

# 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	18APR2013 12:33:31
Data source version	GOMOS/6.01
Start time of products	18-11-2005 (18NOV2005 00:00:00)
Stop time of products	19-11-2005 (19NOV2005 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	268
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__2PRFIN20051118_000232_000000332042_00345_19437_8567.N1	18-NOV-2005 00:02:32	Bright	33.000	3	16Alp Boo	-0.050000	4250.0	66	19437	No
2	GOM_NL__2PRFIN20051118_000542_000000352042_00345_19437_8568.N1	18-NOV-2005 00:05:42	Bright	35.000	138	47Eps Vir	2.8280	4700.0	70	19437	No
3	GOM_NL__2PRFIN20051118_000934_000000542042_00345_19437_8569.N1	18-NOV-2005 00:09:34	Bright	53.500	121	29Gam Vir	2.7400	7200.0	107	19437	No
4	GOM_NL__2PRFIN20051118_001441_000000442042_00345_19437_8570.N1	18-NOV-2005 00:14:41	Twilight	43.500	100	4Gam Crv	2.5800	13100.	87	19437	No
5	GOM_NL__2PRFIN20051118_001613_000000452042_00345_19437_8571.N1	18-NOV-2005 00:16:13	Twilight	44.500	171	2Eps Crv	3.0010	4250.0	89	19437	No
6	GOM_NL__2PRFIN20051118_002219_000000402042_00345_19437_8572.N1	18-NOV-2005 00:22:19	Dark	40.000	64	Gam Cen	2.2000	10600.	80	19437	No
7	GOM_NL__2PRFIN20051118_002435_000000422042_00345_19437_8573.N1	18-NOV-2005 00:24:35	Dark	41.500	26	Gam Cru	1.6240	2900.0	83	19437	No
8	GOM_NL__2PRFIN20051118_002611_000000412042_00346_19438_8574.N1	18-NOV-2005 00:26:11	Dark	41.000	12	Alp1Cru	0.77500	30000.	82	19438	No
9	GOM_NL__2PRFIN20051118_002822_000000382042_00346_19438_8575.N1	18-NOV-2005 00:28:22	Dark	37.500	124	The Car	2.7640	30000.	75	19438	No
10	GOM_NL__2PRFIN20051118_004624_000000372042_00346_19438_8576.N1	18-NOV-2005 00:46:24	Straylight	37.000	157	The1Eri	2.9060	9300.0	74	19438	No
11	GOM_NL__2PRFIN20051118_010403_000000362042_00346_19438_8577.N1	18-NOV-2005 01:04:03	Bright	36.000	105	6Bet Ari	2.6450	8900.0	72	19438	No
12	GOM_NL__2PRFIN20051118_010759_000000342042_00346_19438_8578.N1	18-NOV-2005 01:07:59	Bright	34.000	173	4Bet Tri	3.0040	8900.0	68	19438	No
13	GOM_NL__2PRFIN20051118_011003_000000362042_00346_19438_8579.N1	18-NOV-2005 01:10:03	Bright	36.000	73	57Gam1And	2.2600	13100.	72	19438	No
14	GOM_NL__2PRFIN20051118_011432_000000362042_00346_19438_8580.N1	18-NOV-2005 01:14:32	Bright	36.000	68	18Alp Cas	2.2250	4500.0	72	19438	No
15	GOM_NL__2PRFIN20051118_012318_000000362042_00346_19438_8581.N1	18-NOV-2005 01:23:18	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	19438	No
16	GOM_NL__2PRFIN20051118_012743_000000362042_00346_19438_8582.N1	18-NOV-2005 01:27:43	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	19438	No
17	GOM_NL__2PRFIN20051118_013318_000000532042_00346_19438_8583.N1	18-NOV-2005 01:33:18	Bright	53.000	32	77Eps UMa	1.7630	11000.	106	19438	No
18	GOM_NL__2PRFIN20051118_013500_000000512042_00346_19438_8584.N1	18-NOV-2005 01:35:00	Bright	50.500	39	85Eta UMa	1.8540	24000.	101	19438	No
19	GOM_NL__2PRFIN20051118_014308_000000332042_00346_19438_8585.N1	18-NOV-2005 01:43:08	Bright	33.000	3	16Alp Boo	-0.050000	4250.0	66	19438	No
20	GOM_NL__2PRFIN20051118_014618_000000352042_00346_19438_8586.N1	18-NOV-2005 01:46:18	Bright	34.500	138	47Eps Vir	2.8280	4700.0	69	19438	No
21	GOM_NL__2PRFIN20051118_015011_000000542042_00346_19438_8587.N1	18-NOV-2005 01:50:11	Bright	53.500	121	29Gam Vir	2.7400	7200.0	107	19438	No
22	GOM_NL__2PRFIN20051118_015518_000000432042_00346_19438_8588.N1	18-NOV-2005 01:55:18	Twilight	42.500	100	4Gam Crv	2.5800	13100.	85	19438	No
23	GOM_NL__2PRFIN20051118_015649_000000442042_00346_19438_8589.N1	18-NOV-2005 01:56:49	Twilight	44.000	171	2Eps Crv	3.0010	4250.0	88	19438	No
24	GOM_NL__2PRFIN20051118_020511_000000502042_00346_19438_8590.N1	18-NOV-2005 02:05:11	Dark	49.500	26	Gam Cru	1.6240	2900.0	99	19438	No
25	GOM_NL__2PRFIN20051118_020647_000000402042_00347_19439_8591.N1	18-NOV-2005 02:06:47	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	19439	No
26	GOM_NL__2PRFIN20051118_020858_000000382042_00347_19439_8592.N1	18-NOV-2005 02:08:58	Dark	37.500	124	The Car	2.7640	30000.	75	19439	No
27	GOM_NL__2PRFIN20051118_022700_000000402042_00347_19439_8593.N1	18-NOV-2005 02:27:00	Straylight	39.500	157	The1Eri	2.9060	9300.0	79	19439	No
28	GOM_NL__2PRFIN20051118_024439_000000372042_00347_19439_8594.N1	18-NOV-2005 02:44:39	Bright	37.000	105	6Bet Ari	2.6450	8900.0	74	19439	No
29	GOM_NL__2PRFIN20051118_024835_000000362042_00347_19439_8595.N1	18-NOV-2005 02:48:35	Bright	35.500	173	4Bet Tri	3.0040	8900.0	71	19439	No
30	GOM_NL__2PRFIN20051118_025039_000000392042_00347_19439_8596.N1	18-NOV-2005 02:50:39	Bright	38.500	73	57Gam1And	2.2600	13100.	77	19439	No
31	GOM_NL__2PRFIN20051118_025508_000000352042_00347_19439_8597.N1	18-NOV-2005 02:55:08	Bright	34.500	68	18Alp Cas	2.2250	4500.0	69	19439	No
32	GOM_NL__2PRFIN20051118_030354_000000332042_00347_19439_8598.N1	18-NOV-2005 03:03:54	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	19439	No
33	GOM_NL__2PRFIN20051118_030819_000000382042_00347_19439_8599.N1	18-NOV-2005 03:08:19	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	19439	No
34	GOM_NL__2PRFIN20051118_031354_000000382042_00347_19439_8600.N1	18-NOV-2005 03:13:54	Bright	37.500	32	77Eps UMa	1.7630	11000.	75	19439	No
35	GOM_NL__2PRFIN20051118_031536_000000342042_00347_19439_8601.N1	18-NOV-2005 03:15:36	Bright	33.500	39	85Eta UMa	1.8540	24000.	67	19439	No
36	GOM_NL__2PRFIN20051118_031815_000000332042_00347_19439_8602.N1	18-NOV-2005 03:18:15	Bright	33.000	180	27Gam Boo	3.0400	8000.0	66	19439	No
37	GOM_NL__2PRFIN20051118_032344_000000332042_00347_19439_8603.N1	18-NOV-2005 03:23:44	Bright	33.000	3	16Alp Boo	-0.050000	4250.0	66	19439	No
38	GOM_NL__2PRFIN20051118_032654_000000352042_00347_19439_8604.N1	18-NOV-2005 03:26:54	Bright	35.000	138	47Eps Vir	2.8280	4700.0	70	19439	No
39	GOM_NL__2PRFIN20051118_033047_000000362042_00347_19439_8605.N1	18-NOV-2005 03:30:47	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	19439	No
40	GOM_NL__2PRFIN20051118_033554_000000412042_00347_19439_8606.N1	18-NOV-2005 03:35:54	Twilight	40.500	100	4Gam Crv	2.5800	13100.	81	19439	No
41	GOM_NL__2PRFIN20051118_033726_000000442042_00347_19439_8607.N1	18-NOV-2005 03:37:26	Twilight	44.000	171	2Eps Crv	3.0010	4250.0	88	19439	No
42	GOM_NL__2PRFIN20051118_034331_000000402042_00347_19439_8608.N1	18-NOV-2005 03:43:31	Dark	40.000	64	Gam Cen	2.2000	10600.	80	19439	No

43	GOM_NL__2PRFIN20051118_034547_000000512042_00347_19439_8594.N1	18-NOV-2005 03:45:47	Dark	50.500	26	Gam Cru	1.6240	2900.0	101	19439	No
44	GOM_NL__2PRFIN20051118_034723_000000472042_00348_19440_8595.N1	18-NOV-2005 03:47:23	Dark	47.000	12	Alp1Cru	0.77500	30000.	94	19440	No
45	GOM_NL__2PRFIN20051118_034934_000000372042_00348_19440_8577.N1	18-NOV-2005 03:49:34	Dark	37.000	124	The Car	2.7640	30000.	74	19440	No
46	GOM_NL__2PRFIN20051118_040737_000000392042_00348_19440_8578.N1	18-NOV-2005 04:07:37	Straylight	39.000	157	The1Eri	2.9060	9300.0	78	19440	No
47	GOM_NL__2PRFIN20051118_042515_000000372042_00348_19440_8579.N1	18-NOV-2005 04:25:15	Bright	36.500	105	6Bet Ari	2.6450	8900.0	73	19440	No
48	GOM_NL__2PRFIN20051118_042911_000000352042_00348_19440_8580.N1	18-NOV-2005 04:29:11	Bright	35.000	173	4Bet Tri	3.0040	8900.0	70	19440	No
49	GOM_NL__2PRFIN20051118_043115_000000362042_00348_19440_8581.N1	18-NOV-2005 04:31:15	Bright	35.500	73	57Gam1And	2.2600	13100.	71	19440	No
50	GOM_NL__2PRFIN20051118_043544_000000372042_00348_19440_8582.N1	18-NOV-2005 04:35:44	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	19440	No
51	GOM_NL__2PRFIN20051118_044430_000000352042_00348_19440_8583.N1	18-NOV-2005 04:44:30	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	19440	No
52	GOM_NL__2PRFIN20051118_044856_000000372042_00348_19440_8584.N1	18-NOV-2005 04:48:56	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	19440	No
53	GOM_NL__2PRFIN20051118_045430_000000352042_00348_19440_8585.N1	18-NOV-2005 04:54:30	Bright	34.500	32	77Eps UMa	1.7630	11000.	69	19440	No
54	GOM_NL__2PRFIN20051118_045612_000000352042_00348_19440_8586.N1	18-NOV-2005 04:56:12	Bright	35.000	39	85Eta UMa	1.8540	24000.	70	19440	No
55	GOM_NL__2PRFIN20051118_045851_000000352042_00348_19440_8587.N1	18-NOV-2005 04:58:51	Bright	34.500	180	27Gam Boo	3.0400	8000.0	69	19440	No
56	GOM_NL__2PRFIN20051118_050420_000000332042_00348_19440_8588.N1	18-NOV-2005 05:04:20	Bright	33.000	3	16Alp Boo	-0.050000	4250.0	66	19440	No
57	GOM_NL__2PRFIN20051118_050731_000000362042_00348_19440_8589.N1	18-NOV-2005 05:07:31	Bright	35.500	138	47Eps Vir	2.8280	4700.0	71	19440	No
58	GOM_NL__2PRFIN20051118_051123_000000542042_00348_19440_8590.N1	18-NOV-2005 05:11:23	Bright	54.000	121	29Gam Vir	2.7400	7200.0	108	19440	No
59	GOM_NL__2PRFIN20051118_051631_000000432042_00348_19440_8591.N1	18-NOV-2005 05:16:31	Twilight	42.500	100	4Gam Crv	2.5800	13100.	85	19440	No
60	GOM_NL__2PRFIN20051118_051803_000000452042_00348_19440_8592.N1	18-NOV-2005 05:18:03	Twilight	45.000	171	2Eps Crv	3.0010	4250.0	90	19440	No
61	GOM_NL__2PRFIN20051118_052408_000000412042_00348_19440_8593.N1	18-NOV-2005 05:24:08	Dark	41.000	64	Gam Cen	2.2000	10600.	82	19440	No
62	GOM_NL__2PRFIN20051118_052624_000000422042_00348_19440_8594.N1	18-NOV-2005 05:26:24	Dark	41.500	26	Gam Cru	1.6240	2900.0	83	19440	No
63	GOM_NL__2PRFIN20051118_052759_000000412042_00349_19441_8595.N1	18-NOV-2005 05:27:59	Dark	41.000	12	Alp1Cru	0.77500	30000.	82	19441	No
64	GOM_NL__2PRFIN20051118_053011_000000362042_00349_19441_8577.N1	18-NOV-2005 05:30:11	Dark	36.000	124	The Car	2.7640	30000.	72	19441	No
65	GOM_NL__2PRFIN20051118_054813_000000382042_00349_19441_8578.N1	18-NOV-2005 05:48:13	Straylight	37.500	157	The1Eri	2.9060	9300.0	75	19441	No
66	GOM_NL__2PRFIN20051118_060551_000000362042_00349_19441_8579.N1	18-NOV-2005 06:05:51	Bright	36.000	105	6Bet Ari	2.6450	8900.0	72	19441	No
67	GOM_NL__2PRFIN20051118_060947_000000352042_00349_19441_8580.N1	18-NOV-2005 06:09:47	Bright	34.500	173	4Bet Tri	3.0040	8900.0	69	19441	No
68	GOM_NL__2PRFIN20051118_061151_000000382042_00349_19441_8581.N1	18-NOV-2005 06:11:51	Bright	37.500	73	57Gam1And	2.2600	13100.	75	19441	No
69	GOM_NL__2PRFIN20051118_061620_000000352042_00349_19441_8582.N1	18-NOV-2005 06:16:20	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	19441	No
70	GOM_NL__2PRFIN20051118_062506_000000352042_00349_19441_8583.N1	18-NOV-2005 06:25:06	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	19441	No
71	GOM_NL__2PRFIN20051118_062932_000000372042_00349_19441_8584.N1	18-NOV-2005 06:29:32	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	19441	No
72	GOM_NL__2PRFIN20051118_063506_000000352042_00349_19441_8585.N1	18-NOV-2005 06:35:06	Bright	35.000	32	77Eps UMa	1.7630	11000.	70	19441	No
73	GOM_NL__2PRFIN20051118_063648_000000362042_00349_19441_8586.N1	18-NOV-2005 06:36:48	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	19441	No
74	GOM_NL__2PRFIN20051118_063927_000000342042_00349_19441_8587.N1	18-NOV-2005 06:39:27	Bright	33.500	180	27Gam Boo	3.0400	8000.0	67	19441	No
75	GOM_NL__2PRFIN20051118_064456_000000332042_00349_19441_8588.N1	18-NOV-2005 06:44:56	Bright	32.500	3	16Alp Boo	-0.050000	4250.0	65	19441	No
76	GOM_NL__2PRFIN20051118_064807_000000342042_00349_19441_8589.N1	18-NOV-2005 06:48:07	Bright	34.000	138	47Eps Vir	2.8280	4700.0	68	19441	No
77	GOM_NL__2PRFIN20051118_065200_000000412042_00349_19441_8590.N1	18-NOV-2005 06:52:00	Bright	40.500	121	29Gam Vir	2.7400	7200.0	81	19441	No
78	GOM_NL__2PRFIN20051118_065707_000000432042_00349_19441_8591.N1	18-NOV-2005 06:57:07	Twilight	43.000	100	4Gam Crv	2.5800	13100.	86	19441	No
79	GOM_NL__2PRFIN20051118_065839_000000462042_00349_19441_8592.N1	18-NOV-2005 06:58:39	Twilight	45.500	171	2Eps Crv	3.0010	4250.0	91	19441	No
80	GOM_NL__2PRFIN20051118_070444_000000412042_00349_19441_8593.N1	18-NOV-2005 07:04:44	Dark	41.000	64	Gam Cen	2.2000	10600.	82	19441	No
81	GOM_NL__2PRFIN20051118_070700_000000442042_00349_19441_8594.N1	18-NOV-2005 07:07:00	Dark	43.500	26	Gam Cru	1.6240	2900.0	87	19441	No
82	GOM_NL__2PRFIN20051118_070835_000000402042_00350_19442_8595.N1	18-NOV-2005 07:08:35	Dark	39.500	12	Alp1Cru	0.77500	30000.	79	19442	No
83	GOM_NL__2PRFIN20051118_071047_000000382042_00350_19442_8577.N1	18-NOV-2005 07:10:47	Dark	38.000	124	The Car	2.7640	30000.	76	19442	No
84	GOM_NL__2PRFIN20051118_072849_000000372042_00350_19442_8578.N1	18-NOV-2005 07:28:49	Straylight	36.500	157	The1Eri	2.9060	9300.0	73	19442	No
85	GOM_NL__2PRFIN20051118_074627_000000362042_00350_19442_8579.N1	18-NOV-2005 07:46:27	Bright	35.500	105	6Bet Ari	2.6450	8900.0	71	19442	No
86	GOM_NL__2PRFIN20051118_075023_000000362042_00350_19442_8580.N1	18-NOV-2005 07:50:23	Bright	35.500	173	4Bet Tri	3.0040	8900.0	71	19442	No
87	GOM_NL__2PRFIN20051118_075227_000000362042_00350_19442_8581.N1	18-NOV-2005 07:52:27	Bright	35.500	73	57Gam1And	2.2600	13100.	71	19442	No
88	GOM_NL__2PRFIN20051118_075656_000000362042_00350_19442_8582.N1	18-NOV-2005 07:56:56	Bright	35.500	68	18Alp Cas	2.2250	4500.0	71	19442	No
89	GOM_NL__2PRFIN20051118_080542_000000362042_00350_19442_8583.N1	18-NOV-2005 08:05:42	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	19442	No
90	GOM_NL__2PRFIN20051118_081008_000000342042_00350_19442_8584.N1	18-NOV-2005 08:10:08	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	19442	No
91	GOM_NL__2PRFIN20051118_081542_000000372042_00350_19442_8585.N1	18-NOV-2005 08:15:42	Bright	37.000	32	77Eps UMa	1.7630	11000.	74	19442	No
92	GOM_NL__2PRFIN20051118_081724_000000342042_00350_19442_8586.N1	18-NOV-2005 08:17:24	Bright	34.000	39	85Eta UMa	1.8540	24000.	68	19442	No
93	GOM_NL__2PRFIN20051118_082003_000000332042_00350_19442_8587.N1	18-NOV-2005 08:20:03	Bright	32.500	180	27Gam Boo	3.0400	8000.0	65	19442	No
94	GOM_NL__2PRFIN20051118_082532_000000332042_00350_19442_8588.N1	18-NOV-2005 08:25:32	Bright	33.000	3	16Alp Boo	-0.050000	4250.0	66	19442	No
95	GOM_NL__2PRFIN20051118_082843_000000352042_00350_19442_8589.N1	18-NOV-2005 08:28:43	Bright	35.000	138	47Eps Vir	2.8280	4700.0	70	19442	No
96	GOM_NL__2PRFIN20051118_083236_000000542042_00350_19442_8590.N1	18-NOV-2005 08:32:36	Bright	54.000	121	29Gam Vir	2.7400	7200.0	108	19442	No
97	GOM_NL__2PRFIN20051118_083744_000000422042_00350_19442_8591.N1	18-NOV-2005 08:37:44	Twilight	42.000	100	4Gam Crv	2.5800	13100.	84	19442	No
98	GOM_NL__2PRFIN20051118_083915_000000442042_00350_19442_8592.N1	18-NOV-2005 08:39:15	Twilight	43.500	171	2Eps Crv	3.0010	4250.0	87	19442	No
99	GOM_NL__2PRFIN20051118_084520_000000392042_00350_19442_8593.N1	18-NOV-2005 08:45:20	Dark	39.000	64	Gam Cen	2.2000	10600.	78	19442	No
100	GOM_NL__2PRFIN20051118_084736_000000432042_00350_19442_8594.N1	18-NOV-2005 08:47:36	Dark	43.000	26	Gam Cru	1.6240	2900.0	86	19442	No
101	GOM_NL__2PRFIN20051118_084911_000000382042_00351_19443_8595.N1	18-NOV-2005 08:49:11	Dark	37.500	12	Alp1Cru	0.77500	30000.	75	19443	No

102	GOM_NL__2PRFIN20051118_085123_000000362042_00351_19443_8577.N1	18-NOV-2005 08:51:23	Dark	36.000	124	The Car	2.7640	30000.	72	19443	No
103	GOM_NL__2PRFIN20051118_090925_000000382042_00351_19443_8578.N1	18-NOV-2005 09:09:25	Straylight	38.000	157	The1Eri	2.9060	9300.0	76	19443	No
104	GOM_NL__2PRFIN20051118_092703_000000362042_00351_19443_8579.N1	18-NOV-2005 09:27:03	Bright	36.000	105	6Bet Ari	2.6450	8900.0	72	19443	No
105	GOM_NL__2PRFIN20051118_093059_000000352042_00351_19443_8580.N1	18-NOV-2005 09:30:59	Bright	34.500	173	4Bet Tri	3.0040	8900.0	69	19443	No
106	GOM_NL__2PRFIN20051118_093303_000000362042_00351_19443_8581.N1	18-NOV-2005 09:33:03	Bright	36.000	73	57Gam1And	2.2600	13100.	72	19443	No
107	GOM_NL__2PRFIN20051118_093732_000000362042_00351_19443_8582.N1	18-NOV-2005 09:37:32	Bright	35.500	68	18Alp Cas	2.2250	4500.0	71	19443	No
108	GOM_NL__2PRFIN20051118_094618_000000362042_00351_19443_8583.N1	18-NOV-2005 09:46:18	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	19443	No
109	GOM_NL__2PRFIN20051118_095044_000000372042_00351_19443_8584.N1	18-NOV-2005 09:50:44	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	19443	No
110	GOM_NL__2PRFIN20051118_095617_000000342042_00351_19443_8585.N1	18-NOV-2005 09:56:17	Bright	34.000	32	77Eps UMa	1.7630	11000.	68	19443	No
111	GOM_NL__2PRFIN20051118_095800_000000342042_00351_19443_8586.N1	18-NOV-2005 09:58:00	Bright	33.500	39	85Eta UMa	1.8540	24000.	67	19443	No
112	GOM_NL__2PRFIN20051118_100039_000000332042_00351_19443_8587.N1	18-NOV-2005 10:00:39	Bright	33.000	180	27Gam Boo	3.0400	8000.0	66	19443	No
113	GOM_NL__2PRFIN20051118_100608_000000342042_00351_19443_8588.N1	18-NOV-2005 10:06:08	Bright	33.500	3	16Alp Boo	-0.050000	4250.0	67	19443	No
114	GOM_NL__2PRFIN20051118_100919_000000352042_00351_19443_8589.N1	18-NOV-2005 10:09:19	Bright	34.500	138	47Eps Vir	2.8280	4700.0	69	19443	No
115	GOM_NL__2PRFIN20051118_101312_000000362042_00351_19443_8590.N1	18-NOV-2005 10:13:12	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	19443	No
116	GOM_NL__2PRFIN20051118_101820_000000432042_00351_19443_8591.N1	18-NOV-2005 10:18:20	Twilight	43.000	100	4Gam Crv	2.5800	13100.	86	19443	No
117	GOM_NL__2PRFIN20051118_101952_000000452042_00351_19443_8592.N1	18-NOV-2005 10:19:52	Twilight	45.000	171	2Eps Crv	3.0010	4250.0	90	19443	No
118	GOM_NL__2PRFIN20051118_102556_000000422042_00351_19443_8593.N1	18-NOV-2005 10:25:56	Dark	41.500	64	Gam Cen	2.2000	10600.	83	19443	No
119	GOM_NL__2PRFIN20051118_102812_000000392042_00351_19443_8594.N1	18-NOV-2005 10:28:12	Dark	39.000	26	Gam Cru	1.6240	2900.0	78	19443	No
120	GOM_NL__2PRFIN20051118_102947_000000422042_00352_19444_8595.N1	18-NOV-2005 10:29:47	Dark	41.500	12	Alp1Cru	0.77500	30000.	83	19444	No
121	GOM_NL__2PRFIN20051118_103159_000000372042_00352_19444_8577.N1	18-NOV-2005 10:31:59	Dark	36.500	124	The Car	2.7640	30000.	73	19444	No
122	GOM_NL__2PRFIN20051118_105001_000000382042_00352_19444_8578.N1	18-NOV-2005 10:50:01	Straylight	38.000	157	The1Eri	2.9060	9300.0	76	19444	No
123	GOM_NL__2PRFIN20051118_110739_000000362042_00352_19444_8579.N1	18-NOV-2005 11:07:39	Bright	36.000	105	6Bet Ari	2.6450	8900.0	72	19444	No
124	GOM_NL__2PRFIN20051118_111135_000000352042_00352_19444_8580.N1	18-NOV-2005 11:11:35	Bright	35.000	173	4Bet Tri	3.0040	8900.0	70	19444	No
125	GOM_NL__2PRFIN20051118_111339_000000362042_00352_19444_8581.N1	18-NOV-2005 11:13:39	Bright	35.500	73	57Gam1And	2.2600	13100.	71	19444	No
126	GOM_NL__2PRFIN20051118_111809_000000372042_00352_19444_8582.N1	18-NOV-2005 11:18:09	Bright	37.000	68	18Alp Cas	2.2250	4500.0	74	19444	No
127	GOM_NL__2PRFIN20051118_112653_000000352042_00352_19444_8583.N1	18-NOV-2005 11:26:53	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	19444	No
128	GOM_NL__2PRFIN20051118_113120_000000382042_00352_19444_8584.N1	18-NOV-2005 11:31:20	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	19444	No
129	GOM_NL__2PRFIN20051118_113653_000000382042_00352_19444_8585.N1	18-NOV-2005 11:36:53	Bright	37.500	32	77Eps UMa	1.7630	11000.	75	19444	No
130	GOM_NL__2PRFIN20051118_113836_000000362042_00352_19444_8586.N1	18-NOV-2005 11:38:36	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	19444	No
131	GOM_NL__2PRFIN20051118_114115_000000332042_00352_19444_8587.N1	18-NOV-2005 11:41:15	Bright	33.000	180	27Gam Boo	3.0400	8000.0	66	19444	No
132	GOM_NL__2PRFIN20051118_114645_000000332042_00352_19444_8588.N1	18-NOV-2005 11:46:45	Bright	33.000	3	16Alp Boo	-0.050000	4250.0	66	19444	No
133	GOM_NL__2PRFIN20051118_114955_000000352042_00352_19444_8589.N1	18-NOV-2005 11:49:55	Bright	35.000	138	47Eps Vir	2.8280	4700.0	70	19444	No
134	GOM_NL__2PRFIN20051118_115348_000000542042_00352_19444_8590.N1	18-NOV-2005 11:53:48	Bright	54.000	121	29Gam Vir	2.7400	7200.0	108	19444	No
135	GOM_NL__2PRFIN20051118_115856_000000412042_00352_19444_8591.N1	18-NOV-2005 11:58:56	Twilight	41.000	100	4Gam Crv	2.5800	13100.	82	19444	No
136	GOM_NL__2PRFIN20051118_120028_000000432042_00352_19444_8592.N1	18-NOV-2005 12:00:28	Twilight	43.000	171	2Eps Crv	3.0010	4250.0	86	19444	No
137	GOM_NL__2PRFIN20051118_120632_000000392042_00352_19444_8593.N1	18-NOV-2005 12:06:32	Dark	39.000	64	Gam Cen	2.2000	10600.	78	19444	No
138	GOM_NL__2PRFIN20051118_120848_000000522042_00352_19444_8594.N1	18-NOV-2005 12:08:48	Dark	52.000	26	Gam Cru	1.6240	2900.0	104	19444	No
139	GOM_NL__2PRFIN20051118_121024_000000502042_00353_19445_8595.N1	18-NOV-2005 12:10:24	Dark	49.500	12	Alp1Cru	0.77500	30000.	99	19445	No
140	GOM_NL__2PRFIN20051118_121236_000000372042_00353_19445_8577.N1	18-NOV-2005 12:12:36	Dark	37.000	124	The Car	2.7640	30000.	74	19445	No
141	GOM_NL__2PRFIN20051118_123037_000000352042_00353_19445_8578.N1	18-NOV-2005 12:30:37	Straylight	35.000	157	The1Eri	2.9060	9300.0	70	19445	No
142	GOM_NL__2PRFIN20051118_124815_000000362042_00353_19445_8579.N1	18-NOV-2005 12:48:15	Bright	35.500	105	6Bet Ari	2.6450	8900.0	71	19445	No
143	GOM_NL__2PRFIN20051118_125211_000000352042_00353_19445_8580.N1	18-NOV-2005 12:52:11	Bright	34.500	173	4Bet Tri	3.0040	8900.0	69	19445	No
144	GOM_NL__2PRFIN20051118_125415_000000362042_00353_19445_8581.N1	18-NOV-2005 12:54:15	Bright	36.000	73	57Gam1And	2.2600	13100.	72	19445	No
145	GOM_NL__2PRFIN20051118_125845_000000372042_00353_19445_8582.N1	18-NOV-2005 12:58:45	Bright	37.000	68	18Alp Cas	2.2250	4500.0	74	19445	No
146	GOM_NL__2PRFIN20051118_130729_000000362042_00353_19445_8583.N1	18-NOV-2005 13:07:29	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	19445	No
147	GOM_NL__2PRFIN20051118_131156_000000332042_00353_19445_8584.N1	18-NOV-2005 13:11:56	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	19445	No
148	GOM_NL__2PRFIN20051118_131729_000000382042_00353_19445_8585.N1	18-NOV-2005 13:17:29	Bright	37.500	32	77Eps UMa	1.7630	11000.	75	19445	No
149	GOM_NL__2PRFIN20051118_131913_000000362042_00353_19445_8586.N1	18-NOV-2005 13:19:13	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	19445	No
150	GOM_NL__2PRFIN20051118_132151_000000322042_00353_19445_8587.N1	18-NOV-2005 13:21:51	Bright	32.000	180	27Gam Boo	3.0400	8000.0	64	19445	No
151	GOM_NL__2PRFIN20051118_132721_000000332042_00353_19445_8588.N1	18-NOV-2005 13:27:21	Bright	33.000	3	16Alp Boo	-0.050000	4250.0	66	19445	No
152	GOM_NL__2PRFIN20051118_133031_000000352042_00353_19445_8589.N1	18-NOV-2005 13:30:31	Bright	35.000	138	47Eps Vir	2.8280	4700.0	70	19445	No
153	GOM_NL__2PRFIN20051118_133425_000000382042_00353_19445_8590.N1	18-NOV-2005 13:34:25	Bright	37.500	121	29Gam Vir	2.7400	7200.0	75	19445	No
154	GOM_NL__2PRFIN20051118_133933_000000422042_00353_19445_8591.N1	18-NOV-2005 13:39:33	Twilight	41.500	100	4Gam Crv	2.5800	13100.	83	19445	No
155	GOM_NL__2PRFIN20051118_134105_000000402042_00353_19445_8592.N1	18-NOV-2005 13:41:05	Twilight	40.000	171	2Eps Crv	3.0010	4250.0	80	19445	No
156	GOM_NL__2PRFIN20051118_134708_000000382042_00353_19445_8593.N1	18-NOV-2005 13:47:08	Dark	38.000	64	Gam Cen	2.2000	10600.	76	19445	No
157	GOM_NL__2PRFIN20051118_134924_000000522042_00353_19445_8594.N1	18-NOV-2005 13:49:24	Dark	52.000	26	Gam Cru	1.6240	2900.0	104	19445	No
158	GOM_NL__2PRFIN20051118_135100_000000432042_00354_19446_8595.N1	18-NOV-2005 13:51:00	Dark	43.000	12	Alp1Cru	0.77500	30000.	86	19446	No
159	GOM_NL__2PRFIN20051118_135312_000000382042_00354_19446_8577.N1	18-NOV-2005 13:53:12	Dark	37.500	124	The Car	2.7640	30000.	75	19446	No
160	GOM_NL__2PRFIN20051118_141114_000000392042_00354_19446_8578.N1	18-NOV-2005 14:11:14	Straylight	39.000	157	The1Eri	2.9060	9300.0	78	19446	No

