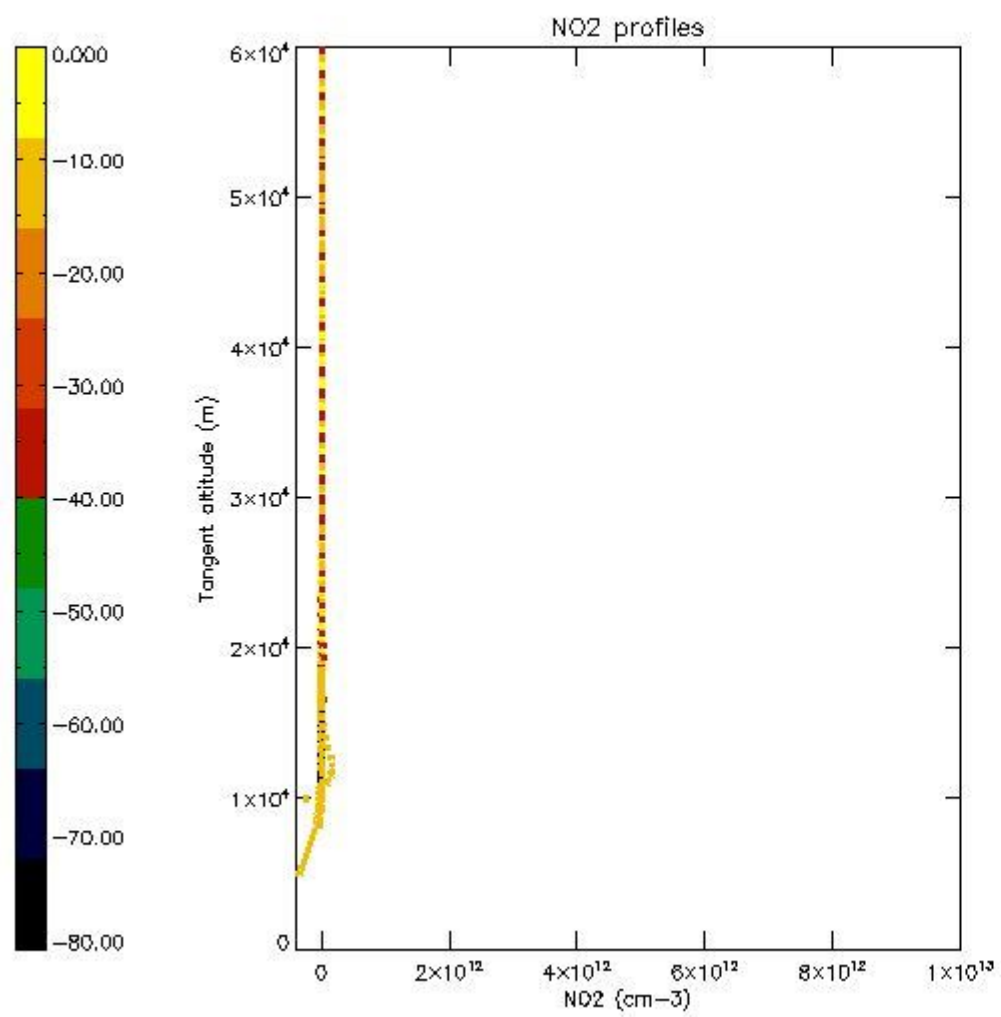
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



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

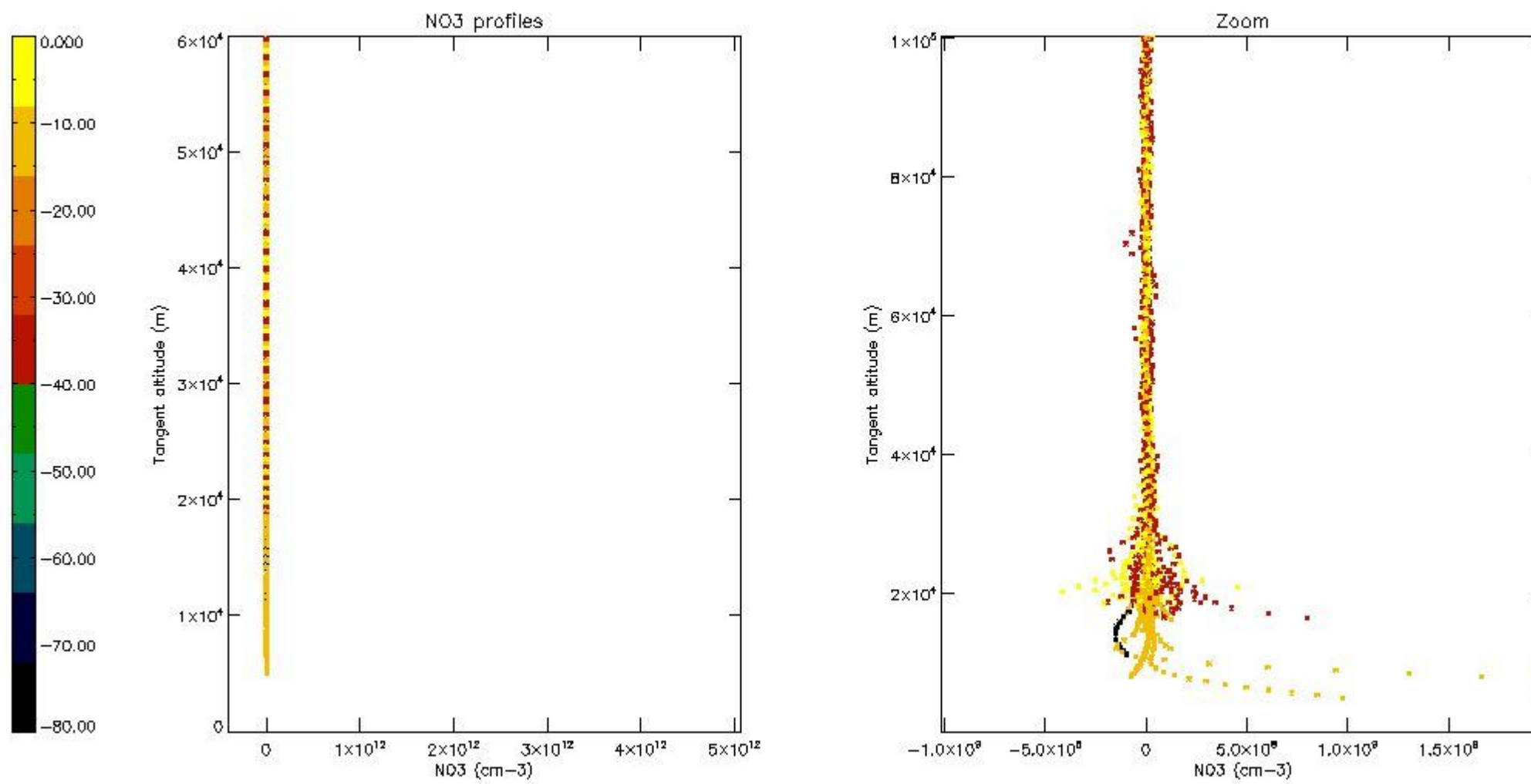
The colorbar represents the latitude.



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

The colorbar represents the latitude.





## 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	11-JUL-2008 00:01:10
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	11-JUL-2008 00:01:10
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	11-JUL-2008 00:01:10

# GOMOS Level 2 Daily Report

## SUMMARY

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

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

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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 17:18:31
Data source version	GOMOS/6.01
Start time of products	11-07-2008 (11JUL2008 00:00:00)
Stop time of products	12-07-2008 (12JUL2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	232
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__2PRFIN20080711_000110_000000362070_00145_33265_6287.N1	11-JUL-2008 00:01:10	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	33265	No
2	GOM_NL__2PRFIN20080711_000655_000000342070_00145_33265_6288.N1	11-JUL-2008 00:06:55	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	33265	No
3	GOM_NL__2PRFIN20080711_001214_000000392070_00145_33265_6289.N1	11-JUL-2008 00:12:14	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	33265	No
4	GOM_NL__2PRFIN20080711_001511_000000342070_00145_33265_6290.N1	11-JUL-2008 00:15:11	Bright	34.000	119	14Eta Dra	2.7270	4700.0	68	33265	No
5	GOM_NL__2PRFIN20080711_001922_000000362070_00145_33265_6291.N1	11-JUL-2008 00:19:22	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	33265	No
6	GOM_NL__2PRFIN20080711_002310_000000352070_00145_33265_6292.N1	11-JUL-2008 00:23:10	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	33265	No
7	GOM_NL__2PRFIN20080711_010817_000000422070_00146_33266_6328.N1	11-JUL-2008 01:08:17	Dark	42.000	9	Alp Eri	0.45300	24000.	84	33266	No
8	GOM_NL__2PRFIN20080711_011212_000000372070_00146_33266_6329.N1	11-JUL-2008 01:12:12	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33266	No
9	GOM_NL__2PRFIN20080711_011551_000000312070_00146_33266_6330.N1	11-JUL-2008 01:15:51	Straylight	31.000	148	Alp Tuc	2.8780	4100.0	62	33266	No
10	GOM_NL__2PRFIN20080711_011954_000000402070_00146_33266_6331.N1	11-JUL-2008 01:19:54	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33266	No
11	GOM_NL__2PRFIN20080711_012257_000000402070_00146_33266_6332.N1	11-JUL-2008 01:22:57	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	33266	No
12	GOM_NL__2PRFIN20080711_012428_000000382070_00146_33266_6333.N1	11-JUL-2008 01:24:28	Twilight	38.000	147	Alp Ara	2.8770	26000.	76	33266	No
13	GOM_NL__2PRFIN20080711_012619_000000412070_00146_33266_6334.N1	11-JUL-2008 01:26:19	Twilight	40.500	40	The Sco	1.8590	7100.0	81	33266	No
14	GOM_NL__2PRFIN20080711_012759_000000392070_00146_33266_6335.N1	11-JUL-2008 01:27:59	Bright	38.500	25	35Lam Sco	1.6200	28000.	77	33266	No
15	GOM_NL__2PRFIN20080711_013038_000000402070_00146_33266_6336.N1	11-JUL-2008 01:30:38	Bright	39.500	137	22Lam Sgr	2.8240	4400.0	79	33266	No
16	GOM_NL__2PRFIN20080711_013409_000000372070_00146_33266_6337.N1	11-JUL-2008 01:34:09	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33266	No
17	GOM_NL__2PRFIN20080711_013929_000000362070_00146_33266_6338.N1	11-JUL-2008 01:39:29	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	33266	No
18	GOM_NL__2PRFIN20080711_014146_000000362070_00146_33266_6339.N1	11-JUL-2008 01:41:46	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	33266	No
19	GOM_NL__2PRFIN20080711_014731_000000362070_00146_33266_6340.N1	11-JUL-2008 01:47:31	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	33266	No
20	GOM_NL__2PRFIN20080711_015249_000000352070_00146_33266_6341.N1	11-JUL-2008 01:52:49	Bright	34.500	69	33Gam Dra	2.2310	3800.0	69	33266	No
21	GOM_NL__2PRFIN20080711_015547_000000352070_00146_33266_6342.N1	11-JUL-2008 01:55:47	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	33266	No
22	GOM_NL__2PRFIN20080711_015958_000000362070_00146_33266_6343.N1	11-JUL-2008 01:59:58	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	33266	No
23	GOM_NL__2PRFIN20080711_020346_000000342070_00146_33266_6344.N1	11-JUL-2008 02:03:46	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	33266	No
24	GOM_NL__2PRFIN20080711_024854_000000402070_00147_33267_6335.N1	11-JUL-2008 02:48:54	Dark	39.500	9	Alp Eri	0.45300	24000.	79	33267	No
25	GOM_NL__2PRFIN20080711_025249_000000382070_00147_33267_6336.N1	11-JUL-2008 02:52:49	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	33267	No
26	GOM_NL__2PRFIN20080711_025628_000000312070_00147_33267_6337.N1	11-JUL-2008 02:56:28	Straylight	31.000	148	Alp Tuc	2.8780	4100.0	62	33267	No
27	GOM_NL__2PRFIN20080711_030030_000000402070_00147_33267_6338.N1	11-JUL-2008 03:00:30	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	33267	No
28	GOM_NL__2PRFIN20080711_030656_000000392070_00147_33267_6339.N1	11-JUL-2008 03:06:56	Twilight	39.000	40	The Sco	1.8590	7100.0	78	33267	No
29	GOM_NL__2PRFIN20080711_030835_000000392070_00147_33267_6340.N1	11-JUL-2008 03:08:35	Bright	39.000	25	35Lam Sco	1.6200	28000.	78	33267	No
30	GOM_NL__2PRFIN20080711_031115_000000392070_00147_33267_6341.N1	11-JUL-2008 03:11:15	Bright	38.500	137	22Lam Sgr	2.8240	4400.0	77	33267	No
31	GOM_NL__2PRFIN20080711_032005_000000352070_00147_33267_6342.N1	11-JUL-2008 03:20:05	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	33267	No
32	GOM_NL__2PRFIN20080711_032222_000000352070_00147_33267_6343.N1	11-JUL-2008 03:22:22	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	33267	No
33	GOM_NL__2PRFIN20080711_032807_000000362070_00147_33267_6344.N1	11-JUL-2008 03:28:07	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	33267	No
34	GOM_NL__2PRFIN20080711_033325_000000352070_00147_33267_6345.N1	11-JUL-2008 03:33:25	Bright	34.500	69	33Gam Dra	2.2310	3800.0	69	33267	No
35	GOM_NL__2PRFIN20080711_033623_000000332070_00147_33267_6346.N1	11-JUL-2008 03:36:23	Bright	33.000	119	14Eta Dra	2.7270	4700.0	66	33267	No
36	GOM_NL__2PRFIN20080711_034034_000000342070_00147_33267_6347.N1	11-JUL-2008 03:40:34	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	33267	No
37	GOM_NL__2PRFIN20080711_034421_000000322070_00147_33267_6348.N1	11-JUL-2008 03:44:21	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	33267	No
38	GOM_NL__2PRFIN20080711_042319_000000422070_00147_33267_6349.N1	11-JUL-2008 04:23:19	Dark	41.500	157	The1Eri	2.9060	9300.0	83	33267	No
39	GOM_NL__2PRFIN20080711_042930_000000502070_00148_33268_6345.N1	11-JUL-2008 04:29:30	Dark	49.500	9	Alp Eri	0.45300	24000.	99	33268	No
40	GOM_NL__2PRFIN20080711_043325_000000372070_00148_33268_6346.N1	11-JUL-2008 04:33:25	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33268	No
41	GOM_NL__2PRFIN20080711_043704_000000322070_00148_33268_6347.N1	11-JUL-2008 04:37:04	Straylight	32.000	148	Alp Tuc	2.8780	4100.0	64	33268	No
42	GOM_NL__2PRFIN20080711_044106_000000392070_00148_33268_6348.N1	11-JUL-2008 04:41:06	Straylight	38.500	45	Alp Pav	1.9400	26000.	77	33268	No

43	GOM_NL__2PRFIN20080711_044541_000000372070_00148_33268_6349.N1	11-JUL-2008 04:45:41	Twilight	37.000	147	Alp Ara	2.8770	26000.	74	33268	No
44	GOM_NL__2PRFIN20080711_044732_000000372070_00148_33268_6350.N1	11-JUL-2008 04:47:32	Twilight	36.500	40	The Sco	1.8590	7100.0	73	33268	No
45	GOM_NL__2PRFIN20080711_044912_000000422070_00148_33268_6351.N1	11-JUL-2008 04:49:12	Bright	41.500	25	35Lam Sco	1.6200	28000.	83	33268	No
46	GOM_NL__2PRFIN20080711_045151_000000402070_00148_33268_6352.N1	11-JUL-2008 04:51:51	Bright	40.000	137	22Lam Sgr	2.8240	4400.0	80	33268	No
47	GOM_NL__2PRFIN20080711_045521_000000372070_00148_33268_6353.N1	11-JUL-2008 04:55:21	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	33268	No
48	GOM_NL__2PRFIN20080711_050041_000000362070_00148_33268_6354.N1	11-JUL-2008 05:00:41	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	33268	No
49	GOM_NL__2PRFIN20080711_050258_000000352070_00148_33268_6355.N1	11-JUL-2008 05:02:58	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	33268	No
50	GOM_NL__2PRFIN20080711_050843_000000362070_00148_33268_6356.N1	11-JUL-2008 05:08:43	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	33268	No
51	GOM_NL__2PRFIN20080711_051401_000000382070_00148_33268_6357.N1	11-JUL-2008 05:14:01	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	33268	No
52	GOM_NL__2PRFIN20080711_051659_000000332070_00148_33268_6358.N1	11-JUL-2008 05:16:59	Bright	32.500	119	14Eta Dra	2.7270	4700.0	65	33268	No
53	GOM_NL__2PRFIN20080711_052110_000000382070_00148_33268_6359.N1	11-JUL-2008 05:21:10	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	33268	No
54	GOM_NL__2PRFIN20080711_052457_000000352070_00148_33268_6360.N1	11-JUL-2008 05:24:57	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	33268	No
55	GOM_NL__2PRFIN20080711_060356_000000402070_00148_33268_6361.N1	11-JUL-2008 06:03:56	Dark	40.000	157	The1Eri	2.9060	9300.0	80	33268	No
56	GOM_NL__2PRFIN20080711_061007_000000442070_00149_33269_6352.N1	11-JUL-2008 06:10:07	Dark	43.500	9	Alp Eri	0.45300	24000.	87	33269	No
57	GOM_NL__2PRFIN20080711_061401_000000382070_00149_33269_6353.N1	11-JUL-2008 06:14:01	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	33269	No
58	GOM_NL__2PRFIN20080711_061741_000000322070_00149_33269_6354.N1	11-JUL-2008 06:17:41	Straylight	32.000	148	Alp Tuc	2.8780	4100.0	64	33269	No
59	GOM_NL__2PRFIN20080711_062143_000000412070_00149_33269_6355.N1	11-JUL-2008 06:21:43	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	33269	No
60	GOM_NL__2PRFIN20080711_062445_000000412070_00149_33269_6356.N1	11-JUL-2008 06:24:45	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	33269	No
61	GOM_NL__2PRFIN20080711_062617_000000392070_00149_33269_6357.N1	11-JUL-2008 06:26:17	Twilight	39.000	147	Alp Ara	2.8770	26000.	78	33269	No
62	GOM_NL__2PRFIN20080711_062808_000000432070_00149_33269_6358.N1	11-JUL-2008 06:28:08	Twilight	42.500	40	The Sco	1.8590	7100.0	85	33269	No
63	GOM_NL__2PRFIN20080711_062948_000000422070_00149_33269_6359.N1	11-JUL-2008 06:29:48	Bright	41.500	25	35Lam Sco	1.6200	28000.	83	33269	No
64	GOM_NL__2PRFIN20080711_063227_000000402070_00149_33269_6360.N1	11-JUL-2008 06:32:27	Bright	40.000	137	22Lam Sgr	2.8240	4400.0	80	33269	No
65	GOM_NL__2PRFIN20080711_063557_000000352070_00149_33269_6361.N1	11-JUL-2008 06:35:57	Bright	35.000	86	35Eta Oph	2.4300	10200.	70	33269	No
66	GOM_NL__2PRFIN20080711_064117_000000362070_00149_33269_6362.N1	11-JUL-2008 06:41:17	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	33269	No
67	GOM_NL__2PRFIN20080711_064335_000000352070_00149_33269_6363.N1	11-JUL-2008 06:43:35	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	33269	No
68	GOM_NL__2PRFIN20080711_064920_000000362070_00149_33269_6364.N1	11-JUL-2008 06:49:20	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	33269	No
69	GOM_NL__2PRFIN20080711_065437_000000382070_00149_33269_6365.N1	11-JUL-2008 06:54:37	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	33269	No
70	GOM_NL__2PRFIN20080711_065735_000000362070_00149_33269_6366.N1	11-JUL-2008 06:57:35	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33269	No
71	GOM_NL__2PRFIN20080711_070146_000000352070_00149_33269_6367.N1	11-JUL-2008 07:01:46	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	33269	No
72	GOM_NL__2PRFIN20080711_070533_000000362070_00149_33269_6368.N1	11-JUL-2008 07:05:33	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33269	No
73	GOM_NL__2PRFIN20080711_074432_000000402070_00149_33269_6369.N1	11-JUL-2008 07:44:32	Dark	40.000	157	The1Eri	2.9060	9300.0	80	33269	No
74	GOM_NL__2PRFIN20080711_075044_000000532070_00150_33270_6378.N1	11-JUL-2008 07:50:44	Dark	53.000	9	Alp Eri	0.45300	24000.	106	33270	No
75	GOM_NL__2PRFIN20080711_075437_000000362070_00150_33270_6379.N1	11-JUL-2008 07:54:37	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	33270	No
76	GOM_NL__2PRFIN20080711_075817_000000342070_00150_33270_6380.N1	11-JUL-2008 07:58:17	Straylight	34.000	148	Alp Tuc	2.8780	4100.0	68	33270	No
77	GOM_NL__2PRFIN20080711_080219_000000412070_00150_33270_6381.N1	11-JUL-2008 08:02:19	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	33270	No
78	GOM_NL__2PRFIN20080711_080653_000000392070_00150_33270_6382.N1	11-JUL-2008 08:06:53	Twilight	38.500	147	Alp Ara	2.8770	26000.	77	33270	No
79	GOM_NL__2PRFIN20080711_080844_000000422070_00150_33270_6383.N1	11-JUL-2008 08:08:44	Twilight	42.000	40	The Sco	1.8590	7100.0	84	33270	No
80	GOM_NL__2PRFIN20080711_081024_000000392070_00150_33270_6384.N1	11-JUL-2008 08:10:24	Bright	38.500	25	35Lam Sco	1.6200	28000.	77	33270	No
81	GOM_NL__2PRFIN20080711_081303_000000392070_00150_33270_6385.N1	11-JUL-2008 08:13:03	Bright	39.000	137	22Lam Sgr	2.8240	4400.0	78	33270	No
82	GOM_NL__2PRFIN20080711_081634_000000372070_00150_33270_6386.N1	11-JUL-2008 08:16:34	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33270	No
83	GOM_NL__2PRFIN20080711_082153_000000352070_00150_33270_6387.N1	11-JUL-2008 08:21:53	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	33270	No
84	GOM_NL__2PRFIN20080711_082411_000000372070_00150_33270_6388.N1	11-JUL-2008 08:24:11	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	33270	No
85	GOM_NL__2PRFIN20080711_082956_000000342070_00150_33270_6389.N1	11-JUL-2008 08:29:56	Bright	33.500	133	40Zet Her	2.8070	6000.0	67	33270	No
86	GOM_NL__2PRFIN20080711_083513_000000392070_00150_33270_6390.N1	11-JUL-2008 08:35:13	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	33270	No
87	GOM_NL__2PRFIN20080711_083811_000000362070_00150_33270_6391.N1	11-JUL-2008 08:38:11	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33270	No
88	GOM_NL__2PRFIN20080711_084222_000000342070_00150_33270_6392.N1	11-JUL-2008 08:42:22	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	33270	No
89	GOM_NL__2PRFIN20080711_084609_000000362070_00150_33270_6393.N1	11-JUL-2008 08:46:09	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33270	No
90	GOM_NL__2PRFIN20080711_092509_000000412070_00150_33270_6394.N1	11-JUL-2008 09:25:09	Dark	41.000	157	The1Eri	2.9060	9300.0	82	33270	No
91	GOM_NL__2PRFIN20080711_093120_000000442070_00151_33271_6404.N1	11-JUL-2008 09:31:20	Dark	44.000	9	Alp Eri	0.45300	24000.	88	33271	No
92	GOM_NL__2PRFIN20080711_093513_000000372070_00151_33271_6405.N1	11-JUL-2008 09:35:13	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33271	No
93	GOM_NL__2PRFIN20080711_093854_000000342070_00151_33271_6406.N1	11-JUL-2008 09:38:54	Straylight	34.000	148	Alp Tuc	2.8780	4100.0	68	33271	No
94	GOM_NL__2PRFIN20080711_094255_000000402070_00151_33271_6407.N1	11-JUL-2008 09:42:55	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	33271	No
95	GOM_NL__2PRFIN20080711_094729_000000382070_00151_33271_6408.N1	11-JUL-2008 09:47:29	Twilight	37.500	147	Alp Ara	2.8770	26000.	75	33271	No
96	GOM_NL__2PRFIN20080711_094920_000000422070_00151_33271_6409.N1	11-JUL-2008 09:49:20	Twilight	41.500	40	The Sco	1.8590	7100.0	83	33271	No
97	GOM_NL__2PRFIN20080711_095100_000000472070_00151_33271_6410.N1	11-JUL-2008 09:51:00	Bright	47.000	25	35Lam Sco	1.6200	28000.	94	33271	No
98	GOM_NL__2PRFIN20080711_095339_000000392070_00151_33271_6411.N1	11-JUL-2008 09:53:39	Bright	39.000	137	22Lam Sgr	2.8240	4400.0	78	33271	No
99	GOM_NL__2PRFIN20080711_095710_000000362070_00151_33271_6412.N1	11-JUL-2008 09:57:10	Bright	35.500	86	35Eta Oph	2.4300	10200.	71	33271	No
100	GOM_NL__2PRFIN20080711_100229_000000352070_00151_33271_6413.N1	11-JUL-2008 10:02:29	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	33271	No
101	GOM_NL__2PRFIN20080711_100447_000000382070_00151_33271_6414.N1	11-JUL-2008 10:04:47	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	33271	No



