

# 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	26APR2013 08:36:44
Data source version	GOMOS/6.01
Start time of products	04-04-2009 (04APR2009 00:00:00)
Stop time of products	05-04-2009 (05APR2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	235
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__2PRFIN20090404_000224_000000672077_00460_37087_4324.N1	04-APR-2009 00:02:24	Bright	67.000	15	67Alp Vir	0.97600	28000.	134	37087	No
2	GOM_NL__2PRFIN20090404_000535_000000432077_00460_37087_4325.N1	04-APR-2009 00:05:35	Bright	42.500	121	29Gam Vir	2.7400	7200.0	85	37087	No
3	GOM_NL__2PRFIN20090404_001000_000000482077_00460_37087_4326.N1	04-APR-2009 00:10:00	Bright	47.500	138	47Eps Vir	2.8280	4700.0	95	37087	No
4	GOM_NL__2PRFIN20090404_001830_000000432077_00460_37087_4327.N1	04-APR-2009 00:18:30	Bright	42.500	152	12Alp2CVn	2.8900	11000.	85	37087	No
5	GOM_NL__2PRFIN20090404_002317_000000402077_00460_37087_4328.N1	04-APR-2009 00:23:17	Bright	40.000	32	77Eps UMa	1.7630	11000.	80	37087	No
6	GOM_NL__2PRFIN20090404_003215_000000462077_00460_37087_4329.N1	04-APR-2009 00:32:15	Bright	46.000	119	14Eta Dra	2.7270	4700.0	92	37087	No
7	GOM_NL__2PRFIN20090404_004408_000000482077_00460_37087_4330.N1	04-APR-2009 00:44:08	Bright	48.000	144	18Del Cyg	2.8600	11000.	96	37087	No
8	GOM_NL__2PRFIN20090404_004609_000000472077_00460_37087_4331.N1	04-APR-2009 00:46:09	Bright	46.500	66	37Gam Cyg	2.2080	5900.0	93	37087	No
9	GOM_NL__2PRFIN20090404_004815_000000542077_00460_37087_4332.N1	04-APR-2009 00:48:15	Bright	54.000	92	53Eps Cyg	2.5000	4500.0	108	37087	No
10	GOM_NL__2PRFIN20090404_011117_000000602077_00460_37087_4333.N1	04-APR-2009 01:11:17	Dark	60.000	155	41Pi Sgr	2.9000	6600.0	120	37087	No
11	GOM_NL__2PRFIN20090404_011329_000000562077_00460_37087_4334.N1	04-APR-2009 01:13:29	Dark	56.000	57	34Sig Sgr	2.0660	26000.	112	37087	No
12	GOM_NL__2PRFIN20090404_011659_000000552077_00461_37088_4333.N1	04-APR-2009 01:16:59	Dark	54.500	38	20Eps Sgr	1.8360	11000.	109	37088	No
13	GOM_NL__2PRFIN20090404_012113_000000592077_00461_37088_4334.N1	04-APR-2009 01:21:13	Dark	58.500	25	35Lam Sco	1.6200	28000.	117	37088	No
14	GOM_NL__2PRFIN20090404_012837_000000532077_00461_37088_4335.N1	04-APR-2009 01:28:37	Straylight	52.500	131	Gam Lup	2.8000	26000.	105	37088	No
15	GOM_NL__2PRFIN20090404_013055_000000472077_00461_37088_4336.N1	04-APR-2009 01:30:55	Straylight	46.500	81	Eta Cen	2.3560	28000.	93	37088	No
16	GOM_NL__2PRFIN20090404_013334_000000542077_00461_37088_4337.N1	04-APR-2009 01:33:34	Straylight	53.500	54	5The Cen	2.0550	4500.0	107	37088	No
17	GOM_NL__2PRFIN20090404_013852_000000482077_00461_37088_4338.N1	04-APR-2009 01:38:52	Twilight_stray	47.500	169	46Gam Hya	2.9910	4700.0	95	37088	No
18	GOM_NL__2PRFIN20090404_014259_000000672077_00461_37088_4339.N1	04-APR-2009 01:42:59	Bright	67.000	15	67Alp Vir	0.97600	28000.	134	37088	No
19	GOM_NL__2PRFIN20090404_014611_000000432077_00461_37088_4340.N1	04-APR-2009 01:46:11	Bright	43.000	121	29Gam Vir	2.7400	7200.0	86	37088	No
20	GOM_NL__2PRFIN20090404_015035_000000472077_00461_37088_4341.N1	04-APR-2009 01:50:35	Bright	46.500	138	47Eps Vir	2.8280	4700.0	93	37088	No
21	GOM_NL__2PRFIN20090404_015906_000000442077_00461_37088_4342.N1	04-APR-2009 01:59:06	Bright	43.500	152	12Alp2CVn	2.8900	11000.	87	37088	No
22	GOM_NL__2PRFIN20090404_020353_000000382077_00461_37088_4343.N1	04-APR-2009 02:03:53	Bright	37.500	32	77Eps UMa	1.7630	11000.	75	37088	No
23	GOM_NL__2PRFIN20090404_021250_000000482077_00461_37088_4344.N1	04-APR-2009 02:12:50	Bright	47.500	119	14Eta Dra	2.7270	4700.0	95	37088	No
24	GOM_NL__2PRFIN20090404_022444_000000472077_00461_37088_4345.N1	04-APR-2009 02:24:44	Bright	47.000	144	18Del Cyg	2.8600	11000.	94	37088	No
25	GOM_NL__2PRFIN20090404_022644_000000452077_00461_37088_4346.N1	04-APR-2009 02:26:44	Bright	45.000	66	37Gam Cyg	2.2080	5900.0	90	37088	No
26	GOM_NL__2PRFIN20090404_022851_000000462077_00461_37088_4347.N1	04-APR-2009 02:28:51	Bright	45.500	92	53Eps Cyg	2.5000	4500.0	91	37088	No
27	GOM_NL__2PRFIN20090404_025154_000000602077_00461_37088_4348.N1	04-APR-2009 02:51:54	Dark	59.500	155	41Pi Sgr	2.9000	6600.0	119	37088	No
28	GOM_NL__2PRFIN20090404_025406_000000582077_00461_37088_4349.N1	04-APR-2009 02:54:06	Dark	58.000	57	34Sig Sgr	2.0660	26000.	116	37088	No
29	GOM_NL__2PRFIN20090404_025737_000000552077_00462_37089_4344.N1	04-APR-2009 02:57:37	Dark	55.000	38	20Eps Sgr	1.8360	11000.	110	37089	No
30	GOM_NL__2PRFIN20090404_030151_000000562077_00462_37089_4345.N1	04-APR-2009 03:01:51	Dark	56.000	25	35Lam Sco	1.6200	28000.	112	37089	No
31	GOM_NL__2PRFIN20090404_030914_000000502077_00462_37089_4346.N1	04-APR-2009 03:09:14	Straylight	50.000	131	Gam Lup	2.8000	26000.	100	37089	No
32	GOM_NL__2PRFIN20090404_031132_000000472077_00462_37089_4347.N1	04-APR-2009 03:11:32	Straylight	46.500	81	Eta Cen	2.3560	28000.	93	37089	No
33	GOM_NL__2PRFIN20090404_031411_000000502077_00462_37089_4348.N1	04-APR-2009 03:14:11	Straylight	50.000	54	5The Cen	2.0550	4500.0	100	37089	No
34	GOM_NL__2PRFIN20090404_031928_000000472077_00462_37089_4349.N1	04-APR-2009 03:19:28	Twilight_stray	47.000	169	46Gam Hya	2.9910	4700.0	94	37089	No
35	GOM_NL__2PRFIN20090404_032335_000000622077_00462_37089_4350.N1	04-APR-2009 03:23:35	Bright	61.500	15	67Alp Vir	0.97600	28000.	123	37089	No
36	GOM_NL__2PRFIN20090404_032647_000000432077_00462_37089_4351.N1	04-APR-2009 03:26:47	Bright	43.000	121	29Gam Vir	2.7400	7200.0	86	37089	No
37	GOM_NL__2PRFIN20090404_033111_000000662077_00462_37089_4352.N1	04-APR-2009 03:31:11	Bright	66.000	138	47Eps Vir	2.8280	4700.0	132	37089	No
38	GOM_NL__2PRFIN20090404_033941_000000412077_00462_37089_4353.N1	04-APR-2009 03:39:41	Bright	41.000	152	12Alp2CVn	2.8900	11000.	82	37089	No
39	GOM_NL__2PRFIN20090404_034428_000000402077_00462_37089_4354.N1	04-APR-2009 03:44:28	Bright	40.000	32	77Eps UMa	1.7630	11000.	80	37089	No
40	GOM_NL__2PRFIN20090404_035326_000000442077_00462_37089_4355.N1	04-APR-2009 03:53:26	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	37089	No
41	GOM_NL__2PRFIN20090404_040520_000000522077_00462_37089_4356.N1	04-APR-2009 04:05:20	Bright	52.000	144	18Del Cyg	2.8600	11000.	104	37089	No
42	GOM_NL__2PRFIN20090404_040720_000000652077_00462_37089_4357.N1	04-APR-2009 04:07:20	Bright	65.000	66	37Gam Cyg	2.2080	5900.0	130	37089	No

43	GOM_NL__2PRFIN20090404_040927_000000442077_00462_37089_4358.N1	04-APR-2009 04:09:27	Bright	43.500	92	53Eps Cyg	2.5000	4500.0	87	37089	No
44	GOM_NL__2PRFIN20090404_043232_000000592077_00462_37089_4359.N1	04-APR-2009 04:32:32	Dark	58.500	155	41Pi Sgr	2.9000	6600.0	117	37089	No
45	GOM_NL__2PRFIN20090404_043444_000000592077_00462_37089_4360.N1	04-APR-2009 04:34:44	Dark	59.000	57	34Sig Sgr	2.0660	26000.	118	37089	No
46	GOM_NL__2PRFIN20090404_043814_000000572077_00463_37090_4361.N1	04-APR-2009 04:38:14	Dark	57.000	38	20Eps Sgr	1.8360	11000.	114	37090	No
47	GOM_NL__2PRFIN20090404_044228_000000562077_00463_37090_4362.N1	04-APR-2009 04:42:28	Dark	56.000	25	35Lam Sco	1.6200	28000.	112	37090	No
48	GOM_NL__2PRFIN20090404_044951_000000502077_00463_37090_4363.N1	04-APR-2009 04:49:51	Straylight	50.000	131	Gam Lup	2.8000	26000.	100	37090	No
49	GOM_NL__2PRFIN20090404_045208_000000482077_00463_37090_4364.N1	04-APR-2009 04:52:08	Straylight	47.500	81	Eta Cen	2.3560	28000.	95	37090	No
50	GOM_NL__2PRFIN20090404_045447_000000532077_00463_37090_4365.N1	04-APR-2009 04:54:47	Straylight	52.500	54	5The Cen	2.0550	4500.0	105	37090	No
51	GOM_NL__2PRFIN20090404_050005_000000472077_00463_37090_4366.N1	04-APR-2009 05:00:05	Tw_i_and_stray	47.000	169	46Gam Hya	2.9910	4700.0	94	37090	No
52	GOM_NL__2PRFIN20090404_050412_000000592077_00463_37090_4367.N1	04-APR-2009 05:04:12	Bright	59.000	15	67Alp Vir	0.97600	28000.	118	37090	No
53	GOM_NL__2PRFIN20090404_050722_000000432077_00463_37090_4368.N1	04-APR-2009 05:07:22	Bright	42.500	121	29Gam Vir	2.7400	7200.0	85	37090	No
54	GOM_NL__2PRFIN20090404_051146_000000662077_00463_37090_4369.N1	04-APR-2009 05:11:46	Bright	66.000	138	47Eps Vir	2.8280	4700.0	132	37090	No
55	GOM_NL__2PRFIN20090404_052017_000000412077_00463_37090_4370.N1	04-APR-2009 05:20:17	Bright	40.500	152	12Alp2CVn	2.8900	11000.	81	37090	No
56	GOM_NL__2PRFIN20090404_052504_000000382077_00463_37090_4371.N1	04-APR-2009 05:25:04	Bright	37.500	32	77Eps UMa	1.7630	11000.	75	37090	No
57	GOM_NL__2PRFIN20090404_053401_000000452077_00463_37090_4372.N1	04-APR-2009 05:34:01	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	37090	No
58	GOM_NL__2PRFIN20090404_054556_000000472077_00463_37090_4373.N1	04-APR-2009 05:45:56	Bright	46.500	144	18Del Cyg	2.8600	11000.	93	37090	No
59	GOM_NL__2PRFIN20090404_054756_000000452077_00463_37090_4374.N1	04-APR-2009 05:47:56	Bright	45.000	66	37Gam Cyg	2.2080	5900.0	90	37090	No
60	GOM_NL__2PRFIN20090404_055003_000000442077_00463_37090_4375.N1	04-APR-2009 05:50:03	Bright	44.000	92	53Eps Cyg	2.5000	4500.0	88	37090	No
61	GOM_NL__2PRFIN20090404_061309_000000582077_00463_37090_4376.N1	04-APR-2009 06:13:09	Dark	57.500	155	41Pi Sgr	2.9000	6600.0	115	37090	No
62	GOM_NL__2PRFIN20090404_061521_000000602077_00463_37090_4377.N1	04-APR-2009 06:15:21	Dark	60.000	57	34Sig Sgr	2.0660	26000.	120	37090	No
63	GOM_NL__2PRFIN20090404_061852_000000542077_00464_37091_4377.N1	04-APR-2009 06:18:52	Dark	54.000	38	20Eps Sgr	1.8360	11000.	108	37091	No
64	GOM_NL__2PRFIN20090404_062305_000000582077_00464_37091_4378.N1	04-APR-2009 06:23:05	Dark	57.500	25	35Lam Sco	1.6200	28000.	115	37091	No
65	GOM_NL__2PRFIN20090404_063028_000000522077_00464_37091_4379.N1	04-APR-2009 06:30:28	Straylight	51.500	131	Gam Lup	2.8000	26000.	103	37091	No
66	GOM_NL__2PRFIN20090404_063245_000000482077_00464_37091_4380.N1	04-APR-2009 06:32:45	Straylight	47.500	81	Eta Cen	2.3560	28000.	95	37091	No
67	GOM_NL__2PRFIN20090404_063523_000000562077_00464_37091_4381.N1	04-APR-2009 06:35:23	Straylight	56.000	54	5The Cen	2.0550	4500.0	112	37091	No
68	GOM_NL__2PRFIN20090404_064041_000000462077_00464_37091_4382.N1	04-APR-2009 06:40:41	Tw_i_and_stray	45.500	169	46Gam Hya	2.9910	4700.0	91	37091	No
69	GOM_NL__2PRFIN20090404_064448_000000582077_00464_37091_4383.N1	04-APR-2009 06:44:48	Bright	57.500	15	67Alp Vir	0.97600	28000.	115	37091	No
70	GOM_NL__2PRFIN20090404_064759_000000432077_00464_37091_4384.N1	04-APR-2009 06:47:59	Bright	42.500	121	29Gam Vir	2.7400	7200.0	85	37091	No
71	GOM_NL__2PRFIN20090404_065222_000000662077_00464_37091_4385.N1	04-APR-2009 06:52:22	Bright	66.000	138	47Eps Vir	2.8280	4700.0	132	37091	No
72	GOM_NL__2PRFIN20090404_070052_000000432077_00464_37091_4386.N1	04-APR-2009 07:00:52	Bright	42.500	152	12Alp2CVn	2.8900	11000.	85	37091	No
73	GOM_NL__2PRFIN20090404_070539_000000402077_00464_37091_4387.N1	04-APR-2009 07:05:39	Bright	39.500	32	77Eps UMa	1.7630	11000.	79	37091	No
74	GOM_NL__2PRFIN20090404_071436_000000472077_00464_37091_4388.N1	04-APR-2009 07:14:36	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	37091	No
75	GOM_NL__2PRFIN20090404_072631_000000492077_00464_37091_4389.N1	04-APR-2009 07:26:31	Bright	48.500	144	18Del Cyg	2.8600	11000.	97	37091	No
76	GOM_NL__2PRFIN20090404_072832_000000542077_00464_37091_4390.N1	04-APR-2009 07:28:32	Bright	53.500	66	37Gam Cyg	2.2080	5900.0	107	37091	No
77	GOM_NL__2PRFIN20090404_073039_000000452077_00464_37091_4391.N1	04-APR-2009 07:30:39	Bright	45.000	92	53Eps Cyg	2.5000	4500.0	90	37091	No
78	GOM_NL__2PRFIN20090404_075347_000000592077_00464_37091_4392.N1	04-APR-2009 07:53:47	Dark	59.000	155	41Pi Sgr	2.9000	6600.0	118	37091	No
79	GOM_NL__2PRFIN20090404_075558_000000582077_00464_37091_4393.N1	04-APR-2009 07:55:58	Dark	58.000	57	34Sig Sgr	2.0660	26000.	116	37091	No
80	GOM_NL__2PRFIN20090404_075929_000000562077_00465_37092_4391.N1	04-APR-2009 07:59:29	Dark	55.500	38	20Eps Sgr	1.8360	11000.	111	37092	No
81	GOM_NL__2PRFIN20090404_080343_000000582077_00465_37092_4392.N1	04-APR-2009 08:03:43	Dark	58.000	25	35Lam Sco	1.6200	28000.	116	37092	No
82	GOM_NL__2PRFIN20090404_081105_000000512077_00465_37092_4393.N1	04-APR-2009 08:11:05	Straylight	50.500	131	Gam Lup	2.8000	26000.	101	37092	No
83	GOM_NL__2PRFIN20090404_081321_000000492077_00465_37092_4394.N1	04-APR-2009 08:13:21	Straylight	48.500	81	Eta Cen	2.3560	28000.	97	37092	No
84	GOM_NL__2PRFIN20090404_081600_000000532077_00465_37092_4395.N1	04-APR-2009 08:16:00	Straylight	53.000	54	5The Cen	2.0550	4500.0	106	37092	No
85	GOM_NL__2PRFIN20090404_082117_000000502077_00465_37092_4396.N1	04-APR-2009 08:21:17	Tw_i_and_stray	49.500	169	46Gam Hya	2.9910	4700.0	99	37092	No
86	GOM_NL__2PRFIN20090404_082523_000000672077_00465_37092_4397.N1	04-APR-2009 08:25:23	Bright	67.000	15	67Alp Vir	0.97600	28000.	134	37092	No
87	GOM_NL__2PRFIN20090404_082834_000000432077_00465_37092_4398.N1	04-APR-2009 08:28:34	Bright	42.500	121	29Gam Vir	2.7400	7200.0	85	37092	No
88	GOM_NL__2PRFIN20090404_083257_000000472077_00465_37092_4399.N1	04-APR-2009 08:32:57	Bright	47.000	138	47Eps Vir	2.8280	4700.0	94	37092	No
89	GOM_NL__2PRFIN20090404_084127_000000422077_00465_37092_4400.N1	04-APR-2009 08:41:27	Bright	41.500	152	12Alp2CVn	2.8900	11000.	83	37092	No
90	GOM_NL__2PRFIN20090404_084615_000000482077_00465_37092_4401.N1	04-APR-2009 08:46:15	Bright	47.500	32	77Eps UMa	1.7630	11000.	95	37092	No
91	GOM_NL__2PRFIN20090404_085511_000000472077_00465_37092_4402.N1	04-APR-2009 08:55:11	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	37092	No
92	GOM_NL__2PRFIN20090404_090707_000000482077_00465_37092_4403.N1	04-APR-2009 09:07:07	Bright	48.000	144	18Del Cyg	2.8600	11000.	96	37092	No
93	GOM_NL__2PRFIN20090404_090908_000000462077_00465_37092_4404.N1	04-APR-2009 09:09:08	Bright	45.500	66	37Gam Cyg	2.2080	5900.0	91	37092	No
94	GOM_NL__2PRFIN20090404_091116_000000442077_00465_37092_4405.N1	04-APR-2009 09:11:16	Bright	43.500	92	53Eps Cyg	2.5000	4500.0	87	37092	No
95	GOM_NL__2PRFIN20090404_093424_000000602077_00465_37092_4406.N1	04-APR-2009 09:34:24	Dark	59.500	155	41Pi Sgr	2.9000	6600.0	119	37092	No
96	GOM_NL__2PRFIN20090404_093635_000000582077_00465_37092_4407.N1	04-APR-2009 09:36:35	Dark	57.500	57	34Sig Sgr	2.0660	26000.	115	37092	No
97	GOM_NL__2PRFIN20090404_094006_000000552077_00466_37093_4430.N1	04-APR-2009 09:40:06	Dark	54.500	38	20Eps Sgr	1.8360	11000.	109	37093	No
98	GOM_NL__2PRFIN20090404_094420_000000582077_00466_37093_4431.N1	04-APR-2009 09:44:20	Dark	58.000	25	35Lam Sco	1.6200	28000.	116	37093	No
99	GOM_NL__2PRFIN20090404_095142_000000512077_00466_37093_4432.N1	04-APR-2009 09:51:42	Straylight	50.500	131	Gam Lup	2.8000	26000.	101	37093	No
100	GOM_NL__2PRFIN20090404_095358_000000472077_00466_37093_4433.N1	04-APR-2009 09:53:58	Straylight	47.000	81	Eta Cen	2.3560	28000.	94	37093	No
101	GOM_NL__2PRFIN20090404_095636_000000492077_00466_37093_4434.N1	04-APR-2009 09:56:36	Straylight	48.500	54	5The Cen	2.0550	4500.0	97	37093	No