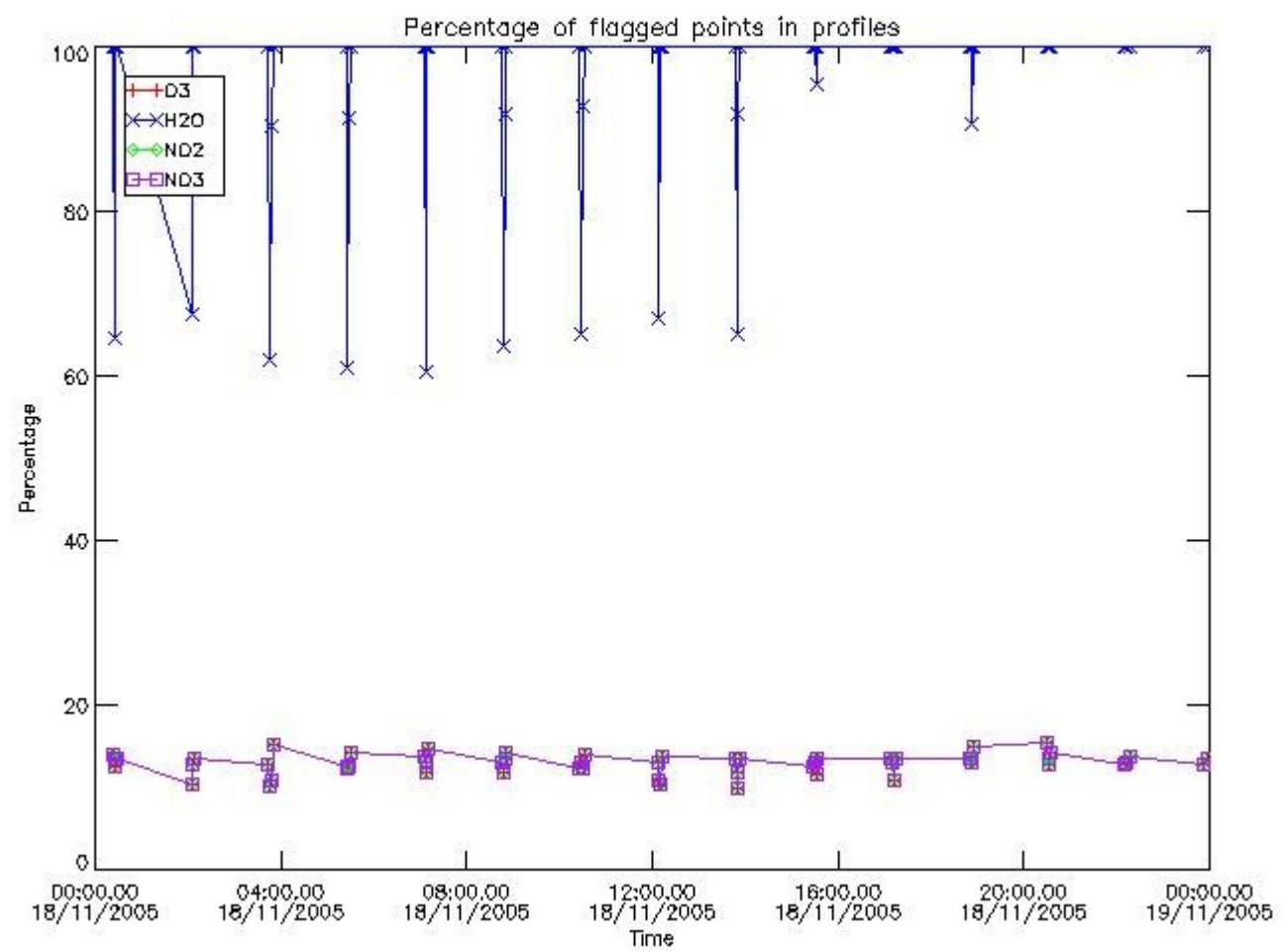
161	GOM_NL__2PRFIN20051118_142851_000000362042_00354_19446_8579.N1	18-NOV-2005 14:28:51	Bright	36.000	105	6Bet Ari	2.6450	8900.0	72	19446	No
162	GOM_NL__2PRFIN20051118_143247_000000342042_00354_19446_8580.N1	18-NOV-2005 14:32:47	Bright	34.000	173	4Bet Tri	3.0040	8900.0	68	19446	No
163	GOM_NL__2PRFIN20051118_143451_000000372042_00354_19446_8581.N1	18-NOV-2005 14:34:51	Bright	36.500	73	57Gam1And	2.2600	13100.	73	19446	No
164	GOM_NL__2PRFIN20051118_143921_000000372042_00354_19446_8582.N1	18-NOV-2005 14:39:21	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	19446	No
165	GOM_NL__2PRFIN20051118_145232_000000322042_00354_19446_8583.N1	18-NOV-2005 14:52:32	Bright	32.000	60	7Bet UMi	2.0810	3950.0	64	19446	No
166	GOM_NL__2PRFIN20051118_145805_000000382042_00354_19446_8584.N1	18-NOV-2005 14:58:05	Bright	37.500	32	77Eps UMa	1.7630	11000.	75	19446	No
167	GOM_NL__2PRFIN20051118_145949_000000362042_00354_19446_8585.N1	18-NOV-2005 14:59:49	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	19446	No
168	GOM_NL__2PRFIN20051118_150228_000000352042_00354_19446_8586.N1	18-NOV-2005 15:02:28	Bright	34.500	180	27Gam Boo	3.0400	8000.0	69	19446	No
169	GOM_NL__2PRFIN20051118_150757_000000342042_00354_19446_8587.N1	18-NOV-2005 15:07:57	Bright	33.500	3	16Alp Boo	-0.050000	4250.0	67	19446	No
170	GOM_NL__2PRFIN20051118_151108_000000532042_00354_19446_8588.N1	18-NOV-2005 15:11:08	Bright	53.000	138	47Eps Vir	2.8280	4700.0	106	19446	No
171	GOM_NL__2PRFIN20051118_151501_000000382042_00354_19446_8589.N1	18-NOV-2005 15:15:01	Bright	38.000	121	29Gam Vir	2.7400	7200.0	76	19446	No
172	GOM_NL__2PRFIN20051118_152009_000000412042_00354_19446_8590.N1	18-NOV-2005 15:20:09	Twilight	40.500	100	4Gam Crv	2.5800	13100.	81	19446	No
173	GOM_NL__2PRFIN20051118_152141_000000432042_00354_19446_8591.N1	18-NOV-2005 15:21:41	Twilight	43.000	171	2Eps Crv	3.0010	4250.0	86	19446	No
174	GOM_NL__2PRFIN20051118_152745_000000412042_00354_19446_8592.N1	18-NOV-2005 15:27:45	Dark	41.000	64	Gam Cen	2.2000	10600.	82	19446	No
175	GOM_NL__2PRFIN20051118_153028_000000432042_00354_19446_8593.N1	18-NOV-2005 15:30:28	Dark	43.000	20	Bet Cru	1.2530	30000.	86	19446	No
176	GOM_NL__2PRFIN20051118_153136_000000452042_00355_19447_8594.N1	18-NOV-2005 15:31:36	Dark	44.500	12	Alp1Cru	0.77500	30000.	89	19447	No
177	GOM_NL__2PRFIN20051118_153348_000000382042_00355_19447_8577.N1	18-NOV-2005 15:33:48	Dark	37.500	124	The Car	2.7640	30000.	75	19447	No
178	GOM_NL__2PRFIN20051118_155150_000000372042_00355_19447_8578.N1	18-NOV-2005 15:51:50	Straylight	36.500	157	The1Eri	2.9060	9300.0	73	19447	No
179	GOM_NL__2PRFIN20051118_160927_000000372042_00355_19447_8579.N1	18-NOV-2005 16:09:27	Bright	36.500	105	6Bet Ari	2.6450	8900.0	73	19447	No
180	GOM_NL__2PRFIN20051118_161322_000000352042_00355_19447_8580.N1	18-NOV-2005 16:13:22	Bright	35.000	173	4Bet Tri	3.0040	8900.0	70	19447	No
181	GOM_NL__2PRFIN20051118_161527_000000352042_00355_19447_8581.N1	18-NOV-2005 16:15:27	Bright	35.000	73	57Gam1And	2.2600	13100.	70	19447	No
182	GOM_NL__2PRFIN20051118_161957_000000362042_00355_19447_8582.N1	18-NOV-2005 16:19:57	Bright	35.500	68	18Alp Cas	2.2250	4500.0	71	19447	No
183	GOM_NL__2PRFIN20051118_162841_000000352042_00355_19447_8583.N1	18-NOV-2005 16:28:41	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	19447	No
184	GOM_NL__2PRFIN20051118_163308_000000362042_00355_19447_8584.N1	18-NOV-2005 16:33:08	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	19447	No
185	GOM_NL__2PRFIN20051118_163841_000000352042_00355_19447_8585.N1	18-NOV-2005 16:38:41	Bright	35.000	32	77Eps UMa	1.7630	11000.	70	19447	No
186	GOM_NL__2PRFIN20051118_164025_000000362042_00355_19447_8586.N1	18-NOV-2005 16:40:25	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	19447	No
187	GOM_NL__2PRFIN20051118_164304_000000322042_00355_19447_8587.N1	18-NOV-2005 16:43:04	Bright	32.000	180	27Gam Boo	3.0400	8000.0	64	19447	No
188	GOM_NL__2PRFIN20051118_164833_000000342042_00355_19447_8588.N1	18-NOV-2005 16:48:33	Bright	34.000	3	16Alp Boo	-0.050000	4250.0	68	19447	No
189	GOM_NL__2PRFIN20051118_165144_000000352042_00355_19447_8589.N1	18-NOV-2005 16:51:44	Bright	35.000	138	47Eps Vir	2.8280	4700.0	70	19447	No
190	GOM_NL__2PRFIN20051118_165537_000000542042_00355_19447_8590.N1	18-NOV-2005 16:55:37	Bright	54.000	121	29Gam Vir	2.7400	7200.0	108	19447	No
191	GOM_NL__2PRFIN20051118_170046_000000442042_00355_19447_8591.N1	18-NOV-2005 17:00:46	Twilight	43.500	100	4Gam Crv	2.5800	13100.	87	19447	No
192	GOM_NL__2PRFIN20051118_170218_000000472042_00355_19447_8592.N1	18-NOV-2005 17:02:18	Twilight	46.500	171	2Eps Crv	3.0010	4250.0	93	19447	No
193	GOM_NL__2PRFIN20051118_170821_000000382042_00355_19447_8593.N1	18-NOV-2005 17:08:21	Dark	38.000	64	Gam Cen	2.2000	10600.	76	19447	No
194	GOM_NL__2PRFIN20051118_171104_000000392042_00355_19447_8594.N1	18-NOV-2005 17:11:04	Dark	39.000	20	Bet Cru	1.2530	30000.	78	19447	No
195	GOM_NL__2PRFIN20051118_171212_000000482042_00356_19448_8595.N1	18-NOV-2005 17:12:12	Dark	47.500	12	Alp1Cru	0.77500	30000.	95	19448	No
196	GOM_NL__2PRFIN20051118_171425_000000382042_00356_19448_8577.N1	18-NOV-2005 17:14:25	Dark	37.500	124	The Car	2.7640	30000.	75	19448	No
197	GOM_NL__2PRFIN20051118_173226_000000382042_00356_19448_8578.N1	18-NOV-2005 17:32:26	Straylight	38.000	157	The1Eri	2.9060	9300.0	76	19448	No
198	GOM_NL__2PRFIN20051118_175003_000000362042_00356_19448_8579.N1	18-NOV-2005 17:50:03	Bright	36.000	105	6Bet Ari	2.6450	8900.0	72	19448	No
199	GOM_NL__2PRFIN20051118_175359_000000352042_00356_19448_8580.N1	18-NOV-2005 17:53:59	Bright	35.000	173	4Bet Tri	3.0040	8900.0	70	19448	No
200	GOM_NL__2PRFIN20051118_175603_000000352042_00356_19448_8581.N1	18-NOV-2005 17:56:03	Bright	34.500	73	57Gam1And	2.2600	13100.	69	19448	No
201	GOM_NL__2PRFIN20051118_180033_000000372042_00356_19448_8582.N1	18-NOV-2005 18:00:33	Bright	37.000	68	18Alp Cas	2.2250	4500.0	74	19448	No
202	GOM_NL__2PRFIN20051118_180917_000000382042_00356_19448_8583.N1	18-NOV-2005 18:09:17	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	19448	No
203	GOM_NL__2PRFIN20051118_181344_000000382042_00356_19448_8584.N1	18-NOV-2005 18:13:44	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	19448	No
204	GOM_NL__2PRFIN20051118_181917_000000372042_00356_19448_8585.N1	18-NOV-2005 18:19:17	Bright	36.500	32	77Eps UMa	1.7630	11000.	73	19448	No
205	GOM_NL__2PRFIN20051118_182101_000000352042_00356_19448_8586.N1	18-NOV-2005 18:21:01	Bright	35.000	39	85Eta UMa	1.8540	24000.	70	19448	No
206	GOM_NL__2PRFIN20051118_182340_000000352042_00356_19448_8587.N1	18-NOV-2005 18:23:40	Bright	34.500	180	27Gam Boo	3.0400	8000.0	69	19448	No
207	GOM_NL__2PRFIN20051118_182909_000000332042_00356_19448_8588.N1	18-NOV-2005 18:29:09	Bright	33.000	3	16Alp Boo	-0.050000	4250.0	66	19448	No
208	GOM_NL__2PRFIN20051118_183220_000000452042_00356_19448_8589.N1	18-NOV-2005 18:32:20	Bright	45.000	138	47Eps Vir	2.8280	4700.0	90	19448	No
209	GOM_NL__2PRFIN20051118_183614_000000552042_00356_19448_8590.N1	18-NOV-2005 18:36:14	Bright	55.000	121	29Gam Vir	2.7400	7200.0	110	19448	No
210	GOM_NL__2PRFIN20051118_184122_000000432042_00356_19448_8591.N1	18-NOV-2005 18:41:22	Twilight	43.000	100	4Gam Crv	2.5800	13100.	86	19448	No
211	GOM_NL__2PRFIN20051118_184254_000000442042_00356_19448_8592.N1	18-NOV-2005 18:42:54	Twilight	44.000	171	2Eps Crv	3.0010	4250.0	88	19448	No
212	GOM_NL__2PRFIN20051118_184857_000000382042_00356_19448_8593.N1	18-NOV-2005 18:48:57	Dark	37.500	64	Gam Cen	2.2000	10600.	75	19448	No
213	GOM_NL__2PRFIN20051118_185140_000000392042_00356_19448_8594.N1	18-NOV-2005 18:51:40	Dark	39.000	20	Bet Cru	1.2530	30000.	78	19448	No
214	GOM_NL__2PRFIN20051118_185248_000000382042_00357_19449_8595.N1	18-NOV-2005 18:52:48	Dark	38.000	12	Alp1Cru	0.77500	30000.	76	19449	No
215	GOM_NL__2PRFIN20051118_185501_000000382042_00357_19449_8597.N1	18-NOV-2005 18:55:01	Dark	37.500	124	The Car	2.7640	30000.	75	19449	No
216	GOM_NL__2PRFIN20051118_191302_000000382042_00357_19449_8598.N1	18-NOV-2005 19:13:02	Straylight	38.000	157	The1Eri	2.9060	9300.0	76	19449	No
217	GOM_NL__2PRFIN20051118_193040_000000362042_00357_19449_8599.N1	18-NOV-2005 19:30:40	Bright	35.500	105	6Bet Ari	2.6450	8900.0	71	19449	No
218	GOM_NL__2PRFIN20051118_193434_000000342042_00357_19449_8600.N1	18-NOV-2005 19:34:34	Bright	34.000	173	4Bet Tri	3.0040	8900.0	68	19449	No
219	GOM_NL__2PRFIN20051118_193638_000000372042_00357_19449_8601.N1	18-NOV-2005 19:36:38	Bright	36.500	73	57Gam1And	2.2600	13100.	73	19449	No

220	GOM_NL__2PRFIN20051118_194109_000000362042_00357_19449_8602.N1	18-NOV-2005 19:41:09	Bright	36.000	68	18Alp Cas	2.2250	4500.0	72	19449	No
221	GOM_NL__2PRFIN20051118_194953_000000382042_00357_19449_8603.N1	18-NOV-2005 19:49:53	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	19449	No
222	GOM_NL__2PRFIN20051118_195420_000000372042_00357_19449_8604.N1	18-NOV-2005 19:54:20	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	19449	No
223	GOM_NL__2PRFIN20051118_195953_000000352042_00357_19449_8605.N1	18-NOV-2005 19:59:53	Bright	34.500	32	77Eps UMa	1.7630	11000.	69	19449	No
224	GOM_NL__2PRFIN20051118_200137_000000362042_00357_19449_8606.N1	18-NOV-2005 20:01:37	Bright	36.000	39	85Eta UMa	1.8540	24000.	72	19449	No
225	GOM_NL__2PRFIN20051118_200416_000000352042_00357_19449_8607.N1	18-NOV-2005 20:04:16	Bright	34.500	180	27Gam Boo	3.0400	8000.0	69	19449	No
226	GOM_NL__2PRFIN20051118_200945_000000342042_00357_19449_8608.N1	18-NOV-2005 20:09:45	Bright	33.500	3	16Alp Boo	-0.050000	4250.0	67	19449	No
227	GOM_NL__2PRFIN20051118_201256_000000362042_00357_19449_8609.N1	18-NOV-2005 20:12:56	Bright	35.500	138	47Eps Vir	2.8280	4700.0	71	19449	No
228	GOM_NL__2PRFIN20051118_201650_000000552042_00357_19449_8610.N1	18-NOV-2005 20:16:50	Bright	55.000	121	29Gam Vir	2.7400	7200.0	110	19449	No
229	GOM_NL__2PRFIN20051118_202159_000000392042_00357_19449_8611.N1	18-NOV-2005 20:21:59	Twilight	39.000	100	4Gam Crv	2.5800	13100.	78	19449	No
230	GOM_NL__2PRFIN20051118_202330_000000462042_00357_19449_8612.N1	18-NOV-2005 20:23:30	Twilight	45.500	171	2Eps Crv	3.0010	4250.0	91	19449	No
231	GOM_NL__2PRFIN20051118_202933_000000372042_00357_19449_8613.N1	18-NOV-2005 20:29:33	Dark	36.500	64	Gam Cen	2.2000	10600.	73	19449	No
232	GOM_NL__2PRFIN20051118_203216_000000402042_00357_19449_8614.N1	18-NOV-2005 20:32:16	Dark	40.000	20	Bet Cru	1.2530	30000.	80	19449	No
233	GOM_NL__2PRFIN20051118_203324_000000382042_00358_19450_8615.N1	18-NOV-2005 20:33:24	Dark	37.500	12	Alp1Cru	0.77500	30000.	75	19450	No
234	GOM_NL__2PRFIN20051118_203537_000000362042_00358_19450_8672.N1	18-NOV-2005 20:35:37	Dark	36.000	124	The Car	2.7640	30000.	72	19450	No
235	GOM_NL__2PRFIN20051118_205338_000000362042_00358_19450_8673.N1	18-NOV-2005 20:53:38	Straylight	35.500	157	The1Eri	2.9060	9300.0	71	19450	No
236	GOM_NL__2PRFIN20051118_211115_000000372042_00358_19450_8674.N1	18-NOV-2005 21:11:15	Bright	36.500	105	6Bet Ari	2.6450	8900.0	73	19450	No
237	GOM_NL__2PRFIN20051118_211510_000000342042_00358_19450_8675.N1	18-NOV-2005 21:15:10	Bright	34.000	173	4Bet Tri	3.0040	8900.0	68	19450	No
238	GOM_NL__2PRFIN20051118_211714_000000362042_00358_19450_8676.N1	18-NOV-2005 21:17:14	Bright	36.000	73	57Gam1And	2.2600	13100.	72	19450	No
239	GOM_NL__2PRFIN20051118_212145_000000342042_00358_19450_8677.N1	18-NOV-2005 21:21:45	Bright	33.500	68	18Alp Cas	2.2250	4500.0	67	19450	No
240	GOM_NL__2PRFIN20051118_213029_000000362042_00358_19450_8678.N1	18-NOV-2005 21:30:29	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	19450	No
241	GOM_NL__2PRFIN20051118_213456_000000362042_00358_19450_8679.N1	18-NOV-2005 21:34:56	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	19450	No
242	GOM_NL__2PRFIN20051118_214029_000000382042_00358_19450_8680.N1	18-NOV-2005 21:40:29	Bright	38.000	32	77Eps UMa	1.7630	11000.	76	19450	No
243	GOM_NL__2PRFIN20051118_214213_000000362042_00358_19450_8681.N1	18-NOV-2005 21:42:13	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	19450	No
244	GOM_NL__2PRFIN20051118_214452_000000352042_00358_19450_8682.N1	18-NOV-2005 21:44:52	Bright	35.000	180	27Gam Boo	3.0400	8000.0	70	19450	No
245	GOM_NL__2PRFIN20051118_215021_000000332042_00358_19450_8683.N1	18-NOV-2005 21:50:21	Bright	33.000	3	16Alp Boo	-0.050000	4250.0	66	19450	No
246	GOM_NL__2PRFIN20051118_215332_000000532042_00358_19450_8684.N1	18-NOV-2005 21:53:32	Bright	53.000	138	47Eps Vir	2.8280	4700.0	106	19450	No
247	GOM_NL__2PRFIN20051118_215726_000000552042_00358_19450_8685.N1	18-NOV-2005 21:57:26	Bright	54.500	121	29Gam Vir	2.7400	7200.0	109	19450	No
248	GOM_NL__2PRFIN20051118_220235_000000412042_00358_19450_8686.N1	18-NOV-2005 22:02:35	Twilight	40.500	100	4Gam Crv	2.5800	13100.	81	19450	No
249	GOM_NL__2PRFIN20051118_220407_000000402042_00358_19450_8687.N1	18-NOV-2005 22:04:07	Twilight	39.500	171	2Eps Crv	3.0010	4250.0	79	19450	No
250	GOM_NL__2PRFIN20051118_221009_000000402042_00358_19450_8688.N1	18-NOV-2005 22:10:09	Dark	40.000	64	Gam Cen	2.2000	10600.	80	19450	No
251	GOM_NL__2PRFIN20051118_221252_000000402042_00358_19450_8689.N1	18-NOV-2005 22:12:52	Dark	39.500	20	Bet Cru	1.2530	30000.	79	19450	No
252	GOM_NL__2PRFIN20051118_221614_000000372042_00359_19451_8597.N1	18-NOV-2005 22:16:14	Dark	37.000	124	The Car	2.7640	30000.	74	19451	No
253	GOM_NL__2PRFIN20051118_223414_000000402042_00359_19451_8598.N1	18-NOV-2005 22:34:14	Straylight	39.500	157	The1Eri	2.9060	9300.0	79	19451	No
254	GOM_NL__2PRFIN20051118_225151_000000372042_00359_19451_8599.N1	18-NOV-2005 22:51:51	Bright	36.500	105	6Bet Ari	2.6450	8900.0	73	19451	No
255	GOM_NL__2PRFIN20051118_225546_000000342042_00359_19451_8600.N1	18-NOV-2005 22:55:46	Bright	33.500	173	4Bet Tri	3.0040	8900.0	67	19451	No
256	GOM_NL__2PRFIN20051118_225750_000000372042_00359_19451_8601.N1	18-NOV-2005 22:57:50	Bright	37.000	73	57Gam1And	2.2600	13100.	74	19451	No
257	GOM_NL__2PRFIN20051118_230221_000000362042_00359_19451_8602.N1	18-NOV-2005 23:02:21	Bright	35.500	68	18Alp Cas	2.2250	4500.0	71	19451	No
258	GOM_NL__2PRFIN20051118_231105_000000362042_00359_19451_8603.N1	18-NOV-2005 23:11:05	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	19451	No
259	GOM_NL__2PRFIN20051118_231532_000000382042_00359_19451_8604.N1	18-NOV-2005 23:15:32	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	19451	No
260	GOM_NL__2PRFIN20051118_232105_000000382042_00359_19451_8605.N1	18-NOV-2005 23:21:05	Bright	37.500	32	77Eps UMa	1.7630	11000.	75	19451	No
261	GOM_NL__2PRFIN20051118_232249_000000362042_00359_19451_8606.N1	18-NOV-2005 23:22:49	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	19451	No
262	GOM_NL__2PRFIN20051118_233057_000000332042_00359_19451_8607.N1	18-NOV-2005 23:30:57	Bright	33.000	3	16Alp Boo	-0.050000	4250.0	66	19451	No
263	GOM_NL__2PRFIN20051118_233408_000000532042_00359_19451_8608.N1	18-NOV-2005 23:34:08	Bright	53.000	138	47Eps Vir	2.8280	4700.0	106	19451	No
264	GOM_NL__2PRFIN20051118_233802_000000552042_00359_19451_8609.N1	18-NOV-2005 23:38:02	Bright	54.500	121	29Gam Vir	2.7400	7200.0	109	19451	No
265	GOM_NL__2PRFIN20051118_234311_000000402042_00359_19451_8610.N1	18-NOV-2005 23:43:11	Twilight	39.500	100	4Gam Crv	2.5800	13100.	79	19451	No
266	GOM_NL__2PRFIN20051118_234443_000000432042_00359_19451_8611.N1	18-NOV-2005 23:44:43	Twilight	42.500	171	2Eps Crv	3.0010	4250.0	85	19451	No
267	GOM_NL__2PRFIN20051118_235328_000000402042_00359_19451_8612.N1	18-NOV-2005 23:53:28	Dark	40.000	20	Bet Cru	1.2530	30000.	80	19451	No
268	GOM_NL__2PRFIN20051118_235650_000000382042_00360_19452_8597.N1	18-NOV-2005 23:56:50	Dark	37.500	124	The Car	2.7640	30000.	75	19452	No

### 3. Quality information per product

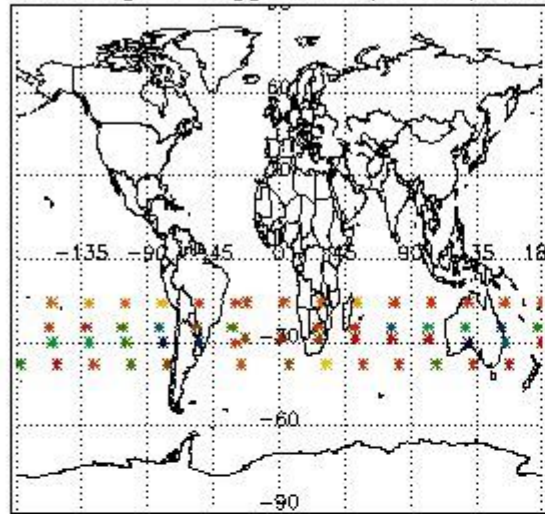
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

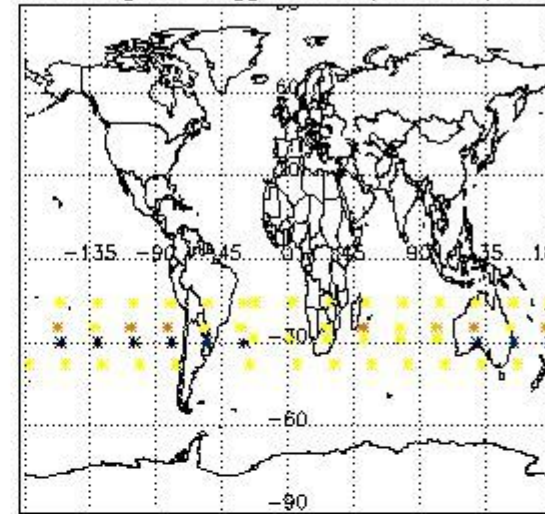


3.2 Plot quality information per product (world map)

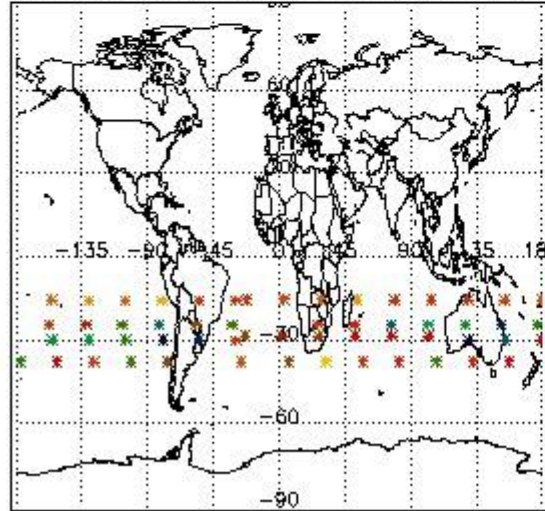
Percentage of flagged data per O3 profile



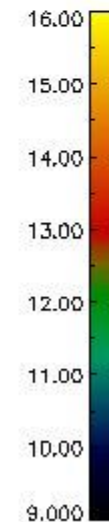
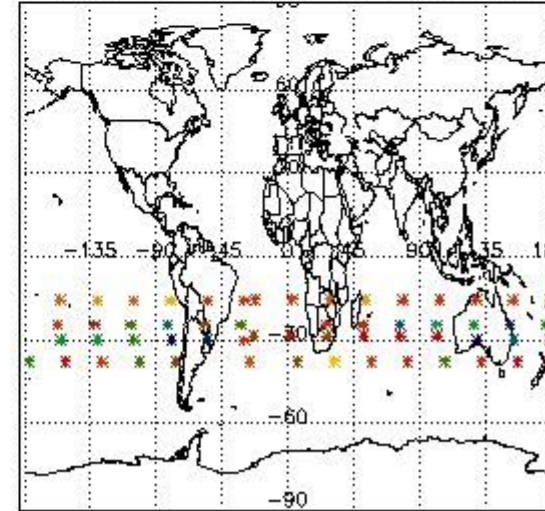
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



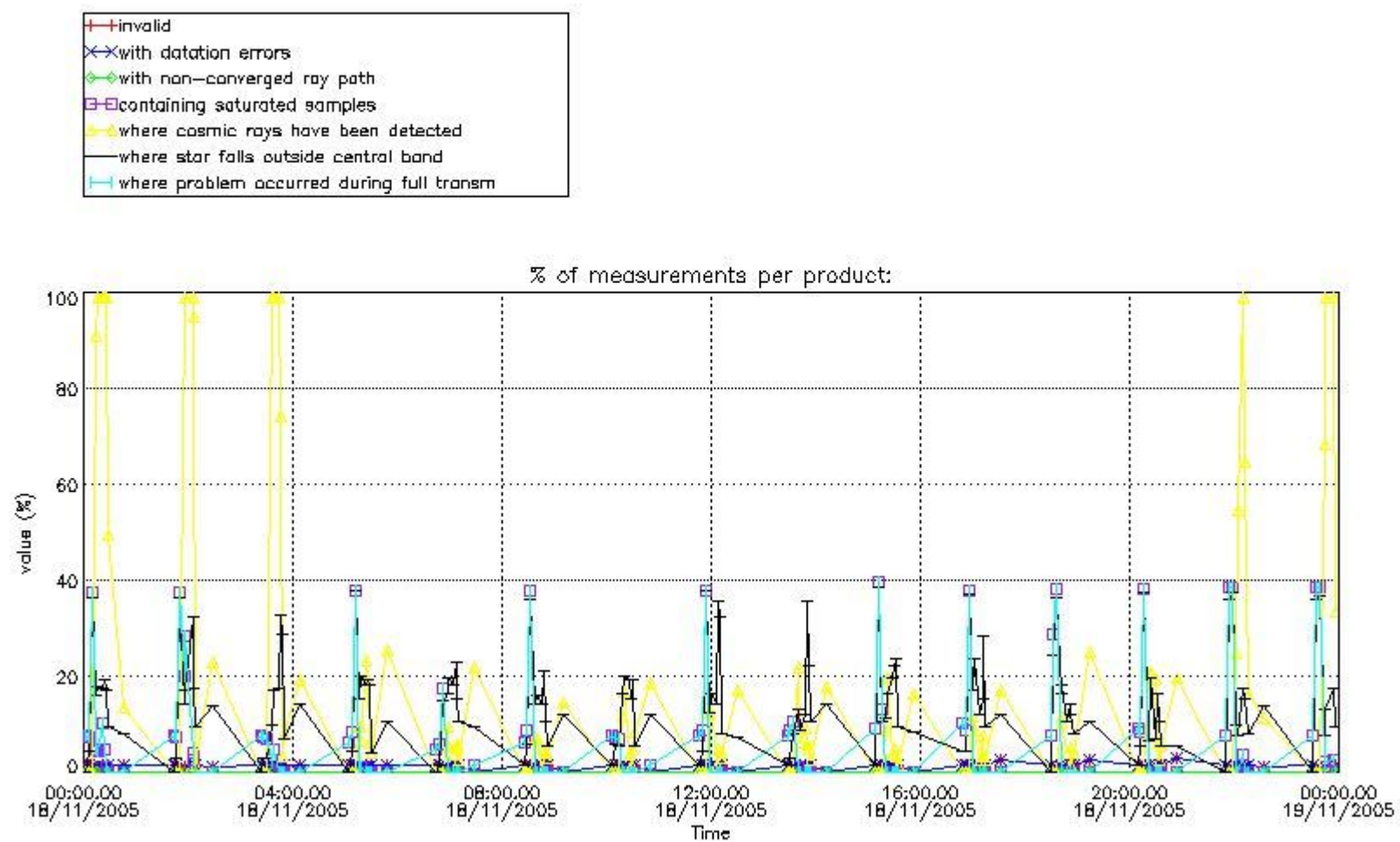
#### 4. Level 1 quality information per product

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

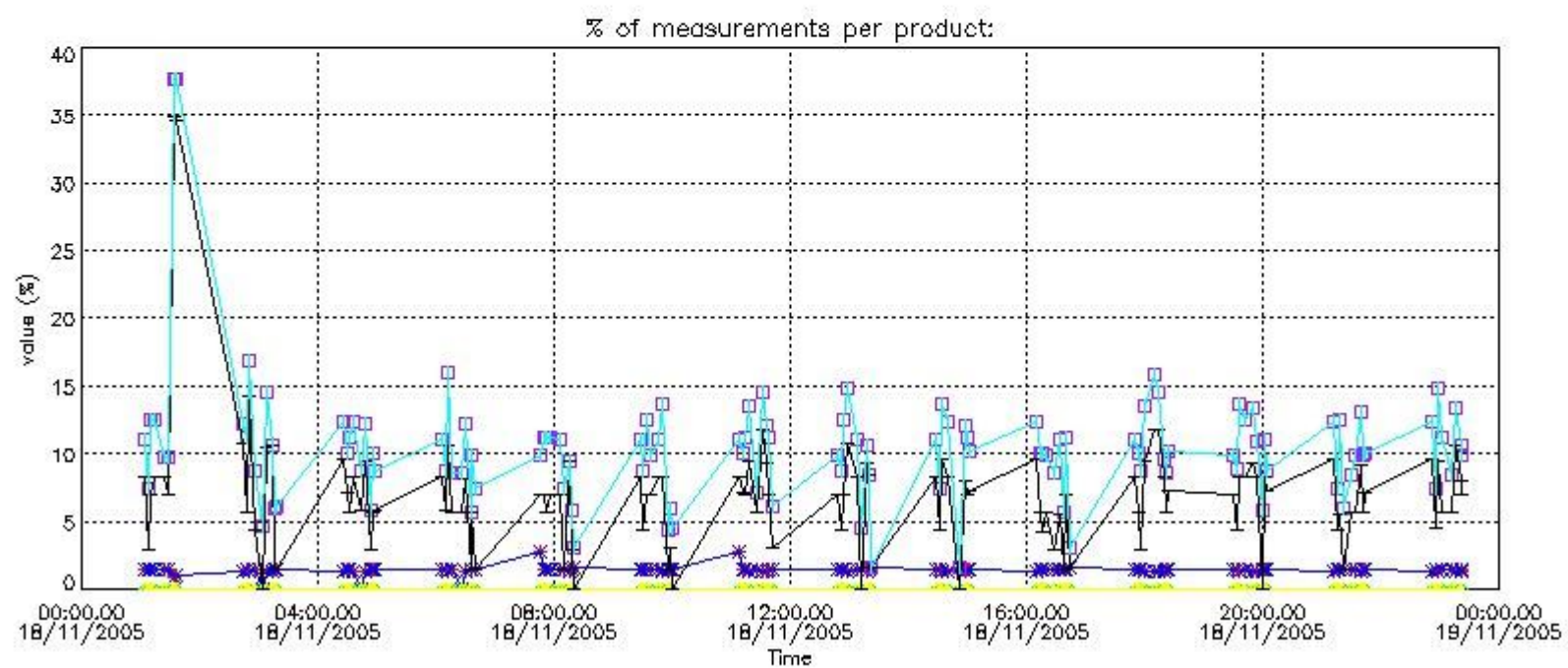
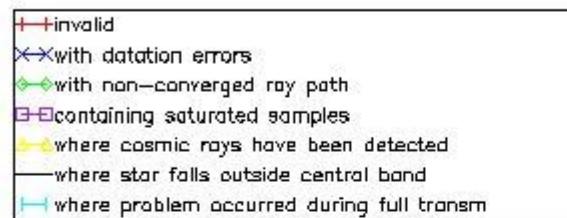
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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





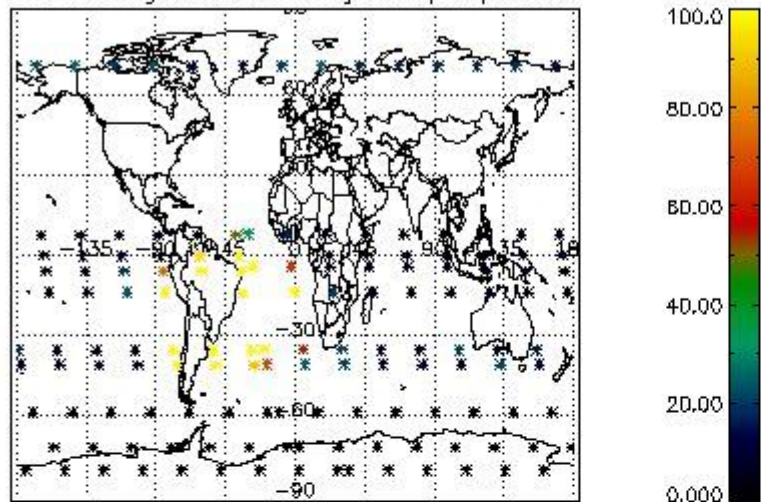
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



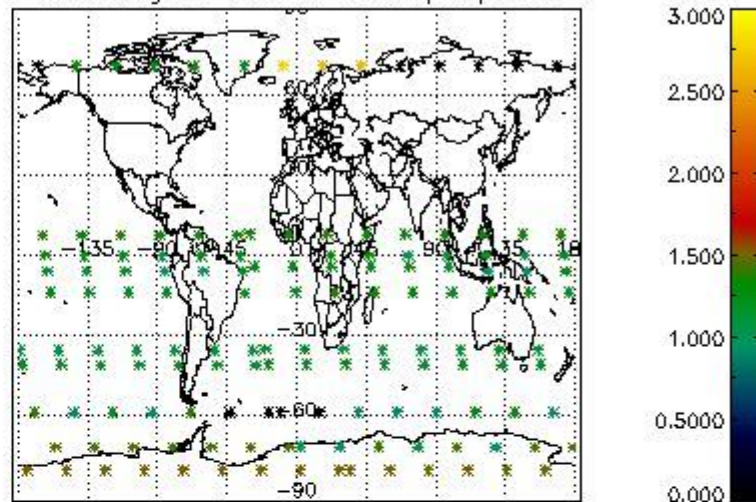
#### 4.2 Plot quality information per product coming from level 1b processing (world map)

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

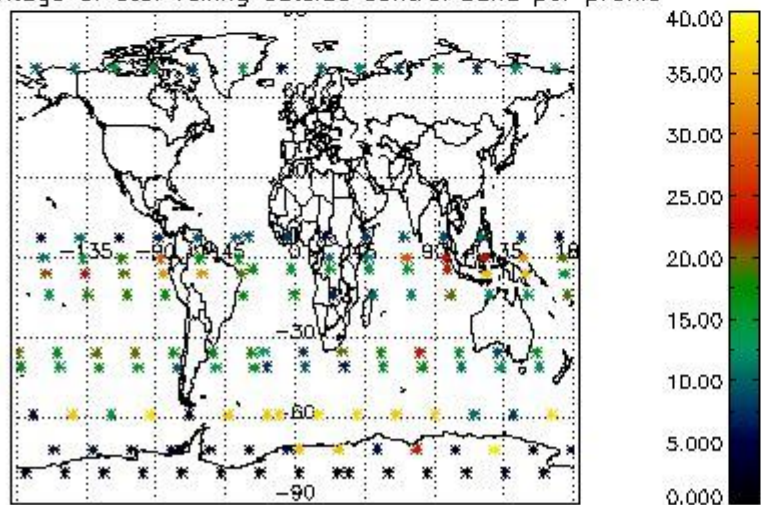
Percentage of cosmic ray hits per profile



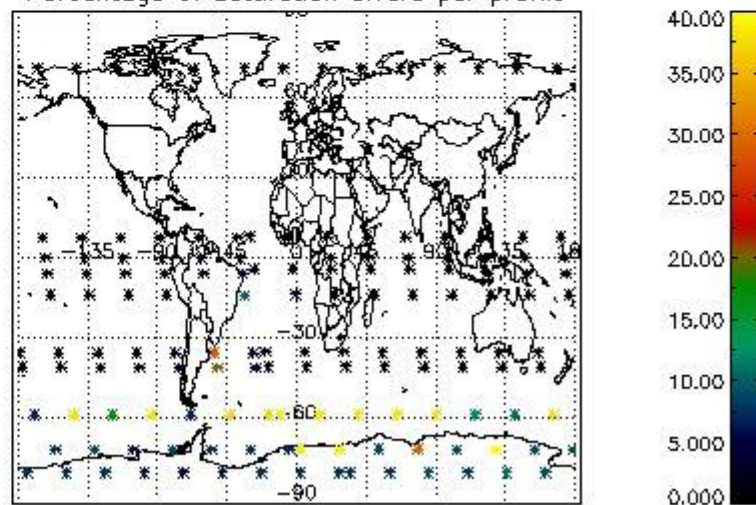
Percentage of datation errors per profile



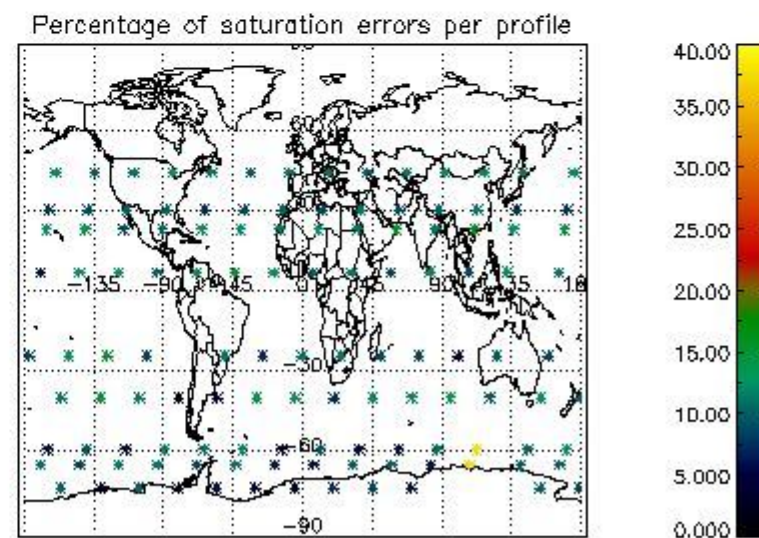
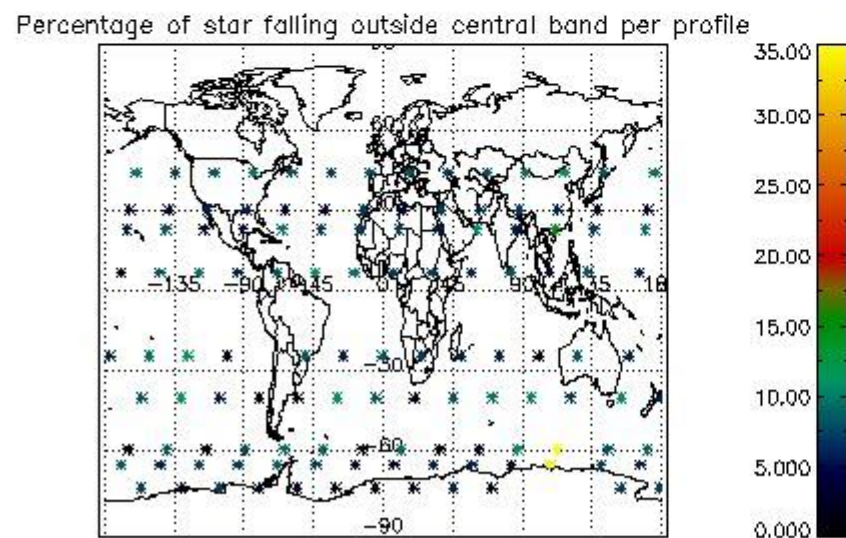
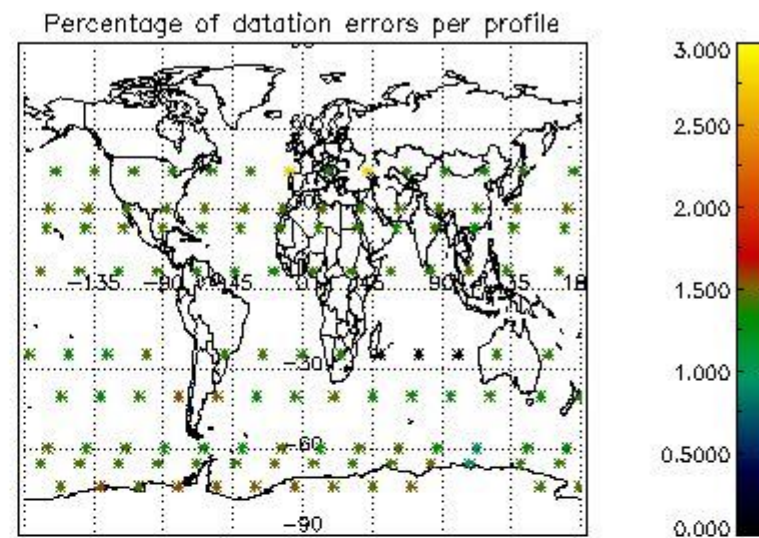
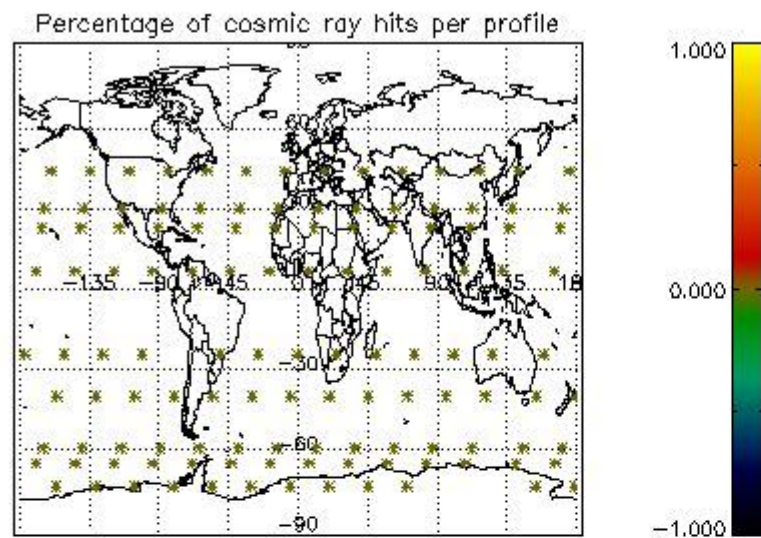
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