102	GOM_NL__2PRFIN20080711_101549_000000382070_00151_33271_6415.N1	11-JUL-2008 10:15:49	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	33271	No
103	GOM_NL__2PRFIN20080711_101847_000000362070_00151_33271_6416.N1	11-JUL-2008 10:18:47	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33271	No
104	GOM_NL__2PRFIN20080711_102258_000000372070_00151_33271_6417.N1	11-JUL-2008 10:22:58	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	33271	No
105	GOM_NL__2PRFIN20080711_102645_000000362070_00151_33271_6418.N1	11-JUL-2008 10:26:45	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33271	No
106	GOM_NL__2PRFIN20080711_105408_000000422070_00151_33271_6419.N1	11-JUL-2008 10:54:08	Dark	42.000	7	19Bet Ori	0.10000	14000.	84	33271	No
107	GOM_NL__2PRFIN20080711_110545_000000412070_00151_33271_6420.N1	11-JUL-2008 11:05:45	Dark	41.000	157	The1Eri	2.9060	9300.0	82	33271	No
108	GOM_NL__2PRFIN20080711_111156_000000462070_00152_33272_6415.N1	11-JUL-2008 11:11:56	Dark	45.500	9	Alp Eri	0.45300	24000.	91	33272	No
109	GOM_NL__2PRFIN20080711_111549_000000372070_00152_33272_6416.N1	11-JUL-2008 11:15:49	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33272	No
110	GOM_NL__2PRFIN20080711_111930_000000352070_00152_33272_6417.N1	11-JUL-2008 11:19:30	Straylight	35.000	148	Alp Tuc	2.8780	4100.0	70	33272	No
111	GOM_NL__2PRFIN20080711_112332_000000402070_00152_33272_6418.N1	11-JUL-2008 11:23:32	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33272	No
112	GOM_NL__2PRFIN20080711_112805_000000382070_00152_33272_6419.N1	11-JUL-2008 11:28:05	Tw_i_and_stray	38.000	147	Alp Ara	2.8770	26000.	76	33272	No
113	GOM_NL__2PRFIN20080711_112956_000000412070_00152_33272_6420.N1	11-JUL-2008 11:29:56	Tw_i_and_stray	40.500	40	The Sco	1.8590	7100.0	81	33272	No
114	GOM_NL__2PRFIN20080711_113136_000000422070_00152_33272_6421.N1	11-JUL-2008 11:31:36	Bright	42.000	25	35Lam Sco	1.6200	28000.	84	33272	No
115	GOM_NL__2PRFIN20080711_113415_000000372070_00152_33272_6422.N1	11-JUL-2008 11:34:15	Bright	36.500	137	22Lam Sgr	2.8240	4400.0	73	33272	No
116	GOM_NL__2PRFIN20080711_113746_000000372070_00152_33272_6423.N1	11-JUL-2008 11:37:46	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33272	No
117	GOM_NL__2PRFIN20080711_114305_000000362070_00152_33272_6424.N1	11-JUL-2008 11:43:05	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	33272	No
118	GOM_NL__2PRFIN20080711_114523_000000362070_00152_33272_6425.N1	11-JUL-2008 11:45:23	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	33272	No
119	GOM_NL__2PRFIN20080711_115108_000000362070_00152_33272_6426.N1	11-JUL-2008 11:51:08	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	33272	No
120	GOM_NL__2PRFIN20080711_115624_000000352070_00152_33272_6427.N1	11-JUL-2008 11:56:24	Bright	35.000	69	33Gam Dra	2.2310	3800.0	70	33272	No
121	GOM_NL__2PRFIN20080711_115923_000000362070_00152_33272_6428.N1	11-JUL-2008 11:59:23	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	33272	No
122	GOM_NL__2PRFIN20080711_120335_000000352070_00152_33272_6429.N1	11-JUL-2008 12:03:35	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	33272	No
123	GOM_NL__2PRFIN20080711_120721_000000372070_00152_33272_6430.N1	11-JUL-2008 12:07:21	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33272	No
124	GOM_NL__2PRFIN20080711_124622_000000422070_00152_33272_6431.N1	11-JUL-2008 12:46:22	Dark	41.500	157	The1Eri	2.9060	9300.0	83	33272	No
125	GOM_NL__2PRFIN20080711_125233_000000412070_00153_33273_6435.N1	11-JUL-2008 12:52:33	Dark	41.000	9	Alp Eri	0.45300	24000.	82	33273	No
126	GOM_NL__2PRFIN20080711_125626_000000362070_00153_33273_6436.N1	11-JUL-2008 12:56:26	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	33273	No
127	GOM_NL__2PRFIN20080711_130007_000000352070_00153_33273_6437.N1	11-JUL-2008 13:00:07	Straylight	35.000	148	Alp Tuc	2.8780	4100.0	70	33273	No
128	GOM_NL__2PRFIN20080711_130408_000000402070_00153_33273_6438.N1	11-JUL-2008 13:04:08	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33273	No
129	GOM_NL__2PRFIN20080711_130841_000000382070_00153_33273_6439.N1	11-JUL-2008 13:08:41	Tw_i_and_stray	38.000	147	Alp Ara	2.8770	26000.	76	33273	No
130	GOM_NL__2PRFIN20080711_131032_000000402070_00153_33273_6440.N1	11-JUL-2008 13:10:32	Tw_i_and_stray	40.000	40	The Sco	1.8590	7100.0	80	33273	No
131	GOM_NL__2PRFIN20080711_131212_000000392070_00153_33273_6441.N1	11-JUL-2008 13:12:12	Bright	38.500	25	35Lam Sco	1.6200	28000.	77	33273	No
132	GOM_NL__2PRFIN20080711_131451_000000382070_00153_33273_6442.N1	11-JUL-2008 13:14:51	Bright	37.500	137	22Lam Sgr	2.8240	4400.0	75	33273	No
133	GOM_NL__2PRFIN20080711_131822_000000362070_00153_33273_6443.N1	11-JUL-2008 13:18:22	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33273	No
134	GOM_NL__2PRFIN20080711_132341_000000362070_00153_33273_6444.N1	11-JUL-2008 13:23:41	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	33273	No
135	GOM_NL__2PRFIN20080711_132558_000000352070_00153_33273_6445.N1	11-JUL-2008 13:25:58	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	33273	No
136	GOM_NL__2PRFIN20080711_132911_000000352070_00153_33273_6446.N1	11-JUL-2008 13:29:11	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	33273	No
137	GOM_NL__2PRFIN20080711_133144_000000362070_00153_33273_6447.N1	11-JUL-2008 13:31:44	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	33273	No
138	GOM_NL__2PRFIN20080711_133700_000000412070_00153_33273_6448.N1	11-JUL-2008 13:37:00	Bright	40.500	69	33Gam Dra	2.2310	3800.0	81	33273	No
139	GOM_NL__2PRFIN20080711_134000_000000372070_00153_33273_6449.N1	11-JUL-2008 13:40:00	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	33273	No
140	GOM_NL__2PRFIN20080711_134411_000000352070_00153_33273_6450.N1	11-JUL-2008 13:44:11	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	33273	No
141	GOM_NL__2PRFIN20080711_134757_000000332070_00153_33273_6451.N1	11-JUL-2008 13:47:57	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	33273	No
142	GOM_NL__2PRFIN20080711_142658_000000412070_00153_33273_6452.N1	11-JUL-2008 14:26:58	Dark	41.000	157	The1Eri	2.9060	9300.0	82	33273	No
143	GOM_NL__2PRFIN20080711_143309_000000422070_00154_33274_6442.N1	11-JUL-2008 14:33:09	Dark	42.000	9	Alp Eri	0.45300	24000.	84	33274	No
144	GOM_NL__2PRFIN20080711_143702_000000382070_00154_33274_6443.N1	11-JUL-2008 14:37:02	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	33274	No
145	GOM_NL__2PRFIN20080711_144043_000000362070_00154_33274_6444.N1	11-JUL-2008 14:40:43	Straylight	36.000	148	Alp Tuc	2.8780	4100.0	72	33274	No
146	GOM_NL__2PRFIN20080711_144444_000000402070_00154_33274_6445.N1	11-JUL-2008 14:44:44	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33274	No
147	GOM_NL__2PRFIN20080711_144917_000000372070_00154_33274_6446.N1	11-JUL-2008 14:49:17	Tw_i_and_stray	36.500	147	Alp Ara	2.8770	26000.	73	33274	No
148	GOM_NL__2PRFIN20080711_145108_000000422070_00154_33274_6447.N1	11-JUL-2008 14:51:08	Tw_i_and_stray	41.500	40	The Sco	1.8590	7100.0	83	33274	No
149	GOM_NL__2PRFIN20080711_145248_000000412070_00154_33274_6448.N1	11-JUL-2008 14:52:48	Bright	40.500	25	35Lam Sco	1.6200	28000.	81	33274	No
150	GOM_NL__2PRFIN20080711_145418_000000382070_00154_33274_6449.N1	11-JUL-2008 14:54:18	Bright	38.000	116	19Del Sgr	2.7000	4100.0	76	33274	No
151	GOM_NL__2PRFIN20080711_145527_000000382070_00154_33274_6450.N1	11-JUL-2008 14:55:27	Bright	38.000	137	22Lam Sgr	2.8240	4400.0	76	33274	No
152	GOM_NL__2PRFIN20080711_145858_000000372070_00154_33274_6451.N1	11-JUL-2008 14:58:58	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	33274	No
153	GOM_NL__2PRFIN20080711_150417_000000352070_00154_33274_6452.N1	11-JUL-2008 15:04:17	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	33274	No
154	GOM_NL__2PRFIN20080711_150635_000000342070_00154_33274_6453.N1	11-JUL-2008 15:06:35	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	33274	No
155	GOM_NL__2PRFIN20080711_151736_000000382070_00154_33274_6454.N1	11-JUL-2008 15:17:36	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	33274	No
156	GOM_NL__2PRFIN20080711_152036_000000362070_00154_33274_6455.N1	11-JUL-2008 15:20:36	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	33274	No
157	GOM_NL__2PRFIN20080711_152447_000000332070_00154_33274_6456.N1	11-JUL-2008 15:24:47	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	33274	No
158	GOM_NL__2PRFIN20080711_152833_000000372070_00154_33274_6457.N1	11-JUL-2008 15:28:33	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33274	No
159	GOM_NL__2PRFIN20080711_160735_000000422070_00154_33274_6458.N1	11-JUL-2008 16:07:35	Dark	41.500	157	The1Eri	2.9060	9300.0	83	33274	No
160	GOM_NL__2PRFIN20080711_161346_000000432070_00155_33275_6449.N1	11-JUL-2008 16:13:46	Dark	42.500	9	Alp Eri	0.45300	24000.	85	33275	No

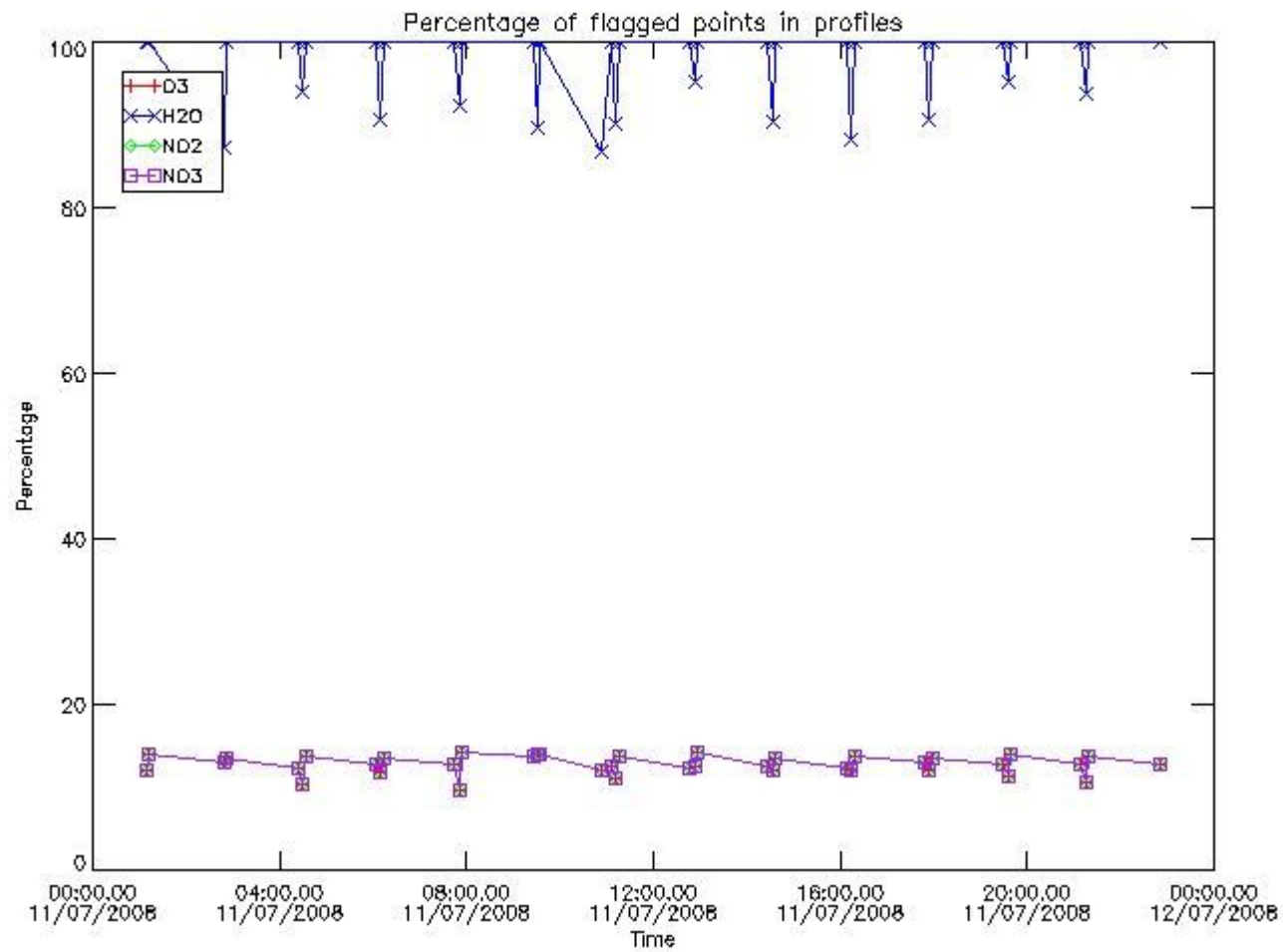
161	GOM_NL__2PRFIN20080711_161738_000000372070_00155_33275_6450.N1	11-JUL-2008 16:17:38	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33275	No
162	GOM_NL__2PRFIN20080711_162120_000000362070_00155_33275_6451.N1	11-JUL-2008 16:21:20	Straylight	36.000	148	Alp Tuc	2.8780	4100.0	72	33275	No
163	GOM_NL__2PRFIN20080711_162521_000000402070_00155_33275_6452.N1	11-JUL-2008 16:25:21	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33275	No
164	GOM_NL__2PRFIN20080711_162953_000000372070_00155_33275_6453.N1	11-JUL-2008 16:29:53	Twi_and_stray	37.000	147	Alp Ara	2.8770	26000.	74	33275	No
165	GOM_NL__2PRFIN20080711_163324_000000412070_00155_33275_6454.N1	11-JUL-2008 16:33:24	Bright	41.000	25	35Lam Sco	1.6200	28000.	82	33275	No
166	GOM_NL__2PRFIN20080711_163454_000000402070_00155_33275_6455.N1	11-JUL-2008 16:34:54	Bright	40.000	116	19Del Sgr	2.7000	4100.0	80	33275	No
167	GOM_NL__2PRFIN20080711_163604_000000382070_00155_33275_6456.N1	11-JUL-2008 16:36:04	Bright	38.000	137	22Lam Sgr	2.8240	4400.0	76	33275	No
168	GOM_NL__2PRFIN20080711_163934_000000372070_00155_33275_6457.N1	11-JUL-2008 16:39:34	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33275	No
169	GOM_NL__2PRFIN20080711_164453_000000362070_00155_33275_6458.N1	11-JUL-2008 16:44:53	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	33275	No
170	GOM_NL__2PRFIN20080711_164711_000000372070_00155_33275_6459.N1	11-JUL-2008 16:47:11	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	33275	No
171	GOM_NL__2PRFIN20080711_165812_000000382070_00155_33275_6460.N1	11-JUL-2008 16:58:12	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	33275	No
172	GOM_NL__2PRFIN20080711_170112_000000362070_00155_33275_6461.N1	11-JUL-2008 17:01:12	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33275	No
173	GOM_NL__2PRFIN20080711_170523_000000332070_00155_33275_6462.N1	11-JUL-2008 17:05:23	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	33275	No
174	GOM_NL__2PRFIN20080711_170909_000000362070_00155_33275_6463.N1	11-JUL-2008 17:09:09	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33275	No
175	GOM_NL__2PRFIN20080711_174812_000000392070_00155_33275_6464.N1	11-JUL-2008 17:48:12	Dark	39.000	157	The1Eri	2.9060	9300.0	78	33275	No
176	GOM_NL__2PRFIN20080711_175423_000000432070_00156_33276_6464.N1	11-JUL-2008 17:54:23	Dark	42.500	9	Alp Eri	0.45300	24000.	85	33276	No
177	GOM_NL__2PRFIN20080711_175814_000000382070_00156_33276_6465.N1	11-JUL-2008 17:58:14	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	33276	No
178	GOM_NL__2PRFIN20080711_180156_000000382070_00156_33276_6466.N1	11-JUL-2008 18:01:56	Straylight	38.000	148	Alp Tuc	2.8780	4100.0	76	33276	No
179	GOM_NL__2PRFIN20080711_180557_000000402070_00156_33276_6467.N1	11-JUL-2008 18:05:57	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	33276	No
180	GOM_NL__2PRFIN20080711_181220_000000382070_00156_33276_6468.N1	11-JUL-2008 18:12:20	Twi_and_stray	37.500	40	The Sco	1.8590	7100.0	75	33276	No
181	GOM_NL__2PRFIN20080711_181400_000000472070_00156_33276_6469.N1	11-JUL-2008 18:14:00	Bright	47.000	25	35Lam Sco	1.6200	28000.	94	33276	No
182	GOM_NL__2PRFIN20080711_181530_000000392070_00156_33276_6470.N1	11-JUL-2008 18:15:30	Bright	38.500	116	19Del Sgr	2.7000	4100.0	77	33276	No
183	GOM_NL__2PRFIN20080711_181640_000000412070_00156_33276_6471.N1	11-JUL-2008 18:16:40	Bright	40.500	137	22Lam Sgr	2.8240	4400.0	81	33276	No
184	GOM_NL__2PRFIN20080711_182010_000000372070_00156_33276_6472.N1	11-JUL-2008 18:20:10	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	33276	No
185	GOM_NL__2PRFIN20080711_182529_000000372070_00156_33276_6473.N1	11-JUL-2008 18:25:29	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	33276	No
186	GOM_NL__2PRFIN20080711_182747_000000372070_00156_33276_6474.N1	11-JUL-2008 18:27:47	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	33276	No
187	GOM_NL__2PRFIN20080711_183848_000000412070_00156_33276_6475.N1	11-JUL-2008 18:38:48	Bright	40.500	69	33Gam Dra	2.2310	3800.0	81	33276	No
188	GOM_NL__2PRFIN20080711_184148_000000362070_00156_33276_6476.N1	11-JUL-2008 18:41:48	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33276	No
189	GOM_NL__2PRFIN20080711_184559_000000372070_00156_33276_6477.N1	11-JUL-2008 18:45:59	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	33276	No
190	GOM_NL__2PRFIN20080711_184945_000000372070_00156_33276_6478.N1	11-JUL-2008 18:49:45	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33276	No
191	GOM_NL__2PRFIN20080711_191046_000000512070_00156_33276_6479.N1	11-JUL-2008 19:10:46	Twilight	50.500	13	87Alp Tau	0.86700	3800.0	101	33276	No
192	GOM_NL__2PRFIN20080711_192848_000000402070_00156_33276_6480.N1	11-JUL-2008 19:28:48	Dark	40.000	157	The1Eri	2.9060	9300.0	80	33276	No
193	GOM_NL__2PRFIN20080711_193459_000000542070_00157_33277_6472.N1	11-JUL-2008 19:34:59	Dark	53.500	9	Alp Eri	0.45300	24000.	107	33277	No
194	GOM_NL__2PRFIN20080711_193850_000000372070_00157_33277_6473.N1	11-JUL-2008 19:38:50	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33277	No
195	GOM_NL__2PRFIN20080711_194233_000000382070_00157_33277_6474.N1	11-JUL-2008 19:42:33	Straylight	38.000	148	Alp Tuc	2.8780	4100.0	76	33277	No
196	GOM_NL__2PRFIN20080711_194633_000000392070_00157_33277_6475.N1	11-JUL-2008 19:46:33	Straylight	38.500	45	Alp Pav	1.9400	26000.	77	33277	No
197	GOM_NL__2PRFIN20080711_195105_000000402070_00157_33277_6476.N1	11-JUL-2008 19:51:05	Twi_and_stray	39.500	147	Alp Ara	2.8770	26000.	79	33277	No
198	GOM_NL__2PRFIN20080711_195257_000000382070_00157_33277_6477.N1	11-JUL-2008 19:52:57	Twi_and_stray	38.000	40	The Sco	1.8590	7100.0	76	33277	No
199	GOM_NL__2PRFIN20080711_195436_000000392070_00157_33277_6478.N1	11-JUL-2008 19:54:36	Bright	39.000	25	35Lam Sco	1.6200	28000.	78	33277	No
200	GOM_NL__2PRFIN20080711_195606_000000402070_00157_33277_6479.N1	11-JUL-2008 19:56:06	Bright	39.500	116	19Del Sgr	2.7000	4100.0	79	33277	No
201	GOM_NL__2PRFIN20080711_195716_000000392070_00157_33277_6480.N1	11-JUL-2008 19:57:16	Bright	38.500	137	22Lam Sgr	2.8240	4400.0	77	33277	No
202	GOM_NL__2PRFIN20080711_200046_000000372070_00157_33277_6481.N1	11-JUL-2008 20:00:46	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33277	No
203	GOM_NL__2PRFIN20080711_200605_000000362070_00157_33277_6482.N1	11-JUL-2008 20:06:05	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	33277	No
204	GOM_NL__2PRFIN20080711_200823_000000372070_00157_33277_6483.N1	11-JUL-2008 20:08:23	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	33277	No
205	GOM_NL__2PRFIN20080711_201135_000000362070_00157_33277_6484.N1	11-JUL-2008 20:11:35	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	33277	No
206	GOM_NL__2PRFIN20080711_201409_000000342070_00157_33277_6485.N1	11-JUL-2008 20:14:09	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	33277	No
207	GOM_NL__2PRFIN20080711_201924_000000352070_00157_33277_6486.N1	11-JUL-2008 20:19:24	Bright	34.500	69	33Gam Dra	2.2310	3800.0	69	33277	No
208	GOM_NL__2PRFIN20080711_202224_000000362070_00157_33277_6487.N1	11-JUL-2008 20:22:24	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33277	No
209	GOM_NL__2PRFIN20080711_202635_000000372070_00157_33277_6488.N1	11-JUL-2008 20:26:35	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	33277	No
210	GOM_NL__2PRFIN20080711_203021_000000372070_00157_33277_6489.N1	11-JUL-2008 20:30:21	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33277	No
211	GOM_NL__2PRFIN20080711_205122_000000532070_00157_33277_6490.N1	11-JUL-2008 20:51:22	Twilight	52.500	13	87Alp Tau	0.86700	3800.0	105	33277	No
212	GOM_NL__2PRFIN20080711_210925_000000402070_00157_33277_6491.N1	11-JUL-2008 21:09:25	Dark	40.000	157	The1Eri	2.9060	9300.0	80	33277	No
213	GOM_NL__2PRFIN20080711_211536_000000492070_00158_33278_6479.N1	11-JUL-2008 21:15:36	Dark	48.500	9	Alp Eri	0.45300	24000.	97	33278	No
214	GOM_NL__2PRFIN20080711_211926_000000372070_00158_33278_6480.N1	11-JUL-2008 21:19:26	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33278	No
215	GOM_NL__2PRFIN20080711_212309_000000392070_00158_33278_6481.N1	11-JUL-2008 21:23:09	Straylight	39.000	148	Alp Tuc	2.8780	4100.0	78	33278	No
216	GOM_NL__2PRFIN20080711_212710_000000392070_00158_33278_6482.N1	11-JUL-2008 21:27:10	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	33278	No
217	GOM_NL__2PRFIN20080711_213141_000000382070_00158_33278_6483.N1	11-JUL-2008 21:31:41	Twi_and_stray	37.500	147	Alp Ara	2.8770	26000.	75	33278	No
218	GOM_NL__2PRFIN20080711_213333_000000442070_00158_33278_6484.N1	11-JUL-2008 21:33:33	Twi_and_stray	43.500	40	The Sco	1.8590	7100.0	87	33278	No
219	GOM_NL__2PRFIN20080711_213512_000000402070_00158_33278_6485.N1	11-JUL-2008 21:35:12	Bright	39.500	25	35Lam Sco	1.6200	28000.	79	33278	No

220	GOM_NL__2PRFIN20080711_213642_000000412070_00158_33278_6486.N1	11-JUL-2008 21:36:42	Bright	40.500	116	19Del Sgr	2.7000	4100.0	81	33278	No
221	GOM_NL__2PRFIN20080711_213752_000000402070_00158_33278_6487.N1	11-JUL-2008 21:37:52	Bright	40.000	137	22Lam Sgr	2.8240	4400.0	80	33278	No
222	GOM_NL__2PRFIN20080711_214122_000000372070_00158_33278_6488.N1	11-JUL-2008 21:41:22	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33278	No
223	GOM_NL__2PRFIN20080711_214641_000000362070_00158_33278_6489.N1	11-JUL-2008 21:46:41	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	33278	No
224	GOM_NL__2PRFIN20080711_214859_000000372070_00158_33278_6490.N1	11-JUL-2008 21:48:59	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	33278	No
225	GOM_NL__2PRFIN20080711_215212_000000352070_00158_33278_6491.N1	11-JUL-2008 21:52:12	Bright	35.000	127	27Bet Her	2.7810	4700.0	70	33278	No
226	GOM_NL__2PRFIN20080711_215445_000000372070_00158_33278_6492.N1	11-JUL-2008 21:54:45	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	33278	No
227	GOM_NL__2PRFIN20080711_215959_000000402070_00158_33278_6493.N1	11-JUL-2008 21:59:59	Bright	39.500	69	33Gam Dra	2.2310	3800.0	79	33278	No
228	GOM_NL__2PRFIN20080711_220300_000000352070_00158_33278_6494.N1	11-JUL-2008 22:03:00	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	33278	No
229	GOM_NL__2PRFIN20080711_220711_000000372070_00158_33278_6495.N1	11-JUL-2008 22:07:11	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	33278	No
230	GOM_NL__2PRFIN20080711_221057_000000362070_00158_33278_6496.N1	11-JUL-2008 22:10:57	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33278	No
231	GOM_NL__2PRFIN20080711_223158_000000532070_00158_33278_6497.N1	11-JUL-2008 22:31:58	Twilight	52.500	13	87Alp Tau	0.86700	3800.0	105	33278	No
232	GOM_NL__2PRFIN20080711_225001_000000402070_00158_33278_6498.N1	11-JUL-2008 22:50:01	Dark	39.500	157	The1Eri	2.9060	9300.0	79	33278	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.

