

# 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 10:18:38
Data source version	GOMOS/6.01
Start time of products	10-02-2008 (10FEB2008 00:00:00)
Stop time of products	11-02-2008 (11FEB2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	335
Nb of prods with errors	0

## 2. Summary of processed GOM\_NL\_\_2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20080210_000631_000000332065_00474_31089_6375.N1	10-FEB-2008 00:06:31	Bright	33.000	89	5Alp Cep	2.4510	8000.0	66	31089	No
2	GOM_NL__2PRFIN20080210_001104_000000392065_00474_31089_6376.N1	10-FEB-2008 00:11:04	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	31089	No
3	GOM_NL__2PRFIN20080210_001443_000000362065_00474_31089_6377.N1	10-FEB-2008 00:14:43	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	31089	No
4	GOM_NL__2PRFIN20080210_002129_000000452065_00474_31089_6378.N1	10-FEB-2008 00:21:29	Bright	44.500	168	17Zet Aql	2.9860	11000.	89	31089	No
5	GOM_NL__2PRFIN20080210_003250_000000442065_00474_31089_6379.N1	10-FEB-2008 00:32:50	Twilight	44.000	137	22Lam Sgr	2.8240	4400.0	88	31089	No
6	GOM_NL__2PRFIN20080210_003408_000000442065_00474_31089_6380.N1	10-FEB-2008 00:34:08	Twilight	44.000	116	19Del Sgr	2.7000	4100.0	88	31089	No
7	GOM_NL__2PRFIN20080210_003518_000000422065_00474_31089_6381.N1	10-FEB-2008 00:35:18	Dark	42.000	38	20Eps Sgr	1.8360	11000.	84	31089	No
8	GOM_NL__2PRFIN20080210_003710_000000442065_00474_31089_6382.N1	10-FEB-2008 00:37:10	Dark	43.500	25	35Lam Sco	1.6200	28000.	87	31089	No
9	GOM_NL__2PRFIN20080210_003831_000000432065_00474_31089_6383.N1	10-FEB-2008 00:38:31	Dark	42.500	40	The Sco	1.8590	7100.0	85	31089	No
10	GOM_NL__2PRFIN20080210_004021_000000362065_00474_31089_6384.N1	10-FEB-2008 00:40:21	Dark	36.000	147	Alp Ara	2.8770	26000.	72	31089	No
11	GOM_NL__2PRFIN20080210_004151_000000382065_00474_31089_6385.N1	10-FEB-2008 00:41:51	Dark	37.500	141	Bet Ara	2.8400	4600.0	75	31089	No
12	GOM_NL__2PRFIN20080210_004536_000000482065_00475_31090_4693.N1	10-FEB-2008 00:45:36	Dark	48.000	43	Alp TrA	1.9100	4250.0	96	31090	No
13	GOM_NL__2PRFIN20080210_005213_000000462065_00475_31090_4694.N1	10-FEB-2008 00:52:13	Dark	45.500	12	Alp1Cru	0.77500	30000.	91	31090	No
14	GOM_NL__2PRFIN20080210_005507_000000372065_00475_31090_4695.N1	10-FEB-2008 00:55:07	Dark	36.500	29	Bet Car	1.6720	10200.	73	31090	No
15	GOM_NL__2PRFIN20080210_005739_000000382065_00475_31090_4696.N1	10-FEB-2008 00:57:39	Dark	37.500	71	lot Car	2.2460	7700.0	75	31090	No
16	GOM_NL__2PRFIN20080210_005919_000000382065_00475_31090_4697.N1	10-FEB-2008 00:59:19	Dark	38.000	46	Del Vel	1.9540	10600.	76	31090	No
17	GOM_NL__2PRFIN20080210_010145_000000422065_00475_31090_4698.N1	10-FEB-2008 01:01:45	Straylight	42.000	34	Gam2Vel	1.7930	23000.	84	31090	No
18	GOM_NL__2PRFIN20080210_010350_000000382065_00475_31090_4699.N1	10-FEB-2008 01:03:50	Straylight	37.500	70	Zet Pup	2.2460	39000.	75	31090	No
19	GOM_NL__2PRFIN20080210_010712_000000402065_00475_31090_4700.N1	10-FEB-2008 01:07:12	Straylight	39.500	88	31Eta CMa	2.4480	20000.	79	31090	No
20	GOM_NL__2PRFIN20080210_011639_000000452065_00475_31090_4701.N1	10-FEB-2008 01:16:39	Twilight	45.000	8	10Alp CMi	0.40000	6500.0	90	31090	No
21	GOM_NL__2PRFIN20080210_012024_000000382065_00475_31090_4702.N1	10-FEB-2008 01:20:24	Bright	37.500	44	24Gam Gem	1.9280	11000.	75	31090	No
22	GOM_NL__2PRFIN20080210_012303_000000392065_00475_31090_4703.N1	10-FEB-2008 01:23:03	Bright	38.500	17	78Bet Gem	1.1610	4500.0	77	31090	No
23	GOM_NL__2PRFIN20080210_012844_000000362065_00475_31090_4704.N1	10-FEB-2008 01:28:44	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	31090	No
24	GOM_NL__2PRFIN20080210_014028_000000342065_00475_31090_4705.N1	10-FEB-2008 01:40:28	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	31090	No
25	GOM_NL__2PRFIN20080210_014707_000000522065_00475_31090_4706.N1	10-FEB-2008 01:47:07	Bright	52.000	89	5Alp Cep	2.4510	8000.0	104	31090	No
26	GOM_NL__2PRFIN20080210_015140_000000392065_00475_31090_4707.N1	10-FEB-2008 01:51:40	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	31090	No
27	GOM_NL__2PRFIN20080210_015519_000000392065_00475_31090_4708.N1	10-FEB-2008 01:55:19	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	31090	No
28	GOM_NL__2PRFIN20080210_020205_000000322065_00475_31090_4709.N1	10-FEB-2008 02:02:05	Bright	32.000	168	17Zet Aql	2.9860	11000.	64	31090	No
29	GOM_NL__2PRFIN20080210_021326_000000412065_00475_31090_4710.N1	10-FEB-2008 02:13:26	Twilight	41.000	137	22Lam Sgr	2.8240	4400.0	82	31090	No
30	GOM_NL__2PRFIN20080210_021444_000000442065_00475_31090_4711.N1	10-FEB-2008 02:14:44	Twilight	44.000	116	19Del Sgr	2.7000	4100.0	88	31090	No
31	GOM_NL__2PRFIN20080210_021554_000000432065_00475_31090_4712.N1	10-FEB-2008 02:15:54	Dark	42.500	38	20Eps Sgr	1.8360	11000.	85	31090	No
32	GOM_NL__2PRFIN20080210_021746_000000392065_00475_31090_4713.N1	10-FEB-2008 02:17:46	Dark	38.500	25	35Lam Sco	1.6200	28000.	77	31090	No
33	GOM_NL__2PRFIN20080210_021908_000000442065_00475_31090_4714.N1	10-FEB-2008 02:19:08	Dark	43.500	40	The Sco	1.8590	7100.0	87	31090	No
34	GOM_NL__2PRFIN20080210_022057_000000382065_00475_31090_4715.N1	10-FEB-2008 02:20:57	Dark	37.500	147	Alp Ara	2.8770	26000.	75	31090	No
35	GOM_NL__2PRFIN20080210_022227_000000432065_00475_31090_4716.N1	10-FEB-2008 02:22:27	Dark	42.500	141	Bet Ara	2.8400	4600.0	85	31090	No
36	GOM_NL__2PRFIN20080210_022612_000000412065_00476_31091_4707.N1	10-FEB-2008 02:26:12	Dark	40.500	43	Alp TrA	1.9100	4250.0	81	31091	No
37	GOM_NL__2PRFIN20080210_023250_000000412065_00476_31091_4708.N1	10-FEB-2008 02:32:50	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	31091	No
38	GOM_NL__2PRFIN20080210_023543_000000452065_00476_31091_4709.N1	10-FEB-2008 02:35:43	Dark	45.000	29	Bet Car	1.6720	10200.	90	31091	No
39	GOM_NL__2PRFIN20080210_023815_000000382065_00476_31091_4710.N1	10-FEB-2008 02:38:15	Dark	38.000	71	lot Car	2.2460	7700.0	76	31091	No
40	GOM_NL__2PRFIN20080210_023955_000000432065_00476_31091_4711.N1	10-FEB-2008 02:39:55	Dark	43.000	46	Del Vel	1.9540	10600.	86	31091	No
41	GOM_NL__2PRFIN20080210_024221_000000382065_00476_31091_4712.N1	10-FEB-2008 02:42:21	Straylight	37.500	34	Gam2Vel	1.7930	23000.	75	31091	No
42	GOM_NL__2PRFIN20080210_024426_000000382065_00476_31091_4713.N1	10-FEB-2008 02:44:26	Straylight	37.500	70	Zet Pup	2.2460	39000.	75	31091	No

43	GOM_NL__2PRFIN20080210_024748_000000412065_00476_31091_4714.N1	10-FEB-2008 02:47:48	Straylight	40.500	88	31Eta CMa	2.4480	20000.	81	31091	No
44	GOM_NL__2PRFIN20080210_025715_000000472065_00476_31091_4715.N1	10-FEB-2008 02:57:15	Twilight	46.500	8	10Alp CMI	0.40000	6500.0	93	31091	No
45	GOM_NL__2PRFIN20080210_030100_000000372065_00476_31091_4716.N1	10-FEB-2008 03:01:00	Bright	36.500	44	24Gam Gem	1.9280	11000.	73	31091	No
46	GOM_NL__2PRFIN20080210_030339_000000402065_00476_31091_4717.N1	10-FEB-2008 03:03:39	Bright	40.000	17	78Bet Gem	1.1610	4500.0	80	31091	No
47	GOM_NL__2PRFIN20080210_030920_000000372065_00476_31091_4718.N1	10-FEB-2008 03:09:20	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	31091	No
48	GOM_NL__2PRFIN20080210_032104_000000372065_00476_31091_4719.N1	10-FEB-2008 03:21:04	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	31091	No
49	GOM_NL__2PRFIN20080210_032743_000000362065_00476_31091_4720.N1	10-FEB-2008 03:27:43	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	31091	No
50	GOM_NL__2PRFIN20080210_033216_000000392065_00476_31091_4721.N1	10-FEB-2008 03:32:16	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	31091	No
51	GOM_NL__2PRFIN20080210_033555_000000352065_00476_31091_4722.N1	10-FEB-2008 03:35:55	Bright	34.500	5	3Alp Lyr	0.033000	11000.	69	31091	No
52	GOM_NL__2PRFIN20080210_034241_000000332065_00476_31091_4723.N1	10-FEB-2008 03:42:41	Bright	32.500	168	17Zet Aql	2.9860	11000.	65	31091	No
53	GOM_NL__2PRFIN20080210_035402_000000402065_00476_31091_4724.N1	10-FEB-2008 03:54:02	Twilight	39.500	137	22Lam Sgr	2.8240	4400.0	79	31091	No
54	GOM_NL__2PRFIN20080210_035521_000000402065_00476_31091_4725.N1	10-FEB-2008 03:55:21	Twilight	40.000	116	19Del Sgr	2.7000	4100.0	80	31091	No
55	GOM_NL__2PRFIN20080210_035630_000000392065_00476_31091_4726.N1	10-FEB-2008 03:56:30	Dark	38.500	38	20Eps Sgr	1.8360	11000.	77	31091	No
56	GOM_NL__2PRFIN20080210_035822_000000382065_00476_31091_4727.N1	10-FEB-2008 03:58:22	Dark	38.000	25	35Lam Sco	1.6200	28000.	76	31091	No
57	GOM_NL__2PRFIN20080210_035944_000000422065_00476_31091_4728.N1	10-FEB-2008 03:59:44	Dark	42.000	40	The Sco	1.8590	7100.0	84	31091	No
58	GOM_NL__2PRFIN20080210_040134_000000382065_00476_31091_4729.N1	10-FEB-2008 04:01:34	Dark	38.000	147	Alp Ara	2.8770	26000.	76	31091	No
59	GOM_NL__2PRFIN20080210_040304_000000432065_00476_31091_4730.N1	10-FEB-2008 04:03:04	Dark	43.000	141	Bet Ara	2.8400	4600.0	86	31091	No
60	GOM_NL__2PRFIN20080210_040648_000000392065_00477_31092_4721.N1	10-FEB-2008 04:06:48	Dark	38.500	43	Alp TrA	1.9100	4250.0	77	31092	No
61	GOM_NL__2PRFIN20080210_041327_000000412065_00477_31092_4722.N1	10-FEB-2008 04:13:27	Dark	41.000	12	Alp1Cru	0.77500	30000.	82	31092	No
62	GOM_NL__2PRFIN20080210_041620_000000362065_00477_31092_4723.N1	10-FEB-2008 04:16:20	Dark	35.500	29	Bet Car	1.6720	10200.	71	31092	No
63	GOM_NL__2PRFIN20080210_041851_000000382065_00477_31092_4724.N1	10-FEB-2008 04:18:51	Dark	38.000	71	lot Car	2.2460	7700.0	76	31092	No
64	GOM_NL__2PRFIN20080210_042032_000000382065_00477_31092_4725.N1	10-FEB-2008 04:20:32	Dark	38.000	46	Del Vel	1.9540	10600.	76	31092	No
65	GOM_NL__2PRFIN20080210_042258_000000382065_00477_31092_4726.N1	10-FEB-2008 04:22:58	Straylight	37.500	34	Gam2Vel	1.7930	23000.	75	31092	No
66	GOM_NL__2PRFIN20080210_042502_000000412065_00477_31092_4727.N1	10-FEB-2008 04:25:02	Straylight	40.500	70	Zet Pup	2.2460	39000.	81	31092	No
67	GOM_NL__2PRFIN20080210_042825_000000392065_00477_31092_4728.N1	10-FEB-2008 04:28:25	Straylight	39.000	88	31Eta CMa	2.4480	20000.	78	31092	No
68	GOM_NL__2PRFIN20080210_043751_000000492065_00477_31092_4729.N1	10-FEB-2008 04:37:51	Twilight	48.500	8	10Alp CMI	0.40000	6500.0	97	31092	No
69	GOM_NL__2PRFIN20080210_044137_000000382065_00477_31092_4730.N1	10-FEB-2008 04:41:37	Bright	37.500	44	24Gam Gem	1.9280	11000.	75	31092	No
70	GOM_NL__2PRFIN20080210_044415_000000392065_00477_31092_4731.N1	10-FEB-2008 04:44:15	Bright	39.000	17	78Bet Gem	1.1610	4500.0	78	31092	No
71	GOM_NL__2PRFIN20080210_044956_000000362065_00477_31092_4732.N1	10-FEB-2008 04:49:56	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	31092	No
72	GOM_NL__2PRFIN20080210_050140_000000352065_00477_31092_4733.N1	10-FEB-2008 05:01:40	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	31092	No
73	GOM_NL__2PRFIN20080210_050819_000000372065_00477_31092_4734.N1	10-FEB-2008 05:08:19	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	31092	No
74	GOM_NL__2PRFIN20080210_051252_000000382065_00477_31092_4735.N1	10-FEB-2008 05:12:52	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	31092	No
75	GOM_NL__2PRFIN20080210_051631_000000372065_00477_31092_4736.N1	10-FEB-2008 05:16:31	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	31092	No
76	GOM_NL__2PRFIN20080210_052317_000000332065_00477_31092_4737.N1	10-FEB-2008 05:23:17	Bright	33.000	168	17Zet Aql	2.9860	11000.	66	31092	No
77	GOM_NL__2PRFIN20080210_053438_000000432065_00477_31092_4738.N1	10-FEB-2008 05:34:38	Twilight	43.000	137	22Lam Sgr	2.8240	4400.0	86	31092	No
78	GOM_NL__2PRFIN20080210_053557_000000432065_00477_31092_4739.N1	10-FEB-2008 05:35:57	Twilight	42.500	116	19Del Sgr	2.7000	4100.0	85	31092	No
79	GOM_NL__2PRFIN20080210_053706_000000422065_00477_31092_4740.N1	10-FEB-2008 05:37:06	Dark	41.500	38	20Eps Sgr	1.8360	11000.	83	31092	No
80	GOM_NL__2PRFIN20080210_053859_000000432065_00477_31092_4741.N1	10-FEB-2008 05:38:59	Dark	42.500	25	35Lam Sco	1.6200	28000.	85	31092	No
81	GOM_NL__2PRFIN20080210_054021_000000422065_00477_31092_4742.N1	10-FEB-2008 05:40:21	Dark	42.000	40	The Sco	1.8590	7100.0	84	31092	No
82	GOM_NL__2PRFIN20080210_054210_000000382065_00477_31092_4743.N1	10-FEB-2008 05:42:10	Dark	37.500	147	Alp Ara	2.8770	26000.	75	31092	No
83	GOM_NL__2PRFIN20080210_054340_000000412065_00477_31092_4744.N1	10-FEB-2008 05:43:40	Dark	40.500	141	Bet Ara	2.8400	4600.0	81	31092	No
84	GOM_NL__2PRFIN20080210_054725_000000452065_00478_31093_4731.N1	10-FEB-2008 05:47:25	Dark	45.000	43	Alp TrA	1.9100	4250.0	90	31093	No
85	GOM_NL__2PRFIN20080210_055403_000000452065_00478_31093_4732.N1	10-FEB-2008 05:54:03	Dark	45.000	12	Alp1Cru	0.77500	30000.	90	31093	No
86	GOM_NL__2PRFIN20080210_055656_000000412065_00478_31093_4733.N1	10-FEB-2008 05:56:56	Dark	40.500	29	Bet Car	1.6720	10200.	81	31093	No
87	GOM_NL__2PRFIN20080210_055928_000000382065_00478_31093_4734.N1	10-FEB-2008 05:59:28	Dark	38.000	71	lot Car	2.2460	7700.0	76	31093	No
88	GOM_NL__2PRFIN20080210_060108_000000382065_00478_31093_4735.N1	10-FEB-2008 06:01:08	Dark	38.000	46	Del Vel	1.9540	10600.	76	31093	No
89	GOM_NL__2PRFIN20080210_060334_000000402065_00478_31093_4736.N1	10-FEB-2008 06:03:34	Straylight	40.000	34	Gam2Vel	1.7930	23000.	80	31093	No
90	GOM_NL__2PRFIN20080210_060539_000000402065_00478_31093_4737.N1	10-FEB-2008 06:05:39	Straylight	40.000	70	Zet Pup	2.2460	39000.	80	31093	No
91	GOM_NL__2PRFIN20080210_060901_000000402065_00478_31093_4738.N1	10-FEB-2008 06:09:01	Straylight	40.000	88	31Eta CMa	2.4480	20000.	80	31093	No
92	GOM_NL__2PRFIN20080210_061827_000000492065_00478_31093_4739.N1	10-FEB-2008 06:18:27	Twilight	48.500	8	10Alp CMI	0.40000	6500.0	97	31093	No
93	GOM_NL__2PRFIN20080210_062213_000000382065_00478_31093_4740.N1	10-FEB-2008 06:22:13	Bright	37.500	44	24Gam Gem	1.9280	11000.	75	31093	No
94	GOM_NL__2PRFIN20080210_062452_000000382065_00478_31093_4741.N1	10-FEB-2008 06:24:52	Bright	38.000	17	78Bet Gem	1.1610	4500.0	76	31093	No
95	GOM_NL__2PRFIN20080210_063033_000000372065_00478_31093_4742.N1	10-FEB-2008 06:30:33	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	31093	No
96	GOM_NL__2PRFIN20080210_064216_000000352065_00478_31093_4743.N1	10-FEB-2008 06:42:16	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	31093	No
97	GOM_NL__2PRFIN20080210_064855_000000352065_00478_31093_4744.N1	10-FEB-2008 06:48:55	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	31093	No
98	GOM_NL__2PRFIN20080210_065328_000000402065_00478_31093_4745.N1	10-FEB-2008 06:53:28	Bright	40.000	69	33Gam Dra	2.2310	3800.0	80	31093	No
99	GOM_NL__2PRFIN20080210_065707_000000352065_00478_31093_4746.N1	10-FEB-2008 06:57:07	Bright	34.500	5	3Alp Lyr	0.033000	11000.	69	31093	No
100	GOM_NL__2PRFIN20080210_070353_000000342065_00478_31093_4747.N1	10-FEB-2008 07:03:53	Bright	33.500	168	17Zet Aql	2.9860	11000.	67	31093	No
101	GOM_NL__2PRFIN20080210_071515_000000432065_00478_31093_4748.N1	10-FEB-2008 07:15:15	Twilight	43.000	137	22Lam Sgr	2.8240	4400.0	86	31093	No

102	GOM_NL__2PRFIN20080210_071633_000000432065_00478_31093_4749.N1	10-FEB-2008 07:16:33	Twilight	43.000	116	19Del Sgr	2.7000	4100.0	86	31093	No
103	GOM_NL__2PRFIN20080210_071743_000000422065_00478_31093_4750.N1	10-FEB-2008 07:17:43	Dark	42.000	38	20Eps Sgr	1.8360	11000.	84	31093	No
104	GOM_NL__2PRFIN20080210_071935_000000402065_00478_31093_4751.N1	10-FEB-2008 07:19:35	Dark	39.500	25	35Lam Sco	1.6200	28000.	79	31093	No
105	GOM_NL__2PRFIN20080210_072057_000000412065_00478_31093_4752.N1	10-FEB-2008 07:20:57	Dark	40.500	40	The Sco	1.8590	7100.0	81	31093	No
106	GOM_NL__2PRFIN20080210_072246_000000372065_00478_31093_4753.N1	10-FEB-2008 07:22:46	Dark	37.000	147	Alp Ara	2.8770	26000.	74	31093	No
107	GOM_NL__2PRFIN20080210_072416_000000402065_00478_31093_4754.N1	10-FEB-2008 07:24:16	Dark	39.500	141	Bet Ara	2.8400	4600.0	79	31093	No
108	GOM_NL__2PRFIN20080210_072801_000000402065_00479_31094_4753.N1	10-FEB-2008 07:28:01	Dark	40.000	43	Alp TrA	1.9100	4250.0	80	31094	No
109	GOM_NL__2PRFIN20080210_073439_000000442065_00479_31094_4754.N1	10-FEB-2008 07:34:39	Dark	43.500	12	Alp1Cru	0.77500	30000.	87	31094	No
110	GOM_NL__2PRFIN20080210_073732_000000412065_00479_31094_4755.N1	10-FEB-2008 07:37:32	Dark	41.000	29	Bet Car	1.6720	10200.	82	31094	No
111	GOM_NL__2PRFIN20080210_074004_000000392065_00479_31094_4756.N1	10-FEB-2008 07:40:04	Dark	39.000	71	lot Car	2.2460	7700.0	78	31094	No
112	GOM_NL__2PRFIN20080210_074144_000000382065_00479_31094_4757.N1	10-FEB-2008 07:41:44	Dark	38.000	46	Del Vel	1.9540	10600.	76	31094	No
113	GOM_NL__2PRFIN20080210_074410_000000392065_00479_31094_4758.N1	10-FEB-2008 07:44:10	Straylight	39.000	34	Gam2Vel	1.7930	23000.	78	31094	No
114	GOM_NL__2PRFIN20080210_074615_000000382065_00479_31094_4759.N1	10-FEB-2008 07:46:15	Straylight	38.000	70	Zet Pup	2.2460	39000.	76	31094	No
115	GOM_NL__2PRFIN20080210_074937_000000382065_00479_31094_4760.N1	10-FEB-2008 07:49:37	Straylight	38.000	88	31Eta CMa	2.4480	20000.	76	31094	No
116	GOM_NL__2PRFIN20080210_075903_000000442065_00479_31094_4761.N1	10-FEB-2008 07:59:03	Twilight	44.000	8	10Alp CMi	0.40000	6500.0	88	31094	No
117	GOM_NL__2PRFIN20080210_080249_000000382065_00479_31094_4762.N1	10-FEB-2008 08:02:49	Bright	38.000	44	24Gam Gem	1.9280	11000.	76	31094	No
118	GOM_NL__2PRFIN20080210_080527_000000382065_00479_31094_4763.N1	10-FEB-2008 08:05:27	Bright	37.500	17	78Bet Gem	1.1610	4500.0	75	31094	No
119	GOM_NL__2PRFIN20080210_081109_000000362065_00479_31094_4764.N1	10-FEB-2008 08:11:09	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	31094	No
120	GOM_NL__2PRFIN20080210_082252_000000362065_00479_31094_4765.N1	10-FEB-2008 08:22:52	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	31094	No
121	GOM_NL__2PRFIN20080210_082932_000000352065_00479_31094_4766.N1	10-FEB-2008 08:29:32	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	31094	No
122	GOM_NL__2PRFIN20080210_083404_000000382065_00479_31094_4767.N1	10-FEB-2008 08:34:04	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	31094	No
123	GOM_NL__2PRFIN20080210_083523_000000342065_00479_31094_4768.N1	10-FEB-2008 08:35:23	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	31094	No
124	GOM_NL__2PRFIN20080210_083743_000000382065_00479_31094_4769.N1	10-FEB-2008 08:37:43	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	31094	No
125	GOM_NL__2PRFIN20080210_084430_000000342065_00479_31094_4770.N1	10-FEB-2008 08:44:30	Bright	33.500	168	17Zet Aql	2.9860	11000.	67	31094	No
126	GOM_NL__2PRFIN20080210_085551_000000412065_00479_31094_4771.N1	10-FEB-2008 08:55:51	Twilight	40.500	137	22Lam Sgr	2.8240	4400.0	81	31094	No
127	GOM_NL__2PRFIN20080210_085710_000000422065_00479_31094_4772.N1	10-FEB-2008 08:57:10	Twilight	41.500	116	19Del Sgr	2.7000	4100.0	83	31094	No
128	GOM_NL__2PRFIN20080210_085819_000000412065_00479_31094_4773.N1	10-FEB-2008 08:58:19	Dark	41.000	38	20Eps Sgr	1.8360	11000.	82	31094	No
129	GOM_NL__2PRFIN20080210_090012_000000442065_00479_31094_4774.N1	10-FEB-2008 09:00:12	Dark	43.500	25	35Lam Sco	1.6200	28000.	87	31094	No
130	GOM_NL__2PRFIN20080210_090133_000000432065_00479_31094_4775.N1	10-FEB-2008 09:01:33	Dark	42.500	40	The Sco	1.8590	7100.0	85	31094	No
131	GOM_NL__2PRFIN20080210_090323_000000382065_00479_31094_4776.N1	10-FEB-2008 09:03:23	Dark	37.500	147	Alp Ara	2.8770	26000.	75	31094	No
132	GOM_NL__2PRFIN20080210_090453_000000392065_00479_31094_4777.N1	10-FEB-2008 09:04:53	Dark	38.500	141	Bet Ara	2.8400	4600.0	77	31094	No
133	GOM_NL__2PRFIN20080210_090837_000000442065_00480_31095_4765.N1	10-FEB-2008 09:08:37	Dark	44.000	43	Alp TrA	1.9100	4250.0	88	31095	No
134	GOM_NL__2PRFIN20080210_091516_000000492065_00480_31095_4766.N1	10-FEB-2008 09:15:16	Dark	48.500	12	Alp1Cru	0.77500	30000.	97	31095	No
135	GOM_NL__2PRFIN20080210_091808_000000372065_00480_31095_4767.N1	10-FEB-2008 09:18:08	Dark	36.500	29	Bet Car	1.6720	10200.	73	31095	No
136	GOM_NL__2PRFIN20080210_092040_000000392065_00480_31095_4768.N1	10-FEB-2008 09:20:40	Dark	38.500	71	lot Car	2.2460	7700.0	77	31095	No
137	GOM_NL__2PRFIN20080210_092220_000000392065_00480_31095_4769.N1	10-FEB-2008 09:22:20	Dark	38.500	46	Del Vel	1.9540	10600.	77	31095	No
138	GOM_NL__2PRFIN20080210_092446_000000382065_00480_31095_4770.N1	10-FEB-2008 09:24:46	Straylight	37.500	34	Gam2Vel	1.7930	23000.	75	31095	No
139	GOM_NL__2PRFIN20080210_092651_000000382065_00480_31095_4771.N1	10-FEB-2008 09:26:51	Straylight	37.500	70	Zet Pup	2.2460	39000.	75	31095	No
140	GOM_NL__2PRFIN20080210_093013_000000412065_00480_31095_4772.N1	10-FEB-2008 09:30:13	Straylight	40.500	88	31Eta CMa	2.4480	20000.	81	31095	No
141	GOM_NL__2PRFIN20080210_093939_000000442065_00480_31095_4773.N1	10-FEB-2008 09:39:39	Twilight	43.500	8	10Alp CMi	0.40000	6500.0	87	31095	No
142	GOM_NL__2PRFIN20080210_094326_000000342065_00480_31095_4774.N1	10-FEB-2008 09:43:26	Bright	33.500	44	24Gam Gem	1.9280	11000.	67	31095	No
143	GOM_NL__2PRFIN20080210_094603_000000392065_00480_31095_4775.N1	10-FEB-2008 09:46:03	Bright	38.500	17	78Bet Gem	1.1610	4500.0	77	31095	No
144	GOM_NL__2PRFIN20080210_095145_000000382065_00480_31095_4776.N1	10-FEB-2008 09:51:45	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	31095	No
145	GOM_NL__2PRFIN20080210_100328_000000352065_00480_31095_4777.N1	10-FEB-2008 10:03:28	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	31095	No
146	GOM_NL__2PRFIN20080210_101008_000000362065_00480_31095_4778.N1	10-FEB-2008 10:10:08	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	31095	No
147	GOM_NL__2PRFIN20080210_101440_000000372065_00480_31095_4779.N1	10-FEB-2008 10:14:40	Bright	36.500	69	33Gam Dra	2.2310	3800.0	73	31095	No
148	GOM_NL__2PRFIN20080210_101559_000000332065_00480_31095_4780.N1	10-FEB-2008 10:15:59	Bright	33.000	144	18Del Cyg	2.8600	11000.	66	31095	No
149	GOM_NL__2PRFIN20080210_101819_000000342065_00480_31095_4781.N1	10-FEB-2008 10:18:19	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	31095	No
150	GOM_NL__2PRFIN20080210_102506_000000332065_00480_31095_4782.N1	10-FEB-2008 10:25:06	Bright	33.000	168	17Zet Aql	2.9860	11000.	66	31095	No
151	GOM_NL__2PRFIN20080210_103627_000000412065_00480_31095_4783.N1	10-FEB-2008 10:36:27	Twilight	41.000	137	22Lam Sgr	2.8240	4400.0	82	31095	No
152	GOM_NL__2PRFIN20080210_103746_000000412065_00480_31095_4784.N1	10-FEB-2008 10:37:46	Twilight	40.500	116	19Del Sgr	2.7000	4100.0	81	31095	No
153	GOM_NL__2PRFIN20080210_103855_000000392065_00480_31095_4785.N1	10-FEB-2008 10:38:55	Dark	39.000	38	20Eps Sgr	1.8360	11000.	78	31095	No
154	GOM_NL__2PRFIN20080210_104048_000000422065_00480_31095_4786.N1	10-FEB-2008 10:40:48	Dark	42.000	25	35Lam Sco	1.6200	28000.	84	31095	No
155	GOM_NL__2PRFIN20080210_104210_000000432065_00480_31095_4787.N1	10-FEB-2008 10:42:10	Dark	42.500	40	The Sco	1.8590	7100.0	85	31095	No
156	GOM_NL__2PRFIN20080210_104359_000000382065_00480_31095_4788.N1	10-FEB-2008 10:43:59	Dark	37.500	147	Alp Ara	2.8770	26000.	75	31095	No
157	GOM_NL__2PRFIN20080210_104529_000000412065_00480_31095_4789.N1	10-FEB-2008 10:45:29	Dark	41.000	141	Bet Ara	2.8400	4600.0	82	31095	No
158	GOM_NL__2PRFIN20080210_104913_000000392065_00481_31096_4781.N1	10-FEB-2008 10:49:13	Dark	39.000	43	Alp TrA	1.9100	4250.0	78	31096	No
159	GOM_NL__2PRFIN20080210_105552_000000412065_00481_31096_4782.N1	10-FEB-2008 10:55:52	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	31096	No
160	GOM_NL__2PRFIN20080210_105844_000000462065_00481_31096_4783.N1	10-FEB-2008 10:58:44	Dark	46.000	29	Bet Car	1.6720	10200.	92	31096	No