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

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

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

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

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

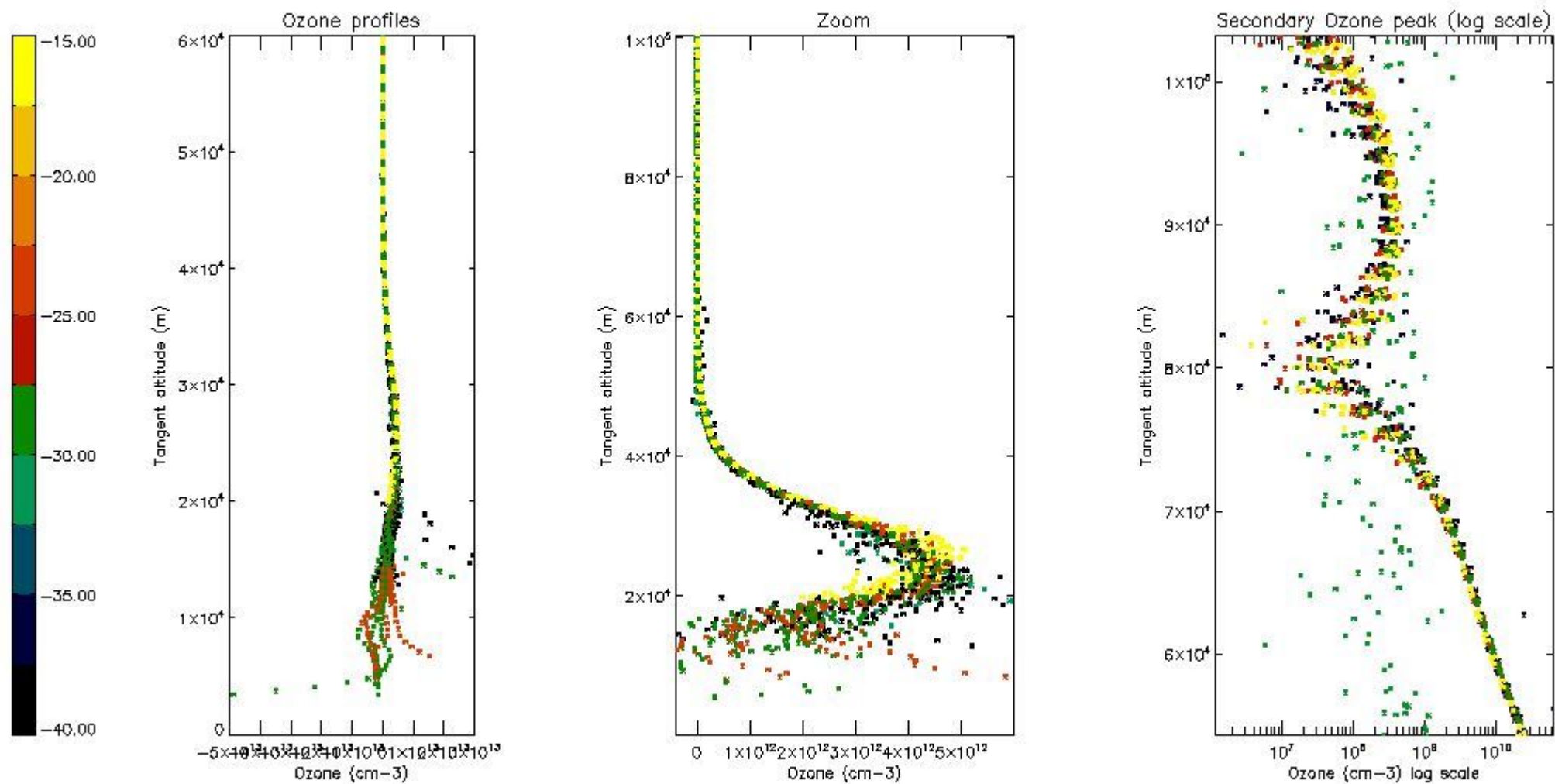
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	23
STD < 20	14

STD < 10	12
STD < 5	9

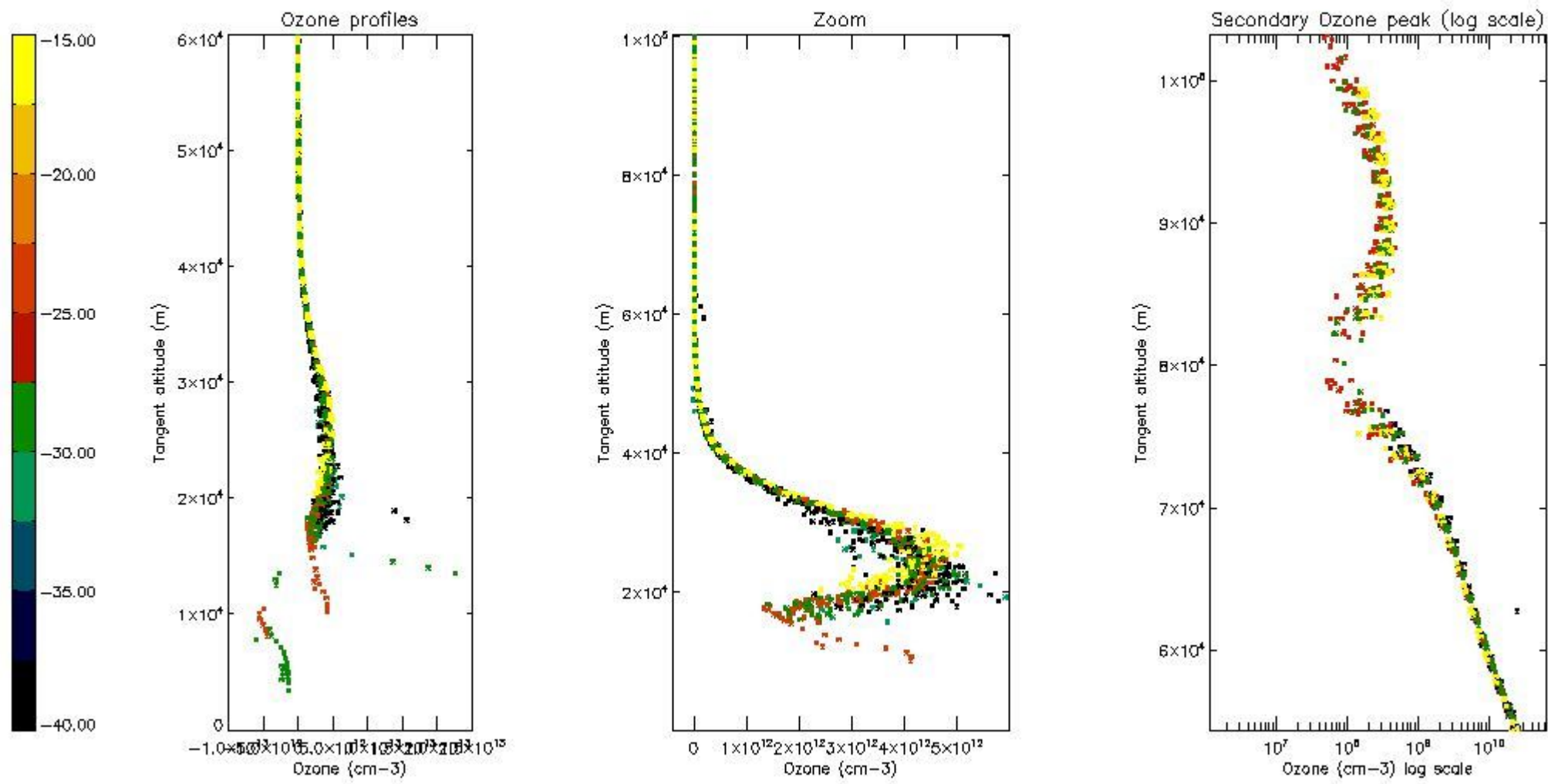
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



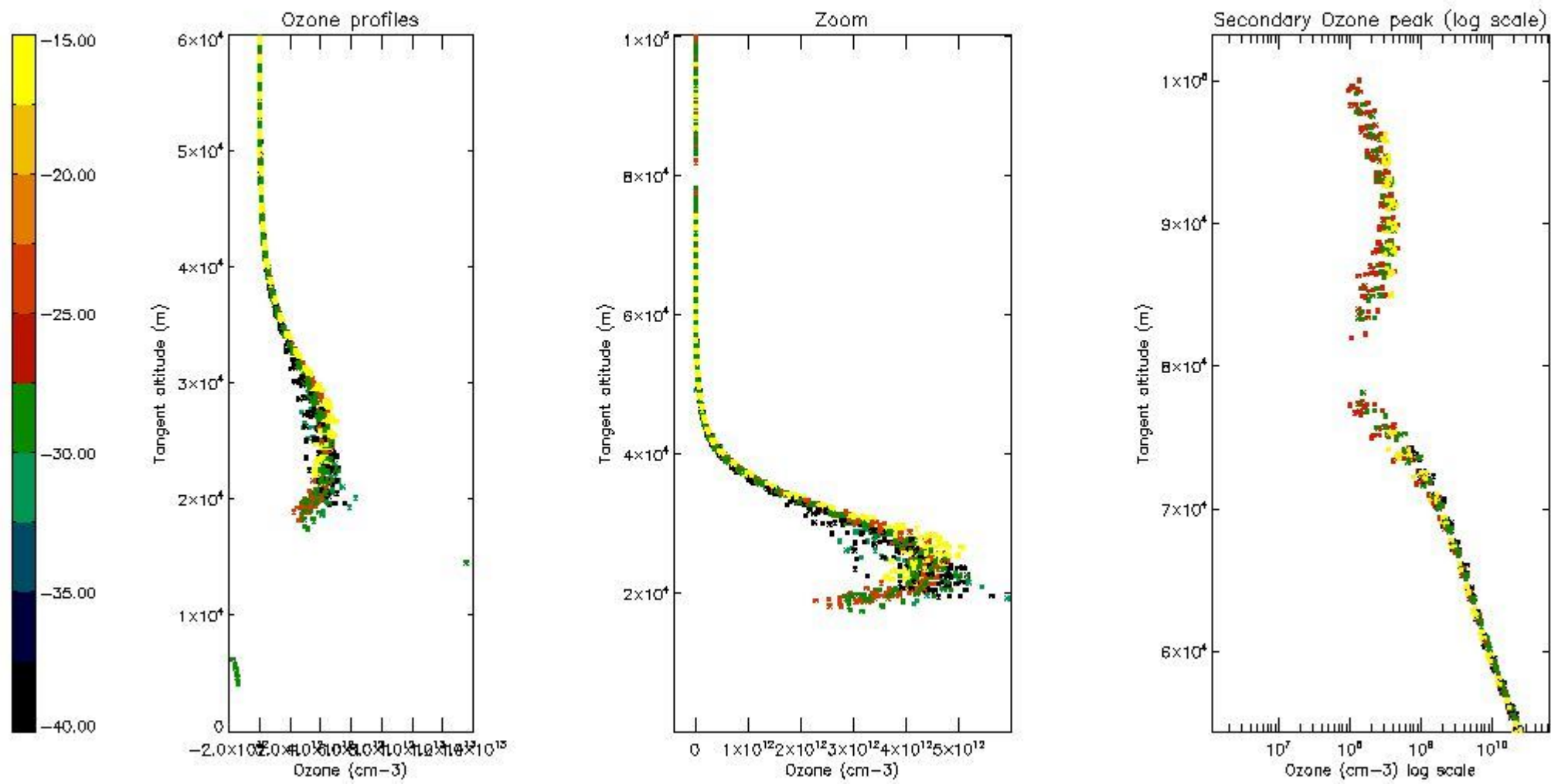
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



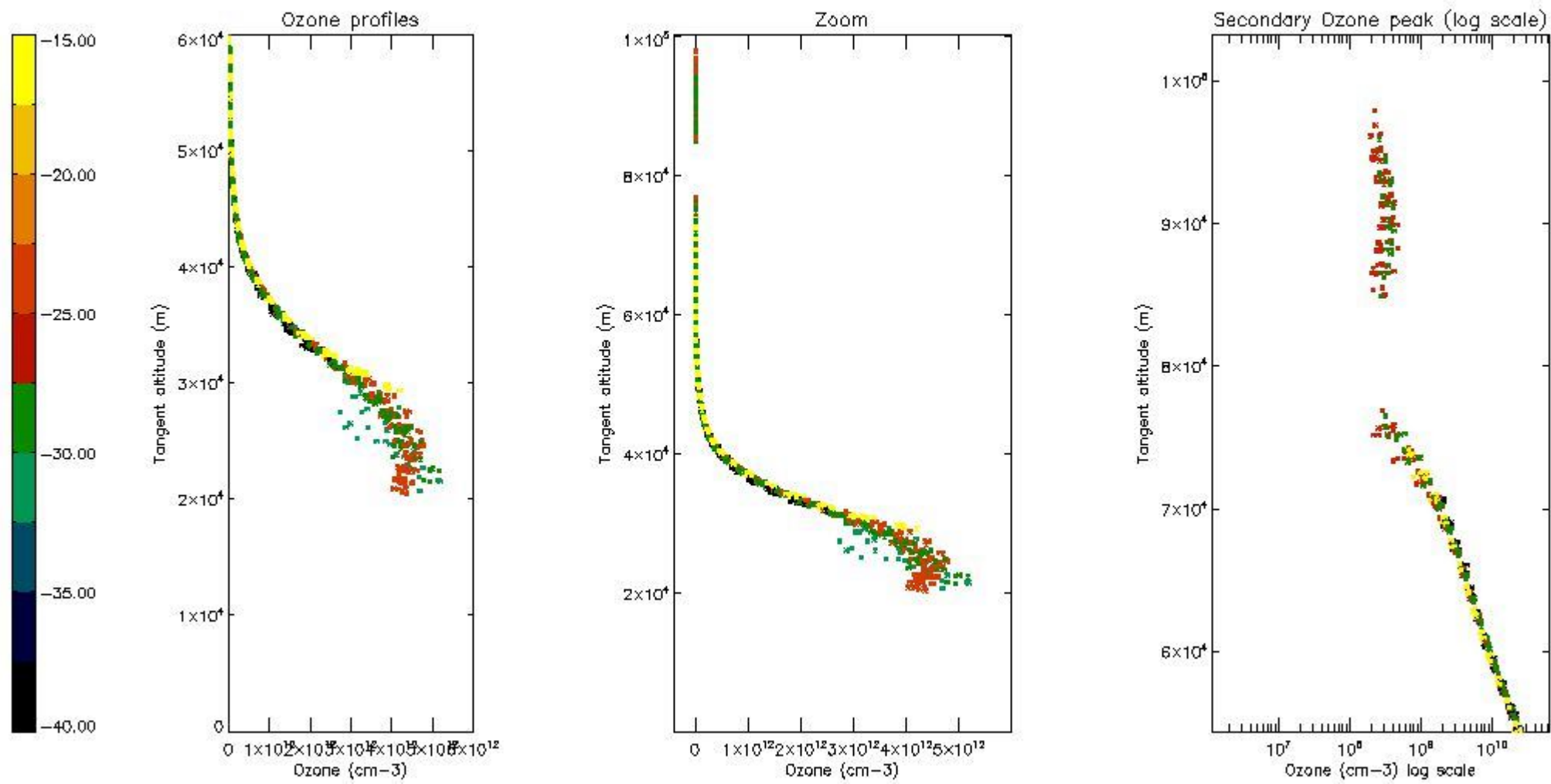
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



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

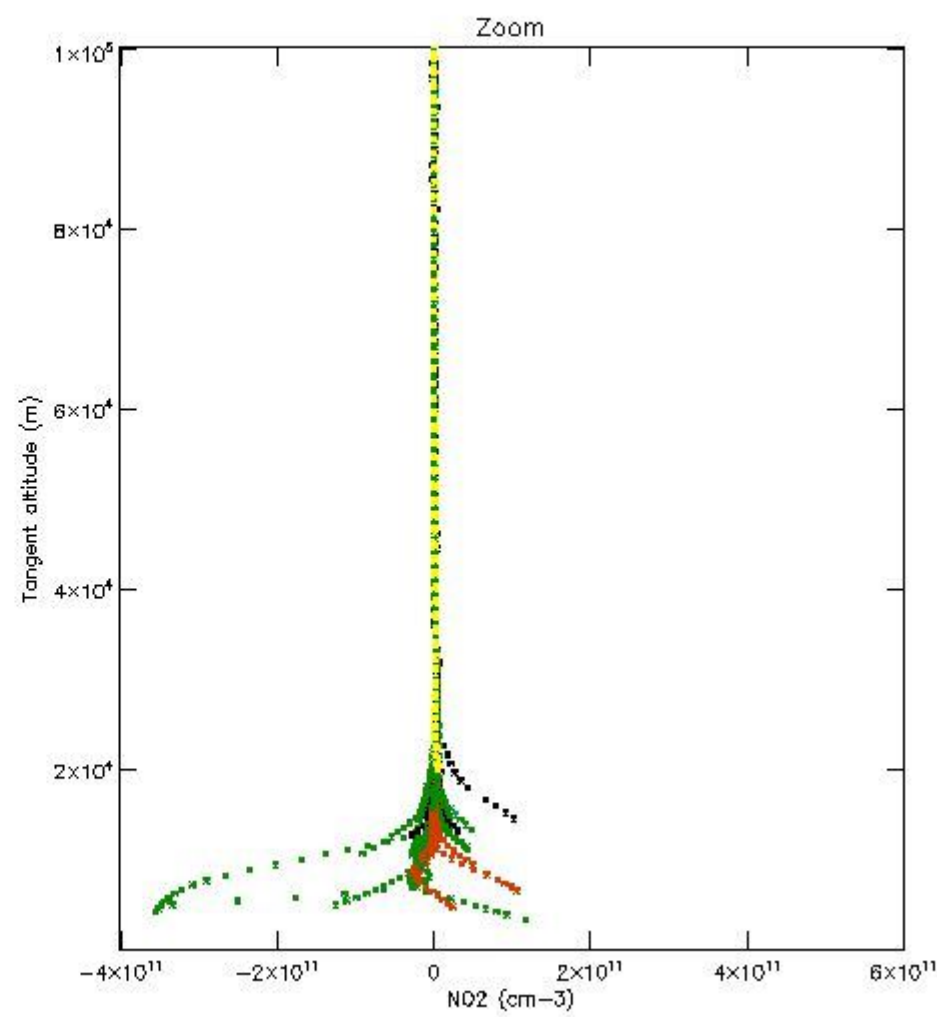
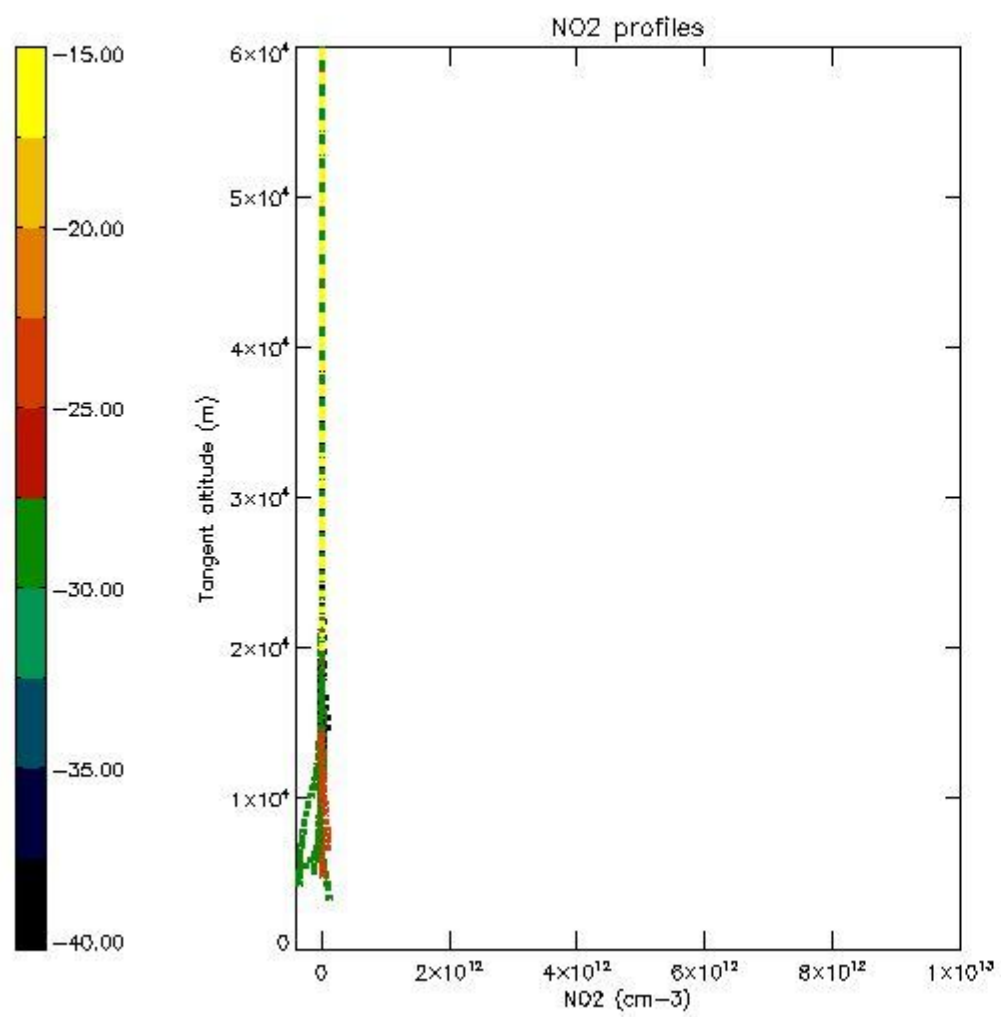
The colorbar represents the latitude.



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

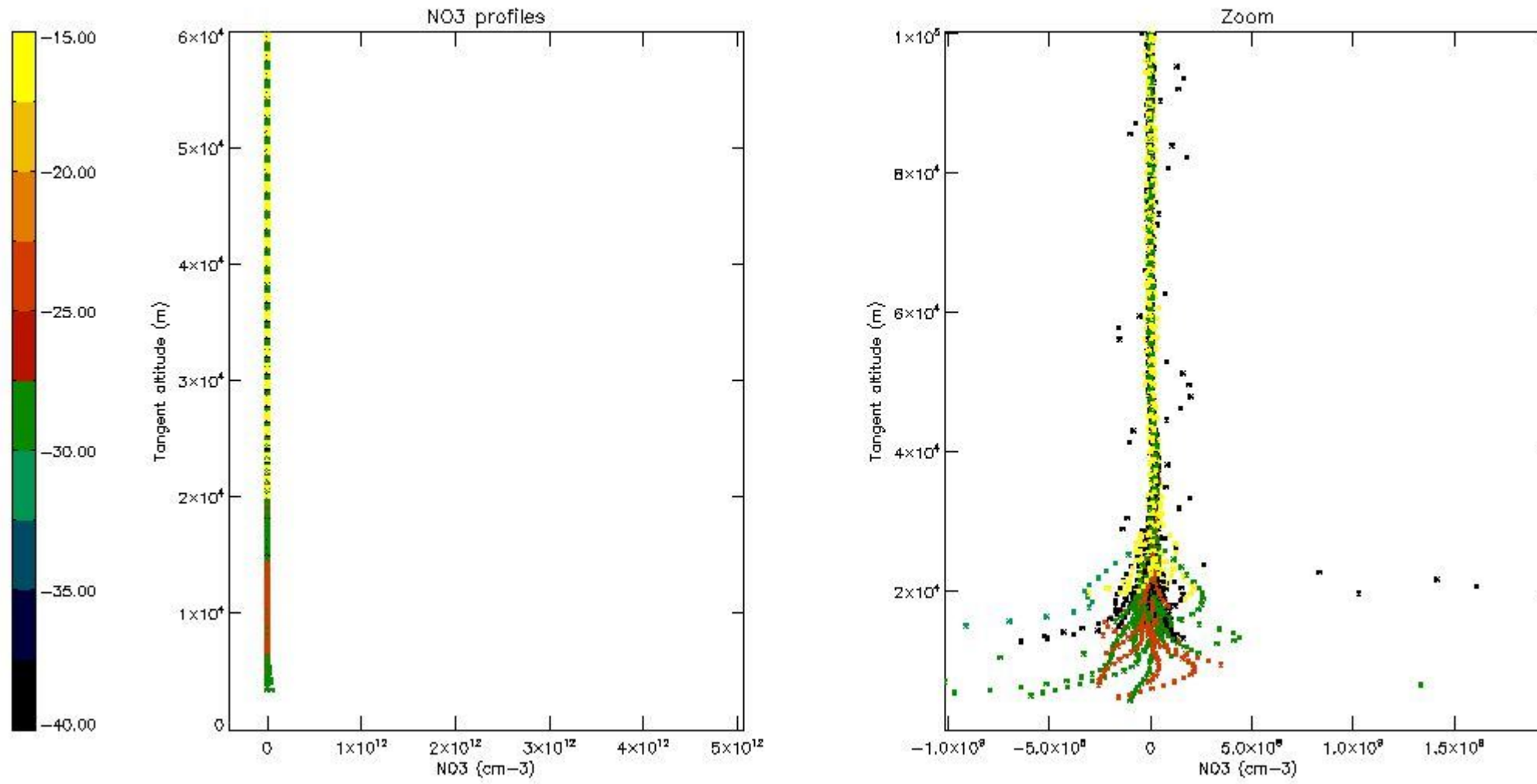
The colorbar represents the latitude.





*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	18-NOV-2005 00:02:32
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	18-NOV-2005 00:02:32
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	18-NOV-2005 00:02:32

# GOMOS Level 2 Daily Report

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

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

Item	Value
Time of report generation	18APR2013 12:33:31
Data source version	GOMOS/6.01
Start time of products	18-11-2005 (18NOV2005 00:00:00)
Stop time of products	19-11-2005 (19NOV2005 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	268
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__2PRFIN20051118_000232_000000332042_00345_19437_8567.N1	18-NOV-2005 00:02:32	Bright	33.000	3	16Alp Boo	-0.050000	4250.0	66	19437	No
2	GOM_NL__2PRFIN20051118_000542_000000352042_00345_19437_8568.N1	18-NOV-2005 00:05:42	Bright	35.000	138	47Eps Vir	2.8280	4700.0	70	19437	No
3	GOM_NL__2PRFIN20051118_000934_000000542042_00345_19437_8569.N1	18-NOV-2005 00:09:34	Bright	53.500	121	29Gam Vir	2.7400	7200.0	107	19437	No
4	GOM_NL__2PRFIN20051118_001441_000000442042_00345_19437_8570.N1	18-NOV-2005 00:14:41	Twilight	43.500	100	4Gam Crv	2.5800	13100.	87	19437	No
5	GOM_NL__2PRFIN20051118_001613_000000452042_00345_19437_8571.N1	18-NOV-2005 00:16:13	Twilight	44.500	171	2Eps Crv	3.0010	4250.0	89	19437	No
6	GOM_NL__2PRFIN20051118_002219_000000402042_00345_19437_8572.N1	18-NOV-2005 00:22:19	Dark	40.000	64	Gam Cen	2.2000	10600.	80	19437	No
7	GOM_NL__2PRFIN20051118_002435_000000422042_00345_19437_8573.N1	18-NOV-2005 00:24:35	Dark	41.500	26	Gam Cru	1.6240	2900.0	83	19437	No
8	GOM_NL__2PRFIN20051118_002611_000000412042_00346_19438_8574.N1	18-NOV-2005 00:26:11	Dark	41.000	12	Alp1Cru	0.77500	30000.	82	19438	No
9	GOM_NL__2PRFIN20051118_002822_000000382042_00346_19438_8575.N1	18-NOV-2005 00:28:22	Dark	37.500	124	The Car	2.7640	30000.	75	19438	No
10	GOM_NL__2PRFIN20051118_004624_000000372042_00346_19438_8576.N1	18-NOV-2005 00:46:24	Straylight	37.000	157	The1Eri	2.9060	9300.0	74	19438	No
11	GOM_NL__2PRFIN20051118_010403_000000362042_00346_19438_8577.N1	18-NOV-2005 01:04:03	Bright	36.000	105	6Bet Ari	2.6450	8900.0	72	19438	No
12	GOM_NL__2PRFIN20051118_010759_000000342042_00346_19438_8578.N1	18-NOV-2005 01:07:59	Bright	34.000	173	4Bet Tri	3.0040	8900.0	68	19438	No
13	GOM_NL__2PRFIN20051118_011003_000000362042_00346_19438_8579.N1	18-NOV-2005 01:10:03	Bright	36.000	73	57Gam1And	2.2600	13100.	72	19438	No
14	GOM_NL__2PRFIN20051118_011432_000000362042_00346_19438_8580.N1	18-NOV-2005 01:14:32	Bright	36.000	68	18Alp Cas	2.2250	4500.0	72	19438	No
15	GOM_NL__2PRFIN20051118_012318_000000362042_00346_19438_8581.N1	18-NOV-2005 01:23:18	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	19438	No
16	GOM_NL__2PRFIN20051118_012743_000000362042_00346_19438_8582.N1	18-NOV-2005 01:27:43	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	19438	No
17	GOM_NL__2PRFIN20051118_013318_000000532042_00346_19438_8583.N1	18-NOV-2005 01:33:18	Bright	53.000	32	77Eps UMa	1.7630	11000.	106	19438	No
18	GOM_NL__2PRFIN20051118_013500_000000512042_00346_19438_8584.N1	18-NOV-2005 01:35:00	Bright	50.500	39	85Eta UMa	1.8540	24000.	101	19438	No
19	GOM_NL__2PRFIN20051118_014308_000000332042_00346_19438_8585.N1	18-NOV-2005 01:43:08	Bright	33.000	3	16Alp Boo	-0.050000	4250.0	66	19438	No
20	GOM_NL__2PRFIN20051118_014618_000000352042_00346_19438_8586.N1	18-NOV-2005 01:46:18	Bright	34.500	138	47Eps Vir	2.8280	4700.0	69	19438	No
21	GOM_NL__2PRFIN20051118_015011_000000542042_00346_19438_8587.N1	18-NOV-2005 01:50:11	Bright	53.500	121	29Gam Vir	2.7400	7200.0	107	19438	No
22	GOM_NL__2PRFIN20051118_015518_000000432042_00346_19438_8588.N1	18-NOV-2005 01:55:18	Twilight	42.500	100	4Gam Crv	2.5800	13100.	85	19438	No
23	GOM_NL__2PRFIN20051118_015649_000000442042_00346_19438_8589.N1	18-NOV-2005 01:56:49	Twilight	44.000	171	2Eps Crv	3.0010	4250.0	88	19438	No
24	GOM_NL__2PRFIN20051118_020511_000000502042_00346_19438_8590.N1	18-NOV-2005 02:05:11	Dark	49.500	26	Gam Cru	1.6240	2900.0	99	19438	No
25	GOM_NL__2PRFIN20051118_020647_000000402042_00347_19439_8591.N1	18-NOV-2005 02:06:47	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	19439	No
26	GOM_NL__2PRFIN20051118_020858_000000382042_00347_19439_8592.N1	18-NOV-2005 02:08:58	Dark	37.500	124	The Car	2.7640	30000.	75	19439	No
27	GOM_NL__2PRFIN20051118_022700_000000402042_00347_19439_8593.N1	18-NOV-2005 02:27:00	Straylight	39.500	157	The1Eri	2.9060	9300.0	79	19439	No
28	GOM_NL__2PRFIN20051118_024439_000000372042_00347_19439_8594.N1	18-NOV-2005 02:44:39	Bright	37.000	105	6Bet Ari	2.6450	8900.0	74	19439	No
29	GOM_NL__2PRFIN20051118_024835_000000362042_00347_19439_8595.N1	18-NOV-2005 02:48:35	Bright	35.500	173	4Bet Tri	3.0040	8900.0	71	19439	No
30	GOM_NL__2PRFIN20051118_025039_000000392042_00347_19439_8596.N1	18-NOV-2005 02:50:39	Bright	38.500	73	57Gam1And	2.2600	13100.	77	19439	No
31	GOM_NL__2PRFIN20051118_025508_000000352042_00347_19439_8597.N1	18-NOV-2005 02:55:08	Bright	34.500	68	18Alp Cas	2.2250	4500.0	69	19439	No
32	GOM_NL__2PRFIN20051118_030354_000000332042_00347_19439_8598.N1	18-NOV-2005 03:03:54	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	19439	No
33	GOM_NL__2PRFIN20051118_030819_000000382042_00347_19439_8599.N1	18-NOV-2005 03:08:19	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	19439	No
34	GOM_NL__2PRFIN20051118_031354_000000382042_00347_19439_8600.N1	18-NOV-2005 03:13:54	Bright	37.500	32	77Eps UMa	1.7630	11000.	75	19439	No
35	GOM_NL__2PRFIN20051118_031536_000000342042_00347_19439_8601.N1	18-NOV-2005 03:15:36	Bright	33.500	39	85Eta UMa	1.8540	24000.	67	19439	No
36	GOM_NL__2PRFIN20051118_031815_000000332042_00347_19439_8602.N1	18-NOV-2005 03:18:15	Bright	33.000	180	27Gam Boo	3.0400	8000.0	66	19439	No
37	GOM_NL__2PRFIN20051118_032344_000000332042_00347_19439_8603.N1	18-NOV-2005 03:23:44	Bright	33.000	3	16Alp Boo	-0.050000	4250.0	66	19439	No
38	GOM_NL__2PRFIN20051118_032654_000000352042_00347_19439_8604.N1	18-NOV-2005 03:26:54	Bright	35.000	138	47Eps Vir	2.8280	4700.0	70	19439	No
39	GOM_NL__2PRFIN20051118_033047_000000362042_00347_19439_8605.N1	18-NOV-2005 03:30:47	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	19439	No
40	GOM_NL__2PRFIN20051118_033554_000000412042_00347_19439_8606.N1	18-NOV-2005 03:35:54	Twilight	40.500	100	4Gam Crv	2.5800	13100.	81	19439	No
41	GOM_NL__2PRFIN20051118_033726_000000442042_00347_19439_8607.N1	18-NOV-2005 03:37:26	Twilight	44.000	171	2Eps Crv	3.0010	4250.0	88	19439	No
42	GOM_NL__2PRFIN20051118_034331_000000402042_00347_19439_8608.N1	18-NOV-2005 03:43:31	Dark	40.000	64	Gam Cen	2.2000	10600.	80	19439	No

