

# 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	24APR2013 02:11:26
Data source version	GOMOS/6.01
Start time of products	21-07-2006 (21JUL2006 00:00:00)
Stop time of products	22-07-2006 (22JUL2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	273
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__2PRFIN20060721_000437_000000512049_00345_22944_0143.N1	21-JUL-2006 00:04:37	Twilight	50.500	13	87Alp Tau	0.86700	3800.0	101	22944	No
2	GOM_NL__2PRFIN20060721_000645_000000352049_00345_22944_0144.N1	21-JUL-2006 00:06:45	Dark	35.000	27	24Gam Ori	1.6360	26000.	70	22944	No
3	GOM_NL__2PRFIN20060721_000841_000000362049_00345_22944_0145.N1	21-JUL-2006 00:08:41	Dark	35.500	30	46Eps Ori	1.6940	30000.	71	22944	No
4	GOM_NL__2PRFIN20060721_001056_000000432049_00345_22944_0146.N1	21-JUL-2006 00:10:56	Dark	42.500	7	19Bet Ori	0.10000	14000.	85	22944	No
5	GOM_NL__2PRFIN20060721_001410_000000382049_00345_22944_0147.N1	21-JUL-2006 00:14:10	Dark	38.000	139	9Bet Lep	2.8330	5600.0	76	22944	No
6	GOM_NL__2PRFIN20060721_002936_000000422049_00346_22945_0128.N1	21-JUL-2006 00:29:36	Dark	42.000	9	Alp Eri	0.45300	24000.	84	22945	No
7	GOM_NL__2PRFIN20060721_003241_000000372049_00346_22945_0129.N1	21-JUL-2006 00:32:41	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22945	No
8	GOM_NL__2PRFIN20060721_003659_000000422049_00346_22945_0130.N1	21-JUL-2006 00:36:59	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	22945	No
9	GOM_NL__2PRFIN20060721_004040_000000472049_00346_22945_0131.N1	21-JUL-2006 00:40:40	Straylight	46.500	45	Alp Pav	1.9400	26000.	93	22945	No
10	GOM_NL__2PRFIN20060721_004831_000000402049_00346_22945_0132.N1	21-JUL-2006 00:48:31	Bright	39.500	38	20Eps Sgr	1.8360	11000.	79	22945	No
11	GOM_NL__2PRFIN20060721_005025_000000392049_00346_22945_0133.N1	21-JUL-2006 00:50:25	Bright	38.500	57	34Sig Sgr	2.0660	26000.	77	22945	No
12	GOM_NL__2PRFIN20060721_005146_000000392049_00346_22945_0134.N1	21-JUL-2006 00:51:46	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	22945	No
13	GOM_NL__2PRFIN20060721_010205_000000372049_00346_22945_0135.N1	21-JUL-2006 01:02:05	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	22945	No
14	GOM_NL__2PRFIN20060721_010909_000000372049_00346_22945_0136.N1	21-JUL-2006 01:09:09	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	22945	No
15	GOM_NL__2PRFIN20060721_011239_000000342049_00346_22945_0137.N1	21-JUL-2006 01:12:39	Bright	34.000	69	33Gam Dra	2.2310	3800.0	68	22945	No
16	GOM_NL__2PRFIN20060721_011608_000000362049_00346_22945_0138.N1	21-JUL-2006 01:16:08	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22945	No
17	GOM_NL__2PRFIN20060721_012022_000000332049_00346_22945_0139.N1	21-JUL-2006 01:20:22	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	22945	No
18	GOM_NL__2PRFIN20060721_012339_000000352049_00346_22945_0140.N1	21-JUL-2006 01:23:39	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	22945	No
19	GOM_NL__2PRFIN20060721_013610_000000532049_00346_22945_0141.N1	21-JUL-2006 01:36:10	Bright	53.000	6	13Alp Aur	0.080000	3400.0	106	22945	No
20	GOM_NL__2PRFIN20060721_014002_000000382049_00346_22945_0142.N1	21-JUL-2006 01:40:02	Bright	38.000	114	3lot Aur	2.6930	4600.0	76	22945	No
21	GOM_NL__2PRFIN20060721_014514_000000472049_00346_22945_0143.N1	21-JUL-2006 01:45:14	Twilight	46.500	13	87Alp Tau	0.86700	3800.0	93	22945	No
22	GOM_NL__2PRFIN20060721_014721_000000372049_00346_22945_0144.N1	21-JUL-2006 01:47:21	Dark	37.000	27	24Gam Ori	1.6360	26000.	74	22945	No
23	GOM_NL__2PRFIN20060721_014917_000000392049_00346_22945_0145.N1	21-JUL-2006 01:49:17	Dark	38.500	30	46Eps Ori	1.6940	30000.	77	22945	No
24	GOM_NL__2PRFIN20060721_015132_000000522049_00346_22945_0146.N1	21-JUL-2006 01:51:32	Dark	52.000	7	19Bet Ori	0.10000	14000.	104	22945	No
25	GOM_NL__2PRFIN20060721_015446_000000362049_00346_22945_0147.N1	21-JUL-2006 01:54:46	Dark	36.000	139	9Bet Lep	2.8330	5600.0	72	22945	No
26	GOM_NL__2PRFIN20060721_021012_000000512049_00347_22946_0128.N1	21-JUL-2006 02:10:12	Dark	51.000	9	Alp Eri	0.45300	24000.	102	22946	No
27	GOM_NL__2PRFIN20060721_021317_000000372049_00347_22946_0129.N1	21-JUL-2006 02:13:17	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22946	No
28	GOM_NL__2PRFIN20060721_021735_000000402049_00347_22946_0130.N1	21-JUL-2006 02:17:35	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	22946	No
29	GOM_NL__2PRFIN20060721_022116_000000402049_00347_22946_0131.N1	21-JUL-2006 02:21:16	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	22946	No
30	GOM_NL__2PRFIN20060721_022907_000000412049_00347_22946_0132.N1	21-JUL-2006 02:29:07	Bright	40.500	38	20Eps Sgr	1.8360	11000.	81	22946	No
31	GOM_NL__2PRFIN20060721_023101_000000392049_00347_22946_0133.N1	21-JUL-2006 02:31:01	Bright	39.000	57	34Sig Sgr	2.0660	26000.	78	22946	No
32	GOM_NL__2PRFIN20060721_023222_000000382049_00347_22946_0134.N1	21-JUL-2006 02:32:22	Bright	38.000	155	41Pi Sgr	2.9000	6600.0	76	22946	No
33	GOM_NL__2PRFIN20060721_024241_000000382049_00347_22946_0135.N1	21-JUL-2006 02:42:41	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	22946	No
34	GOM_NL__2PRFIN20060721_024944_000000402049_00347_22946_0136.N1	21-JUL-2006 02:49:44	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	22946	No
35	GOM_NL__2PRFIN20060721_025315_000000332049_00347_22946_0137.N1	21-JUL-2006 02:53:15	Bright	33.000	69	33Gam Dra	2.2310	3800.0	66	22946	No
36	GOM_NL__2PRFIN20060721_025644_000000362049_00347_22946_0138.N1	21-JUL-2006 02:56:44	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22946	No
37	GOM_NL__2PRFIN20060721_030058_000000342049_00347_22946_0139.N1	21-JUL-2006 03:00:58	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	22946	No
38	GOM_NL__2PRFIN20060721_030415_000000372049_00347_22946_0140.N1	21-JUL-2006 03:04:15	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	22946	No
39	GOM_NL__2PRFIN20060721_031646_000000532049_00347_22946_0141.N1	21-JUL-2006 03:16:46	Bright	52.500	6	13Alp Aur	0.080000	3400.0	105	22946	No
40	GOM_NL__2PRFIN20060721_032038_000000402049_00347_22946_0142.N1	21-JUL-2006 03:20:38	Bright	39.500	114	3lot Aur	2.6930	4600.0	79	22946	No
41	GOM_NL__2PRFIN20060721_032550_000000522049_00347_22946_0143.N1	21-JUL-2006 03:25:50	Twilight	52.000	13	87Alp Tau	0.86700	3800.0	104	22946	No
42	GOM_NL__2PRFIN20060721_032757_000000402049_00347_22946_0144.N1	21-JUL-2006 03:27:57	Dark	40.000	27	24Gam Ori	1.6360	26000.	80	22946	No

43	GOM_NL__2PRFIN20060721_032954_000000392049_00347_22946_0145.N1	21-JUL-2006 03:29:54	Dark	39.000	30	46Eps Ori	1.6940	30000.	78	22946	No
44	GOM_NL__2PRFIN20060721_033208_000000392049_00347_22946_0146.N1	21-JUL-2006 03:32:08	Dark	38.500	7	19Bet Ori	0.10000	14000.	77	22946	No
45	GOM_NL__2PRFIN20060721_033522_000000362049_00347_22946_0147.N1	21-JUL-2006 03:35:22	Dark	36.000	139	9Bet Lep	2.8330	5600.0	72	22946	No
46	GOM_NL__2PRFIN20060721_035049_000000442049_00348_22947_0128.N1	21-JUL-2006 03:50:49	Dark	43.500	9	Alp Eri	0.45300	24000.	87	22947	No
47	GOM_NL__2PRFIN20060721_035354_000000372049_00348_22947_0129.N1	21-JUL-2006 03:53:54	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22947	No
48	GOM_NL__2PRFIN20060721_035812_000000432049_00348_22947_0130.N1	21-JUL-2006 03:58:12	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	22947	No
49	GOM_NL__2PRFIN20060721_040152_000000392049_00348_22947_0131.N1	21-JUL-2006 04:01:52	Straylight	38.500	45	Alp Pav	1.9400	26000.	77	22947	No
50	GOM_NL__2PRFIN20060721_040943_000000412049_00348_22947_0132.N1	21-JUL-2006 04:09:43	Bright	41.000	38	20Eps Sgr	1.8360	11000.	82	22947	No
51	GOM_NL__2PRFIN20060721_041138_000000392049_00348_22947_0133.N1	21-JUL-2006 04:11:38	Bright	38.500	57	34Sig Sgr	2.0660	26000.	77	22947	No
52	GOM_NL__2PRFIN20060721_041258_000000382049_00348_22947_0134.N1	21-JUL-2006 04:12:58	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	22947	No
53	GOM_NL__2PRFIN20060721_042317_000000372049_00348_22947_0135.N1	21-JUL-2006 04:23:17	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	22947	No
54	GOM_NL__2PRFIN20060721_043020_000000392049_00348_22947_0136.N1	21-JUL-2006 04:30:20	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	22947	No
55	GOM_NL__2PRFIN20060721_043351_000000372049_00348_22947_0137.N1	21-JUL-2006 04:33:51	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	22947	No
56	GOM_NL__2PRFIN20060721_043720_000000362049_00348_22947_0138.N1	21-JUL-2006 04:37:20	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22947	No
57	GOM_NL__2PRFIN20060721_044134_000000362049_00348_22947_0139.N1	21-JUL-2006 04:41:34	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	22947	No
58	GOM_NL__2PRFIN20060721_044451_000000342049_00348_22947_0140.N1	21-JUL-2006 04:44:51	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	22947	No
59	GOM_NL__2PRFIN20060721_045722_000000402049_00348_22947_0141.N1	21-JUL-2006 04:57:22	Bright	39.500	6	13Alp Aur	0.080000	3400.0	79	22947	No
60	GOM_NL__2PRFIN20060721_050114_000000382049_00348_22947_0142.N1	21-JUL-2006 05:01:14	Bright	38.000	114	3lot Aur	2.6930	4600.0	76	22947	No
61	GOM_NL__2PRFIN20060721_050626_000000562049_00348_22947_0143.N1	21-JUL-2006 05:06:26	Twilight	56.000	13	87Alp Tau	0.86700	3800.0	112	22947	No
62	GOM_NL__2PRFIN20060721_050834_000000412049_00348_22947_0144.N1	21-JUL-2006 05:08:34	Dark	40.500	27	24Gam Ori	1.6360	26000.	81	22947	No
63	GOM_NL__2PRFIN20060721_051030_000000382049_00348_22947_0145.N1	21-JUL-2006 05:10:30	Dark	37.500	30	46Eps Ori	1.6940	30000.	75	22947	No
64	GOM_NL__2PRFIN20060721_051245_000000372049_00348_22947_0146.N1	21-JUL-2006 05:12:45	Dark	37.000	7	19Bet Ori	0.10000	14000.	74	22947	No
65	GOM_NL__2PRFIN20060721_051558_000000402049_00348_22947_0147.N1	21-JUL-2006 05:15:58	Dark	40.000	139	9Bet Lep	2.8330	5600.0	80	22947	No
66	GOM_NL__2PRFIN20060721_053126_000000442049_00349_22948_0128.N1	21-JUL-2006 05:31:26	Dark	43.500	9	Alp Eri	0.45300	24000.	87	22948	No
67	GOM_NL__2PRFIN20060721_053430_000000362049_00349_22948_0129.N1	21-JUL-2006 05:34:30	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	22948	No
68	GOM_NL__2PRFIN20060721_053848_000000432049_00349_22948_0130.N1	21-JUL-2006 05:38:48	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	22948	No
69	GOM_NL__2PRFIN20060721_054229_000000412049_00349_22948_0131.N1	21-JUL-2006 05:42:29	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	22948	No
70	GOM_NL__2PRFIN20060721_055020_000000392049_00349_22948_0132.N1	21-JUL-2006 05:50:20	Bright	38.500	38	20Eps Sgr	1.8360	11000.	77	22948	No
71	GOM_NL__2PRFIN20060721_055214_000000452049_00349_22948_0133.N1	21-JUL-2006 05:52:14	Bright	45.000	57	34Sig Sgr	2.0660	26000.	90	22948	No
72	GOM_NL__2PRFIN20060721_055335_000000392049_00349_22948_0134.N1	21-JUL-2006 05:53:35	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	22948	No
73	GOM_NL__2PRFIN20060721_060352_000000372049_00349_22948_0135.N1	21-JUL-2006 06:03:52	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	22948	No
74	GOM_NL__2PRFIN20060721_061056_000000392049_00349_22948_0136.N1	21-JUL-2006 06:10:56	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	22948	No
75	GOM_NL__2PRFIN20060721_061427_000000372049_00349_22948_0137.N1	21-JUL-2006 06:14:27	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	22948	No
76	GOM_NL__2PRFIN20060721_061756_000000362049_00349_22948_0138.N1	21-JUL-2006 06:17:56	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22948	No
77	GOM_NL__2PRFIN20060721_062210_000000372049_00349_22948_0139.N1	21-JUL-2006 06:22:10	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	22948	No
78	GOM_NL__2PRFIN20060721_062527_000000352049_00349_22948_0140.N1	21-JUL-2006 06:25:27	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	22948	No
79	GOM_NL__2PRFIN20060721_063759_000000382049_00349_22948_0141.N1	21-JUL-2006 06:37:59	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	22948	No
80	GOM_NL__2PRFIN20060721_064151_000000412049_00349_22948_0142.N1	21-JUL-2006 06:41:51	Bright	40.500	114	3lot Aur	2.6930	4600.0	81	22948	No
81	GOM_NL__2PRFIN20060721_064702_000000562049_00349_22948_0143.N1	21-JUL-2006 06:47:02	Twilight	56.000	13	87Alp Tau	0.86700	3800.0	112	22948	No
82	GOM_NL__2PRFIN20060721_064910_000000372049_00349_22948_0144.N1	21-JUL-2006 06:49:10	Dark	37.000	27	24Gam Ori	1.6360	26000.	74	22948	No
83	GOM_NL__2PRFIN20060721_065106_000000362049_00349_22948_0145.N1	21-JUL-2006 06:51:06	Dark	35.500	30	46Eps Ori	1.6940	30000.	71	22948	No
84	GOM_NL__2PRFIN20060721_065321_000000402049_00349_22948_0146.N1	21-JUL-2006 06:53:21	Dark	39.500	7	19Bet Ori	0.10000	14000.	79	22948	No
85	GOM_NL__2PRFIN20060721_065634_000000412049_00349_22948_0147.N1	21-JUL-2006 06:56:34	Dark	41.000	139	9Bet Lep	2.8330	5600.0	82	22948	No
86	GOM_NL__2PRFIN20060721_071203_000000532049_00350_22949_0148.N1	21-JUL-2006 07:12:03	Dark	53.000	9	Alp Eri	0.45300	24000.	106	22949	No
87	GOM_NL__2PRFIN20060721_071507_000000372049_00350_22949_0149.N1	21-JUL-2006 07:15:07	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22949	No
88	GOM_NL__2PRFIN20060721_071925_000000422049_00350_22949_0150.N1	21-JUL-2006 07:19:25	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	22949	No
89	GOM_NL__2PRFIN20060721_072305_000000372049_00350_22949_0151.N1	21-JUL-2006 07:23:05	Straylight	37.000	45	Alp Pav	1.9400	26000.	74	22949	No
90	GOM_NL__2PRFIN20060721_073056_000000402049_00350_22949_0152.N1	21-JUL-2006 07:30:56	Bright	40.000	38	20Eps Sgr	1.8360	11000.	80	22949	No
91	GOM_NL__2PRFIN20060721_073250_000000382049_00350_22949_0153.N1	21-JUL-2006 07:32:50	Bright	37.500	57	34Sig Sgr	2.0660	26000.	75	22949	No
92	GOM_NL__2PRFIN20060721_073411_000000372049_00350_22949_0154.N1	21-JUL-2006 07:34:11	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	22949	No
93	GOM_NL__2PRFIN20060721_074428_000000382049_00350_22949_0155.N1	21-JUL-2006 07:44:28	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	22949	No
94	GOM_NL__2PRFIN20060721_075132_000000402049_00350_22949_0156.N1	21-JUL-2006 07:51:32	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	22949	No
95	GOM_NL__2PRFIN20060721_075503_000000382049_00350_22949_0157.N1	21-JUL-2006 07:55:03	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	22949	No
96	GOM_NL__2PRFIN20060721_075833_000000372049_00350_22949_0158.N1	21-JUL-2006 07:58:33	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	22949	No
97	GOM_NL__2PRFIN20060721_080247_000000362049_00350_22949_0159.N1	21-JUL-2006 08:02:47	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	22949	No
98	GOM_NL__2PRFIN20060721_080603_000000342049_00350_22949_0160.N1	21-JUL-2006 08:06:03	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	22949	No
99	GOM_NL__2PRFIN20060721_081834_000000382049_00350_22949_0161.N1	21-JUL-2006 08:18:34	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	22949	No
100	GOM_NL__2PRFIN20060721_082227_000000392049_00350_22949_0162.N1	21-JUL-2006 08:22:27	Bright	39.000	114	3lot Aur	2.6930	4600.0	78	22949	No
101	GOM_NL__2PRFIN20060721_082739_000000412049_00350_22949_0163.N1	21-JUL-2006 08:27:39	Twilight	41.000	13	87Alp Tau	0.86700	3800.0	82	22949	No

102	GOM_NL__2PRFIN20060721_082946_000000362049_00350_22949_0164.N1	21-JUL-2006 08:29:46	Dark	36.000	27	24Gam Ori	1.6360	26000.	72	22949	No
103	GOM_NL__2PRFIN20060721_083142_000000362049_00350_22949_0165.N1	21-JUL-2006 08:31:42	Dark	36.000	30	46Eps Ori	1.6940	30000.	72	22949	No
104	GOM_NL__2PRFIN20060721_083357_000000452049_00350_22949_0166.N1	21-JUL-2006 08:33:57	Dark	44.500	7	19Bet Ori	0.10000	14000.	89	22949	No
105	GOM_NL__2PRFIN20060721_083711_000000402049_00350_22949_0167.N1	21-JUL-2006 08:37:11	Dark	40.000	139	9Bet Lep	2.8330	5600.0	80	22949	No
106	GOM_NL__2PRFIN20060721_085239_000000412049_00351_22950_0148.N1	21-JUL-2006 08:52:39	Dark	40.500	9	Alp Eri	0.45300	24000.	81	22950	No
107	GOM_NL__2PRFIN20060721_085543_000000372049_00351_22950_0149.N1	21-JUL-2006 08:55:43	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22950	No
108	GOM_NL__2PRFIN20060721_090001_000000412049_00351_22950_0150.N1	21-JUL-2006 09:00:01	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	22950	No
109	GOM_NL__2PRFIN20060721_090341_000000402049_00351_22950_0151.N1	21-JUL-2006 09:03:41	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	22950	No
110	GOM_NL__2PRFIN20060721_091132_000000402049_00351_22950_0152.N1	21-JUL-2006 09:11:32	Bright	39.500	38	20Eps Sgr	1.8360	11000.	79	22950	No
111	GOM_NL__2PRFIN20060721_091326_000000392049_00351_22950_0153.N1	21-JUL-2006 09:13:26	Bright	38.500	57	34Sig Sgr	2.0660	26000.	77	22950	No
112	GOM_NL__2PRFIN20060721_091447_000000382049_00351_22950_0154.N1	21-JUL-2006 09:14:47	Bright	38.000	155	41Pi Sgr	2.9000	6600.0	76	22950	No
113	GOM_NL__2PRFIN20060721_092504_000000372049_00351_22950_0155.N1	21-JUL-2006 09:25:04	Bright	36.500	168	17Zet Aql	2.9860	11000.	73	22950	No
114	GOM_NL__2PRFIN20060721_093208_000000402049_00351_22950_0156.N1	21-JUL-2006 09:32:08	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	22950	No
115	GOM_NL__2PRFIN20060721_093539_000000392049_00351_22950_0157.N1	21-JUL-2006 09:35:39	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	22950	No
116	GOM_NL__2PRFIN20060721_093909_000000352049_00351_22950_0158.N1	21-JUL-2006 09:39:09	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	22950	No
117	GOM_NL__2PRFIN20060721_094323_000000342049_00351_22950_0159.N1	21-JUL-2006 09:43:23	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	22950	No
118	GOM_NL__2PRFIN20060721_094639_000000362049_00351_22950_0160.N1	21-JUL-2006 09:46:39	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	22950	No
119	GOM_NL__2PRFIN20060721_095911_000000372049_00351_22950_0161.N1	21-JUL-2006 09:59:11	Bright	36.500	6	13Alp Aur	0.080000	3400.0	73	22950	No
120	GOM_NL__2PRFIN20060721_100303_000000392049_00351_22950_0162.N1	21-JUL-2006 10:03:03	Bright	38.500	114	3lot Aur	2.6930	4600.0	77	22950	No
121	GOM_NL__2PRFIN20060721_100815_000000422049_00351_22950_0163.N1	21-JUL-2006 10:08:15	Twilight	42.000	13	87Alp Tau	0.86700	3800.0	84	22950	No
122	GOM_NL__2PRFIN20060721_101022_000000362049_00351_22950_0164.N1	21-JUL-2006 10:10:22	Dark	36.000	27	24Gam Ori	1.6360	26000.	72	22950	No
123	GOM_NL__2PRFIN20060721_101218_000000372049_00351_22950_0165.N1	21-JUL-2006 10:12:18	Dark	36.500	30	46Eps Ori	1.6940	30000.	73	22950	No
124	GOM_NL__2PRFIN20060721_101433_000000492049_00351_22950_0166.N1	21-JUL-2006 10:14:33	Dark	48.500	7	19Bet Ori	0.10000	14000.	97	22950	No
125	GOM_NL__2PRFIN20060721_101655_000000402049_00351_22950_0167.N1	21-JUL-2006 10:16:55	Dark	40.000	101	11Alp Lep	2.5820	7000.0	80	22950	No
126	GOM_NL__2PRFIN20060721_103316_000000422049_00352_22951_0148.N1	21-JUL-2006 10:33:16	Dark	42.000	9	Alp Eri	0.45300	24000.	84	22951	No
127	GOM_NL__2PRFIN20060721_103619_000000372049_00352_22951_0149.N1	21-JUL-2006 10:36:19	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22951	No
128	GOM_NL__2PRFIN20060721_104038_000000412049_00352_22951_0150.N1	21-JUL-2006 10:40:38	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	22951	No
129	GOM_NL__2PRFIN20060721_104417_000000412049_00352_22951_0151.N1	21-JUL-2006 10:44:17	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	22951	No
130	GOM_NL__2PRFIN20060721_105208_000000422049_00352_22951_0152.N1	21-JUL-2006 10:52:08	Bright	41.500	38	20Eps Sgr	1.8360	11000.	83	22951	No
131	GOM_NL__2PRFIN20060721_105402_000000392049_00352_22951_0153.N1	21-JUL-2006 10:54:02	Bright	38.500	57	34Sig Sgr	2.0660	26000.	77	22951	No
132	GOM_NL__2PRFIN20060721_105523_000000382049_00352_22951_0154.N1	21-JUL-2006 10:55:23	Bright	38.000	155	41Pi Sgr	2.9000	6600.0	76	22951	No
133	GOM_NL__2PRFIN20060721_110540_000000372049_00352_22951_0155.N1	21-JUL-2006 11:05:40	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	22951	No
134	GOM_NL__2PRFIN20060721_111244_000000402049_00352_22951_0156.N1	21-JUL-2006 11:12:44	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	22951	No
135	GOM_NL__2PRFIN20060721_111615_000000372049_00352_22951_0157.N1	21-JUL-2006 11:16:15	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	22951	No
136	GOM_NL__2PRFIN20060721_111945_000000362049_00352_22951_0158.N1	21-JUL-2006 11:19:45	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22951	No
137	GOM_NL__2PRFIN20060721_112359_000000332049_00352_22951_0159.N1	21-JUL-2006 11:23:59	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	22951	No
138	GOM_NL__2PRFIN20060721_112715_000000362049_00352_22951_0160.N1	21-JUL-2006 11:27:15	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	22951	No
139	GOM_NL__2PRFIN20060721_113946_000000382049_00352_22951_0161.N1	21-JUL-2006 11:39:46	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	22951	No
140	GOM_NL__2PRFIN20060721_114339_000000392049_00352_22951_0162.N1	21-JUL-2006 11:43:39	Bright	39.000	114	3lot Aur	2.6930	4600.0	78	22951	No
141	GOM_NL__2PRFIN20060721_114851_000000492049_00352_22951_0163.N1	21-JUL-2006 11:48:51	Twilight	49.000	13	87Alp Tau	0.86700	3800.0	98	22951	No
142	GOM_NL__2PRFIN20060721_115058_000000372049_00352_22951_0164.N1	21-JUL-2006 11:50:58	Dark	36.500	27	24Gam Ori	1.6360	26000.	73	22951	No
143	GOM_NL__2PRFIN20060721_115255_000000382049_00352_22951_0165.N1	21-JUL-2006 11:52:55	Dark	37.500	30	46Eps Ori	1.6940	30000.	75	22951	No
144	GOM_NL__2PRFIN20060721_115510_000000482049_00352_22951_0166.N1	21-JUL-2006 11:55:10	Dark	47.500	7	19Bet Ori	0.10000	14000.	95	22951	No
145	GOM_NL__2PRFIN20060721_115731_000000392049_00352_22951_0167.N1	21-JUL-2006 11:57:31	Dark	39.000	101	11Alp Lep	2.5820	7000.0	78	22951	No
146	GOM_NL__2PRFIN20060721_121352_000000412049_00353_22952_0148.N1	21-JUL-2006 12:13:52	Dark	41.000	9	Alp Eri	0.45300	24000.	82	22952	No
147	GOM_NL__2PRFIN20060721_121655_000000382049_00353_22952_0149.N1	21-JUL-2006 12:16:55	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	22952	No
148	GOM_NL__2PRFIN20060721_122114_000000422049_00353_22952_0150.N1	21-JUL-2006 12:21:14	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	22952	No
149	GOM_NL__2PRFIN20060721_122454_000000402049_00353_22952_0151.N1	21-JUL-2006 12:24:54	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	22952	No
150	GOM_NL__2PRFIN20060721_123333_000000422049_00353_22952_0152.N1	21-JUL-2006 12:33:33	Bright	42.000	103	38Zet Sgr	2.6000	9700.0	84	22952	No
151	GOM_NL__2PRFIN20060721_123559_000000382049_00353_22952_0153.N1	21-JUL-2006 12:35:59	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	22952	No
152	GOM_NL__2PRFIN20060721_124616_000000182049_00353_22952_0154.N1	21-JUL-2006 12:46:16	Tw_and_stray	18.000	168	17Zet Aql	2.9860	11000.	36	22952	No
153	GOM_NL__2PRFIN20060721_125319_000000352049_00353_22952_0155.N1	21-JUL-2006 12:53:19	Bright	34.500	5	3Alp Lyr	0.033000	11000.	69	22952	No
154	GOM_NL__2PRFIN20060721_125650_000000352049_00353_22952_0156.N1	21-JUL-2006 12:56:50	Bright	35.000	69	33Gam Dra	2.2310	3800.0	70	22952	No
155	GOM_NL__2PRFIN20060721_130021_000000362049_00353_22952_0157.N1	21-JUL-2006 13:00:21	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22952	No
156	GOM_NL__2PRFIN20060721_130435_000000372049_00353_22952_0158.N1	21-JUL-2006 13:04:35	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	22952	No
157	GOM_NL__2PRFIN20060721_130751_000000362049_00353_22952_0159.N1	21-JUL-2006 13:07:51	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22952	No
158	GOM_NL__2PRFIN20060721_132022_000000532049_00353_22952_0160.N1	21-JUL-2006 13:20:22	Bright	53.000	6	13Alp Aur	0.080000	3400.0	106	22952	No
159	GOM_NL__2PRFIN20060721_132415_000000402049_00353_22952_0161.N1	21-JUL-2006 13:24:15	Bright	39.500	114	3lot Aur	2.6930	4600.0	79	22952	No
160	GOM_NL__2PRFIN20060721_132927_000000502049_00353_22952_0162.N1	21-JUL-2006 13:29:27	Twilight	50.000	13	87Alp Tau	0.86700	3800.0	100	22952	No



161	GOM_NL__2PRFIN20060721_133135_000000412049_00353_22952_0163.N1	21-JUL-2006 13:31:35	Dark	40.500	27	24Gam Ori	1.6360	26000.	81	22952	No
162	GOM_NL__2PRFIN20060721_133331_000000402049_00353_22952_0164.N1	21-JUL-2006 13:33:31	Dark	40.000	30	46Eps Ori	1.6940	30000.	80	22952	No
163	GOM_NL__2PRFIN20060721_133546_000000402049_00353_22952_0165.N1	21-JUL-2006 13:35:46	Dark	39.500	7	19Bet Ori	0.10000	14000.	79	22952	No
164	GOM_NL__2PRFIN20060721_133807_000000392049_00353_22952_0166.N1	21-JUL-2006 13:38:07	Dark	38.500	101	11Alp Lep	2.5820	7000.0	77	22952	No
165	GOM_NL__2PRFIN20060721_135429_000000492049_00354_22953_0148.N1	21-JUL-2006 13:54:29	Dark	49.000	9	Alp Eri	0.45300	24000.	98	22953	No
166	GOM_NL__2PRFIN20060721_135731_000000362049_00354_22953_0149.N1	21-JUL-2006 13:57:31	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	22953	No
167	GOM_NL__2PRFIN20060721_140150_000000422049_00354_22953_0150.N1	21-JUL-2006 14:01:50	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	22953	No
168	GOM_NL__2PRFIN20060721_140530_000000402049_00354_22953_0151.N1	21-JUL-2006 14:05:30	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	22953	No
169	GOM_NL__2PRFIN20060721_141409_000000532049_00354_22953_0152.N1	21-JUL-2006 14:14:09	Bright	52.500	103	38Zet Sgr	2.6000	9700.0	105	22953	No
170	GOM_NL__2PRFIN20060721_141635_000000392049_00354_22953_0153.N1	21-JUL-2006 14:16:35	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	22953	No
171	GOM_NL__2PRFIN20060721_142651_000000382049_00354_22953_0154.N1	21-JUL-2006 14:26:51	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	22953	No
172	GOM_NL__2PRFIN20060721_143355_000000372049_00354_22953_0155.N1	21-JUL-2006 14:33:55	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	22953	No
173	GOM_NL__2PRFIN20060721_143726_000000382049_00354_22953_0156.N1	21-JUL-2006 14:37:26	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	22953	No
174	GOM_NL__2PRFIN20060721_144057_000000362049_00354_22953_0157.N1	21-JUL-2006 14:40:57	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22953	No
175	GOM_NL__2PRFIN20060721_144511_000000362049_00354_22953_0158.N1	21-JUL-2006 14:45:11	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	22953	No
176	GOM_NL__2PRFIN20060721_144827_000000342049_00354_22953_0159.N1	21-JUL-2006 14:48:27	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	22953	No
177	GOM_NL__2PRFIN20060721_150058_000000392049_00354_22953_0160.N1	21-JUL-2006 15:00:58	Bright	39.000	6	13Alp Aur	0.080000	3400.0	78	22953	No
178	GOM_NL__2PRFIN20060721_150451_000000502049_00354_22953_0161.N1	21-JUL-2006 15:04:51	Bright	49.500	114	3lot Aur	2.6930	4600.0	99	22953	No
179	GOM_NL__2PRFIN20060721_151004_000000502049_00354_22953_0162.N1	21-JUL-2006 15:10:04	Twilight	49.500	13	87Alp Tau	0.86700	3800.0	99	22953	No
180	GOM_NL__2PRFIN20060721_151211_000000392049_00354_22953_0163.N1	21-JUL-2006 15:12:11	Dark	39.000	27	24Gam Ori	1.6360	26000.	78	22953	No
181	GOM_NL__2PRFIN20060721_151407_000000402049_00354_22953_0164.N1	21-JUL-2006 15:14:07	Dark	40.000	30	46Eps Ori	1.6940	30000.	80	22953	No
182	GOM_NL__2PRFIN20060721_151622_000000382049_00354_22953_0165.N1	21-JUL-2006 15:16:22	Dark	37.500	7	19Bet Ori	0.10000	14000.	75	22953	No
183	GOM_NL__2PRFIN20060721_151844_000000362049_00354_22953_0166.N1	21-JUL-2006 15:18:44	Dark	36.000	101	11Alp Lep	2.5820	7000.0	72	22953	No
184	GOM_NL__2PRFIN20060721_153505_000000432049_00355_22954_0148.N1	21-JUL-2006 15:35:05	Dark	42.500	9	Alp Eri	0.45300	24000.	85	22954	No
185	GOM_NL__2PRFIN20060721_153807_000000382049_00355_22954_0149.N1	21-JUL-2006 15:38:07	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	22954	No
186	GOM_NL__2PRFIN20060721_154227_000000422049_00355_22954_0150.N1	21-JUL-2006 15:42:27	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	22954	No
187	GOM_NL__2PRFIN20060721_154606_000000382049_00355_22954_0151.N1	21-JUL-2006 15:46:06	Straylight	37.500	45	Alp Pav	1.9400	26000.	75	22954	No
188	GOM_NL__2PRFIN20060721_155445_000000482049_00355_22954_0152.N1	21-JUL-2006 15:54:45	Bright	48.000	103	38Zet Sgr	2.6000	9700.0	96	22954	No
189	GOM_NL__2PRFIN20060721_155711_000000372049_00355_22954_0153.N1	21-JUL-2006 15:57:11	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	22954	No
190	GOM_NL__2PRFIN20060721_160727_000000382049_00355_22954_0154.N1	21-JUL-2006 16:07:27	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	22954	No
191	GOM_NL__2PRFIN20060721_161431_000000392049_00355_22954_0155.N1	21-JUL-2006 16:14:31	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	22954	No
192	GOM_NL__2PRFIN20060721_161802_000000382049_00355_22954_0156.N1	21-JUL-2006 16:18:02	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	22954	No
193	GOM_NL__2PRFIN20060721_162547_000000332049_00355_22954_0157.N1	21-JUL-2006 16:25:47	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	22954	No
194	GOM_NL__2PRFIN20060721_162903_000000362049_00355_22954_0158.N1	21-JUL-2006 16:29:03	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22954	No
195	GOM_NL__2PRFIN20060721_164134_000000372049_00355_22954_0159.N1	21-JUL-2006 16:41:34	Bright	37.000	6	13Alp Aur	0.080000	3400.0	74	22954	No
196	GOM_NL__2PRFIN20060721_164527_000000382049_00355_22954_0160.N1	21-JUL-2006 16:45:27	Bright	37.500	114	3lot Aur	2.6930	4600.0	75	22954	No
197	GOM_NL__2PRFIN20060721_165040_000000532049_00355_22954_0161.N1	21-JUL-2006 16:50:40	Twilight	52.500	13	87Alp Tau	0.86700	3800.0	105	22954	No
198	GOM_NL__2PRFIN20060721_165247_000000402049_00355_22954_0162.N1	21-JUL-2006 16:52:47	Dark	39.500	27	24Gam Ori	1.6360	26000.	79	22954	No
199	GOM_NL__2PRFIN20060721_165443_000000352049_00355_22954_0163.N1	21-JUL-2006 16:54:43	Dark	35.000	30	46Eps Ori	1.6940	30000.	70	22954	No
200	GOM_NL__2PRFIN20060721_165658_000000362049_00355_22954_0164.N1	21-JUL-2006 16:56:58	Dark	35.500	7	19Bet Ori	0.10000	14000.	71	22954	No
201	GOM_NL__2PRFIN20060721_165920_000000392049_00355_22954_0165.N1	21-JUL-2006 16:59:20	Dark	38.500	101	11Alp Lep	2.5820	7000.0	77	22954	No
202	GOM_NL__2PRFIN20060721_171542_000000452049_00356_22955_0148.N1	21-JUL-2006 17:15:42	Dark	44.500	9	Alp Eri	0.45300	24000.	89	22955	No
203	GOM_NL__2PRFIN20060721_171843_000000372049_00356_22955_0149.N1	21-JUL-2006 17:18:43	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22955	No
204	GOM_NL__2PRFIN20060721_172303_000000432049_00356_22955_0150.N1	21-JUL-2006 17:23:03	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	22955	No
205	GOM_NL__2PRFIN20060721_172642_000000422049_00356_22955_0151.N1	21-JUL-2006 17:26:42	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	22955	No
206	GOM_NL__2PRFIN20060721_173521_000000472049_00356_22955_0152.N1	21-JUL-2006 17:35:21	Bright	47.000	103	38Zet Sgr	2.6000	9700.0	94	22955	No
207	GOM_NL__2PRFIN20060721_173747_000000382049_00356_22955_0153.N1	21-JUL-2006 17:37:47	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	22955	No
208	GOM_NL__2PRFIN20060721_174803_000000382049_00356_22955_0154.N1	21-JUL-2006 17:48:03	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	22955	No
209	GOM_NL__2PRFIN20060721_175507_000000392049_00356_22955_0155.N1	21-JUL-2006 17:55:07	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	22955	No
210	GOM_NL__2PRFIN20060721_175838_000000382049_00356_22955_0156.N1	21-JUL-2006 17:58:38	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	22955	No
211	GOM_NL__2PRFIN20060721_180624_000000362049_00356_22955_0157.N1	21-JUL-2006 18:06:24	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	22955	No
212	GOM_NL__2PRFIN20060721_180938_000000372049_00356_22955_0158.N1	21-JUL-2006 18:09:38	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	22955	No
213	GOM_NL__2PRFIN20060721_182210_000000382049_00356_22955_0159.N1	21-JUL-2006 18:22:10	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	22955	No
214	GOM_NL__2PRFIN20060721_182603_000000382049_00356_22955_0160.N1	21-JUL-2006 18:26:03	Bright	38.000	114	3lot Aur	2.6930	4600.0	76	22955	No
215	GOM_NL__2PRFIN20060721_183116_000000562049_00356_22955_0161.N1	21-JUL-2006 18:31:16	Twilight	55.500	13	87Alp Tau	0.86700	3800.0	111	22955	No
216	GOM_NL__2PRFIN20060721_183323_000000362049_00356_22955_0162.N1	21-JUL-2006 18:33:23	Dark	36.000	27	24Gam Ori	1.6360	26000.	72	22955	No
217	GOM_NL__2PRFIN20060721_183519_000000352049_00356_22955_0163.N1	21-JUL-2006 18:35:19	Dark	35.000	30	46Eps Ori	1.6940	30000.	70	22955	No
218	GOM_NL__2PRFIN20060721_183735_000000372049_00356_22955_0164.N1	21-JUL-2006 18:37:35	Dark	36.500	7	19Bet Ori	0.10000	14000.	73	22955	No
219	GOM_NL__2PRFIN20060721_183956_000000382049_00356_22955_0165.N1	21-JUL-2006 18:39:56	Dark	37.500	101	11Alp Lep	2.5820	7000.0	75	22955	No

