

# GOMOS Level 2 Daily Report

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

Item	Value
Time of report generation	25APR2013 14:47:32
Data source version	GOMOS/6.01
Start time of products	27-05-2008 (27MAY2008 00:00:00)
Stop time of products	28-05-2008 (28MAY2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	315
Nb of prods with errors	1

## 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__2PRFIN20080527_000035_000000472069_00002_32621_3301.N1	27-MAY-2008 00:00:35	Twilight	47.000	75	26Eps Sco	2.2910	4250.0	94	32621	No
2	GOM_NL__2PRFIN20080527_000242_000000432069_00002_32621_3302.N1	27-MAY-2008 00:02:42	Twilight	43.000	136	23Tau Sco	2.8220	30000.	86	32621	No
3	GOM_NL__2PRFIN20080527_000452_000000412069_00002_32621_3303.N1	27-MAY-2008 00:04:52	Bright	40.500	80	7Del Sco	2.3160	30000.	81	32621	No
4	GOM_NL__2PRFIN20080527_000631_000000482069_00002_32621_3304.N1	27-MAY-2008 00:06:31	Bright	47.500	86	35Eta Oph	2.4300	10200.	95	32621	No
5	GOM_NL__2PRFIN20080527_000906_000000372069_00002_32621_3305.N1	27-MAY-2008 00:09:06	Bright	36.500	104	27Bet Lib	2.6140	13100.	73	32621	No
6	GOM_NL__2PRFIN20080527_001042_000000422069_00002_32621_3306.N1	27-MAY-2008 00:10:42	Bright	41.500	120	1Del Oph	2.7340	3200.0	83	32621	No
7	GOM_NL__2PRFIN20080527_001345_000000382069_00002_32621_3307.N1	27-MAY-2008 00:13:45	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	32621	No
8	GOM_NL__2PRFIN20080527_001946_000000392069_00002_32621_3308.N1	27-MAY-2008 00:19:46	Bright	39.000	67	5Alp CrB	2.2210	11000.	78	32621	No
9	GOM_NL__2PRFIN20080527_002253_000000442069_00002_32621_3309.N1	27-MAY-2008 00:22:53	Bright	43.500	133	40Zet Her	2.8070	6000.0	87	32621	No
10	GOM_NL__2PRFIN20080527_003032_000000402069_00002_32621_3310.N1	27-MAY-2008 00:30:32	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	32621	No
11	GOM_NL__2PRFIN20080527_003255_000000332069_00002_32621_3311.N1	27-MAY-2008 00:32:55	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	32621	No
12	GOM_NL__2PRFIN20080527_004114_000000452069_00002_32621_3312.N1	27-MAY-2008 00:41:14	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	32621	No
13	GOM_NL__2PRFIN20080527_004540_000000382069_00002_32621_3313.N1	27-MAY-2008 00:45:40	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	32621	No
14	GOM_NL__2PRFIN20080527_005313_000000392069_00002_32621_3314.N1	27-MAY-2008 00:53:13	Bright	39.000	53	43Bet And	2.0480	3300.0	78	32621	No
15	GOM_NL__2PRFIN20080527_005549_000000492069_00002_32621_3315.N1	27-MAY-2008 00:55:49	Twilight	48.500	58	21Alp And	2.0730	11000.	97	32621	No
16	GOM_NL__2PRFIN20080527_010027_000000502069_00002_32621_3316.N1	27-MAY-2008 01:00:27	Dark	50.000	140	88Gam Peg	2.8340	26000.	100	32621	No
17	GOM_NL__2PRFIN20080527_010921_000000452069_00002_32621_3317.N1	27-MAY-2008 01:09:21	Dark	44.500	52	16Bet Cet	2.0370	4500.0	89	32621	No
18	GOM_NL__2PRFIN20080527_012104_000000512069_00003_32622_3301.N1	27-MAY-2008 01:21:04	Dark	51.000	63	Bet Gru	2.1500	2800.0	102	32622	No
19	GOM_NL__2PRFIN20080527_012250_000000462069_00003_32622_3302.N1	27-MAY-2008 01:22:50	Dark	46.000	31	Alp Gru	1.7340	15200.	92	32622	No
20	GOM_NL__2PRFIN20080527_012804_000000412069_00003_32622_3303.N1	27-MAY-2008 01:28:04	Dark	41.000	45	Alp Pav	1.9400	26000.	82	32622	No
21	GOM_NL__2PRFIN20080527_013435_000000432069_00003_32622_3304.N1	27-MAY-2008 01:34:35	Straylight	42.500	141	Bet Ara	2.8400	4600.0	85	32622	No
22	GOM_NL__2PRFIN20080527_013727_000000472069_00003_32622_3305.N1	27-MAY-2008 01:37:27	Straylight	47.000	40	The Sco	1.8590	7100.0	94	32622	No
23	GOM_NL__2PRFIN20080527_013916_000000482069_00003_32622_3306.N1	27-MAY-2008 01:39:16	Straylight	48.000	25	35Lam Sco	1.6200	28000.	96	32622	No
24	GOM_NL__2PRFIN20080527_014318_000000422069_00003_32622_3307.N1	27-MAY-2008 01:43:18	Twilight	42.000	136	23Tau Sco	2.8220	30000.	84	32622	No
25	GOM_NL__2PRFIN20080527_014528_000000442069_00003_32622_3308.N1	27-MAY-2008 01:45:28	Bright	43.500	80	7Del Sco	2.3160	30000.	87	32622	No
26	GOM_NL__2PRFIN20080527_014707_000000502069_00003_32622_3309.N1	27-MAY-2008 01:47:07	Bright	49.500	86	35Eta Oph	2.4300	10200.	99	32622	No
27	GOM_NL__2PRFIN20080527_014941_000000372069_00003_32622_3310.N1	27-MAY-2008 01:49:41	Bright	37.000	104	27Bet Lib	2.6140	13100.	74	32622	No
28	GOM_NL__2PRFIN20080527_015118_000000422069_00003_32622_3311.N1	27-MAY-2008 01:51:18	Bright	41.500	120	1Del Oph	2.7340	3200.0	83	32622	No
29	GOM_NL__2PRFIN20080527_015420_000000392069_00003_32622_3312.N1	27-MAY-2008 01:54:20	Bright	38.500	102	24Alp Ser	2.6000	4250.0	77	32622	No
30	GOM_NL__2PRFIN20080527_020022_000000362069_00003_32622_3313.N1	27-MAY-2008 02:00:22	Bright	36.000	67	5Alp CrB	2.2210	11000.	72	32622	No
31	GOM_NL__2PRFIN20080527_020328_000000472069_00003_32622_3314.N1	27-MAY-2008 02:03:28	Bright	46.500	133	40Zet Her	2.8070	6000.0	93	32622	No
32	GOM_NL__2PRFIN20080527_021108_000000392069_00003_32622_3315.N1	27-MAY-2008 02:11:08	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	32622	No
33	GOM_NL__2PRFIN20080527_021331_000000372069_00003_32622_3316.N1	27-MAY-2008 02:13:31	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	32622	No
34	GOM_NL__2PRFIN20080527_022149_000000462069_00003_32622_3317.N1	27-MAY-2008 02:21:49	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	32622	No
35	GOM_NL__2PRFIN20080527_022616_000000552069_00003_32622_3318.N1	27-MAY-2008 02:26:16	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	32622	No
36	GOM_NL__2PRFIN20080527_023349_000000402069_00003_32622_3319.N1	27-MAY-2008 02:33:49	Bright	40.000	53	43Bet And	2.0480	3300.0	80	32622	No
37	GOM_NL__2PRFIN20080527_023625_000000532069_00003_32622_3320.N1	27-MAY-2008 02:36:25	Twilight	52.500	58	21Alp And	2.0730	11000.	105	32622	No
38	GOM_NL__2PRFIN20080527_024104_000000462069_00003_32622_3321.N1	27-MAY-2008 02:41:04	Dark	45.500	140	88Gam Peg	2.8340	26000.	91	32622	No
39	GOM_NL__2PRFIN20080527_024957_000000462069_00003_32622_3322.N1	27-MAY-2008 02:49:57	Dark	45.500	52	16Bet Cet	2.0370	4500.0	91	32622	No
40	GOM_NL__2PRFIN20080527_030141_000000502069_00004_32623_3307.N1	27-MAY-2008 03:01:41	Dark	50.000	63	Bet Gru	2.1500	2800.0	100	32623	No
41	GOM_NL__2PRFIN20080527_030327_000000452069_00004_32623_3308.N1	27-MAY-2008 03:03:27	Dark	44.500	31	Alp Gru	1.7340	15200.	89	32623	No
42	GOM_NL__2PRFIN20080527_030840_000000432069_00004_32623_3309.N1	27-MAY-2008 03:08:40	Dark	42.500	45	Alp Pav	1.9400	26000.	85	32623	No

43	GOM_NL__2PRFIN20080527_031512_000000412069_00004_32623_3310.N1	27-MAY-2008 03:15:12	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	32623	No
44	GOM_NL__2PRFIN20080527_031803_000000462069_00004_32623_3311.N1	27-MAY-2008 03:18:03	Straylight	46.000	40	The Sco	1.8590	7100.0	92	32623	No
45	GOM_NL__2PRFIN20080527_031953_000000482069_00004_32623_3312.N1	27-MAY-2008 03:19:53	Straylight	48.000	25	35Lam Sco	1.6200	28000.	96	32623	No
46	GOM_NL__2PRFIN20080527_032147_000000512069_00004_32623_3313.N1	27-MAY-2008 03:21:47	Tw_i_and_stray	51.000	75	26Eps Sco	2.2910	4250.0	102	32623	No
47	GOM_NL__2PRFIN20080527_032354_000000452069_00004_32623_3314.N1	27-MAY-2008 03:23:54	Tw_i_and_stray	44.500	136	23Tau Sco	2.8220	30000.	89	32623	No
48	GOM_NL__2PRFIN20080527_032604_000000422069_00004_32623_3315.N1	27-MAY-2008 03:26:04	Bright	41.500	80	7Del Sco	2.3160	30000.	83	32623	No
49	GOM_NL__2PRFIN20080527_032743_000000472069_00004_32623_3316.N1	27-MAY-2008 03:27:43	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	32623	No
50	GOM_NL__2PRFIN20080527_033017_000000372069_00004_32623_3317.N1	27-MAY-2008 03:30:17	Bright	37.000	104	27Bet Lib	2.6140	13100.	74	32623	No
51	GOM_NL__2PRFIN20080527_033154_000000422069_00004_32623_3318.N1	27-MAY-2008 03:31:54	Bright	41.500	120	1Del Oph	2.7340	3200.0	83	32623	No
52	GOM_NL__2PRFIN20080527_033456_000000382069_00004_32623_3319.N1	27-MAY-2008 03:34:56	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	32623	No
53	GOM_NL__2PRFIN20080527_034057_000000392069_00004_32623_3320.N1	27-MAY-2008 03:40:57	Bright	38.500	67	5Alp CrB	2.2210	11000.	77	32623	No
54	GOM_NL__2PRFIN20080527_034403_000000452069_00004_32623_3321.N1	27-MAY-2008 03:44:03	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	32623	No
55	GOM_NL__2PRFIN20080527_035143_000000372069_00004_32623_3322.N1	27-MAY-2008 03:51:43	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	32623	No
56	GOM_NL__2PRFIN20080527_035407_000000332069_00004_32623_3323.N1	27-MAY-2008 03:54:07	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	32623	No
57	GOM_NL__2PRFIN20080527_040224_000000452069_00004_32623_3324.N1	27-MAY-2008 04:02:24	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	32623	No
58	GOM_NL__2PRFIN20080527_040652_000000532069_00004_32623_3325.N1	27-MAY-2008 04:06:52	Bright	52.500	76	27Gam Cas	2.3000	30000.	105	32623	No
59	GOM_NL__2PRFIN20080527_041425_000000412069_00004_32623_3326.N1	27-MAY-2008 04:14:25	Bright	41.000	53	43Bet And	2.0480	3300.0	82	32623	No
60	GOM_NL__2PRFIN20080527_041701_000000492069_00004_32623_3327.N1	27-MAY-2008 04:17:01	Tw_i_and_stray	48.500	58	21Alp And	2.0730	11000.	97	32623	No
61	GOM_NL__2PRFIN20080527_042140_000000492069_00004_32623_3328.N1	27-MAY-2008 04:21:40	Dark	49.000	140	88Gam Peg	2.8340	26000.	98	32623	No
62	GOM_NL__2PRFIN20080527_043033_000000472069_00004_32623_3329.N1	27-MAY-2008 04:30:33	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	32623	No
63	GOM_NL__2PRFIN20080527_044218_000000592069_00005_32624_3322.N1	27-MAY-2008 04:42:18	Dark	58.500	63	Bet Gru	2.1500	2800.0	117	32624	No
64	GOM_NL__2PRFIN20080527_044404_000000442069_00005_32624_3323.N1	27-MAY-2008 04:44:04	Dark	43.500	31	Alp Gru	1.7340	15200.	87	32624	No
65	GOM_NL__2PRFIN20080527_044917_000000432069_00005_32624_3324.N1	27-MAY-2008 04:49:17	Dark	42.500	45	Alp Pav	1.9400	26000.	85	32624	No
66	GOM_NL__2PRFIN20080527_045548_000000402069_00005_32624_3325.N1	27-MAY-2008 04:55:48	Straylight	39.500	141	Bet Ara	2.8400	4600.0	79	32624	No
67	GOM_NL__2PRFIN20080527_045840_000000462069_00005_32624_3326.N1	27-MAY-2008 04:58:40	Straylight	46.000	40	The Sco	1.8590	7100.0	92	32624	No
68	GOM_NL__2PRFIN20080527_050029_000000492069_00005_32624_3327.N1	27-MAY-2008 05:00:29	Straylight	49.000	25	35Lam Sco	1.6200	28000.	98	32624	No
69	GOM_NL__2PRFIN20080527_050224_000000482069_00005_32624_3328.N1	27-MAY-2008 05:02:24	Tw_i_and_stray	47.500	75	26Eps Sco	2.2910	4250.0	95	32624	No
70	GOM_NL__2PRFIN20080527_050430_000000412069_00005_32624_3329.N1	27-MAY-2008 05:04:30	Tw_i_and_stray	40.500	136	23Tau Sco	2.8220	30000.	81	32624	No
71	GOM_NL__2PRFIN20080527_050640_000000382069_00005_32624_3330.N1	27-MAY-2008 05:06:40	Bright	38.000	80	7Del Sco	2.3160	30000.	76	32624	No
72	GOM_NL__2PRFIN20080527_050819_000000492069_00005_32624_3331.N1	27-MAY-2008 05:08:19	Bright	49.000	86	35Eta Oph	2.4300	10200.	98	32624	No
73	GOM_NL__2PRFIN20080527_051054_000000362069_00005_32624_3332.N1	27-MAY-2008 05:10:54	Bright	35.500	104	27Bet Lib	2.6140	13100.	71	32624	No
74	GOM_NL__2PRFIN20080527_051230_000000422069_00005_32624_3333.N1	27-MAY-2008 05:12:30	Bright	41.500	120	1Del Oph	2.7340	3200.0	83	32624	No
75	GOM_NL__2PRFIN20080527_051532_000000382069_00005_32624_3334.N1	27-MAY-2008 05:15:32	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	32624	No
76	GOM_NL__2PRFIN20080527_052133_000000382069_00005_32624_3335.N1	27-MAY-2008 05:21:33	Bright	37.500	67	5Alp CrB	2.2210	11000.	75	32624	No
77	GOM_NL__2PRFIN20080527_052439_000000462069_00005_32624_3336.N1	27-MAY-2008 05:24:39	Bright	45.500	133	40Zet Her	2.8070	6000.0	91	32624	No
78	GOM_NL__2PRFIN20080527_053219_000000402069_00005_32624_3337.N1	27-MAY-2008 05:32:19	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	32624	No
79	GOM_NL__2PRFIN20080527_053443_000000372069_00005_32624_3338.N1	27-MAY-2008 05:34:43	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	32624	No
80	GOM_NL__2PRFIN20080527_054300_000000462069_00005_32624_3339.N1	27-MAY-2008 05:43:00	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	32624	No
81	GOM_NL__2PRFIN20080527_054728_000000352069_00005_32624_3340.N1	27-MAY-2008 05:47:28	Bright	35.000	76	27Gam Cas	2.3000	30000.	70	32624	No
82	GOM_NL__2PRFIN20080527_055501_000000402069_00005_32624_3341.N1	27-MAY-2008 05:55:01	Bright	40.000	53	43Bet And	2.0480	3300.0	80	32624	No
83	GOM_NL__2PRFIN20080527_055737_000000492069_00005_32624_3342.N1	27-MAY-2008 05:57:37	Tw_i_and_stray	48.500	58	21Alp And	2.0730	11000.	97	32624	No
84	GOM_NL__2PRFIN20080527_060216_000000482069_00005_32624_3343.N1	27-MAY-2008 06:02:16	Dark	47.500	140	88Gam Peg	2.8340	26000.	95	32624	No
85	GOM_NL__2PRFIN20080527_061110_000000462069_00005_32624_3344.N1	27-MAY-2008 06:11:10	Dark	46.000	52	16Bet Cet	2.0370	4500.0	92	32624	No
86	GOM_NL__2PRFIN20080527_062254_000000612069_00006_32625_3329.N1	27-MAY-2008 06:22:54	Dark	60.500	63	Bet Gru	2.1500	2800.0	121	32625	No
87	GOM_NL__2PRFIN20080527_062441_000000462069_00006_32625_3330.N1	27-MAY-2008 06:24:41	Dark	46.000	31	Alp Gru	1.7340	15200.	92	32625	No
88	GOM_NL__2PRFIN20080527_062954_000000422069_00006_32625_3331.N1	27-MAY-2008 06:29:54	Dark	42.000	45	Alp Pav	1.9400	26000.	84	32625	No
89	GOM_NL__2PRFIN20080527_063625_000000422069_00006_32625_3332.N1	27-MAY-2008 06:36:25	Straylight	41.500	141	Bet Ara	2.8400	4600.0	83	32625	No
90	GOM_NL__2PRFIN20080527_063916_000000482069_00006_32625_3333.N1	27-MAY-2008 06:39:16	Straylight	48.000	40	The Sco	1.8590	7100.0	96	32625	No
91	GOM_NL__2PRFIN20080527_064106_000000502069_00006_32625_3334.N1	27-MAY-2008 06:41:06	Tw_i_and_stray	49.500	25	35Lam Sco	1.6200	28000.	99	32625	No
92	GOM_NL__2PRFIN20080527_064300_000000502069_00006_32625_3335.N1	27-MAY-2008 06:43:00	Tw_i_and_stray	49.500	75	26Eps Sco	2.2910	4250.0	99	32625	No
93	GOM_NL__2PRFIN20080527_064507_000000432069_00006_32625_3336.N1	27-MAY-2008 06:45:07	Tw_i_and_stray	42.500	136	23Tau Sco	2.8220	30000.	85	32625	No
94	GOM_NL__2PRFIN20080527_064716_000000412069_00006_32625_3337.N1	27-MAY-2008 06:47:16	Bright	41.000	80	7Del Sco	2.3160	30000.	82	32625	No
95	GOM_NL__2PRFIN20080527_064855_000000462069_00006_32625_3338.N1	27-MAY-2008 06:48:55	Bright	45.500	86	35Eta Oph	2.4300	10200.	91	32625	No
96	GOM_NL__2PRFIN20080527_065130_000000372069_00006_32625_3339.N1	27-MAY-2008 06:51:30	Bright	36.500	104	27Bet Lib	2.6140	13100.	73	32625	No
97	GOM_NL__2PRFIN20080527_065306_000000422069_00006_32625_3340.N1	27-MAY-2008 06:53:06	Bright	41.500	120	1Del Oph	2.7340	3200.0	83	32625	No
98	GOM_NL__2PRFIN20080527_065608_000000382069_00006_32625_3341.N1	27-MAY-2008 06:56:08	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	32625	No
99	GOM_NL__2PRFIN20080527_070209_000000402069_00006_32625_3342.N1	27-MAY-2008 07:02:09	Bright	39.500	67	5Alp CrB	2.2210	11000.	79	32625	No
100	GOM_NL__2PRFIN20080527_070514_000000462069_00006_32625_3343.N1	27-MAY-2008 07:05:14	Bright	46.000	133	40Zet Her	2.8070	6000.0	92	32625	No
101	GOM_NL__2PRFIN20080527_071255_000000382069_00006_32625_3344.N1	27-MAY-2008 07:12:55	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	32625	No

102	GOM_NL__2PRFIN20080527_071518_000000372069_00006_32625_3345.N1	27-MAY-2008 07:15:18	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	32625	No
103	GOM_NL__2PRFIN20080527_072335_000000442069_00006_32625_3346.N1	27-MAY-2008 07:23:35	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	32625	No
104	GOM_NL__2PRFIN20080527_072804_000000552069_00006_32625_3347.N1	27-MAY-2008 07:28:04	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	32625	No
105	GOM_NL__2PRFIN20080527_073537_000000402069_00006_32625_3348.N1	27-MAY-2008 07:35:37	Bright	40.000	53	43Bet And	2.0480	3300.0	80	32625	No
106	GOM_NL__2PRFIN20080527_073813_000000512069_00006_32625_3349.N1	27-MAY-2008 07:38:13	Twilight	51.000	58	21Alp And	2.0730	11000.	102	32625	No
107	GOM_NL__2PRFIN20080527_074253_000000492069_00006_32625_3350.N1	27-MAY-2008 07:42:53	Dark	48.500	140	88Gam Peg	2.8340	26000.	97	32625	No
108	GOM_NL__2PRFIN20080527_075146_000000462069_00006_32625_3351.N1	27-MAY-2008 07:51:46	Dark	45.500	52	16Bet Cet	2.0370	4500.0	91	32625	No
109	GOM_NL__2PRFIN20080527_080331_000000592069_00007_32626_3336.N1	27-MAY-2008 08:03:31	Dark	58.500	63	Bet Gru	2.1500	2800.0	117	32626	No
110	GOM_NL__2PRFIN20080527_080518_000000432069_00007_32626_3337.N1	27-MAY-2008 08:05:18	Dark	43.000	31	Alp Gru	1.7340	15200.	86	32626	No
111	GOM_NL__2PRFIN20080527_081030_000000422069_00007_32626_3338.N1	27-MAY-2008 08:10:30	Dark	41.500	45	Alp Pav	1.9400	26000.	83	32626	No
112	GOM_NL__2PRFIN20080527_081701_000000422069_00007_32626_3339.N1	27-MAY-2008 08:17:01	Straylight	41.500	141	Bet Ara	2.8400	4600.0	83	32626	No
113	GOM_NL__2PRFIN20080527_081953_000000452069_00007_32626_3340.N1	27-MAY-2008 08:19:53	Straylight	44.500	40	The Sco	1.8590	7100.0	89	32626	No
114	GOM_NL__2PRFIN20080527_082142_000000472069_00007_32626_3341.N1	27-MAY-2008 08:21:42	Straylight	47.000	25	35Lam Sco	1.6200	28000.	94	32626	No
115	GOM_NL__2PRFIN20080527_082336_000000432069_00007_32626_3342.N1	27-MAY-2008 08:23:36	Twilight	43.000	75	26Eps Sco	2.2910	4250.0	86	32626	No
116	GOM_NL__2PRFIN20080527_082543_000000422069_00007_32626_3343.N1	27-MAY-2008 08:25:43	Twilight	42.000	136	23Tau Sco	2.8220	30000.	84	32626	No
117	GOM_NL__2PRFIN20080527_082753_000000402069_00007_32626_3344.N1	27-MAY-2008 08:27:53	Bright	40.000	80	7Del Sco	2.3160	30000.	80	32626	No
118	GOM_NL__2PRFIN20080527_082931_000000472069_00007_32626_3345.N1	27-MAY-2008 08:29:31	Bright	46.500	86	35Eta Oph	2.4300	10200.	93	32626	No
119	GOM_NL__2PRFIN20080527_083206_000000372069_00007_32626_3346.N1	27-MAY-2008 08:32:06	Bright	36.500	104	27Bet Lib	2.6140	13100.	73	32626	No
120	GOM_NL__2PRFIN20080527_083342_000000422069_00007_32626_3347.N1	27-MAY-2008 08:33:42	Bright	41.500	120	1Del Oph	2.7340	3200.0	83	32626	No
121	GOM_NL__2PRFIN20080527_083644_000000382069_00007_32626_3348.N1	27-MAY-2008 08:36:44	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	32626	No
122	GOM_NL__2PRFIN20080527_084245_000000382069_00007_32626_3349.N1	27-MAY-2008 08:42:45	Bright	37.500	67	5Alp CrB	2.2210	11000.	75	32626	No
123	GOM_NL__2PRFIN20080527_084549_000000432069_00007_32626_3350.N1	27-MAY-2008 08:45:49	Bright	42.500	133	40Zet Her	2.8070	6000.0	85	32626	No
124	GOM_NL__2PRFIN20080527_085330_000000402069_00007_32626_3351.N1	27-MAY-2008 08:53:30	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	32626	No
125	GOM_NL__2PRFIN20080527_085554_000000342069_00007_32626_3352.N1	27-MAY-2008 08:55:54	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	32626	No
126	GOM_NL__2PRFIN20080527_090411_000000472069_00007_32626_3353.N1	27-MAY-2008 09:04:11	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	32626	No
127	GOM_NL__2PRFIN20080527_090840_000000552069_00007_32626_3354.N1	27-MAY-2008 09:08:40	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	32626	No
128	GOM_NL__2PRFIN20080527_091613_000000552069_00007_32626_3355.N1	27-MAY-2008 09:16:13	Bright	55.000	53	43Bet And	2.0480	3300.0	110	32626	No
129	GOM_NL__2PRFIN20080527_091850_000000492069_00007_32626_3356.N1	27-MAY-2008 09:18:50	Twilight	48.500	58	21Alp And	2.0730	11000.	97	32626	No
130	GOM_NL__2PRFIN20080527_092329_000000492069_00007_32626_3357.N1	27-MAY-2008 09:23:29	Dark	49.000	140	88Gam Peg	2.8340	26000.	98	32626	No
131	GOM_NL__2PRFIN20080527_093223_000000472069_00007_32626_3358.N1	27-MAY-2008 09:32:23	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	32626	No
132	GOM_NL__2PRFIN20080527_094555_000000452069_00008_32627_3343.N1	27-MAY-2008 09:45:55	Dark	45.000	31	Alp Gru	1.7340	15200.	90	32627	No
133	GOM_NL__2PRFIN20080527_095107_000000412069_00008_32627_3344.N1	27-MAY-2008 09:51:07	Dark	40.500	45	Alp Pav	1.9400	26000.	81	32627	No
134	GOM_NL__2PRFIN20080527_095737_000000392069_00008_32627_3345.N1	27-MAY-2008 09:57:37	Straylight	39.000	141	Bet Ara	2.8400	4600.0	78	32627	No
135	GOM_NL__2PRFIN20080527_100029_000000492069_00008_32627_3346.N1	27-MAY-2008 10:00:29	Straylight	49.000	40	The Sco	1.8590	7100.0	98	32627	No
136	GOM_NL__2PRFIN20080527_100219_000000482069_00008_32627_3347.N1	27-MAY-2008 10:02:19	Twilight	48.000	25	35Lam Sco	1.6200	28000.	96	32627	No
137	GOM_NL__2PRFIN20080527_100413_000000462069_00008_32627_3348.N1	27-MAY-2008 10:04:13	Twilight	45.500	75	26Eps Sco	2.2910	4250.0	91	32627	No
138	GOM_NL__2PRFIN20080527_100619_000000442069_00008_32627_3349.N1	27-MAY-2008 10:06:19	Twilight	43.500	136	23Tau Sco	2.8220	30000.	87	32627	No
139	GOM_NL__2PRFIN20080527_100829_000000402069_00008_32627_3350.N1	27-MAY-2008 10:08:29	Bright	40.000	80	7Del Sco	2.3160	30000.	80	32627	No
140	GOM_NL__2PRFIN20080527_101007_000000492069_00008_32627_3351.N1	27-MAY-2008 10:10:07	Bright	48.500	86	35Eta Oph	2.4300	10200.	97	32627	No
141	GOM_NL__2PRFIN20080527_101242_000000362069_00008_32627_3352.N1	27-MAY-2008 10:12:42	Bright	35.500	104	27Bet Lib	2.6140	13100.	71	32627	No
142	GOM_NL__2PRFIN20080527_101418_000000422069_00008_32627_3353.N1	27-MAY-2008 10:14:18	Bright	41.500	120	1Del Oph	2.7340	3200.0	83	32627	No
143	GOM_NL__2PRFIN20080527_101720_000000382069_00008_32627_3354.N1	27-MAY-2008 10:17:20	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	32627	No
144	GOM_NL__2PRFIN20080527_102321_000000402069_00008_32627_3355.N1	27-MAY-2008 10:23:21	Bright	39.500	67	5Alp CrB	2.2210	11000.	79	32627	No
145	GOM_NL__2PRFIN20080527_102625_000000452069_00008_32627_3356.N1	27-MAY-2008 10:26:25	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	32627	No
146	GOM_NL__2PRFIN20080527_103406_000000402069_00008_32627_3357.N1	27-MAY-2008 10:34:06	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	32627	No
147	GOM_NL__2PRFIN20080527_103630_000000382069_00008_32627_3358.N1	27-MAY-2008 10:36:30	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	32627	No
148	GOM_NL__2PRFIN20080527_104446_000000452069_00008_32627_3359.N1	27-MAY-2008 10:44:46	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	32627	No
149	GOM_NL__2PRFIN20080527_104916_000000452069_00008_32627_3360.N1	27-MAY-2008 10:49:16	Bright	44.500	76	27Gam Cas	2.3000	30000.	89	32627	No
150	GOM_NL__2PRFIN20080527_105649_000000522069_00008_32627_3361.N1	27-MAY-2008 10:56:49	Bright	52.000	53	43Bet And	2.0480	3300.0	104	32627	No
151	GOM_NL__2PRFIN20080527_105926_000000512069_00008_32627_3362.N1	27-MAY-2008 10:59:26	Twilight	51.000	58	21Alp And	2.0730	11000.	102	32627	No
152	GOM_NL__2PRFIN20080527_110406_000000472069_00008_32627_3363.N1	27-MAY-2008 11:04:06	Dark	46.500	140	88Gam Peg	2.8340	26000.	93	32627	No
153	GOM_NL__2PRFIN20080527_111259_000000452069_00008_32627_3364.N1	27-MAY-2008 11:12:59	Dark	45.000	52	16Bet Cet	2.0370	4500.0	90	32627	No
154	GOM_NL__2PRFIN20080527_112631_000000432069_00009_32628_3348.N1	27-MAY-2008 11:26:31	Dark	42.500	31	Alp Gru	1.7340	15200.	85	32628	No
155	GOM_NL__2PRFIN20080527_113144_000000412069_00009_32628_3349.N1	27-MAY-2008 11:31:44	Dark	41.000	45	Alp Pav	1.9400	26000.	82	32628	No
156	GOM_NL__2PRFIN20080527_113814_000000432069_00009_32628_3350.N1	27-MAY-2008 11:38:14	Straylight	42.500	141	Bet Ara	2.8400	4600.0	85	32628	No
157	GOM_NL__2PRFIN20080527_114105_000000452069_00009_32628_3351.N1	27-MAY-2008 11:41:05	Straylight	45.000	40	The Sco	1.8590	7100.0	90	32628	No
158	GOM_NL__2PRFIN20080527_114255_000000492069_00009_32628_3352.N1	27-MAY-2008 11:42:55	Twilight	49.000	25	35Lam Sco	1.6200	28000.	98	32628	No
159	GOM_NL__2PRFIN20080527_114449_000000502069_00009_32628_3353.N1	27-MAY-2008 11:44:49	Twilight	49.500	75	26Eps Sco	2.2910	4250.0	99	32628	No
160	GOM_NL__2PRFIN20080527_114655_000000482069_00009_32628_3354.N1	27-MAY-2008 11:46:55	Twilight	47.500	136	23Tau Sco	2.8220	30000.	95	32628	No



161	GOM_NL__2PRFIN20080527_114905_000000412069_00009_32628_3355.N1	27-MAY-2008 11:49:05	Bright	40.500	80	7Del Sco	2.3160	30000.	81	32628	No
162	GOM_NL__2PRFIN20080527_115043_000000492069_00009_32628_3356.N1	27-MAY-2008 11:50:43	Bright	48.500	86	35Eta Oph	2.4300	10200.	97	32628	No
163	GOM_NL__2PRFIN20080527_115319_000000352069_00009_32628_3357.N1	27-MAY-2008 11:53:19	Bright	34.500	104	27Bet Lib	2.6140	13100.	69	32628	No
164	GOM_NL__2PRFIN20080527_115453_000000412069_00009_32628_3358.N1	27-MAY-2008 11:54:53	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	32628	No
165	GOM_NL__2PRFIN20080527_115756_000000382069_00009_32628_3359.N1	27-MAY-2008 11:57:56	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	32628	No
166	GOM_NL__2PRFIN20080527_120356_000000372069_00009_32628_3360.N1	27-MAY-2008 12:03:56	Bright	36.500	67	5Alp CrB	2.2210	11000.	73	32628	No
167	GOM_NL__2PRFIN20080527_120700_000000462069_00009_32628_3361.N1	27-MAY-2008 12:07:00	Bright	45.500	133	40Zet Her	2.8070	6000.0	91	32628	No
168	GOM_NL__2PRFIN20080527_121441_000000402069_00009_32628_3362.N1	27-MAY-2008 12:14:41	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	32628	No
169	GOM_NL__2PRFIN20080527_121706_000000392069_00009_32628_3363.N1	27-MAY-2008 12:17:06	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	32628	No
170	GOM_NL__2PRFIN20080527_122521_000000452069_00009_32628_3364.N1	27-MAY-2008 12:25:21	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	32628	No
171	GOM_NL__2PRFIN20080527_122951_000000352069_00009_32628_3365.N1	27-MAY-2008 12:29:51	Bright	35.000	76	27Gam Cas	2.3000	30000.	70	32628	No
172	GOM_NL__2PRFIN20080527_123725_000000412069_00009_32628_3366.N1	27-MAY-2008 12:37:25	Bright	41.000	53	43Bet And	2.0480	3300.0	82	32628	No
173	GOM_NL__2PRFIN20080527_124002_000000532069_00009_32628_3367.N1	27-MAY-2008 12:40:02	Twi_and_stray	52.500	58	21Alp And	2.0730	11000.	105	32628	No
174	GOM_NL__2PRFIN20080527_124442_000000492069_00009_32628_3368.N1	27-MAY-2008 12:44:42	Dark	48.500	140	88Gam Peg	2.8340	26000.	97	32628	No
175	GOM_NL__2PRFIN20080527_125336_000000482069_00009_32628_3369.N1	27-MAY-2008 12:53:36	Dark	48.000	52	16Bet Cet	2.0370	4500.0	96	32628	No
176	GOM_NL__2PRFIN20080527_130521_000000492069_00010_32629_3362.N1	27-MAY-2008 13:05:21	Dark	48.500	63	Bet Gru	2.1500	2800.0	97	32629	No
177	GOM_NL__2PRFIN20080527_130708_000000462069_00010_32629_3363.N1	27-MAY-2008 13:07:08	Dark	46.000	31	Alp Gru	1.7340	15200.	92	32629	No
178	GOM_NL__2PRFIN20080527_131220_000000422069_00010_32629_3364.N1	27-MAY-2008 13:12:20	Dark	42.000	45	Alp Pav	1.9400	26000.	84	32629	No
179	GOM_NL__2PRFIN20080527_131850_000000442069_00010_32629_3365.N1	27-MAY-2008 13:18:50	Straylight	43.500	141	Bet Ara	2.8400	4600.0	87	32629	No
180	GOM_NL__2PRFIN20080527_132142_000000442069_00010_32629_3366.N1	27-MAY-2008 13:21:42	Straylight	43.500	40	The Sco	1.8590	7100.0	87	32629	No
181	GOM_NL__2PRFIN20080527_132331_000000472069_00010_32629_3367.N1	27-MAY-2008 13:23:31	Twi_and_stray	46.500	25	35Lam Sco	1.6200	28000.	93	32629	No
182	GOM_NL__2PRFIN20080527_132525_000000442069_00010_32629_3368.N1	27-MAY-2008 13:25:25	Twi_and_stray	44.000	75	26Eps Sco	2.2910	4250.0	88	32629	No
183	GOM_NL__2PRFIN20080527_132731_000000432069_00010_32629_3369.N1	27-MAY-2008 13:27:31	Twi_and_stray	43.000	136	23Tau Sco	2.8220	30000.	86	32629	No
184	GOM_NL__2PRFIN20080527_132941_000000392069_00010_32629_3370.N1	27-MAY-2008 13:29:41	Bright	39.000	80	7Del Sco	2.3160	30000.	78	32629	No
185	GOM_NL__2PRFIN20080527_133119_000000492069_00010_32629_3371.N1	27-MAY-2008 13:31:19	Bright	49.000	86	35Eta Oph	2.4300	10200.	98	32629	No
186	GOM_NL__2PRFIN20080527_133402_000000282069_00010_32629_3372.N1	27-MAY-2008 13:34:02	Dark	27.500	104	27Bet Lib	2.6140	13100.	55	32629	Yes
187	GOM_NL__2PRFIN20080527_133529_000000422069_00010_32629_3373.N1	27-MAY-2008 13:35:29	Bright	41.500	120	1Del Oph	2.7340	3200.0	83	32629	No
188	GOM_NL__2PRFIN20080527_133831_000000392069_00010_32629_3374.N1	27-MAY-2008 13:38:31	Bright	38.500	102	24Alp Ser	2.6000	4250.0	77	32629	No
189	GOM_NL__2PRFIN20080527_134432_000000392069_00010_32629_3375.N1	27-MAY-2008 13:44:32	Bright	39.000	67	5Alp CrB	2.2210	11000.	78	32629	No
190	GOM_NL__2PRFIN20080527_134735_000000452069_00010_32629_3376.N1	27-MAY-2008 13:47:35	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	32629	No
191	GOM_NL__2PRFIN20080527_135517_000000402069_00010_32629_3377.N1	27-MAY-2008 13:55:17	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	32629	No
192	GOM_NL__2PRFIN20080527_135742_000000372069_00010_32629_3378.N1	27-MAY-2008 13:57:42	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	32629	No
193	GOM_NL__2PRFIN20080527_140557_000000452069_00010_32629_3379.N1	27-MAY-2008 14:05:57	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	32629	No
194	GOM_NL__2PRFIN20080527_141027_000000362069_00010_32629_3380.N1	27-MAY-2008 14:10:27	Bright	36.000	76	27Gam Cas	2.3000	30000.	72	32629	No
195	GOM_NL__2PRFIN20080527_141801_000000402069_00010_32629_3381.N1	27-MAY-2008 14:18:01	Bright	39.500	53	43Bet And	2.0480	3300.0	79	32629	No
196	GOM_NL__2PRFIN20080527_142038_000000512069_00010_32629_3382.N1	27-MAY-2008 14:20:38	Twi_and_stray	50.500	58	21Alp And	2.0730	11000.	101	32629	No
197	GOM_NL__2PRFIN20080527_142518_000000502069_00010_32629_3383.N1	27-MAY-2008 14:25:18	Dark	50.000	140	88Gam Peg	2.8340	26000.	100	32629	No
198	GOM_NL__2PRFIN20080527_143412_000000452069_00010_32629_3384.N1	27-MAY-2008 14:34:12	Dark	45.000	52	16Bet Cet	2.0370	4500.0	90	32629	No
199	GOM_NL__2PRFIN20080527_144558_000000592069_00011_32630_3370.N1	27-MAY-2008 14:45:58	Dark	59.000	63	Bet Gru	2.1500	2800.0	118	32630	No
200	GOM_NL__2PRFIN20080527_144745_000000462069_00011_32630_3371.N1	27-MAY-2008 14:47:45	Dark	45.500	31	Alp Gru	1.7340	15200.	91	32630	No
201	GOM_NL__2PRFIN20080527_145257_000000422069_00011_32630_3372.N1	27-MAY-2008 14:52:57	Dark	41.500	45	Alp Pav	1.9400	26000.	83	32630	No
202	GOM_NL__2PRFIN20080527_145926_000000392069_00011_32630_3373.N1	27-MAY-2008 14:59:26	Straylight	39.000	141	Bet Ara	2.8400	4600.0	78	32630	No
203	GOM_NL__2PRFIN20080527_150218_000000442069_00011_32630_3374.N1	27-MAY-2008 15:02:18	Straylight	43.500	40	The Sco	1.8590	7100.0	87	32630	No
204	GOM_NL__2PRFIN20080527_150408_000000472069_00011_32630_3375.N1	27-MAY-2008 15:04:08	Twi_and_stray	47.000	25	35Lam Sco	1.6200	28000.	94	32630	No
205	GOM_NL__2PRFIN20080527_150601_000000482069_00011_32630_3376.N1	27-MAY-2008 15:06:01	Twi_and_stray	47.500	75	26Eps Sco	2.2910	4250.0	95	32630	No
206	GOM_NL__2PRFIN20080527_150807_000000422069_00011_32630_3377.N1	27-MAY-2008 15:08:07	Twi_and_stray	41.500	136	23Tau Sco	2.8220	30000.	83	32630	No
207	GOM_NL__2PRFIN20080527_151350_000000432069_00011_32630_3378.N1	27-MAY-2008 15:13:50	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	32630	No
208	GOM_NL__2PRFIN20080527_151907_000000392069_00011_32630_3379.N1	27-MAY-2008 15:19:07	Bright	38.500	102	24Alp Ser	2.6000	4250.0	77	32630	No
209	GOM_NL__2PRFIN20080527_152507_000000382069_00011_32630_3380.N1	27-MAY-2008 15:25:07	Bright	37.500	67	5Alp CrB	2.2210	11000.	75	32630	No
210	GOM_NL__2PRFIN20080527_152811_000000452069_00011_32630_3381.N1	27-MAY-2008 15:28:11	Bright	45.000	133	40Zet Her	2.8070	6000.0	90	32630	No
211	GOM_NL__2PRFIN20080527_153552_000000462069_00011_32630_3382.N1	27-MAY-2008 15:35:52	Bright	46.000	119	14Eta Dra	2.7270	4700.0	92	32630	No
212	GOM_NL__2PRFIN20080527_153818_000000372069_00011_32630_3383.N1	27-MAY-2008 15:38:18	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	32630	No
213	GOM_NL__2PRFIN20080527_154632_000000682069_00011_32630_3384.N1	27-MAY-2008 15:46:32	Bright	68.000	89	5Alp Cep	2.4510	8000.0	136	32630	No
214	GOM_NL__2PRFIN20080527_155103_000000552069_00011_32630_3385.N1	27-MAY-2008 15:51:03	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	32630	No
215	GOM_NL__2PRFIN20080527_155837_000000532069_00011_32630_3386.N1	27-MAY-2008 15:58:37	Bright	52.500	53	43Bet And	2.0480	3300.0	105	32630	No
216	GOM_NL__2PRFIN20080527_160114_000000522069_00011_32630_3387.N1	27-MAY-2008 16:01:14	Twi_and_stray	51.500	58	21Alp And	2.0730	11000.	103	32630	No
217	GOM_NL__2PRFIN20080527_160555_000000472069_00011_32630_3388.N1	27-MAY-2008 16:05:55	Dark	47.000	140	88Gam Peg	2.8340	26000.	94	32630	No
218	GOM_NL__2PRFIN20080527_161449_000000422069_00011_32630_3389.N1	27-MAY-2008 16:14:49	Dark	41.500	52	16Bet Cet	2.0370	4500.0	83	32630	No
219	GOM_NL__2PRFIN20080527_162635_000000432069_00012_32631_3379.N1	27-MAY-2008 16:26:35	Dark	43.000	63	Bet Gru	2.1500	2800.0	86	32631	No