102	GOM_NL__2PRFIN20090404_100153_000000492077_00466_37093_4435.N1	04-APR-2009 10:01:53	Twilight	48.500	169	46Gam Hya	2.9910	4700.0	97	37093	No
103	GOM_NL__2PRFIN20090404_100559_000000652077_00466_37093_4436.N1	04-APR-2009 10:05:59	Bright	64.500	15	67Alp Vir	0.97600	28000.	129	37093	No
104	GOM_NL__2PRFIN20090404_100910_000000432077_00466_37093_4437.N1	04-APR-2009 10:09:10	Bright	43.000	121	29Gam Vir	2.7400	7200.0	86	37093	No
105	GOM_NL__2PRFIN20090404_101333_000000462077_00466_37093_4438.N1	04-APR-2009 10:13:33	Bright	45.500	138	47Eps Vir	2.8280	4700.0	91	37093	No
106	GOM_NL__2PRFIN20090404_102203_000000422077_00466_37093_4439.N1	04-APR-2009 10:22:03	Bright	42.000	152	12Alp2CVn	2.8900	11000.	84	37093	No
107	GOM_NL__2PRFIN20090404_102650_000000412077_00466_37093_4440.N1	04-APR-2009 10:26:50	Bright	41.000	32	77Eps UMa	1.7630	11000.	82	37093	No
108	GOM_NL__2PRFIN20090404_103547_000000492077_00466_37093_4441.N1	04-APR-2009 10:35:47	Bright	48.500	119	14Eta Dra	2.7270	4700.0	97	37093	No
109	GOM_NL__2PRFIN20090404_104743_000000472077_00466_37093_4442.N1	04-APR-2009 10:47:43	Bright	46.500	144	18Del Cyg	2.8600	11000.	93	37093	No
110	GOM_NL__2PRFIN20090404_104944_000000472077_00466_37093_4443.N1	04-APR-2009 10:49:44	Bright	46.500	66	37Gam Cyg	2.2080	5900.0	93	37093	No
111	GOM_NL__2PRFIN20090404_105151_000000512077_00466_37093_4444.N1	04-APR-2009 10:51:51	Bright	50.500	92	53Eps Cyg	2.5000	4500.0	101	37093	No
112	GOM_NL__2PRFIN20090404_111502_000000612077_00466_37093_4445.N1	04-APR-2009 11:15:02	Dark	60.500	155	41Pi Sgr	2.9000	6600.0	121	37093	No
113	GOM_NL__2PRFIN20090404_111713_000000602077_00466_37093_4446.N1	04-APR-2009 11:17:13	Dark	59.500	57	34Sig Sgr	2.0660	26000.	119	37093	No
114	GOM_NL__2PRFIN20090404_112044_000000532077_00467_37094_4445.N1	04-APR-2009 11:20:44	Dark	52.500	38	20Eps Sgr	1.8360	11000.	105	37094	No
115	GOM_NL__2PRFIN20090404_112457_000000612077_00467_37094_4446.N1	04-APR-2009 11:24:57	Dark	61.000	25	35Lam Sco	1.6200	28000.	122	37094	No
116	GOM_NL__2PRFIN20090404_113218_000000512077_00467_37094_4447.N1	04-APR-2009 11:32:18	Straylight	51.000	131	Gam Lup	2.8000	26000.	102	37094	No
117	GOM_NL__2PRFIN20090404_113434_000000502077_00467_37094_4448.N1	04-APR-2009 11:34:34	Straylight	50.000	81	Eta Cen	2.3560	28000.	100	37094	No
118	GOM_NL__2PRFIN20090404_113713_000000552077_00467_37094_4449.N1	04-APR-2009 11:37:13	Straylight	55.000	54	5The Cen	2.0550	4500.0	110	37094	No
119	GOM_NL__2PRFIN20090404_114229_000000492077_00467_37094_4450.N1	04-APR-2009 11:42:29	Twilight	49.000	169	46Gam Hya	2.9910	4700.0	98	37094	No
120	GOM_NL__2PRFIN20090404_114635_000000662077_00467_37094_4451.N1	04-APR-2009 11:46:35	Bright	65.500	15	67Alp Vir	0.97600	28000.	131	37094	No
121	GOM_NL__2PRFIN20090404_114946_000000442077_00467_37094_4452.N1	04-APR-2009 11:49:46	Bright	43.500	121	29Gam Vir	2.7400	7200.0	87	37094	No
122	GOM_NL__2PRFIN20090404_115408_000000462077_00467_37094_4453.N1	04-APR-2009 11:54:08	Bright	46.000	138	47Eps Vir	2.8280	4700.0	92	37094	No
123	GOM_NL__2PRFIN20090404_120238_000000422077_00467_37094_4454.N1	04-APR-2009 12:02:38	Bright	42.000	152	12Alp2CVn	2.8900	11000.	84	37094	No
124	GOM_NL__2PRFIN20090404_120726_000000422077_00467_37094_4455.N1	04-APR-2009 12:07:26	Bright	41.500	32	77Eps UMa	1.7630	11000.	83	37094	No
125	GOM_NL__2PRFIN20090404_121622_000000462077_00467_37094_4456.N1	04-APR-2009 12:16:22	Bright	45.500	119	14Eta Dra	2.7270	4700.0	91	37094	No
126	GOM_NL__2PRFIN20090404_122818_000000482077_00467_37094_4457.N1	04-APR-2009 12:28:18	Bright	48.000	144	18Del Cyg	2.8600	11000.	96	37094	No
127	GOM_NL__2PRFIN20090404_123020_000000462077_00467_37094_4458.N1	04-APR-2009 12:30:20	Bright	46.000	66	37Gam Cyg	2.2080	5900.0	92	37094	No
128	GOM_NL__2PRFIN20090404_123227_000000452077_00467_37094_4459.N1	04-APR-2009 12:32:27	Bright	44.500	92	53Eps Cyg	2.5000	4500.0	89	37094	No
129	GOM_NL__2PRFIN20090404_125750_000000582077_00467_37094_4460.N1	04-APR-2009 12:57:50	Dark	57.500	57	34Sig Sgr	2.0660	26000.	115	37094	No
130	GOM_NL__2PRFIN20090404_130120_000000572077_00468_37095_4454.N1	04-APR-2009 13:01:20	Dark	57.000	38	20Eps Sgr	1.8360	11000.	114	37095	No
131	GOM_NL__2PRFIN20090404_130534_000000622077_00468_37095_4455.N1	04-APR-2009 13:05:34	Dark	61.500	25	35Lam Sco	1.6200	28000.	123	37095	No
132	GOM_NL__2PRFIN20090404_131254_000000512077_00468_37095_4456.N1	04-APR-2009 13:12:54	Straylight	51.000	131	Gam Lup	2.8000	26000.	102	37095	No
133	GOM_NL__2PRFIN20090404_131511_000000482077_00468_37095_4457.N1	04-APR-2009 13:15:11	Straylight	47.500	81	Eta Cen	2.3560	28000.	95	37095	No
134	GOM_NL__2PRFIN20090404_131749_000000512077_00468_37095_4458.N1	04-APR-2009 13:17:49	Straylight	51.000	54	5The Cen	2.0550	4500.0	102	37095	No
135	GOM_NL__2PRFIN20090404_132305_000000482077_00468_37095_4459.N1	04-APR-2009 13:23:05	Twilight	48.000	169	46Gam Hya	2.9910	4700.0	96	37095	No
136	GOM_NL__2PRFIN20090404_132711_000000602077_00468_37095_4460.N1	04-APR-2009 13:27:11	Bright	60.000	15	67Alp Vir	0.97600	28000.	120	37095	No
137	GOM_NL__2PRFIN20090404_133021_000000442077_00468_37095_4461.N1	04-APR-2009 13:30:21	Bright	44.000	121	29Gam Vir	2.7400	7200.0	88	37095	No
138	GOM_NL__2PRFIN20090404_133444_000000462077_00468_37095_4462.N1	04-APR-2009 13:34:44	Bright	45.500	138	47Eps Vir	2.8280	4700.0	91	37095	No
139	GOM_NL__2PRFIN20090404_134314_000000422077_00468_37095_4463.N1	04-APR-2009 13:43:14	Bright	42.000	152	12Alp2CVn	2.8900	11000.	84	37095	No
140	GOM_NL__2PRFIN20090404_134801_000000412077_00468_37095_4464.N1	04-APR-2009 13:48:01	Bright	40.500	32	77Eps UMa	1.7630	11000.	81	37095	No
141	GOM_NL__2PRFIN20090404_135657_000000472077_00468_37095_4465.N1	04-APR-2009 13:56:57	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	37095	No
142	GOM_NL__2PRFIN20090404_140854_000000482077_00468_37095_4466.N1	04-APR-2009 14:08:54	Bright	47.500	144	18Del Cyg	2.8600	11000.	95	37095	No
143	GOM_NL__2PRFIN20090404_141056_000000462077_00468_37095_4467.N1	04-APR-2009 14:10:56	Bright	46.000	66	37Gam Cyg	2.2080	5900.0	92	37095	No
144	GOM_NL__2PRFIN20090404_141303_000000622077_00468_37095_4468.N1	04-APR-2009 14:13:03	Bright	62.000	92	53Eps Cyg	2.5000	4500.0	124	37095	No
145	GOM_NL__2PRFIN20090404_143828_000000572077_00468_37095_4469.N1	04-APR-2009 14:38:28	Dark	57.000	57	34Sig Sgr	2.0660	26000.	114	37095	No
146	GOM_NL__2PRFIN20090404_144158_000000562077_00469_37096_4469.N1	04-APR-2009 14:41:58	Dark	56.000	38	20Eps Sgr	1.8360	11000.	112	37096	No
147	GOM_NL__2PRFIN20090404_144612_000000602077_00469_37096_4470.N1	04-APR-2009 14:46:12	Dark	59.500	25	35Lam Sco	1.6200	28000.	119	37096	No
148	GOM_NL__2PRFIN20090404_145331_000000522077_00469_37096_4471.N1	04-APR-2009 14:53:31	Straylight	51.500	131	Gam Lup	2.8000	26000.	103	37096	No
149	GOM_NL__2PRFIN20090404_145547_000000482077_00469_37096_4472.N1	04-APR-2009 14:55:47	Straylight	48.000	81	Eta Cen	2.3560	28000.	96	37096	No
150	GOM_NL__2PRFIN20090404_145825_000000522077_00469_37096_4473.N1	04-APR-2009 14:58:25	Straylight	51.500	54	5The Cen	2.0550	4500.0	103	37096	No
151	GOM_NL__2PRFIN20090404_150341_000000452077_00469_37096_4474.N1	04-APR-2009 15:03:41	Twilight	45.000	169	46Gam Hya	2.9910	4700.0	90	37096	No
152	GOM_NL__2PRFIN20090404_150747_000000662077_00469_37096_4475.N1	04-APR-2009 15:07:47	Bright	66.000	15	67Alp Vir	0.97600	28000.	132	37096	No
153	GOM_NL__2PRFIN20090404_151057_000000442077_00469_37096_4476.N1	04-APR-2009 15:10:57	Bright	43.500	121	29Gam Vir	2.7400	7200.0	87	37096	No
154	GOM_NL__2PRFIN20090404_151520_000000662077_00469_37096_4477.N1	04-APR-2009 15:15:20	Bright	66.000	138	47Eps Vir	2.8280	4700.0	132	37096	No
155	GOM_NL__2PRFIN20090404_152349_000000562077_00469_37096_4478.N1	04-APR-2009 15:23:49	Bright	56.000	152	12Alp2CVn	2.8900	11000.	112	37096	No
156	GOM_NL__2PRFIN20090404_152837_000000422077_00469_37096_4479.N1	04-APR-2009 15:28:37	Bright	41.500	32	77Eps UMa	1.7630	11000.	83	37096	No
157	GOM_NL__2PRFIN20090404_153732_000000472077_00469_37096_4480.N1	04-APR-2009 15:37:32	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	37096	No
158	GOM_NL__2PRFIN20090404_154930_000000492077_00469_37096_4481.N1	04-APR-2009 15:49:30	Bright	48.500	144	18Del Cyg	2.8600	11000.	97	37096	No
159	GOM_NL__2PRFIN20090404_155132_000000492077_00469_37096_4482.N1	04-APR-2009 15:51:32	Bright	48.500	66	37Gam Cyg	2.2080	5900.0	97	37096	No
160	GOM_NL__2PRFIN20090404_155339_000000552077_00469_37096_4483.N1	04-APR-2009 15:53:39	Bright	54.500	92	53Eps Cyg	2.5000	4500.0	109	37096	No



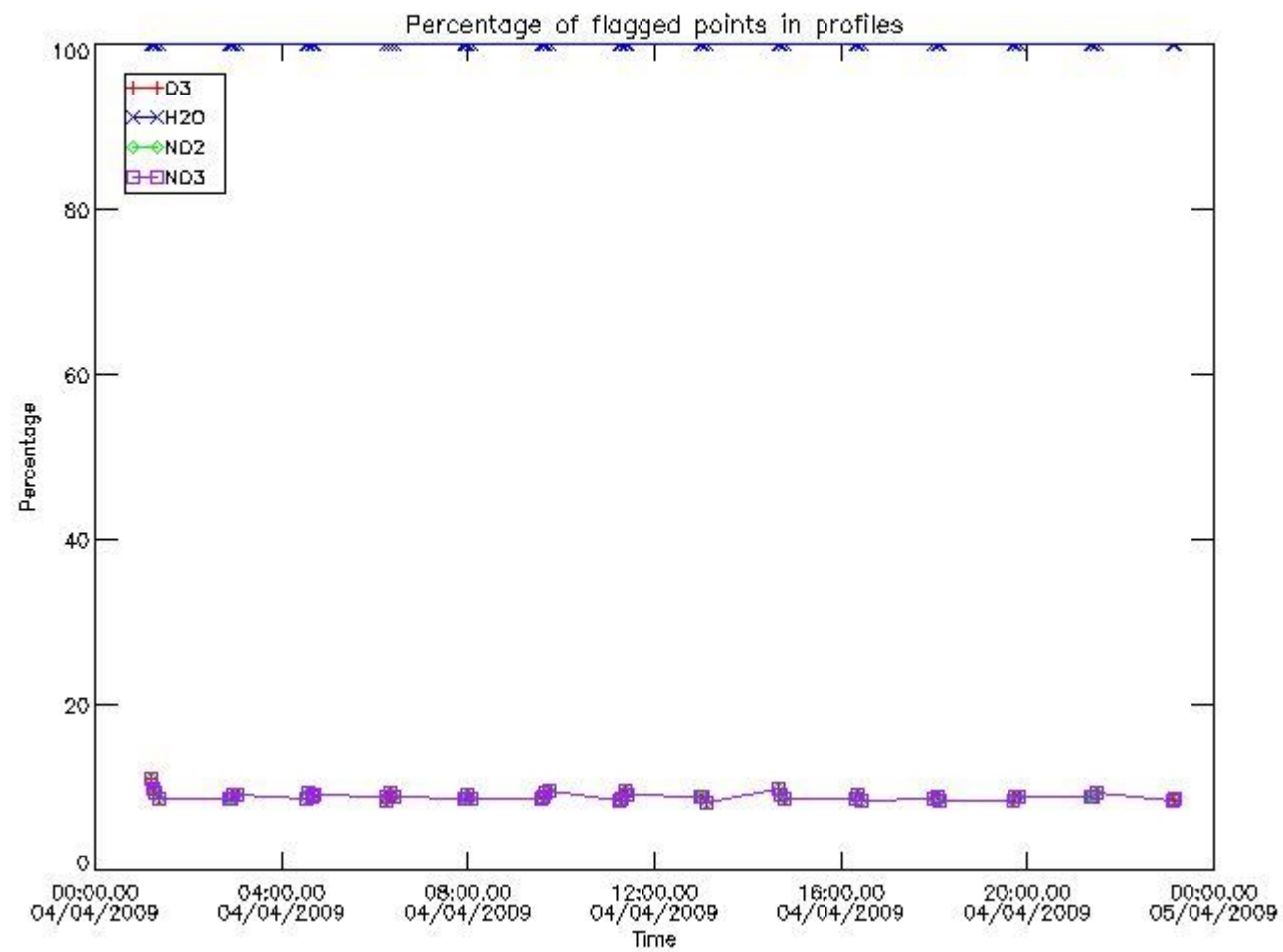
161	GOM_NL__2PRFIN20090404_161905_000000582077_00469_37096_4484.N1	04-APR-2009 16:19:05	Dark	58.000	57	34Sig Sgr	2.0660	26000.	116	37096	No
162	GOM_NL__2PRFIN20090404_162235_000000562077_00470_37097_4481.N1	04-APR-2009 16:22:35	Dark	56.000	38	20Eps Sgr	1.8360	11000.	112	37097	No
163	GOM_NL__2PRFIN20090404_162649_000000612077_00470_37097_4482.N1	04-APR-2009 16:26:49	Dark	60.500	25	35Lam Sco	1.6200	28000.	121	37097	No
164	GOM_NL__2PRFIN20090404_163408_000000492077_00470_37097_4483.N1	04-APR-2009 16:34:08	Straylight	49.000	131	Gam Lup	2.8000	26000.	98	37097	No
165	GOM_NL__2PRFIN20090404_163624_000000492077_00470_37097_4484.N1	04-APR-2009 16:36:24	Straylight	48.500	81	Eta Cen	2.3560	28000.	97	37097	No
166	GOM_NL__2PRFIN20090404_163902_000000502077_00470_37097_4485.N1	04-APR-2009 16:39:02	Straylight	49.500	54	5The Cen	2.0550	4500.0	99	37097	No
167	GOM_NL__2PRFIN20090404_164417_000000462077_00470_37097_4486.N1	04-APR-2009 16:44:17	Tw_i_and_stray	45.500	169	46Gam Hya	2.9910	4700.0	91	37097	No
168	GOM_NL__2PRFIN20090404_164823_000000642077_00470_37097_4487.N1	04-APR-2009 16:48:23	Bright	63.500	15	67Alp Vir	0.97600	28000.	127	37097	No
169	GOM_NL__2PRFIN20090404_165133_000000432077_00470_37097_4488.N1	04-APR-2009 16:51:33	Bright	43.000	121	29Gam Vir	2.7400	7200.0	86	37097	No
170	GOM_NL__2PRFIN20090404_165555_000000462077_00470_37097_4489.N1	04-APR-2009 16:55:55	Bright	45.500	138	47Eps Vir	2.8280	4700.0	91	37097	No
171	GOM_NL__2PRFIN20090404_170425_000000432077_00470_37097_4490.N1	04-APR-2009 17:04:25	Bright	43.000	152	12Alp2CVn	2.8900	11000.	86	37097	No
172	GOM_NL__2PRFIN20090404_170917_000000372077_00470_37097_4491.N1	04-APR-2009 17:09:17	Bright	37.000	32	77Eps UMa	1.7630	11000.	74	37097	No
173	GOM_NL__2PRFIN20090404_171807_000000712077_00470_37097_4492.N1	04-APR-2009 17:18:07	Bright	71.000	119	14Eta Dra	2.7270	4700.0	142	37097	No
174	GOM_NL__2PRFIN20090404_173006_000000472077_00470_37097_4493.N1	04-APR-2009 17:30:06	Bright	46.500	144	18Del Cyg	2.8600	11000.	93	37097	No
175	GOM_NL__2PRFIN20090404_173208_000000652077_00470_37097_4494.N1	04-APR-2009 17:32:08	Bright	65.000	66	37Gam Cyg	2.2080	5900.0	130	37097	No
176	GOM_NL__2PRFIN20090404_173416_000000612077_00470_37097_4495.N1	04-APR-2009 17:34:16	Bright	61.000	92	53Eps Cyg	2.5000	4500.0	122	37097	No
177	GOM_NL__2PRFIN20090404_175943_000000592077_00470_37097_4496.N1	04-APR-2009 17:59:43	Dark	58.500	57	34Sig Sgr	2.0660	26000.	117	37097	No
178	GOM_NL__2PRFIN20090404_180312_000000582077_00471_37098_4498.N1	04-APR-2009 18:03:12	Dark	57.500	38	20Eps Sgr	1.8360	11000.	115	37098	No
179	GOM_NL__2PRFIN20090404_180726_000000612077_00471_37098_4499.N1	04-APR-2009 18:07:26	Dark	60.500	25	35Lam Sco	1.6200	28000.	121	37098	No
180	GOM_NL__2PRFIN20090404_181445_000000502077_00471_37098_4500.N1	04-APR-2009 18:14:45	Straylight	49.500	131	Gam Lup	2.8000	26000.	99	37098	No
181	GOM_NL__2PRFIN20090404_181700_000000442077_00471_37098_4501.N1	04-APR-2009 18:17:00	Straylight	44.000	81	Eta Cen	2.3560	28000.	88	37098	No
182	GOM_NL__2PRFIN20090404_181939_000000512077_00471_37098_4502.N1	04-APR-2009 18:19:39	Straylight	50.500	54	5The Cen	2.0550	4500.0	101	37098	No
183	GOM_NL__2PRFIN20090404_182454_000000482077_00471_37098_4503.N1	04-APR-2009 18:24:54	Tw_i_and_stray	48.000	169	46Gam Hya	2.9910	4700.0	96	37098	No
184	GOM_NL__2PRFIN20090404_182859_000000622077_00471_37098_4504.N1	04-APR-2009 18:28:59	Bright	62.000	15	67Alp Vir	0.97600	28000.	124	37098	No
185	GOM_NL__2PRFIN20090404_183209_000000412077_00471_37098_4505.N1	04-APR-2009 18:32:09	Bright	41.000	121	29Gam Vir	2.7400	7200.0	82	37098	No
186	GOM_NL__2PRFIN20090404_183631_000000462077_00471_37098_4506.N1	04-APR-2009 18:36:31	Bright	45.500	138	47Eps Vir	2.8280	4700.0	91	37098	No
187	GOM_NL__2PRFIN20090404_184500_000000422077_00471_37098_4507.N1	04-APR-2009 18:45:00	Bright	42.000	152	12Alp2CVn	2.8900	11000.	84	37098	No
188	GOM_NL__2PRFIN20090404_185021_000000432077_00471_37098_4508.N1	04-APR-2009 18:50:21	Bright	42.500	55	79Zet UMa	2.0600	10200.	85	37098	No
189	GOM_NL__2PRFIN20090404_185842_000000462077_00471_37098_4509.N1	04-APR-2009 18:58:42	Bright	46.000	119	14Eta Dra	2.7270	4700.0	92	37098	No
190	GOM_NL__2PRFIN20090404_191042_000000712077_00471_37098_4510.N1	04-APR-2009 19:10:42	Bright	71.000	144	18Del Cyg	2.8600	11000.	142	37098	No
191	GOM_NL__2PRFIN20090404_191243_000000462077_00471_37098_4511.N1	04-APR-2009 19:12:43	Bright	45.500	66	37Gam Cyg	2.2080	5900.0	91	37098	No
192	GOM_NL__2PRFIN20090404_191452_000000592077_00471_37098_4512.N1	04-APR-2009 19:14:52	Bright	58.500	92	53Eps Cyg	2.5000	4500.0	117	37098	No
193	GOM_NL__2PRFIN20090404_194020_000000612077_00471_37098_4513.N1	04-APR-2009 19:40:20	Dark	60.500	57	34Sig Sgr	2.0660	26000.	121	37098	No
194	GOM_NL__2PRFIN20090404_194350_000000572077_00472_37099_4513.N1	04-APR-2009 19:43:50	Dark	57.000	38	20Eps Sgr	1.8360	11000.	114	37099	No
195	GOM_NL__2PRFIN20090404_194804_000000572077_00472_37099_4514.N1	04-APR-2009 19:48:04	Dark	56.500	25	35Lam Sco	1.6200	28000.	113	37099	No
196	GOM_NL__2PRFIN20090404_195522_000000492077_00472_37099_4515.N1	04-APR-2009 19:55:22	Straylight	48.500	131	Gam Lup	2.8000	26000.	97	37099	No
197	GOM_NL__2PRFIN20090404_195737_000000482077_00472_37099_4516.N1	04-APR-2009 19:57:37	Straylight	47.500	81	Eta Cen	2.3560	28000.	95	37099	No
198	GOM_NL__2PRFIN20090404_200015_000000532077_00472_37099_4517.N1	04-APR-2009 20:00:15	Straylight	53.000	54	5The Cen	2.0550	4500.0	106	37099	No
199	GOM_NL__2PRFIN20090404_200530_000000512077_00472_37099_4518.N1	04-APR-2009 20:05:30	Tw_i_and_stray	50.500	169	46Gam Hya	2.9910	4700.0	101	37099	No
200	GOM_NL__2PRFIN20090404_200935_000000622077_00472_37099_4519.N1	04-APR-2009 20:09:35	Bright	61.500	15	67Alp Vir	0.97600	28000.	123	37099	No
201	GOM_NL__2PRFIN20090404_201246_000000422077_00472_37099_4520.N1	04-APR-2009 20:12:46	Bright	41.500	121	29Gam Vir	2.7400	7200.0	83	37099	No
202	GOM_NL__2PRFIN20090404_201707_000000462077_00472_37099_4521.N1	04-APR-2009 20:17:07	Bright	45.500	138	47Eps Vir	2.8280	4700.0	91	37099	No
203	GOM_NL__2PRFIN20090404_202535_000000412077_00472_37099_4522.N1	04-APR-2009 20:25:35	Bright	40.500	152	12Alp2CVn	2.8900	11000.	81	37099	No
204	GOM_NL__2PRFIN20090404_203056_000000452077_00472_37099_4523.N1	04-APR-2009 20:30:56	Bright	44.500	55	79Zet UMa	2.0600	10200.	89	37099	No
205	GOM_NL__2PRFIN20090404_203917_000000442077_00472_37099_4524.N1	04-APR-2009 20:39:17	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	37099	No
206	GOM_NL__2PRFIN20090404_205117_000000482077_00472_37099_4525.N1	04-APR-2009 20:51:17	Bright	47.500	144	18Del Cyg	2.8600	11000.	95	37099	No
207	GOM_NL__2PRFIN20090404_205319_000000472077_00472_37099_4526.N1	04-APR-2009 20:53:19	Bright	46.500	66	37Gam Cyg	2.2080	5900.0	93	37099	No
208	GOM_NL__2PRFIN20090404_205528_000000452077_00472_37099_4527.N1	04-APR-2009 20:55:28	Bright	44.500	92	53Eps Cyg	2.5000	4500.0	89	37099	No
209	GOM_NL__2PRFIN20090404_212058_000000582077_00472_37099_4528.N1	04-APR-2009 21:20:58	Dark	57.500	57	34Sig Sgr	2.0660	26000.	115	37099	No
210	GOM_NL__2PRFIN20090404_212427_000000572077_00473_37100_4527.N1	04-APR-2009 21:24:27	Dark	57.000	38	20Eps Sgr	1.8360	11000.	114	37100	No
211	GOM_NL__2PRFIN20090404_212841_000000592077_00473_37100_4528.N1	04-APR-2009 21:28:41	Dark	59.000	25	35Lam Sco	1.6200	28000.	118	37100	No
212	GOM_NL__2PRFIN20090404_213559_000000512077_00473_37100_4529.N1	04-APR-2009 21:35:59	Straylight	50.500	131	Gam Lup	2.8000	26000.	101	37100	No
213	GOM_NL__2PRFIN20090404_213813_000000502077_00473_37100_4530.N1	04-APR-2009 21:38:13	Straylight	50.000	81	Eta Cen	2.3560	28000.	100	37100	No
214	GOM_NL__2PRFIN20090404_214051_000000512077_00473_37100_4531.N1	04-APR-2009 21:40:51	Straylight	50.500	54	5The Cen	2.0550	4500.0	101	37100	No
215	GOM_NL__2PRFIN20090404_214606_000000482077_00473_37100_4532.N1	04-APR-2009 21:46:06	Tw_i_and_stray	48.000	169	46Gam Hya	2.9910	4700.0	96	37100	No
216	GOM_NL__2PRFIN20090404_215011_000000602077_00473_37100_4533.N1	04-APR-2009 21:50:11	Bright	59.500	15	67Alp Vir	0.97600	28000.	119	37100	No
217	GOM_NL__2PRFIN20090404_215321_000000432077_00473_37100_4534.N1	04-APR-2009 21:53:21	Bright	42.500	121	29Gam Vir	2.7400	7200.0	85	37100	No
218	GOM_NL__2PRFIN20090404_215742_000000452077_00473_37100_4535.N1	04-APR-2009 21:57:42	Bright	45.000	138	47Eps Vir	2.8280	4700.0	90	37100	No
219	GOM_NL__2PRFIN20090404_220610_000000432077_00473_37100_4536.N1	04-APR-2009 22:06:10	Bright	42.500	152	12Alp2CVn	2.8900	11000.	85	37100	No