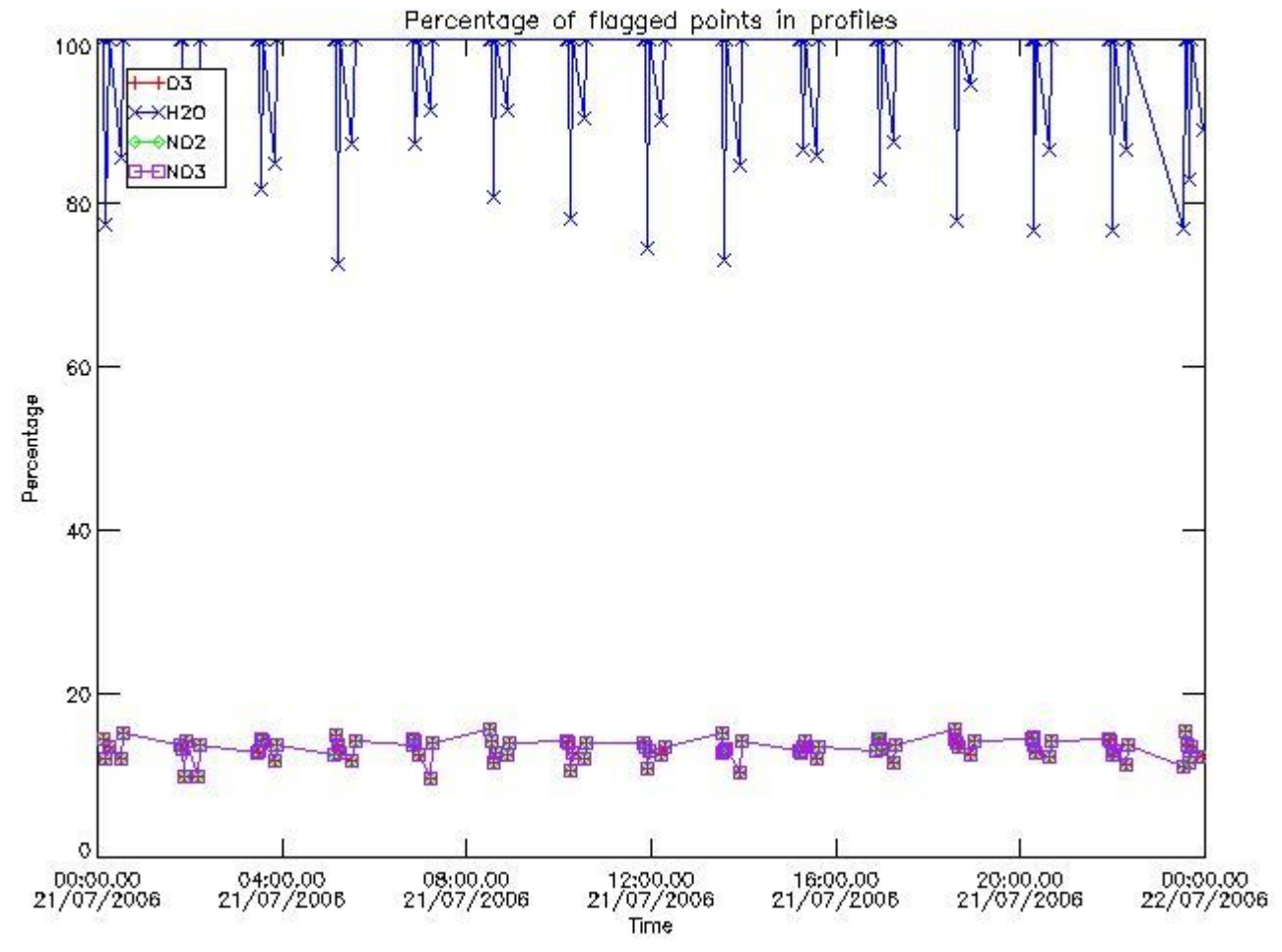
220	GOM_NL__2PRFIN20060721_185619_000000452049_00357_22956_0148.N1	21-JUL-2006 18:56:19	Dark	45.000	9	Alp Eri	0.45300	24000.	90	22956	No
221	GOM_NL__2PRFIN20060721_185920_000000362049_00357_22956_0149.N1	21-JUL-2006 18:59:20	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	22956	No
222	GOM_NL__2PRFIN20060721_190340_000000412049_00357_22956_0150.N1	21-JUL-2006 19:03:40	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	22956	No
223	GOM_NL__2PRFIN20060721_190719_000000382049_00357_22956_0151.N1	21-JUL-2006 19:07:19	Straylight	38.000	45	Alp Pav	1.9400	26000.	76	22956	No
224	GOM_NL__2PRFIN20060721_191557_000000412049_00357_22956_0152.N1	21-JUL-2006 19:15:57	Bright	40.500	103	38Zet Sgr	2.6000	9700.0	81	22956	No
225	GOM_NL__2PRFIN20060721_191823_000000392049_00357_22956_0153.N1	21-JUL-2006 19:18:23	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	22956	No
226	GOM_NL__2PRFIN20060721_192839_000000372049_00357_22956_0154.N1	21-JUL-2006 19:28:39	Bright	36.500	168	17Zet Aql	2.9860	11000.	73	22956	No
227	GOM_NL__2PRFIN20060721_193543_000000392049_00357_22956_0155.N1	21-JUL-2006 19:35:43	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	22956	No
228	GOM_NL__2PRFIN20060721_193914_000000382049_00357_22956_0156.N1	21-JUL-2006 19:39:14	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	22956	No
229	GOM_NL__2PRFIN20060721_194700_000000272049_00357_22956_0157.N1	21-JUL-2006 19:47:00	Bright	27.000	60	7Bet UMi	2.0810	3950.0	54	22956	No
230	GOM_NL__2PRFIN20060721_195015_000000352049_00357_22956_0158.N1	21-JUL-2006 19:50:15	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	22956	No
231	GOM_NL__2PRFIN20060721_200247_000000412049_00357_22956_0159.N1	21-JUL-2006 20:02:47	Bright	40.500	6	13Alp Aur	0.080000	3400.0	81	22956	No
232	GOM_NL__2PRFIN20060721_200639_000000402049_00357_22956_0160.N1	21-JUL-2006 20:06:39	Bright	39.500	114	3lot Aur	2.6930	4600.0	79	22956	No
233	GOM_NL__2PRFIN20060721_201152_000000462049_00357_22956_0161.N1	21-JUL-2006 20:11:52	Twilight	45.500	13	87Alp Tau	0.86700	3800.0	91	22956	No
234	GOM_NL__2PRFIN20060721_201359_000000352049_00357_22956_0162.N1	21-JUL-2006 20:13:59	Dark	35.000	27	24Gam Ori	1.6360	26000.	70	22956	No
235	GOM_NL__2PRFIN20060721_201555_000000352049_00357_22956_0163.N1	21-JUL-2006 20:15:55	Dark	34.500	30	46Eps Ori	1.6940	30000.	69	22956	No
236	GOM_NL__2PRFIN20060721_201811_000000372049_00357_22956_0164.N1	21-JUL-2006 20:18:11	Dark	37.000	7	19Bet Ori	0.10000	14000.	74	22956	No
237	GOM_NL__2PRFIN20060721_202032_000000402049_00357_22956_0165.N1	21-JUL-2006 20:20:32	Dark	40.000	101	11Alp Lep	2.5820	7000.0	80	22956	No
238	GOM_NL__2PRFIN20060721_203655_000000422049_00358_22957_0148.N1	21-JUL-2006 20:36:55	Dark	41.500	9	Alp Eri	0.45300	24000.	83	22957	No
239	GOM_NL__2PRFIN20060721_203956_000000362049_00358_22957_0149.N1	21-JUL-2006 20:39:56	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	22957	No
240	GOM_NL__2PRFIN20060721_204416_000000472049_00358_22957_0150.N1	21-JUL-2006 20:44:16	Straylight	46.500	148	Alp Tuc	2.8780	4100.0	93	22957	No
241	GOM_NL__2PRFIN20060721_204755_000000392049_00358_22957_0151.N1	21-JUL-2006 20:47:55	Straylight	38.500	45	Alp Pav	1.9400	26000.	77	22957	No
242	GOM_NL__2PRFIN20060721_205633_000000472049_00358_22957_0152.N1	21-JUL-2006 20:56:33	Bright	46.500	103	38Zet Sgr	2.6000	9700.0	93	22957	No
243	GOM_NL__2PRFIN20060721_205859_000000382049_00358_22957_0153.N1	21-JUL-2006 20:58:59	Bright	38.000	155	41Pi Sgr	2.9000	6600.0	76	22957	No
244	GOM_NL__2PRFIN20060721_210915_000000372049_00358_22957_0154.N1	21-JUL-2006 21:09:15	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	22957	No
245	GOM_NL__2PRFIN20060721_211619_000000352049_00358_22957_0155.N1	21-JUL-2006 21:16:19	Bright	34.500	5	3Alp Lyr	0.033000	11000.	69	22957	No
246	GOM_NL__2PRFIN20060721_211950_000000382049_00358_22957_0156.N1	21-JUL-2006 21:19:50	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	22957	No
247	GOM_NL__2PRFIN20060721_212736_000000272049_00358_22957_0157.N1	21-JUL-2006 21:27:36	Bright	27.000	60	7Bet UMi	2.0810	3950.0	54	22957	No
248	GOM_NL__2PRFIN20060721_213050_000000362049_00358_22957_0158.N1	21-JUL-2006 21:30:50	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22957	No
249	GOM_NL__2PRFIN20060721_214322_000000402049_00358_22957_0159.N1	21-JUL-2006 21:43:22	Bright	40.000	6	13Alp Aur	0.080000	3400.0	80	22957	No
250	GOM_NL__2PRFIN20060721_214715_000000392049_00358_22957_0160.N1	21-JUL-2006 21:47:15	Bright	38.500	114	3lot Aur	2.6930	4600.0	77	22957	No
251	GOM_NL__2PRFIN20060721_215228_000000512049_00358_22957_0161.N1	21-JUL-2006 21:52:28	Twilight	51.000	13	87Alp Tau	0.86700	3800.0	102	22957	No
252	GOM_NL__2PRFIN20060721_215435_000000352049_00358_22957_0162.N1	21-JUL-2006 21:54:35	Dark	35.000	27	24Gam Ori	1.6360	26000.	70	22957	No
253	GOM_NL__2PRFIN20060721_215631_000000362049_00358_22957_0163.N1	21-JUL-2006 21:56:31	Dark	36.000	30	46Eps Ori	1.6940	30000.	72	22957	No
254	GOM_NL__2PRFIN20060721_215847_000000412049_00358_22957_0164.N1	21-JUL-2006 21:58:47	Dark	41.000	7	19Bet Ori	0.10000	14000.	82	22957	No
255	GOM_NL__2PRFIN20060721_220108_000000392049_00358_22957_0165.N1	21-JUL-2006 22:01:08	Dark	39.000	101	11Alp Lep	2.5820	7000.0	78	22957	No
256	GOM_NL__2PRFIN20060721_221732_000000452049_00359_22958_0148.N1	21-JUL-2006 22:17:32	Dark	45.000	9	Alp Eri	0.45300	24000.	90	22958	No
257	GOM_NL__2PRFIN20060721_222032_000000372049_00359_22958_0149.N1	21-JUL-2006 22:20:32	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22958	No
258	GOM_NL__2PRFIN20060721_222453_000000422049_00359_22958_0150.N1	21-JUL-2006 22:24:53	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	22958	No
259	GOM_NL__2PRFIN20060721_222831_000000402049_00359_22958_0151.N1	21-JUL-2006 22:28:31	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	22958	No
260	GOM_NL__2PRFIN20060721_223710_000000532049_00359_22958_0152.N1	21-JUL-2006 22:37:10	Bright	53.000	103	38Zet Sgr	2.6000	9700.0	106	22958	No
261	GOM_NL__2PRFIN20060721_223935_000000392049_00359_22958_0153.N1	21-JUL-2006 22:39:35	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	22958	No
262	GOM_NL__2PRFIN20060721_224951_000000372049_00359_22958_0154.N1	21-JUL-2006 22:49:51	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	22958	No
263	GOM_NL__2PRFIN20060721_225654_000000352049_00359_22958_0155.N1	21-JUL-2006 22:56:54	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	22958	No
264	GOM_NL__2PRFIN20060721_230026_000000392049_00359_22958_0156.N1	21-JUL-2006 23:00:26	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	22958	No
265	GOM_NL__2PRFIN20060721_231126_000000362049_00359_22958_0157.N1	21-JUL-2006 23:11:26	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22958	No
266	GOM_NL__2PRFIN20060721_232358_000000532049_00359_22958_0158.N1	21-JUL-2006 23:23:58	Bright	53.000	6	13Alp Aur	0.080000	3400.0	106	22958	No
267	GOM_NL__2PRFIN20060721_232751_000000542049_00359_22958_0159.N1	21-JUL-2006 23:27:51	Bright	54.000	114	3lot Aur	2.6930	4600.0	108	22958	No
268	GOM_NL__2PRFIN20060721_233305_000000462049_00359_22958_0160.N1	21-JUL-2006 23:33:05	Dark	46.000	13	87Alp Tau	0.86700	3800.0	92	22958	No
269	GOM_NL__2PRFIN20060721_233512_000000372049_00359_22958_0161.N1	21-JUL-2006 23:35:12	Dark	36.500	27	24Gam Ori	1.6360	26000.	73	22958	No
270	GOM_NL__2PRFIN20060721_233707_000000372049_00359_22958_0162.N1	21-JUL-2006 23:37:07	Dark	37.000	30	46Eps Ori	1.6940	30000.	74	22958	No
271	GOM_NL__2PRFIN20060721_233923_000000442049_00359_22958_0163.N1	21-JUL-2006 23:39:23	Dark	44.000	7	19Bet Ori	0.10000	14000.	88	22958	No
272	GOM_NL__2PRFIN20060721_234144_000000382049_00359_22958_0164.N1	21-JUL-2006 23:41:44	Dark	37.500	101	11Alp Lep	2.5820	7000.0	75	22958	No
273	GOM_NL__2PRFIN20060721_235808_000000422049_00360_22959_0168.N1	21-JUL-2006 23:58:08	Dark	41.500	9	Alp Eri	0.45300	24000.	83	22959	No

### 3. Quality information per product

In this section it is plotted some information contained in the Quality Summary data set of

the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

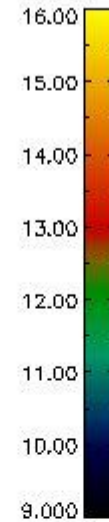
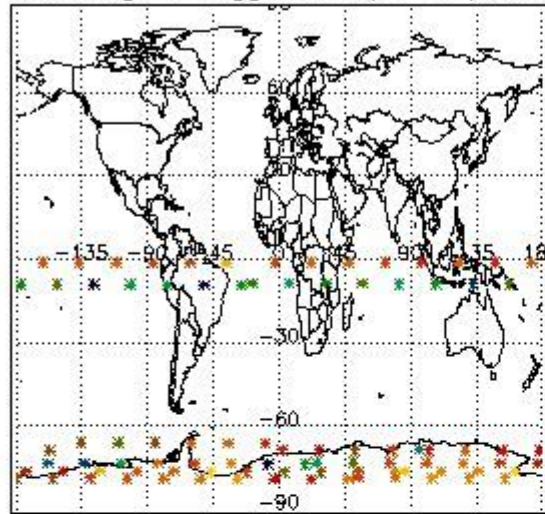
3.1 Plot quality information per product (time dependant)



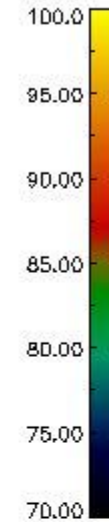
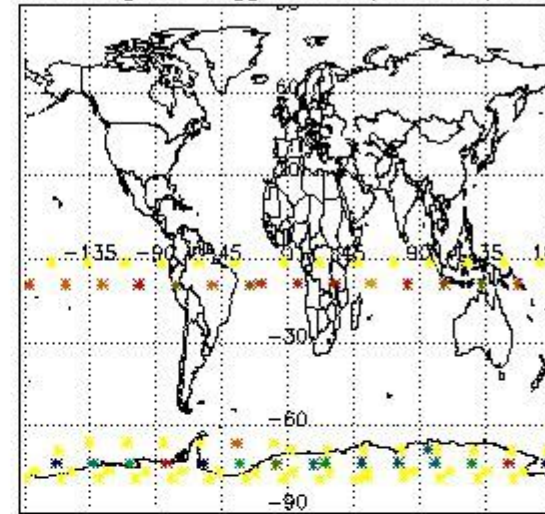
3.2 Plot quality information per product (world map)



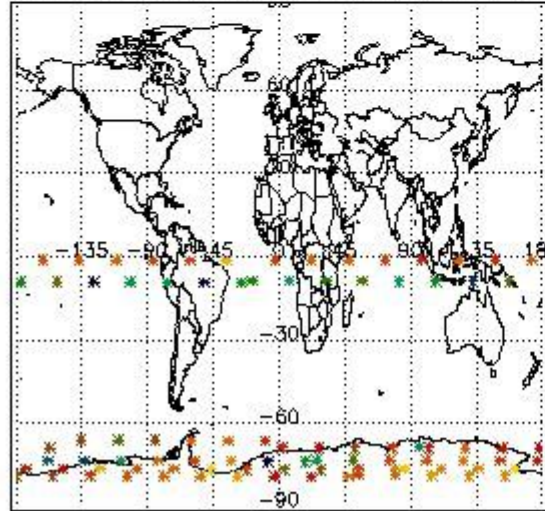
Percentage of flagged data per O3 profile



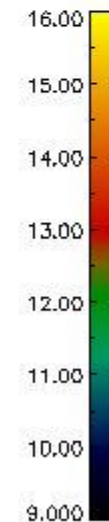
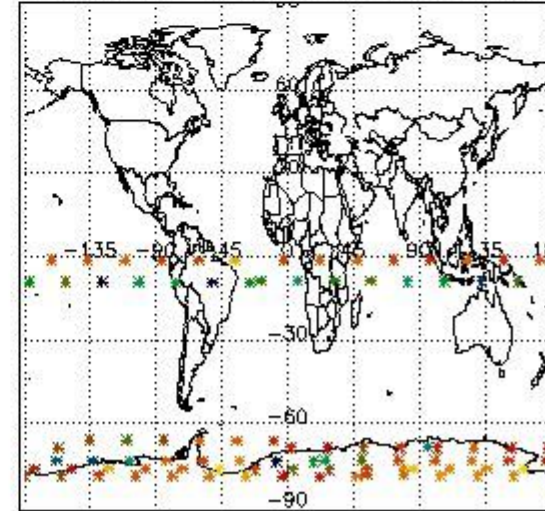
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



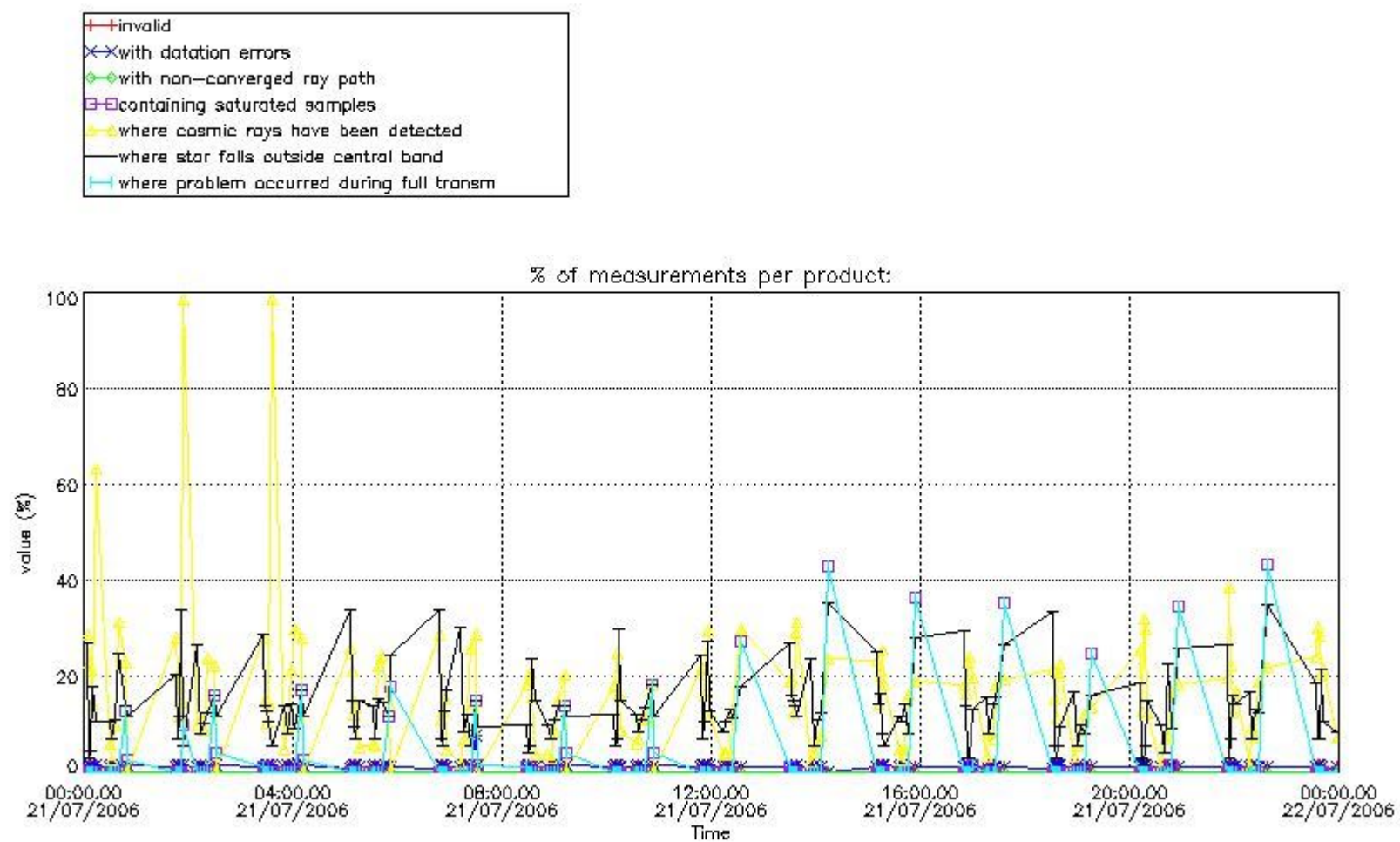
#### 4. Level 1 quality information per product

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

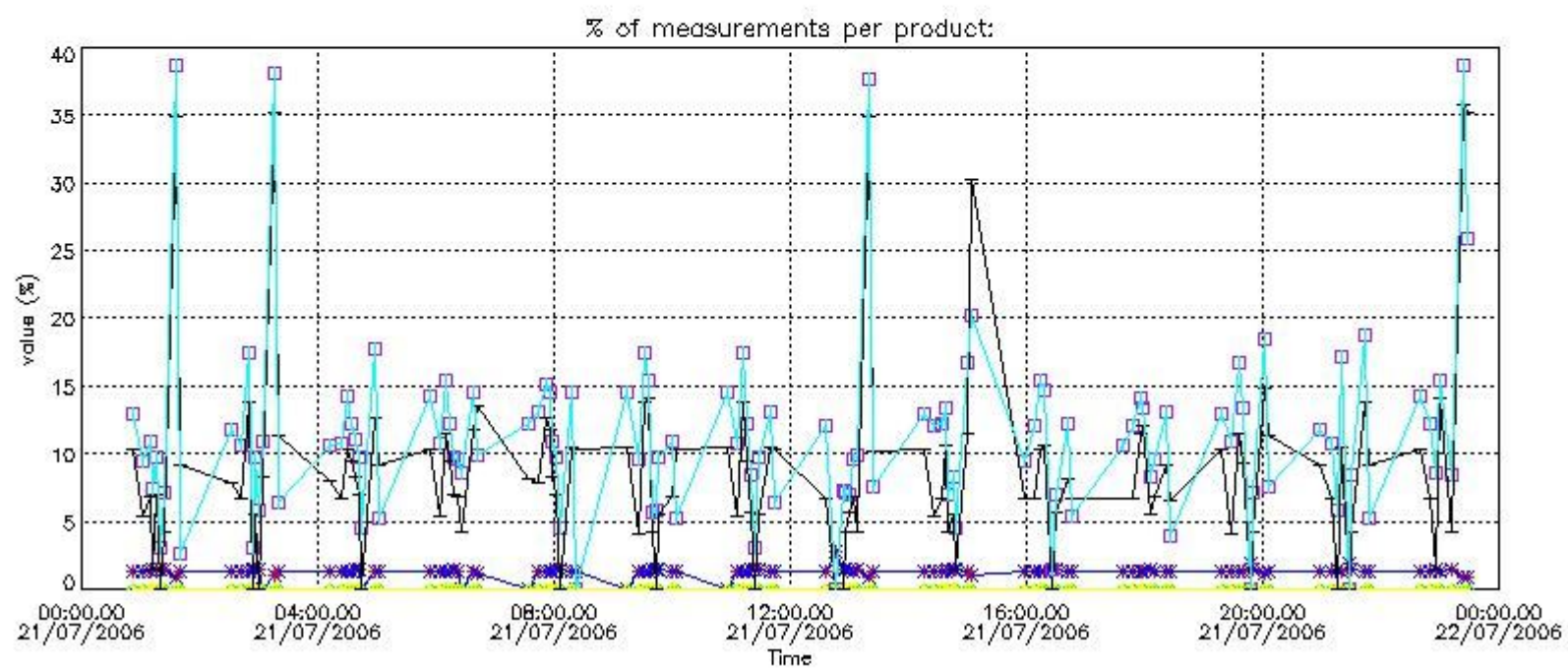
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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





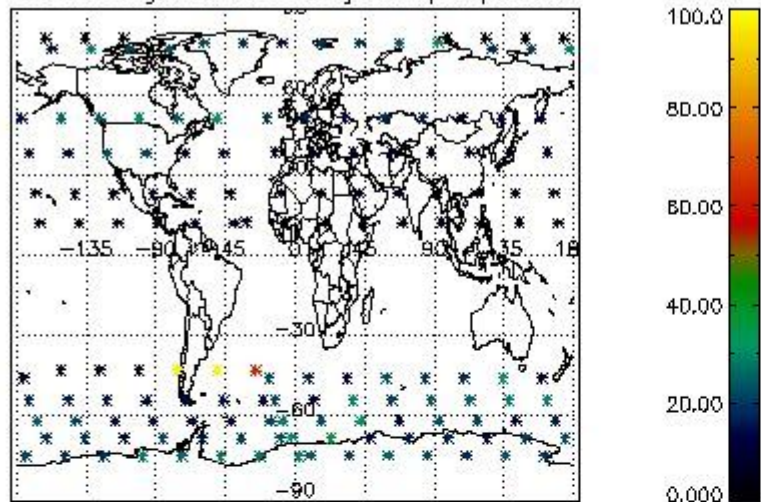
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



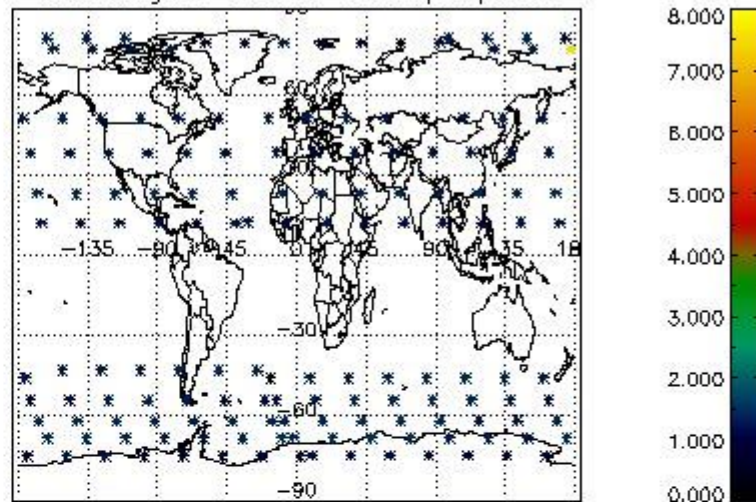
#### 4.2 Plot quality information per product coming from level 1b processing (world map)

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

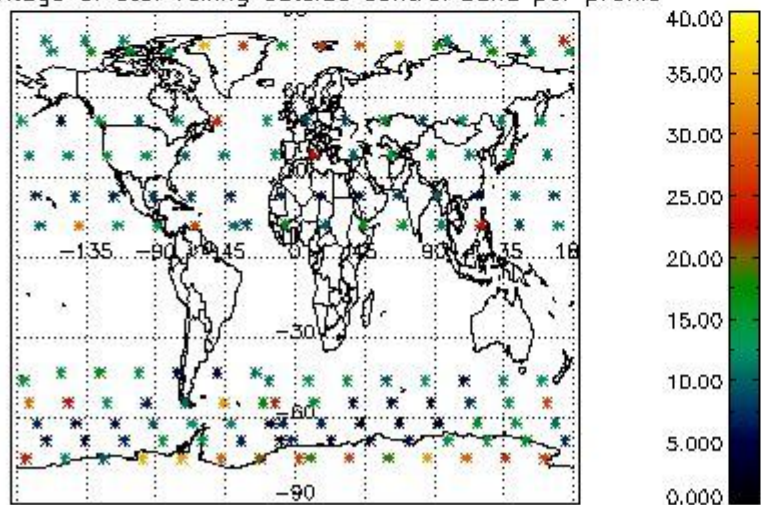
Percentage of cosmic ray hits per profile



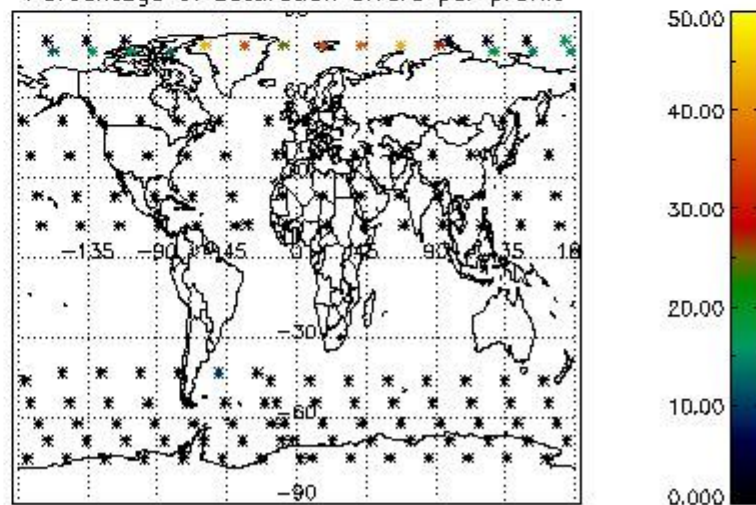
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

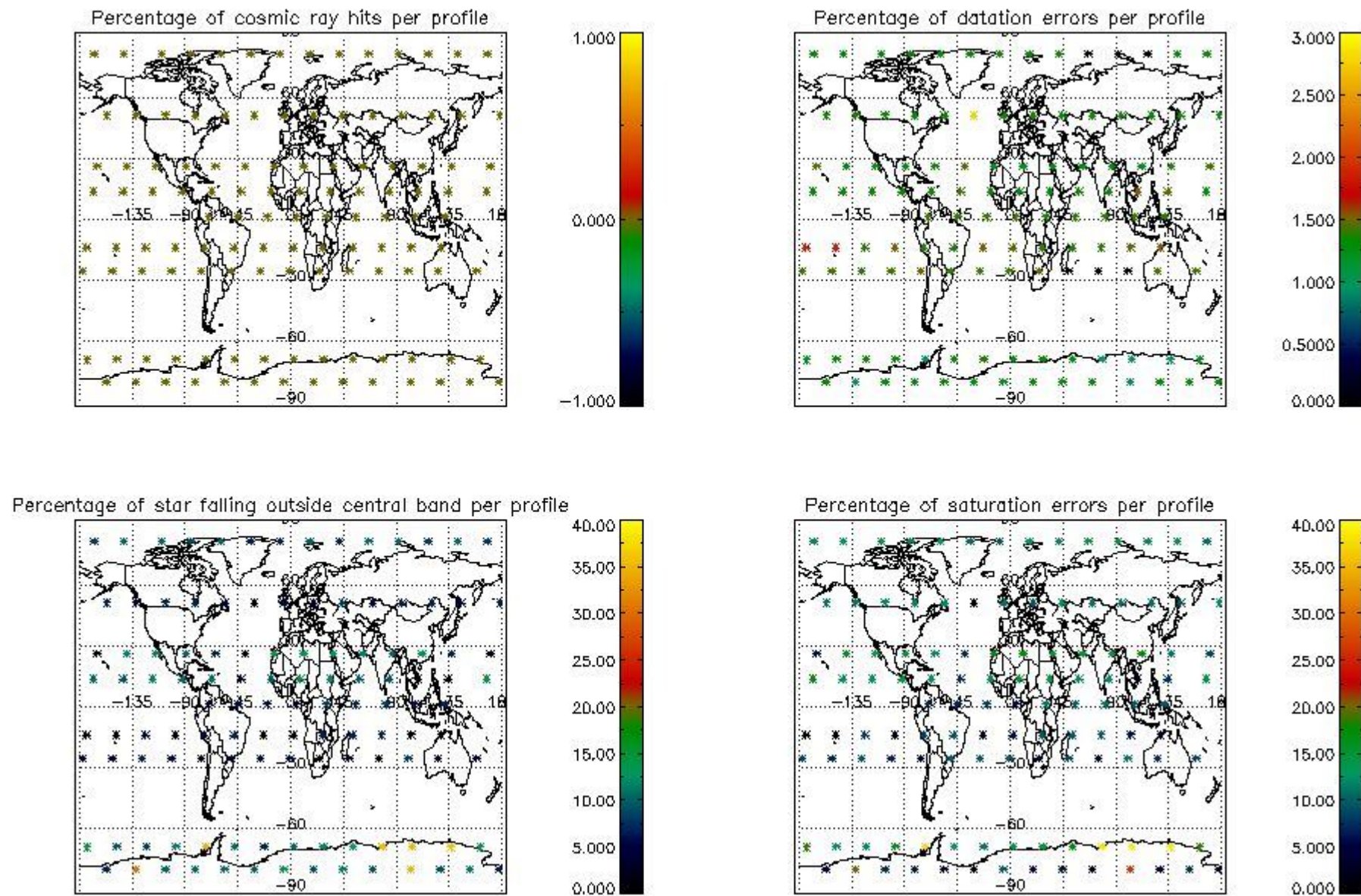


Percentage of saturation errors per profile



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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/o3\_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM\_NL\_\_2P/NL\_SUMMARY\_QUALITY/obs\_ill\_cond=0
- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

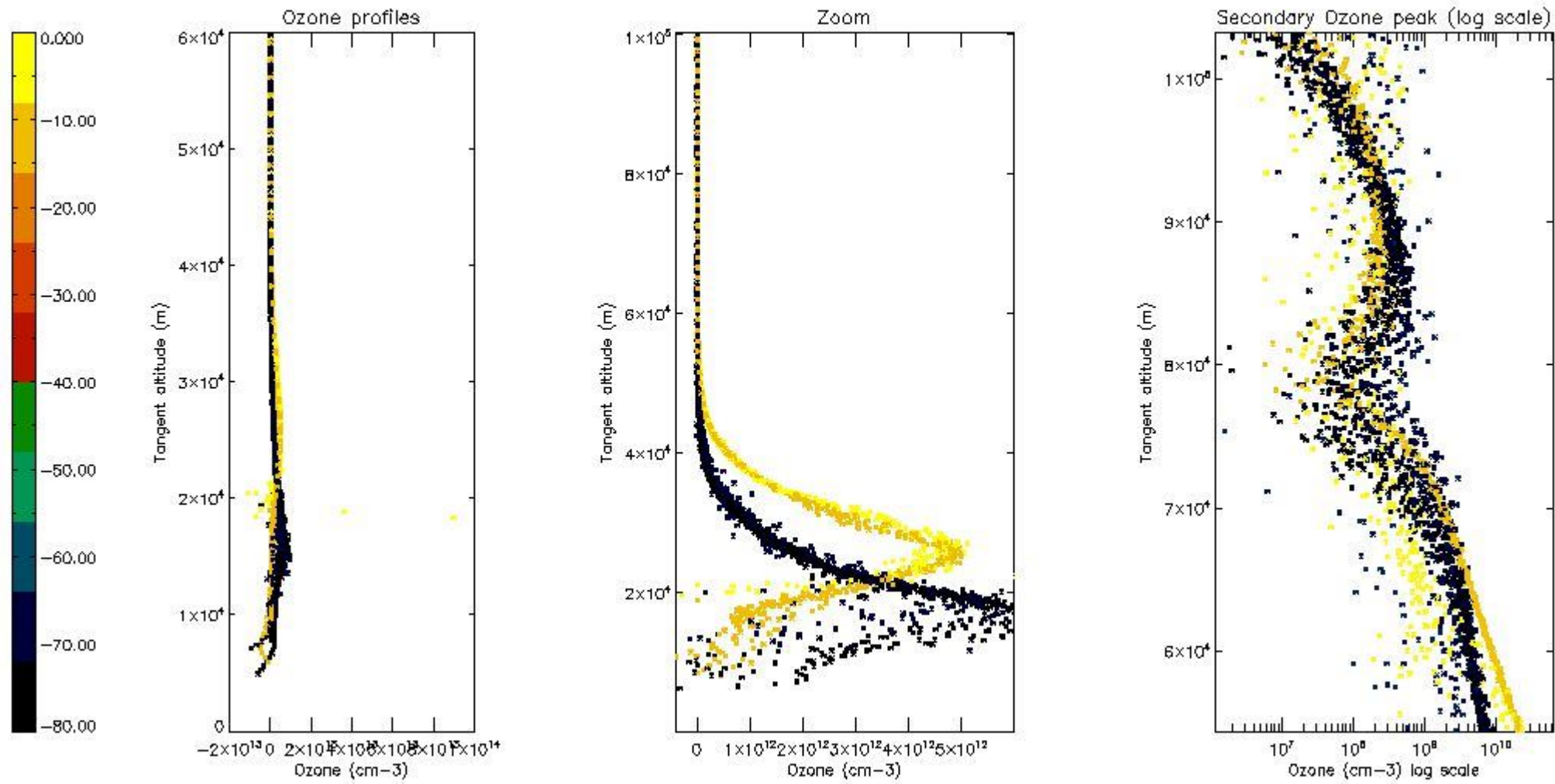
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	34
STD < 20	21