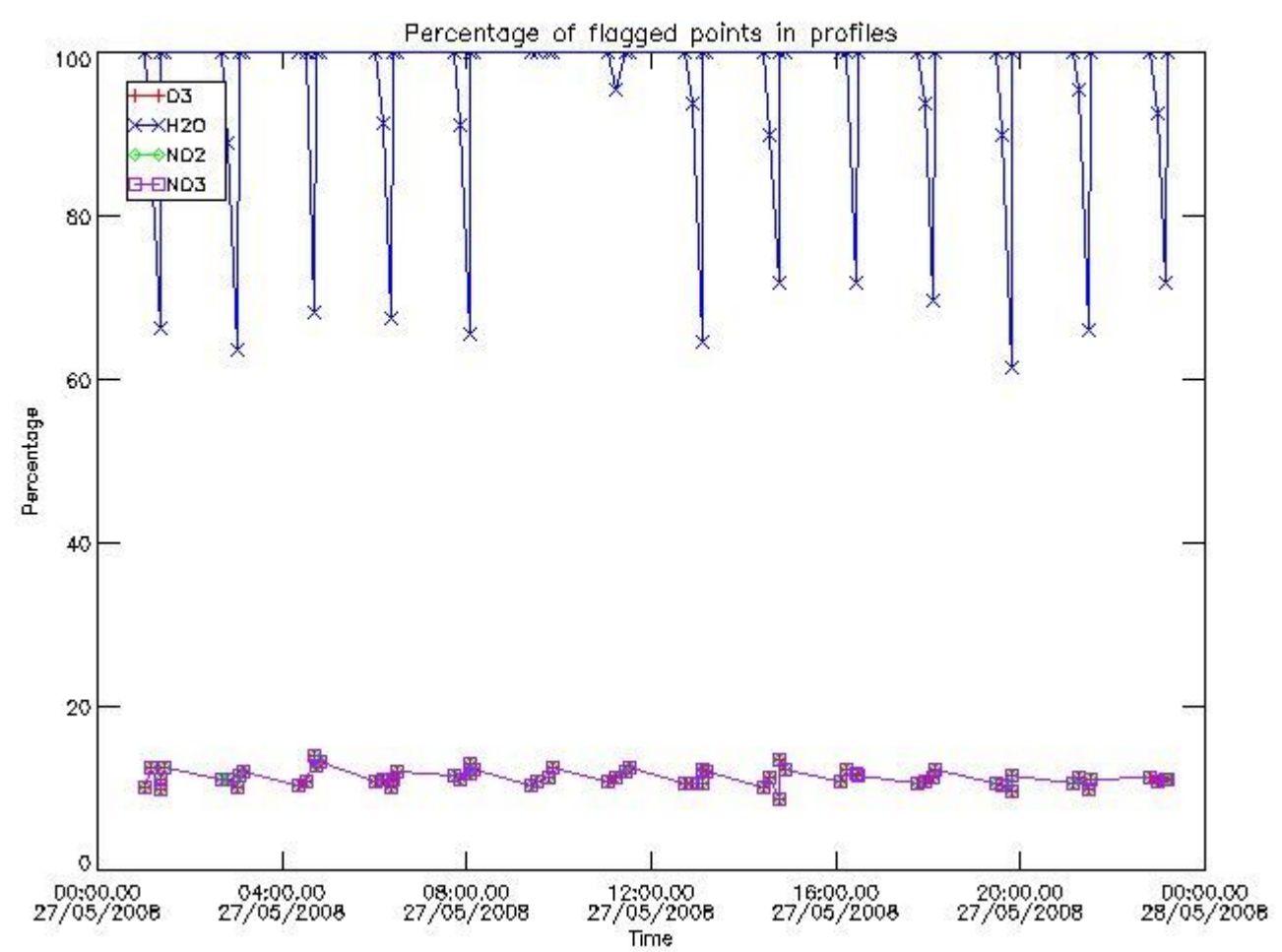
220	GOM_NL__2PRFIN20080527_162822_000000452069_00012_32631_3380.N1	27-MAY-2008 16:28:22	Dark	44.500	31	Alp Gru	1.7340	15200.	89	32631	No
221	GOM_NL__2PRFIN20080527_163334_000000422069_00012_32631_3381.N1	27-MAY-2008 16:33:34	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	32631	No
222	GOM_NL__2PRFIN20080527_164003_000000402069_00012_32631_3382.N1	27-MAY-2008 16:40:03	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	32631	No
223	GOM_NL__2PRFIN20080527_164255_000000442069_00012_32631_3383.N1	27-MAY-2008 16:42:55	Straylight	44.000	40	The Sco	1.8590	7100.0	88	32631	No
224	GOM_NL__2PRFIN20080527_164444_000000452069_00012_32631_3384.N1	27-MAY-2008 16:44:44	Tw_i_and_stray	45.000	25	35Lam Sco	1.6200	28000.	90	32631	No
225	GOM_NL__2PRFIN20080527_164638_000000472069_00012_32631_3385.N1	27-MAY-2008 16:46:38	Tw_i_and_stray	46.500	75	26Eps Sco	2.2910	4250.0	93	32631	No
226	GOM_NL__2PRFIN20080527_164844_000000422069_00012_32631_3386.N1	27-MAY-2008 16:48:44	Tw_i_and_stray	42.000	136	23Tau Sco	2.8220	30000.	84	32631	No
227	GOM_NL__2PRFIN20080527_165427_000000422069_00012_32631_3387.N1	27-MAY-2008 16:54:27	Bright	42.000	98	13Zet Oph	2.5710	30000.	84	32631	No
228	GOM_NL__2PRFIN20080527_165943_000000382069_00012_32631_3388.N1	27-MAY-2008 16:59:43	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	32631	No
229	GOM_NL__2PRFIN20080527_170543_000000392069_00012_32631_3389.N1	27-MAY-2008 17:05:43	Bright	38.500	67	5Alp CrB	2.2210	11000.	77	32631	No
230	GOM_NL__2PRFIN20080527_170846_000000452069_00012_32631_3390.N1	27-MAY-2008 17:08:46	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	32631	No
231	GOM_NL__2PRFIN20080527_171628_000000402069_00012_32631_3391.N1	27-MAY-2008 17:16:28	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	32631	No
232	GOM_NL__2PRFIN20080527_171854_000000392069_00012_32631_3392.N1	27-MAY-2008 17:18:54	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	32631	No
233	GOM_NL__2PRFIN20080527_172708_000000472069_00012_32631_3393.N1	27-MAY-2008 17:27:08	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	32631	No
234	GOM_NL__2PRFIN20080527_173139_000000352069_00012_32631_3394.N1	27-MAY-2008 17:31:39	Bright	34.500	76	27Gam Cas	2.3000	30000.	69	32631	No
235	GOM_NL__2PRFIN20080527_173914_000000422069_00012_32631_3395.N1	27-MAY-2008 17:39:14	Bright	42.000	53	43Bet And	2.0480	3300.0	84	32631	No
236	GOM_NL__2PRFIN20080527_174150_000000512069_00012_32631_3396.N1	27-MAY-2008 17:41:50	Tw_i_and_stray	51.000	58	21Alp And	2.0730	11000.	102	32631	No
237	GOM_NL__2PRFIN20080527_174631_000000482069_00012_32631_3397.N1	27-MAY-2008 17:46:31	Dark	48.000	140	88Gam Peg	2.8340	26000.	96	32631	No
238	GOM_NL__2PRFIN20080527_175525_000000482069_00012_32631_3398.N1	27-MAY-2008 17:55:25	Dark	47.500	52	16Bet Cet	2.0370	4500.0	95	32631	No
239	GOM_NL__2PRFIN20080527_180712_000000452069_00013_32632_3386.N1	27-MAY-2008 18:07:12	Dark	45.000	63	Bet Gru	2.1500	2800.0	90	32632	No
240	GOM_NL__2PRFIN20080527_180859_000000462069_00013_32632_3387.N1	27-MAY-2008 18:08:59	Dark	45.500	31	Alp Gru	1.7340	15200.	91	32632	No
241	GOM_NL__2PRFIN20080527_181410_000000412069_00013_32632_3388.N1	27-MAY-2008 18:14:10	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	32632	No
242	GOM_NL__2PRFIN20080527_182039_000000402069_00013_32632_3389.N1	27-MAY-2008 18:20:39	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	32632	No
243	GOM_NL__2PRFIN20080527_182331_000000482069_00013_32632_3390.N1	27-MAY-2008 18:23:31	Straylight	47.500	40	The Sco	1.8590	7100.0	95	32632	No
244	GOM_NL__2PRFIN20080527_182521_000000442069_00013_32632_3391.N1	27-MAY-2008 18:25:21	Tw_i_and_stray	44.000	25	35Lam Sco	1.6200	28000.	88	32632	No
245	GOM_NL__2PRFIN20080527_182714_000000482069_00013_32632_3392.N1	27-MAY-2008 18:27:14	Tw_i_and_stray	47.500	75	26Eps Sco	2.2910	4250.0	95	32632	No
246	GOM_NL__2PRFIN20080527_182920_000000432069_00013_32632_3393.N1	27-MAY-2008 18:29:20	Tw_i_and_stray	42.500	136	23Tau Sco	2.8220	30000.	85	32632	No
247	GOM_NL__2PRFIN20080527_183503_000000432069_00013_32632_3394.N1	27-MAY-2008 18:35:03	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	32632	No
248	GOM_NL__2PRFIN20080527_183717_000000422069_00013_32632_3395.N1	27-MAY-2008 18:37:17	Bright	41.500	120	1Del Oph	2.7340	3200.0	83	32632	No
249	GOM_NL__2PRFIN20080527_184019_000000382069_00013_32632_3396.N1	27-MAY-2008 18:40:19	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	32632	No
250	GOM_NL__2PRFIN20080527_184619_000000382069_00013_32632_3397.N1	27-MAY-2008 18:46:19	Bright	38.000	67	5Alp CrB	2.2210	11000.	76	32632	No
251	GOM_NL__2PRFIN20080527_184921_000000452069_00013_32632_3398.N1	27-MAY-2008 18:49:21	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	32632	No
252	GOM_NL__2PRFIN20080527_185704_000000402069_00013_32632_3399.N1	27-MAY-2008 18:57:04	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	32632	No
253	GOM_NL__2PRFIN20080527_185930_000000372069_00013_32632_3400.N1	27-MAY-2008 18:59:30	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	32632	No
254	GOM_NL__2PRFIN20080527_190743_000000472069_00013_32632_3401.N1	27-MAY-2008 19:07:43	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	32632	No
255	GOM_NL__2PRFIN20080527_191215_000000552069_00013_32632_3402.N1	27-MAY-2008 19:12:15	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	32632	No
256	GOM_NL__2PRFIN20080527_191950_000000412069_00013_32632_3403.N1	27-MAY-2008 19:19:50	Bright	41.000	53	43Bet And	2.0480	3300.0	82	32632	No
257	GOM_NL__2PRFIN20080527_192226_000000502069_00013_32632_3404.N1	27-MAY-2008 19:22:26	Tw_i_and_stray	49.500	58	21Alp And	2.0730	11000.	99	32632	No
258	GOM_NL__2PRFIN20080527_192708_000000482069_00013_32632_3405.N1	27-MAY-2008 19:27:08	Dark	48.000	140	88Gam Peg	2.8340	26000.	96	32632	No
259	GOM_NL__2PRFIN20080527_193602_000000502069_00013_32632_3406.N1	27-MAY-2008 19:36:02	Dark	49.500	52	16Bet Cet	2.0370	4500.0	99	32632	No
260	GOM_NL__2PRFIN20080527_194748_000000542069_00014_32633_3391.N1	27-MAY-2008 19:47:48	Dark	53.500	63	Bet Gru	2.1500	2800.0	107	32633	No
261	GOM_NL__2PRFIN20080527_194936_000000442069_00014_32633_3392.N1	27-MAY-2008 19:49:36	Dark	44.000	31	Alp Gru	1.7340	15200.	88	32633	No
262	GOM_NL__2PRFIN20080527_195447_000000422069_00014_32633_3393.N1	27-MAY-2008 19:54:47	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	32633	No
263	GOM_NL__2PRFIN20080527_200115_000000412069_00014_32633_3394.N1	27-MAY-2008 20:01:15	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	32633	No
264	GOM_NL__2PRFIN20080527_200408_000000492069_00014_32633_3395.N1	27-MAY-2008 20:04:08	Straylight	49.000	40	The Sco	1.8590	7100.0	98	32633	No
265	GOM_NL__2PRFIN20080527_200557_000000482069_00014_32633_3396.N1	27-MAY-2008 20:05:57	Tw_i_and_stray	48.000	25	35Lam Sco	1.6200	28000.	96	32633	No
266	GOM_NL__2PRFIN20080527_200750_000000472069_00014_32633_3397.N1	27-MAY-2008 20:07:50	Tw_i_and_stray	47.000	75	26Eps Sco	2.2910	4250.0	94	32633	No
267	GOM_NL__2PRFIN20080527_200956_000000542069_00014_32633_3398.N1	27-MAY-2008 20:09:56	Tw_i_and_stray	53.500	136	23Tau Sco	2.8220	30000.	107	32633	No
268	GOM_NL__2PRFIN20080527_201539_000000422069_00014_32633_3399.N1	27-MAY-2008 20:15:39	Bright	42.000	98	13Zet Oph	2.5710	30000.	84	32633	No
269	GOM_NL__2PRFIN20080527_201753_000000412069_00014_32633_3400.N1	27-MAY-2008 20:17:53	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	32633	No
270	GOM_NL__2PRFIN20080527_202055_000000382069_00014_32633_3401.N1	27-MAY-2008 20:20:55	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	32633	No
271	GOM_NL__2PRFIN20080527_202655_000000382069_00014_32633_3402.N1	27-MAY-2008 20:26:55	Bright	38.000	67	5Alp CrB	2.2210	11000.	76	32633	No
272	GOM_NL__2PRFIN20080527_202957_000000442069_00014_32633_3403.N1	27-MAY-2008 20:29:57	Bright	44.000	133	40Zet Her	2.8070	6000.0	88	32633	No
273	GOM_NL__2PRFIN20080527_203739_000000402069_00014_32633_3404.N1	27-MAY-2008 20:37:39	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	32633	No
274	GOM_NL__2PRFIN20080527_204005_000000382069_00014_32633_3405.N1	27-MAY-2008 20:40:05	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	32633	No
275	GOM_NL__2PRFIN20080527_204818_000000452069_00014_32633_3406.N1	27-MAY-2008 20:48:18	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	32633	No
276	GOM_NL__2PRFIN20080527_205251_000000552069_00014_32633_3407.N1	27-MAY-2008 20:52:51	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	32633	No
277	GOM_NL__2PRFIN20080527_210026_000000412069_00014_32633_3408.N1	27-MAY-2008 21:00:26	Bright	40.500	53	43Bet And	2.0480	3300.0	81	32633	No
278	GOM_NL__2PRFIN20080527_210302_000000522069_00014_32633_3409.N1	27-MAY-2008 21:03:02	Tw_i_and_stray	51.500	58	21Alp And	2.0730	11000.	103	32633	No

279	GOM_NL__2PRFIN20080527_210744_000000482069_00014_32633_3410.N1	27-MAY-2008 21:07:44	Dark	47.500	140	88Gam Peg	2.8340	26000.	95	32633	No
280	GOM_NL__2PRFIN20080527_211638_000000452069_00014_32633_3411.N1	27-MAY-2008 21:16:38	Dark	45.000	52	16Bet Cet	2.0370	4500.0	90	32633	No
281	GOM_NL__2PRFIN20080527_212825_000000572069_00015_32634_3405.N1	27-MAY-2008 21:28:25	Dark	56.500	63	Bet Gru	2.1500	2800.0	113	32634	No
282	GOM_NL__2PRFIN20080527_213012_000000462069_00015_32634_3406.N1	27-MAY-2008 21:30:12	Dark	45.500	31	Alp Gru	1.7340	15200.	91	32634	No
283	GOM_NL__2PRFIN20080527_213524_000000422069_00015_32634_3407.N1	27-MAY-2008 21:35:24	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	32634	No
284	GOM_NL__2PRFIN20080527_214152_000000432069_00015_32634_3408.N1	27-MAY-2008 21:41:52	Straylight	43.000	141	Bet Ara	2.8400	4600.0	86	32634	No
285	GOM_NL__2PRFIN20080527_214444_000000452069_00015_32634_3409.N1	27-MAY-2008 21:44:44	Straylight	45.000	40	The Sco	1.8590	7100.0	90	32634	No
286	GOM_NL__2PRFIN20080527_214633_000000462069_00015_32634_3410.N1	27-MAY-2008 21:46:33	Twilight_and_stray	46.000	25	35Lam Sco	1.6200	28000.	92	32634	No
287	GOM_NL__2PRFIN20080527_214826_000000462069_00015_32634_3411.N1	27-MAY-2008 21:48:26	Twilight_and_stray	45.500	75	26Eps Sco	2.2910	4250.0	91	32634	No
288	GOM_NL__2PRFIN20080527_215032_000000412069_00015_32634_3412.N1	27-MAY-2008 21:50:32	Twilight_and_stray	41.000	136	23Tau Sco	2.8220	30000.	82	32634	No
289	GOM_NL__2PRFIN20080527_215614_000000432069_00015_32634_3413.N1	27-MAY-2008 21:56:14	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	32634	No
290	GOM_NL__2PRFIN20080527_215829_000000422069_00015_32634_3414.N1	27-MAY-2008 21:58:29	Bright	41.500	120	1Del Oph	2.7340	3200.0	83	32634	No
291	GOM_NL__2PRFIN20080527_220131_000000382069_00015_32634_3415.N1	27-MAY-2008 22:01:31	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	32634	No
292	GOM_NL__2PRFIN20080527_220731_000000382069_00015_32634_3416.N1	27-MAY-2008 22:07:31	Bright	37.500	67	5Alp CrB	2.2210	11000.	75	32634	No
293	GOM_NL__2PRFIN20080527_221032_000000442069_00015_32634_3417.N1	27-MAY-2008 22:10:32	Bright	43.500	133	40Zet Her	2.8070	6000.0	87	32634	No
294	GOM_NL__2PRFIN20080527_221815_000000402069_00015_32634_3418.N1	27-MAY-2008 22:18:15	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	32634	No
295	GOM_NL__2PRFIN20080527_222041_000000372069_00015_32634_3419.N1	27-MAY-2008 22:20:41	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	32634	No
296	GOM_NL__2PRFIN20080527_222854_000000442069_00015_32634_3420.N1	27-MAY-2008 22:28:54	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	32634	No
297	GOM_NL__2PRFIN20080527_223327_000000552069_00015_32634_3421.N1	27-MAY-2008 22:33:27	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	32634	No
298	GOM_NL__2PRFIN20080527_224102_000000522069_00015_32634_3422.N1	27-MAY-2008 22:41:02	Bright	52.000	53	43Bet And	2.0480	3300.0	104	32634	No
299	GOM_NL__2PRFIN20080527_224338_000000512069_00015_32634_3423.N1	27-MAY-2008 22:43:38	Twilight_and_stray	51.000	58	21Alp And	2.0730	11000.	102	32634	No
300	GOM_NL__2PRFIN20080527_224820_000000502069_00015_32634_3424.N1	27-MAY-2008 22:48:20	Dark	49.500	140	88Gam Peg	2.8340	26000.	99	32634	No
301	GOM_NL__2PRFIN20080527_225714_000000472069_00015_32634_3425.N1	27-MAY-2008 22:57:14	Dark	47.000	52	16Bet Cet	2.0370	4500.0	94	32634	No
302	GOM_NL__2PRFIN20080527_230902_000000592069_00016_32635_3387.N1	27-MAY-2008 23:09:02	Dark	59.000	63	Bet Gru	2.1500	2800.0	118	32635	No
303	GOM_NL__2PRFIN20080527_231049_000000462069_00016_32635_3388.N1	27-MAY-2008 23:10:49	Dark	45.500	31	Alp Gru	1.7340	15200.	91	32635	No
304	GOM_NL__2PRFIN20080527_231600_000000422069_00016_32635_3389.N1	27-MAY-2008 23:16:00	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	32635	No
305	GOM_NL__2PRFIN20080527_232228_000000412069_00016_32635_3390.N1	27-MAY-2008 23:22:28	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	32635	No
306	GOM_NL__2PRFIN20080527_232520_000000462069_00016_32635_3391.N1	27-MAY-2008 23:25:20	Straylight	46.000	40	The Sco	1.8590	7100.0	92	32635	No
307	GOM_NL__2PRFIN20080527_232710_000000492069_00016_32635_3392.N1	27-MAY-2008 23:27:10	Twilight_and_stray	49.000	25	35Lam Sco	1.6200	28000.	98	32635	No
308	GOM_NL__2PRFIN20080527_232903_000000472069_00016_32635_3393.N1	27-MAY-2008 23:29:03	Twilight_and_stray	47.000	75	26Eps Sco	2.2910	4250.0	94	32635	No
309	GOM_NL__2PRFIN20080527_233108_000000452069_00016_32635_3394.N1	27-MAY-2008 23:31:08	Twilight_and_stray	44.500	136	23Tau Sco	2.8220	30000.	89	32635	No
310	GOM_NL__2PRFIN20080527_233650_000000442069_00016_32635_3395.N1	27-MAY-2008 23:36:50	Bright	43.500	98	13Zet Oph	2.5710	30000.	87	32635	No
311	GOM_NL__2PRFIN20080527_233904_000000412069_00016_32635_3396.N1	27-MAY-2008 23:39:04	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	32635	No
312	GOM_NL__2PRFIN20080527_234206_000000382069_00016_32635_3397.N1	27-MAY-2008 23:42:06	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	32635	No
313	GOM_NL__2PRFIN20080527_234806_000000382069_00016_32635_3398.N1	27-MAY-2008 23:48:06	Bright	38.000	67	5Alp CrB	2.2210	11000.	76	32635	No
314	GOM_NL__2PRFIN20080527_235107_000000442069_00016_32635_3399.N1	27-MAY-2008 23:51:07	Bright	43.500	133	40Zet Her	2.8070	6000.0	87	32635	No
315	GOM_NL__2PRFIN20080527_235851_000000382069_00016_32635_3400.N1	27-MAY-2008 23:58:51	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	32635	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.

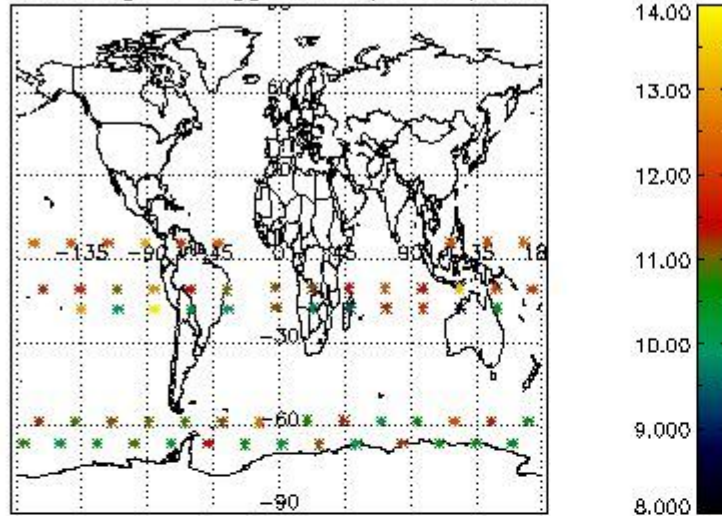
#### 3.1 Plot quality information per product (time dependant)



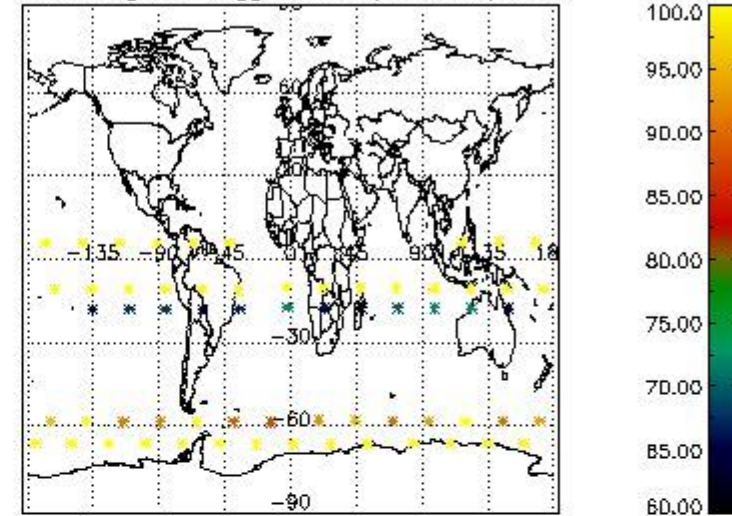
3.2 Plot quality information per product (world map)



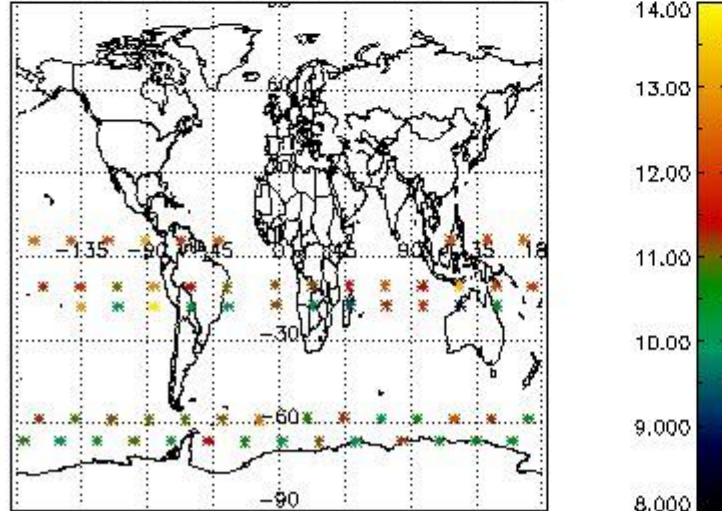
Percentage of flagged data per O3 profile



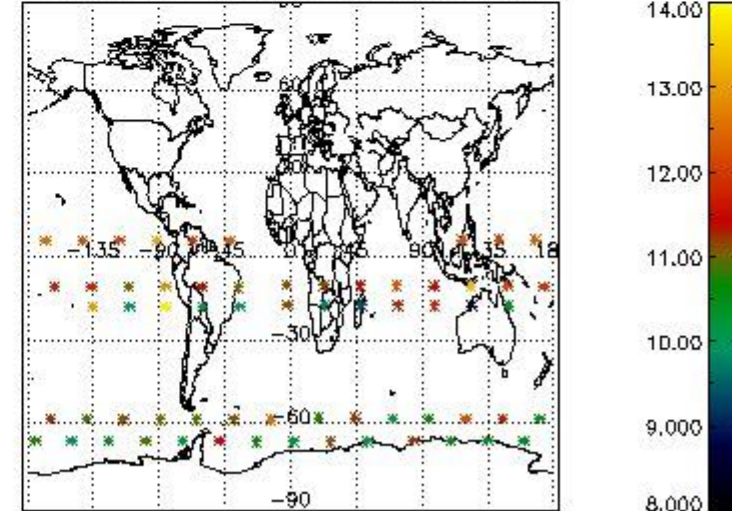
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

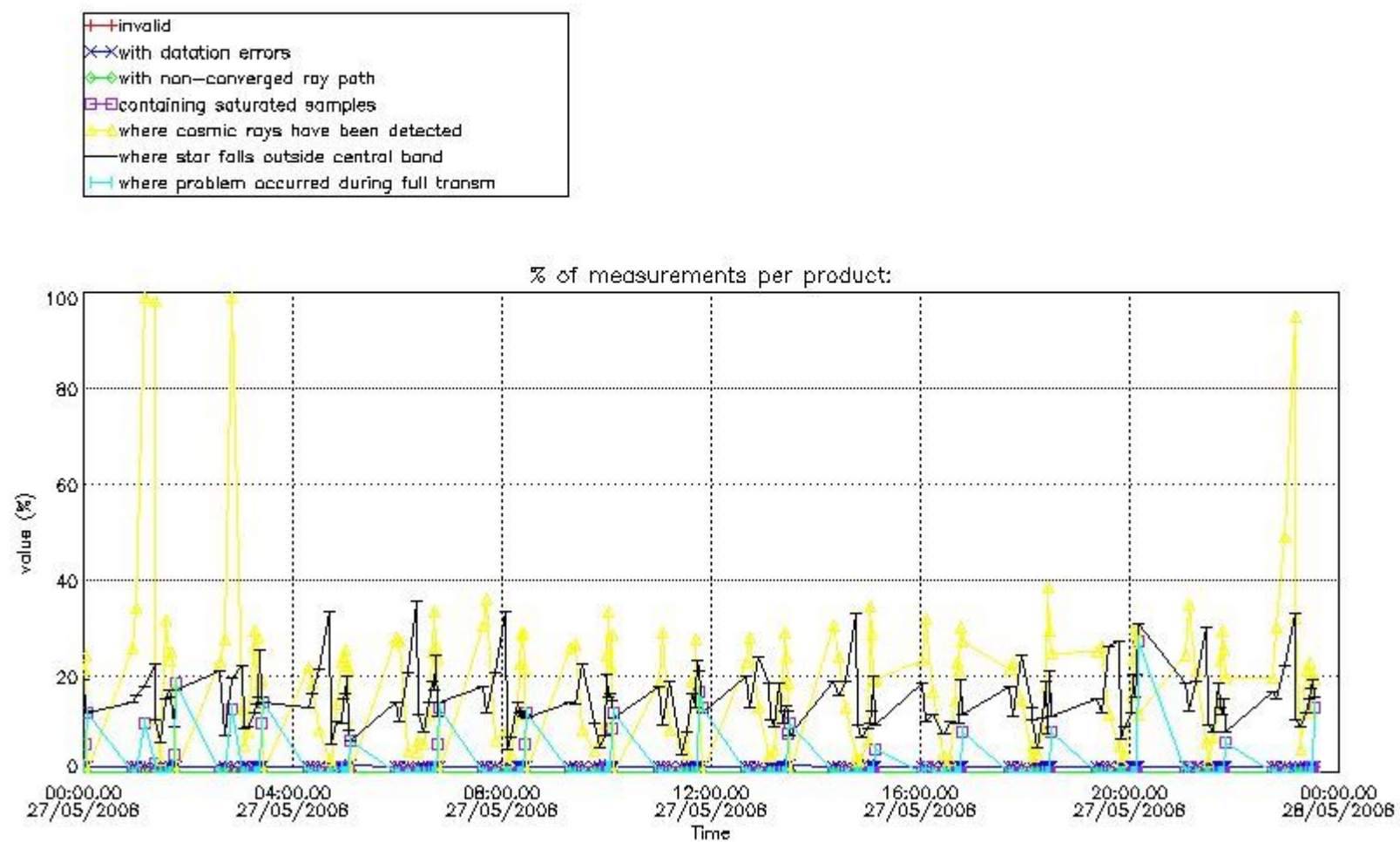


#### 4. Level 1 quality information per product

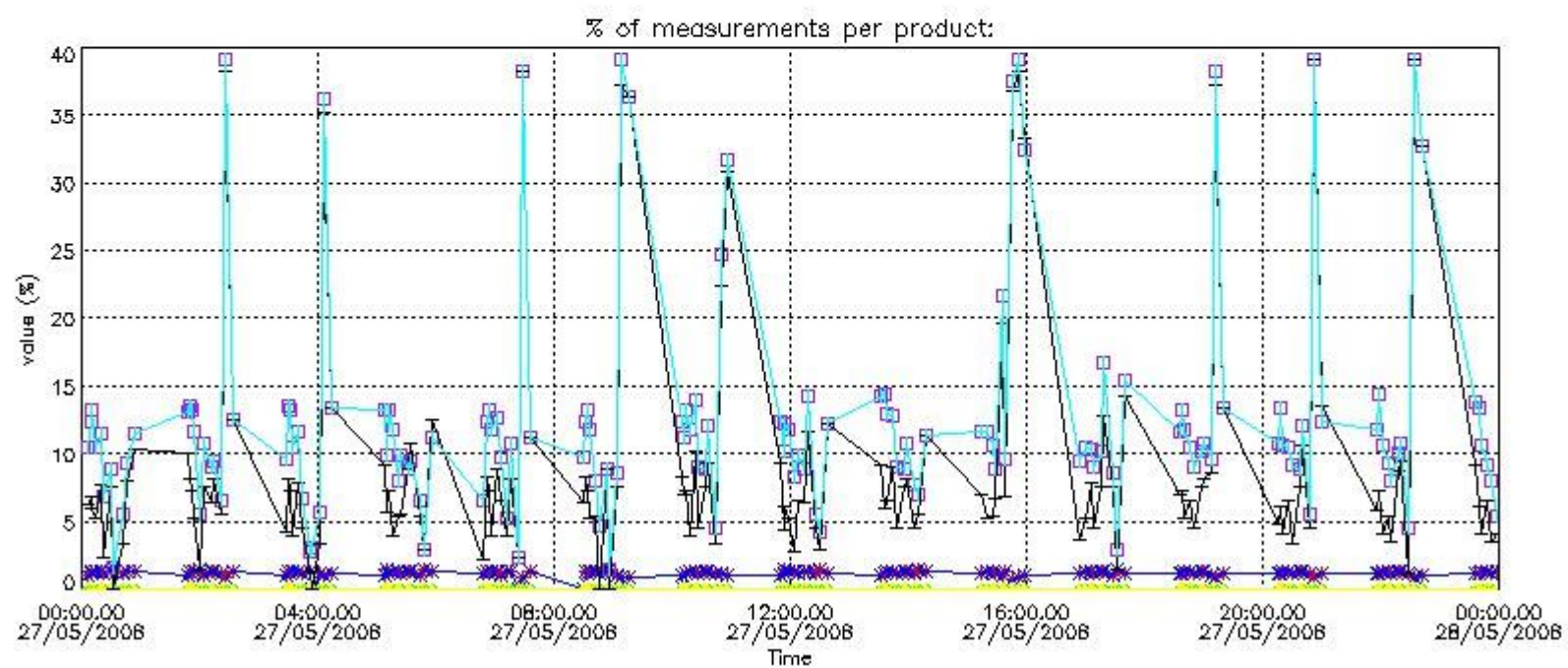
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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

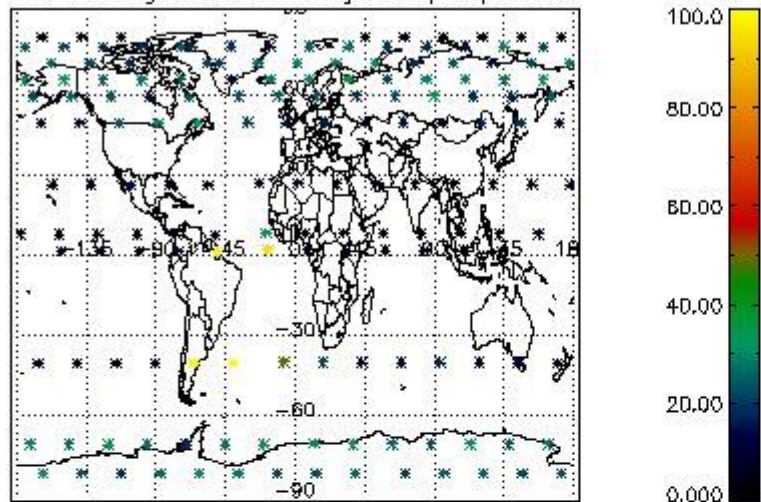


#### 4.2 Plot quality information per product coming from level 1b processing (world map)

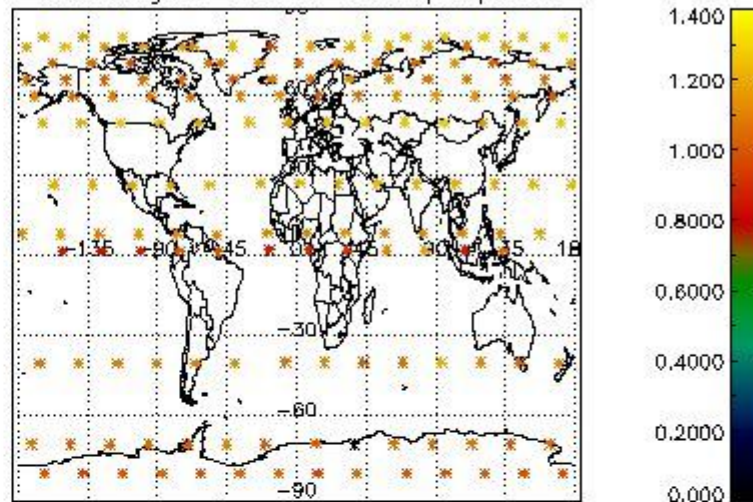
##### 4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes



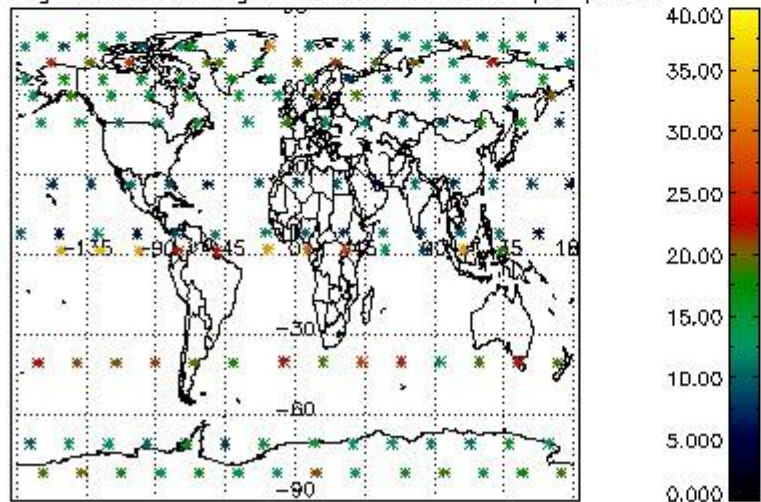
Percentage of cosmic ray hits per profile



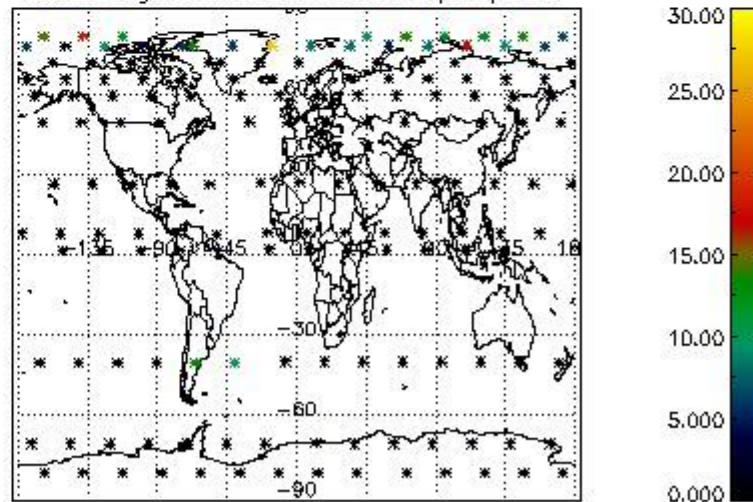
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