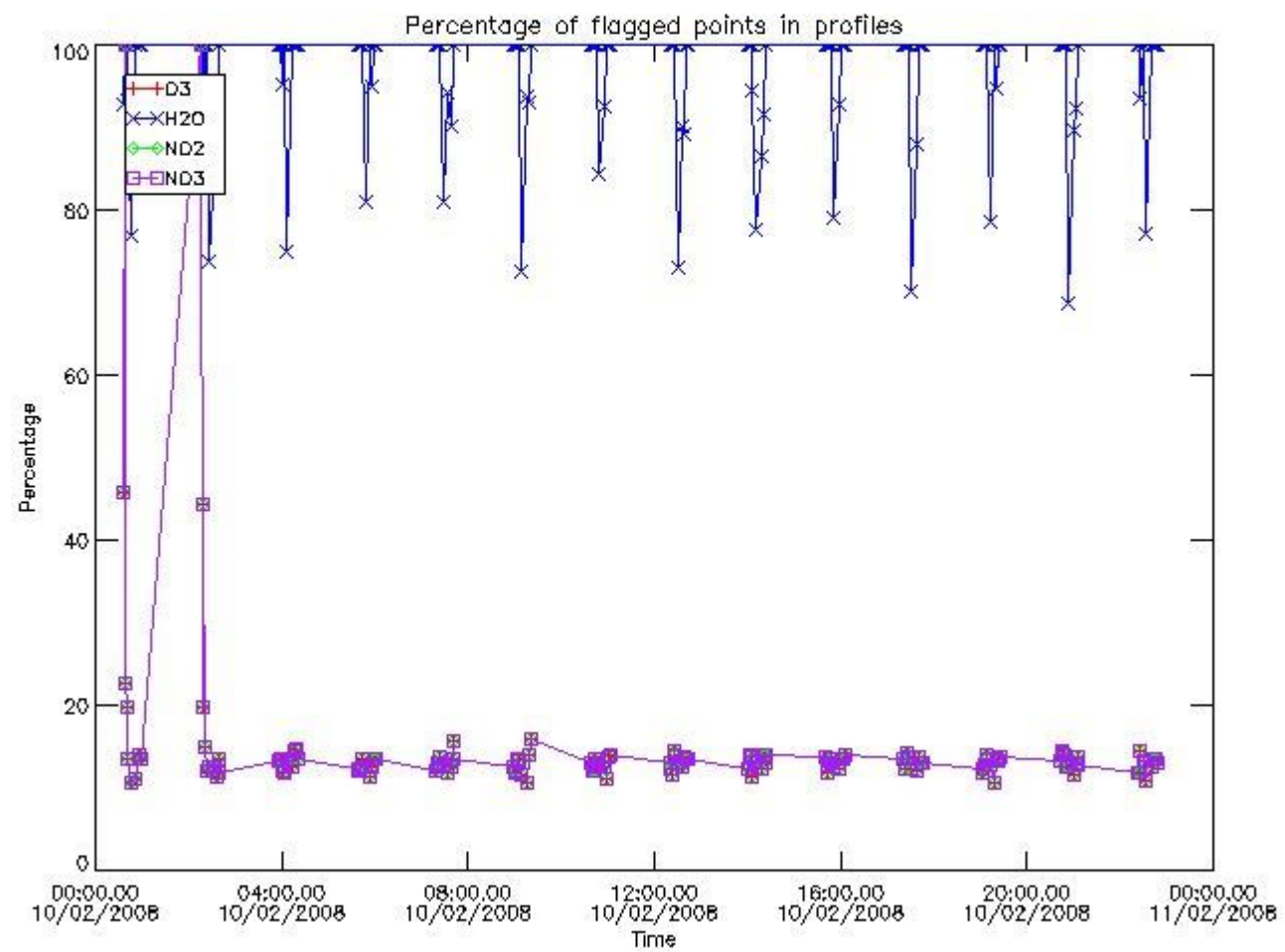
279	GOM_NL__2PRFIN20080210_192417_000000392065_00486_31101_4858.N1	10-FEB-2008 19:24:17	Dark	38.500	71	lot Car	2.2460	7700.0	77	31101	No
280	GOM_NL__2PRFIN20080210_192557_000000412065_00486_31101_4859.N1	10-FEB-2008 19:25:57	Dark	40.500	46	Del Vel	1.9540	10600.	81	31101	No
281	GOM_NL__2PRFIN20080210_192823_000000422065_00486_31101_4860.N1	10-FEB-2008 19:28:23	Straylight	41.500	34	Gam2Vel	1.7930	23000.	83	31101	No
282	GOM_NL__2PRFIN20080210_193027_000000402065_00486_31101_4861.N1	10-FEB-2008 19:30:27	Straylight	39.500	70	Zet Pup	2.2460	39000.	79	31101	No
283	GOM_NL__2PRFIN20080210_193349_000000392065_00486_31101_4862.N1	10-FEB-2008 19:33:49	Straylight	39.000	88	31Eta CMa	2.4480	20000.	78	31101	No
284	GOM_NL__2PRFIN20080210_194315_000000412065_00486_31101_4863.N1	10-FEB-2008 19:43:15	Twilight	40.500	8	10Alp CMi	0.40000	6500.0	81	31101	No
285	GOM_NL__2PRFIN20080210_194939_000000382065_00486_31101_4864.N1	10-FEB-2008 19:49:39	Bright	37.500	17	78Bet Gem	1.1610	4500.0	75	31101	No
286	GOM_NL__2PRFIN20080210_195523_000000372065_00486_31101_4865.N1	10-FEB-2008 19:55:23	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	31101	No
287	GOM_NL__2PRFIN20080210_200704_000000372065_00486_31101_4866.N1	10-FEB-2008 20:07:04	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	31101	No
288	GOM_NL__2PRFIN20080210_201345_000000372065_00486_31101_4867.N1	10-FEB-2008 20:13:45	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	31101	No
289	GOM_NL__2PRFIN20080210_201936_000000352065_00486_31101_4868.N1	10-FEB-2008 20:19:36	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	31101	No
290	GOM_NL__2PRFIN20080210_202155_000000352065_00486_31101_4869.N1	10-FEB-2008 20:21:55	Bright	34.500	5	3Alp Lyr	0.033000	11000.	69	31101	No
291	GOM_NL__2PRFIN20080210_202842_000000342065_00486_31101_4870.N1	10-FEB-2008 20:28:42	Bright	33.500	168	17Zet Aql	2.9860	11000.	67	31101	No
292	GOM_NL__2PRFIN20080210_204004_000000422065_00486_31101_4871.N1	10-FEB-2008 20:40:04	Twilight	42.000	137	22Lam Sgr	2.8240	4400.0	84	31101	No
293	GOM_NL__2PRFIN20080210_204123_000000422065_00486_31101_4872.N1	10-FEB-2008 20:41:23	Twilight	42.000	116	19Del Sgr	2.7000	4100.0	84	31101	No
294	GOM_NL__2PRFIN20080210_204232_000000392065_00486_31101_4873.N1	10-FEB-2008 20:42:32	Dark	38.500	38	20Eps Sgr	1.8360	11000.	77	31101	No
295	GOM_NL__2PRFIN20080210_204427_000000432065_00486_31101_4874.N1	10-FEB-2008 20:44:27	Dark	43.000	25	35Lam Sco	1.6200	28000.	86	31101	No
296	GOM_NL__2PRFIN20080210_204548_000000392065_00486_31101_4875.N1	10-FEB-2008 20:45:48	Dark	39.000	40	The Sco	1.8590	7100.0	78	31101	No
297	GOM_NL__2PRFIN20080210_204737_000000372065_00486_31101_4876.N1	10-FEB-2008 20:47:37	Dark	36.500	147	Alp Ara	2.8770	26000.	73	31101	No
298	GOM_NL__2PRFIN20080210_204907_000000412065_00486_31101_4877.N1	10-FEB-2008 20:49:07	Dark	40.500	141	Bet Ara	2.8400	4600.0	81	31101	No
299	GOM_NL__2PRFIN20080210_205250_000000412065_00487_31102_4870.N1	10-FEB-2008 20:52:50	Dark	40.500	43	Alp TrA	1.9100	4250.0	81	31102	No
300	GOM_NL__2PRFIN20080210_205931_000000442065_00487_31102_4871.N1	10-FEB-2008 20:59:31	Dark	44.000	12	Alp1Cru	0.77500	30000.	88	31102	No
301	GOM_NL__2PRFIN20080210_210221_000000392065_00487_31102_4872.N1	10-FEB-2008 21:02:21	Dark	39.000	29	Bet Car	1.6720	10200.	78	31102	No
302	GOM_NL__2PRFIN20080210_210453_000000372065_00487_31102_4873.N1	10-FEB-2008 21:04:53	Dark	37.000	71	lot Car	2.2460	7700.0	74	31102	No
303	GOM_NL__2PRFIN20080210_210633_000000402065_00487_31102_4874.N1	10-FEB-2008 21:06:33	Dark	40.000	46	Del Vel	1.9540	10600.	80	31102	No
304	GOM_NL__2PRFIN20080210_210859_000000392065_00487_31102_4875.N1	10-FEB-2008 21:08:59	Straylight	39.000	34	Gam2Vel	1.7930	23000.	78	31102	No
305	GOM_NL__2PRFIN20080210_211103_000000382065_00487_31102_4876.N1	10-FEB-2008 21:11:03	Straylight	38.000	70	Zet Pup	2.2460	39000.	76	31102	No
306	GOM_NL__2PRFIN20080210_211425_000000382065_00487_31102_4877.N1	10-FEB-2008 21:14:25	Straylight	38.000	88	31Eta CMa	2.4480	20000.	76	31102	No
307	GOM_NL__2PRFIN20080210_212351_000000422065_00487_31102_4878.N1	10-FEB-2008 21:23:51	Twilight	42.000	8	10Alp CMi	0.40000	6500.0	84	31102	No
308	GOM_NL__2PRFIN20080210_213015_000000382065_00487_31102_4879.N1	10-FEB-2008 21:30:15	Bright	38.000	17	78Bet Gem	1.1610	4500.0	76	31102	No
309	GOM_NL__2PRFIN20080210_213559_000000382065_00487_31102_4880.N1	10-FEB-2008 21:35:59	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	31102	No
310	GOM_NL__2PRFIN20080210_214739_000000362065_00487_31102_4881.N1	10-FEB-2008 21:47:39	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	31102	No
311	GOM_NL__2PRFIN20080210_215421_000000352065_00487_31102_4882.N1	10-FEB-2008 21:54:21	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	31102	No
312	GOM_NL__2PRFIN20080210_220012_000000332065_00487_31102_4883.N1	10-FEB-2008 22:00:12	Bright	33.000	144	18Del Cyg	2.8600	11000.	66	31102	No
313	GOM_NL__2PRFIN20080210_220231_000000352065_00487_31102_4884.N1	10-FEB-2008 22:02:31	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	31102	No
314	GOM_NL__2PRFIN20080210_220918_000000332065_00487_31102_4885.N1	10-FEB-2008 22:09:18	Bright	33.000	168	17Zet Aql	2.9860	11000.	66	31102	No
315	GOM_NL__2PRFIN20080210_222041_000000442065_00487_31102_4886.N1	10-FEB-2008 22:20:41	Twilight	44.000	137	22Lam Sgr	2.8240	4400.0	88	31102	No
316	GOM_NL__2PRFIN20080210_222159_000000382065_00487_31102_4887.N1	10-FEB-2008 22:21:59	Twilight	38.000	116	19Del Sgr	2.7000	4100.0	76	31102	No
317	GOM_NL__2PRFIN20080210_222308_000000432065_00487_31102_4888.N1	10-FEB-2008 22:23:08	Dark	43.000	38	20Eps Sgr	1.8360	11000.	86	31102	No
318	GOM_NL__2PRFIN20080210_222503_000000442065_00487_31102_4889.N1	10-FEB-2008 22:25:03	Dark	43.500	25	35Lam Sco	1.6200	28000.	87	31102	No
319	GOM_NL__2PRFIN20080210_222624_000000392065_00487_31102_4890.N1	10-FEB-2008 22:26:24	Dark	39.000	40	The Sco	1.8590	7100.0	78	31102	No
320	GOM_NL__2PRFIN20080210_222943_000000392065_00487_31102_4891.N1	10-FEB-2008 22:29:43	Dark	38.500	141	Bet Ara	2.8400	4600.0	77	31102	No
321	GOM_NL__2PRFIN20080210_223326_000000472065_00488_31103_4880.N1	10-FEB-2008 22:33:26	Dark	46.500	43	Alp TrA	1.9100	4250.0	93	31103	No
322	GOM_NL__2PRFIN20080210_224007_000000412065_00488_31103_4881.N1	10-FEB-2008 22:40:07	Dark	41.000	12	Alp1Cru	0.77500	30000.	82	31103	No
323	GOM_NL__2PRFIN20080210_224257_000000382065_00488_31103_4882.N1	10-FEB-2008 22:42:57	Dark	37.500	29	Bet Car	1.6720	10200.	75	31103	No
324	GOM_NL__2PRFIN20080210_224529_000000382065_00488_31103_4883.N1	10-FEB-2008 22:45:29	Dark	37.500	71	lot Car	2.2460	7700.0	75	31103	No
325	GOM_NL__2PRFIN20080210_224709_000000402065_00488_31103_4884.N1	10-FEB-2008 22:47:09	Dark	39.500	46	Del Vel	1.9540	10600.	79	31103	No
326	GOM_NL__2PRFIN20080210_224935_000000412065_00488_31103_4885.N1	10-FEB-2008 22:49:35	Straylight	40.500	34	Gam2Vel	1.7930	23000.	81	31103	No
327	GOM_NL__2PRFIN20080210_225139_000000392065_00488_31103_4886.N1	10-FEB-2008 22:51:39	Straylight	38.500	70	Zet Pup	2.2460	39000.	77	31103	No
328	GOM_NL__2PRFIN20080210_225501_000000392065_00488_31103_4887.N1	10-FEB-2008 22:55:01	Straylight	38.500	88	31Eta CMa	2.4480	20000.	77	31103	No
329	GOM_NL__2PRFIN20080210_230427_000000522065_00488_31103_4888.N1	10-FEB-2008 23:04:27	Bright	52.000	8	10Alp CMi	0.40000	6500.0	104	31103	No
330	GOM_NL__2PRFIN20080210_231051_000000372065_00488_31103_4889.N1	10-FEB-2008 23:10:51	Bright	37.000	17	78Bet Gem	1.1610	4500.0	74	31103	No
331	GOM_NL__2PRFIN20080210_231635_000000362065_00488_31103_4890.N1	10-FEB-2008 23:16:35	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	31103	No
332	GOM_NL__2PRFIN20080210_232815_000000362065_00488_31103_4891.N1	10-FEB-2008 23:28:15	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	31103	No
333	GOM_NL__2PRFIN20080210_233457_000000332065_00488_31103_4892.N1	10-FEB-2008 23:34:57	Bright	33.000	89	5Alp Cep	2.4510	8000.0	66	31103	No
334	GOM_NL__2PRFIN20080210_234048_000000332065_00488_31103_4893.N1	10-FEB-2008 23:40:48	Bright	33.000	144	18Del Cyg	2.8600	11000.	66	31103	No
335	GOM_NL__2PRFIN20080210_234307_00000072065_00488_31103_4894.N1	10-FEB-2008 23:43:07	Straylight	6.5000	5	3Alp Lyr	0.033000	11000.	13	31103	No



### 3. Quality information per product

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

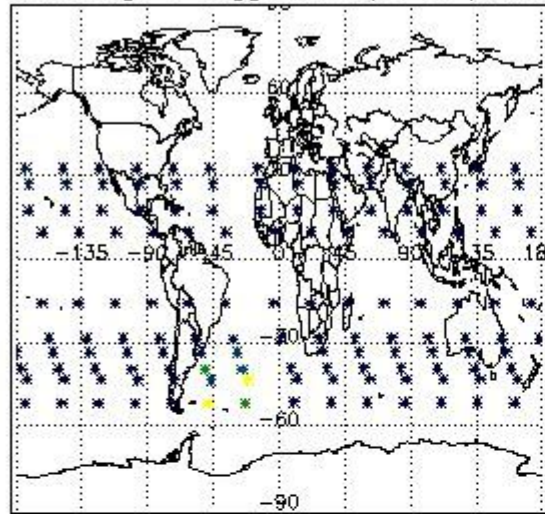
#### 3.1 Plot quality information per product (time dependant)



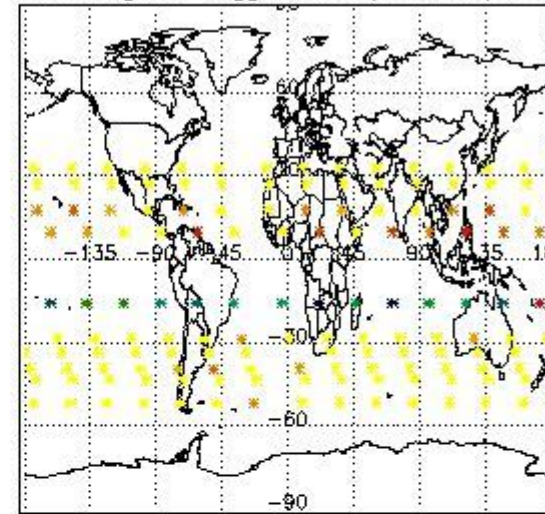
#### 3.2 Plot quality information per product (world map)



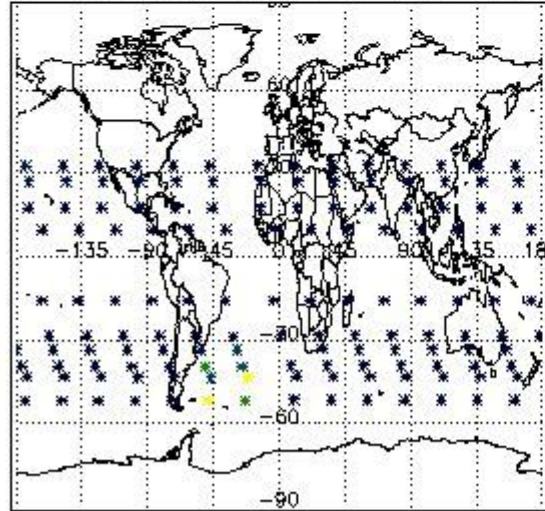
Percentage of flagged data per O3 profile



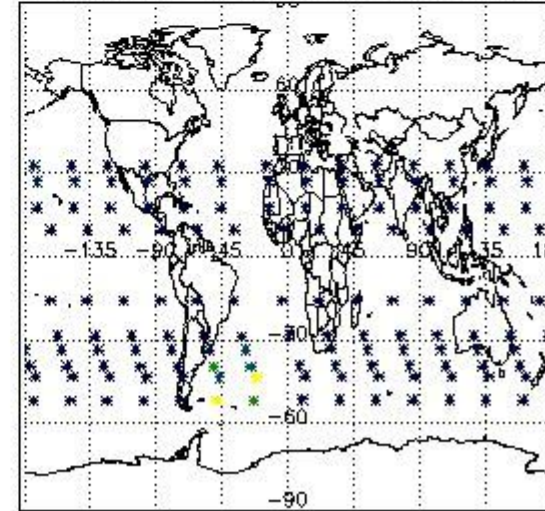
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

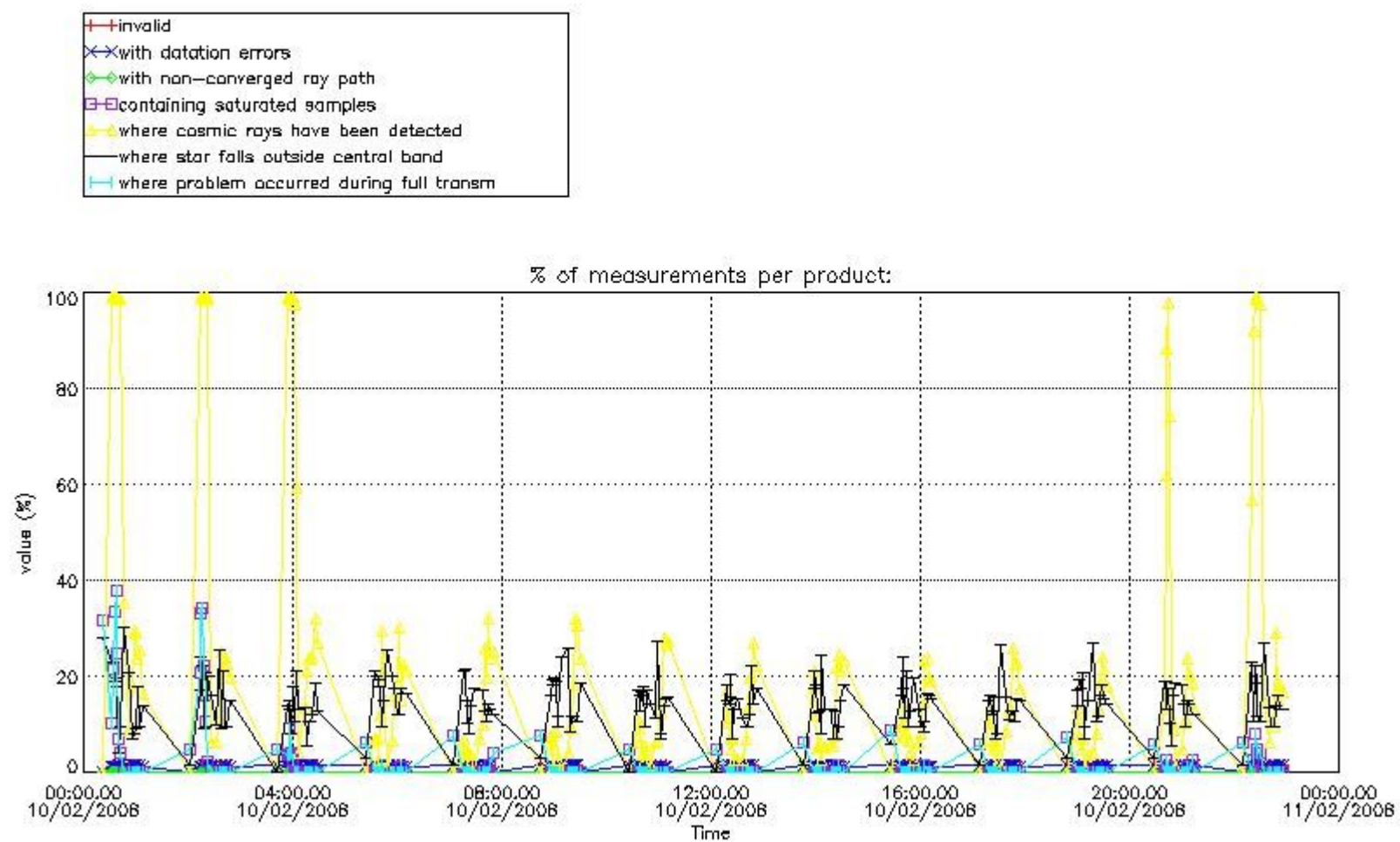


#### 4. Level 1 quality information per product

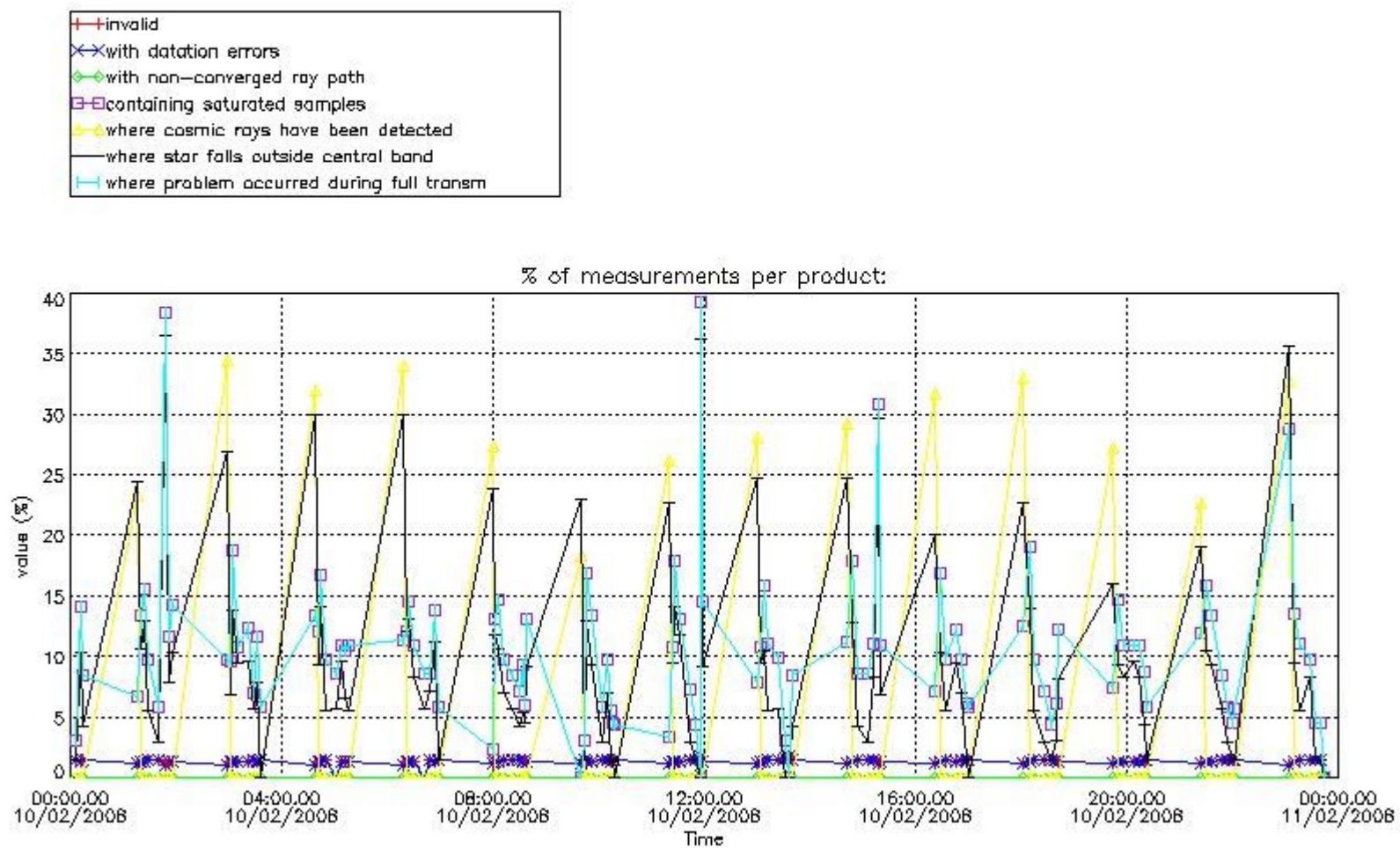
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



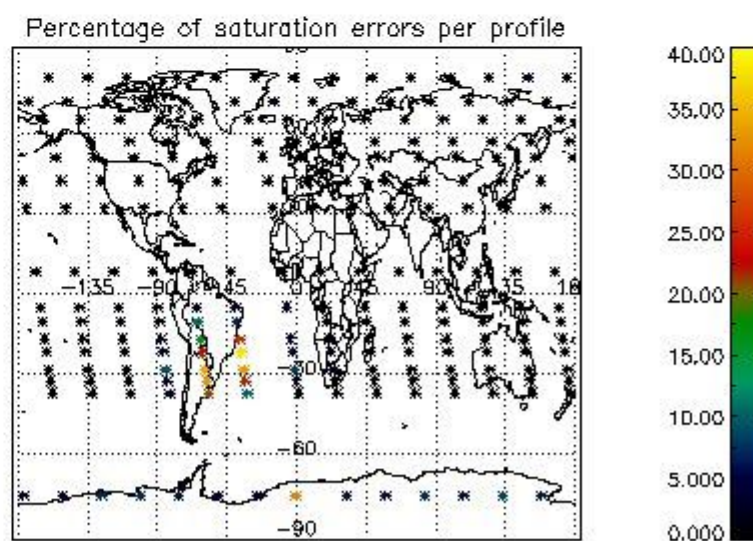
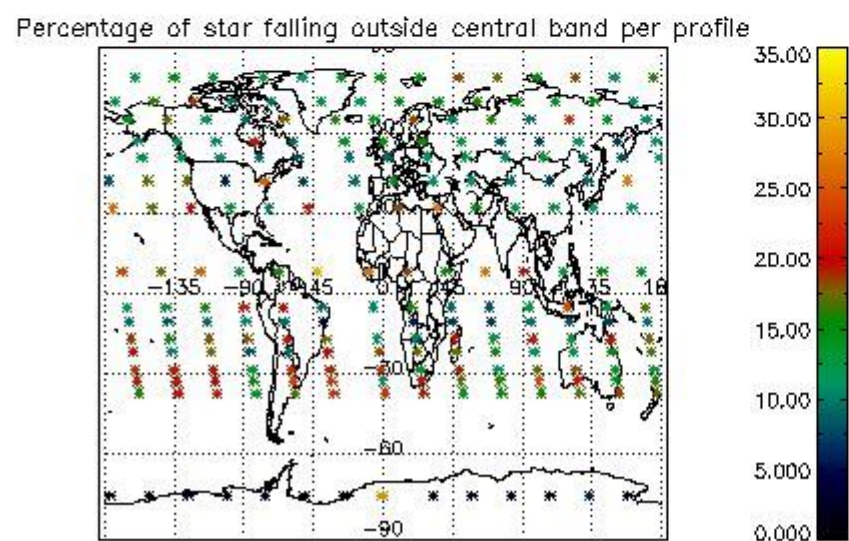
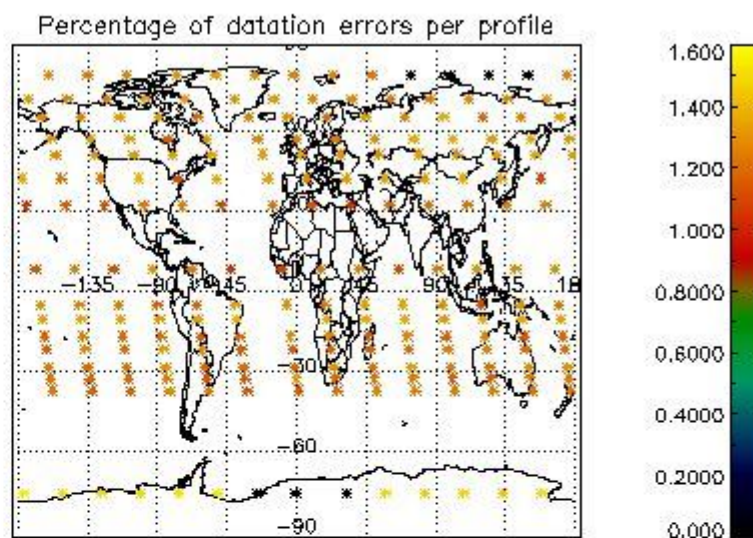
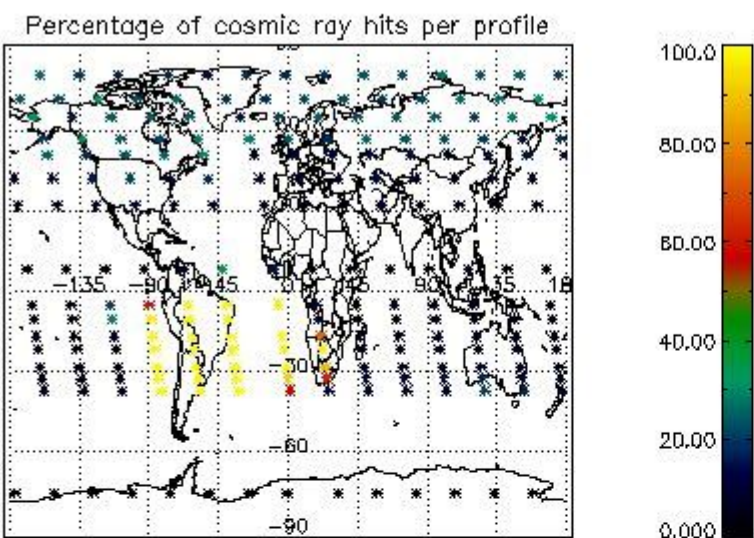
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



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

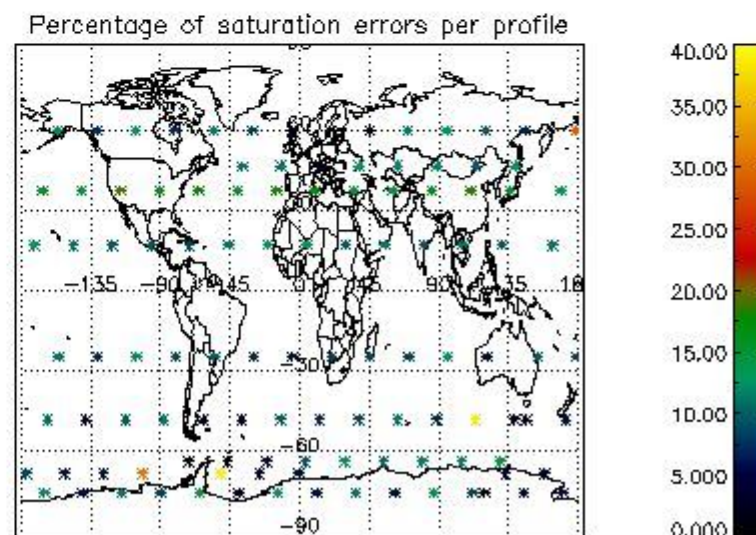
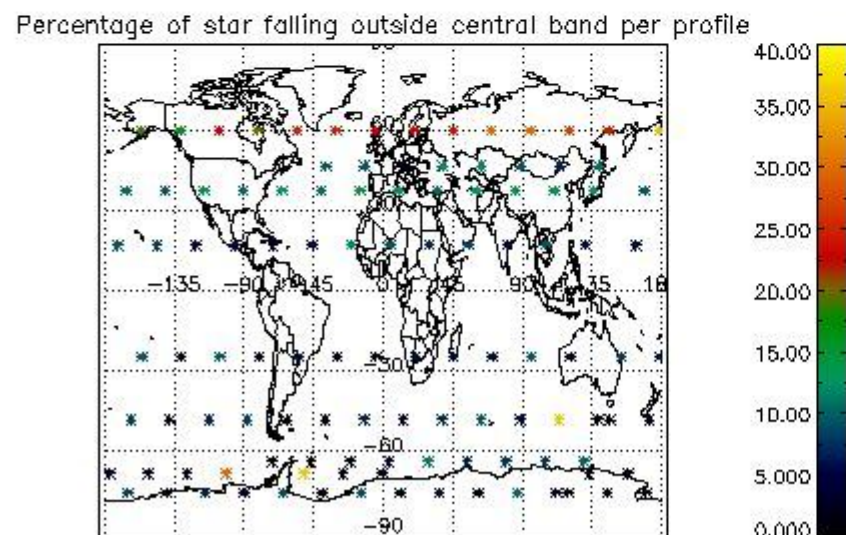
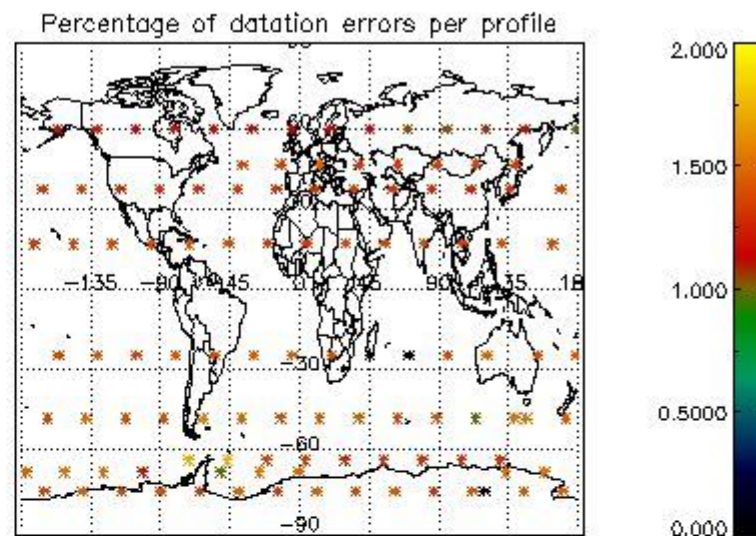
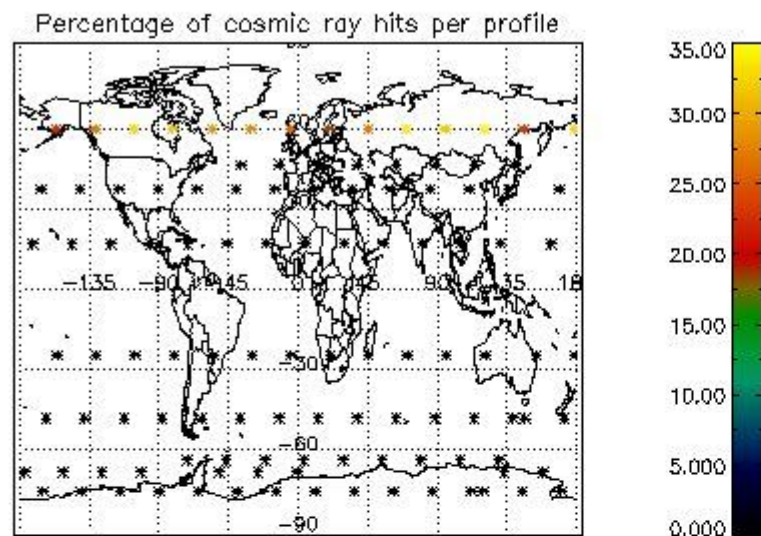
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes





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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

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

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

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

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

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

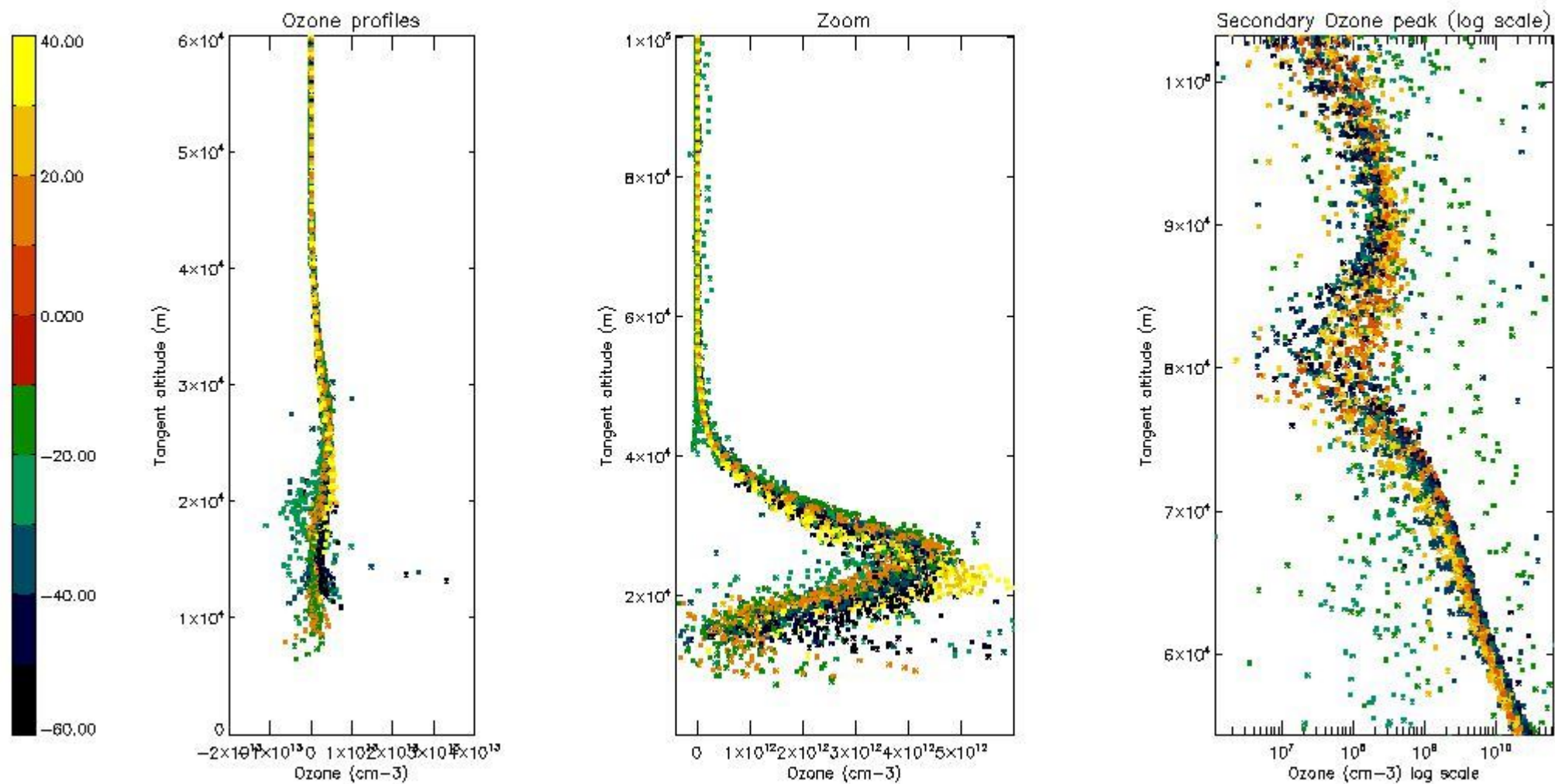
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	43
STD < 20	22

STD < 10	18
STD < 5	10

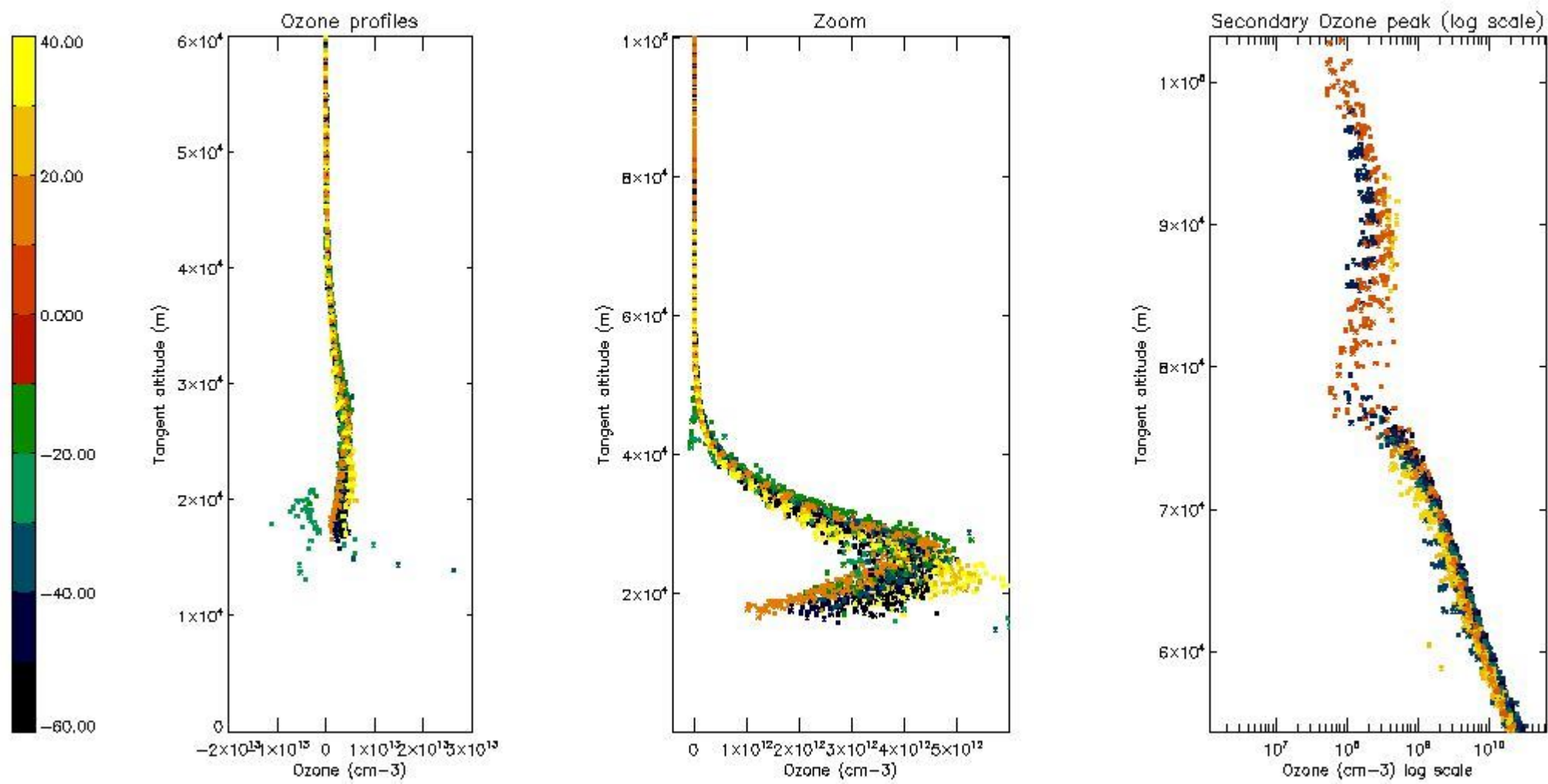
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

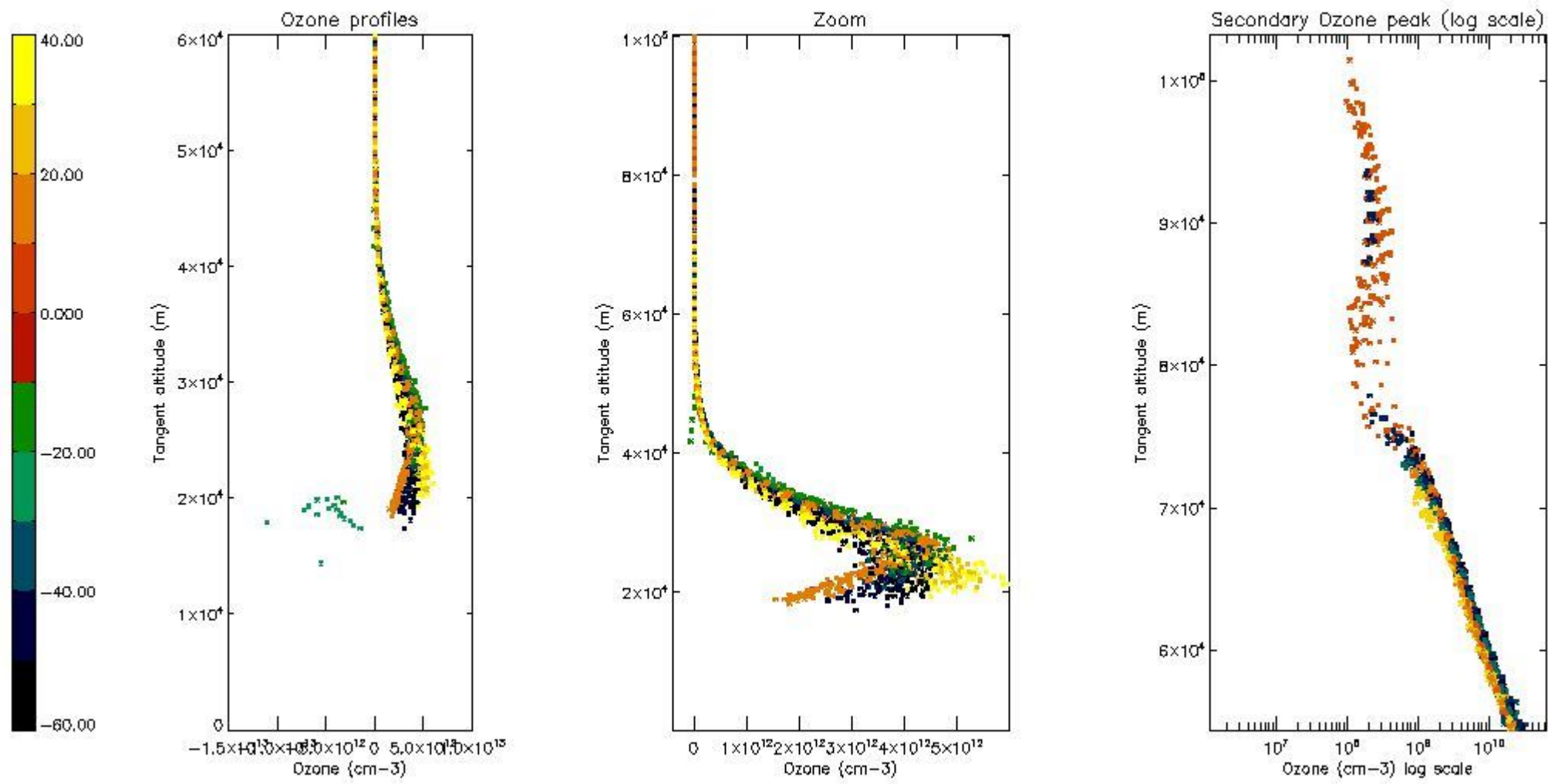
The colorbar represents the latitude.