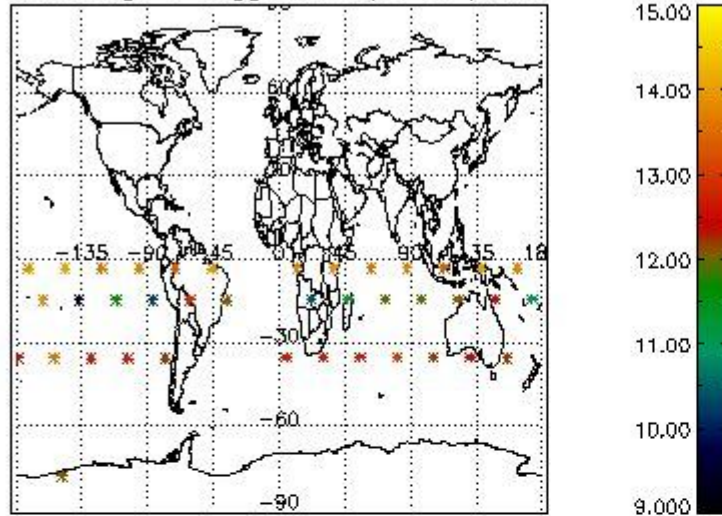
#### 3.1 Plot quality information per product (time dependant)



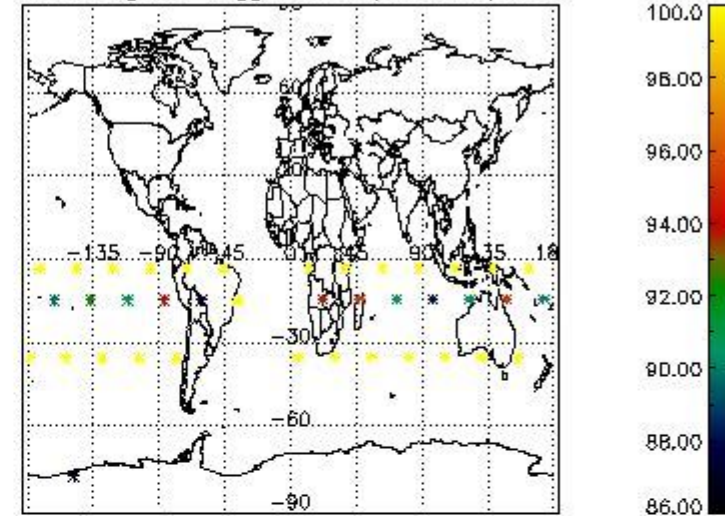
#### 3.2 Plot quality information per product (world map)



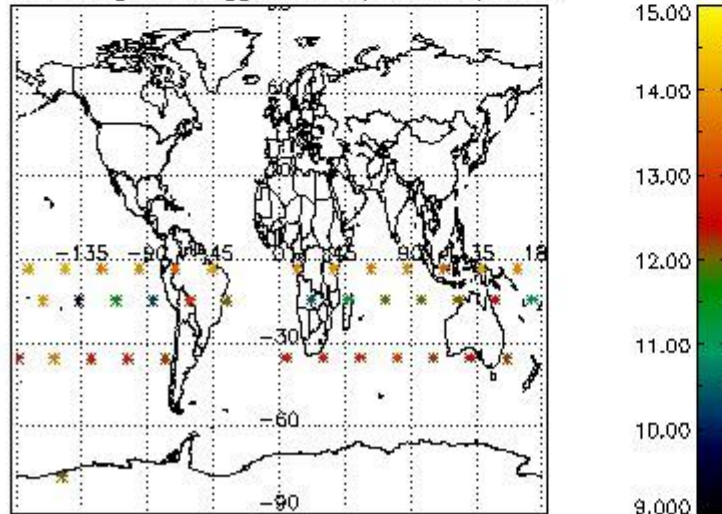
Percentage of flagged data per O3 profile



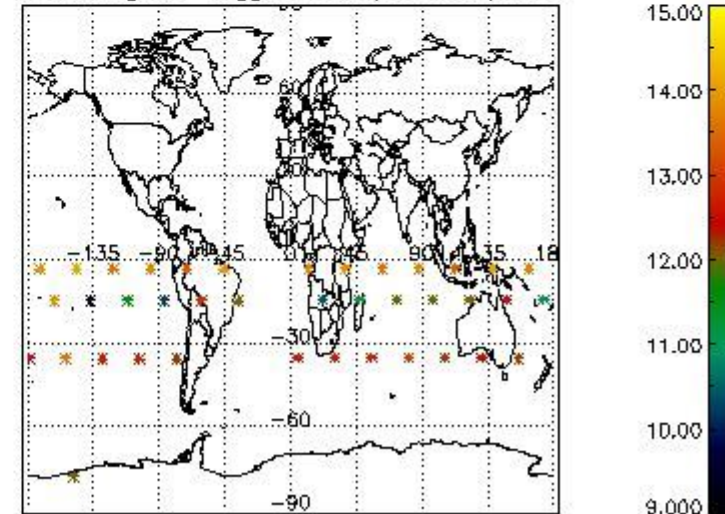
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



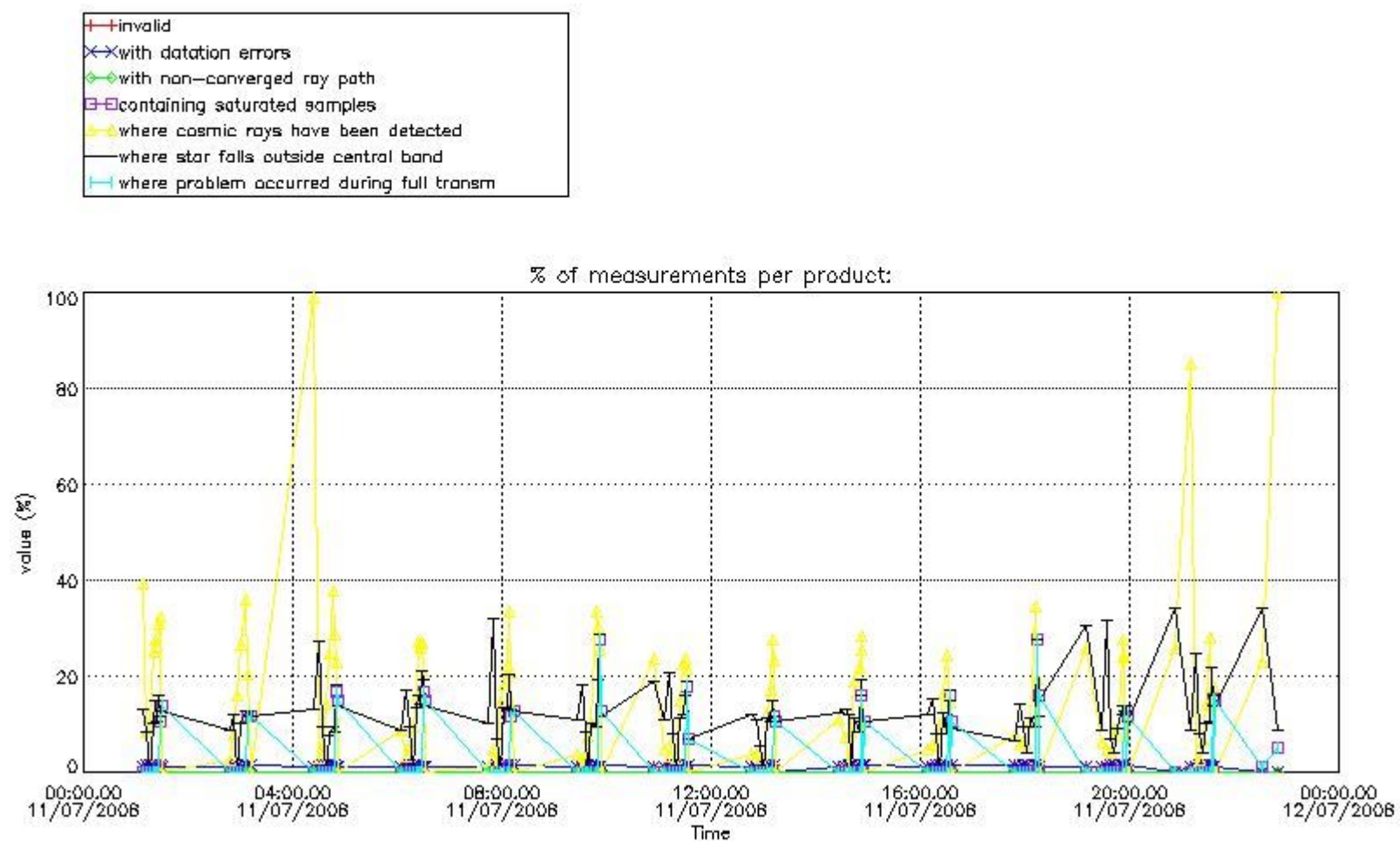
#### 4. Level 1 quality information per product

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.

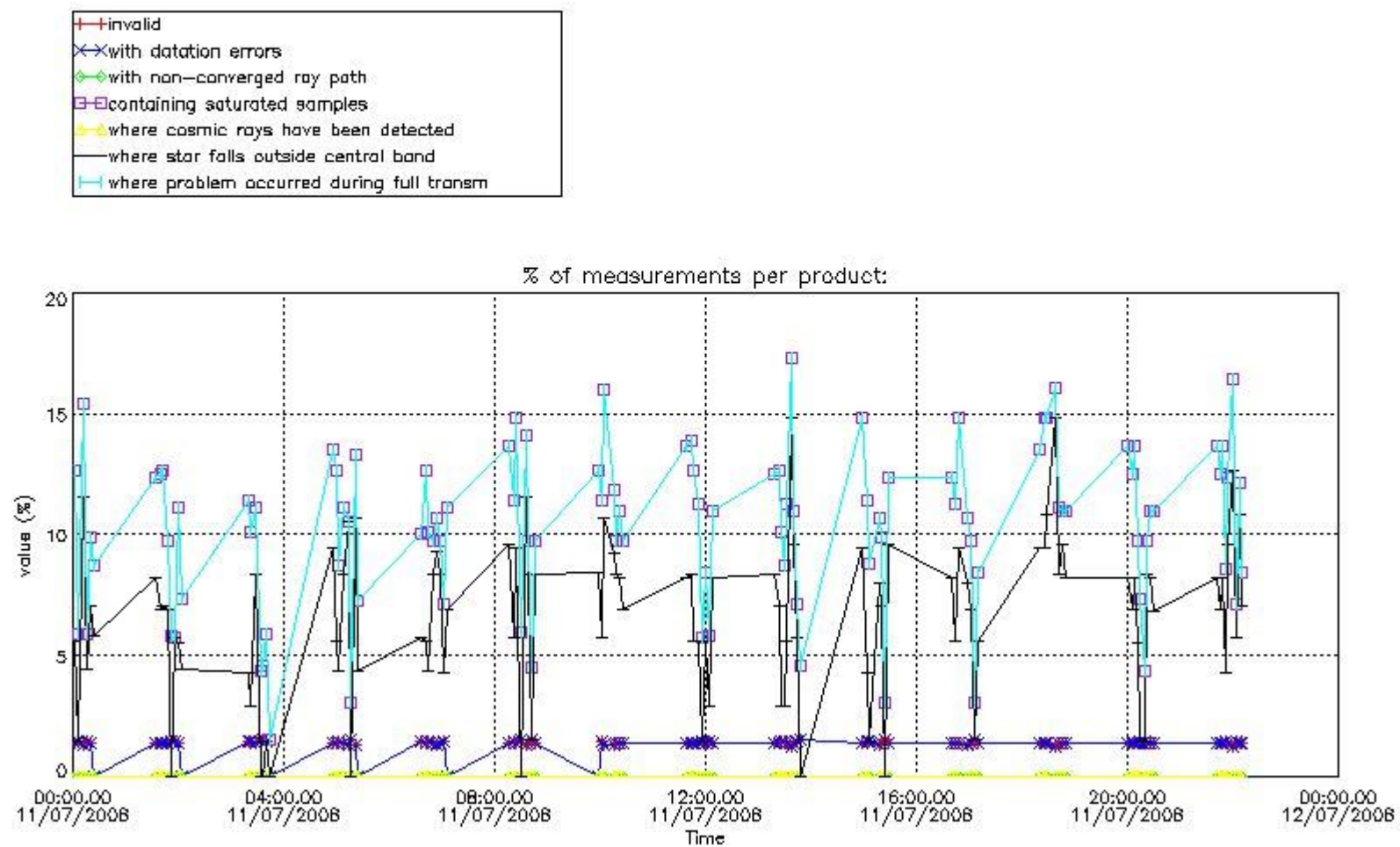
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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



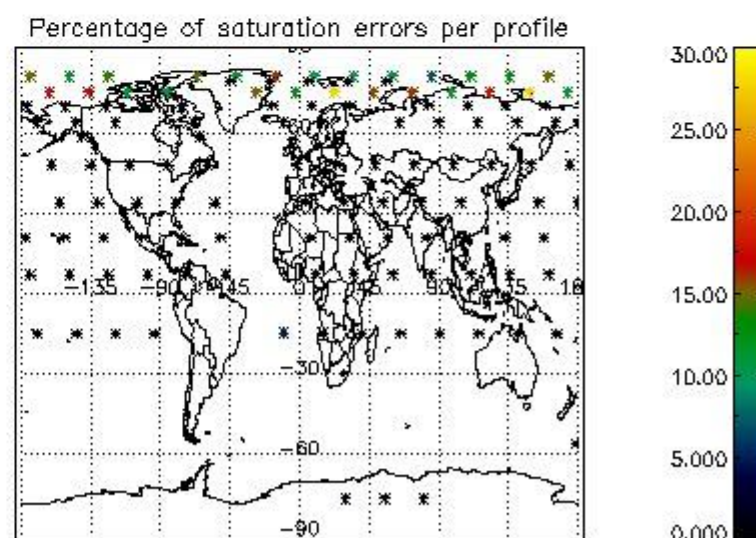
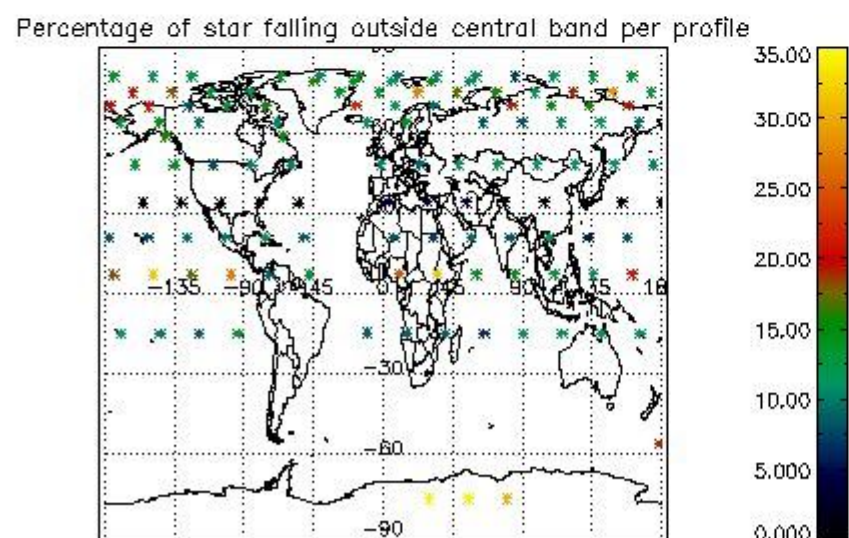
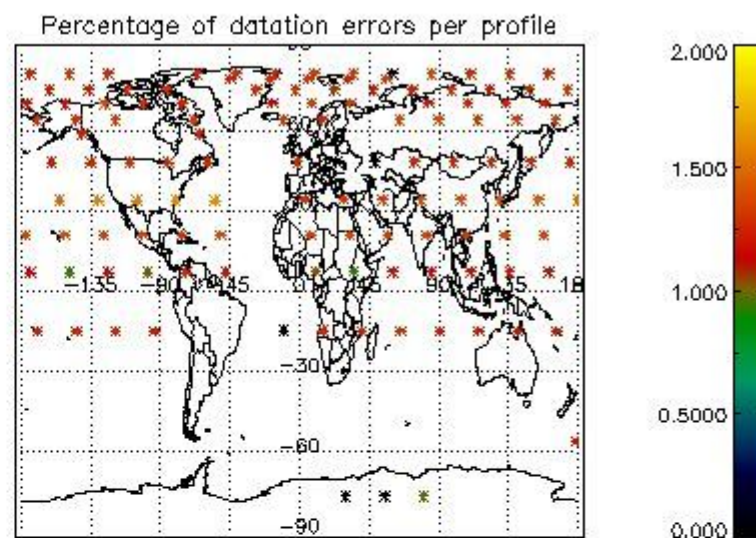
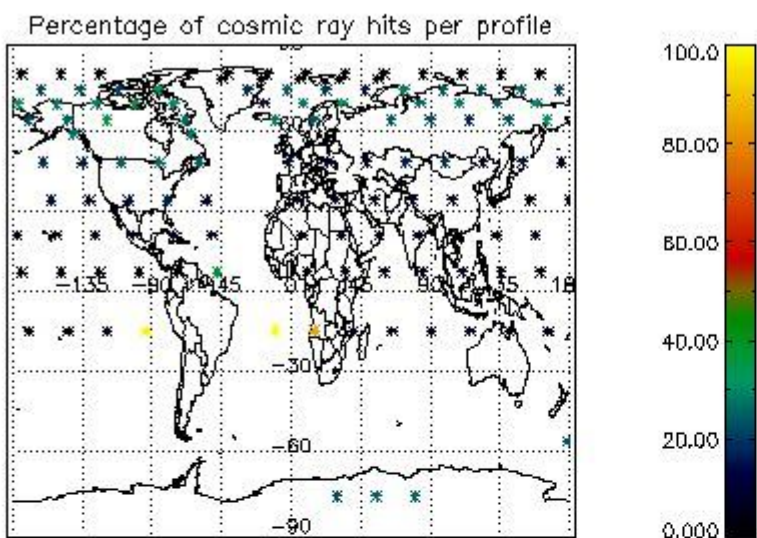


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



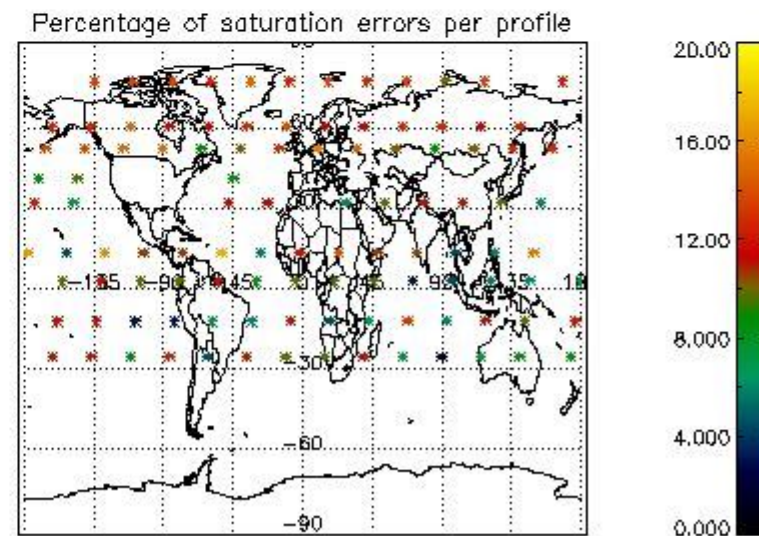
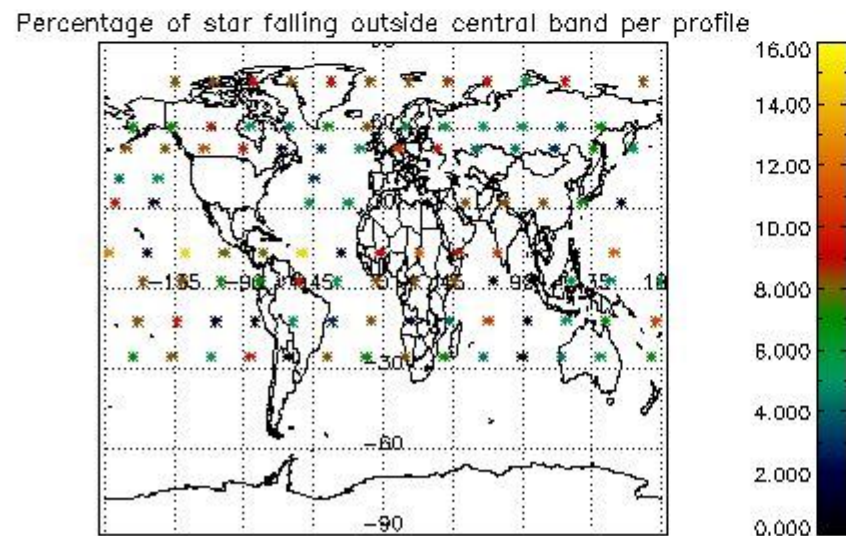
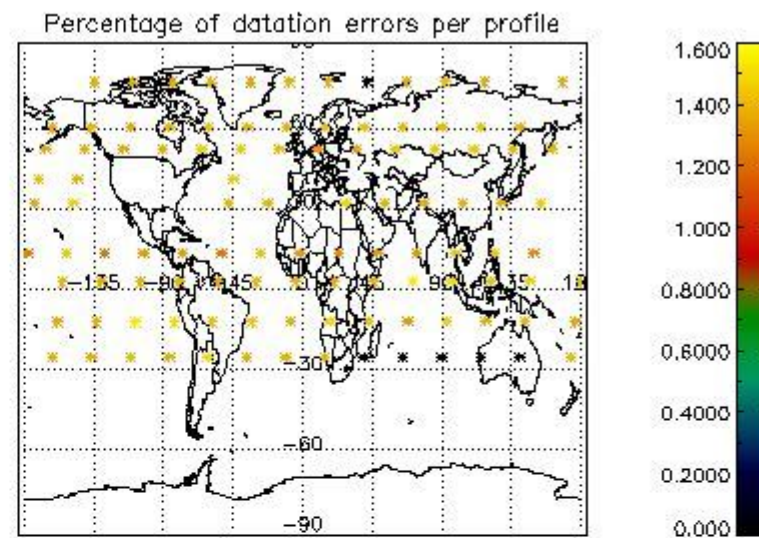
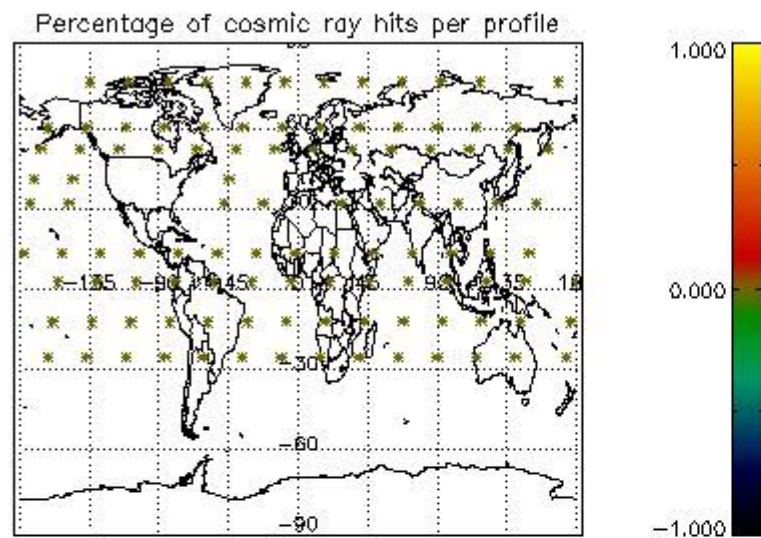
4.2 Plot quality information per product coming from level 1b processing (world map)

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.