220	GOM_NL__2PRFIN20090404_221132_000000402077_00473_37100_4537.N1	04-APR-2009 22:11:32	Bright	39.500	55	79Zet UMa	2.0600	10200.	79	37100	No
221	GOM_NL__2PRFIN20090404_221953_000000712077_00473_37100_4538.N1	04-APR-2009 22:19:53	Bright	71.000	119	14Eta Dra	2.7270	4700.0	142	37100	No
222	GOM_NL__2PRFIN20090404_223153_000000472077_00473_37100_4539.N1	04-APR-2009 22:31:53	Bright	47.000	144	18Del Cyg	2.8600	11000.	94	37100	No
223	GOM_NL__2PRFIN20090404_223355_000000462077_00473_37100_4540.N1	04-APR-2009 22:33:55	Bright	46.000	66	37Gam Cyg	2.2080	5900.0	92	37100	No
224	GOM_NL__2PRFIN20090404_223603_000000622077_00473_37100_4541.N1	04-APR-2009 22:36:03	Bright	61.500	92	53Eps Cyg	2.5000	4500.0	123	37100	No
225	GOM_NL__2PRFIN20090404_230504_000000612077_00474_37101_4541.N1	04-APR-2009 23:05:04	Dark	61.000	38	20Eps Sgr	1.8360	11000.	122	37101	No
226	GOM_NL__2PRFIN20090404_230918_000000602077_00474_37101_4542.N1	04-APR-2009 23:09:18	Dark	59.500	25	35Lam Sco	1.6200	28000.	119	37101	No
227	GOM_NL__2PRFIN20090404_231635_000000522077_00474_37101_4543.N1	04-APR-2009 23:16:35	Straylight	52.000	131	Gam Lup	2.8000	26000.	104	37101	No
228	GOM_NL__2PRFIN20090404_231850_000000482077_00474_37101_4544.N1	04-APR-2009 23:18:50	Straylight	48.000	81	Eta Cen	2.3560	28000.	96	37101	No
229	GOM_NL__2PRFIN20090404_232127_000000502077_00474_37101_4545.N1	04-APR-2009 23:21:27	Straylight	49.500	54	5The Cen	2.0550	4500.0	99	37101	No
230	GOM_NL__2PRFIN20090404_232642_000000502077_00474_37101_4546.N1	04-APR-2009 23:26:42	Twilight_stray	49.500	169	46Gam Hya	2.9910	4700.0	99	37101	No
231	GOM_NL__2PRFIN20090404_233046_000000662077_00474_37101_4547.N1	04-APR-2009 23:30:46	Bright	66.000	15	67Alp Vir	0.97600	28000.	132	37101	No
232	GOM_NL__2PRFIN20090404_233357_000000422077_00474_37101_4548.N1	04-APR-2009 23:33:57	Bright	42.000	121	29Gam Vir	2.7400	7200.0	84	37101	No
233	GOM_NL__2PRFIN20090404_233817_000000652077_00474_37101_4549.N1	04-APR-2009 23:38:17	Bright	65.000	138	47Eps Vir	2.8280	4700.0	130	37101	No
234	GOM_NL__2PRFIN20090404_234646_000000452077_00474_37101_4550.N1	04-APR-2009 23:46:46	Bright	44.500	152	12Alp2CVn	2.8900	11000.	89	37101	No
235	GOM_NL__2PRFIN20090404_235207_000000412077_00474_37101_4551.N1	04-APR-2009 23:52:07	Bright	40.500	55	79Zet UMa	2.0600	10200.	81	37101	No

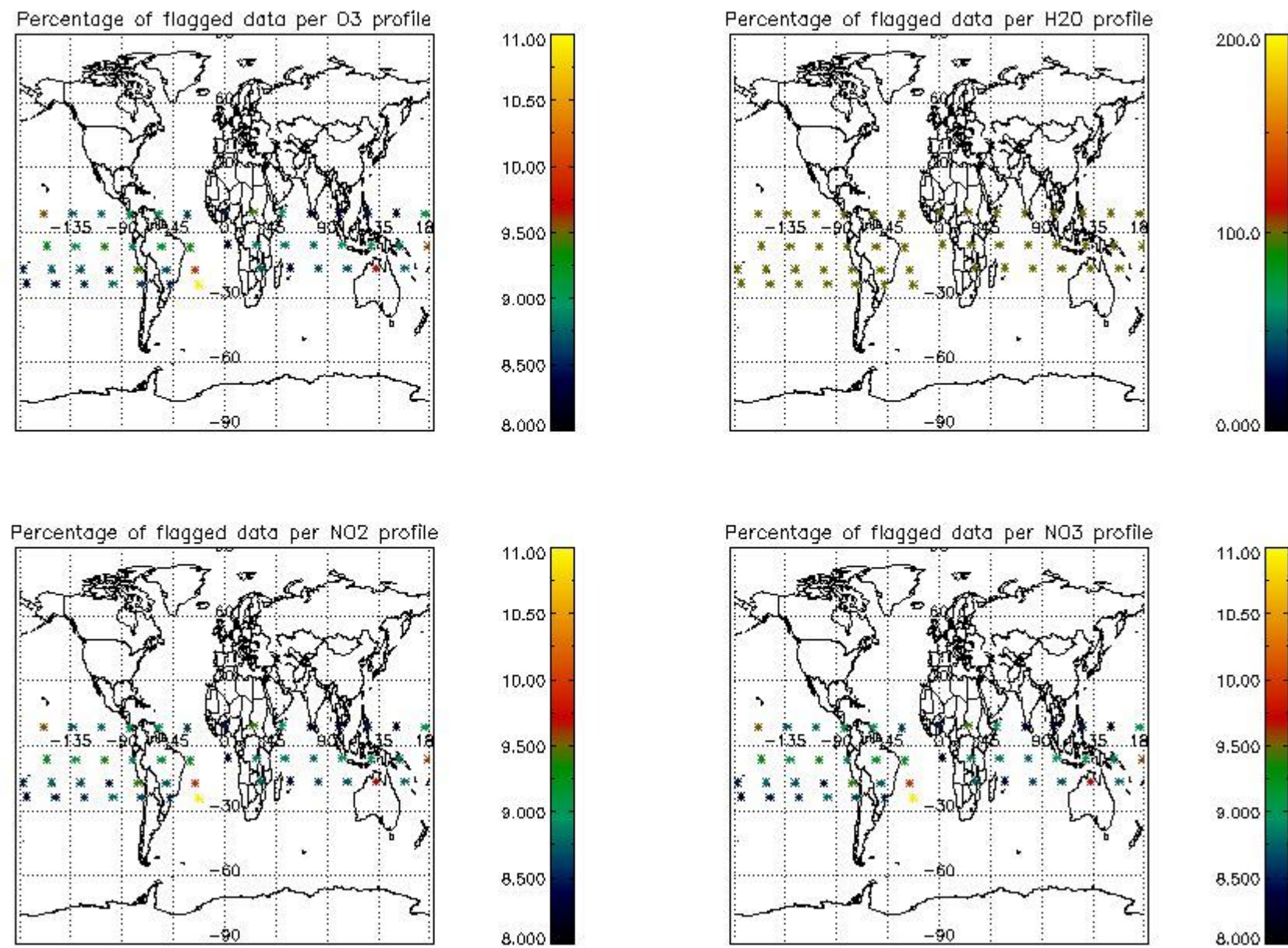
### 3. Quality information per product

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)



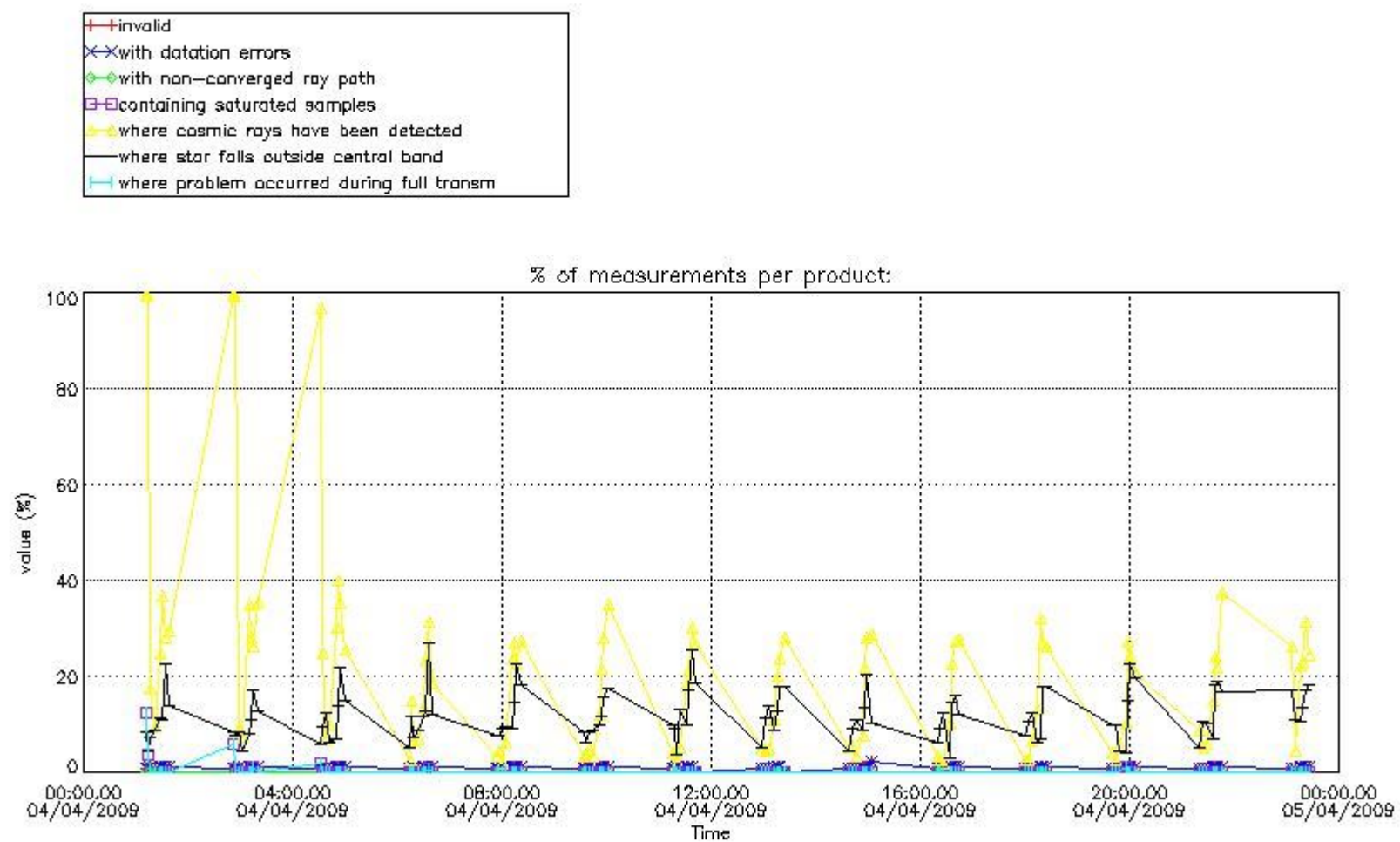
### 4. Level 1 quality information per product

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

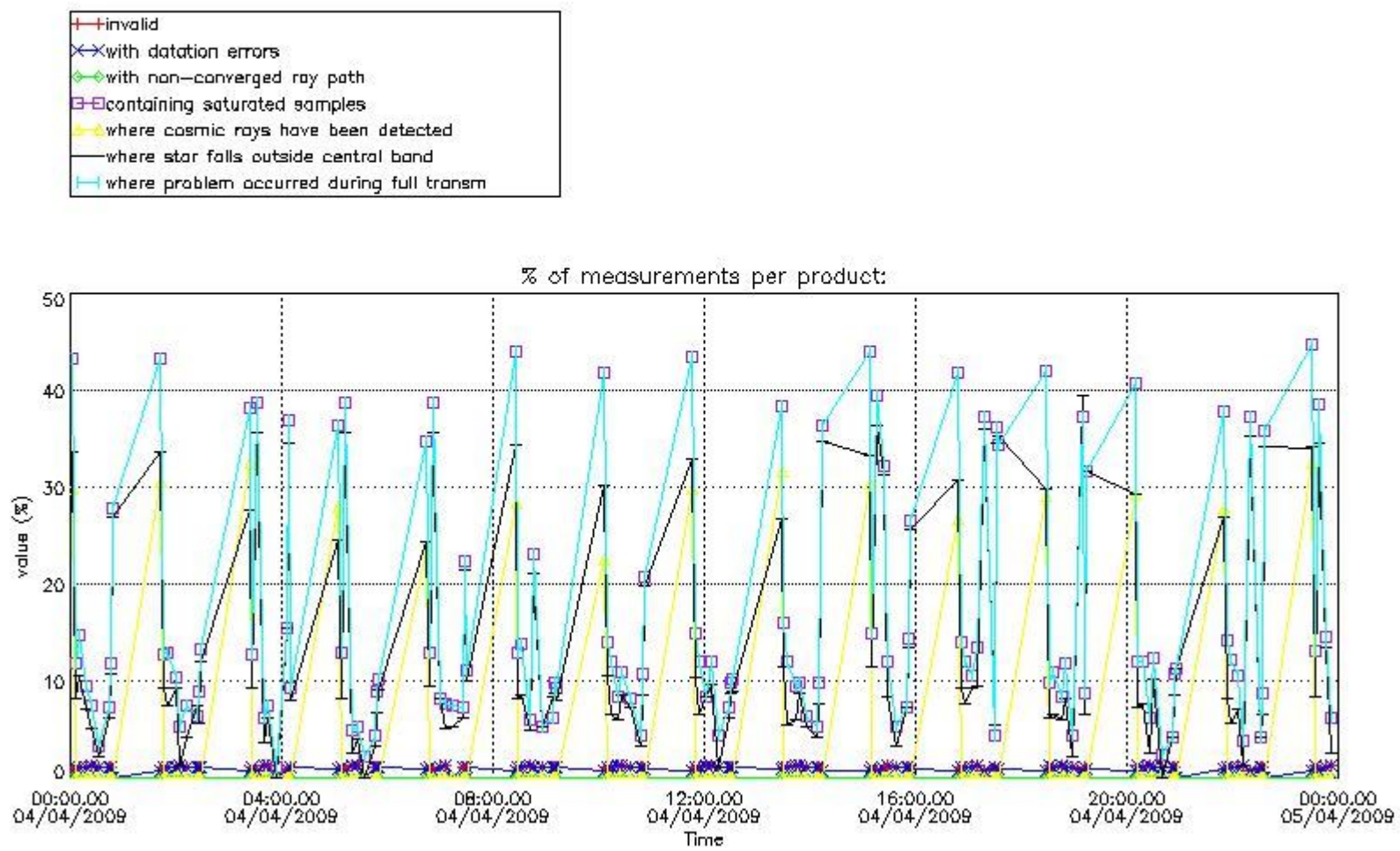
##### 4.1.1 Plot level 1 quality information per product (time dependant): ENVISAT ASCENDING passes





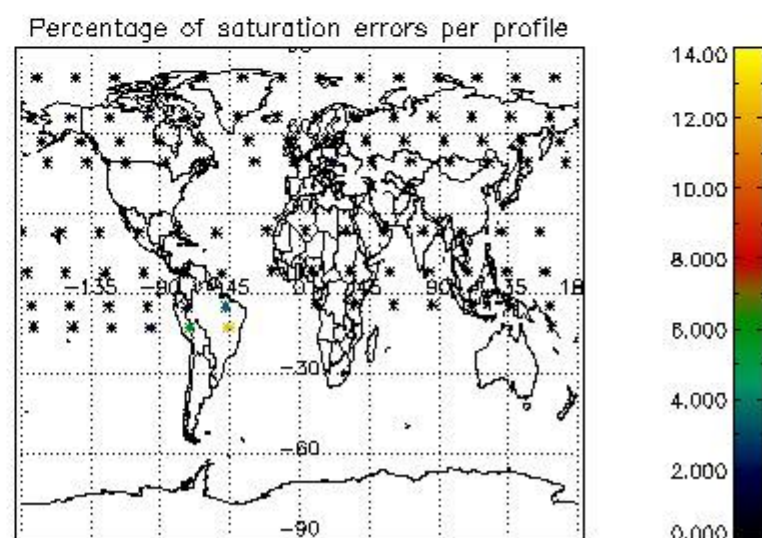
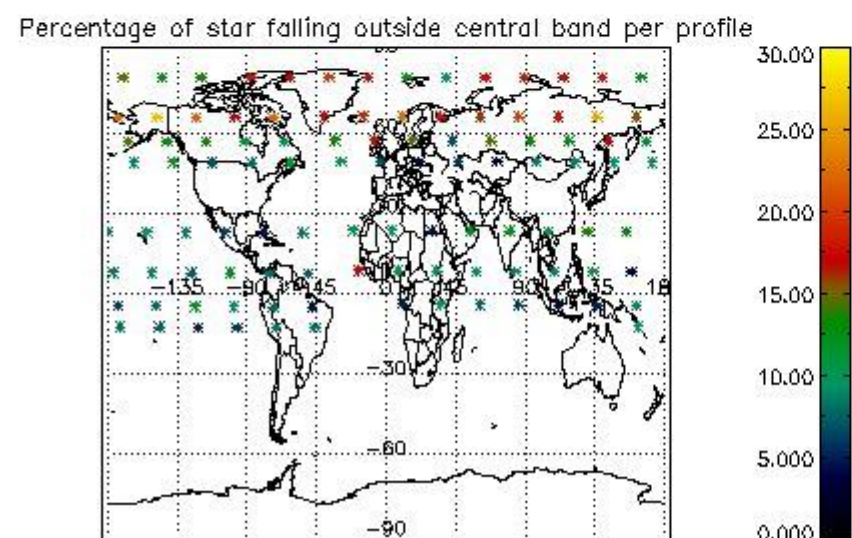
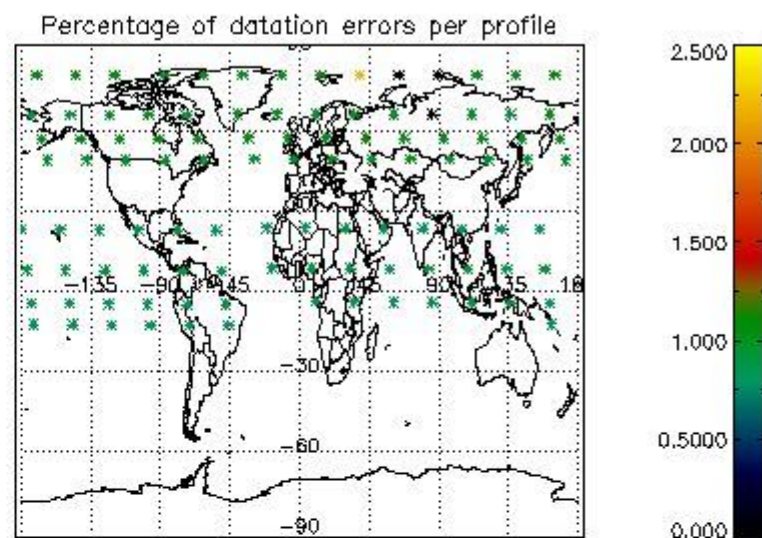
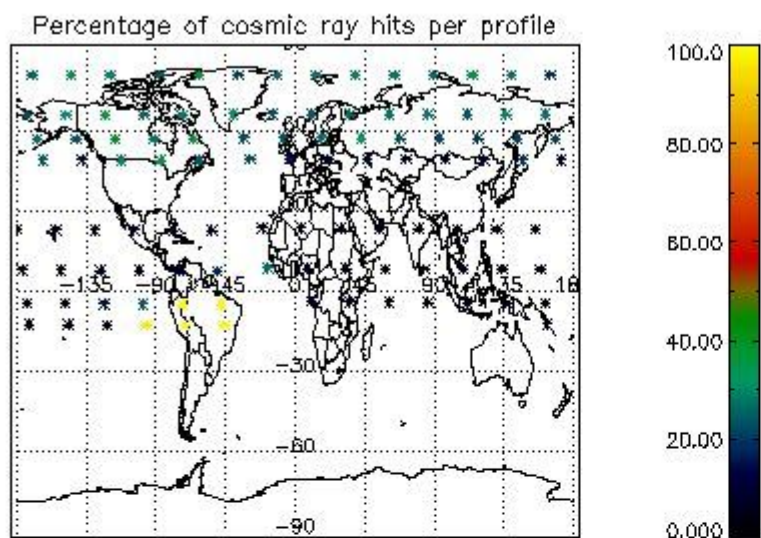
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes





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

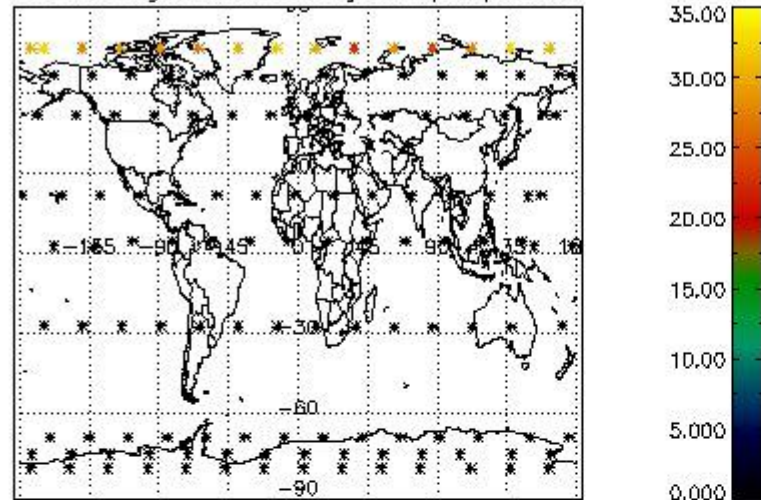
##### 4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes



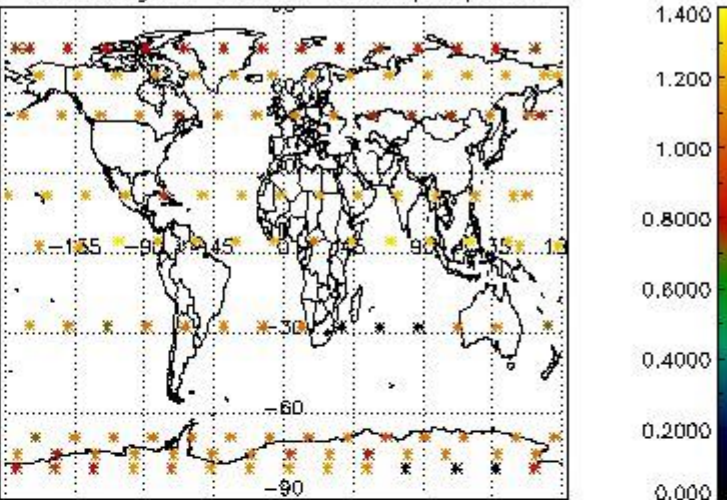
4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes



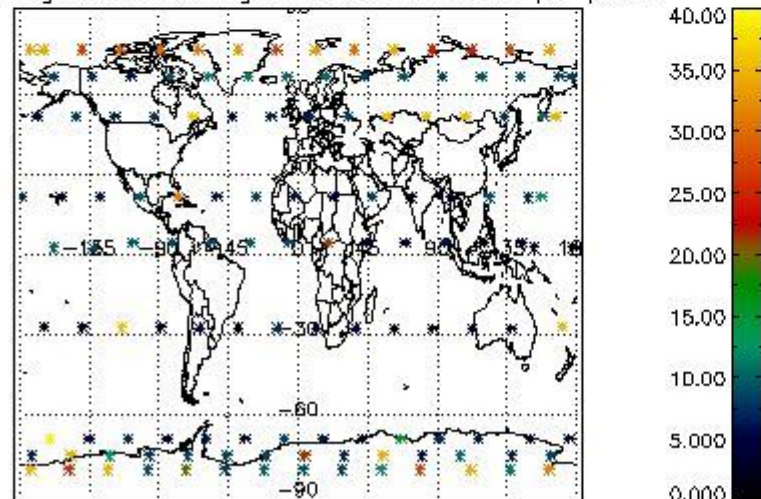
Percentage of cosmic ray hits per profile



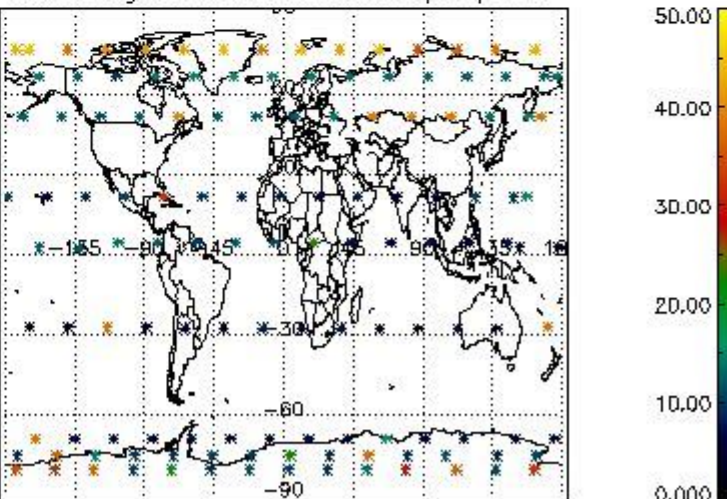
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