43	GOM_NL__2PRFIN20051118_034547_000000512042_00347_19439_8594.N1	18-NOV-2005 03:45:47	Dark	50.500	26	Gam Cru	1.6240	2900.0	101	19439	No
44	GOM_NL__2PRFIN20051118_034723_000000472042_00348_19440_8595.N1	18-NOV-2005 03:47:23	Dark	47.000	12	Alp1Cru	0.77500	30000.	94	19440	No
45	GOM_NL__2PRFIN20051118_034934_000000372042_00348_19440_8577.N1	18-NOV-2005 03:49:34	Dark	37.000	124	The Car	2.7640	30000.	74	19440	No
46	GOM_NL__2PRFIN20051118_040737_000000392042_00348_19440_8578.N1	18-NOV-2005 04:07:37	Straylight	39.000	157	The1Eri	2.9060	9300.0	78	19440	No
47	GOM_NL__2PRFIN20051118_042515_000000372042_00348_19440_8579.N1	18-NOV-2005 04:25:15	Bright	36.500	105	6Bet Ari	2.6450	8900.0	73	19440	No
48	GOM_NL__2PRFIN20051118_042911_000000352042_00348_19440_8580.N1	18-NOV-2005 04:29:11	Bright	35.000	173	4Bet Tri	3.0040	8900.0	70	19440	No
49	GOM_NL__2PRFIN20051118_043115_000000362042_00348_19440_8581.N1	18-NOV-2005 04:31:15	Bright	35.500	73	57Gam1And	2.2600	13100.	71	19440	No
50	GOM_NL__2PRFIN20051118_043544_000000372042_00348_19440_8582.N1	18-NOV-2005 04:35:44	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	19440	No
51	GOM_NL__2PRFIN20051118_044430_000000352042_00348_19440_8583.N1	18-NOV-2005 04:44:30	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	19440	No
52	GOM_NL__2PRFIN20051118_044856_000000372042_00348_19440_8584.N1	18-NOV-2005 04:48:56	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	19440	No
53	GOM_NL__2PRFIN20051118_045430_000000352042_00348_19440_8585.N1	18-NOV-2005 04:54:30	Bright	34.500	32	77Eps UMa	1.7630	11000.	69	19440	No
54	GOM_NL__2PRFIN20051118_045612_000000352042_00348_19440_8586.N1	18-NOV-2005 04:56:12	Bright	35.000	39	85Eta UMa	1.8540	24000.	70	19440	No
55	GOM_NL__2PRFIN20051118_045851_000000352042_00348_19440_8587.N1	18-NOV-2005 04:58:51	Bright	34.500	180	27Gam Boo	3.0400	8000.0	69	19440	No
56	GOM_NL__2PRFIN20051118_050420_000000332042_00348_19440_8588.N1	18-NOV-2005 05:04:20	Bright	33.000	3	16Alp Boo	-0.050000	4250.0	66	19440	No
57	GOM_NL__2PRFIN20051118_050731_000000362042_00348_19440_8589.N1	18-NOV-2005 05:07:31	Bright	35.500	138	47Eps Vir	2.8280	4700.0	71	19440	No
58	GOM_NL__2PRFIN20051118_051123_000000542042_00348_19440_8590.N1	18-NOV-2005 05:11:23	Bright	54.000	121	29Gam Vir	2.7400	7200.0	108	19440	No
59	GOM_NL__2PRFIN20051118_051631_000000432042_00348_19440_8591.N1	18-NOV-2005 05:16:31	Tw_i_and_stray	42.500	100	4Gam Crv	2.5800	13100.	85	19440	No
60	GOM_NL__2PRFIN20051118_051803_000000452042_00348_19440_8592.N1	18-NOV-2005 05:18:03	Twilight	45.000	171	2Eps Crv	3.0010	4250.0	90	19440	No
61	GOM_NL__2PRFIN20051118_052408_000000412042_00348_19440_8593.N1	18-NOV-2005 05:24:08	Dark	41.000	64	Gam Cen	2.2000	10600.	82	19440	No
62	GOM_NL__2PRFIN20051118_052624_000000422042_00348_19440_8594.N1	18-NOV-2005 05:26:24	Dark	41.500	26	Gam Cru	1.6240	2900.0	83	19440	No
63	GOM_NL__2PRFIN20051118_052759_000000412042_00349_19441_8595.N1	18-NOV-2005 05:27:59	Dark	41.000	12	Alp1Cru	0.77500	30000.	82	19441	No
64	GOM_NL__2PRFIN20051118_053011_000000362042_00349_19441_8577.N1	18-NOV-2005 05:30:11	Dark	36.000	124	The Car	2.7640	30000.	72	19441	No
65	GOM_NL__2PRFIN20051118_054813_000000382042_00349_19441_8578.N1	18-NOV-2005 05:48:13	Straylight	37.500	157	The1Eri	2.9060	9300.0	75	19441	No
66	GOM_NL__2PRFIN20051118_060551_000000362042_00349_19441_8579.N1	18-NOV-2005 06:05:51	Bright	36.000	105	6Bet Ari	2.6450	8900.0	72	19441	No
67	GOM_NL__2PRFIN20051118_060947_000000352042_00349_19441_8580.N1	18-NOV-2005 06:09:47	Bright	34.500	173	4Bet Tri	3.0040	8900.0	69	19441	No
68	GOM_NL__2PRFIN20051118_061151_000000382042_00349_19441_8581.N1	18-NOV-2005 06:11:51	Bright	37.500	73	57Gam1And	2.2600	13100.	75	19441	No
69	GOM_NL__2PRFIN20051118_061620_000000352042_00349_19441_8582.N1	18-NOV-2005 06:16:20	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	19441	No
70	GOM_NL__2PRFIN20051118_062506_000000352042_00349_19441_8583.N1	18-NOV-2005 06:25:06	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	19441	No
71	GOM_NL__2PRFIN20051118_062932_000000372042_00349_19441_8584.N1	18-NOV-2005 06:29:32	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	19441	No
72	GOM_NL__2PRFIN20051118_063506_000000352042_00349_19441_8585.N1	18-NOV-2005 06:35:06	Bright	35.000	32	77Eps UMa	1.7630	11000.	70	19441	No
73	GOM_NL__2PRFIN20051118_063648_000000362042_00349_19441_8586.N1	18-NOV-2005 06:36:48	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	19441	No
74	GOM_NL__2PRFIN20051118_063927_000000342042_00349_19441_8587.N1	18-NOV-2005 06:39:27	Bright	33.500	180	27Gam Boo	3.0400	8000.0	67	19441	No
75	GOM_NL__2PRFIN20051118_064456_000000332042_00349_19441_8588.N1	18-NOV-2005 06:44:56	Bright	32.500	3	16Alp Boo	-0.050000	4250.0	65	19441	No
76	GOM_NL__2PRFIN20051118_064807_000000342042_00349_19441_8589.N1	18-NOV-2005 06:48:07	Bright	34.000	138	47Eps Vir	2.8280	4700.0	68	19441	No
77	GOM_NL__2PRFIN20051118_065200_000000412042_00349_19441_8590.N1	18-NOV-2005 06:52:00	Bright	40.500	121	29Gam Vir	2.7400	7200.0	81	19441	No
78	GOM_NL__2PRFIN20051118_065707_000000432042_00349_19441_8591.N1	18-NOV-2005 06:57:07	Tw_i_and_stray	43.000	100	4Gam Crv	2.5800	13100.	86	19441	No
79	GOM_NL__2PRFIN20051118_065839_000000462042_00349_19441_8592.N1	18-NOV-2005 06:58:39	Twilight	45.500	171	2Eps Crv	3.0010	4250.0	91	19441	No
80	GOM_NL__2PRFIN20051118_070444_000000412042_00349_19441_8593.N1	18-NOV-2005 07:04:44	Dark	41.000	64	Gam Cen	2.2000	10600.	82	19441	No
81	GOM_NL__2PRFIN20051118_070700_000000442042_00349_19441_8594.N1	18-NOV-2005 07:07:00	Dark	43.500	26	Gam Cru	1.6240	2900.0	87	19441	No
82	GOM_NL__2PRFIN20051118_070835_000000402042_00350_19442_8595.N1	18-NOV-2005 07:08:35	Dark	39.500	12	Alp1Cru	0.77500	30000.	79	19442	No
83	GOM_NL__2PRFIN20051118_071047_000000382042_00350_19442_8577.N1	18-NOV-2005 07:10:47	Dark	38.000	124	The Car	2.7640	30000.	76	19442	No
84	GOM_NL__2PRFIN20051118_072849_000000372042_00350_19442_8578.N1	18-NOV-2005 07:28:49	Straylight	36.500	157	The1Eri	2.9060	9300.0	73	19442	No
85	GOM_NL__2PRFIN20051118_074627_000000362042_00350_19442_8579.N1	18-NOV-2005 07:46:27	Bright	35.500	105	6Bet Ari	2.6450	8900.0	71	19442	No
86	GOM_NL__2PRFIN20051118_075023_000000362042_00350_19442_8580.N1	18-NOV-2005 07:50:23	Bright	35.500	173	4Bet Tri	3.0040	8900.0	71	19442	No
87	GOM_NL__2PRFIN20051118_075227_000000362042_00350_19442_8581.N1	18-NOV-2005 07:52:27	Bright	35.500	73	57Gam1And	2.2600	13100.	71	19442	No
88	GOM_NL__2PRFIN20051118_075656_000000362042_00350_19442_8582.N1	18-NOV-2005 07:56:56	Bright	35.500	68	18Alp Cas	2.2250	4500.0	71	19442	No
89	GOM_NL__2PRFIN20051118_080542_000000362042_00350_19442_8583.N1	18-NOV-2005 08:05:42	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	19442	No
90	GOM_NL__2PRFIN20051118_081008_000000342042_00350_19442_8584.N1	18-NOV-2005 08:10:08	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	19442	No
91	GOM_NL__2PRFIN20051118_081542_000000372042_00350_19442_8585.N1	18-NOV-2005 08:15:42	Bright	37.000	32	77Eps UMa	1.7630	11000.	74	19442	No
92	GOM_NL__2PRFIN20051118_081724_000000342042_00350_19442_8586.N1	18-NOV-2005 08:17:24	Bright	34.000	39	85Eta UMa	1.8540	24000.	68	19442	No
93	GOM_NL__2PRFIN20051118_082003_000000332042_00350_19442_8587.N1	18-NOV-2005 08:20:03	Bright	32.500	180	27Gam Boo	3.0400	8000.0	65	19442	No
94	GOM_NL__2PRFIN20051118_082532_000000332042_00350_19442_8588.N1	18-NOV-2005 08:25:32	Bright	33.000	3	16Alp Boo	-0.050000	4250.0	66	19442	No
95	GOM_NL__2PRFIN20051118_082843_000000352042_00350_19442_8589.N1	18-NOV-2005 08:28:43	Bright	35.000	138	47Eps Vir	2.8280	4700.0	70	19442	No
96	GOM_NL__2PRFIN20051118_083236_000000542042_00350_19442_8590.N1	18-NOV-2005 08:32:36	Bright	54.000	121	29Gam Vir	2.7400	7200.0	108	19442	No
97	GOM_NL__2PRFIN20051118_083744_000000422042_00350_19442_8591.N1	18-NOV-2005 08:37:44	Tw_i_and_stray	42.000	100	4Gam Crv	2.5800	13100.	84	19442	No
98	GOM_NL__2PRFIN20051118_083915_000000442042_00350_19442_8592.N1	18-NOV-2005 08:39:15	Twilight	43.500	171	2Eps Crv	3.0010	4250.0	87	19442	No
99	GOM_NL__2PRFIN20051118_084520_000000392042_00350_19442_8593.N1	18-NOV-2005 08:45:20	Dark	39.000	64	Gam Cen	2.2000	10600.	78	19442	No
100	GOM_NL__2PRFIN20051118_084736_000000432042_00350_19442_8594.N1	18-NOV-2005 08:47:36	Dark	43.000	26	Gam Cru	1.6240	2900.0	86	19442	No
101	GOM_NL__2PRFIN20051118_084911_000000382042_00351_19443_8595.N1	18-NOV-2005 08:49:11	Dark	37.500	12	Alp1Cru	0.77500	30000.	75	19443	No

102	GOM_NL__2PRFIN20051118_085123_000000362042_00351_19443_8577.N1	18-NOV-2005 08:51:23	Dark	36.000	124	The Car	2.7640	30000.	72	19443	No
103	GOM_NL__2PRFIN20051118_090925_000000382042_00351_19443_8578.N1	18-NOV-2005 09:09:25	Straylight	38.000	157	The1Eri	2.9060	9300.0	76	19443	No
104	GOM_NL__2PRFIN20051118_092703_000000362042_00351_19443_8579.N1	18-NOV-2005 09:27:03	Bright	36.000	105	6Bet Ari	2.6450	8900.0	72	19443	No
105	GOM_NL__2PRFIN20051118_093059_000000352042_00351_19443_8580.N1	18-NOV-2005 09:30:59	Bright	34.500	173	4Bet Tri	3.0040	8900.0	69	19443	No
106	GOM_NL__2PRFIN20051118_093303_000000362042_00351_19443_8581.N1	18-NOV-2005 09:33:03	Bright	36.000	73	57Gam1And	2.2600	13100.	72	19443	No
107	GOM_NL__2PRFIN20051118_093732_000000362042_00351_19443_8582.N1	18-NOV-2005 09:37:32	Bright	35.500	68	18Alp Cas	2.2250	4500.0	71	19443	No
108	GOM_NL__2PRFIN20051118_094618_000000362042_00351_19443_8583.N1	18-NOV-2005 09:46:18	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	19443	No
109	GOM_NL__2PRFIN20051118_095044_000000372042_00351_19443_8584.N1	18-NOV-2005 09:50:44	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	19443	No
110	GOM_NL__2PRFIN20051118_095617_000000342042_00351_19443_8585.N1	18-NOV-2005 09:56:17	Bright	34.000	32	77Eps UMa	1.7630	11000.	68	19443	No
111	GOM_NL__2PRFIN20051118_095800_000000342042_00351_19443_8586.N1	18-NOV-2005 09:58:00	Bright	33.500	39	85Eta UMa	1.8540	24000.	67	19443	No
112	GOM_NL__2PRFIN20051118_100039_000000332042_00351_19443_8587.N1	18-NOV-2005 10:00:39	Bright	33.000	180	27Gam Boo	3.0400	8000.0	66	19443	No
113	GOM_NL__2PRFIN20051118_100608_000000342042_00351_19443_8588.N1	18-NOV-2005 10:06:08	Bright	33.500	3	16Alp Boo	-0.050000	4250.0	67	19443	No
114	GOM_NL__2PRFIN20051118_100919_000000352042_00351_19443_8589.N1	18-NOV-2005 10:09:19	Bright	34.500	138	47Eps Vir	2.8280	4700.0	69	19443	No
115	GOM_NL__2PRFIN20051118_101312_000000362042_00351_19443_8590.N1	18-NOV-2005 10:13:12	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	19443	No
116	GOM_NL__2PRFIN20051118_101820_000000432042_00351_19443_8591.N1	18-NOV-2005 10:18:20	Tw_i_and_stray	43.000	100	4Gam Crv	2.5800	13100.	86	19443	No
117	GOM_NL__2PRFIN20051118_101952_000000452042_00351_19443_8592.N1	18-NOV-2005 10:19:52	Twilight	45.000	171	2Eps Crv	3.0010	4250.0	90	19443	No
118	GOM_NL__2PRFIN20051118_102556_000000422042_00351_19443_8593.N1	18-NOV-2005 10:25:56	Dark	41.500	64	Gam Cen	2.2000	10600.	83	19443	No
119	GOM_NL__2PRFIN20051118_102812_000000392042_00351_19443_8594.N1	18-NOV-2005 10:28:12	Dark	39.000	26	Gam Cru	1.6240	2900.0	78	19443	No
120	GOM_NL__2PRFIN20051118_102947_000000422042_00352_19444_8595.N1	18-NOV-2005 10:29:47	Dark	41.500	12	Alp1Cru	0.77500	30000.	83	19444	No
121	GOM_NL__2PRFIN20051118_103159_000000372042_00352_19444_8577.N1	18-NOV-2005 10:31:59	Dark	36.500	124	The Car	2.7640	30000.	73	19444	No
122	GOM_NL__2PRFIN20051118_105001_000000382042_00352_19444_8578.N1	18-NOV-2005 10:50:01	Straylight	38.000	157	The1Eri	2.9060	9300.0	76	19444	No
123	GOM_NL__2PRFIN20051118_110739_000000362042_00352_19444_8579.N1	18-NOV-2005 11:07:39	Bright	36.000	105	6Bet Ari	2.6450	8900.0	72	19444	No
124	GOM_NL__2PRFIN20051118_111135_000000352042_00352_19444_8580.N1	18-NOV-2005 11:11:35	Bright	35.000	173	4Bet Tri	3.0040	8900.0	70	19444	No
125	GOM_NL__2PRFIN20051118_111339_000000362042_00352_19444_8581.N1	18-NOV-2005 11:13:39	Bright	35.500	73	57Gam1And	2.2600	13100.	71	19444	No
126	GOM_NL__2PRFIN20051118_111809_000000372042_00352_19444_8582.N1	18-NOV-2005 11:18:09	Bright	37.000	68	18Alp Cas	2.2250	4500.0	74	19444	No
127	GOM_NL__2PRFIN20051118_112653_000000352042_00352_19444_8583.N1	18-NOV-2005 11:26:53	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	19444	No
128	GOM_NL__2PRFIN20051118_113120_000000382042_00352_19444_8584.N1	18-NOV-2005 11:31:20	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	19444	No
129	GOM_NL__2PRFIN20051118_113653_000000382042_00352_19444_8585.N1	18-NOV-2005 11:36:53	Bright	37.500	32	77Eps UMa	1.7630	11000.	75	19444	No
130	GOM_NL__2PRFIN20051118_113836_000000362042_00352_19444_8586.N1	18-NOV-2005 11:38:36	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	19444	No
131	GOM_NL__2PRFIN20051118_114115_000000332042_00352_19444_8587.N1	18-NOV-2005 11:41:15	Bright	33.000	180	27Gam Boo	3.0400	8000.0	66	19444	No
132	GOM_NL__2PRFIN20051118_114645_000000332042_00352_19444_8588.N1	18-NOV-2005 11:46:45	Bright	33.000	3	16Alp Boo	-0.050000	4250.0	66	19444	No
133	GOM_NL__2PRFIN20051118_114955_000000352042_00352_19444_8589.N1	18-NOV-2005 11:49:55	Bright	35.000	138	47Eps Vir	2.8280	4700.0	70	19444	No
134	GOM_NL__2PRFIN20051118_115348_000000542042_00352_19444_8590.N1	18-NOV-2005 11:53:48	Bright	54.000	121	29Gam Vir	2.7400	7200.0	108	19444	No
135	GOM_NL__2PRFIN20051118_115856_000000412042_00352_19444_8591.N1	18-NOV-2005 11:58:56	Tw_i_and_stray	41.000	100	4Gam Crv	2.5800	13100.	82	19444	No
136	GOM_NL__2PRFIN20051118_120028_000000432042_00352_19444_8592.N1	18-NOV-2005 12:00:28	Twilight	43.000	171	2Eps Crv	3.0010	4250.0	86	19444	No
137	GOM_NL__2PRFIN20051118_120632_000000392042_00352_19444_8593.N1	18-NOV-2005 12:06:32	Dark	39.000	64	Gam Cen	2.2000	10600.	78	19444	No
138	GOM_NL__2PRFIN20051118_120848_000000522042_00352_19444_8594.N1	18-NOV-2005 12:08:48	Dark	52.000	26	Gam Cru	1.6240	2900.0	104	19444	No
139	GOM_NL__2PRFIN20051118_121024_000000502042_00353_19445_8595.N1	18-NOV-2005 12:10:24	Dark	49.500	12	Alp1Cru	0.77500	30000.	99	19445	No
140	GOM_NL__2PRFIN20051118_121236_000000372042_00353_19445_8577.N1	18-NOV-2005 12:12:36	Dark	37.000	124	The Car	2.7640	30000.	74	19445	No
141	GOM_NL__2PRFIN20051118_123037_000000352042_00353_19445_8578.N1	18-NOV-2005 12:30:37	Straylight	35.000	157	The1Eri	2.9060	9300.0	70	19445	No
142	GOM_NL__2PRFIN20051118_124815_000000362042_00353_19445_8579.N1	18-NOV-2005 12:48:15	Bright	35.500	105	6Bet Ari	2.6450	8900.0	71	19445	No
143	GOM_NL__2PRFIN20051118_125211_000000352042_00353_19445_8580.N1	18-NOV-2005 12:52:11	Bright	34.500	173	4Bet Tri	3.0040	8900.0	69	19445	No
144	GOM_NL__2PRFIN20051118_125415_000000362042_00353_19445_8581.N1	18-NOV-2005 12:54:15	Bright	36.000	73	57Gam1And	2.2600	13100.	72	19445	No
145	GOM_NL__2PRFIN20051118_125845_000000372042_00353_19445_8582.N1	18-NOV-2005 12:58:45	Bright	37.000	68	18Alp Cas	2.2250	4500.0	74	19445	No
146	GOM_NL__2PRFIN20051118_130729_000000362042_00353_19445_8583.N1	18-NOV-2005 13:07:29	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	19445	No
147	GOM_NL__2PRFIN20051118_131156_000000332042_00353_19445_8584.N1	18-NOV-2005 13:11:56	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	19445	No
148	GOM_NL__2PRFIN20051118_131729_000000382042_00353_19445_8585.N1	18-NOV-2005 13:17:29	Bright	37.500	32	77Eps UMa	1.7630	11000.	75	19445	No
149	GOM_NL__2PRFIN20051118_131913_000000362042_00353_19445_8586.N1	18-NOV-2005 13:19:13	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	19445	No
150	GOM_NL__2PRFIN20051118_132151_000000322042_00353_19445_8587.N1	18-NOV-2005 13:21:51	Bright	32.000	180	27Gam Boo	3.0400	8000.0	64	19445	No
151	GOM_NL__2PRFIN20051118_132721_000000332042_00353_19445_8588.N1	18-NOV-2005 13:27:21	Bright	33.000	3	16Alp Boo	-0.050000	4250.0	66	19445	No
152	GOM_NL__2PRFIN20051118_133031_000000352042_00353_19445_8589.N1	18-NOV-2005 13:30:31	Bright	35.000	138	47Eps Vir	2.8280	4700.0	70	19445	No
153	GOM_NL__2PRFIN20051118_133425_000000382042_00353_19445_8590.N1	18-NOV-2005 13:34:25	Bright	37.500	121	29Gam Vir	2.7400	7200.0	75	19445	No
154	GOM_NL__2PRFIN20051118_133933_000000422042_00353_19445_8591.N1	18-NOV-2005 13:39:33	Tw_i_and_stray	41.500	100	4Gam Crv	2.5800	13100.	83	19445	No
155	GOM_NL__2PRFIN20051118_134105_000000402042_00353_19445_8592.N1	18-NOV-2005 13:41:05	Twilight	40.000	171	2Eps Crv	3.0010	4250.0	80	19445	No
156	GOM_NL__2PRFIN20051118_134708_000000382042_00353_19445_8593.N1	18-NOV-2005 13:47:08	Dark	38.000	64	Gam Cen	2.2000	10600.	76	19445	No
157	GOM_NL__2PRFIN20051118_134924_000000522042_00353_19445_8594.N1	18-NOV-2005 13:49:24	Dark	52.000	26	Gam Cru	1.6240	2900.0	104	19445	No
158	GOM_NL__2PRFIN20051118_135100_000000432042_00354_19446_8595.N1	18-NOV-2005 13:51:00	Dark	43.000	12	Alp1Cru	0.77500	30000.	86	19446	No
159	GOM_NL__2PRFIN20051118_135312_000000382042_00354_19446_8577.N1	18-NOV-2005 13:53:12	Dark	37.500	124	The Car	2.7640	30000.	75	19446	No
160	GOM_NL__2PRFIN20051118_141114_000000392042_00354_19446_8578.N1	18-NOV-2005 14:11:14	Straylight	39.000	157	The1Eri	2.9060	9300.0	78	19446	No

161	GOM_NL__2PRFIN20051118_142851_000000362042_00354_19446_8579.N1	18-NOV-2005 14:28:51	Bright	36.000	105	6Bet Ari	2.6450	8900.0	72	19446	No
162	GOM_NL__2PRFIN20051118_143247_000000342042_00354_19446_8580.N1	18-NOV-2005 14:32:47	Bright	34.000	173	4Bet Tri	3.0040	8900.0	68	19446	No
163	GOM_NL__2PRFIN20051118_143451_000000372042_00354_19446_8581.N1	18-NOV-2005 14:34:51	Bright	36.500	73	57Gam1And	2.2600	13100.	73	19446	No
164	GOM_NL__2PRFIN20051118_143921_000000372042_00354_19446_8582.N1	18-NOV-2005 14:39:21	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	19446	No
165	GOM_NL__2PRFIN20051118_145232_000000322042_00354_19446_8583.N1	18-NOV-2005 14:52:32	Bright	32.000	60	7Bet UMi	2.0810	3950.0	64	19446	No
166	GOM_NL__2PRFIN20051118_145805_000000382042_00354_19446_8584.N1	18-NOV-2005 14:58:05	Bright	37.500	32	77Eps UMa	1.7630	11000.	75	19446	No
167	GOM_NL__2PRFIN20051118_145949_000000362042_00354_19446_8585.N1	18-NOV-2005 14:59:49	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	19446	No
168	GOM_NL__2PRFIN20051118_150228_000000352042_00354_19446_8586.N1	18-NOV-2005 15:02:28	Bright	34.500	180	27Gam Boo	3.0400	8000.0	69	19446	No
169	GOM_NL__2PRFIN20051118_150757_000000342042_00354_19446_8587.N1	18-NOV-2005 15:07:57	Bright	33.500	3	16Alp Boo	-0.050000	4250.0	67	19446	No
170	GOM_NL__2PRFIN20051118_151108_000000532042_00354_19446_8588.N1	18-NOV-2005 15:11:08	Bright	53.000	138	47Eps Vir	2.8280	4700.0	106	19446	No
171	GOM_NL__2PRFIN20051118_151501_000000382042_00354_19446_8589.N1	18-NOV-2005 15:15:01	Bright	38.000	121	29Gam Vir	2.7400	7200.0	76	19446	No
172	GOM_NL__2PRFIN20051118_152009_000000412042_00354_19446_8590.N1	18-NOV-2005 15:20:09	Twilight	40.500	100	4Gam Crv	2.5800	13100.	81	19446	No
173	GOM_NL__2PRFIN20051118_152141_000000432042_00354_19446_8591.N1	18-NOV-2005 15:21:41	Twilight	43.000	171	2Eps Crv	3.0010	4250.0	86	19446	No
174	GOM_NL__2PRFIN20051118_152745_000000412042_00354_19446_8592.N1	18-NOV-2005 15:27:45	Dark	41.000	64	Gam Cen	2.2000	10600.	82	19446	No
175	GOM_NL__2PRFIN20051118_153028_000000432042_00354_19446_8593.N1	18-NOV-2005 15:30:28	Dark	43.000	20	Bet Cru	1.2530	30000.	86	19446	No
176	GOM_NL__2PRFIN20051118_153136_000000452042_00355_19447_8594.N1	18-NOV-2005 15:31:36	Dark	44.500	12	Alp1Cru	0.77500	30000.	89	19447	No
177	GOM_NL__2PRFIN20051118_153348_000000382042_00355_19447_8577.N1	18-NOV-2005 15:33:48	Dark	37.500	124	The Car	2.7640	30000.	75	19447	No
178	GOM_NL__2PRFIN20051118_155150_000000372042_00355_19447_8578.N1	18-NOV-2005 15:51:50	Straylight	36.500	157	The1Eri	2.9060	9300.0	73	19447	No
179	GOM_NL__2PRFIN20051118_160927_000000372042_00355_19447_8579.N1	18-NOV-2005 16:09:27	Bright	36.500	105	6Bet Ari	2.6450	8900.0	73	19447	No
180	GOM_NL__2PRFIN20051118_161322_000000352042_00355_19447_8580.N1	18-NOV-2005 16:13:22	Bright	35.000	173	4Bet Tri	3.0040	8900.0	70	19447	No
181	GOM_NL__2PRFIN20051118_161527_000000352042_00355_19447_8581.N1	18-NOV-2005 16:15:27	Bright	35.000	73	57Gam1And	2.2600	13100.	70	19447	No
182	GOM_NL__2PRFIN20051118_161957_000000362042_00355_19447_8582.N1	18-NOV-2005 16:19:57	Bright	35.500	68	18Alp Cas	2.2250	4500.0	71	19447	No
183	GOM_NL__2PRFIN20051118_162841_000000352042_00355_19447_8583.N1	18-NOV-2005 16:28:41	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	19447	No
184	GOM_NL__2PRFIN20051118_163308_000000362042_00355_19447_8584.N1	18-NOV-2005 16:33:08	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	19447	No
185	GOM_NL__2PRFIN20051118_163841_000000352042_00355_19447_8585.N1	18-NOV-2005 16:38:41	Bright	35.000	32	77Eps UMa	1.7630	11000.	70	19447	No
186	GOM_NL__2PRFIN20051118_164025_000000362042_00355_19447_8586.N1	18-NOV-2005 16:40:25	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	19447	No
187	GOM_NL__2PRFIN20051118_164304_000000322042_00355_19447_8587.N1	18-NOV-2005 16:43:04	Bright	32.000	180	27Gam Boo	3.0400	8000.0	64	19447	No
188	GOM_NL__2PRFIN20051118_164833_000000342042_00355_19447_8588.N1	18-NOV-2005 16:48:33	Bright	34.000	3	16Alp Boo	-0.050000	4250.0	68	19447	No
189	GOM_NL__2PRFIN20051118_165144_000000352042_00355_19447_8589.N1	18-NOV-2005 16:51:44	Bright	35.000	138	47Eps Vir	2.8280	4700.0	70	19447	No
190	GOM_NL__2PRFIN20051118_165537_000000542042_00355_19447_8590.N1	18-NOV-2005 16:55:37	Bright	54.000	121	29Gam Vir	2.7400	7200.0	108	19447	No
191	GOM_NL__2PRFIN20051118_170046_000000442042_00355_19447_8591.N1	18-NOV-2005 17:00:46	Twilight	43.500	100	4Gam Crv	2.5800	13100.	87	19447	No
192	GOM_NL__2PRFIN20051118_170218_000000472042_00355_19447_8592.N1	18-NOV-2005 17:02:18	Twilight	46.500	171	2Eps Crv	3.0010	4250.0	93	19447	No
193	GOM_NL__2PRFIN20051118_170821_000000382042_00355_19447_8593.N1	18-NOV-2005 17:08:21	Dark	38.000	64	Gam Cen	2.2000	10600.	76	19447	No
194	GOM_NL__2PRFIN20051118_171104_000000392042_00355_19447_8594.N1	18-NOV-2005 17:11:04	Dark	39.000	20	Bet Cru	1.2530	30000.	78	19447	No
195	GOM_NL__2PRFIN20051118_171212_000000482042_00356_19448_8595.N1	18-NOV-2005 17:12:12	Dark	47.500	12	Alp1Cru	0.77500	30000.	95	19448	No
196	GOM_NL__2PRFIN20051118_171425_000000382042_00356_19448_8577.N1	18-NOV-2005 17:14:25	Dark	37.500	124	The Car	2.7640	30000.	75	19448	No
197	GOM_NL__2PRFIN20051118_173226_000000382042_00356_19448_8578.N1	18-NOV-2005 17:32:26	Straylight	38.000	157	The1Eri	2.9060	9300.0	76	19448	No
198	GOM_NL__2PRFIN20051118_175003_000000362042_00356_19448_8579.N1	18-NOV-2005 17:50:03	Bright	36.000	105	6Bet Ari	2.6450	8900.0	72	19448	No
199	GOM_NL__2PRFIN20051118_175359_000000352042_00356_19448_8580.N1	18-NOV-2005 17:53:59	Bright	35.000	173	4Bet Tri	3.0040	8900.0	70	19448	No
200	GOM_NL__2PRFIN20051118_175603_000000352042_00356_19448_8581.N1	18-NOV-2005 17:56:03	Bright	34.500	73	57Gam1And	2.2600	13100.	69	19448	No
201	GOM_NL__2PRFIN20051118_180033_000000372042_00356_19448_8582.N1	18-NOV-2005 18:00:33	Bright	37.000	68	18Alp Cas	2.2250	4500.0	74	19448	No
202	GOM_NL__2PRFIN20051118_180917_000000382042_00356_19448_8583.N1	18-NOV-2005 18:09:17	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	19448	No
203	GOM_NL__2PRFIN20051118_181344_000000382042_00356_19448_8584.N1	18-NOV-2005 18:13:44	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	19448	No
204	GOM_NL__2PRFIN20051118_181917_000000372042_00356_19448_8585.N1	18-NOV-2005 18:19:17	Bright	36.500	32	77Eps UMa	1.7630	11000.	73	19448	No
205	GOM_NL__2PRFIN20051118_182101_000000352042_00356_19448_8586.N1	18-NOV-2005 18:21:01	Bright	35.000	39	85Eta UMa	1.8540	24000.	70	19448	No
206	GOM_NL__2PRFIN20051118_182340_000000352042_00356_19448_8587.N1	18-NOV-2005 18:23:40	Bright	34.500	180	27Gam Boo	3.0400	8000.0	69	19448	No
207	GOM_NL__2PRFIN20051118_182909_000000332042_00356_19448_8588.N1	18-NOV-2005 18:29:09	Bright	33.000	3	16Alp Boo	-0.050000	4250.0	66	19448	No
208	GOM_NL__2PRFIN20051118_183220_000000452042_00356_19448_8589.N1	18-NOV-2005 18:32:20	Bright	45.000	138	47Eps Vir	2.8280	4700.0	90	19448	No
209	GOM_NL__2PRFIN20051118_183614_000000552042_00356_19448_8590.N1	18-NOV-2005 18:36:14	Bright	55.000	121	29Gam Vir	2.7400	7200.0	110	19448	No
210	GOM_NL__2PRFIN20051118_184122_000000432042_00356_19448_8591.N1	18-NOV-2005 18:41:22	Twilight	43.000	100	4Gam Crv	2.5800	13100.	86	19448	No
211	GOM_NL__2PRFIN20051118_184254_000000442042_00356_19448_8592.N1	18-NOV-2005 18:42:54	Twilight	44.000	171	2Eps Crv	3.0010	4250.0	88	19448	No
212	GOM_NL__2PRFIN20051118_184857_000000382042_00356_19448_8593.N1	18-NOV-2005 18:48:57	Dark	37.500	64	Gam Cen	2.2000	10600.	75	19448	No
213	GOM_NL__2PRFIN20051118_185140_000000392042_00356_19448_8594.N1	18-NOV-2005 18:51:40	Dark	39.000	20	Bet Cru	1.2530	30000.	78	19448	No
214	GOM_NL__2PRFIN20051118_185248_000000382042_00357_19449_8595.N1	18-NOV-2005 18:52:48	Dark	38.000	12	Alp1Cru	0.77500	30000.	76	19449	No
215	GOM_NL__2PRFIN20051118_185501_000000382042_00357_19449_8597.N1	18-NOV-2005 18:55:01	Dark	37.500	124	The Car	2.7640	30000.	75	19449	No
216	GOM_NL__2PRFIN20051118_191302_000000382042_00357_19449_8598.N1	18-NOV-2005 19:13:02	Straylight	38.000	157	The1Eri	2.9060	9300.0	76	19449	No
217	GOM_NL__2PRFIN20051118_193040_000000362042_00357_19449_8599.N1	18-NOV-2005 19:30:40	Bright	35.500	105	6Bet Ari	2.6450	8900.0	71	19449	No
218	GOM_NL__2PRFIN20051118_193434_000000342042_00357_19449_8600.N1	18-NOV-2005 19:34:34	Bright	34.000	173	4Bet Tri	3.0040	8900.0	68	19449	No
219	GOM_NL__2PRFIN20051118_193638_000000372042_00357_19449_8601.N1	18-NOV-2005 19:36:38	Bright	36.500	73	57Gam1And	2.2600	13100.	73	19449	No