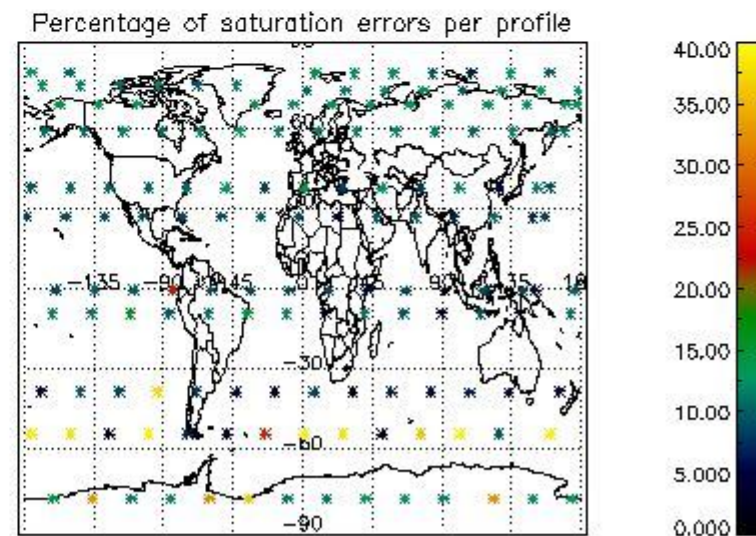
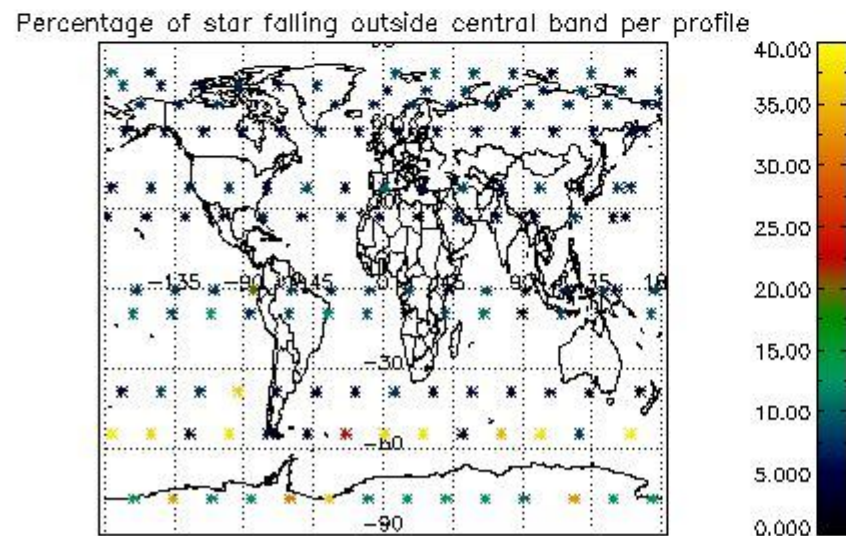
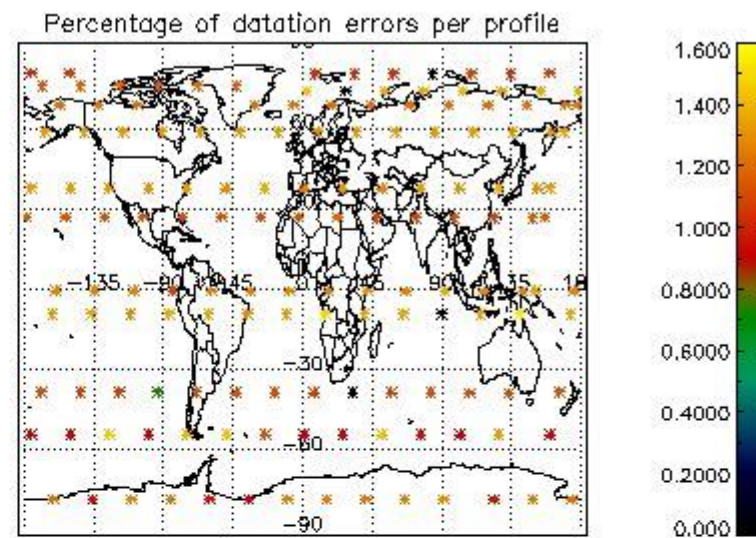
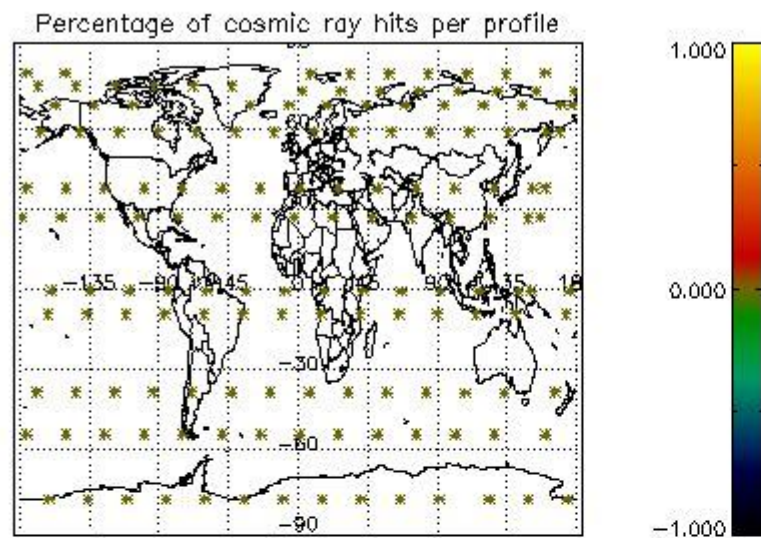


Percentage of saturation errors per profile



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

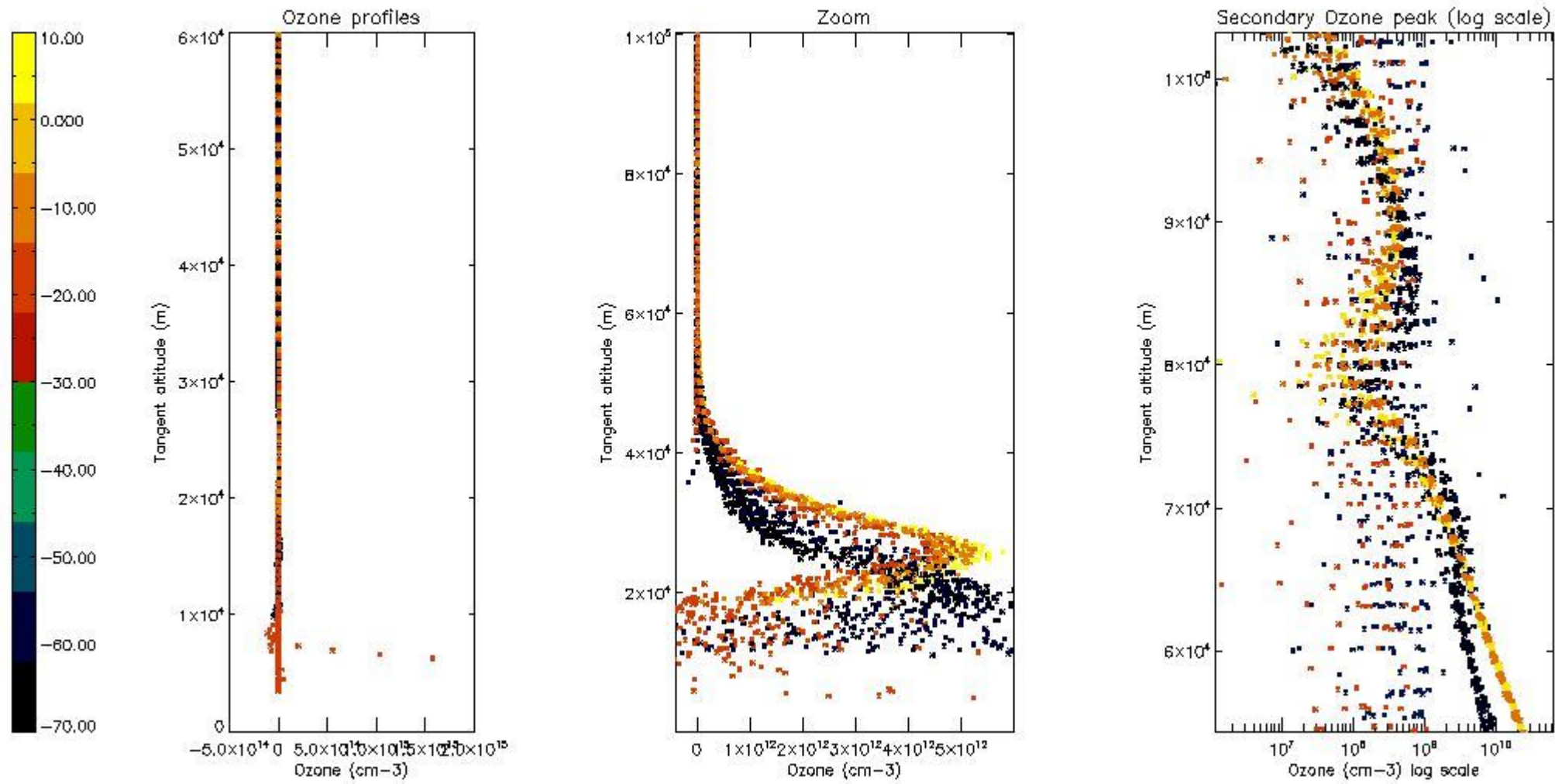
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	22
STD < 20	12

STD < 10	9
STD < 5	6

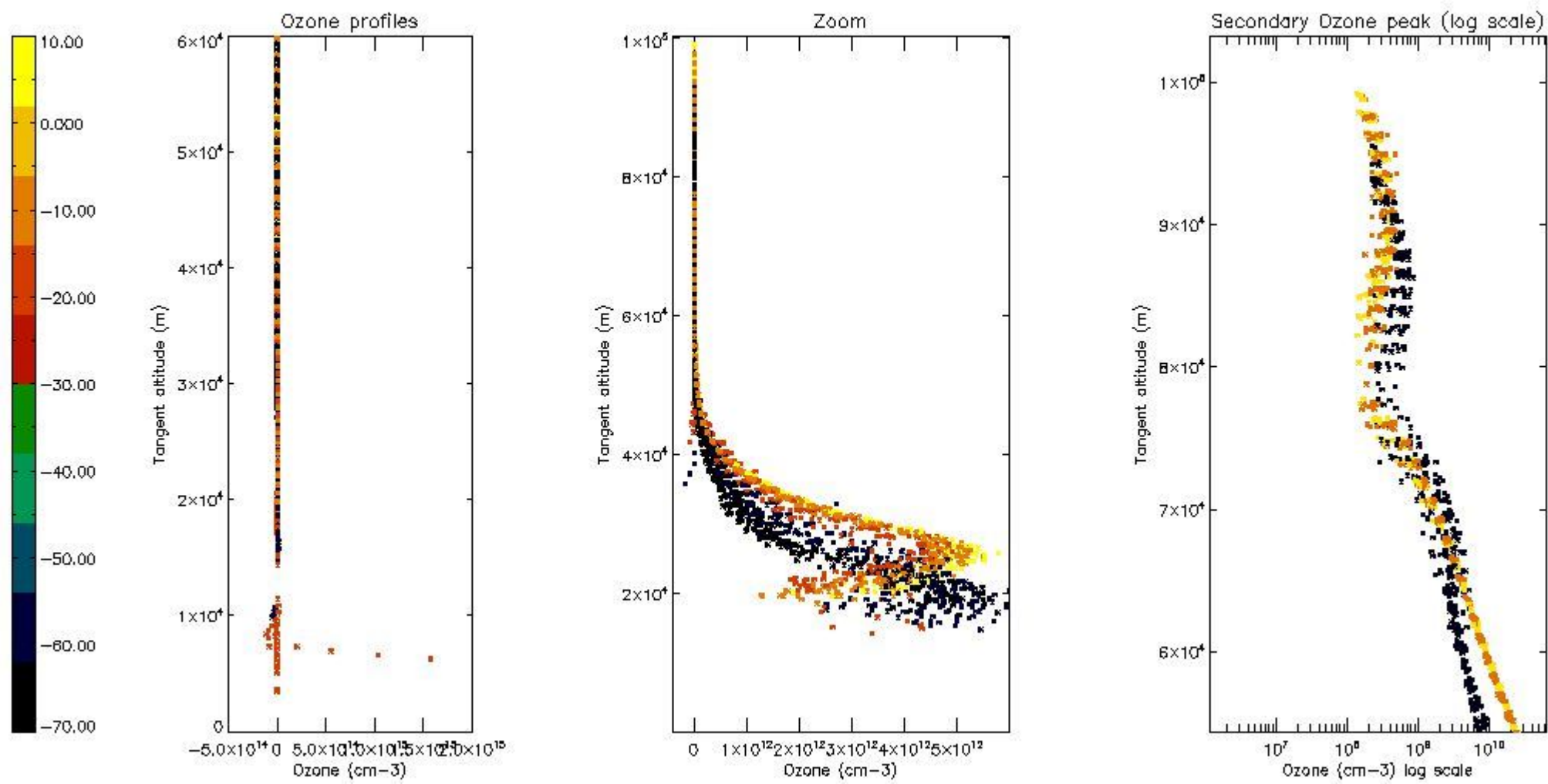
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

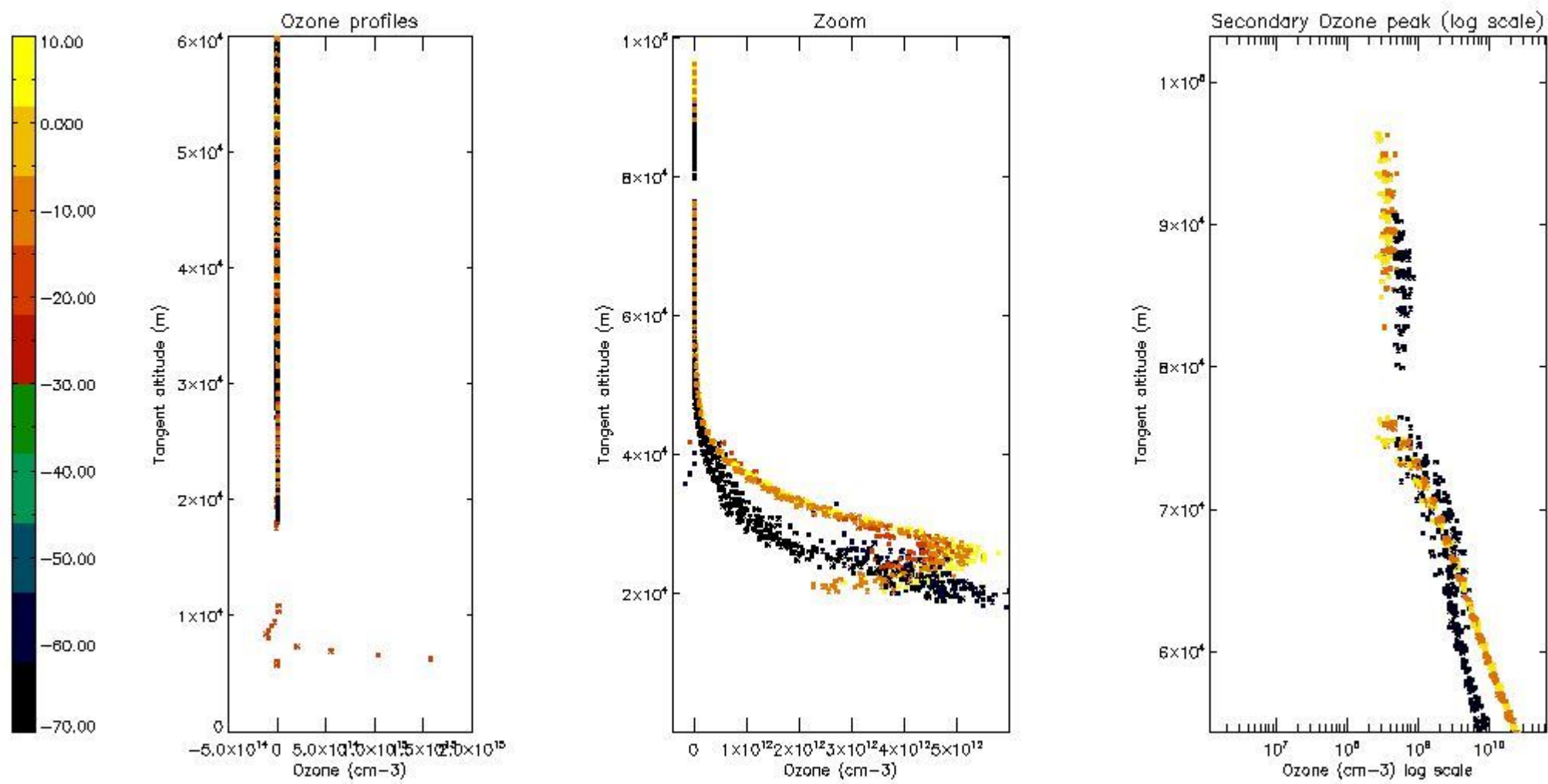
The colorbar represents the latitude.



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

The colorbar represents the latitude.

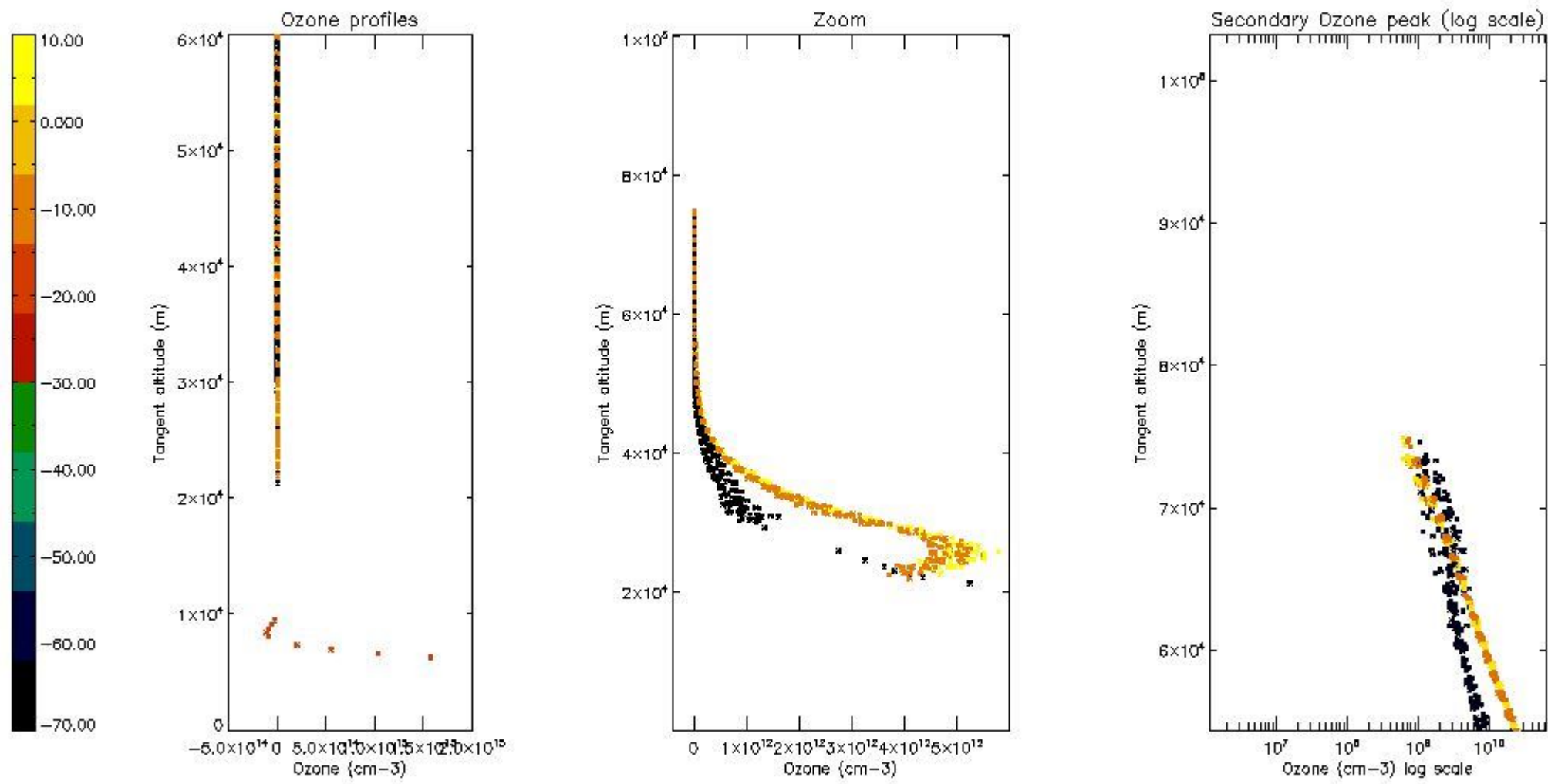




*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

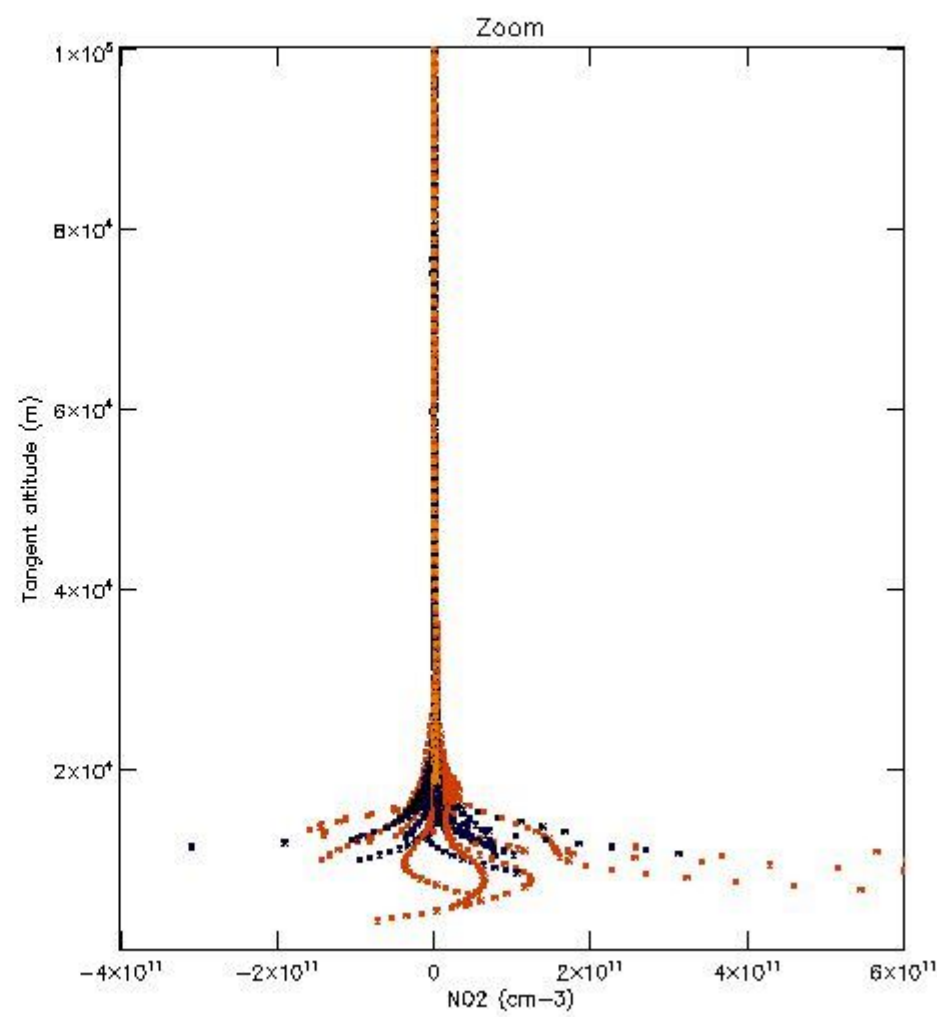
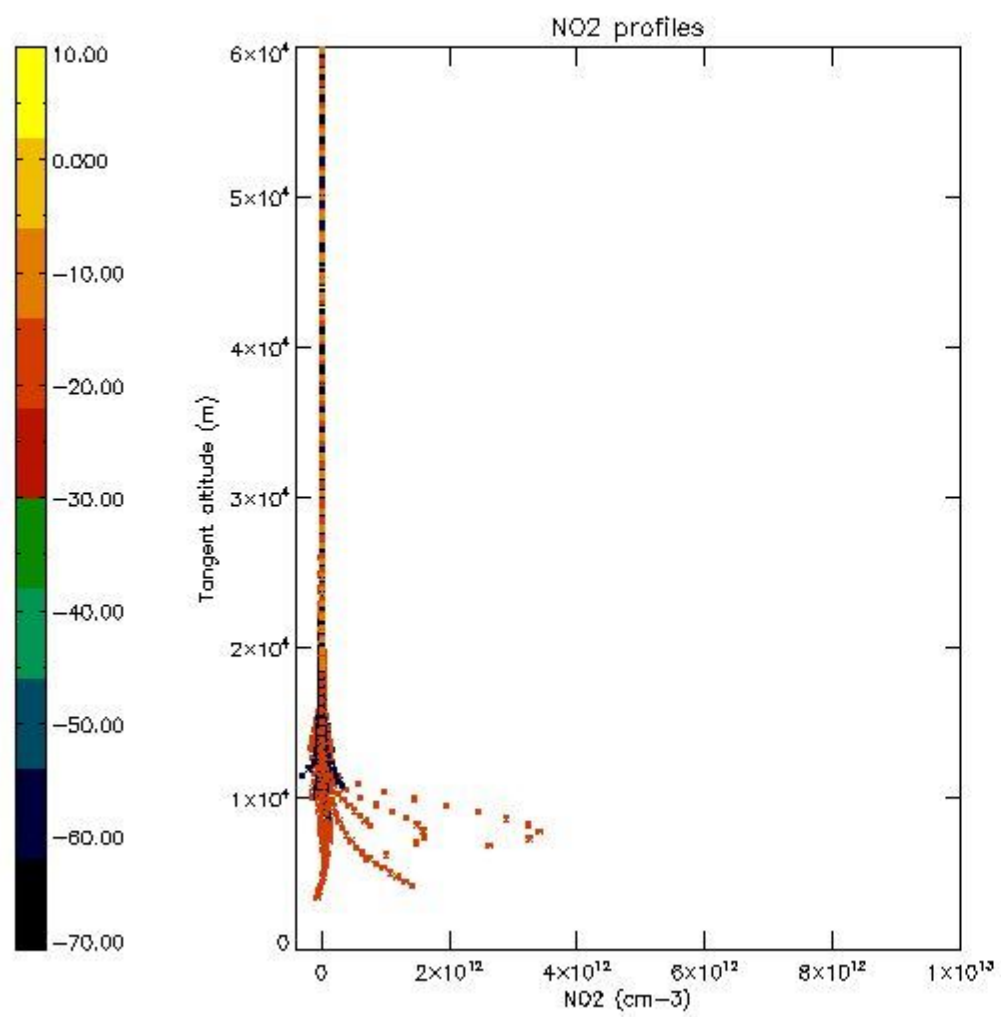
The colorbar represents the latitude.





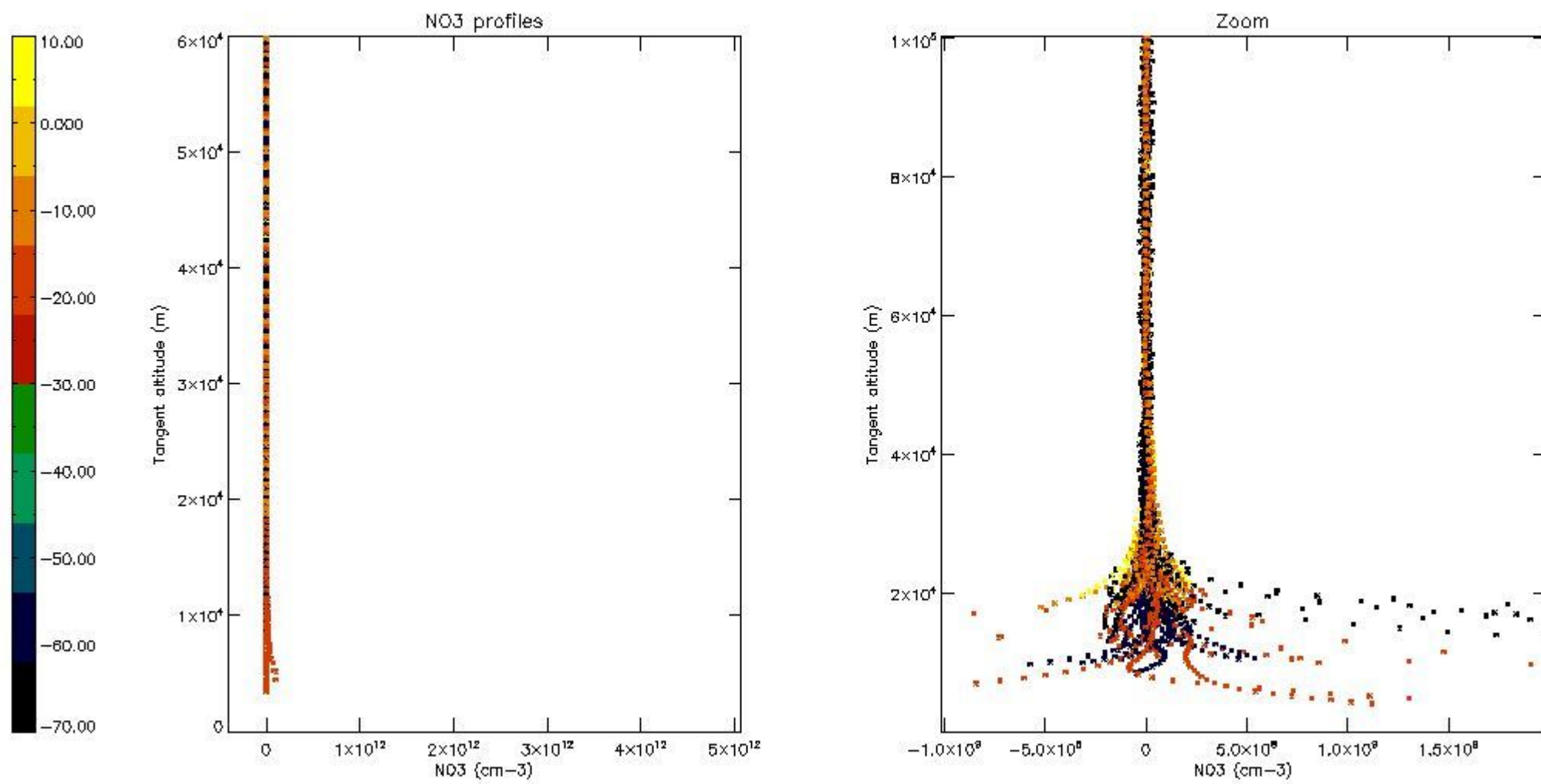
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



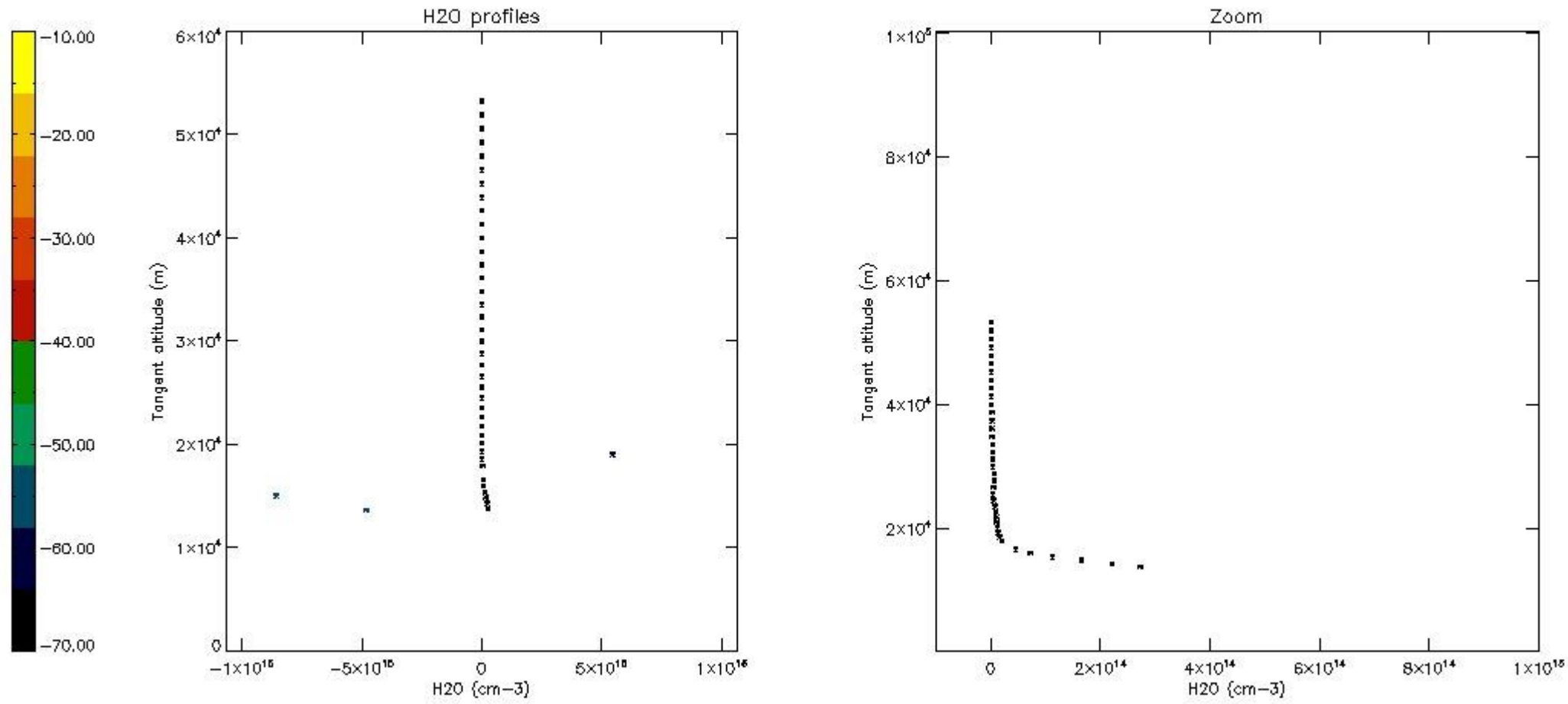
*5.7 Plot NO3 profiles for all STD (dark without errors)*

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	27-MAY-2008 00:00:35
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	27-MAY-2008 00:00:35
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	27-MAY-2008 00:00:35



# 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	25APR2013 14:47:32
Data source version	GOMOS/6.01
Start time of products	27-05-2008 (27MAY2008 00:00:00)
Stop time of products	28-05-2008 (28MAY2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	315
Nb of prods with errors	1

## 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__2PRFIN20080527_000035_000000472069_00002_32621_3301.N1	27-MAY-2008 00:00:35	Twilight	47.000	75	26Eps Sco	2.2910	4250.0	94	32621	No
2	GOM_NL__2PRFIN20080527_000242_000000432069_00002_32621_3302.N1	27-MAY-2008 00:02:42	Twilight	43.000	136	23Tau Sco	2.8220	30000.	86	32621	No
3	GOM_NL__2PRFIN20080527_000452_000000412069_00002_32621_3303.N1	27-MAY-2008 00:04:52	Bright	40.500	80	7Del Sco	2.3160	30000.	81	32621	No
4	GOM_NL__2PRFIN20080527_000631_000000482069_00002_32621_3304.N1	27-MAY-2008 00:06:31	Bright	47.500	86	35Eta Oph	2.4300	10200.	95	32621	No
5	GOM_NL__2PRFIN20080527_000906_000000372069_00002_32621_3305.N1	27-MAY-2008 00:09:06	Bright	36.500	104	27Bet Lib	2.6140	13100.	73	32621	No
6	GOM_NL__2PRFIN20080527_001042_000000422069_00002_32621_3306.N1	27-MAY-2008 00:10:42	Bright	41.500	120	1Del Oph	2.7340	3200.0	83	32621	No
7	GOM_NL__2PRFIN20080527_001345_000000382069_00002_32621_3307.N1	27-MAY-2008 00:13:45	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	32621	No
8	GOM_NL__2PRFIN20080527_001946_000000392069_00002_32621_3308.N1	27-MAY-2008 00:19:46	Bright	39.000	67	5Alp CrB	2.2210	11000.	78	32621	No
9	GOM_NL__2PRFIN20080527_002253_000000442069_00002_32621_3309.N1	27-MAY-2008 00:22:53	Bright	43.500	133	40Zet Her	2.8070	6000.0	87	32621	No
10	GOM_NL__2PRFIN20080527_003032_000000402069_00002_32621_3310.N1	27-MAY-2008 00:30:32	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	32621	No
11	GOM_NL__2PRFIN20080527_003255_000000332069_00002_32621_3311.N1	27-MAY-2008 00:32:55	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	32621	No
12	GOM_NL__2PRFIN20080527_004114_000000452069_00002_32621_3312.N1	27-MAY-2008 00:41:14	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	32621	No
13	GOM_NL__2PRFIN20080527_004540_000000382069_00002_32621_3313.N1	27-MAY-2008 00:45:40	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	32621	No
14	GOM_NL__2PRFIN20080527_005313_000000392069_00002_32621_3314.N1	27-MAY-2008 00:53:13	Bright	39.000	53	43Bet And	2.0480	3300.0	78	32621	No
15	GOM_NL__2PRFIN20080527_005549_000000492069_00002_32621_3315.N1	27-MAY-2008 00:55:49	Twilight	48.500	58	21Alp And	2.0730	11000.	97	32621	No
16	GOM_NL__2PRFIN20080527_010027_000000502069_00002_32621_3316.N1	27-MAY-2008 01:00:27	Dark	50.000	140	88Gam Peg	2.8340	26000.	100	32621	No
17	GOM_NL__2PRFIN20080527_010921_000000452069_00002_32621_3317.N1	27-MAY-2008 01:09:21	Dark	44.500	52	16Bet Cet	2.0370	4500.0	89	32621	No
18	GOM_NL__2PRFIN20080527_012104_000000512069_00003_32622_3301.N1	27-MAY-2008 01:21:04	Dark	51.000	63	Bet Gru	2.1500	2800.0	102	32622	No
19	GOM_NL__2PRFIN20080527_012250_000000462069_00003_32622_3302.N1	27-MAY-2008 01:22:50	Dark	46.000	31	Alp Gru	1.7340	15200.	92	32622	No
20	GOM_NL__2PRFIN20080527_012804_000000412069_00003_32622_3303.N1	27-MAY-2008 01:28:04	Dark	41.000	45	Alp Pav	1.9400	26000.	82	32622	No
21	GOM_NL__2PRFIN20080527_013435_000000432069_00003_32622_3304.N1	27-MAY-2008 01:34:35	Straylight	42.500	141	Bet Ara	2.8400	4600.0	85	32622	No
22	GOM_NL__2PRFIN20080527_013727_000000472069_00003_32622_3305.N1	27-MAY-2008 01:37:27	Straylight	47.000	40	The Sco	1.8590	7100.0	94	32622	No
23	GOM_NL__2PRFIN20080527_013916_000000482069_00003_32622_3306.N1	27-MAY-2008 01:39:16	Straylight	48.000	25	35Lam Sco	1.6200	28000.	96	32622	No
24	GOM_NL__2PRFIN20080527_014318_000000422069_00003_32622_3307.N1	27-MAY-2008 01:43:18	Twilight	42.000	136	23Tau Sco	2.8220	30000.	84	32622	No
25	GOM_NL__2PRFIN20080527_014528_000000442069_00003_32622_3308.N1	27-MAY-2008 01:45:28	Bright	43.500	80	7Del Sco	2.3160	30000.	87	32622	No
26	GOM_NL__2PRFIN20080527_014707_000000502069_00003_32622_3309.N1	27-MAY-2008 01:47:07	Bright	49.500	86	35Eta Oph	2.4300	10200.	99	32622	No
27	GOM_NL__2PRFIN20080527_014941_000000372069_00003_32622_3310.N1	27-MAY-2008 01:49:41	Bright	37.000	104	27Bet Lib	2.6140	13100.	74	32622	No
28	GOM_NL__2PRFIN20080527_015118_000000422069_00003_32622_3311.N1	27-MAY-2008 01:51:18	Bright	41.500	120	1Del Oph	2.7340	3200.0	83	32622	No
29	GOM_NL__2PRFIN20080527_015420_000000392069_00003_32622_3312.N1	27-MAY-2008 01:54:20	Bright	38.500	102	24Alp Ser	2.6000	4250.0	77	32622	No
30	GOM_NL__2PRFIN20080527_020022_000000362069_00003_32622_3313.N1	27-MAY-2008 02:00:22	Bright	36.000	67	5Alp CrB	2.2210	11000.	72	32622	No
31	GOM_NL__2PRFIN20080527_020328_000000472069_00003_32622_3314.N1	27-MAY-2008 02:03:28	Bright	46.500	133	40Zet Her	2.8070	6000.0	93	32622	No
32	GOM_NL__2PRFIN20080527_021108_000000392069_00003_32622_3315.N1	27-MAY-2008 02:11:08	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	32622	No
33	GOM_NL__2PRFIN20080527_021331_000000372069_00003_32622_3316.N1	27-MAY-2008 02:13:31	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	32622	No
34	GOM_NL__2PRFIN20080527_022149_000000462069_00003_32622_3317.N1	27-MAY-2008 02:21:49	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	32622	No
35	GOM_NL__2PRFIN20080527_022616_000000552069_00003_32622_3318.N1	27-MAY-2008 02:26:16	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	32622	No
36	GOM_NL__2PRFIN20080527_023349_000000402069_00003_32622_3319.N1	27-MAY-2008 02:33:49	Bright	40.000	53	43Bet And	2.0480	3300.0	80	32622	No
37	GOM_NL__2PRFIN20080527_023625_000000532069_00003_32622_3320.N1	27-MAY-2008 02:36:25	Twilight	52.500	58	21Alp And	2.0730	11000.	105	32622	No
38	GOM_NL__2PRFIN20080527_024104_000000462069_00003_32622_3321.N1	27-MAY-2008 02:41:04	Dark	45.500	140	88Gam Peg	2.8340	26000.	91	32622	No
39	GOM_NL__2PRFIN20080527_024957_000000462069_00003_32622_3322.N1	27-MAY-2008 02:49:57	Dark	45.500	52	16Bet Cet	2.0370	4500.0	91	32622	No
40	GOM_NL__2PRFIN20080527_030141_000000502069_00004_32623_3307.N1	27-MAY-2008 03:01:41	Dark	50.000	63	Bet Gru	2.1500	2800.0	100	32623	No
41	GOM_NL__2PRFIN20080527_030327_000000452069_00004_32623_3308.N1	27-MAY-2008 03:03:27	Dark	44.500	31	Alp Gru	1.7340	15200.	89	32623	No
42	GOM_NL__2PRFIN20080527_030840_000000432069_00004_32623_3309.N1	27-MAY-2008 03:08:40	Dark	42.500	45	Alp Pav	1.9400	26000.	85	32623	No