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

The colorbar represents the latitude.

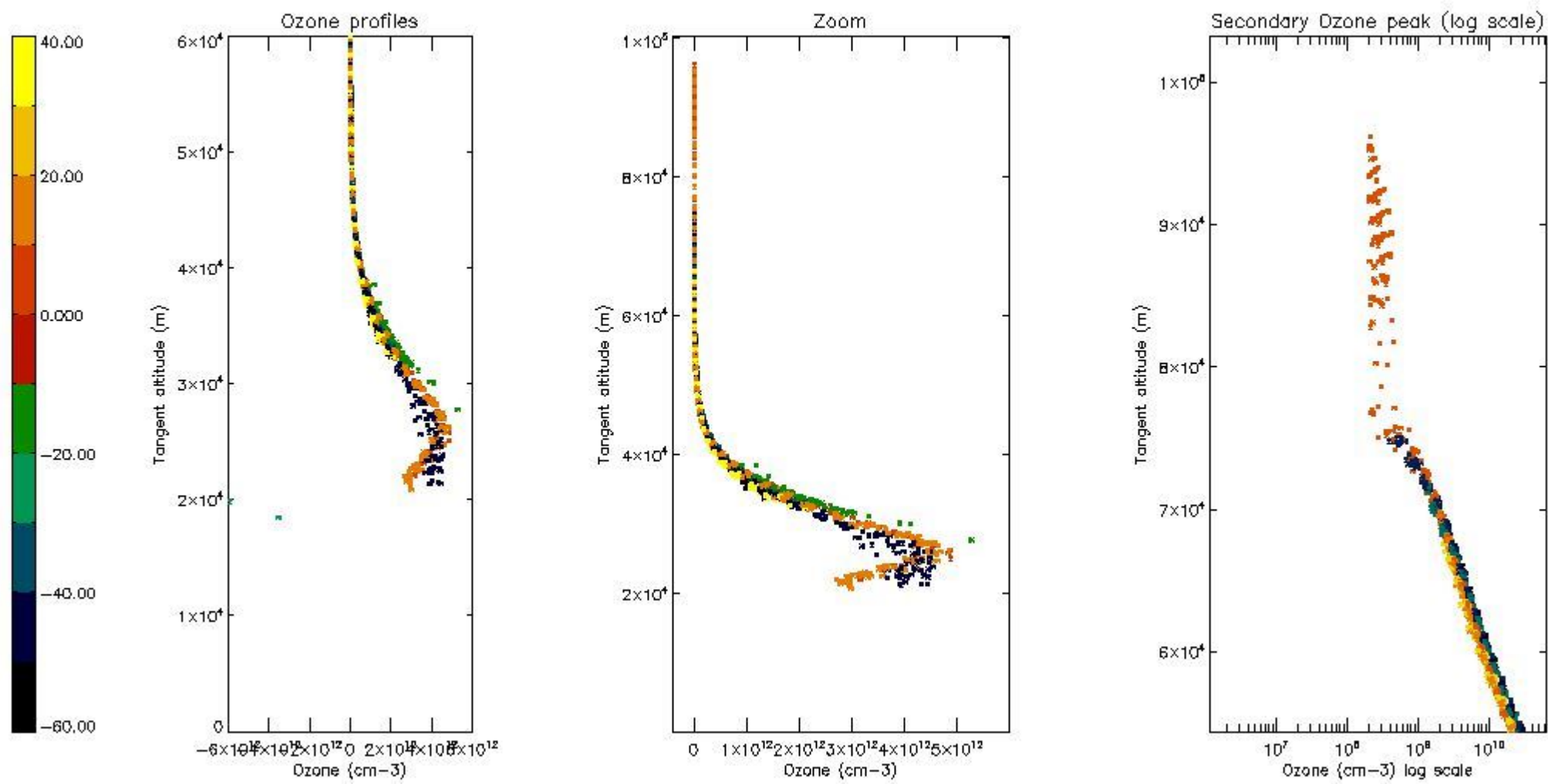




*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

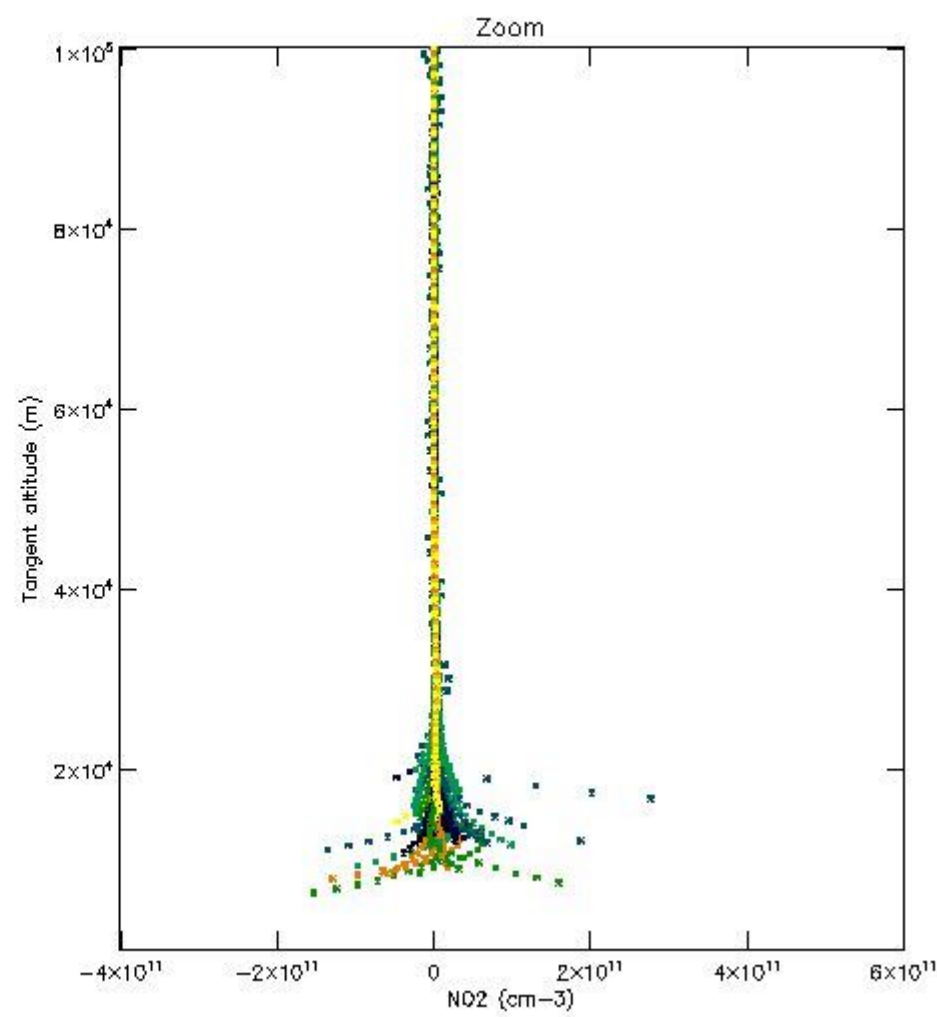
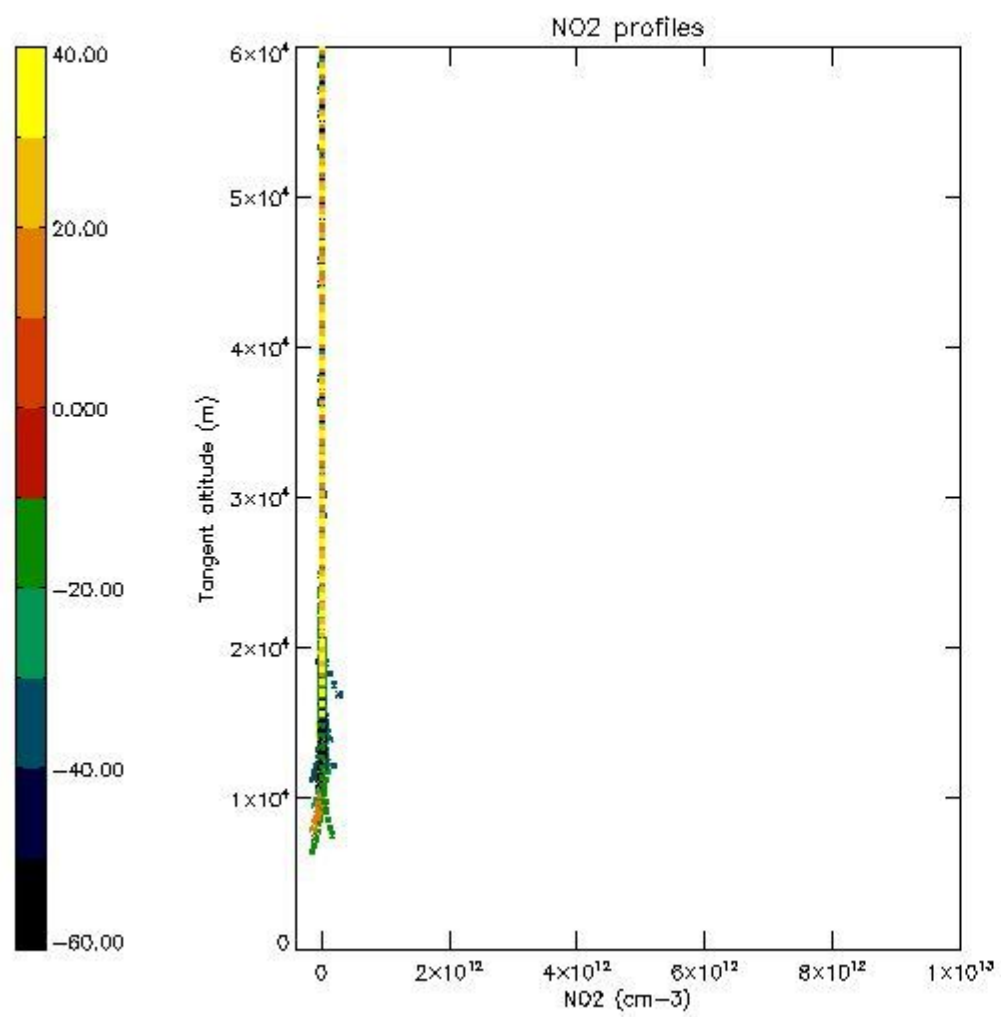
The colorbar represents the latitude.





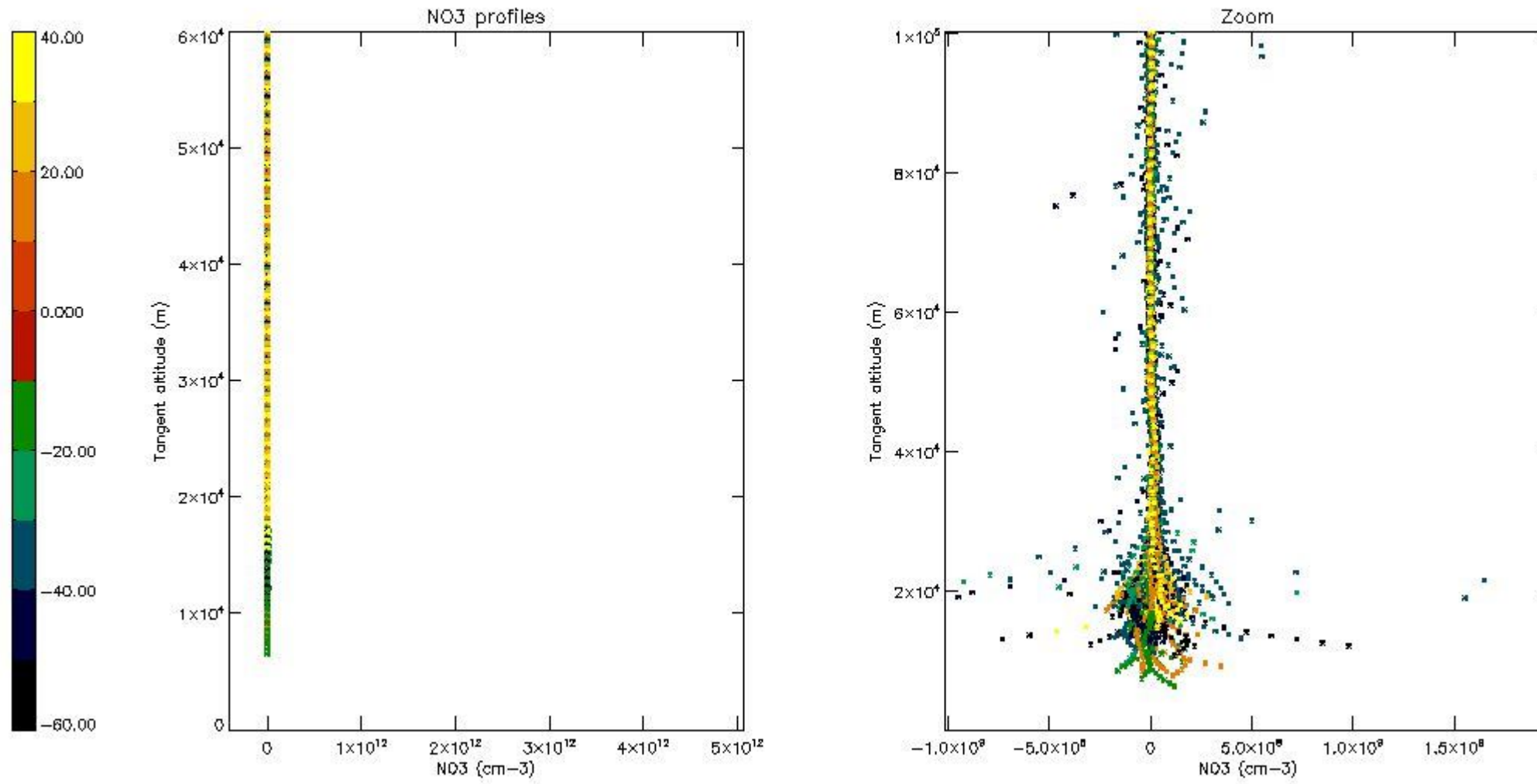
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	10-FEB-2008 00:06:31
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	10-FEB-2008 00:06:31
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	10-FEB-2008 00:06:31

# GOMOS Level 2 Daily Report

## SUMMARY

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

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

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

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

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

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

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

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

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

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



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

Item	Value
Time of report generation	25APR2013 10:18:38
Data source version	GOMOS/6.01
Start time of products	10-02-2008 (10FEB2008 00:00:00)
Stop time of products	11-02-2008 (11FEB2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	335
Nb of prods with errors	0

## 2. Summary of processed GOM\_NL\_\_2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20080210_000631_000000332065_00474_31089_6375.N1	10-FEB-2008 00:06:31	Bright	33.000	89	5Alp Cep	2.4510	8000.0	66	31089	No
2	GOM_NL__2PRFIN20080210_001104_000000392065_00474_31089_6376.N1	10-FEB-2008 00:11:04	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	31089	No
3	GOM_NL__2PRFIN20080210_001443_000000362065_00474_31089_6377.N1	10-FEB-2008 00:14:43	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	31089	No
4	GOM_NL__2PRFIN20080210_002129_000000452065_00474_31089_6378.N1	10-FEB-2008 00:21:29	Bright	44.500	168	17Zet Aql	2.9860	11000.	89	31089	No
5	GOM_NL__2PRFIN20080210_003250_000000442065_00474_31089_6379.N1	10-FEB-2008 00:32:50	Twilight	44.000	137	22Lam Sgr	2.8240	4400.0	88	31089	No
6	GOM_NL__2PRFIN20080210_003408_000000442065_00474_31089_6380.N1	10-FEB-2008 00:34:08	Twilight	44.000	116	19Del Sgr	2.7000	4100.0	88	31089	No
7	GOM_NL__2PRFIN20080210_003518_000000422065_00474_31089_6381.N1	10-FEB-2008 00:35:18	Dark	42.000	38	20Eps Sgr	1.8360	11000.	84	31089	No
8	GOM_NL__2PRFIN20080210_003710_000000442065_00474_31089_6382.N1	10-FEB-2008 00:37:10	Dark	43.500	25	35Lam Sco	1.6200	28000.	87	31089	No
9	GOM_NL__2PRFIN20080210_003831_000000432065_00474_31089_6383.N1	10-FEB-2008 00:38:31	Dark	42.500	40	The Sco	1.8590	7100.0	85	31089	No
10	GOM_NL__2PRFIN20080210_004021_000000362065_00474_31089_6384.N1	10-FEB-2008 00:40:21	Dark	36.000	147	Alp Ara	2.8770	26000.	72	31089	No
11	GOM_NL__2PRFIN20080210_004151_000000382065_00474_31089_6385.N1	10-FEB-2008 00:41:51	Dark	37.500	141	Bet Ara	2.8400	4600.0	75	31089	No
12	GOM_NL__2PRFIN20080210_004536_000000482065_00475_31090_4693.N1	10-FEB-2008 00:45:36	Dark	48.000	43	Alp TrA	1.9100	4250.0	96	31090	No
13	GOM_NL__2PRFIN20080210_005213_000000462065_00475_31090_4694.N1	10-FEB-2008 00:52:13	Dark	45.500	12	Alp1Cru	0.77500	30000.	91	31090	No
14	GOM_NL__2PRFIN20080210_005507_000000372065_00475_31090_4695.N1	10-FEB-2008 00:55:07	Dark	36.500	29	Bet Car	1.6720	10200.	73	31090	No
15	GOM_NL__2PRFIN20080210_005739_000000382065_00475_31090_4696.N1	10-FEB-2008 00:57:39	Dark	37.500	71	lot Car	2.2460	7700.0	75	31090	No
16	GOM_NL__2PRFIN20080210_005919_000000382065_00475_31090_4697.N1	10-FEB-2008 00:59:19	Dark	38.000	46	Del Vel	1.9540	10600.	76	31090	No
17	GOM_NL__2PRFIN20080210_010145_000000422065_00475_31090_4698.N1	10-FEB-2008 01:01:45	Straylight	42.000	34	Gam2Vel	1.7930	23000.	84	31090	No
18	GOM_NL__2PRFIN20080210_010350_000000382065_00475_31090_4699.N1	10-FEB-2008 01:03:50	Straylight	37.500	70	Zet Pup	2.2460	39000.	75	31090	No
19	GOM_NL__2PRFIN20080210_010712_000000402065_00475_31090_4700.N1	10-FEB-2008 01:07:12	Straylight	39.500	88	31Eta CMa	2.4480	20000.	79	31090	No
20	GOM_NL__2PRFIN20080210_011639_000000452065_00475_31090_4701.N1	10-FEB-2008 01:16:39	Tw_and_stray	45.000	8	10Alp CMi	0.40000	6500.0	90	31090	No
21	GOM_NL__2PRFIN20080210_012024_000000382065_00475_31090_4702.N1	10-FEB-2008 01:20:24	Bright	37.500	44	24Gam Gem	1.9280	11000.	75	31090	No
22	GOM_NL__2PRFIN20080210_012303_000000392065_00475_31090_4703.N1	10-FEB-2008 01:23:03	Bright	38.500	17	78Bet Gem	1.1610	4500.0	77	31090	No
23	GOM_NL__2PRFIN20080210_012844_000000362065_00475_31090_4704.N1	10-FEB-2008 01:28:44	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	31090	No
24	GOM_NL__2PRFIN20080210_014028_000000342065_00475_31090_4705.N1	10-FEB-2008 01:40:28	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	31090	No
25	GOM_NL__2PRFIN20080210_014707_000000522065_00475_31090_4706.N1	10-FEB-2008 01:47:07	Bright	52.000	89	5Alp Cep	2.4510	8000.0	104	31090	No
26	GOM_NL__2PRFIN20080210_015140_000000392065_00475_31090_4707.N1	10-FEB-2008 01:51:40	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	31090	No
27	GOM_NL__2PRFIN20080210_015519_000000392065_00475_31090_4708.N1	10-FEB-2008 01:55:19	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	31090	No
28	GOM_NL__2PRFIN20080210_020205_000000322065_00475_31090_4709.N1	10-FEB-2008 02:02:05	Bright	32.000	168	17Zet Aql	2.9860	11000.	64	31090	No
29	GOM_NL__2PRFIN20080210_021326_000000412065_00475_31090_4710.N1	10-FEB-2008 02:13:26	Twilight	41.000	137	22Lam Sgr	2.8240	4400.0	82	31090	No
30	GOM_NL__2PRFIN20080210_021444_000000442065_00475_31090_4711.N1	10-FEB-2008 02:14:44	Twilight	44.000	116	19Del Sgr	2.7000	4100.0	88	31090	No
31	GOM_NL__2PRFIN20080210_021554_000000432065_00475_31090_4712.N1	10-FEB-2008 02:15:54	Dark	42.500	38	20Eps Sgr	1.8360	11000.	85	31090	No
32	GOM_NL__2PRFIN20080210_021746_000000392065_00475_31090_4713.N1	10-FEB-2008 02:17:46	Dark	38.500	25	35Lam Sco	1.6200	28000.	77	31090	No
33	GOM_NL__2PRFIN20080210_021908_000000442065_00475_31090_4714.N1	10-FEB-2008 02:19:08	Dark	43.500	40	The Sco	1.8590	7100.0	87	31090	No
34	GOM_NL__2PRFIN20080210_022057_000000382065_00475_31090_4715.N1	10-FEB-2008 02:20:57	Dark	37.500	147	Alp Ara	2.8770	26000.	75	31090	No
35	GOM_NL__2PRFIN20080210_022227_000000432065_00475_31090_4716.N1	10-FEB-2008 02:22:27	Dark	42.500	141	Bet Ara	2.8400	4600.0	85	31090	No
36	GOM_NL__2PRFIN20080210_022612_000000412065_00476_31091_4707.N1	10-FEB-2008 02:26:12	Dark	40.500	43	Alp TrA	1.9100	4250.0	81	31091	No
37	GOM_NL__2PRFIN20080210_023250_000000412065_00476_31091_4708.N1	10-FEB-2008 02:32:50	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	31091	No
38	GOM_NL__2PRFIN20080210_023543_000000452065_00476_31091_4709.N1	10-FEB-2008 02:35:43	Dark	45.000	29	Bet Car	1.6720	10200.	90	31091	No
39	GOM_NL__2PRFIN20080210_023815_000000382065_00476_31091_4710.N1	10-FEB-2008 02:38:15	Dark	38.000	71	lot Car	2.2460	7700.0	76	31091	No
40	GOM_NL__2PRFIN20080210_023955_000000432065_00476_31091_4711.N1	10-FEB-2008 02:39:55	Dark	43.000	46	Del Vel	1.9540	10600.	86	31091	No
41	GOM_NL__2PRFIN20080210_024221_000000382065_00476_31091_4712.N1	10-FEB-2008 02:42:21	Straylight	37.500	34	Gam2Vel	1.7930	23000.	75	31091	No
42	GOM_NL__2PRFIN20080210_024426_000000382065_00476_31091_4713.N1	10-FEB-2008 02:44:26	Straylight	37.500	70	Zet Pup	2.2460	39000.	75	31091	No

43	GOM_NL__2PRFIN20080210_024748_000000412065_00476_31091_4714.N1	10-FEB-2008 02:47:48	Straylight	40.500	88	31Eta CMa	2.4480	20000.	81	31091	No
44	GOM_NL__2PRFIN20080210_025715_000000472065_00476_31091_4715.N1	10-FEB-2008 02:57:15	Twl_and_stray	46.500	8	10Alp CMi	0.40000	6500.0	93	31091	No
45	GOM_NL__2PRFIN20080210_030100_000000372065_00476_31091_4716.N1	10-FEB-2008 03:01:00	Bright	36.500	44	24Gam Gem	1.9280	11000.	73	31091	No
46	GOM_NL__2PRFIN20080210_030339_000000402065_00476_31091_4717.N1	10-FEB-2008 03:03:39	Bright	40.000	17	78Bet Gem	1.1610	4500.0	80	31091	No
47	GOM_NL__2PRFIN20080210_030920_000000372065_00476_31091_4718.N1	10-FEB-2008 03:09:20	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	31091	No
48	GOM_NL__2PRFIN20080210_032104_000000372065_00476_31091_4719.N1	10-FEB-2008 03:21:04	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	31091	No
49	GOM_NL__2PRFIN20080210_032743_000000362065_00476_31091_4720.N1	10-FEB-2008 03:27:43	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	31091	No
50	GOM_NL__2PRFIN20080210_033216_000000392065_00476_31091_4721.N1	10-FEB-2008 03:32:16	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	31091	No
51	GOM_NL__2PRFIN20080210_033555_000000352065_00476_31091_4722.N1	10-FEB-2008 03:35:55	Bright	34.500	5	3Alp Lyr	0.033000	11000.	69	31091	No
52	GOM_NL__2PRFIN20080210_034241_000000332065_00476_31091_4723.N1	10-FEB-2008 03:42:41	Bright	32.500	168	17Zet Aql	2.9860	11000.	65	31091	No
53	GOM_NL__2PRFIN20080210_035402_000000402065_00476_31091_4724.N1	10-FEB-2008 03:54:02	Twilight	39.500	137	22Lam Sgr	2.8240	4400.0	79	31091	No
54	GOM_NL__2PRFIN20080210_035521_000000402065_00476_31091_4725.N1	10-FEB-2008 03:55:21	Twilight	40.000	116	19Del Sgr	2.7000	4100.0	80	31091	No
55	GOM_NL__2PRFIN20080210_035630_000000392065_00476_31091_4726.N1	10-FEB-2008 03:56:30	Dark	38.500	38	20Eps Sgr	1.8360	11000.	77	31091	No
56	GOM_NL__2PRFIN20080210_035822_000000382065_00476_31091_4727.N1	10-FEB-2008 03:58:22	Dark	38.000	25	35Lam Sco	1.6200	28000.	76	31091	No
57	GOM_NL__2PRFIN20080210_035944_000000422065_00476_31091_4728.N1	10-FEB-2008 03:59:44	Dark	42.000	40	The Sco	1.8590	7100.0	84	31091	No
58	GOM_NL__2PRFIN20080210_040134_000000382065_00476_31091_4729.N1	10-FEB-2008 04:01:34	Dark	38.000	147	Alp Ara	2.8770	26000.	76	31091	No
59	GOM_NL__2PRFIN20080210_040304_000000432065_00476_31091_4730.N1	10-FEB-2008 04:03:04	Dark	43.000	141	Bet Ara	2.8400	4600.0	86	31091	No
60	GOM_NL__2PRFIN20080210_040648_000000392065_00477_31092_4721.N1	10-FEB-2008 04:06:48	Dark	38.500	43	Alp TrA	1.9100	4250.0	77	31092	No
61	GOM_NL__2PRFIN20080210_041327_000000412065_00477_31092_4722.N1	10-FEB-2008 04:13:27	Dark	41.000	12	Alp1Cru	0.77500	30000.	82	31092	No
62	GOM_NL__2PRFIN20080210_041620_000000362065_00477_31092_4723.N1	10-FEB-2008 04:16:20	Dark	35.500	29	Bet Car	1.6720	10200.	71	31092	No
63	GOM_NL__2PRFIN20080210_041851_000000382065_00477_31092_4724.N1	10-FEB-2008 04:18:51	Dark	38.000	71	lot Car	2.2460	7700.0	76	31092	No
64	GOM_NL__2PRFIN20080210_042032_000000382065_00477_31092_4725.N1	10-FEB-2008 04:20:32	Dark	38.000	46	Del Vel	1.9540	10600.	76	31092	No
65	GOM_NL__2PRFIN20080210_042258_000000382065_00477_31092_4726.N1	10-FEB-2008 04:22:58	Straylight	37.500	34	Gam2Vel	1.7930	23000.	75	31092	No
66	GOM_NL__2PRFIN20080210_042502_000000412065_00477_31092_4727.N1	10-FEB-2008 04:25:02	Straylight	40.500	70	Zet Pup	2.2460	39000.	81	31092	No
67	GOM_NL__2PRFIN20080210_042825_000000392065_00477_31092_4728.N1	10-FEB-2008 04:28:25	Straylight	39.000	88	31Eta CMa	2.4480	20000.	78	31092	No
68	GOM_NL__2PRFIN20080210_043751_000000492065_00477_31092_4729.N1	10-FEB-2008 04:37:51	Twl_and_stray	48.500	8	10Alp CMi	0.40000	6500.0	97	31092	No
69	GOM_NL__2PRFIN20080210_044137_000000382065_00477_31092_4730.N1	10-FEB-2008 04:41:37	Bright	37.500	44	24Gam Gem	1.9280	11000.	75	31092	No
70	GOM_NL__2PRFIN20080210_044415_000000392065_00477_31092_4731.N1	10-FEB-2008 04:44:15	Bright	39.000	17	78Bet Gem	1.1610	4500.0	78	31092	No
71	GOM_NL__2PRFIN20080210_044956_000000362065_00477_31092_4732.N1	10-FEB-2008 04:49:56	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	31092	No
72	GOM_NL__2PRFIN20080210_050140_000000352065_00477_31092_4733.N1	10-FEB-2008 05:01:40	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	31092	No
73	GOM_NL__2PRFIN20080210_050819_000000372065_00477_31092_4734.N1	10-FEB-2008 05:08:19	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	31092	No
74	GOM_NL__2PRFIN20080210_051252_000000382065_00477_31092_4735.N1	10-FEB-2008 05:12:52	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	31092	No
75	GOM_NL__2PRFIN20080210_051631_000000372065_00477_31092_4736.N1	10-FEB-2008 05:16:31	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	31092	No
76	GOM_NL__2PRFIN20080210_052317_000000332065_00477_31092_4737.N1	10-FEB-2008 05:23:17	Bright	33.000	168	17Zet Aql	2.9860	11000.	66	31092	No
77	GOM_NL__2PRFIN20080210_053438_000000432065_00477_31092_4738.N1	10-FEB-2008 05:34:38	Twilight	43.000	137	22Lam Sgr	2.8240	4400.0	86	31092	No
78	GOM_NL__2PRFIN20080210_053557_000000432065_00477_31092_4739.N1	10-FEB-2008 05:35:57	Twilight	42.500	116	19Del Sgr	2.7000	4100.0	85	31092	No
79	GOM_NL__2PRFIN20080210_053706_000000422065_00477_31092_4740.N1	10-FEB-2008 05:37:06	Dark	41.500	38	20Eps Sgr	1.8360	11000.	83	31092	No
80	GOM_NL__2PRFIN20080210_053859_000000432065_00477_31092_4741.N1	10-FEB-2008 05:38:59	Dark	42.500	25	35Lam Sco	1.6200	28000.	85	31092	No
81	GOM_NL__2PRFIN20080210_054021_000000422065_00477_31092_4742.N1	10-FEB-2008 05:40:21	Dark	42.000	40	The Sco	1.8590	7100.0	84	31092	No
82	GOM_NL__2PRFIN20080210_054210_000000382065_00477_31092_4743.N1	10-FEB-2008 05:42:10	Dark	37.500	147	Alp Ara	2.8770	26000.	75	31092	No
83	GOM_NL__2PRFIN20080210_054340_000000412065_00477_31092_4744.N1	10-FEB-2008 05:43:40	Dark	40.500	141	Bet Ara	2.8400	4600.0	81	31092	No
84	GOM_NL__2PRFIN20080210_054725_000000452065_00478_31093_4731.N1	10-FEB-2008 05:47:25	Dark	45.000	43	Alp TrA	1.9100	4250.0	90	31093	No
85	GOM_NL__2PRFIN20080210_055403_000000452065_00478_31093_4732.N1	10-FEB-2008 05:54:03	Dark	45.000	12	Alp1Cru	0.77500	30000.	90	31093	No
86	GOM_NL__2PRFIN20080210_055656_000000412065_00478_31093_4733.N1	10-FEB-2008 05:56:56	Dark	40.500	29	Bet Car	1.6720	10200.	81	31093	No
87	GOM_NL__2PRFIN20080210_055928_000000382065_00478_31093_4734.N1	10-FEB-2008 05:59:28	Dark	38.000	71	lot Car	2.2460	7700.0	76	31093	No
88	GOM_NL__2PRFIN20080210_060108_000000382065_00478_31093_4735.N1	10-FEB-2008 06:01:08	Dark	38.000	46	Del Vel	1.9540	10600.	76	31093	No
89	GOM_NL__2PRFIN20080210_060334_000000402065_00478_31093_4736.N1	10-FEB-2008 06:03:34	Straylight	40.000	34	Gam2Vel	1.7930	23000.	80	31093	No
90	GOM_NL__2PRFIN20080210_060539_000000402065_00478_31093_4737.N1	10-FEB-2008 06:05:39	Straylight	40.000	70	Zet Pup	2.2460	39000.	80	31093	No
91	GOM_NL__2PRFIN20080210_060901_000000402065_00478_31093_4738.N1	10-FEB-2008 06:09:01	Straylight	40.000	88	31Eta CMa	2.4480	20000.	80	31093	No
92	GOM_NL__2PRFIN20080210_061827_000000492065_00478_31093_4739.N1	10-FEB-2008 06:18:27	Twl_and_stray	48.500	8	10Alp CMi	0.40000	6500.0	97	31093	No
93	GOM_NL__2PRFIN20080210_062213_000000382065_00478_31093_4740.N1	10-FEB-2008 06:22:13	Bright	37.500	44	24Gam Gem	1.9280	11000.	75	31093	No
94	GOM_NL__2PRFIN20080210_062452_000000382065_00478_31093_4741.N1	10-FEB-2008 06:24:52	Bright	38.000	17	78Bet Gem	1.1610	4500.0	76	31093	No
95	GOM_NL__2PRFIN20080210_063033_000000372065_00478_31093_4742.N1	10-FEB-2008 06:30:33	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	31093	No
96	GOM_NL__2PRFIN20080210_064216_000000352065_00478_31093_4743.N1	10-FEB-2008 06:42:16	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	31093	No
97	GOM_NL__2PRFIN20080210_064855_000000352065_00478_31093_4744.N1	10-FEB-2008 06:48:55	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	31093	No
98	GOM_NL__2PRFIN20080210_065328_000000402065_00478_31093_4745.N1	10-FEB-2008 06:53:28	Bright	40.000	69	33Gam Dra	2.2310	3800.0	80	31093	No
99	GOM_NL__2PRFIN20080210_065707_000000352065_00478_31093_4746.N1	10-FEB-2008 06:57:07	Bright	34.500	5	3Alp Lyr	0.033000	11000.	69	31093	No
100	GOM_NL__2PRFIN20080210_070353_000000342065_00478_31093_4747.N1	10-FEB-2008 07:03:53	Bright	33.500	168	17Zet Aql	2.9860	11000.	67	31093	No
101	GOM_NL__2PRFIN20080210_071515_000000432065_00478_31093_4748.N1	10-FEB-2008 07:15:15	Twilight	43.000	137	22Lam Sgr	2.8240	4400.0	86	31093	No