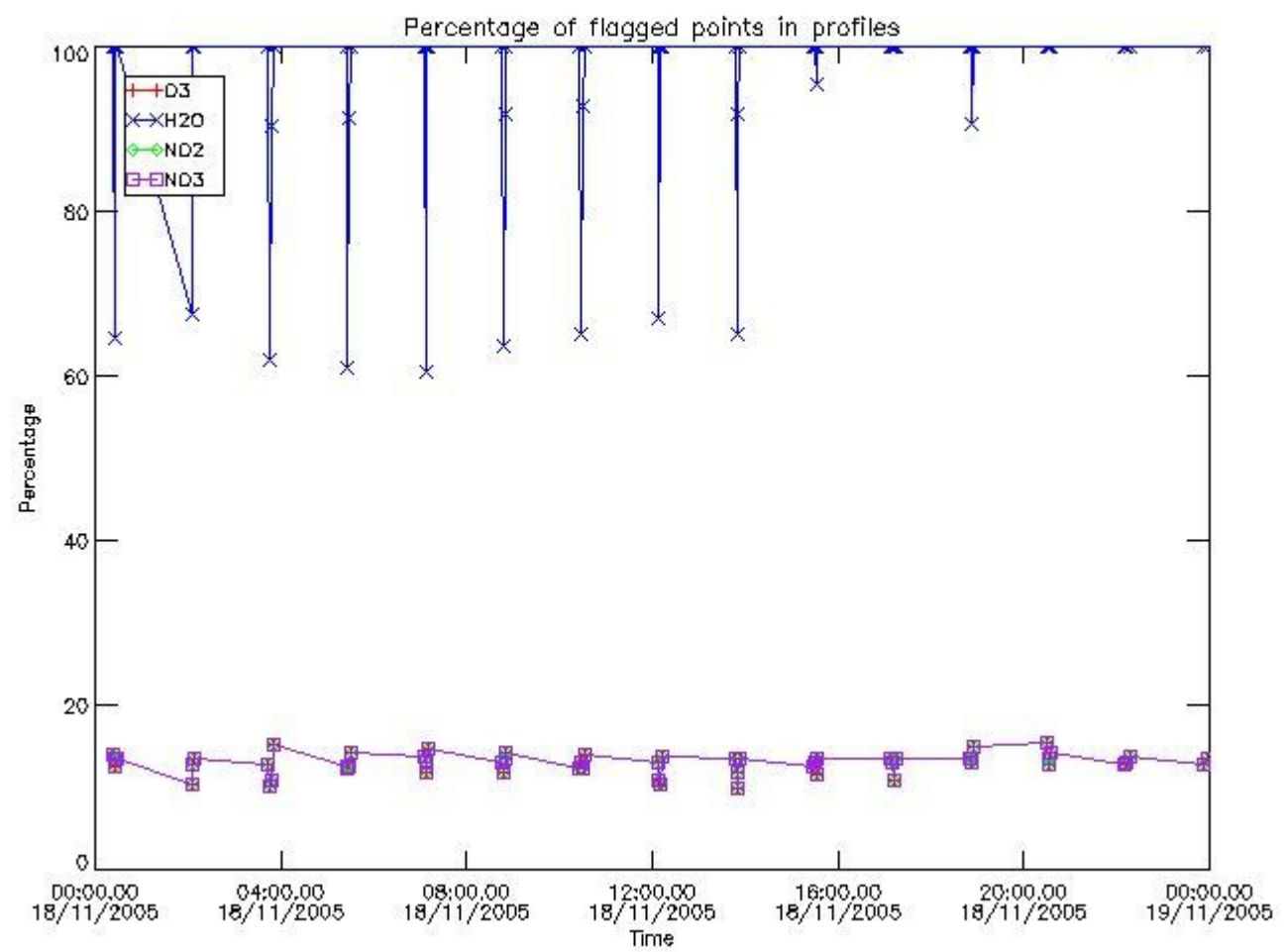
220	GOM_NL__2PRFIN20051118_194109_000000362042_00357_19449_8602.N1	18-NOV-2005 19:41:09	Bright	36.000	68	18Alp Cas	2.2250	4500.0	72	19449	No
221	GOM_NL__2PRFIN20051118_194953_000000382042_00357_19449_8603.N1	18-NOV-2005 19:49:53	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	19449	No
222	GOM_NL__2PRFIN20051118_195420_000000372042_00357_19449_8604.N1	18-NOV-2005 19:54:20	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	19449	No
223	GOM_NL__2PRFIN20051118_195953_000000352042_00357_19449_8605.N1	18-NOV-2005 19:59:53	Bright	34.500	32	77Eps UMa	1.7630	11000.	69	19449	No
224	GOM_NL__2PRFIN20051118_200137_000000362042_00357_19449_8606.N1	18-NOV-2005 20:01:37	Bright	36.000	39	85Eta UMa	1.8540	24000.	72	19449	No
225	GOM_NL__2PRFIN20051118_200416_000000352042_00357_19449_8607.N1	18-NOV-2005 20:04:16	Bright	34.500	180	27Gam Boo	3.0400	8000.0	69	19449	No
226	GOM_NL__2PRFIN20051118_200945_000000342042_00357_19449_8608.N1	18-NOV-2005 20:09:45	Bright	33.500	3	16Alp Boo	-0.050000	4250.0	67	19449	No
227	GOM_NL__2PRFIN20051118_201256_000000362042_00357_19449_8609.N1	18-NOV-2005 20:12:56	Bright	35.500	138	47Eps Vir	2.8280	4700.0	71	19449	No
228	GOM_NL__2PRFIN20051118_201650_000000552042_00357_19449_8610.N1	18-NOV-2005 20:16:50	Bright	55.000	121	29Gam Vir	2.7400	7200.0	110	19449	No
229	GOM_NL__2PRFIN20051118_202159_000000392042_00357_19449_8611.N1	18-NOV-2005 20:21:59	Twilight	39.000	100	4Gam Crv	2.5800	13100.	78	19449	No
230	GOM_NL__2PRFIN20051118_202330_000000462042_00357_19449_8612.N1	18-NOV-2005 20:23:30	Twilight	45.500	171	2Eps Crv	3.0010	4250.0	91	19449	No
231	GOM_NL__2PRFIN20051118_202933_000000372042_00357_19449_8613.N1	18-NOV-2005 20:29:33	Dark	36.500	64	Gam Cen	2.2000	10600.	73	19449	No
232	GOM_NL__2PRFIN20051118_203216_000000402042_00357_19449_8614.N1	18-NOV-2005 20:32:16	Dark	40.000	20	Bet Cru	1.2530	30000.	80	19449	No
233	GOM_NL__2PRFIN20051118_203324_000000382042_00358_19450_8615.N1	18-NOV-2005 20:33:24	Dark	37.500	12	Alp1Cru	0.77500	30000.	75	19450	No
234	GOM_NL__2PRFIN20051118_203537_000000362042_00358_19450_8672.N1	18-NOV-2005 20:35:37	Dark	36.000	124	The Car	2.7640	30000.	72	19450	No
235	GOM_NL__2PRFIN20051118_205338_000000362042_00358_19450_8673.N1	18-NOV-2005 20:53:38	Straylight	35.500	157	The1Eri	2.9060	9300.0	71	19450	No
236	GOM_NL__2PRFIN20051118_211115_000000372042_00358_19450_8674.N1	18-NOV-2005 21:11:15	Bright	36.500	105	6Bet Ari	2.6450	8900.0	73	19450	No
237	GOM_NL__2PRFIN20051118_211510_000000342042_00358_19450_8675.N1	18-NOV-2005 21:15:10	Bright	34.000	173	4Bet Tri	3.0040	8900.0	68	19450	No
238	GOM_NL__2PRFIN20051118_211714_000000362042_00358_19450_8676.N1	18-NOV-2005 21:17:14	Bright	36.000	73	57Gam1And	2.2600	13100.	72	19450	No
239	GOM_NL__2PRFIN20051118_212145_000000342042_00358_19450_8677.N1	18-NOV-2005 21:21:45	Bright	33.500	68	18Alp Cas	2.2250	4500.0	67	19450	No
240	GOM_NL__2PRFIN20051118_213029_000000362042_00358_19450_8678.N1	18-NOV-2005 21:30:29	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	19450	No
241	GOM_NL__2PRFIN20051118_213456_000000362042_00358_19450_8679.N1	18-NOV-2005 21:34:56	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	19450	No
242	GOM_NL__2PRFIN20051118_214029_000000382042_00358_19450_8680.N1	18-NOV-2005 21:40:29	Bright	38.000	32	77Eps UMa	1.7630	11000.	76	19450	No
243	GOM_NL__2PRFIN20051118_214213_000000362042_00358_19450_8681.N1	18-NOV-2005 21:42:13	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	19450	No
244	GOM_NL__2PRFIN20051118_214452_000000352042_00358_19450_8682.N1	18-NOV-2005 21:44:52	Bright	35.000	180	27Gam Boo	3.0400	8000.0	70	19450	No
245	GOM_NL__2PRFIN20051118_215021_000000332042_00358_19450_8683.N1	18-NOV-2005 21:50:21	Bright	33.000	3	16Alp Boo	-0.050000	4250.0	66	19450	No
246	GOM_NL__2PRFIN20051118_215332_000000532042_00358_19450_8684.N1	18-NOV-2005 21:53:32	Bright	53.000	138	47Eps Vir	2.8280	4700.0	106	19450	No
247	GOM_NL__2PRFIN20051118_215726_000000552042_00358_19450_8685.N1	18-NOV-2005 21:57:26	Bright	54.500	121	29Gam Vir	2.7400	7200.0	109	19450	No
248	GOM_NL__2PRFIN20051118_220235_000000412042_00358_19450_8686.N1	18-NOV-2005 22:02:35	Twilight	40.500	100	4Gam Crv	2.5800	13100.	81	19450	No
249	GOM_NL__2PRFIN20051118_220407_000000402042_00358_19450_8687.N1	18-NOV-2005 22:04:07	Twilight	39.500	171	2Eps Crv	3.0010	4250.0	79	19450	No
250	GOM_NL__2PRFIN20051118_221009_000000402042_00358_19450_8688.N1	18-NOV-2005 22:10:09	Dark	40.000	64	Gam Cen	2.2000	10600.	80	19450	No
251	GOM_NL__2PRFIN20051118_221252_000000402042_00358_19450_8689.N1	18-NOV-2005 22:12:52	Dark	39.500	20	Bet Cru	1.2530	30000.	79	19450	No
252	GOM_NL__2PRFIN20051118_221614_000000372042_00359_19451_8597.N1	18-NOV-2005 22:16:14	Dark	37.000	124	The Car	2.7640	30000.	74	19451	No
253	GOM_NL__2PRFIN20051118_223414_000000402042_00359_19451_8598.N1	18-NOV-2005 22:34:14	Straylight	39.500	157	The1Eri	2.9060	9300.0	79	19451	No
254	GOM_NL__2PRFIN20051118_225151_000000372042_00359_19451_8599.N1	18-NOV-2005 22:51:51	Bright	36.500	105	6Bet Ari	2.6450	8900.0	73	19451	No
255	GOM_NL__2PRFIN20051118_225546_000000342042_00359_19451_8600.N1	18-NOV-2005 22:55:46	Bright	33.500	173	4Bet Tri	3.0040	8900.0	67	19451	No
256	GOM_NL__2PRFIN20051118_225750_000000372042_00359_19451_8601.N1	18-NOV-2005 22:57:50	Bright	37.000	73	57Gam1And	2.2600	13100.	74	19451	No
257	GOM_NL__2PRFIN20051118_230221_000000362042_00359_19451_8602.N1	18-NOV-2005 23:02:21	Bright	35.500	68	18Alp Cas	2.2250	4500.0	71	19451	No
258	GOM_NL__2PRFIN20051118_231105_000000362042_00359_19451_8603.N1	18-NOV-2005 23:11:05	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	19451	No
259	GOM_NL__2PRFIN20051118_231532_000000382042_00359_19451_8604.N1	18-NOV-2005 23:15:32	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	19451	No
260	GOM_NL__2PRFIN20051118_232105_000000382042_00359_19451_8605.N1	18-NOV-2005 23:21:05	Bright	37.500	32	77Eps UMa	1.7630	11000.	75	19451	No
261	GOM_NL__2PRFIN20051118_232249_000000362042_00359_19451_8606.N1	18-NOV-2005 23:22:49	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	19451	No
262	GOM_NL__2PRFIN20051118_233057_000000332042_00359_19451_8607.N1	18-NOV-2005 23:30:57	Bright	33.000	3	16Alp Boo	-0.050000	4250.0	66	19451	No
263	GOM_NL__2PRFIN20051118_233408_000000532042_00359_19451_8608.N1	18-NOV-2005 23:34:08	Bright	53.000	138	47Eps Vir	2.8280	4700.0	106	19451	No
264	GOM_NL__2PRFIN20051118_233802_000000552042_00359_19451_8609.N1	18-NOV-2005 23:38:02	Bright	54.500	121	29Gam Vir	2.7400	7200.0	109	19451	No
265	GOM_NL__2PRFIN20051118_234311_000000402042_00359_19451_8610.N1	18-NOV-2005 23:43:11	Twilight	39.500	100	4Gam Crv	2.5800	13100.	79	19451	No
266	GOM_NL__2PRFIN20051118_234443_000000432042_00359_19451_8611.N1	18-NOV-2005 23:44:43	Twilight	42.500	171	2Eps Crv	3.0010	4250.0	85	19451	No
267	GOM_NL__2PRFIN20051118_235328_000000402042_00359_19451_8612.N1	18-NOV-2005 23:53:28	Dark	40.000	20	Bet Cru	1.2530	30000.	80	19451	No
268	GOM_NL__2PRFIN20051118_235650_000000382042_00360_19452_8597.N1	18-NOV-2005 23:56:50	Dark	37.500	124	The Car	2.7640	30000.	75	19452	No

### 3. Quality information per product

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

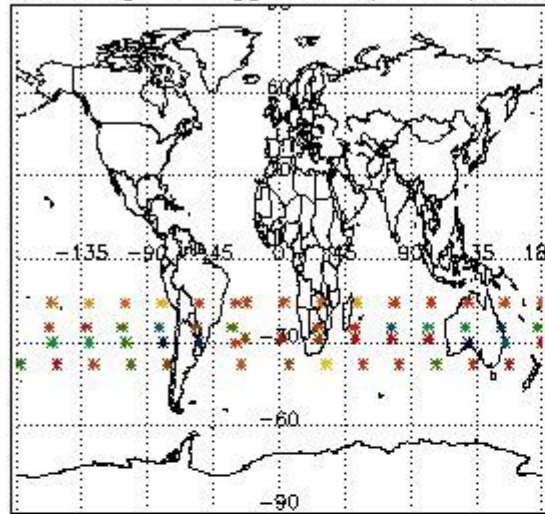
#### 3.1 Plot quality information per product (time dependant)



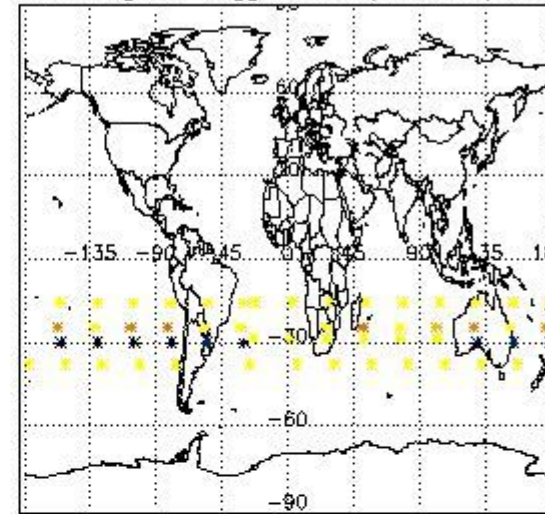


3.2 Plot quality information per product (world map)

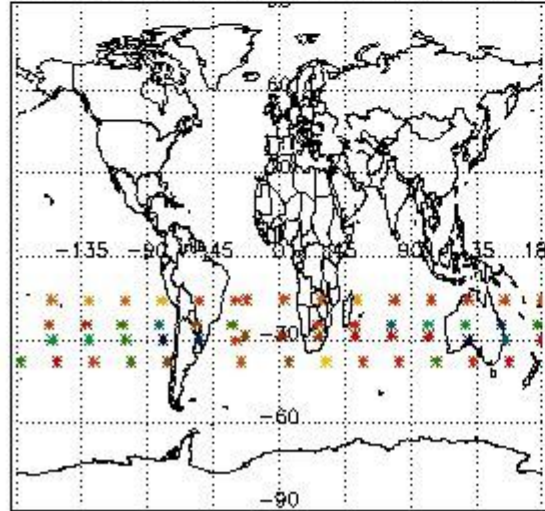
Percentage of flagged data per O3 profile



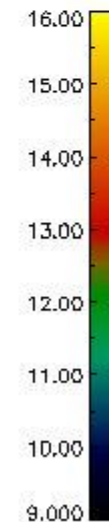
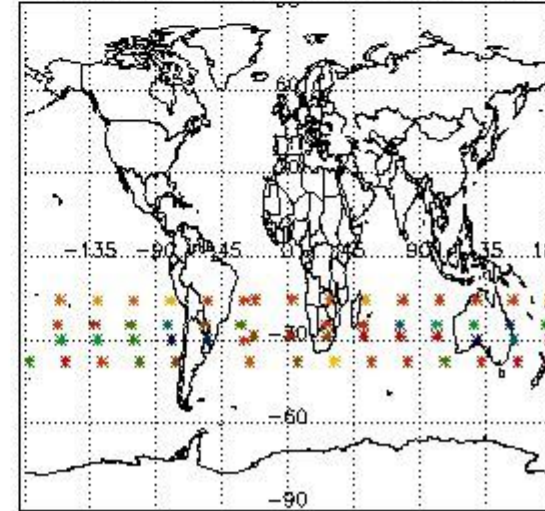
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

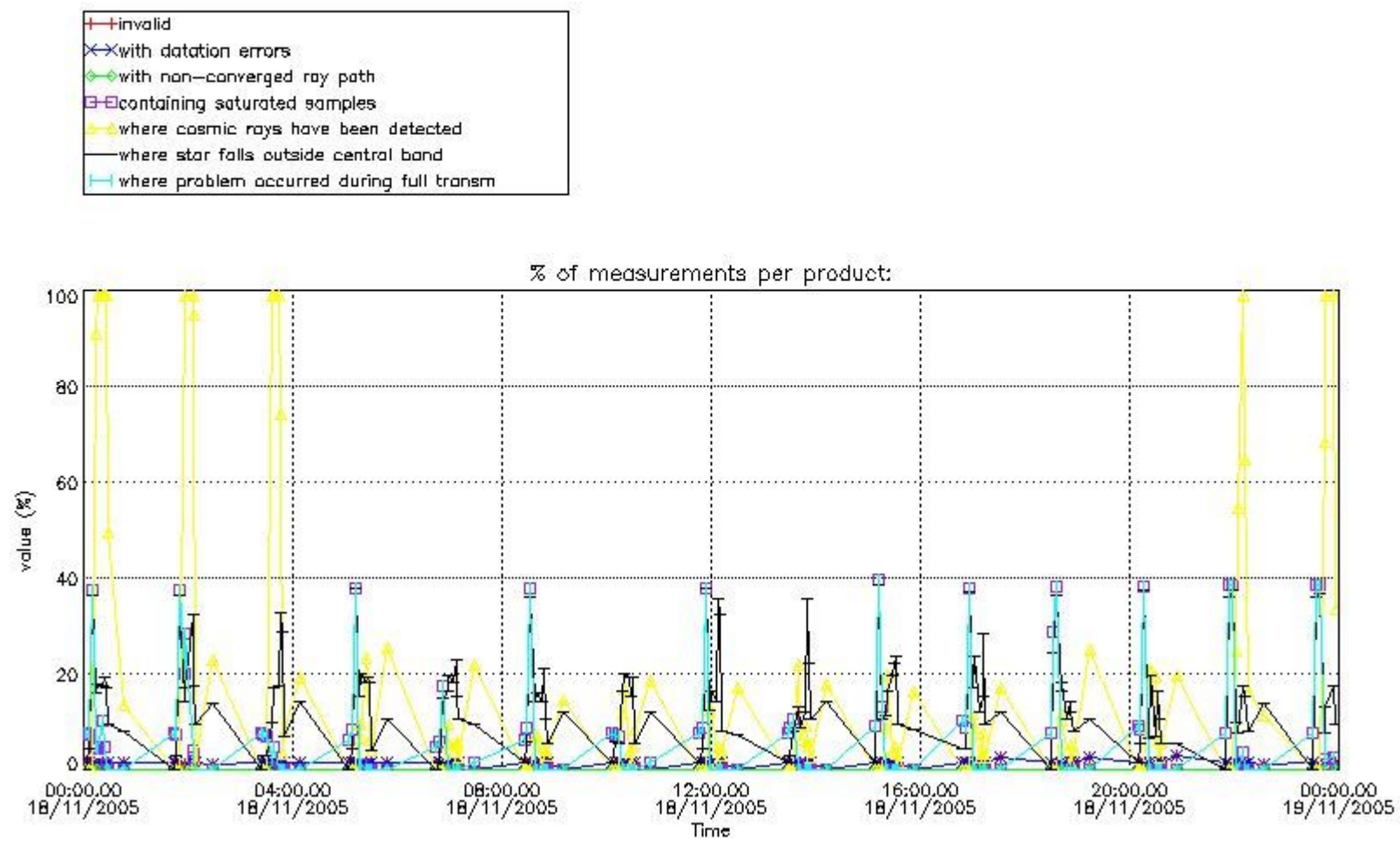


#### 4. Level 1 quality information per product

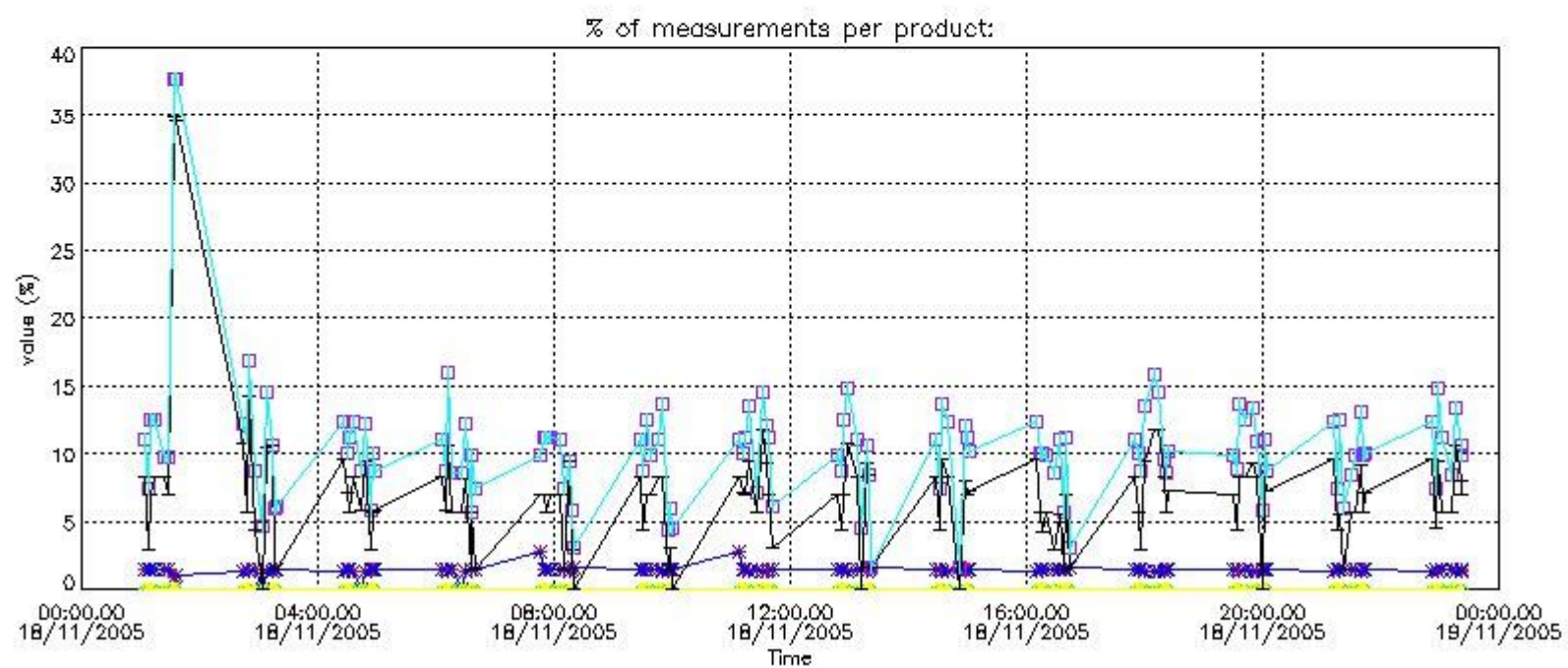
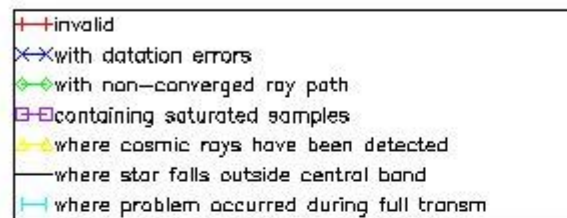
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



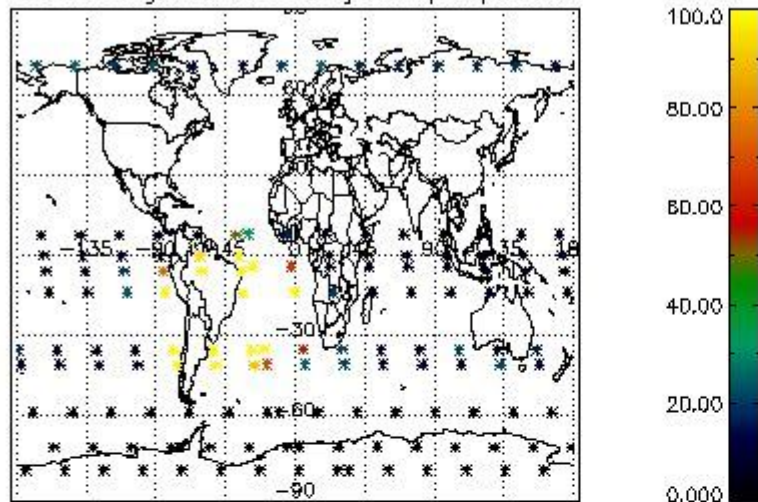
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



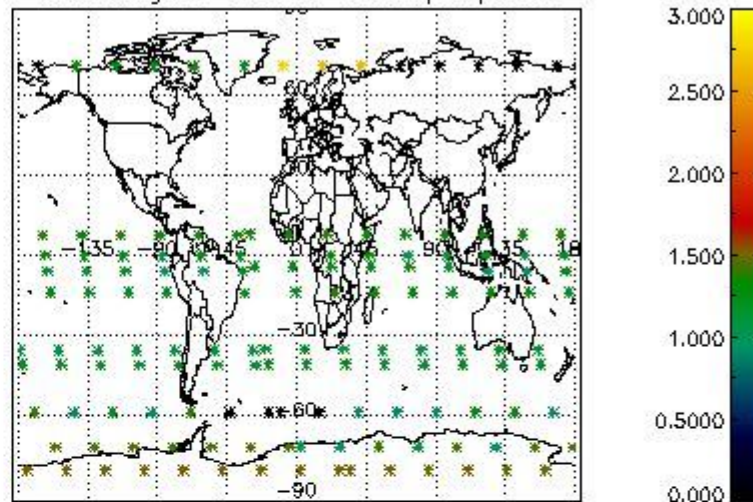
#### 4.2 Plot quality information per product coming from level 1b processing (world map)

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

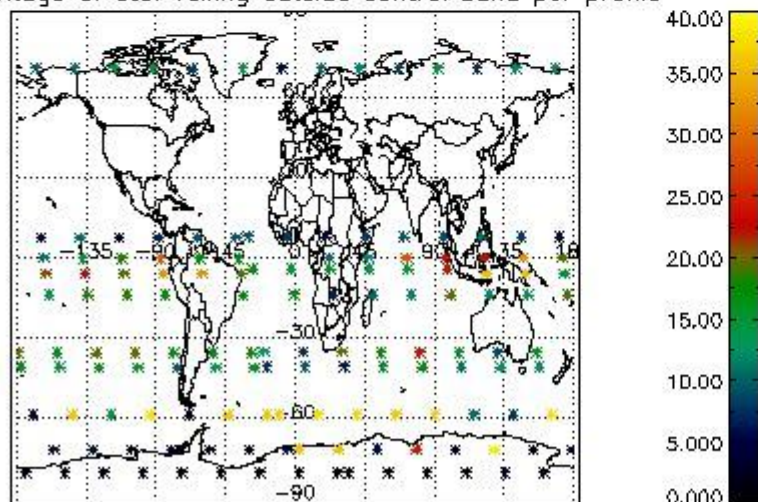
Percentage of cosmic ray hits per profile



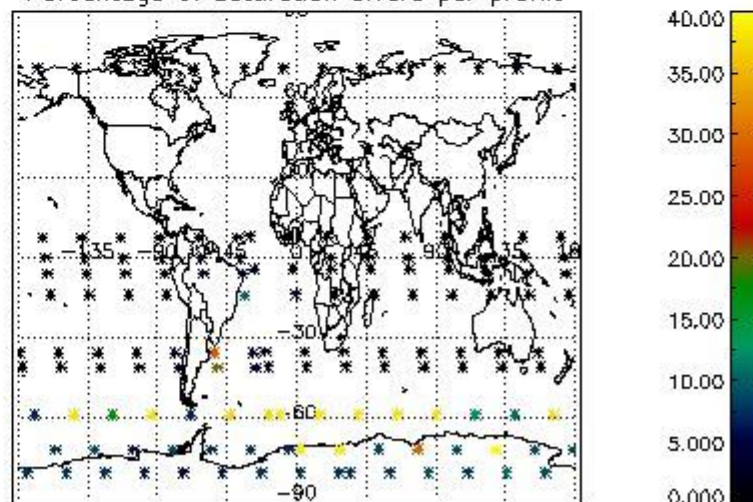
Percentage of datation errors per profile



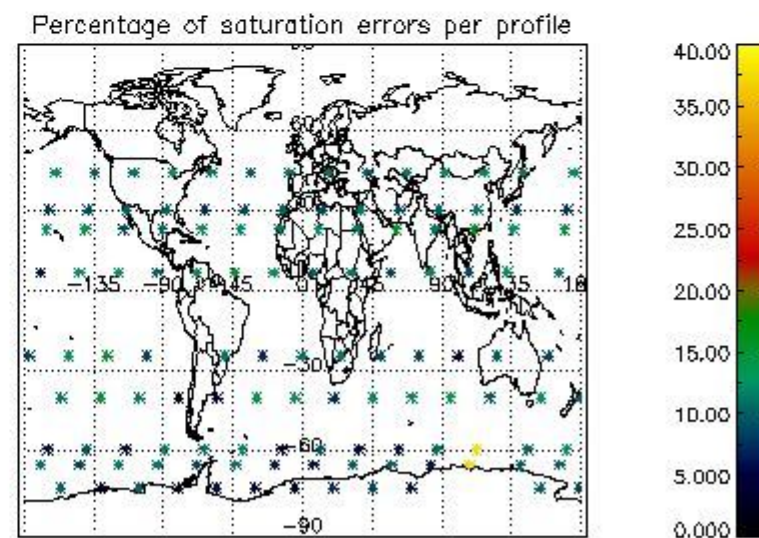
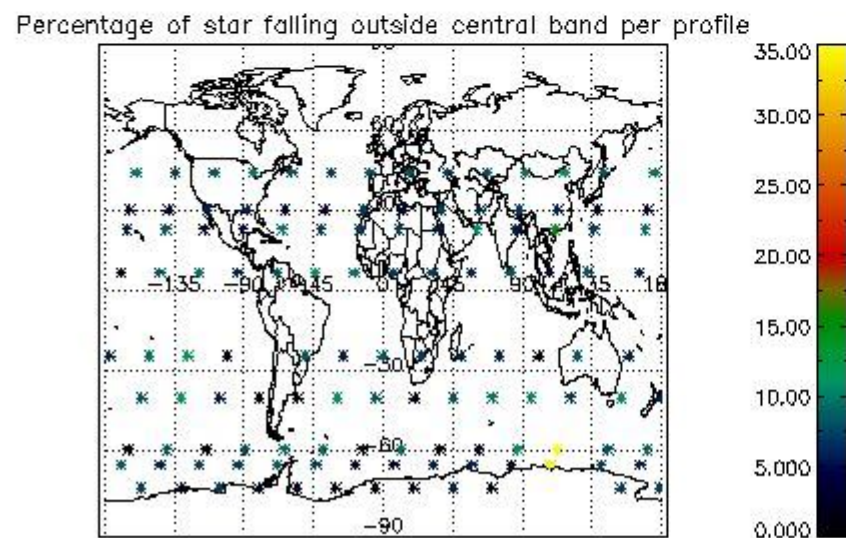
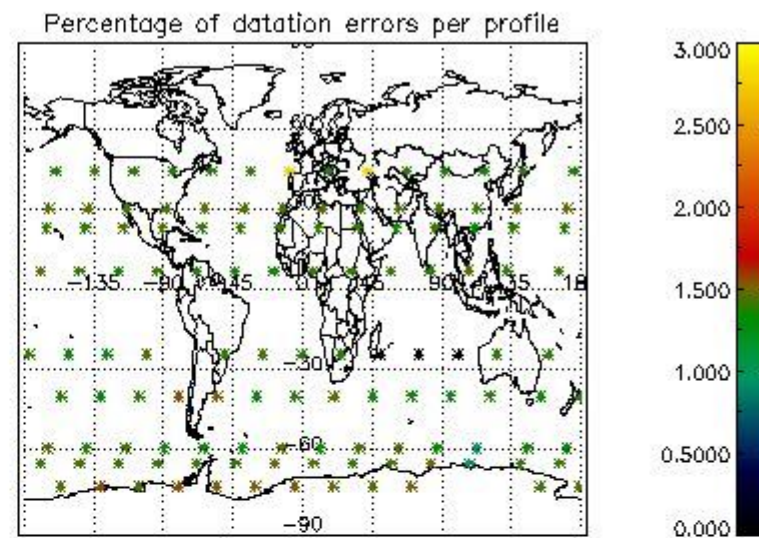
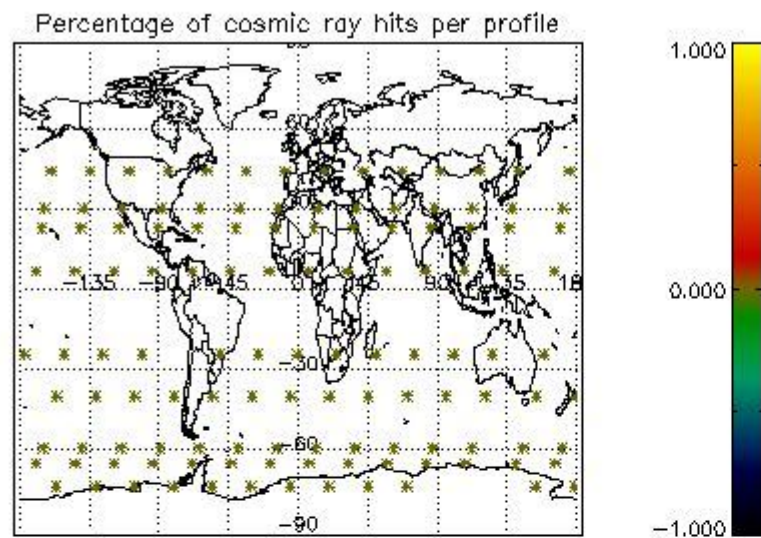
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

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

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

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

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

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

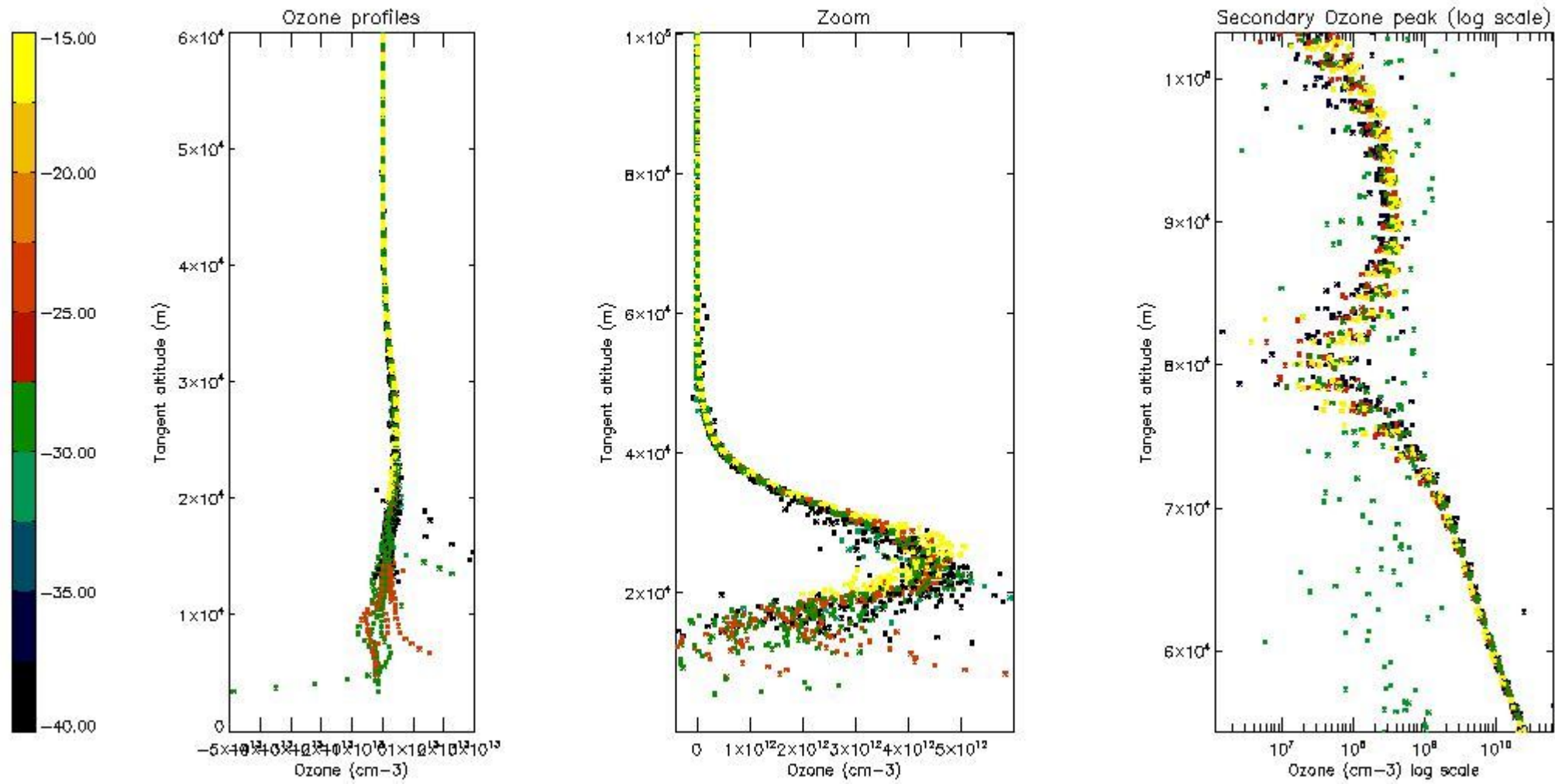
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	23
STD < 20	14

STD < 10	12
STD < 5	9

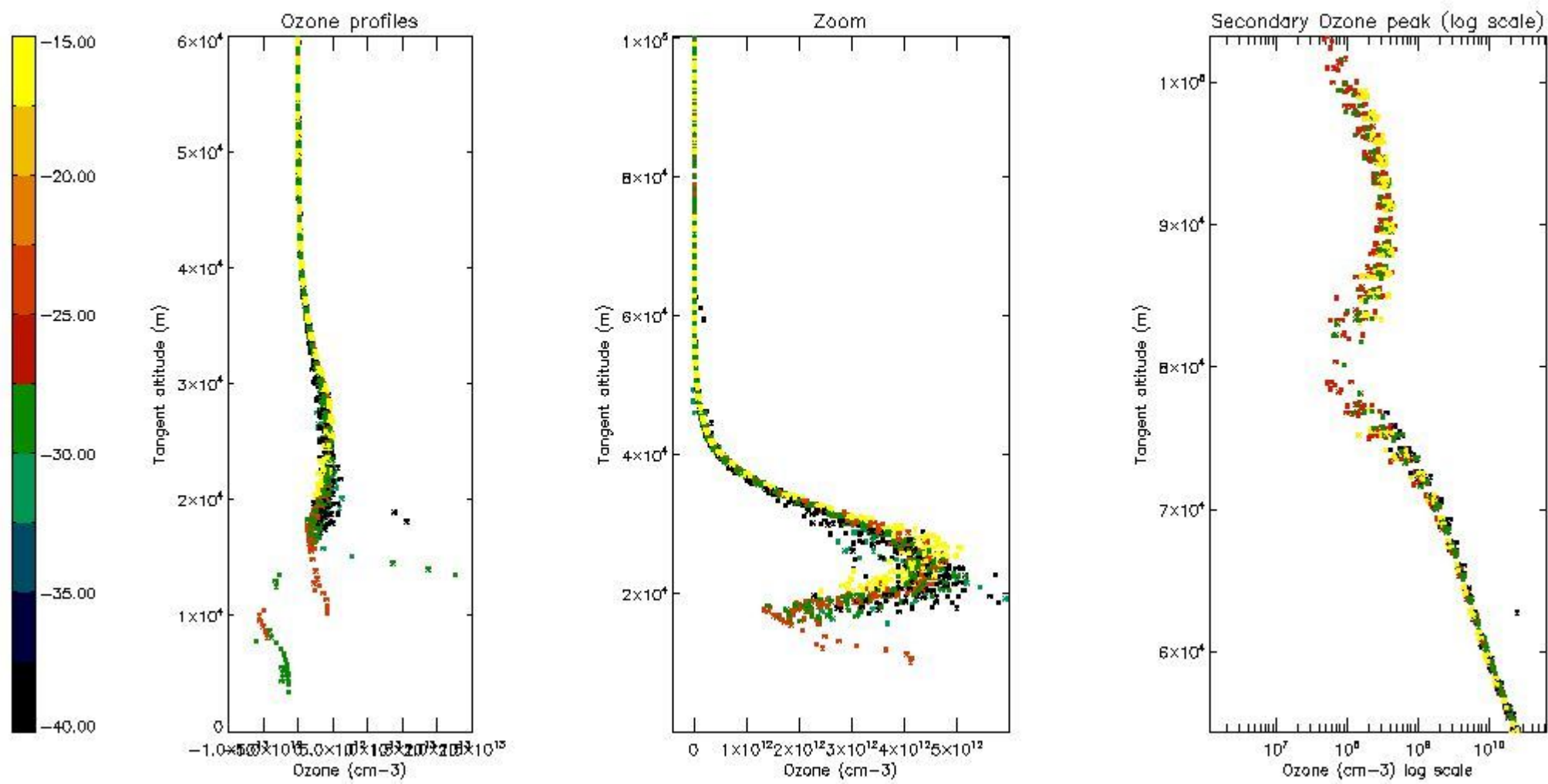
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

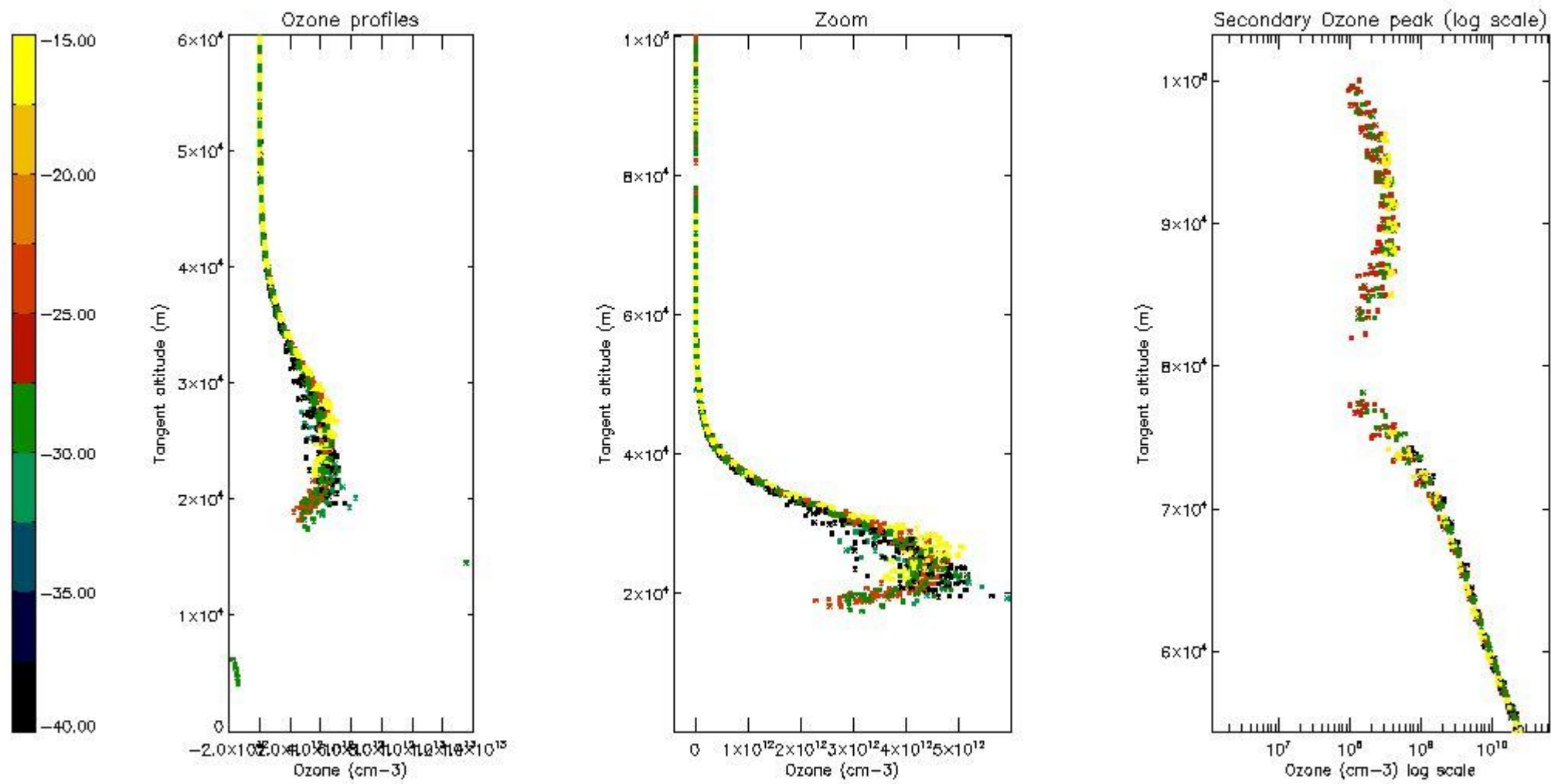
The colorbar represents the latitude.