43	GOM_NL__2PRFIN20080527_031512_000000412069_00004_32623_3310.N1	27-MAY-2008 03:15:12	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	32623	No
44	GOM_NL__2PRFIN20080527_031803_000000462069_00004_32623_3311.N1	27-MAY-2008 03:18:03	Straylight	46.000	40	The Sco	1.8590	7100.0	92	32623	No
45	GOM_NL__2PRFIN20080527_031953_000000482069_00004_32623_3312.N1	27-MAY-2008 03:19:53	Straylight	48.000	25	35Lam Sco	1.6200	28000.	96	32623	No
46	GOM_NL__2PRFIN20080527_032147_000000512069_00004_32623_3313.N1	27-MAY-2008 03:21:47	Tw_i_and_stray	51.000	75	26Eps Sco	2.2910	4250.0	102	32623	No
47	GOM_NL__2PRFIN20080527_032354_000000452069_00004_32623_3314.N1	27-MAY-2008 03:23:54	Tw_i_and_stray	44.500	136	23Tau Sco	2.8220	30000.	89	32623	No
48	GOM_NL__2PRFIN20080527_032604_000000422069_00004_32623_3315.N1	27-MAY-2008 03:26:04	Bright	41.500	80	7Del Sco	2.3160	30000.	83	32623	No
49	GOM_NL__2PRFIN20080527_032743_000000472069_00004_32623_3316.N1	27-MAY-2008 03:27:43	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	32623	No
50	GOM_NL__2PRFIN20080527_033017_000000372069_00004_32623_3317.N1	27-MAY-2008 03:30:17	Bright	37.000	104	27Bet Lib	2.6140	13100.	74	32623	No
51	GOM_NL__2PRFIN20080527_033154_000000422069_00004_32623_3318.N1	27-MAY-2008 03:31:54	Bright	41.500	120	1Del Oph	2.7340	3200.0	83	32623	No
52	GOM_NL__2PRFIN20080527_033456_000000382069_00004_32623_3319.N1	27-MAY-2008 03:34:56	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	32623	No
53	GOM_NL__2PRFIN20080527_034057_000000392069_00004_32623_3320.N1	27-MAY-2008 03:40:57	Bright	38.500	67	5Alp CrB	2.2210	11000.	77	32623	No
54	GOM_NL__2PRFIN20080527_034403_000000452069_00004_32623_3321.N1	27-MAY-2008 03:44:03	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	32623	No
55	GOM_NL__2PRFIN20080527_035143_000000372069_00004_32623_3322.N1	27-MAY-2008 03:51:43	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	32623	No
56	GOM_NL__2PRFIN20080527_035407_000000332069_00004_32623_3323.N1	27-MAY-2008 03:54:07	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	32623	No
57	GOM_NL__2PRFIN20080527_040224_000000452069_00004_32623_3324.N1	27-MAY-2008 04:02:24	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	32623	No
58	GOM_NL__2PRFIN20080527_040652_000000532069_00004_32623_3325.N1	27-MAY-2008 04:06:52	Bright	52.500	76	27Gam Cas	2.3000	30000.	105	32623	No
59	GOM_NL__2PRFIN20080527_041425_000000412069_00004_32623_3326.N1	27-MAY-2008 04:14:25	Bright	41.000	53	43Bet And	2.0480	3300.0	82	32623	No
60	GOM_NL__2PRFIN20080527_041701_000000492069_00004_32623_3327.N1	27-MAY-2008 04:17:01	Tw_i_and_stray	48.500	58	21Alp And	2.0730	11000.	97	32623	No
61	GOM_NL__2PRFIN20080527_042140_000000492069_00004_32623_3328.N1	27-MAY-2008 04:21:40	Dark	49.000	140	88Gam Peg	2.8340	26000.	98	32623	No
62	GOM_NL__2PRFIN20080527_043033_000000472069_00004_32623_3329.N1	27-MAY-2008 04:30:33	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	32623	No
63	GOM_NL__2PRFIN20080527_044218_000000592069_00005_32624_3322.N1	27-MAY-2008 04:42:18	Dark	58.500	63	Bet Gru	2.1500	2800.0	117	32624	No
64	GOM_NL__2PRFIN20080527_044404_000000442069_00005_32624_3323.N1	27-MAY-2008 04:44:04	Dark	43.500	31	Alp Gru	1.7340	15200.	87	32624	No
65	GOM_NL__2PRFIN20080527_044917_000000432069_00005_32624_3324.N1	27-MAY-2008 04:49:17	Dark	42.500	45	Alp Pav	1.9400	26000.	85	32624	No
66	GOM_NL__2PRFIN20080527_045548_000000402069_00005_32624_3325.N1	27-MAY-2008 04:55:48	Straylight	39.500	141	Bet Ara	2.8400	4600.0	79	32624	No
67	GOM_NL__2PRFIN20080527_045840_000000462069_00005_32624_3326.N1	27-MAY-2008 04:58:40	Straylight	46.000	40	The Sco	1.8590	7100.0	92	32624	No
68	GOM_NL__2PRFIN20080527_050029_000000492069_00005_32624_3327.N1	27-MAY-2008 05:00:29	Straylight	49.000	25	35Lam Sco	1.6200	28000.	98	32624	No
69	GOM_NL__2PRFIN20080527_050224_000000482069_00005_32624_3328.N1	27-MAY-2008 05:02:24	Tw_i_and_stray	47.500	75	26Eps Sco	2.2910	4250.0	95	32624	No
70	GOM_NL__2PRFIN20080527_050430_000000412069_00005_32624_3329.N1	27-MAY-2008 05:04:30	Tw_i_and_stray	40.500	136	23Tau Sco	2.8220	30000.	81	32624	No
71	GOM_NL__2PRFIN20080527_050640_000000382069_00005_32624_3330.N1	27-MAY-2008 05:06:40	Bright	38.000	80	7Del Sco	2.3160	30000.	76	32624	No
72	GOM_NL__2PRFIN20080527_050819_000000492069_00005_32624_3331.N1	27-MAY-2008 05:08:19	Bright	49.000	86	35Eta Oph	2.4300	10200.	98	32624	No
73	GOM_NL__2PRFIN20080527_051054_000000362069_00005_32624_3332.N1	27-MAY-2008 05:10:54	Bright	35.500	104	27Bet Lib	2.6140	13100.	71	32624	No
74	GOM_NL__2PRFIN20080527_051230_000000422069_00005_32624_3333.N1	27-MAY-2008 05:12:30	Bright	41.500	120	1Del Oph	2.7340	3200.0	83	32624	No
75	GOM_NL__2PRFIN20080527_051532_000000382069_00005_32624_3334.N1	27-MAY-2008 05:15:32	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	32624	No
76	GOM_NL__2PRFIN20080527_052133_000000382069_00005_32624_3335.N1	27-MAY-2008 05:21:33	Bright	37.500	67	5Alp CrB	2.2210	11000.	75	32624	No
77	GOM_NL__2PRFIN20080527_052439_000000462069_00005_32624_3336.N1	27-MAY-2008 05:24:39	Bright	45.500	133	40Zet Her	2.8070	6000.0	91	32624	No
78	GOM_NL__2PRFIN20080527_053219_000000402069_00005_32624_3337.N1	27-MAY-2008 05:32:19	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	32624	No
79	GOM_NL__2PRFIN20080527_053443_000000372069_00005_32624_3338.N1	27-MAY-2008 05:34:43	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	32624	No
80	GOM_NL__2PRFIN20080527_054300_000000462069_00005_32624_3339.N1	27-MAY-2008 05:43:00	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	32624	No
81	GOM_NL__2PRFIN20080527_054728_000000352069_00005_32624_3340.N1	27-MAY-2008 05:47:28	Bright	35.000	76	27Gam Cas	2.3000	30000.	70	32624	No
82	GOM_NL__2PRFIN20080527_055501_000000402069_00005_32624_3341.N1	27-MAY-2008 05:55:01	Bright	40.000	53	43Bet And	2.0480	3300.0	80	32624	No
83	GOM_NL__2PRFIN20080527_055737_000000492069_00005_32624_3342.N1	27-MAY-2008 05:57:37	Tw_i_and_stray	48.500	58	21Alp And	2.0730	11000.	97	32624	No
84	GOM_NL__2PRFIN20080527_060216_000000482069_00005_32624_3343.N1	27-MAY-2008 06:02:16	Dark	47.500	140	88Gam Peg	2.8340	26000.	95	32624	No
85	GOM_NL__2PRFIN20080527_061110_000000462069_00005_32624_3344.N1	27-MAY-2008 06:11:10	Dark	46.000	52	16Bet Cet	2.0370	4500.0	92	32624	No
86	GOM_NL__2PRFIN20080527_062254_000000612069_00006_32625_3329.N1	27-MAY-2008 06:22:54	Dark	60.500	63	Bet Gru	2.1500	2800.0	121	32625	No
87	GOM_NL__2PRFIN20080527_062441_000000462069_00006_32625_3330.N1	27-MAY-2008 06:24:41	Dark	46.000	31	Alp Gru	1.7340	15200.	92	32625	No
88	GOM_NL__2PRFIN20080527_062954_000000422069_00006_32625_3331.N1	27-MAY-2008 06:29:54	Dark	42.000	45	Alp Pav	1.9400	26000.	84	32625	No
89	GOM_NL__2PRFIN20080527_063625_000000422069_00006_32625_3332.N1	27-MAY-2008 06:36:25	Straylight	41.500	141	Bet Ara	2.8400	4600.0	83	32625	No
90	GOM_NL__2PRFIN20080527_063916_000000482069_00006_32625_3333.N1	27-MAY-2008 06:39:16	Straylight	48.000	40	The Sco	1.8590	7100.0	96	32625	No
91	GOM_NL__2PRFIN20080527_064106_000000502069_00006_32625_3334.N1	27-MAY-2008 06:41:06	Tw_i_and_stray	49.500	25	35Lam Sco	1.6200	28000.	99	32625	No
92	GOM_NL__2PRFIN20080527_064300_000000502069_00006_32625_3335.N1	27-MAY-2008 06:43:00	Tw_i_and_stray	49.500	75	26Eps Sco	2.2910	4250.0	99	32625	No
93	GOM_NL__2PRFIN20080527_064507_000000432069_00006_32625_3336.N1	27-MAY-2008 06:45:07	Tw_i_and_stray	42.500	136	23Tau Sco	2.8220	30000.	85	32625	No
94	GOM_NL__2PRFIN20080527_064716_000000412069_00006_32625_3337.N1	27-MAY-2008 06:47:16	Bright	41.000	80	7Del Sco	2.3160	30000.	82	32625	No
95	GOM_NL__2PRFIN20080527_064855_000000462069_00006_32625_3338.N1	27-MAY-2008 06:48:55	Bright	45.500	86	35Eta Oph	2.4300	10200.	91	32625	No
96	GOM_NL__2PRFIN20080527_065130_000000372069_00006_32625_3339.N1	27-MAY-2008 06:51:30	Bright	36.500	104	27Bet Lib	2.6140	13100.	73	32625	No
97	GOM_NL__2PRFIN20080527_065306_000000422069_00006_32625_3340.N1	27-MAY-2008 06:53:06	Bright	41.500	120	1Del Oph	2.7340	3200.0	83	32625	No
98	GOM_NL__2PRFIN20080527_065608_000000382069_00006_32625_3341.N1	27-MAY-2008 06:56:08	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	32625	No
99	GOM_NL__2PRFIN20080527_070209_000000402069_00006_32625_3342.N1	27-MAY-2008 07:02:09	Bright	39.500	67	5Alp CrB	2.2210	11000.	79	32625	No
100	GOM_NL__2PRFIN20080527_070514_000000462069_00006_32625_3343.N1	27-MAY-2008 07:05:14	Bright	46.000	133	40Zet Her	2.8070	6000.0	92	32625	No
101	GOM_NL__2PRFIN20080527_071255_000000382069_00006_32625_3344.N1	27-MAY-2008 07:12:55	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	32625	No

102	GOM_NL__2PRFIN20080527_071518_000000372069_00006_32625_3345.N1	27-MAY-2008 07:15:18	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	32625	No
103	GOM_NL__2PRFIN20080527_072335_000000442069_00006_32625_3346.N1	27-MAY-2008 07:23:35	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	32625	No
104	GOM_NL__2PRFIN20080527_072804_000000552069_00006_32625_3347.N1	27-MAY-2008 07:28:04	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	32625	No
105	GOM_NL__2PRFIN20080527_073537_000000402069_00006_32625_3348.N1	27-MAY-2008 07:35:37	Bright	40.000	53	43Bet And	2.0480	3300.0	80	32625	No
106	GOM_NL__2PRFIN20080527_073813_000000512069_00006_32625_3349.N1	27-MAY-2008 07:38:13	Twilight	51.000	58	21Alp And	2.0730	11000.	102	32625	No
107	GOM_NL__2PRFIN20080527_074253_000000492069_00006_32625_3350.N1	27-MAY-2008 07:42:53	Dark	48.500	140	88Gam Peg	2.8340	26000.	97	32625	No
108	GOM_NL__2PRFIN20080527_075146_000000462069_00006_32625_3351.N1	27-MAY-2008 07:51:46	Dark	45.500	52	16Bet Cet	2.0370	4500.0	91	32625	No
109	GOM_NL__2PRFIN20080527_080331_000000592069_00007_32626_3336.N1	27-MAY-2008 08:03:31	Dark	58.500	63	Bet Gru	2.1500	2800.0	117	32626	No
110	GOM_NL__2PRFIN20080527_080518_000000432069_00007_32626_3337.N1	27-MAY-2008 08:05:18	Dark	43.000	31	Alp Gru	1.7340	15200.	86	32626	No
111	GOM_NL__2PRFIN20080527_081030_000000422069_00007_32626_3338.N1	27-MAY-2008 08:10:30	Dark	41.500	45	Alp Pav	1.9400	26000.	83	32626	No
112	GOM_NL__2PRFIN20080527_081701_000000422069_00007_32626_3339.N1	27-MAY-2008 08:17:01	Straylight	41.500	141	Bet Ara	2.8400	4600.0	83	32626	No
113	GOM_NL__2PRFIN20080527_081953_000000452069_00007_32626_3340.N1	27-MAY-2008 08:19:53	Straylight	44.500	40	The Sco	1.8590	7100.0	89	32626	No
114	GOM_NL__2PRFIN20080527_082142_000000472069_00007_32626_3341.N1	27-MAY-2008 08:21:42	Straylight	47.000	25	35Lam Sco	1.6200	28000.	94	32626	No
115	GOM_NL__2PRFIN20080527_082336_000000432069_00007_32626_3342.N1	27-MAY-2008 08:23:36	Twilight	43.000	75	26Eps Sco	2.2910	4250.0	86	32626	No
116	GOM_NL__2PRFIN20080527_082543_000000422069_00007_32626_3343.N1	27-MAY-2008 08:25:43	Twilight	42.000	136	23Tau Sco	2.8220	30000.	84	32626	No
117	GOM_NL__2PRFIN20080527_082753_000000402069_00007_32626_3344.N1	27-MAY-2008 08:27:53	Bright	40.000	80	7Del Sco	2.3160	30000.	80	32626	No
118	GOM_NL__2PRFIN20080527_082931_000000472069_00007_32626_3345.N1	27-MAY-2008 08:29:31	Bright	46.500	86	35Eta Oph	2.4300	10200.	93	32626	No
119	GOM_NL__2PRFIN20080527_083206_000000372069_00007_32626_3346.N1	27-MAY-2008 08:32:06	Bright	36.500	104	27Bet Lib	2.6140	13100.	73	32626	No
120	GOM_NL__2PRFIN20080527_083342_000000422069_00007_32626_3347.N1	27-MAY-2008 08:33:42	Bright	41.500	120	1Del Oph	2.7340	3200.0	83	32626	No
121	GOM_NL__2PRFIN20080527_083644_000000382069_00007_32626_3348.N1	27-MAY-2008 08:36:44	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	32626	No
122	GOM_NL__2PRFIN20080527_084245_000000382069_00007_32626_3349.N1	27-MAY-2008 08:42:45	Bright	37.500	67	5Alp CrB	2.2210	11000.	75	32626	No
123	GOM_NL__2PRFIN20080527_084549_000000432069_00007_32626_3350.N1	27-MAY-2008 08:45:49	Bright	42.500	133	40Zet Her	2.8070	6000.0	85	32626	No
124	GOM_NL__2PRFIN20080527_085330_000000402069_00007_32626_3351.N1	27-MAY-2008 08:53:30	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	32626	No
125	GOM_NL__2PRFIN20080527_085554_000000342069_00007_32626_3352.N1	27-MAY-2008 08:55:54	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	32626	No
126	GOM_NL__2PRFIN20080527_090411_000000472069_00007_32626_3353.N1	27-MAY-2008 09:04:11	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	32626	No
127	GOM_NL__2PRFIN20080527_090840_000000552069_00007_32626_3354.N1	27-MAY-2008 09:08:40	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	32626	No
128	GOM_NL__2PRFIN20080527_091613_000000552069_00007_32626_3355.N1	27-MAY-2008 09:16:13	Bright	55.000	53	43Bet And	2.0480	3300.0	110	32626	No
129	GOM_NL__2PRFIN20080527_091850_000000492069_00007_32626_3356.N1	27-MAY-2008 09:18:50	Twilight	48.500	58	21Alp And	2.0730	11000.	97	32626	No
130	GOM_NL__2PRFIN20080527_092329_000000492069_00007_32626_3357.N1	27-MAY-2008 09:23:29	Dark	49.000	140	88Gam Peg	2.8340	26000.	98	32626	No
131	GOM_NL__2PRFIN20080527_093223_000000472069_00007_32626_3358.N1	27-MAY-2008 09:32:23	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	32626	No
132	GOM_NL__2PRFIN20080527_094555_000000452069_00008_32627_3343.N1	27-MAY-2008 09:45:55	Dark	45.000	31	Alp Gru	1.7340	15200.	90	32627	No
133	GOM_NL__2PRFIN20080527_095107_000000412069_00008_32627_3344.N1	27-MAY-2008 09:51:07	Dark	40.500	45	Alp Pav	1.9400	26000.	81	32627	No
134	GOM_NL__2PRFIN20080527_095737_000000392069_00008_32627_3345.N1	27-MAY-2008 09:57:37	Straylight	39.000	141	Bet Ara	2.8400	4600.0	78	32627	No
135	GOM_NL__2PRFIN20080527_100029_000000492069_00008_32627_3346.N1	27-MAY-2008 10:00:29	Straylight	49.000	40	The Sco	1.8590	7100.0	98	32627	No
136	GOM_NL__2PRFIN20080527_100219_000000482069_00008_32627_3347.N1	27-MAY-2008 10:02:19	Twilight	48.000	25	35Lam Sco	1.6200	28000.	96	32627	No
137	GOM_NL__2PRFIN20080527_100413_000000462069_00008_32627_3348.N1	27-MAY-2008 10:04:13	Twilight	45.500	75	26Eps Sco	2.2910	4250.0	91	32627	No
138	GOM_NL__2PRFIN20080527_100619_000000442069_00008_32627_3349.N1	27-MAY-2008 10:06:19	Twilight	43.500	136	23Tau Sco	2.8220	30000.	87	32627	No
139	GOM_NL__2PRFIN20080527_100829_000000402069_00008_32627_3350.N1	27-MAY-2008 10:08:29	Bright	40.000	80	7Del Sco	2.3160	30000.	80	32627	No
140	GOM_NL__2PRFIN20080527_101007_000000492069_00008_32627_3351.N1	27-MAY-2008 10:10:07	Bright	48.500	86	35Eta Oph	2.4300	10200.	97	32627	No
141	GOM_NL__2PRFIN20080527_101242_000000362069_00008_32627_3352.N1	27-MAY-2008 10:12:42	Bright	35.500	104	27Bet Lib	2.6140	13100.	71	32627	No
142	GOM_NL__2PRFIN20080527_101418_000000422069_00008_32627_3353.N1	27-MAY-2008 10:14:18	Bright	41.500	120	1Del Oph	2.7340	3200.0	83	32627	No
143	GOM_NL__2PRFIN20080527_101720_000000382069_00008_32627_3354.N1	27-MAY-2008 10:17:20	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	32627	No
144	GOM_NL__2PRFIN20080527_102321_000000402069_00008_32627_3355.N1	27-MAY-2008 10:23:21	Bright	39.500	67	5Alp CrB	2.2210	11000.	79	32627	No
145	GOM_NL__2PRFIN20080527_102625_000000452069_00008_32627_3356.N1	27-MAY-2008 10:26:25	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	32627	No
146	GOM_NL__2PRFIN20080527_103406_000000402069_00008_32627_3357.N1	27-MAY-2008 10:34:06	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	32627	No
147	GOM_NL__2PRFIN20080527_103630_000000382069_00008_32627_3358.N1	27-MAY-2008 10:36:30	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	32627	No
148	GOM_NL__2PRFIN20080527_104446_000000452069_00008_32627_3359.N1	27-MAY-2008 10:44:46	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	32627	No
149	GOM_NL__2PRFIN20080527_104916_000000452069_00008_32627_3360.N1	27-MAY-2008 10:49:16	Bright	44.500	76	27Gam Cas	2.3000	30000.	89	32627	No
150	GOM_NL__2PRFIN20080527_105649_000000522069_00008_32627_3361.N1	27-MAY-2008 10:56:49	Bright	52.000	53	43Bet And	2.0480	3300.0	104	32627	No
151	GOM_NL__2PRFIN20080527_105926_000000512069_00008_32627_3362.N1	27-MAY-2008 10:59:26	Twilight	51.000	58	21Alp And	2.0730	11000.	102	32627	No
152	GOM_NL__2PRFIN20080527_110406_000000472069_00008_32627_3363.N1	27-MAY-2008 11:04:06	Dark	46.500	140	88Gam Peg	2.8340	26000.	93	32627	No
153	GOM_NL__2PRFIN20080527_111259_000000452069_00008_32627_3364.N1	27-MAY-2008 11:12:59	Dark	45.000	52	16Bet Cet	2.0370	4500.0	90	32627	No
154	GOM_NL__2PRFIN20080527_112631_000000432069_00009_32628_3348.N1	27-MAY-2008 11:26:31	Dark	42.500	31	Alp Gru	1.7340	15200.	85	32628	No
155	GOM_NL__2PRFIN20080527_113144_000000412069_00009_32628_3349.N1	27-MAY-2008 11:31:44	Dark	41.000	45	Alp Pav	1.9400	26000.	82	32628	No
156	GOM_NL__2PRFIN20080527_113814_000000432069_00009_32628_3350.N1	27-MAY-2008 11:38:14	Straylight	42.500	141	Bet Ara	2.8400	4600.0	85	32628	No
157	GOM_NL__2PRFIN20080527_114105_000000452069_00009_32628_3351.N1	27-MAY-2008 11:41:05	Straylight	45.000	40	The Sco	1.8590	7100.0	90	32628	No
158	GOM_NL__2PRFIN20080527_114255_000000492069_00009_32628_3352.N1	27-MAY-2008 11:42:55	Twilight	49.000	25	35Lam Sco	1.6200	28000.	98	32628	No
159	GOM_NL__2PRFIN20080527_114449_000000502069_00009_32628_3353.N1	27-MAY-2008 11:44:49	Twilight	49.500	75	26Eps Sco	2.2910	4250.0	99	32628	No
160	GOM_NL__2PRFIN20080527_114655_000000482069_00009_32628_3354.N1	27-MAY-2008 11:46:55	Twilight	47.500	136	23Tau Sco	2.8220	30000.	95	32628	No



161	GOM_NL__2PRFIN20080527_114905_000000412069_00009_32628_3355.N1	27-MAY-2008 11:49:05	Bright	40.500	80	7Del Sco	2.3160	30000.	81	32628	No
162	GOM_NL__2PRFIN20080527_115043_000000492069_00009_32628_3356.N1	27-MAY-2008 11:50:43	Bright	48.500	86	35Eta Oph	2.4300	10200.	97	32628	No
163	GOM_NL__2PRFIN20080527_115319_000000352069_00009_32628_3357.N1	27-MAY-2008 11:53:19	Bright	34.500	104	27Bet Lib	2.6140	13100.	69	32628	No
164	GOM_NL__2PRFIN20080527_115453_000000412069_00009_32628_3358.N1	27-MAY-2008 11:54:53	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	32628	No
165	GOM_NL__2PRFIN20080527_115756_000000382069_00009_32628_3359.N1	27-MAY-2008 11:57:56	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	32628	No
166	GOM_NL__2PRFIN20080527_120356_000000372069_00009_32628_3360.N1	27-MAY-2008 12:03:56	Bright	36.500	67	5Alp CrB	2.2210	11000.	73	32628	No
167	GOM_NL__2PRFIN20080527_120700_000000462069_00009_32628_3361.N1	27-MAY-2008 12:07:00	Bright	45.500	133	40Zet Her	2.8070	6000.0	91	32628	No
168	GOM_NL__2PRFIN20080527_121441_000000402069_00009_32628_3362.N1	27-MAY-2008 12:14:41	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	32628	No
169	GOM_NL__2PRFIN20080527_121706_000000392069_00009_32628_3363.N1	27-MAY-2008 12:17:06	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	32628	No
170	GOM_NL__2PRFIN20080527_122521_000000452069_00009_32628_3364.N1	27-MAY-2008 12:25:21	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	32628	No
171	GOM_NL__2PRFIN20080527_122951_000000352069_00009_32628_3365.N1	27-MAY-2008 12:29:51	Bright	35.000	76	27Gam Cas	2.3000	30000.	70	32628	No
172	GOM_NL__2PRFIN20080527_123725_000000412069_00009_32628_3366.N1	27-MAY-2008 12:37:25	Bright	41.000	53	43Bet And	2.0480	3300.0	82	32628	No
173	GOM_NL__2PRFIN20080527_124002_000000532069_00009_32628_3367.N1	27-MAY-2008 12:40:02	Twi_and_stray	52.500	58	21Alp And	2.0730	11000.	105	32628	No
174	GOM_NL__2PRFIN20080527_124442_000000492069_00009_32628_3368.N1	27-MAY-2008 12:44:42	Dark	48.500	140	88Gam Peg	2.8340	26000.	97	32628	No
175	GOM_NL__2PRFIN20080527_125336_000000482069_00009_32628_3369.N1	27-MAY-2008 12:53:36	Dark	48.000	52	16Bet Cet	2.0370	4500.0	96	32628	No
176	GOM_NL__2PRFIN20080527_130521_000000492069_00010_32629_3362.N1	27-MAY-2008 13:05:21	Dark	48.500	63	Bet Gru	2.1500	2800.0	97	32629	No
177	GOM_NL__2PRFIN20080527_130708_000000462069_00010_32629_3363.N1	27-MAY-2008 13:07:08	Dark	46.000	31	Alp Gru	1.7340	15200.	92	32629	No
178	GOM_NL__2PRFIN20080527_131220_000000422069_00010_32629_3364.N1	27-MAY-2008 13:12:20	Dark	42.000	45	Alp Pav	1.9400	26000.	84	32629	No
179	GOM_NL__2PRFIN20080527_131850_000000442069_00010_32629_3365.N1	27-MAY-2008 13:18:50	Straylight	43.500	141	Bet Ara	2.8400	4600.0	87	32629	No
180	GOM_NL__2PRFIN20080527_132142_000000442069_00010_32629_3366.N1	27-MAY-2008 13:21:42	Straylight	43.500	40	The Sco	1.8590	7100.0	87	32629	No
181	GOM_NL__2PRFIN20080527_132331_000000472069_00010_32629_3367.N1	27-MAY-2008 13:23:31	Twi_and_stray	46.500	25	35Lam Sco	1.6200	28000.	93	32629	No
182	GOM_NL__2PRFIN20080527_132525_000000442069_00010_32629_3368.N1	27-MAY-2008 13:25:25	Twi_and_stray	44.000	75	26Eps Sco	2.2910	4250.0	88	32629	No
183	GOM_NL__2PRFIN20080527_132731_000000432069_00010_32629_3369.N1	27-MAY-2008 13:27:31	Twi_and_stray	43.000	136	23Tau Sco	2.8220	30000.	86	32629	No
184	GOM_NL__2PRFIN20080527_132941_000000392069_00010_32629_3370.N1	27-MAY-2008 13:29:41	Bright	39.000	80	7Del Sco	2.3160	30000.	78	32629	No
185	GOM_NL__2PRFIN20080527_133119_000000492069_00010_32629_3371.N1	27-MAY-2008 13:31:19	Bright	49.000	86	35Eta Oph	2.4300	10200.	98	32629	No
186	GOM_NL__2PRFIN20080527_133402_000000282069_00010_32629_3372.N1	27-MAY-2008 13:34:02	Dark	27.500	104	27Bet Lib	2.6140	13100.	55	32629	Yes
187	GOM_NL__2PRFIN20080527_133529_000000422069_00010_32629_3373.N1	27-MAY-2008 13:35:29	Bright	41.500	120	1Del Oph	2.7340	3200.0	83	32629	No
188	GOM_NL__2PRFIN20080527_133831_000000392069_00010_32629_3374.N1	27-MAY-2008 13:38:31	Bright	38.500	102	24Alp Ser	2.6000	4250.0	77	32629	No
189	GOM_NL__2PRFIN20080527_134432_000000392069_00010_32629_3375.N1	27-MAY-2008 13:44:32	Bright	39.000	67	5Alp CrB	2.2210	11000.	78	32629	No
190	GOM_NL__2PRFIN20080527_134735_000000452069_00010_32629_3376.N1	27-MAY-2008 13:47:35	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	32629	No
191	GOM_NL__2PRFIN20080527_135517_000000402069_00010_32629_3377.N1	27-MAY-2008 13:55:17	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	32629	No
192	GOM_NL__2PRFIN20080527_135742_000000372069_00010_32629_3378.N1	27-MAY-2008 13:57:42	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	32629	No
193	GOM_NL__2PRFIN20080527_140557_000000452069_00010_32629_3379.N1	27-MAY-2008 14:05:57	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	32629	No
194	GOM_NL__2PRFIN20080527_141027_000000362069_00010_32629_3380.N1	27-MAY-2008 14:10:27	Bright	36.000	76	27Gam Cas	2.3000	30000.	72	32629	No
195	GOM_NL__2PRFIN20080527_141801_000000402069_00010_32629_3381.N1	27-MAY-2008 14:18:01	Bright	39.500	53	43Bet And	2.0480	3300.0	79	32629	No
196	GOM_NL__2PRFIN20080527_142038_000000512069_00010_32629_3382.N1	27-MAY-2008 14:20:38	Twi_and_stray	50.500	58	21Alp And	2.0730	11000.	101	32629	No
197	GOM_NL__2PRFIN20080527_142518_000000502069_00010_32629_3383.N1	27-MAY-2008 14:25:18	Dark	50.000	140	88Gam Peg	2.8340	26000.	100	32629	No
198	GOM_NL__2PRFIN20080527_143412_000000452069_00010_32629_3384.N1	27-MAY-2008 14:34:12	Dark	45.000	52	16Bet Cet	2.0370	4500.0	90	32629	No
199	GOM_NL__2PRFIN20080527_144558_000000592069_00011_32630_3370.N1	27-MAY-2008 14:45:58	Dark	59.000	63	Bet Gru	2.1500	2800.0	118	32630	No
200	GOM_NL__2PRFIN20080527_144745_000000462069_00011_32630_3371.N1	27-MAY-2008 14:47:45	Dark	45.500	31	Alp Gru	1.7340	15200.	91	32630	No
201	GOM_NL__2PRFIN20080527_145257_000000422069_00011_32630_3372.N1	27-MAY-2008 14:52:57	Dark	41.500	45	Alp Pav	1.9400	26000.	83	32630	No
202	GOM_NL__2PRFIN20080527_145926_000000392069_00011_32630_3373.N1	27-MAY-2008 14:59:26	Straylight	39.000	141	Bet Ara	2.8400	4600.0	78	32630	No
203	GOM_NL__2PRFIN20080527_150218_000000442069_00011_32630_3374.N1	27-MAY-2008 15:02:18	Straylight	43.500	40	The Sco	1.8590	7100.0	87	32630	No
204	GOM_NL__2PRFIN20080527_150408_000000472069_00011_32630_3375.N1	27-MAY-2008 15:04:08	Twi_and_stray	47.000	25	35Lam Sco	1.6200	28000.	94	32630	No
205	GOM_NL__2PRFIN20080527_150601_000000482069_00011_32630_3376.N1	27-MAY-2008 15:06:01	Twi_and_stray	47.500	75	26Eps Sco	2.2910	4250.0	95	32630	No
206	GOM_NL__2PRFIN20080527_150807_000000422069_00011_32630_3377.N1	27-MAY-2008 15:08:07	Twi_and_stray	41.500	136	23Tau Sco	2.8220	30000.	83	32630	No
207	GOM_NL__2PRFIN20080527_151350_000000432069_00011_32630_3378.N1	27-MAY-2008 15:13:50	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	32630	No
208	GOM_NL__2PRFIN20080527_151907_000000392069_00011_32630_3379.N1	27-MAY-2008 15:19:07	Bright	38.500	102	24Alp Ser	2.6000	4250.0	77	32630	No
209	GOM_NL__2PRFIN20080527_152507_000000382069_00011_32630_3380.N1	27-MAY-2008 15:25:07	Bright	37.500	67	5Alp CrB	2.2210	11000.	75	32630	No
210	GOM_NL__2PRFIN20080527_152811_000000452069_00011_32630_3381.N1	27-MAY-2008 15:28:11	Bright	45.000	133	40Zet Her	2.8070	6000.0	90	32630	No
211	GOM_NL__2PRFIN20080527_153552_000000462069_00011_32630_3382.N1	27-MAY-2008 15:35:52	Bright	46.000	119	14Eta Dra	2.7270	4700.0	92	32630	No
212	GOM_NL__2PRFIN20080527_153818_000000372069_00011_32630_3383.N1	27-MAY-2008 15:38:18	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	32630	No
213	GOM_NL__2PRFIN20080527_154632_000000682069_00011_32630_3384.N1	27-MAY-2008 15:46:32	Bright	68.000	89	5Alp Cep	2.4510	8000.0	136	32630	No
214	GOM_NL__2PRFIN20080527_155103_000000552069_00011_32630_3385.N1	27-MAY-2008 15:51:03	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	32630	No
215	GOM_NL__2PRFIN20080527_155837_000000532069_00011_32630_3386.N1	27-MAY-2008 15:58:37	Bright	52.500	53	43Bet And	2.0480	3300.0	105	32630	No
216	GOM_NL__2PRFIN20080527_160114_000000522069_00011_32630_3387.N1	27-MAY-2008 16:01:14	Twi_and_stray	51.500	58	21Alp And	2.0730	11000.	103	32630	No
217	GOM_NL__2PRFIN20080527_160555_000000472069_00011_32630_3388.N1	27-MAY-2008 16:05:55	Dark	47.000	140	88Gam Peg	2.8340	26000.	94	32630	No
218	GOM_NL__2PRFIN20080527_161449_000000422069_00011_32630_3389.N1	27-MAY-2008 16:14:49	Dark	41.500	52	16Bet Cet	2.0370	4500.0	83	32630	No
219	GOM_NL__2PRFIN20080527_162635_000000432069_00012_32631_3379.N1	27-MAY-2008 16:26:35	Dark	43.000	63	Bet Gru	2.1500	2800.0	86	32631	No

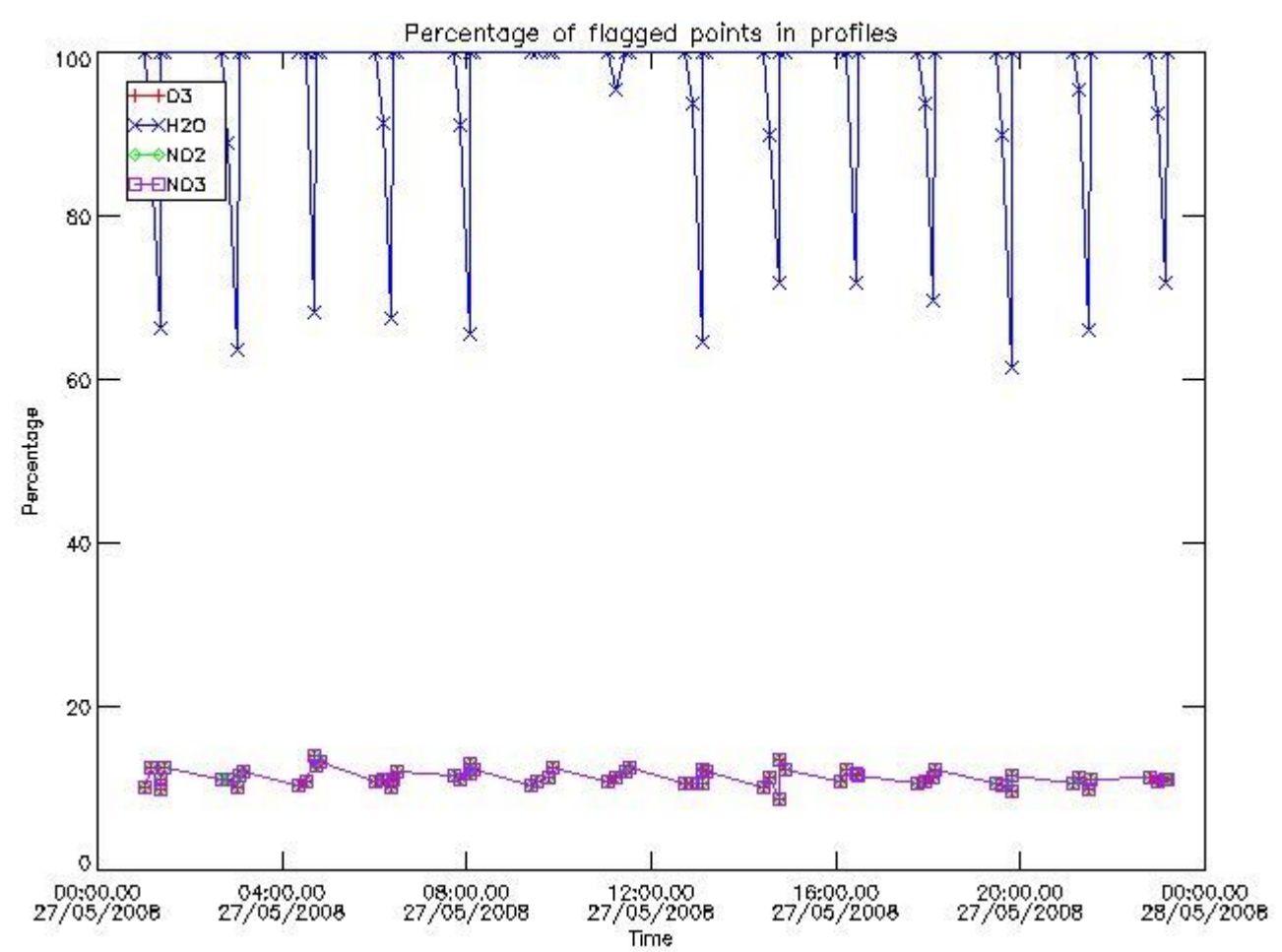
220	GOM_NL__2PRFIN20080527_162822_000000452069_00012_32631_3380.N1	27-MAY-2008 16:28:22	Dark	44.500	31	Alp Gru	1.7340	15200.	89	32631	No
221	GOM_NL__2PRFIN20080527_163334_000000422069_00012_32631_3381.N1	27-MAY-2008 16:33:34	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	32631	No
222	GOM_NL__2PRFIN20080527_164003_000000402069_00012_32631_3382.N1	27-MAY-2008 16:40:03	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	32631	No
223	GOM_NL__2PRFIN20080527_164255_000000442069_00012_32631_3383.N1	27-MAY-2008 16:42:55	Straylight	44.000	40	The Sco	1.8590	7100.0	88	32631	No
224	GOM_NL__2PRFIN20080527_164444_000000452069_00012_32631_3384.N1	27-MAY-2008 16:44:44	Tw_i_and_stray	45.000	25	35Lam Sco	1.6200	28000.	90	32631	No
225	GOM_NL__2PRFIN20080527_164638_000000472069_00012_32631_3385.N1	27-MAY-2008 16:46:38	Tw_i_and_stray	46.500	75	26Eps Sco	2.2910	4250.0	93	32631	No
226	GOM_NL__2PRFIN20080527_164844_000000422069_00012_32631_3386.N1	27-MAY-2008 16:48:44	Tw_i_and_stray	42.000	136	23Tau Sco	2.8220	30000.	84	32631	No
227	GOM_NL__2PRFIN20080527_165427_000000422069_00012_32631_3387.N1	27-MAY-2008 16:54:27	Bright	42.000	98	13Zet Oph	2.5710	30000.	84	32631	No
228	GOM_NL__2PRFIN20080527_165943_000000382069_00012_32631_3388.N1	27-MAY-2008 16:59:43	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	32631	No
229	GOM_NL__2PRFIN20080527_170543_000000392069_00012_32631_3389.N1	27-MAY-2008 17:05:43	Bright	38.500	67	5Alp CrB	2.2210	11000.	77	32631	No
230	GOM_NL__2PRFIN20080527_170846_000000452069_00012_32631_3390.N1	27-MAY-2008 17:08:46	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	32631	No
231	GOM_NL__2PRFIN20080527_171628_000000402069_00012_32631_3391.N1	27-MAY-2008 17:16:28	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	32631	No
232	GOM_NL__2PRFIN20080527_171854_000000392069_00012_32631_3392.N1	27-MAY-2008 17:18:54	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	32631	No
233	GOM_NL__2PRFIN20080527_172708_000000472069_00012_32631_3393.N1	27-MAY-2008 17:27:08	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	32631	No
234	GOM_NL__2PRFIN20080527_173139_000000352069_00012_32631_3394.N1	27-MAY-2008 17:31:39	Bright	34.500	76	27Gam Cas	2.3000	30000.	69	32631	No
235	GOM_NL__2PRFIN20080527_173914_000000422069_00012_32631_3395.N1	27-MAY-2008 17:39:14	Bright	42.000	53	43Bet And	2.0480	3300.0	84	32631	No
236	GOM_NL__2PRFIN20080527_174150_000000512069_00012_32631_3396.N1	27-MAY-2008 17:41:50	Tw_i_and_stray	51.000	58	21Alp And	2.0730	11000.	102	32631	No
237	GOM_NL__2PRFIN20080527_174631_000000482069_00012_32631_3397.N1	27-MAY-2008 17:46:31	Dark	48.000	140	88Gam Peg	2.8340	26000.	96	32631	No
238	GOM_NL__2PRFIN20080527_175525_000000482069_00012_32631_3398.N1	27-MAY-2008 17:55:25	Dark	47.500	52	16Bet Cet	2.0370	4500.0	95	32631	No
239	GOM_NL__2PRFIN20080527_180712_000000452069_00013_32632_3386.N1	27-MAY-2008 18:07:12	Dark	45.000	63	Bet Gru	2.1500	2800.0	90	32632	No
240	GOM_NL__2PRFIN20080527_180859_000000462069_00013_32632_3387.N1	27-MAY-2008 18:08:59	Dark	45.500	31	Alp Gru	1.7340	15200.	91	32632	No
241	GOM_NL__2PRFIN20080527_181410_000000412069_00013_32632_3388.N1	27-MAY-2008 18:14:10	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	32632	No
242	GOM_NL__2PRFIN20080527_182039_000000402069_00013_32632_3389.N1	27-MAY-2008 18:20:39	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	32632	No
243	GOM_NL__2PRFIN20080527_182331_000000482069_00013_32632_3390.N1	27-MAY-2008 18:23:31	Straylight	47.500	40	The Sco	1.8590	7100.0	95	32632	No
244	GOM_NL__2PRFIN20080527_182521_000000442069_00013_32632_3391.N1	27-MAY-2008 18:25:21	Tw_i_and_stray	44.000	25	35Lam Sco	1.6200	28000.	88	32632	No
245	GOM_NL__2PRFIN20080527_182714_000000482069_00013_32632_3392.N1	27-MAY-2008 18:27:14	Tw_i_and_stray	47.500	75	26Eps Sco	2.2910	4250.0	95	32632	No
246	GOM_NL__2PRFIN20080527_182920_000000432069_00013_32632_3393.N1	27-MAY-2008 18:29:20	Tw_i_and_stray	42.500	136	23Tau Sco	2.8220	30000.	85	32632	No
247	GOM_NL__2PRFIN20080527_183503_000000432069_00013_32632_3394.N1	27-MAY-2008 18:35:03	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	32632	No
248	GOM_NL__2PRFIN20080527_183717_000000422069_00013_32632_3395.N1	27-MAY-2008 18:37:17	Bright	41.500	120	1Del Oph	2.7340	3200.0	83	32632	No
249	GOM_NL__2PRFIN20080527_184019_000000382069_00013_32632_3396.N1	27-MAY-2008 18:40:19	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	32632	No
250	GOM_NL__2PRFIN20080527_184619_000000382069_00013_32632_3397.N1	27-MAY-2008 18:46:19	Bright	38.000	67	5Alp CrB	2.2210	11000.	76	32632	No
251	GOM_NL__2PRFIN20080527_184921_000000452069_00013_32632_3398.N1	27-MAY-2008 18:49:21	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	32632	No
252	GOM_NL__2PRFIN20080527_185704_000000402069_00013_32632_3399.N1	27-MAY-2008 18:57:04	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	32632	No
253	GOM_NL__2PRFIN20080527_185930_000000372069_00013_32632_3400.N1	27-MAY-2008 18:59:30	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	32632	No
254	GOM_NL__2PRFIN20080527_190743_000000472069_00013_32632_3401.N1	27-MAY-2008 19:07:43	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	32632	No
255	GOM_NL__2PRFIN20080527_191215_000000552069_00013_32632_3402.N1	27-MAY-2008 19:12:15	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	32632	No
256	GOM_NL__2PRFIN20080527_191950_000000412069_00013_32632_3403.N1	27-MAY-2008 19:19:50	Bright	41.000	53	43Bet And	2.0480	3300.0	82	32632	No
257	GOM_NL__2PRFIN20080527_192226_000000502069_00013_32632_3404.N1	27-MAY-2008 19:22:26	Tw_i_and_stray	49.500	58	21Alp And	2.0730	11000.	99	32632	No
258	GOM_NL__2PRFIN20080527_192708_000000482069_00013_32632_3405.N1	27-MAY-2008 19:27:08	Dark	48.000	140	88Gam Peg	2.8340	26000.	96	32632	No
259	GOM_NL__2PRFIN20080527_193602_000000502069_00013_32632_3406.N1	27-MAY-2008 19:36:02	Dark	49.500	52	16Bet Cet	2.0370	4500.0	99	32632	No
260	GOM_NL__2PRFIN20080527_194748_000000542069_00014_32633_3391.N1	27-MAY-2008 19:47:48	Dark	53.500	63	Bet Gru	2.1500	2800.0	107	32633	No
261	GOM_NL__2PRFIN20080527_194936_000000442069_00014_32633_3392.N1	27-MAY-2008 19:49:36	Dark	44.000	31	Alp Gru	1.7340	15200.	88	32633	No
262	GOM_NL__2PRFIN20080527_195447_000000422069_00014_32633_3393.N1	27-MAY-2008 19:54:47	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	32633	No
263	GOM_NL__2PRFIN20080527_200115_000000412069_00014_32633_3394.N1	27-MAY-2008 20:01:15	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	32633	No
264	GOM_NL__2PRFIN20080527_200408_000000492069_00014_32633_3395.N1	27-MAY-2008 20:04:08	Straylight	49.000	40	The Sco	1.8590	7100.0	98	32633	No
265	GOM_NL__2PRFIN20080527_200557_000000482069_00014_32633_3396.N1	27-MAY-2008 20:05:57	Tw_i_and_stray	48.000	25	35Lam Sco	1.6200	28000.	96	32633	No
266	GOM_NL__2PRFIN20080527_200750_000000472069_00014_32633_3397.N1	27-MAY-2008 20:07:50	Tw_i_and_stray	47.000	75	26Eps Sco	2.2910	4250.0	94	32633	No
267	GOM_NL__2PRFIN20080527_200956_000000542069_00014_32633_3398.N1	27-MAY-2008 20:09:56	Tw_i_and_stray	53.500	136	23Tau Sco	2.8220	30000.	107	32633	No
268	GOM_NL__2PRFIN20080527_201539_000000422069_00014_32633_3399.N1	27-MAY-2008 20:15:39	Bright	42.000	98	13Zet Oph	2.5710	30000.	84	32633	No
269	GOM_NL__2PRFIN20080527_201753_000000412069_00014_32633_3400.N1	27-MAY-2008 20:17:53	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	32633	No
270	GOM_NL__2PRFIN20080527_202055_000000382069_00014_32633_3401.N1	27-MAY-2008 20:20:55	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	32633	No
271	GOM_NL__2PRFIN20080527_202655_000000382069_00014_32633_3402.N1	27-MAY-2008 20:26:55	Bright	38.000	67	5Alp CrB	2.2210	11000.	76	32633	No
272	GOM_NL__2PRFIN20080527_202957_000000442069_00014_32633_3403.N1	27-MAY-2008 20:29:57	Bright	44.000	133	40Zet Her	2.8070	6000.0	88	32633	No
273	GOM_NL__2PRFIN20080527_203739_000000402069_00014_32633_3404.N1	27-MAY-2008 20:37:39	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	32633	No
274	GOM_NL__2PRFIN20080527_204005_000000382069_00014_32633_3405.N1	27-MAY-2008 20:40:05	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	32633	No
275	GOM_NL__2PRFIN20080527_204818_000000452069_00014_32633_3406.N1	27-MAY-2008 20:48:18	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	32633	No
276	GOM_NL__2PRFIN20080527_205251_000000552069_00014_32633_3407.N1	27-MAY-2008 20:52:51	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	32633	No
277	GOM_NL__2PRFIN20080527_210026_000000412069_00014_32633_3408.N1	27-MAY-2008 21:00:26	Bright	40.500	53	43Bet And	2.0480	3300.0	81	32633	No
278	GOM_NL__2PRFIN20080527_210302_000000522069_00014_32633_3409.N1	27-MAY-2008 21:03:02	Tw_i_and_stray	51.500	58	21Alp And	2.0730	11000.	103	32633	No