102	GOM_NL__2PRFIN20080210_071633_000000432065_00478_31093_4749.N1	10-FEB-2008 07:16:33	Twilight	43.000	116	19Del Sgr	2.7000	4100.0	86	31093	No
103	GOM_NL__2PRFIN20080210_071743_000000422065_00478_31093_4750.N1	10-FEB-2008 07:17:43	Dark	42.000	38	20Eps Sgr	1.8360	11000.	84	31093	No
104	GOM_NL__2PRFIN20080210_071935_000000402065_00478_31093_4751.N1	10-FEB-2008 07:19:35	Dark	39.500	25	35Lam Sco	1.6200	28000.	79	31093	No
105	GOM_NL__2PRFIN20080210_072057_000000412065_00478_31093_4752.N1	10-FEB-2008 07:20:57	Dark	40.500	40	The Sco	1.8590	7100.0	81	31093	No
106	GOM_NL__2PRFIN20080210_072246_000000372065_00478_31093_4753.N1	10-FEB-2008 07:22:46	Dark	37.000	147	Alp Ara	2.8770	26000.	74	31093	No
107	GOM_NL__2PRFIN20080210_072416_000000402065_00478_31093_4754.N1	10-FEB-2008 07:24:16	Dark	39.500	141	Bet Ara	2.8400	4600.0	79	31093	No
108	GOM_NL__2PRFIN20080210_072801_000000402065_00479_31094_4753.N1	10-FEB-2008 07:28:01	Dark	40.000	43	Alp TrA	1.9100	4250.0	80	31094	No
109	GOM_NL__2PRFIN20080210_073439_000000442065_00479_31094_4754.N1	10-FEB-2008 07:34:39	Dark	43.500	12	Alp1Cru	0.77500	30000.	87	31094	No
110	GOM_NL__2PRFIN20080210_073732_000000412065_00479_31094_4755.N1	10-FEB-2008 07:37:32	Dark	41.000	29	Bet Car	1.6720	10200.	82	31094	No
111	GOM_NL__2PRFIN20080210_074004_000000392065_00479_31094_4756.N1	10-FEB-2008 07:40:04	Dark	39.000	71	lot Car	2.2460	7700.0	78	31094	No
112	GOM_NL__2PRFIN20080210_074144_000000382065_00479_31094_4757.N1	10-FEB-2008 07:41:44	Dark	38.000	46	Del Vel	1.9540	10600.	76	31094	No
113	GOM_NL__2PRFIN20080210_074410_000000392065_00479_31094_4758.N1	10-FEB-2008 07:44:10	Straylight	39.000	34	Gam2Vel	1.7930	23000.	78	31094	No
114	GOM_NL__2PRFIN20080210_074615_000000382065_00479_31094_4759.N1	10-FEB-2008 07:46:15	Straylight	38.000	70	Zet Pup	2.2460	39000.	76	31094	No
115	GOM_NL__2PRFIN20080210_074937_000000382065_00479_31094_4760.N1	10-FEB-2008 07:49:37	Straylight	38.000	88	31Eta CMa	2.4480	20000.	76	31094	No
116	GOM_NL__2PRFIN20080210_075903_000000442065_00479_31094_4761.N1	10-FEB-2008 07:59:03	Twilight_and_stray	44.000	8	10Alp CMi	0.40000	6500.0	88	31094	No
117	GOM_NL__2PRFIN20080210_080249_000000382065_00479_31094_4762.N1	10-FEB-2008 08:02:49	Bright	38.000	44	24Gam Gem	1.9280	11000.	76	31094	No
118	GOM_NL__2PRFIN20080210_080527_000000382065_00479_31094_4763.N1	10-FEB-2008 08:05:27	Bright	37.500	17	78Bet Gem	1.1610	4500.0	75	31094	No
119	GOM_NL__2PRFIN20080210_081109_000000362065_00479_31094_4764.N1	10-FEB-2008 08:11:09	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	31094	No
120	GOM_NL__2PRFIN20080210_082252_000000362065_00479_31094_4765.N1	10-FEB-2008 08:22:52	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	31094	No
121	GOM_NL__2PRFIN20080210_082932_000000352065_00479_31094_4766.N1	10-FEB-2008 08:29:32	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	31094	No
122	GOM_NL__2PRFIN20080210_083404_000000382065_00479_31094_4767.N1	10-FEB-2008 08:34:04	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	31094	No
123	GOM_NL__2PRFIN20080210_083523_000000342065_00479_31094_4768.N1	10-FEB-2008 08:35:23	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	31094	No
124	GOM_NL__2PRFIN20080210_083743_000000382065_00479_31094_4769.N1	10-FEB-2008 08:37:43	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	31094	No
125	GOM_NL__2PRFIN20080210_084430_000000342065_00479_31094_4770.N1	10-FEB-2008 08:44:30	Bright	33.500	168	17Zet Aql	2.9860	11000.	67	31094	No
126	GOM_NL__2PRFIN20080210_085551_000000412065_00479_31094_4771.N1	10-FEB-2008 08:55:51	Twilight	40.500	137	22Lam Sgr	2.8240	4400.0	81	31094	No
127	GOM_NL__2PRFIN20080210_085710_000000422065_00479_31094_4772.N1	10-FEB-2008 08:57:10	Twilight	41.500	116	19Del Sgr	2.7000	4100.0	83	31094	No
128	GOM_NL__2PRFIN20080210_085819_000000412065_00479_31094_4773.N1	10-FEB-2008 08:58:19	Dark	41.000	38	20Eps Sgr	1.8360	11000.	82	31094	No
129	GOM_NL__2PRFIN20080210_090012_000000442065_00479_31094_4774.N1	10-FEB-2008 09:00:12	Dark	43.500	25	35Lam Sco	1.6200	28000.	87	31094	No
130	GOM_NL__2PRFIN20080210_090133_000000432065_00479_31094_4775.N1	10-FEB-2008 09:01:33	Dark	42.500	40	The Sco	1.8590	7100.0	85	31094	No
131	GOM_NL__2PRFIN20080210_090323_000000382065_00479_31094_4776.N1	10-FEB-2008 09:03:23	Dark	37.500	147	Alp Ara	2.8770	26000.	75	31094	No
132	GOM_NL__2PRFIN20080210_090453_000000392065_00479_31094_4777.N1	10-FEB-2008 09:04:53	Dark	38.500	141	Bet Ara	2.8400	4600.0	77	31094	No
133	GOM_NL__2PRFIN20080210_090837_000000442065_00480_31095_4765.N1	10-FEB-2008 09:08:37	Dark	44.000	43	Alp TrA	1.9100	4250.0	88	31095	No
134	GOM_NL__2PRFIN20080210_091516_000000492065_00480_31095_4766.N1	10-FEB-2008 09:15:16	Dark	48.500	12	Alp1Cru	0.77500	30000.	97	31095	No
135	GOM_NL__2PRFIN20080210_091808_000000372065_00480_31095_4767.N1	10-FEB-2008 09:18:08	Dark	36.500	29	Bet Car	1.6720	10200.	73	31095	No
136	GOM_NL__2PRFIN20080210_092040_000000392065_00480_31095_4768.N1	10-FEB-2008 09:20:40	Dark	38.500	71	lot Car	2.2460	7700.0	77	31095	No
137	GOM_NL__2PRFIN20080210_092220_000000392065_00480_31095_4769.N1	10-FEB-2008 09:22:20	Dark	38.500	46	Del Vel	1.9540	10600.	77	31095	No
138	GOM_NL__2PRFIN20080210_092446_000000382065_00480_31095_4770.N1	10-FEB-2008 09:24:46	Straylight	37.500	34	Gam2Vel	1.7930	23000.	75	31095	No
139	GOM_NL__2PRFIN20080210_092651_000000382065_00480_31095_4771.N1	10-FEB-2008 09:26:51	Straylight	37.500	70	Zet Pup	2.2460	39000.	75	31095	No
140	GOM_NL__2PRFIN20080210_093013_000000412065_00480_31095_4772.N1	10-FEB-2008 09:30:13	Straylight	40.500	88	31Eta CMa	2.4480	20000.	81	31095	No
141	GOM_NL__2PRFIN20080210_093939_000000442065_00480_31095_4773.N1	10-FEB-2008 09:39:39	Twilight_and_stray	43.500	8	10Alp CMi	0.40000	6500.0	87	31095	No
142	GOM_NL__2PRFIN20080210_094326_000000342065_00480_31095_4774.N1	10-FEB-2008 09:43:26	Bright	33.500	44	24Gam Gem	1.9280	11000.	67	31095	No
143	GOM_NL__2PRFIN20080210_094603_000000392065_00480_31095_4775.N1	10-FEB-2008 09:46:03	Bright	38.500	17	78Bet Gem	1.1610	4500.0	77	31095	No
144	GOM_NL__2PRFIN20080210_095145_000000382065_00480_31095_4776.N1	10-FEB-2008 09:51:45	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	31095	No
145	GOM_NL__2PRFIN20080210_100328_000000352065_00480_31095_4777.N1	10-FEB-2008 10:03:28	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	31095	No
146	GOM_NL__2PRFIN20080210_101008_000000362065_00480_31095_4778.N1	10-FEB-2008 10:10:08	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	31095	No
147	GOM_NL__2PRFIN20080210_101440_000000372065_00480_31095_4779.N1	10-FEB-2008 10:14:40	Bright	36.500	69	33Gam Dra	2.2310	3800.0	73	31095	No
148	GOM_NL__2PRFIN20080210_101559_000000332065_00480_31095_4780.N1	10-FEB-2008 10:15:59	Bright	33.000	144	18Del Cyg	2.8600	11000.	66	31095	No
149	GOM_NL__2PRFIN20080210_101819_000000342065_00480_31095_4781.N1	10-FEB-2008 10:18:19	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	31095	No
150	GOM_NL__2PRFIN20080210_102506_000000332065_00480_31095_4782.N1	10-FEB-2008 10:25:06	Bright	33.000	168	17Zet Aql	2.9860	11000.	66	31095	No
151	GOM_NL__2PRFIN20080210_103627_000000412065_00480_31095_4783.N1	10-FEB-2008 10:36:27	Twilight	41.000	137	22Lam Sgr	2.8240	4400.0	82	31095	No
152	GOM_NL__2PRFIN20080210_103746_000000412065_00480_31095_4784.N1	10-FEB-2008 10:37:46	Twilight	40.500	116	19Del Sgr	2.7000	4100.0	81	31095	No
153	GOM_NL__2PRFIN20080210_103855_000000392065_00480_31095_4785.N1	10-FEB-2008 10:38:55	Dark	39.000	38	20Eps Sgr	1.8360	11000.	78	31095	No
154	GOM_NL__2PRFIN20080210_104048_000000422065_00480_31095_4786.N1	10-FEB-2008 10:40:48	Dark	42.000	25	35Lam Sco	1.6200	28000.	84	31095	No
155	GOM_NL__2PRFIN20080210_104210_000000432065_00480_31095_4787.N1	10-FEB-2008 10:42:10	Dark	42.500	40	The Sco	1.8590	7100.0	85	31095	No
156	GOM_NL__2PRFIN20080210_104359_000000382065_00480_31095_4788.N1	10-FEB-2008 10:43:59	Dark	37.500	147	Alp Ara	2.8770	26000.	75	31095	No
157	GOM_NL__2PRFIN20080210_104529_000000412065_00480_31095_4789.N1	10-FEB-2008 10:45:29	Dark	41.000	141	Bet Ara	2.8400	4600.0	82	31095	No
158	GOM_NL__2PRFIN20080210_104913_000000392065_00481_31096_4781.N1	10-FEB-2008 10:49:13	Dark	39.000	43	Alp TrA	1.9100	4250.0	78	31096	No
159	GOM_NL__2PRFIN20080210_105552_000000412065_00481_31096_4782.N1	10-FEB-2008 10:55:52	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	31096	No
160	GOM_NL__2PRFIN20080210_105844_000000462065_00481_31096_4783.N1	10-FEB-2008 10:58:44	Dark	46.000	29	Bet Car	1.6720	10200.	92	31096	No



161	GOM_NL_2PRFIN20080210_110116_000000372065_00481_31096_4784.N1	10-FEB-2008 11:01:16	Dark	37.000	71	lot Car	2.2460	7700.0	74	31096	No
162	GOM_NL_2PRFIN20080210_110256_000000372065_00481_31096_4785.N1	10-FEB-2008 11:02:56	Dark	36.500	46	Del Vel	1.9540	10600.	73	31096	No
163	GOM_NL_2PRFIN20080210_110522_000000402065_00481_31096_4786.N1	10-FEB-2008 11:05:22	Straylight	39.500	34	Gam2Vel	1.7930	23000.	79	31096	No
164	GOM_NL_2PRFIN20080210_110727_000000402065_00481_31096_4787.N1	10-FEB-2008 11:07:27	Straylight	39.500	70	Zet Pup	2.2460	39000.	79	31096	No
165	GOM_NL_2PRFIN20080210_111049_000000392065_00481_31096_4788.N1	10-FEB-2008 11:10:49	Straylight	38.500	88	31Eta CMa	2.4480	20000.	77	31096	No
166	GOM_NL_2PRFIN20080210_112015_000000442065_00481_31096_4789.N1	10-FEB-2008 11:20:15	Tw_i_and_stray	44.000	8	10Alp CMi	0.40000	6500.0	88	31096	No
167	GOM_NL_2PRFIN20080210_112402_000000372065_00481_31096_4790.N1	10-FEB-2008 11:24:02	Bright	37.000	44	24Gam Gem	1.9280	11000.	74	31096	No
168	GOM_NL_2PRFIN20080210_112639_000000392065_00481_31096_4791.N1	10-FEB-2008 11:26:39	Bright	39.000	17	78Bet Gem	1.1610	4500.0	78	31096	No
169	GOM_NL_2PRFIN20080210_113221_000000382065_00481_31096_4792.N1	10-FEB-2008 11:32:21	Bright	38.000	42	34Bet Aur	1.9000	10200.	76	31096	No
170	GOM_NL_2PRFIN20080210_114404_000000352065_00481_31096_4793.N1	10-FEB-2008 11:44:04	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	31096	No
171	GOM_NL_2PRFIN20080210_115044_000000342065_00481_31096_4794.N1	10-FEB-2008 11:50:44	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	31096	No
172	GOM_NL_2PRFIN20080210_115515_000000292065_00481_31096_4795.N1	10-FEB-2008 11:55:15	Bright	29.000	69	33Gam Dra	2.2310	3800.0	58	31096	No
173	GOM_NL_2PRFIN20080210_115635_000000512065_00481_31096_4796.N1	10-FEB-2008 11:56:35	Bright	51.000	144	18Del Cyg	2.8600	11000.	102	31096	No
174	GOM_NL_2PRFIN20080210_115855_000000382065_00481_31096_4797.N1	10-FEB-2008 11:58:55	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	31096	No
175	GOM_NL_2PRFIN20080210_120542_000000332065_00481_31096_4798.N1	10-FEB-2008 12:05:42	Bright	32.500	168	17Zet Aql	2.9860	11000.	65	31096	No
176	GOM_NL_2PRFIN20080210_121703_000000412065_00481_31096_4799.N1	10-FEB-2008 12:17:03	Twilight	41.000	137	22Lam Sgr	2.8240	4400.0	82	31096	No
177	GOM_NL_2PRFIN20080210_121822_000000402065_00481_31096_4800.N1	10-FEB-2008 12:18:22	Twilight	40.000	116	19Del Sgr	2.7000	4100.0	80	31096	No
178	GOM_NL_2PRFIN20080210_121931_000000392065_00481_31096_4801.N1	10-FEB-2008 12:19:31	Dark	39.000	38	20Eps Sgr	1.8360	11000.	78	31096	No
179	GOM_NL_2PRFIN20080210_122124_000000422065_00481_31096_4802.N1	10-FEB-2008 12:21:24	Dark	41.500	25	35Lam Sco	1.6200	28000.	83	31096	No
180	GOM_NL_2PRFIN20080210_122246_000000442065_00481_31096_4803.N1	10-FEB-2008 12:22:46	Dark	44.000	40	The Sco	1.8590	7100.0	88	31096	No
181	GOM_NL_2PRFIN20080210_122435_000000372065_00481_31096_4804.N1	10-FEB-2008 12:24:35	Dark	36.500	147	Alp Ara	2.8770	26000.	73	31096	No
182	GOM_NL_2PRFIN20080210_122605_000000392065_00481_31096_4805.N1	10-FEB-2008 12:26:05	Dark	38.500	141	Bet Ara	2.8400	4600.0	77	31096	No
183	GOM_NL_2PRFIN20080210_122949_000000402065_00482_31097_4797.N1	10-FEB-2008 12:29:49	Dark	39.500	43	Alp TrA	1.9100	4250.0	79	31097	No
184	GOM_NL_2PRFIN20080210_123629_000000412065_00482_31097_4798.N1	10-FEB-2008 12:36:29	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	31097	No
185	GOM_NL_2PRFIN20080210_123920_000000372065_00482_31097_4799.N1	10-FEB-2008 12:39:20	Dark	37.000	29	Bet Car	1.6720	10200.	74	31097	No
186	GOM_NL_2PRFIN20080210_124152_000000382065_00482_31097_4800.N1	10-FEB-2008 12:41:52	Dark	37.500	71	lot Car	2.2460	7700.0	75	31097	No
187	GOM_NL_2PRFIN20080210_124332_000000382065_00482_31097_4801.N1	10-FEB-2008 12:43:32	Dark	38.000	46	Del Vel	1.9540	10600.	76	31097	No
188	GOM_NL_2PRFIN20080210_124558_000000432065_00482_31097_4802.N1	10-FEB-2008 12:45:58	Straylight	42.500	34	Gam2Vel	1.7930	23000.	85	31097	No
189	GOM_NL_2PRFIN20080210_124803_000000392065_00482_31097_4803.N1	10-FEB-2008 12:48:03	Straylight	39.000	70	Zet Pup	2.2460	39000.	78	31097	No
190	GOM_NL_2PRFIN20080210_125125_000000412065_00482_31097_4804.N1	10-FEB-2008 12:51:25	Straylight	40.500	88	31Eta CMa	2.4480	20000.	81	31097	No
191	GOM_NL_2PRFIN20080210_130051_000000452065_00482_31097_4805.N1	10-FEB-2008 13:00:51	Tw_i_and_stray	44.500	8	10Alp CMi	0.40000	6500.0	89	31097	No
192	GOM_NL_2PRFIN20080210_130438_000000372065_00482_31097_4806.N1	10-FEB-2008 13:04:38	Bright	37.000	44	24Gam Gem	1.9280	11000.	74	31097	No
193	GOM_NL_2PRFIN20080210_130715_000000382065_00482_31097_4807.N1	10-FEB-2008 13:07:15	Bright	38.000	17	78Bet Gem	1.1610	4500.0	76	31097	No
194	GOM_NL_2PRFIN20080210_131258_000000362065_00482_31097_4808.N1	10-FEB-2008 13:12:58	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	31097	No
195	GOM_NL_2PRFIN20080210_132440_000000362065_00482_31097_4809.N1	10-FEB-2008 13:24:40	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	31097	No
196	GOM_NL_2PRFIN20080210_133120_000000322065_00482_31097_4810.N1	10-FEB-2008 13:31:20	Bright	32.000	89	5Alp Cep	2.4510	8000.0	64	31097	No
197	GOM_NL_2PRFIN20080210_133551_000000292065_00482_31097_4811.N1	10-FEB-2008 13:35:51	Bright	29.000	69	33Gam Dra	2.2310	3800.0	58	31097	No
198	GOM_NL_2PRFIN20080210_133931_000000362065_00482_31097_4812.N1	10-FEB-2008 13:39:31	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	31097	No
199	GOM_NL_2PRFIN20080210_134618_000000332065_00482_31097_4813.N1	10-FEB-2008 13:46:18	Bright	33.000	168	17Zet Aql	2.9860	11000.	66	31097	No
200	GOM_NL_2PRFIN20080210_135740_000000412065_00482_31097_4814.N1	10-FEB-2008 13:57:40	Twilight	40.500	137	22Lam Sgr	2.8240	4400.0	81	31097	No
201	GOM_NL_2PRFIN20080210_135858_000000432065_00482_31097_4815.N1	10-FEB-2008 13:58:58	Twilight	43.000	116	19Del Sgr	2.7000	4100.0	86	31097	No
202	GOM_NL_2PRFIN20080210_140007_000000422065_00482_31097_4816.N1	10-FEB-2008 14:00:07	Dark	41.500	38	20Eps Sgr	1.8360	11000.	83	31097	No
203	GOM_NL_2PRFIN20080210_140201_000000402065_00482_31097_4817.N1	10-FEB-2008 14:02:01	Dark	40.000	25	35Lam Sco	1.6200	28000.	80	31097	No
204	GOM_NL_2PRFIN20080210_140322_000000402065_00482_31097_4818.N1	10-FEB-2008 14:03:22	Dark	39.500	40	The Sco	1.8590	7100.0	79	31097	No
205	GOM_NL_2PRFIN20080210_140511_000000372065_00482_31097_4819.N1	10-FEB-2008 14:05:11	Dark	37.000	147	Alp Ara	2.8770	26000.	74	31097	No
206	GOM_NL_2PRFIN20080210_140641_000000452065_00482_31097_4820.N1	10-FEB-2008 14:06:41	Dark	45.000	141	Bet Ara	2.8400	4600.0	90	31097	No
207	GOM_NL_2PRFIN20080210_141025_000000392065_00483_31098_4807.N1	10-FEB-2008 14:10:25	Dark	38.500	43	Alp TrA	1.9100	4250.0	77	31098	No
208	GOM_NL_2PRFIN20080210_141705_000000422065_00483_31098_4808.N1	10-FEB-2008 14:17:05	Dark	41.500	12	Alp1Cru	0.77500	30000.	83	31098	No
209	GOM_NL_2PRFIN20080210_141956_000000372065_00483_31098_4809.N1	10-FEB-2008 14:19:56	Dark	36.500	29	Bet Car	1.6720	10200.	73	31098	No
210	GOM_NL_2PRFIN20080210_142228_000000392065_00483_31098_4810.N1	10-FEB-2008 14:22:28	Dark	39.000	71	lot Car	2.2460	7700.0	78	31098	No
211	GOM_NL_2PRFIN20080210_142409_000000372065_00483_31098_4811.N1	10-FEB-2008 14:24:09	Dark	36.500	46	Del Vel	1.9540	10600.	73	31098	No
212	GOM_NL_2PRFIN20080210_142634_000000372065_00483_31098_4812.N1	10-FEB-2008 14:26:34	Straylight	37.000	34	Gam2Vel	1.7930	23000.	74	31098	No
213	GOM_NL_2PRFIN20080210_142839_000000402065_00483_31098_4813.N1	10-FEB-2008 14:28:39	Straylight	40.000	70	Zet Pup	2.2460	39000.	80	31098	No
214	GOM_NL_2PRFIN20080210_143201_000000412065_00483_31098_4814.N1	10-FEB-2008 14:32:01	Straylight	41.000	88	31Eta CMa	2.4480	20000.	82	31098	No
215	GOM_NL_2PRFIN20080210_144127_000000452065_00483_31098_4815.N1	10-FEB-2008 14:41:27	Tw_i_and_stray	44.500	8	10Alp CMi	0.40000	6500.0	89	31098	No
216	GOM_NL_2PRFIN20080210_144751_000000392065_00483_31098_4816.N1	10-FEB-2008 14:47:51	Bright	39.000	17	78Bet Gem	1.1610	4500.0	78	31098	No
217	GOM_NL_2PRFIN20080210_145334_000000352065_00483_31098_4817.N1	10-FEB-2008 14:53:34	Bright	35.000	42	34Bet Aur	1.9000	10200.	70	31098	No
218	GOM_NL_2PRFIN20080210_150516_000000352065_00483_31098_4818.N1	10-FEB-2008 15:05:16	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	31098	No
219	GOM_NL_2PRFIN20080210_151156_000000362065_00483_31098_4819.N1	10-FEB-2008 15:11:56	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	31098	No

220	GOM_NL__2PRFIN20080210_151748_000000462065_00483_31098_4820.N1	10-FEB-2008 15:17:48	Bright	45.500	144	18Del Cyg	2.8600	11000.	91	31098	No
221	GOM_NL__2PRFIN20080210_152007_000000372065_00483_31098_4821.N1	10-FEB-2008 15:20:07	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	31098	No
222	GOM_NL__2PRFIN20080210_152654_000000352065_00483_31098_4822.N1	10-FEB-2008 15:26:54	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	31098	No
223	GOM_NL__2PRFIN20080210_153816_000000412065_00483_31098_4823.N1	10-FEB-2008 15:38:16	Twilight	40.500	137	22Lam Sgr	2.8240	4400.0	81	31098	No
224	GOM_NL__2PRFIN20080210_153934_000000442065_00483_31098_4824.N1	10-FEB-2008 15:39:34	Twilight	44.000	116	19Del Sgr	2.7000	4100.0	88	31098	No
225	GOM_NL__2PRFIN20080210_154044_000000412065_00483_31098_4825.N1	10-FEB-2008 15:40:44	Dark	40.500	38	20Eps Sgr	1.8360	11000.	81	31098	No
226	GOM_NL__2PRFIN20080210_154237_000000402065_00483_31098_4826.N1	10-FEB-2008 15:42:37	Dark	40.000	25	35Lam Sco	1.6200	28000.	80	31098	No
227	GOM_NL__2PRFIN20080210_154359_000000432065_00483_31098_4827.N1	10-FEB-2008 15:43:59	Dark	43.000	40	The Sco	1.8590	7100.0	86	31098	No
228	GOM_NL__2PRFIN20080210_154548_000000382065_00483_31098_4828.N1	10-FEB-2008 15:45:48	Dark	37.500	147	Alp Ara	2.8770	26000.	75	31098	No
229	GOM_NL__2PRFIN20080210_154718_000000392065_00483_31098_4829.N1	10-FEB-2008 15:47:18	Dark	39.000	141	Bet Ara	2.8400	4600.0	78	31098	No
230	GOM_NL__2PRFIN20080210_155102_000000412065_00484_31099_4828.N1	10-FEB-2008 15:51:02	Dark	41.000	43	Alp TrA	1.9100	4250.0	82	31099	No
231	GOM_NL__2PRFIN20080210_155741_000000422065_00484_31099_4829.N1	10-FEB-2008 15:57:41	Dark	41.500	12	Alp1Cru	0.77500	30000.	83	31099	No
232	GOM_NL__2PRFIN20080210_160032_000000382065_00484_31099_4830.N1	10-FEB-2008 16:00:32	Dark	37.500	29	Bet Car	1.6720	10200.	75	31099	No
233	GOM_NL__2PRFIN20080210_160305_000000382065_00484_31099_4831.N1	10-FEB-2008 16:03:05	Dark	37.500	71	lot Car	2.2460	7700.0	75	31099	No
234	GOM_NL__2PRFIN20080210_160445_000000372065_00484_31099_4832.N1	10-FEB-2008 16:04:45	Dark	36.500	46	Del Vel	1.9540	10600.	73	31099	No
235	GOM_NL__2PRFIN20080210_160711_000000402065_00484_31099_4833.N1	10-FEB-2008 16:07:11	Straylight	40.000	34	Gam2Vel	1.7930	23000.	80	31099	No
236	GOM_NL__2PRFIN20080210_160915_000000412065_00484_31099_4834.N1	10-FEB-2008 16:09:15	Straylight	40.500	70	Zet Pup	2.2460	39000.	81	31099	No
237	GOM_NL__2PRFIN20080210_161237_000000402065_00484_31099_4835.N1	10-FEB-2008 16:12:37	Straylight	39.500	88	31Eta CMa	2.4480	20000.	79	31099	No
238	GOM_NL__2PRFIN20080210_162203_000000432065_00484_31099_4836.N1	10-FEB-2008 16:22:03	Twi_and_stray	42.500	8	10Alp CMi	0.40000	6500.0	85	31099	No
239	GOM_NL__2PRFIN20080210_162827_000000392065_00484_31099_4837.N1	10-FEB-2008 16:28:27	Bright	38.500	17	78Bet Gem	1.1610	4500.0	77	31099	No
240	GOM_NL__2PRFIN20080210_163410_000000362065_00484_31099_4838.N1	10-FEB-2008 16:34:10	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	31099	No
241	GOM_NL__2PRFIN20080210_164552_000000372065_00484_31099_4839.N1	10-FEB-2008 16:45:52	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	31099	No
242	GOM_NL__2PRFIN20080210_165232_000000362065_00484_31099_4840.N1	10-FEB-2008 16:52:32	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	31099	No
243	GOM_NL__2PRFIN20080210_165824_000000332065_00484_31099_4841.N1	10-FEB-2008 16:58:24	Bright	33.000	144	18Del Cyg	2.8600	11000.	66	31099	No
244	GOM_NL__2PRFIN20080210_170043_000000352065_00484_31099_4842.N1	10-FEB-2008 17:00:43	Bright	34.500	5	3Alp Lyr	0.033000	11000.	69	31099	No
245	GOM_NL__2PRFIN20080210_170730_000000342065_00484_31099_4843.N1	10-FEB-2008 17:07:30	Bright	33.500	168	17Zet Aql	2.9860	11000.	67	31099	No
246	GOM_NL__2PRFIN20080210_171852_000000402065_00484_31099_4844.N1	10-FEB-2008 17:18:52	Twilight	40.000	137	22Lam Sgr	2.8240	4400.0	80	31099	No
247	GOM_NL__2PRFIN20080210_172011_000000412065_00484_31099_4845.N1	10-FEB-2008 17:20:11	Twilight	40.500	116	19Del Sgr	2.7000	4100.0	81	31099	No
248	GOM_NL__2PRFIN20080210_172120_000000382065_00484_31099_4846.N1	10-FEB-2008 17:21:20	Dark	38.000	38	20Eps Sgr	1.8360	11000.	76	31099	No
249	GOM_NL__2PRFIN20080210_172314_000000422065_00484_31099_4847.N1	10-FEB-2008 17:23:14	Dark	41.500	25	35Lam Sco	1.6200	28000.	83	31099	No
250	GOM_NL__2PRFIN20080210_172435_000000402065_00484_31099_4848.N1	10-FEB-2008 17:24:35	Dark	39.500	40	The Sco	1.8590	7100.0	79	31099	No
251	GOM_NL__2PRFIN20080210_172624_000000372065_00484_31099_4849.N1	10-FEB-2008 17:26:24	Dark	37.000	147	Alp Ara	2.8770	26000.	74	31099	No
252	GOM_NL__2PRFIN20080210_172754_000000372065_00484_31099_4850.N1	10-FEB-2008 17:27:54	Dark	37.000	141	Bet Ara	2.8400	4600.0	74	31099	No
253	GOM_NL__2PRFIN20080210_173138_000000462065_00485_31100_4841.N1	10-FEB-2008 17:31:38	Dark	45.500	43	Alp TrA	1.9100	4250.0	91	31100	No
254	GOM_NL__2PRFIN20080210_173818_000000422065_00485_31100_4842.N1	10-FEB-2008 17:38:18	Dark	42.000	12	Alp1Cru	0.77500	30000.	84	31100	No
255	GOM_NL__2PRFIN20080210_174108_000000372065_00485_31100_4843.N1	10-FEB-2008 17:41:08	Dark	37.000	29	Bet Car	1.6720	10200.	74	31100	No
256	GOM_NL__2PRFIN20080210_174341_000000392065_00485_31100_4844.N1	10-FEB-2008 17:43:41	Dark	39.000	71	lot Car	2.2460	7700.0	78	31100	No
257	GOM_NL__2PRFIN20080210_174521_000000392065_00485_31100_4845.N1	10-FEB-2008 17:45:21	Dark	39.000	46	Del Vel	1.9540	10600.	78	31100	No
258	GOM_NL__2PRFIN20080210_174747_000000382065_00485_31100_4846.N1	10-FEB-2008 17:47:47	Straylight	38.000	34	Gam2Vel	1.7930	23000.	76	31100	No
259	GOM_NL__2PRFIN20080210_174951_000000402065_00485_31100_4847.N1	10-FEB-2008 17:49:51	Straylight	39.500	70	Zet Pup	2.2460	39000.	79	31100	No
260	GOM_NL__2PRFIN20080210_175313_000000402065_00485_31100_4848.N1	10-FEB-2008 17:53:13	Straylight	40.000	88	31Eta CMa	2.4480	20000.	80	31100	No
261	GOM_NL__2PRFIN20080210_180239_000000442065_00485_31100_4849.N1	10-FEB-2008 18:02:39	Twi_and_stray	44.000	8	10Alp CMi	0.40000	6500.0	88	31100	No
262	GOM_NL__2PRFIN20080210_180903_000000402065_00485_31100_4850.N1	10-FEB-2008 18:09:03	Bright	39.500	17	78Bet Gem	1.1610	4500.0	79	31100	No
263	GOM_NL__2PRFIN20080210_181446_000000362065_00485_31100_4851.N1	10-FEB-2008 18:14:46	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	31100	No
264	GOM_NL__2PRFIN20080210_182628_000000352065_00485_31100_4852.N1	10-FEB-2008 18:26:28	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	31100	No
265	GOM_NL__2PRFIN20080210_183309_000000342065_00485_31100_4853.N1	10-FEB-2008 18:33:09	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	31100	No
266	GOM_NL__2PRFIN20080210_183900_000000332065_00485_31100_4854.N1	10-FEB-2008 18:39:00	Bright	33.000	144	18Del Cyg	2.8600	11000.	66	31100	No
267	GOM_NL__2PRFIN20080210_184119_000000372065_00485_31100_4855.N1	10-FEB-2008 18:41:19	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	31100	No
268	GOM_NL__2PRFIN20080210_184806_000000342065_00485_31100_4856.N1	10-FEB-2008 18:48:06	Bright	34.000	168	17Zet Aql	2.9860	11000.	68	31100	No
269	GOM_NL__2PRFIN20080210_185928_000000402065_00485_31100_4857.N1	10-FEB-2008 18:59:28	Twilight	39.500	137	22Lam Sgr	2.8240	4400.0	79	31100	No
270	GOM_NL__2PRFIN20080210_190047_000000412065_00485_31100_4858.N1	10-FEB-2008 19:00:47	Twilight	41.000	116	19Del Sgr	2.7000	4100.0	82	31100	No
271	GOM_NL__2PRFIN20080210_190156_000000422065_00485_31100_4859.N1	10-FEB-2008 19:01:56	Dark	41.500	38	20Eps Sgr	1.8360	11000.	83	31100	No
272	GOM_NL__2PRFIN20080210_190350_000000432065_00485_31100_4860.N1	10-FEB-2008 19:03:50	Dark	43.000	25	35Lam Sco	1.6200	28000.	86	31100	No
273	GOM_NL__2PRFIN20080210_190511_000000442065_00485_31100_4861.N1	10-FEB-2008 19:05:11	Dark	43.500	40	The Sco	1.8590	7100.0	87	31100	No
274	GOM_NL__2PRFIN20080210_190701_000000372065_00485_31100_4862.N1	10-FEB-2008 19:07:01	Dark	36.500	147	Alp Ara	2.8770	26000.	73	31100	No
275	GOM_NL__2PRFIN20080210_190830_000000382065_00485_31100_4863.N1	10-FEB-2008 19:08:30	Dark	37.500	141	Bet Ara	2.8400	4600.0	75	31100	No
276	GOM_NL__2PRFIN20080210_191214_000000402065_00486_31101_4855.N1	10-FEB-2008 19:12:14	Dark	40.000	43	Alp TrA	1.9100	4250.0	80	31101	No
277	GOM_NL__2PRFIN20080210_191854_000000492065_00486_31101_4856.N1	10-FEB-2008 19:18:54	Dark	48.500	12	Alp1Cru	0.77500	30000.	97	31101	No
278	GOM_NL__2PRFIN20080210_192145_000000382065_00486_31101_4857.N1	10-FEB-2008 19:21:45	Dark	37.500	29	Bet Car	1.6720	10200.	75	31101	No