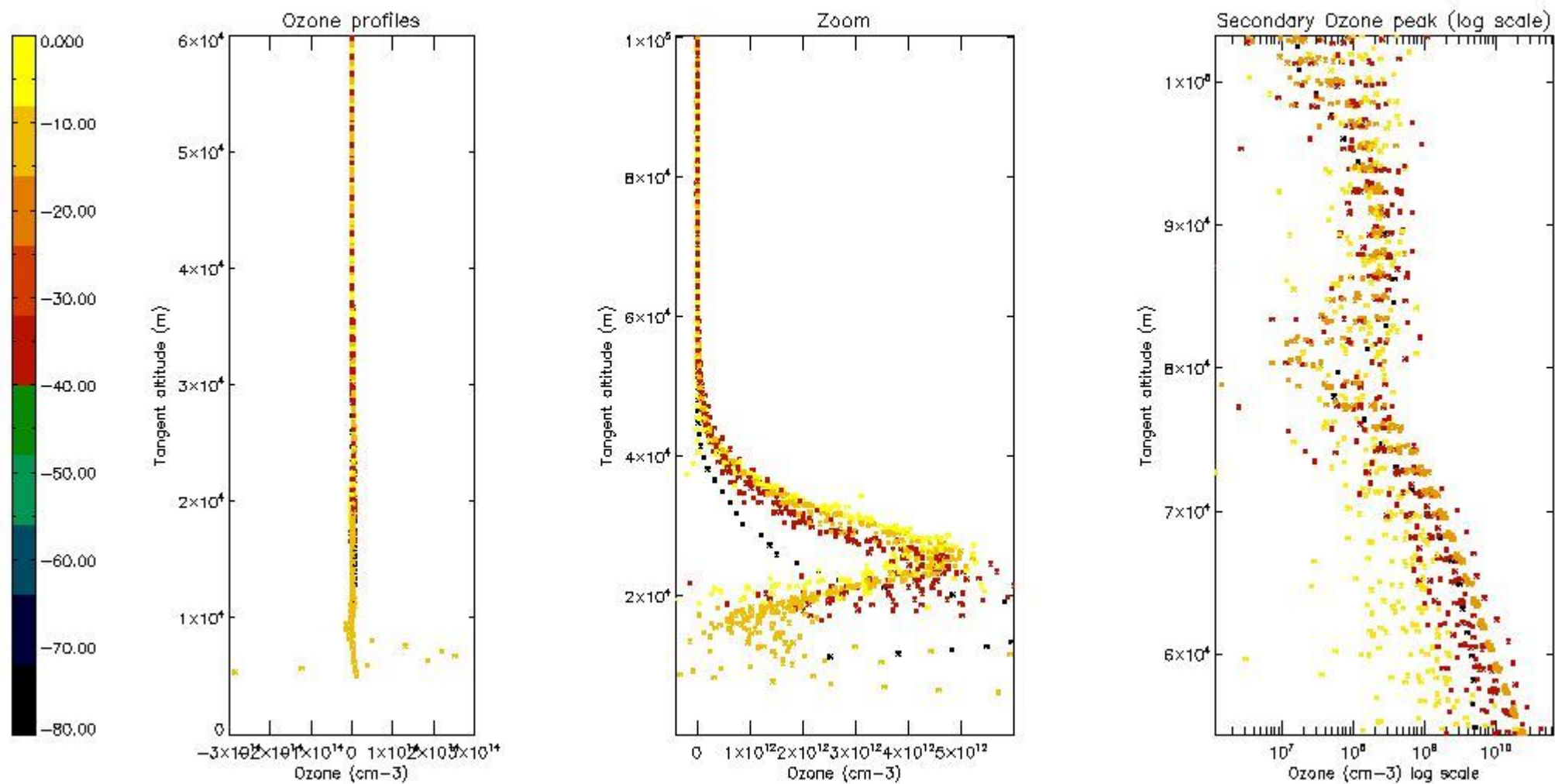
Criteria	% of total production
All STD	19
STD < 20	10



STD < 10	7
STD < 5	4

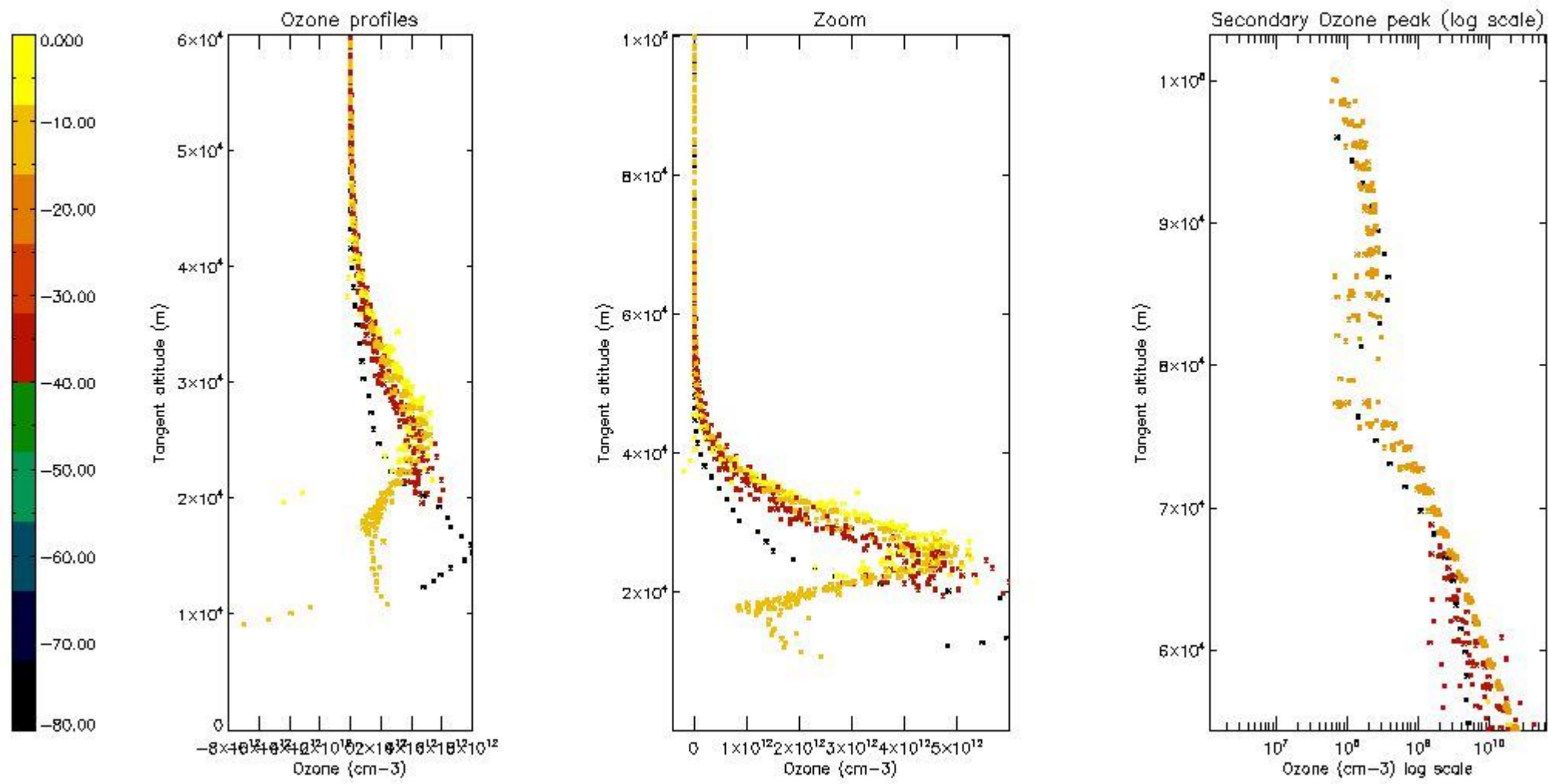
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



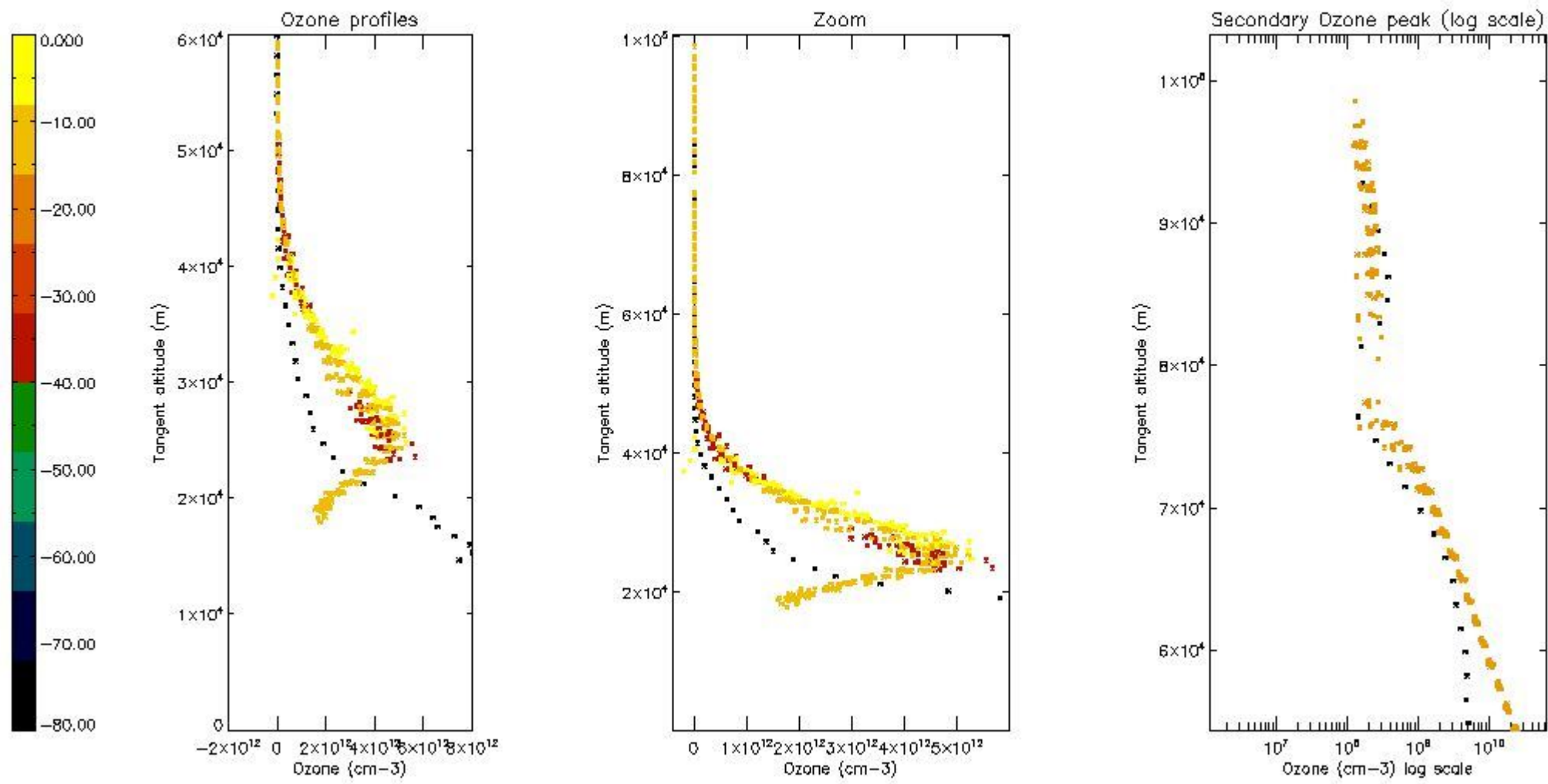
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



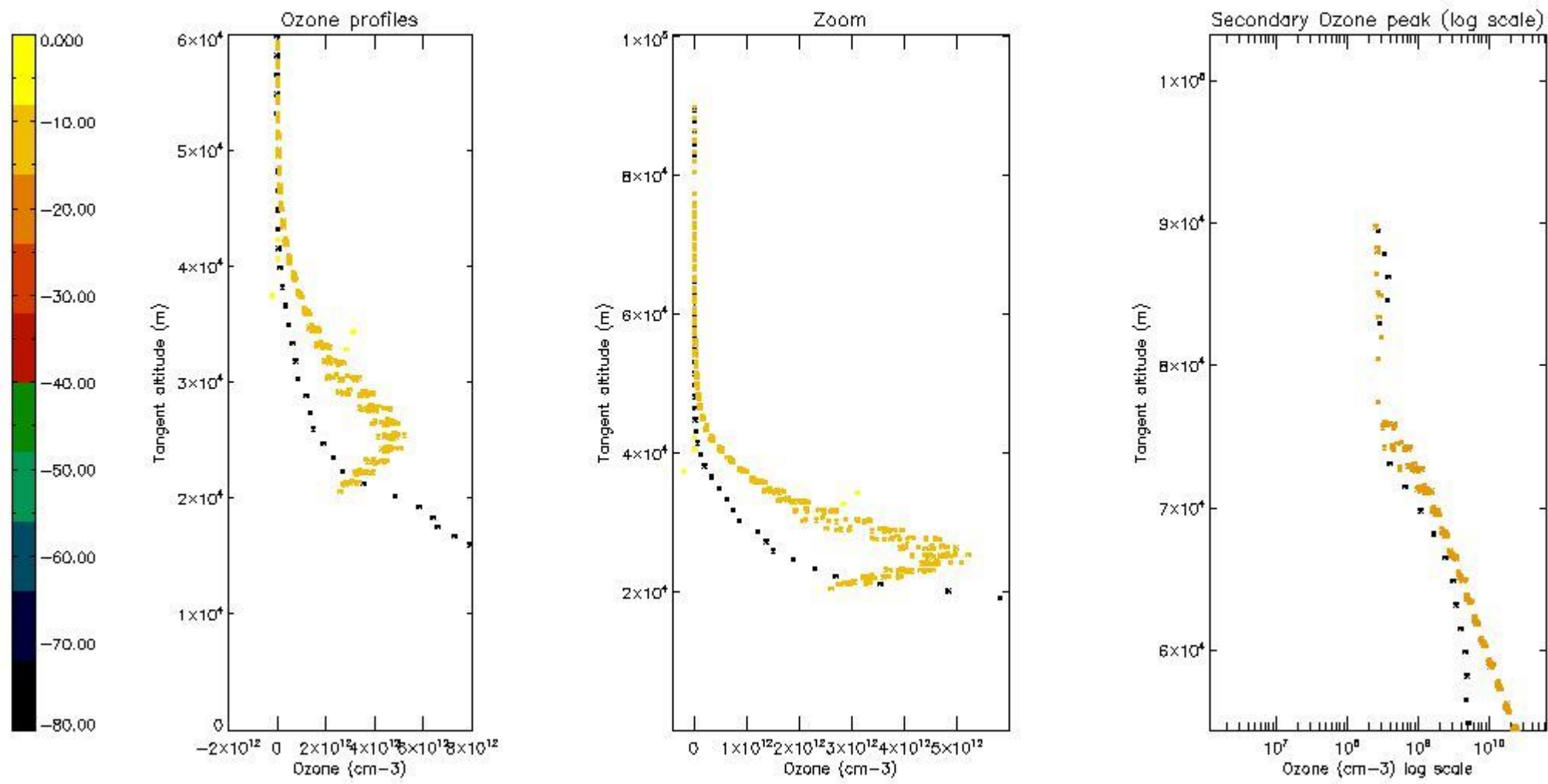
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



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

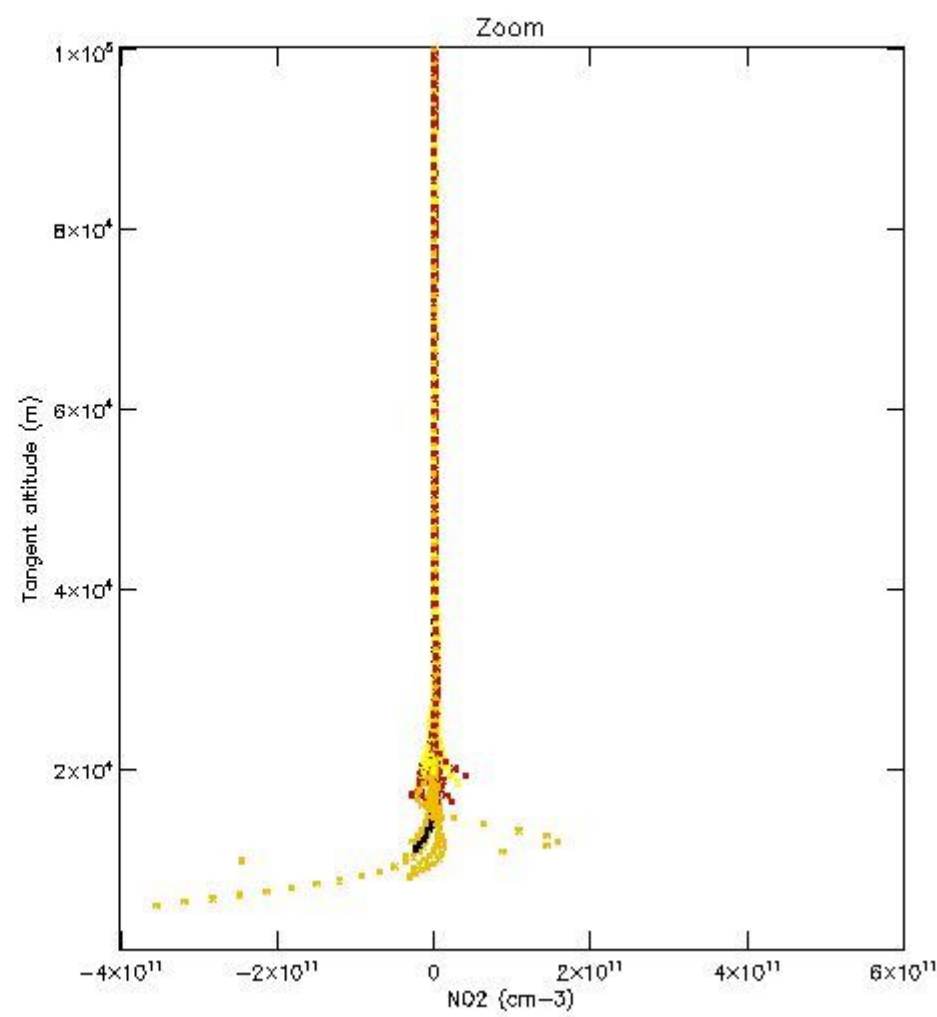
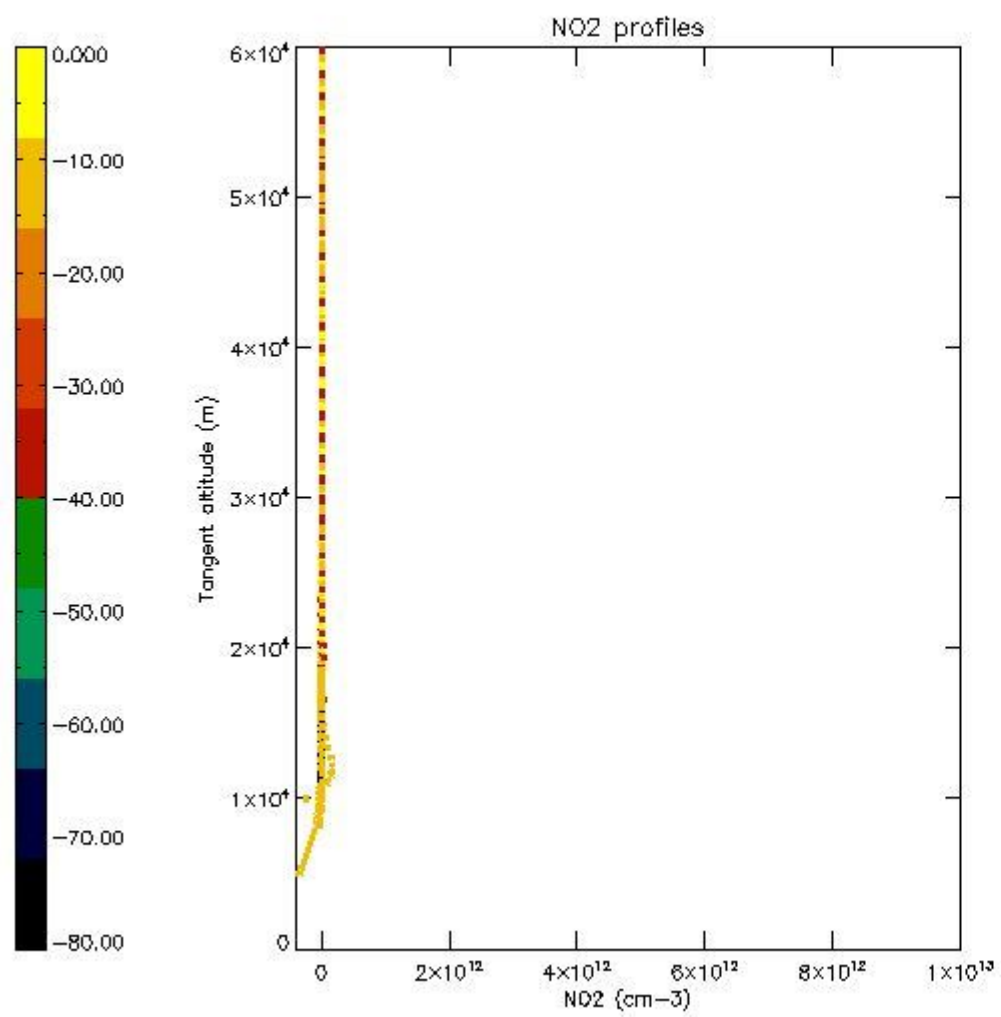
The colorbar represents the latitude.



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

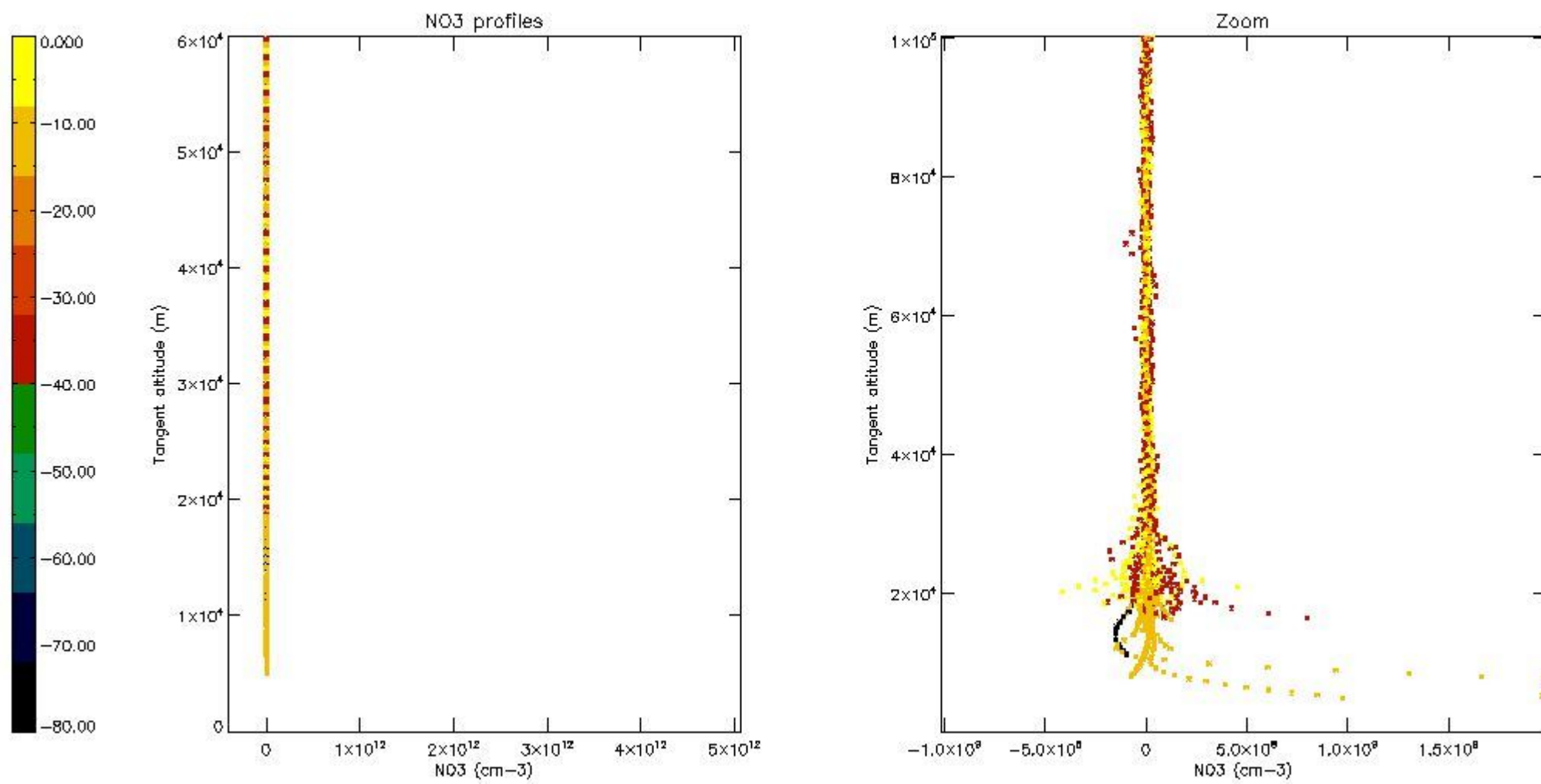
The colorbar represents the latitude.