STD < 10	18
STD < 5	13

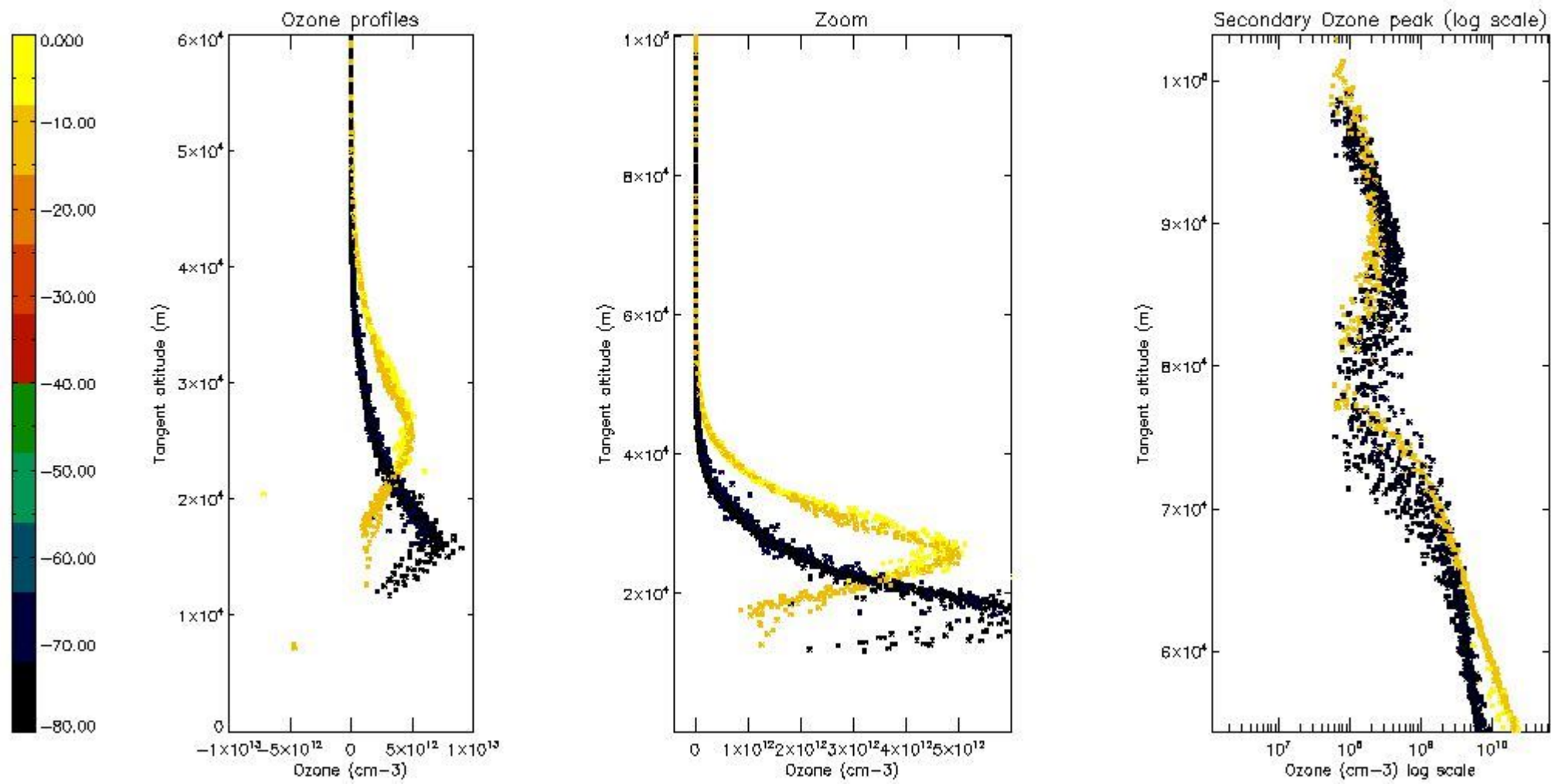
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

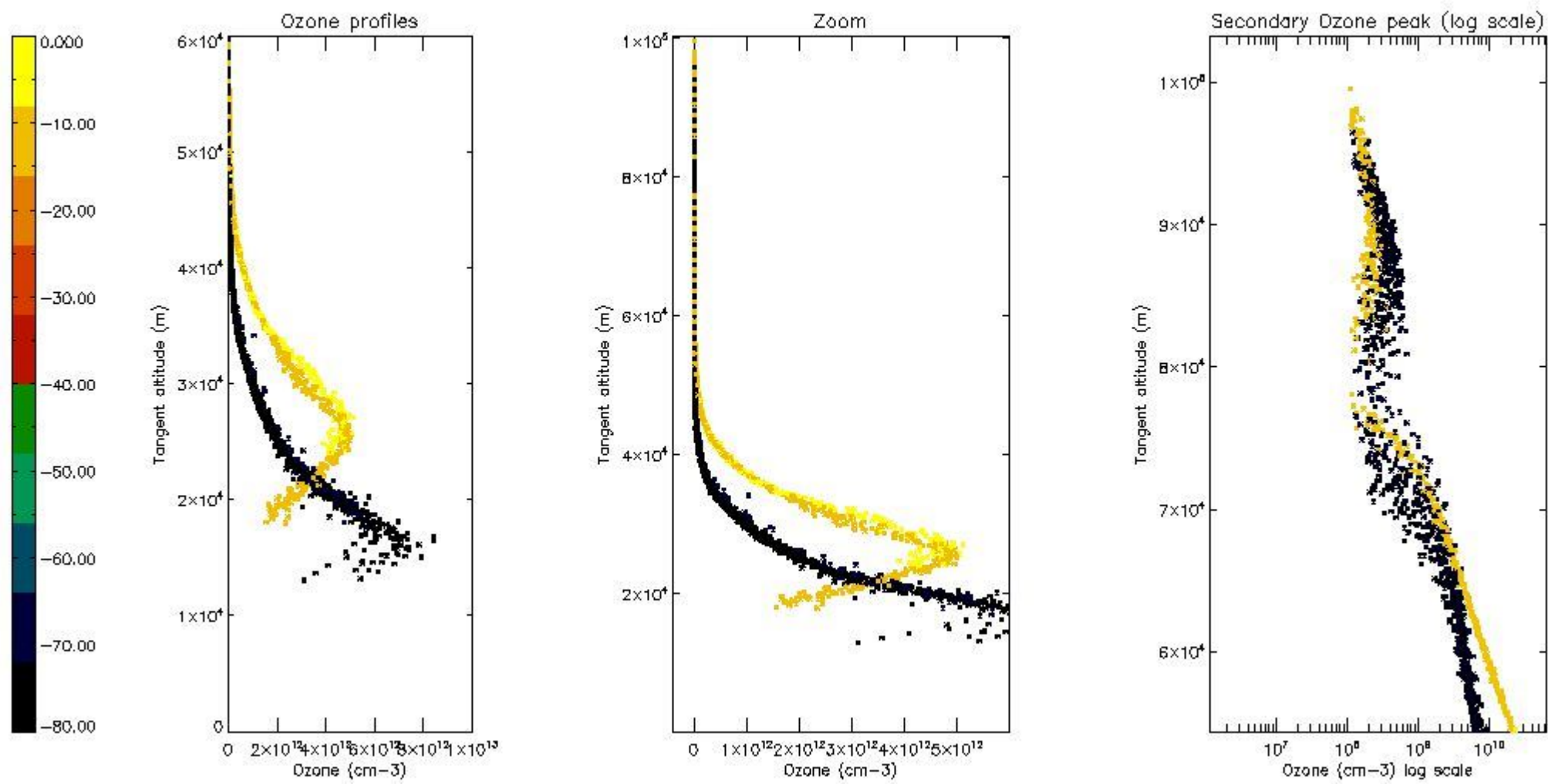
The colorbar represents the latitude.



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

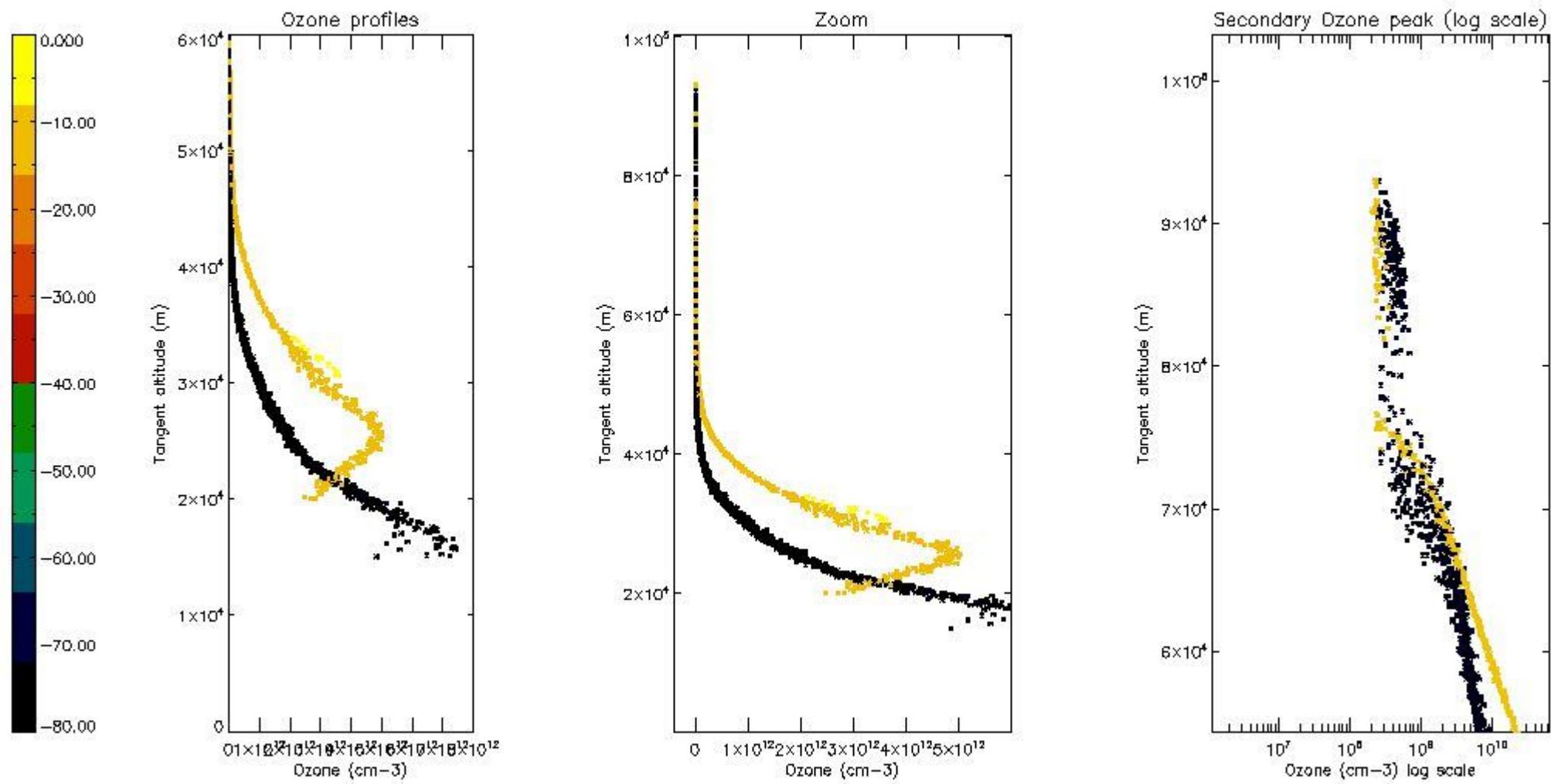
The colorbar represents the latitude.





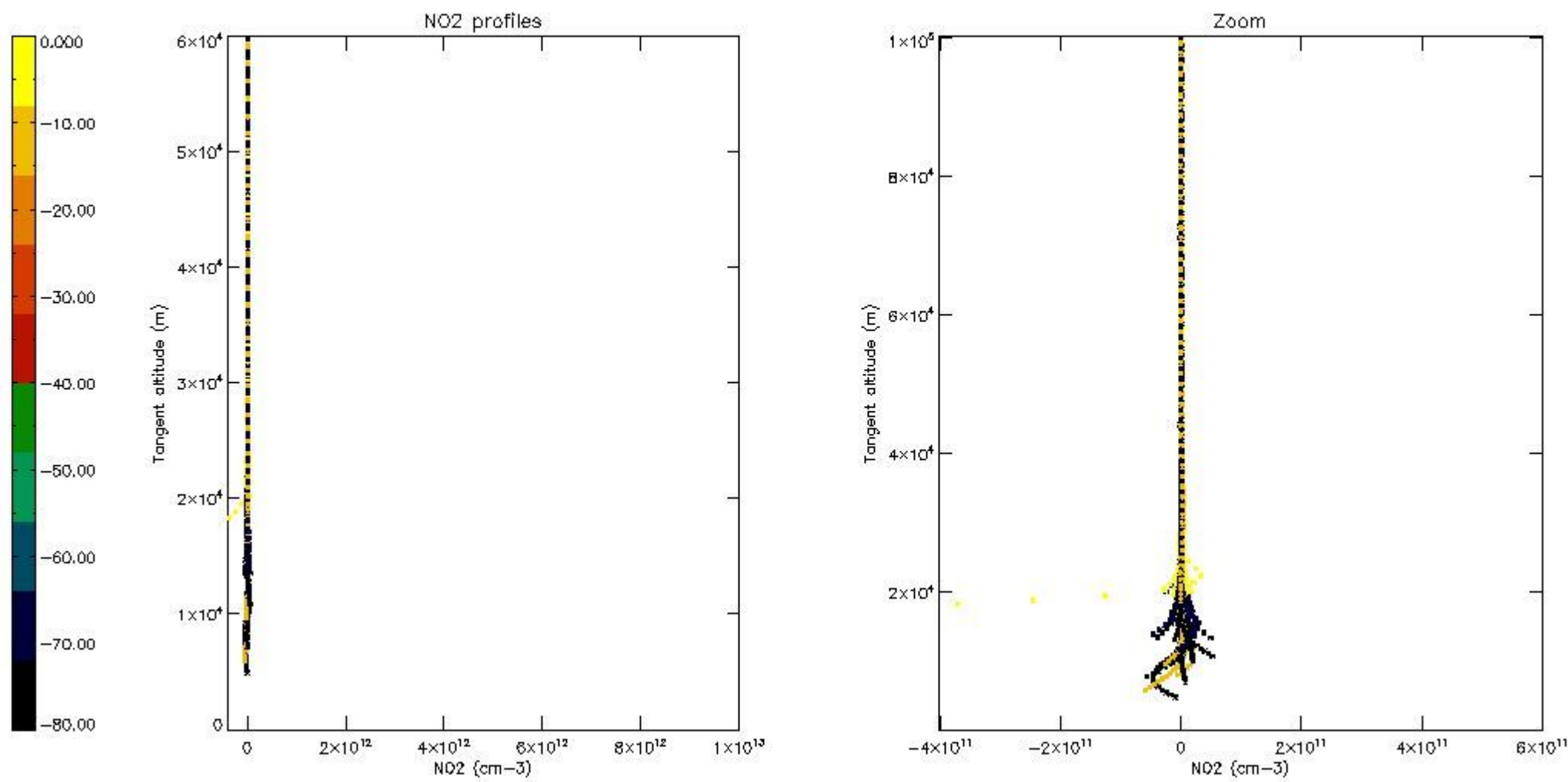
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



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

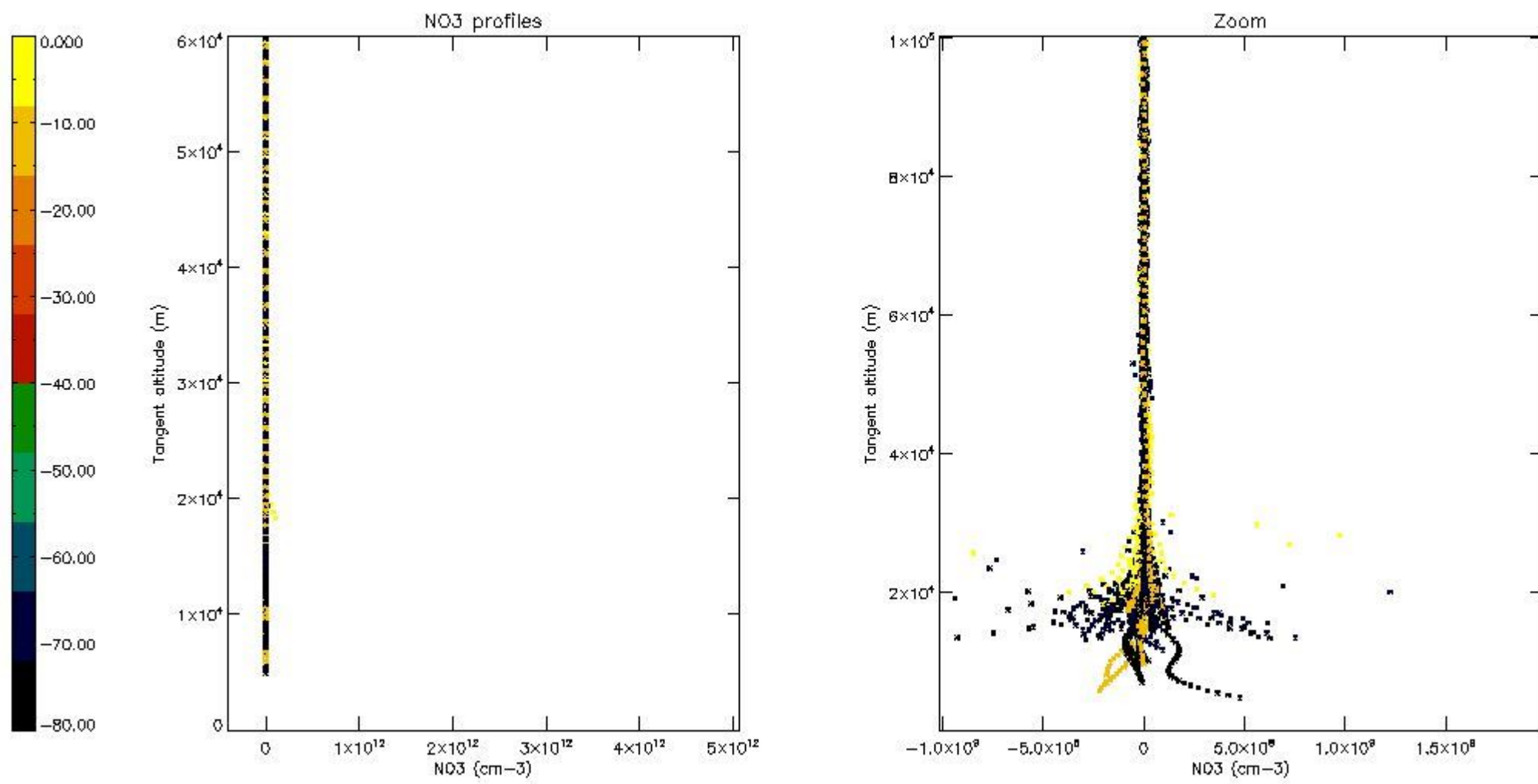
The colorbar represents the latitude.



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

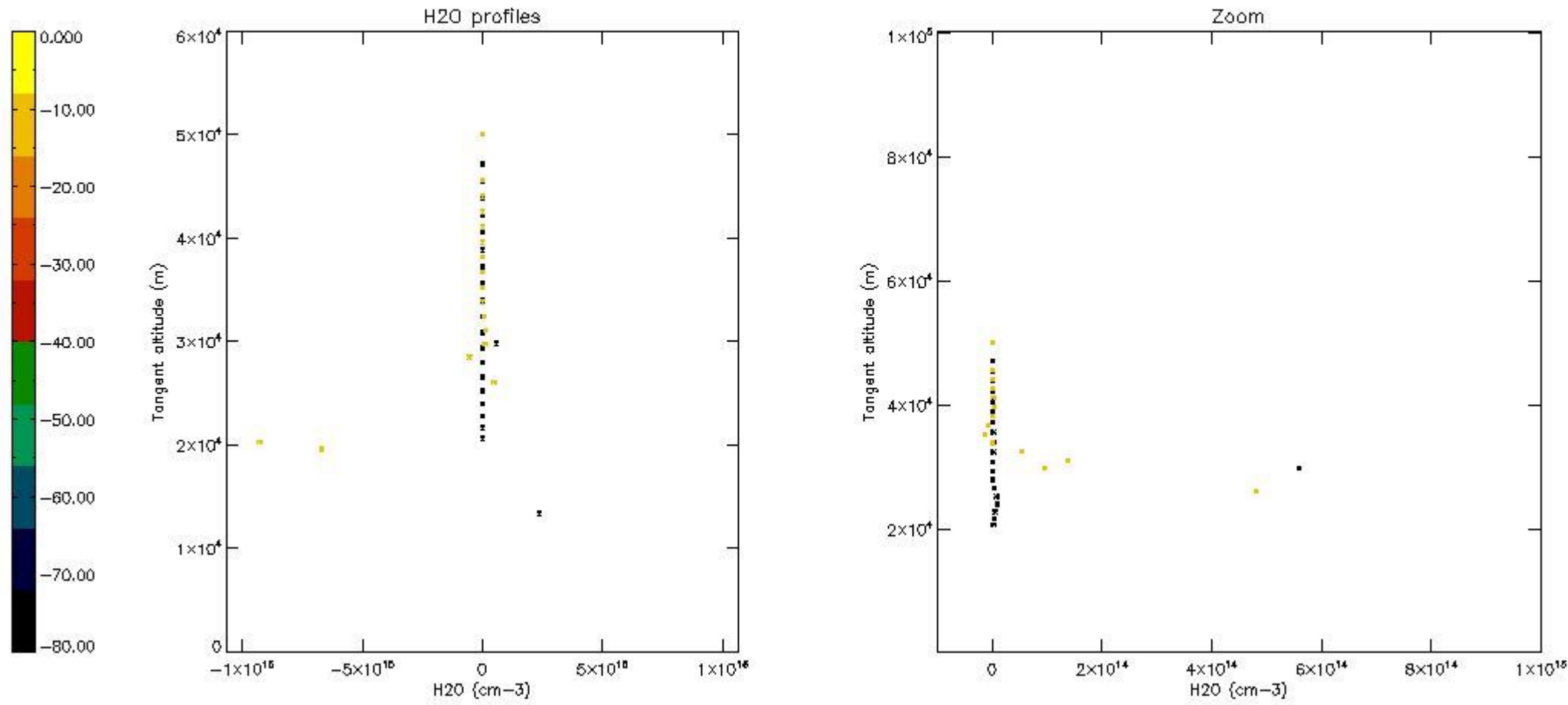
The colorbar represents the latitude.





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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	21-JUL-2006 00:04:37
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	21-JUL-2006 00:04:37
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	21-JUL-2006 00:04:37

# GOMOS Level 2 Daily Report

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



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

Item	Value
Time of report generation	24APR2013 02:11:26
Data source version	GOMOS/6.01
Start time of products	21-07-2006 (21JUL2006 00:00:00)
Stop time of products	22-07-2006 (22JUL2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	273
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__2PRFIN20060721_000437_000000512049_00345_22944_0143.N1	21-JUL-2006 00:04:37	Twilight	50.500	13	87Alp Tau	0.86700	3800.0	101	22944	No
2	GOM_NL__2PRFIN20060721_000645_000000352049_00345_22944_0144.N1	21-JUL-2006 00:06:45	Dark	35.000	27	24Gam Ori	1.6360	26000.	70	22944	No
3	GOM_NL__2PRFIN20060721_000841_000000362049_00345_22944_0145.N1	21-JUL-2006 00:08:41	Dark	35.500	30	46Eps Ori	1.6940	30000.	71	22944	No
4	GOM_NL__2PRFIN20060721_001056_000000432049_00345_22944_0146.N1	21-JUL-2006 00:10:56	Dark	42.500	7	19Bet Ori	0.10000	14000.	85	22944	No
5	GOM_NL__2PRFIN20060721_001410_000000382049_00345_22944_0147.N1	21-JUL-2006 00:14:10	Dark	38.000	139	9Bet Lep	2.8330	5600.0	76	22944	No
6	GOM_NL__2PRFIN20060721_002936_000000422049_00346_22945_0128.N1	21-JUL-2006 00:29:36	Dark	42.000	9	Alp Eri	0.45300	24000.	84	22945	No
7	GOM_NL__2PRFIN20060721_003241_000000372049_00346_22945_0129.N1	21-JUL-2006 00:32:41	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22945	No
8	GOM_NL__2PRFIN20060721_003659_000000422049_00346_22945_0130.N1	21-JUL-2006 00:36:59	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	22945	No
9	GOM_NL__2PRFIN20060721_004040_000000472049_00346_22945_0131.N1	21-JUL-2006 00:40:40	Straylight	46.500	45	Alp Pav	1.9400	26000.	93	22945	No
10	GOM_NL__2PRFIN20060721_004831_000000402049_00346_22945_0132.N1	21-JUL-2006 00:48:31	Bright	39.500	38	20Eps Sgr	1.8360	11000.	79	22945	No
11	GOM_NL__2PRFIN20060721_005025_000000392049_00346_22945_0133.N1	21-JUL-2006 00:50:25	Bright	38.500	57	34Sig Sgr	2.0660	26000.	77	22945	No
12	GOM_NL__2PRFIN20060721_005146_000000392049_00346_22945_0134.N1	21-JUL-2006 00:51:46	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	22945	No
13	GOM_NL__2PRFIN20060721_010205_000000372049_00346_22945_0135.N1	21-JUL-2006 01:02:05	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	22945	No
14	GOM_NL__2PRFIN20060721_010909_000000372049_00346_22945_0136.N1	21-JUL-2006 01:09:09	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	22945	No
15	GOM_NL__2PRFIN20060721_011239_000000342049_00346_22945_0137.N1	21-JUL-2006 01:12:39	Bright	34.000	69	33Gam Dra	2.2310	3800.0	68	22945	No
16	GOM_NL__2PRFIN20060721_011608_000000362049_00346_22945_0138.N1	21-JUL-2006 01:16:08	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22945	No
17	GOM_NL__2PRFIN20060721_012022_000000332049_00346_22945_0139.N1	21-JUL-2006 01:20:22	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	22945	No
18	GOM_NL__2PRFIN20060721_012339_000000352049_00346_22945_0140.N1	21-JUL-2006 01:23:39	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	22945	No
19	GOM_NL__2PRFIN20060721_013610_000000532049_00346_22945_0141.N1	21-JUL-2006 01:36:10	Bright	53.000	6	13Alp Aur	0.080000	3400.0	106	22945	No
20	GOM_NL__2PRFIN20060721_014002_000000382049_00346_22945_0142.N1	21-JUL-2006 01:40:02	Bright	38.000	114	3lot Aur	2.6930	4600.0	76	22945	No
21	GOM_NL__2PRFIN20060721_014514_000000472049_00346_22945_0143.N1	21-JUL-2006 01:45:14	Twilight	46.500	13	87Alp Tau	0.86700	3800.0	93	22945	No
22	GOM_NL__2PRFIN20060721_014721_000000372049_00346_22945_0144.N1	21-JUL-2006 01:47:21	Dark	37.000	27	24Gam Ori	1.6360	26000.	74	22945	No
23	GOM_NL__2PRFIN20060721_014917_000000392049_00346_22945_0145.N1	21-JUL-2006 01:49:17	Dark	38.500	30	46Eps Ori	1.6940	30000.	77	22945	No
24	GOM_NL__2PRFIN20060721_015132_000000522049_00346_22945_0146.N1	21-JUL-2006 01:51:32	Dark	52.000	7	19Bet Ori	0.10000	14000.	104	22945	No
25	GOM_NL__2PRFIN20060721_015446_000000362049_00346_22945_0147.N1	21-JUL-2006 01:54:46	Dark	36.000	139	9Bet Lep	2.8330	5600.0	72	22945	No
26	GOM_NL__2PRFIN20060721_021012_000000512049_00347_22946_0128.N1	21-JUL-2006 02:10:12	Dark	51.000	9	Alp Eri	0.45300	24000.	102	22946	No
27	GOM_NL__2PRFIN20060721_021317_000000372049_00347_22946_0129.N1	21-JUL-2006 02:13:17	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22946	No
28	GOM_NL__2PRFIN20060721_021735_000000402049_00347_22946_0130.N1	21-JUL-2006 02:17:35	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	22946	No
29	GOM_NL__2PRFIN20060721_022116_000000402049_00347_22946_0131.N1	21-JUL-2006 02:21:16	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	22946	No
30	GOM_NL__2PRFIN20060721_022907_000000412049_00347_22946_0132.N1	21-JUL-2006 02:29:07	Bright	40.500	38	20Eps Sgr	1.8360	11000.	81	22946	No
31	GOM_NL__2PRFIN20060721_023101_000000392049_00347_22946_0133.N1	21-JUL-2006 02:31:01	Bright	39.000	57	34Sig Sgr	2.0660	26000.	78	22946	No
32	GOM_NL__2PRFIN20060721_023222_000000382049_00347_22946_0134.N1	21-JUL-2006 02:32:22	Bright	38.000	155	41Pi Sgr	2.9000	6600.0	76	22946	No
33	GOM_NL__2PRFIN20060721_024241_000000382049_00347_22946_0135.N1	21-JUL-2006 02:42:41	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	22946	No
34	GOM_NL__2PRFIN20060721_024944_000000402049_00347_22946_0136.N1	21-JUL-2006 02:49:44	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	22946	No
35	GOM_NL__2PRFIN20060721_025315_000000332049_00347_22946_0137.N1	21-JUL-2006 02:53:15	Bright	33.000	69	33Gam Dra	2.2310	3800.0	66	22946	No
36	GOM_NL__2PRFIN20060721_025644_000000362049_00347_22946_0138.N1	21-JUL-2006 02:56:44	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22946	No
37	GOM_NL__2PRFIN20060721_030058_000000342049_00347_22946_0139.N1	21-JUL-2006 03:00:58	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	22946	No
38	GOM_NL__2PRFIN20060721_030415_000000372049_00347_22946_0140.N1	21-JUL-2006 03:04:15	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	22946	No
39	GOM_NL__2PRFIN20060721_031646_000000532049_00347_22946_0141.N1	21-JUL-2006 03:16:46	Bright	52.500	6	13Alp Aur	0.080000	3400.0	105	22946	No
40	GOM_NL__2PRFIN20060721_032038_000000402049_00347_22946_0142.N1	21-JUL-2006 03:20:38	Bright	39.500	114	3lot Aur	2.6930	4600.0	79	22946	No
41	GOM_NL__2PRFIN20060721_032550_000000522049_00347_22946_0143.N1	21-JUL-2006 03:25:50	Twilight	52.000	13	87Alp Tau	0.86700	3800.0	104	22946	No
42	GOM_NL__2PRFIN20060721_032757_000000402049_00347_22946_0144.N1	21-JUL-2006 03:27:57	Dark	40.000	27	24Gam Ori	1.6360	26000.	80	22946	No

43	GOM_NL__2PRFIN20060721_032954_000000392049_00347_22946_0145.N1	21-JUL-2006 03:29:54	Dark	39.000	30	46Eps Ori	1.6940	30000.	78	22946	No
44	GOM_NL__2PRFIN20060721_033208_000000392049_00347_22946_0146.N1	21-JUL-2006 03:32:08	Dark	38.500	7	19Bet Ori	0.10000	14000.	77	22946	No
45	GOM_NL__2PRFIN20060721_033522_000000362049_00347_22946_0147.N1	21-JUL-2006 03:35:22	Dark	36.000	139	9Bet Lep	2.8330	5600.0	72	22946	No
46	GOM_NL__2PRFIN20060721_035049_000000442049_00348_22947_0128.N1	21-JUL-2006 03:50:49	Dark	43.500	9	Alp Eri	0.45300	24000.	87	22947	No
47	GOM_NL__2PRFIN20060721_035354_000000372049_00348_22947_0129.N1	21-JUL-2006 03:53:54	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22947	No
48	GOM_NL__2PRFIN20060721_035812_000000432049_00348_22947_0130.N1	21-JUL-2006 03:58:12	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	22947	No
49	GOM_NL__2PRFIN20060721_040152_000000392049_00348_22947_0131.N1	21-JUL-2006 04:01:52	Straylight	38.500	45	Alp Pav	1.9400	26000.	77	22947	No
50	GOM_NL__2PRFIN20060721_040943_000000412049_00348_22947_0132.N1	21-JUL-2006 04:09:43	Bright	41.000	38	20Eps Sgr	1.8360	11000.	82	22947	No
51	GOM_NL__2PRFIN20060721_041138_000000392049_00348_22947_0133.N1	21-JUL-2006 04:11:38	Bright	38.500	57	34Sig Sgr	2.0660	26000.	77	22947	No
52	GOM_NL__2PRFIN20060721_041258_000000382049_00348_22947_0134.N1	21-JUL-2006 04:12:58	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	22947	No
53	GOM_NL__2PRFIN20060721_042317_000000372049_00348_22947_0135.N1	21-JUL-2006 04:23:17	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	22947	No
54	GOM_NL__2PRFIN20060721_043020_000000392049_00348_22947_0136.N1	21-JUL-2006 04:30:20	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	22947	No
55	GOM_NL__2PRFIN20060721_043351_000000372049_00348_22947_0137.N1	21-JUL-2006 04:33:51	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	22947	No
56	GOM_NL__2PRFIN20060721_043720_000000362049_00348_22947_0138.N1	21-JUL-2006 04:37:20	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22947	No
57	GOM_NL__2PRFIN20060721_044134_000000362049_00348_22947_0139.N1	21-JUL-2006 04:41:34	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	22947	No
58	GOM_NL__2PRFIN20060721_044451_000000342049_00348_22947_0140.N1	21-JUL-2006 04:44:51	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	22947	No
59	GOM_NL__2PRFIN20060721_045722_000000402049_00348_22947_0141.N1	21-JUL-2006 04:57:22	Bright	39.500	6	13Alp Aur	0.080000	3400.0	79	22947	No
60	GOM_NL__2PRFIN20060721_050114_000000382049_00348_22947_0142.N1	21-JUL-2006 05:01:14	Bright	38.000	114	3lot Aur	2.6930	4600.0	76	22947	No
61	GOM_NL__2PRFIN20060721_050626_000000562049_00348_22947_0143.N1	21-JUL-2006 05:06:26	Twilight	56.000	13	87Alp Tau	0.86700	3800.0	112	22947	No
62	GOM_NL__2PRFIN20060721_050834_000000412049_00348_22947_0144.N1	21-JUL-2006 05:08:34	Dark	40.500	27	24Gam Ori	1.6360	26000.	81	22947	No
63	GOM_NL__2PRFIN20060721_051030_000000382049_00348_22947_0145.N1	21-JUL-2006 05:10:30	Dark	37.500	30	46Eps Ori	1.6940	30000.	75	22947	No
64	GOM_NL__2PRFIN20060721_051245_000000372049_00348_22947_0146.N1	21-JUL-2006 05:12:45	Dark	37.000	7	19Bet Ori	0.10000	14000.	74	22947	No
65	GOM_NL__2PRFIN20060721_051558_000000402049_00348_22947_0147.N1	21-JUL-2006 05:15:58	Dark	40.000	139	9Bet Lep	2.8330	5600.0	80	22947	No
66	GOM_NL__2PRFIN20060721_053126_000000442049_00349_22948_0128.N1	21-JUL-2006 05:31:26	Dark	43.500	9	Alp Eri	0.45300	24000.	87	22948	No
67	GOM_NL__2PRFIN20060721_053430_000000362049_00349_22948_0129.N1	21-JUL-2006 05:34:30	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	22948	No
68	GOM_NL__2PRFIN20060721_053848_000000432049_00349_22948_0130.N1	21-JUL-2006 05:38:48	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	22948	No
69	GOM_NL__2PRFIN20060721_054229_000000412049_00349_22948_0131.N1	21-JUL-2006 05:42:29	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	22948	No
70	GOM_NL__2PRFIN20060721_055020_000000392049_00349_22948_0132.N1	21-JUL-2006 05:50:20	Bright	38.500	38	20Eps Sgr	1.8360	11000.	77	22948	No
71	GOM_NL__2PRFIN20060721_055214_000000452049_00349_22948_0133.N1	21-JUL-2006 05:52:14	Bright	45.000	57	34Sig Sgr	2.0660	26000.	90	22948	No
72	GOM_NL__2PRFIN20060721_055335_000000392049_00349_22948_0134.N1	21-JUL-2006 05:53:35	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	22948	No
73	GOM_NL__2PRFIN20060721_060352_000000372049_00349_22948_0135.N1	21-JUL-2006 06:03:52	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	22948	No
74	GOM_NL__2PRFIN20060721_061056_000000392049_00349_22948_0136.N1	21-JUL-2006 06:10:56	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	22948	No
75	GOM_NL__2PRFIN20060721_061427_000000372049_00349_22948_0137.N1	21-JUL-2006 06:14:27	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	22948	No
76	GOM_NL__2PRFIN20060721_061756_000000362049_00349_22948_0138.N1	21-JUL-2006 06:17:56	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22948	No
77	GOM_NL__2PRFIN20060721_062210_000000372049_00349_22948_0139.N1	21-JUL-2006 06:22:10	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	22948	No
78	GOM_NL__2PRFIN20060721_062527_000000352049_00349_22948_0140.N1	21-JUL-2006 06:25:27	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	22948	No
79	GOM_NL__2PRFIN20060721_063759_000000382049_00349_22948_0141.N1	21-JUL-2006 06:37:59	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	22948	No
80	GOM_NL__2PRFIN20060721_064151_000000412049_00349_22948_0142.N1	21-JUL-2006 06:41:51	Bright	40.500	114	3lot Aur	2.6930	4600.0	81	22948	No
81	GOM_NL__2PRFIN20060721_064702_000000562049_00349_22948_0143.N1	21-JUL-2006 06:47:02	Twilight	56.000	13	87Alp Tau	0.86700	3800.0	112	22948	No
82	GOM_NL__2PRFIN20060721_064910_000000372049_00349_22948_0144.N1	21-JUL-2006 06:49:10	Dark	37.000	27	24Gam Ori	1.6360	26000.	74	22948	No
83	GOM_NL__2PRFIN20060721_065106_000000362049_00349_22948_0145.N1	21-JUL-2006 06:51:06	Dark	35.500	30	46Eps Ori	1.6940	30000.	71	22948	No
84	GOM_NL__2PRFIN20060721_065321_000000402049_00349_22948_0146.N1	21-JUL-2006 06:53:21	Dark	39.500	7	19Bet Ori	0.10000	14000.	79	22948	No
85	GOM_NL__2PRFIN20060721_065634_000000412049_00349_22948_0147.N1	21-JUL-2006 06:56:34	Dark	41.000	139	9Bet Lep	2.8330	5600.0	82	22948	No
86	GOM_NL__2PRFIN20060721_071203_000000532049_00350_22949_0148.N1	21-JUL-2006 07:12:03	Dark	53.000	9	Alp Eri	0.45300	24000.	106	22949	No
87	GOM_NL__2PRFIN20060721_071507_000000372049_00350_22949_0149.N1	21-JUL-2006 07:15:07	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22949	No
88	GOM_NL__2PRFIN20060721_071925_000000422049_00350_22949_0150.N1	21-JUL-2006 07:19:25	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	22949	No
89	GOM_NL__2PRFIN20060721_072305_000000372049_00350_22949_0151.N1	21-JUL-2006 07:23:05	Straylight	37.000	45	Alp Pav	1.9400	26000.	74	22949	No
90	GOM_NL__2PRFIN20060721_073056_000000402049_00350_22949_0152.N1	21-JUL-2006 07:30:56	Bright	40.000	38	20Eps Sgr	1.8360	11000.	80	22949	No
91	GOM_NL__2PRFIN20060721_073250_000000382049_00350_22949_0153.N1	21-JUL-2006 07:32:50	Bright	37.500	57	34Sig Sgr	2.0660	26000.	75	22949	No
92	GOM_NL__2PRFIN20060721_073411_000000372049_00350_22949_0154.N1	21-JUL-2006 07:34:11	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	22949	No
93	GOM_NL__2PRFIN20060721_074428_000000382049_00350_22949_0155.N1	21-JUL-2006 07:44:28	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	22949	No
94	GOM_NL__2PRFIN20060721_075132_000000402049_00350_22949_0156.N1	21-JUL-2006 07:51:32	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	22949	No
95	GOM_NL__2PRFIN20060721_075503_000000382049_00350_22949_0157.N1	21-JUL-2006 07:55:03	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	22949	No
96	GOM_NL__2PRFIN20060721_075833_000000372049_00350_22949_0158.N1	21-JUL-2006 07:58:33	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	22949	No
97	GOM_NL__2PRFIN20060721_080247_000000362049_00350_22949_0159.N1	21-JUL-2006 08:02:47	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	22949	No
98	GOM_NL__2PRFIN20060721_080603_000000342049_00350_22949_0160.N1	21-JUL-2006 08:06:03	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	22949	No
99	GOM_NL__2PRFIN20060721_081834_000000382049_00350_22949_0161.N1	21-JUL-2006 08:18:34	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	22949	No
100	GOM_NL__2PRFIN20060721_082227_000000392049_00350_22949_0162.N1	21-JUL-2006 08:22:27	Bright	39.000	114	3lot Aur	2.6930	4600.0	78	22949	No
101	GOM_NL__2PRFIN20060721_082739_000000412049_00350_22949_0163.N1	21-JUL-2006 08:27:39	Twilight	41.000	13	87Alp Tau	0.86700	3800.0	82	22949	No