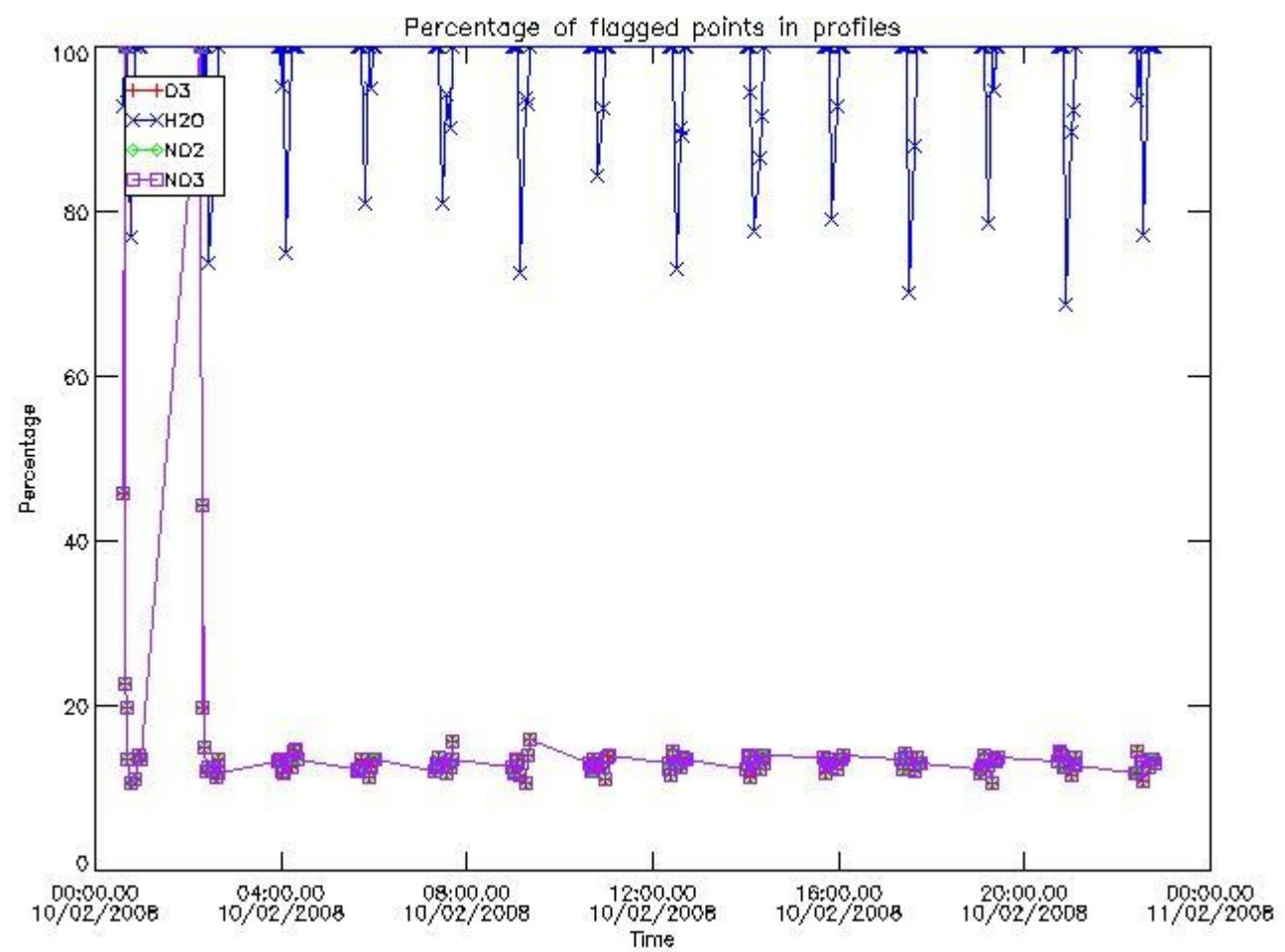
279	GOM_NL__2PRFIN20080210_192417_000000392065_00486_31101_4858.N1	10-FEB-2008 19:24:17	Dark	38.500	71	lot Car	2.2460	7700.0	77	31101	No
280	GOM_NL__2PRFIN20080210_192557_000000412065_00486_31101_4859.N1	10-FEB-2008 19:25:57	Dark	40.500	46	Del Vel	1.9540	10600.	81	31101	No
281	GOM_NL__2PRFIN20080210_192823_000000422065_00486_31101_4860.N1	10-FEB-2008 19:28:23	Straylight	41.500	34	Gam2Vel	1.7930	23000.	83	31101	No
282	GOM_NL__2PRFIN20080210_193027_000000402065_00486_31101_4861.N1	10-FEB-2008 19:30:27	Straylight	39.500	70	Zet Pup	2.2460	39000.	79	31101	No
283	GOM_NL__2PRFIN20080210_193349_000000392065_00486_31101_4862.N1	10-FEB-2008 19:33:49	Straylight	39.000	88	31Eta CMa	2.4480	20000.	78	31101	No
284	GOM_NL__2PRFIN20080210_194315_000000412065_00486_31101_4863.N1	10-FEB-2008 19:43:15	Twl_and_stray	40.500	8	10Alp CMi	0.40000	6500.0	81	31101	No
285	GOM_NL__2PRFIN20080210_194939_000000382065_00486_31101_4864.N1	10-FEB-2008 19:49:39	Bright	37.500	17	78Bet Gem	1.1610	4500.0	75	31101	No
286	GOM_NL__2PRFIN20080210_195523_000000372065_00486_31101_4865.N1	10-FEB-2008 19:55:23	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	31101	No
287	GOM_NL__2PRFIN20080210_200704_000000372065_00486_31101_4866.N1	10-FEB-2008 20:07:04	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	31101	No
288	GOM_NL__2PRFIN20080210_201345_000000372065_00486_31101_4867.N1	10-FEB-2008 20:13:45	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	31101	No
289	GOM_NL__2PRFIN20080210_201936_000000352065_00486_31101_4868.N1	10-FEB-2008 20:19:36	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	31101	No
290	GOM_NL__2PRFIN20080210_202155_000000352065_00486_31101_4869.N1	10-FEB-2008 20:21:55	Bright	34.500	5	3Alp Lyr	0.033000	11000.	69	31101	No
291	GOM_NL__2PRFIN20080210_202842_000000342065_00486_31101_4870.N1	10-FEB-2008 20:28:42	Bright	33.500	168	17Zet Aql	2.9860	11000.	67	31101	No
292	GOM_NL__2PRFIN20080210_204004_000000422065_00486_31101_4871.N1	10-FEB-2008 20:40:04	Twilight	42.000	137	22Lam Sgr	2.8240	4400.0	84	31101	No
293	GOM_NL__2PRFIN20080210_204123_000000422065_00486_31101_4872.N1	10-FEB-2008 20:41:23	Twilight	42.000	116	19Del Sgr	2.7000	4100.0	84	31101	No
294	GOM_NL__2PRFIN20080210_204232_000000392065_00486_31101_4873.N1	10-FEB-2008 20:42:32	Dark	38.500	38	20Eps Sgr	1.8360	11000.	77	31101	No
295	GOM_NL__2PRFIN20080210_204427_000000432065_00486_31101_4874.N1	10-FEB-2008 20:44:27	Dark	43.000	25	35Lam Sco	1.6200	28000.	86	31101	No
296	GOM_NL__2PRFIN20080210_204548_000000392065_00486_31101_4875.N1	10-FEB-2008 20:45:48	Dark	39.000	40	The Sco	1.8590	7100.0	78	31101	No
297	GOM_NL__2PRFIN20080210_204737_000000372065_00486_31101_4876.N1	10-FEB-2008 20:47:37	Dark	36.500	147	Alp Ara	2.8770	26000.	73	31101	No
298	GOM_NL__2PRFIN20080210_204907_000000412065_00486_31101_4877.N1	10-FEB-2008 20:49:07	Dark	40.500	141	Bet Ara	2.8400	4600.0	81	31101	No
299	GOM_NL__2PRFIN20080210_205250_000000412065_00487_31102_4870.N1	10-FEB-2008 20:52:50	Dark	40.500	43	Alp TrA	1.9100	4250.0	81	31102	No
300	GOM_NL__2PRFIN20080210_205931_000000442065_00487_31102_4871.N1	10-FEB-2008 20:59:31	Dark	44.000	12	Alp1Cru	0.77500	30000.	88	31102	No
301	GOM_NL__2PRFIN20080210_210221_000000392065_00487_31102_4872.N1	10-FEB-2008 21:02:21	Dark	39.000	29	Bet Car	1.6720	10200.	78	31102	No
302	GOM_NL__2PRFIN20080210_210453_000000372065_00487_31102_4873.N1	10-FEB-2008 21:04:53	Dark	37.000	71	lot Car	2.2460	7700.0	74	31102	No
303	GOM_NL__2PRFIN20080210_210633_000000402065_00487_31102_4874.N1	10-FEB-2008 21:06:33	Dark	40.000	46	Del Vel	1.9540	10600.	80	31102	No
304	GOM_NL__2PRFIN20080210_210859_000000392065_00487_31102_4875.N1	10-FEB-2008 21:08:59	Straylight	39.000	34	Gam2Vel	1.7930	23000.	78	31102	No
305	GOM_NL__2PRFIN20080210_211103_000000382065_00487_31102_4876.N1	10-FEB-2008 21:11:03	Straylight	38.000	70	Zet Pup	2.2460	39000.	76	31102	No
306	GOM_NL__2PRFIN20080210_211425_000000382065_00487_31102_4877.N1	10-FEB-2008 21:14:25	Straylight	38.000	88	31Eta CMa	2.4480	20000.	76	31102	No
307	GOM_NL__2PRFIN20080210_212351_000000422065_00487_31102_4878.N1	10-FEB-2008 21:23:51	Twl_and_stray	42.000	8	10Alp CMi	0.40000	6500.0	84	31102	No
308	GOM_NL__2PRFIN20080210_213015_000000382065_00487_31102_4879.N1	10-FEB-2008 21:30:15	Bright	38.000	17	78Bet Gem	1.1610	4500.0	76	31102	No
309	GOM_NL__2PRFIN20080210_213559_000000382065_00487_31102_4880.N1	10-FEB-2008 21:35:59	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	31102	No
310	GOM_NL__2PRFIN20080210_214739_000000362065_00487_31102_4881.N1	10-FEB-2008 21:47:39	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	31102	No
311	GOM_NL__2PRFIN20080210_215421_000000352065_00487_31102_4882.N1	10-FEB-2008 21:54:21	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	31102	No
312	GOM_NL__2PRFIN20080210_220012_000000332065_00487_31102_4883.N1	10-FEB-2008 22:00:12	Bright	33.000	144	18Del Cyg	2.8600	11000.	66	31102	No
313	GOM_NL__2PRFIN20080210_220231_000000352065_00487_31102_4884.N1	10-FEB-2008 22:02:31	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	31102	No
314	GOM_NL__2PRFIN20080210_220918_000000332065_00487_31102_4885.N1	10-FEB-2008 22:09:18	Bright	33.000	168	17Zet Aql	2.9860	11000.	66	31102	No
315	GOM_NL__2PRFIN20080210_222041_000000442065_00487_31102_4886.N1	10-FEB-2008 22:20:41	Twilight	44.000	137	22Lam Sgr	2.8240	4400.0	88	31102	No
316	GOM_NL__2PRFIN20080210_222159_000000382065_00487_31102_4887.N1	10-FEB-2008 22:21:59	Twilight	38.000	116	19Del Sgr	2.7000	4100.0	76	31102	No
317	GOM_NL__2PRFIN20080210_222308_000000432065_00487_31102_4888.N1	10-FEB-2008 22:23:08	Dark	43.000	38	20Eps Sgr	1.8360	11000.	86	31102	No
318	GOM_NL__2PRFIN20080210_222503_000000442065_00487_31102_4889.N1	10-FEB-2008 22:25:03	Dark	43.500	25	35Lam Sco	1.6200	28000.	87	31102	No
319	GOM_NL__2PRFIN20080210_222624_000000392065_00487_31102_4890.N1	10-FEB-2008 22:26:24	Dark	39.000	40	The Sco	1.8590	7100.0	78	31102	No
320	GOM_NL__2PRFIN20080210_222943_000000392065_00487_31102_4891.N1	10-FEB-2008 22:29:43	Dark	38.500	141	Bet Ara	2.8400	4600.0	77	31102	No
321	GOM_NL__2PRFIN20080210_223326_000000472065_00488_31103_4880.N1	10-FEB-2008 22:33:26	Dark	46.500	43	Alp TrA	1.9100	4250.0	93	31103	No
322	GOM_NL__2PRFIN20080210_224007_000000412065_00488_31103_4881.N1	10-FEB-2008 22:40:07	Dark	41.000	12	Alp1Cru	0.77500	30000.	82	31103	No
323	GOM_NL__2PRFIN20080210_224257_000000382065_00488_31103_4882.N1	10-FEB-2008 22:42:57	Dark	37.500	29	Bet Car	1.6720	10200.	75	31103	No
324	GOM_NL__2PRFIN20080210_224529_000000382065_00488_31103_4883.N1	10-FEB-2008 22:45:29	Dark	37.500	71	lot Car	2.2460	7700.0	75	31103	No
325	GOM_NL__2PRFIN20080210_224709_000000402065_00488_31103_4884.N1	10-FEB-2008 22:47:09	Dark	39.500	46	Del Vel	1.9540	10600.	79	31103	No
326	GOM_NL__2PRFIN20080210_224935_000000412065_00488_31103_4885.N1	10-FEB-2008 22:49:35	Straylight	40.500	34	Gam2Vel	1.7930	23000.	81	31103	No
327	GOM_NL__2PRFIN20080210_225139_000000392065_00488_31103_4886.N1	10-FEB-2008 22:51:39	Straylight	38.500	70	Zet Pup	2.2460	39000.	77	31103	No
328	GOM_NL__2PRFIN20080210_225501_000000392065_00488_31103_4887.N1	10-FEB-2008 22:55:01	Straylight	38.500	88	31Eta CMa	2.4480	20000.	77	31103	No
329	GOM_NL__2PRFIN20080210_230427_000000522065_00488_31103_4888.N1	10-FEB-2008 23:04:27	Bright	52.000	8	10Alp CMi	0.40000	6500.0	104	31103	No
330	GOM_NL__2PRFIN20080210_231051_000000372065_00488_31103_4889.N1	10-FEB-2008 23:10:51	Bright	37.000	17	78Bet Gem	1.1610	4500.0	74	31103	No
331	GOM_NL__2PRFIN20080210_231635_000000362065_00488_31103_4890.N1	10-FEB-2008 23:16:35	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	31103	No
332	GOM_NL__2PRFIN20080210_232815_000000362065_00488_31103_4891.N1	10-FEB-2008 23:28:15	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	31103	No
333	GOM_NL__2PRFIN20080210_233457_000000332065_00488_31103_4892.N1	10-FEB-2008 23:34:57	Bright	33.000	89	5Alp Cep	2.4510	8000.0	66	31103	No
334	GOM_NL__2PRFIN20080210_234048_000000332065_00488_31103_4893.N1	10-FEB-2008 23:40:48	Bright	33.000	144	18Del Cyg	2.8600	11000.	66	31103	No
335	GOM_NL__2PRFIN20080210_234307_00000072065_00488_31103_4894.N1	10-FEB-2008 23:43:07	Straylight	6.5000	5	3Alp Lyr	0.033000	11000.	13	31103	No



### 3. Quality information per product

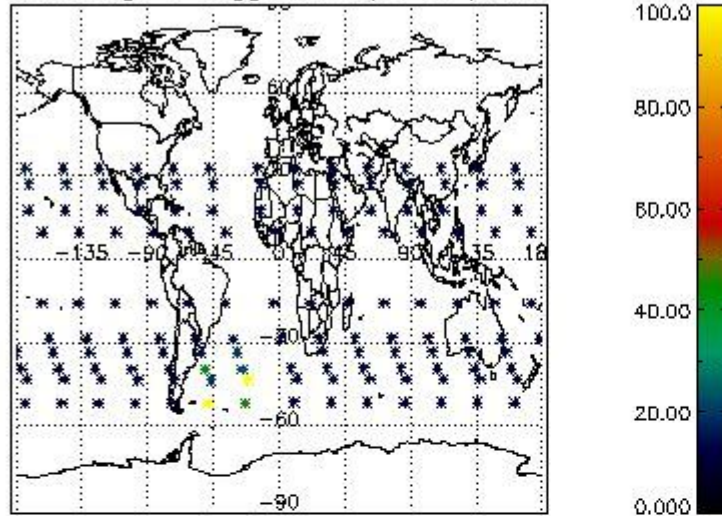
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

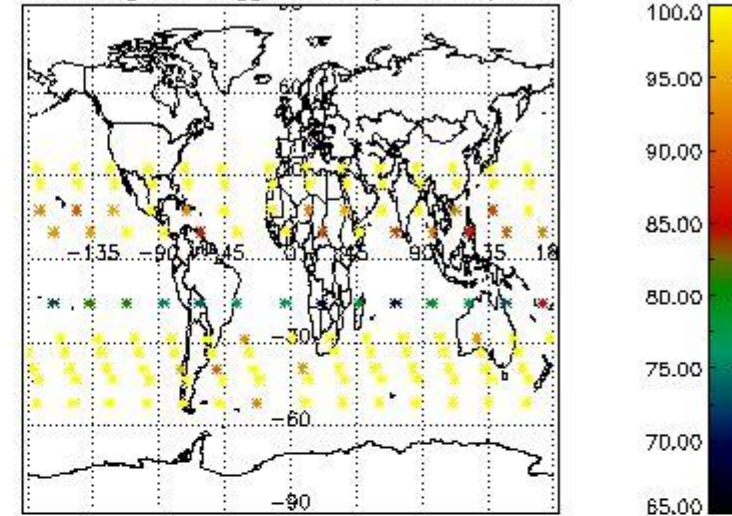


#### 3.2 Plot quality information per product (world map)

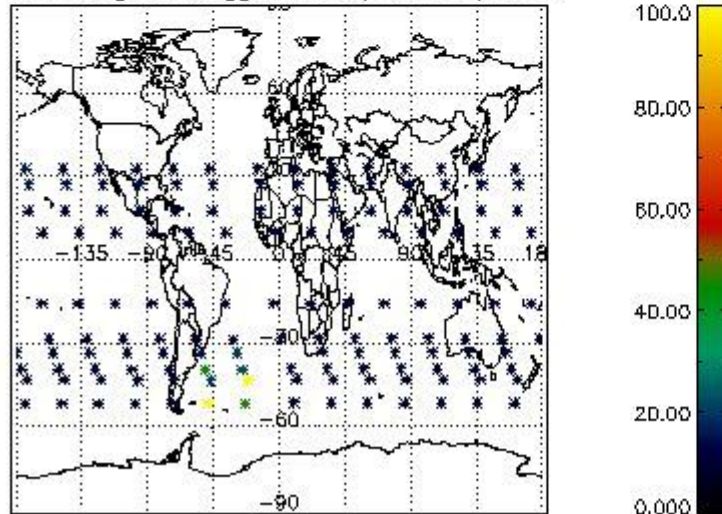
Percentage of flagged data per O3 profile



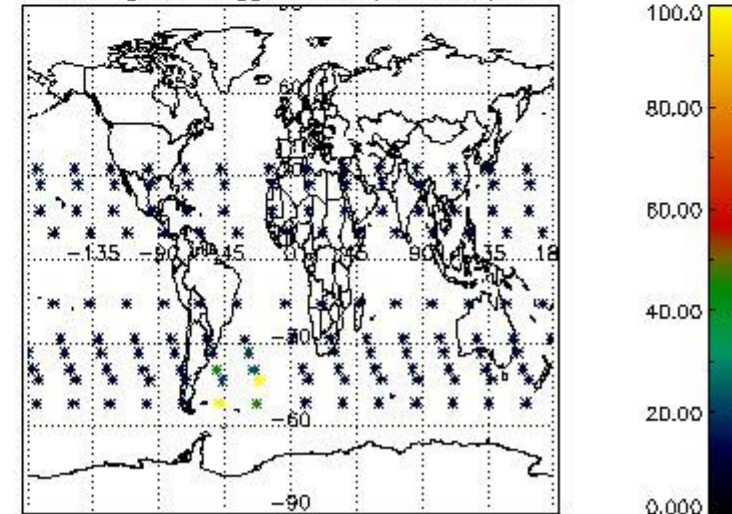
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

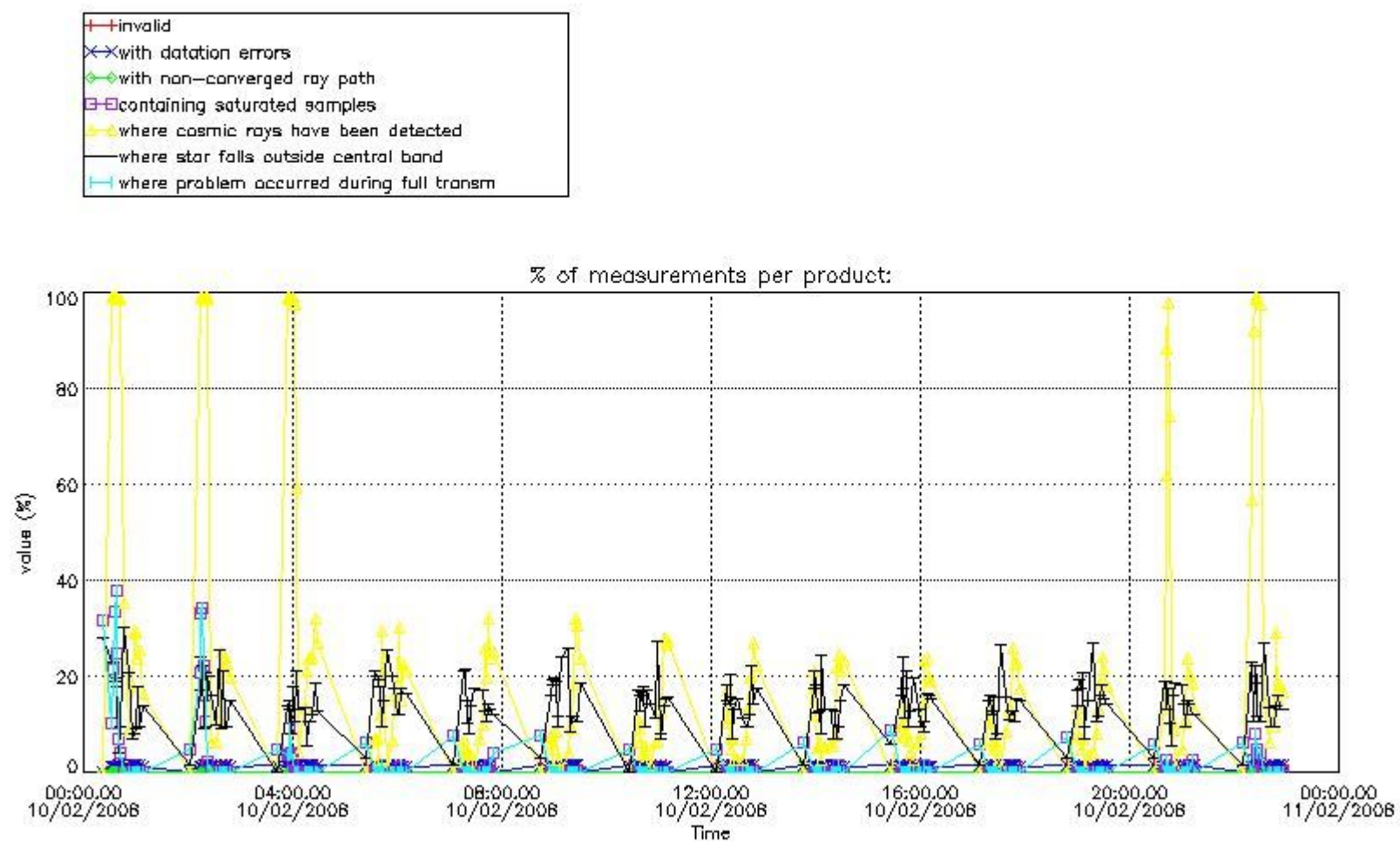


#### 4. Level 1 quality information per product

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

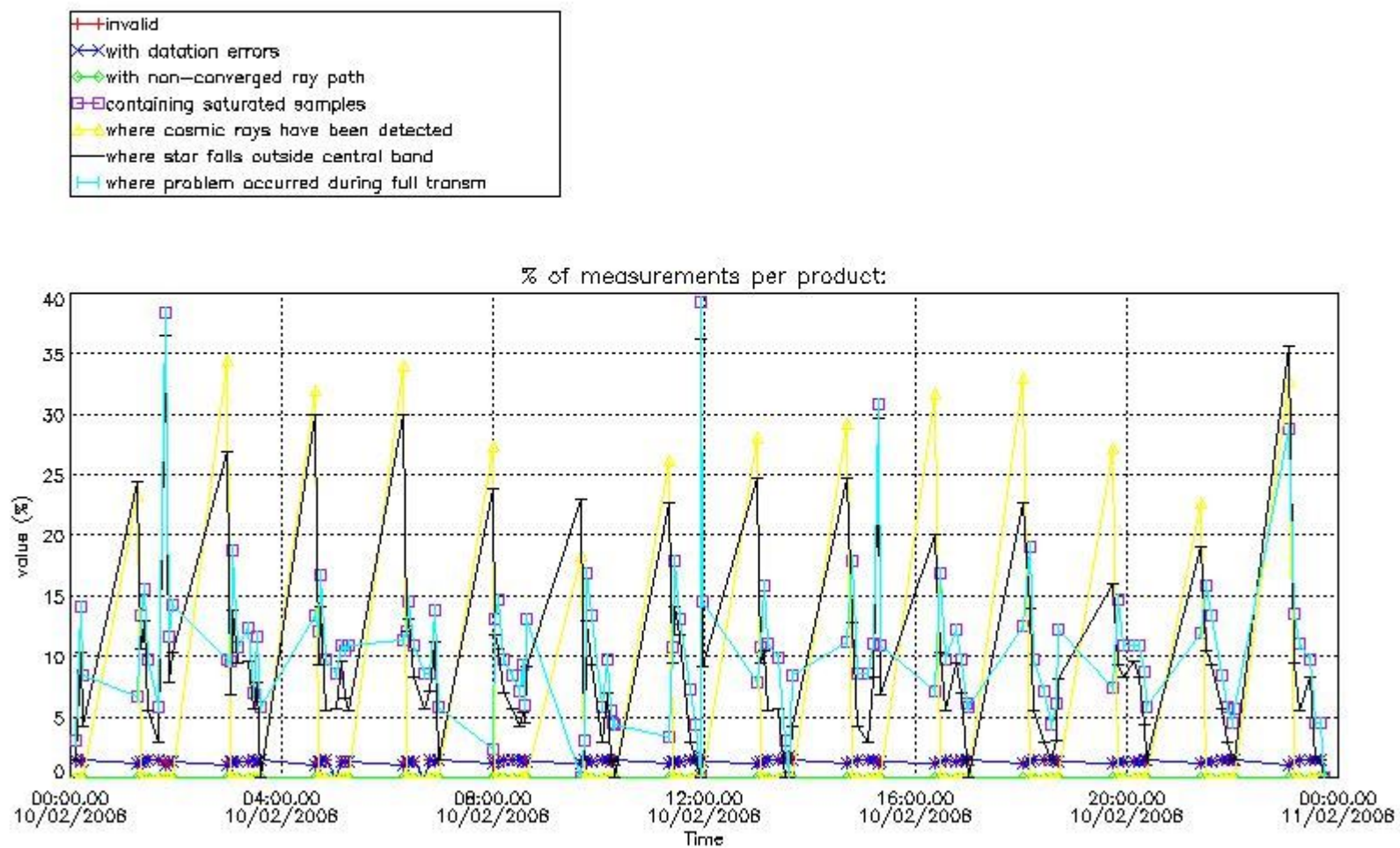
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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



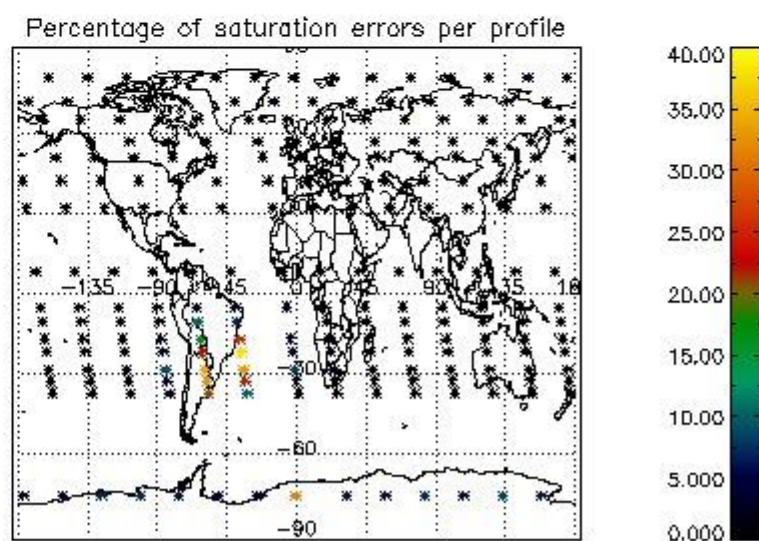
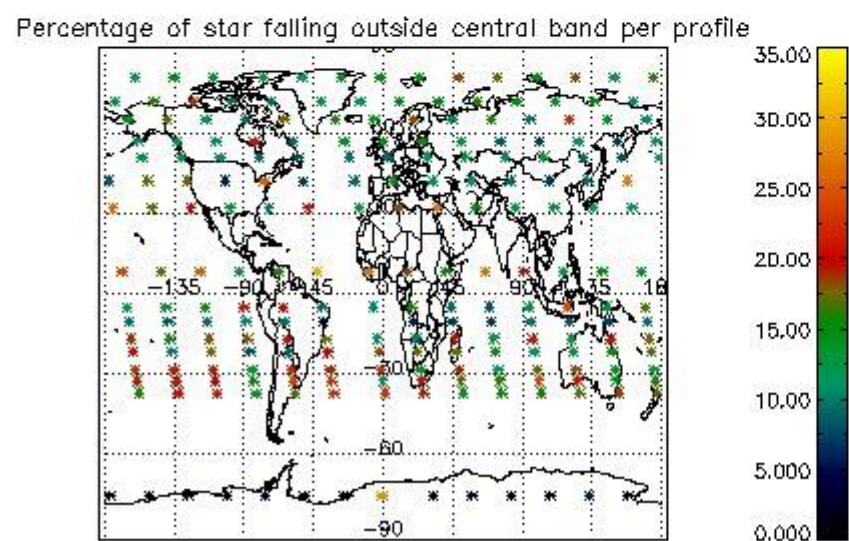
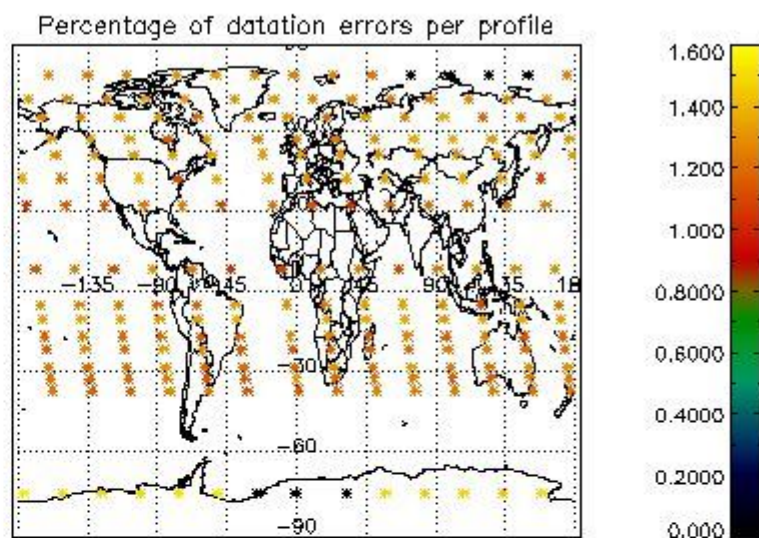
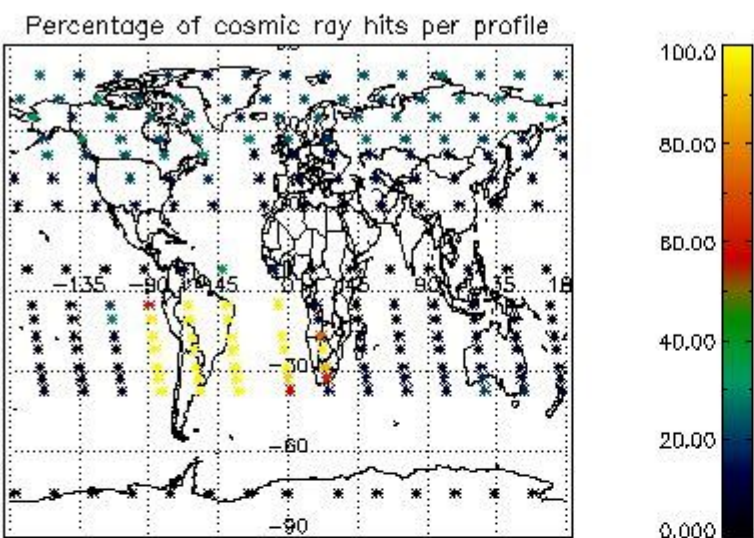
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes





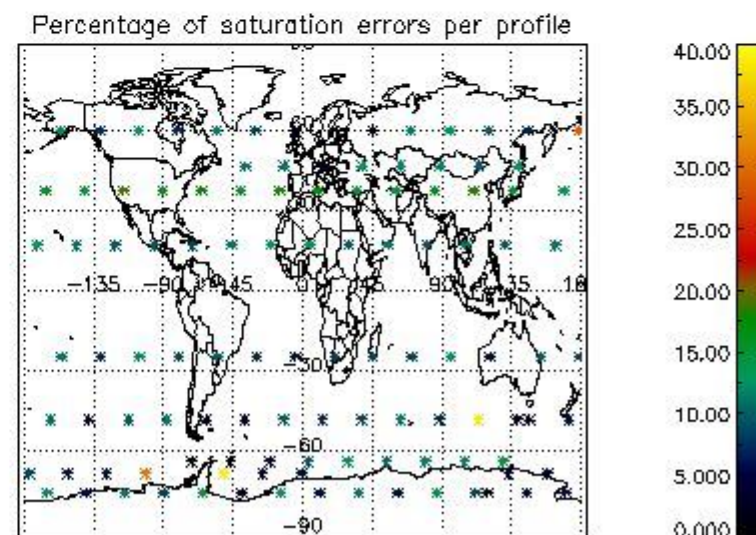
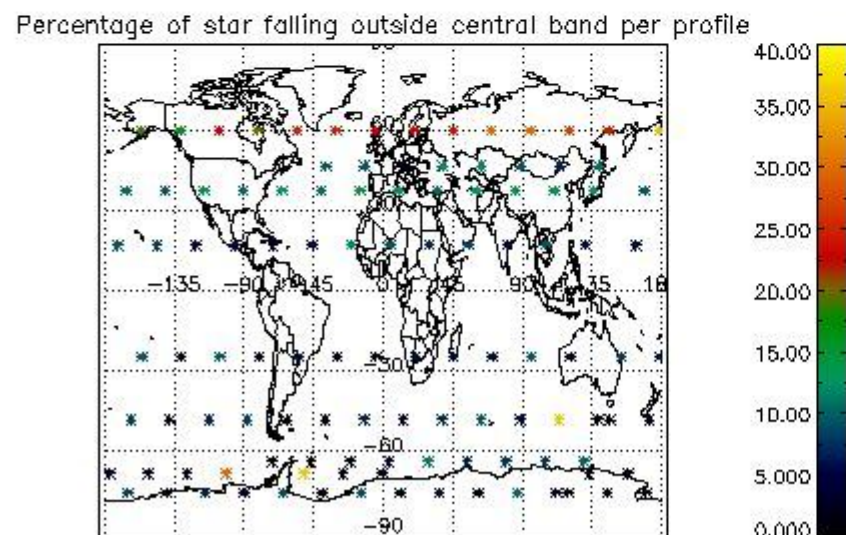
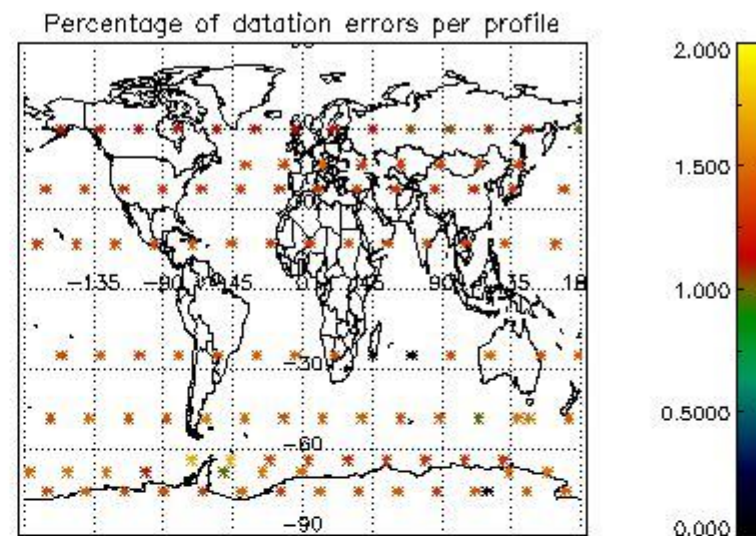
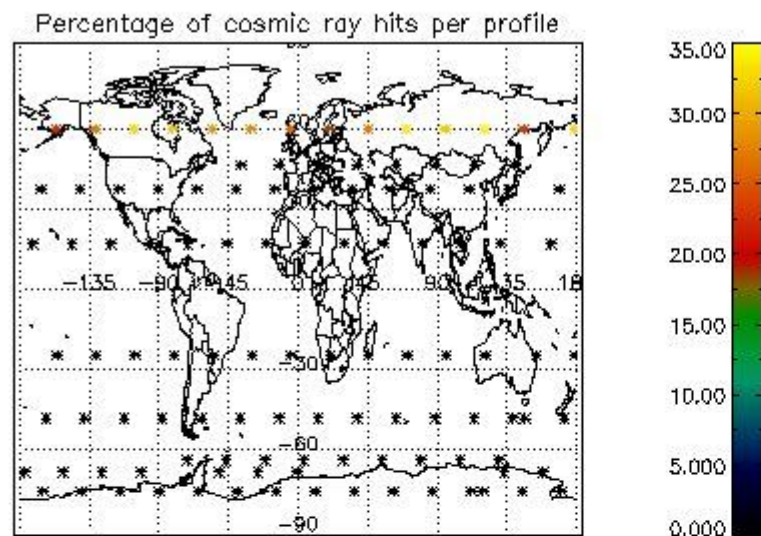
4.2 Plot quality information per product coming from level 1b processing (world map)

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



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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

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

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

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

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

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

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

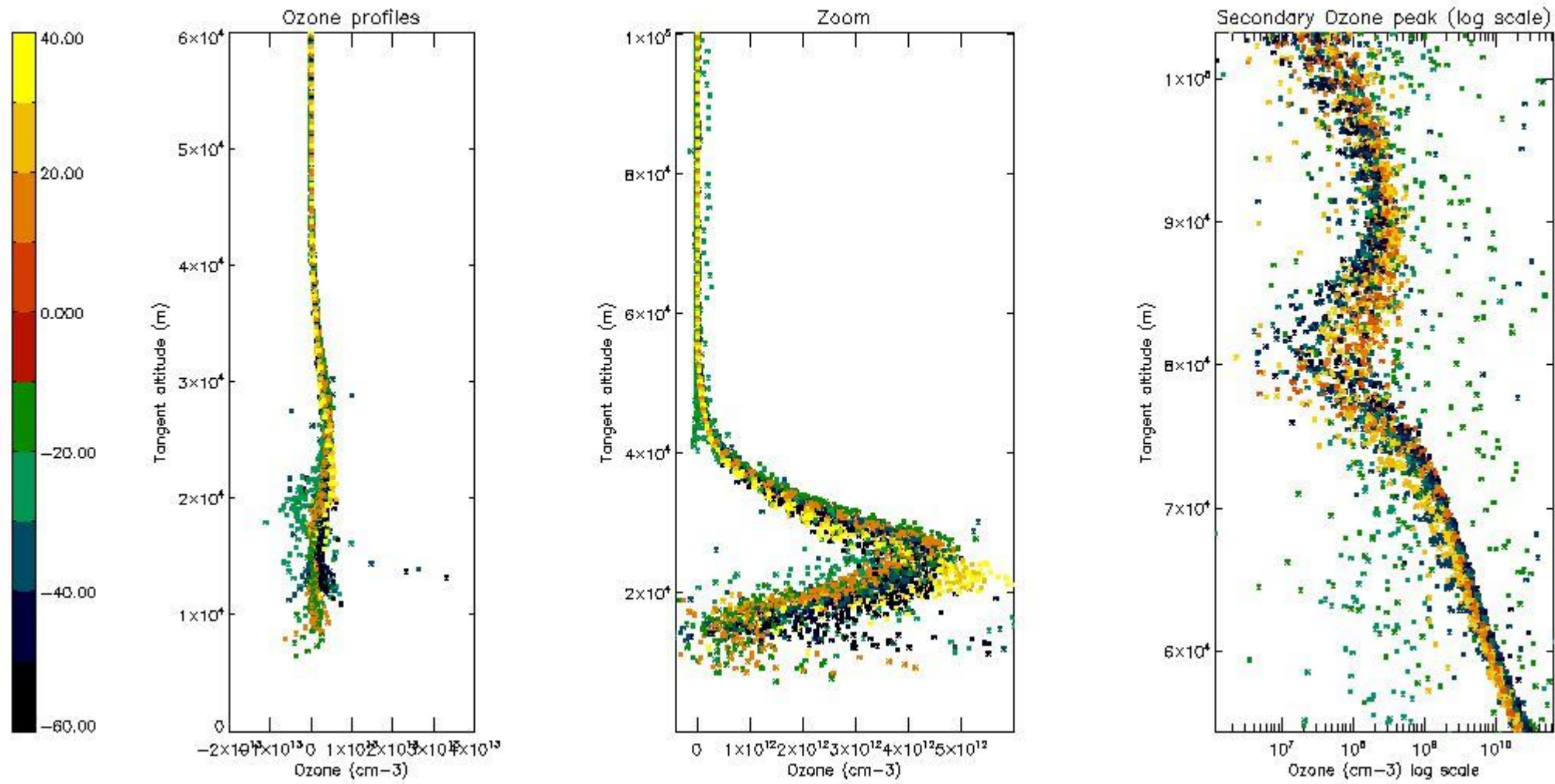
Criteria	% of total production
All STD	43
STD < 20	22