## 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.

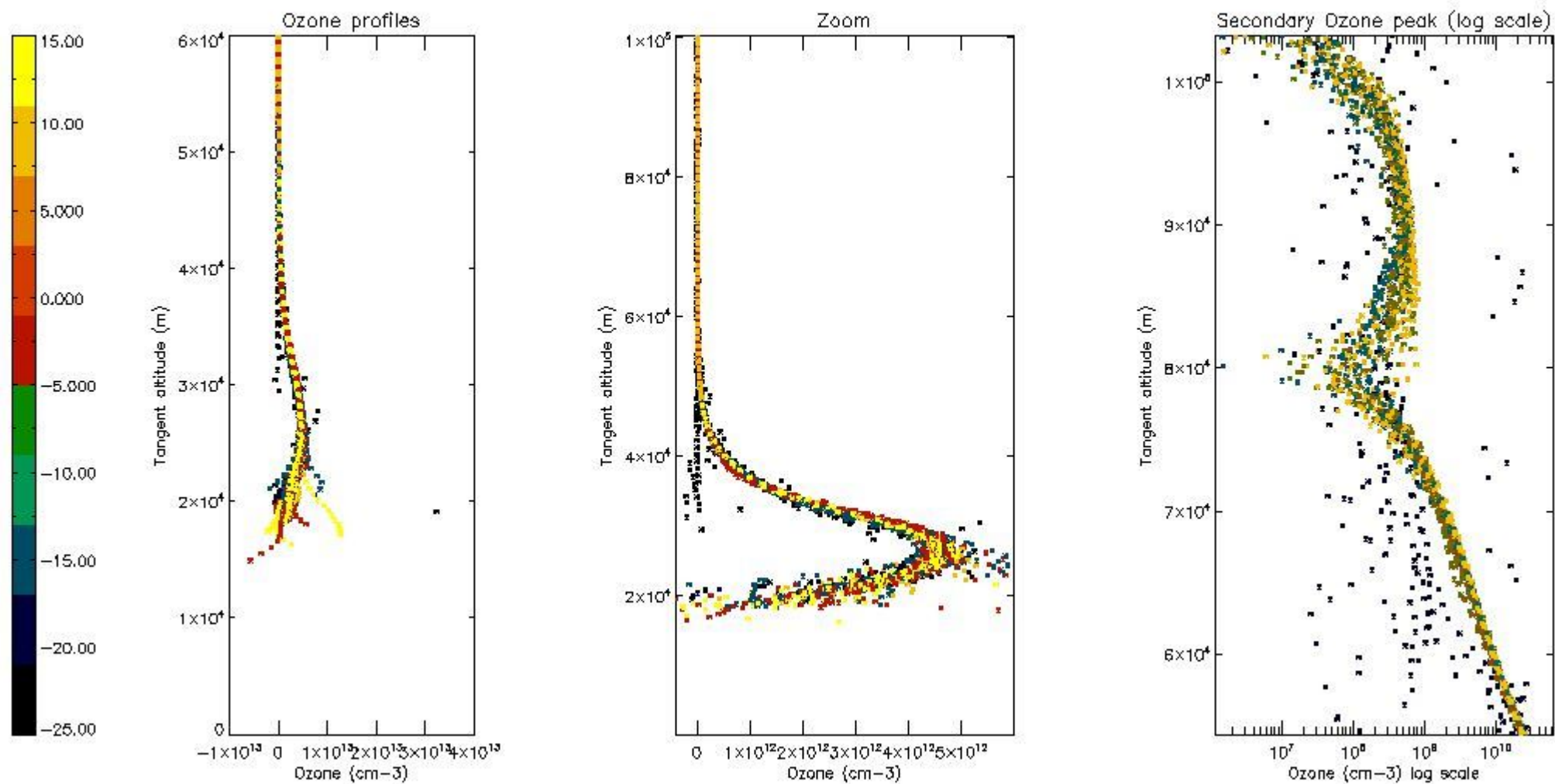
Criteria	% of total production
All STD	25
STD < 20	16



STD < 10	14
STD < 5	11

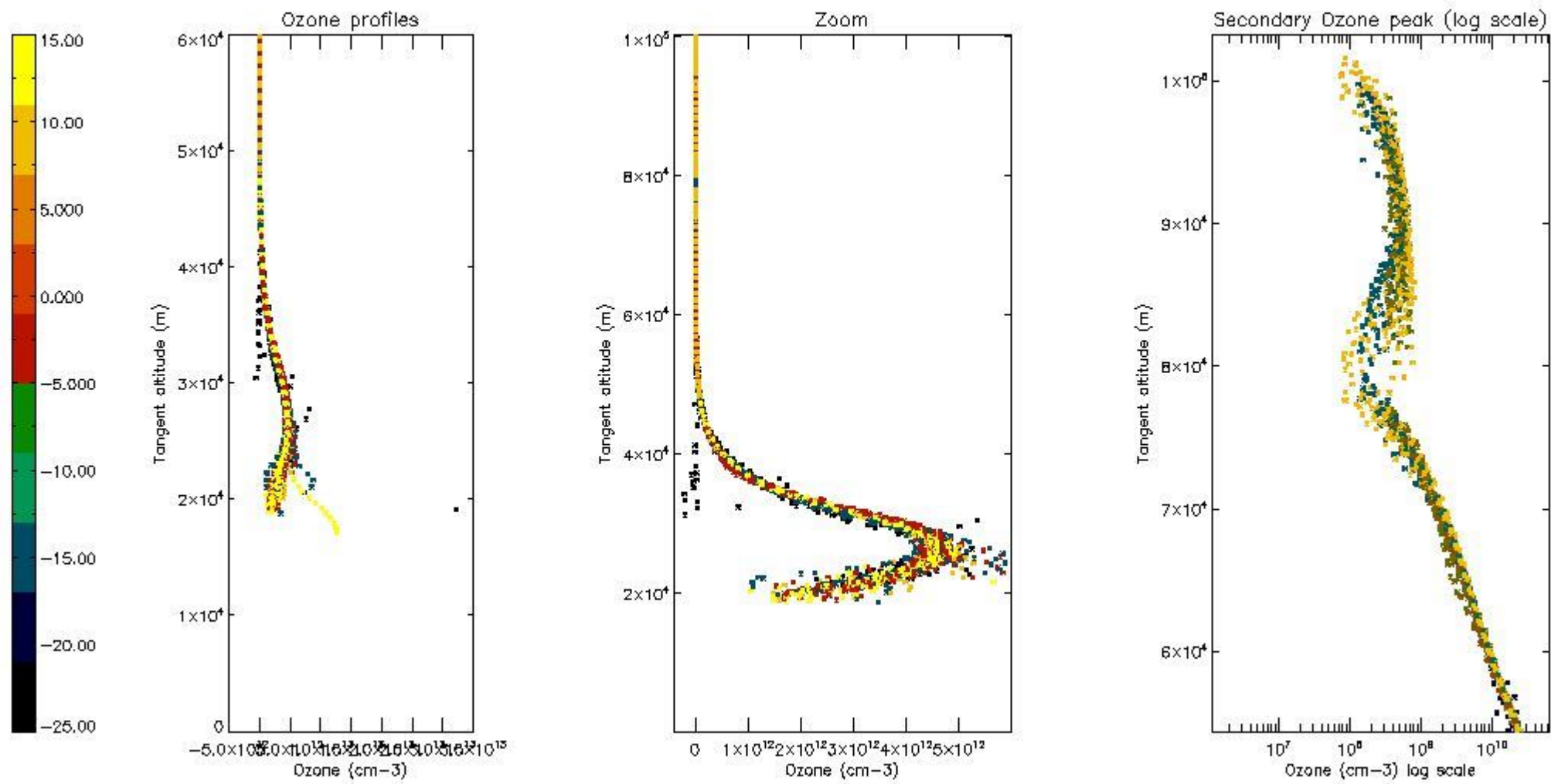
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



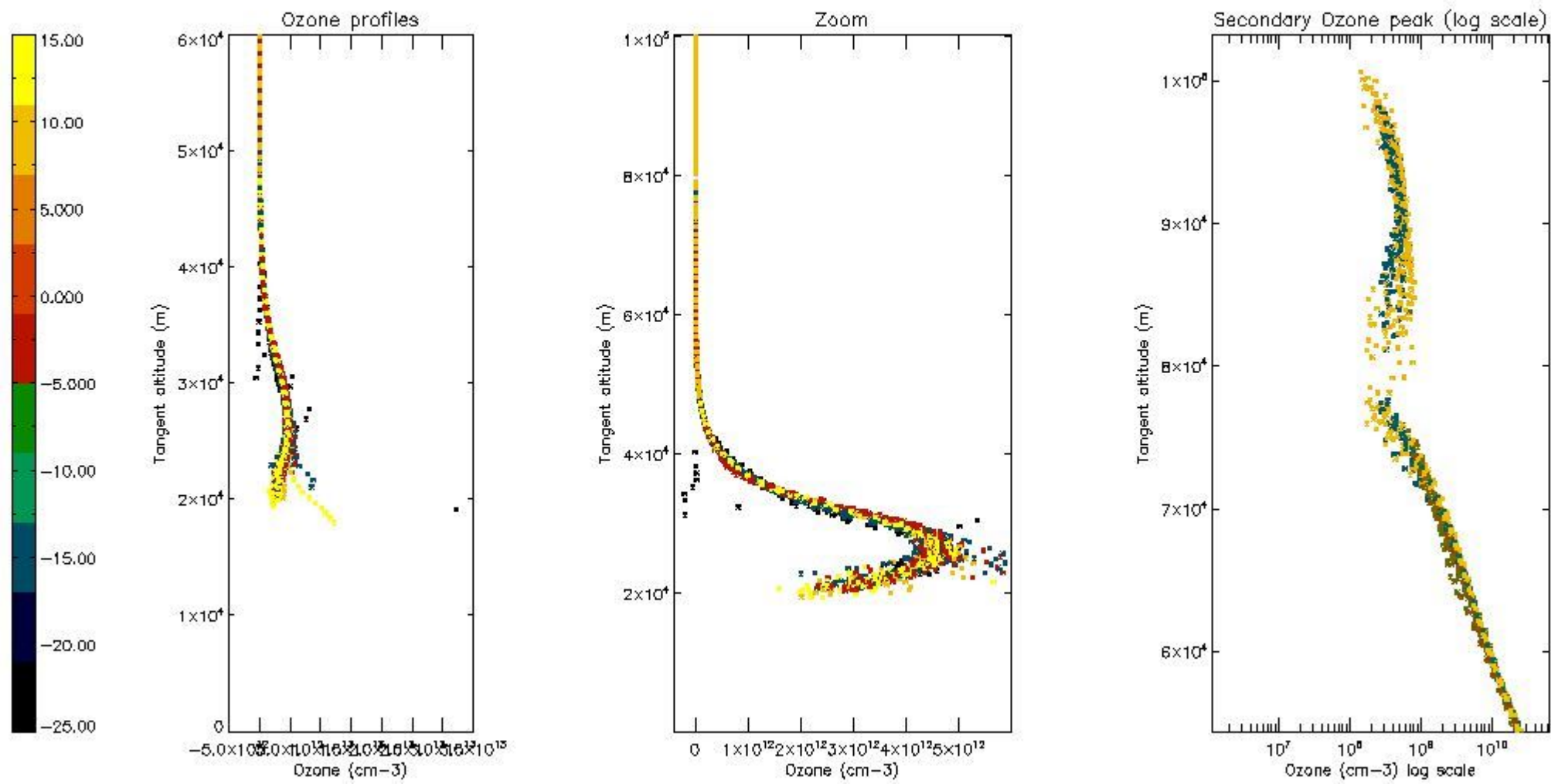
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



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

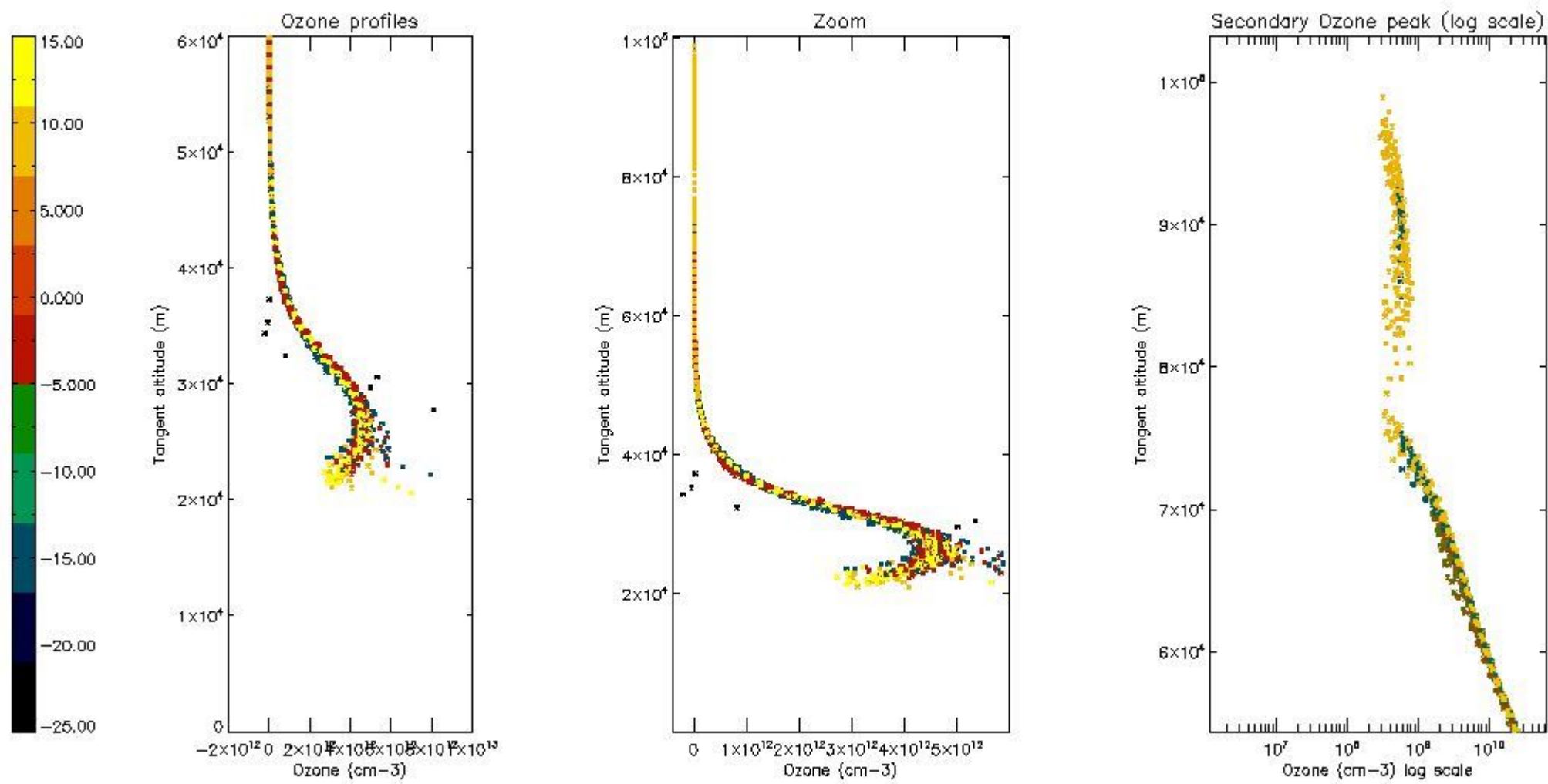
The colorbar represents the latitude.



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

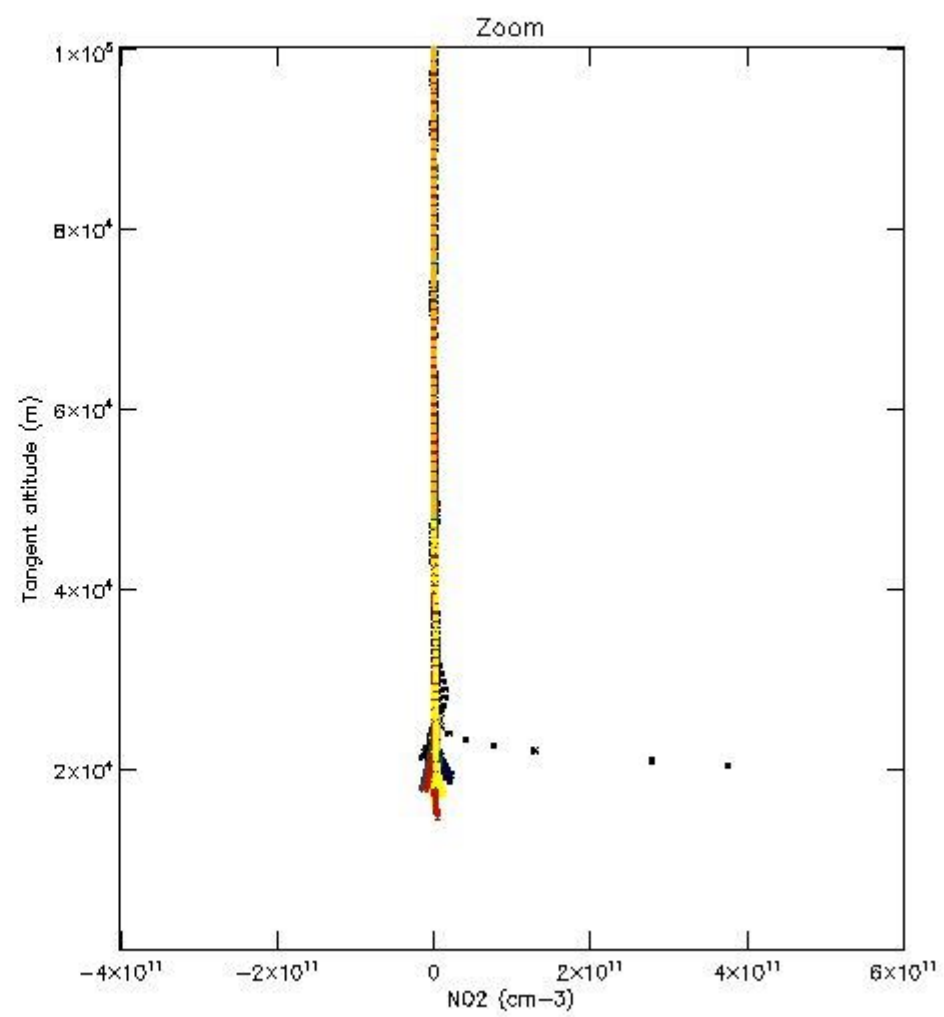
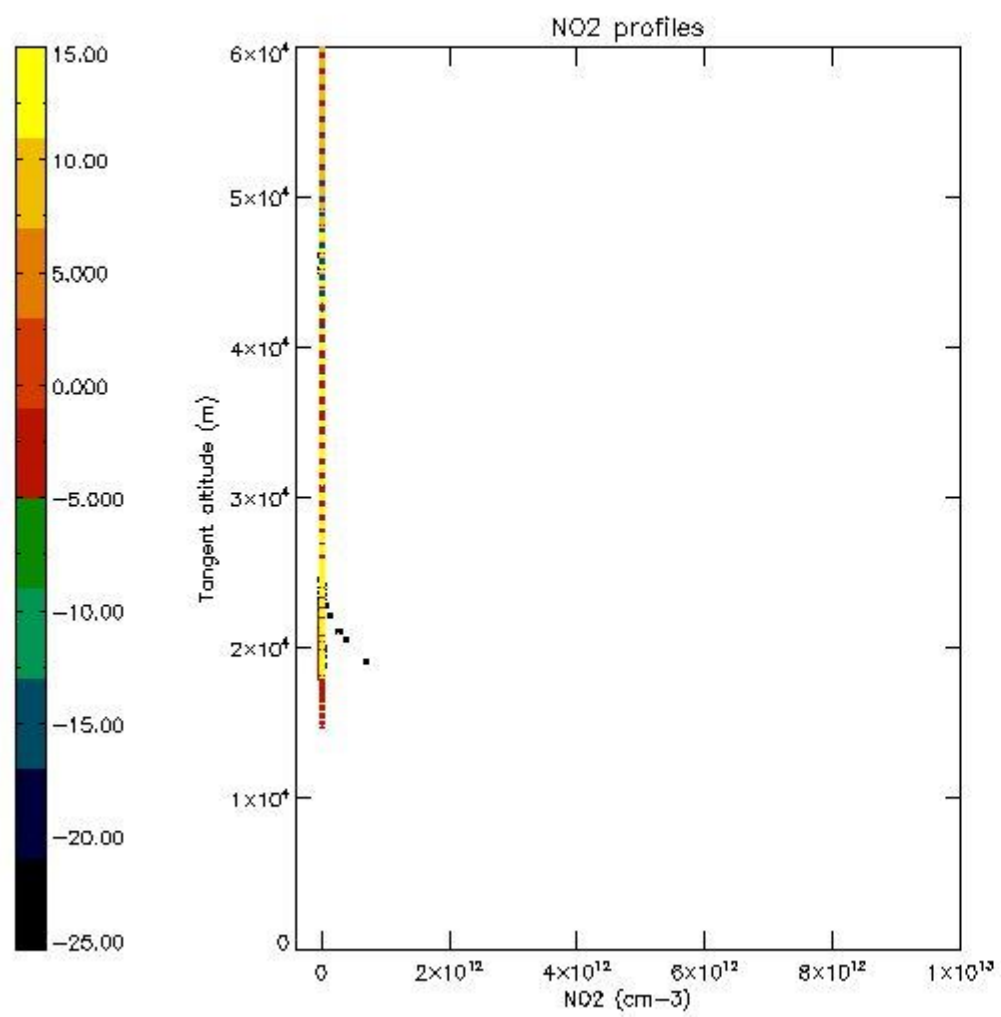
The colorbar represents the latitude.





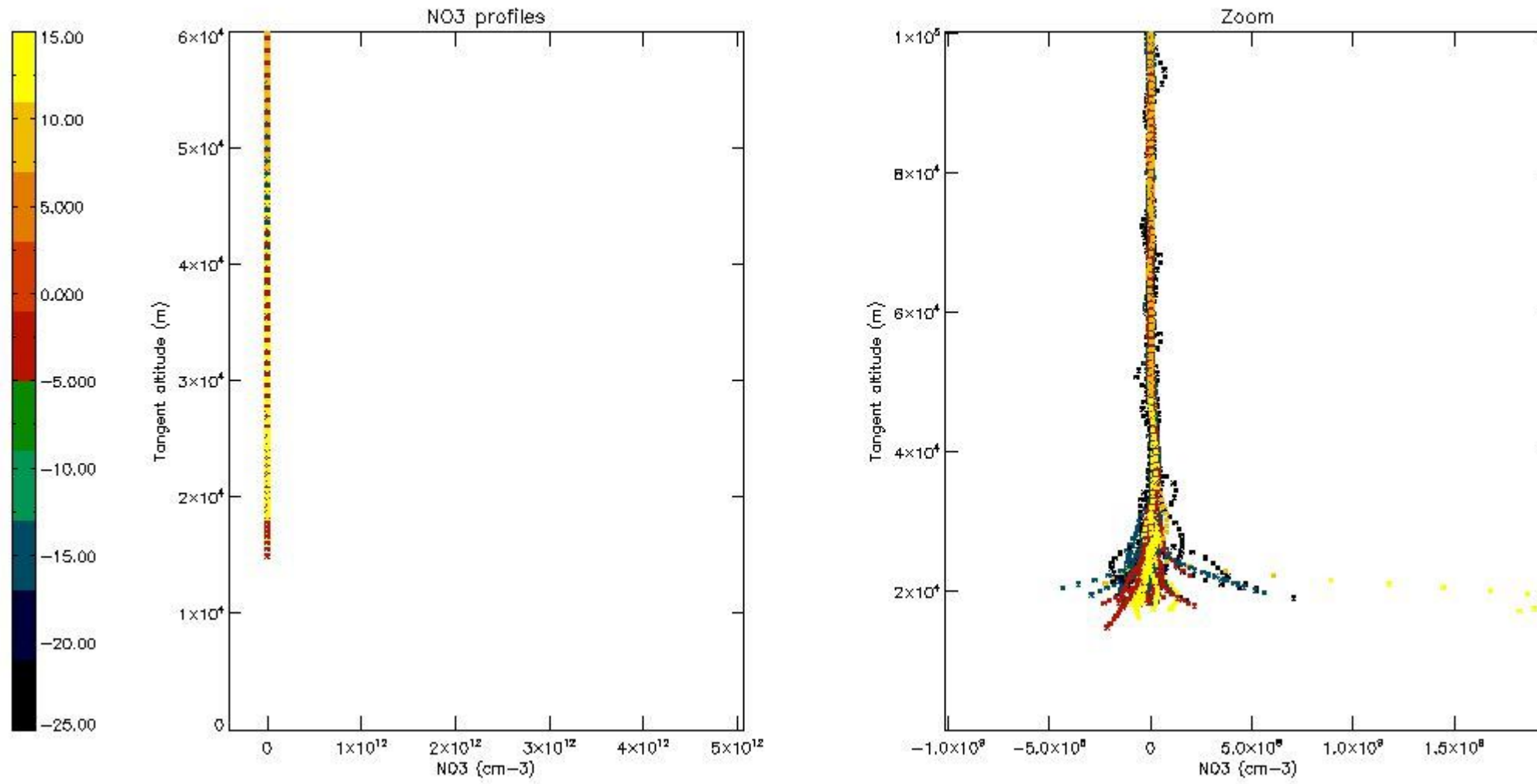
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

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	04-APR-2009 00:02:24
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	04-APR-2009 00:02:24
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	04-APR-2009 00:02:24



# GOMOS Level 2 Daily Report

## SUMMARY

### [1. General Info](#)

### [2. Summary of processed GOM\\_NL\\_2P products](#)

### [3. Level 2 Quality information per product](#)

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

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### [4. Level 1 Quality information per product \(stored on level 2 products\)](#)

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

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

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#### [4.2 Plot of level 1 quality information per product \(world map\)](#)