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

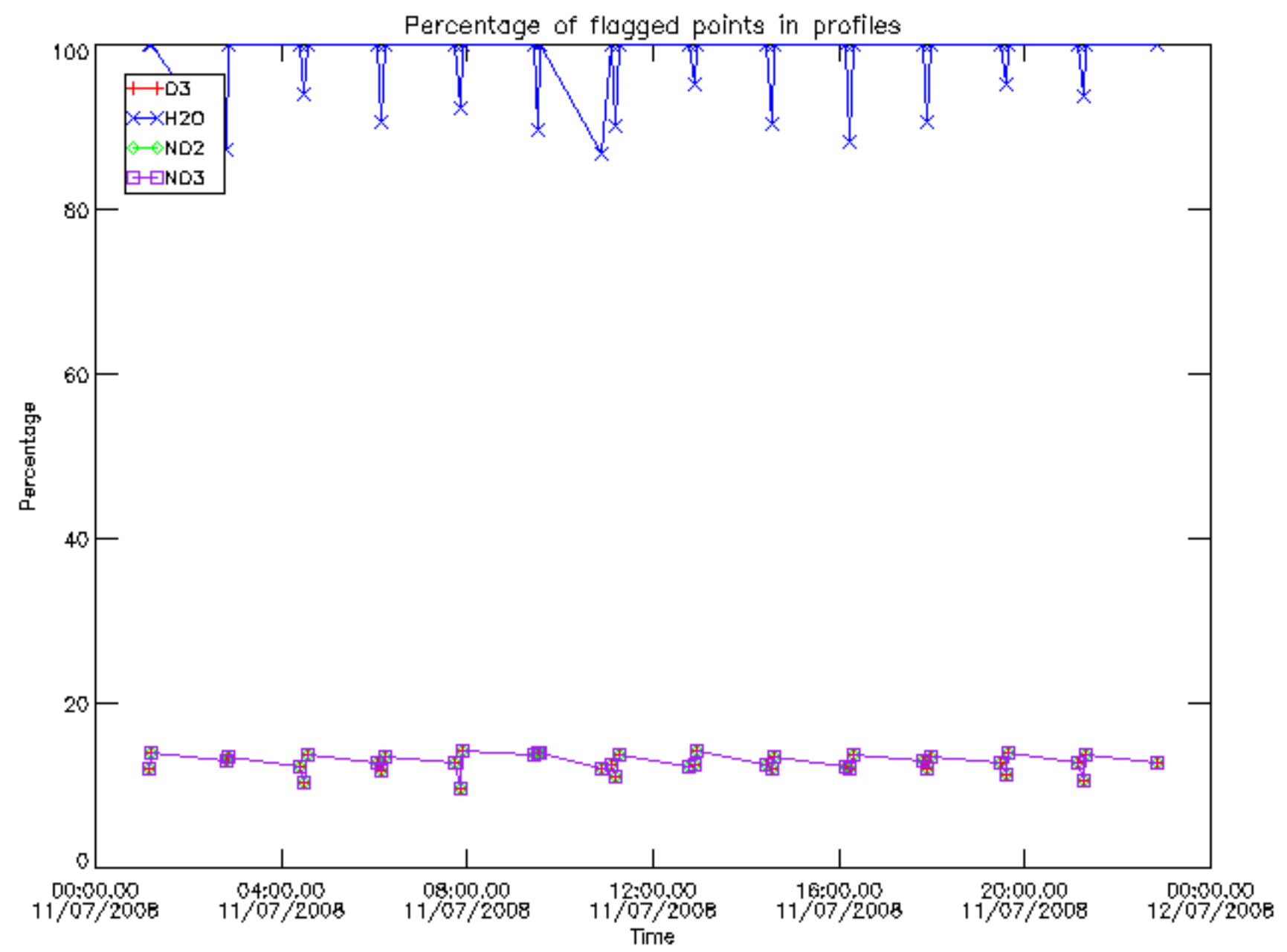
The colorbar represents the latitude.



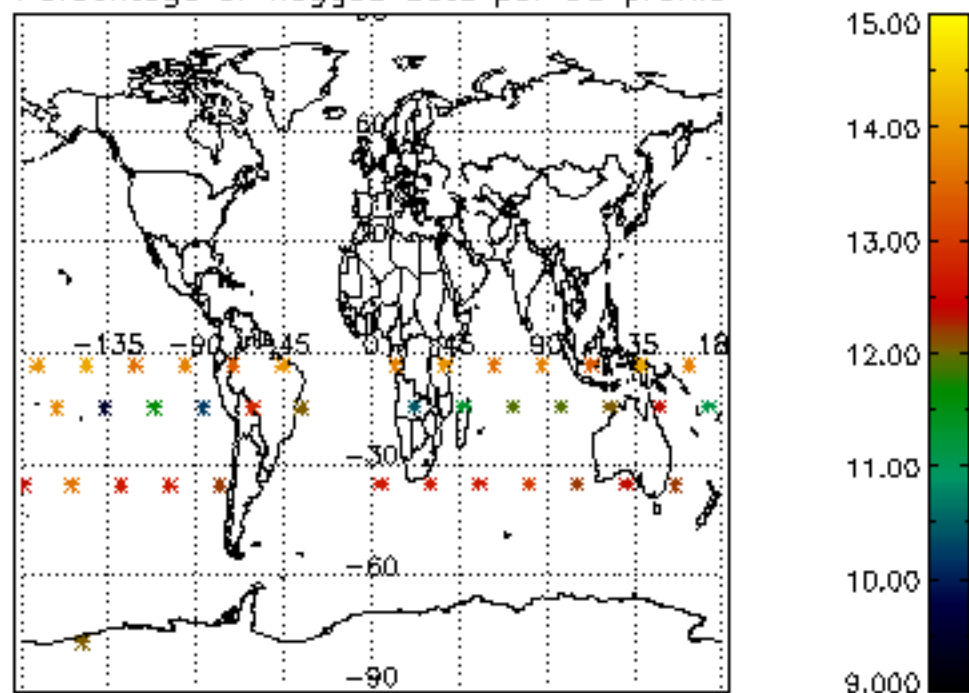
## 6. Auxiliary Data Files used for the production reported in section 2

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.

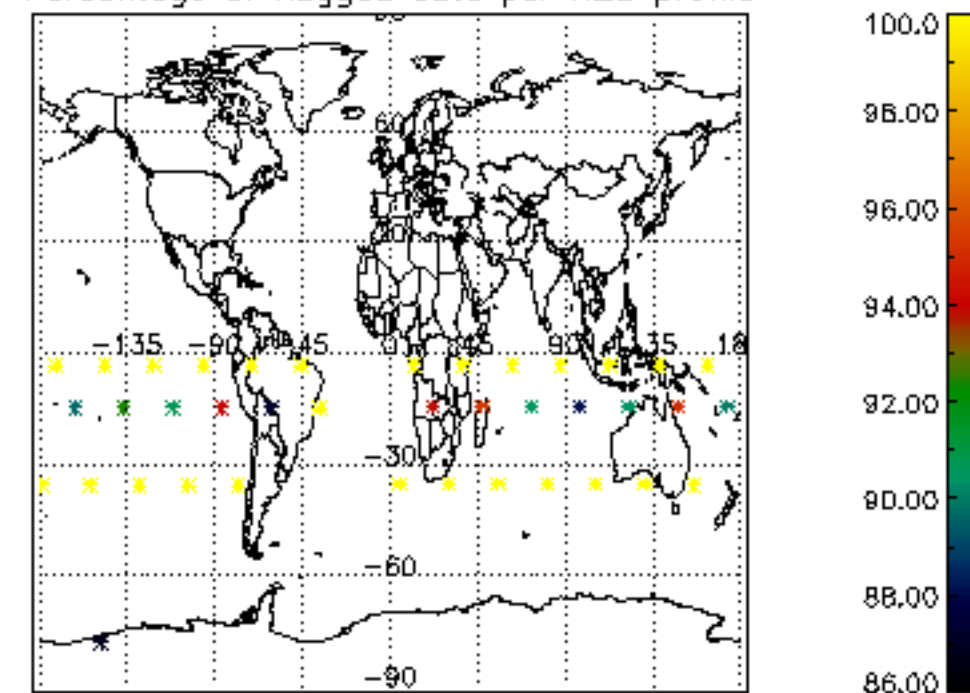
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	11-JUL-2008 00:01:10
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	11-JUL-2008 00:01:10
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	11-JUL-2008 00:01:10



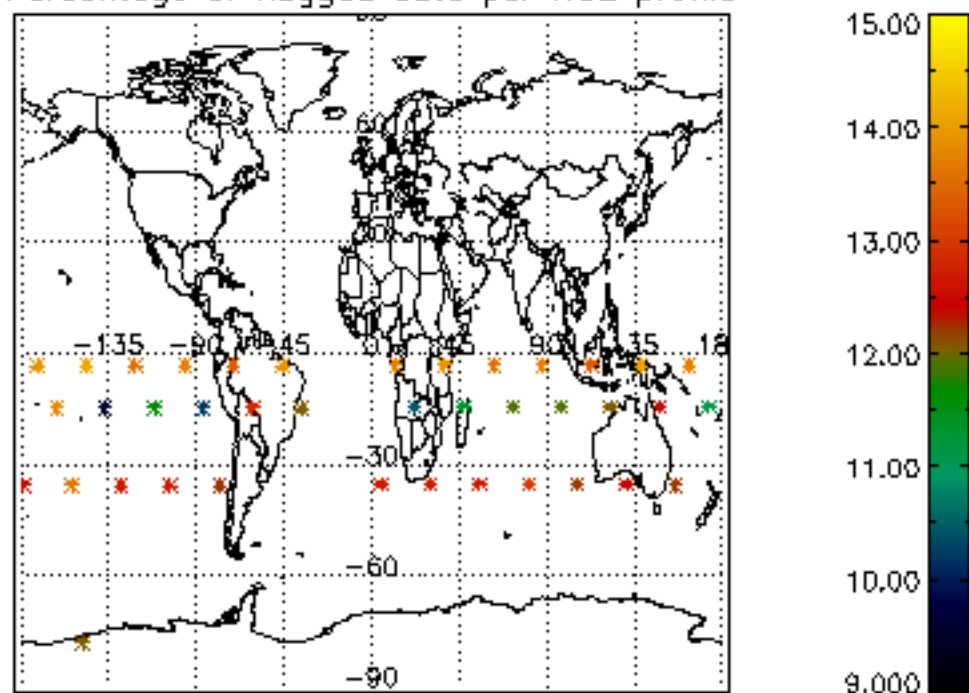
Percentage of flagged data per D3 profile



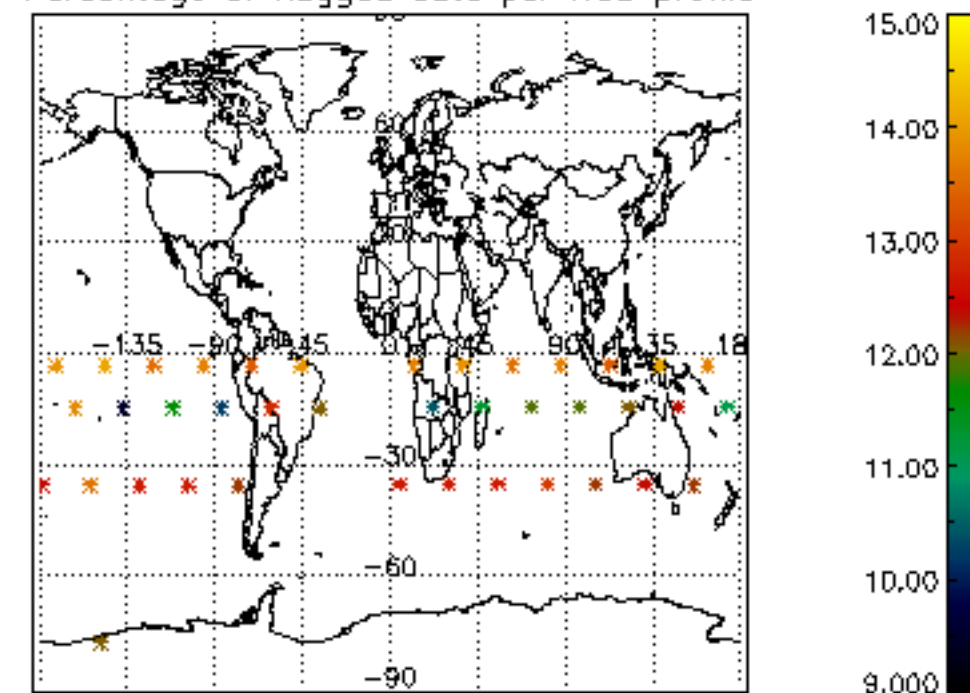
Percentage of flagged data per H2O profile



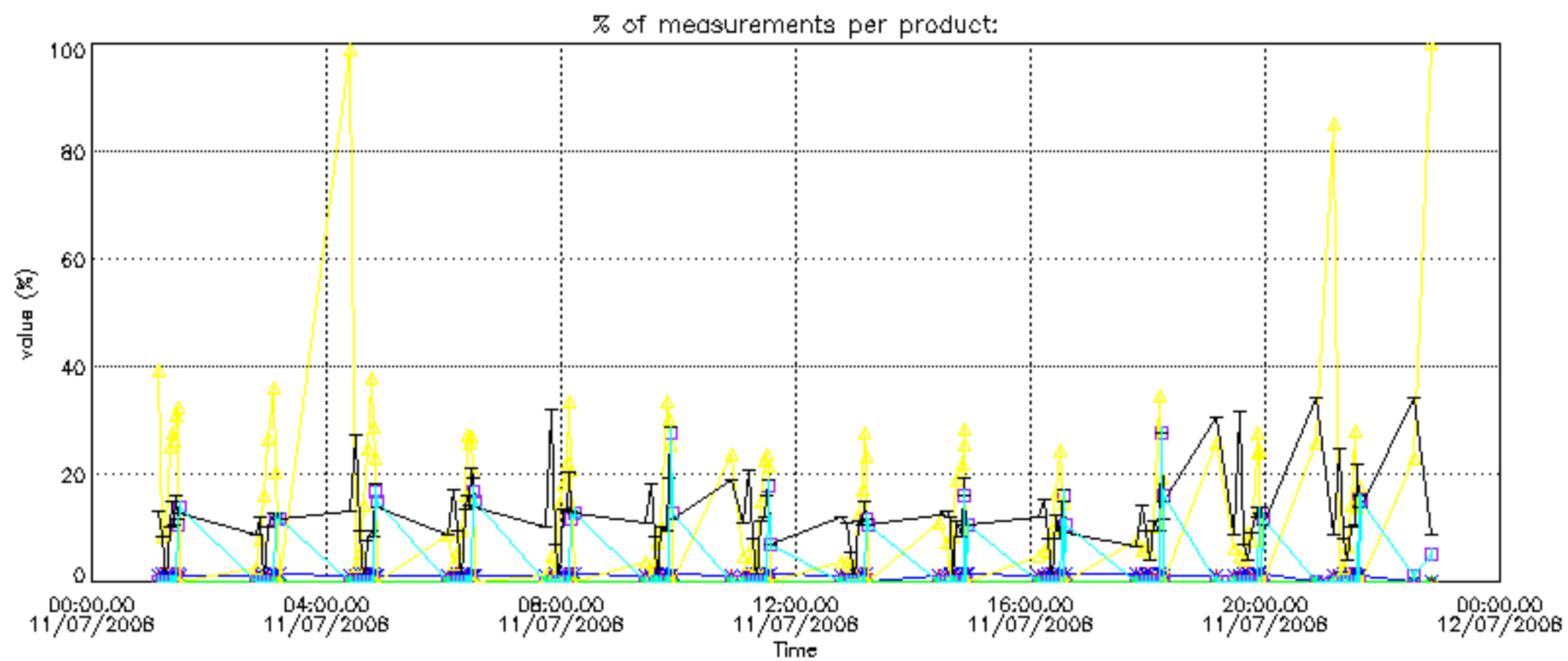
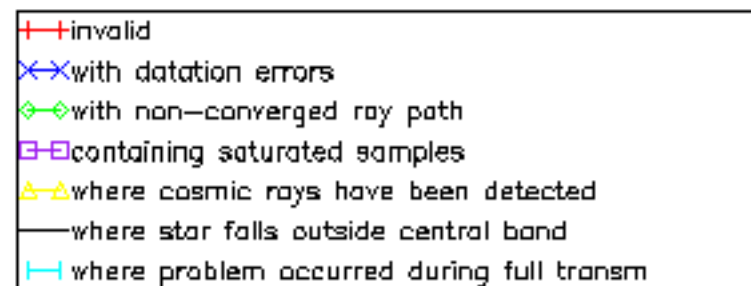
Percentage of flagged data per NO2 profile

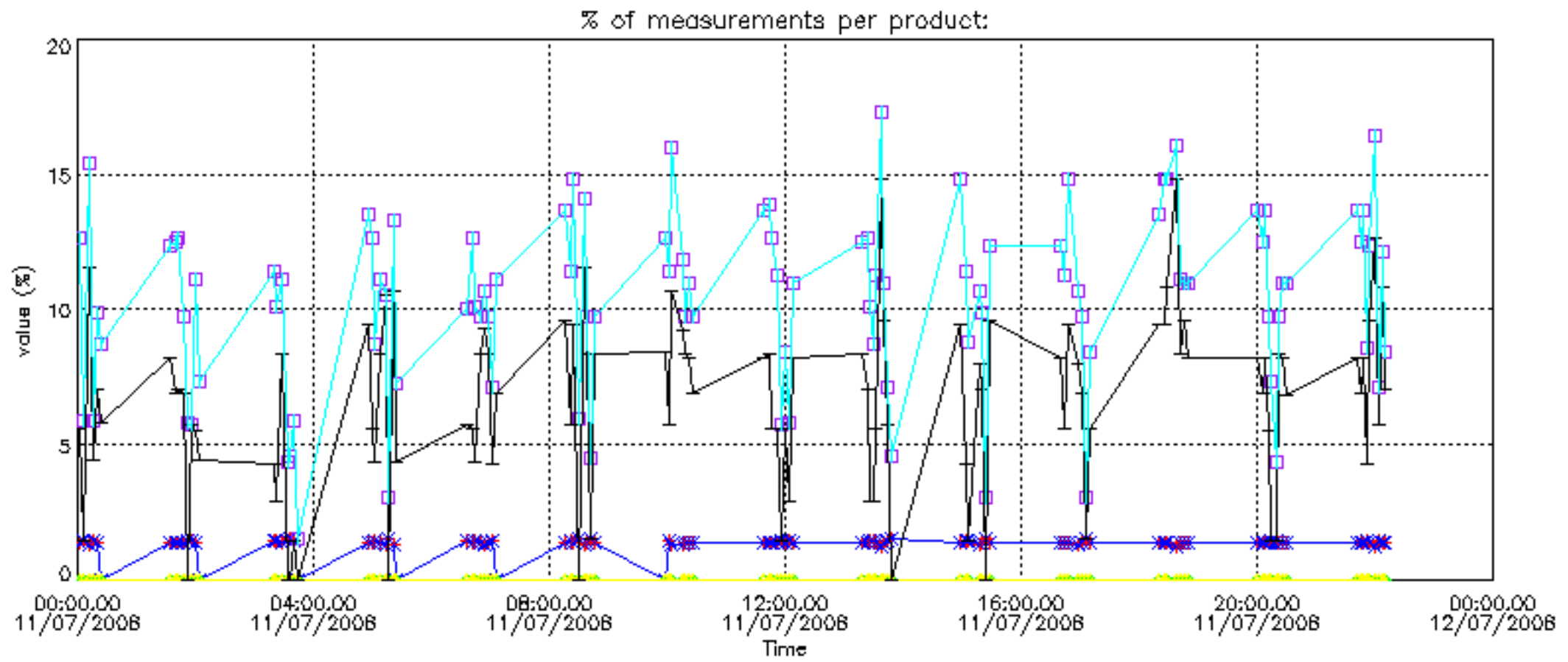


Percentage of flagged data per NO3 profile

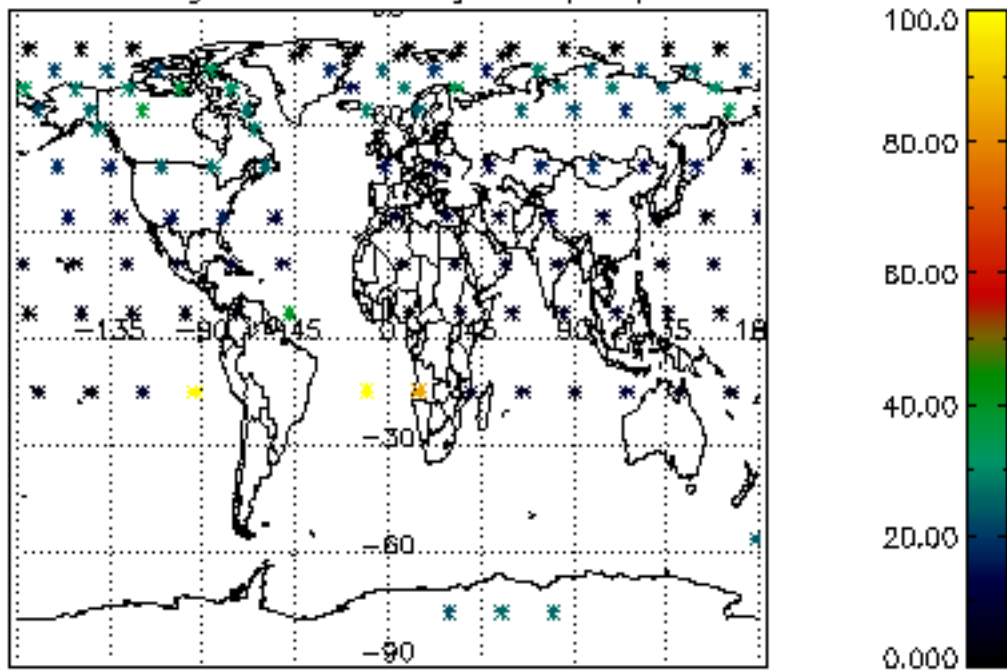




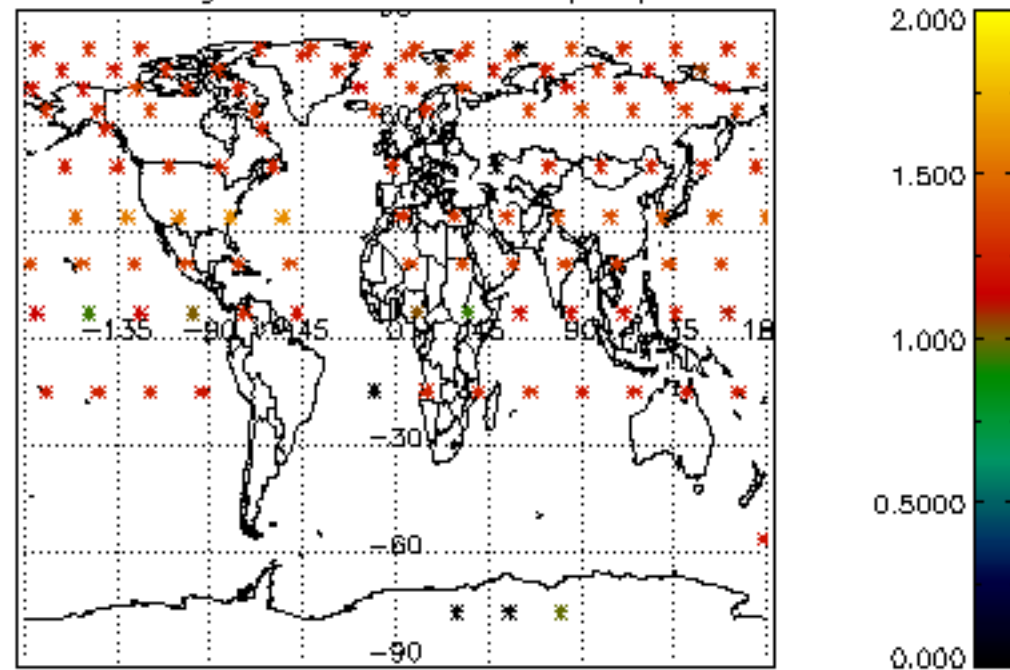




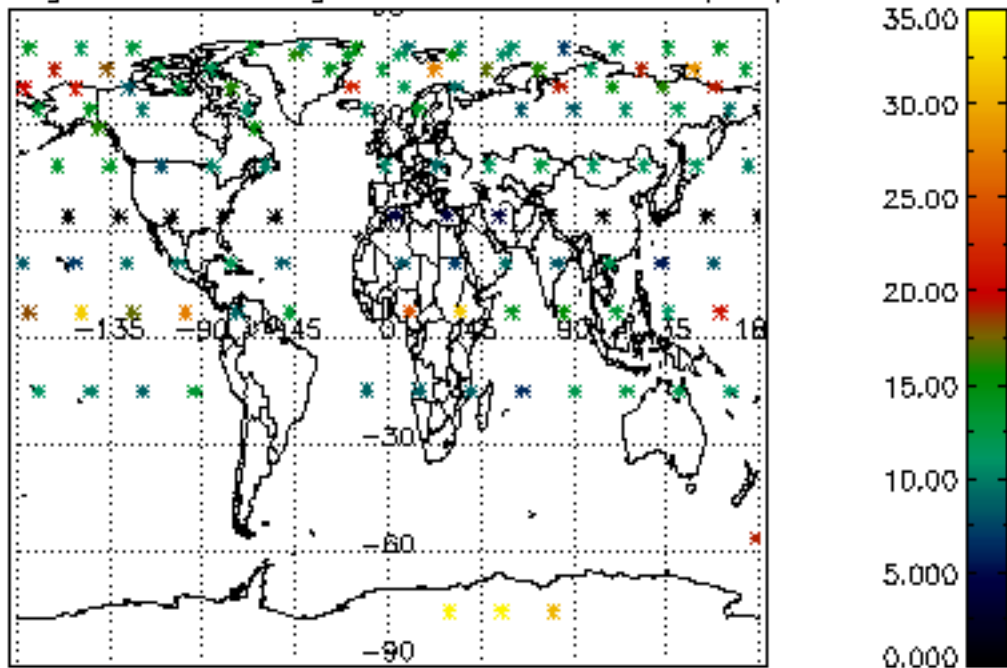
Percentage of cosmic ray hits per profile