279	GOM_NL__2PRFIN20080527_210744_000000482069_00014_32633_3410.N1	27-MAY-2008 21:07:44	Dark	47.500	140	88Gam Peg	2.8340	26000.	95	32633	No
280	GOM_NL__2PRFIN20080527_211638_000000452069_00014_32633_3411.N1	27-MAY-2008 21:16:38	Dark	45.000	52	16Bet Cet	2.0370	4500.0	90	32633	No
281	GOM_NL__2PRFIN20080527_212825_000000572069_00015_32634_3405.N1	27-MAY-2008 21:28:25	Dark	56.500	63	Bet Gru	2.1500	2800.0	113	32634	No
282	GOM_NL__2PRFIN20080527_213012_000000462069_00015_32634_3406.N1	27-MAY-2008 21:30:12	Dark	45.500	31	Alp Gru	1.7340	15200.	91	32634	No
283	GOM_NL__2PRFIN20080527_213524_000000422069_00015_32634_3407.N1	27-MAY-2008 21:35:24	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	32634	No
284	GOM_NL__2PRFIN20080527_214152_000000432069_00015_32634_3408.N1	27-MAY-2008 21:41:52	Straylight	43.000	141	Bet Ara	2.8400	4600.0	86	32634	No
285	GOM_NL__2PRFIN20080527_214444_000000452069_00015_32634_3409.N1	27-MAY-2008 21:44:44	Straylight	45.000	40	The Sco	1.8590	7100.0	90	32634	No
286	GOM_NL__2PRFIN20080527_214633_000000462069_00015_32634_3410.N1	27-MAY-2008 21:46:33	Twilight_and_stray	46.000	25	35Lam Sco	1.6200	28000.	92	32634	No
287	GOM_NL__2PRFIN20080527_214826_000000462069_00015_32634_3411.N1	27-MAY-2008 21:48:26	Twilight_and_stray	45.500	75	26Eps Sco	2.2910	4250.0	91	32634	No
288	GOM_NL__2PRFIN20080527_215032_000000412069_00015_32634_3412.N1	27-MAY-2008 21:50:32	Twilight_and_stray	41.000	136	23Tau Sco	2.8220	30000.	82	32634	No
289	GOM_NL__2PRFIN20080527_215614_000000432069_00015_32634_3413.N1	27-MAY-2008 21:56:14	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	32634	No
290	GOM_NL__2PRFIN20080527_215829_000000422069_00015_32634_3414.N1	27-MAY-2008 21:58:29	Bright	41.500	120	1Del Oph	2.7340	3200.0	83	32634	No
291	GOM_NL__2PRFIN20080527_220131_000000382069_00015_32634_3415.N1	27-MAY-2008 22:01:31	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	32634	No
292	GOM_NL__2PRFIN20080527_220731_000000382069_00015_32634_3416.N1	27-MAY-2008 22:07:31	Bright	37.500	67	5Alp CrB	2.2210	11000.	75	32634	No
293	GOM_NL__2PRFIN20080527_221032_000000442069_00015_32634_3417.N1	27-MAY-2008 22:10:32	Bright	43.500	133	40Zet Her	2.8070	6000.0	87	32634	No
294	GOM_NL__2PRFIN20080527_221815_000000402069_00015_32634_3418.N1	27-MAY-2008 22:18:15	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	32634	No
295	GOM_NL__2PRFIN20080527_222041_000000372069_00015_32634_3419.N1	27-MAY-2008 22:20:41	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	32634	No
296	GOM_NL__2PRFIN20080527_222854_000000442069_00015_32634_3420.N1	27-MAY-2008 22:28:54	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	32634	No
297	GOM_NL__2PRFIN20080527_223327_000000552069_00015_32634_3421.N1	27-MAY-2008 22:33:27	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	32634	No
298	GOM_NL__2PRFIN20080527_224102_000000522069_00015_32634_3422.N1	27-MAY-2008 22:41:02	Bright	52.000	53	43Bet And	2.0480	3300.0	104	32634	No
299	GOM_NL__2PRFIN20080527_224338_000000512069_00015_32634_3423.N1	27-MAY-2008 22:43:38	Twilight_and_stray	51.000	58	21Alp And	2.0730	11000.	102	32634	No
300	GOM_NL__2PRFIN20080527_224820_000000502069_00015_32634_3424.N1	27-MAY-2008 22:48:20	Dark	49.500	140	88Gam Peg	2.8340	26000.	99	32634	No
301	GOM_NL__2PRFIN20080527_225714_000000472069_00015_32634_3425.N1	27-MAY-2008 22:57:14	Dark	47.000	52	16Bet Cet	2.0370	4500.0	94	32634	No
302	GOM_NL__2PRFIN20080527_230902_000000592069_00016_32635_3387.N1	27-MAY-2008 23:09:02	Dark	59.000	63	Bet Gru	2.1500	2800.0	118	32635	No
303	GOM_NL__2PRFIN20080527_231049_000000462069_00016_32635_3388.N1	27-MAY-2008 23:10:49	Dark	45.500	31	Alp Gru	1.7340	15200.	91	32635	No
304	GOM_NL__2PRFIN20080527_231600_000000422069_00016_32635_3389.N1	27-MAY-2008 23:16:00	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	32635	No
305	GOM_NL__2PRFIN20080527_232228_000000412069_00016_32635_3390.N1	27-MAY-2008 23:22:28	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	32635	No
306	GOM_NL__2PRFIN20080527_232520_000000462069_00016_32635_3391.N1	27-MAY-2008 23:25:20	Straylight	46.000	40	The Sco	1.8590	7100.0	92	32635	No
307	GOM_NL__2PRFIN20080527_232710_000000492069_00016_32635_3392.N1	27-MAY-2008 23:27:10	Twilight_and_stray	49.000	25	35Lam Sco	1.6200	28000.	98	32635	No
308	GOM_NL__2PRFIN20080527_232903_000000472069_00016_32635_3393.N1	27-MAY-2008 23:29:03	Twilight_and_stray	47.000	75	26Eps Sco	2.2910	4250.0	94	32635	No
309	GOM_NL__2PRFIN20080527_233108_000000452069_00016_32635_3394.N1	27-MAY-2008 23:31:08	Twilight_and_stray	44.500	136	23Tau Sco	2.8220	30000.	89	32635	No
310	GOM_NL__2PRFIN20080527_233650_000000442069_00016_32635_3395.N1	27-MAY-2008 23:36:50	Bright	43.500	98	13Zet Oph	2.5710	30000.	87	32635	No
311	GOM_NL__2PRFIN20080527_233904_000000412069_00016_32635_3396.N1	27-MAY-2008 23:39:04	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	32635	No
312	GOM_NL__2PRFIN20080527_234206_000000382069_00016_32635_3397.N1	27-MAY-2008 23:42:06	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	32635	No
313	GOM_NL__2PRFIN20080527_234806_000000382069_00016_32635_3398.N1	27-MAY-2008 23:48:06	Bright	38.000	67	5Alp CrB	2.2210	11000.	76	32635	No
314	GOM_NL__2PRFIN20080527_235107_000000442069_00016_32635_3399.N1	27-MAY-2008 23:51:07	Bright	43.500	133	40Zet Her	2.8070	6000.0	87	32635	No
315	GOM_NL__2PRFIN20080527_235851_000000382069_00016_32635_3400.N1	27-MAY-2008 23:58:51	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	32635	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.

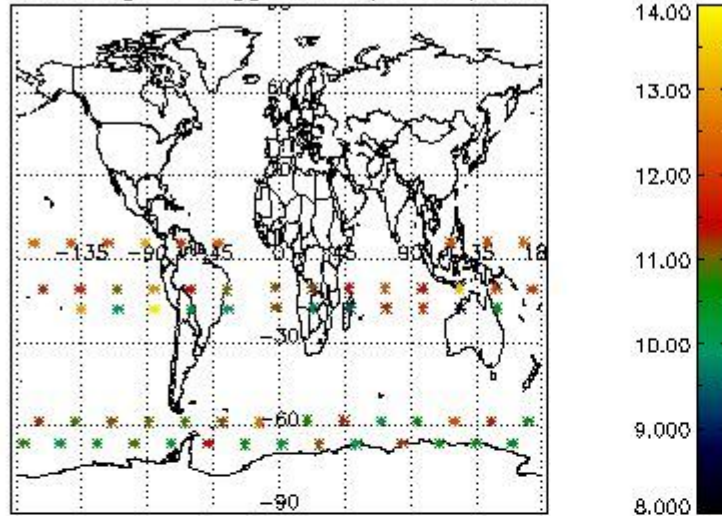
#### 3.1 Plot quality information per product (time dependant)



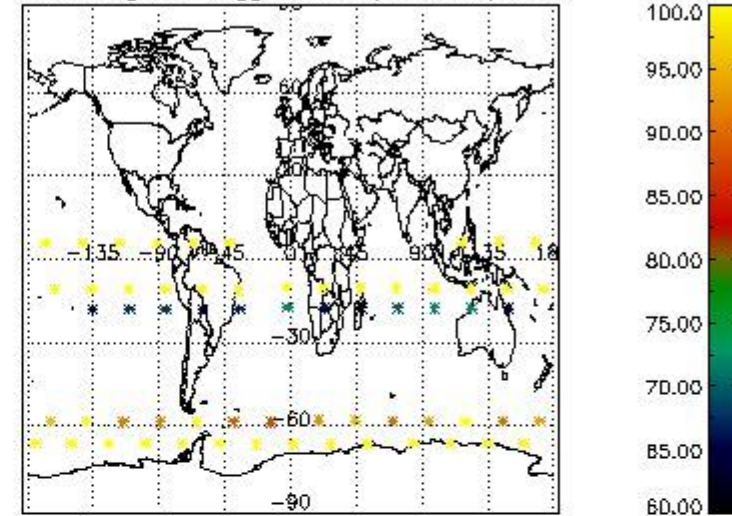
3.2 Plot quality information per product (world map)



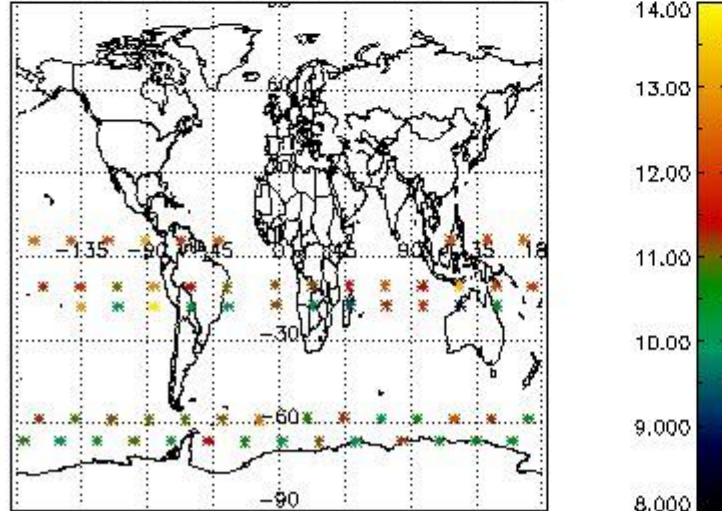
Percentage of flagged data per O3 profile



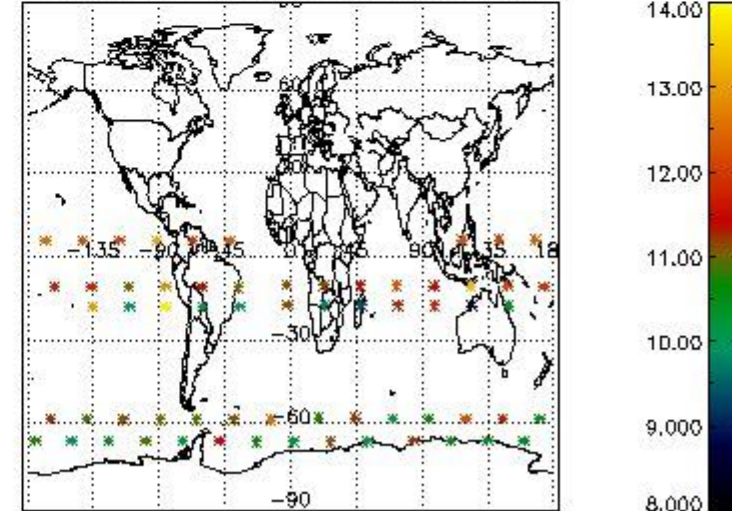
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

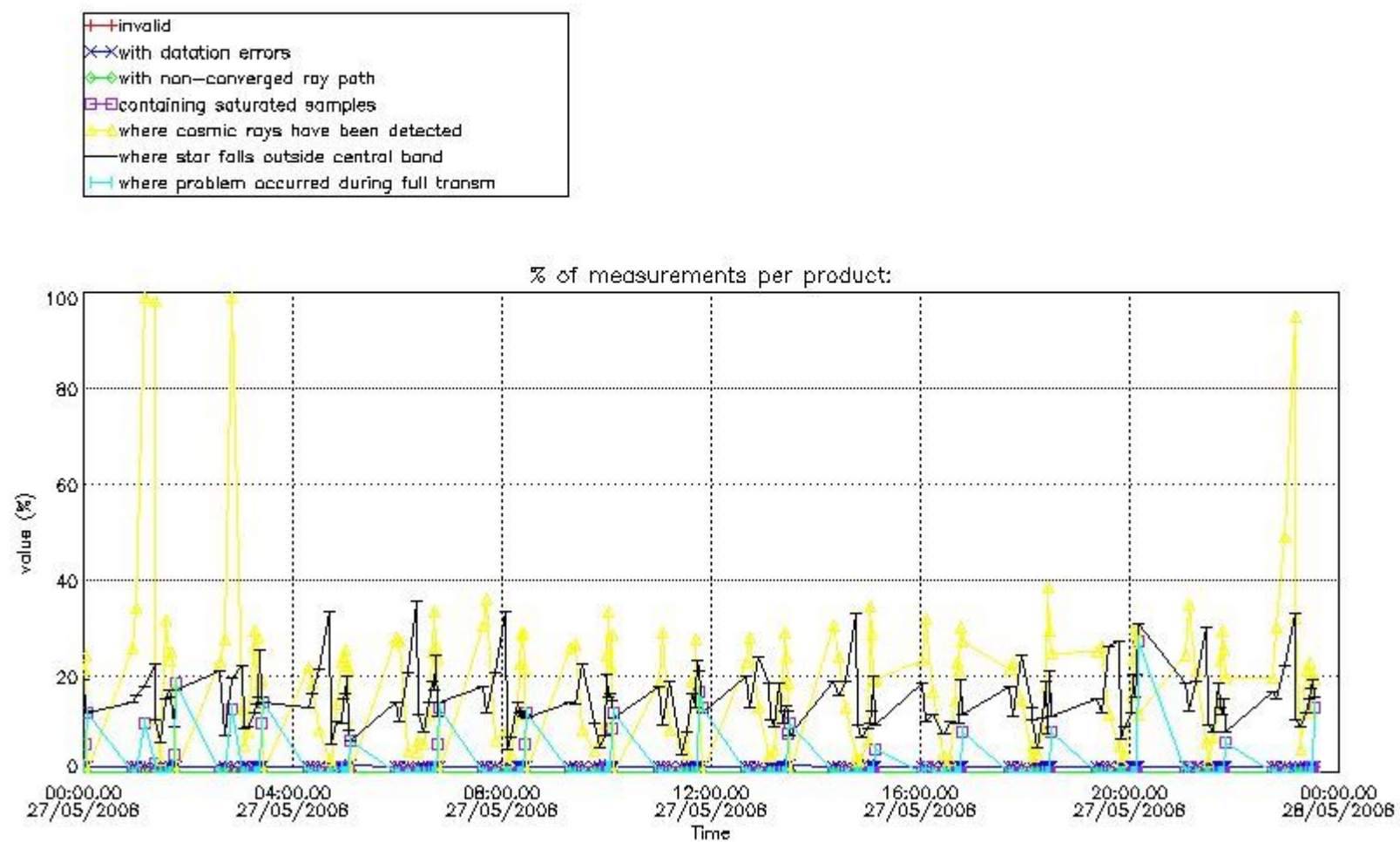


#### 4. Level 1 quality information per product

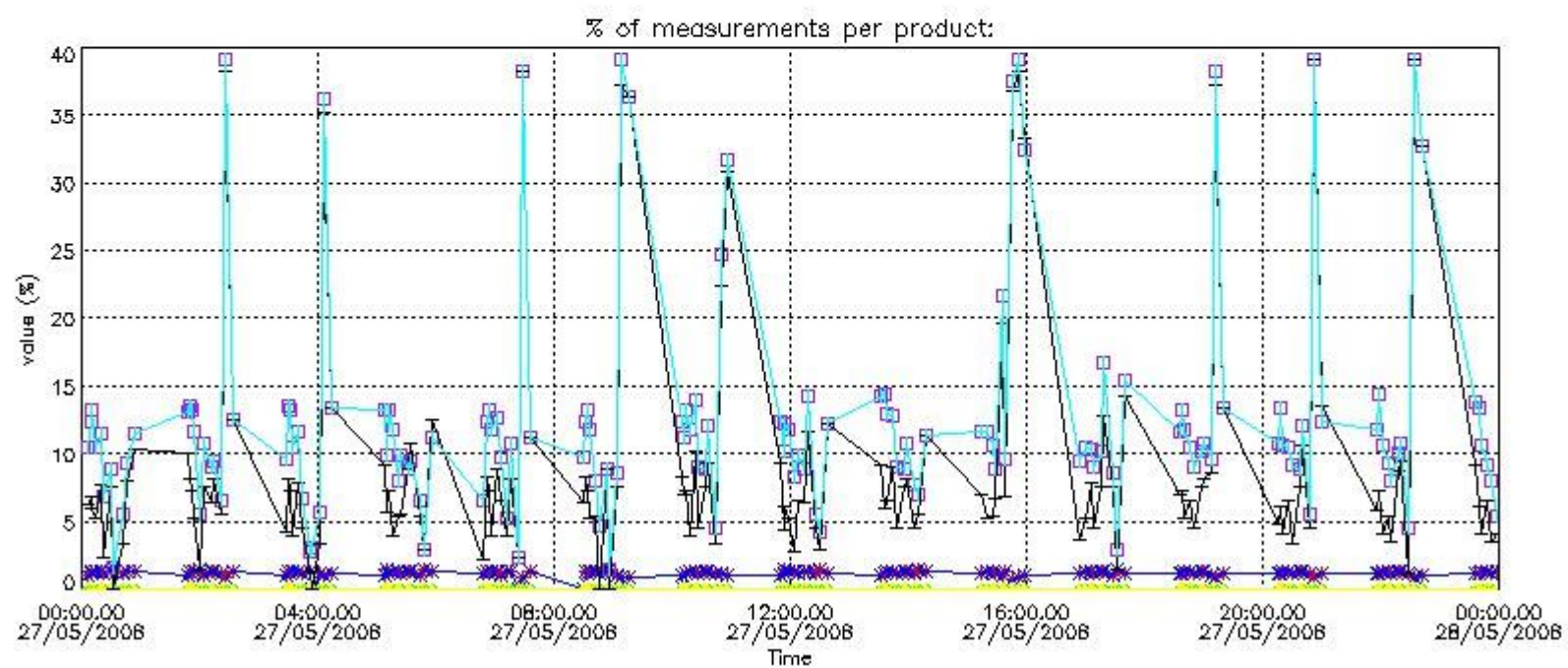
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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

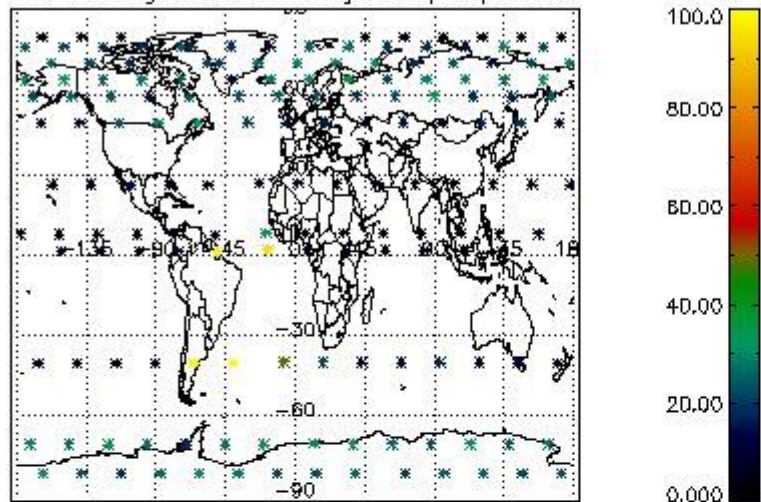


#### 4.2 Plot quality information per product coming from level 1b processing (world map)

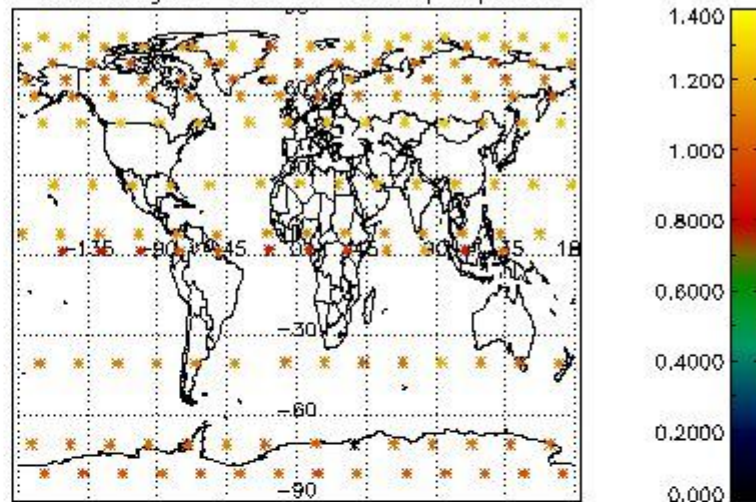
##### 4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes



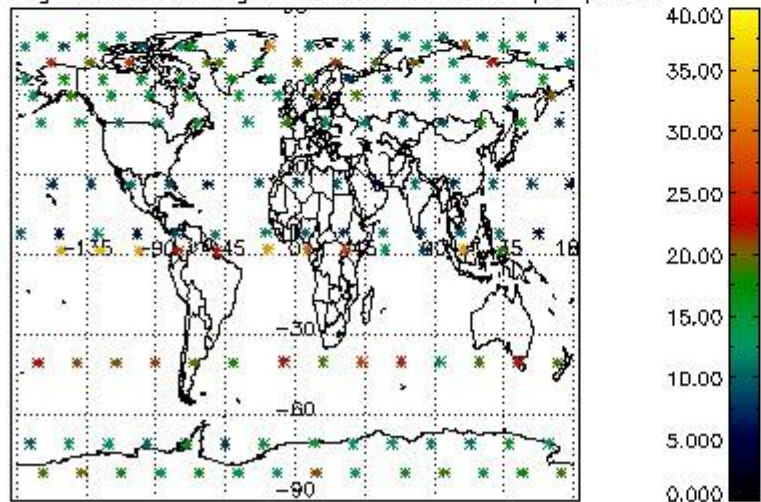
Percentage of cosmic ray hits per profile



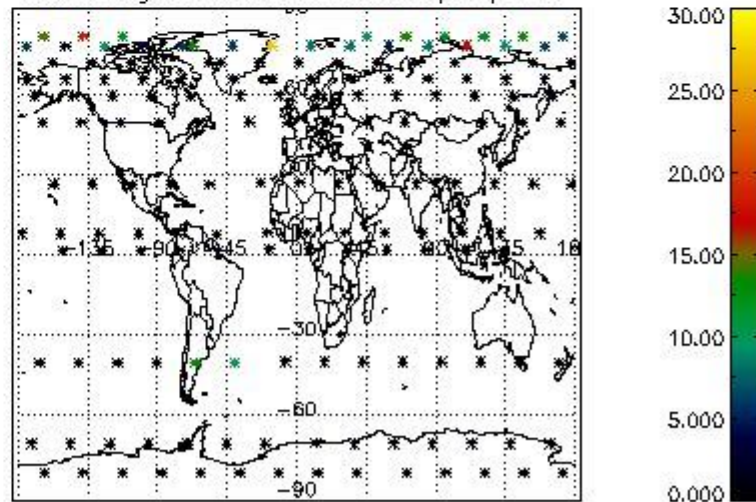
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

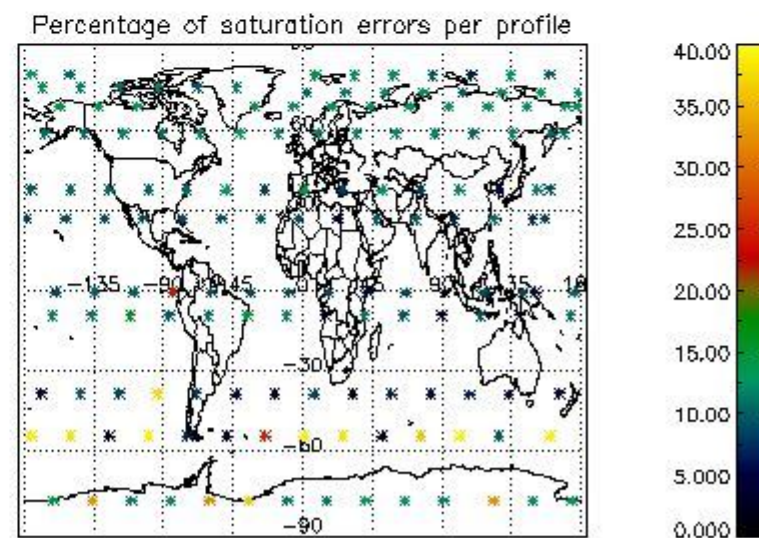
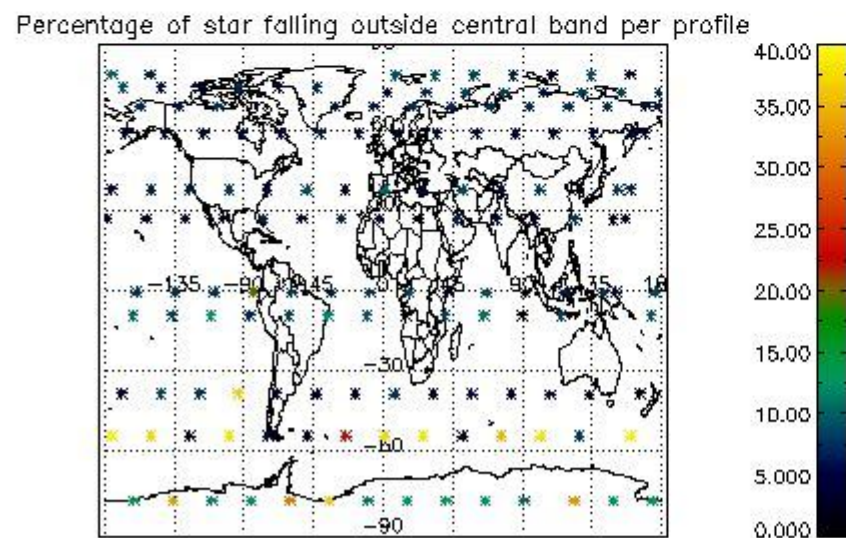
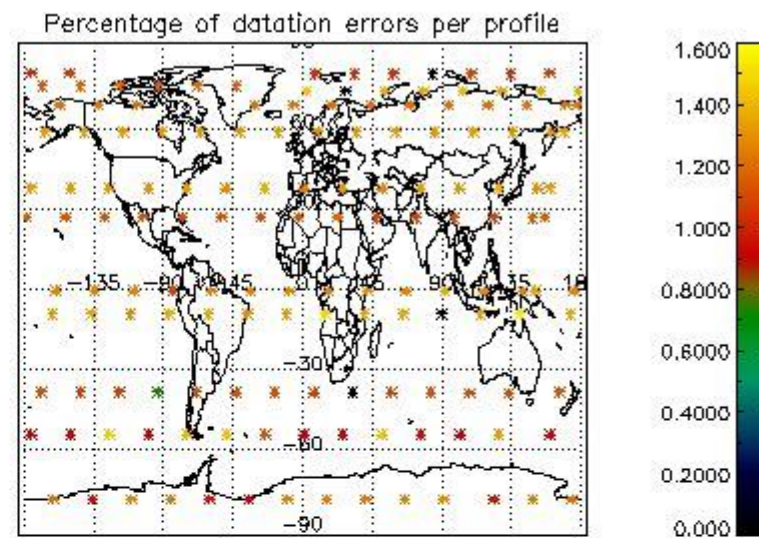
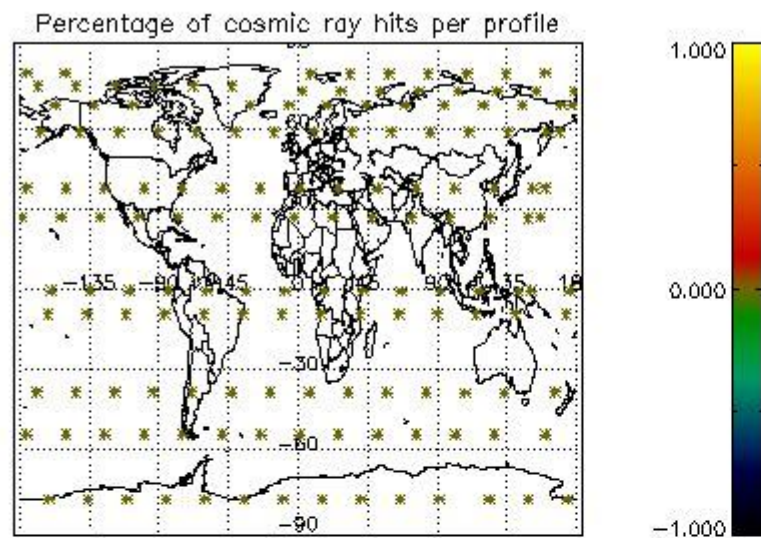


Percentage of saturation errors per profile



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

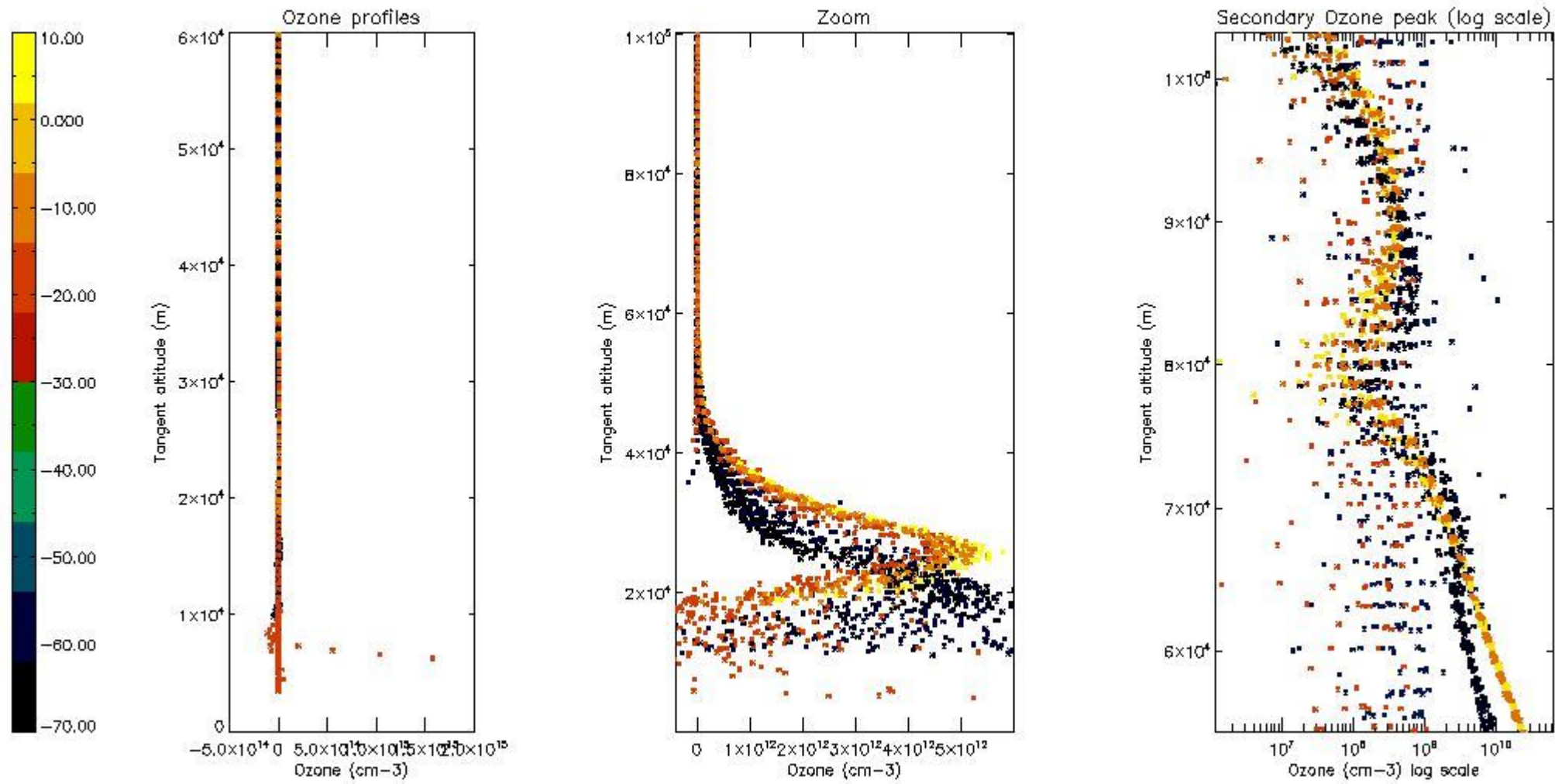
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	22
STD < 20	12

STD < 10	9
STD < 5	6

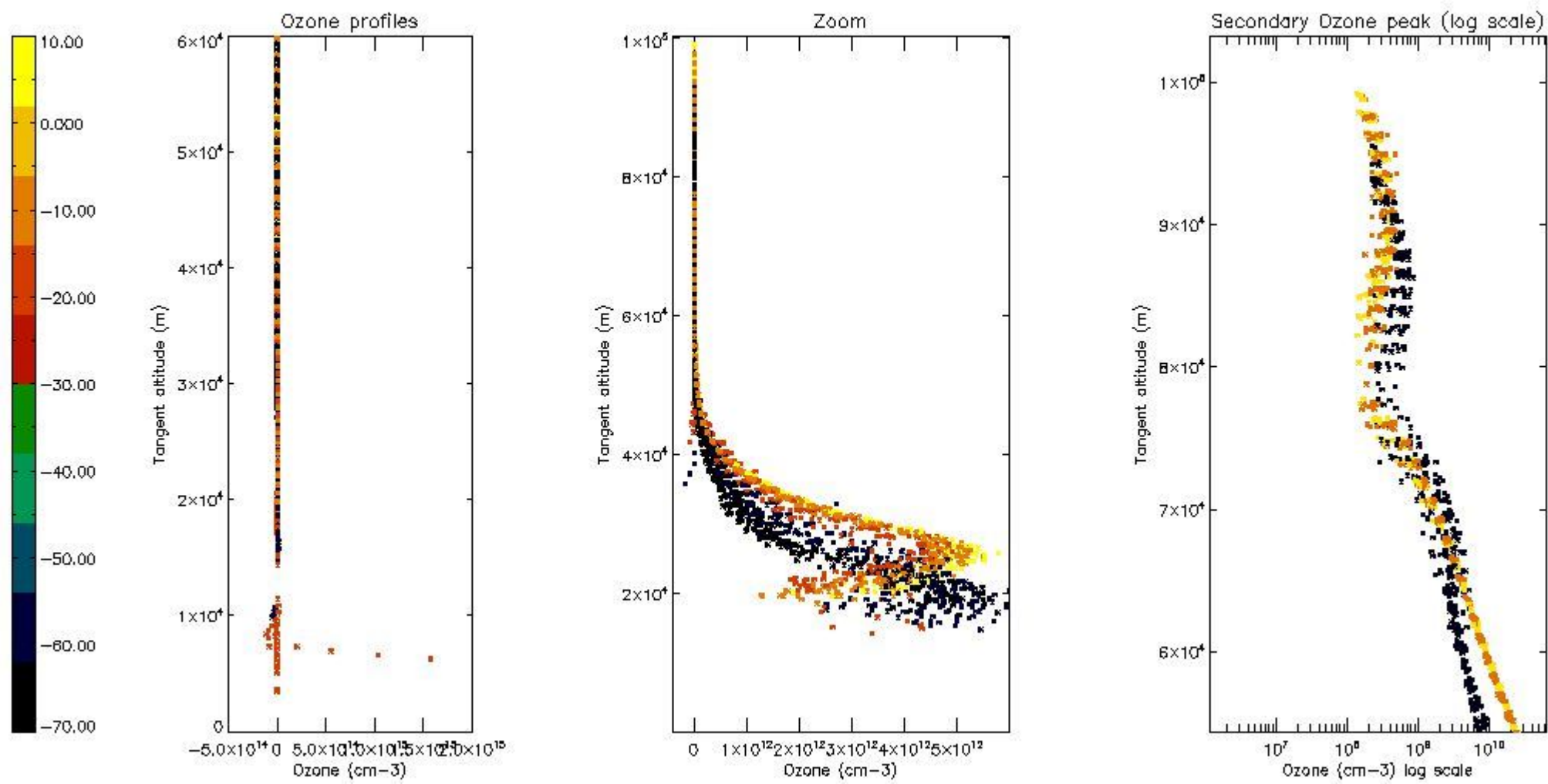
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

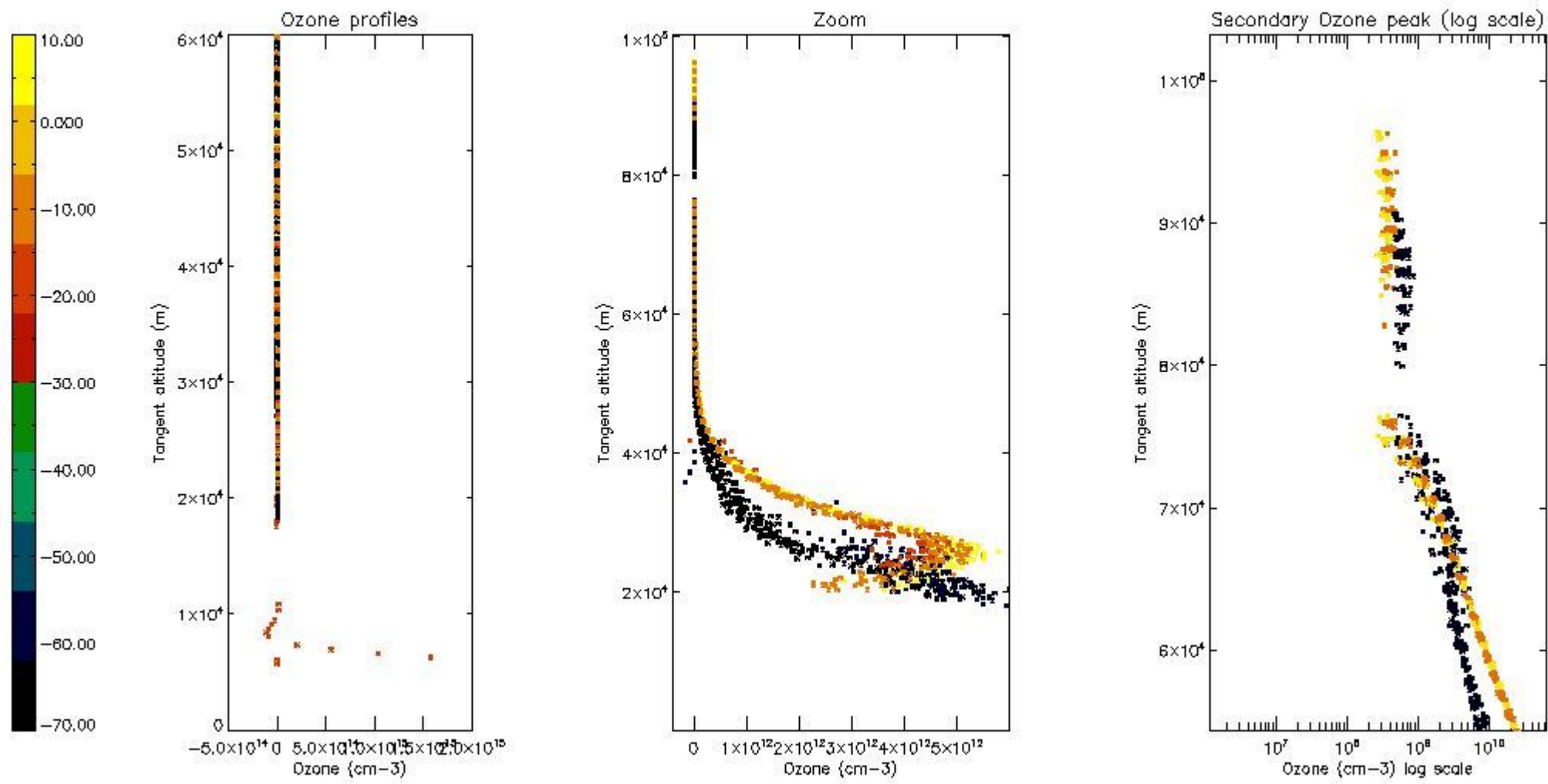
The colorbar represents the latitude.