##### [4.2.1 Plot of level 1 quality information per product \(world map\): ASCENDING](#)

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	26APR2013 08:36:44
Data source version	GOMOS/6.01
Start time of products	04-04-2009 (04APR2009 00:00:00)
Stop time of products	05-04-2009 (05APR2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	235
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__2PRFIN20090404_000224_000000672077_00460_37087_4324.N1	04-APR-2009 00:02:24	Bright	67.000	15	67Alp Vir	0.97600	28000.	134	37087	No
2	GOM_NL__2PRFIN20090404_000535_000000432077_00460_37087_4325.N1	04-APR-2009 00:05:35	Bright	42.500	121	29Gam Vir	2.7400	7200.0	85	37087	No
3	GOM_NL__2PRFIN20090404_001000_000000482077_00460_37087_4326.N1	04-APR-2009 00:10:00	Bright	47.500	138	47Eps Vir	2.8280	4700.0	95	37087	No
4	GOM_NL__2PRFIN20090404_001830_000000432077_00460_37087_4327.N1	04-APR-2009 00:18:30	Bright	42.500	152	12Alp2CVn	2.8900	11000.	85	37087	No
5	GOM_NL__2PRFIN20090404_002317_000000402077_00460_37087_4328.N1	04-APR-2009 00:23:17	Bright	40.000	32	77Eps UMa	1.7630	11000.	80	37087	No
6	GOM_NL__2PRFIN20090404_003215_000000462077_00460_37087_4329.N1	04-APR-2009 00:32:15	Bright	46.000	119	14Eta Dra	2.7270	4700.0	92	37087	No
7	GOM_NL__2PRFIN20090404_004408_000000482077_00460_37087_4330.N1	04-APR-2009 00:44:08	Bright	48.000	144	18Del Cyg	2.8600	11000.	96	37087	No
8	GOM_NL__2PRFIN20090404_004609_000000472077_00460_37087_4331.N1	04-APR-2009 00:46:09	Bright	46.500	66	37Gam Cyg	2.2080	5900.0	93	37087	No
9	GOM_NL__2PRFIN20090404_004815_000000542077_00460_37087_4332.N1	04-APR-2009 00:48:15	Bright	54.000	92	53Eps Cyg	2.5000	4500.0	108	37087	No
10	GOM_NL__2PRFIN20090404_011117_000000602077_00460_37087_4333.N1	04-APR-2009 01:11:17	Dark	60.000	155	41Pi Sgr	2.9000	6600.0	120	37087	No
11	GOM_NL__2PRFIN20090404_011329_000000562077_00460_37087_4334.N1	04-APR-2009 01:13:29	Dark	56.000	57	34Sig Sgr	2.0660	26000.	112	37087	No
12	GOM_NL__2PRFIN20090404_011659_000000552077_00461_37088_4333.N1	04-APR-2009 01:16:59	Dark	54.500	38	20Eps Sgr	1.8360	11000.	109	37088	No
13	GOM_NL__2PRFIN20090404_012113_000000592077_00461_37088_4334.N1	04-APR-2009 01:21:13	Dark	58.500	25	35Lam Sco	1.6200	28000.	117	37088	No
14	GOM_NL__2PRFIN20090404_012837_000000532077_00461_37088_4335.N1	04-APR-2009 01:28:37	Straylight	52.500	131	Gam Lup	2.8000	26000.	105	37088	No
15	GOM_NL__2PRFIN20090404_013055_000000472077_00461_37088_4336.N1	04-APR-2009 01:30:55	Straylight	46.500	81	Eta Cen	2.3560	28000.	93	37088	No
16	GOM_NL__2PRFIN20090404_013334_000000542077_00461_37088_4337.N1	04-APR-2009 01:33:34	Straylight	53.500	54	5The Cen	2.0550	4500.0	107	37088	No
17	GOM_NL__2PRFIN20090404_013852_000000482077_00461_37088_4338.N1	04-APR-2009 01:38:52	Twilight_stray	47.500	169	46Gam Hya	2.9910	4700.0	95	37088	No
18	GOM_NL__2PRFIN20090404_014259_000000672077_00461_37088_4339.N1	04-APR-2009 01:42:59	Bright	67.000	15	67Alp Vir	0.97600	28000.	134	37088	No
19	GOM_NL__2PRFIN20090404_014611_000000432077_00461_37088_4340.N1	04-APR-2009 01:46:11	Bright	43.000	121	29Gam Vir	2.7400	7200.0	86	37088	No
20	GOM_NL__2PRFIN20090404_015035_000000472077_00461_37088_4341.N1	04-APR-2009 01:50:35	Bright	46.500	138	47Eps Vir	2.8280	4700.0	93	37088	No
21	GOM_NL__2PRFIN20090404_015906_000000442077_00461_37088_4342.N1	04-APR-2009 01:59:06	Bright	43.500	152	12Alp2CVn	2.8900	11000.	87	37088	No
22	GOM_NL__2PRFIN20090404_020353_000000382077_00461_37088_4343.N1	04-APR-2009 02:03:53	Bright	37.500	32	77Eps UMa	1.7630	11000.	75	37088	No
23	GOM_NL__2PRFIN20090404_021250_000000482077_00461_37088_4344.N1	04-APR-2009 02:12:50	Bright	47.500	119	14Eta Dra	2.7270	4700.0	95	37088	No
24	GOM_NL__2PRFIN20090404_022444_000000472077_00461_37088_4345.N1	04-APR-2009 02:24:44	Bright	47.000	144	18Del Cyg	2.8600	11000.	94	37088	No
25	GOM_NL__2PRFIN20090404_022644_000000452077_00461_37088_4346.N1	04-APR-2009 02:26:44	Bright	45.000	66	37Gam Cyg	2.2080	5900.0	90	37088	No
26	GOM_NL__2PRFIN20090404_022851_000000462077_00461_37088_4347.N1	04-APR-2009 02:28:51	Bright	45.500	92	53Eps Cyg	2.5000	4500.0	91	37088	No
27	GOM_NL__2PRFIN20090404_025154_000000602077_00461_37088_4348.N1	04-APR-2009 02:51:54	Dark	59.500	155	41Pi Sgr	2.9000	6600.0	119	37088	No
28	GOM_NL__2PRFIN20090404_025406_000000582077_00461_37088_4349.N1	04-APR-2009 02:54:06	Dark	58.000	57	34Sig Sgr	2.0660	26000.	116	37088	No
29	GOM_NL__2PRFIN20090404_025737_000000552077_00462_37089_4344.N1	04-APR-2009 02:57:37	Dark	55.000	38	20Eps Sgr	1.8360	11000.	110	37089	No
30	GOM_NL__2PRFIN20090404_030151_000000562077_00462_37089_4345.N1	04-APR-2009 03:01:51	Dark	56.000	25	35Lam Sco	1.6200	28000.	112	37089	No
31	GOM_NL__2PRFIN20090404_030914_000000502077_00462_37089_4346.N1	04-APR-2009 03:09:14	Straylight	50.000	131	Gam Lup	2.8000	26000.	100	37089	No
32	GOM_NL__2PRFIN20090404_031132_000000472077_00462_37089_4347.N1	04-APR-2009 03:11:32	Straylight	46.500	81	Eta Cen	2.3560	28000.	93	37089	No
33	GOM_NL__2PRFIN20090404_031411_000000502077_00462_37089_4348.N1	04-APR-2009 03:14:11	Straylight	50.000	54	5The Cen	2.0550	4500.0	100	37089	No
34	GOM_NL__2PRFIN20090404_031928_000000472077_00462_37089_4349.N1	04-APR-2009 03:19:28	Twilight_stray	47.000	169	46Gam Hya	2.9910	4700.0	94	37089	No
35	GOM_NL__2PRFIN20090404_032335_000000622077_00462_37089_4350.N1	04-APR-2009 03:23:35	Bright	61.500	15	67Alp Vir	0.97600	28000.	123	37089	No
36	GOM_NL__2PRFIN20090404_032647_000000432077_00462_37089_4351.N1	04-APR-2009 03:26:47	Bright	43.000	121	29Gam Vir	2.7400	7200.0	86	37089	No
37	GOM_NL__2PRFIN20090404_033111_000000662077_00462_37089_4352.N1	04-APR-2009 03:31:11	Bright	66.000	138	47Eps Vir	2.8280	4700.0	132	37089	No
38	GOM_NL__2PRFIN20090404_033941_000000412077_00462_37089_4353.N1	04-APR-2009 03:39:41	Bright	41.000	152	12Alp2CVn	2.8900	11000.	82	37089	No
39	GOM_NL__2PRFIN20090404_034428_000000402077_00462_37089_4354.N1	04-APR-2009 03:44:28	Bright	40.000	32	77Eps UMa	1.7630	11000.	80	37089	No
40	GOM_NL__2PRFIN20090404_035326_000000442077_00462_37089_4355.N1	04-APR-2009 03:53:26	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	37089	No
41	GOM_NL__2PRFIN20090404_040520_000000522077_00462_37089_4356.N1	04-APR-2009 04:05:20	Bright	52.000	144	18Del Cyg	2.8600	11000.	104	37089	No
42	GOM_NL__2PRFIN20090404_040720_000000652077_00462_37089_4357.N1	04-APR-2009 04:07:20	Bright	65.000	66	37Gam Cyg	2.2080	5900.0	130	37089	No

43	GOM_NL__2PRFIN20090404_040927_000000442077_00462_37089_4358.N1	04-APR-2009 04:09:27	Bright	43.500	92	53Eps Cyg	2.5000	4500.0	87	37089	No
44	GOM_NL__2PRFIN20090404_043232_000000592077_00462_37089_4359.N1	04-APR-2009 04:32:32	Dark	58.500	155	41Pi Sgr	2.9000	6600.0	117	37089	No
45	GOM_NL__2PRFIN20090404_043444_000000592077_00462_37089_4360.N1	04-APR-2009 04:34:44	Dark	59.000	57	34Sig Sgr	2.0660	26000.	118	37089	No
46	GOM_NL__2PRFIN20090404_043814_000000572077_00463_37090_4361.N1	04-APR-2009 04:38:14	Dark	57.000	38	20Eps Sgr	1.8360	11000.	114	37090	No
47	GOM_NL__2PRFIN20090404_044228_000000562077_00463_37090_4362.N1	04-APR-2009 04:42:28	Dark	56.000	25	35Lam Sco	1.6200	28000.	112	37090	No
48	GOM_NL__2PRFIN20090404_044951_000000502077_00463_37090_4363.N1	04-APR-2009 04:49:51	Straylight	50.000	131	Gam Lup	2.8000	26000.	100	37090	No
49	GOM_NL__2PRFIN20090404_045208_000000482077_00463_37090_4364.N1	04-APR-2009 04:52:08	Straylight	47.500	81	Eta Cen	2.3560	28000.	95	37090	No
50	GOM_NL__2PRFIN20090404_045447_000000532077_00463_37090_4365.N1	04-APR-2009 04:54:47	Straylight	52.500	54	5The Cen	2.0550	4500.0	105	37090	No
51	GOM_NL__2PRFIN20090404_050005_000000472077_00463_37090_4366.N1	04-APR-2009 05:00:05	Tw_i_and_stray	47.000	169	46Gam Hya	2.9910	4700.0	94	37090	No
52	GOM_NL__2PRFIN20090404_050412_000000592077_00463_37090_4367.N1	04-APR-2009 05:04:12	Bright	59.000	15	67Alp Vir	0.97600	28000.	118	37090	No
53	GOM_NL__2PRFIN20090404_050722_000000432077_00463_37090_4368.N1	04-APR-2009 05:07:22	Bright	42.500	121	29Gam Vir	2.7400	7200.0	85	37090	No
54	GOM_NL__2PRFIN20090404_051146_000000662077_00463_37090_4369.N1	04-APR-2009 05:11:46	Bright	66.000	138	47Eps Vir	2.8280	4700.0	132	37090	No
55	GOM_NL__2PRFIN20090404_052017_000000412077_00463_37090_4370.N1	04-APR-2009 05:20:17	Bright	40.500	152	12Alp2CVn	2.8900	11000.	81	37090	No
56	GOM_NL__2PRFIN20090404_052504_000000382077_00463_37090_4371.N1	04-APR-2009 05:25:04	Bright	37.500	32	77Eps UMa	1.7630	11000.	75	37090	No
57	GOM_NL__2PRFIN20090404_053401_000000452077_00463_37090_4372.N1	04-APR-2009 05:34:01	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	37090	No
58	GOM_NL__2PRFIN20090404_054556_000000472077_00463_37090_4373.N1	04-APR-2009 05:45:56	Bright	46.500	144	18Del Cyg	2.8600	11000.	93	37090	No
59	GOM_NL__2PRFIN20090404_054756_000000452077_00463_37090_4374.N1	04-APR-2009 05:47:56	Bright	45.000	66	37Gam Cyg	2.2080	5900.0	90	37090	No
60	GOM_NL__2PRFIN20090404_055003_000000442077_00463_37090_4375.N1	04-APR-2009 05:50:03	Bright	44.000	92	53Eps Cyg	2.5000	4500.0	88	37090	No
61	GOM_NL__2PRFIN20090404_061309_000000582077_00463_37090_4376.N1	04-APR-2009 06:13:09	Dark	57.500	155	41Pi Sgr	2.9000	6600.0	115	37090	No
62	GOM_NL__2PRFIN20090404_061521_000000602077_00463_37090_4377.N1	04-APR-2009 06:15:21	Dark	60.000	57	34Sig Sgr	2.0660	26000.	120	37090	No
63	GOM_NL__2PRFIN20090404_061852_000000542077_00464_37091_4377.N1	04-APR-2009 06:18:52	Dark	54.000	38	20Eps Sgr	1.8360	11000.	108	37091	No
64	GOM_NL__2PRFIN20090404_062305_000000582077_00464_37091_4378.N1	04-APR-2009 06:23:05	Dark	57.500	25	35Lam Sco	1.6200	28000.	115	37091	No
65	GOM_NL__2PRFIN20090404_063028_000000522077_00464_37091_4379.N1	04-APR-2009 06:30:28	Straylight	51.500	131	Gam Lup	2.8000	26000.	103	37091	No
66	GOM_NL__2PRFIN20090404_063245_000000482077_00464_37091_4380.N1	04-APR-2009 06:32:45	Straylight	47.500	81	Eta Cen	2.3560	28000.	95	37091	No
67	GOM_NL__2PRFIN20090404_063523_000000562077_00464_37091_4381.N1	04-APR-2009 06:35:23	Straylight	56.000	54	5The Cen	2.0550	4500.0	112	37091	No
68	GOM_NL__2PRFIN20090404_064041_000000462077_00464_37091_4382.N1	04-APR-2009 06:40:41	Tw_i_and_stray	45.500	169	46Gam Hya	2.9910	4700.0	91	37091	No
69	GOM_NL__2PRFIN20090404_064448_000000582077_00464_37091_4383.N1	04-APR-2009 06:44:48	Bright	57.500	15	67Alp Vir	0.97600	28000.	115	37091	No
70	GOM_NL__2PRFIN20090404_064759_000000432077_00464_37091_4384.N1	04-APR-2009 06:47:59	Bright	42.500	121	29Gam Vir	2.7400	7200.0	85	37091	No
71	GOM_NL__2PRFIN20090404_065222_000000662077_00464_37091_4385.N1	04-APR-2009 06:52:22	Bright	66.000	138	47Eps Vir	2.8280	4700.0	132	37091	No
72	GOM_NL__2PRFIN20090404_070052_000000432077_00464_37091_4386.N1	04-APR-2009 07:00:52	Bright	42.500	152	12Alp2CVn	2.8900	11000.	85	37091	No
73	GOM_NL__2PRFIN20090404_070539_000000402077_00464_37091_4387.N1	04-APR-2009 07:05:39	Bright	39.500	32	77Eps UMa	1.7630	11000.	79	37091	No
74	GOM_NL__2PRFIN20090404_071436_000000472077_00464_37091_4388.N1	04-APR-2009 07:14:36	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	37091	No
75	GOM_NL__2PRFIN20090404_072631_000000492077_00464_37091_4389.N1	04-APR-2009 07:26:31	Bright	48.500	144	18Del Cyg	2.8600	11000.	97	37091	No
76	GOM_NL__2PRFIN20090404_072832_000000542077_00464_37091_4390.N1	04-APR-2009 07:28:32	Bright	53.500	66	37Gam Cyg	2.2080	5900.0	107	37091	No
77	GOM_NL__2PRFIN20090404_073039_000000452077_00464_37091_4391.N1	04-APR-2009 07:30:39	Bright	45.000	92	53Eps Cyg	2.5000	4500.0	90	37091	No
78	GOM_NL__2PRFIN20090404_075347_000000592077_00464_37091_4392.N1	04-APR-2009 07:53:47	Dark	59.000	155	41Pi Sgr	2.9000	6600.0	118	37091	No
79	GOM_NL__2PRFIN20090404_075558_000000582077_00464_37091_4393.N1	04-APR-2009 07:55:58	Dark	58.000	57	34Sig Sgr	2.0660	26000.	116	37091	No
80	GOM_NL__2PRFIN20090404_075929_000000562077_00465_37092_4391.N1	04-APR-2009 07:59:29	Dark	55.500	38	20Eps Sgr	1.8360	11000.	111	37092	No
81	GOM_NL__2PRFIN20090404_080343_000000582077_00465_37092_4392.N1	04-APR-2009 08:03:43	Dark	58.000	25	35Lam Sco	1.6200	28000.	116	37092	No
82	GOM_NL__2PRFIN20090404_081105_000000512077_00465_37092_4393.N1	04-APR-2009 08:11:05	Straylight	50.500	131	Gam Lup	2.8000	26000.	101	37092	No
83	GOM_NL__2PRFIN20090404_081321_000000492077_00465_37092_4394.N1	04-APR-2009 08:13:21	Straylight	48.500	81	Eta Cen	2.3560	28000.	97	37092	No
84	GOM_NL__2PRFIN20090404_081600_000000532077_00465_37092_4395.N1	04-APR-2009 08:16:00	Straylight	53.000	54	5The Cen	2.0550	4500.0	106	37092	No
85	GOM_NL__2PRFIN20090404_082117_000000502077_00465_37092_4396.N1	04-APR-2009 08:21:17	Tw_i_and_stray	49.500	169	46Gam Hya	2.9910	4700.0	99	37092	No
86	GOM_NL__2PRFIN20090404_082523_000000672077_00465_37092_4397.N1	04-APR-2009 08:25:23	Bright	67.000	15	67Alp Vir	0.97600	28000.	134	37092	No
87	GOM_NL__2PRFIN20090404_082834_000000432077_00465_37092_4398.N1	04-APR-2009 08:28:34	Bright	42.500	121	29Gam Vir	2.7400	7200.0	85	37092	No
88	GOM_NL__2PRFIN20090404_083257_000000472077_00465_37092_4399.N1	04-APR-2009 08:32:57	Bright	47.000	138	47Eps Vir	2.8280	4700.0	94	37092	No
89	GOM_NL__2PRFIN20090404_084127_000000422077_00465_37092_4400.N1	04-APR-2009 08:41:27	Bright	41.500	152	12Alp2CVn	2.8900	11000.	83	37092	No
90	GOM_NL__2PRFIN20090404_084615_000000482077_00465_37092_4401.N1	04-APR-2009 08:46:15	Bright	47.500	32	77Eps UMa	1.7630	11000.	95	37092	No
91	GOM_NL__2PRFIN20090404_085511_000000472077_00465_37092_4402.N1	04-APR-2009 08:55:11	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	37092	No
92	GOM_NL__2PRFIN20090404_090707_000000482077_00465_37092_4403.N1	04-APR-2009 09:07:07	Bright	48.000	144	18Del Cyg	2.8600	11000.	96	37092	No
93	GOM_NL__2PRFIN20090404_090908_000000462077_00465_37092_4404.N1	04-APR-2009 09:09:08	Bright	45.500	66	37Gam Cyg	2.2080	5900.0	91	37092	No
94	GOM_NL__2PRFIN20090404_091116_000000442077_00465_37092_4405.N1	04-APR-2009 09:11:16	Bright	43.500	92	53Eps Cyg	2.5000	4500.0	87	37092	No
95	GOM_NL__2PRFIN20090404_093424_000000602077_00465_37092_4406.N1	04-APR-2009 09:34:24	Dark	59.500	155	41Pi Sgr	2.9000	6600.0	119	37092	No
96	GOM_NL__2PRFIN20090404_093635_000000582077_00465_37092_4407.N1	04-APR-2009 09:36:35	Dark	57.500	57	34Sig Sgr	2.0660	26000.	115	37092	No
97	GOM_NL__2PRFIN20090404_094006_000000552077_00466_37093_4430.N1	04-APR-2009 09:40:06	Dark	54.500	38	20Eps Sgr	1.8360	11000.	109	37093	No
98	GOM_NL__2PRFIN20090404_094420_000000582077_00466_37093_4431.N1	04-APR-2009 09:44:20	Dark	58.000	25	35Lam Sco	1.6200	28000.	116	37093	No
99	GOM_NL__2PRFIN20090404_095142_000000512077_00466_37093_4432.N1	04-APR-2009 09:51:42	Straylight	50.500	131	Gam Lup	2.8000	26000.	101	37093	No
100	GOM_NL__2PRFIN20090404_095358_000000472077_00466_37093_4433.N1	04-APR-2009 09:53:58	Straylight	47.000	81	Eta Cen	2.3560	28000.	94	37093	No
101	GOM_NL__2PRFIN20090404_095636_000000492077_00466_37093_4434.N1	04-APR-2009 09:56:36	Straylight	48.500	54	5The Cen	2.0550	4500.0	97	37093	No