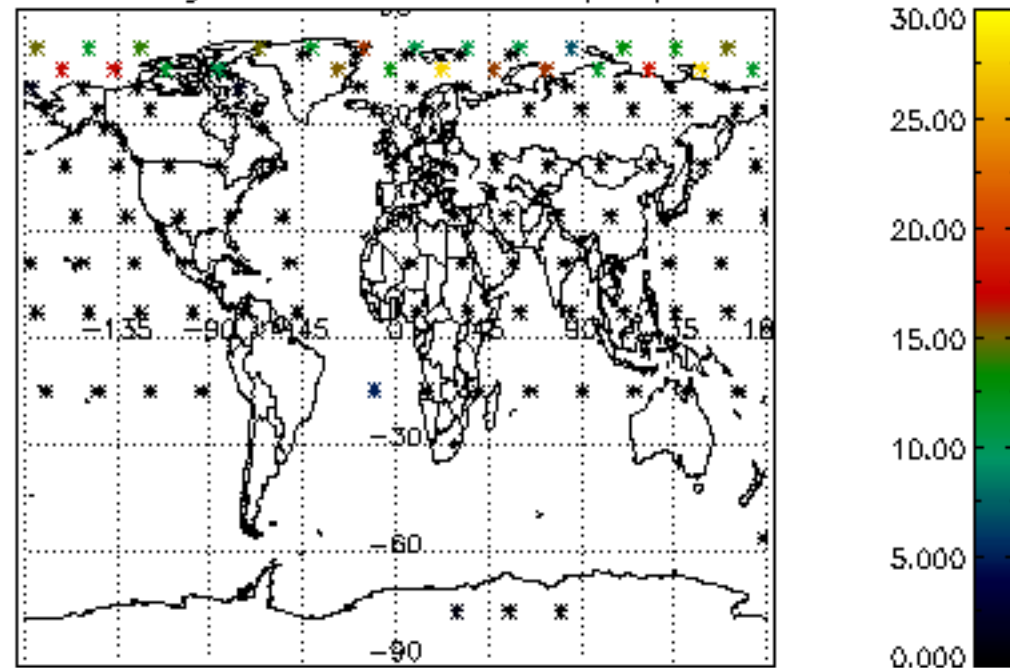
Percentage of datation errors per profile



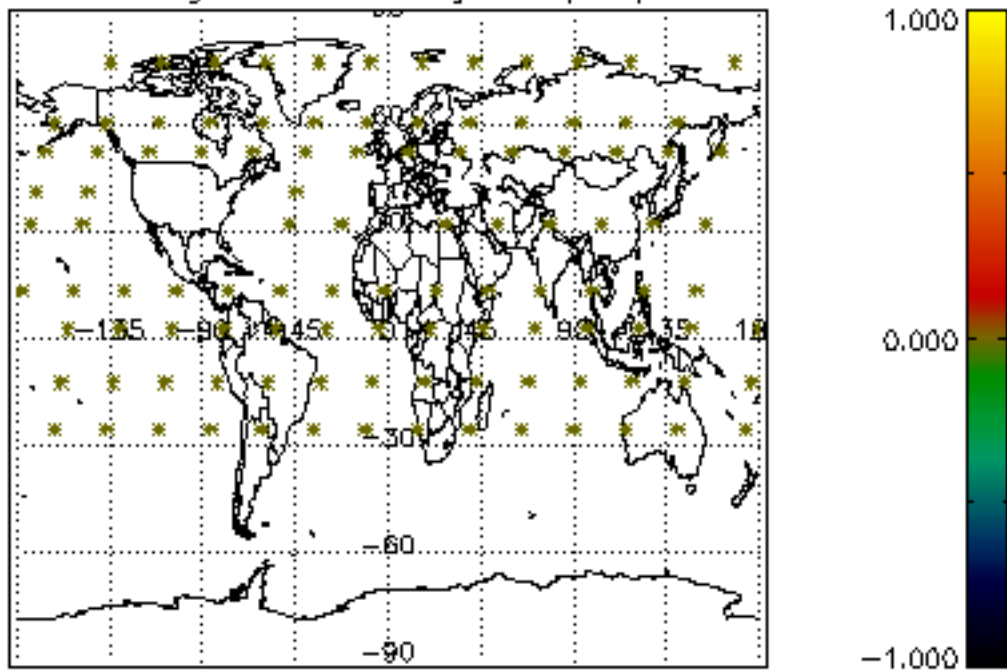
Percentage of star falling outside central band per profile



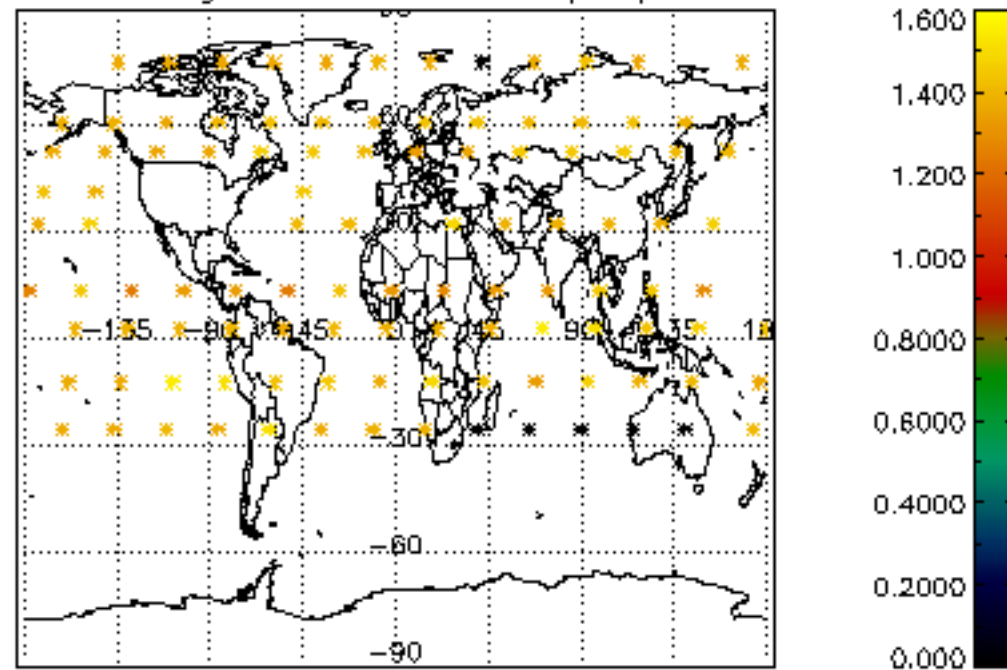
Percentage of saturation errors per profile



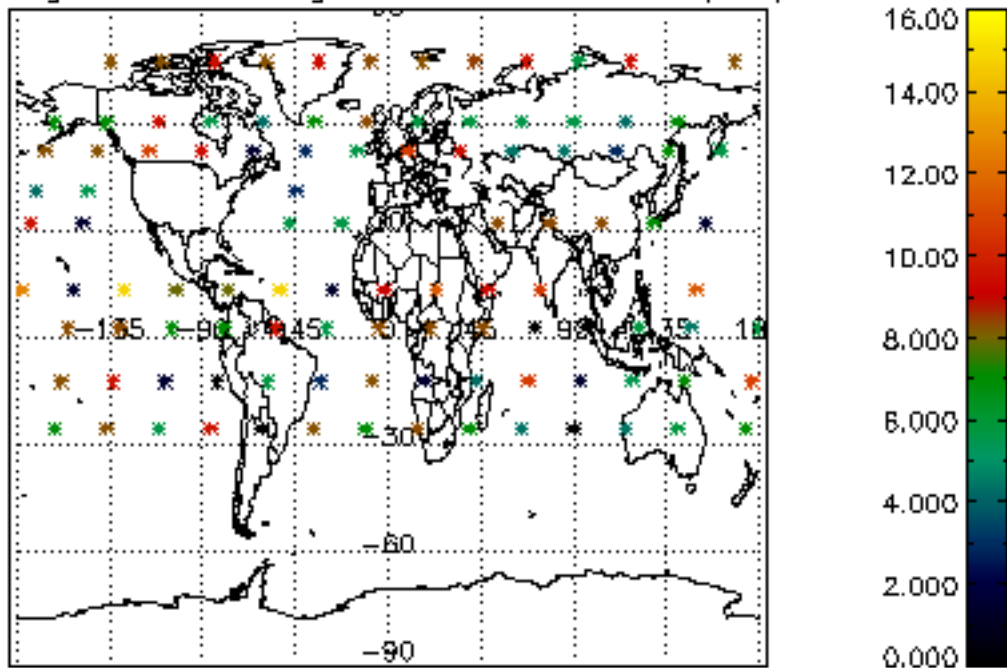
Percentage of cosmic ray hits per profile



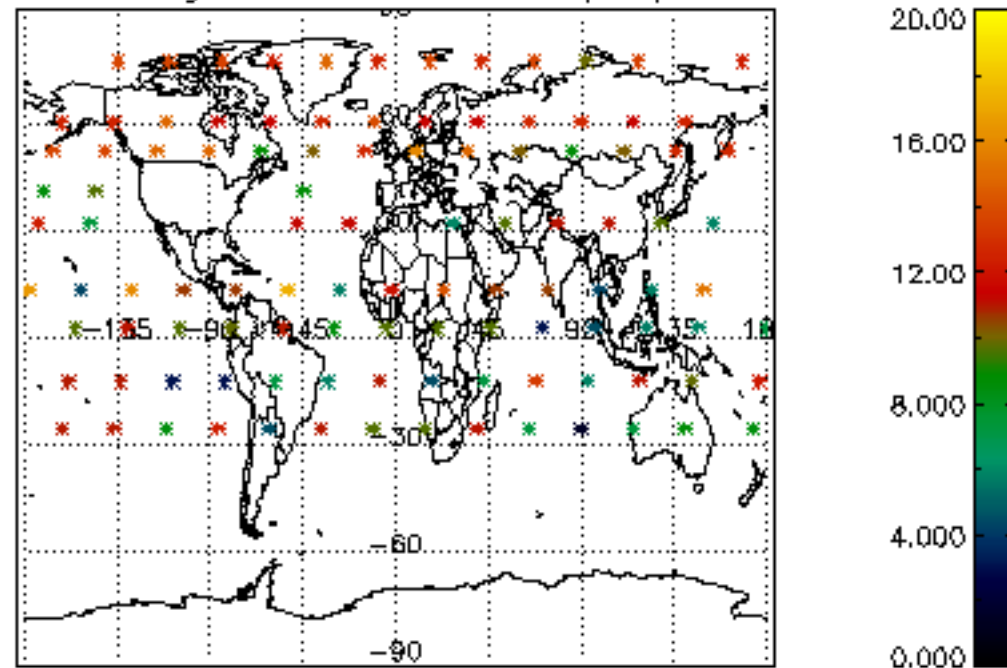
Percentage of datation errors per profile



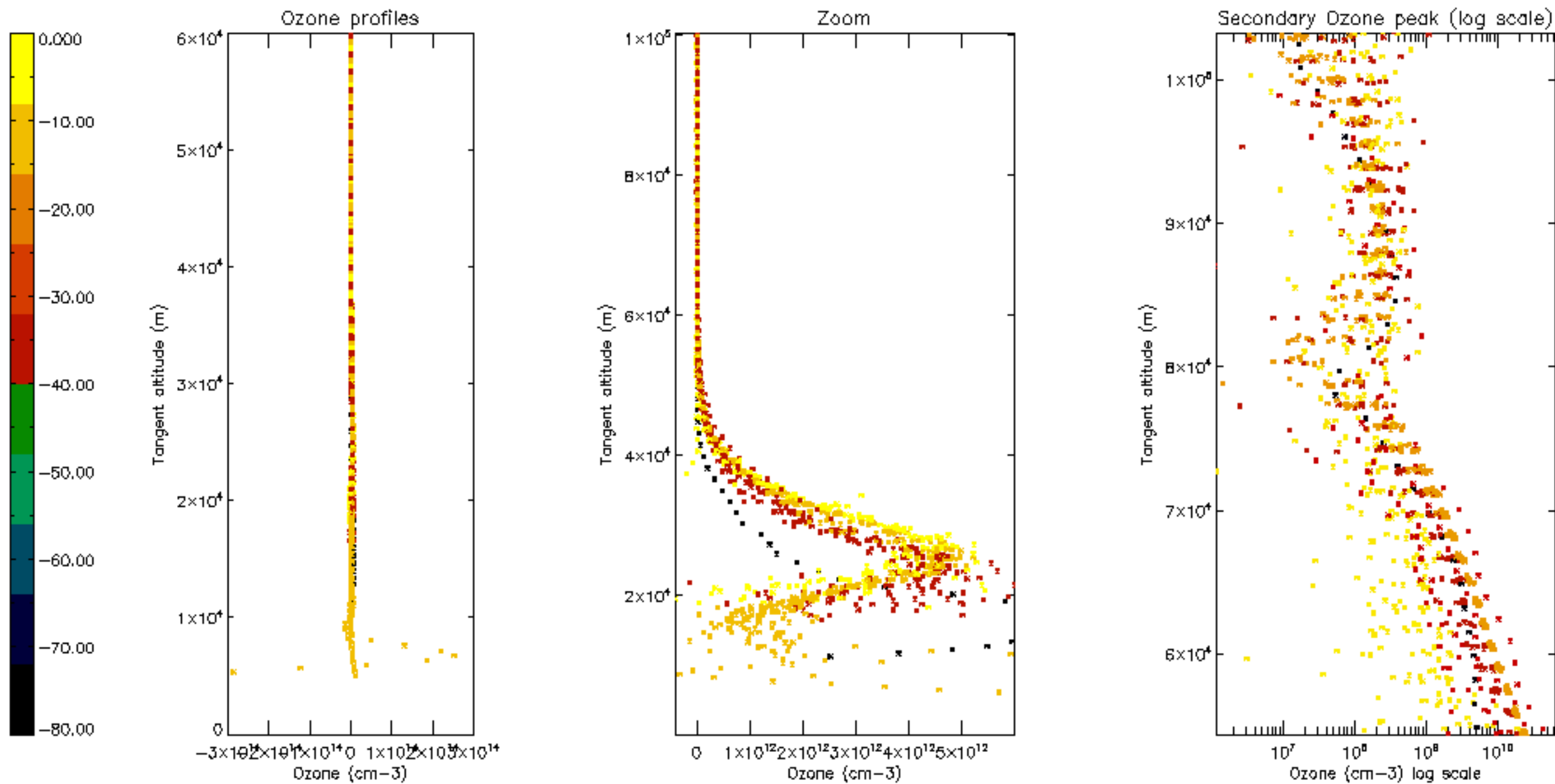
Percentage of star falling outside central band per profile

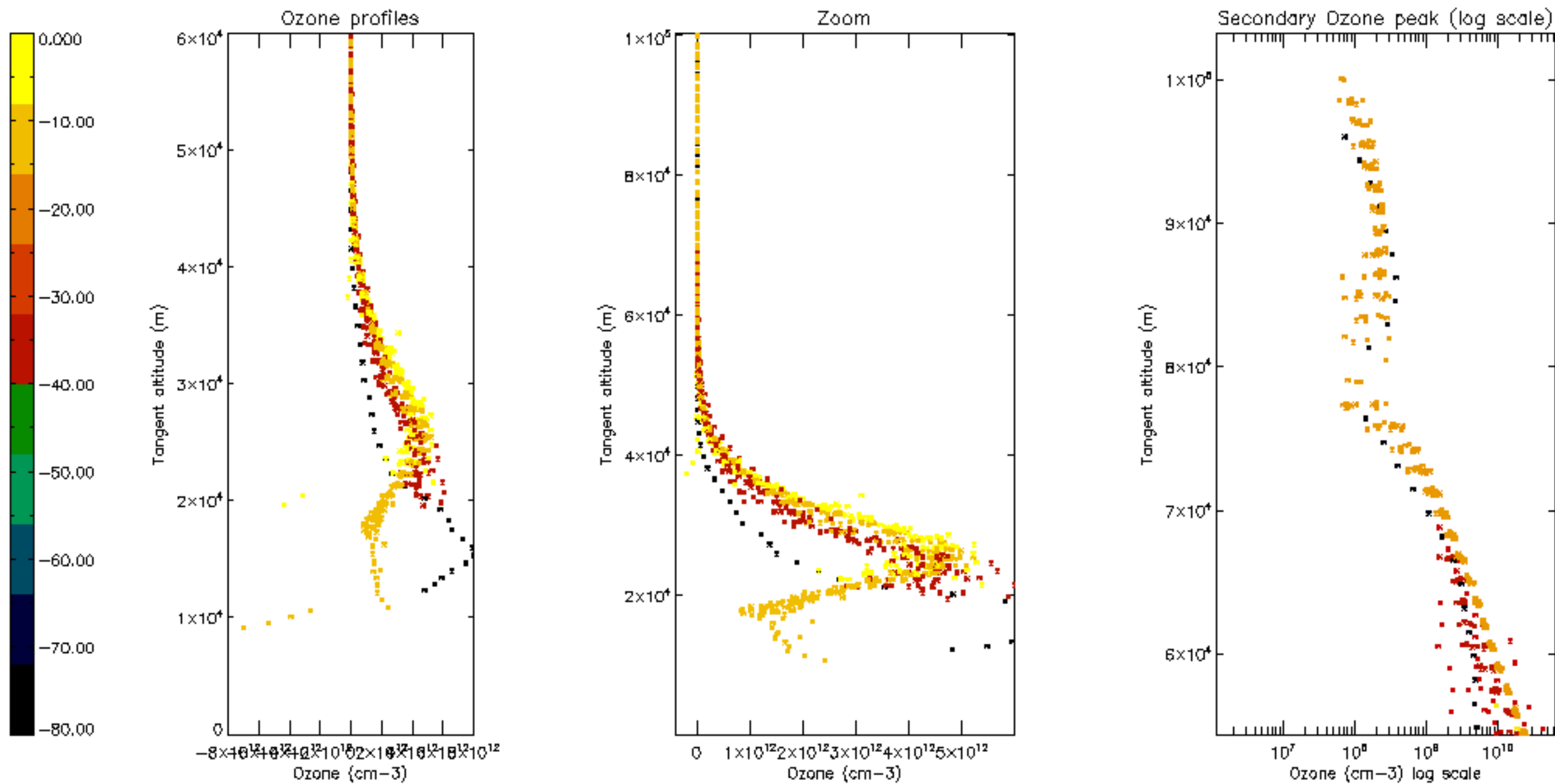


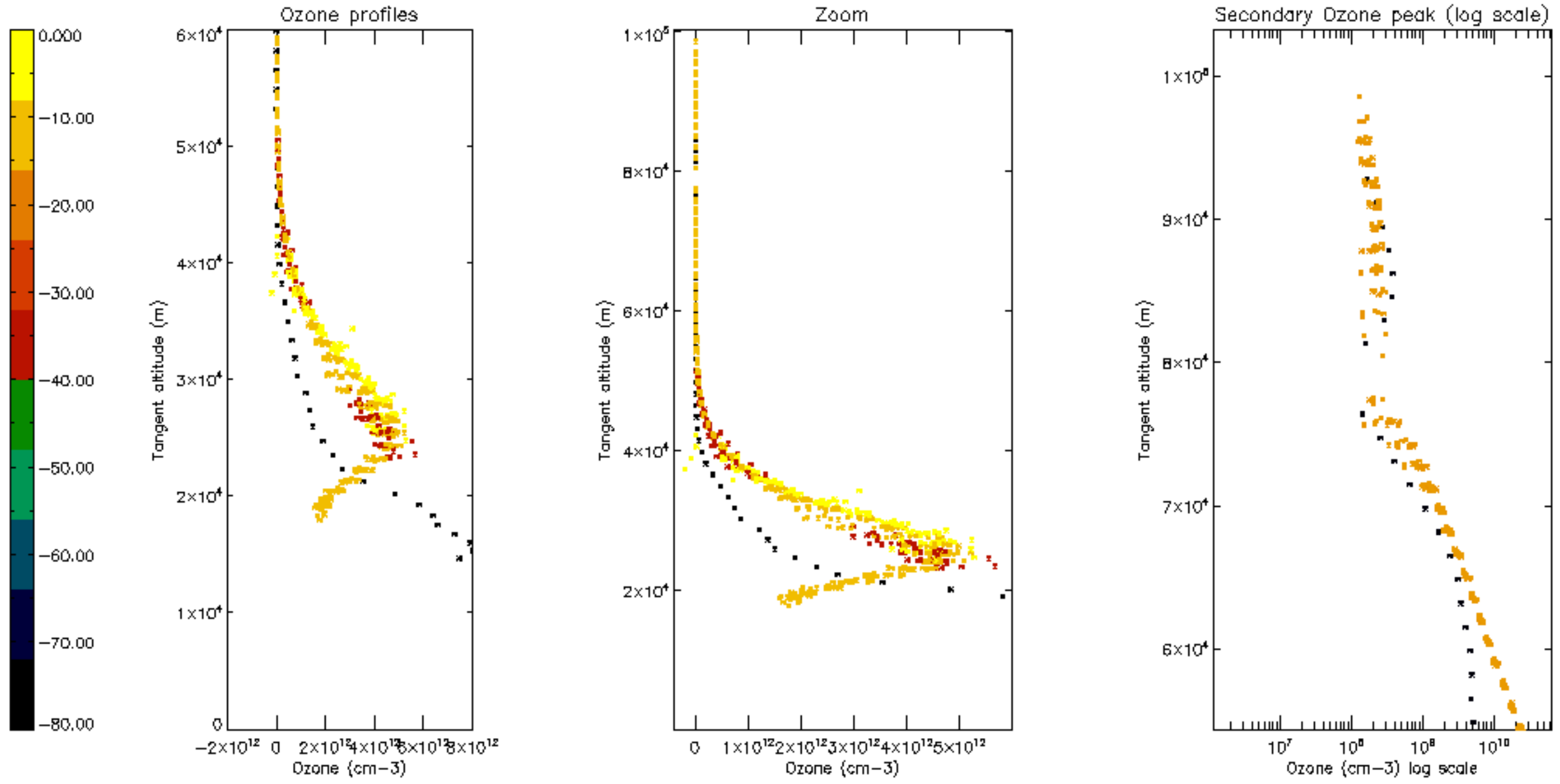
Percentage of saturation errors per profile