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

The colorbar represents the latitude.

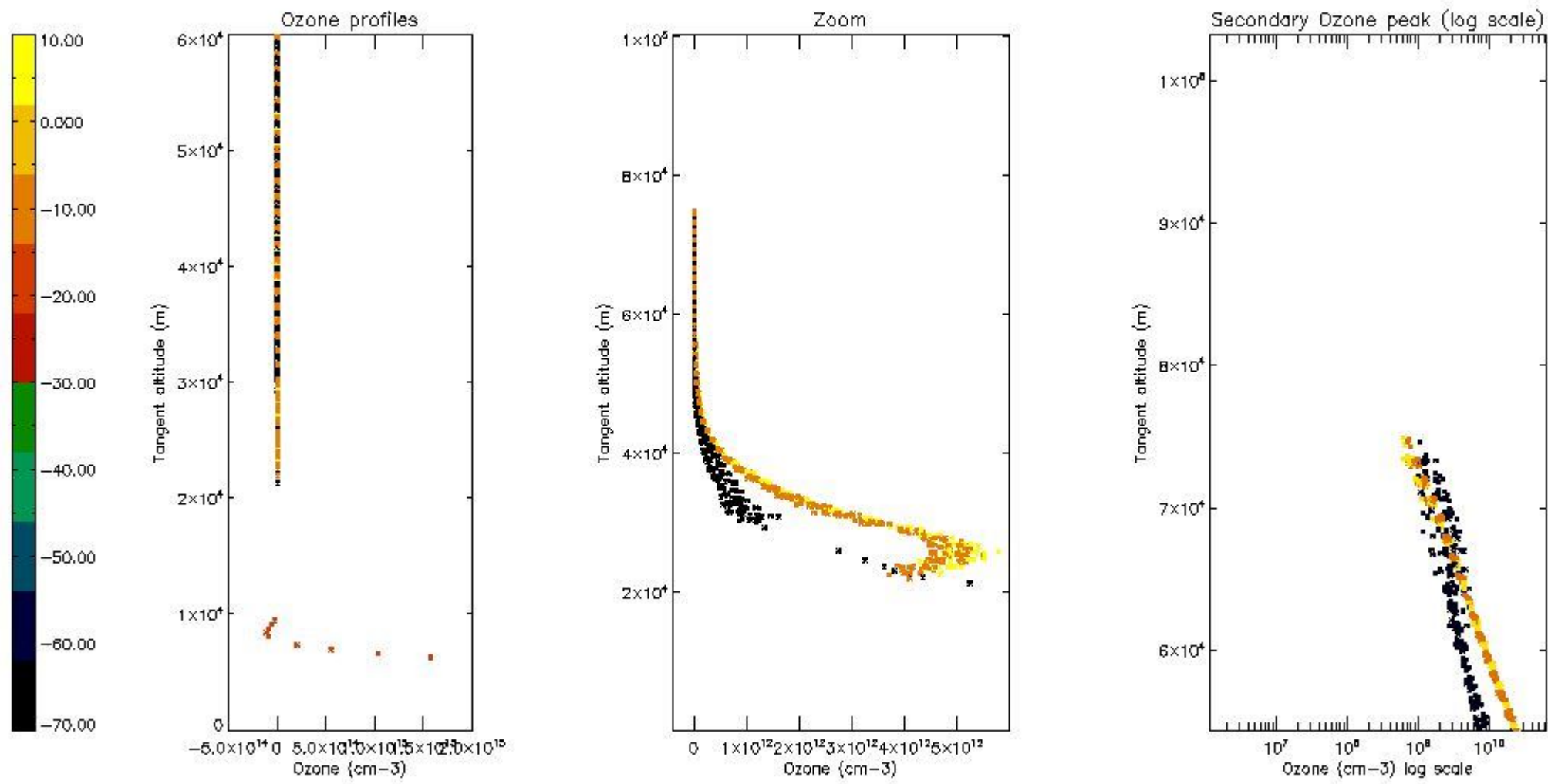




*5.5 Plot ozone profiles where  $STD < 5\%$  (dark without errors)*

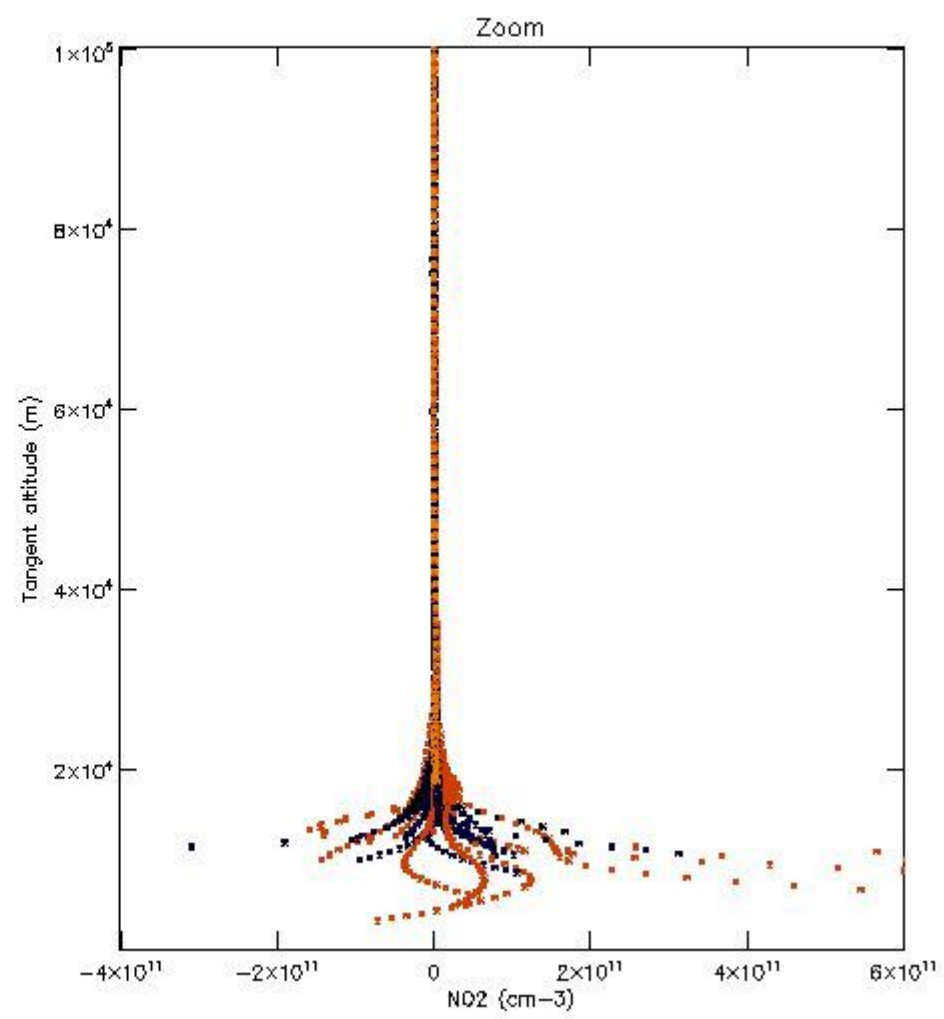
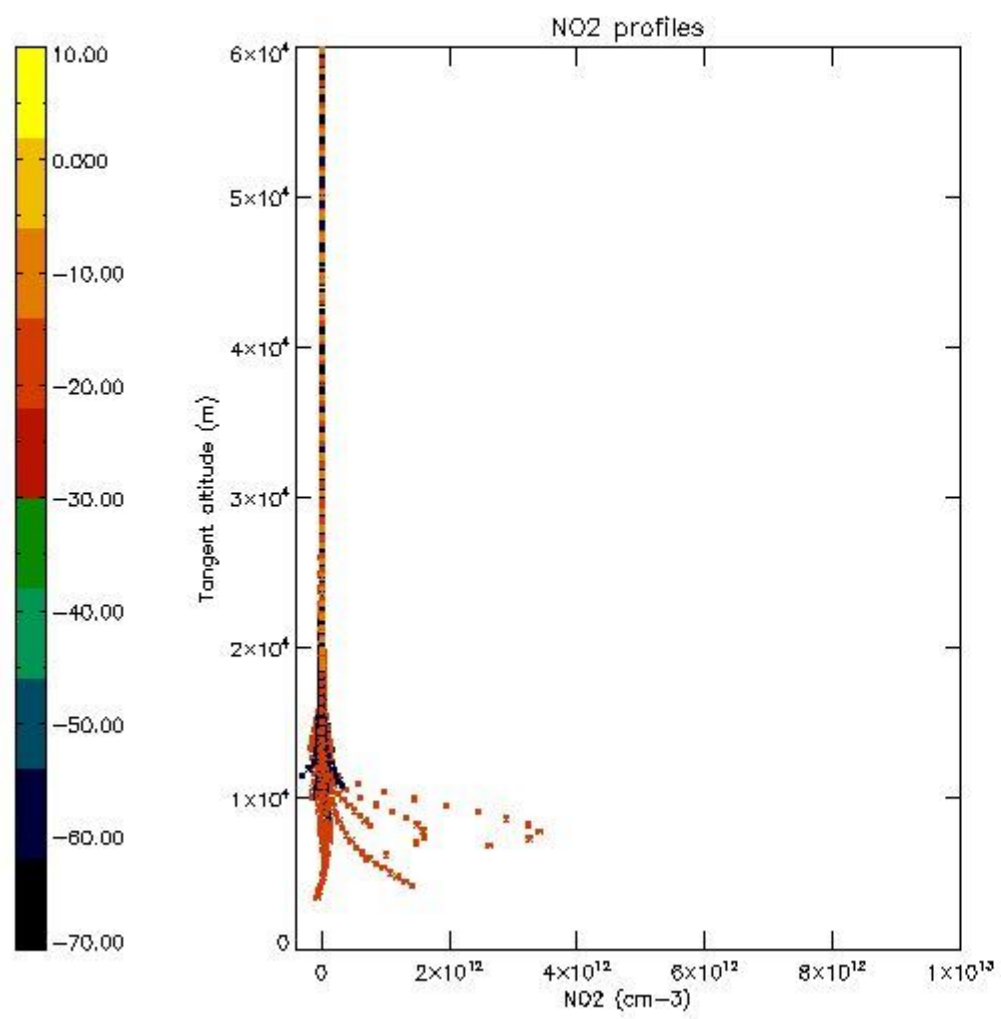
The colorbar represents the latitude.





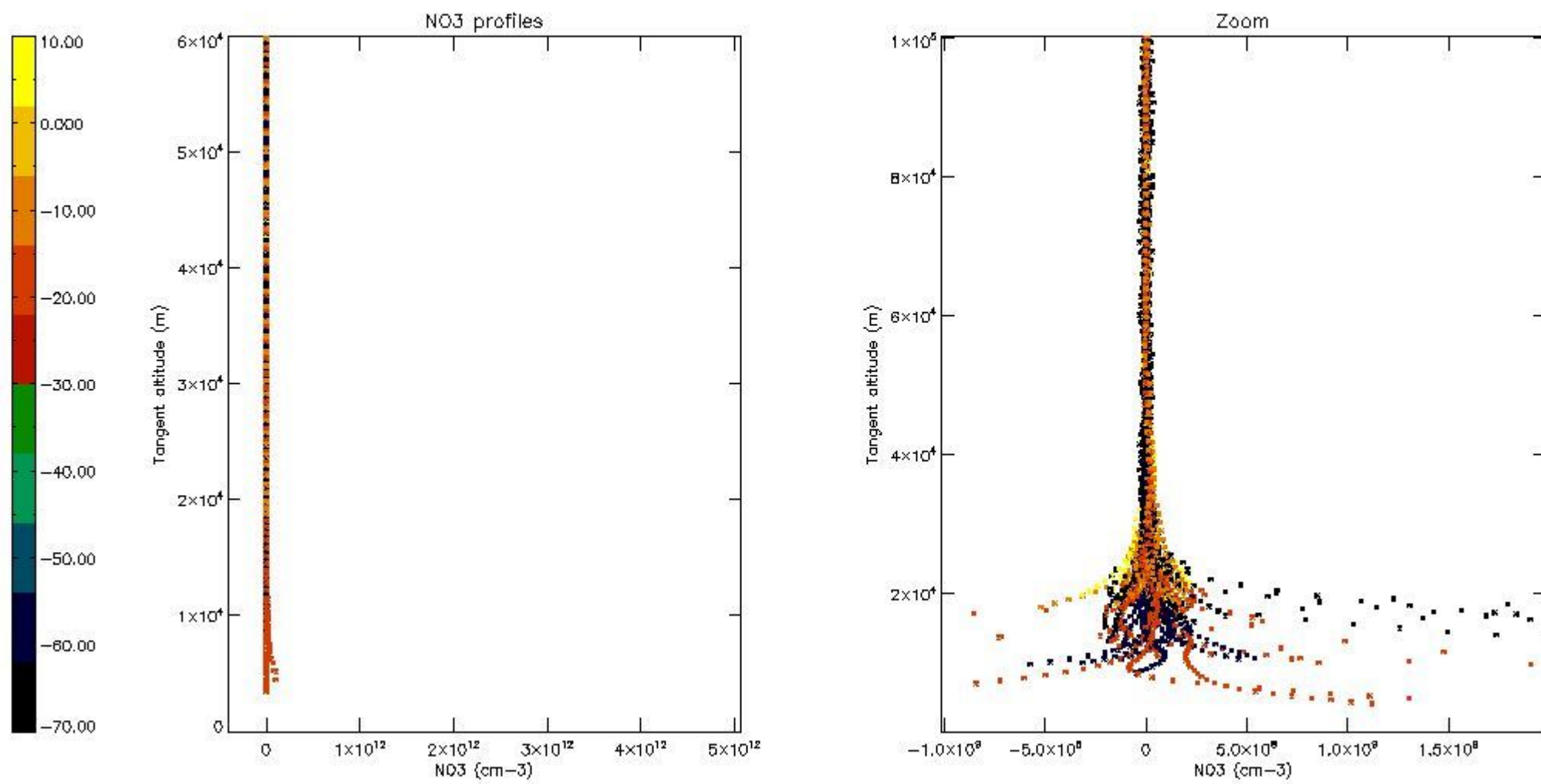
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



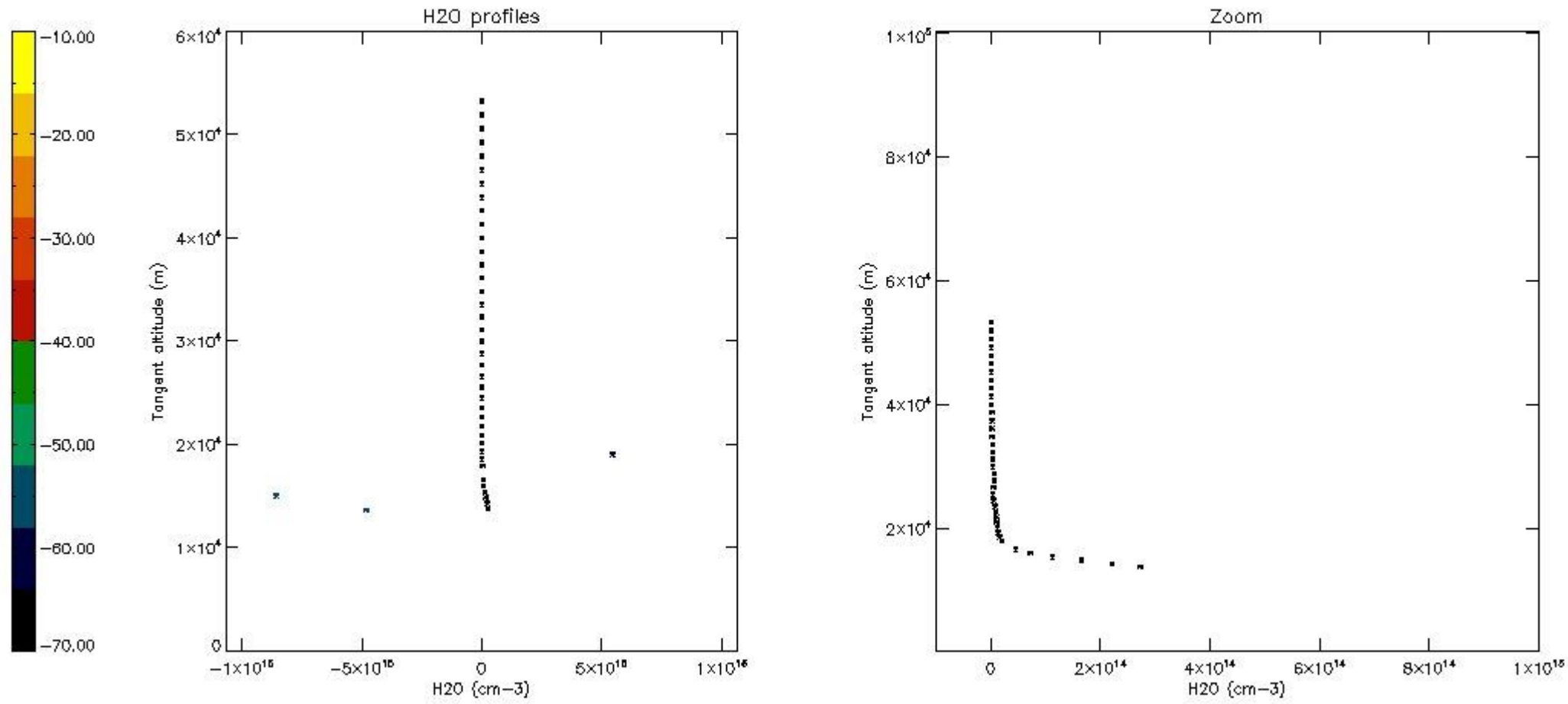
*5.7 Plot NO3 profiles for all STD (dark without errors)*

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.

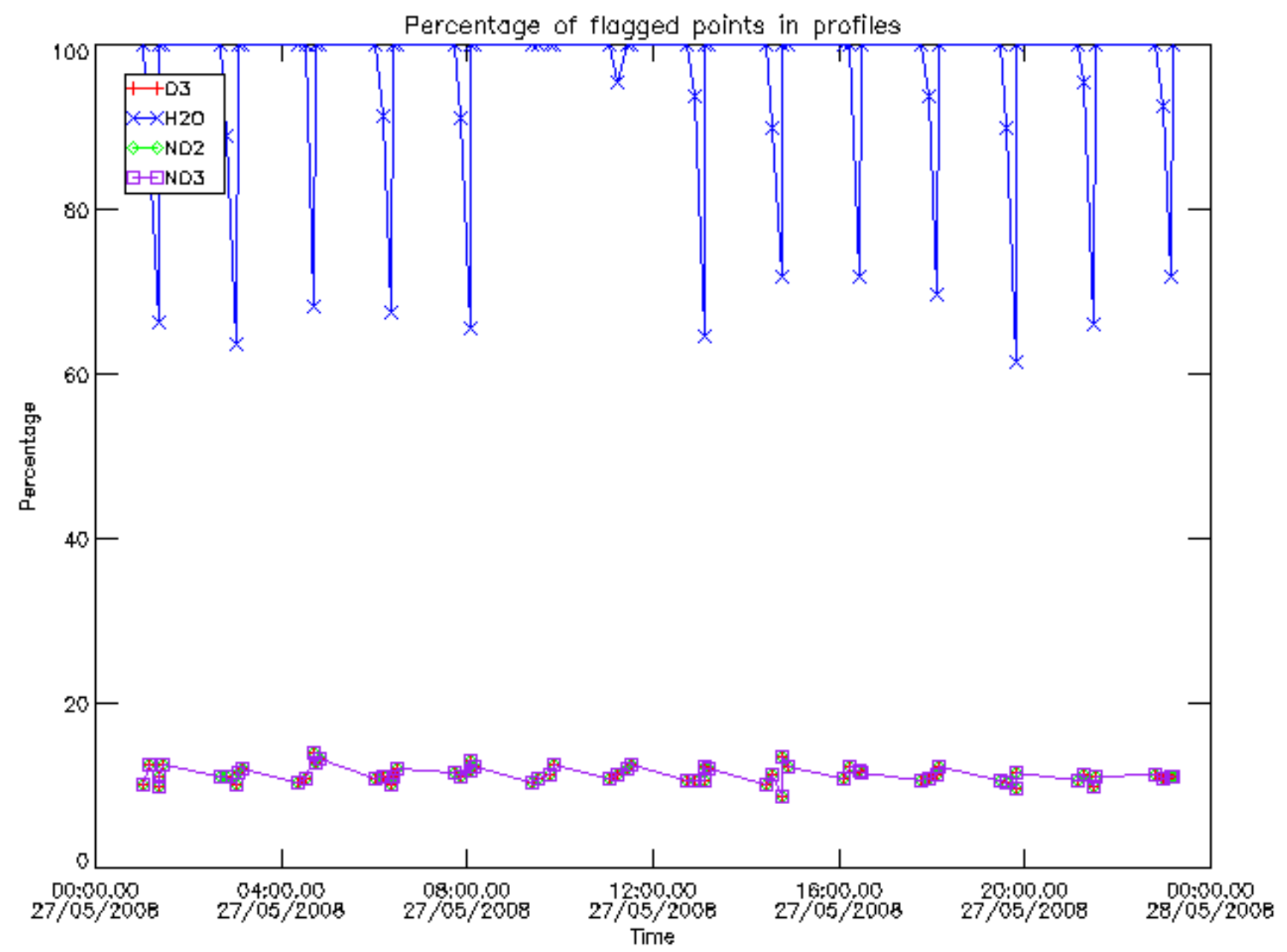


## 6. Auxiliary Data Files used for the production reported in section 2

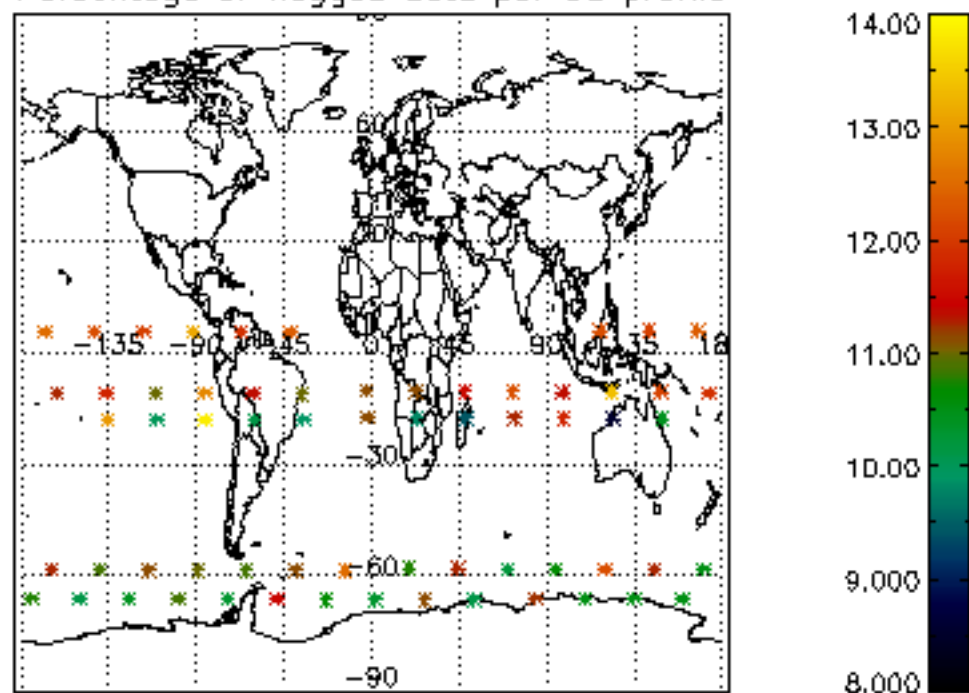
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	27-MAY-2008 00:00:35
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	27-MAY-2008 00:00:35
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	27-MAY-2008 00:00:35

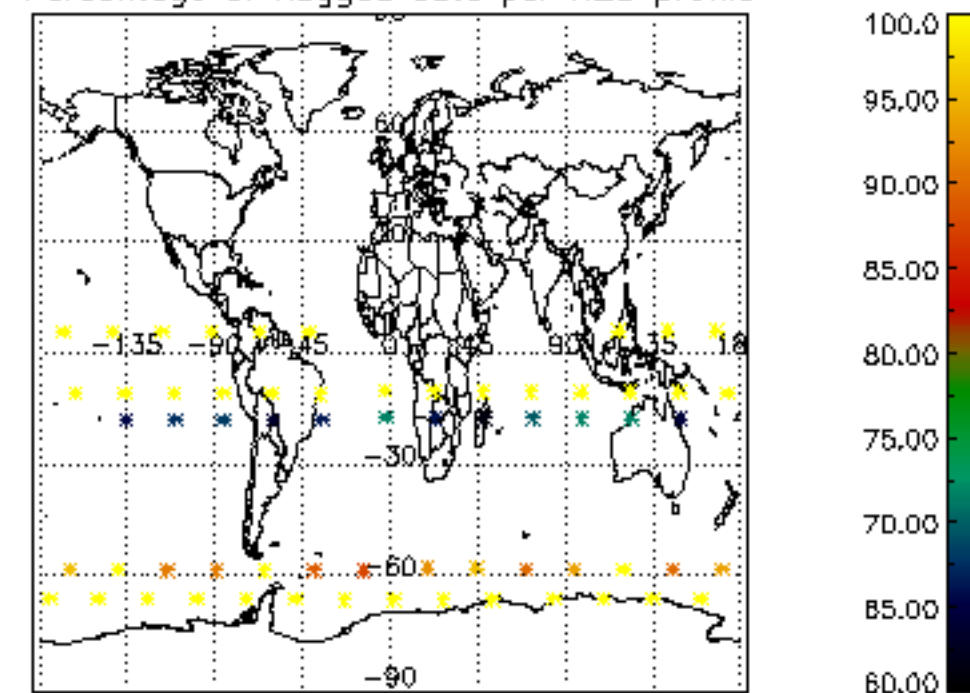




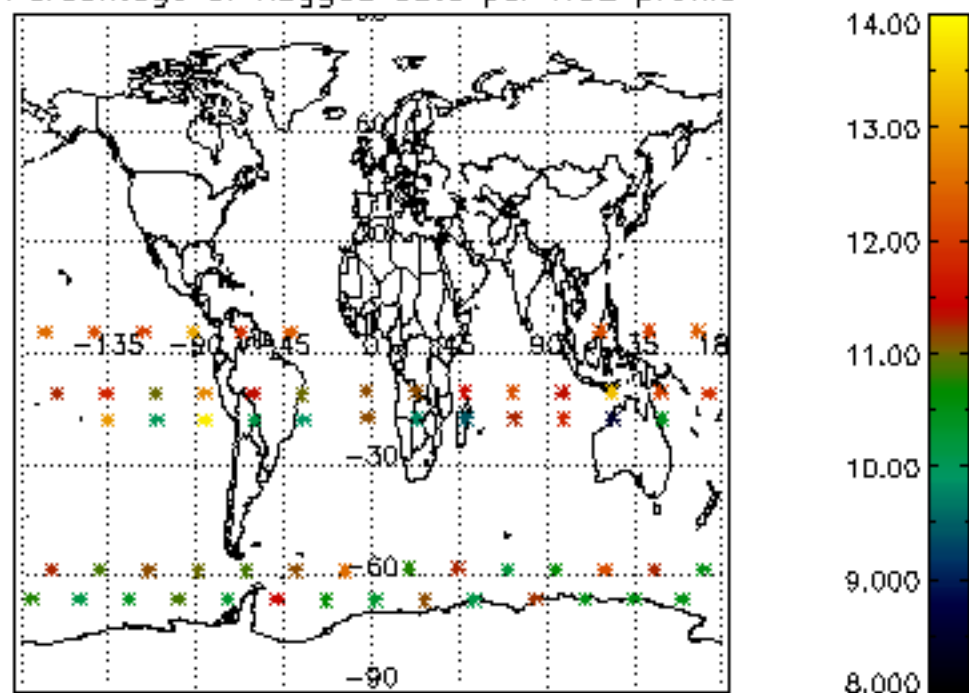
Percentage of flagged data per D3 profile



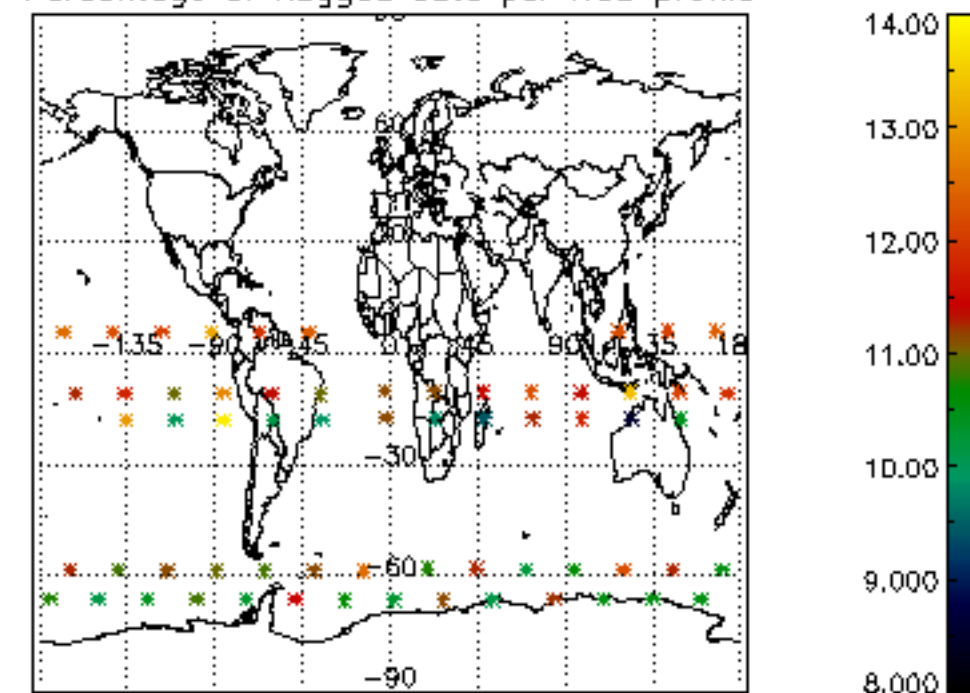
Percentage of flagged data per H2O profile

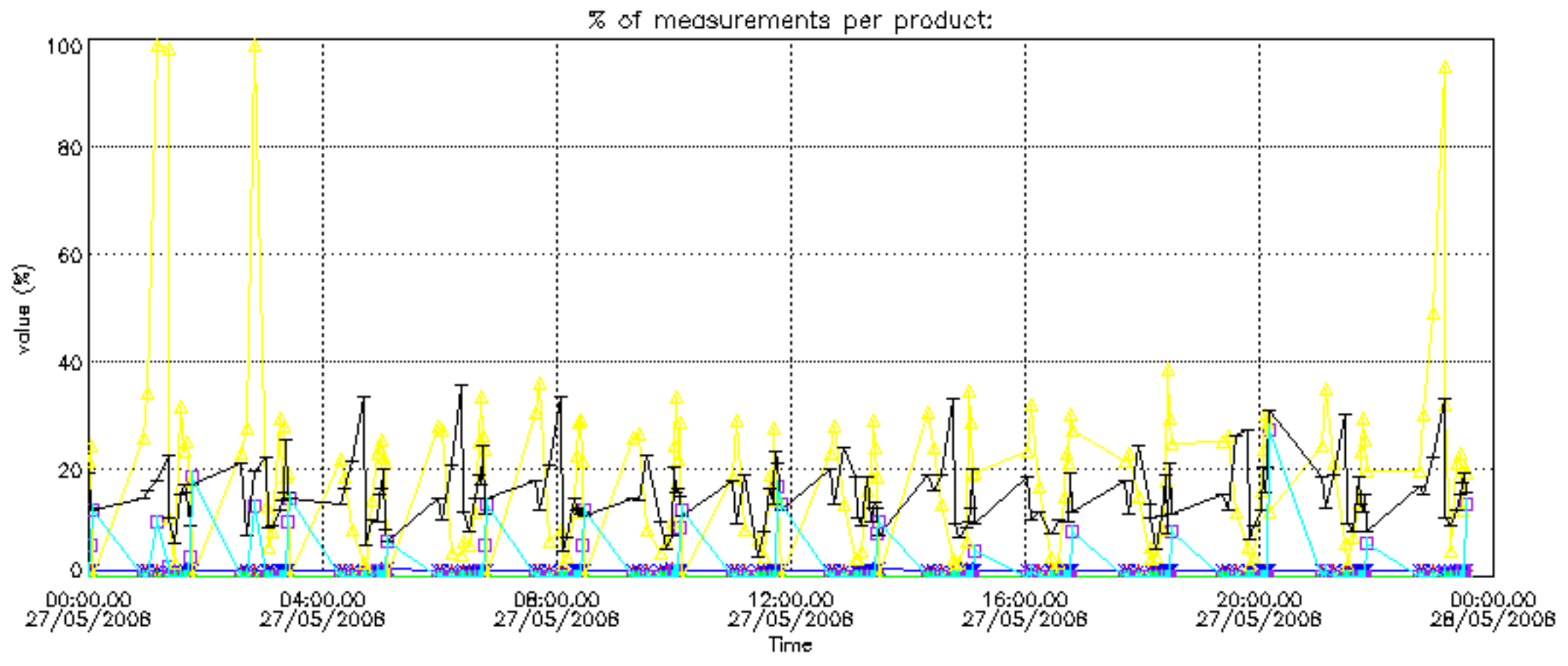


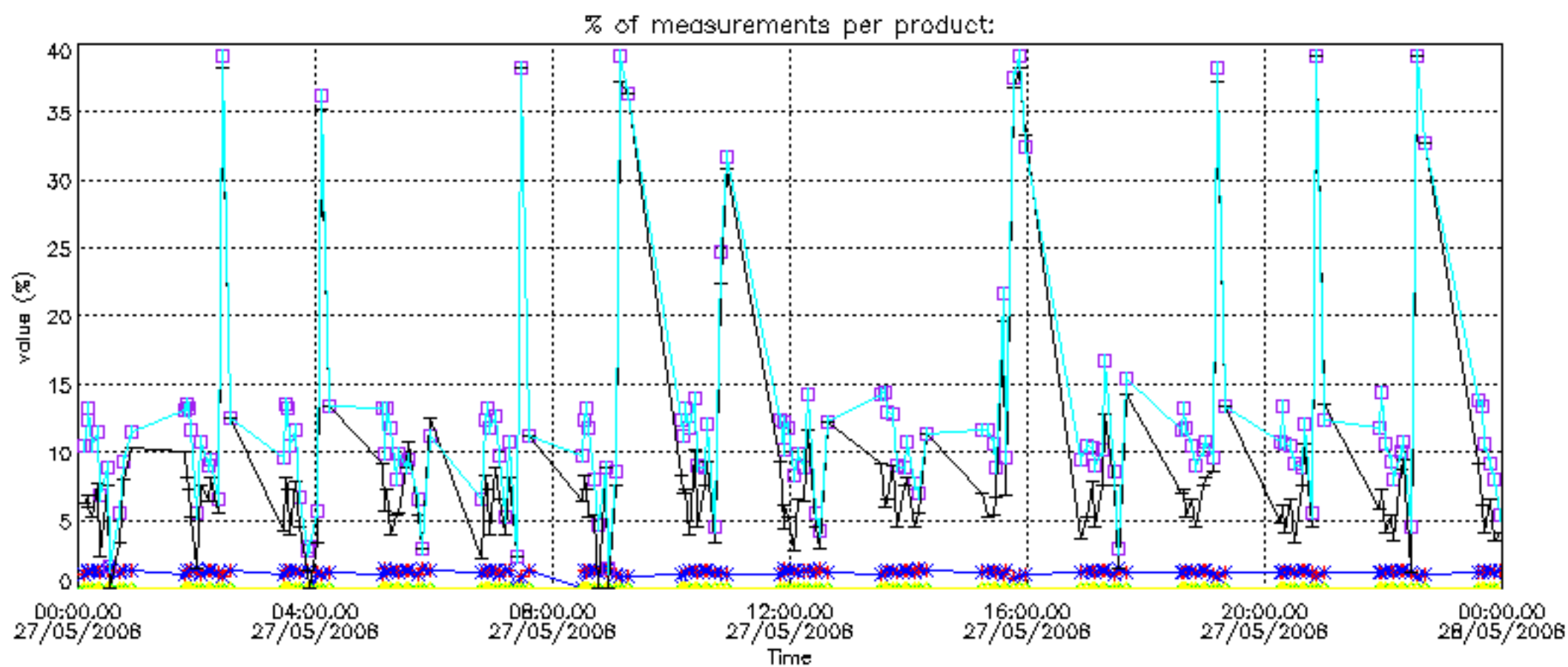
Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