102	GOM_NL__2PRFIN20090404_100153_000000492077_00466_37093_4435.N1	04-APR-2009 10:01:53	Twilight	48.500	169	46Gam Hya	2.9910	4700.0	97	37093	No
103	GOM_NL__2PRFIN20090404_100559_000000652077_00466_37093_4436.N1	04-APR-2009 10:05:59	Bright	64.500	15	67Alp Vir	0.97600	28000.	129	37093	No
104	GOM_NL__2PRFIN20090404_100910_000000432077_00466_37093_4437.N1	04-APR-2009 10:09:10	Bright	43.000	121	29Gam Vir	2.7400	7200.0	86	37093	No
105	GOM_NL__2PRFIN20090404_101333_000000462077_00466_37093_4438.N1	04-APR-2009 10:13:33	Bright	45.500	138	47Eps Vir	2.8280	4700.0	91	37093	No
106	GOM_NL__2PRFIN20090404_102203_000000422077_00466_37093_4439.N1	04-APR-2009 10:22:03	Bright	42.000	152	12Alp2CVn	2.8900	11000.	84	37093	No
107	GOM_NL__2PRFIN20090404_102650_000000412077_00466_37093_4440.N1	04-APR-2009 10:26:50	Bright	41.000	32	77Eps UMa	1.7630	11000.	82	37093	No
108	GOM_NL__2PRFIN20090404_103547_000000492077_00466_37093_4441.N1	04-APR-2009 10:35:47	Bright	48.500	119	14Eta Dra	2.7270	4700.0	97	37093	No
109	GOM_NL__2PRFIN20090404_104743_000000472077_00466_37093_4442.N1	04-APR-2009 10:47:43	Bright	46.500	144	18Del Cyg	2.8600	11000.	93	37093	No
110	GOM_NL__2PRFIN20090404_104944_000000472077_00466_37093_4443.N1	04-APR-2009 10:49:44	Bright	46.500	66	37Gam Cyg	2.2080	5900.0	93	37093	No
111	GOM_NL__2PRFIN20090404_105151_000000512077_00466_37093_4444.N1	04-APR-2009 10:51:51	Bright	50.500	92	53Eps Cyg	2.5000	4500.0	101	37093	No
112	GOM_NL__2PRFIN20090404_111502_000000612077_00466_37093_4445.N1	04-APR-2009 11:15:02	Dark	60.500	155	41Pi Sgr	2.9000	6600.0	121	37093	No
113	GOM_NL__2PRFIN20090404_111713_000000602077_00466_37093_4446.N1	04-APR-2009 11:17:13	Dark	59.500	57	34Sig Sgr	2.0660	26000.	119	37093	No
114	GOM_NL__2PRFIN20090404_112044_000000532077_00467_37094_4445.N1	04-APR-2009 11:20:44	Dark	52.500	38	20Eps Sgr	1.8360	11000.	105	37094	No
115	GOM_NL__2PRFIN20090404_112457_000000612077_00467_37094_4446.N1	04-APR-2009 11:24:57	Dark	61.000	25	35Lam Sco	1.6200	28000.	122	37094	No
116	GOM_NL__2PRFIN20090404_113218_000000512077_00467_37094_4447.N1	04-APR-2009 11:32:18	Straylight	51.000	131	Gam Lup	2.8000	26000.	102	37094	No
117	GOM_NL__2PRFIN20090404_113434_000000502077_00467_37094_4448.N1	04-APR-2009 11:34:34	Straylight	50.000	81	Eta Cen	2.3560	28000.	100	37094	No
118	GOM_NL__2PRFIN20090404_113713_000000552077_00467_37094_4449.N1	04-APR-2009 11:37:13	Straylight	55.000	54	5The Cen	2.0550	4500.0	110	37094	No
119	GOM_NL__2PRFIN20090404_114229_000000492077_00467_37094_4450.N1	04-APR-2009 11:42:29	Twilight	49.000	169	46Gam Hya	2.9910	4700.0	98	37094	No
120	GOM_NL__2PRFIN20090404_114635_000000662077_00467_37094_4451.N1	04-APR-2009 11:46:35	Bright	65.500	15	67Alp Vir	0.97600	28000.	131	37094	No
121	GOM_NL__2PRFIN20090404_114946_000000442077_00467_37094_4452.N1	04-APR-2009 11:49:46	Bright	43.500	121	29Gam Vir	2.7400	7200.0	87	37094	No
122	GOM_NL__2PRFIN20090404_115408_000000462077_00467_37094_4453.N1	04-APR-2009 11:54:08	Bright	46.000	138	47Eps Vir	2.8280	4700.0	92	37094	No
123	GOM_NL__2PRFIN20090404_120238_000000422077_00467_37094_4454.N1	04-APR-2009 12:02:38	Bright	42.000	152	12Alp2CVn	2.8900	11000.	84	37094	No
124	GOM_NL__2PRFIN20090404_120726_000000422077_00467_37094_4455.N1	04-APR-2009 12:07:26	Bright	41.500	32	77Eps UMa	1.7630	11000.	83	37094	No
125	GOM_NL__2PRFIN20090404_121622_000000462077_00467_37094_4456.N1	04-APR-2009 12:16:22	Bright	45.500	119	14Eta Dra	2.7270	4700.0	91	37094	No
126	GOM_NL__2PRFIN20090404_122818_000000482077_00467_37094_4457.N1	04-APR-2009 12:28:18	Bright	48.000	144	18Del Cyg	2.8600	11000.	96	37094	No
127	GOM_NL__2PRFIN20090404_123020_000000462077_00467_37094_4458.N1	04-APR-2009 12:30:20	Bright	46.000	66	37Gam Cyg	2.2080	5900.0	92	37094	No
128	GOM_NL__2PRFIN20090404_123227_000000452077_00467_37094_4459.N1	04-APR-2009 12:32:27	Bright	44.500	92	53Eps Cyg	2.5000	4500.0	89	37094	No
129	GOM_NL__2PRFIN20090404_125750_000000582077_00467_37094_4460.N1	04-APR-2009 12:57:50	Dark	57.500	57	34Sig Sgr	2.0660	26000.	115	37094	No
130	GOM_NL__2PRFIN20090404_130120_000000572077_00468_37095_4454.N1	04-APR-2009 13:01:20	Dark	57.000	38	20Eps Sgr	1.8360	11000.	114	37095	No
131	GOM_NL__2PRFIN20090404_130534_000000622077_00468_37095_4455.N1	04-APR-2009 13:05:34	Dark	61.500	25	35Lam Sco	1.6200	28000.	123	37095	No
132	GOM_NL__2PRFIN20090404_131254_000000512077_00468_37095_4456.N1	04-APR-2009 13:12:54	Straylight	51.000	131	Gam Lup	2.8000	26000.	102	37095	No
133	GOM_NL__2PRFIN20090404_131511_000000482077_00468_37095_4457.N1	04-APR-2009 13:15:11	Straylight	47.500	81	Eta Cen	2.3560	28000.	95	37095	No
134	GOM_NL__2PRFIN20090404_131749_000000512077_00468_37095_4458.N1	04-APR-2009 13:17:49	Straylight	51.000	54	5The Cen	2.0550	4500.0	102	37095	No
135	GOM_NL__2PRFIN20090404_132305_000000482077_00468_37095_4459.N1	04-APR-2009 13:23:05	Twilight	48.000	169	46Gam Hya	2.9910	4700.0	96	37095	No
136	GOM_NL__2PRFIN20090404_132711_000000602077_00468_37095_4460.N1	04-APR-2009 13:27:11	Bright	60.000	15	67Alp Vir	0.97600	28000.	120	37095	No
137	GOM_NL__2PRFIN20090404_133021_000000442077_00468_37095_4461.N1	04-APR-2009 13:30:21	Bright	44.000	121	29Gam Vir	2.7400	7200.0	88	37095	No
138	GOM_NL__2PRFIN20090404_133444_000000462077_00468_37095_4462.N1	04-APR-2009 13:34:44	Bright	45.500	138	47Eps Vir	2.8280	4700.0	91	37095	No
139	GOM_NL__2PRFIN20090404_134314_000000422077_00468_37095_4463.N1	04-APR-2009 13:43:14	Bright	42.000	152	12Alp2CVn	2.8900	11000.	84	37095	No
140	GOM_NL__2PRFIN20090404_134801_000000412077_00468_37095_4464.N1	04-APR-2009 13:48:01	Bright	40.500	32	77Eps UMa	1.7630	11000.	81	37095	No
141	GOM_NL__2PRFIN20090404_135657_000000472077_00468_37095_4465.N1	04-APR-2009 13:56:57	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	37095	No
142	GOM_NL__2PRFIN20090404_140854_000000482077_00468_37095_4466.N1	04-APR-2009 14:08:54	Bright	47.500	144	18Del Cyg	2.8600	11000.	95	37095	No
143	GOM_NL__2PRFIN20090404_141056_000000462077_00468_37095_4467.N1	04-APR-2009 14:10:56	Bright	46.000	66	37Gam Cyg	2.2080	5900.0	92	37095	No
144	GOM_NL__2PRFIN20090404_141303_000000622077_00468_37095_4468.N1	04-APR-2009 14:13:03	Bright	62.000	92	53Eps Cyg	2.5000	4500.0	124	37095	No
145	GOM_NL__2PRFIN20090404_143828_000000572077_00468_37095_4469.N1	04-APR-2009 14:38:28	Dark	57.000	57	34Sig Sgr	2.0660	26000.	114	37095	No
146	GOM_NL__2PRFIN20090404_144158_000000562077_00469_37096_4469.N1	04-APR-2009 14:41:58	Dark	56.000	38	20Eps Sgr	1.8360	11000.	112	37096	No
147	GOM_NL__2PRFIN20090404_144612_000000602077_00469_37096_4470.N1	04-APR-2009 14:46:12	Dark	59.500	25	35Lam Sco	1.6200	28000.	119	37096	No
148	GOM_NL__2PRFIN20090404_145331_000000522077_00469_37096_4471.N1	04-APR-2009 14:53:31	Straylight	51.500	131	Gam Lup	2.8000	26000.	103	37096	No
149	GOM_NL__2PRFIN20090404_145547_000000482077_00469_37096_4472.N1	04-APR-2009 14:55:47	Straylight	48.000	81	Eta Cen	2.3560	28000.	96	37096	No
150	GOM_NL__2PRFIN20090404_145825_000000522077_00469_37096_4473.N1	04-APR-2009 14:58:25	Straylight	51.500	54	5The Cen	2.0550	4500.0	103	37096	No
151	GOM_NL__2PRFIN20090404_150341_000000452077_00469_37096_4474.N1	04-APR-2009 15:03:41	Twilight	45.000	169	46Gam Hya	2.9910	4700.0	90	37096	No
152	GOM_NL__2PRFIN20090404_150747_000000662077_00469_37096_4475.N1	04-APR-2009 15:07:47	Bright	66.000	15	67Alp Vir	0.97600	28000.	132	37096	No
153	GOM_NL__2PRFIN20090404_151057_000000442077_00469_37096_4476.N1	04-APR-2009 15:10:57	Bright	43.500	121	29Gam Vir	2.7400	7200.0	87	37096	No
154	GOM_NL__2PRFIN20090404_151520_000000662077_00469_37096_4477.N1	04-APR-2009 15:15:20	Bright	66.000	138	47Eps Vir	2.8280	4700.0	132	37096	No
155	GOM_NL__2PRFIN20090404_152349_000000562077_00469_37096_4478.N1	04-APR-2009 15:23:49	Bright	56.000	152	12Alp2CVn	2.8900	11000.	112	37096	No
156	GOM_NL__2PRFIN20090404_152837_000000422077_00469_37096_4479.N1	04-APR-2009 15:28:37	Bright	41.500	32	77Eps UMa	1.7630	11000.	83	37096	No
157	GOM_NL__2PRFIN20090404_153732_000000472077_00469_37096_4480.N1	04-APR-2009 15:37:32	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	37096	No
158	GOM_NL__2PRFIN20090404_154930_000000492077_00469_37096_4481.N1	04-APR-2009 15:49:30	Bright	48.500	144	18Del Cyg	2.8600	11000.	97	37096	No
159	GOM_NL__2PRFIN20090404_155132_000000492077_00469_37096_4482.N1	04-APR-2009 15:51:32	Bright	48.500	66	37Gam Cyg	2.2080	5900.0	97	37096	No
160	GOM_NL__2PRFIN20090404_155339_000000552077_00469_37096_4483.N1	04-APR-2009 15:53:39	Bright	54.500	92	53Eps Cyg	2.5000	4500.0	109	37096	No



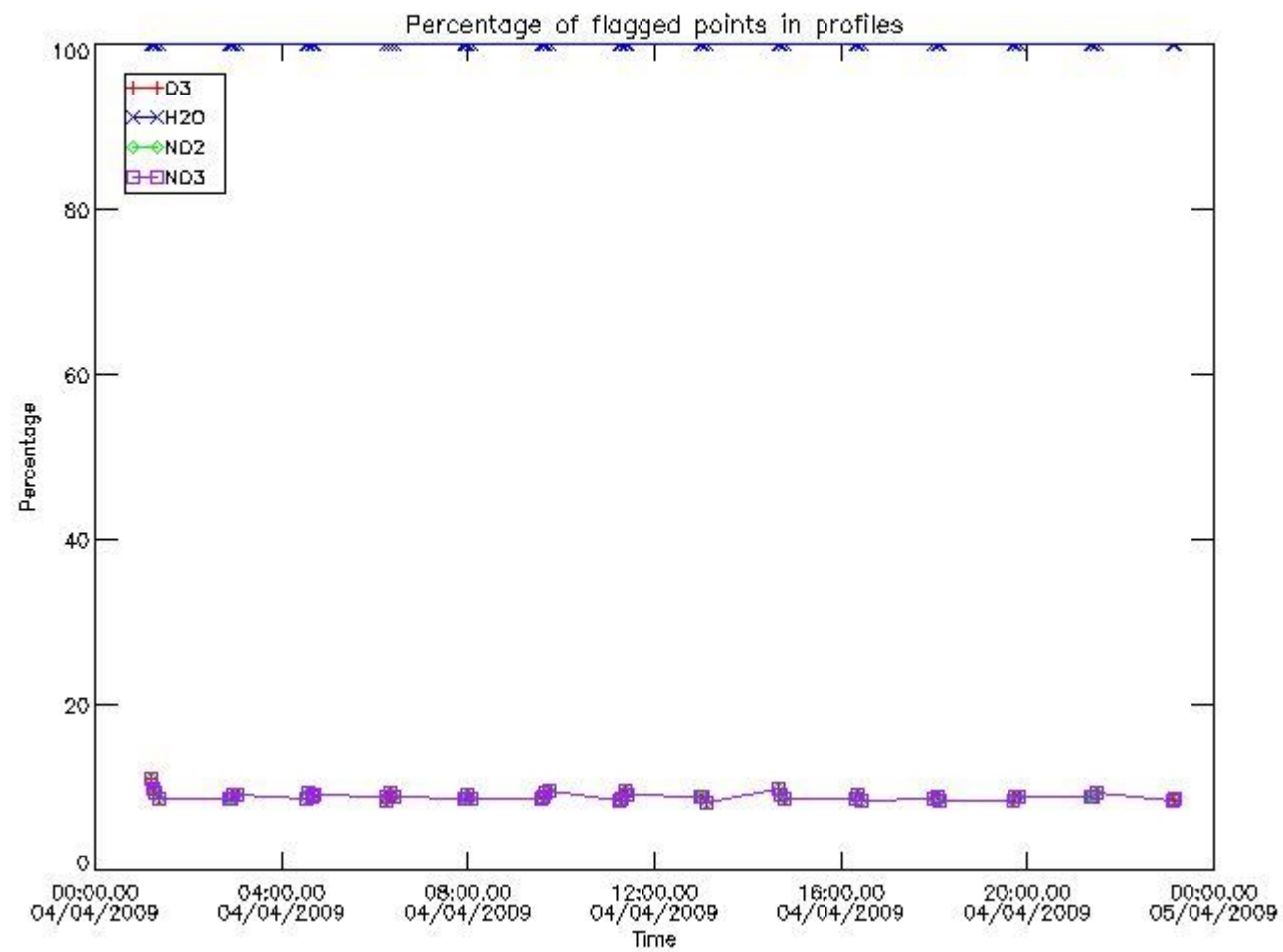
161	GOM_NL__2PRFIN20090404_161905_000000582077_00469_37096_4484.N1	04-APR-2009 16:19:05	Dark	58.000	57	34Sig Sgr	2.0660	26000.	116	37096	No
162	GOM_NL__2PRFIN20090404_162235_000000562077_00470_37097_4481.N1	04-APR-2009 16:22:35	Dark	56.000	38	20Eps Sgr	1.8360	11000.	112	37097	No
163	GOM_NL__2PRFIN20090404_162649_000000612077_00470_37097_4482.N1	04-APR-2009 16:26:49	Dark	60.500	25	35Lam Sco	1.6200	28000.	121	37097	No
164	GOM_NL__2PRFIN20090404_163408_000000492077_00470_37097_4483.N1	04-APR-2009 16:34:08	Straylight	49.000	131	Gam Lup	2.8000	26000.	98	37097	No
165	GOM_NL__2PRFIN20090404_163624_000000492077_00470_37097_4484.N1	04-APR-2009 16:36:24	Straylight	48.500	81	Eta Cen	2.3560	28000.	97	37097	No
166	GOM_NL__2PRFIN20090404_163902_000000502077_00470_37097_4485.N1	04-APR-2009 16:39:02	Straylight	49.500	54	5The Cen	2.0550	4500.0	99	37097	No
167	GOM_NL__2PRFIN20090404_164417_000000462077_00470_37097_4486.N1	04-APR-2009 16:44:17	Tw_i_and_stray	45.500	169	46Gam Hya	2.9910	4700.0	91	37097	No
168	GOM_NL__2PRFIN20090404_164823_000000642077_00470_37097_4487.N1	04-APR-2009 16:48:23	Bright	63.500	15	67Alp Vir	0.97600	28000.	127	37097	No
169	GOM_NL__2PRFIN20090404_165133_000000432077_00470_37097_4488.N1	04-APR-2009 16:51:33	Bright	43.000	121	29Gam Vir	2.7400	7200.0	86	37097	No
170	GOM_NL__2PRFIN20090404_165555_000000462077_00470_37097_4489.N1	04-APR-2009 16:55:55	Bright	45.500	138	47Eps Vir	2.8280	4700.0	91	37097	No
171	GOM_NL__2PRFIN20090404_170425_000000432077_00470_37097_4490.N1	04-APR-2009 17:04:25	Bright	43.000	152	12Alp2CVn	2.8900	11000.	86	37097	No
172	GOM_NL__2PRFIN20090404_170917_000000372077_00470_37097_4491.N1	04-APR-2009 17:09:17	Bright	37.000	32	77Eps UMa	1.7630	11000.	74	37097	No
173	GOM_NL__2PRFIN20090404_171807_000000712077_00470_37097_4492.N1	04-APR-2009 17:18:07	Bright	71.000	119	14Eta Dra	2.7270	4700.0	142	37097	No
174	GOM_NL__2PRFIN20090404_173006_000000472077_00470_37097_4493.N1	04-APR-2009 17:30:06	Bright	46.500	144	18Del Cyg	2.8600	11000.	93	37097	No
175	GOM_NL__2PRFIN20090404_173208_000000652077_00470_37097_4494.N1	04-APR-2009 17:32:08	Bright	65.000	66	37Gam Cyg	2.2080	5900.0	130	37097	No
176	GOM_NL__2PRFIN20090404_173416_000000612077_00470_37097_4495.N1	04-APR-2009 17:34:16	Bright	61.000	92	53Eps Cyg	2.5000	4500.0	122	37097	No
177	GOM_NL__2PRFIN20090404_175943_000000592077_00470_37097_4496.N1	04-APR-2009 17:59:43	Dark	58.500	57	34Sig Sgr	2.0660	26000.	117	37097	No
178	GOM_NL__2PRFIN20090404_180312_000000582077_00471_37098_4498.N1	04-APR-2009 18:03:12	Dark	57.500	38	20Eps Sgr	1.8360	11000.	115	37098	No
179	GOM_NL__2PRFIN20090404_180726_000000612077_00471_37098_4499.N1	04-APR-2009 18:07:26	Dark	60.500	25	35Lam Sco	1.6200	28000.	121	37098	No
180	GOM_NL__2PRFIN20090404_181445_000000502077_00471_37098_4500.N1	04-APR-2009 18:14:45	Straylight	49.500	131	Gam Lup	2.8000	26000.	99	37098	No
181	GOM_NL__2PRFIN20090404_181700_000000442077_00471_37098_4501.N1	04-APR-2009 18:17:00	Straylight	44.000	81	Eta Cen	2.3560	28000.	88	37098	No
182	GOM_NL__2PRFIN20090404_181939_000000512077_00471_37098_4502.N1	04-APR-2009 18:19:39	Straylight	50.500	54	5The Cen	2.0550	4500.0	101	37098	No
183	GOM_NL__2PRFIN20090404_182454_000000482077_00471_37098_4503.N1	04-APR-2009 18:24:54	Tw_i_and_stray	48.000	169	46Gam Hya	2.9910	4700.0	96	37098	No
184	GOM_NL__2PRFIN20090404_182859_000000622077_00471_37098_4504.N1	04-APR-2009 18:28:59	Bright	62.000	15	67Alp Vir	0.97600	28000.	124	37098	No
185	GOM_NL__2PRFIN20090404_183209_000000412077_00471_37098_4505.N1	04-APR-2009 18:32:09	Bright	41.000	121	29Gam Vir	2.7400	7200.0	82	37098	No
186	GOM_NL__2PRFIN20090404_183631_000000462077_00471_37098_4506.N1	04-APR-2009 18:36:31	Bright	45.500	138	47Eps Vir	2.8280	4700.0	91	37098	No
187	GOM_NL__2PRFIN20090404_184500_000000422077_00471_37098_4507.N1	04-APR-2009 18:45:00	Bright	42.000	152	12Alp2CVn	2.8900	11000.	84	37098	No
188	GOM_NL__2PRFIN20090404_185021_000000432077_00471_37098_4508.N1	04-APR-2009 18:50:21	Bright	42.500	55	79Zet UMa	2.0600	10200.	85	37098	No
189	GOM_NL__2PRFIN20090404_185842_000000462077_00471_37098_4509.N1	04-APR-2009 18:58:42	Bright	46.000	119	14Eta Dra	2.7270	4700.0	92	37098	No
190	GOM_NL__2PRFIN20090404_191042_000000712077_00471_37098_4510.N1	04-APR-2009 19:10:42	Bright	71.000	144	18Del Cyg	2.8600	11000.	142	37098	No
191	GOM_NL__2PRFIN20090404_191243_000000462077_00471_37098_4511.N1	04-APR-2009 19:12:43	Bright	45.500	66	37Gam Cyg	2.2080	5900.0	91	37098	No
192	GOM_NL__2PRFIN20090404_191452_000000592077_00471_37098_4512.N1	04-APR-2009 19:14:52	Bright	58.500	92	53Eps Cyg	2.5000	4500.0	117	37098	No
193	GOM_NL__2PRFIN20090404_194020_000000612077_00471_37098_4513.N1	04-APR-2009 19:40:20	Dark	60.500	57	34Sig Sgr	2.0660	26000.	121	37098	No
194	GOM_NL__2PRFIN20090404_194350_000000572077_00472_37099_4513.N1	04-APR-2009 19:43:50	Dark	57.000	38	20Eps Sgr	1.8360	11000.	114	37099	No
195	GOM_NL__2PRFIN20090404_194804_000000572077_00472_37099_4514.N1	04-APR-2009 19:48:04	Dark	56.500	25	35Lam Sco	1.6200	28000.	113	37099	No
196	GOM_NL__2PRFIN20090404_195522_000000492077_00472_37099_4515.N1	04-APR-2009 19:55:22	Straylight	48.500	131	Gam Lup	2.8000	26000.	97	37099	No
197	GOM_NL__2PRFIN20090404_195737_000000482077_00472_37099_4516.N1	04-APR-2009 19:57:37	Straylight	47.500	81	Eta Cen	2.3560	28000.	95	37099	No
198	GOM_NL__2PRFIN20090404_200015_000000532077_00472_37099_4517.N1	04-APR-2009 20:00:15	Straylight	53.000	54	5The Cen	2.0550	4500.0	106	37099	No
199	GOM_NL__2PRFIN20090404_200530_000000512077_00472_37099_4518.N1	04-APR-2009 20:05:30	Tw_i_and_stray	50.500	169	46Gam Hya	2.9910	4700.0	101	37099	No
200	GOM_NL__2PRFIN20090404_200935_000000622077_00472_37099_4519.N1	04-APR-2009 20:09:35	Bright	61.500	15	67Alp Vir	0.97600	28000.	123	37099	No
201	GOM_NL__2PRFIN20090404_201246_000000422077_00472_37099_4520.N1	04-APR-2009 20:12:46	Bright	41.500	121	29Gam Vir	2.7400	7200.0	83	37099	No
202	GOM_NL__2PRFIN20090404_201707_000000462077_00472_37099_4521.N1	04-APR-2009 20:17:07	Bright	45.500	138	47Eps Vir	2.8280	4700.0	91	37099	No
203	GOM_NL__2PRFIN20090404_202535_000000412077_00472_37099_4522.N1	04-APR-2009 20:25:35	Bright	40.500	152	12Alp2CVn	2.8900	11000.	81	37099	No
204	GOM_NL__2PRFIN20090404_203056_000000452077_00472_37099_4523.N1	04-APR-2009 20:30:56	Bright	44.500	55	79Zet UMa	2.0600	10200.	89	37099	No
205	GOM_NL__2PRFIN20090404_203917_000000442077_00472_37099_4524.N1	04-APR-2009 20:39:17	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	37099	No
206	GOM_NL__2PRFIN20090404_205117_000000482077_00472_37099_4525.N1	04-APR-2009 20:51:17	Bright	47.500	144	18Del Cyg	2.8600	11000.	95	37099	No
207	GOM_NL__2PRFIN20090404_205319_000000472077_00472_37099_4526.N1	04-APR-2009 20:53:19	Bright	46.500	66	37Gam Cyg	2.2080	5900.0	93	37099	No
208	GOM_NL__2PRFIN20090404_205528_000000452077_00472_37099_4527.N1	04-APR-2009 20:55:28	Bright	44.500	92	53Eps Cyg	2.5000	4500.0	89	37099	No
209	GOM_NL__2PRFIN20090404_212058_000000582077_00472_37099_4528.N1	04-APR-2009 21:20:58	Dark	57.500	57	34Sig Sgr	2.0660	26000.	115	37099	No
210	GOM_NL__2PRFIN20090404_212427_000000572077_00473_37100_4527.N1	04-APR-2009 21:24:27	Dark	57.000	38	20Eps Sgr	1.8360	11000.	114	37100	No
211	GOM_NL__2PRFIN20090404_212841_000000592077_00473_37100_4528.N1	04-APR-2009 21:28:41	Dark	59.000	25	35Lam Sco	1.6200	28000.	118	37100	No
212	GOM_NL__2PRFIN20090404_213559_000000512077_00473_37100_4529.N1	04-APR-2009 21:35:59	Straylight	50.500	131	Gam Lup	2.8000	26000.	101	37100	No
213	GOM_NL__2PRFIN20090404_213813_000000502077_00473_37100_4530.N1	04-APR-2009 21:38:13	Straylight	50.000	81	Eta Cen	2.3560	28000.	100	37100	No
214	GOM_NL__2PRFIN20090404_214051_000000512077_00473_37100_4531.N1	04-APR-2009 21:40:51	Straylight	50.500	54	5The Cen	2.0550	4500.0	101	37100	No
215	GOM_NL__2PRFIN20090404_214606_000000482077_00473_37100_4532.N1	04-APR-2009 21:46:06	Tw_i_and_stray	48.000	169	46Gam Hya	2.9910	4700.0	96	37100	No
216	GOM_NL__2PRFIN20090404_215011_000000602077_00473_37100_4533.N1	04-APR-2009 21:50:11	Bright	59.500	15	67Alp Vir	0.97600	28000.	119	37100	No
217	GOM_NL__2PRFIN20090404_215321_000000432077_00473_37100_4534.N1	04-APR-2009 21:53:21	Bright	42.500	121	29Gam Vir	2.7400	7200.0	85	37100	No
218	GOM_NL__2PRFIN20090404_215742_000000452077_00473_37100_4535.N1	04-APR-2009 21:57:42	Bright	45.000	138	47Eps Vir	2.8280	4700.0	90	37100	No
219	GOM_NL__2PRFIN20090404_220610_000000432077_00473_37100_4536.N1	04-APR-2009 22:06:10	Bright	42.500	152	12Alp2CVn	2.8900	11000.	85	37100	No

220	GOM_NL__2PRFIN20090404_221132_000000402077_00473_37100_4537.N1	04-APR-2009 22:11:32	Bright	39.500	55	79Zet UMa	2.0600	10200.	79	37100	No
221	GOM_NL__2PRFIN20090404_221953_000000712077_00473_37100_4538.N1	04-APR-2009 22:19:53	Bright	71.000	119	14Eta Dra	2.7270	4700.0	142	37100	No
222	GOM_NL__2PRFIN20090404_223153_000000472077_00473_37100_4539.N1	04-APR-2009 22:31:53	Bright	47.000	144	18Del Cyg	2.8600	11000.	94	37100	No
223	GOM_NL__2PRFIN20090404_223355_000000462077_00473_37100_4540.N1	04-APR-2009 22:33:55	Bright	46.000	66	37Gam Cyg	2.2080	5900.0	92	37100	No
224	GOM_NL__2PRFIN20090404_223603_000000622077_00473_37100_4541.N1	04-APR-2009 22:36:03	Bright	61.500	92	53Eps Cyg	2.5000	4500.0	123	37100	No
225	GOM_NL__2PRFIN20090404_230504_000000612077_00474_37101_4541.N1	04-APR-2009 23:05:04	Dark	61.000	38	20Eps Sgr	1.8360	11000.	122	37101	No
226	GOM_NL__2PRFIN20090404_230918_000000602077_00474_37101_4542.N1	04-APR-2009 23:09:18	Dark	59.500	25	35Lam Sco	1.6200	28000.	119	37101	No
227	GOM_NL__2PRFIN20090404_231635_000000522077_00474_37101_4543.N1	04-APR-2009 23:16:35	Straylight	52.000	131	Gam Lup	2.8000	26000.	104	37101	No
228	GOM_NL__2PRFIN20090404_231850_000000482077_00474_37101_4544.N1	04-APR-2009 23:18:50	Straylight	48.000	81	Eta Cen	2.3560	28000.	96	37101	No
229	GOM_NL__2PRFIN20090404_232127_000000502077_00474_37101_4545.N1	04-APR-2009 23:21:27	Straylight	49.500	54	5The Cen	2.0550	4500.0	99	37101	No
230	GOM_NL__2PRFIN20090404_232642_000000502077_00474_37101_4546.N1	04-APR-2009 23:26:42	Twilight_and_stray	49.500	169	46Gam Hya	2.9910	4700.0	99	37101	No
231	GOM_NL__2PRFIN20090404_233046_000000662077_00474_37101_4547.N1	04-APR-2009 23:30:46	Bright	66.000	15	67Alp Vir	0.97600	28000.	132	37101	No
232	GOM_NL__2PRFIN20090404_233357_000000422077_00474_37101_4548.N1	04-APR-2009 23:33:57	Bright	42.000	121	29Gam Vir	2.7400	7200.0	84	37101	No
233	GOM_NL__2PRFIN20090404_233817_000000652077_00474_37101_4549.N1	04-APR-2009 23:38:17	Bright	65.000	138	47Eps Vir	2.8280	4700.0	130	37101	No
234	GOM_NL__2PRFIN20090404_234646_000000452077_00474_37101_4550.N1	04-APR-2009 23:46:46	Bright	44.500	152	12Alp2CVn	2.8900	11000.	89	37101	No
235	GOM_NL__2PRFIN20090404_235207_000000412077_00474_37101_4551.N1	04-APR-2009 23:52:07	Bright	40.500	55	79Zet UMa	2.0600	10200.	81	37101	No