102	GOM_NL__2PRFIN20060721_082946_000000362049_00350_22949_0164.N1	21-JUL-2006 08:29:46	Dark	36.000	27	24Gam Ori	1.6360	26000.	72	22949	No
103	GOM_NL__2PRFIN20060721_083142_000000362049_00350_22949_0165.N1	21-JUL-2006 08:31:42	Dark	36.000	30	46Eps Ori	1.6940	30000.	72	22949	No
104	GOM_NL__2PRFIN20060721_083357_000000452049_00350_22949_0166.N1	21-JUL-2006 08:33:57	Dark	44.500	7	19Bet Ori	0.10000	14000.	89	22949	No
105	GOM_NL__2PRFIN20060721_083711_000000402049_00350_22949_0167.N1	21-JUL-2006 08:37:11	Dark	40.000	139	9Bet Lep	2.8330	5600.0	80	22949	No
106	GOM_NL__2PRFIN20060721_085239_000000412049_00351_22950_0148.N1	21-JUL-2006 08:52:39	Dark	40.500	9	Alp Eri	0.45300	24000.	81	22950	No
107	GOM_NL__2PRFIN20060721_085543_000000372049_00351_22950_0149.N1	21-JUL-2006 08:55:43	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22950	No
108	GOM_NL__2PRFIN20060721_090001_000000412049_00351_22950_0150.N1	21-JUL-2006 09:00:01	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	22950	No
109	GOM_NL__2PRFIN20060721_090341_000000402049_00351_22950_0151.N1	21-JUL-2006 09:03:41	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	22950	No
110	GOM_NL__2PRFIN20060721_091132_000000402049_00351_22950_0152.N1	21-JUL-2006 09:11:32	Bright	39.500	38	20Eps Sgr	1.8360	11000.	79	22950	No
111	GOM_NL__2PRFIN20060721_091326_000000392049_00351_22950_0153.N1	21-JUL-2006 09:13:26	Bright	38.500	57	34Sig Sgr	2.0660	26000.	77	22950	No
112	GOM_NL__2PRFIN20060721_091447_000000382049_00351_22950_0154.N1	21-JUL-2006 09:14:47	Bright	38.000	155	41Pi Sgr	2.9000	6600.0	76	22950	No
113	GOM_NL__2PRFIN20060721_092504_000000372049_00351_22950_0155.N1	21-JUL-2006 09:25:04	Bright	36.500	168	17Zet Aql	2.9860	11000.	73	22950	No
114	GOM_NL__2PRFIN20060721_093208_000000402049_00351_22950_0156.N1	21-JUL-2006 09:32:08	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	22950	No
115	GOM_NL__2PRFIN20060721_093539_000000392049_00351_22950_0157.N1	21-JUL-2006 09:35:39	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	22950	No
116	GOM_NL__2PRFIN20060721_093909_000000352049_00351_22950_0158.N1	21-JUL-2006 09:39:09	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	22950	No
117	GOM_NL__2PRFIN20060721_094323_000000342049_00351_22950_0159.N1	21-JUL-2006 09:43:23	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	22950	No
118	GOM_NL__2PRFIN20060721_094639_000000362049_00351_22950_0160.N1	21-JUL-2006 09:46:39	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	22950	No
119	GOM_NL__2PRFIN20060721_095911_000000372049_00351_22950_0161.N1	21-JUL-2006 09:59:11	Bright	36.500	6	13Alp Aur	0.080000	3400.0	73	22950	No
120	GOM_NL__2PRFIN20060721_100303_000000392049_00351_22950_0162.N1	21-JUL-2006 10:03:03	Bright	38.500	114	3lot Aur	2.6930	4600.0	77	22950	No
121	GOM_NL__2PRFIN20060721_100815_000000422049_00351_22950_0163.N1	21-JUL-2006 10:08:15	Twilight	42.000	13	87Alp Tau	0.86700	3800.0	84	22950	No
122	GOM_NL__2PRFIN20060721_101022_000000362049_00351_22950_0164.N1	21-JUL-2006 10:10:22	Dark	36.000	27	24Gam Ori	1.6360	26000.	72	22950	No
123	GOM_NL__2PRFIN20060721_101218_000000372049_00351_22950_0165.N1	21-JUL-2006 10:12:18	Dark	36.500	30	46Eps Ori	1.6940	30000.	73	22950	No
124	GOM_NL__2PRFIN20060721_101433_000000492049_00351_22950_0166.N1	21-JUL-2006 10:14:33	Dark	48.500	7	19Bet Ori	0.10000	14000.	97	22950	No
125	GOM_NL__2PRFIN20060721_101655_000000402049_00351_22950_0167.N1	21-JUL-2006 10:16:55	Dark	40.000	101	11Alp Lep	2.5820	7000.0	80	22950	No
126	GOM_NL__2PRFIN20060721_103316_000000422049_00352_22951_0148.N1	21-JUL-2006 10:33:16	Dark	42.000	9	Alp Eri	0.45300	24000.	84	22951	No
127	GOM_NL__2PRFIN20060721_103619_000000372049_00352_22951_0149.N1	21-JUL-2006 10:36:19	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22951	No
128	GOM_NL__2PRFIN20060721_104038_000000412049_00352_22951_0150.N1	21-JUL-2006 10:40:38	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	22951	No
129	GOM_NL__2PRFIN20060721_104417_000000412049_00352_22951_0151.N1	21-JUL-2006 10:44:17	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	22951	No
130	GOM_NL__2PRFIN20060721_105208_000000422049_00352_22951_0152.N1	21-JUL-2006 10:52:08	Bright	41.500	38	20Eps Sgr	1.8360	11000.	83	22951	No
131	GOM_NL__2PRFIN20060721_105402_000000392049_00352_22951_0153.N1	21-JUL-2006 10:54:02	Bright	38.500	57	34Sig Sgr	2.0660	26000.	77	22951	No
132	GOM_NL__2PRFIN20060721_105523_000000382049_00352_22951_0154.N1	21-JUL-2006 10:55:23	Bright	38.000	155	41Pi Sgr	2.9000	6600.0	76	22951	No
133	GOM_NL__2PRFIN20060721_110540_000000372049_00352_22951_0155.N1	21-JUL-2006 11:05:40	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	22951	No
134	GOM_NL__2PRFIN20060721_111244_000000402049_00352_22951_0156.N1	21-JUL-2006 11:12:44	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	22951	No
135	GOM_NL__2PRFIN20060721_111615_000000372049_00352_22951_0157.N1	21-JUL-2006 11:16:15	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	22951	No
136	GOM_NL__2PRFIN20060721_111945_000000362049_00352_22951_0158.N1	21-JUL-2006 11:19:45	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22951	No
137	GOM_NL__2PRFIN20060721_112359_000000332049_00352_22951_0159.N1	21-JUL-2006 11:23:59	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	22951	No
138	GOM_NL__2PRFIN20060721_112715_000000362049_00352_22951_0160.N1	21-JUL-2006 11:27:15	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	22951	No
139	GOM_NL__2PRFIN20060721_113946_000000382049_00352_22951_0161.N1	21-JUL-2006 11:39:46	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	22951	No
140	GOM_NL__2PRFIN20060721_114339_000000392049_00352_22951_0162.N1	21-JUL-2006 11:43:39	Bright	39.000	114	3lot Aur	2.6930	4600.0	78	22951	No
141	GOM_NL__2PRFIN20060721_114851_000000492049_00352_22951_0163.N1	21-JUL-2006 11:48:51	Twilight	49.000	13	87Alp Tau	0.86700	3800.0	98	22951	No
142	GOM_NL__2PRFIN20060721_115058_000000372049_00352_22951_0164.N1	21-JUL-2006 11:50:58	Dark	36.500	27	24Gam Ori	1.6360	26000.	73	22951	No
143	GOM_NL__2PRFIN20060721_115255_000000382049_00352_22951_0165.N1	21-JUL-2006 11:52:55	Dark	37.500	30	46Eps Ori	1.6940	30000.	75	22951	No
144	GOM_NL__2PRFIN20060721_115510_000000482049_00352_22951_0166.N1	21-JUL-2006 11:55:10	Dark	47.500	7	19Bet Ori	0.10000	14000.	95	22951	No
145	GOM_NL__2PRFIN20060721_115731_000000392049_00352_22951_0167.N1	21-JUL-2006 11:57:31	Dark	39.000	101	11Alp Lep	2.5820	7000.0	78	22951	No
146	GOM_NL__2PRFIN20060721_121352_000000412049_00353_22952_0148.N1	21-JUL-2006 12:13:52	Dark	41.000	9	Alp Eri	0.45300	24000.	82	22952	No
147	GOM_NL__2PRFIN20060721_121655_000000382049_00353_22952_0149.N1	21-JUL-2006 12:16:55	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	22952	No
148	GOM_NL__2PRFIN20060721_122114_000000422049_00353_22952_0150.N1	21-JUL-2006 12:21:14	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	22952	No
149	GOM_NL__2PRFIN20060721_122454_000000402049_00353_22952_0151.N1	21-JUL-2006 12:24:54	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	22952	No
150	GOM_NL__2PRFIN20060721_123333_000000422049_00353_22952_0152.N1	21-JUL-2006 12:33:33	Bright	42.000	103	38Zet Sgr	2.6000	9700.0	84	22952	No
151	GOM_NL__2PRFIN20060721_123559_000000382049_00353_22952_0153.N1	21-JUL-2006 12:35:59	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	22952	No
152	GOM_NL__2PRFIN20060721_124616_000000182049_00353_22952_0154.N1	21-JUL-2006 12:46:16	Tw_and_stray	18.000	168	17Zet Aql	2.9860	11000.	36	22952	No
153	GOM_NL__2PRFIN20060721_125319_000000352049_00353_22952_0155.N1	21-JUL-2006 12:53:19	Bright	34.500	5	3Alp Lyr	0.033000	11000.	69	22952	No
154	GOM_NL__2PRFIN20060721_125650_000000352049_00353_22952_0156.N1	21-JUL-2006 12:56:50	Bright	35.000	69	33Gam Dra	2.2310	3800.0	70	22952	No
155	GOM_NL__2PRFIN20060721_130021_000000362049_00353_22952_0157.N1	21-JUL-2006 13:00:21	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22952	No
156	GOM_NL__2PRFIN20060721_130435_000000372049_00353_22952_0158.N1	21-JUL-2006 13:04:35	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	22952	No
157	GOM_NL__2PRFIN20060721_130751_000000362049_00353_22952_0159.N1	21-JUL-2006 13:07:51	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22952	No
158	GOM_NL__2PRFIN20060721_132022_000000532049_00353_22952_0160.N1	21-JUL-2006 13:20:22	Bright	53.000	6	13Alp Aur	0.080000	3400.0	106	22952	No
159	GOM_NL__2PRFIN20060721_132415_000000402049_00353_22952_0161.N1	21-JUL-2006 13:24:15	Bright	39.500	114	3lot Aur	2.6930	4600.0	79	22952	No
160	GOM_NL__2PRFIN20060721_132927_000000502049_00353_22952_0162.N1	21-JUL-2006 13:29:27	Twilight	50.000	13	87Alp Tau	0.86700	3800.0	100	22952	No



161	GOM_NL__2PRFIN20060721_133135_000000412049_00353_22952_0163.N1	21-JUL-2006 13:31:35	Dark	40.500	27	24Gam Ori	1.6360	26000.	81	22952	No
162	GOM_NL__2PRFIN20060721_133331_000000402049_00353_22952_0164.N1	21-JUL-2006 13:33:31	Dark	40.000	30	46Eps Ori	1.6940	30000.	80	22952	No
163	GOM_NL__2PRFIN20060721_133546_000000402049_00353_22952_0165.N1	21-JUL-2006 13:35:46	Dark	39.500	7	19Bet Ori	0.10000	14000.	79	22952	No
164	GOM_NL__2PRFIN20060721_133807_000000392049_00353_22952_0166.N1	21-JUL-2006 13:38:07	Dark	38.500	101	11Alp Lep	2.5820	7000.0	77	22952	No
165	GOM_NL__2PRFIN20060721_135429_000000492049_00354_22953_0148.N1	21-JUL-2006 13:54:29	Dark	49.000	9	Alp Eri	0.45300	24000.	98	22953	No
166	GOM_NL__2PRFIN20060721_135731_000000362049_00354_22953_0149.N1	21-JUL-2006 13:57:31	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	22953	No
167	GOM_NL__2PRFIN20060721_140150_000000422049_00354_22953_0150.N1	21-JUL-2006 14:01:50	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	22953	No
168	GOM_NL__2PRFIN20060721_140530_000000402049_00354_22953_0151.N1	21-JUL-2006 14:05:30	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	22953	No
169	GOM_NL__2PRFIN20060721_141409_000000532049_00354_22953_0152.N1	21-JUL-2006 14:14:09	Bright	52.500	103	38Zet Sgr	2.6000	9700.0	105	22953	No
170	GOM_NL__2PRFIN20060721_141635_000000392049_00354_22953_0153.N1	21-JUL-2006 14:16:35	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	22953	No
171	GOM_NL__2PRFIN20060721_142651_000000382049_00354_22953_0154.N1	21-JUL-2006 14:26:51	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	22953	No
172	GOM_NL__2PRFIN20060721_143355_000000372049_00354_22953_0155.N1	21-JUL-2006 14:33:55	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	22953	No
173	GOM_NL__2PRFIN20060721_143726_000000382049_00354_22953_0156.N1	21-JUL-2006 14:37:26	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	22953	No
174	GOM_NL__2PRFIN20060721_144057_000000362049_00354_22953_0157.N1	21-JUL-2006 14:40:57	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22953	No
175	GOM_NL__2PRFIN20060721_144511_000000362049_00354_22953_0158.N1	21-JUL-2006 14:45:11	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	22953	No
176	GOM_NL__2PRFIN20060721_144827_000000342049_00354_22953_0159.N1	21-JUL-2006 14:48:27	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	22953	No
177	GOM_NL__2PRFIN20060721_150058_000000392049_00354_22953_0160.N1	21-JUL-2006 15:00:58	Bright	39.000	6	13Alp Aur	0.080000	3400.0	78	22953	No
178	GOM_NL__2PRFIN20060721_150451_000000502049_00354_22953_0161.N1	21-JUL-2006 15:04:51	Bright	49.500	114	3lot Aur	2.6930	4600.0	99	22953	No
179	GOM_NL__2PRFIN20060721_151004_000000502049_00354_22953_0162.N1	21-JUL-2006 15:10:04	Twilight	49.500	13	87Alp Tau	0.86700	3800.0	99	22953	No
180	GOM_NL__2PRFIN20060721_151211_000000392049_00354_22953_0163.N1	21-JUL-2006 15:12:11	Dark	39.000	27	24Gam Ori	1.6360	26000.	78	22953	No
181	GOM_NL__2PRFIN20060721_151407_000000402049_00354_22953_0164.N1	21-JUL-2006 15:14:07	Dark	40.000	30	46Eps Ori	1.6940	30000.	80	22953	No
182	GOM_NL__2PRFIN20060721_151622_000000382049_00354_22953_0165.N1	21-JUL-2006 15:16:22	Dark	37.500	7	19Bet Ori	0.10000	14000.	75	22953	No
183	GOM_NL__2PRFIN20060721_151844_000000362049_00354_22953_0166.N1	21-JUL-2006 15:18:44	Dark	36.000	101	11Alp Lep	2.5820	7000.0	72	22953	No
184	GOM_NL__2PRFIN20060721_153505_000000432049_00355_22954_0148.N1	21-JUL-2006 15:35:05	Dark	42.500	9	Alp Eri	0.45300	24000.	85	22954	No
185	GOM_NL__2PRFIN20060721_153807_000000382049_00355_22954_0149.N1	21-JUL-2006 15:38:07	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	22954	No
186	GOM_NL__2PRFIN20060721_154227_000000422049_00355_22954_0150.N1	21-JUL-2006 15:42:27	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	22954	No
187	GOM_NL__2PRFIN20060721_154606_000000382049_00355_22954_0151.N1	21-JUL-2006 15:46:06	Straylight	37.500	45	Alp Pav	1.9400	26000.	75	22954	No
188	GOM_NL__2PRFIN20060721_155445_000000482049_00355_22954_0152.N1	21-JUL-2006 15:54:45	Bright	48.000	103	38Zet Sgr	2.6000	9700.0	96	22954	No
189	GOM_NL__2PRFIN20060721_155711_000000372049_00355_22954_0153.N1	21-JUL-2006 15:57:11	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	22954	No
190	GOM_NL__2PRFIN20060721_160727_000000382049_00355_22954_0154.N1	21-JUL-2006 16:07:27	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	22954	No
191	GOM_NL__2PRFIN20060721_161431_000000392049_00355_22954_0155.N1	21-JUL-2006 16:14:31	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	22954	No
192	GOM_NL__2PRFIN20060721_161802_000000382049_00355_22954_0156.N1	21-JUL-2006 16:18:02	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	22954	No
193	GOM_NL__2PRFIN20060721_162547_000000332049_00355_22954_0157.N1	21-JUL-2006 16:25:47	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	22954	No
194	GOM_NL__2PRFIN20060721_162903_000000362049_00355_22954_0158.N1	21-JUL-2006 16:29:03	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22954	No
195	GOM_NL__2PRFIN20060721_164134_000000372049_00355_22954_0159.N1	21-JUL-2006 16:41:34	Bright	37.000	6	13Alp Aur	0.080000	3400.0	74	22954	No
196	GOM_NL__2PRFIN20060721_164527_000000382049_00355_22954_0160.N1	21-JUL-2006 16:45:27	Bright	37.500	114	3lot Aur	2.6930	4600.0	75	22954	No
197	GOM_NL__2PRFIN20060721_165040_000000532049_00355_22954_0161.N1	21-JUL-2006 16:50:40	Twilight	52.500	13	87Alp Tau	0.86700	3800.0	105	22954	No
198	GOM_NL__2PRFIN20060721_165247_000000402049_00355_22954_0162.N1	21-JUL-2006 16:52:47	Dark	39.500	27	24Gam Ori	1.6360	26000.	79	22954	No
199	GOM_NL__2PRFIN20060721_165443_000000352049_00355_22954_0163.N1	21-JUL-2006 16:54:43	Dark	35.000	30	46Eps Ori	1.6940	30000.	70	22954	No
200	GOM_NL__2PRFIN20060721_165658_000000362049_00355_22954_0164.N1	21-JUL-2006 16:56:58	Dark	35.500	7	19Bet Ori	0.10000	14000.	71	22954	No
201	GOM_NL__2PRFIN20060721_165920_000000392049_00355_22954_0165.N1	21-JUL-2006 16:59:20	Dark	38.500	101	11Alp Lep	2.5820	7000.0	77	22954	No
202	GOM_NL__2PRFIN20060721_171542_000000452049_00356_22955_0148.N1	21-JUL-2006 17:15:42	Dark	44.500	9	Alp Eri	0.45300	24000.	89	22955	No
203	GOM_NL__2PRFIN20060721_171843_000000372049_00356_22955_0149.N1	21-JUL-2006 17:18:43	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22955	No
204	GOM_NL__2PRFIN20060721_172303_000000432049_00356_22955_0150.N1	21-JUL-2006 17:23:03	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	22955	No
205	GOM_NL__2PRFIN20060721_172642_000000422049_00356_22955_0151.N1	21-JUL-2006 17:26:42	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	22955	No
206	GOM_NL__2PRFIN20060721_173521_000000472049_00356_22955_0152.N1	21-JUL-2006 17:35:21	Bright	47.000	103	38Zet Sgr	2.6000	9700.0	94	22955	No
207	GOM_NL__2PRFIN20060721_173747_000000382049_00356_22955_0153.N1	21-JUL-2006 17:37:47	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	22955	No
208	GOM_NL__2PRFIN20060721_174803_000000382049_00356_22955_0154.N1	21-JUL-2006 17:48:03	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	22955	No
209	GOM_NL__2PRFIN20060721_175507_000000392049_00356_22955_0155.N1	21-JUL-2006 17:55:07	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	22955	No
210	GOM_NL__2PRFIN20060721_175838_000000382049_00356_22955_0156.N1	21-JUL-2006 17:58:38	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	22955	No
211	GOM_NL__2PRFIN20060721_180624_000000362049_00356_22955_0157.N1	21-JUL-2006 18:06:24	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	22955	No
212	GOM_NL__2PRFIN20060721_180938_000000372049_00356_22955_0158.N1	21-JUL-2006 18:09:38	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	22955	No
213	GOM_NL__2PRFIN20060721_182210_000000382049_00356_22955_0159.N1	21-JUL-2006 18:22:10	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	22955	No
214	GOM_NL__2PRFIN20060721_182603_000000382049_00356_22955_0160.N1	21-JUL-2006 18:26:03	Bright	38.000	114	3lot Aur	2.6930	4600.0	76	22955	No
215	GOM_NL__2PRFIN20060721_183116_000000562049_00356_22955_0161.N1	21-JUL-2006 18:31:16	Twilight	55.500	13	87Alp Tau	0.86700	3800.0	111	22955	No
216	GOM_NL__2PRFIN20060721_183323_000000362049_00356_22955_0162.N1	21-JUL-2006 18:33:23	Dark	36.000	27	24Gam Ori	1.6360	26000.	72	22955	No
217	GOM_NL__2PRFIN20060721_183519_000000352049_00356_22955_0163.N1	21-JUL-2006 18:35:19	Dark	35.000	30	46Eps Ori	1.6940	30000.	70	22955	No
218	GOM_NL__2PRFIN20060721_183735_000000372049_00356_22955_0164.N1	21-JUL-2006 18:37:35	Dark	36.500	7	19Bet Ori	0.10000	14000.	73	22955	No
219	GOM_NL__2PRFIN20060721_183956_000000382049_00356_22955_0165.N1	21-JUL-2006 18:39:56	Dark	37.500	101	11Alp Lep	2.5820	7000.0	75	22955	No



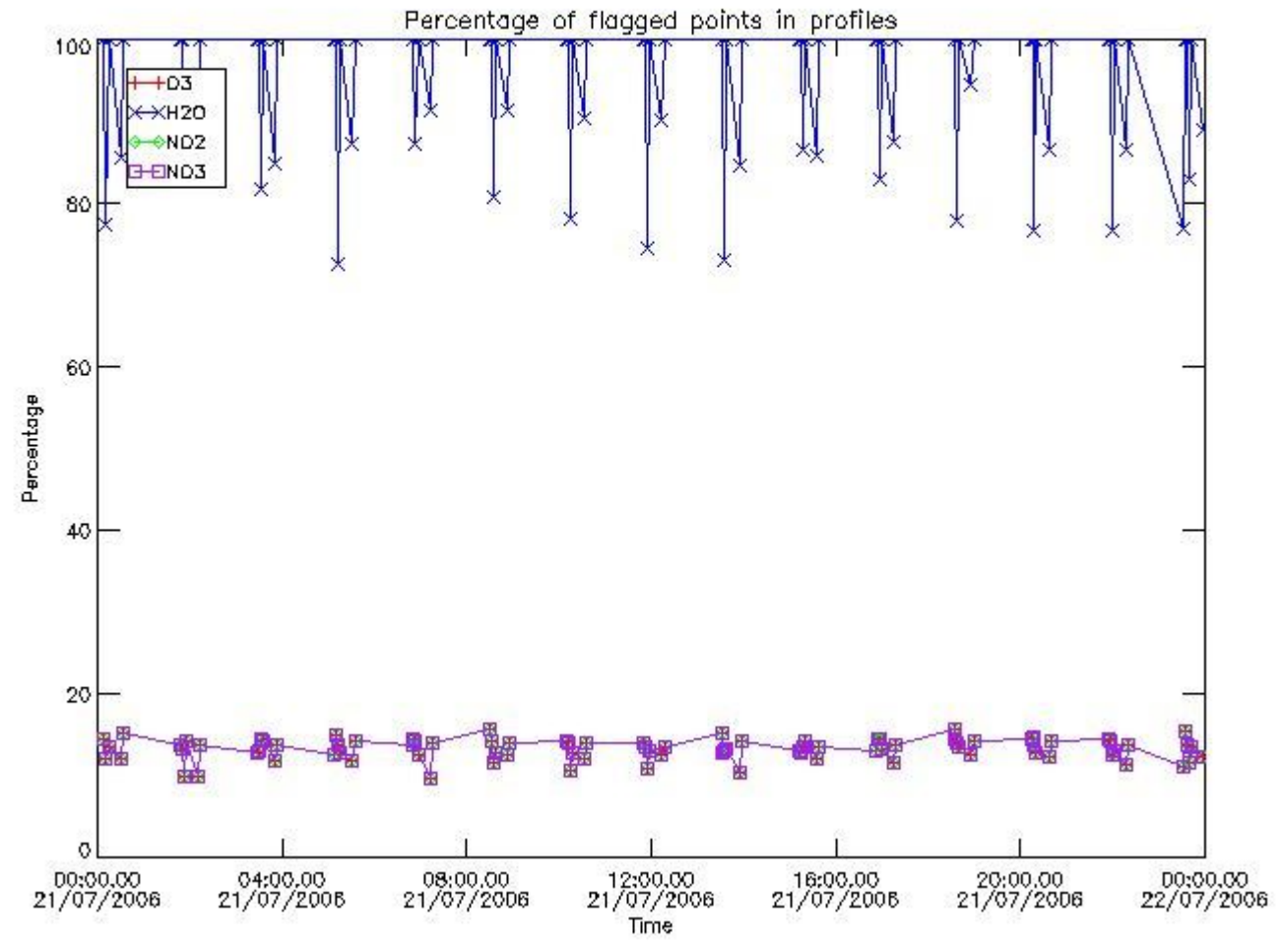
220	GOM_NL__2PRFIN20060721_185619_000000452049_00357_22956_0148.N1	21-JUL-2006 18:56:19	Dark	45.000	9	Alp Eri	0.45300	24000.	90	22956	No
221	GOM_NL__2PRFIN20060721_185920_000000362049_00357_22956_0149.N1	21-JUL-2006 18:59:20	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	22956	No
222	GOM_NL__2PRFIN20060721_190340_000000412049_00357_22956_0150.N1	21-JUL-2006 19:03:40	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	22956	No
223	GOM_NL__2PRFIN20060721_190719_000000382049_00357_22956_0151.N1	21-JUL-2006 19:07:19	Straylight	38.000	45	Alp Pav	1.9400	26000.	76	22956	No
224	GOM_NL__2PRFIN20060721_191557_000000412049_00357_22956_0152.N1	21-JUL-2006 19:15:57	Bright	40.500	103	38Zet Sgr	2.6000	9700.0	81	22956	No
225	GOM_NL__2PRFIN20060721_191823_000000392049_00357_22956_0153.N1	21-JUL-2006 19:18:23	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	22956	No
226	GOM_NL__2PRFIN20060721_192839_000000372049_00357_22956_0154.N1	21-JUL-2006 19:28:39	Bright	36.500	168	17Zet Aql	2.9860	11000.	73	22956	No
227	GOM_NL__2PRFIN20060721_193543_000000392049_00357_22956_0155.N1	21-JUL-2006 19:35:43	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	22956	No
228	GOM_NL__2PRFIN20060721_193914_000000382049_00357_22956_0156.N1	21-JUL-2006 19:39:14	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	22956	No
229	GOM_NL__2PRFIN20060721_194700_000000272049_00357_22956_0157.N1	21-JUL-2006 19:47:00	Bright	27.000	60	7Bet UMi	2.0810	3950.0	54	22956	No
230	GOM_NL__2PRFIN20060721_195015_000000352049_00357_22956_0158.N1	21-JUL-2006 19:50:15	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	22956	No
231	GOM_NL__2PRFIN20060721_200247_000000412049_00357_22956_0159.N1	21-JUL-2006 20:02:47	Bright	40.500	6	13Alp Aur	0.080000	3400.0	81	22956	No
232	GOM_NL__2PRFIN20060721_200639_000000402049_00357_22956_0160.N1	21-JUL-2006 20:06:39	Bright	39.500	114	3lot Aur	2.6930	4600.0	79	22956	No
233	GOM_NL__2PRFIN20060721_201152_000000462049_00357_22956_0161.N1	21-JUL-2006 20:11:52	Twilight	45.500	13	87Alp Tau	0.86700	3800.0	91	22956	No
234	GOM_NL__2PRFIN20060721_201359_000000352049_00357_22956_0162.N1	21-JUL-2006 20:13:59	Dark	35.000	27	24Gam Ori	1.6360	26000.	70	22956	No
235	GOM_NL__2PRFIN20060721_201555_000000352049_00357_22956_0163.N1	21-JUL-2006 20:15:55	Dark	34.500	30	46Eps Ori	1.6940	30000.	69	22956	No
236	GOM_NL__2PRFIN20060721_201811_000000372049_00357_22956_0164.N1	21-JUL-2006 20:18:11	Dark	37.000	7	19Bet Ori	0.10000	14000.	74	22956	No
237	GOM_NL__2PRFIN20060721_202032_000000402049_00357_22956_0165.N1	21-JUL-2006 20:20:32	Dark	40.000	101	11Alp Lep	2.5820	7000.0	80	22956	No
238	GOM_NL__2PRFIN20060721_203655_000000422049_00358_22957_0148.N1	21-JUL-2006 20:36:55	Dark	41.500	9	Alp Eri	0.45300	24000.	83	22957	No
239	GOM_NL__2PRFIN20060721_203956_000000362049_00358_22957_0149.N1	21-JUL-2006 20:39:56	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	22957	No
240	GOM_NL__2PRFIN20060721_204416_000000472049_00358_22957_0150.N1	21-JUL-2006 20:44:16	Straylight	46.500	148	Alp Tuc	2.8780	4100.0	93	22957	No
241	GOM_NL__2PRFIN20060721_204755_000000392049_00358_22957_0151.N1	21-JUL-2006 20:47:55	Straylight	38.500	45	Alp Pav	1.9400	26000.	77	22957	No
242	GOM_NL__2PRFIN20060721_205633_000000472049_00358_22957_0152.N1	21-JUL-2006 20:56:33	Bright	46.500	103	38Zet Sgr	2.6000	9700.0	93	22957	No
243	GOM_NL__2PRFIN20060721_205859_000000382049_00358_22957_0153.N1	21-JUL-2006 20:58:59	Bright	38.000	155	41Pi Sgr	2.9000	6600.0	76	22957	No
244	GOM_NL__2PRFIN20060721_210915_000000372049_00358_22957_0154.N1	21-JUL-2006 21:09:15	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	22957	No
245	GOM_NL__2PRFIN20060721_211619_000000352049_00358_22957_0155.N1	21-JUL-2006 21:16:19	Bright	34.500	5	3Alp Lyr	0.033000	11000.	69	22957	No
246	GOM_NL__2PRFIN20060721_211950_000000382049_00358_22957_0156.N1	21-JUL-2006 21:19:50	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	22957	No
247	GOM_NL__2PRFIN20060721_212736_000000272049_00358_22957_0157.N1	21-JUL-2006 21:27:36	Bright	27.000	60	7Bet UMi	2.0810	3950.0	54	22957	No
248	GOM_NL__2PRFIN20060721_213050_000000362049_00358_22957_0158.N1	21-JUL-2006 21:30:50	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22957	No
249	GOM_NL__2PRFIN20060721_214322_000000402049_00358_22957_0159.N1	21-JUL-2006 21:43:22	Bright	40.000	6	13Alp Aur	0.080000	3400.0	80	22957	No
250	GOM_NL__2PRFIN20060721_214715_000000392049_00358_22957_0160.N1	21-JUL-2006 21:47:15	Bright	38.500	114	3lot Aur	2.6930	4600.0	77	22957	No
251	GOM_NL__2PRFIN20060721_215228_000000512049_00358_22957_0161.N1	21-JUL-2006 21:52:28	Twilight	51.000	13	87Alp Tau	0.86700	3800.0	102	22957	No
252	GOM_NL__2PRFIN20060721_215435_000000352049_00358_22957_0162.N1	21-JUL-2006 21:54:35	Dark	35.000	27	24Gam Ori	1.6360	26000.	70	22957	No
253	GOM_NL__2PRFIN20060721_215631_000000362049_00358_22957_0163.N1	21-JUL-2006 21:56:31	Dark	36.000	30	46Eps Ori	1.6940	30000.	72	22957	No
254	GOM_NL__2PRFIN20060721_215847_000000412049_00358_22957_0164.N1	21-JUL-2006 21:58:47	Dark	41.000	7	19Bet Ori	0.10000	14000.	82	22957	No
255	GOM_NL__2PRFIN20060721_220108_000000392049_00358_22957_0165.N1	21-JUL-2006 22:01:08	Dark	39.000	101	11Alp Lep	2.5820	7000.0	78	22957	No
256	GOM_NL__2PRFIN20060721_221732_000000452049_00359_22958_0148.N1	21-JUL-2006 22:17:32	Dark	45.000	9	Alp Eri	0.45300	24000.	90	22958	No
257	GOM_NL__2PRFIN20060721_222032_000000372049_00359_22958_0149.N1	21-JUL-2006 22:20:32	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22958	No
258	GOM_NL__2PRFIN20060721_222453_000000422049_00359_22958_0150.N1	21-JUL-2006 22:24:53	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	22958	No
259	GOM_NL__2PRFIN20060721_222831_000000402049_00359_22958_0151.N1	21-JUL-2006 22:28:31	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	22958	No
260	GOM_NL__2PRFIN20060721_223710_000000532049_00359_22958_0152.N1	21-JUL-2006 22:37:10	Bright	53.000	103	38Zet Sgr	2.6000	9700.0	106	22958	No
261	GOM_NL__2PRFIN20060721_223935_000000392049_00359_22958_0153.N1	21-JUL-2006 22:39:35	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	22958	No
262	GOM_NL__2PRFIN20060721_224951_000000372049_00359_22958_0154.N1	21-JUL-2006 22:49:51	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	22958	No
263	GOM_NL__2PRFIN20060721_225654_000000352049_00359_22958_0155.N1	21-JUL-2006 22:56:54	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	22958	No
264	GOM_NL__2PRFIN20060721_230026_000000392049_00359_22958_0156.N1	21-JUL-2006 23:00:26	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	22958	No
265	GOM_NL__2PRFIN20060721_231126_000000362049_00359_22958_0157.N1	21-JUL-2006 23:11:26	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22958	No
266	GOM_NL__2PRFIN20060721_232358_000000532049_00359_22958_0158.N1	21-JUL-2006 23:23:58	Bright	53.000	6	13Alp Aur	0.080000	3400.0	106	22958	No
267	GOM_NL__2PRFIN20060721_232751_000000542049_00359_22958_0159.N1	21-JUL-2006 23:27:51	Bright	54.000	114	3lot Aur	2.6930	4600.0	108	22958	No
268	GOM_NL__2PRFIN20060721_233305_000000462049_00359_22958_0160.N1	21-JUL-2006 23:33:05	Dark	46.000	13	87Alp Tau	0.86700	3800.0	92	22958	No
269	GOM_NL__2PRFIN20060721_233512_000000372049_00359_22958_0161.N1	21-JUL-2006 23:35:12	Dark	36.500	27	24Gam Ori	1.6360	26000.	73	22958	No
270	GOM_NL__2PRFIN20060721_233707_000000372049_00359_22958_0162.N1	21-JUL-2006 23:37:07	Dark	37.000	30	46Eps Ori	1.6940	30000.	74	22958	No
271	GOM_NL__2PRFIN20060721_233923_000000442049_00359_22958_0163.N1	21-JUL-2006 23:39:23	Dark	44.000	7	19Bet Ori	0.10000	14000.	88	22958	No
272	GOM_NL__2PRFIN20060721_234144_000000382049_00359_22958_0164.N1	21-JUL-2006 23:41:44	Dark	37.500	101	11Alp Lep	2.5820	7000.0	75	22958	No
273	GOM_NL__2PRFIN20060721_235808_000000422049_00360_22959_0168.N1	21-JUL-2006 23:58:08	Dark	41.500	9	Alp Eri	0.45300	24000.	83	22959	No