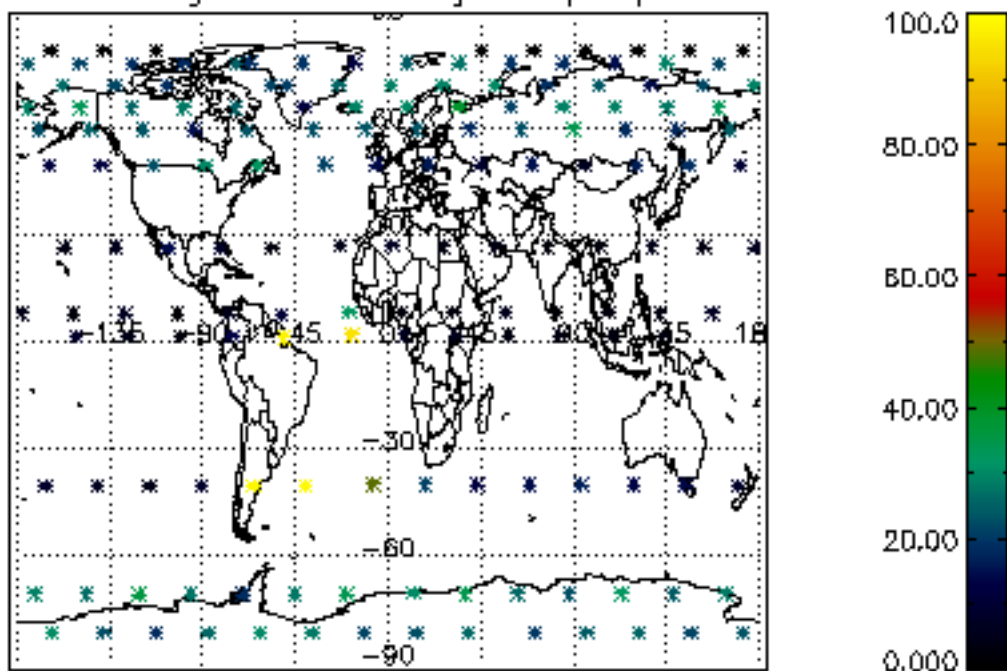




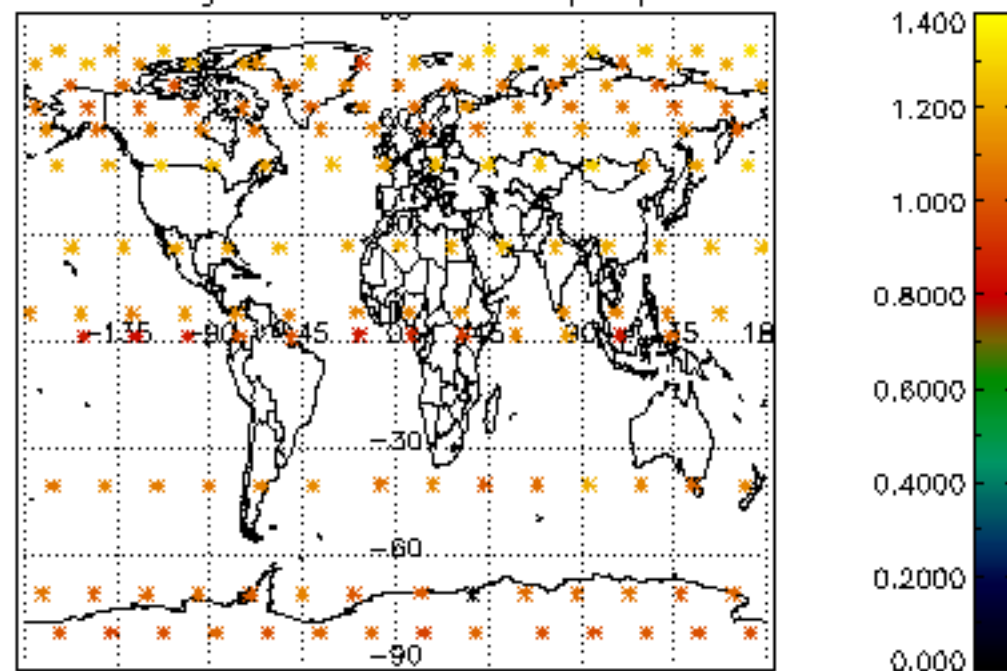




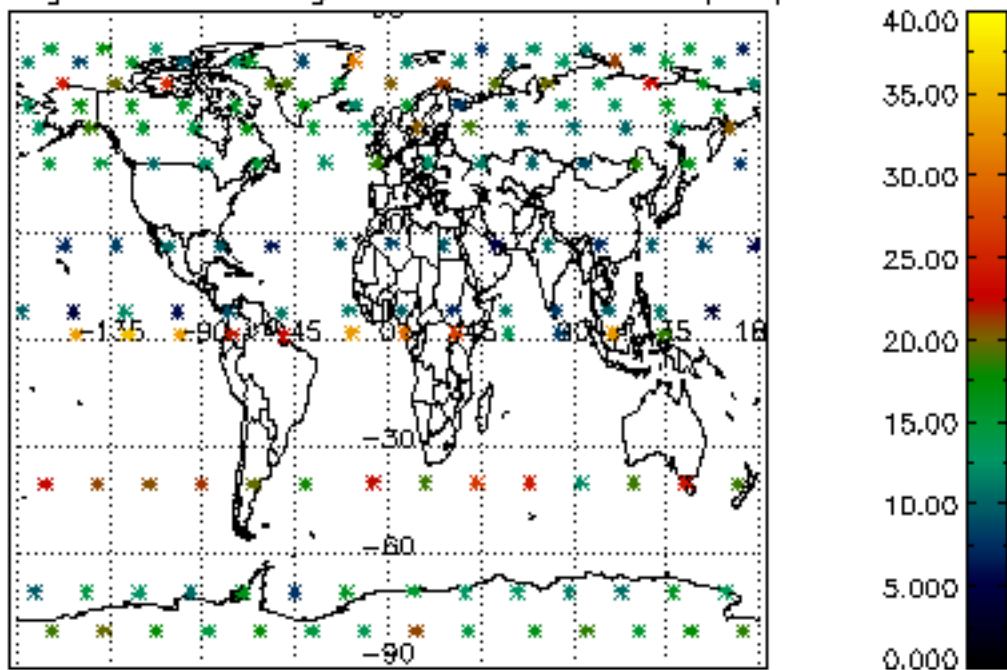
Percentage of cosmic ray hits per profile



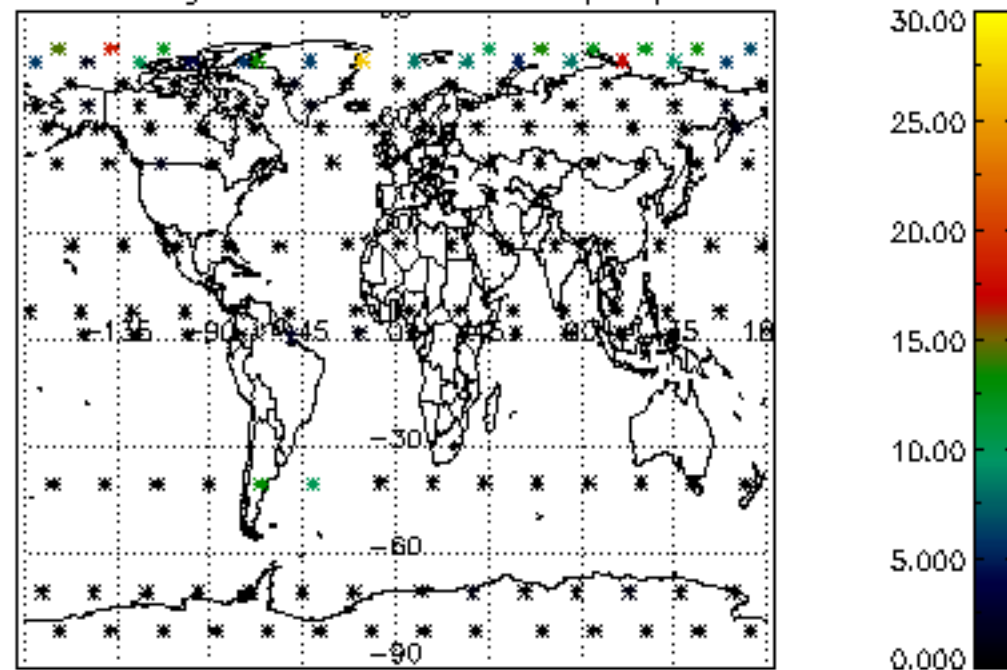
Percentage of datation errors per profile



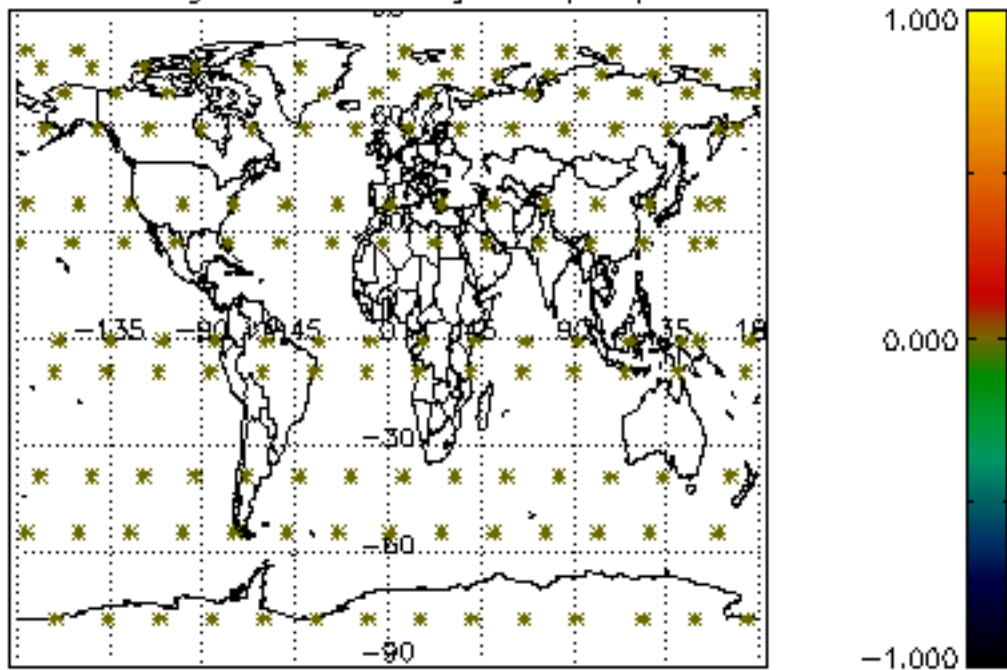
Percentage of star falling outside central band per profile



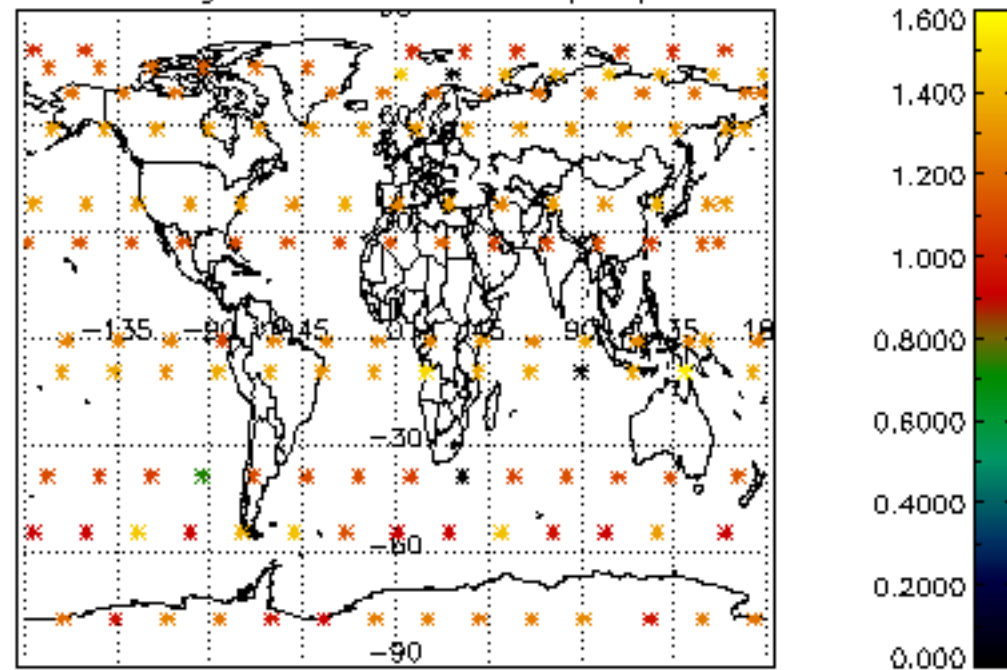
Percentage of saturation errors per profile



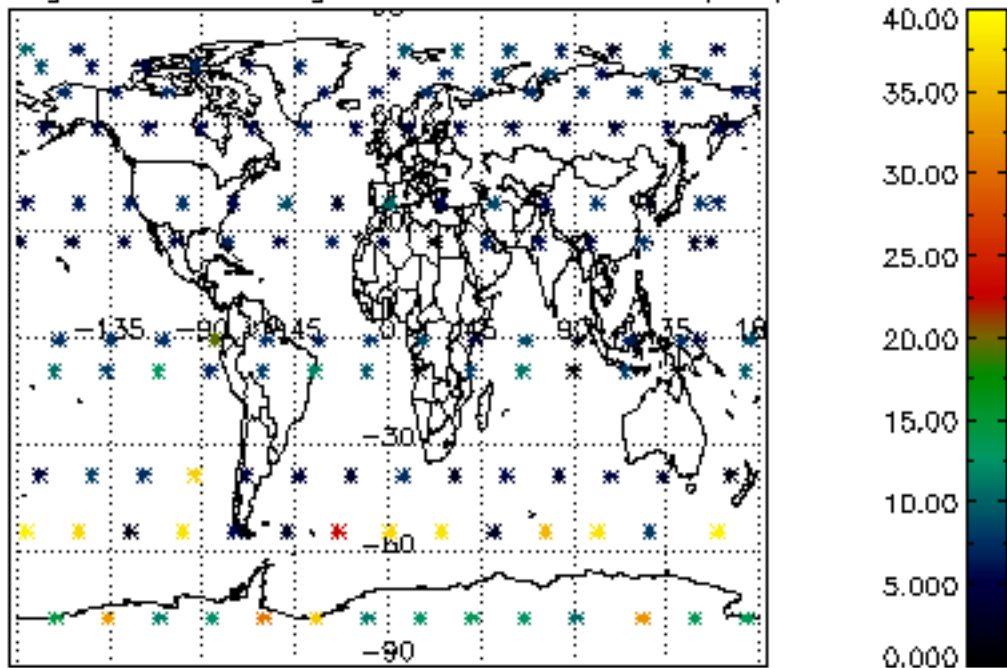
Percentage of cosmic ray hits per profile



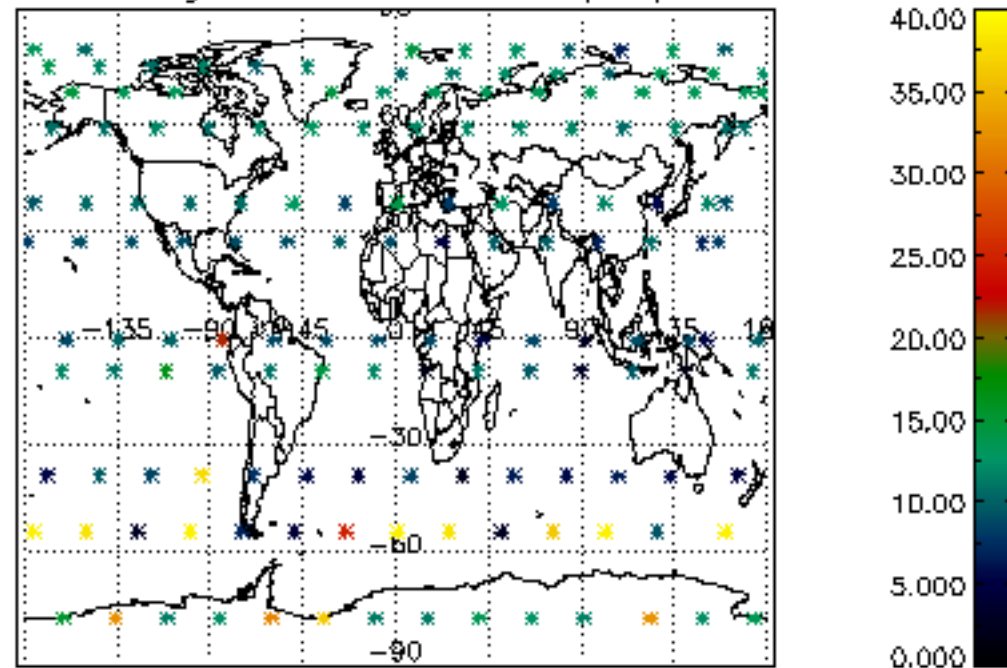
Percentage of datation errors per profile

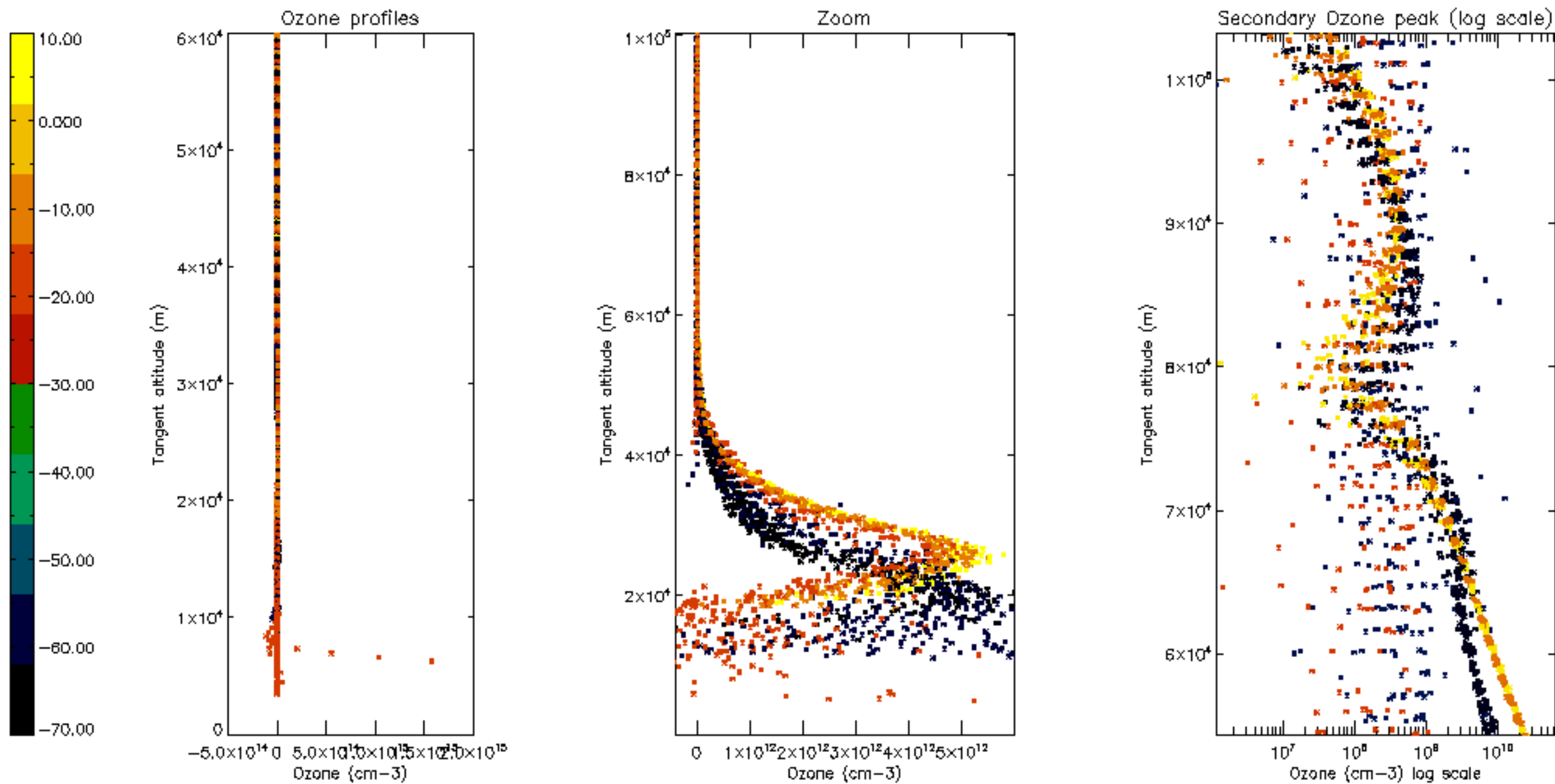


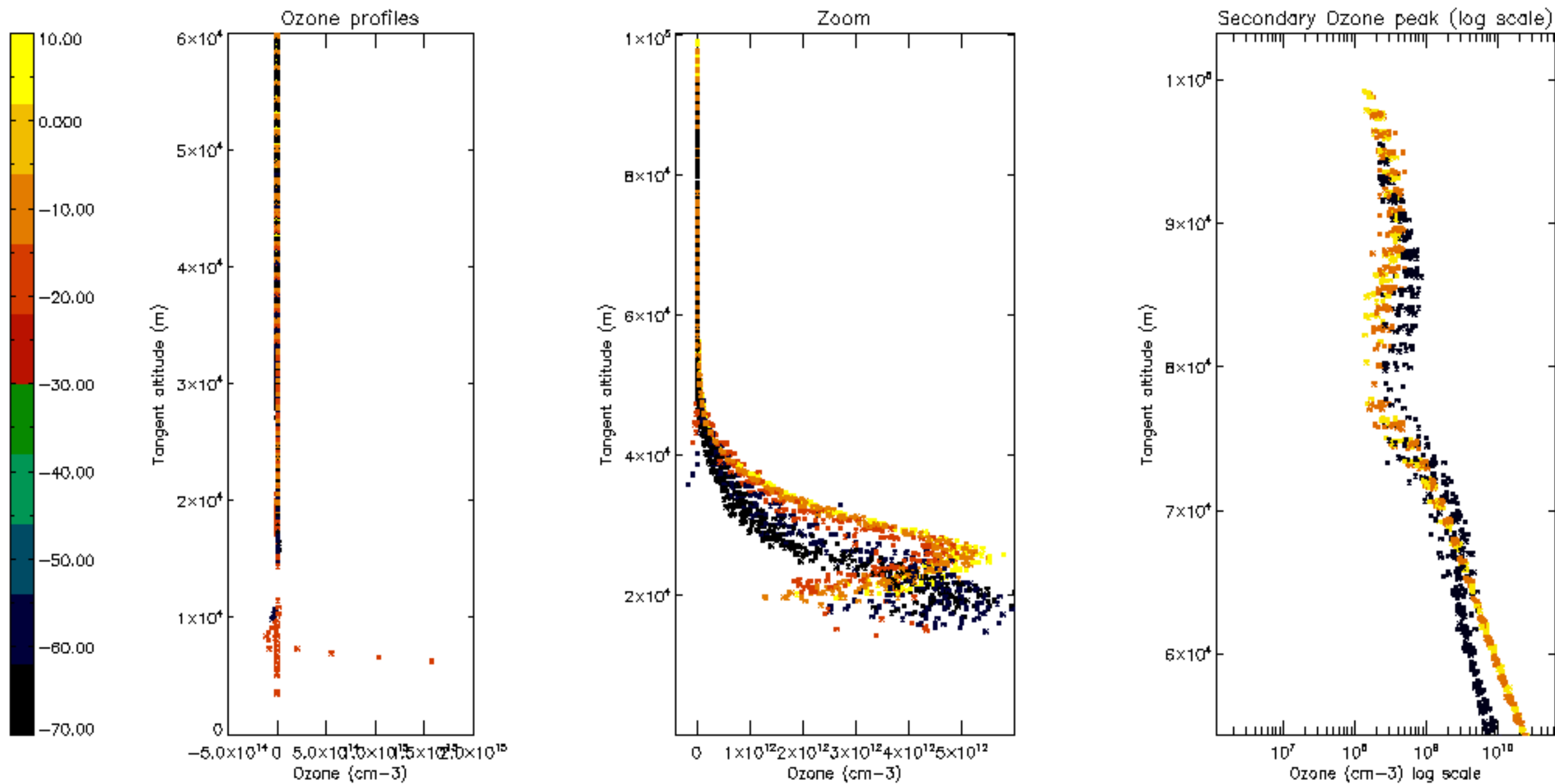
Percentage of star falling outside central band per profile



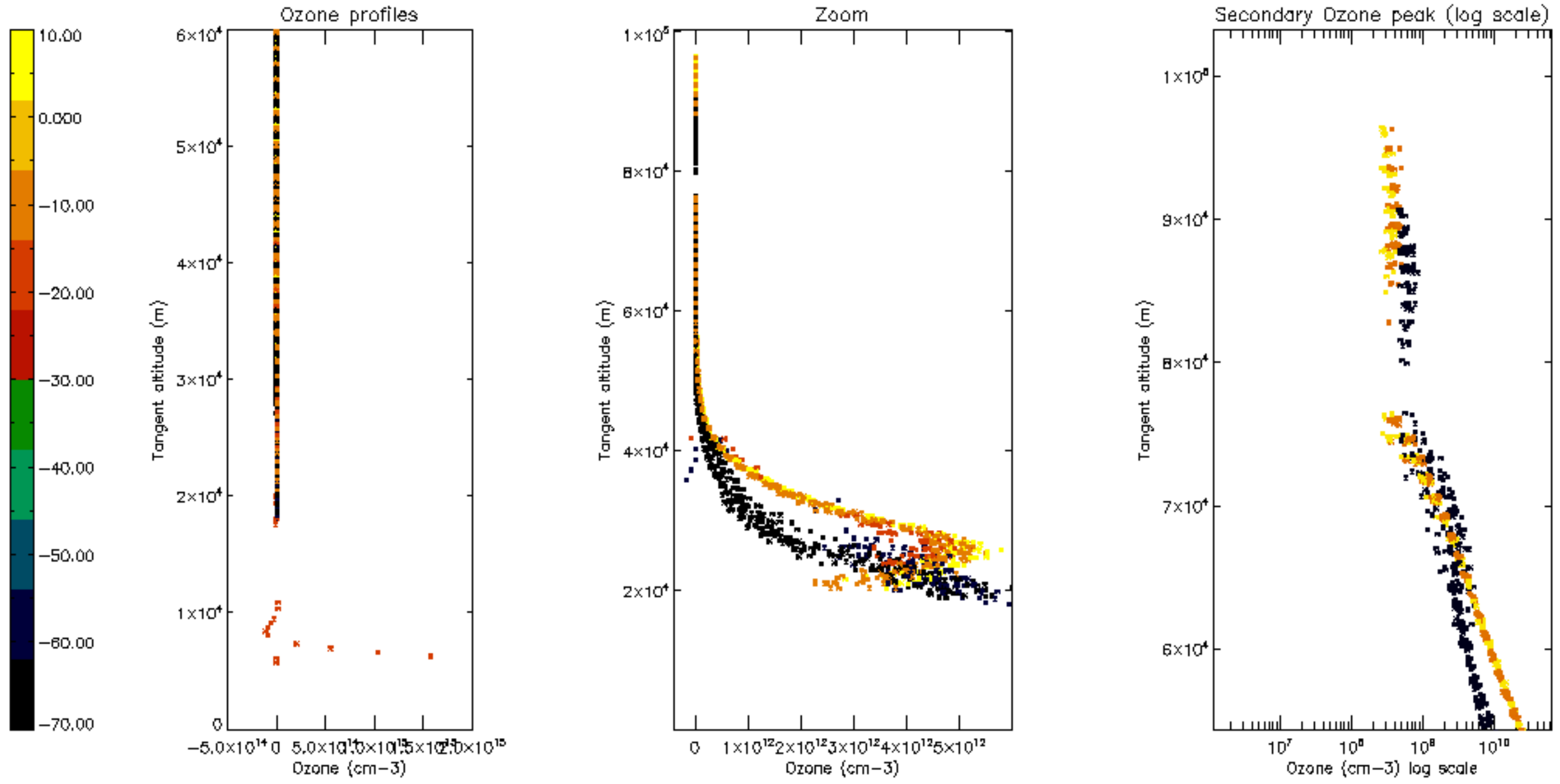
Percentage of saturation errors per profile

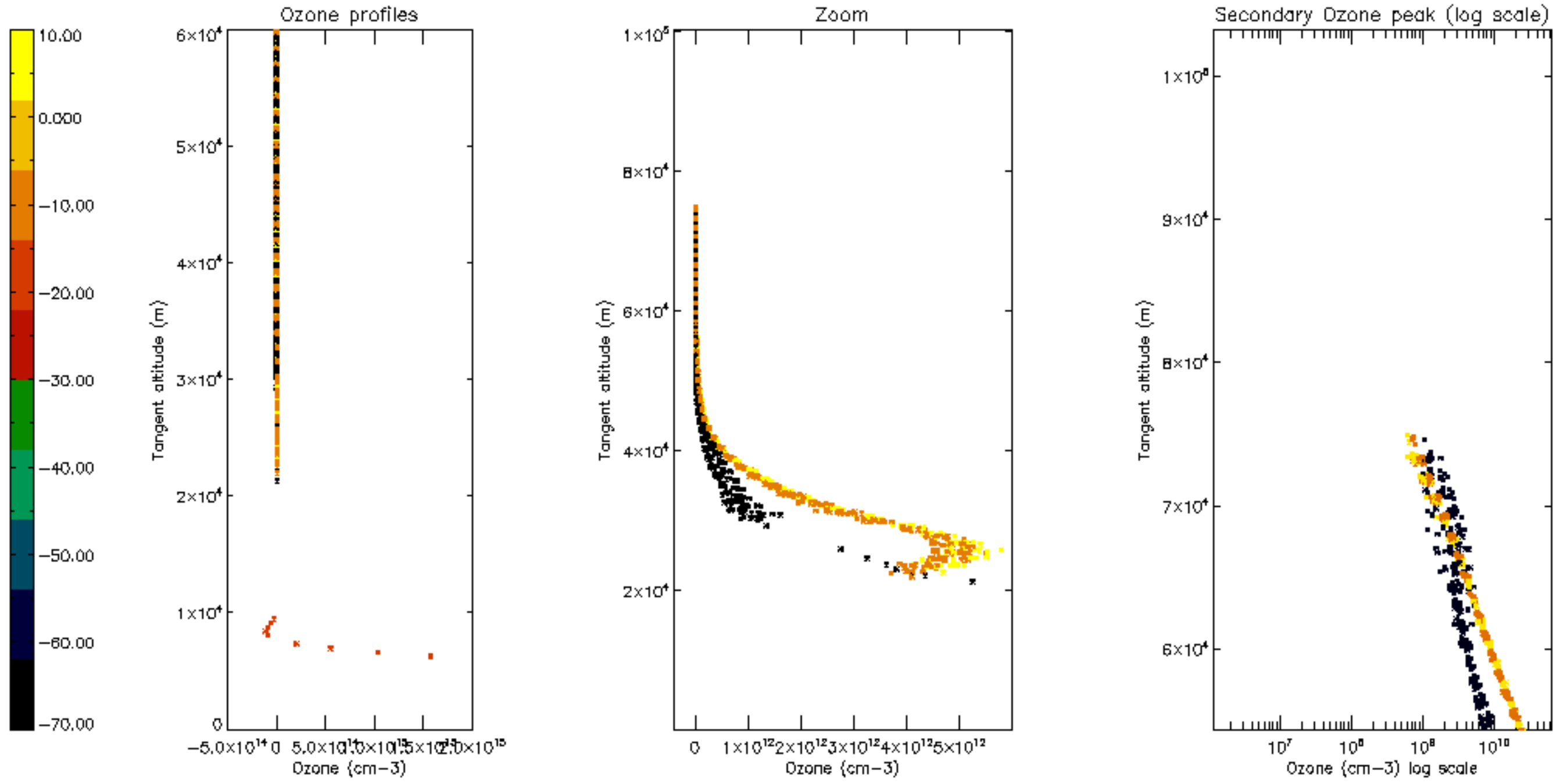


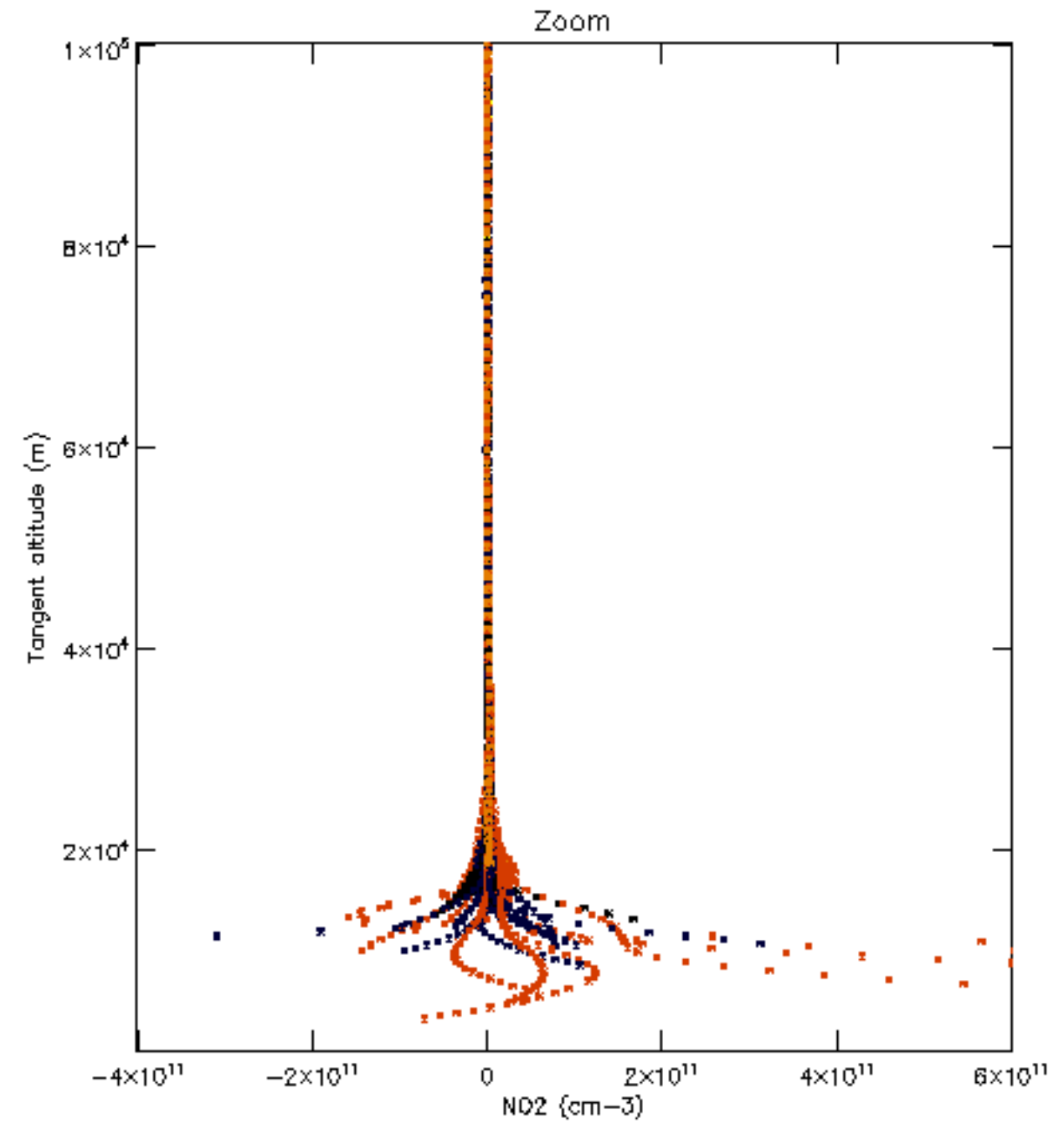
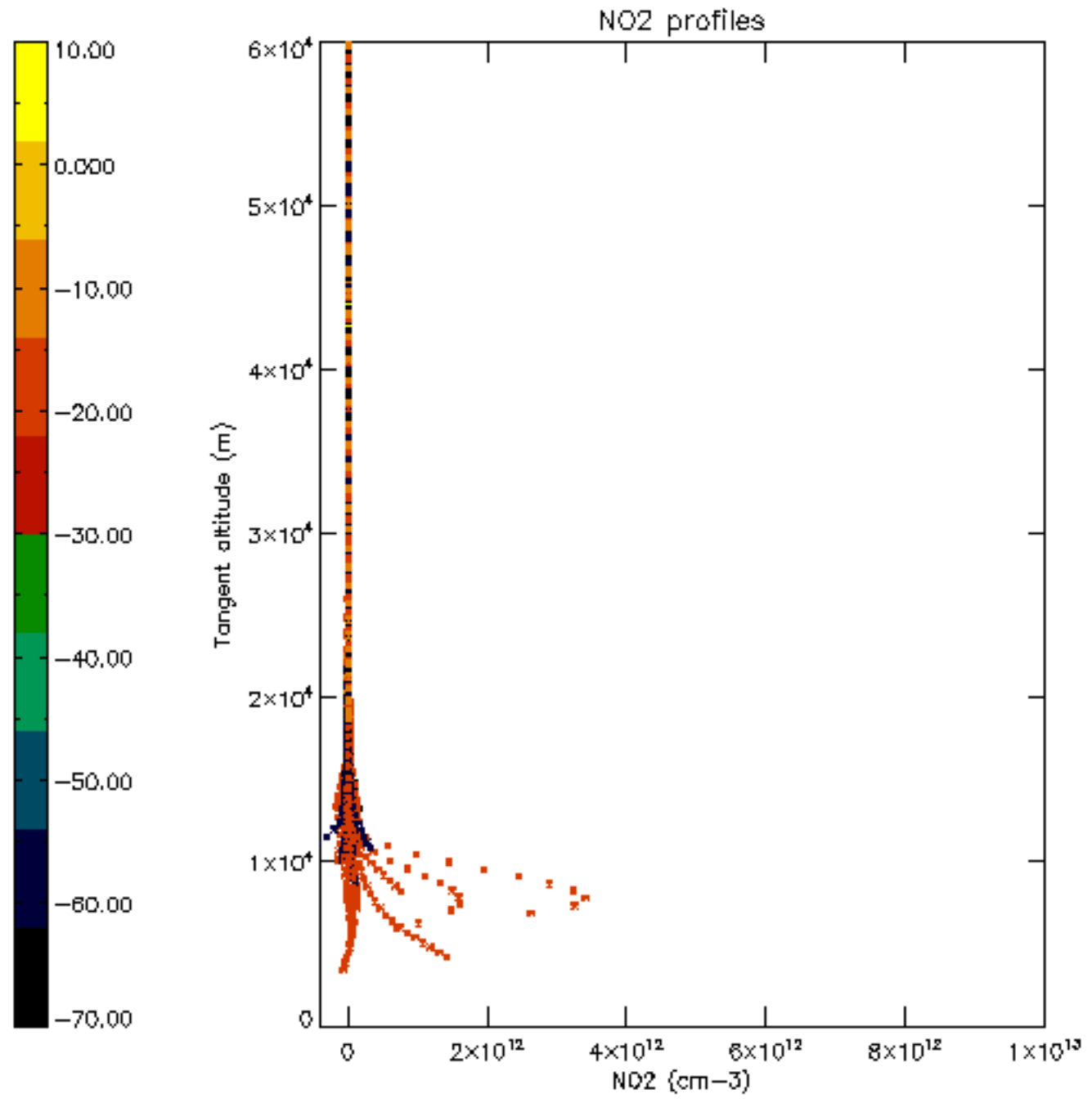


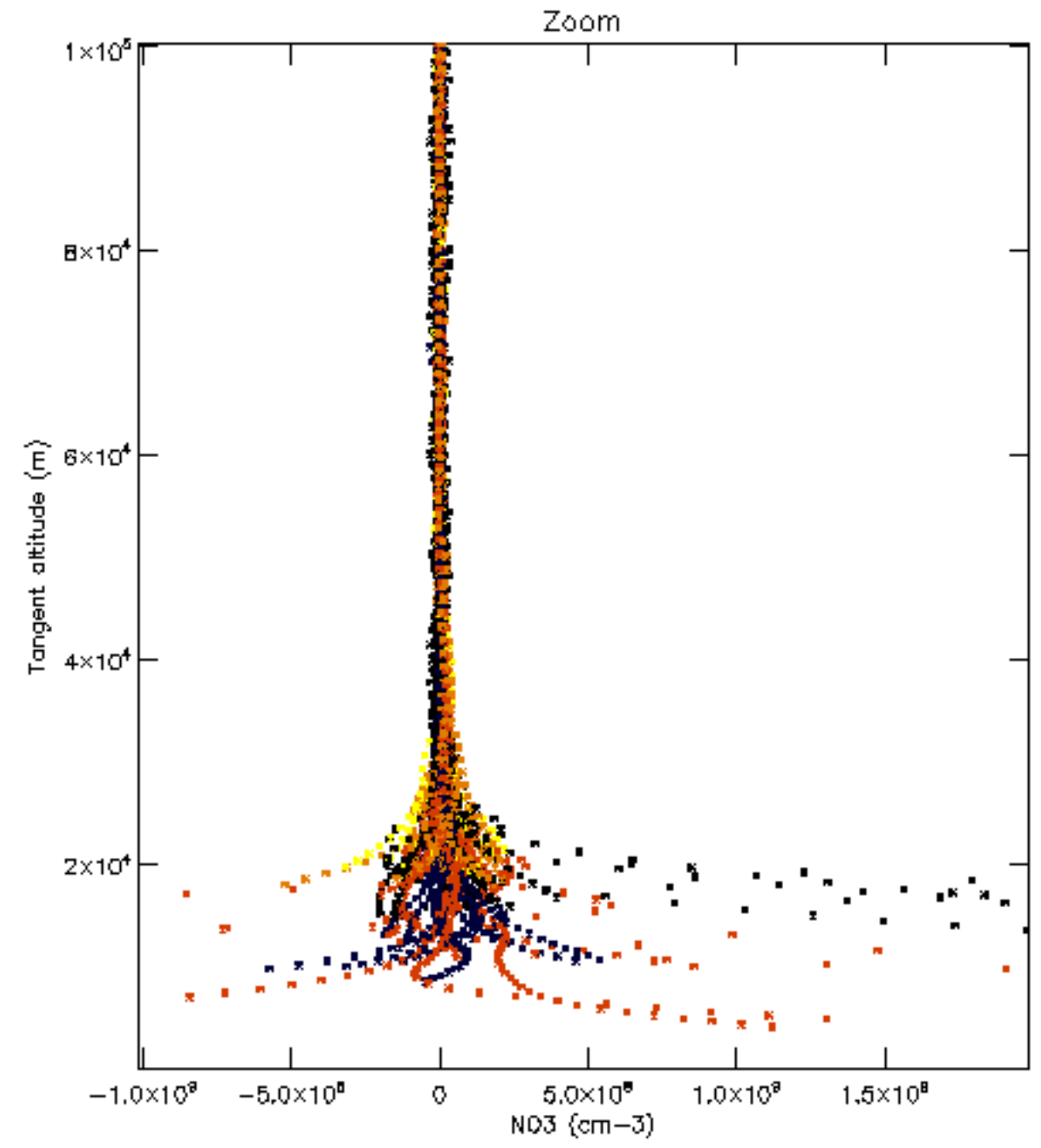
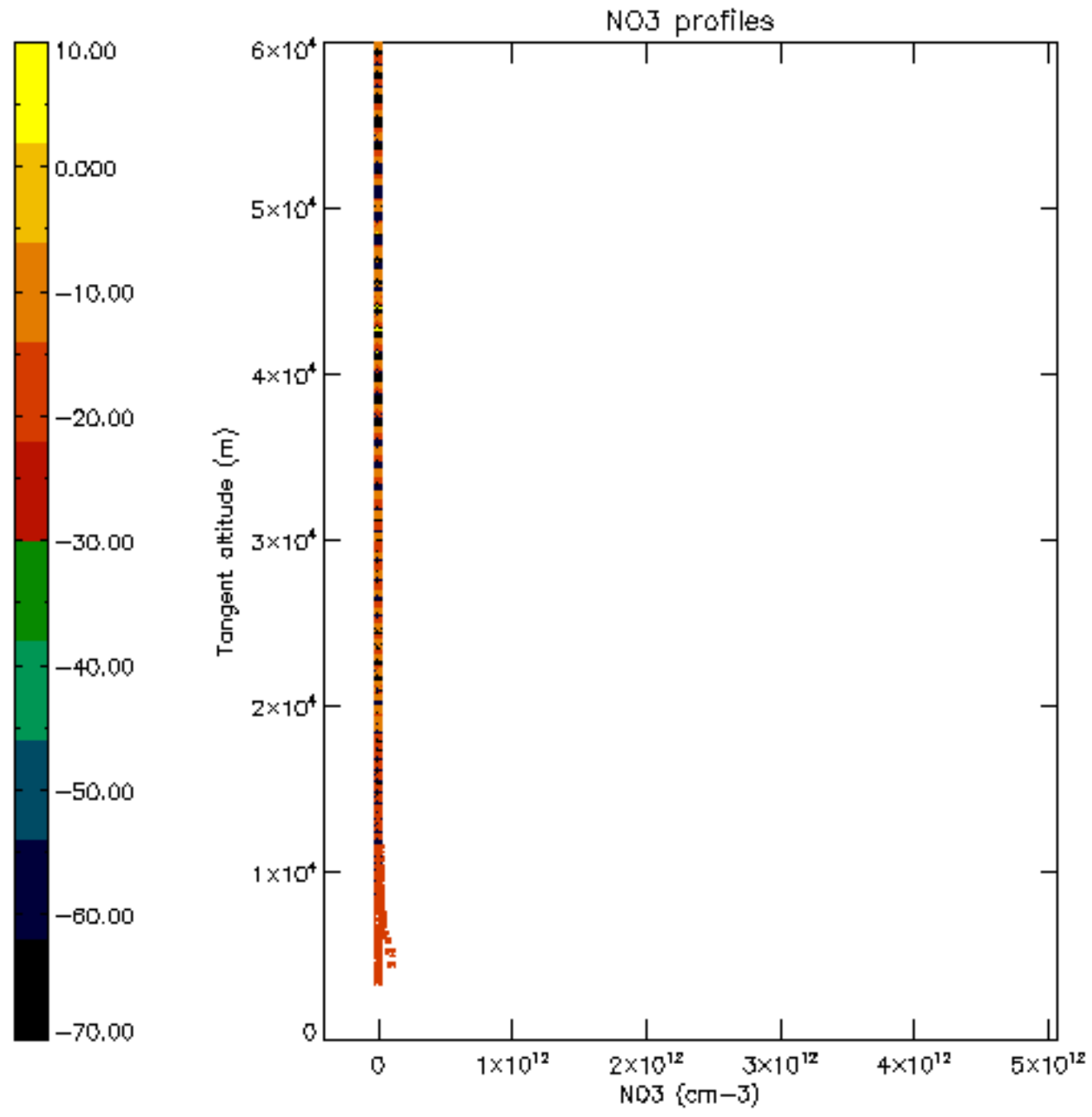