### 3. Quality information per product

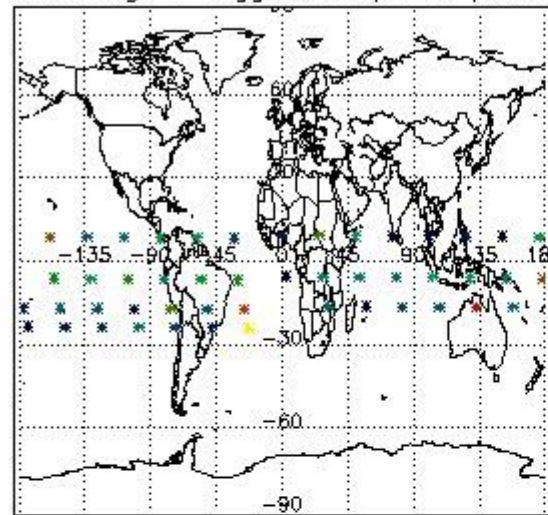
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

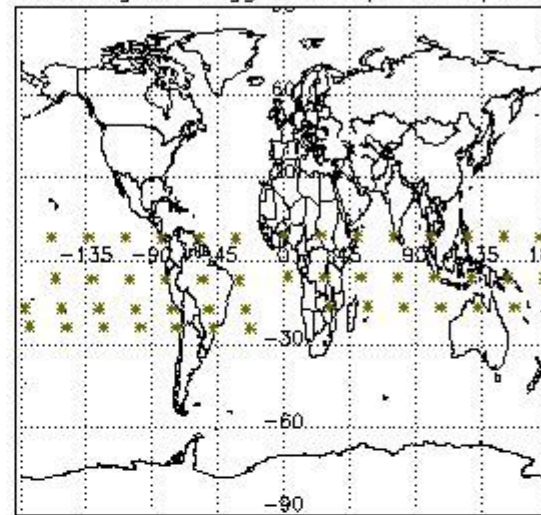


### 3.2 Plot quality information per product (world map)

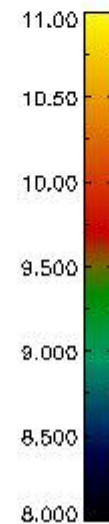
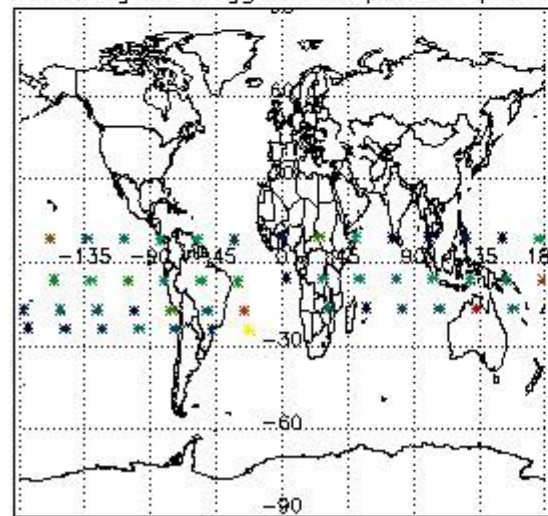
Percentage of flagged data per O3 profile



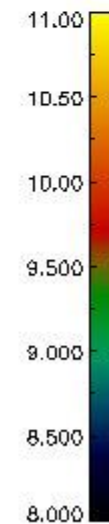
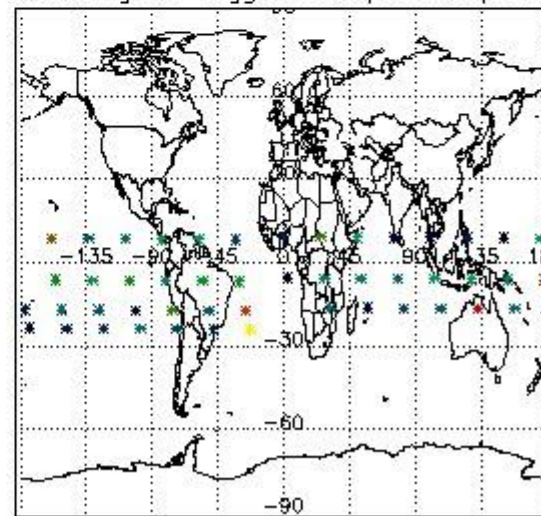
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



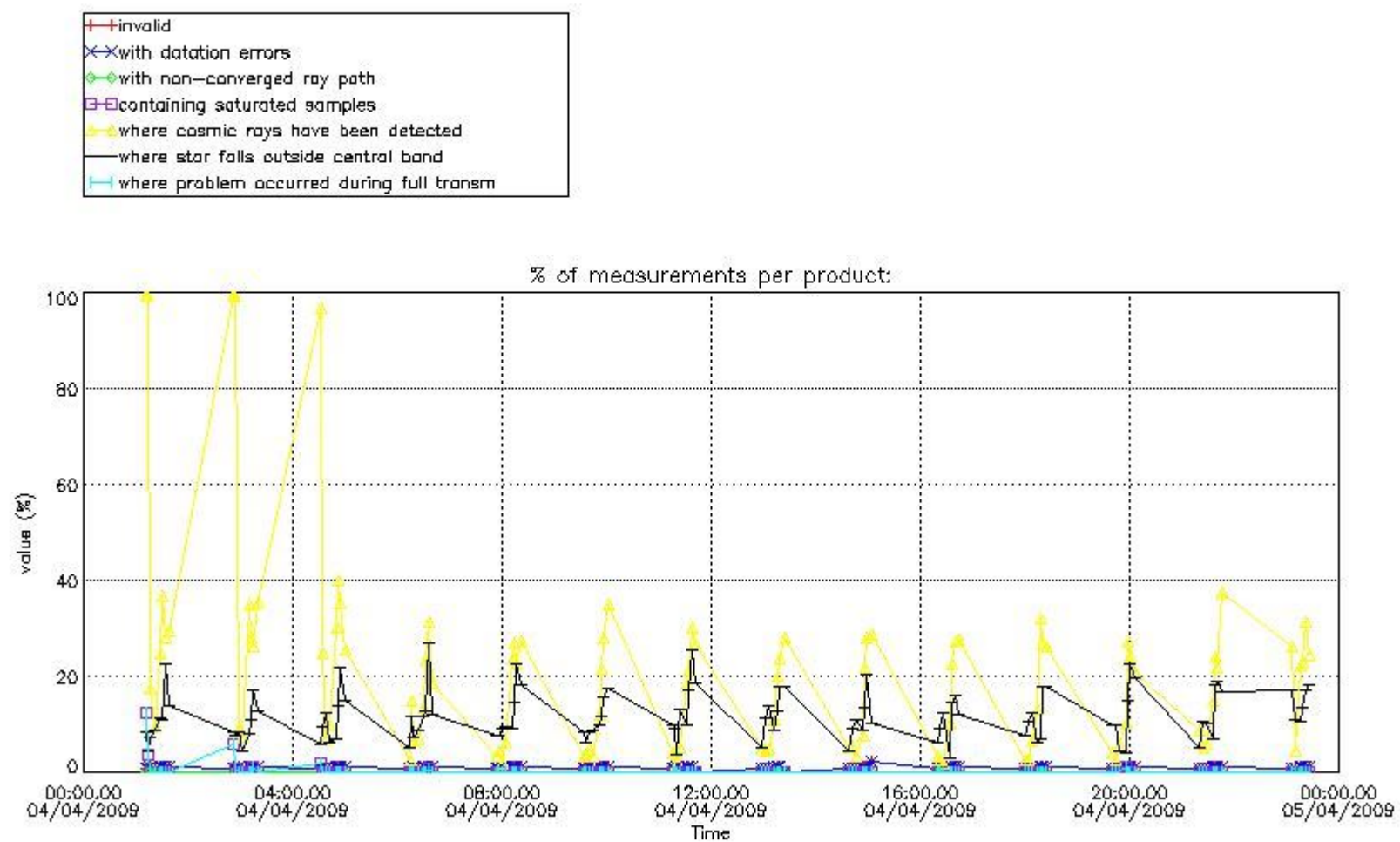
### 4. Level 1 quality information per product

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

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

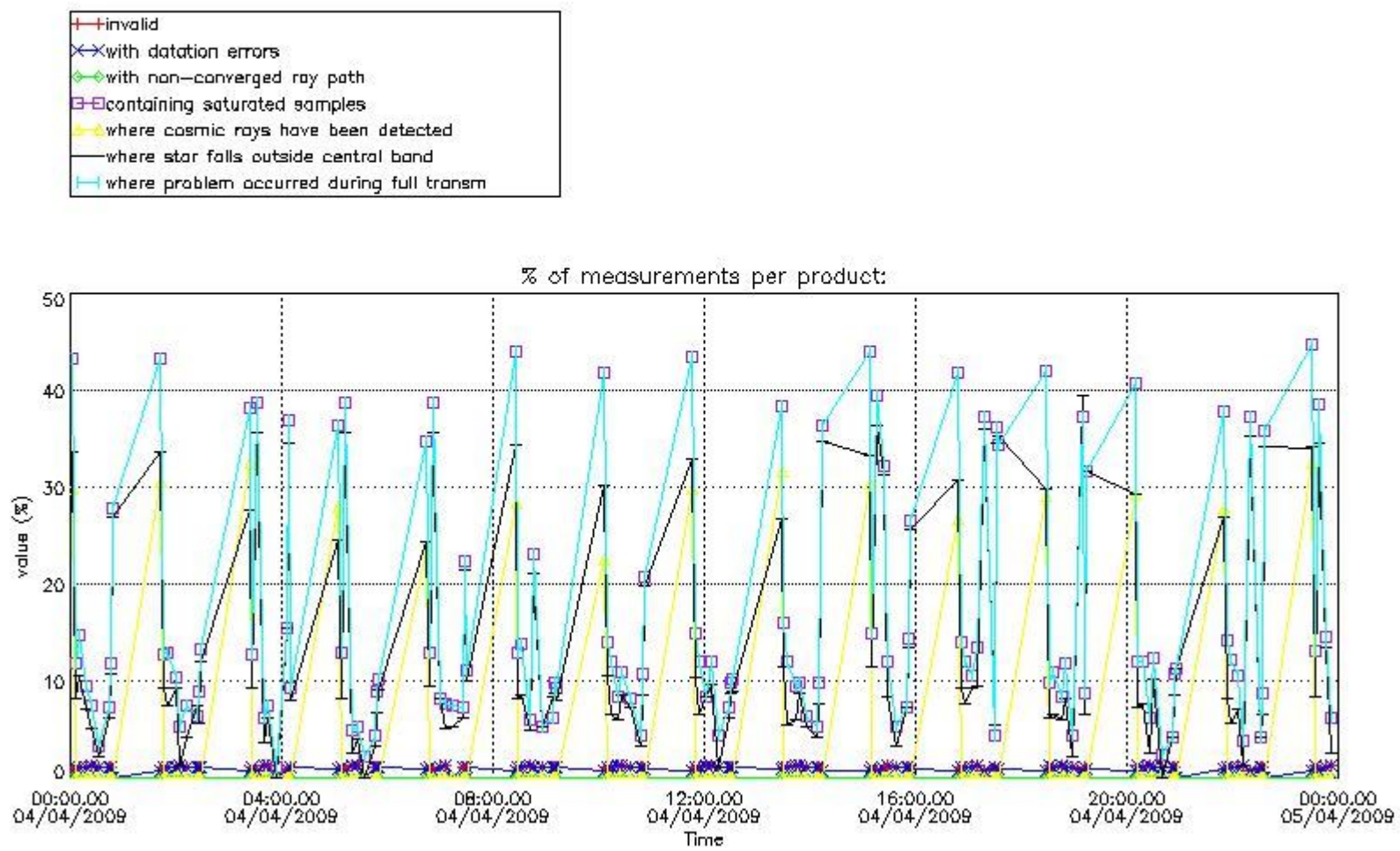
##### 4.1.1 Plot level 1 quality information per product (time dependant): ENVISAT ASCENDING passes





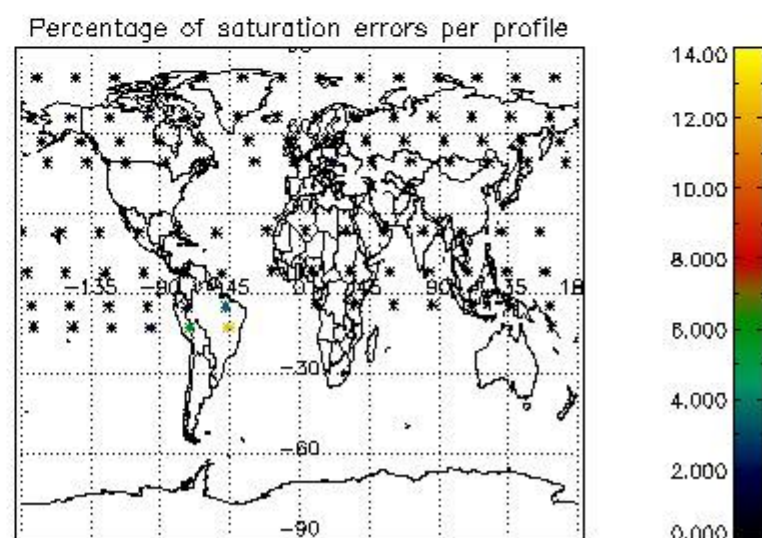
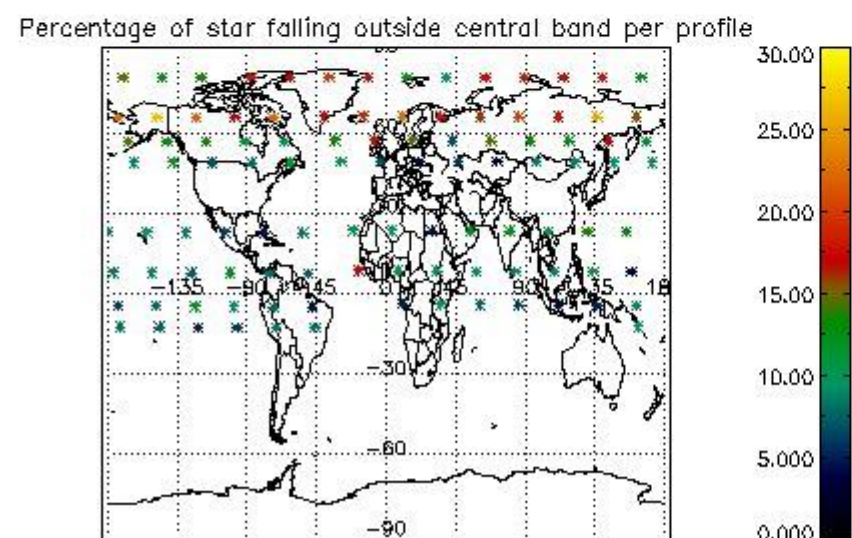
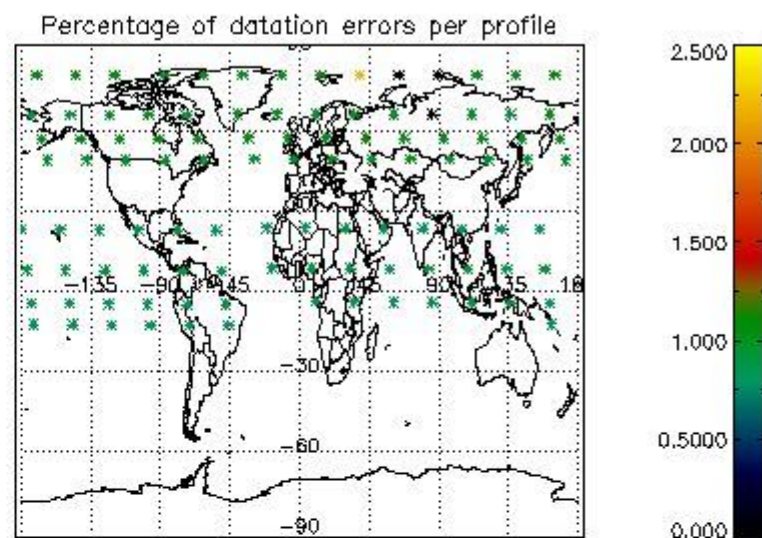
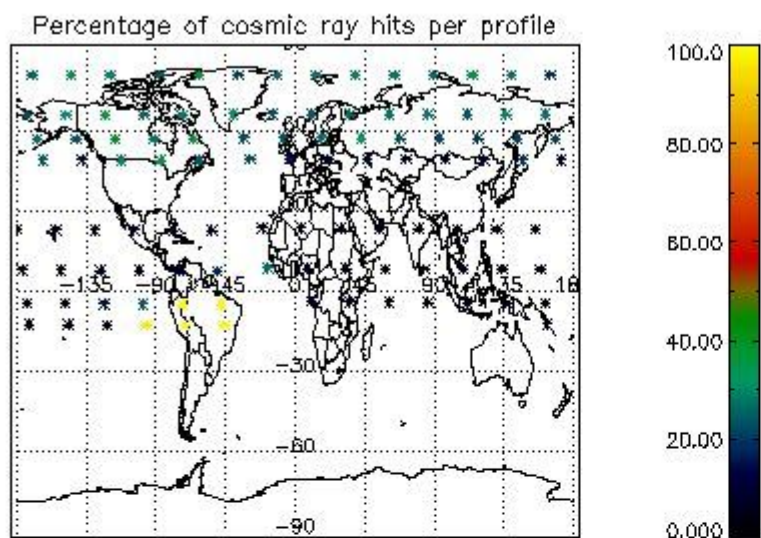
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes





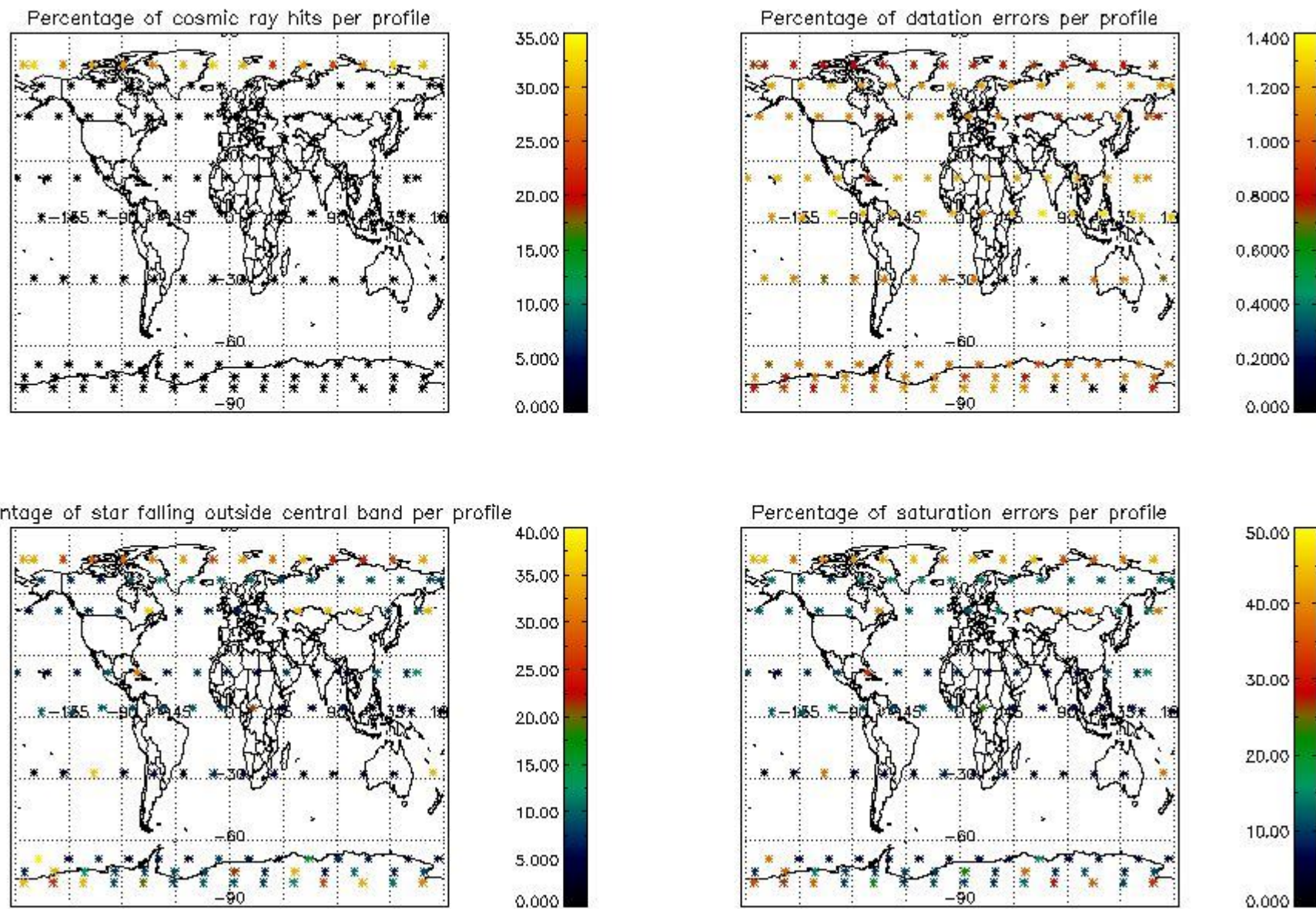
4.2 Plot quality information per product coming from level 1b processing (world map)

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



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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

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

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

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

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

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

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

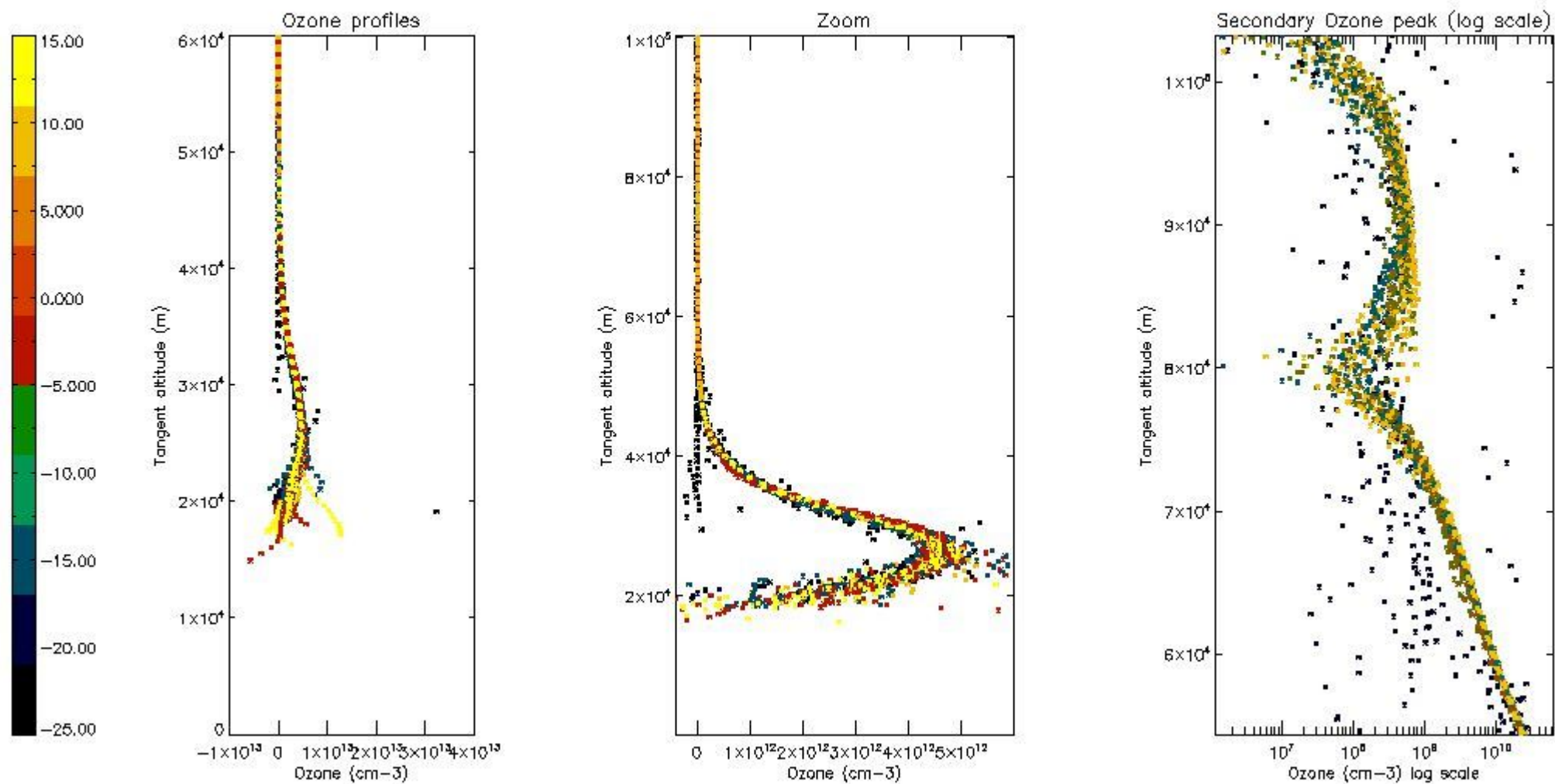
Criteria	% of total production
All STD	25
STD < 20	16