STD < 10	18
STD < 5	10

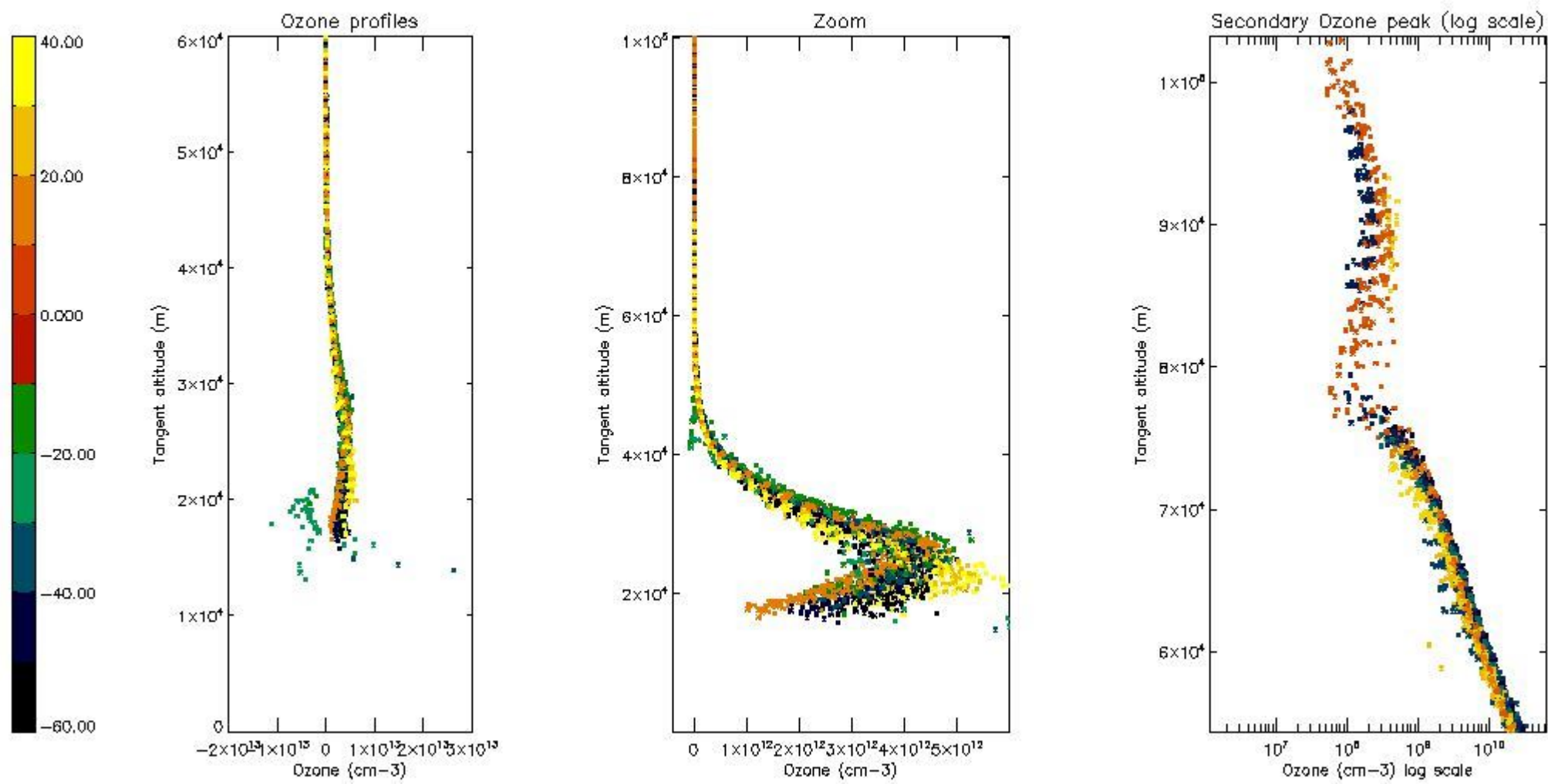
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



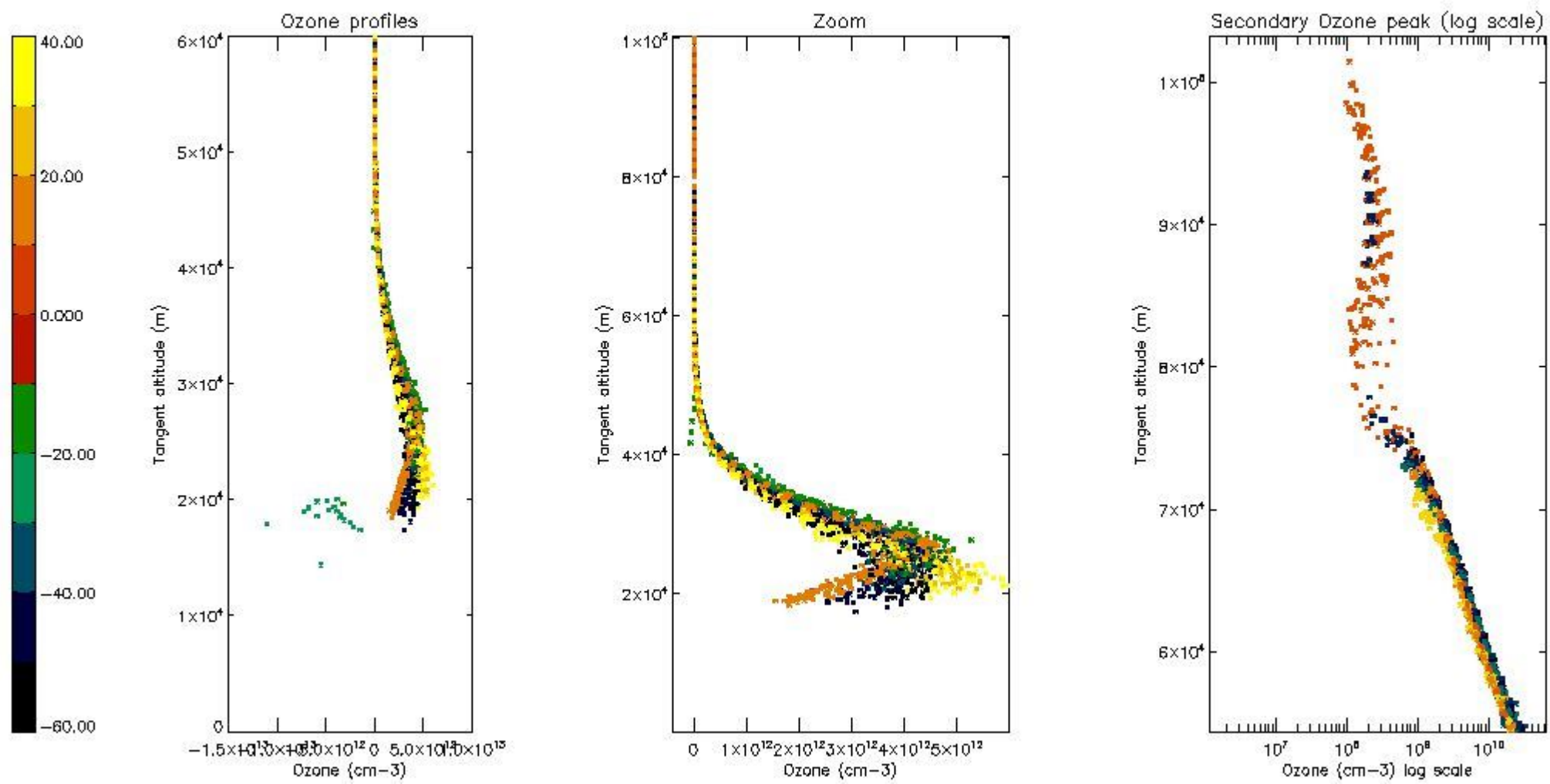
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



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

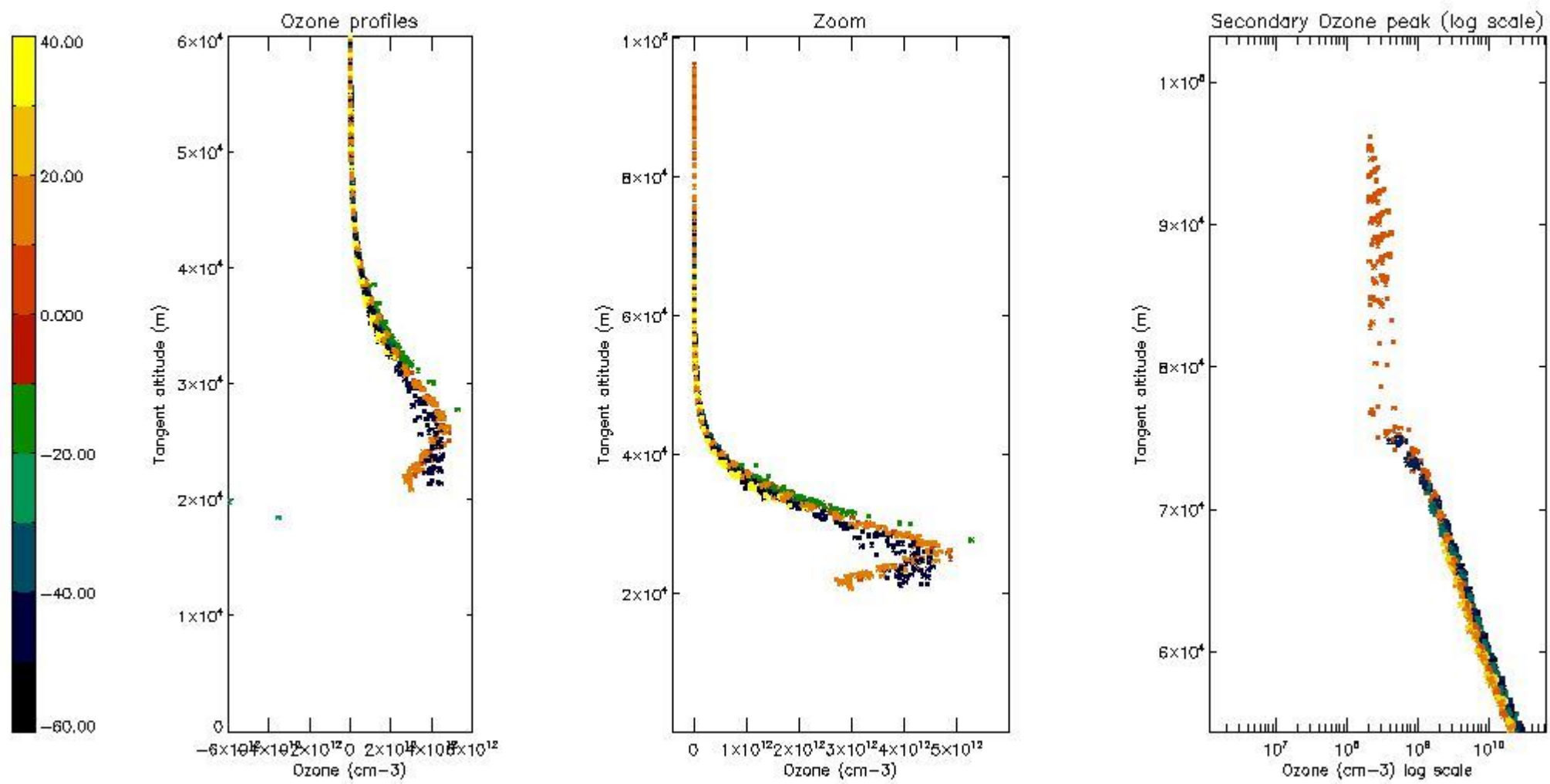
The colorbar represents the latitude.



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

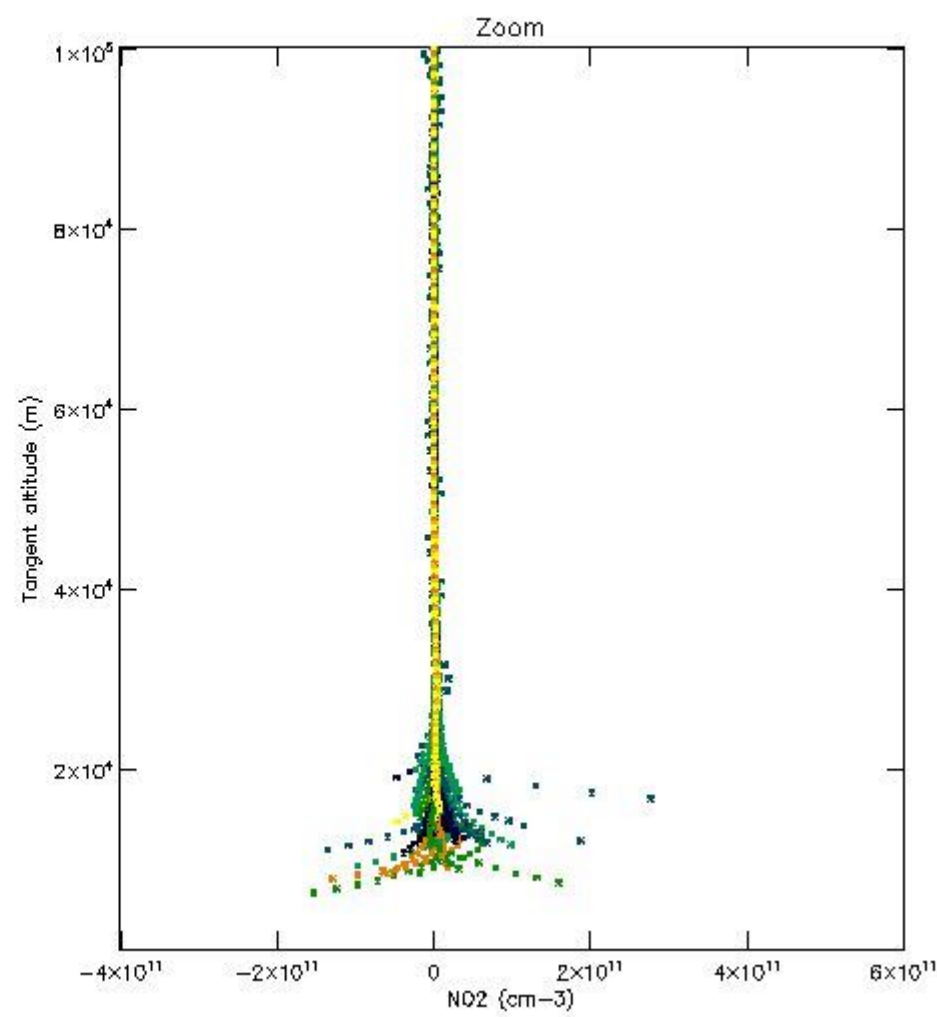
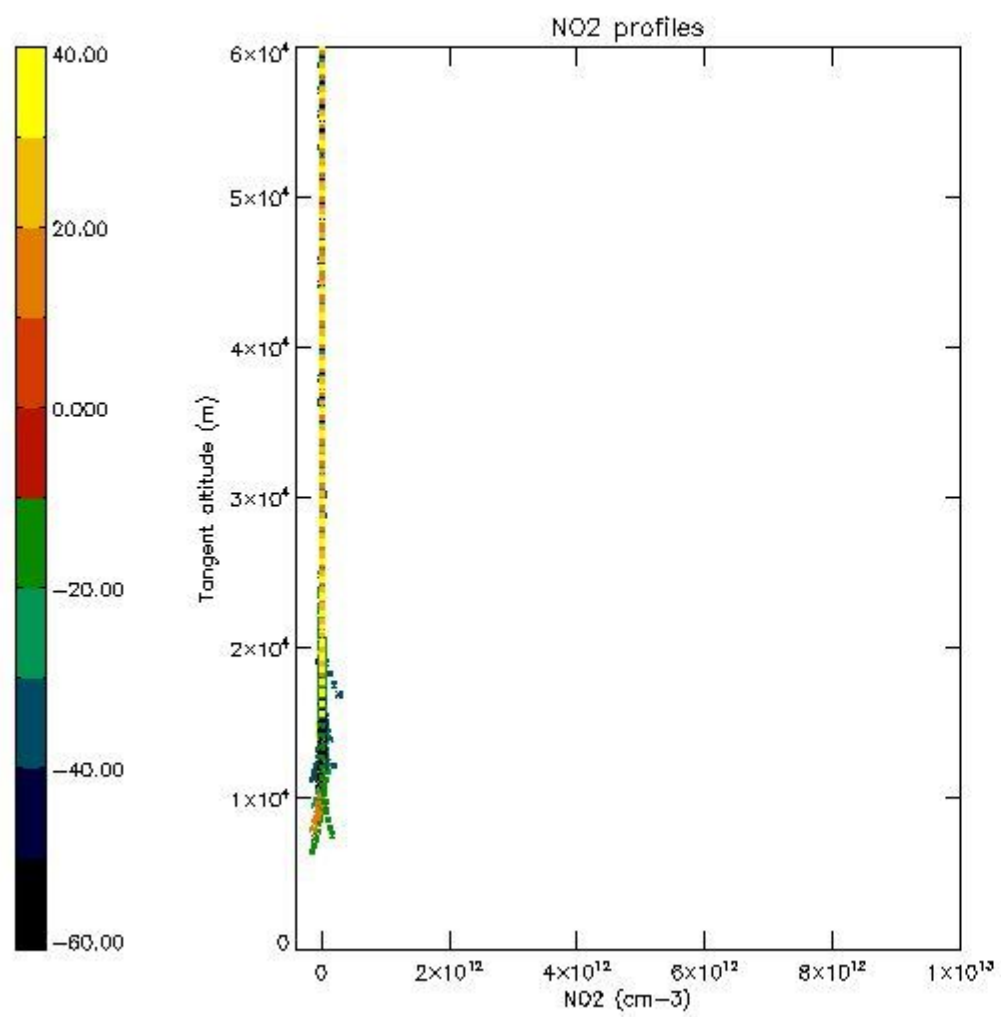
The colorbar represents the latitude.





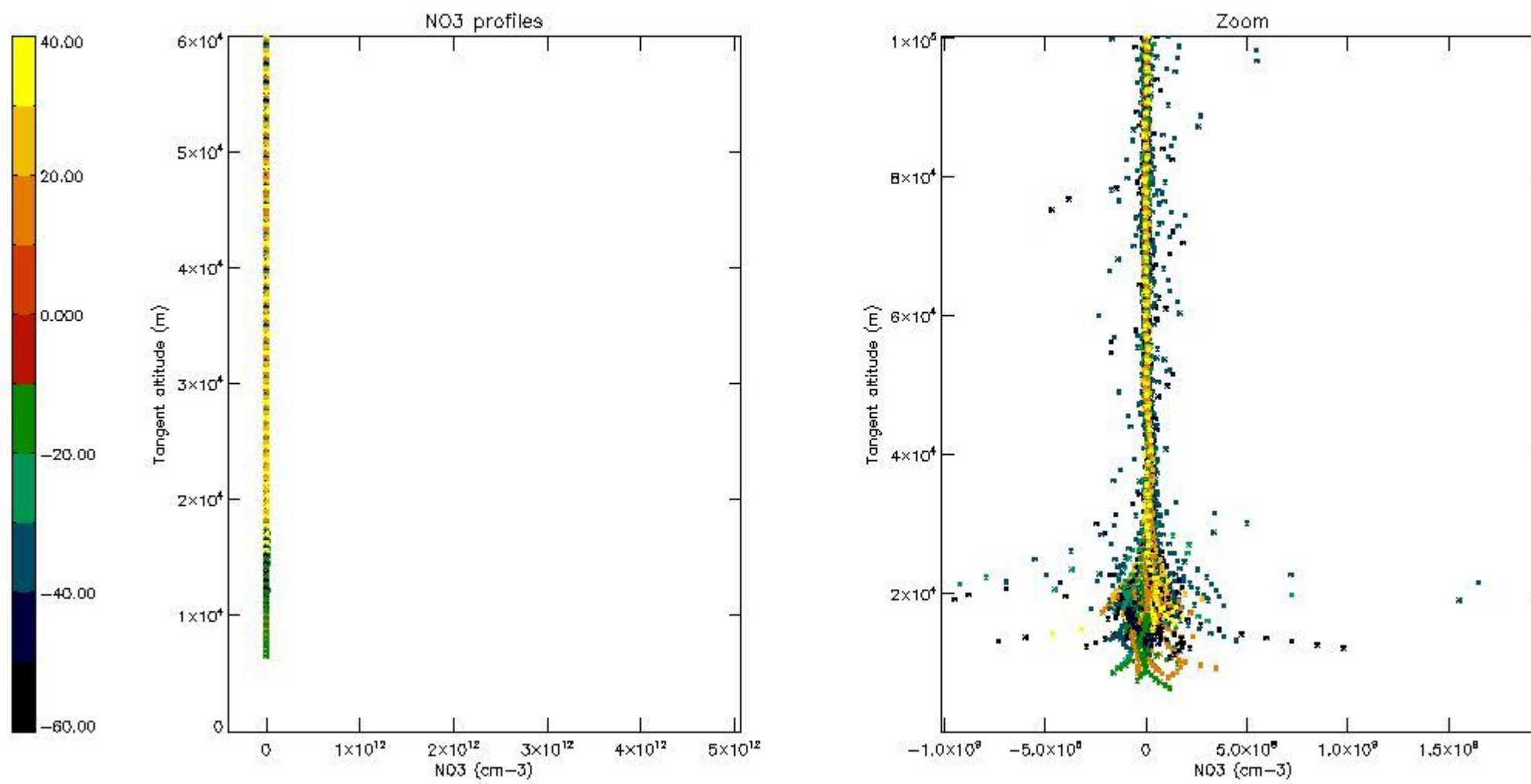
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

The colorbar represents the latitude.

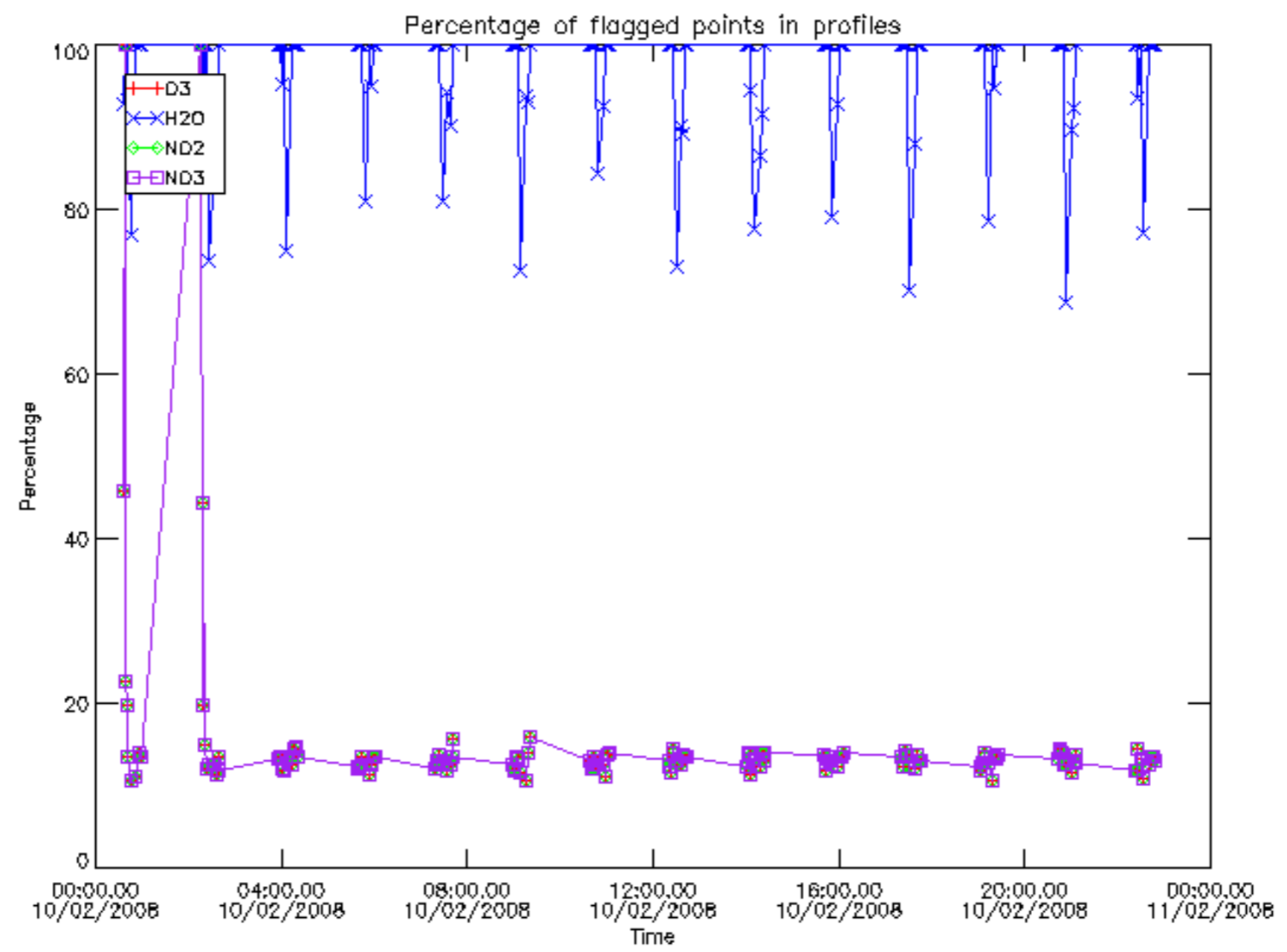


## 6. Auxiliary Data Files used for the production reported in section 2

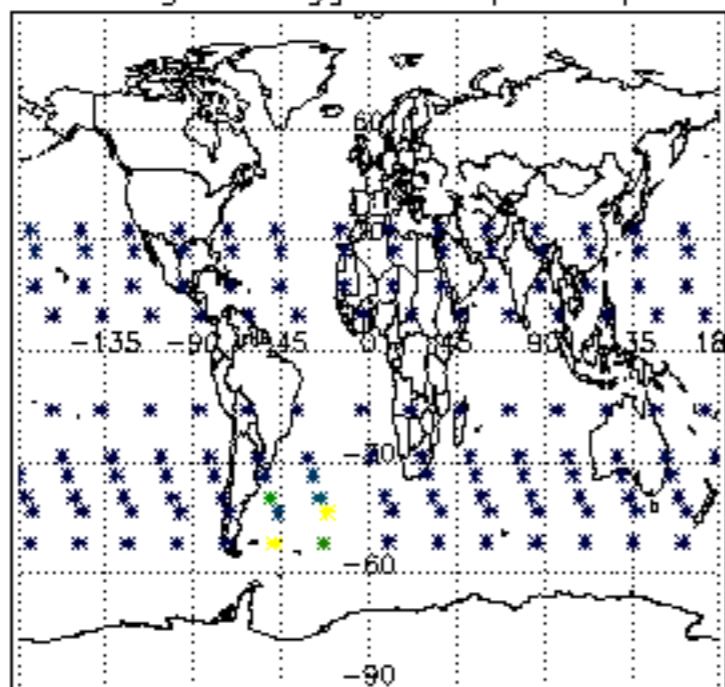
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	10-FEB-2008 00:06:31
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	10-FEB-2008 00:06:31
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	10-FEB-2008 00:06:31

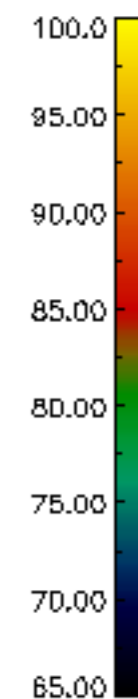
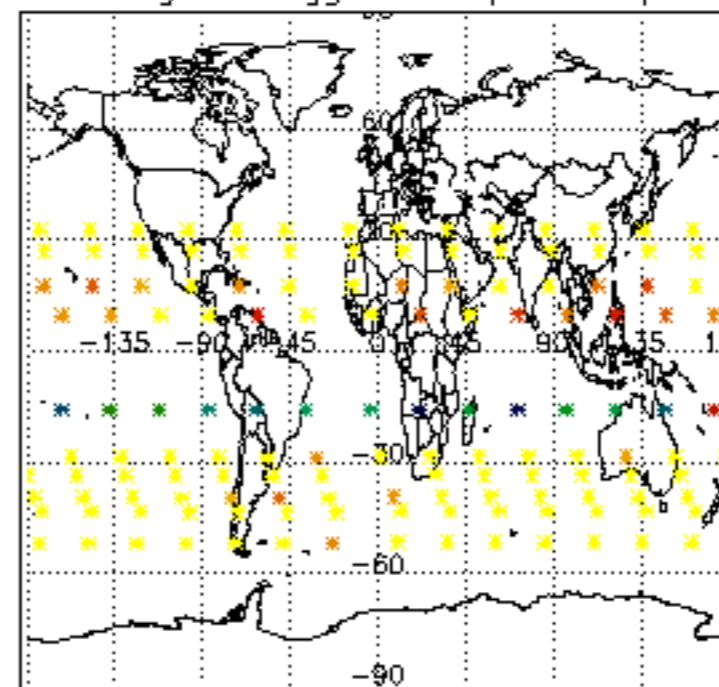




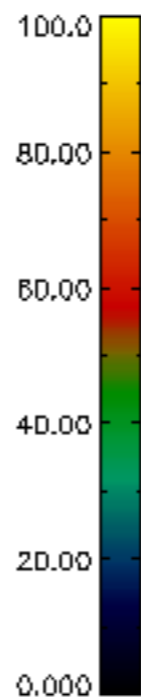
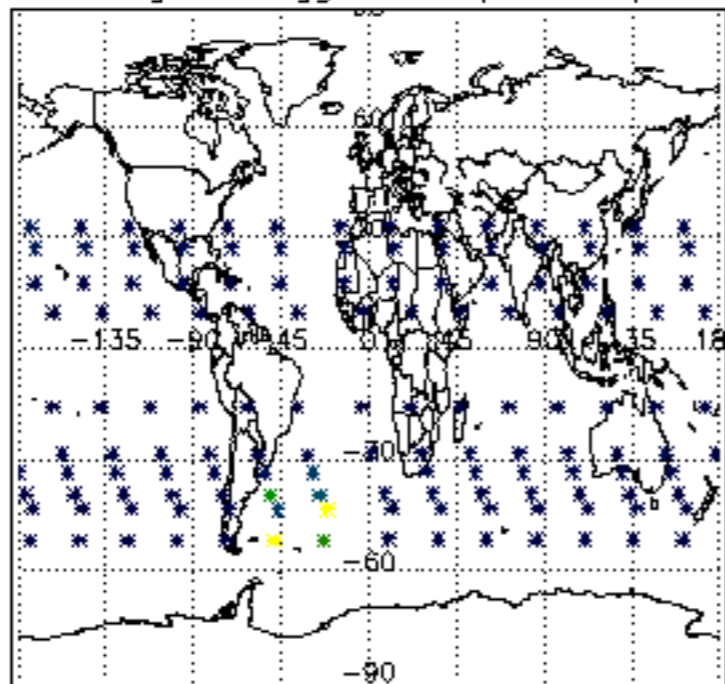
Percentage of flagged data per D3 profile



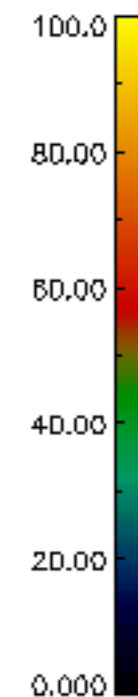
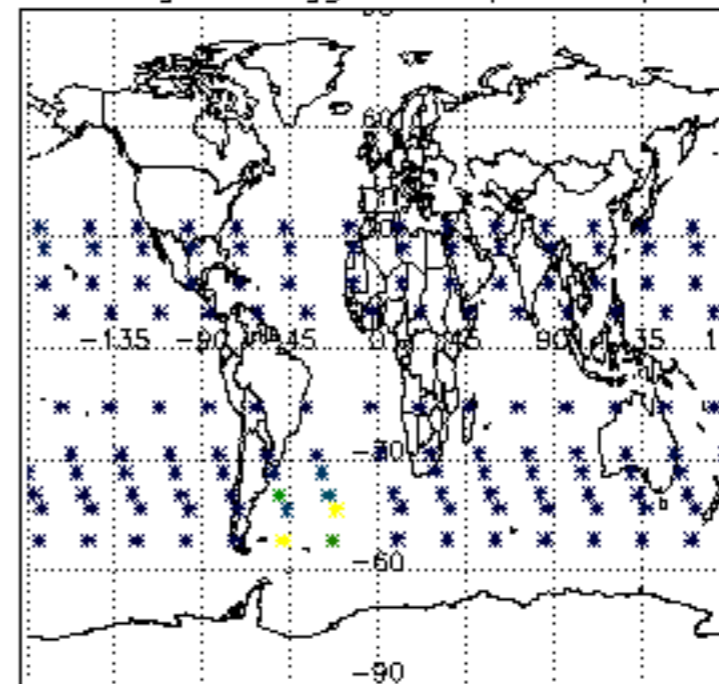
Percentage of flagged data per H2O profile

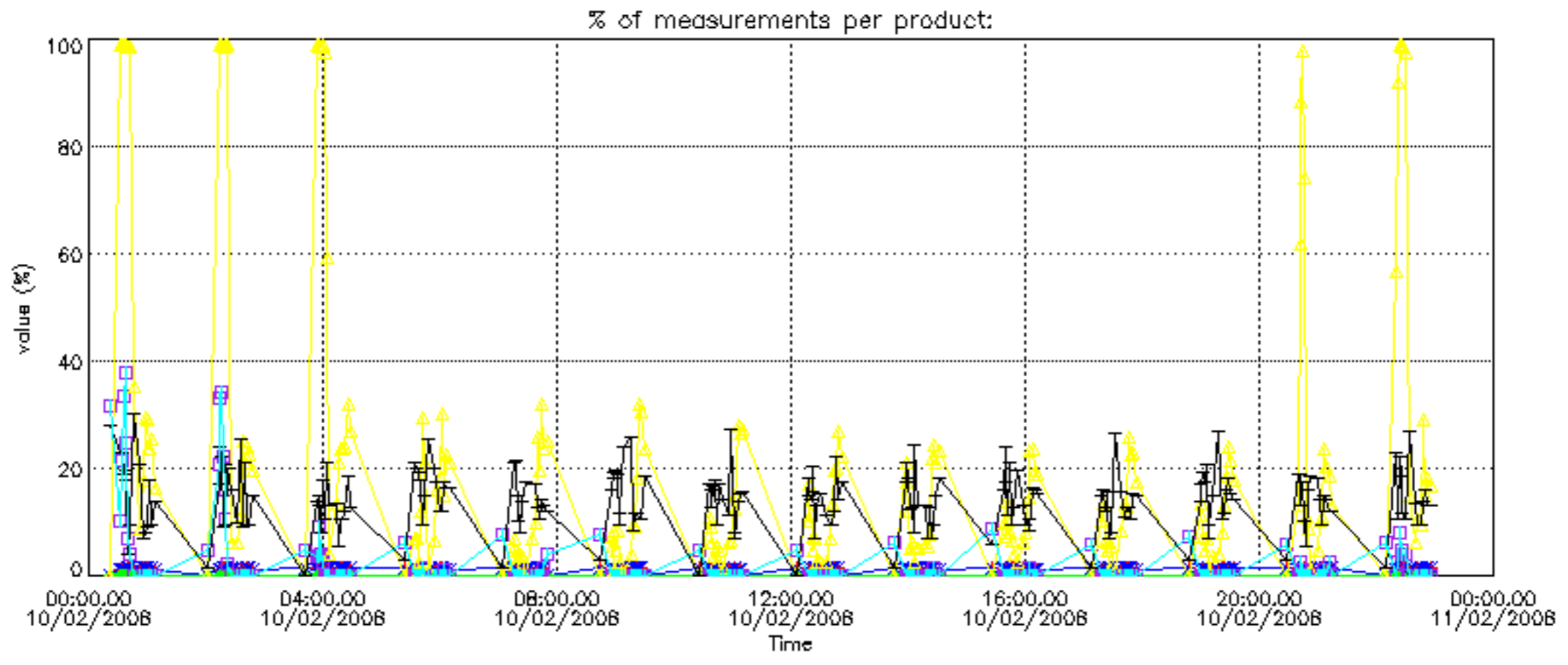


Percentage of flagged data per NO2 profile

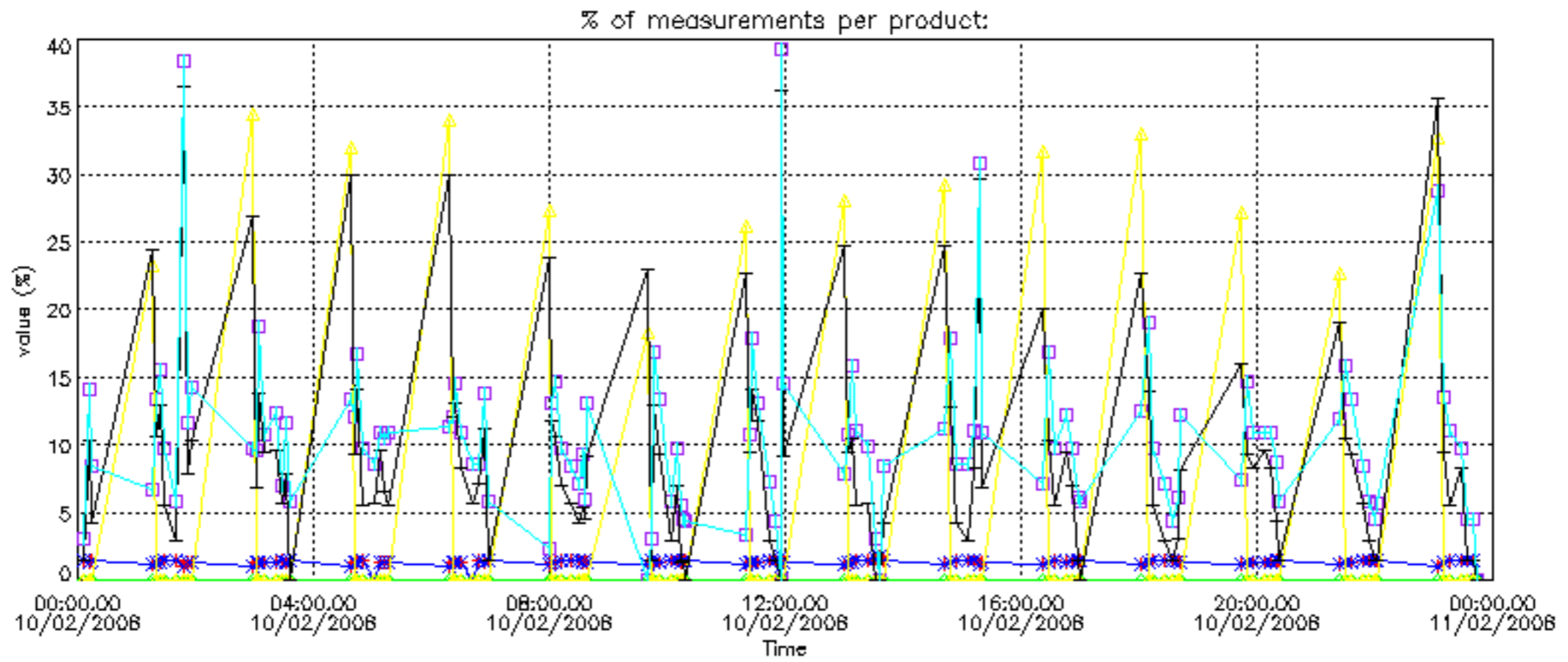


Percentage of flagged data per NO3 profile

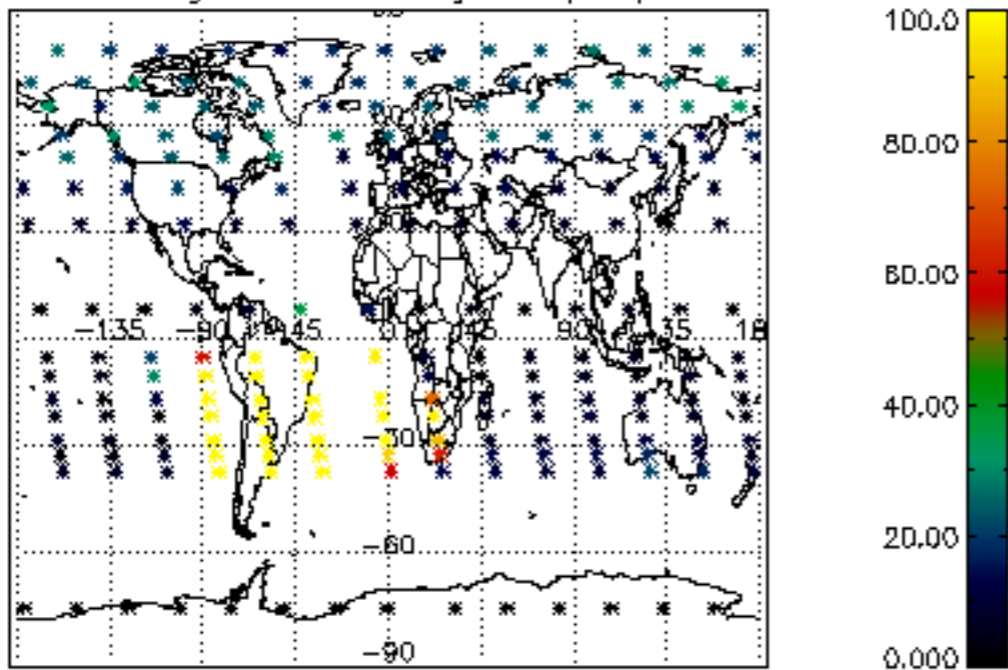




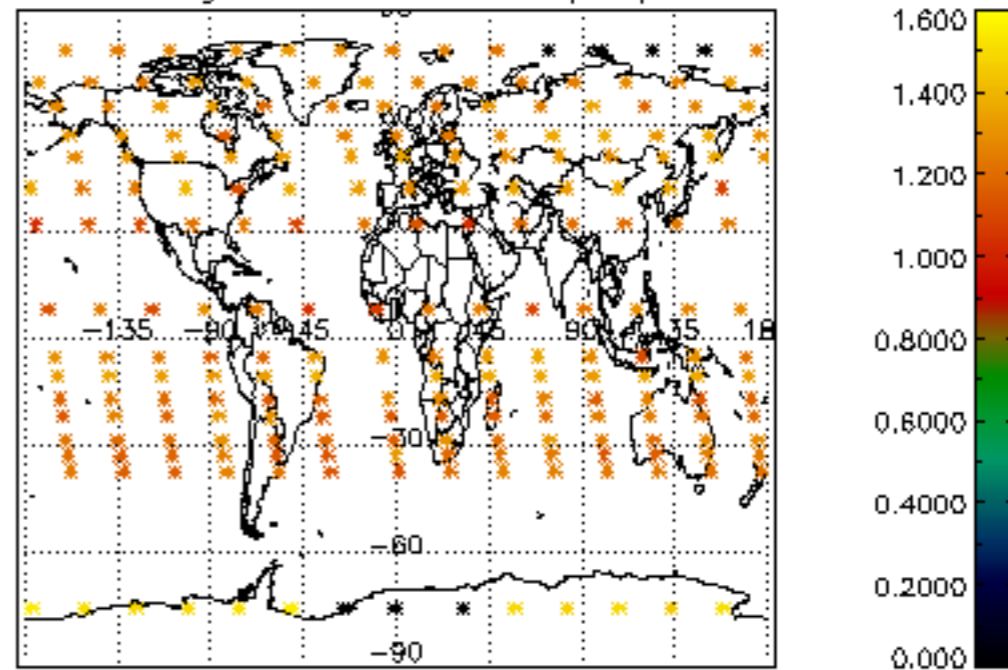




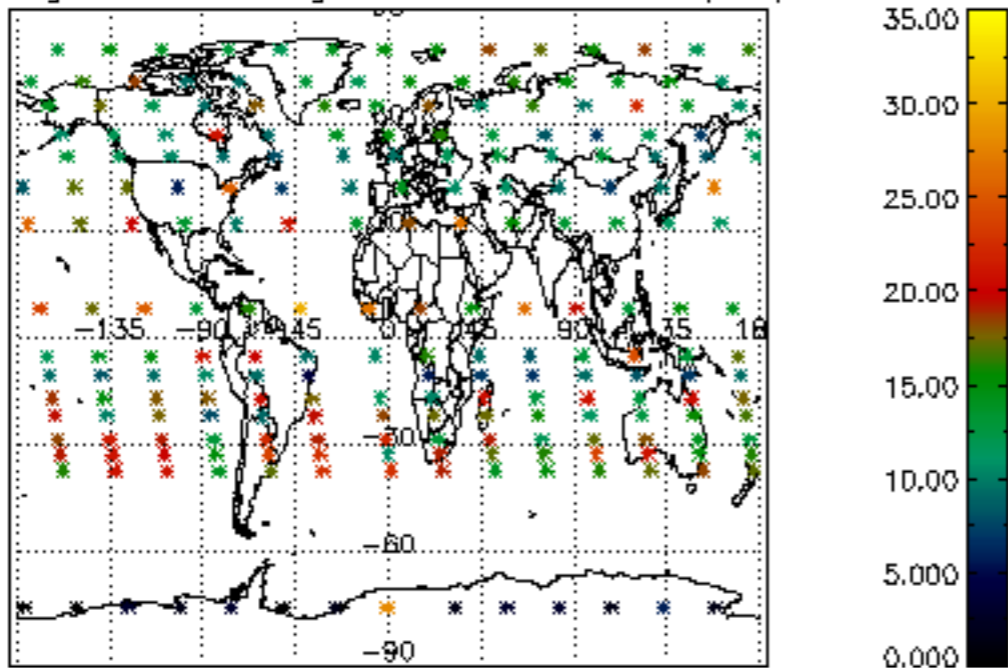
Percentage of cosmic ray hits per profile