### 3. Quality information per product

In this section it is plotted some information contained in the Quality Summary data set of

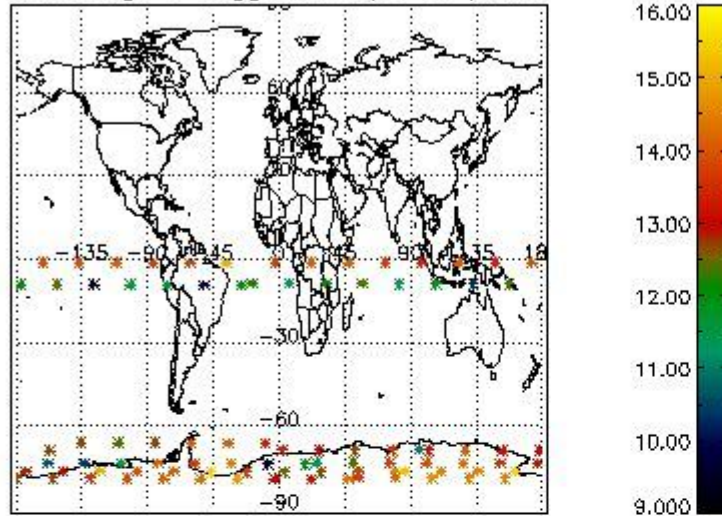
the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

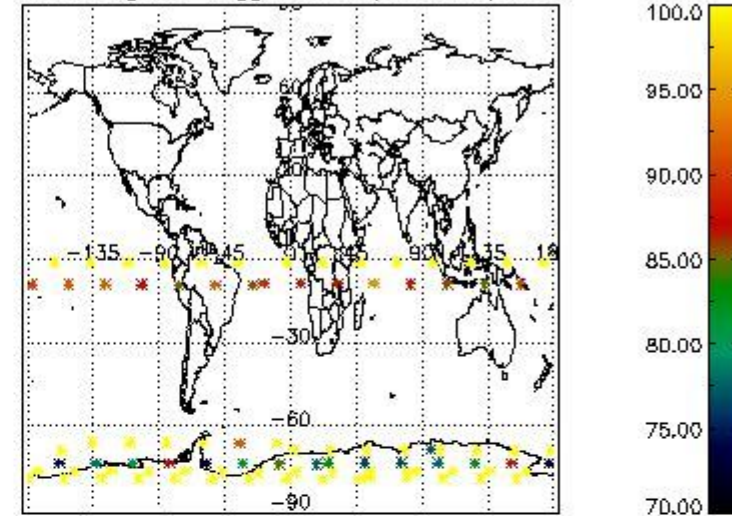


3.2 Plot quality information per product (world map)

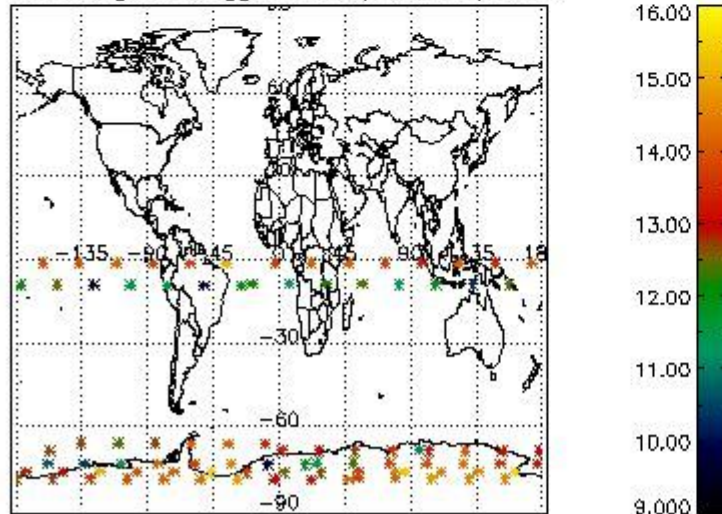
Percentage of flagged data per O3 profile



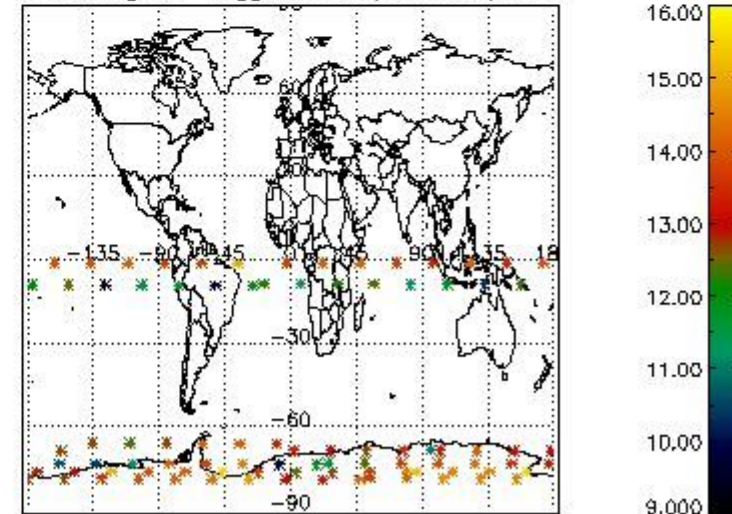
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



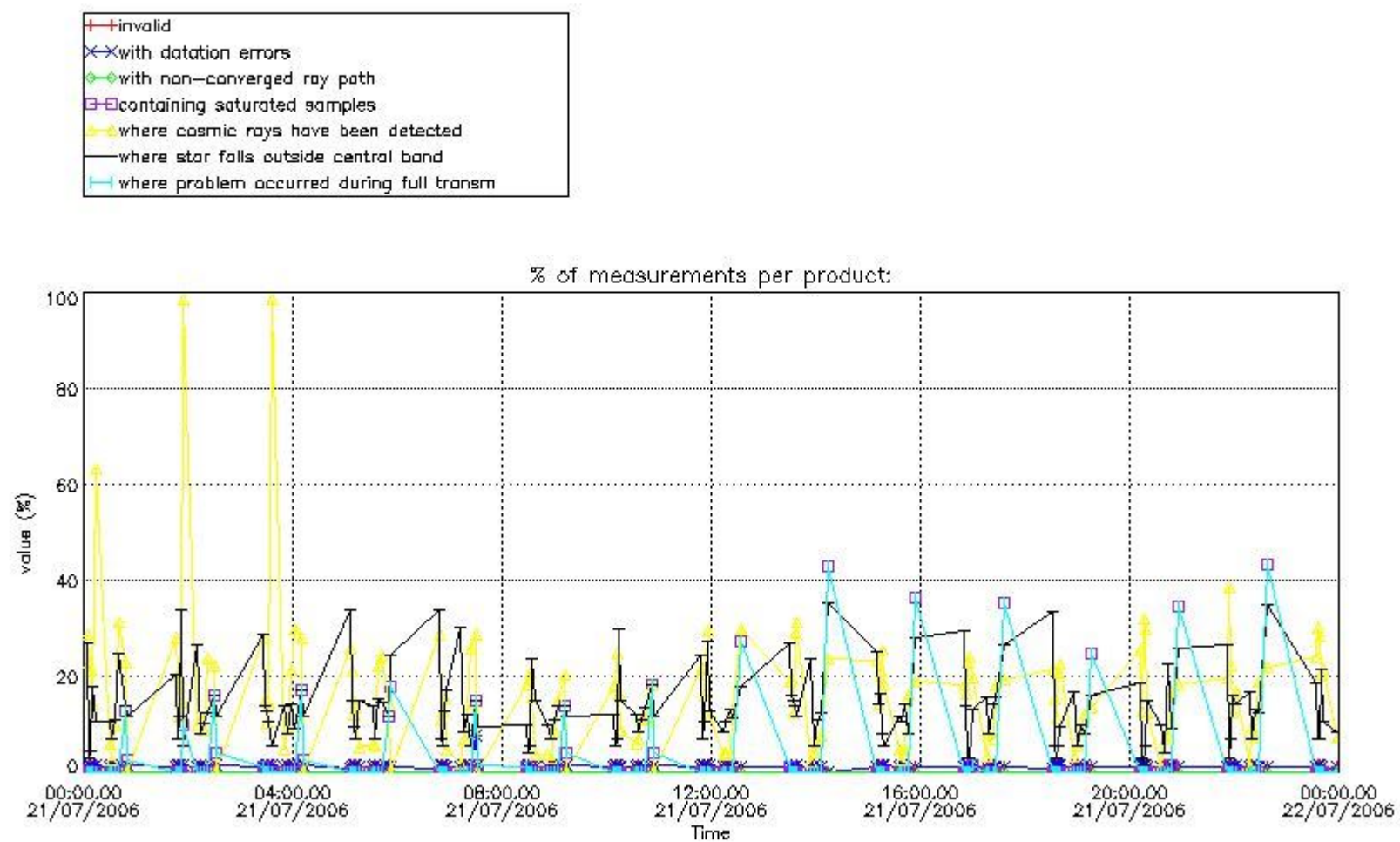
#### 4. Level 1 quality information per product

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

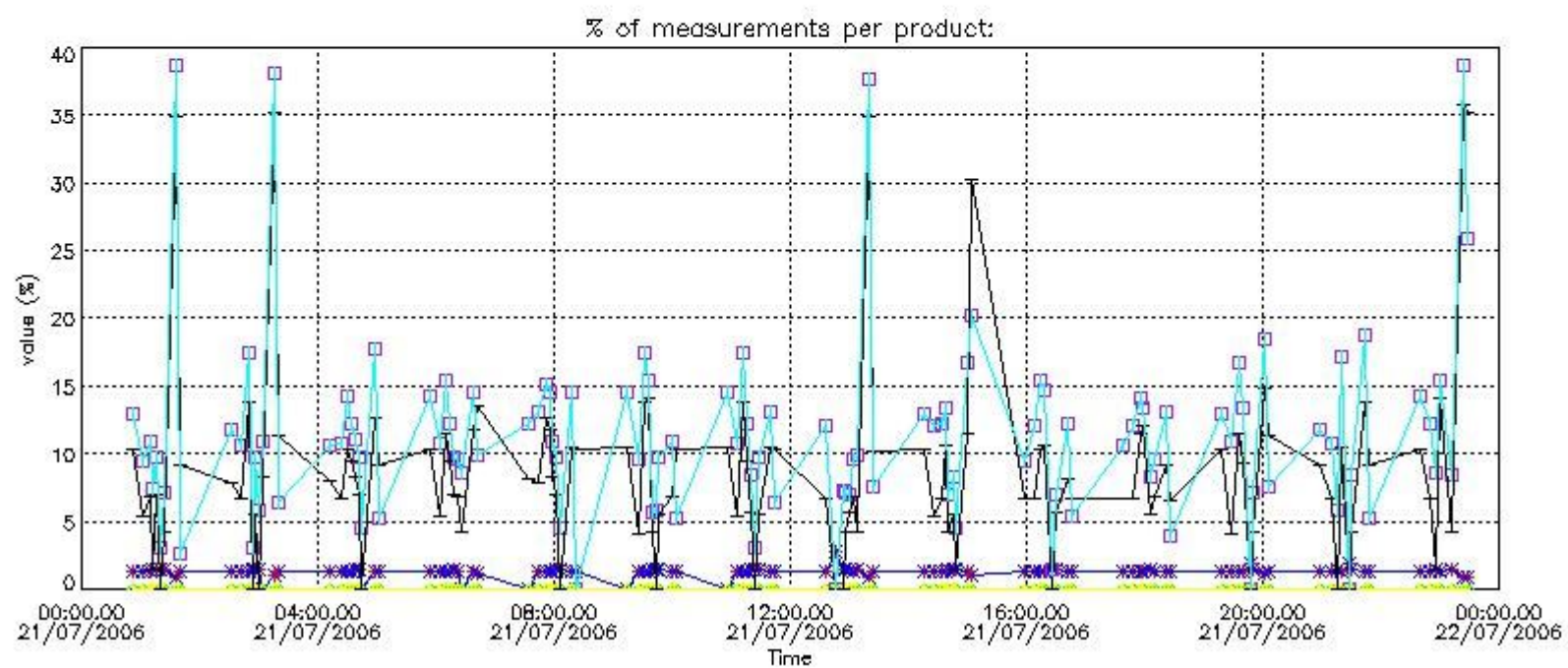
###### 4.1.1 Plot level 1 quality information per product (time dependant): ENVISAT ASCENDING passes





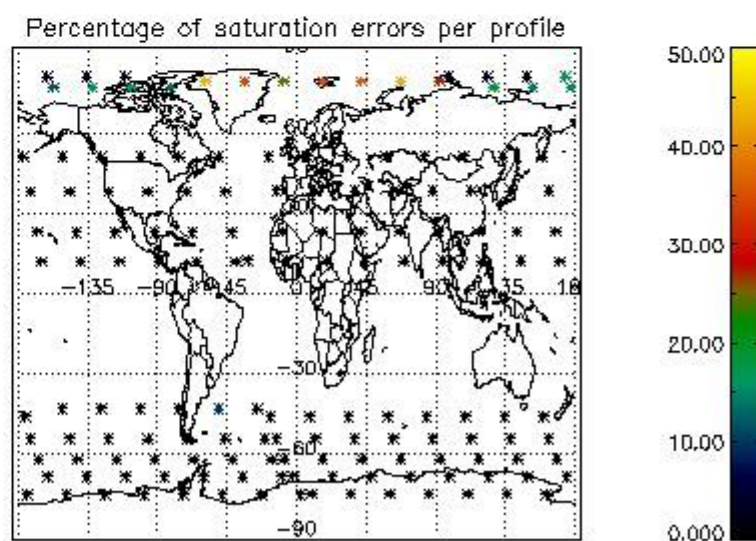
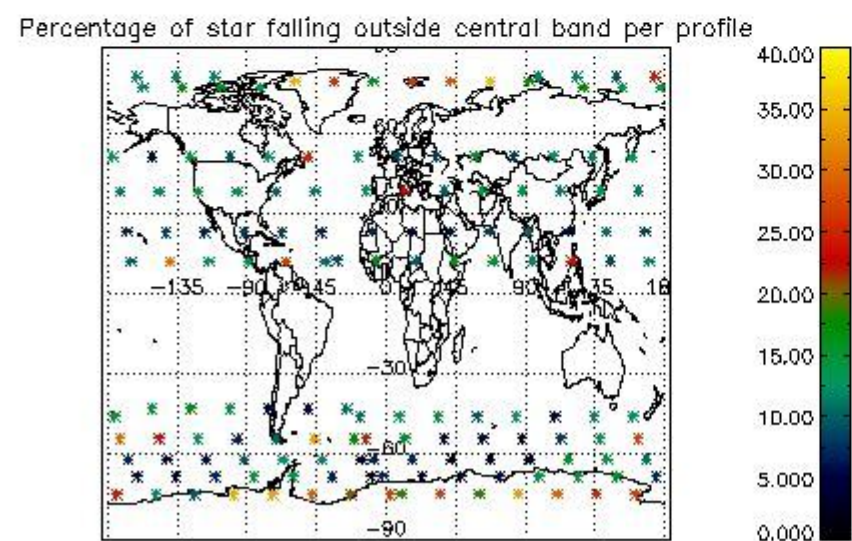
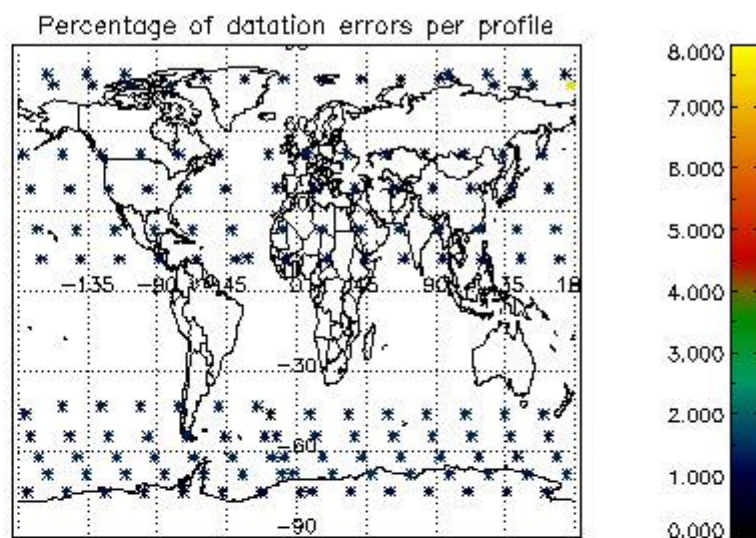
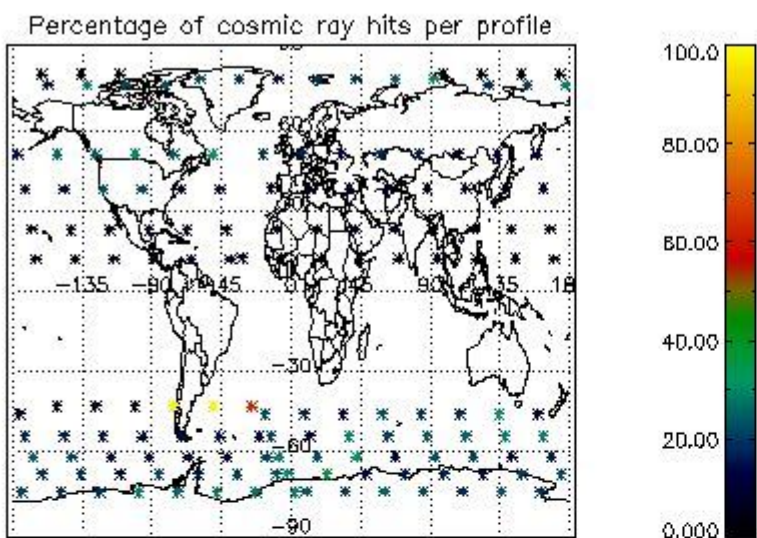
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes





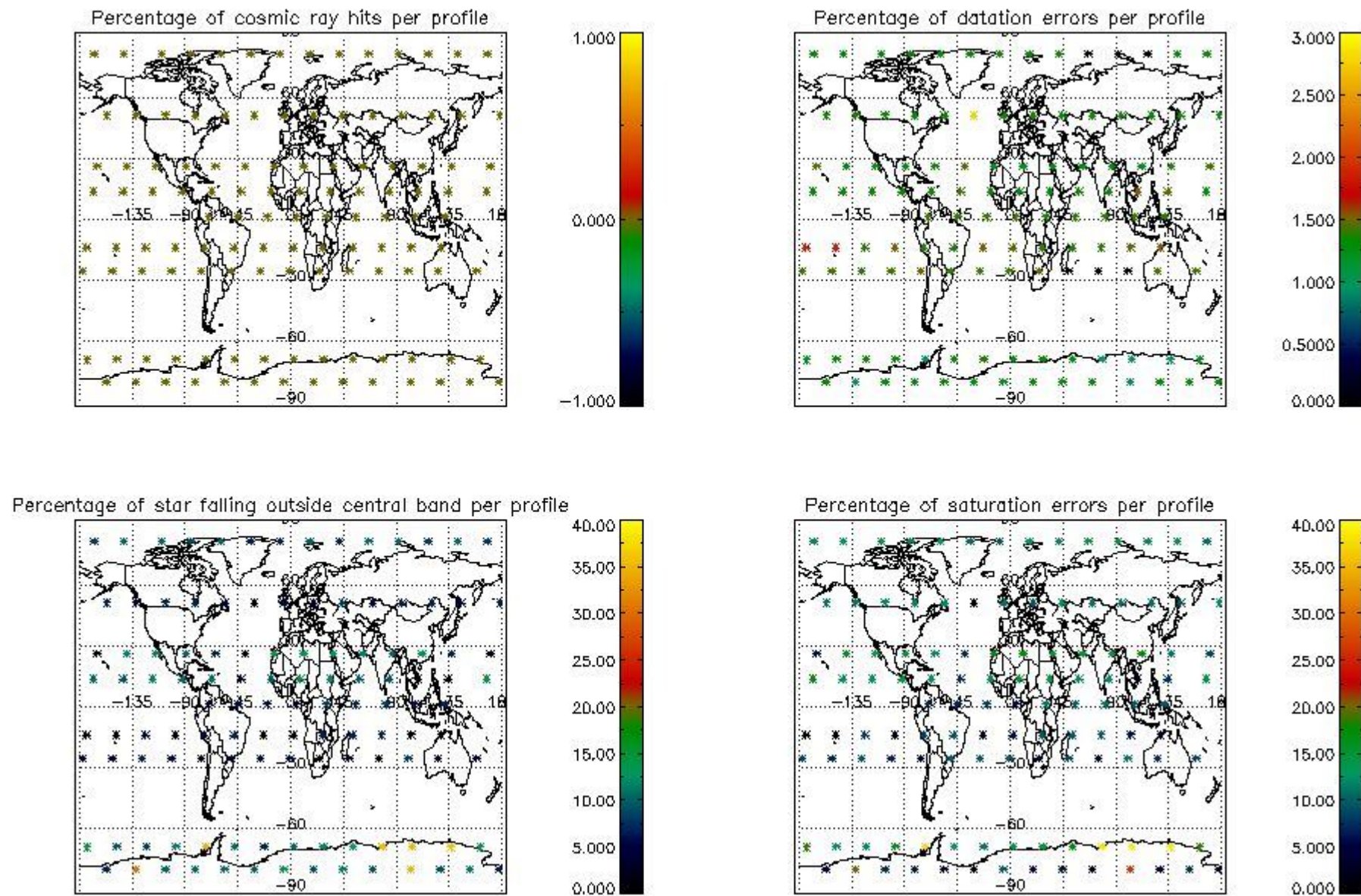
*4.2 Plot quality information per product coming from level 1b processing (world map)*

*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

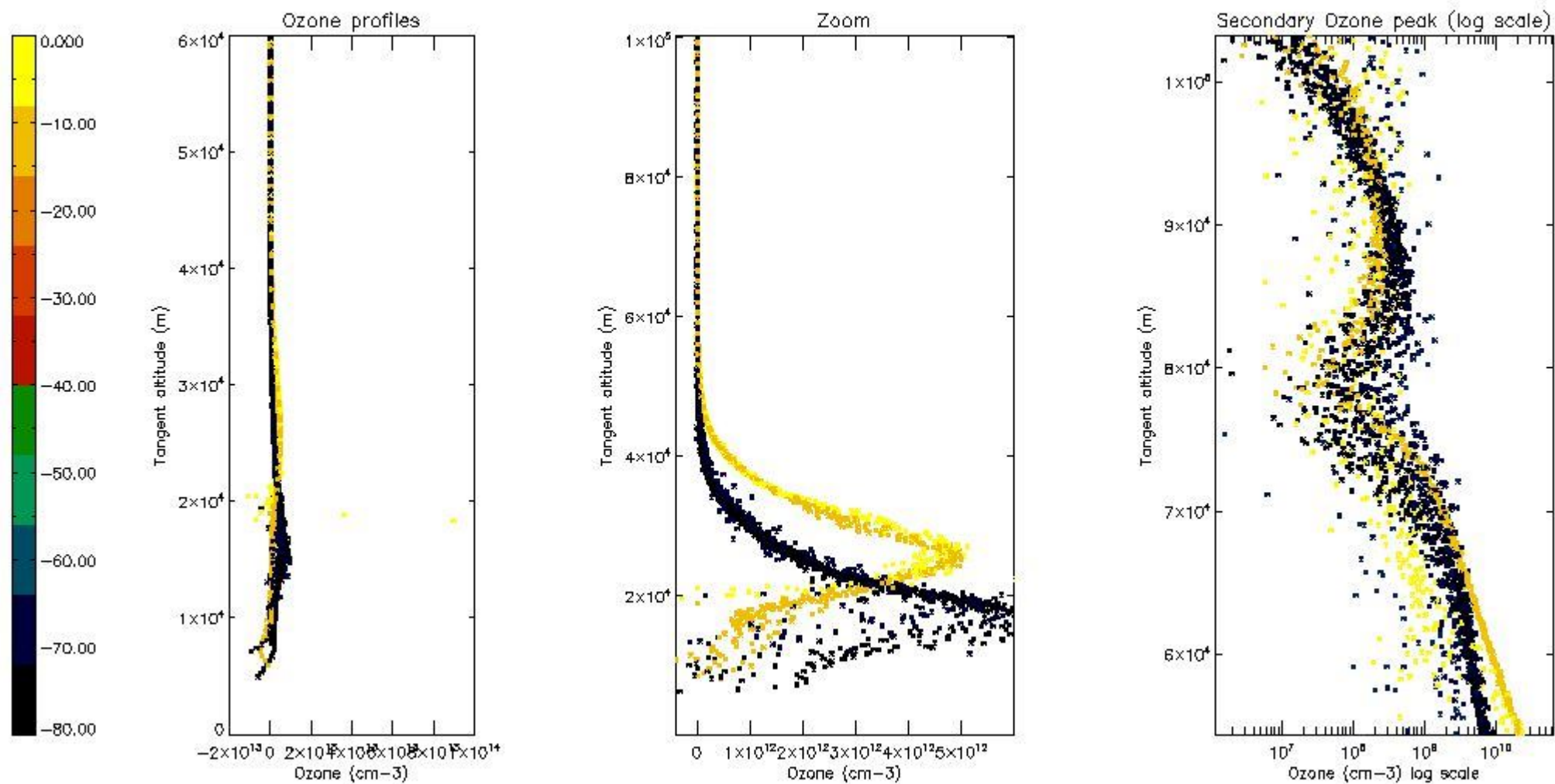
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	34
STD < 20	21

STD < 10	18
STD < 5	13

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

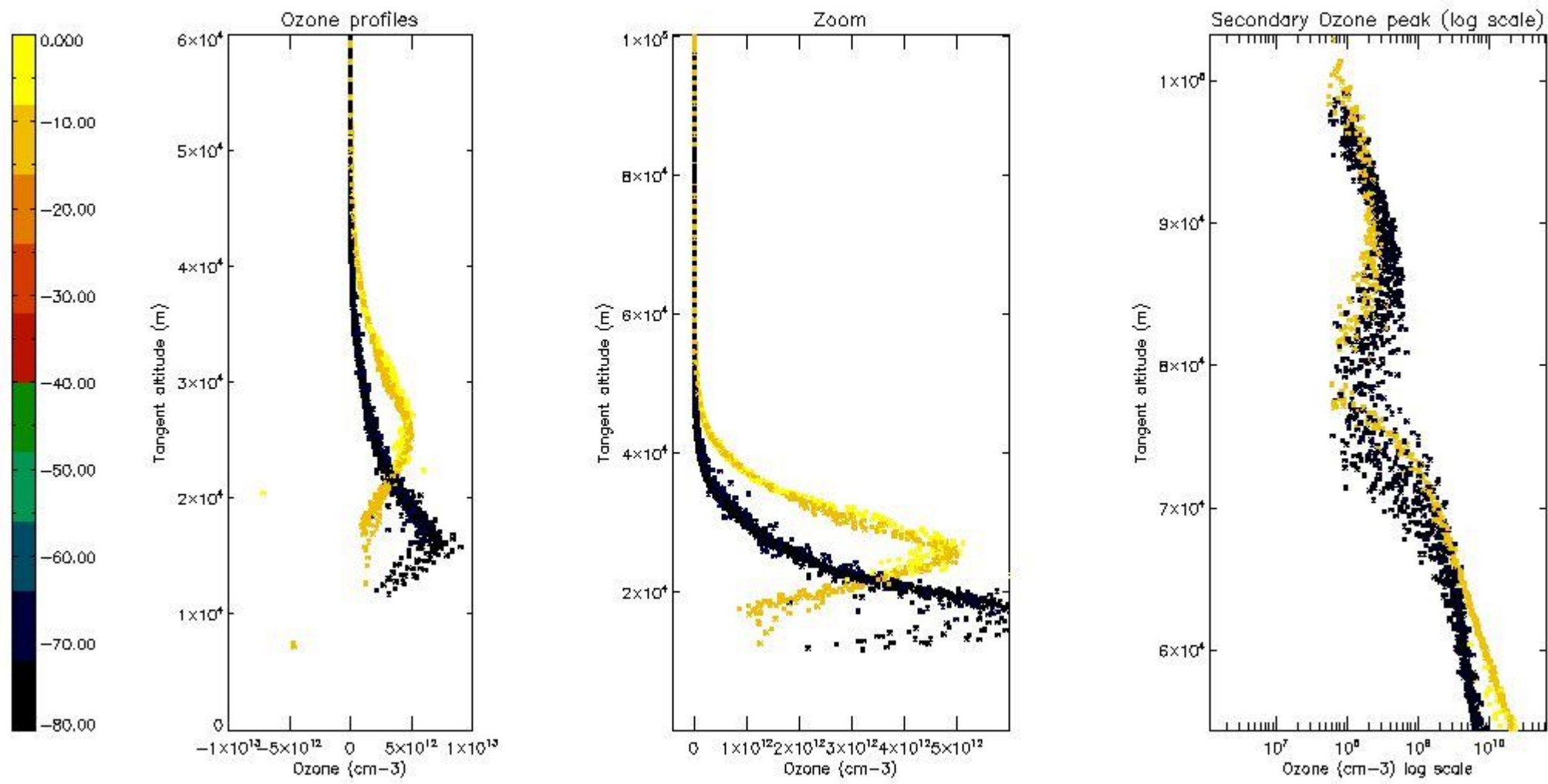
The colorbar represents the latitude.



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

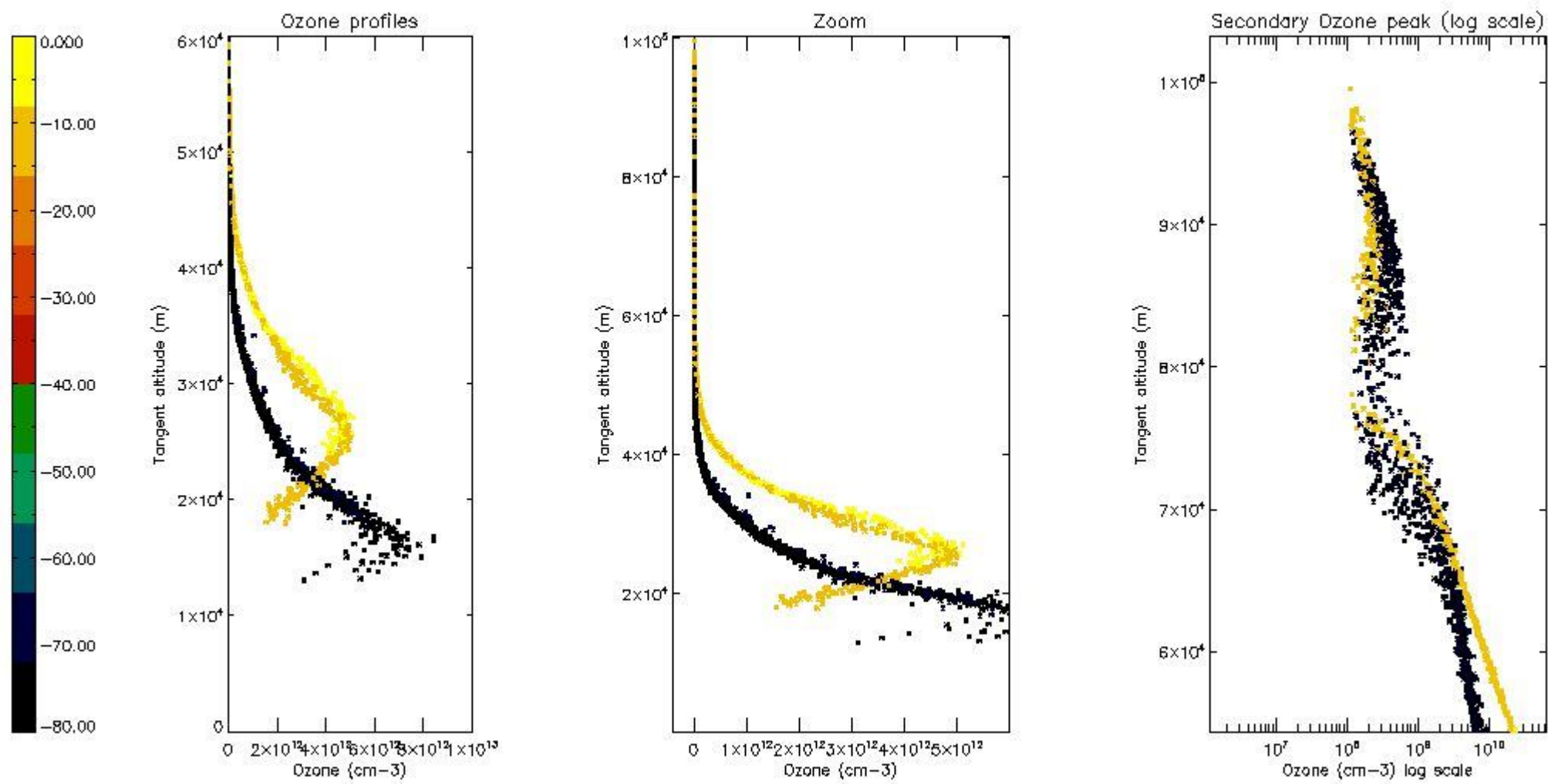
The colorbar represents the latitude.





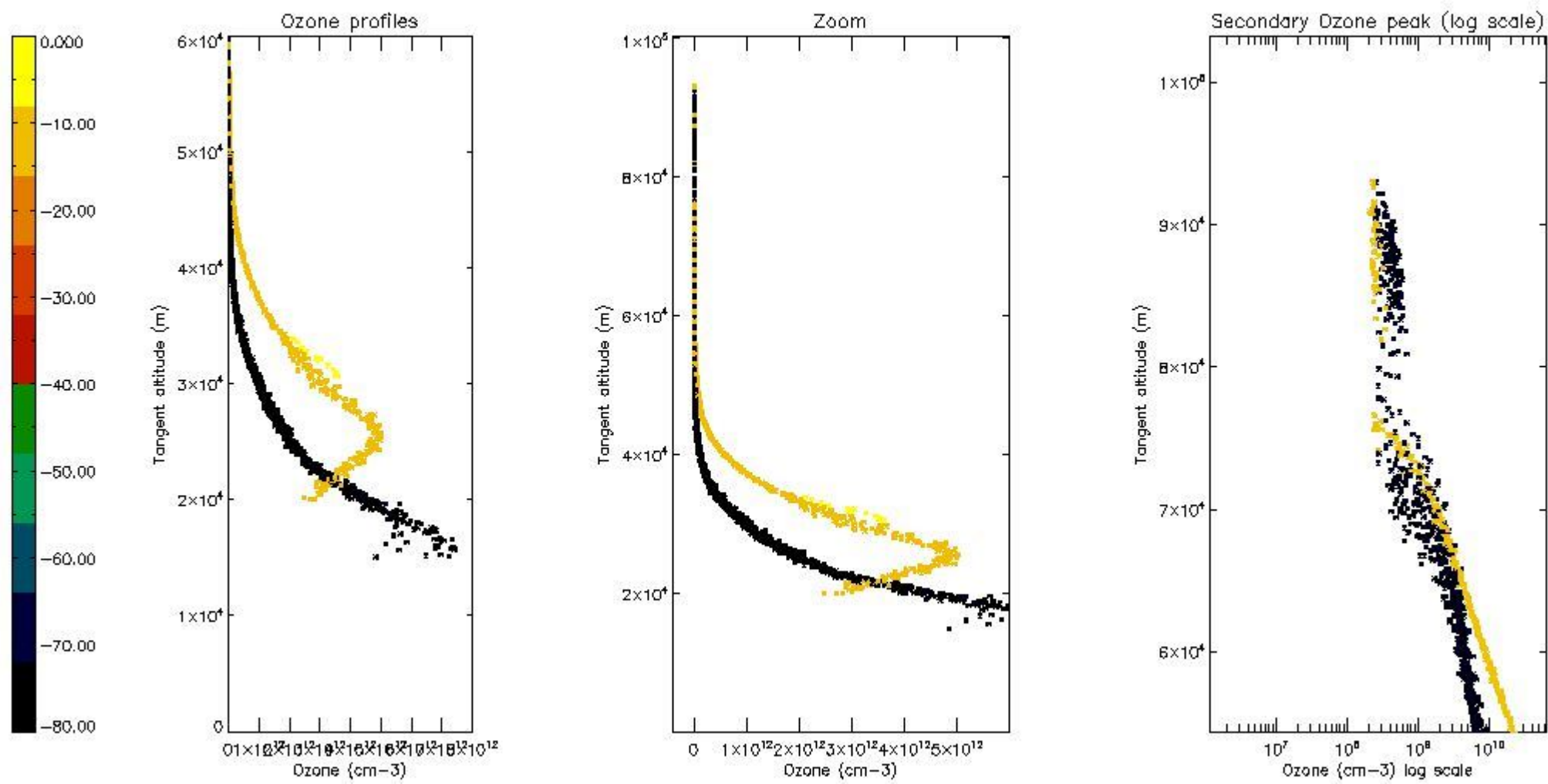
5.4 Plot ozone profiles where  $STD < 10\%$  (dark without errors)

The colorbar represents the latitude.