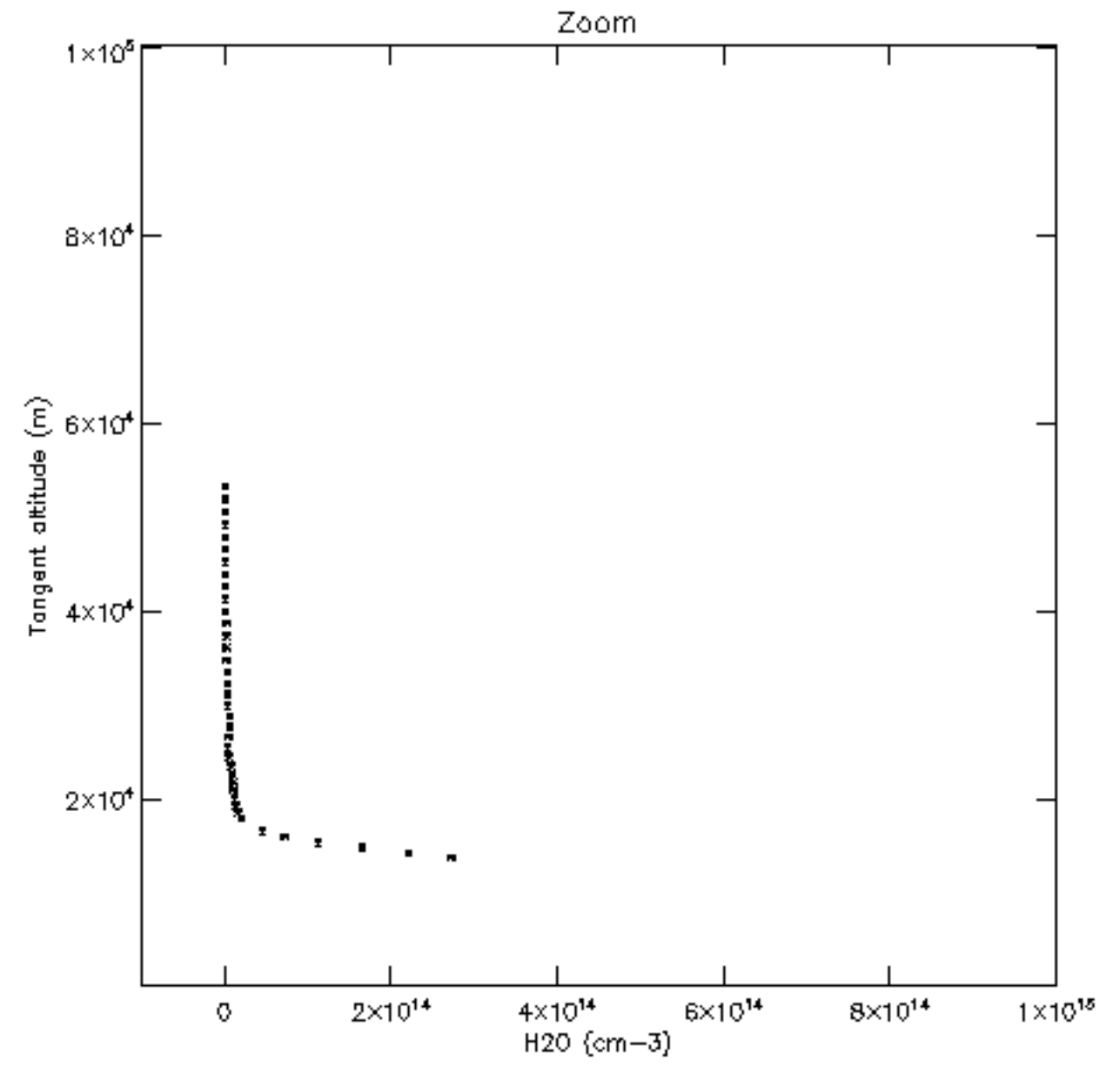
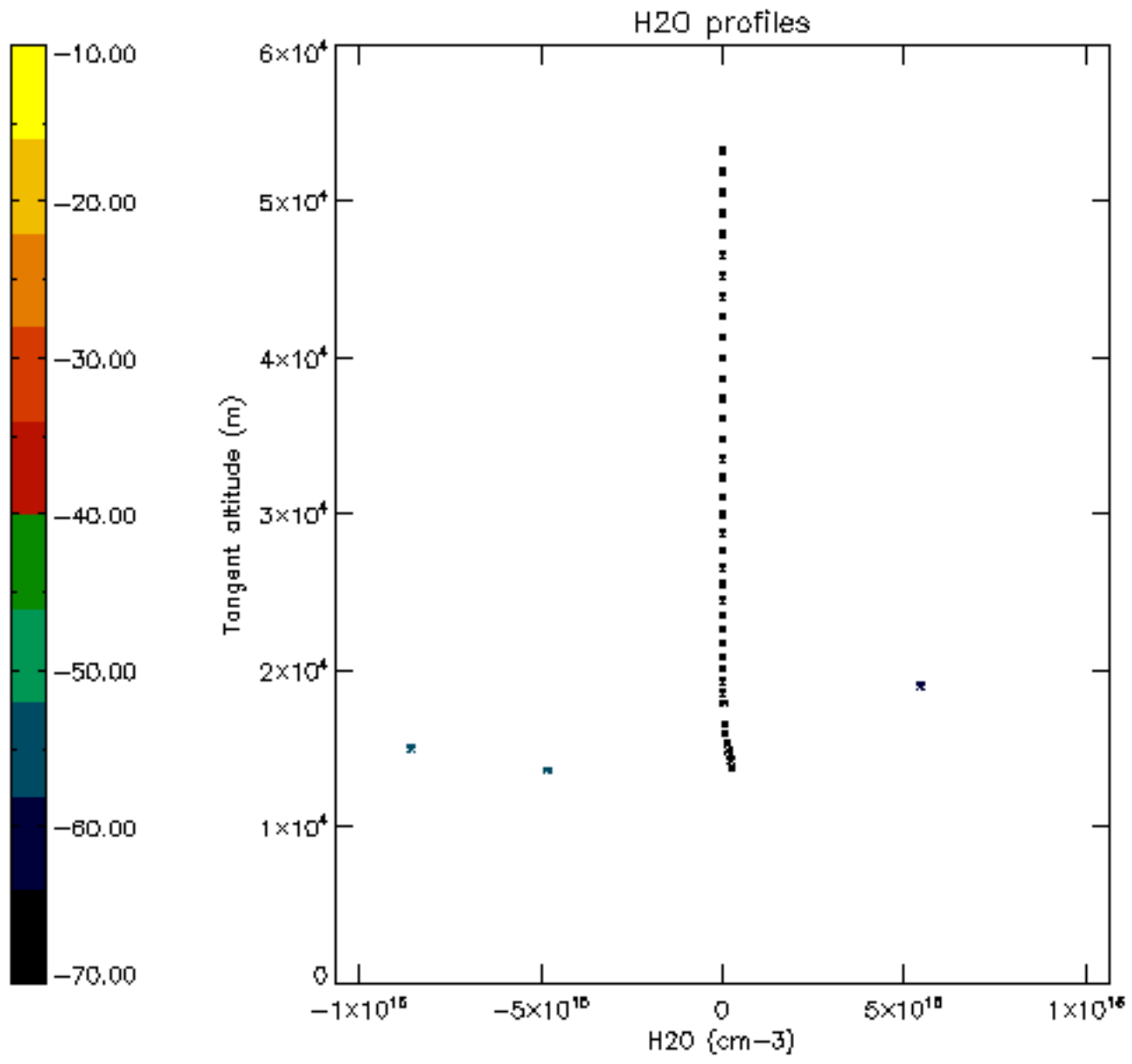


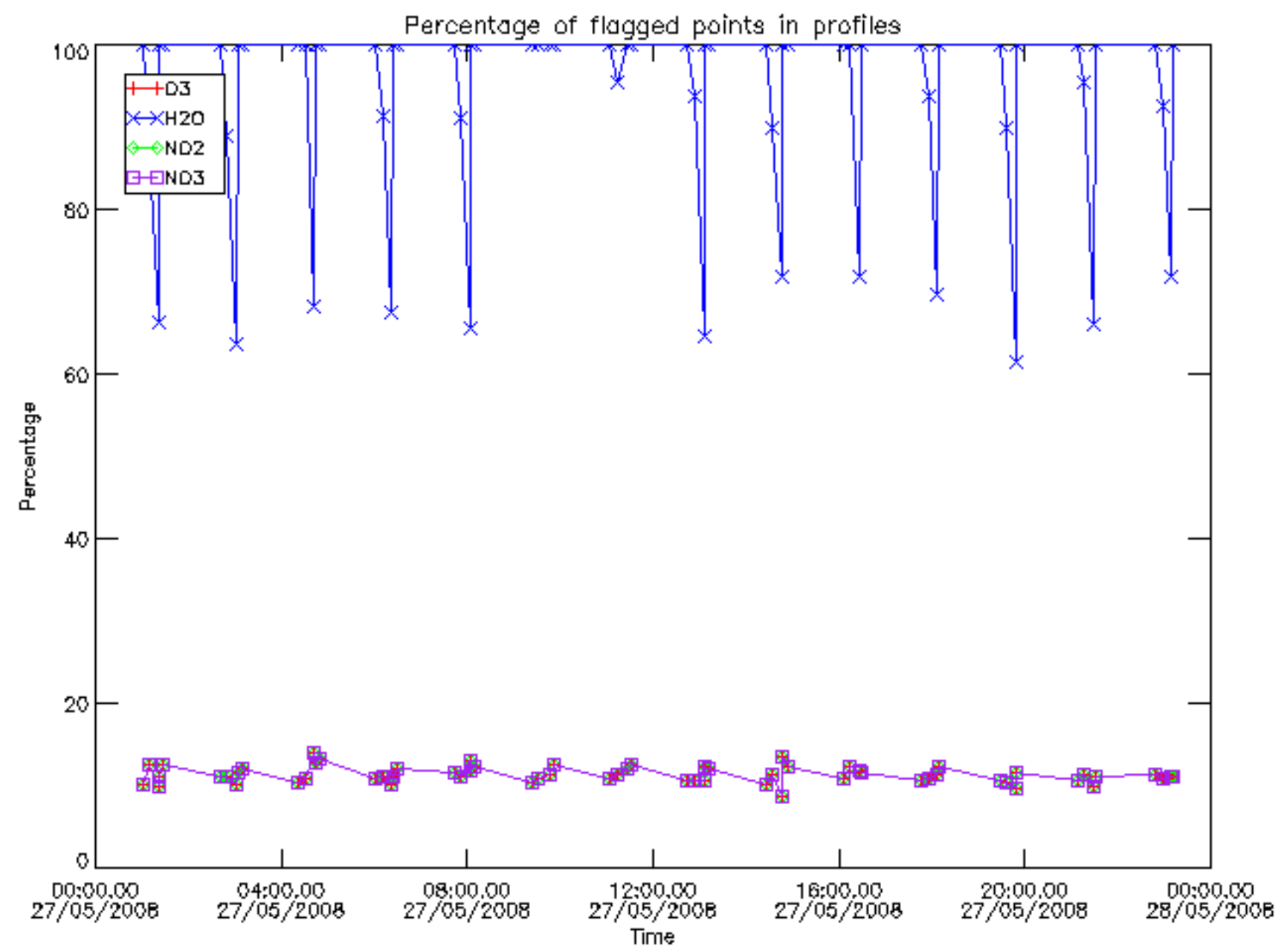




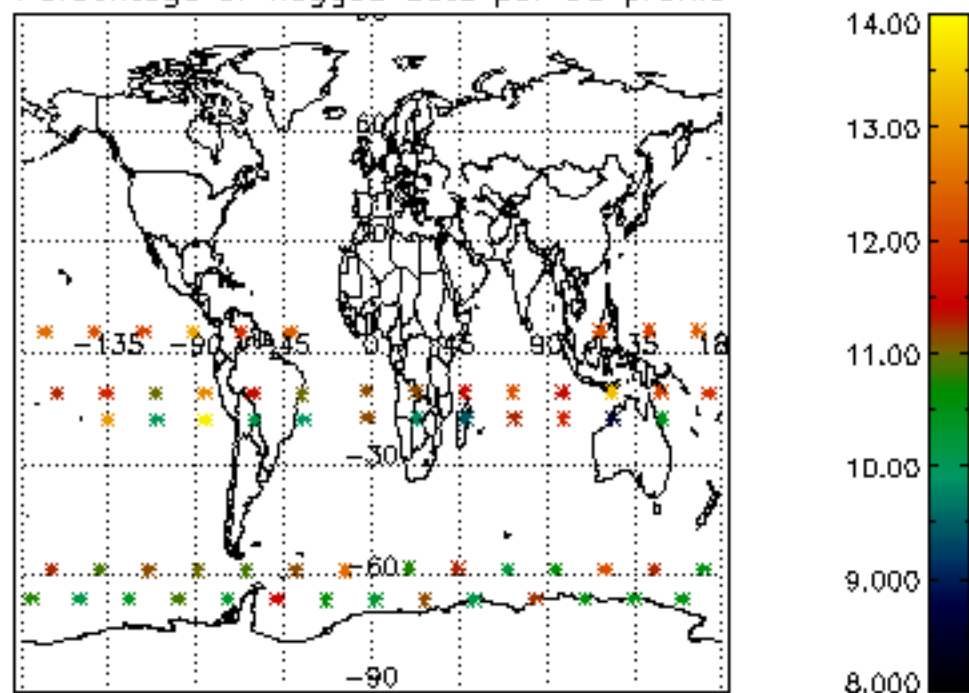




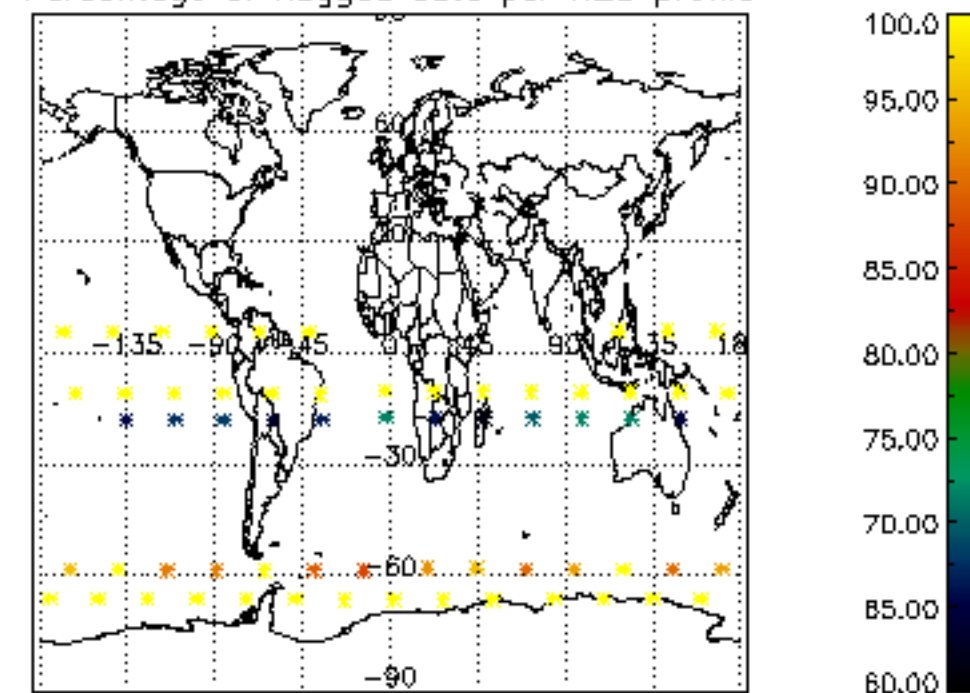




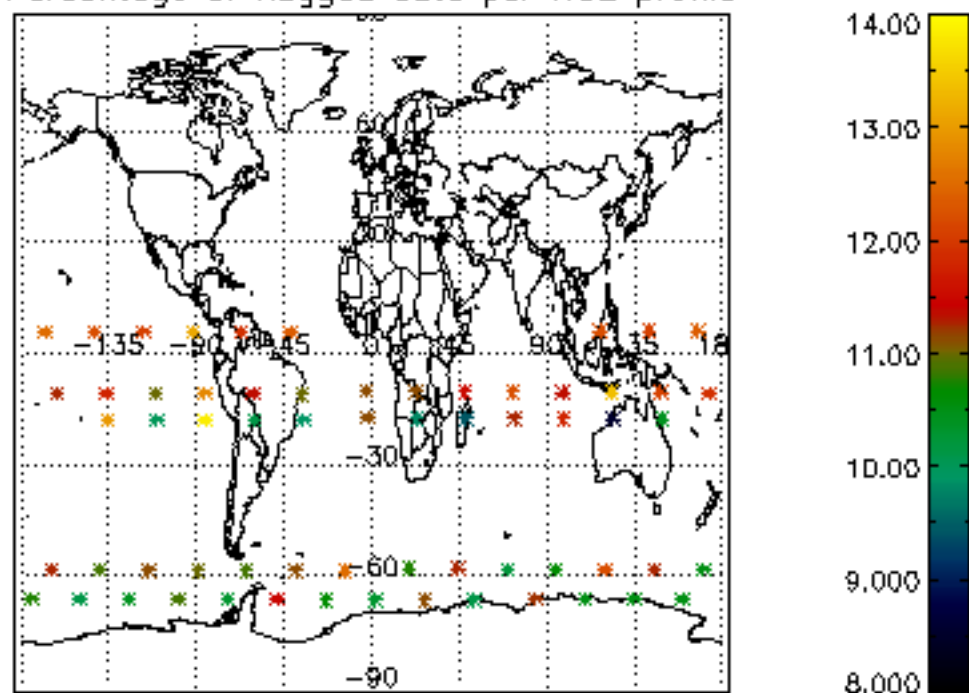
Percentage of flagged data per D3 profile



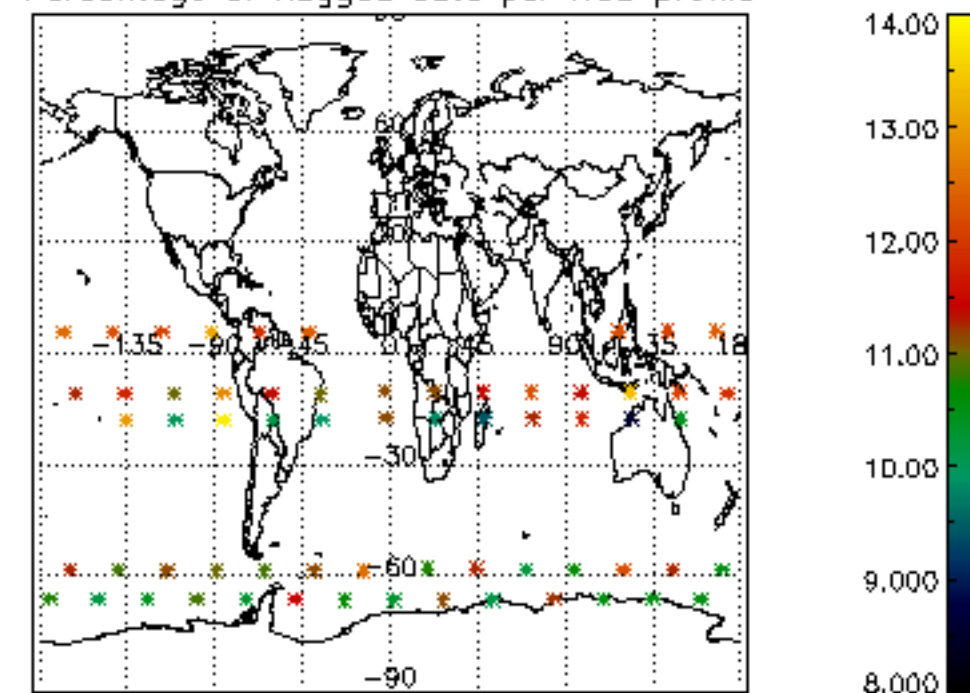
Percentage of flagged data per H2O profile

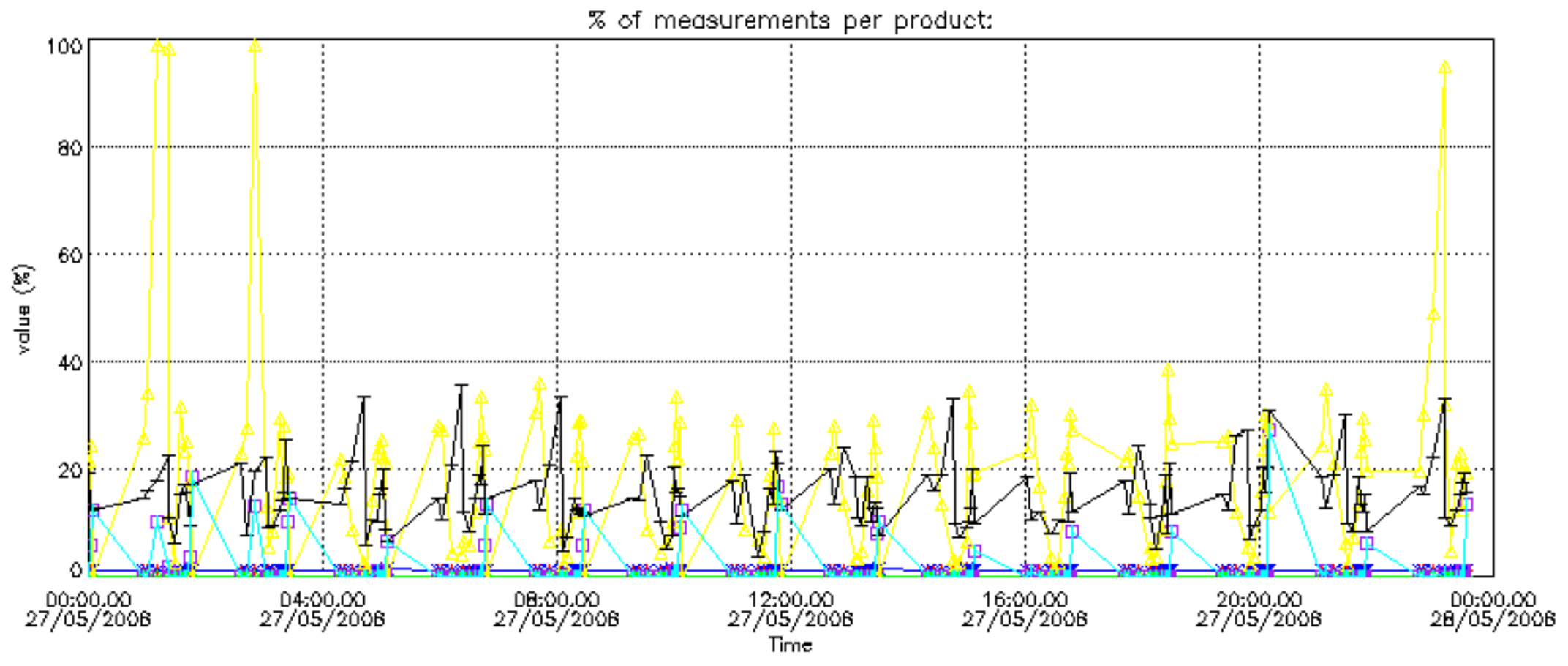


Percentage of flagged data per NO2 profile

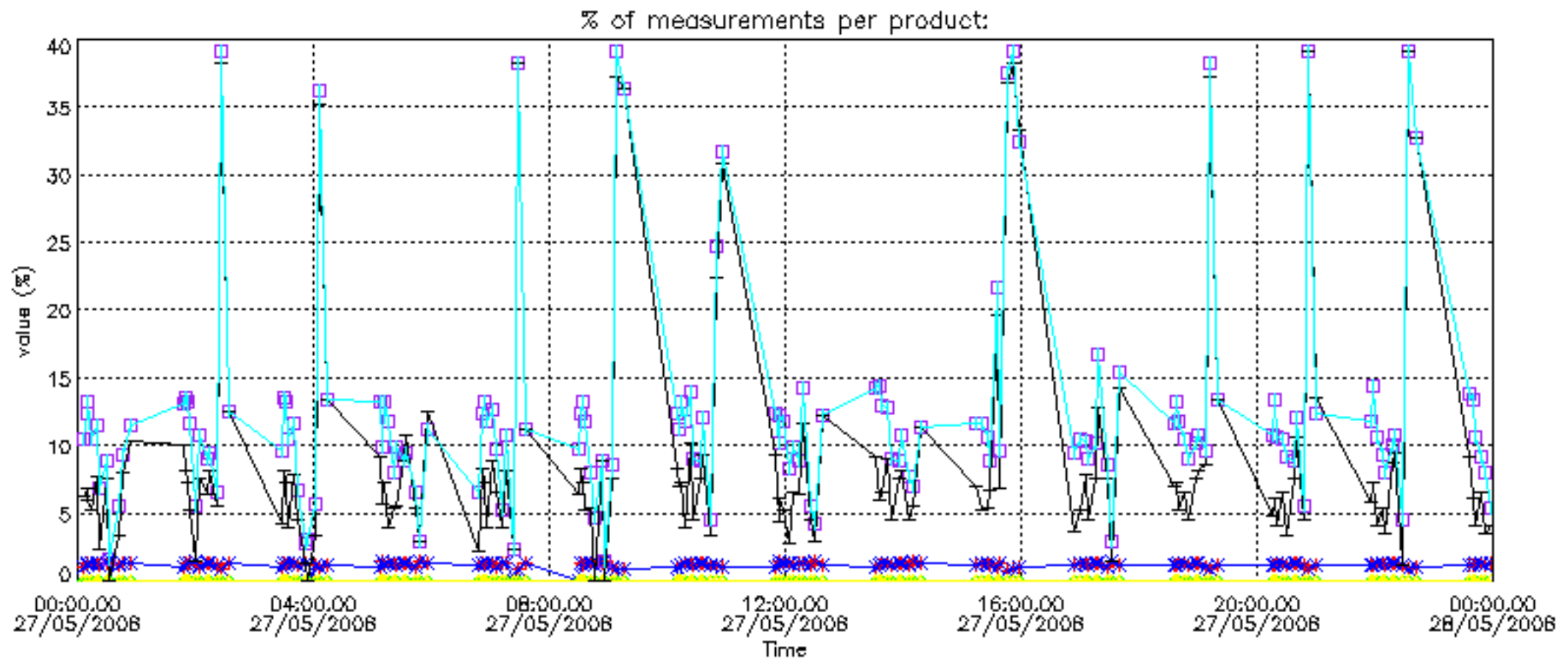


Percentage of flagged data per NO3 profile

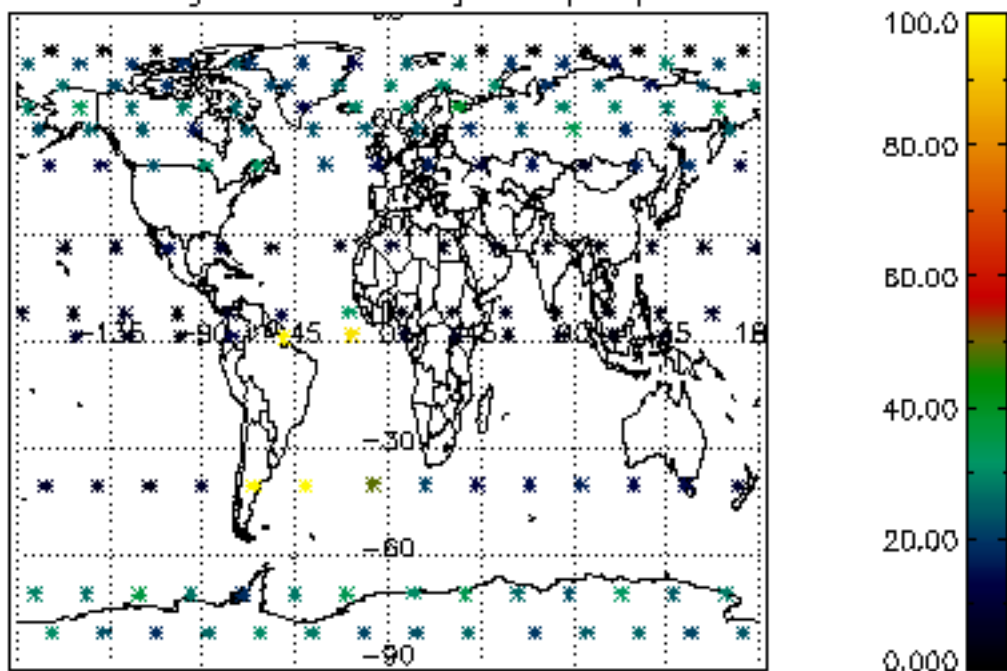




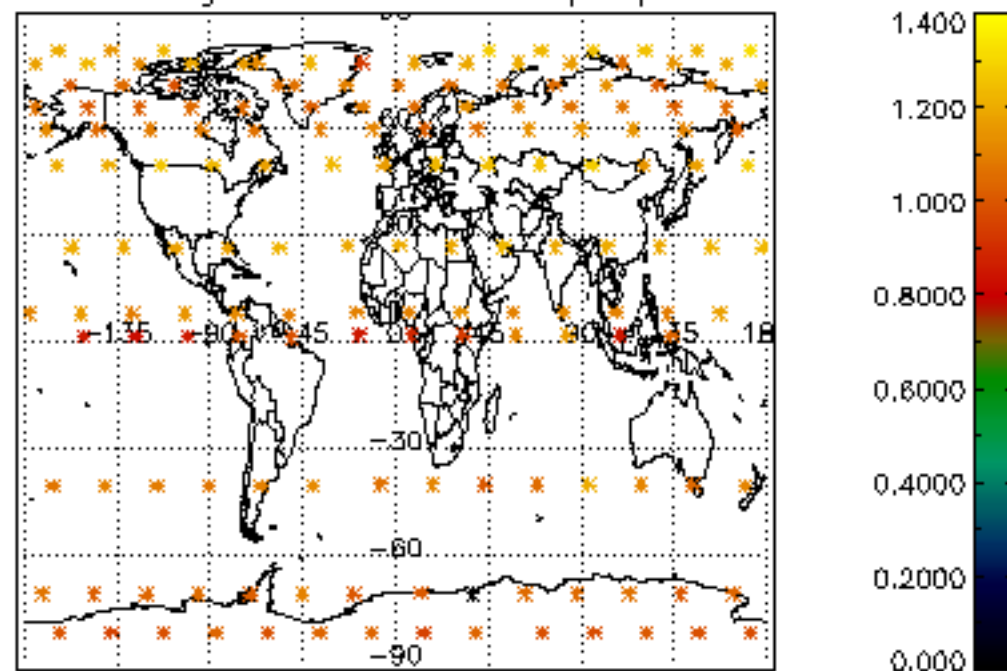




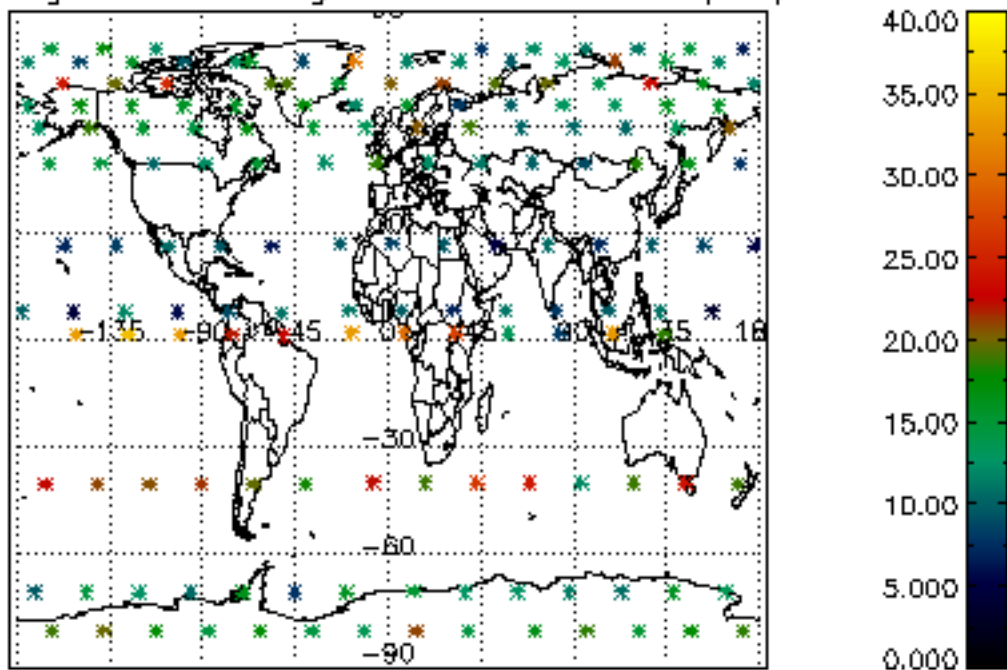
Percentage of cosmic ray hits per profile



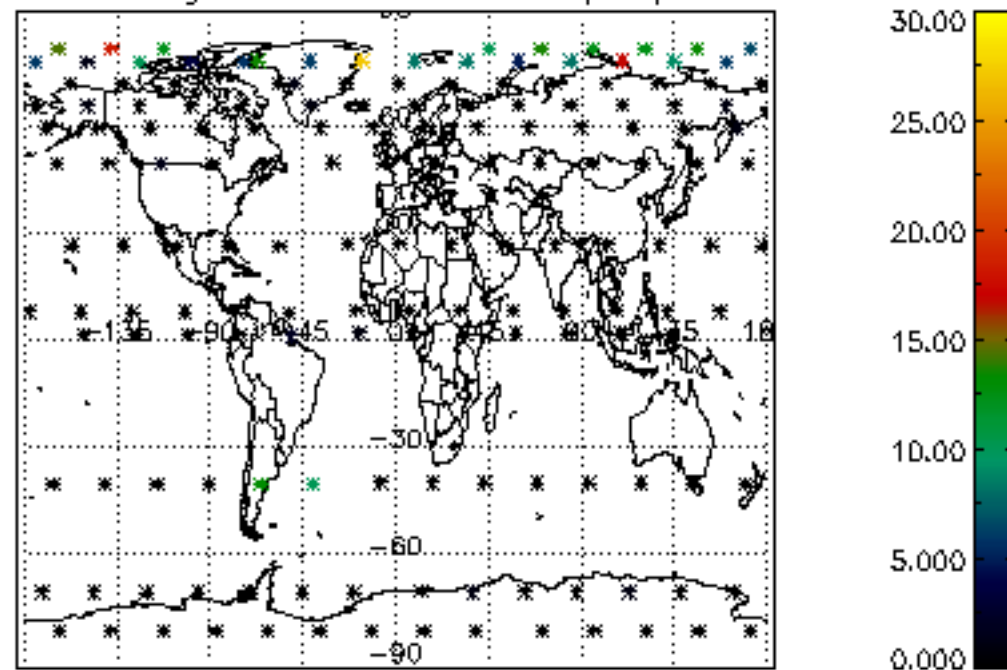
Percentage of datation errors per profile



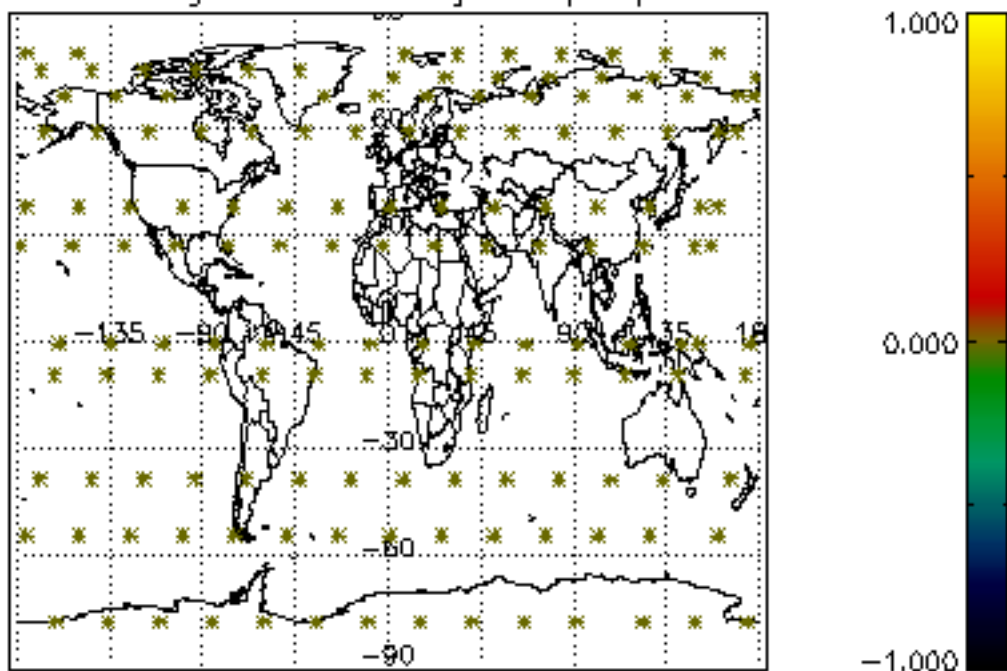
Percentage of star falling outside central band per profile



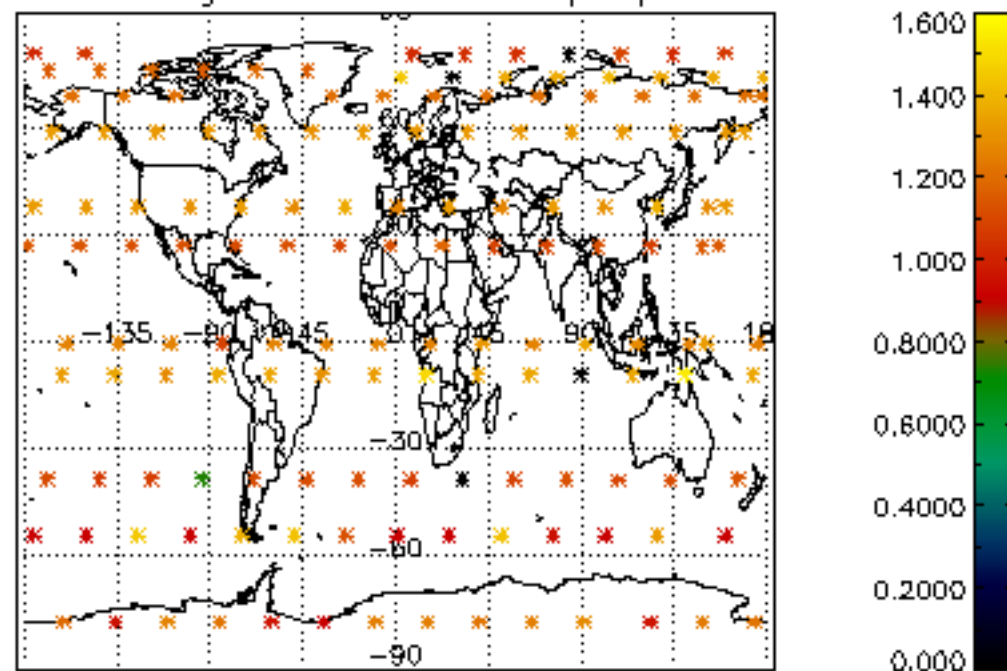
Percentage of saturation errors per profile



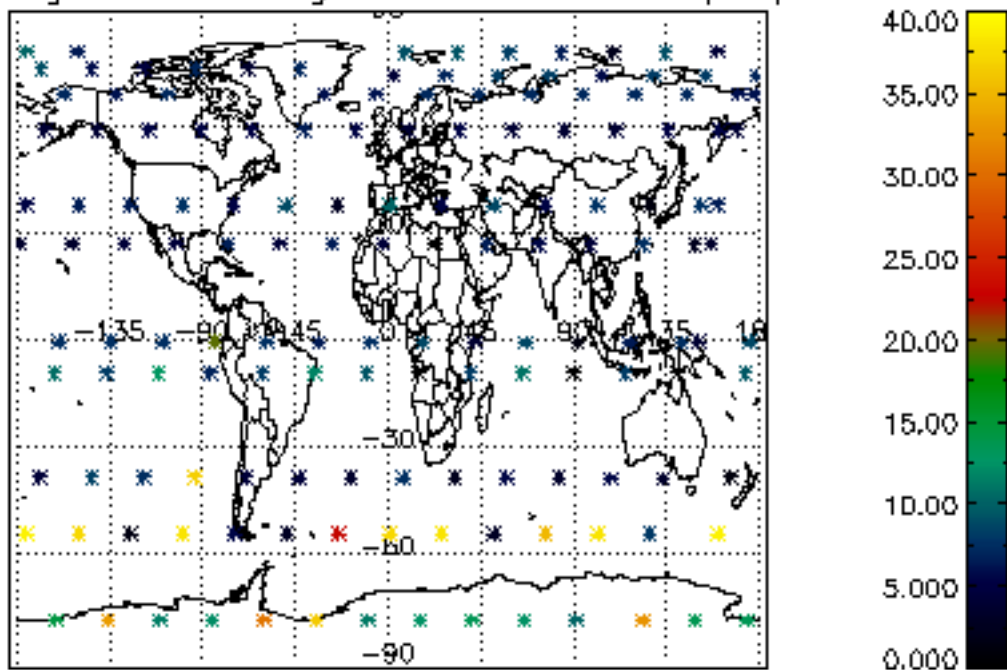
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