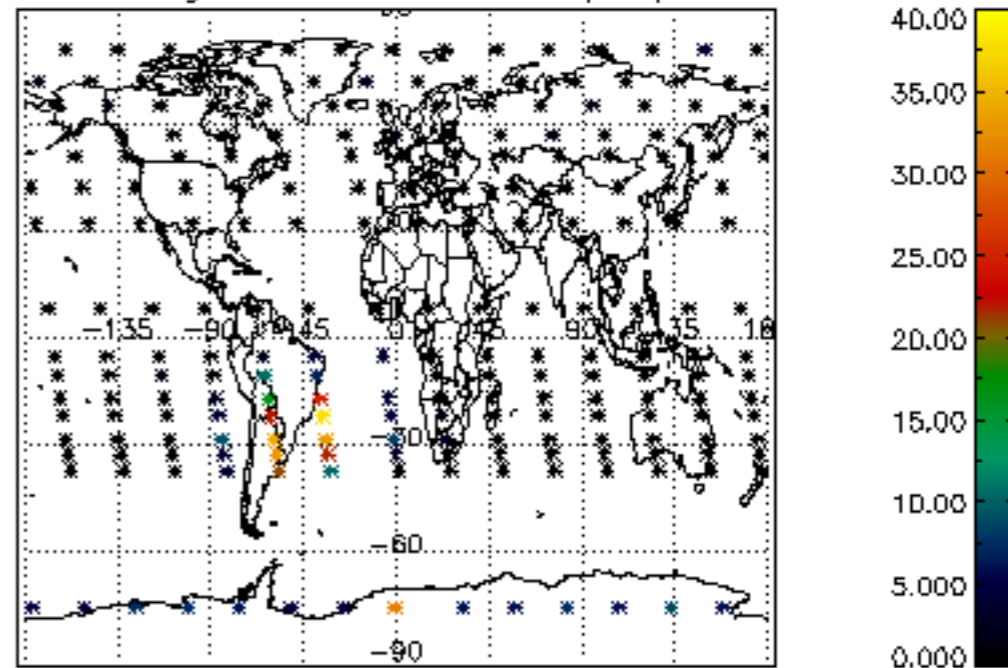
Percentage of datation errors per profile



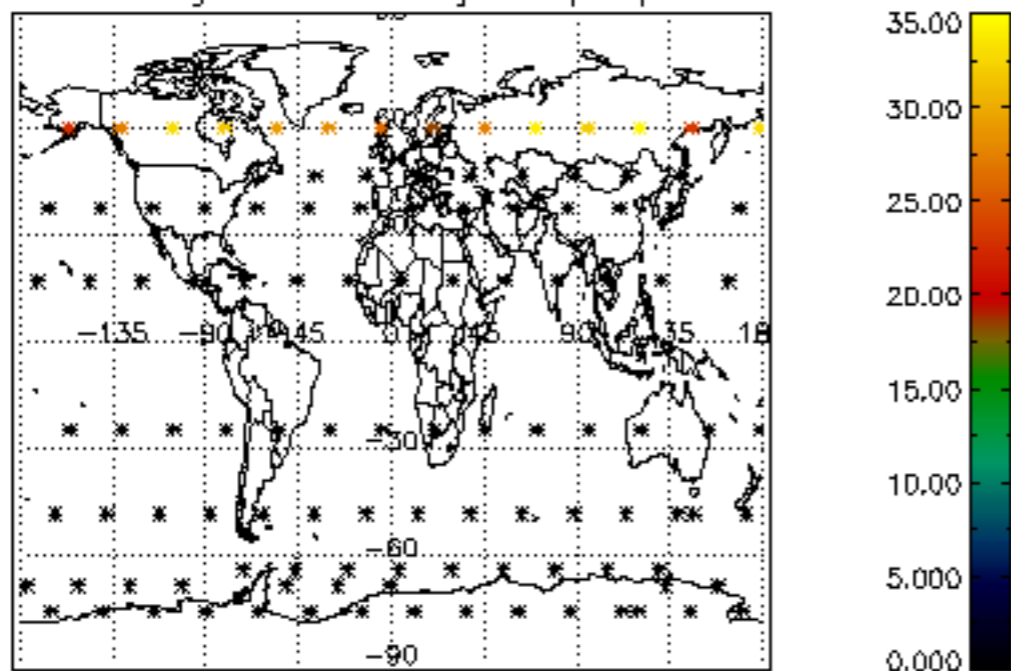
Percentage of star falling outside central band per profile



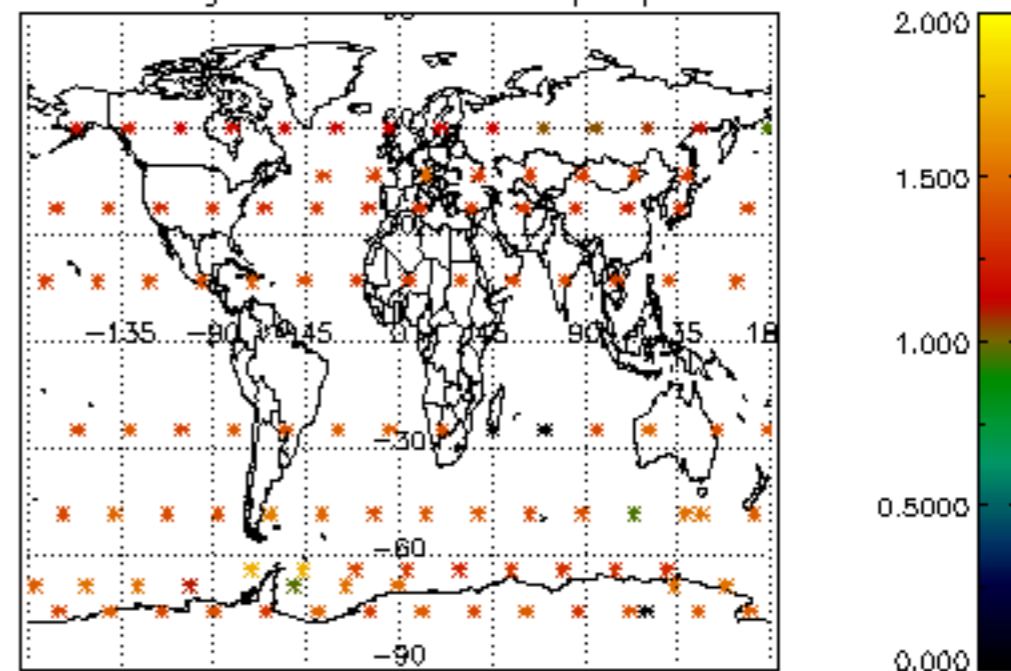
Percentage of saturation errors per profile



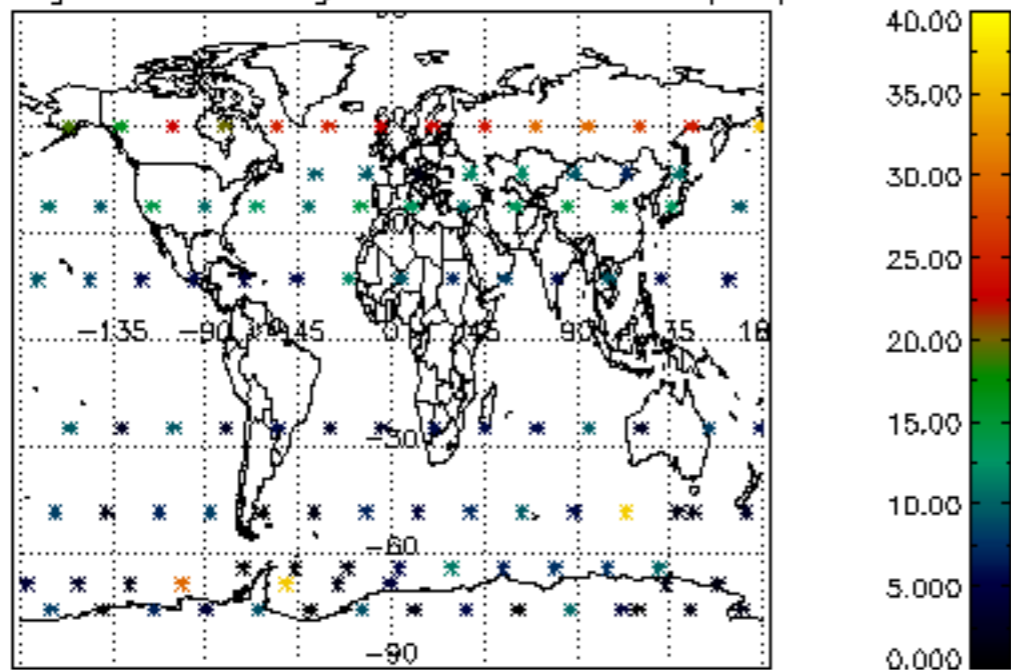
Percentage of cosmic ray hits per profile



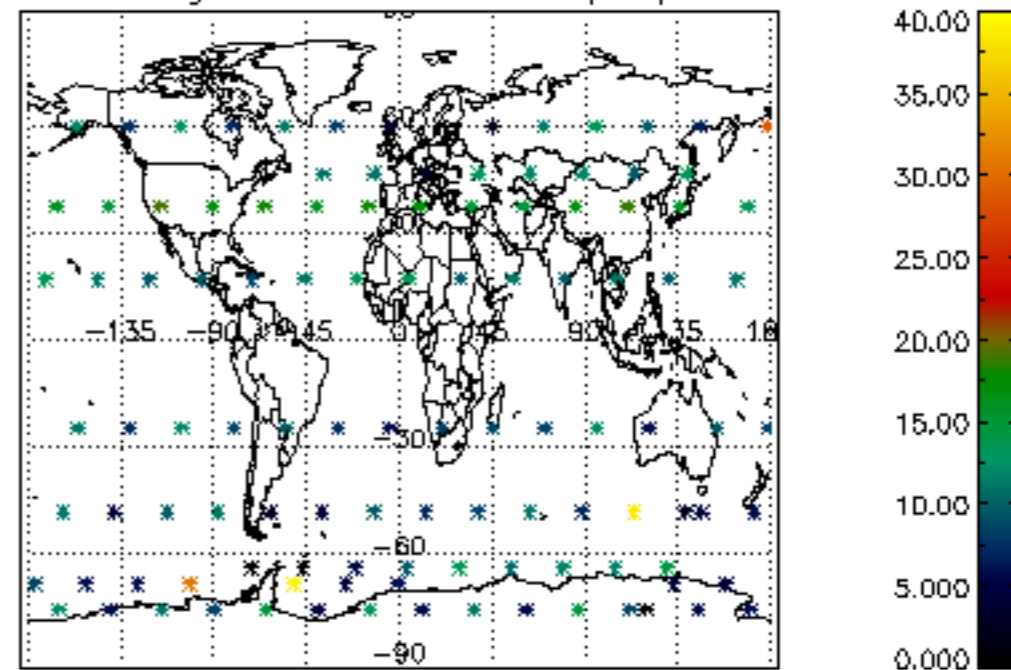
Percentage of datation errors per profile



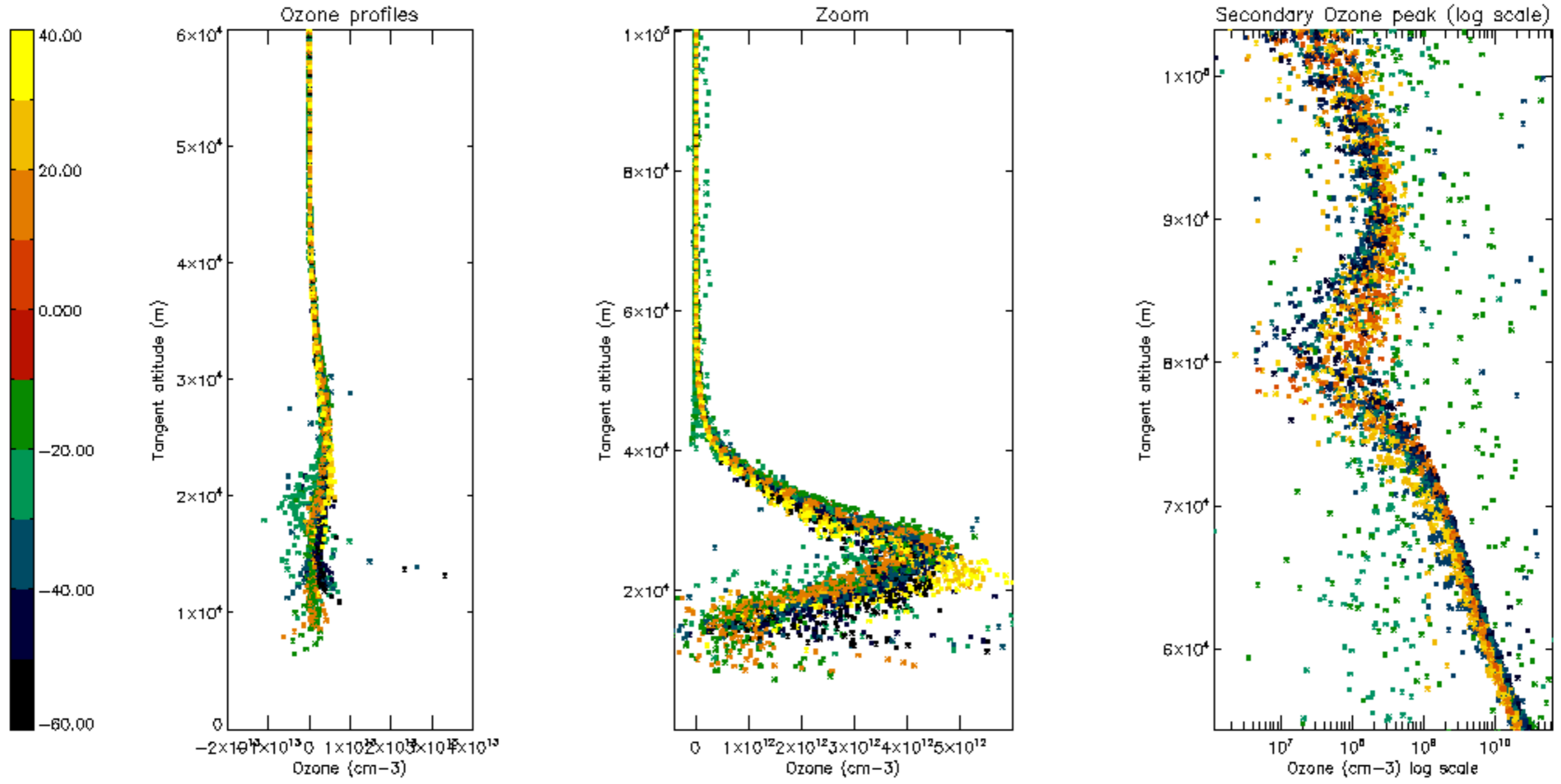
Percentage of star falling outside central band per profile

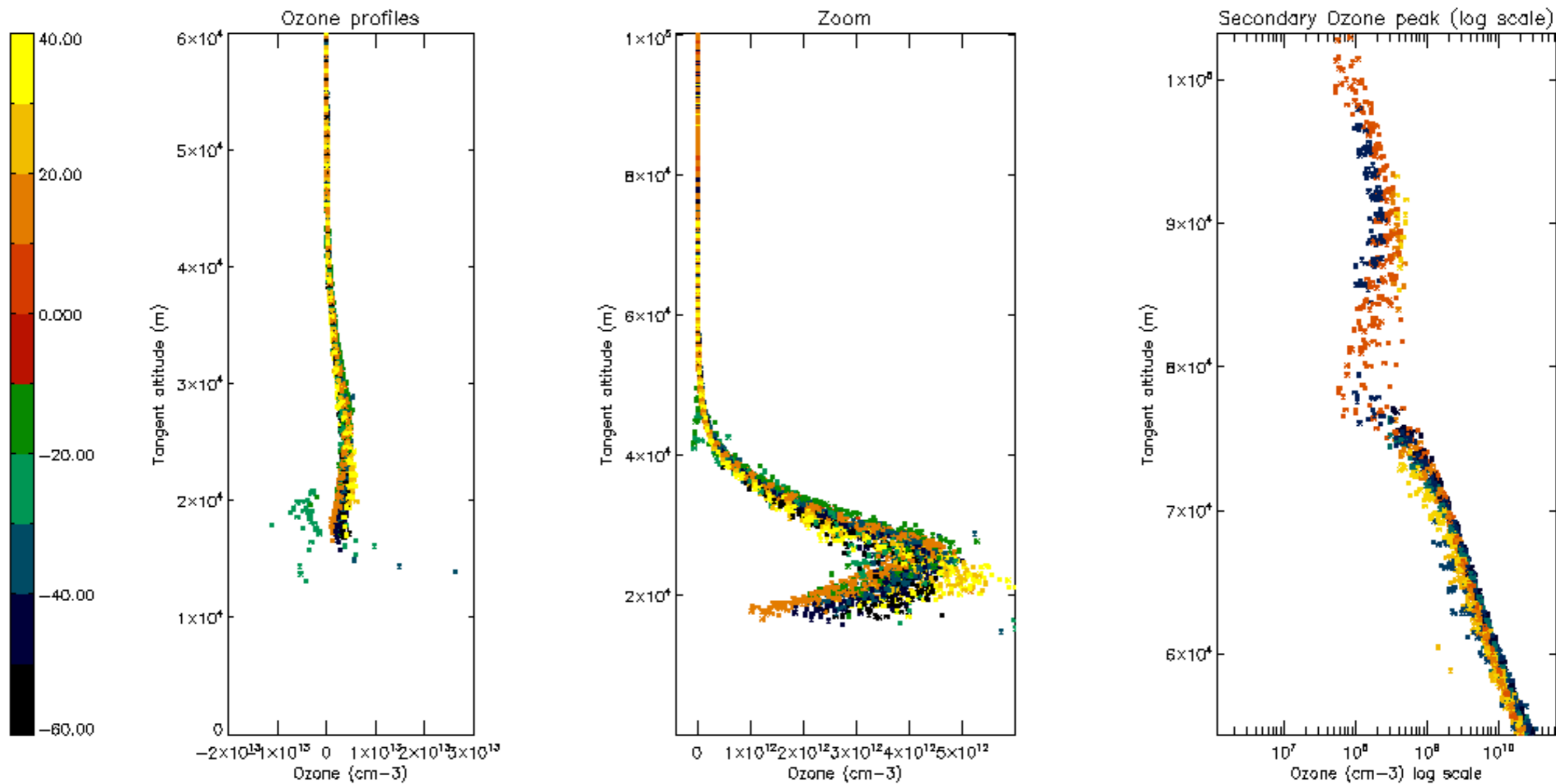


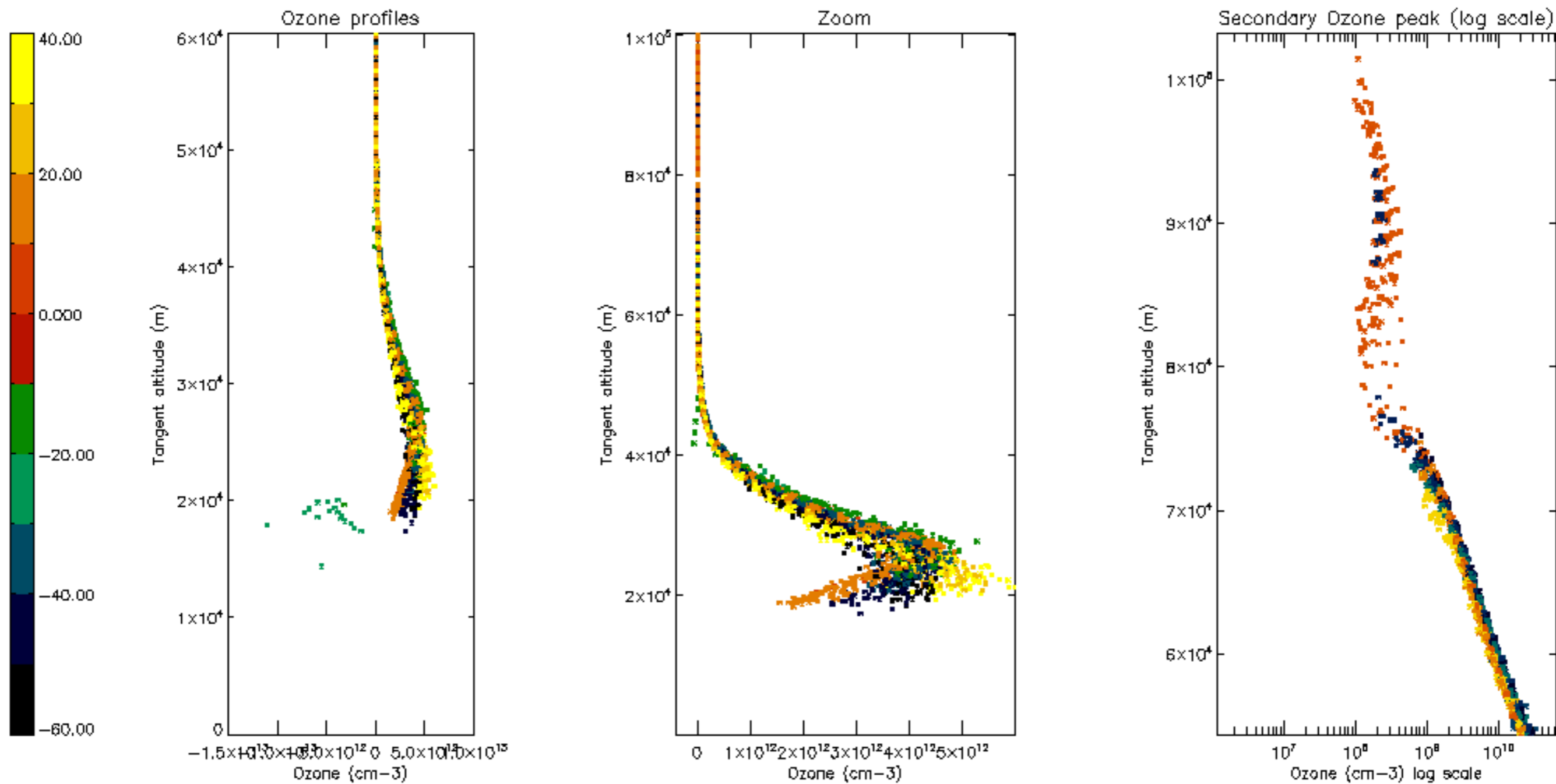
Percentage of saturation errors per profile



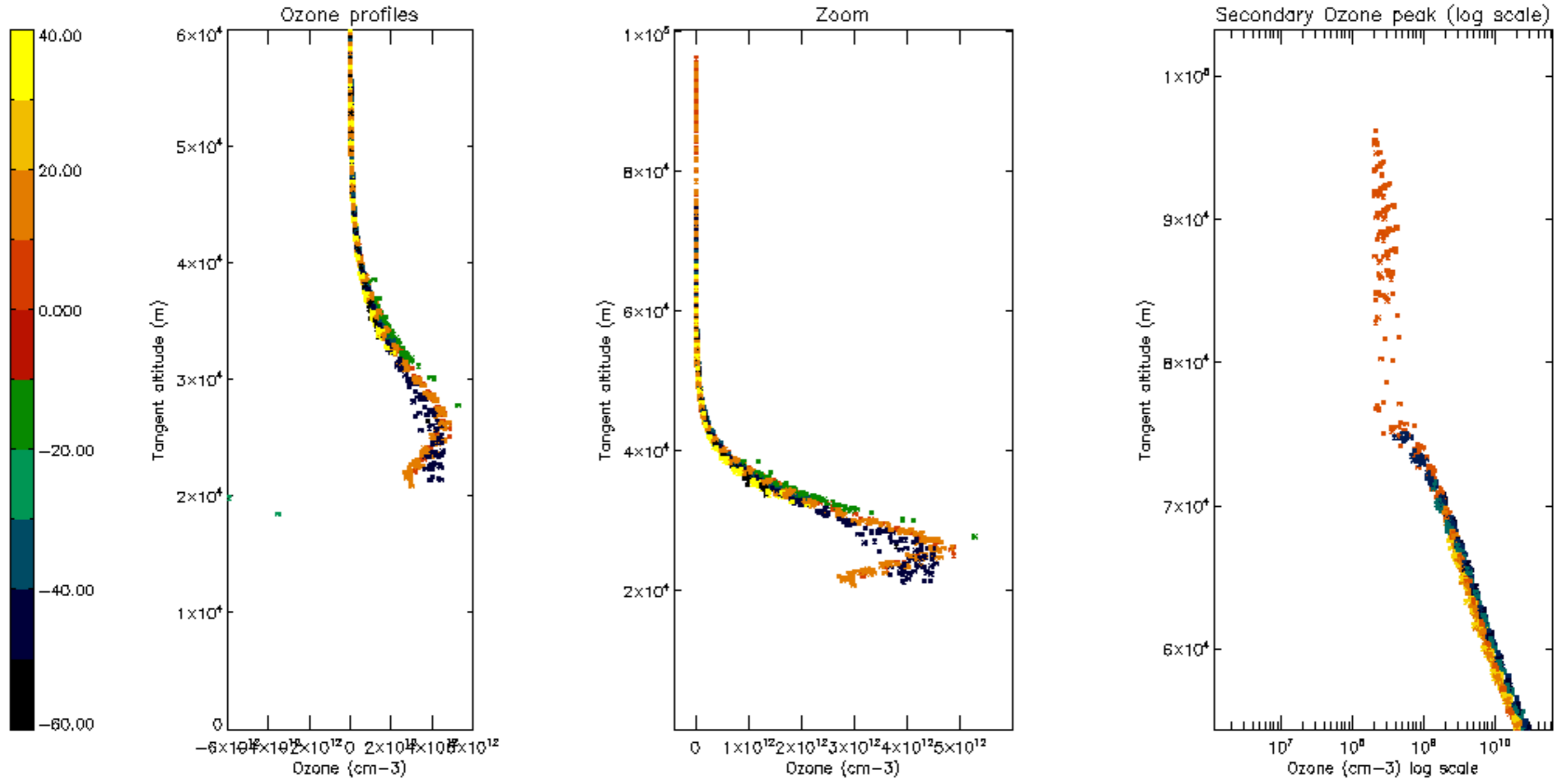


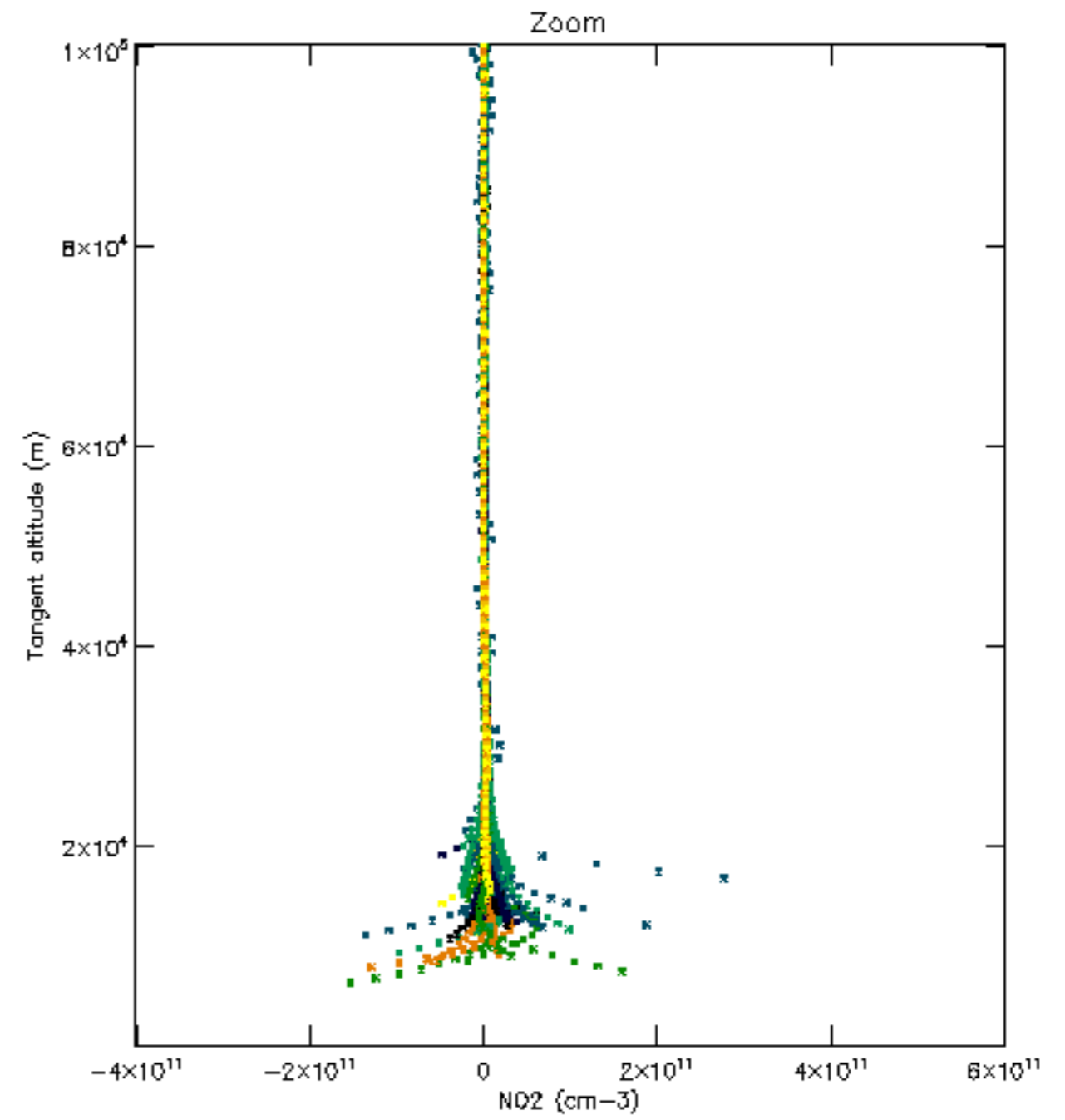
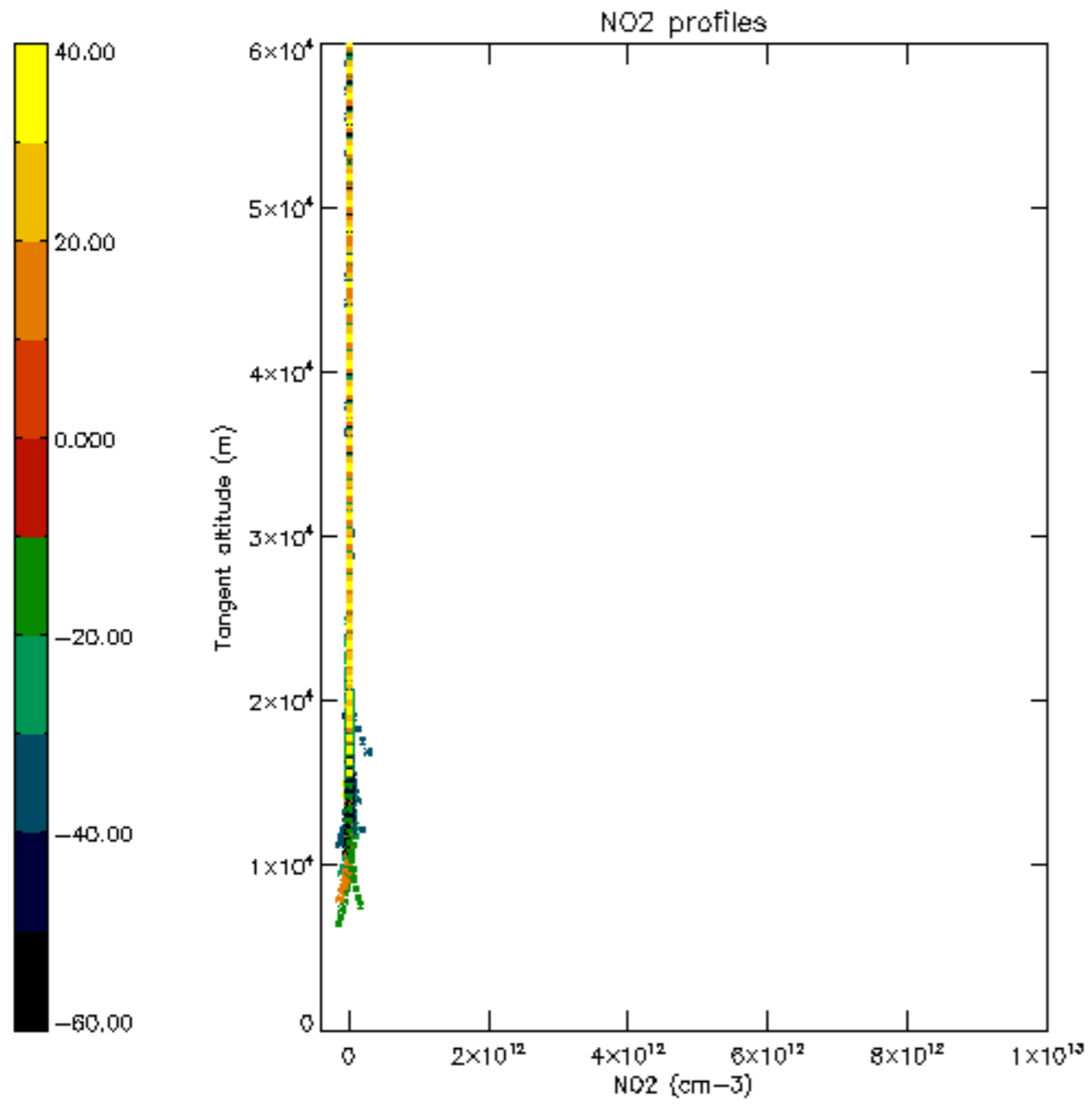