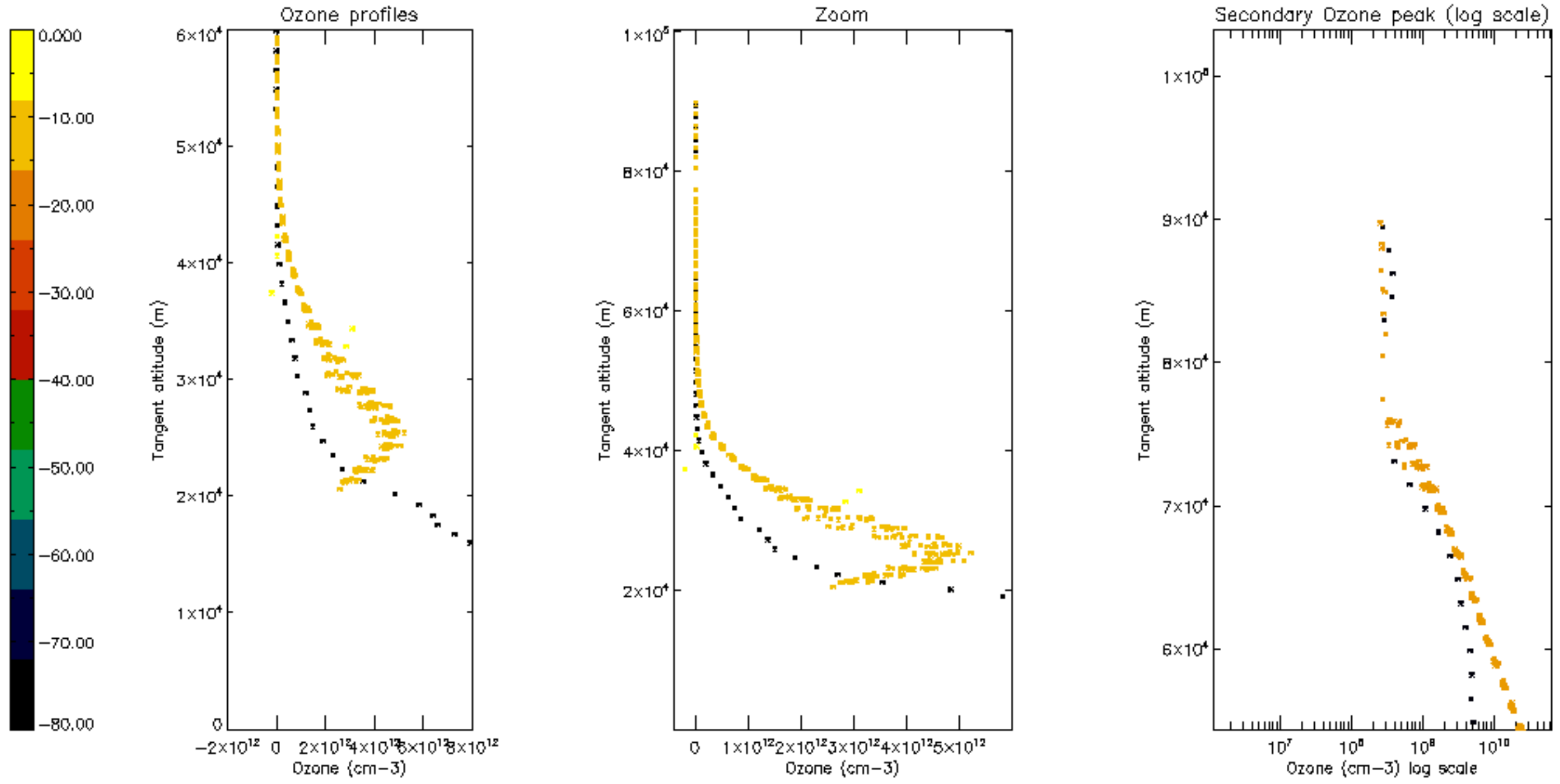




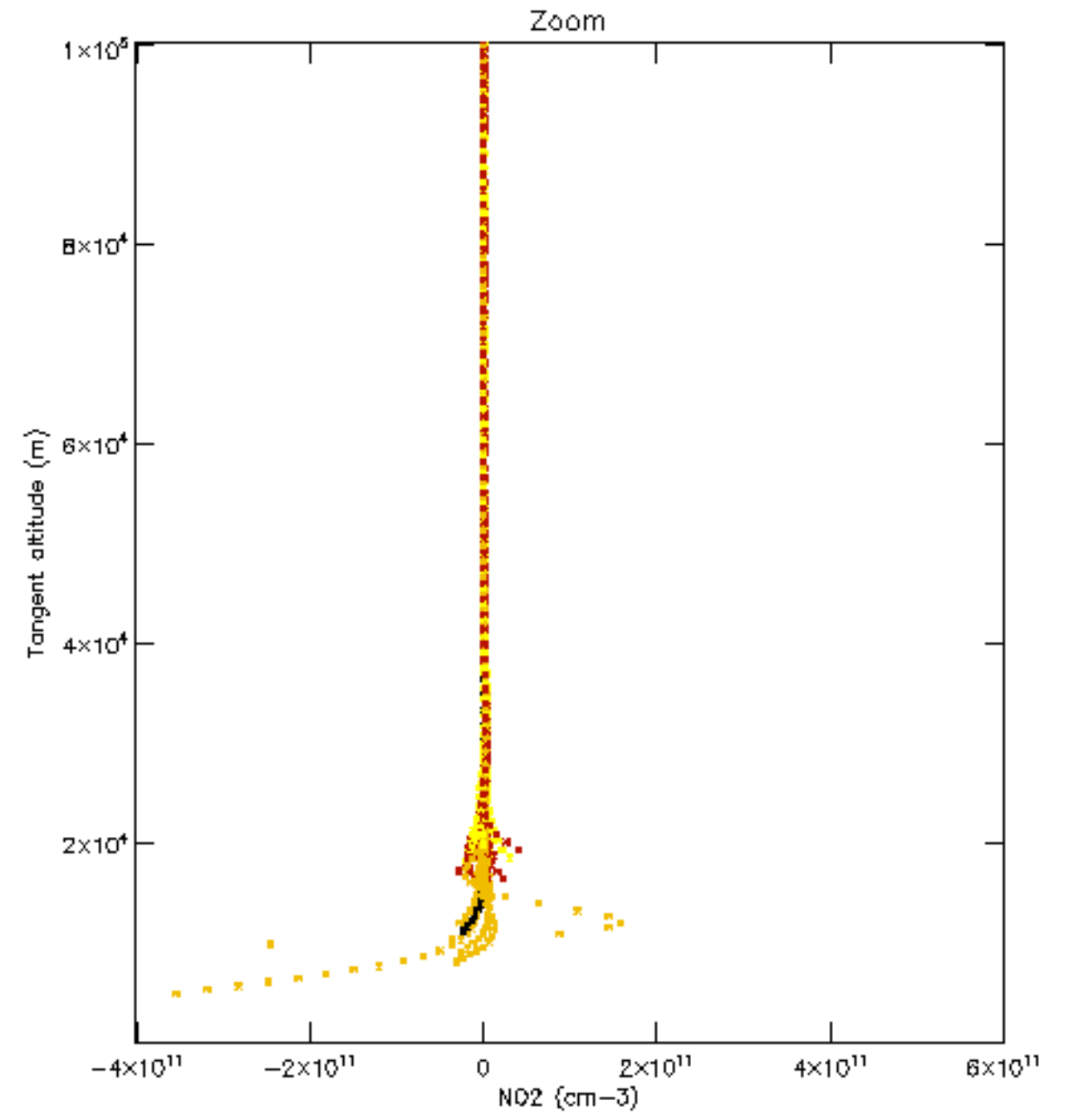
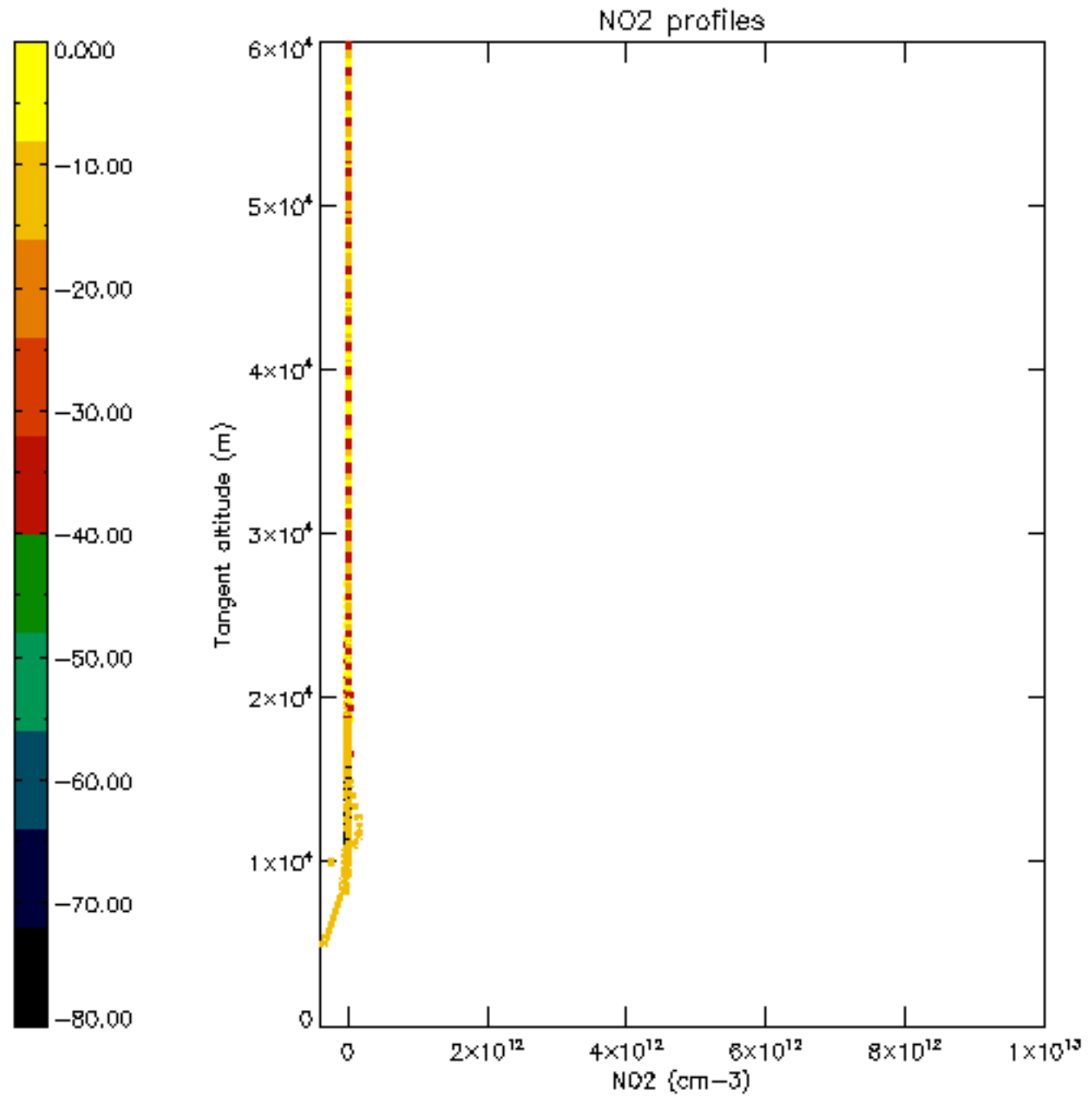


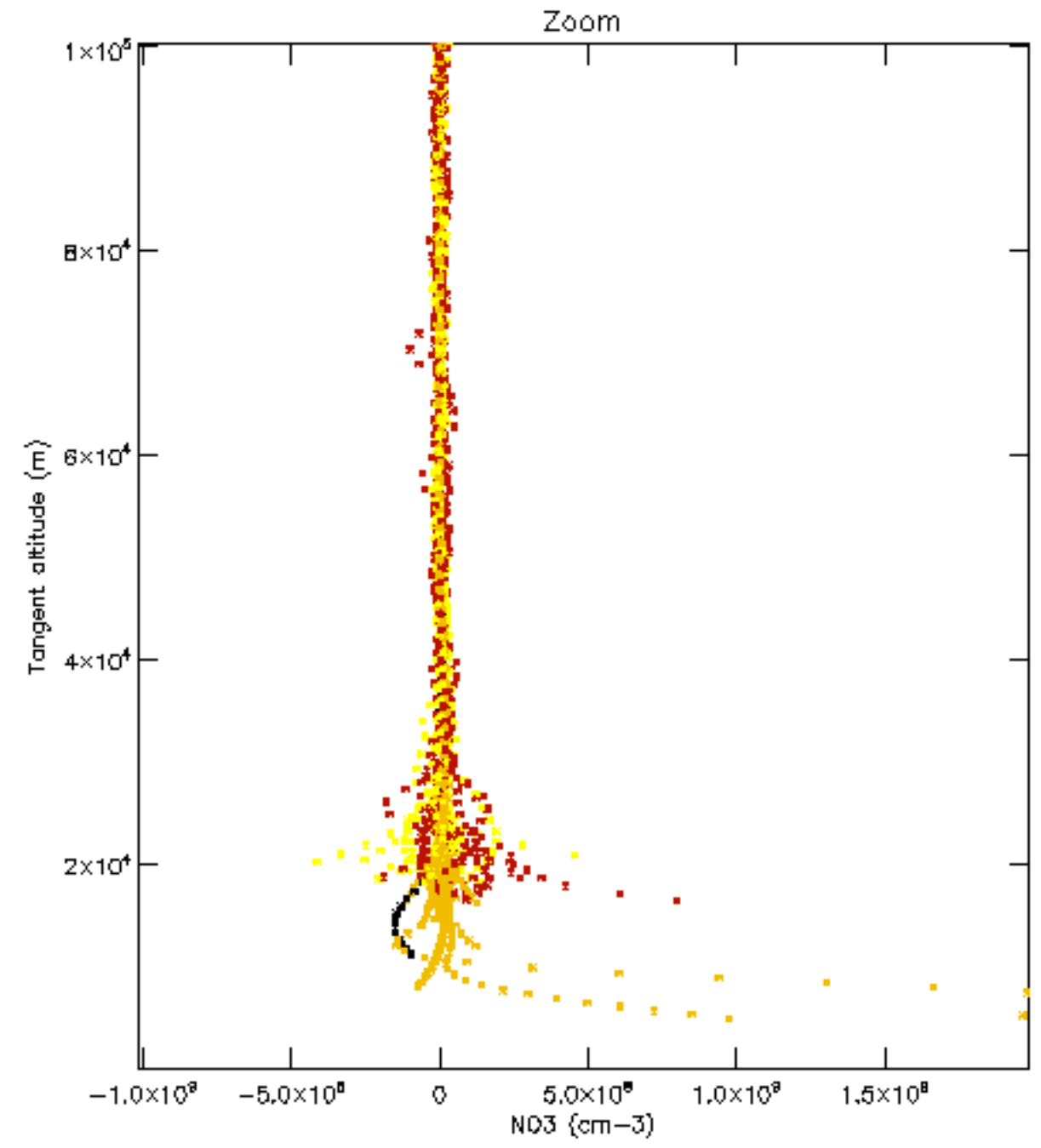
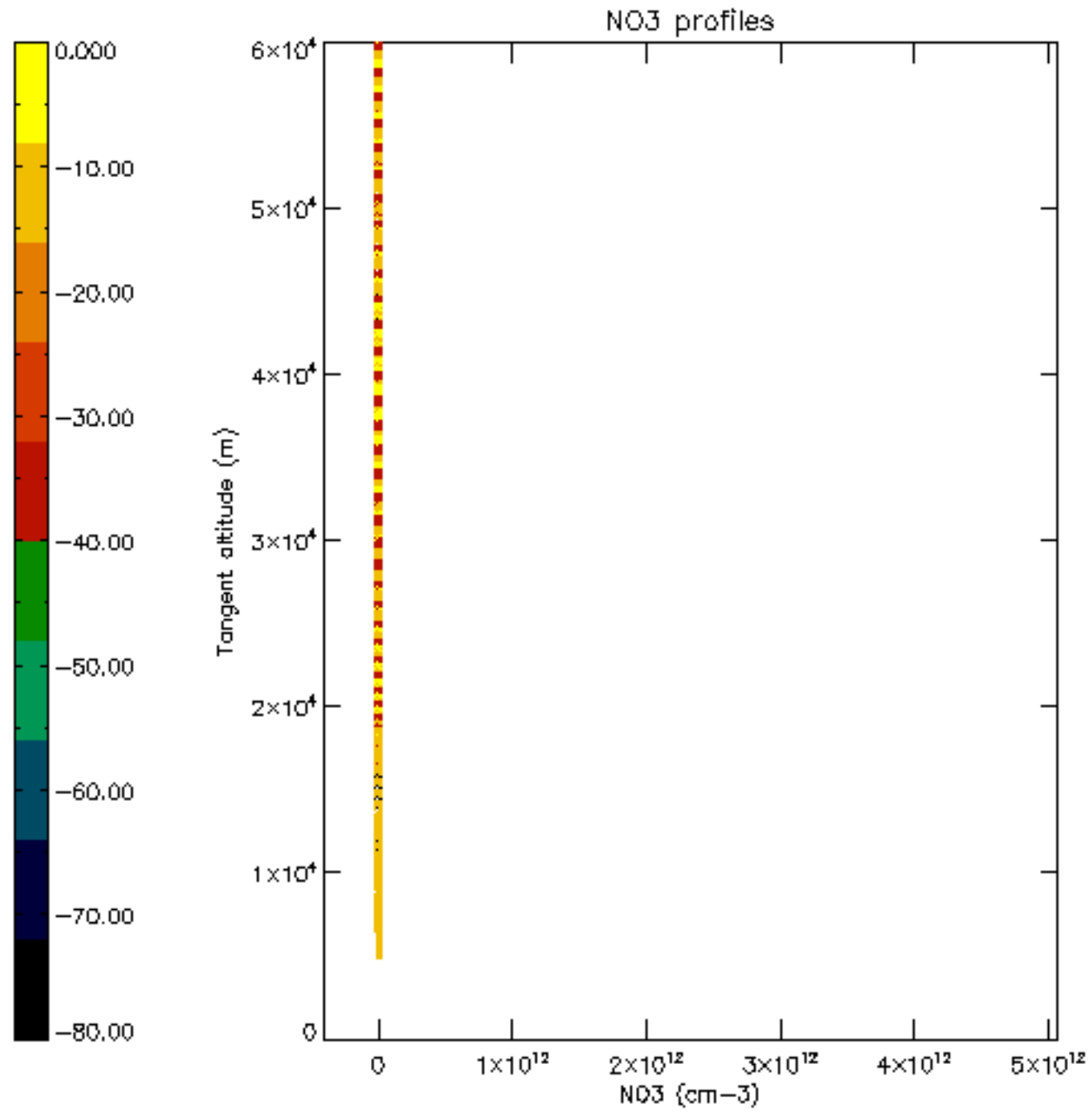


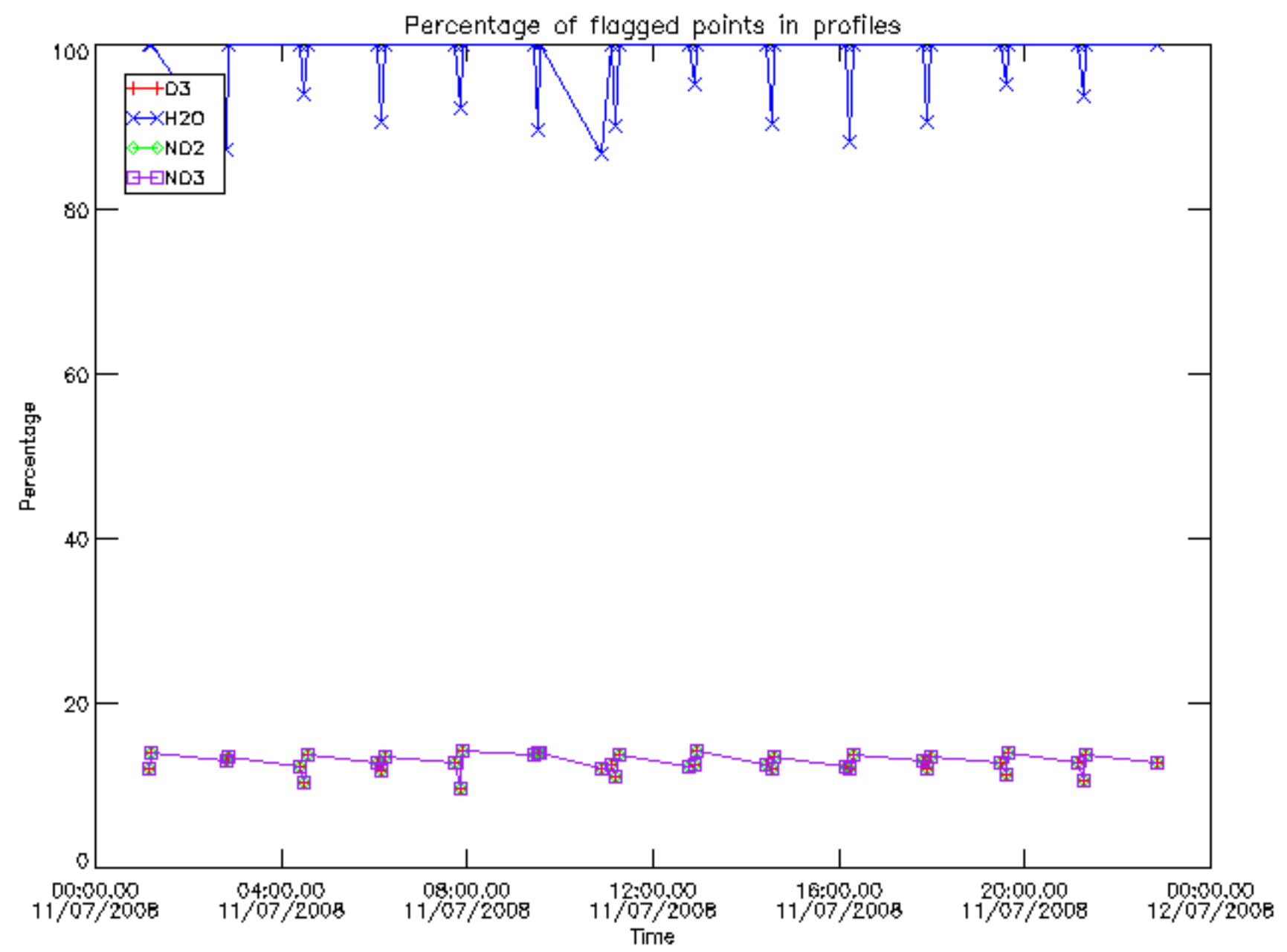




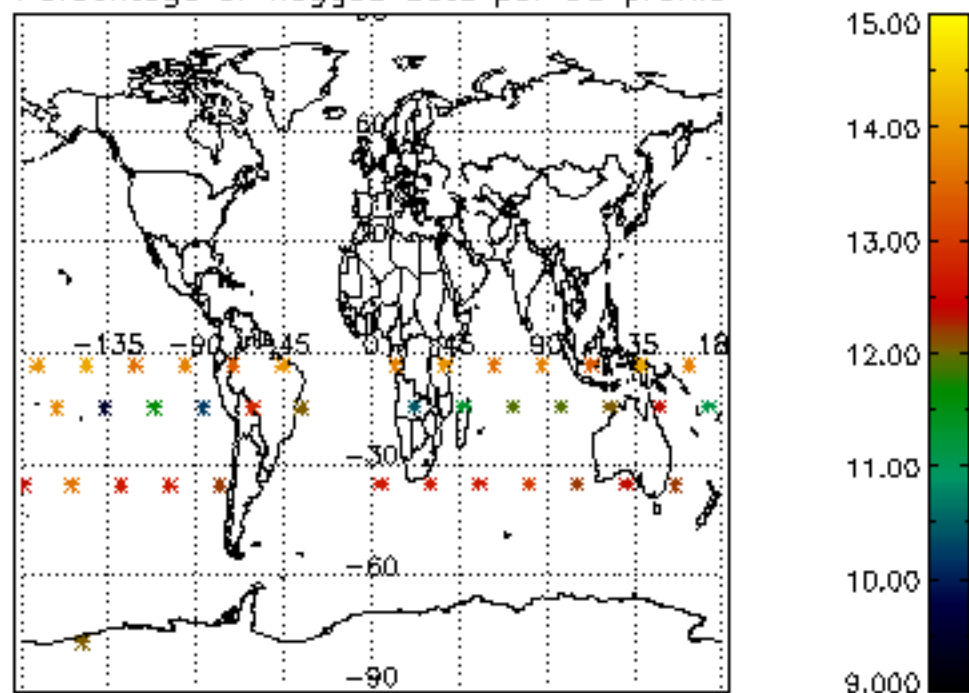




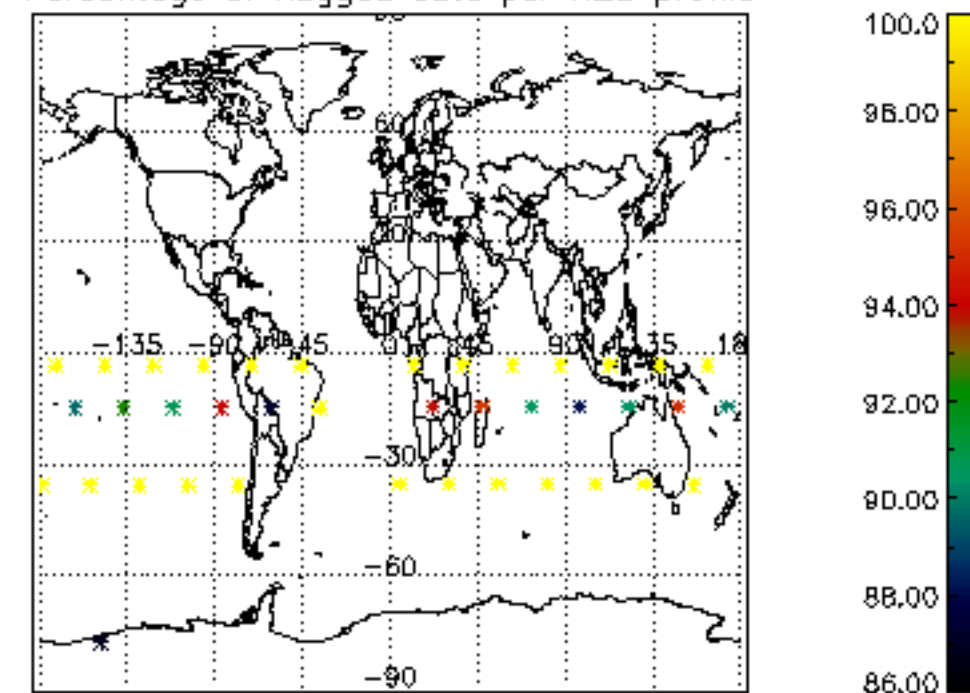




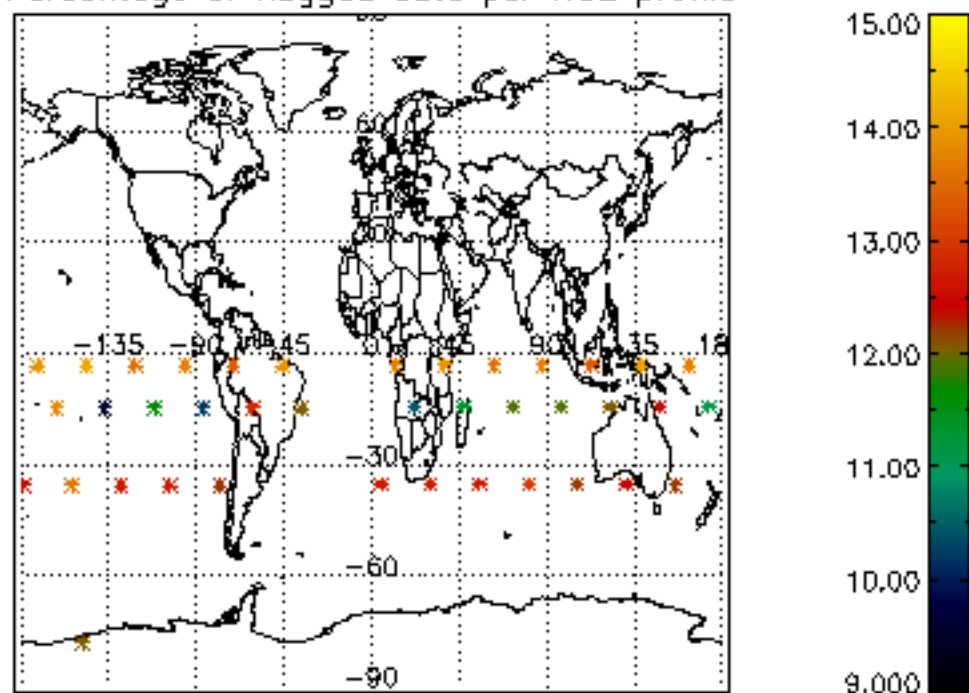
Percentage of flagged data per D3 profile