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

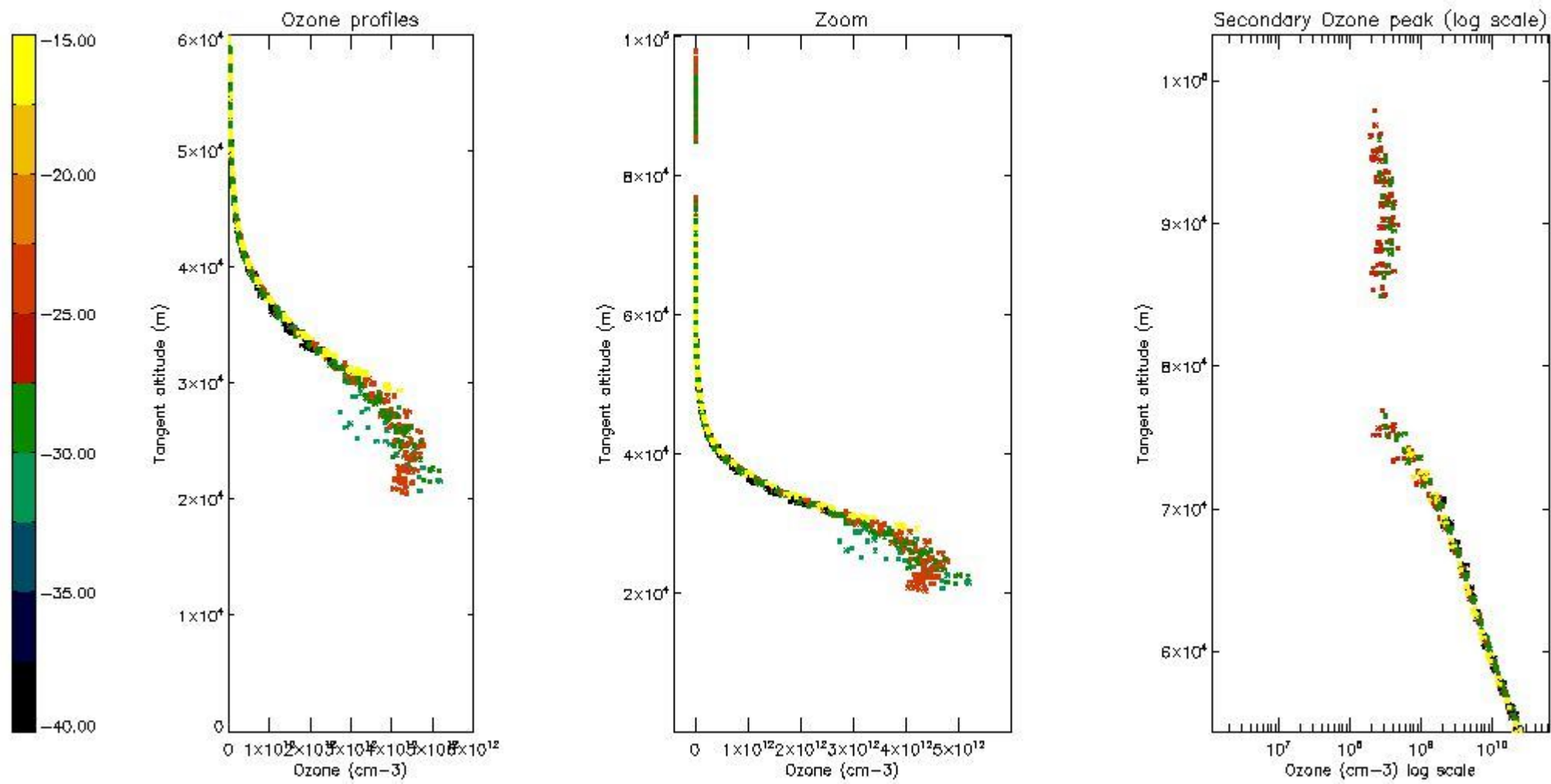
The colorbar represents the latitude.





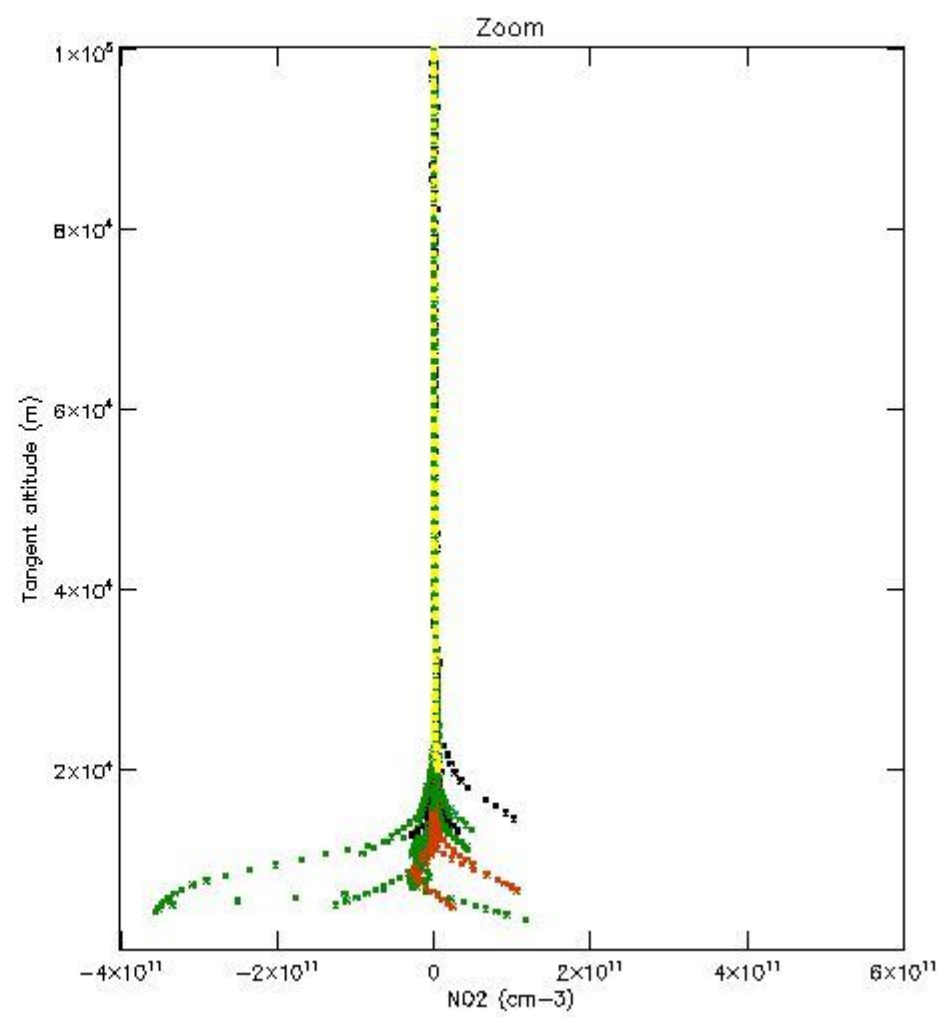
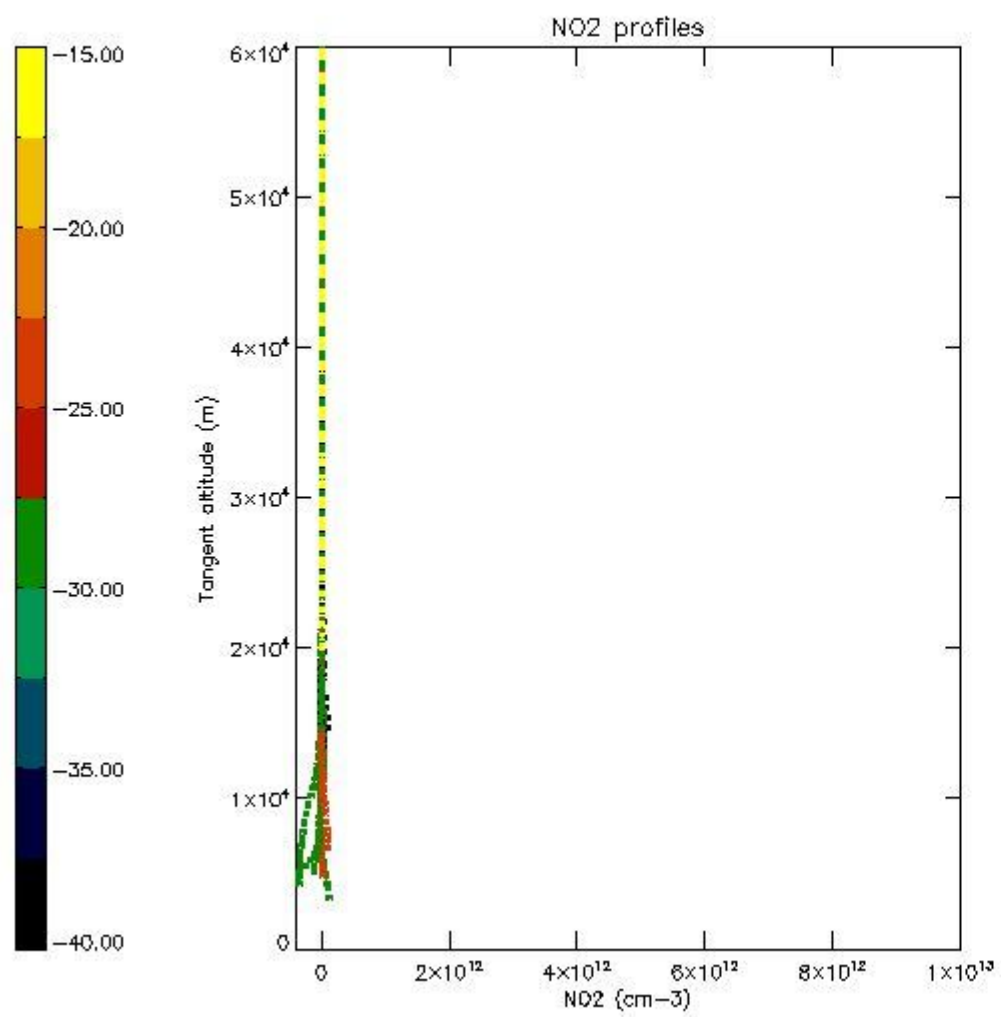
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



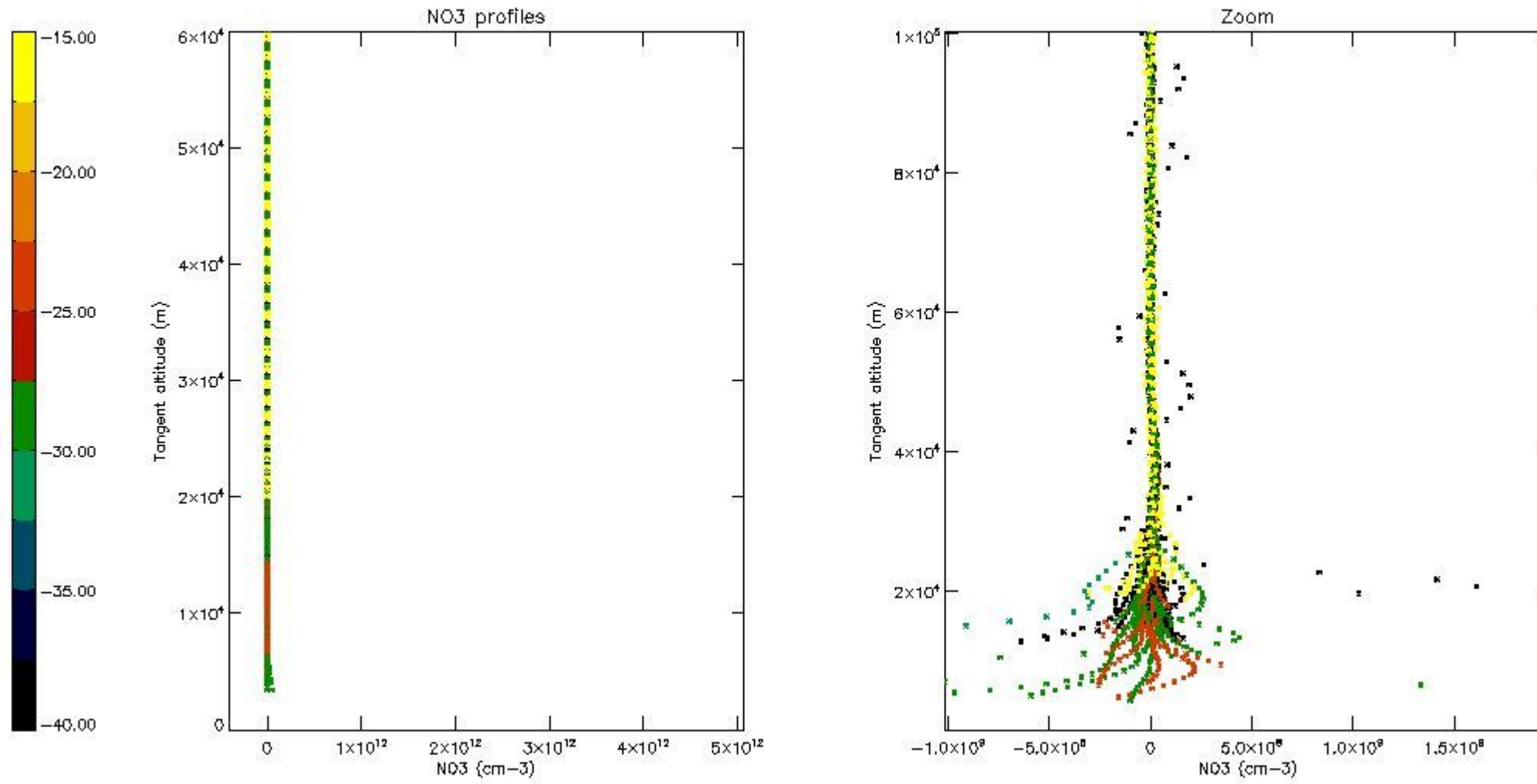
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

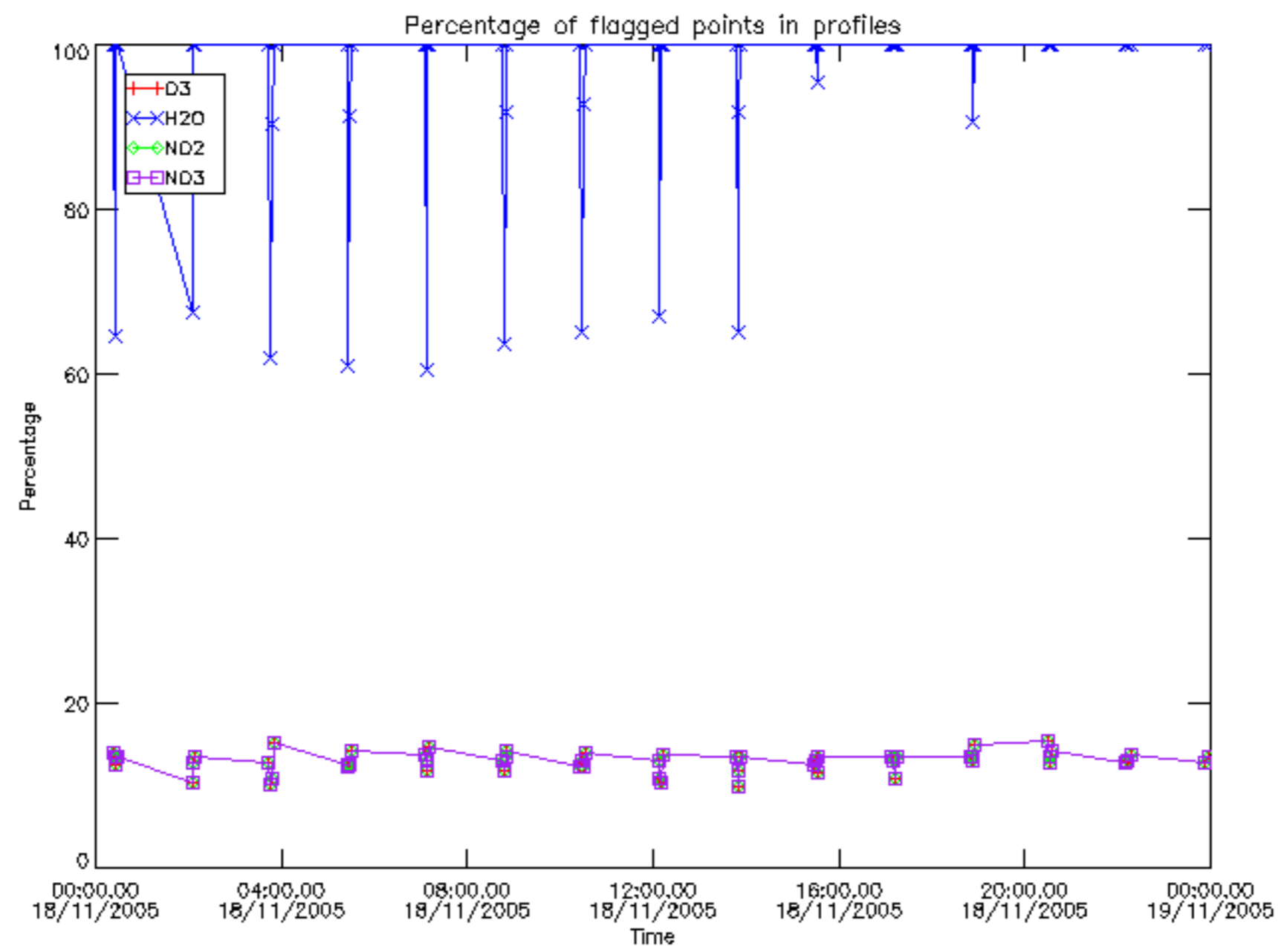
The colorbar represents the latitude.



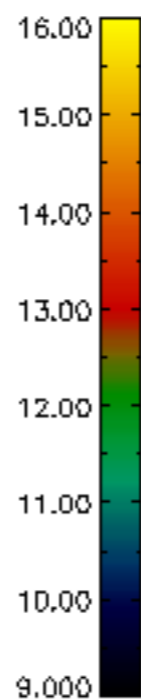
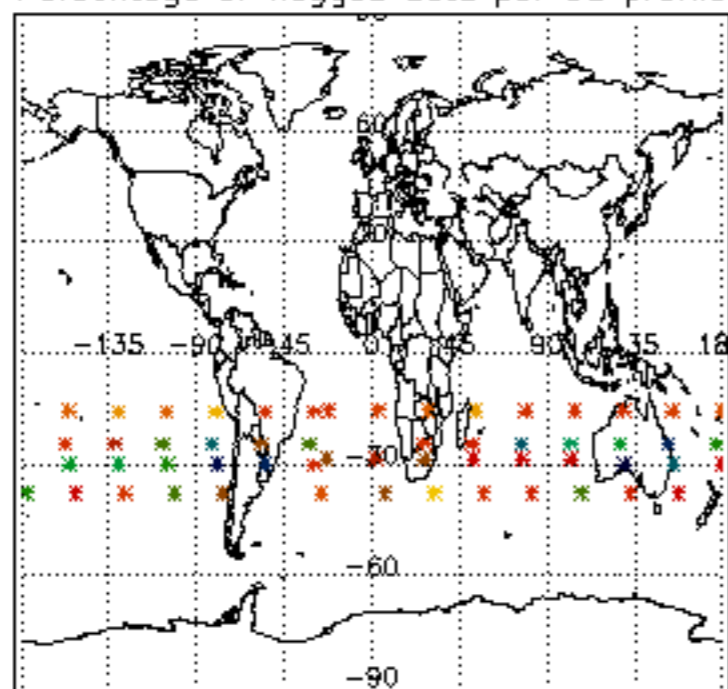
## 6. Auxiliary Data Files used for the production reported in section 2

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.

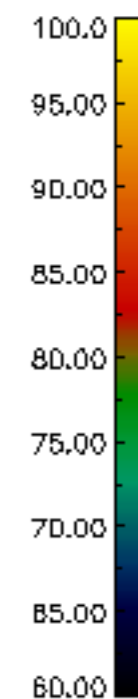
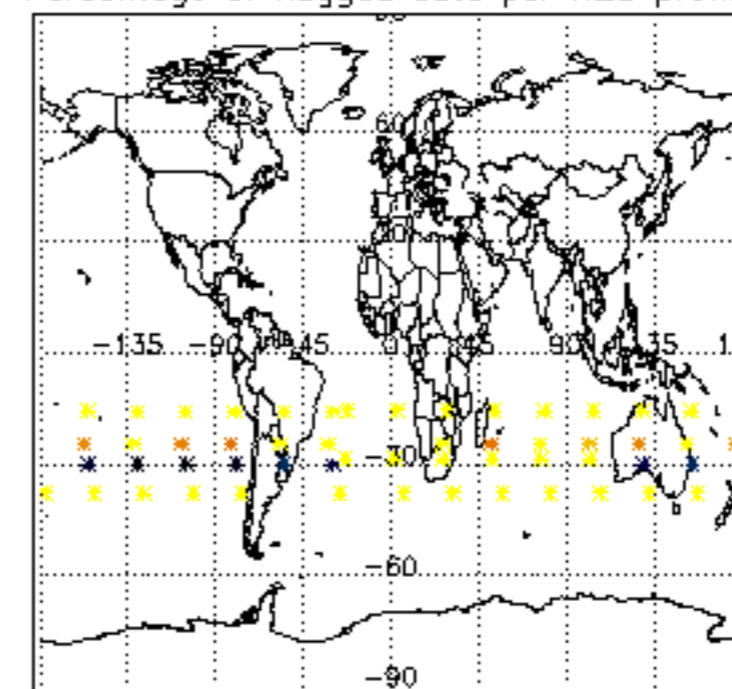
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	18-NOV-2005 00:02:32
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	18-NOV-2005 00:02:32
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	18-NOV-2005 00:02:32



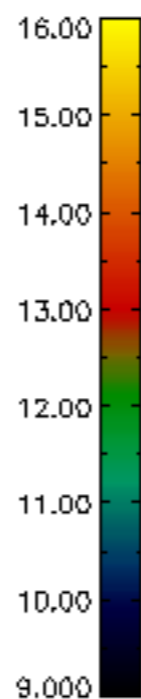
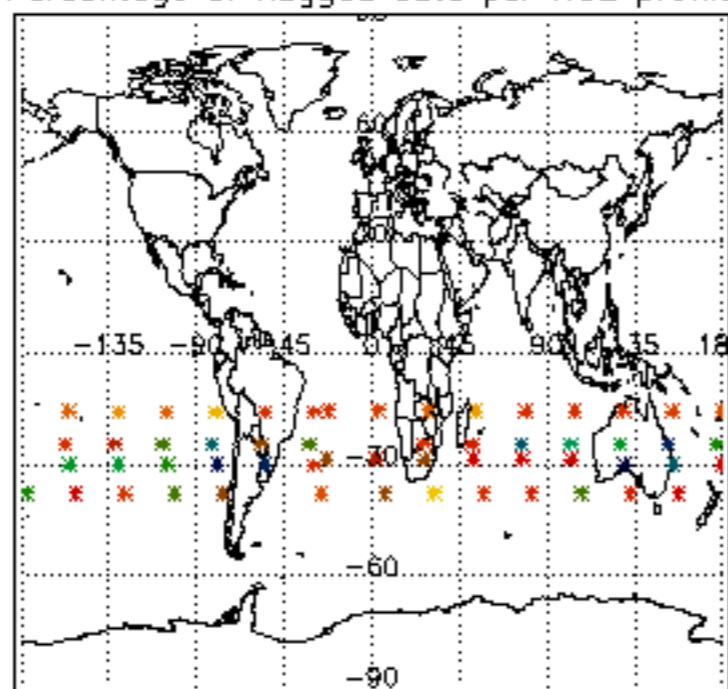
Percentage of flagged data per D3 profile



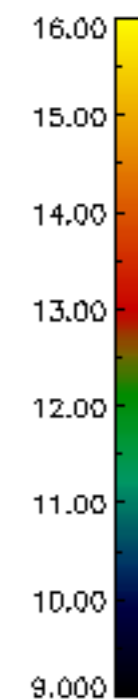
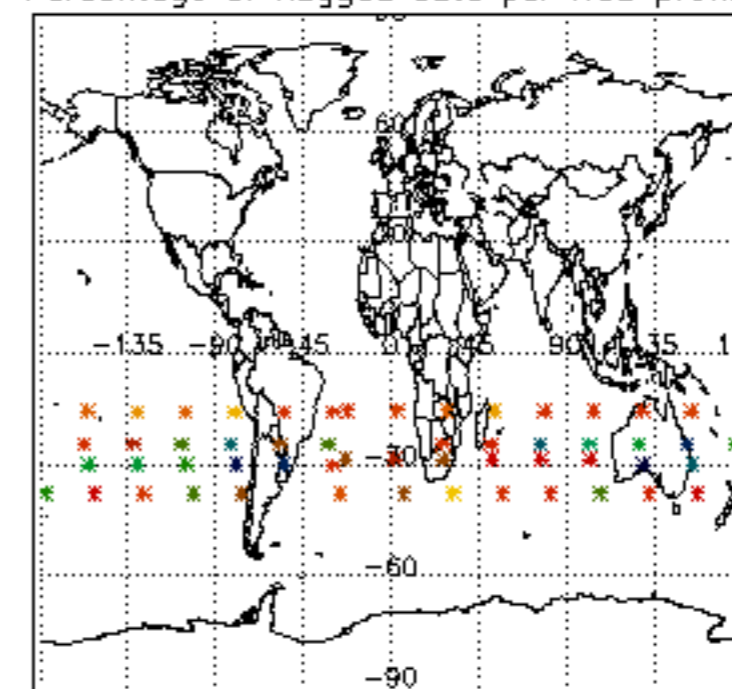
Percentage of flagged data per H2O profile

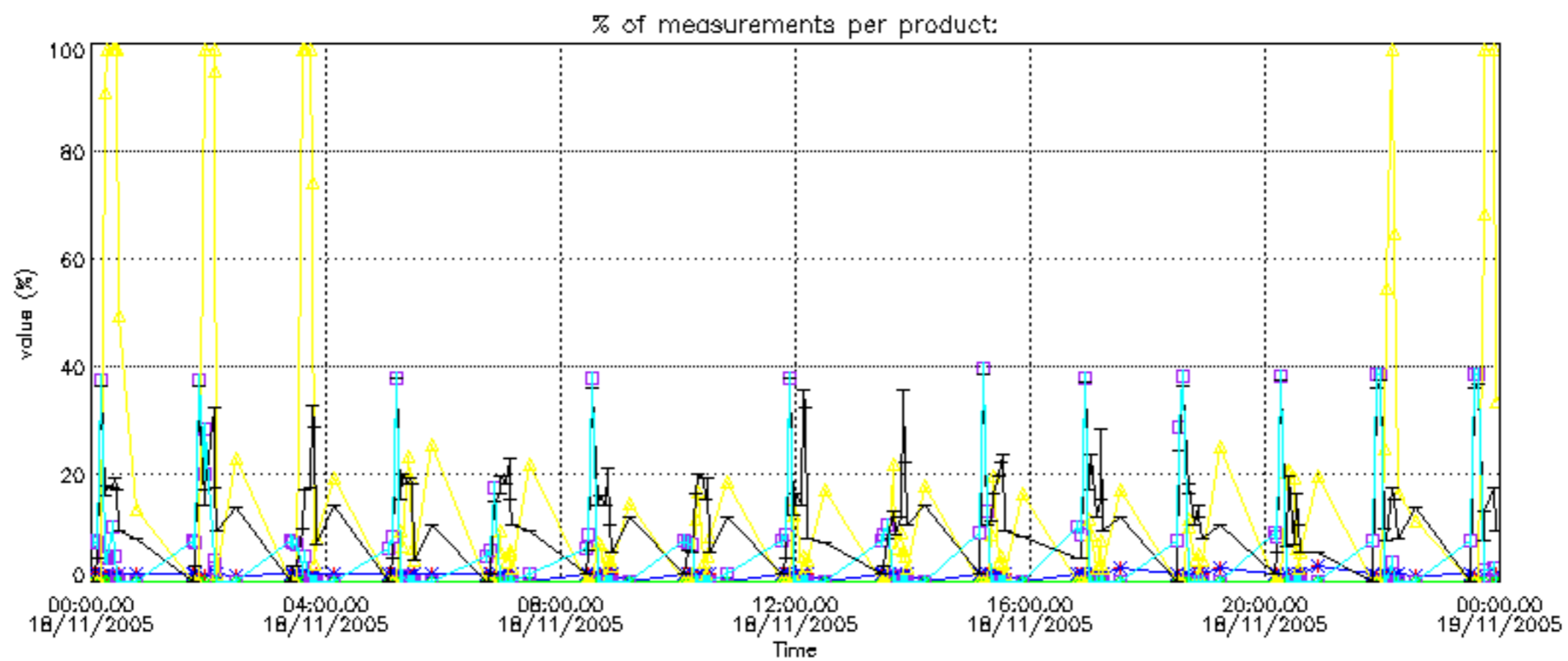
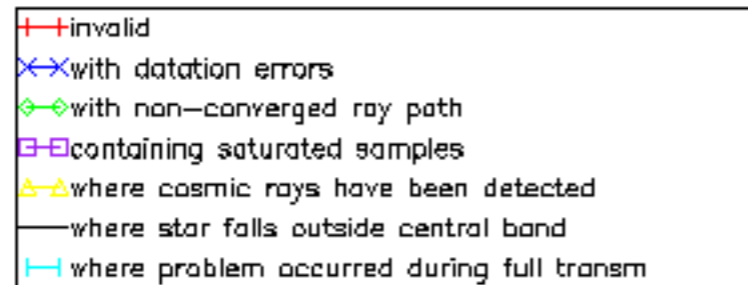


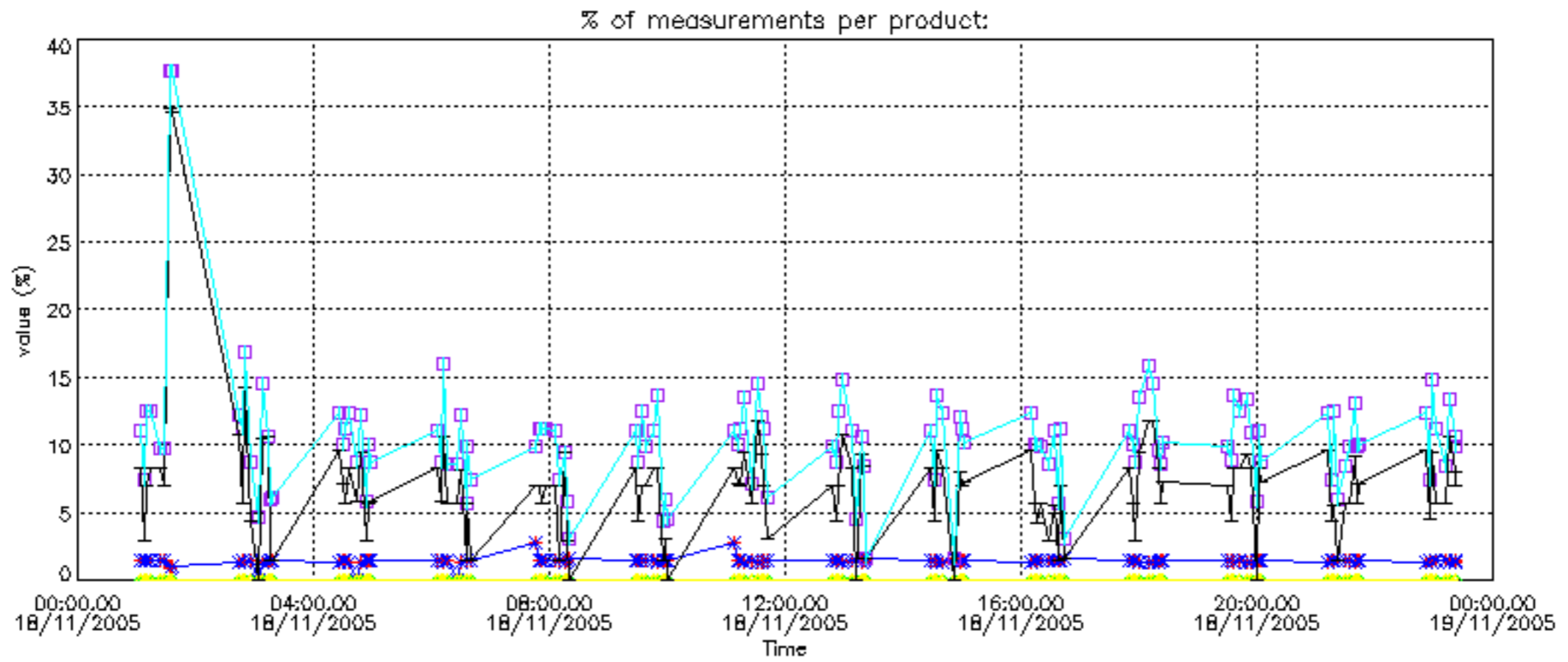
Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