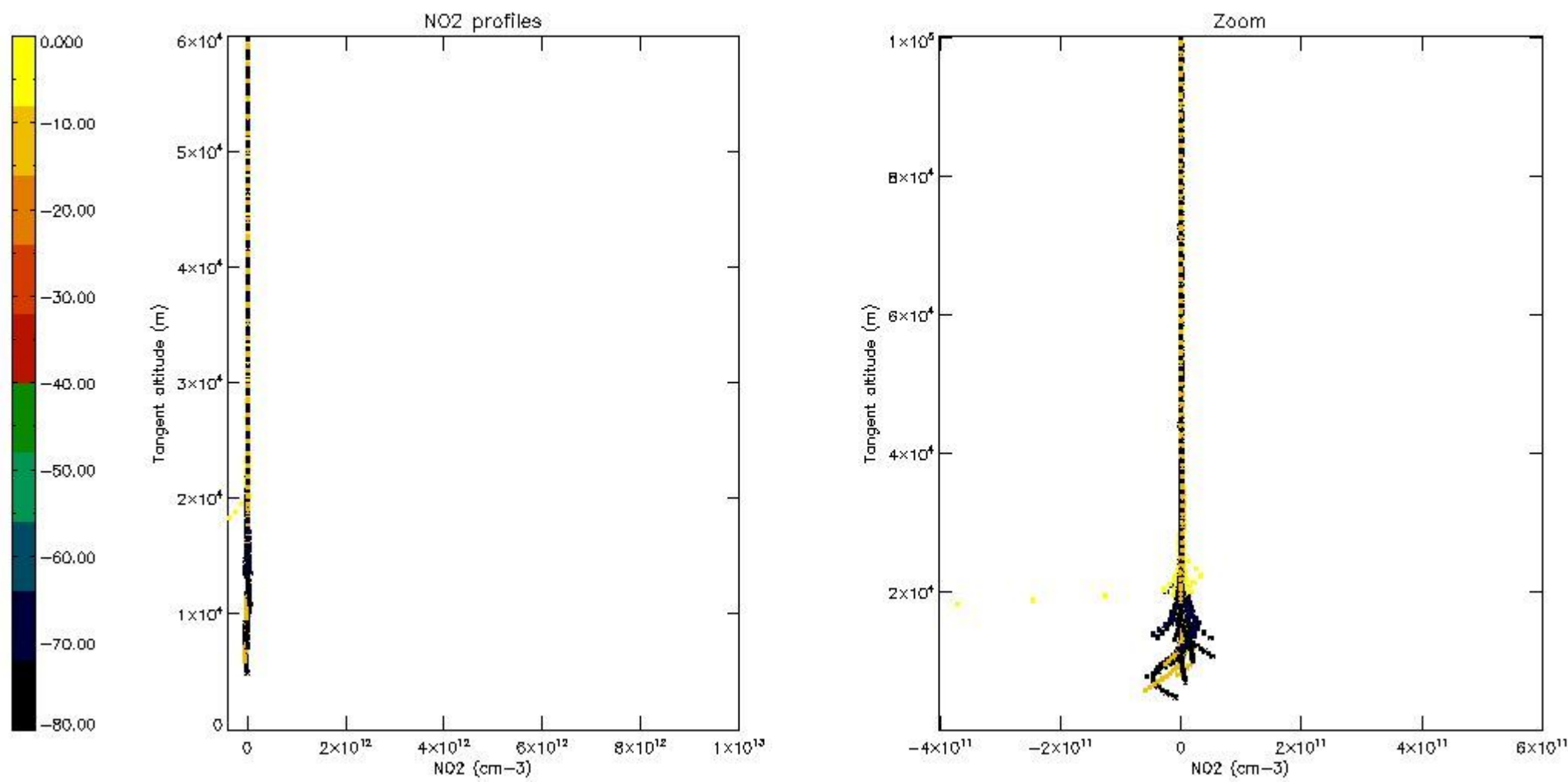
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



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

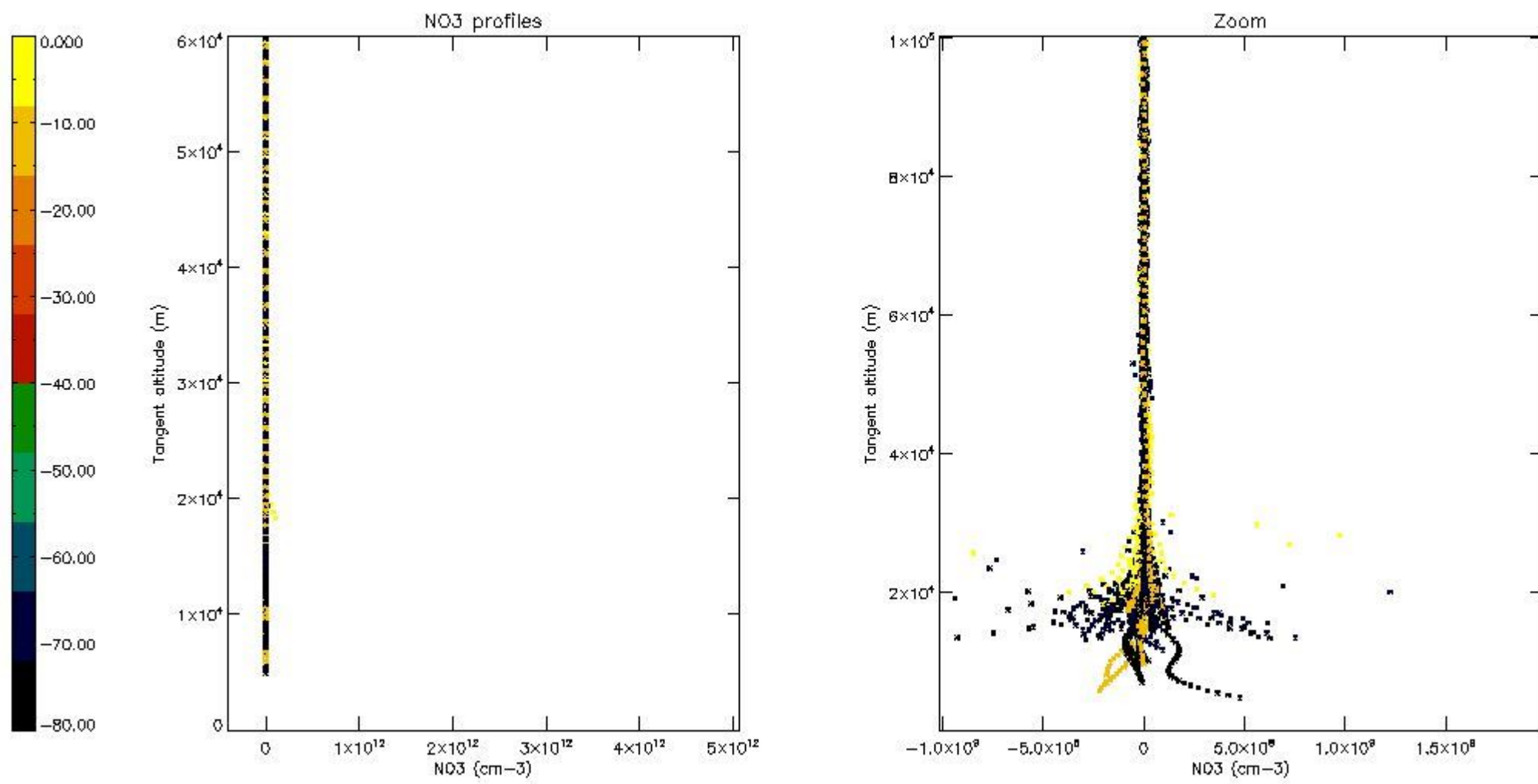
The colorbar represents the latitude.



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

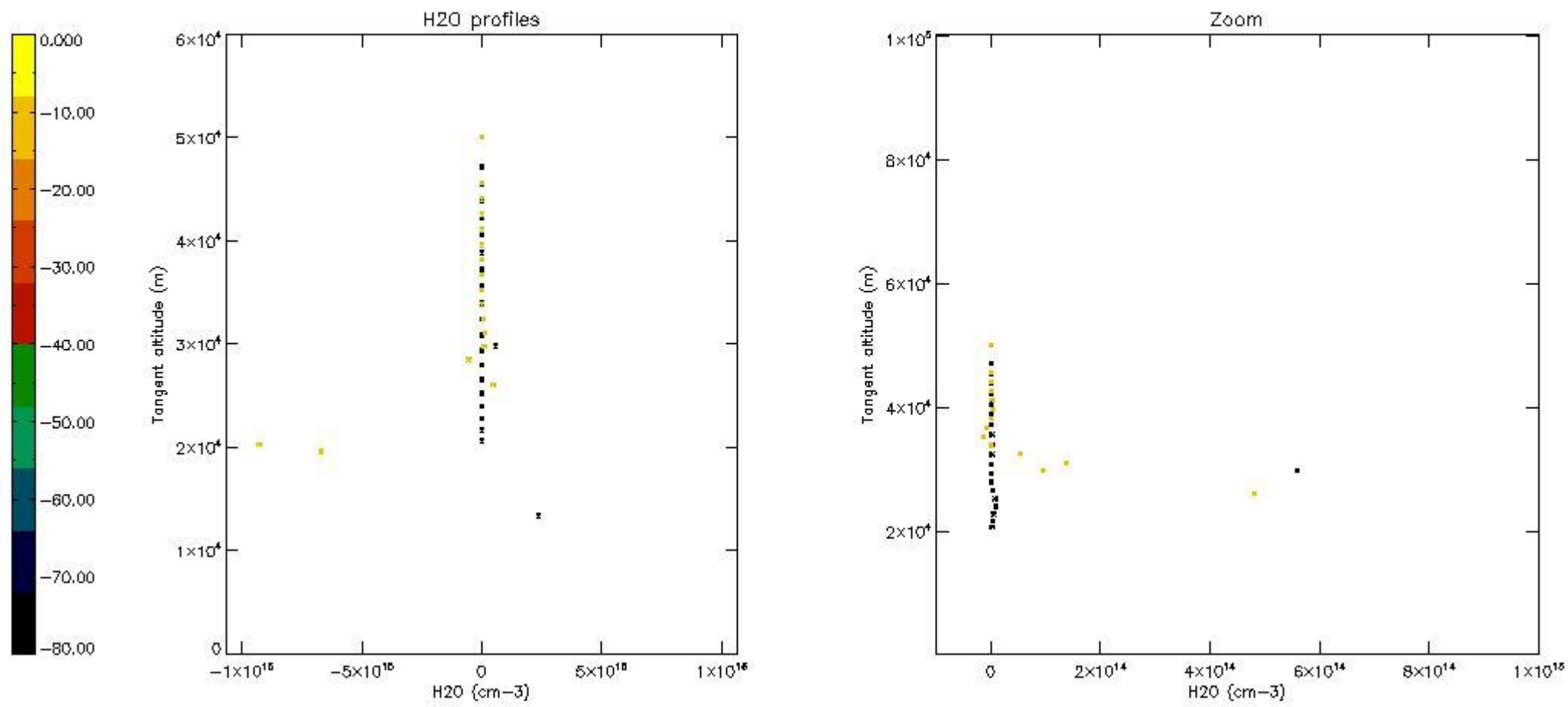
The colorbar represents the latitude.





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

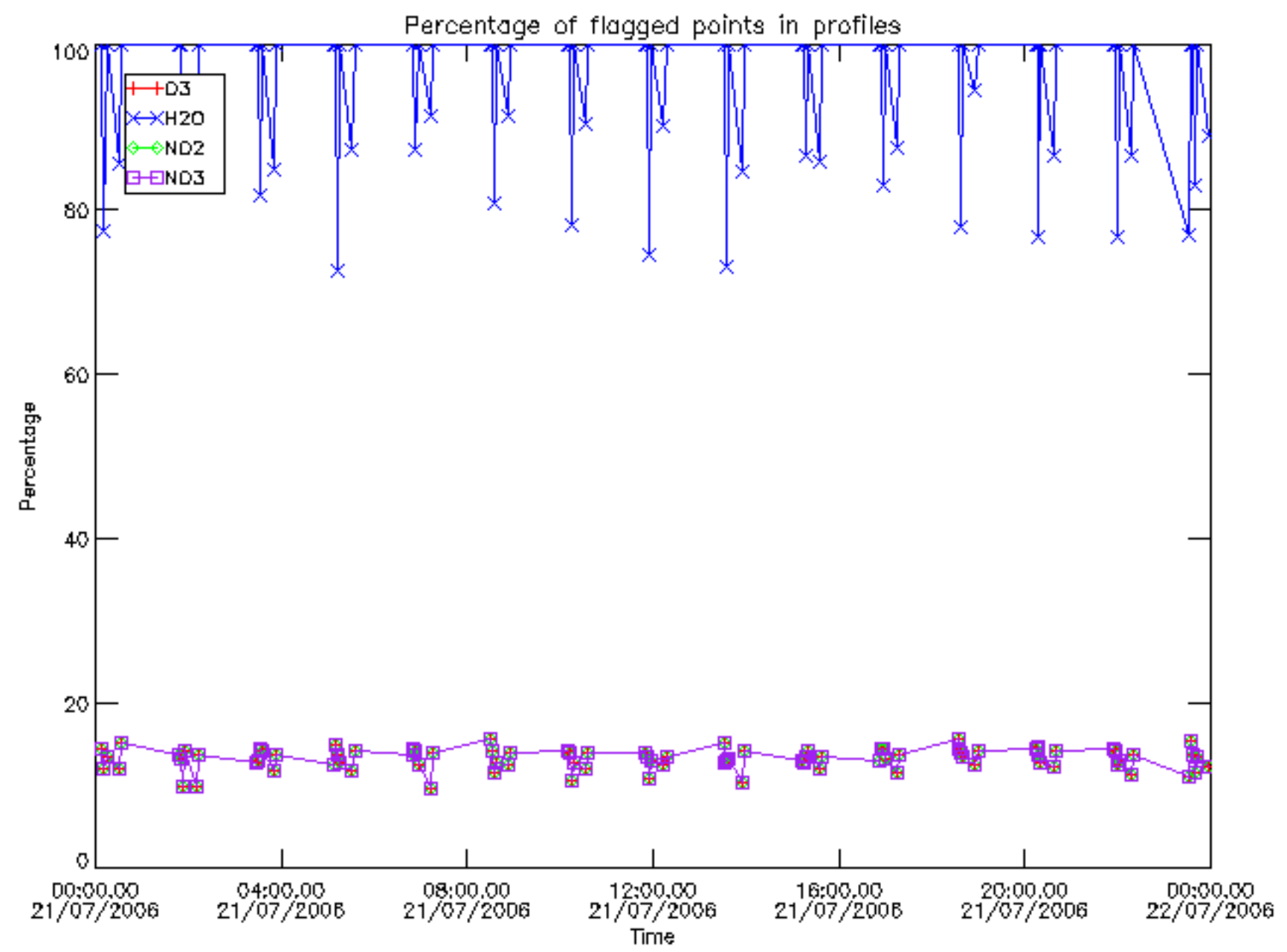
The colorbar represents the latitude.



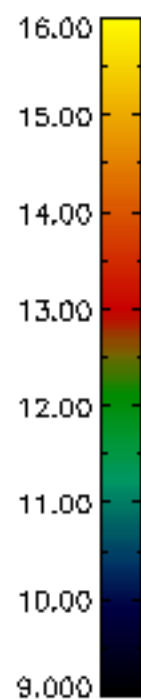
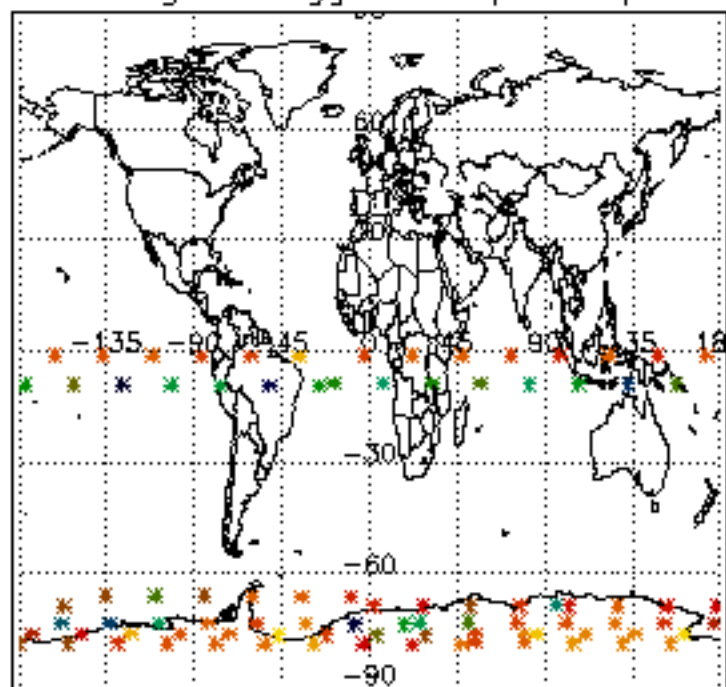
## 6. Auxiliary Data Files used for the production reported in section 2

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

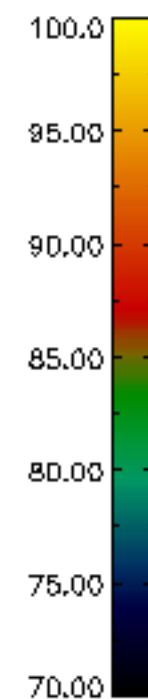
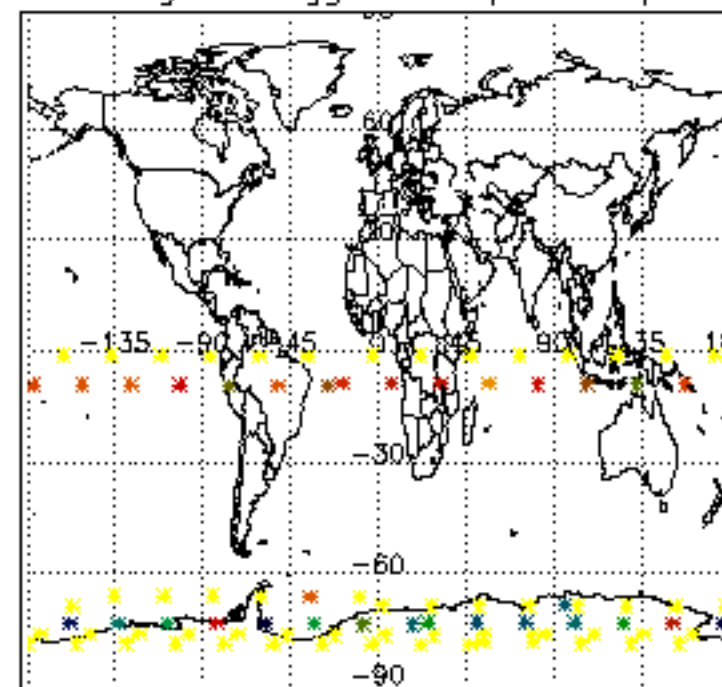
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	21-JUL-2006 00:04:37
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	21-JUL-2006 00:04:37
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	21-JUL-2006 00:04:37



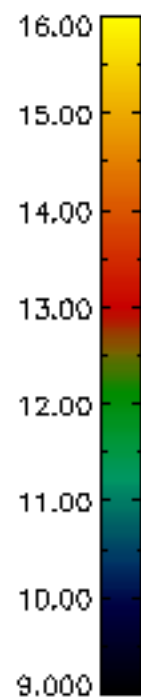
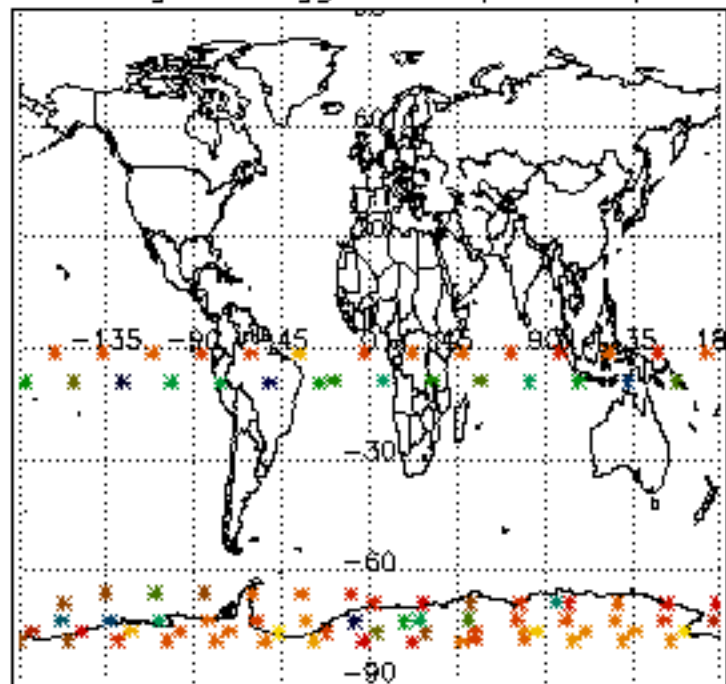
Percentage of flagged data per D3 profile



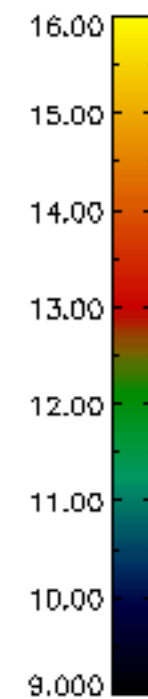
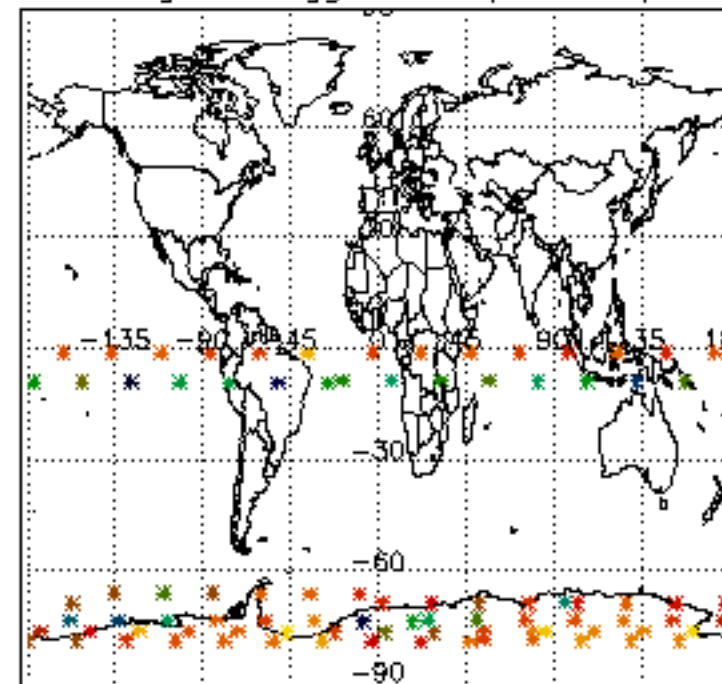
Percentage of flagged data per H2O profile



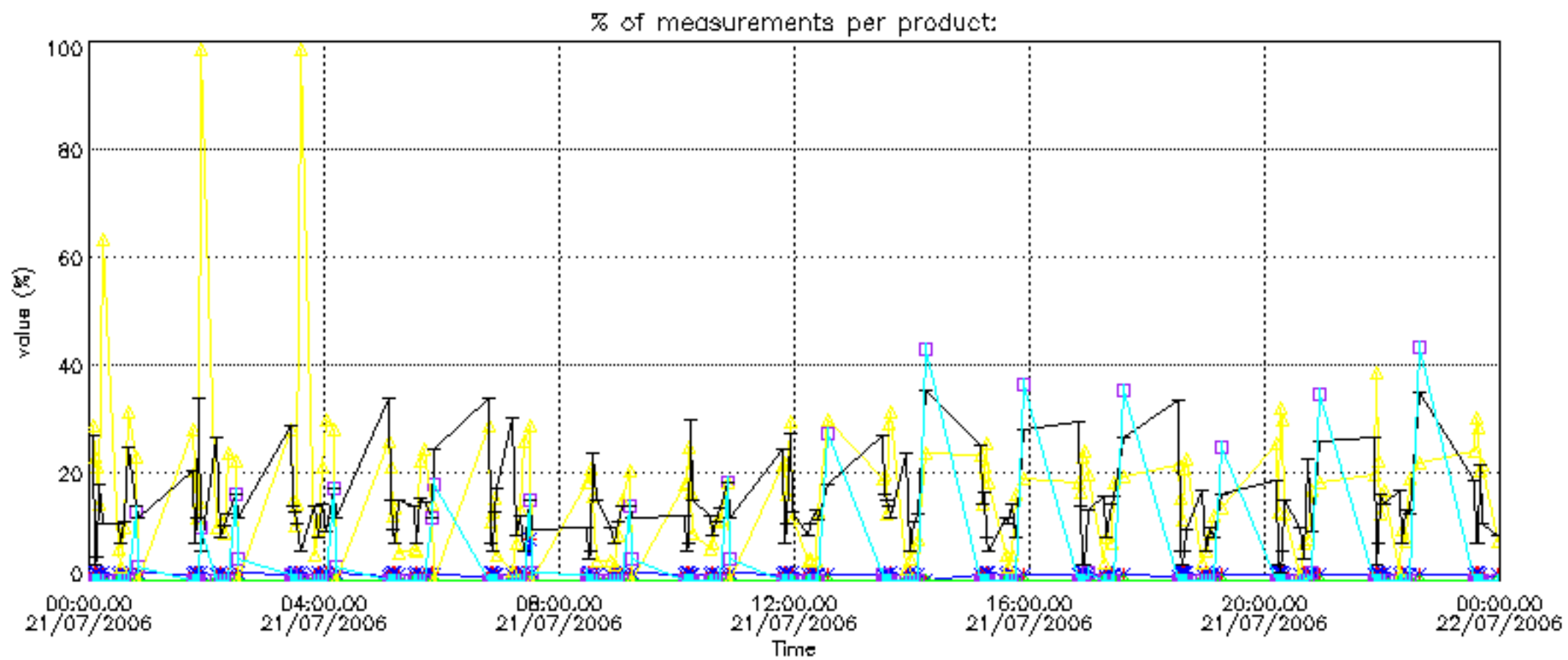
Percentage of flagged data per NO2 profile

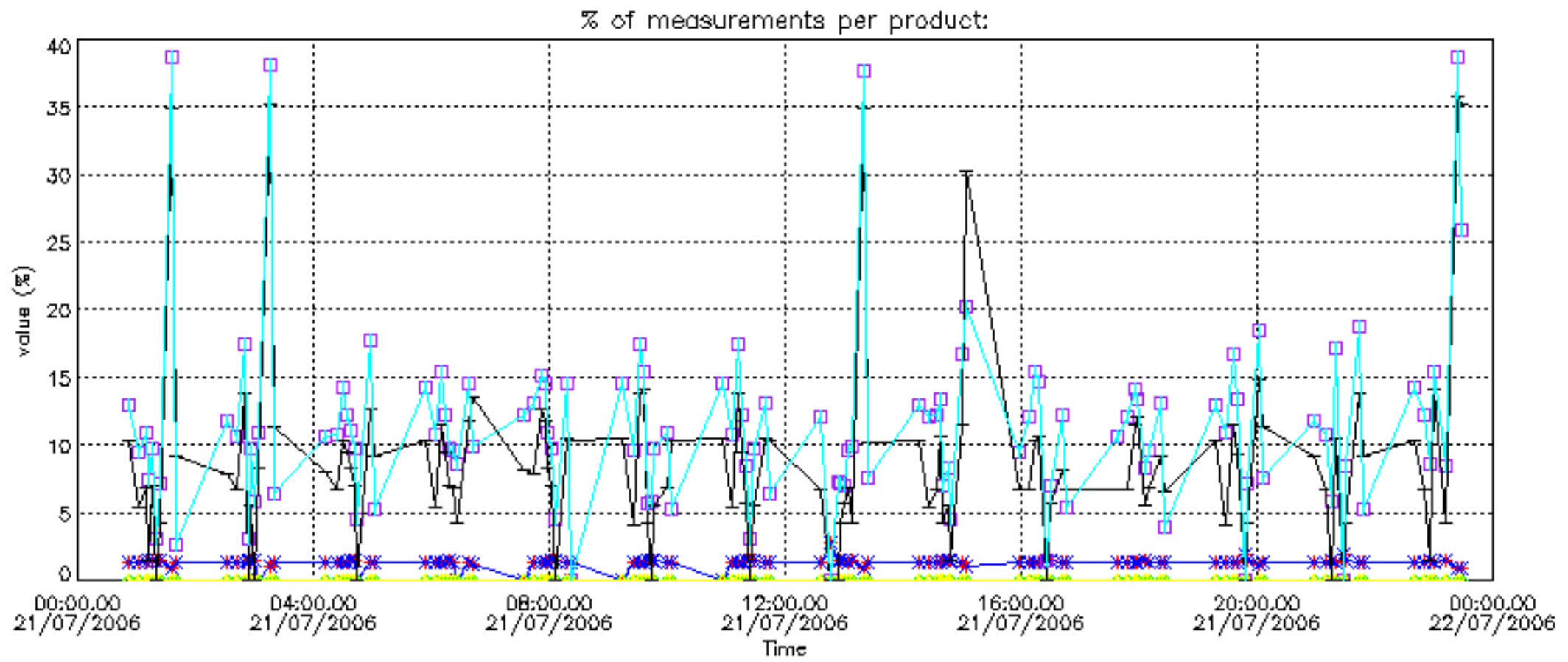


Percentage of flagged data per NO3 profile

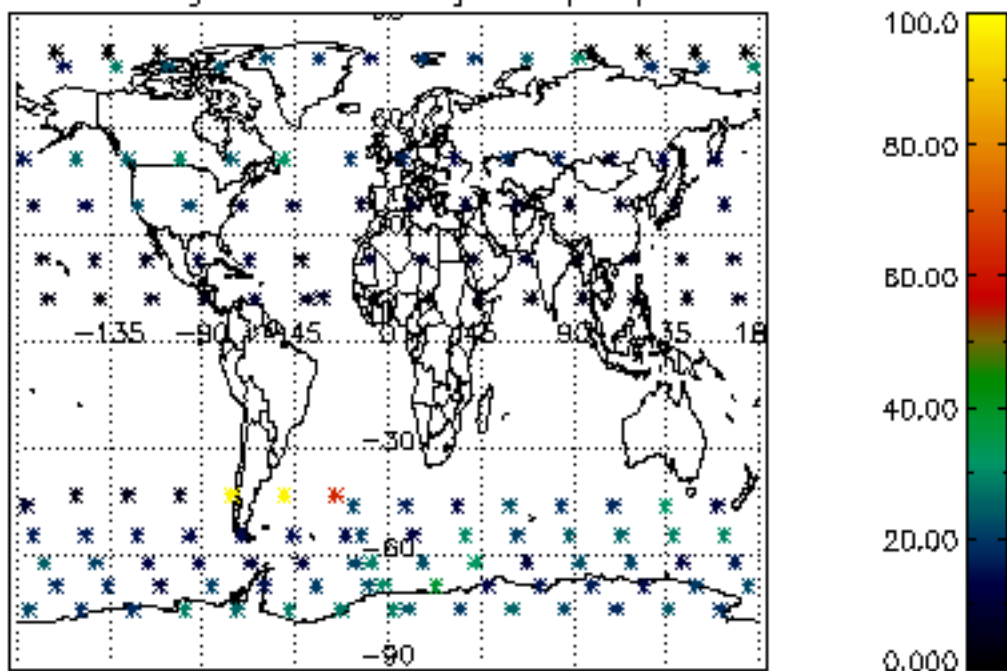




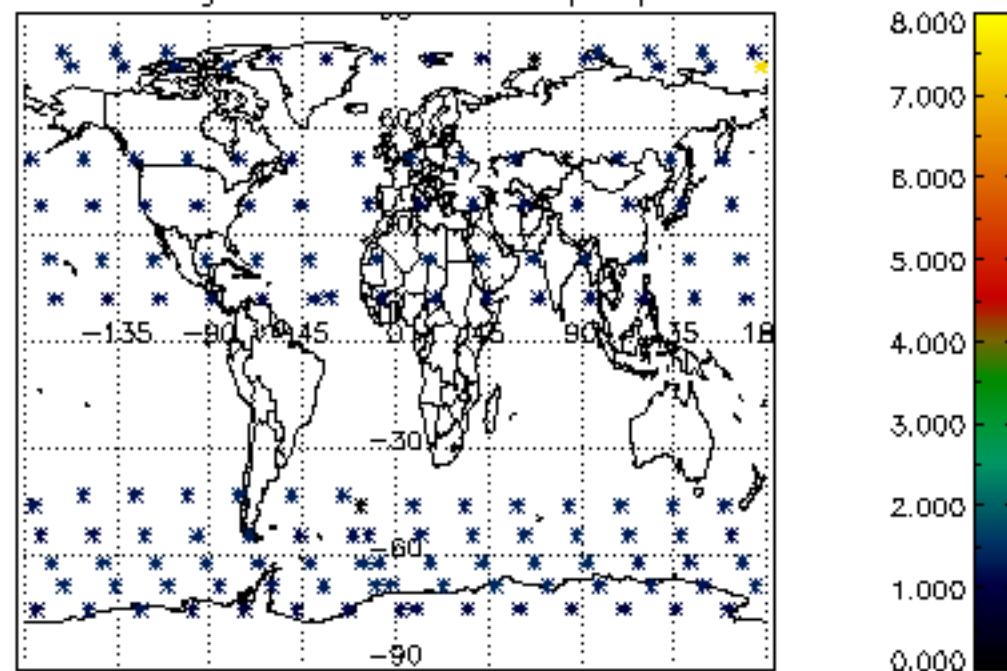




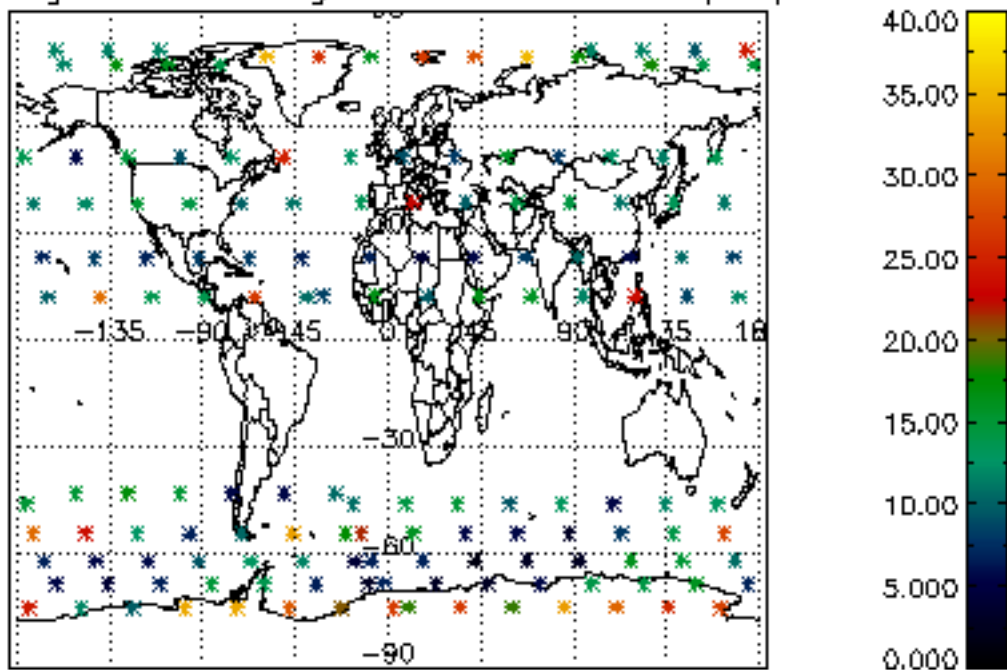
Percentage of cosmic ray hits per profile



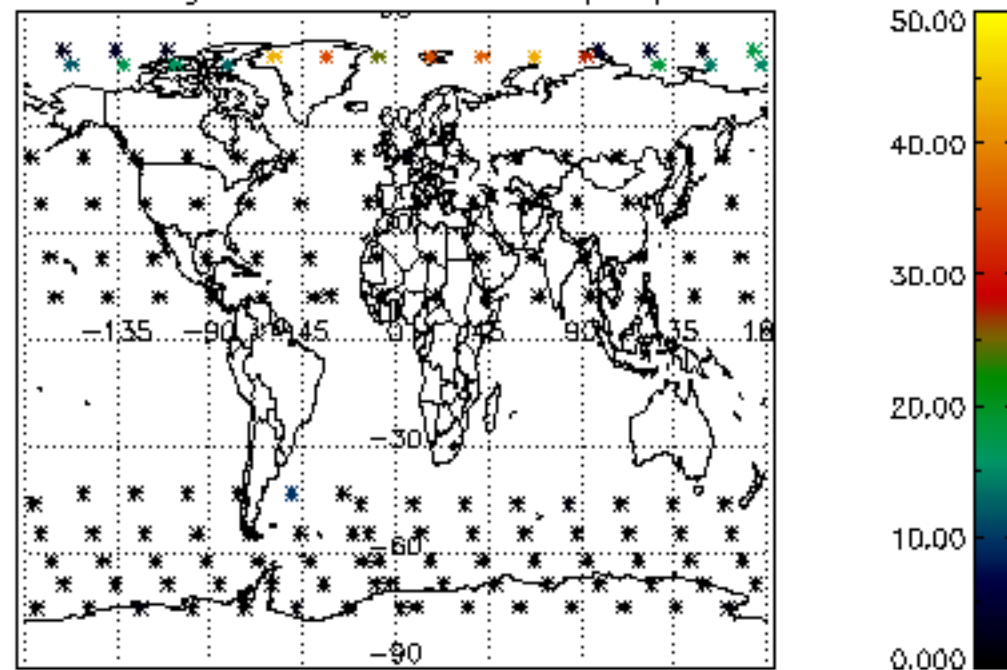
Percentage of datation errors per profile



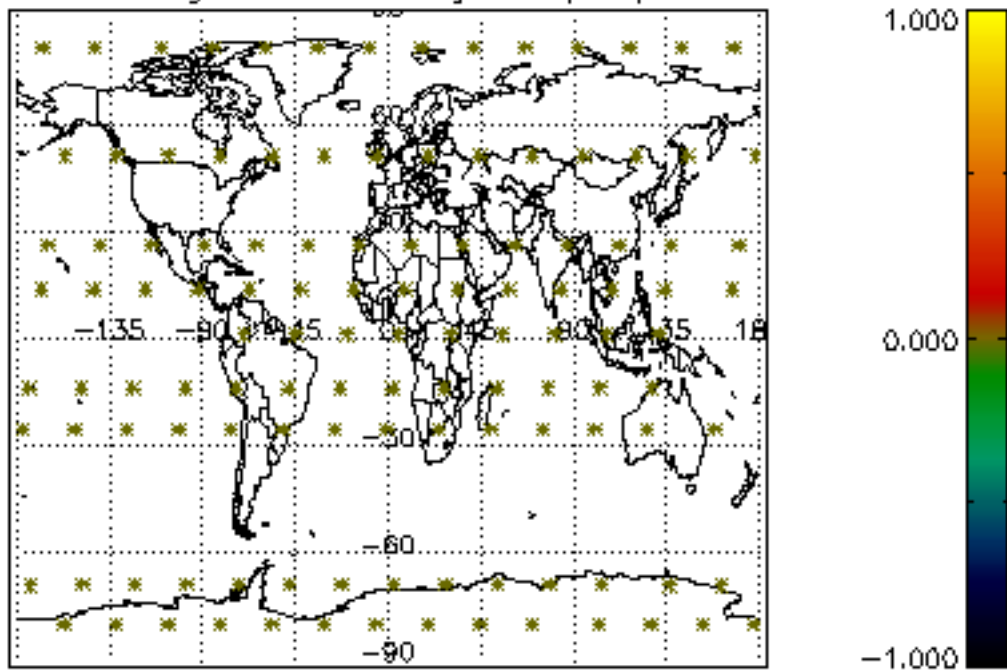
Percentage of star falling outside central band per profile