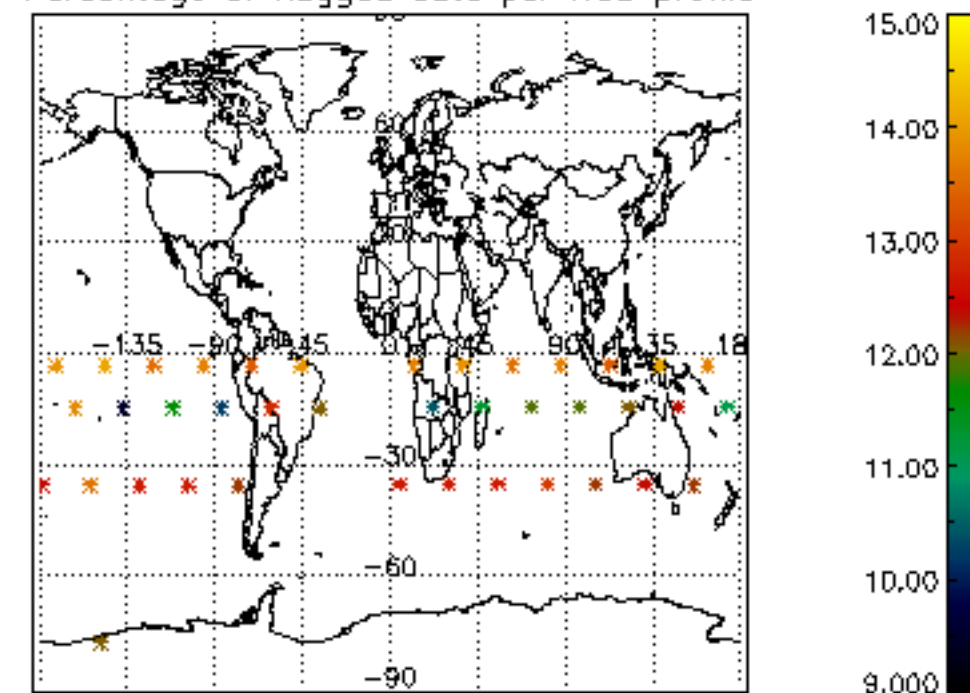
Percentage of flagged data per H2O profile



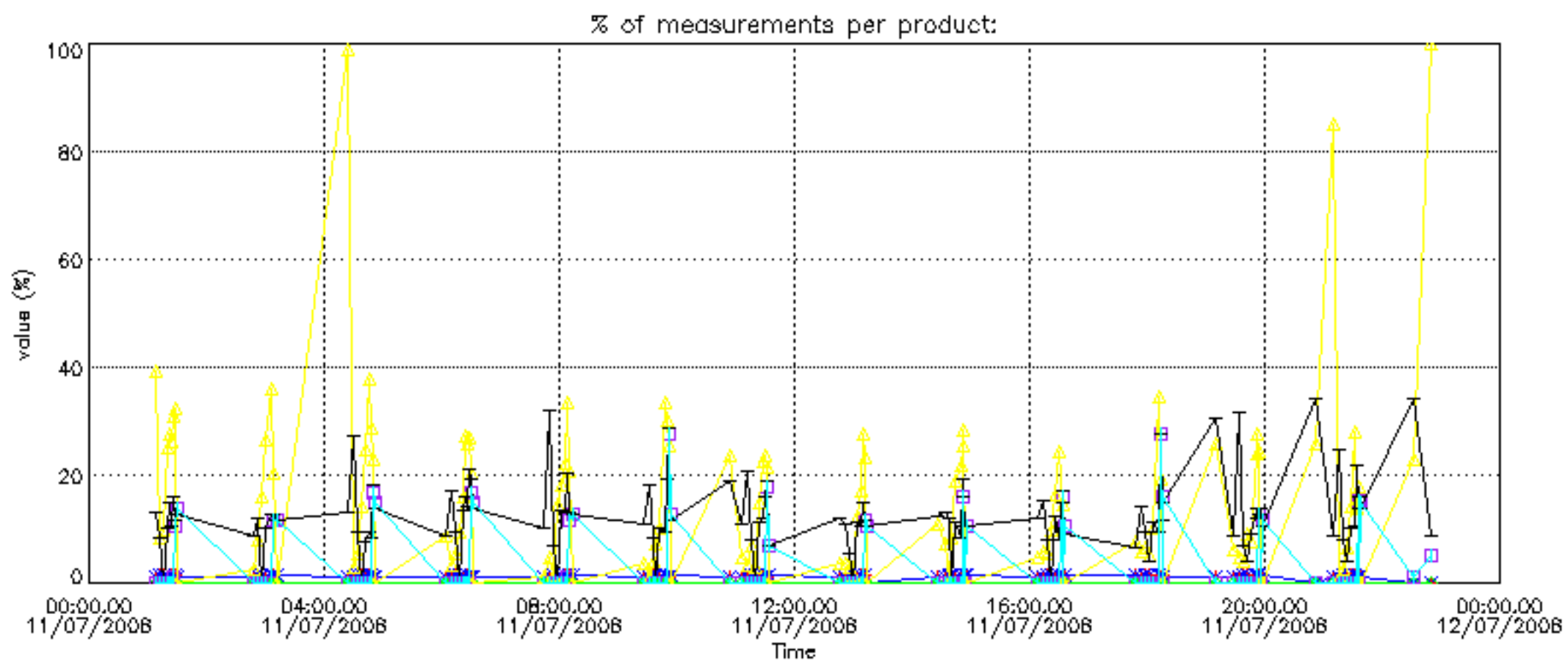
Percentage of flagged data per NO2 profile

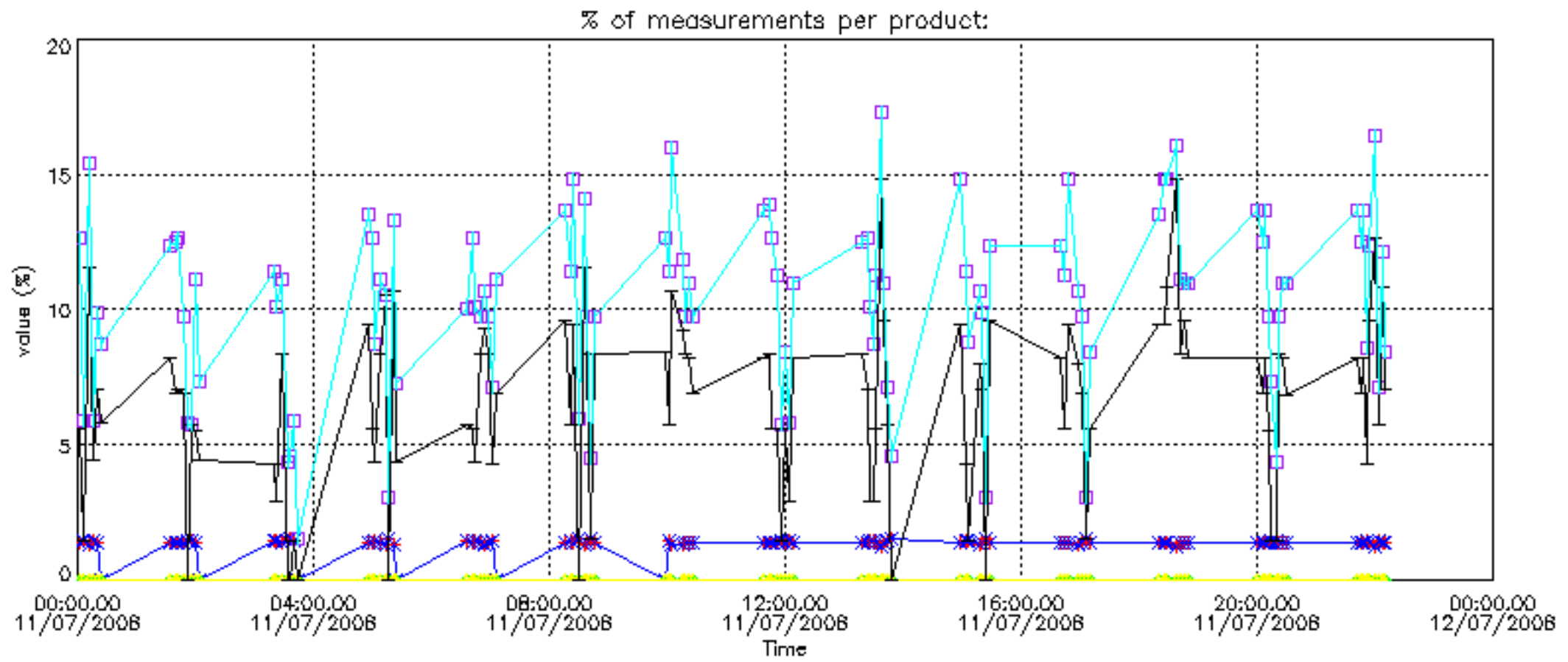


Percentage of flagged data per NO3 profile

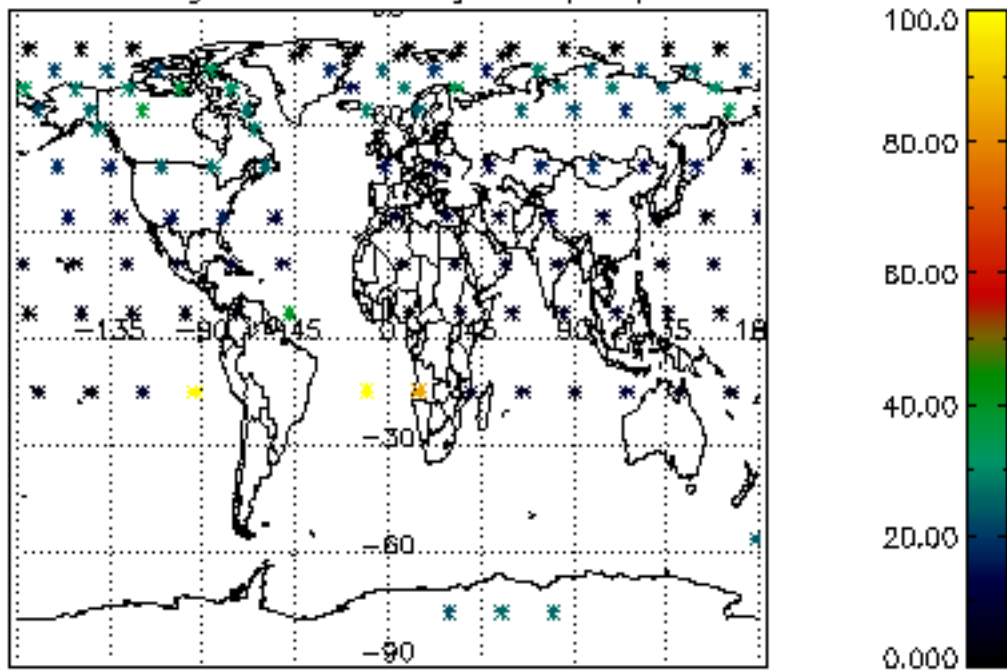




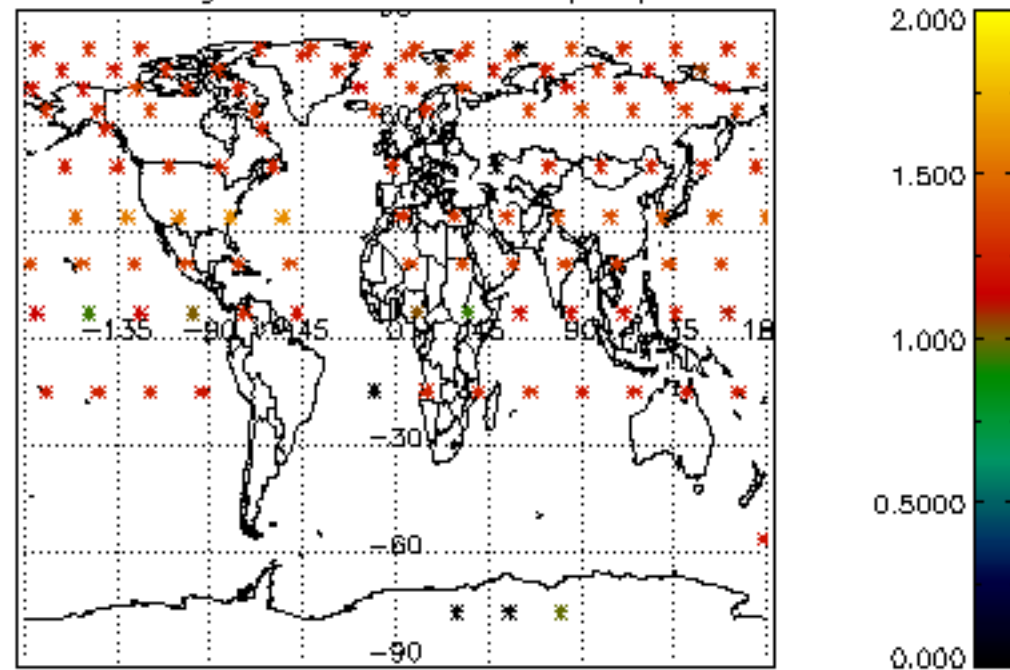




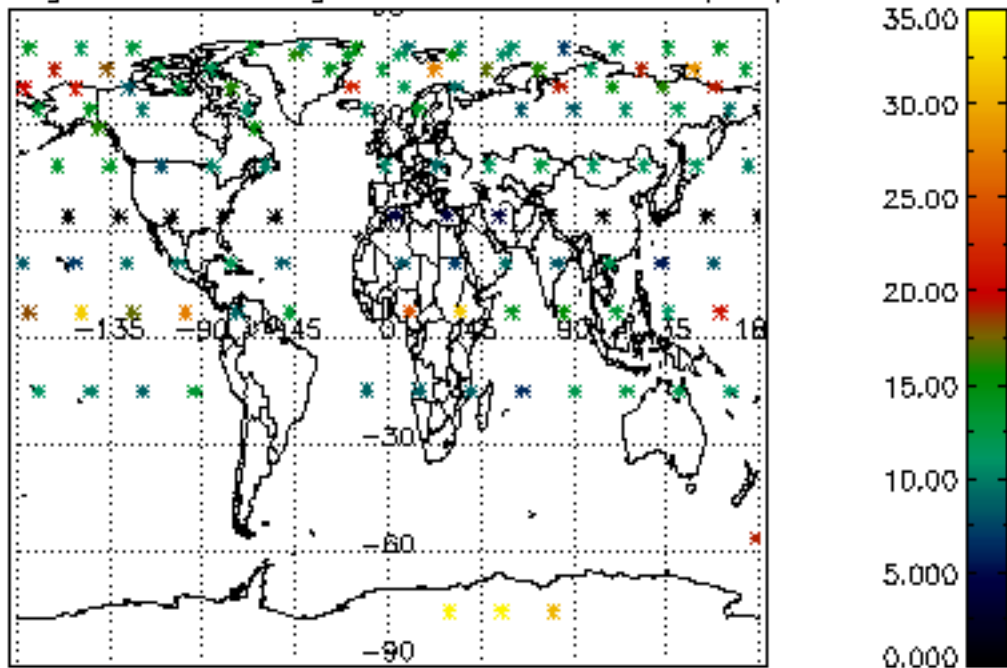
Percentage of cosmic ray hits per profile



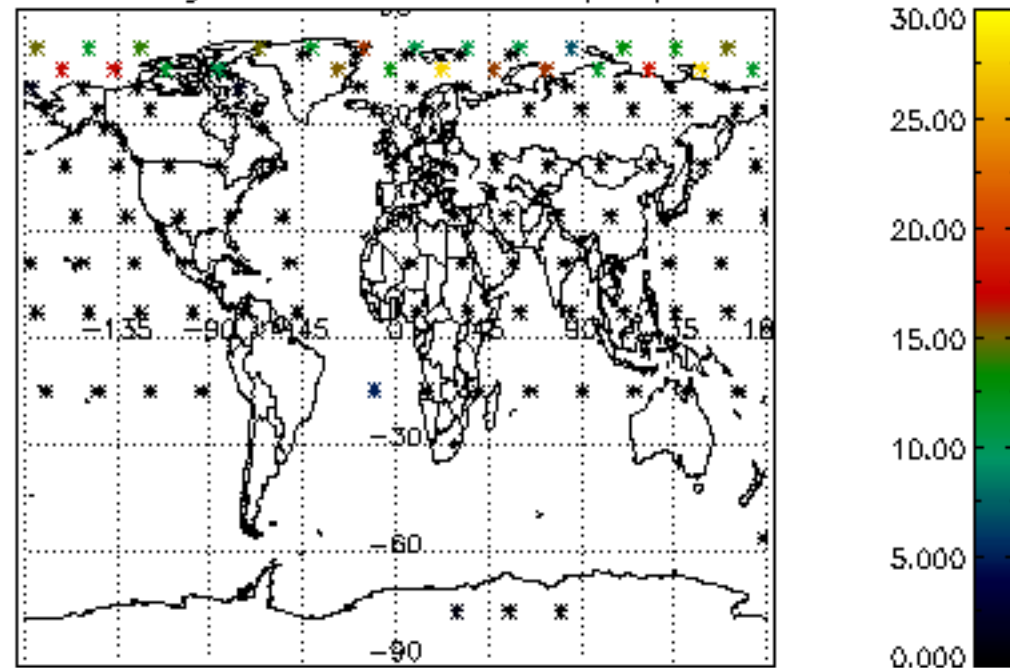
Percentage of datation errors per profile



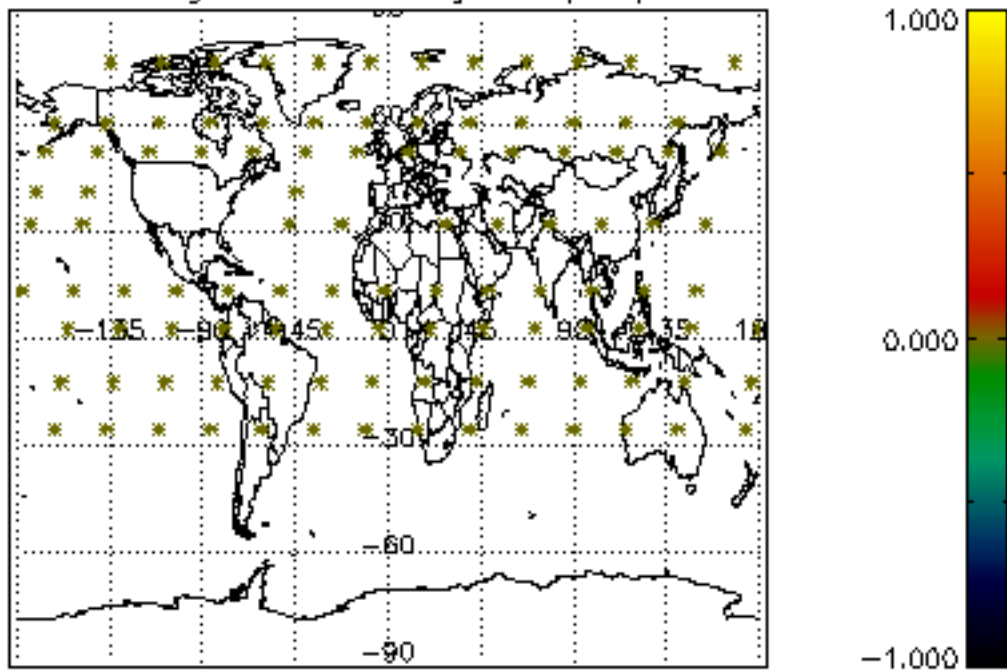
Percentage of star falling outside central band per profile



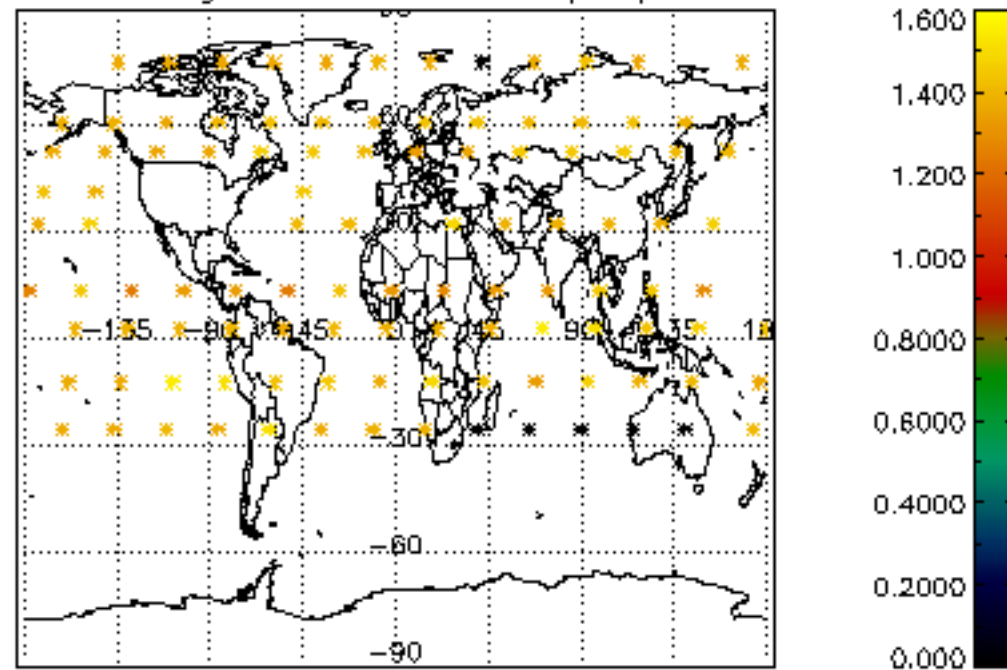
Percentage of saturation errors per profile



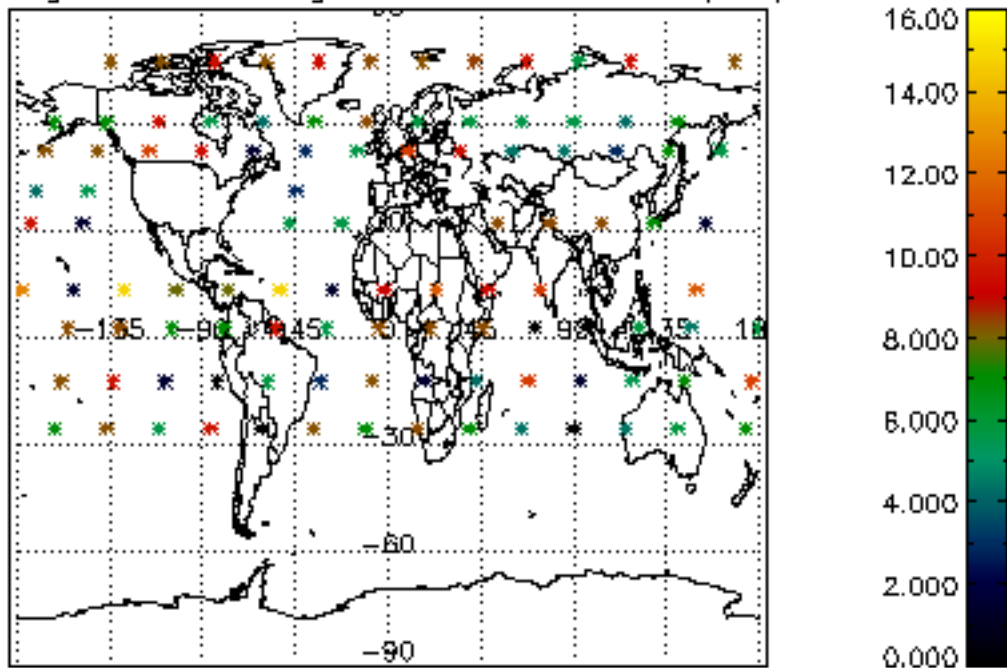
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