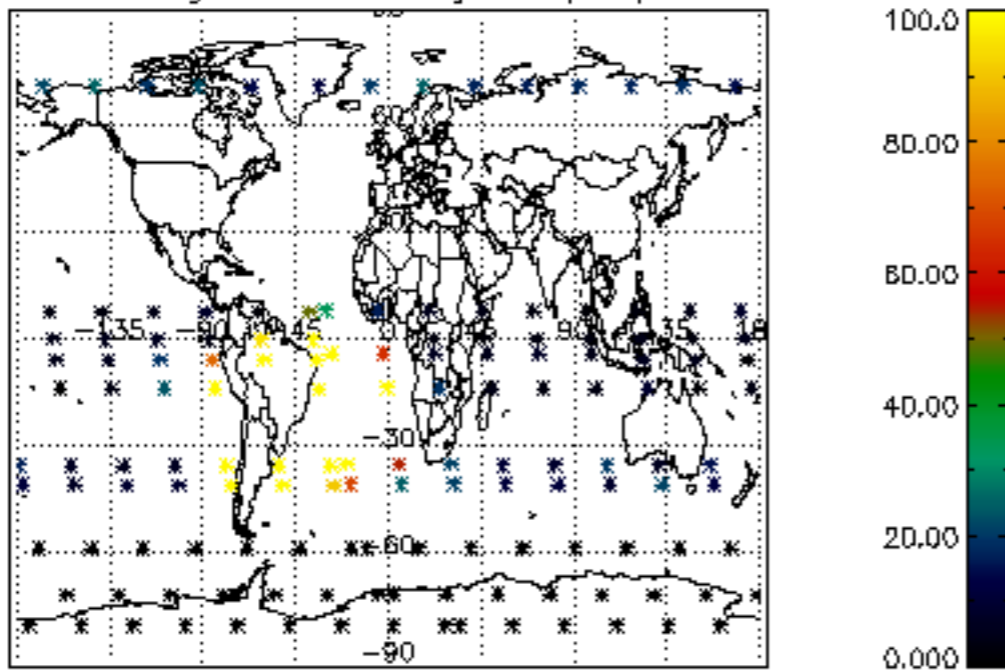




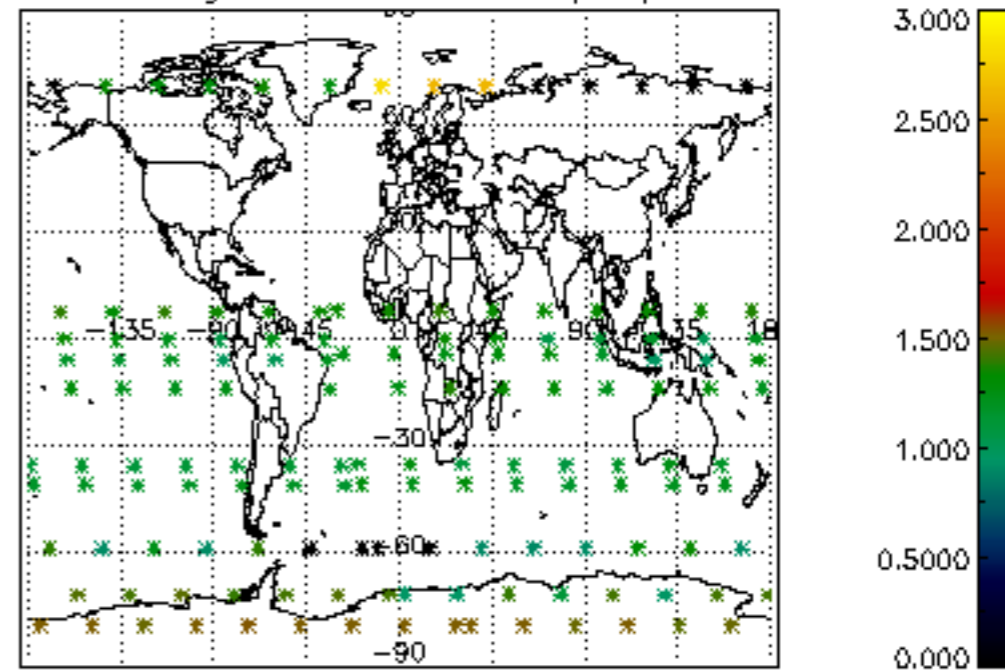




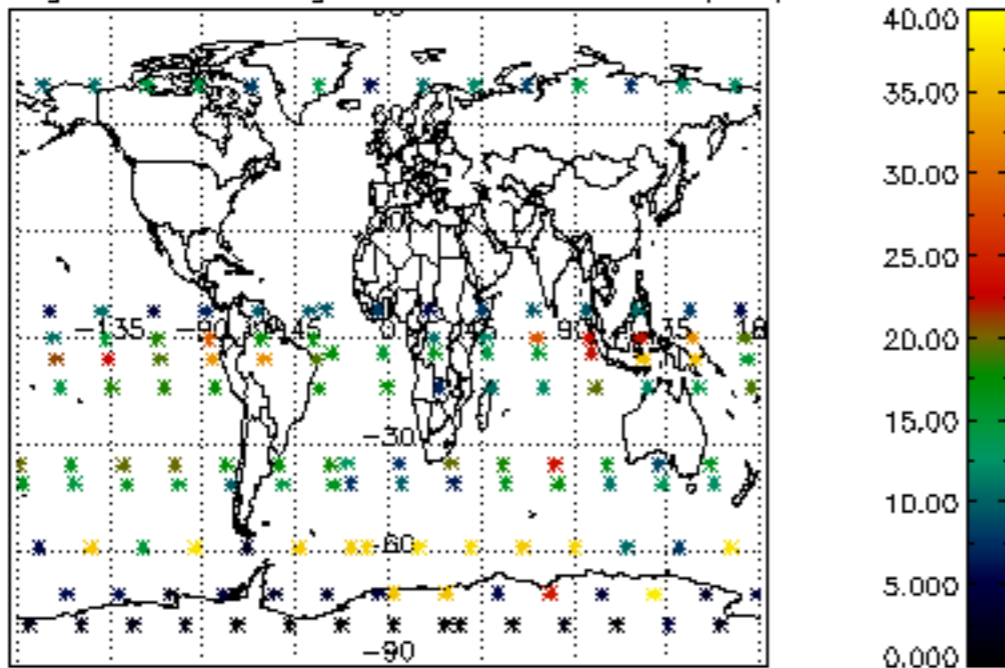
Percentage of cosmic ray hits per profile



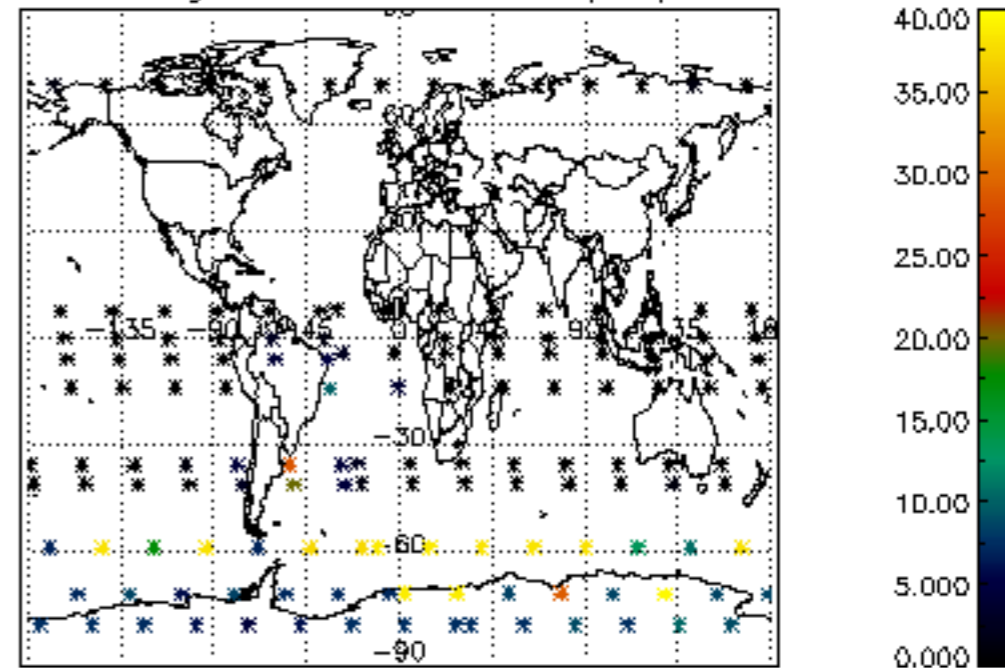
Percentage of datation errors per profile



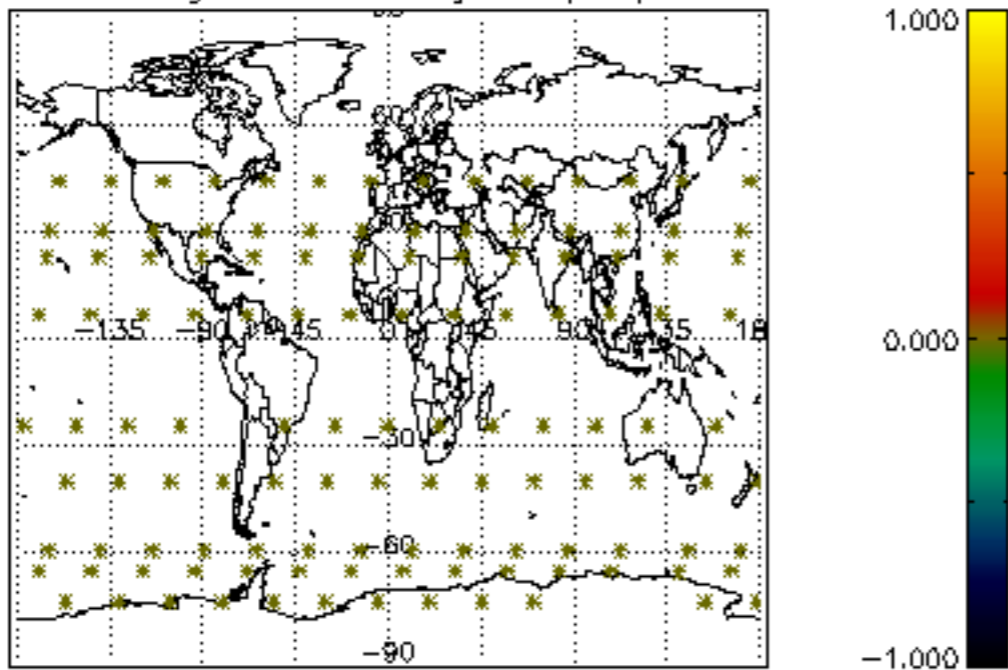
Percentage of star falling outside central band per profile



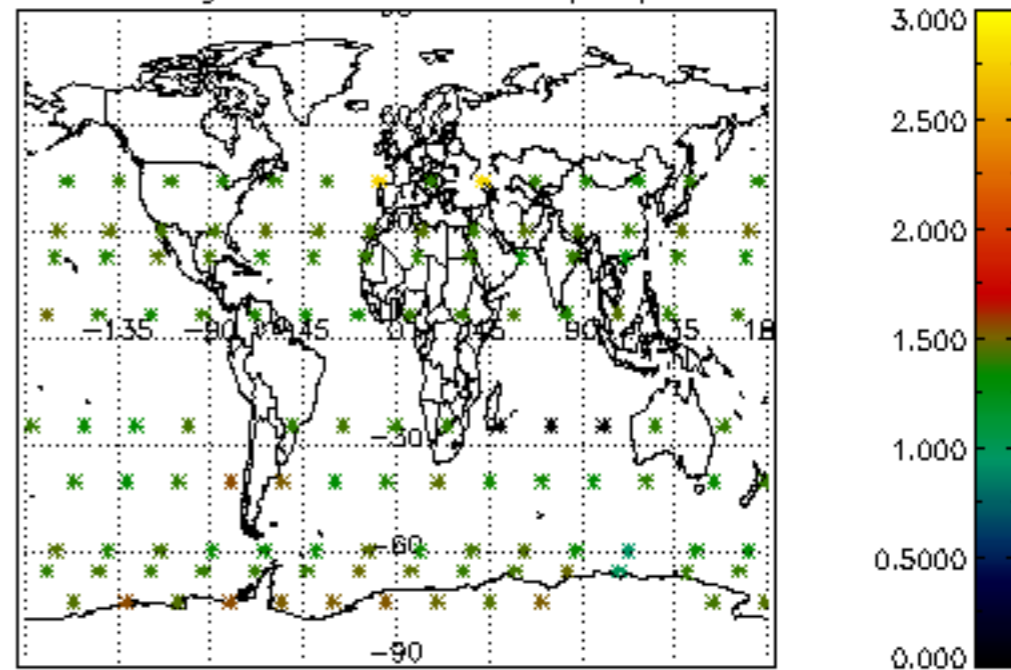
Percentage of saturation errors per profile



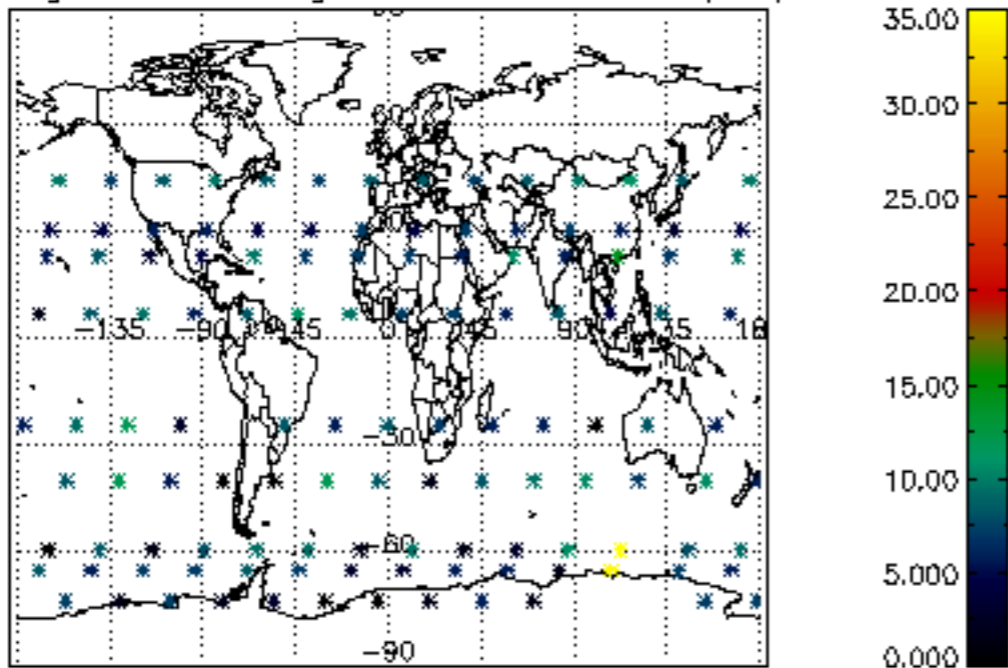
Percentage of cosmic ray hits per profile



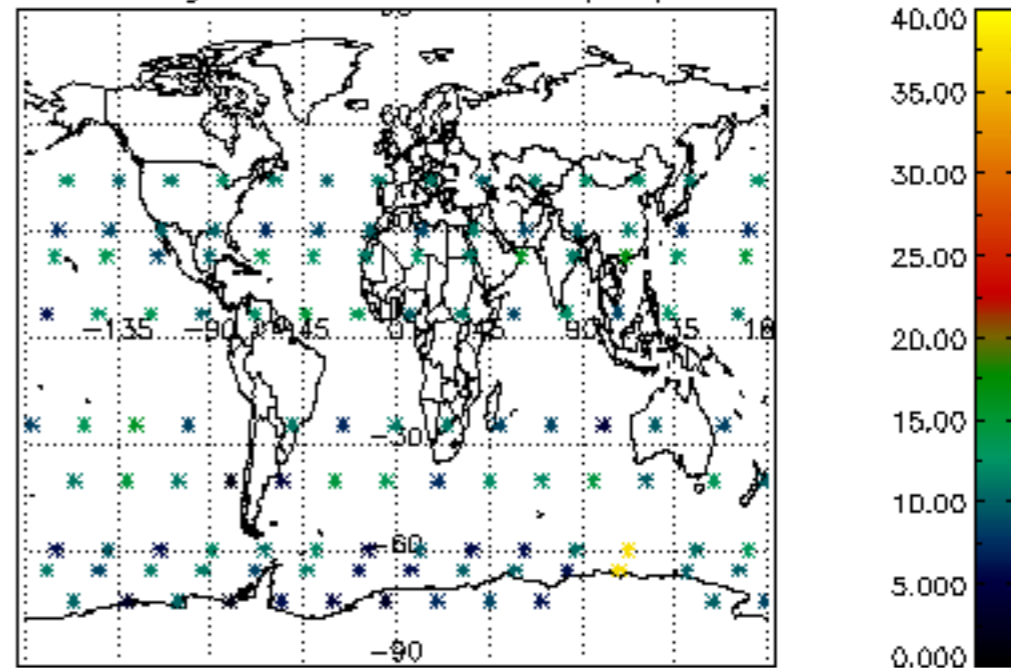
Percentage of datation errors per profile

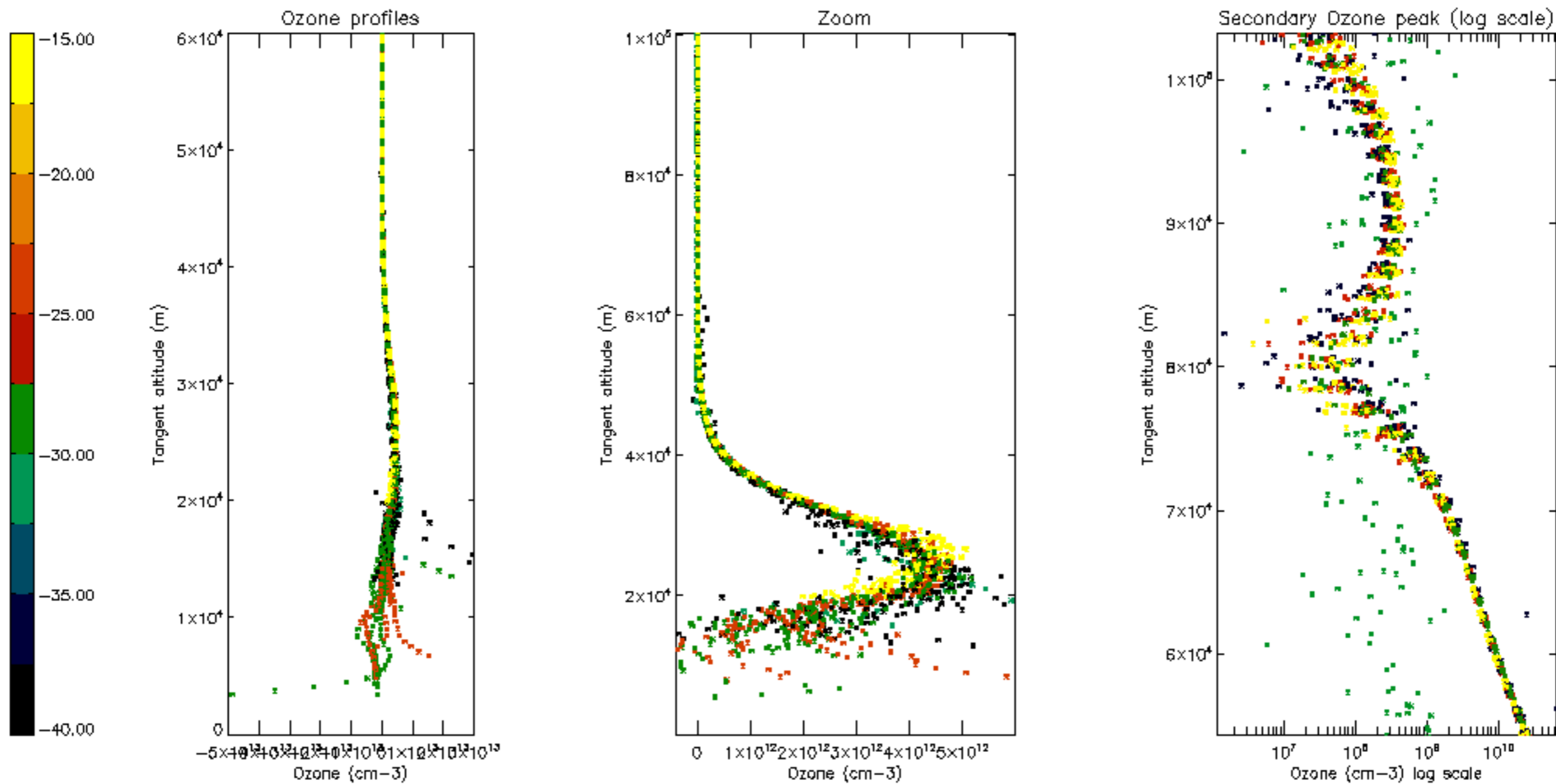


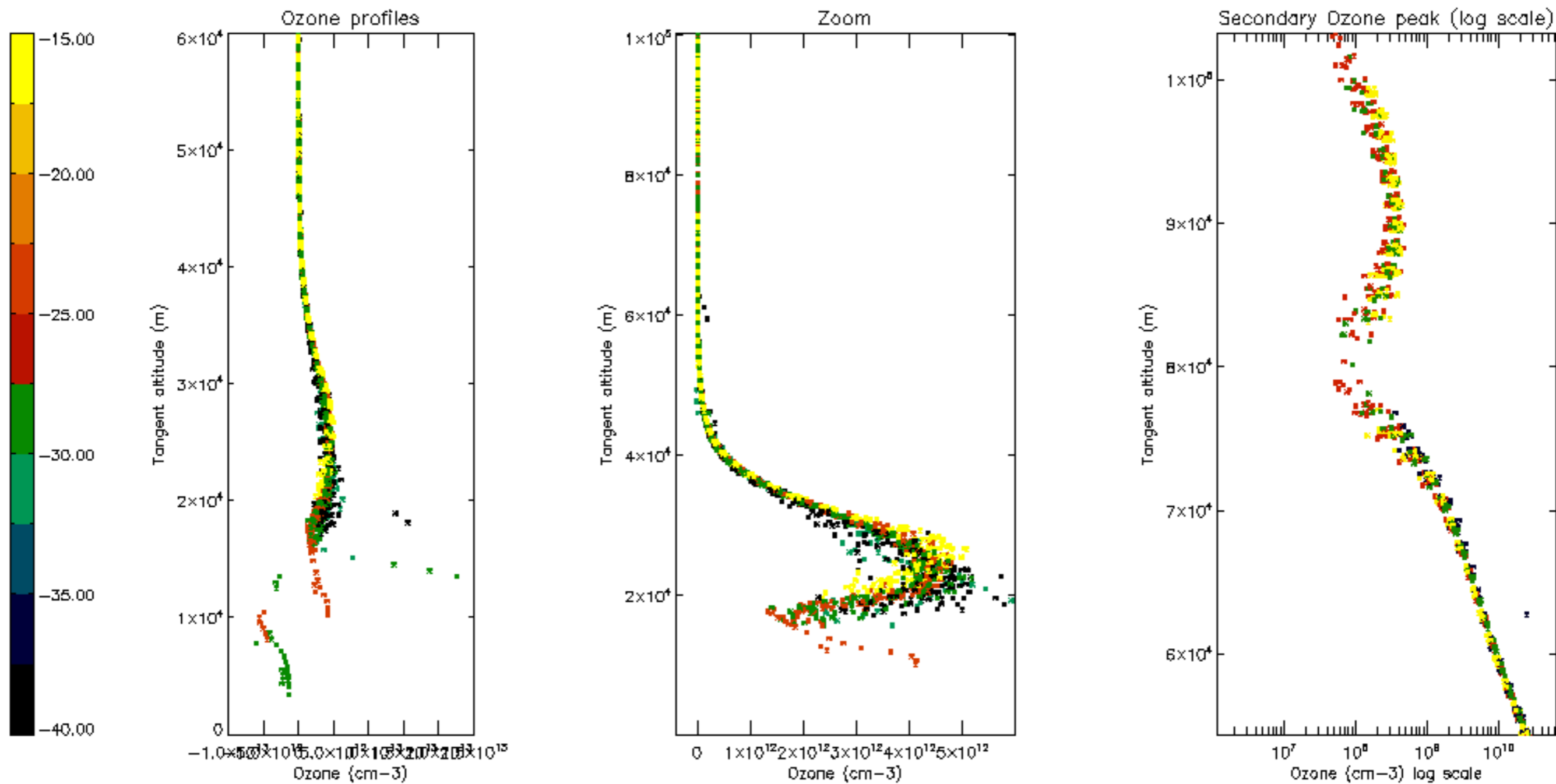
Percentage of star falling outside central band per profile

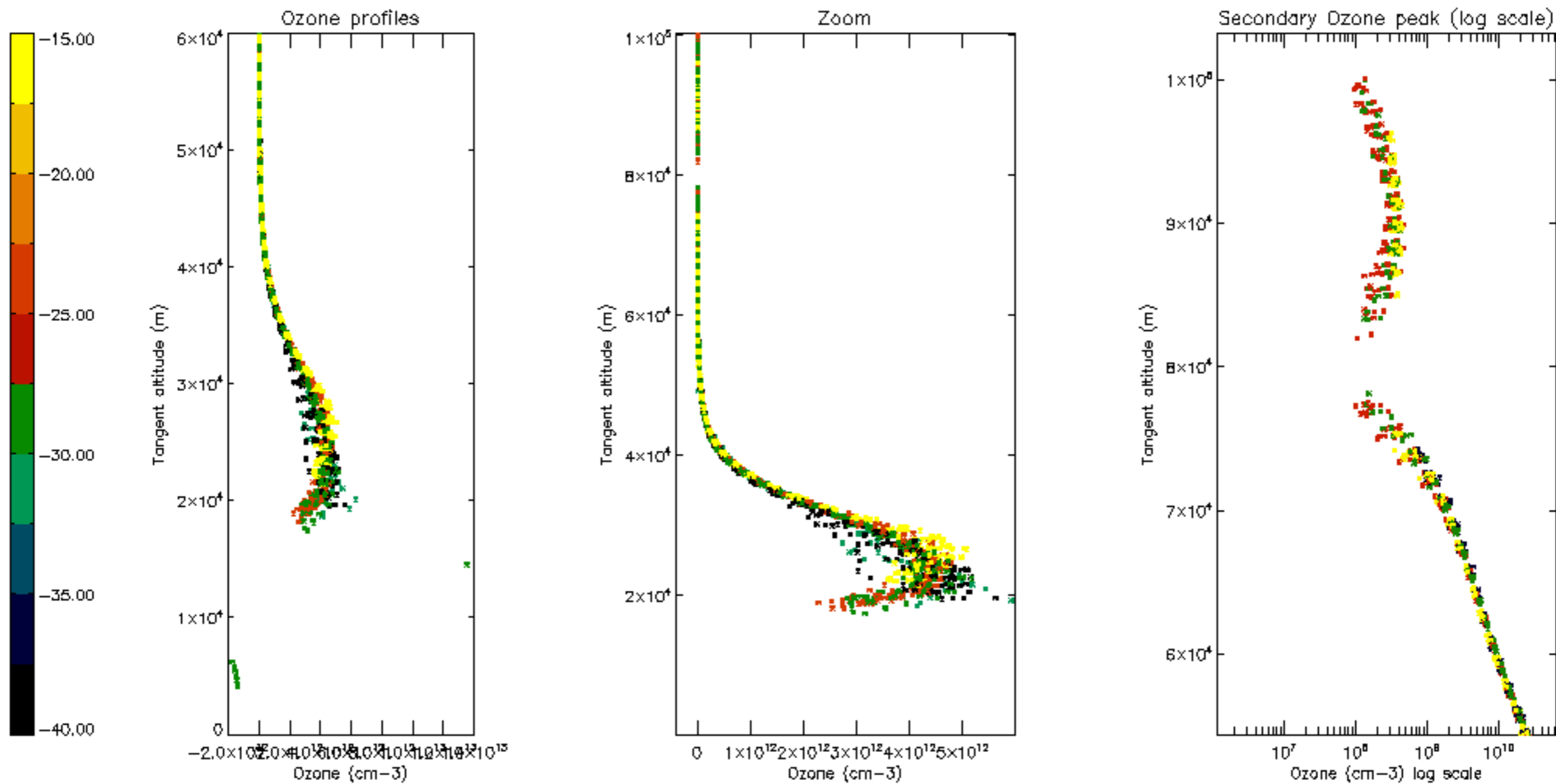


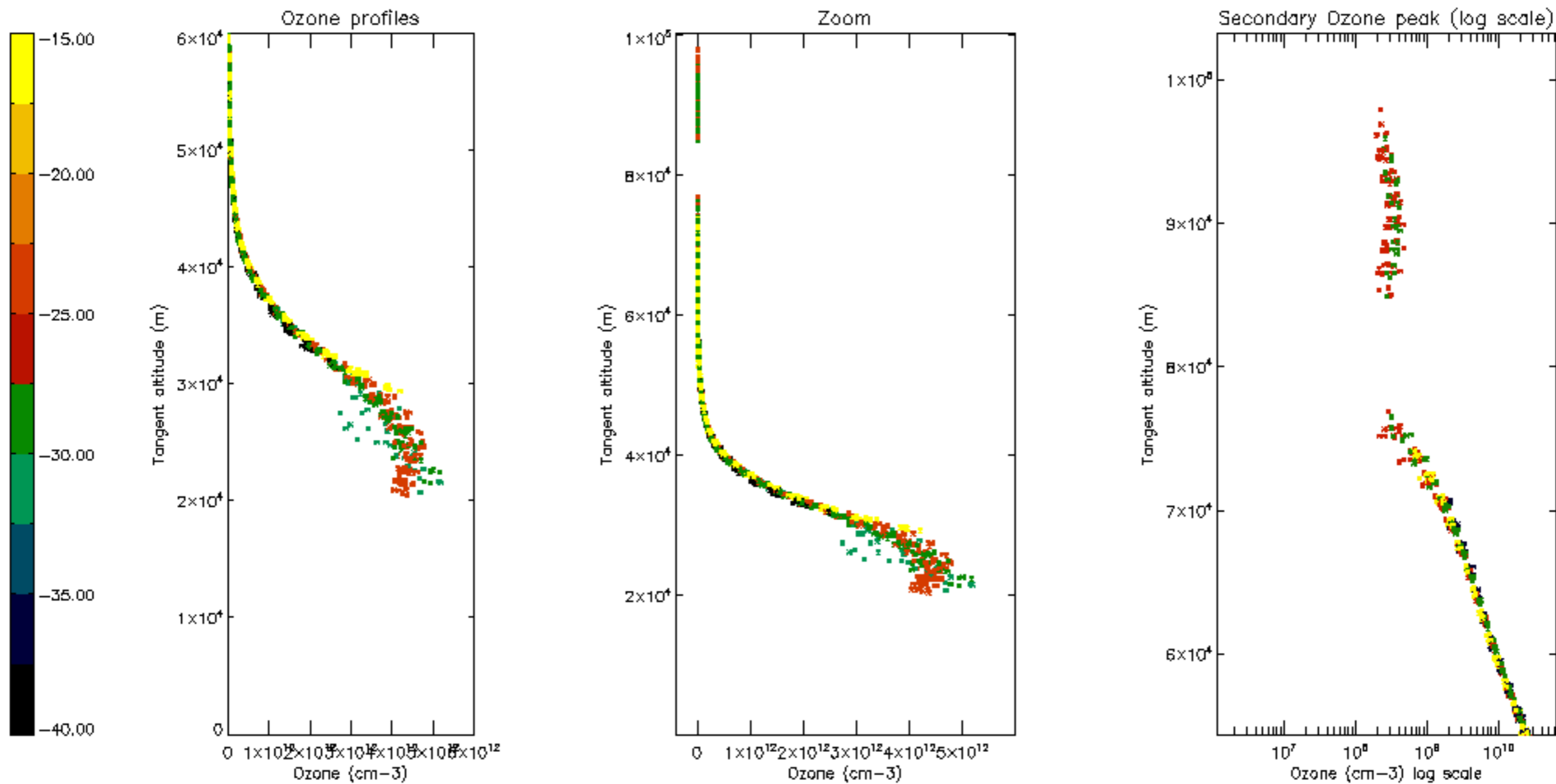
Percentage of saturation errors per profile

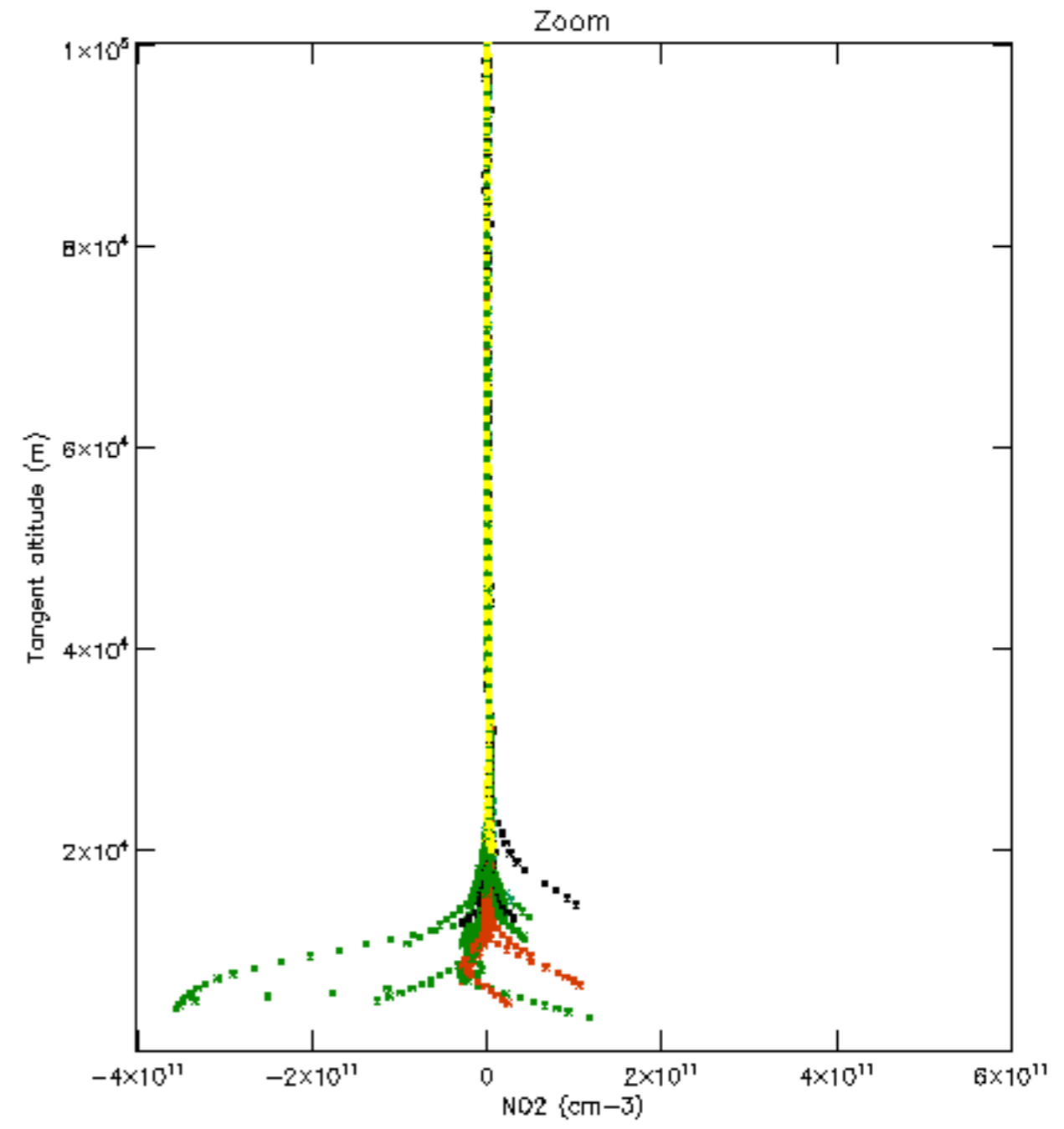
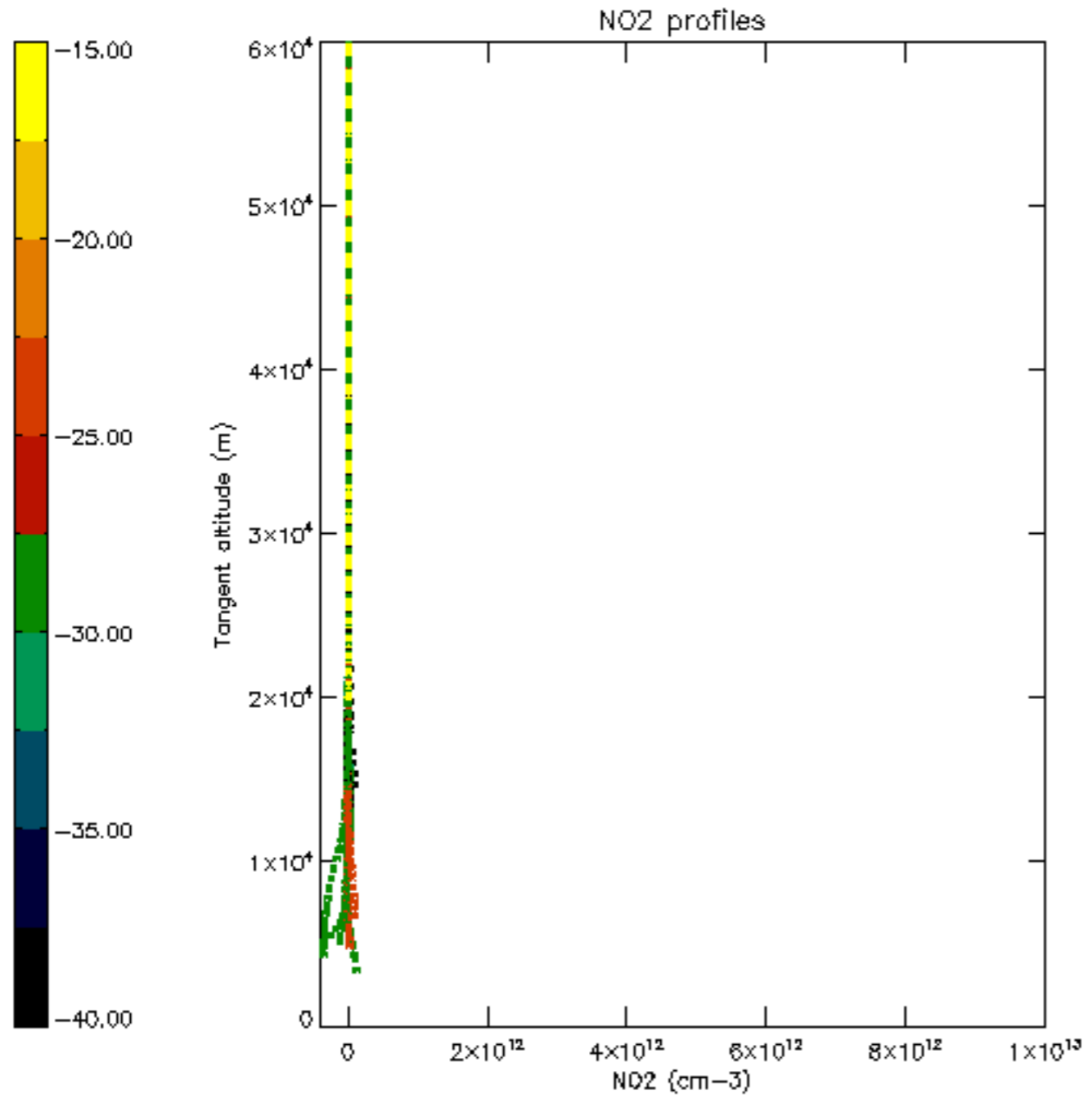