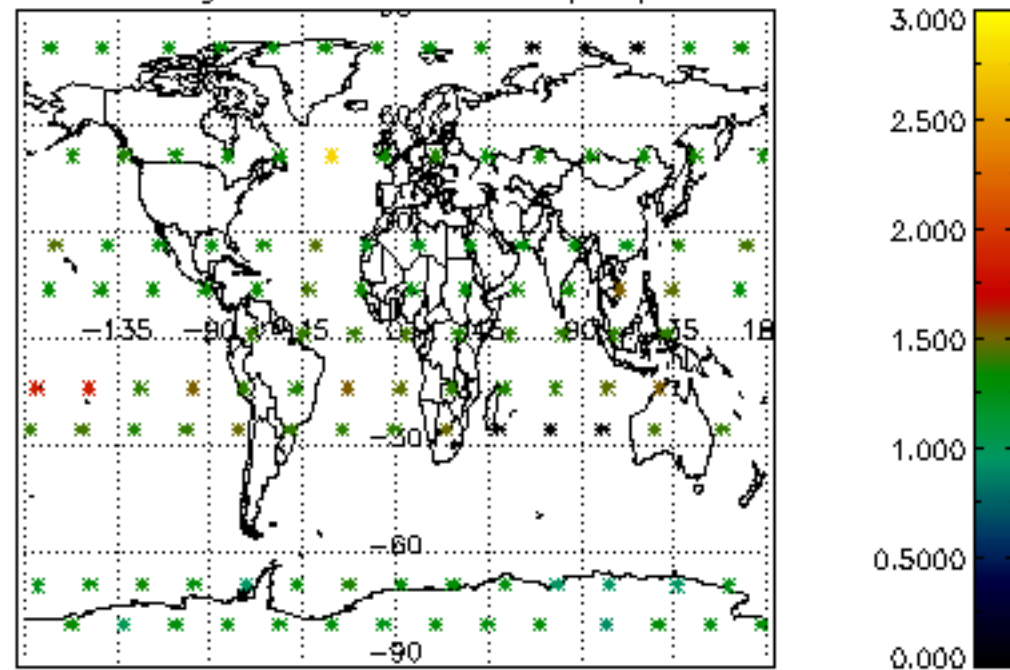
Percentage of saturation errors per profile



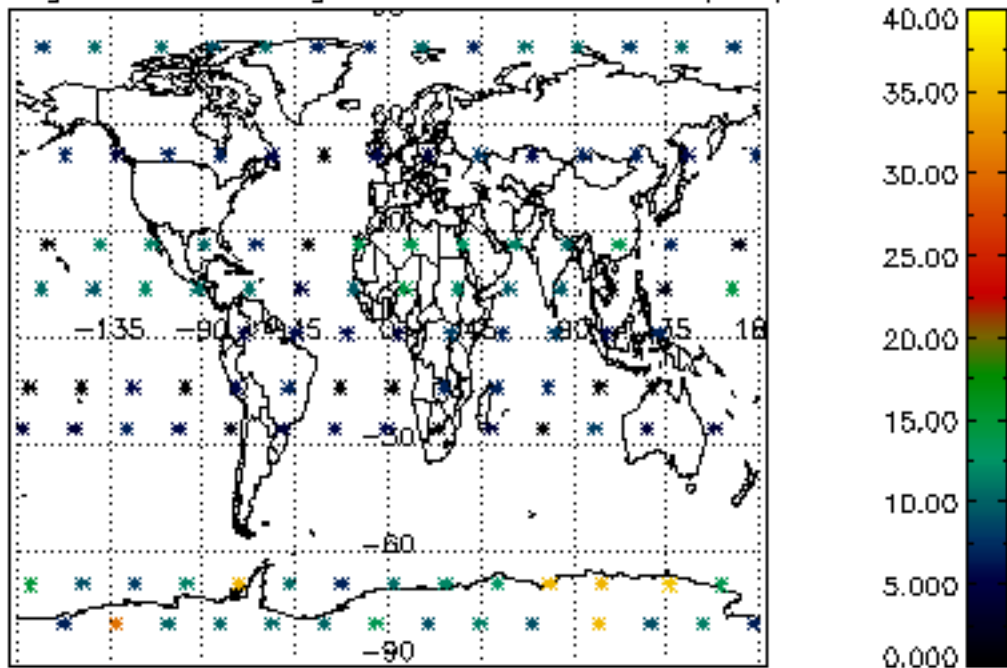
Percentage of cosmic ray hits per profile



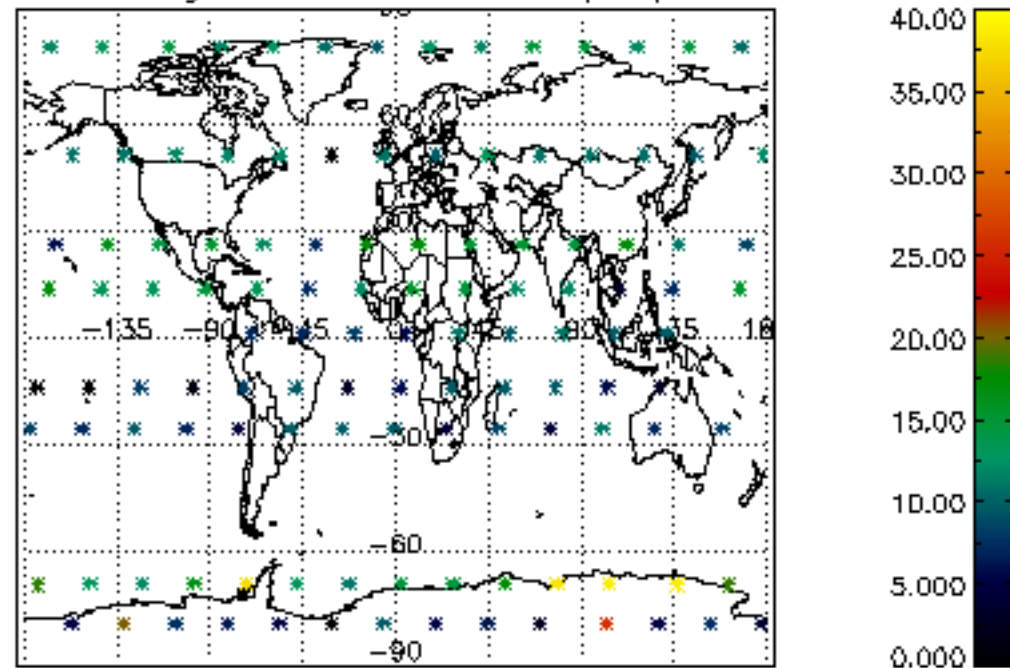
Percentage of datation errors per profile



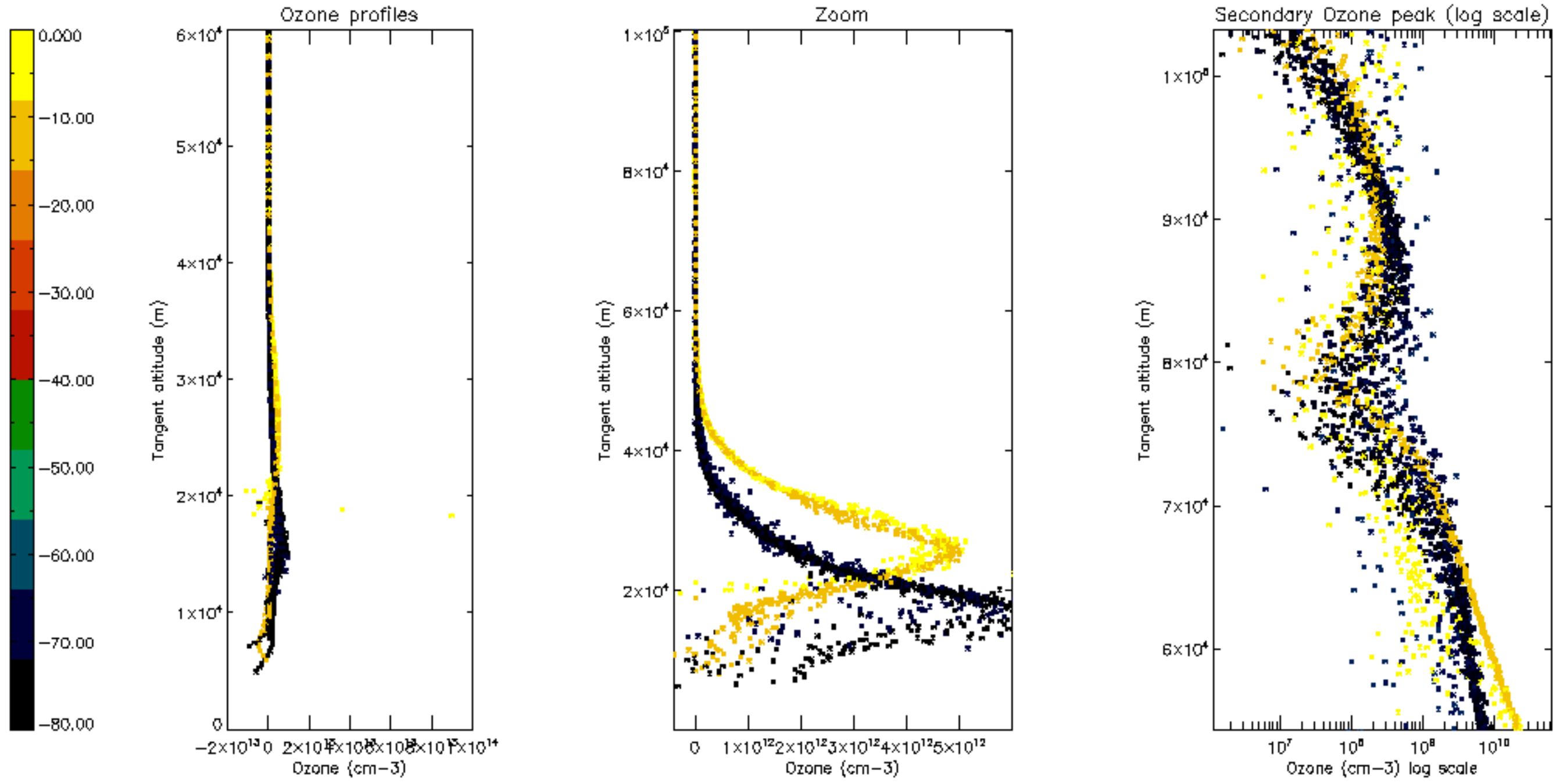
Percentage of star falling outside central band per profile

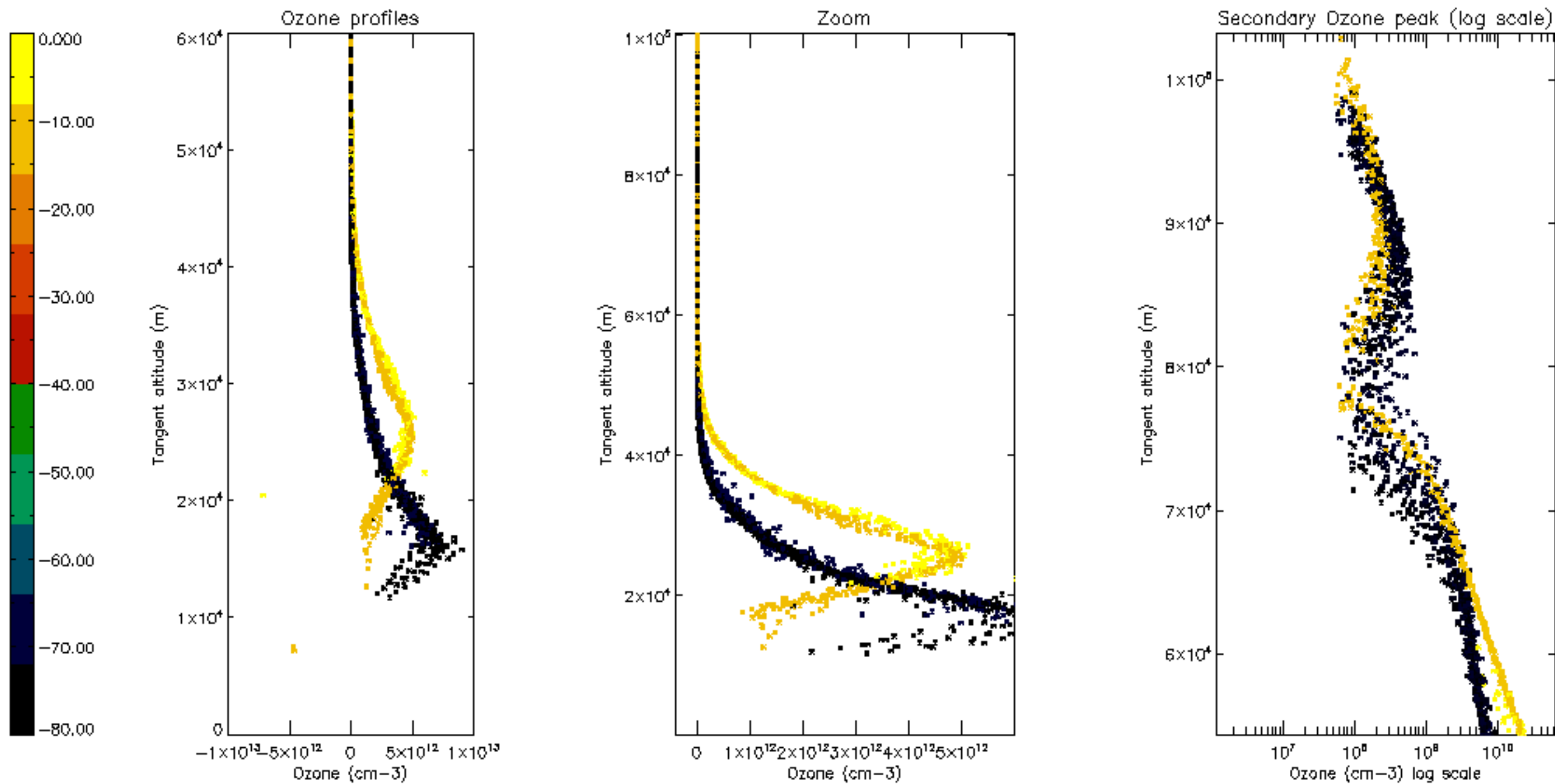


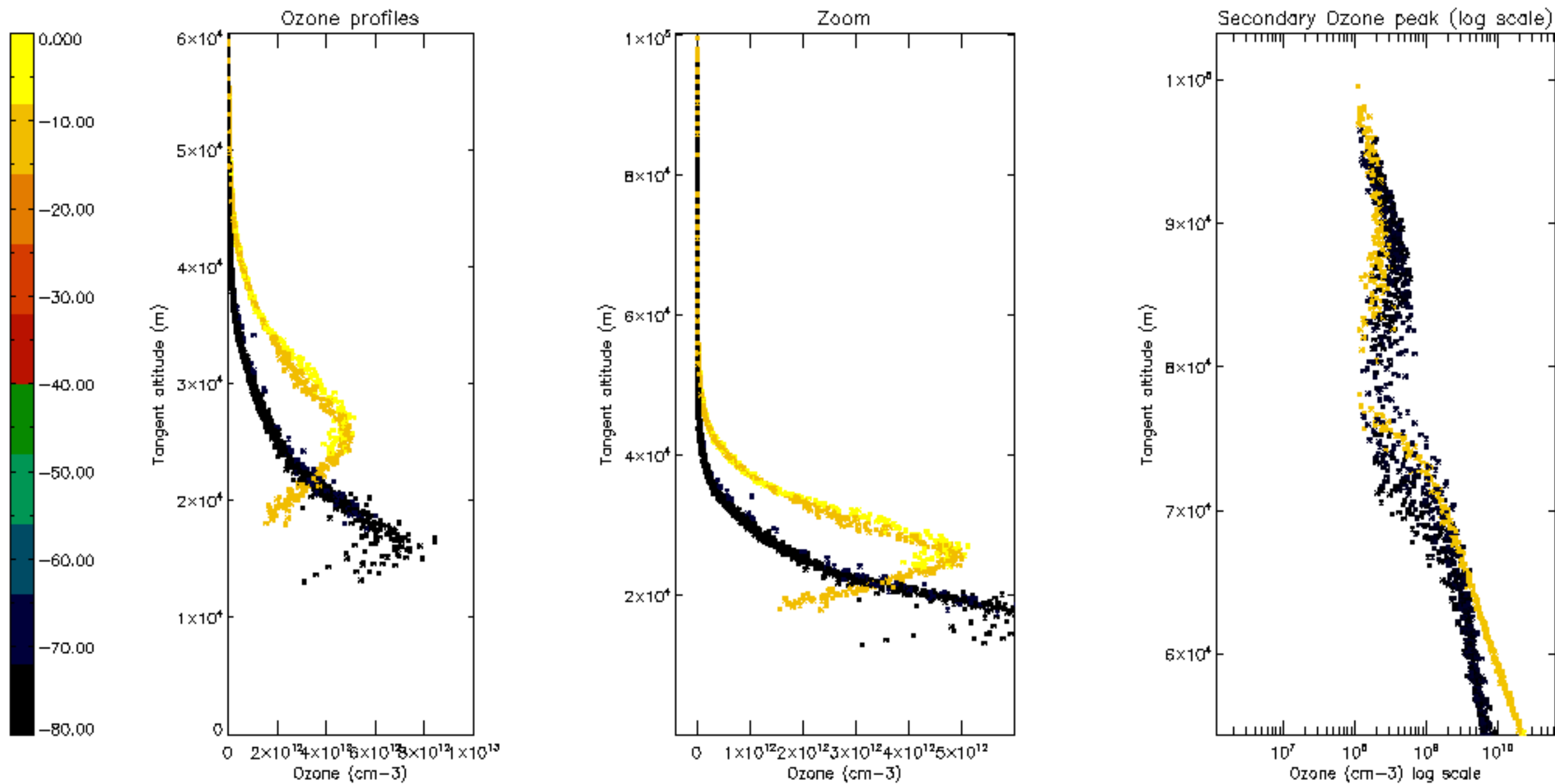
Percentage of saturation errors per profile

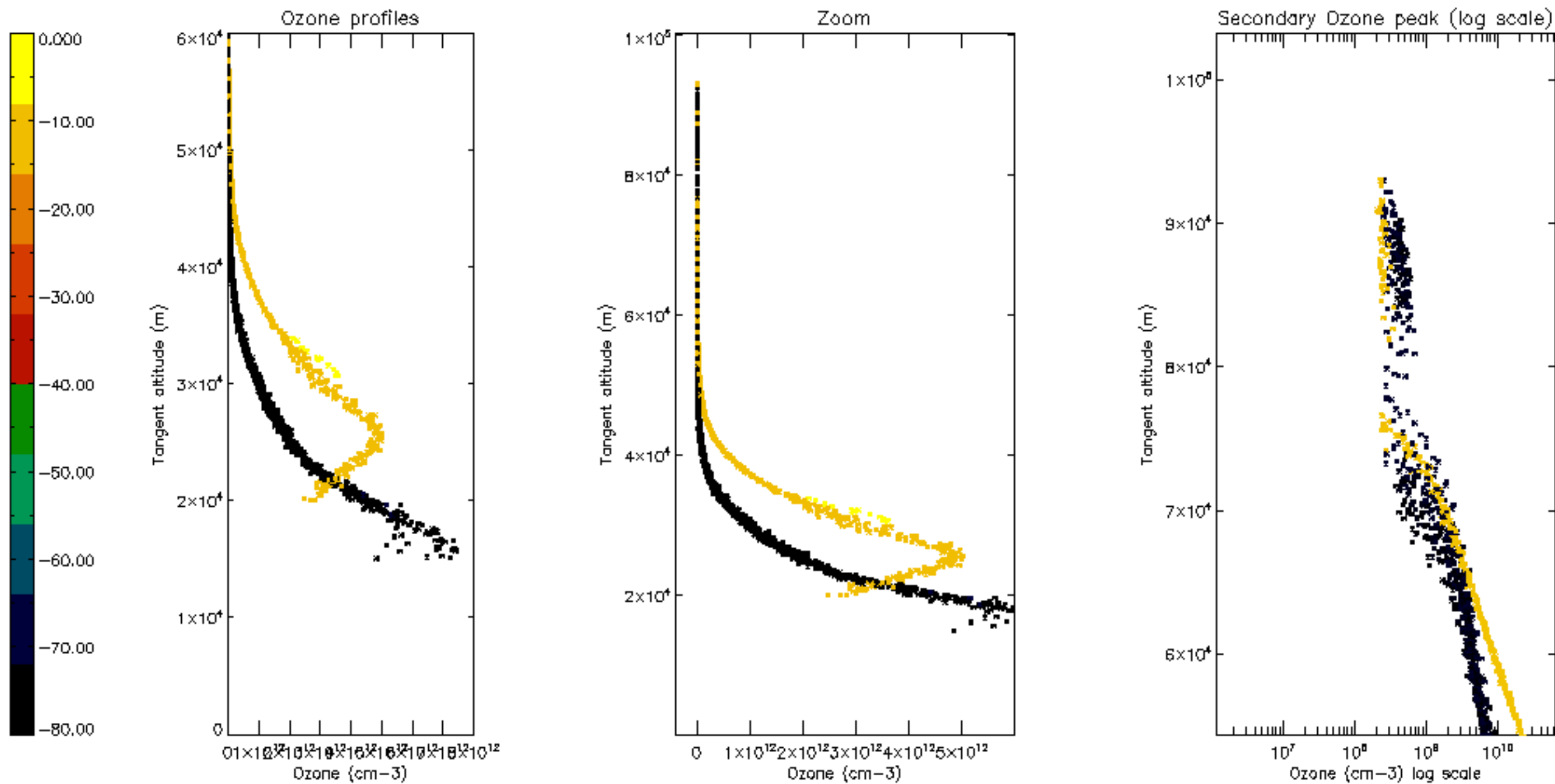




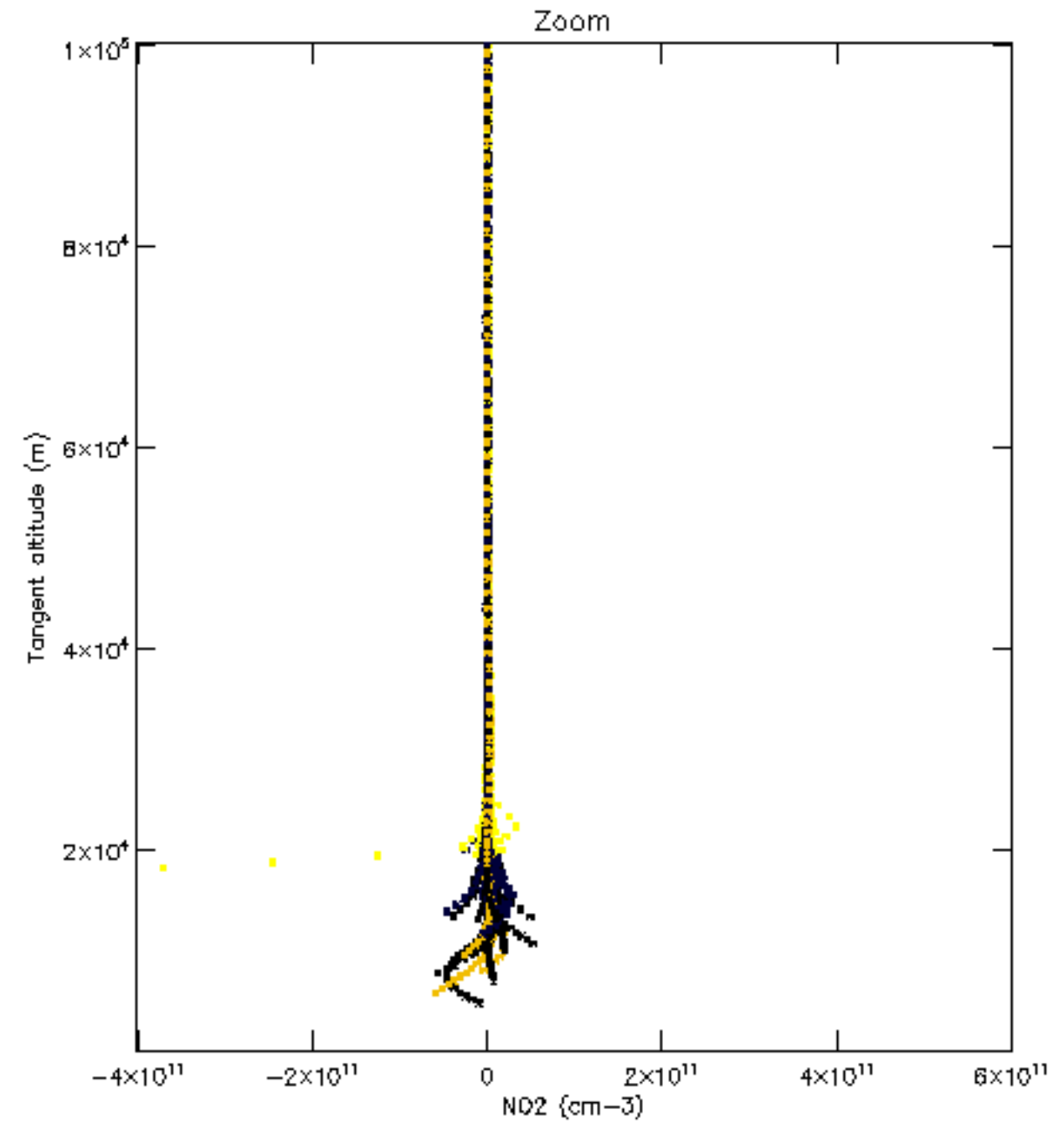
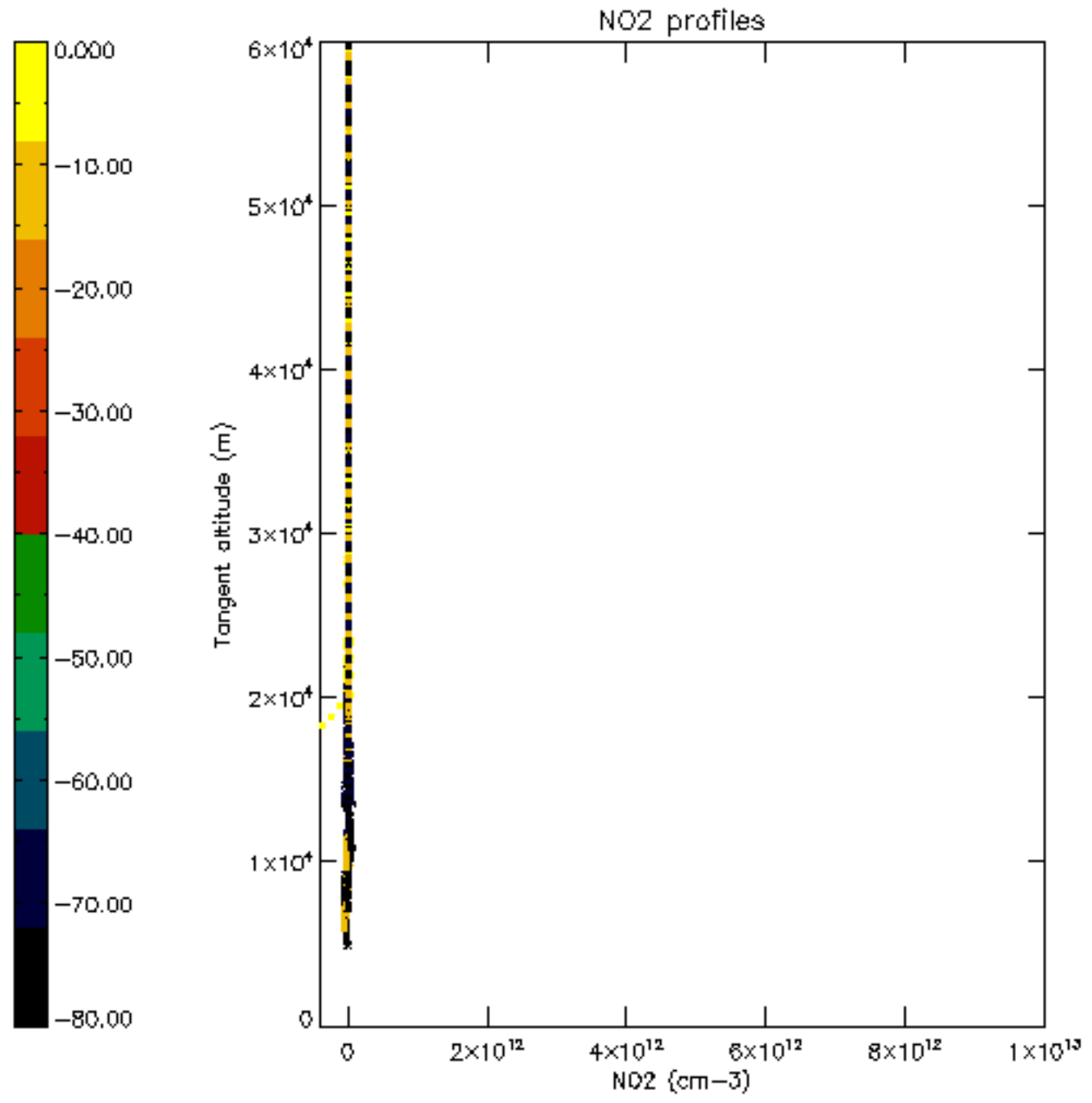


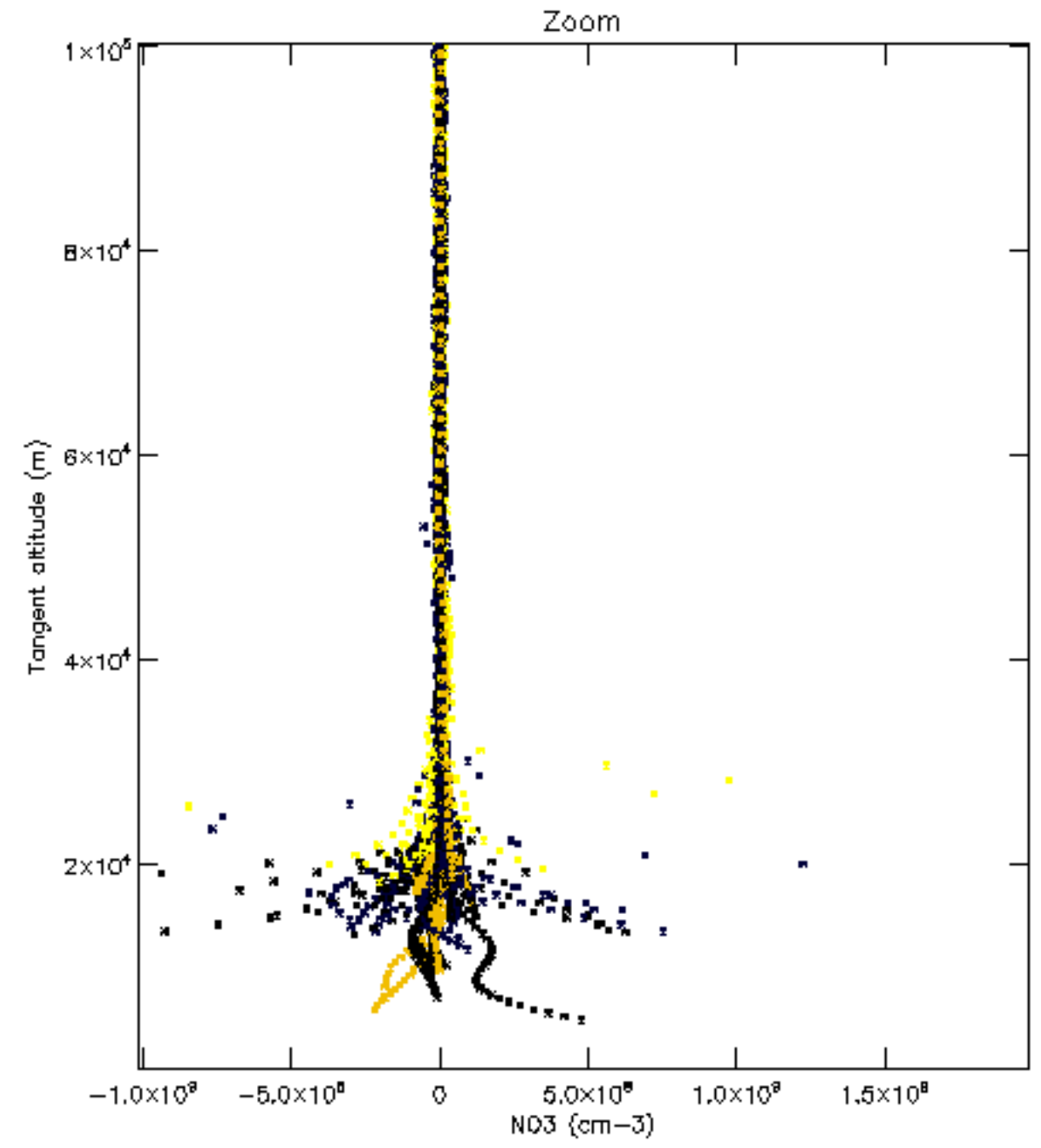
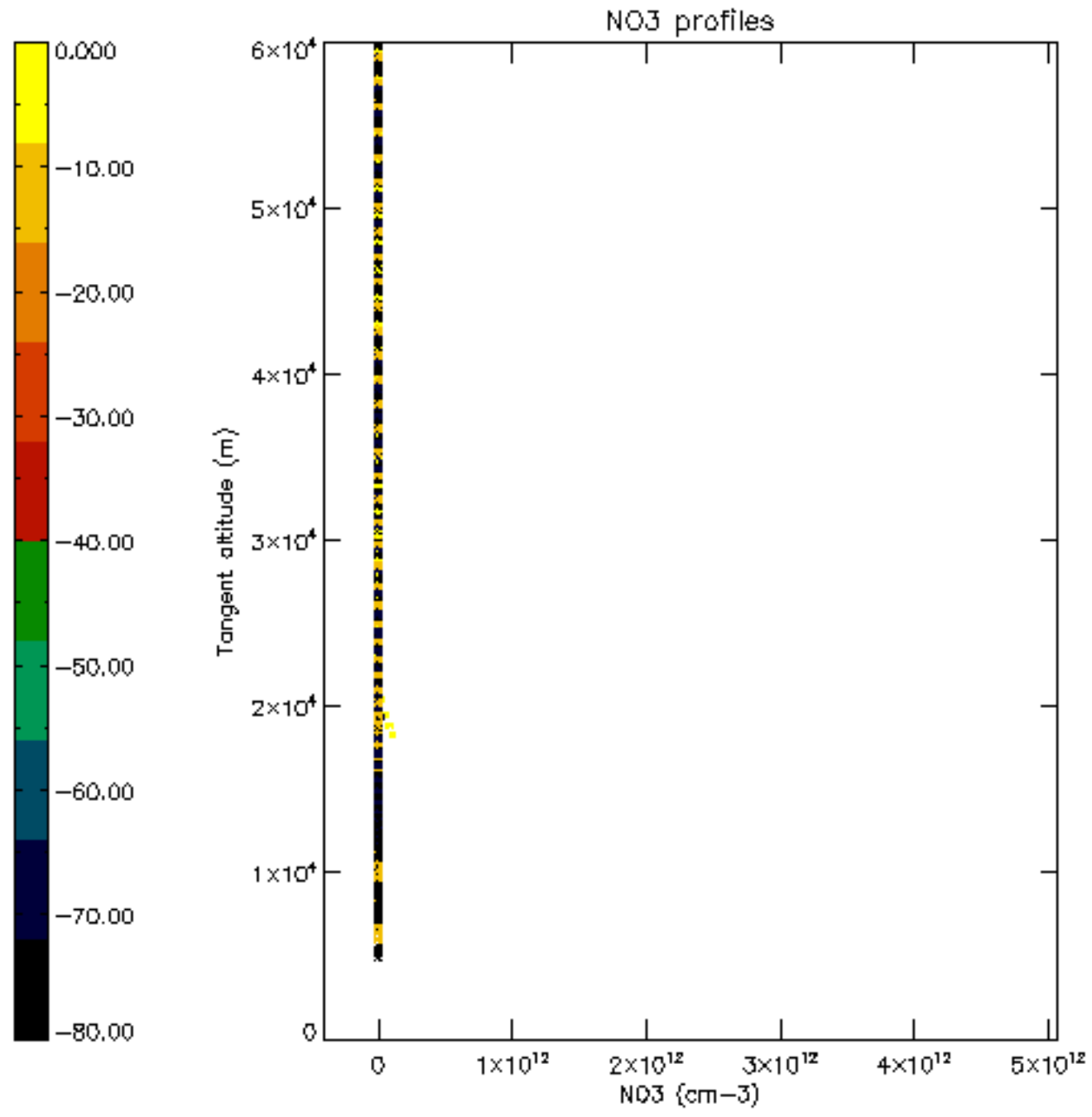