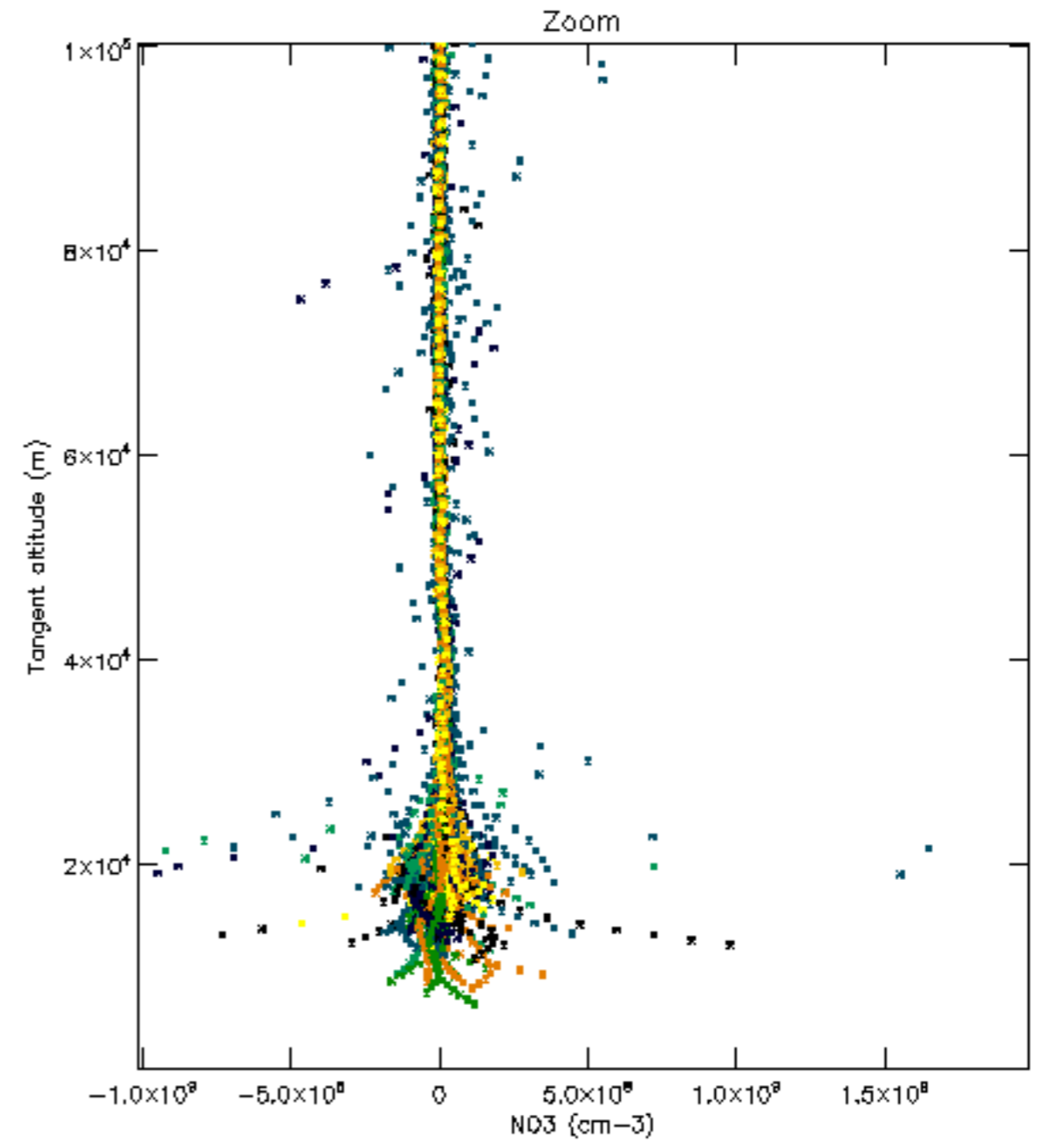
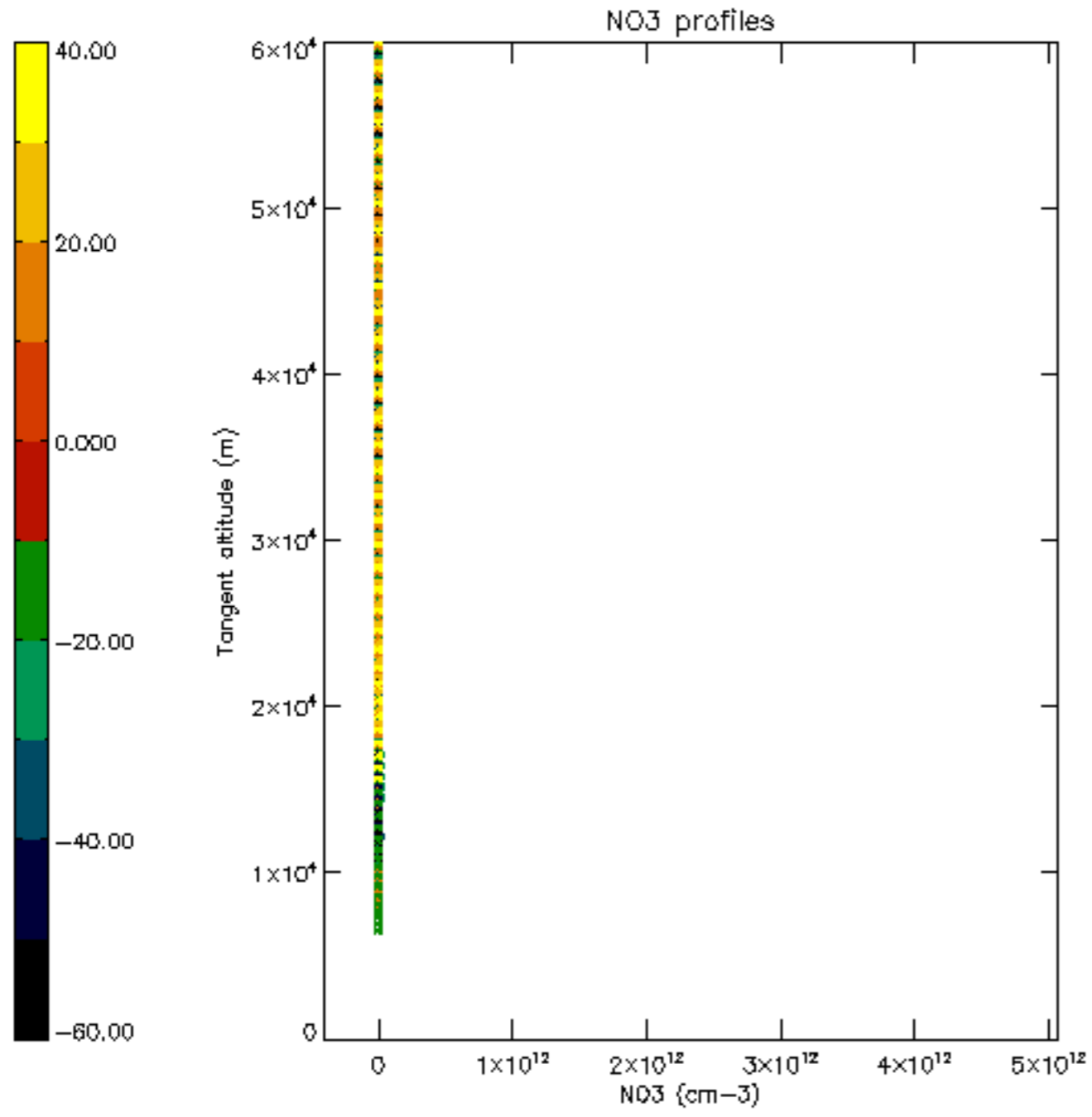




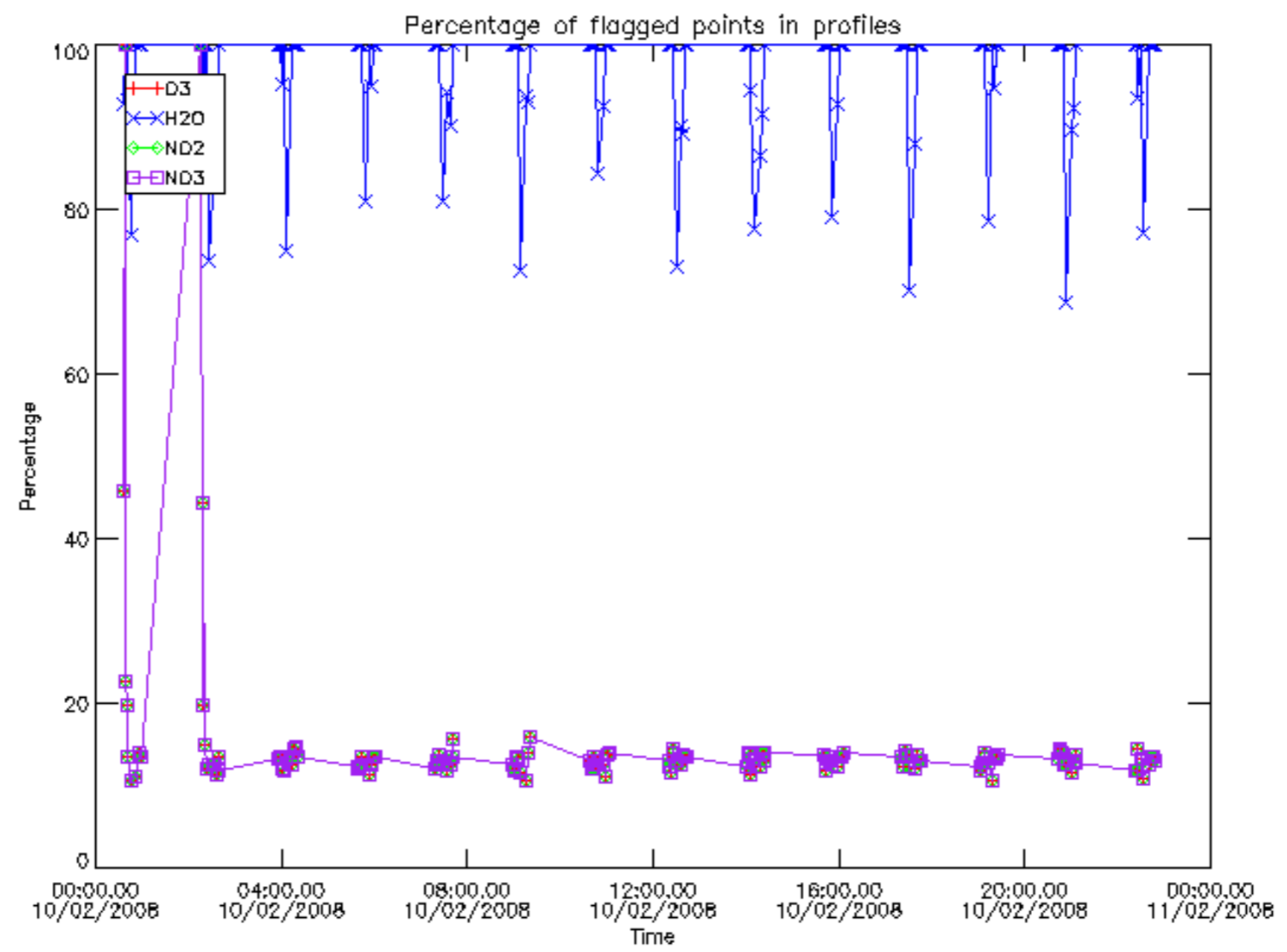




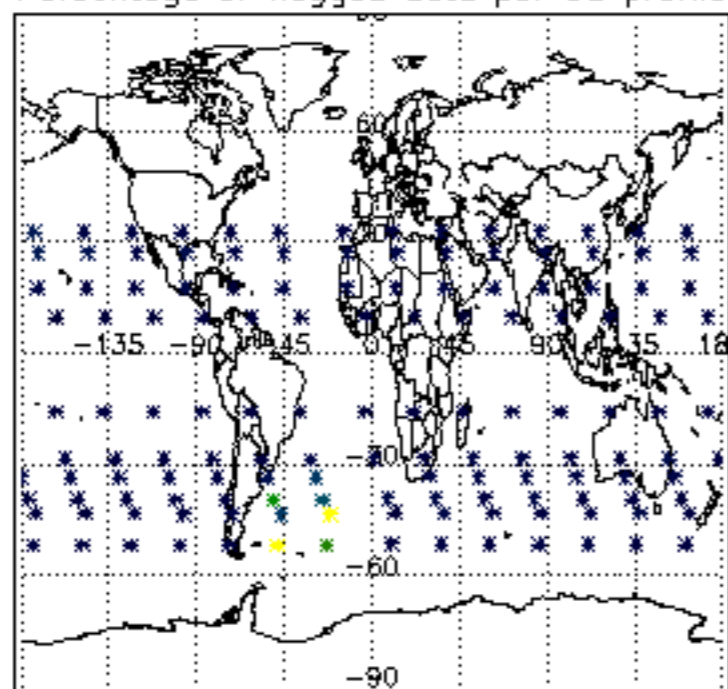




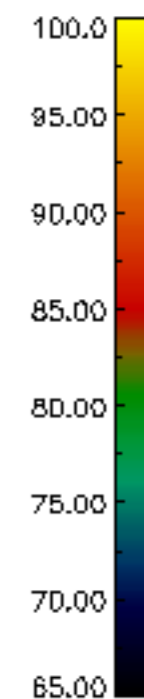
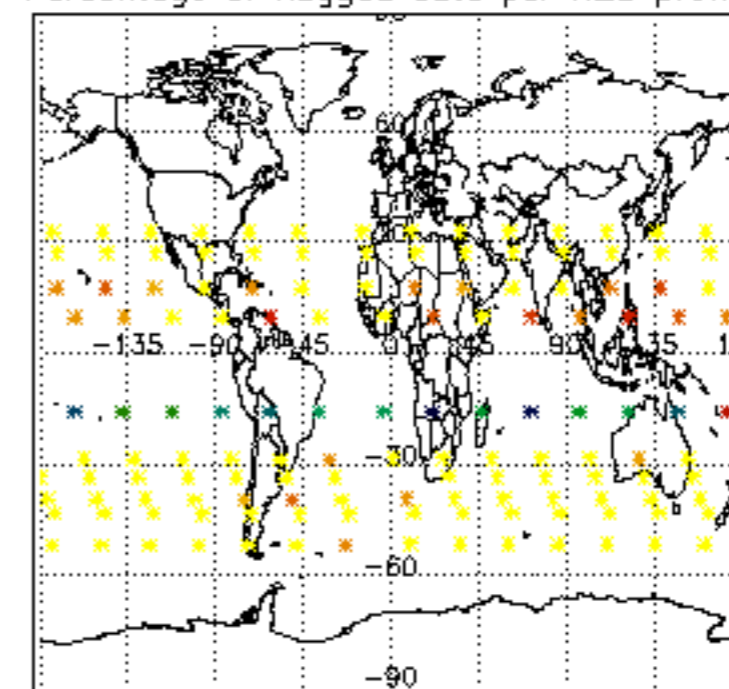




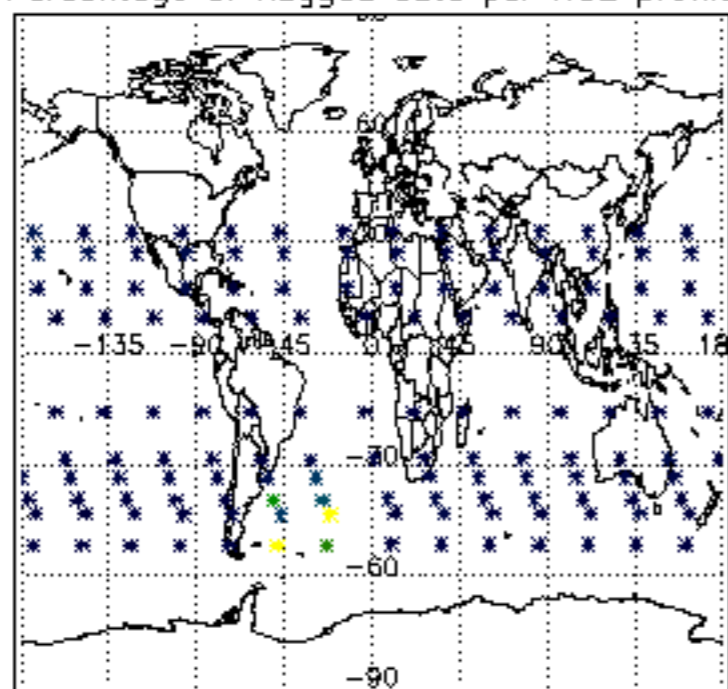
Percentage of flagged data per D3 profile



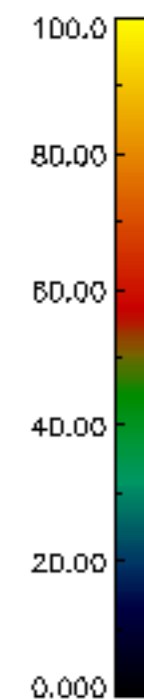
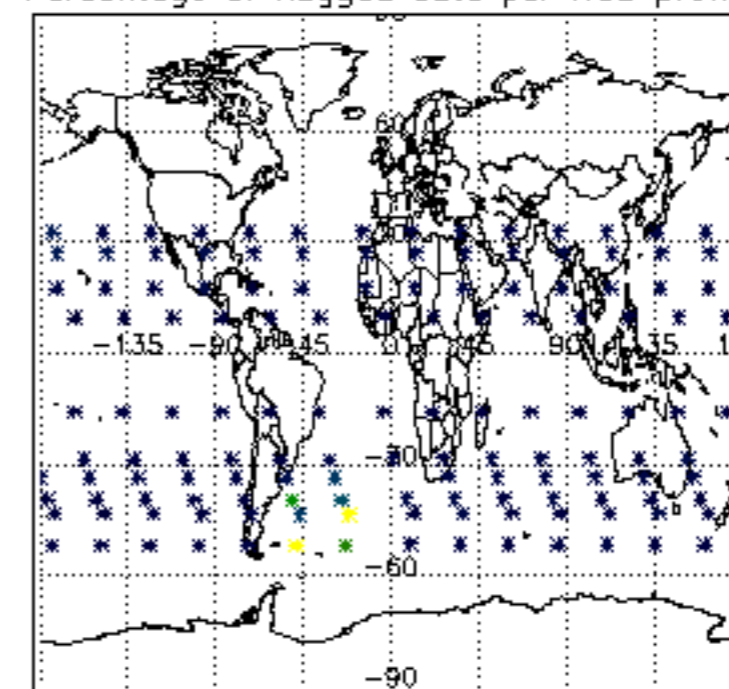
Percentage of flagged data per H2O profile

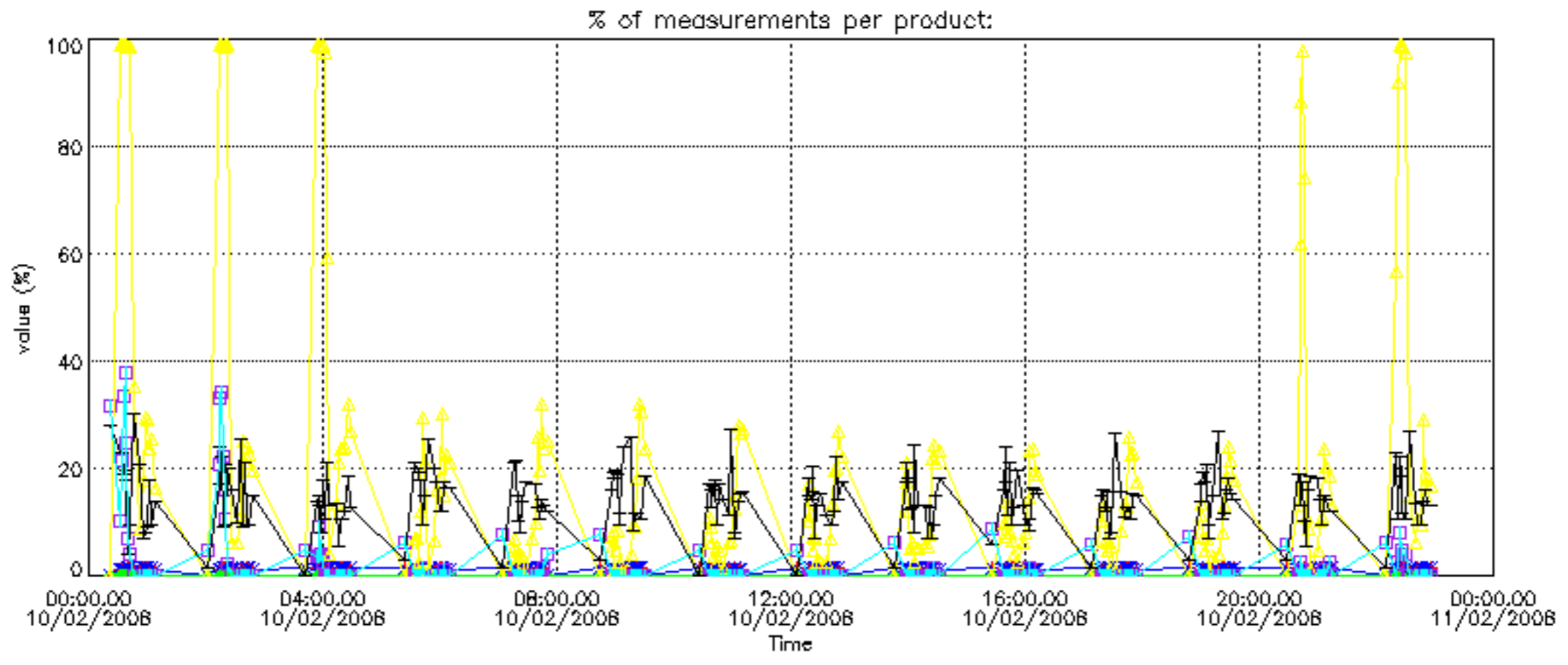


Percentage of flagged data per NO2 profile

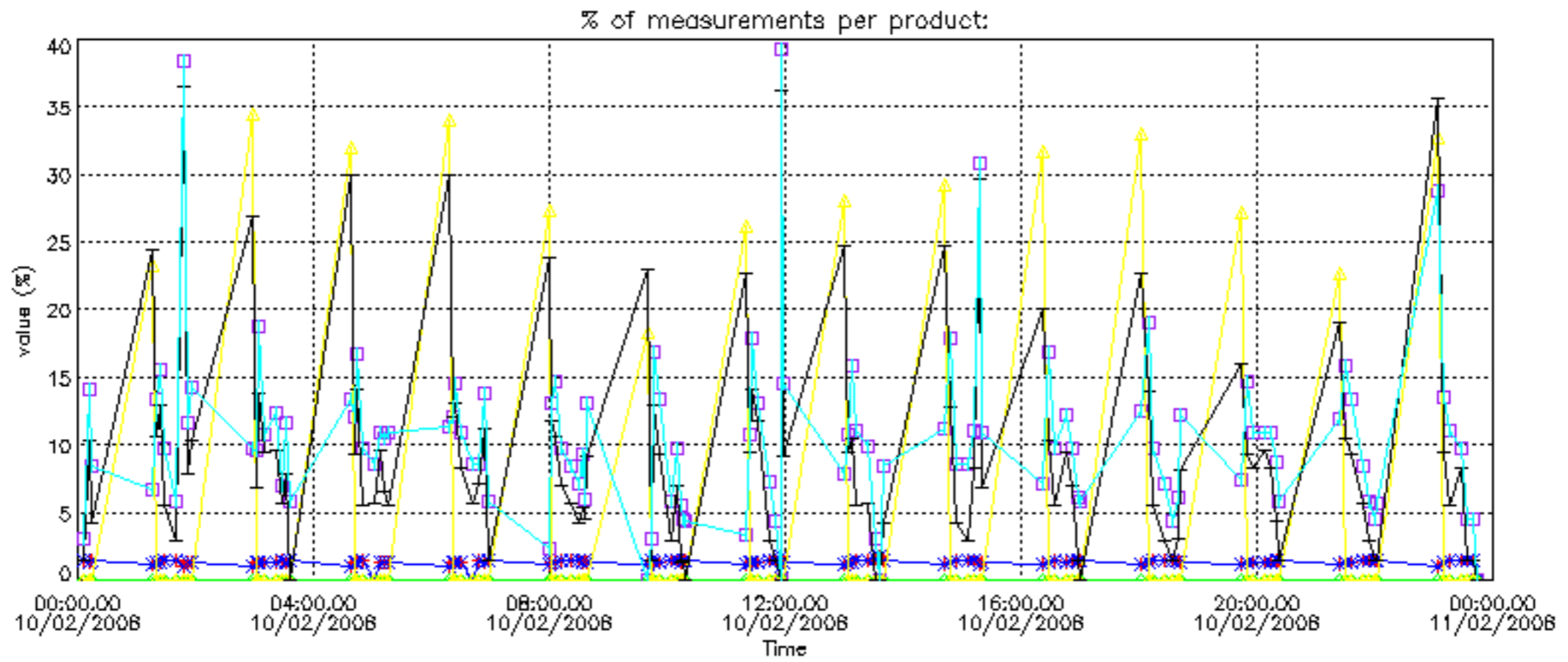


Percentage of flagged data per NO3 profile

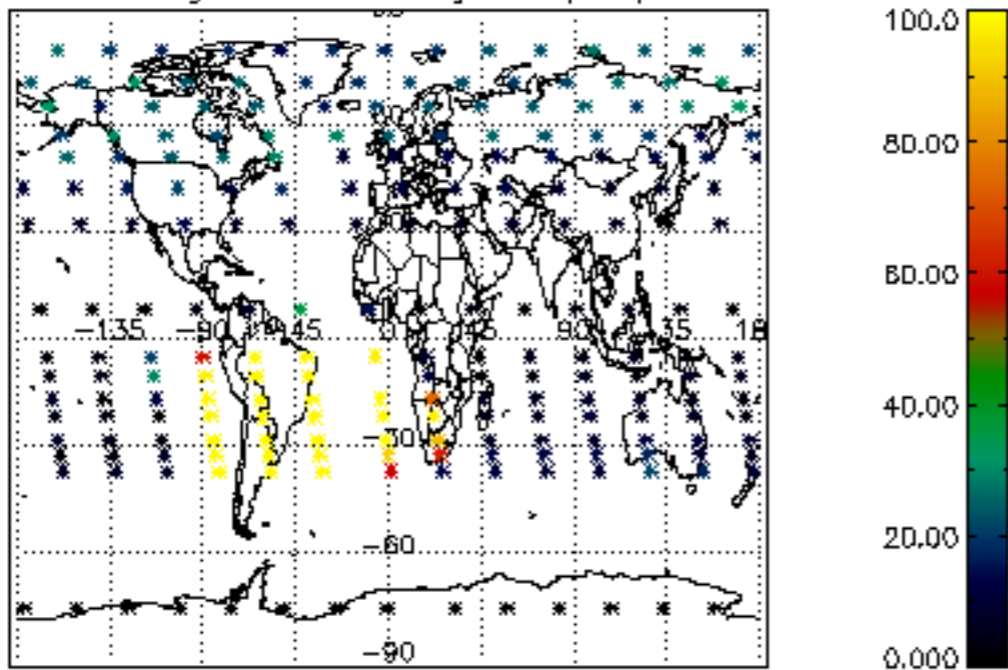




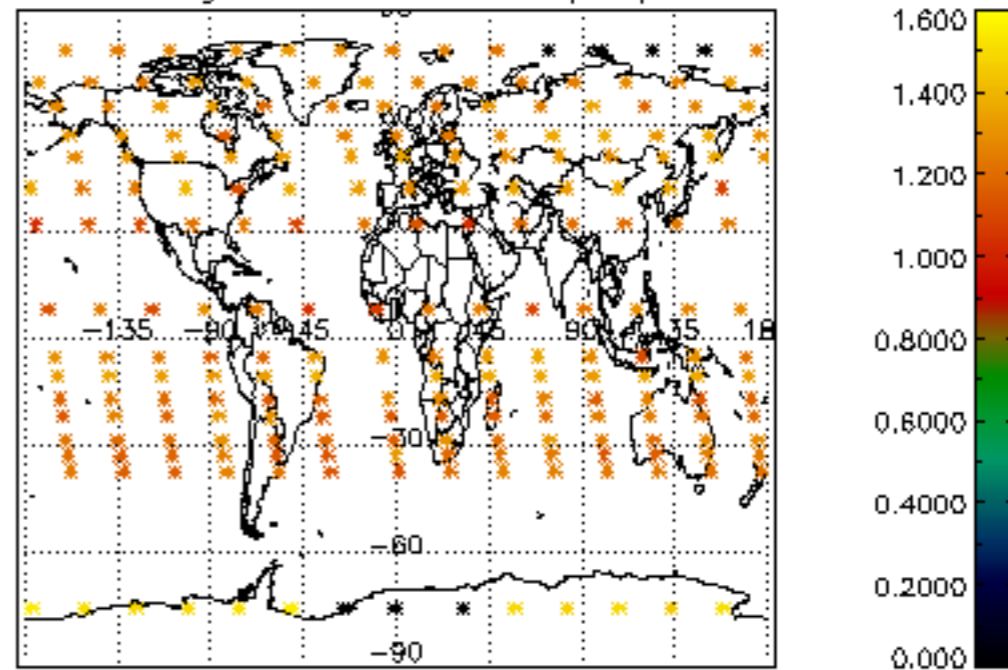




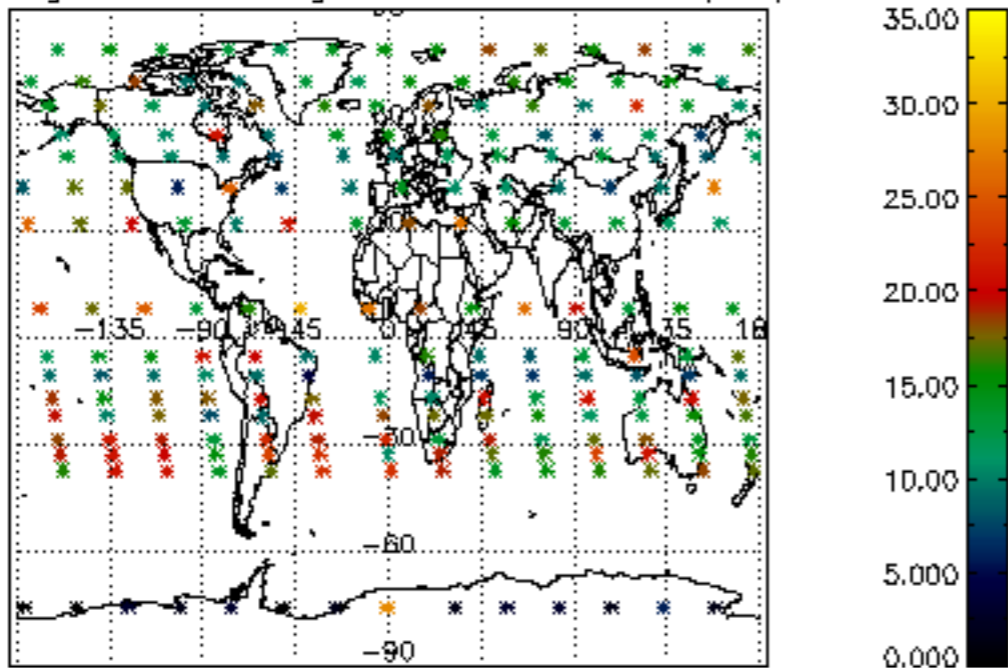
Percentage of cosmic ray hits per profile



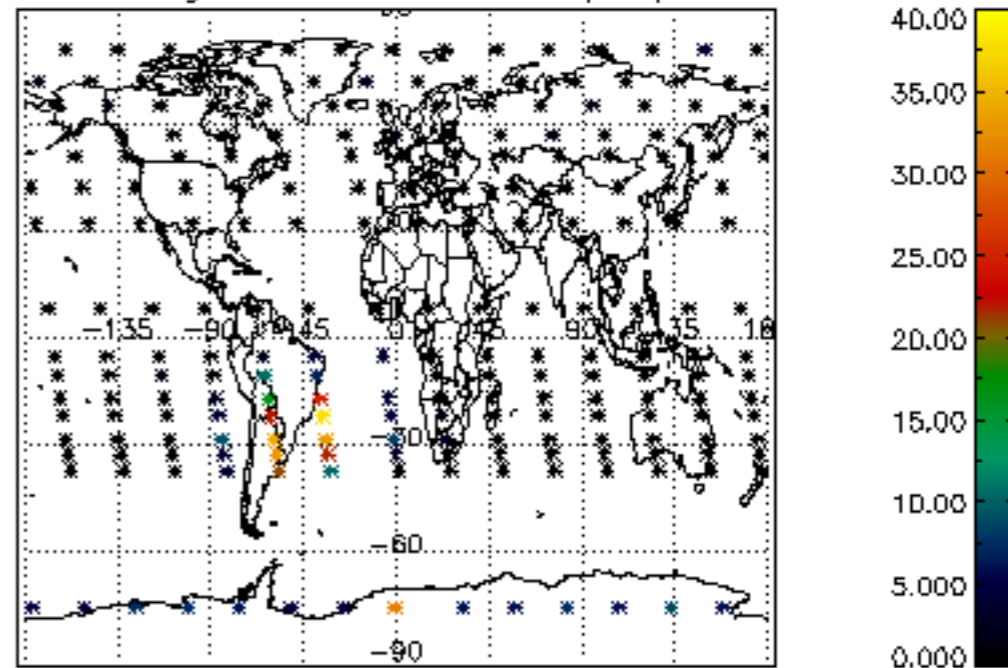
Percentage of datation errors per profile



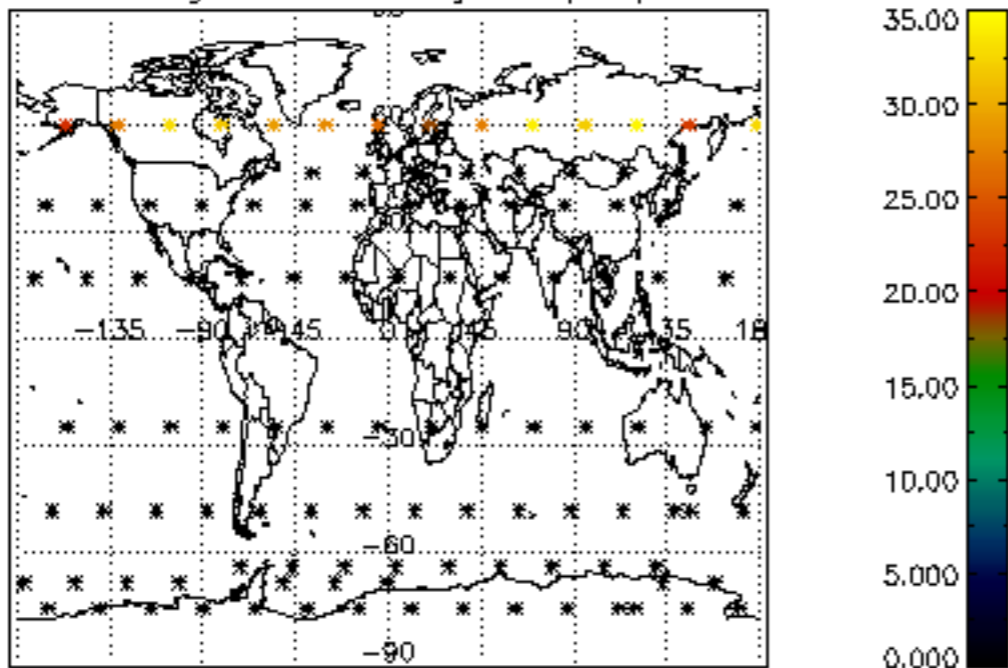
Percentage of star falling outside central band per profile



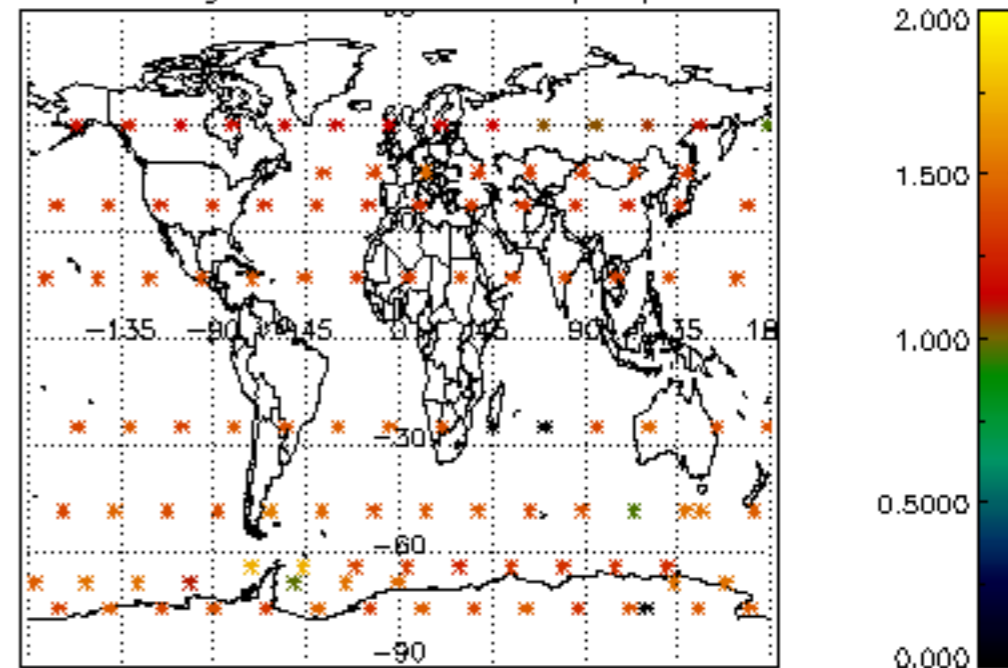
Percentage of saturation errors per profile



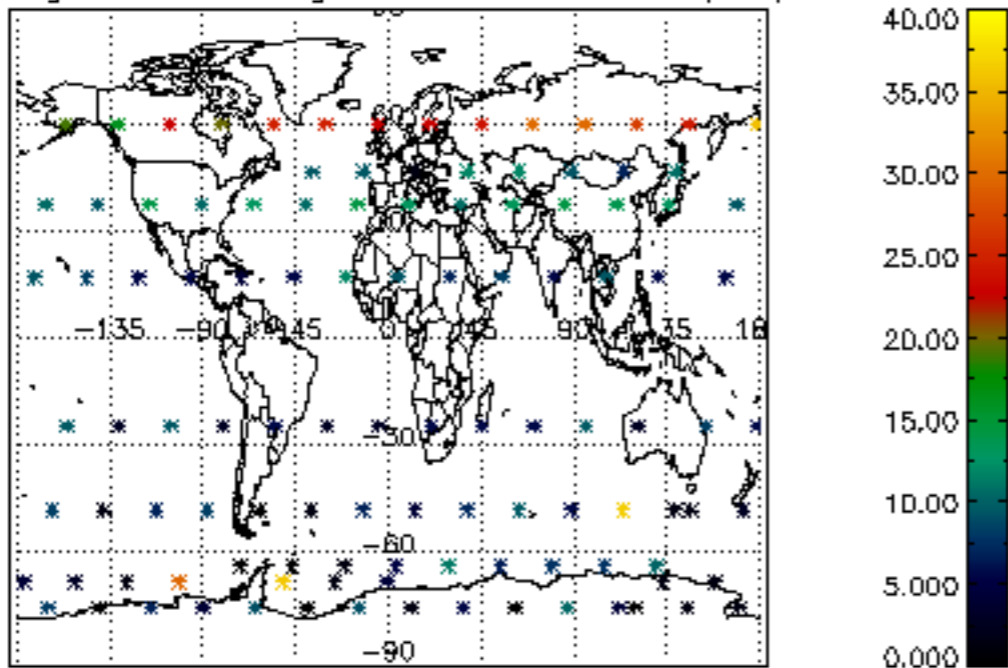
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