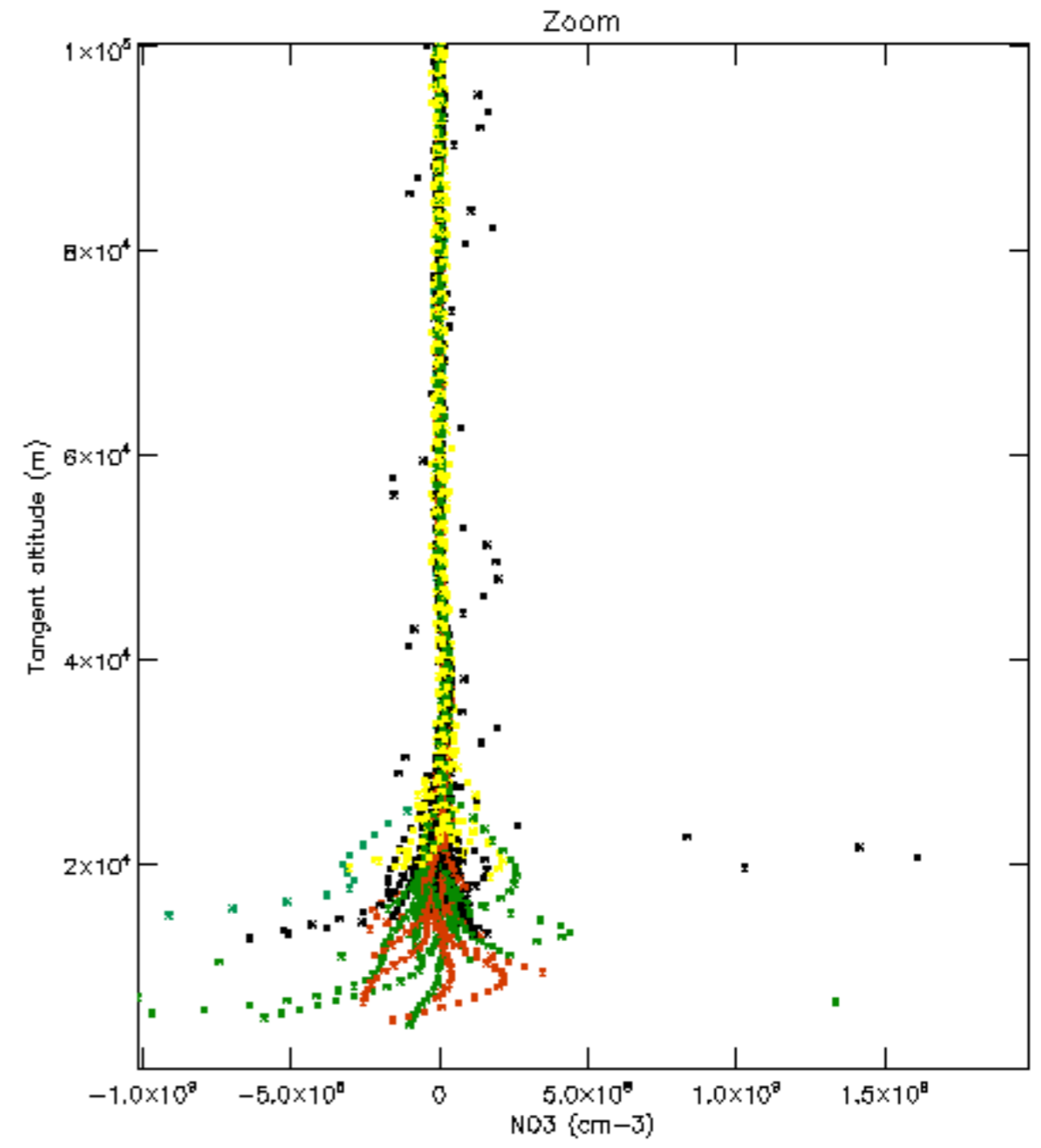
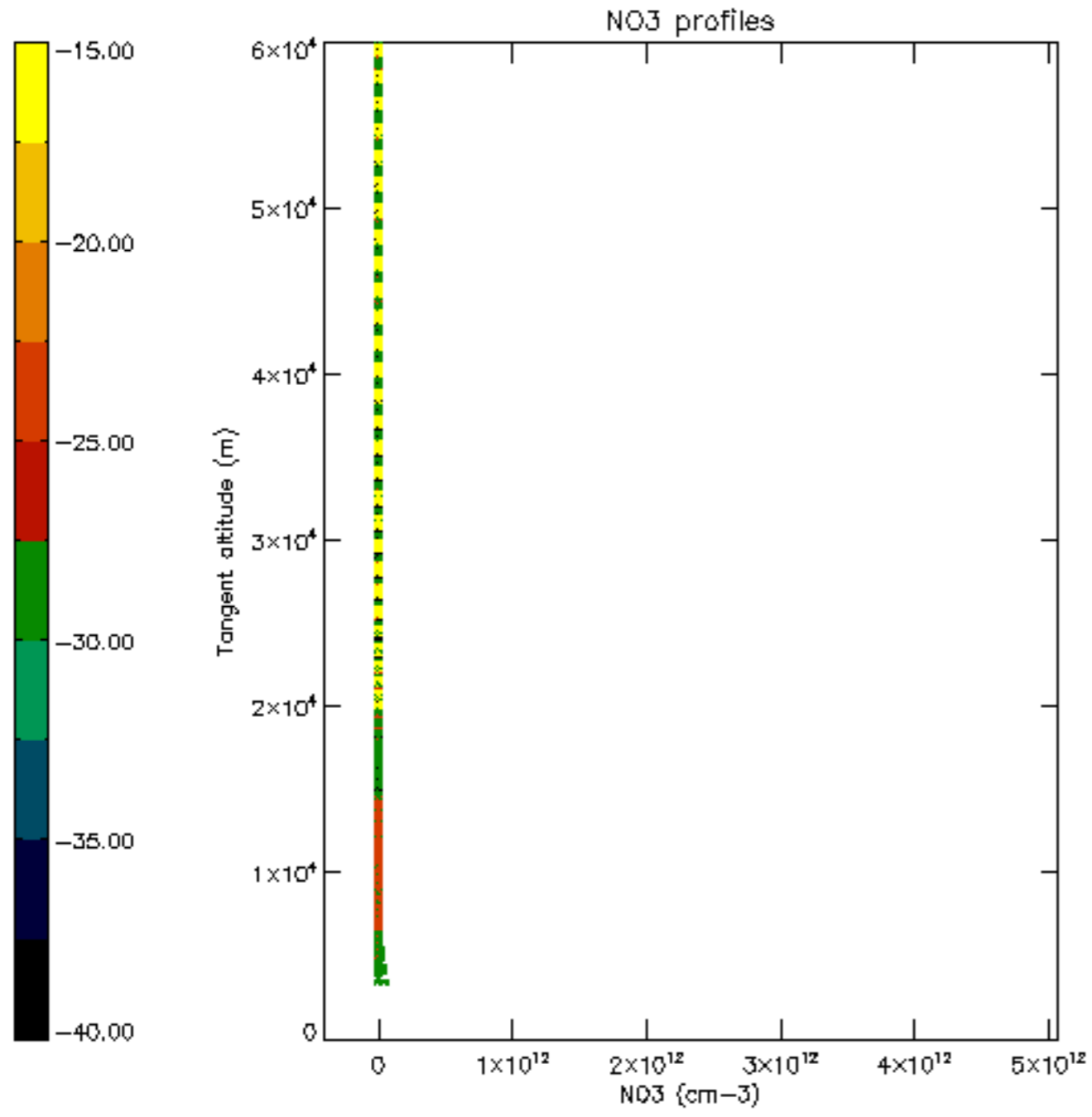




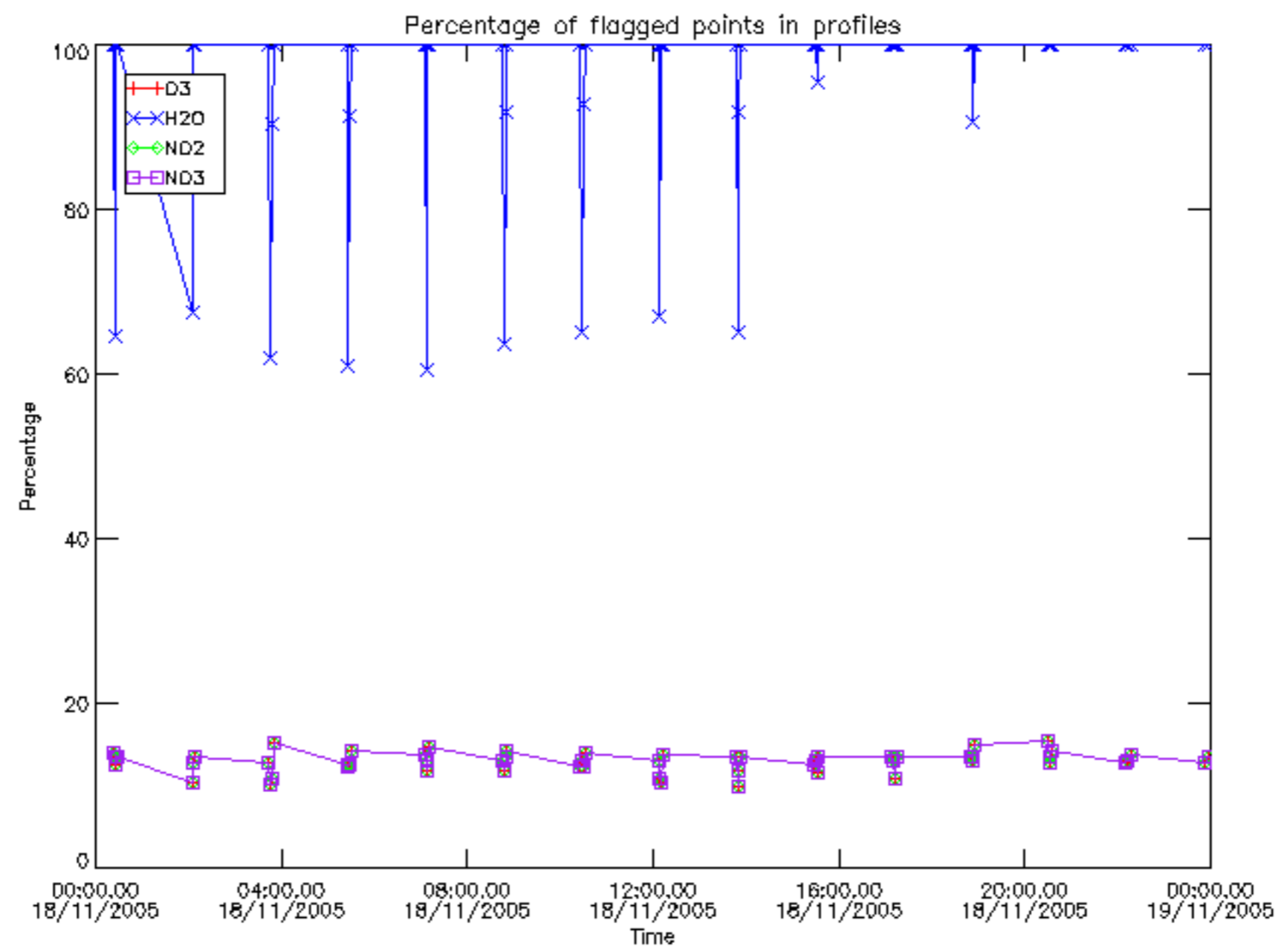




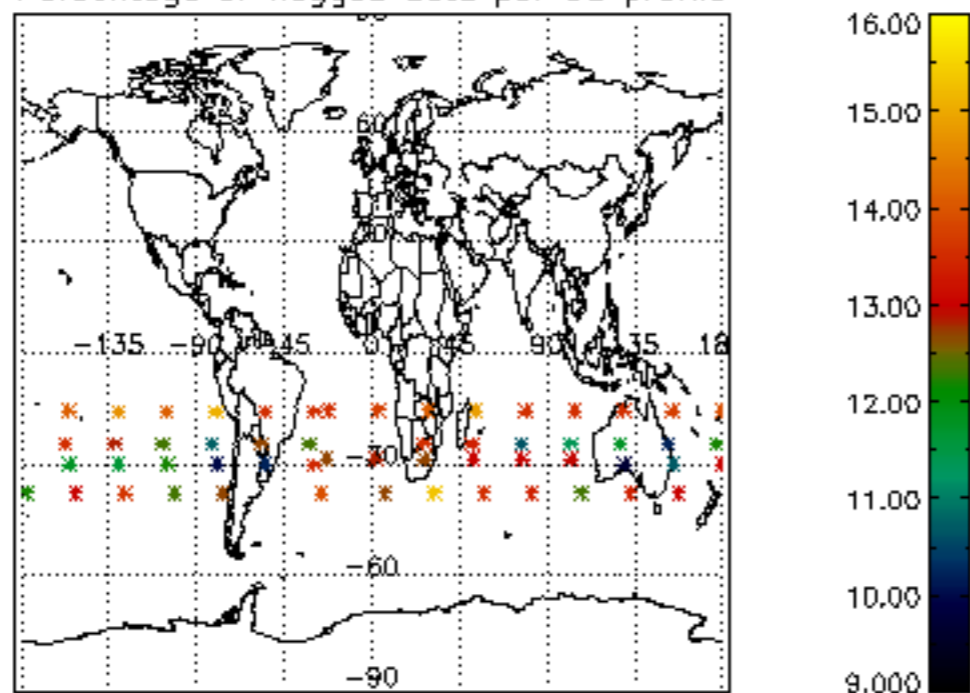




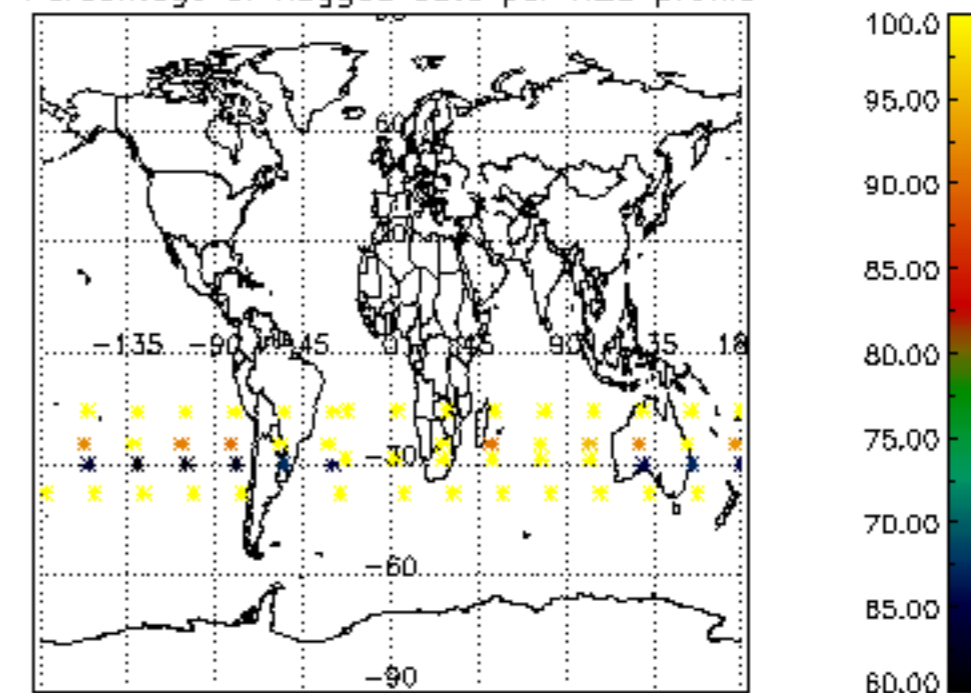




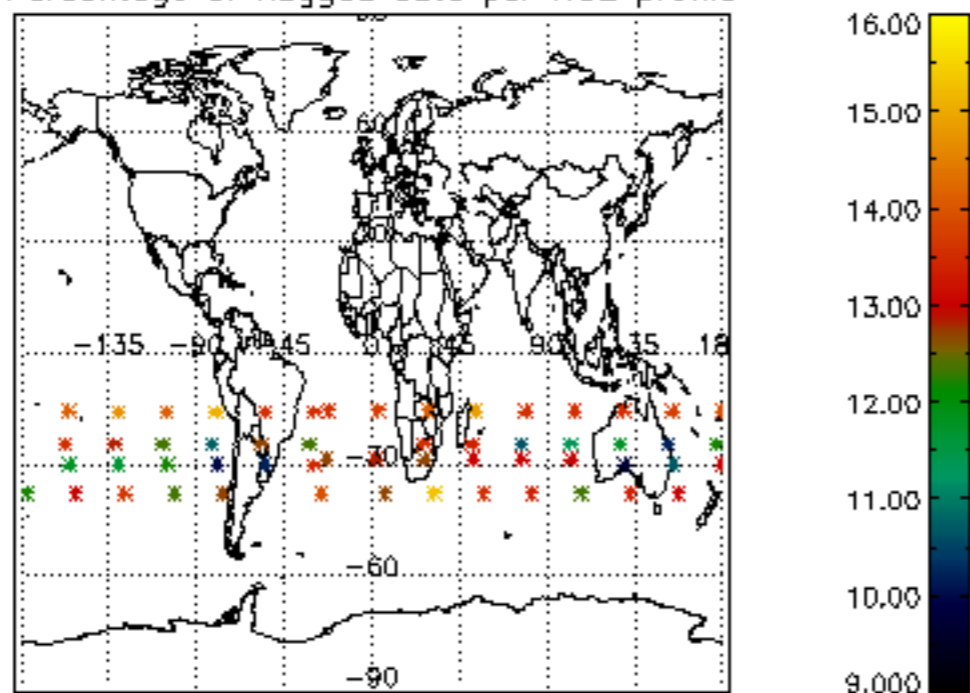
Percentage of flagged data per D3 profile



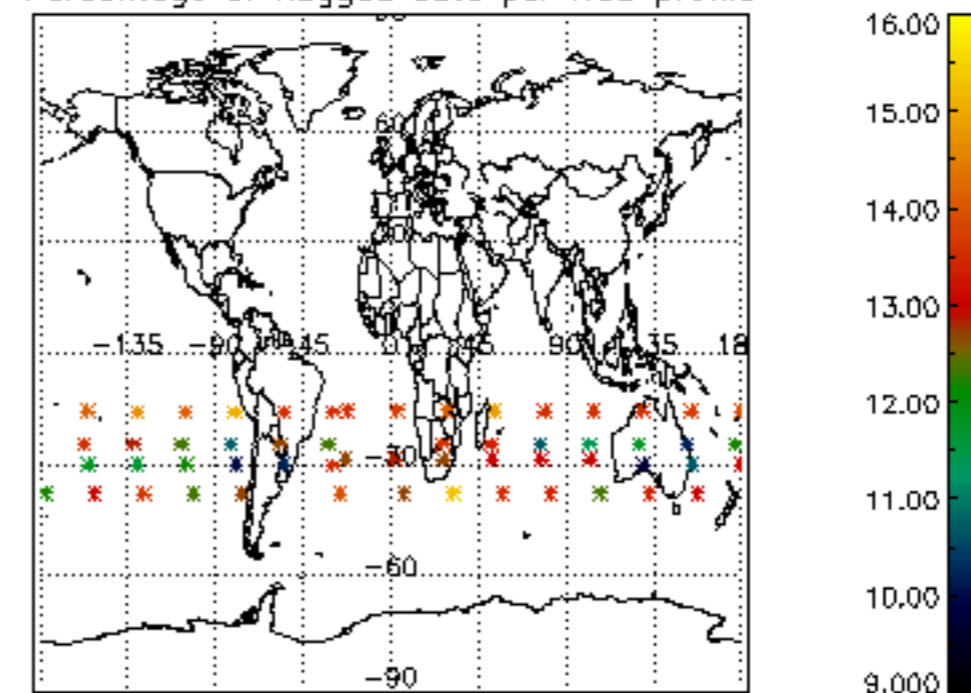
Percentage of flagged data per H2O profile

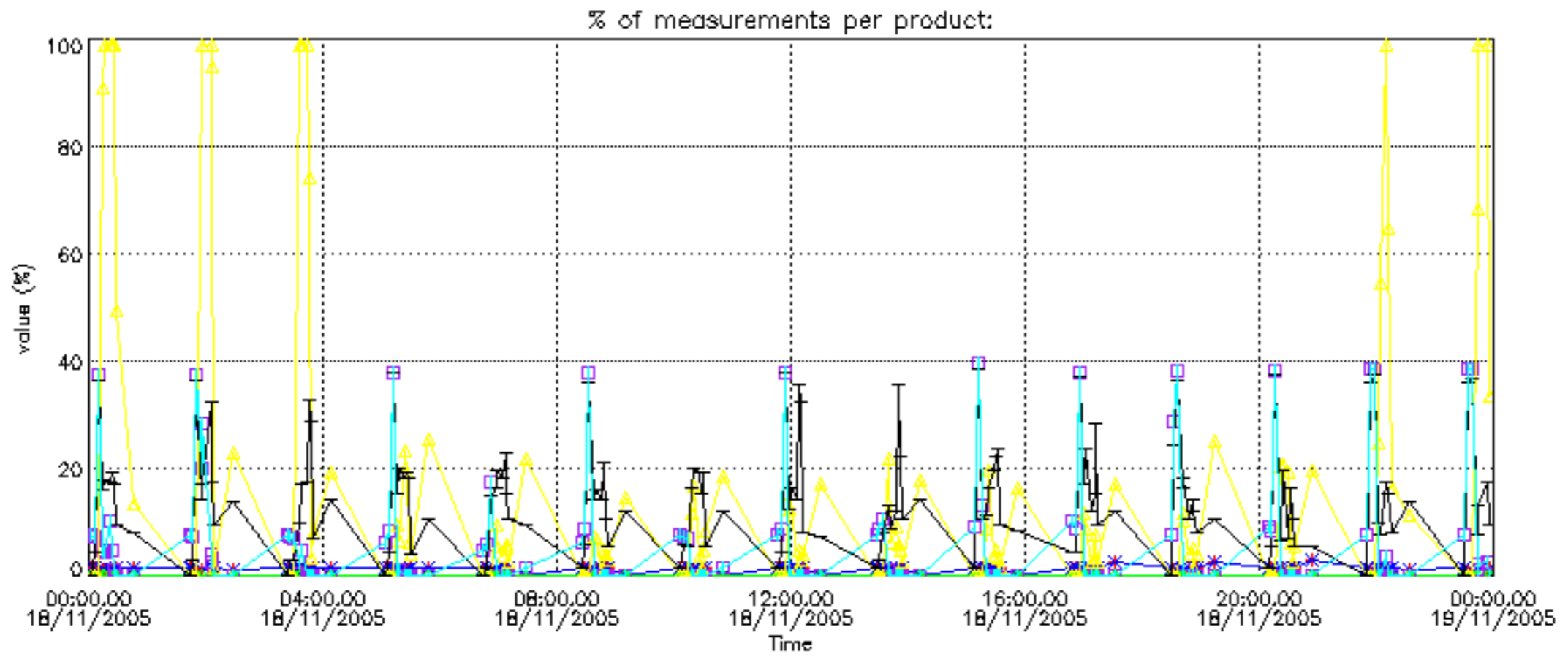


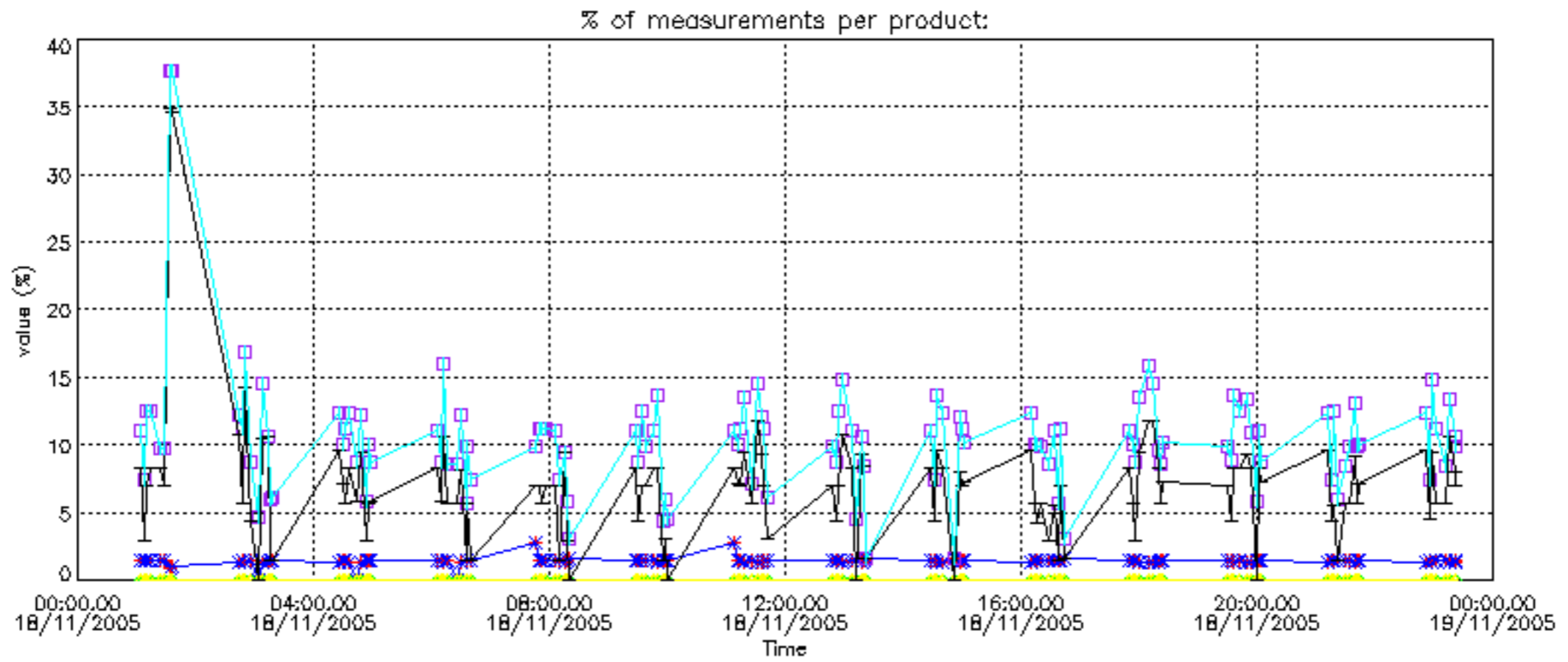
Percentage of flagged data per NO2 profile



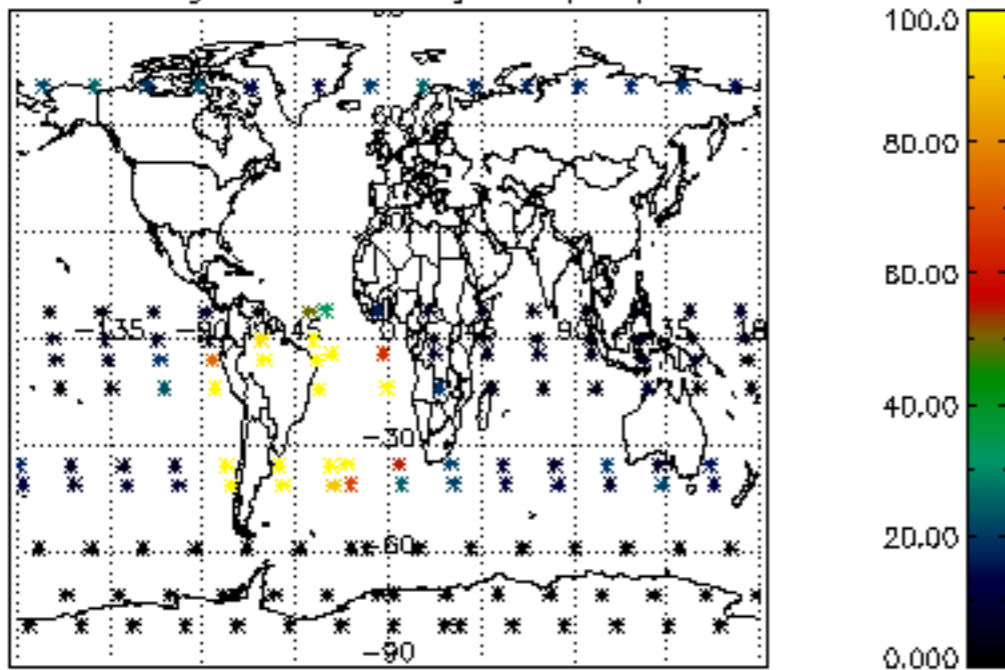
Percentage of flagged data per NO3 profile



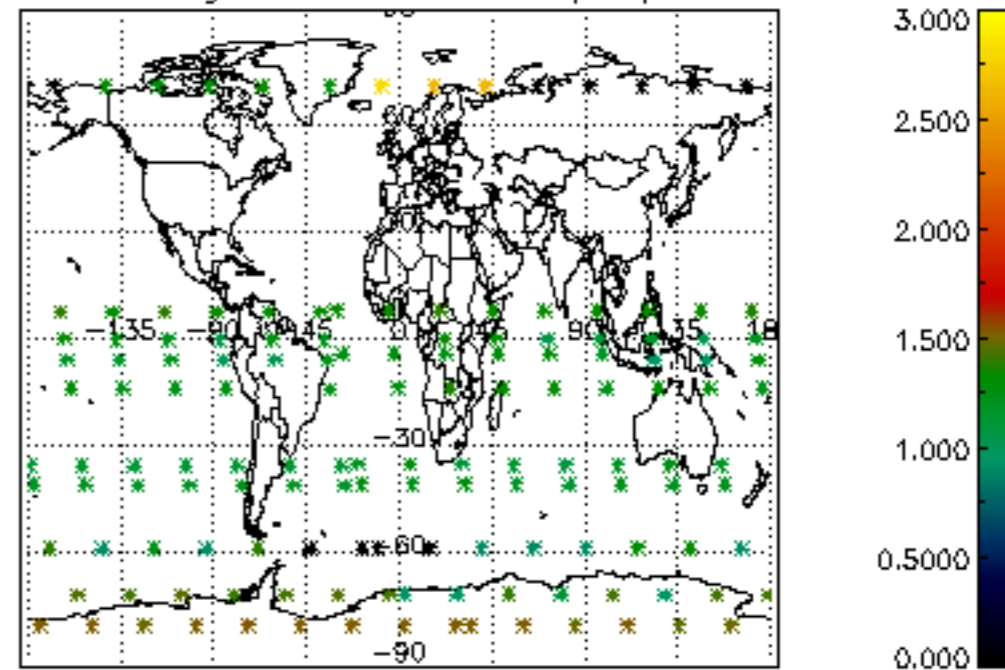




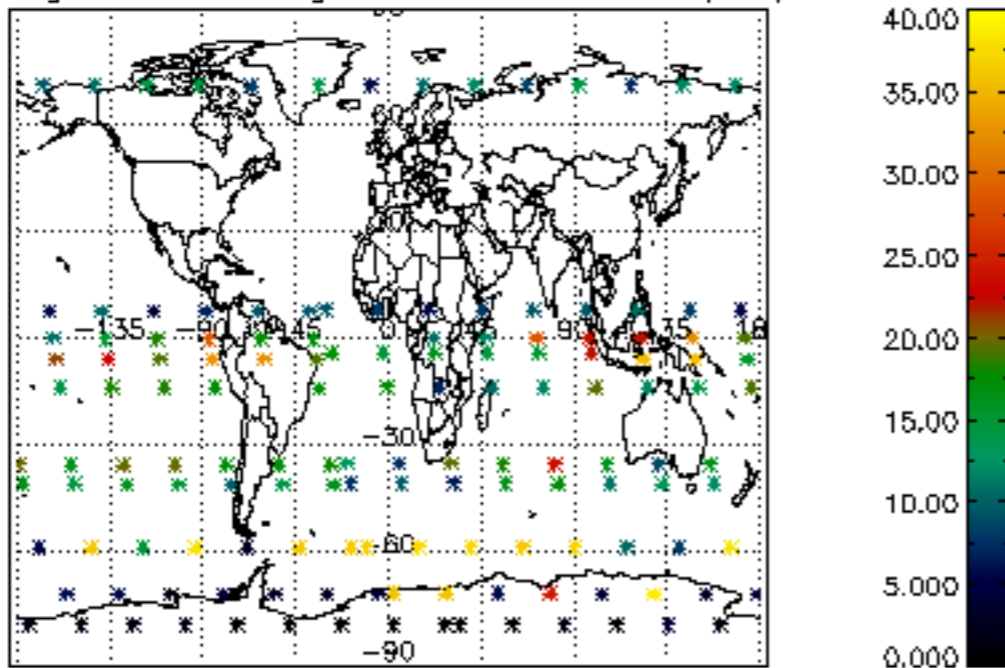
Percentage of cosmic ray hits per profile



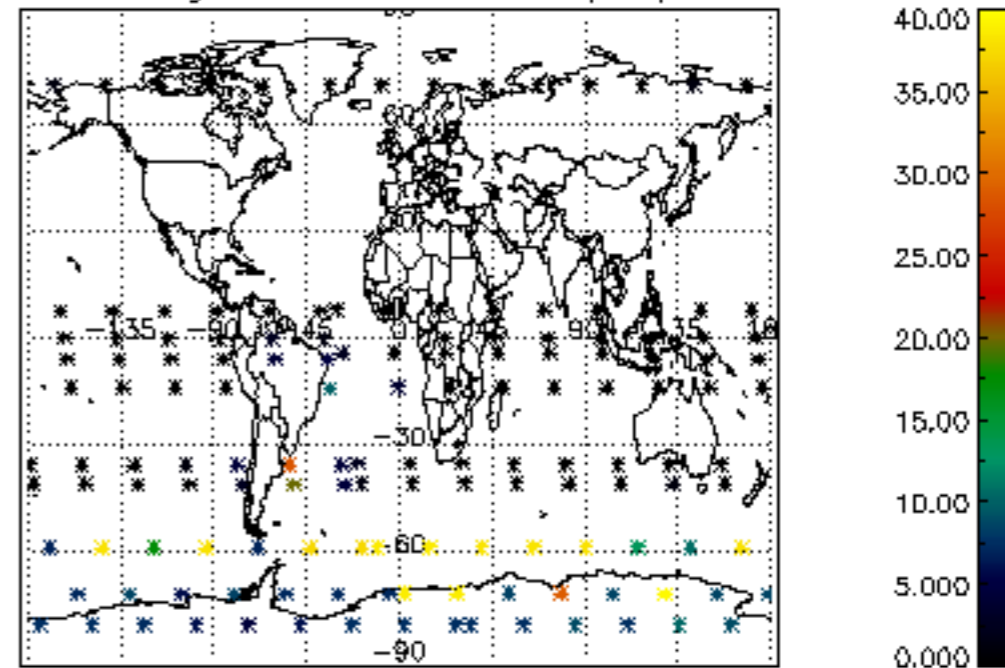
Percentage of datation errors per profile



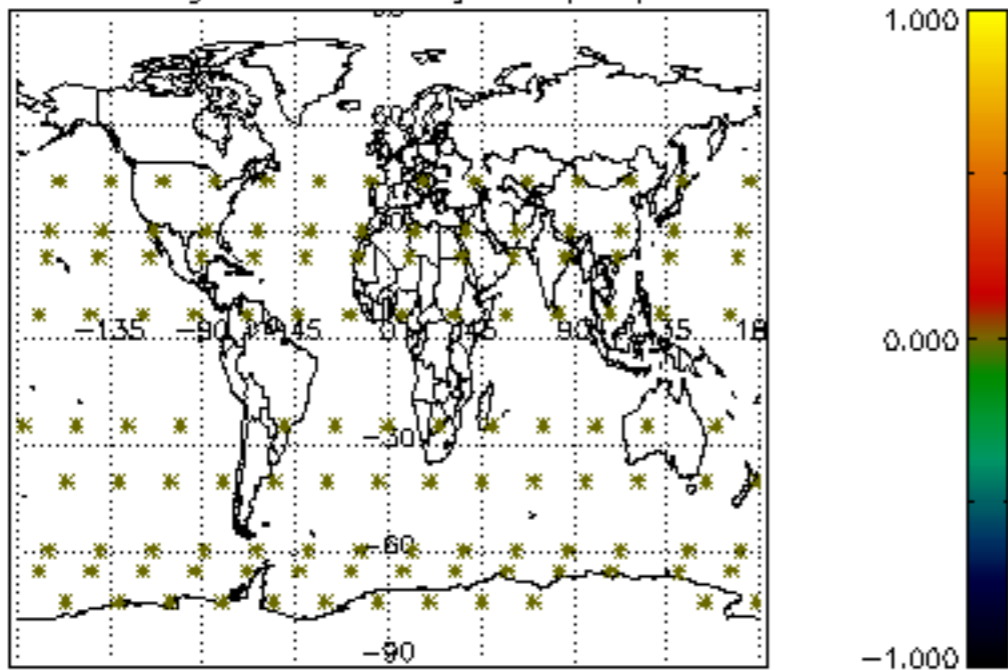
Percentage of star falling outside central band per profile



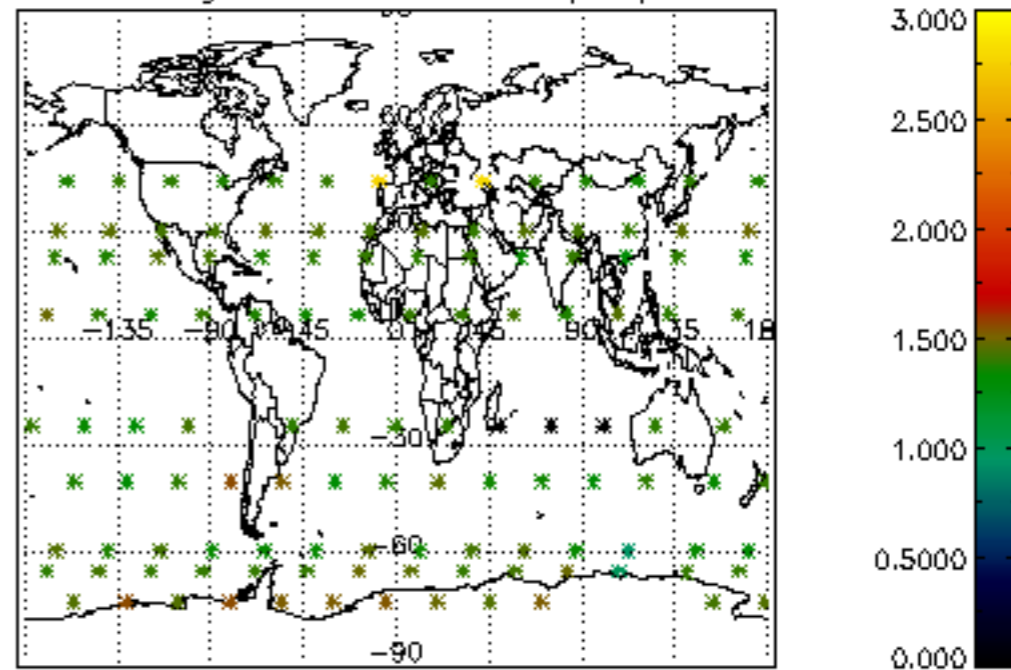
Percentage of saturation errors per profile



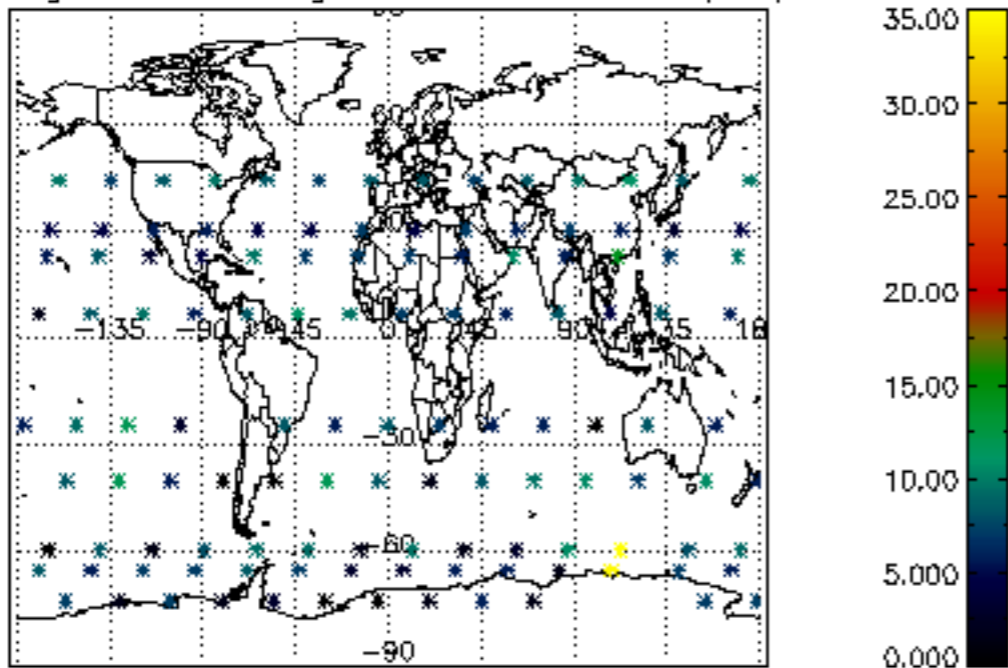
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