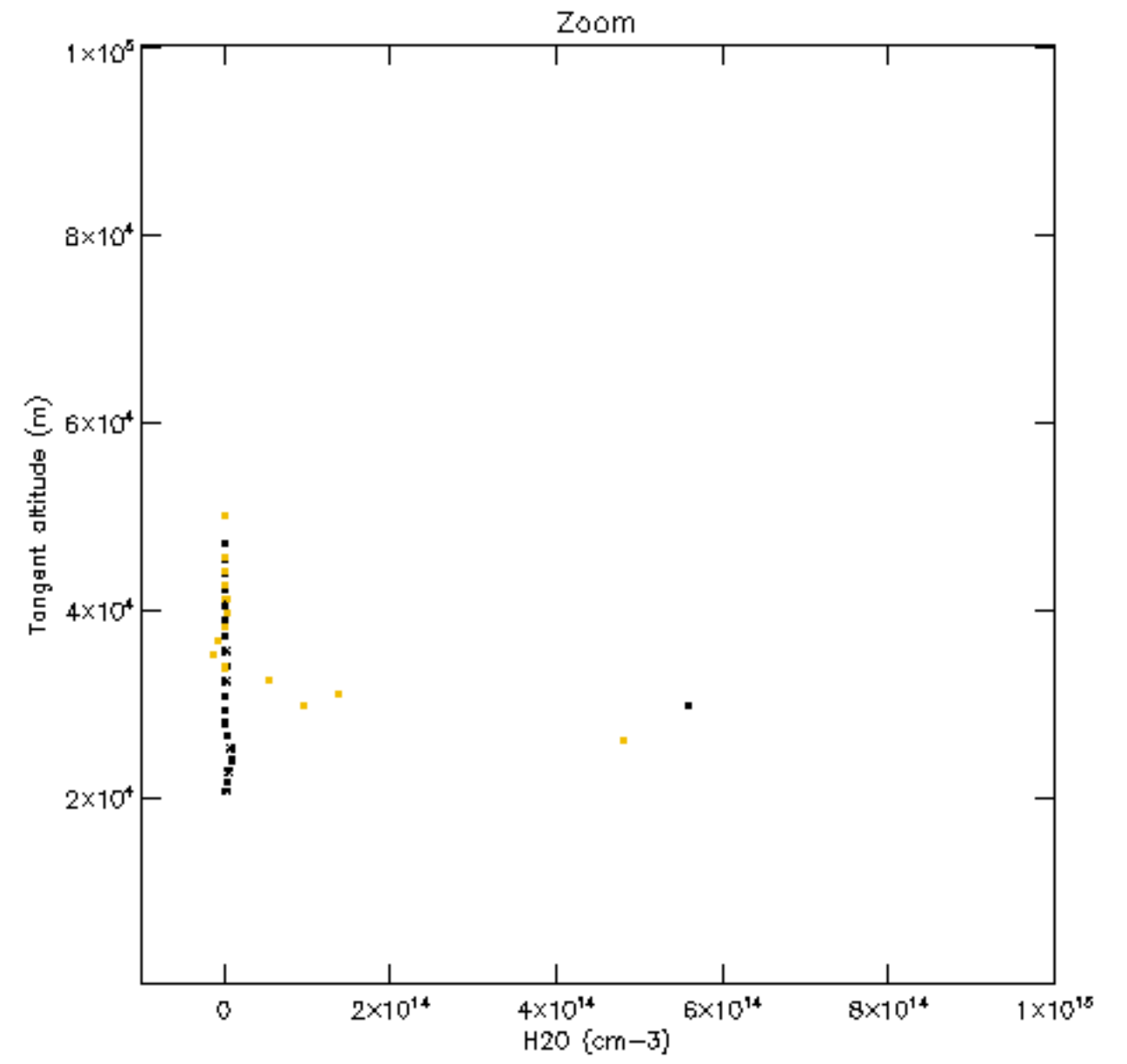
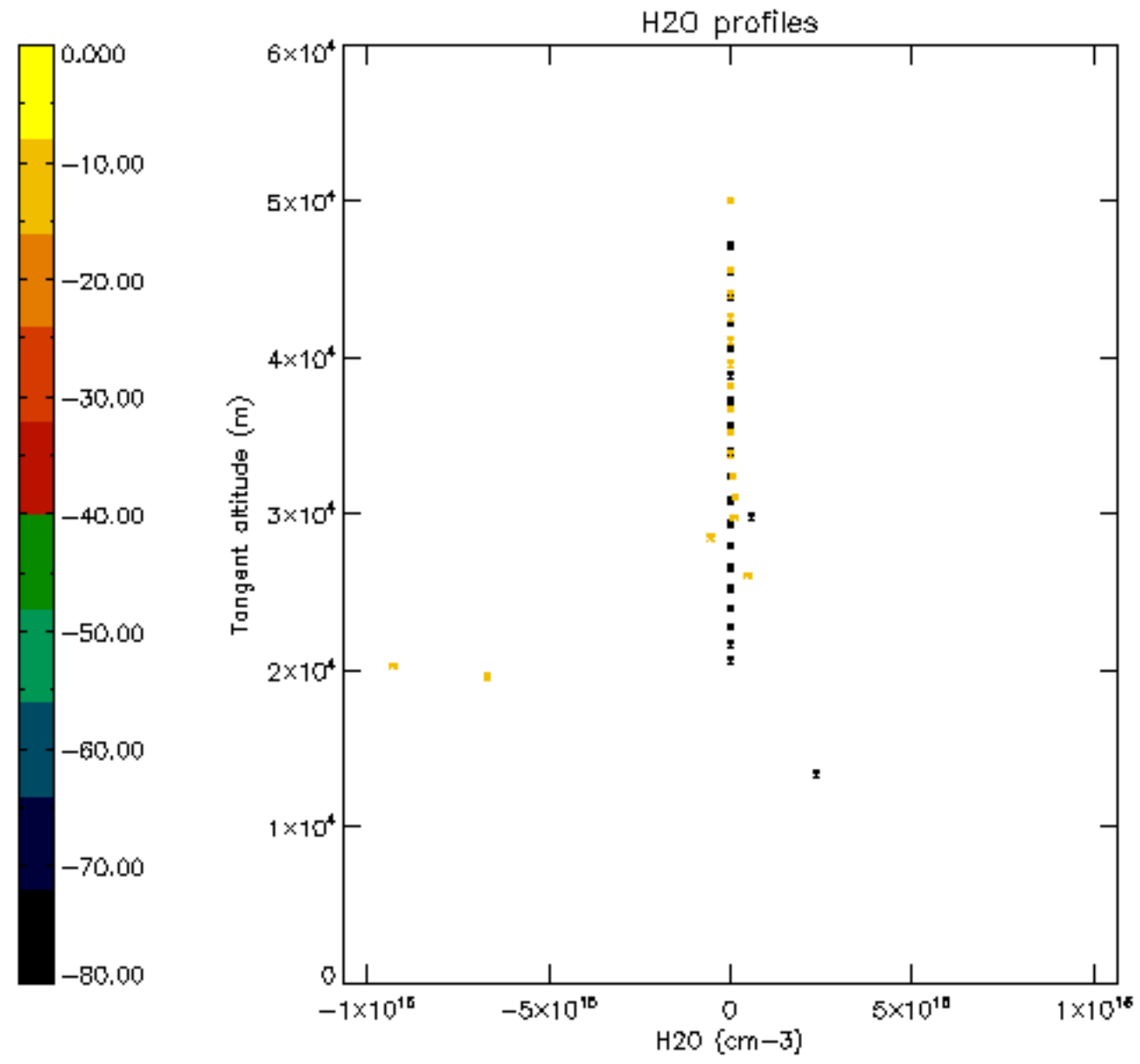


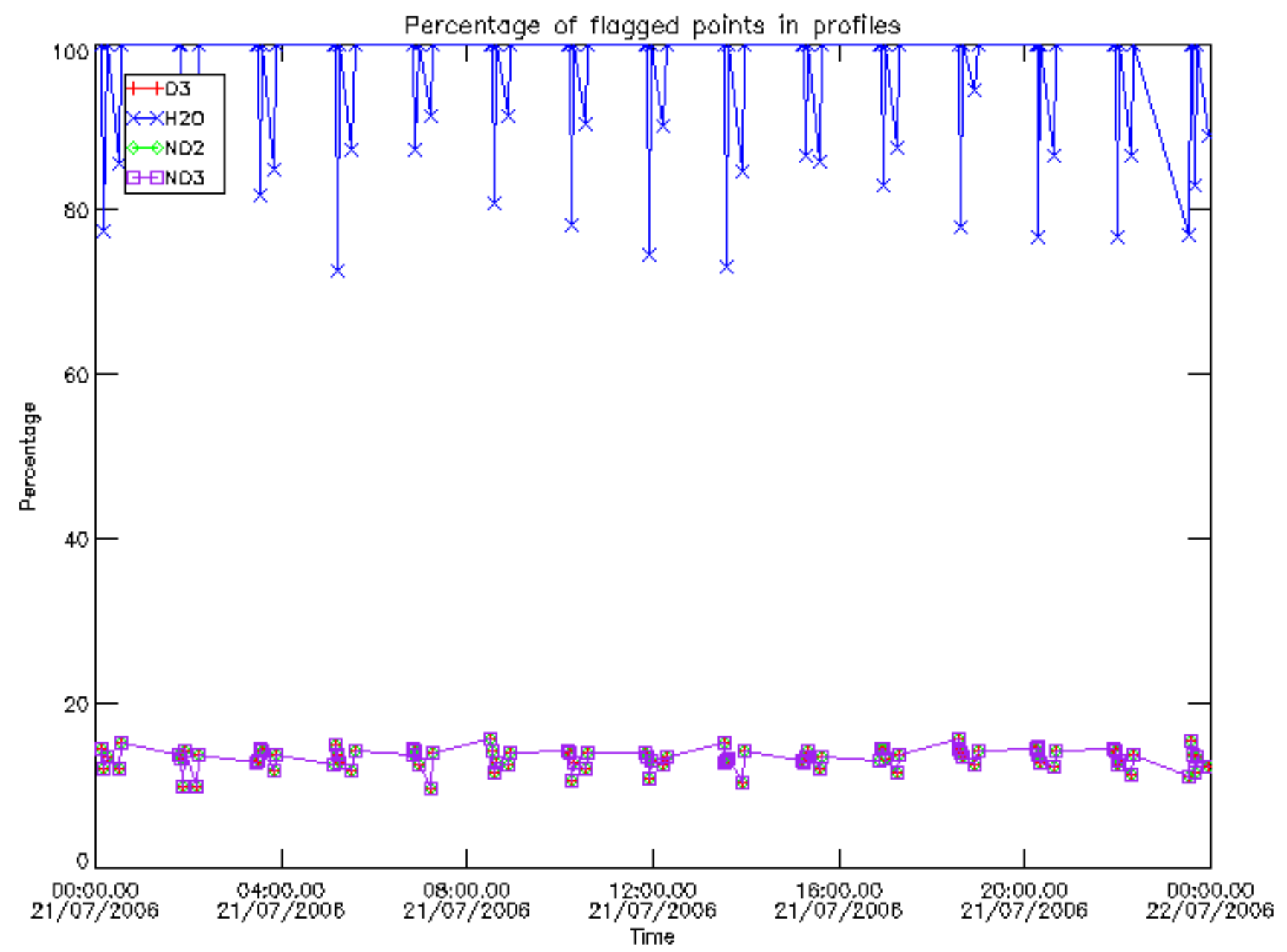






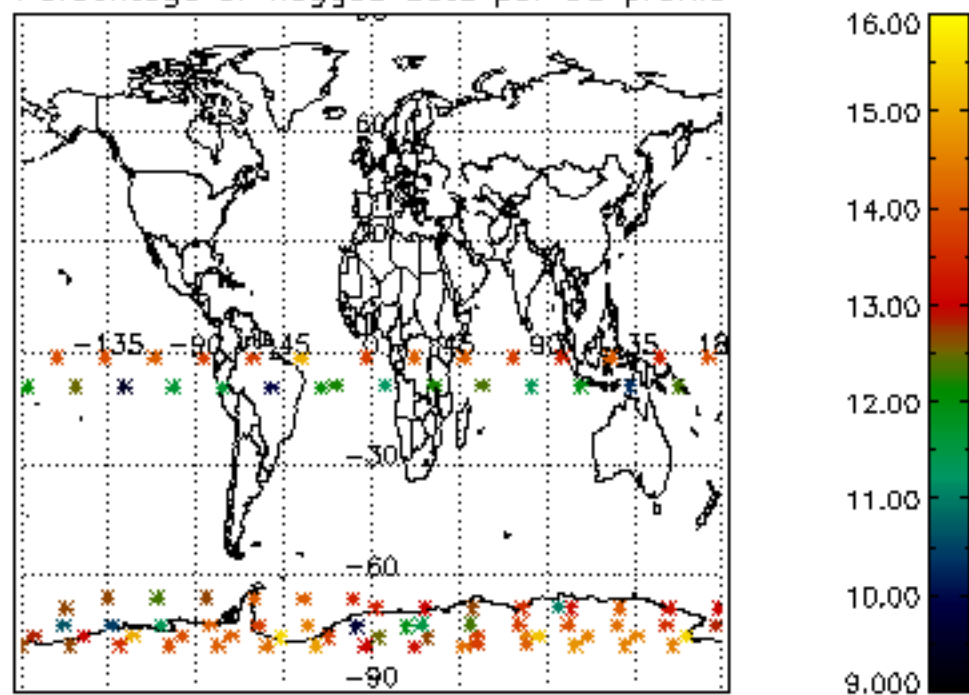




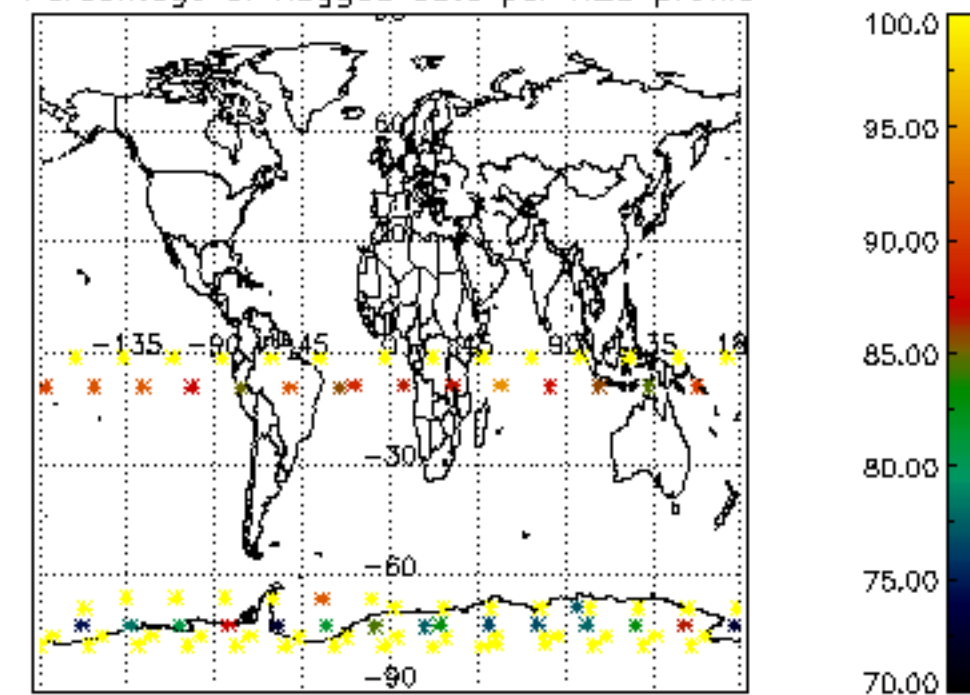




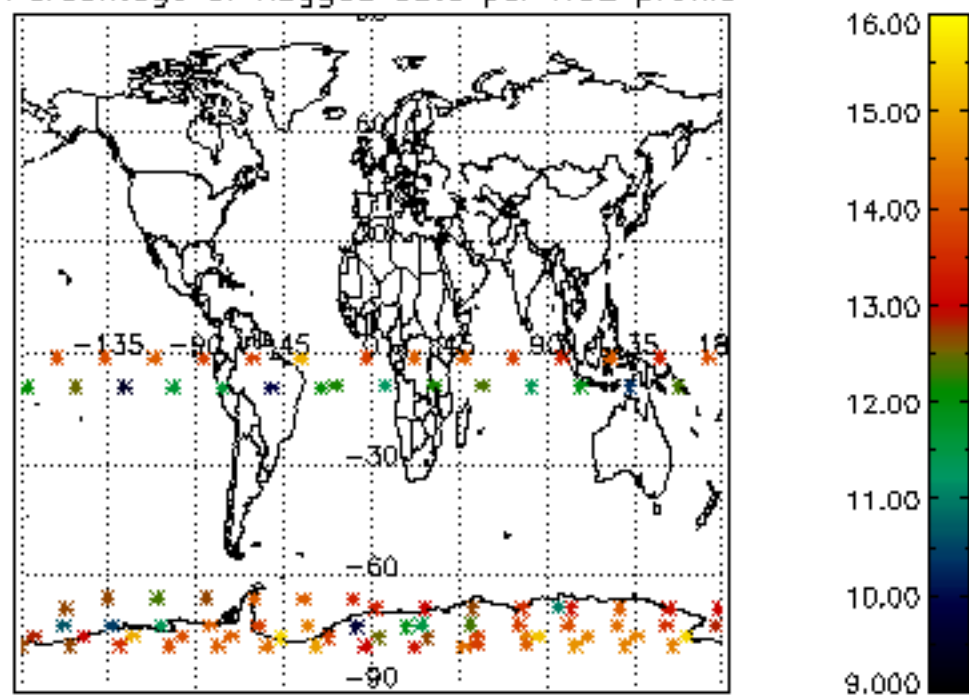
Percentage of flagged data per D3 profile



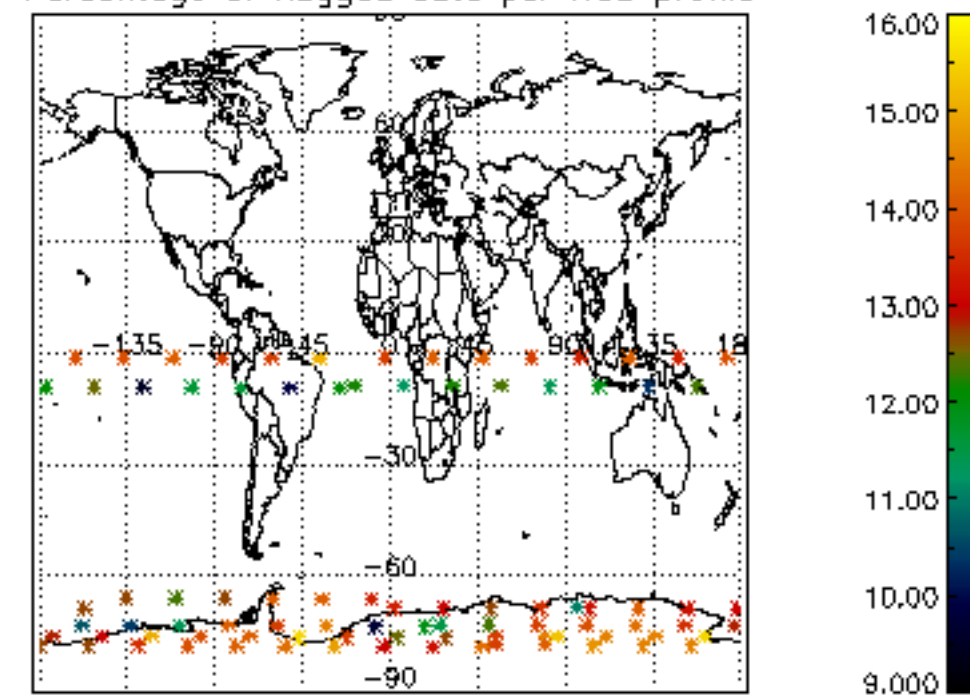
Percentage of flagged data per H2O profile

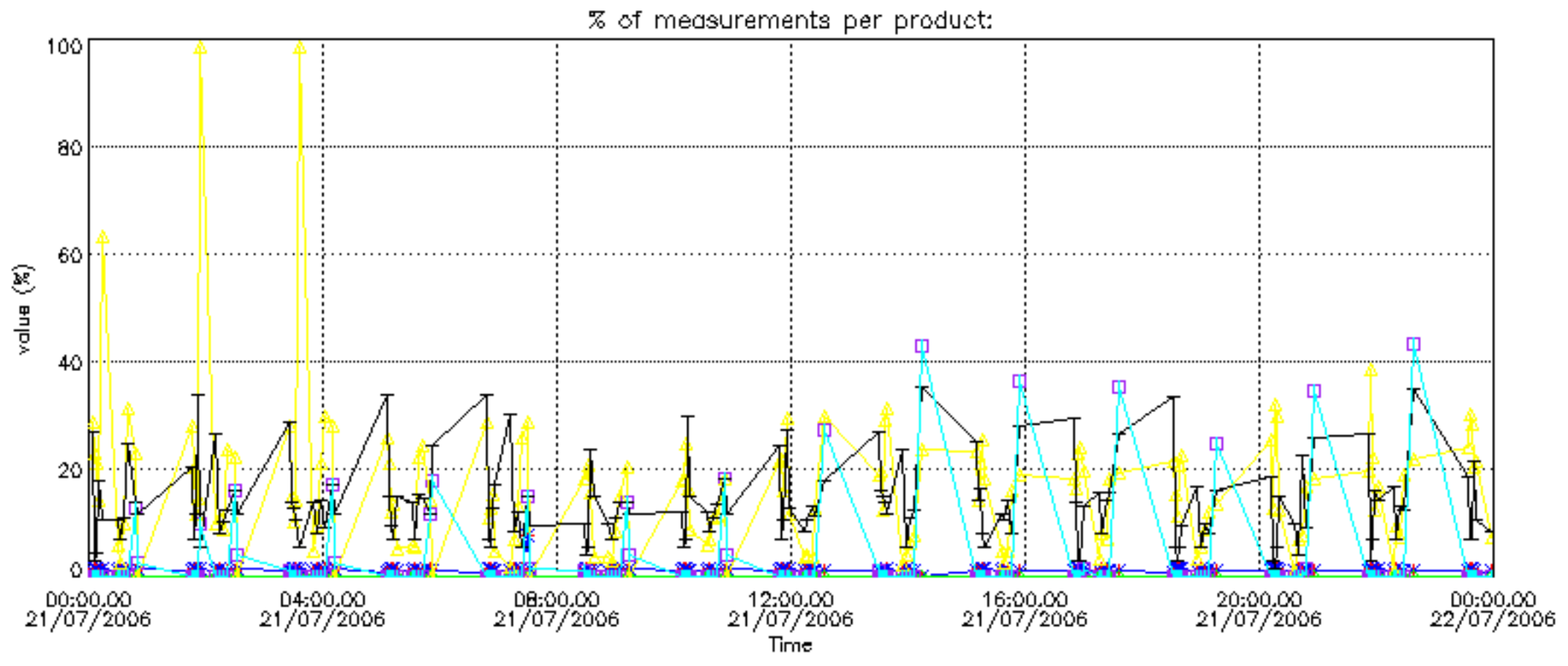


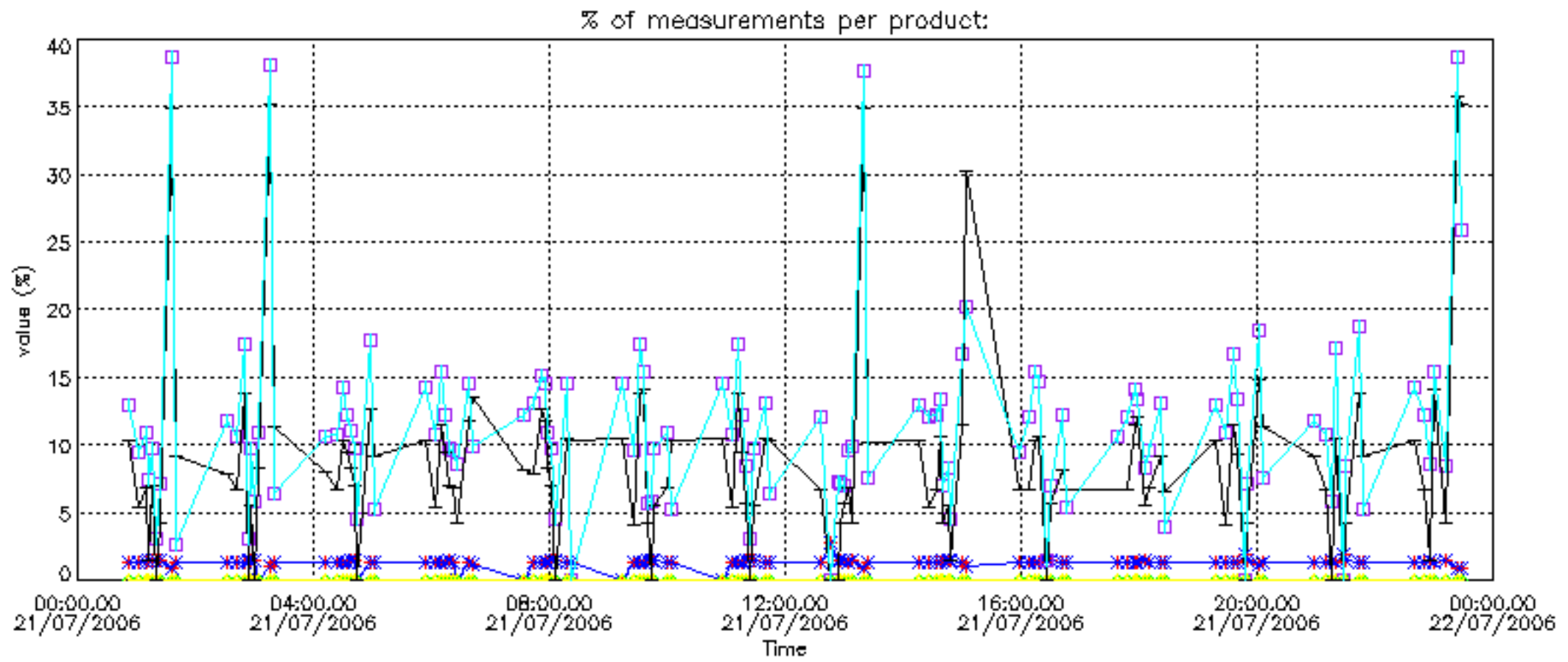
Percentage of flagged data per NO2 profile



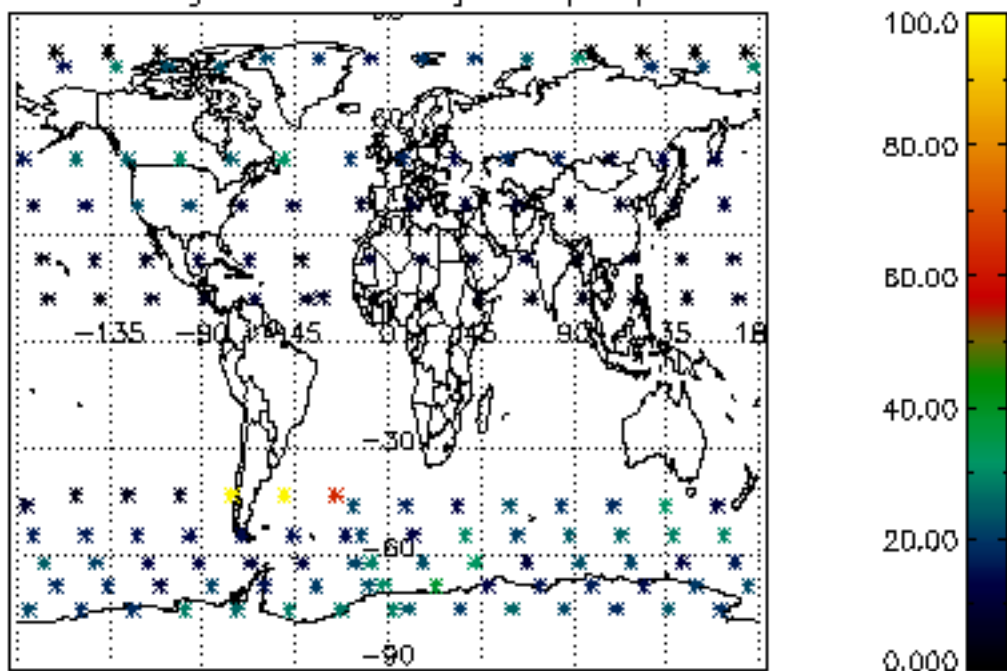
Percentage of flagged data per NO3 profile



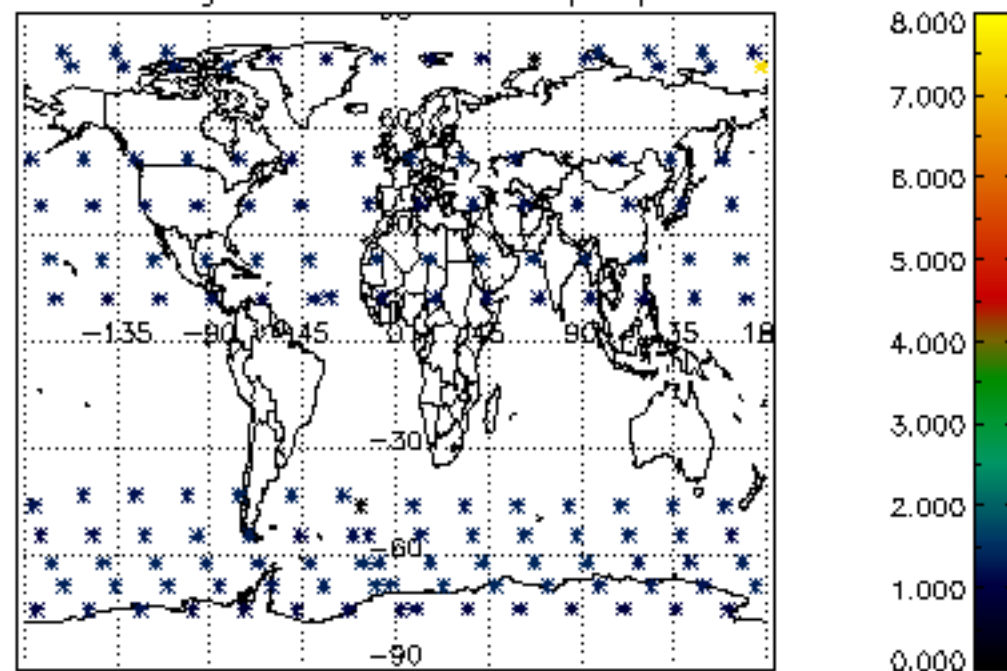




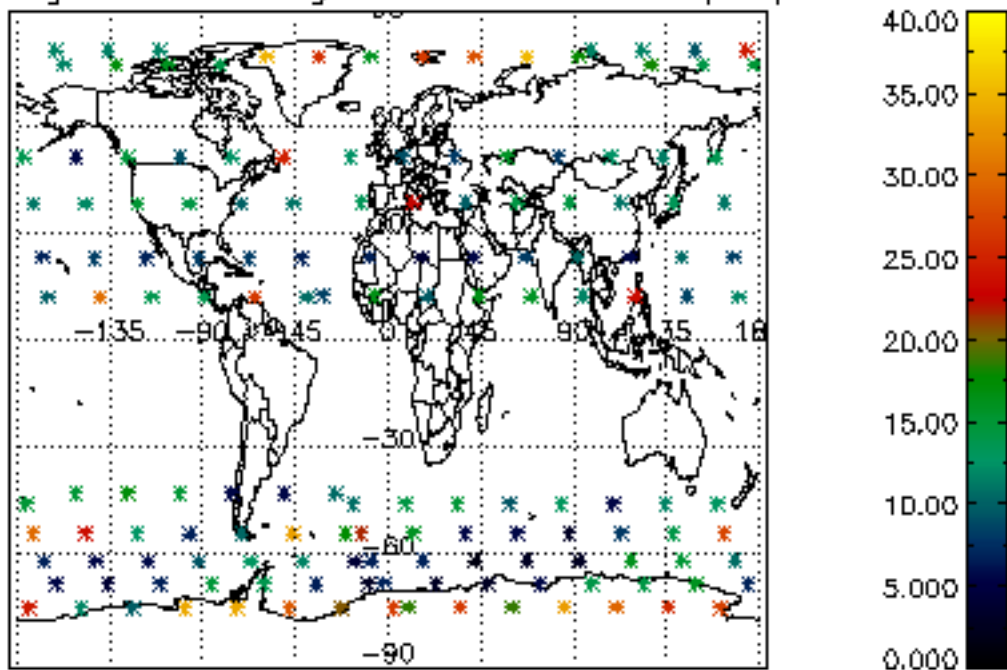
Percentage of cosmic ray hits per profile



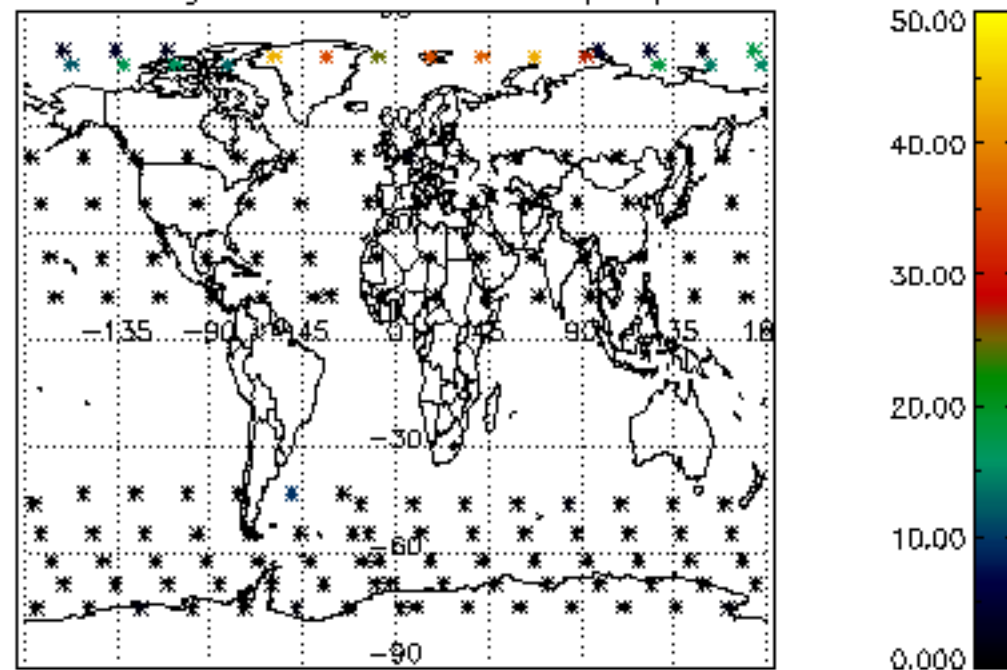
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

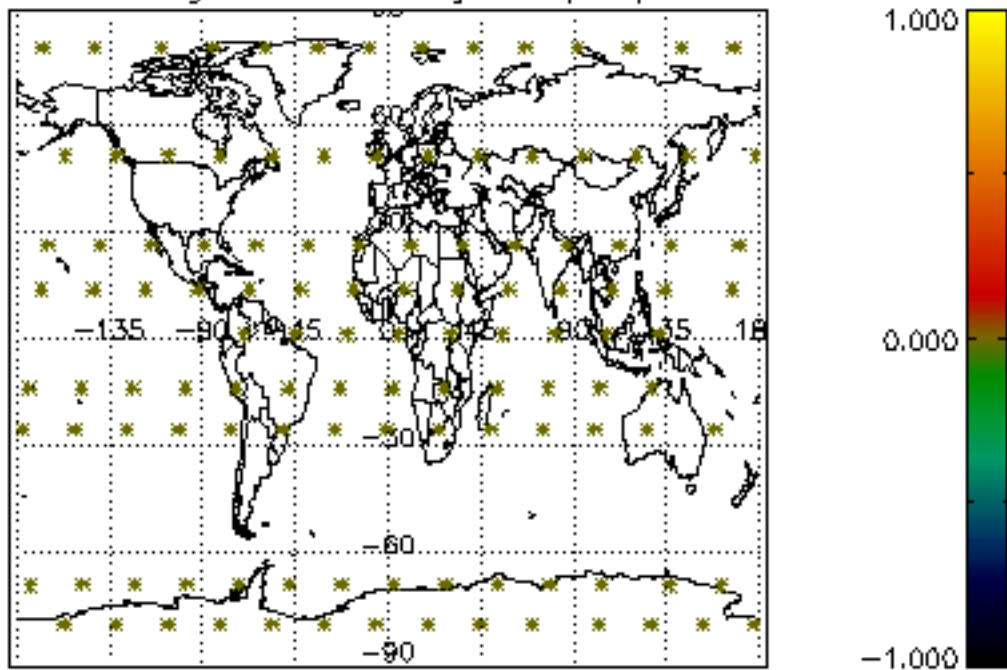


Percentage of saturation errors per profile

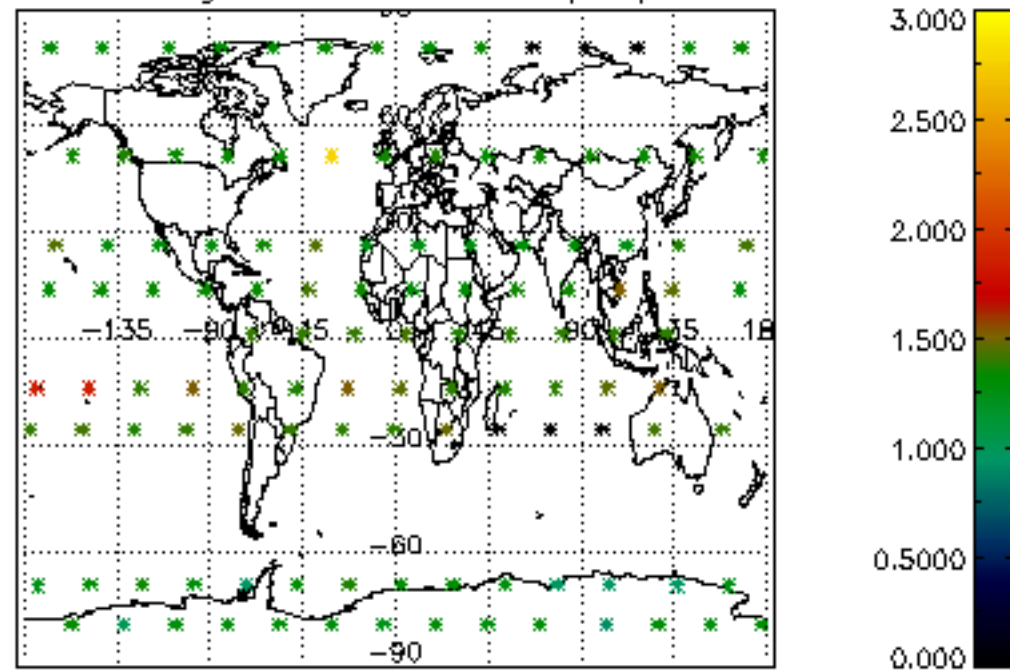




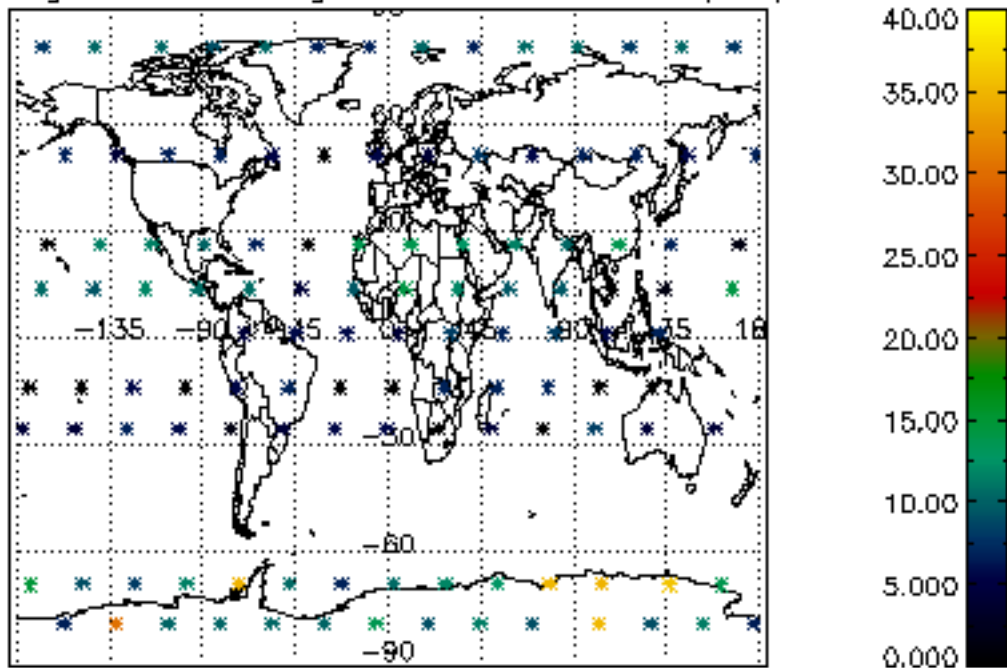
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