STD < 10	14
STD < 5	11

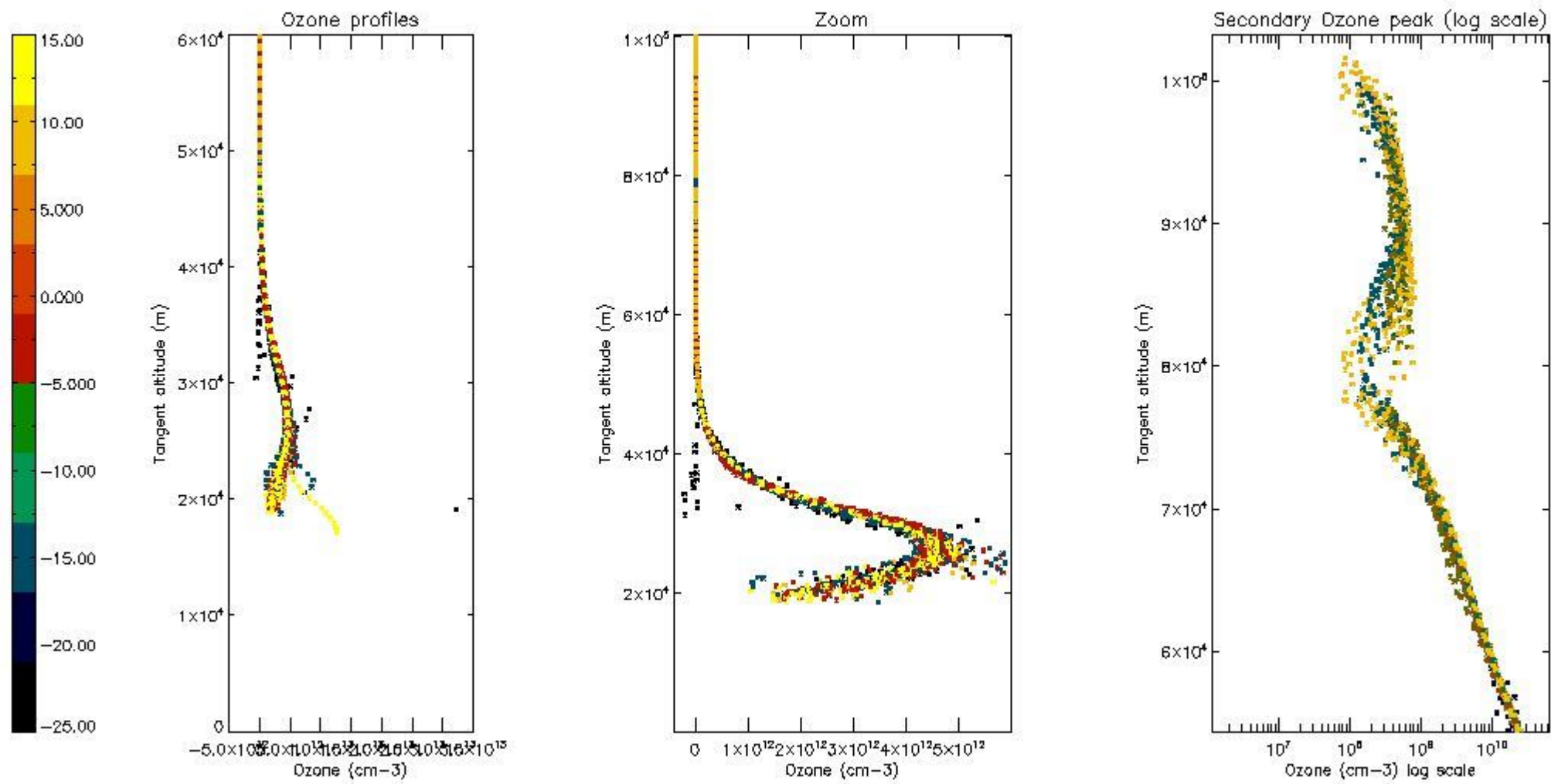
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



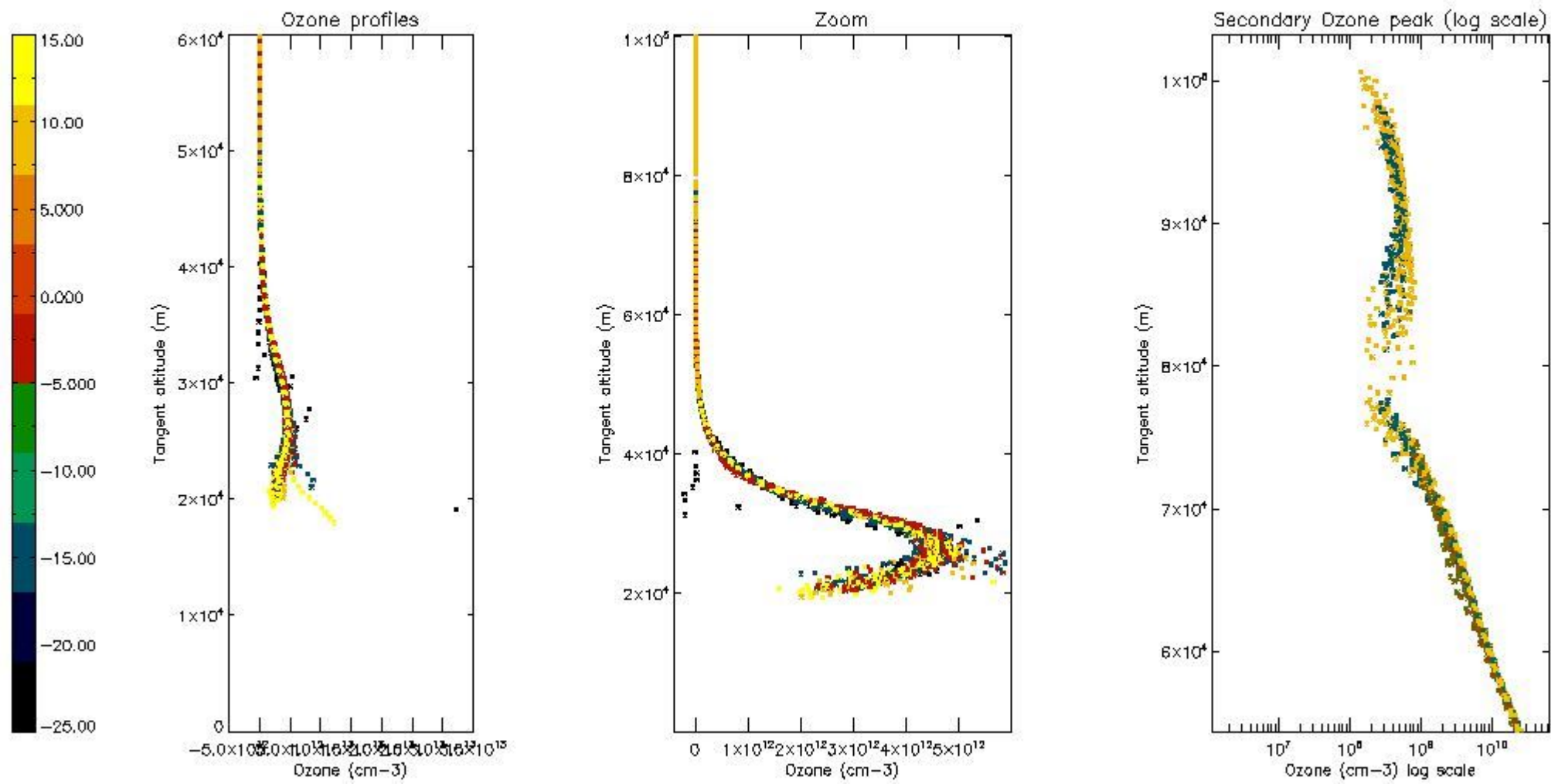
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



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

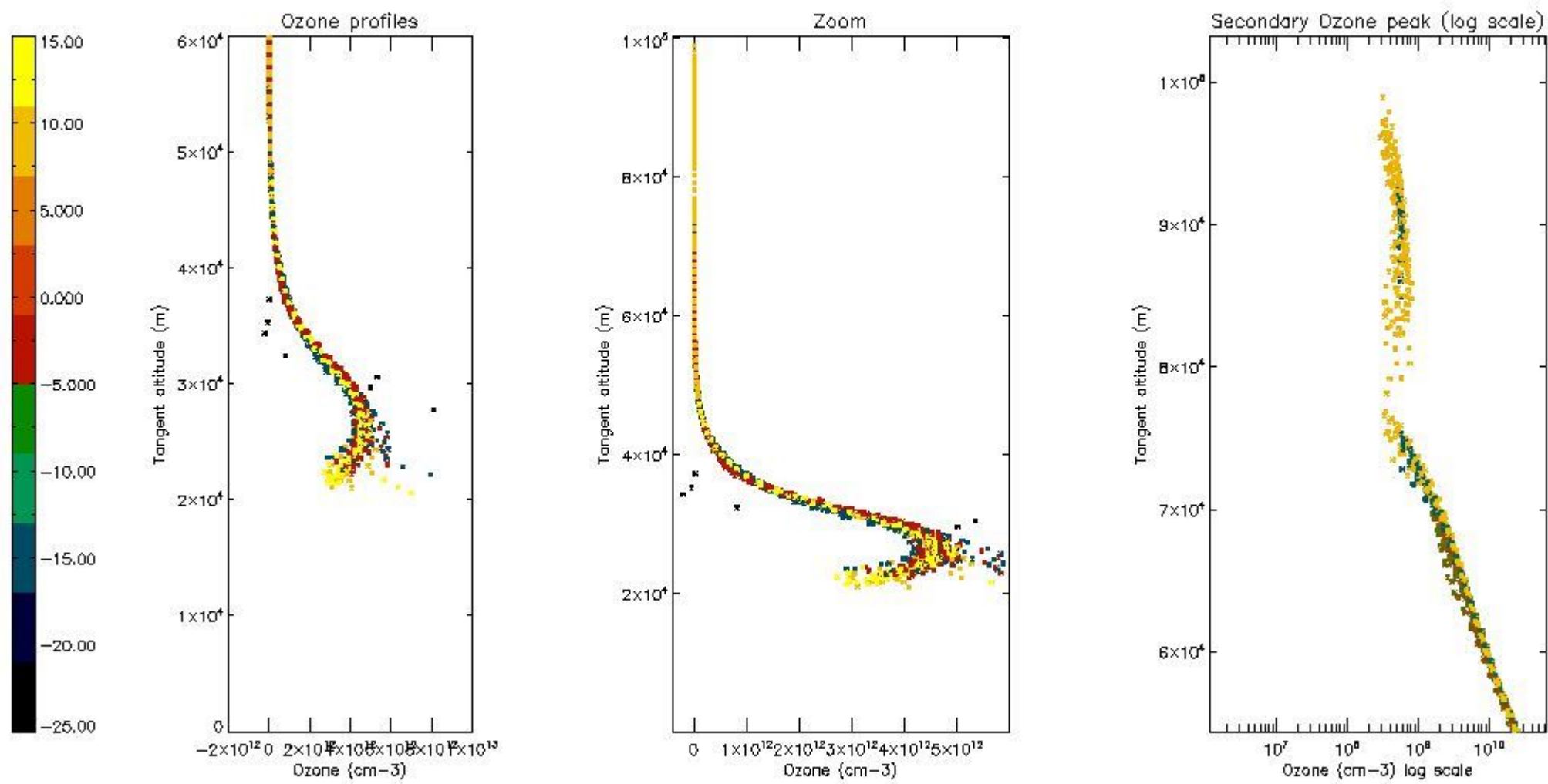
The colorbar represents the latitude.



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

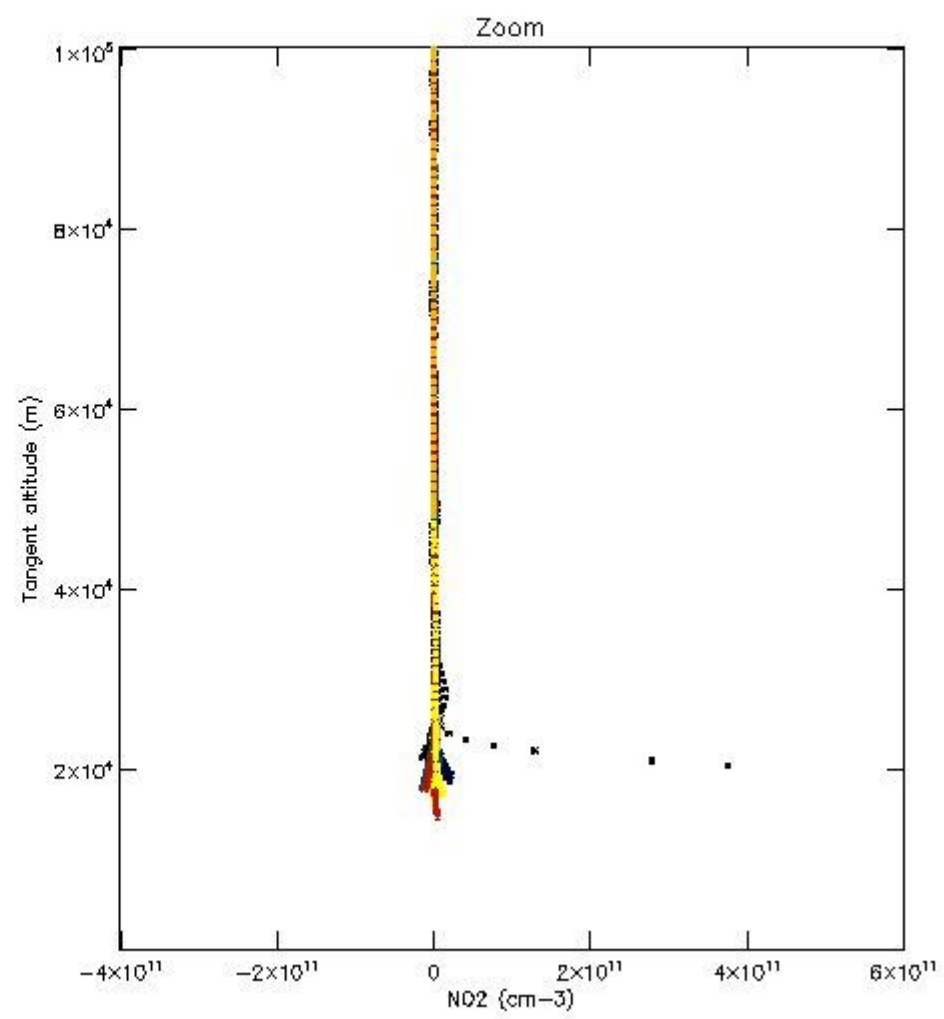
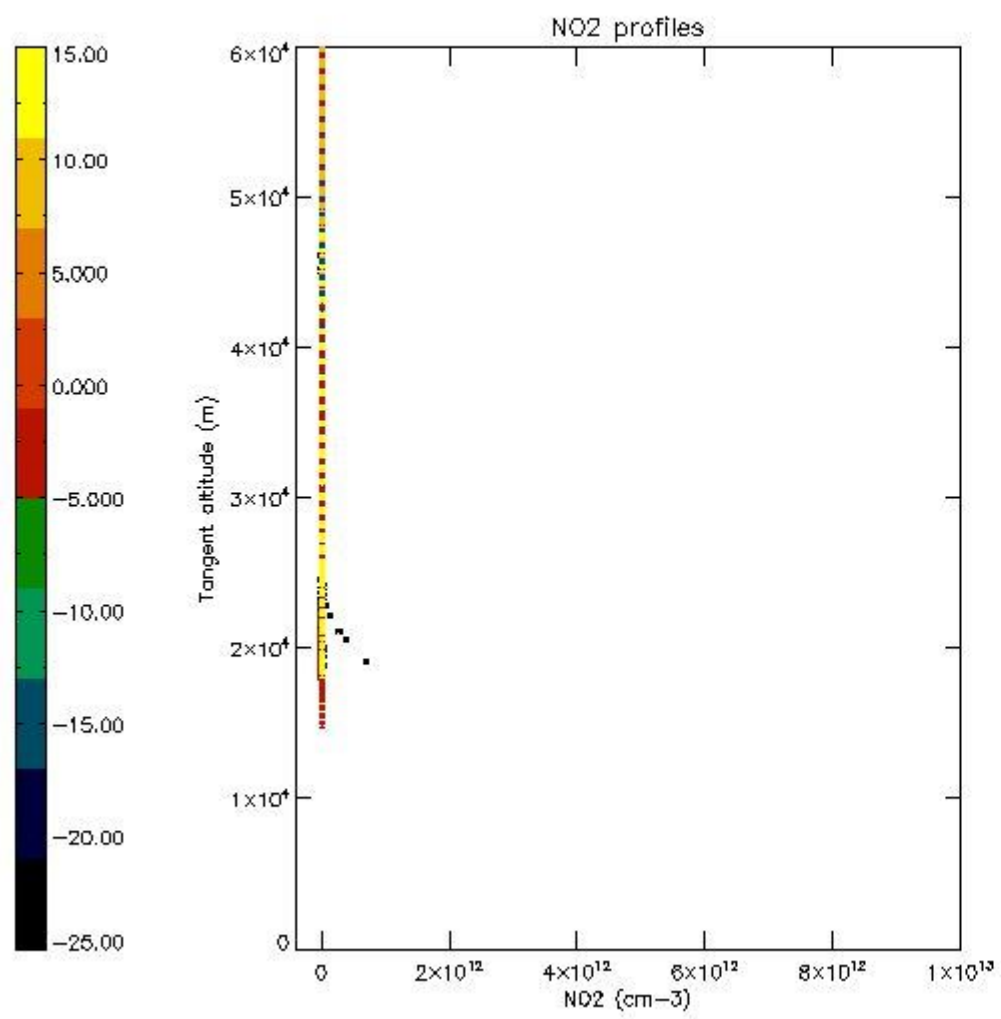
The colorbar represents the latitude.





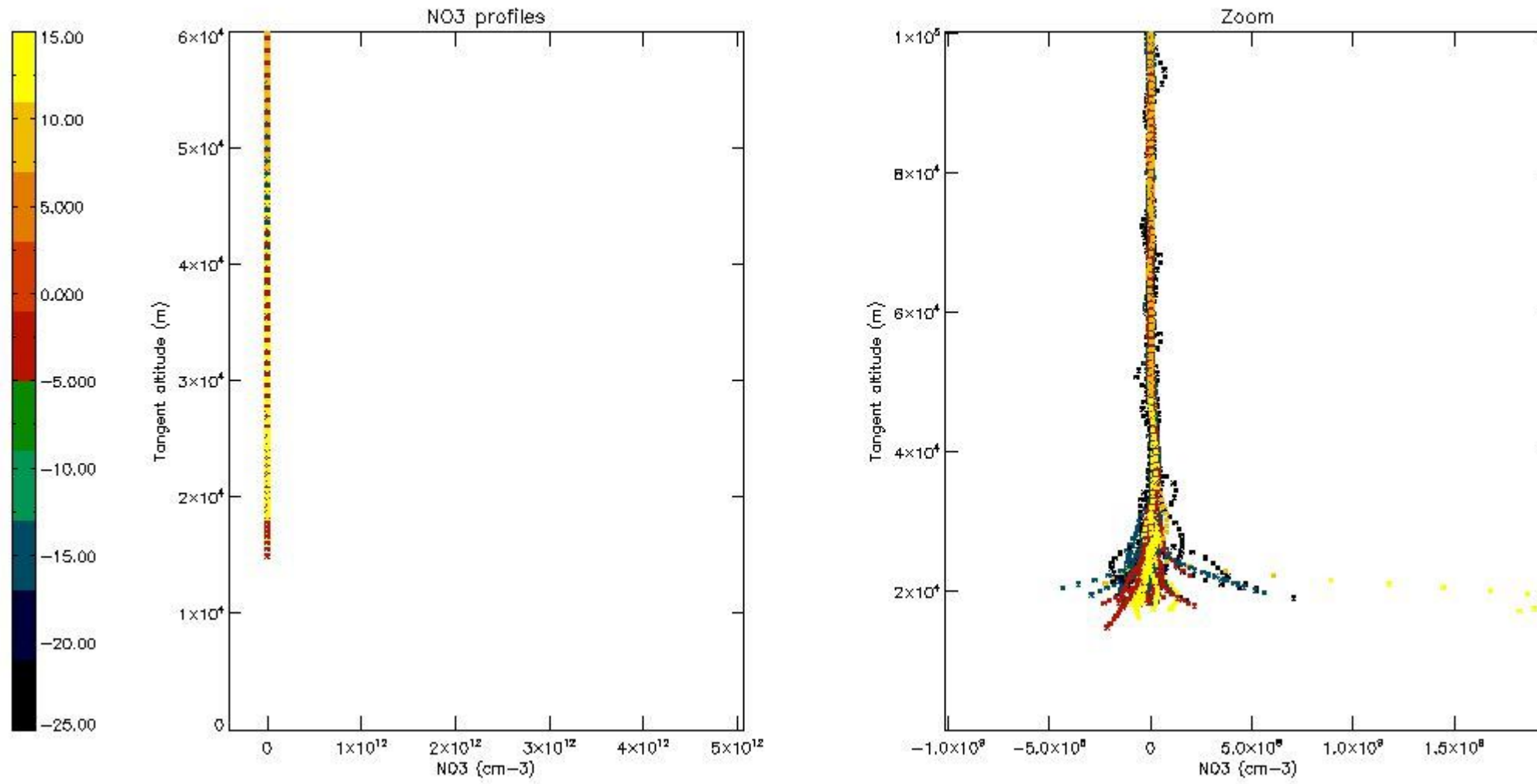
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

The colorbar represents the latitude.

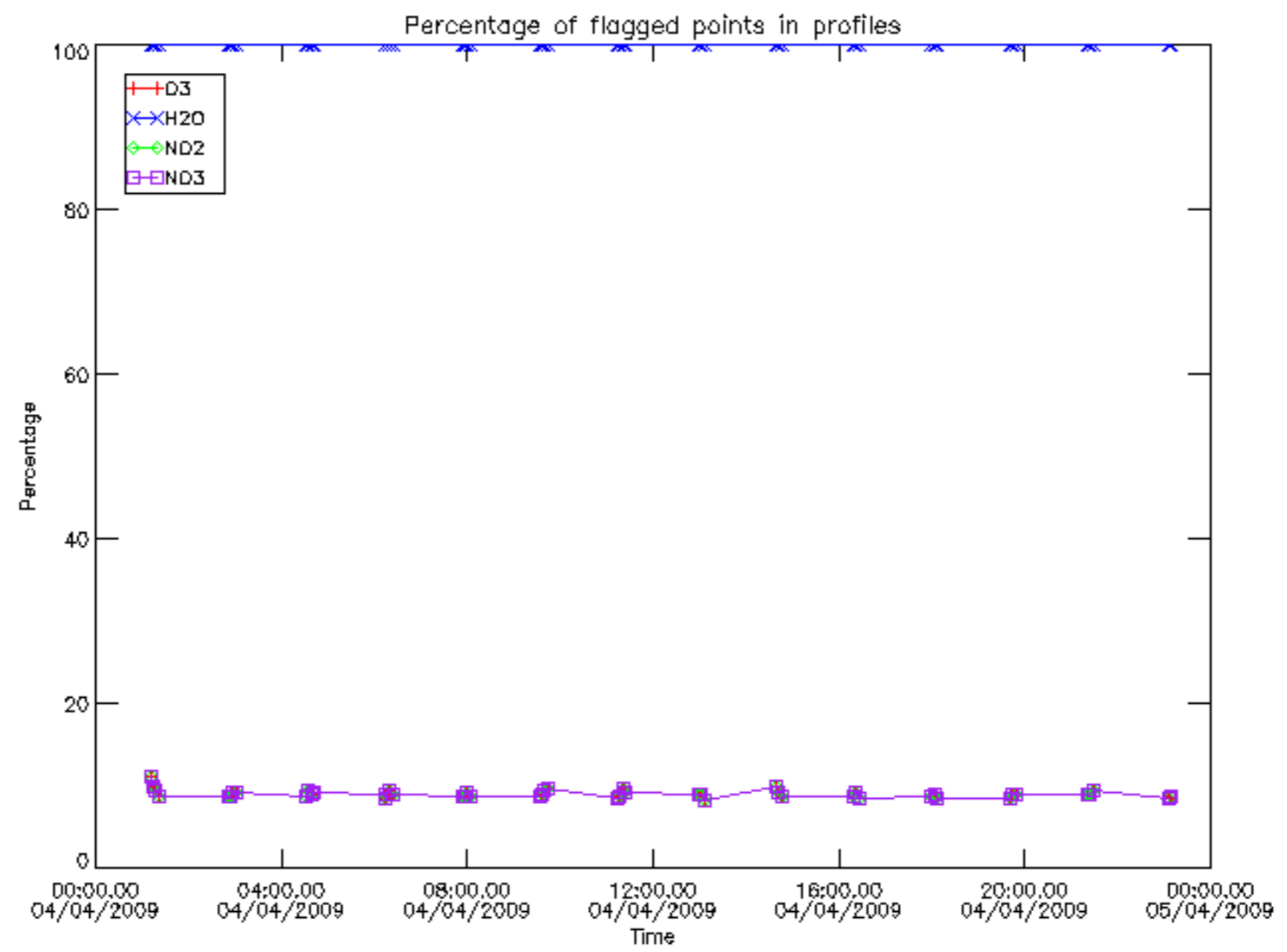


## 6. Auxiliary Data Files used for the production reported in section 2

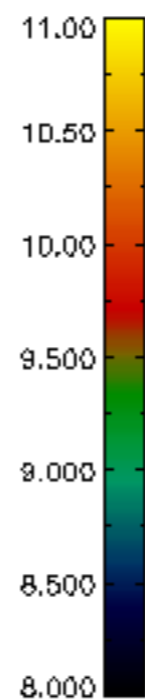
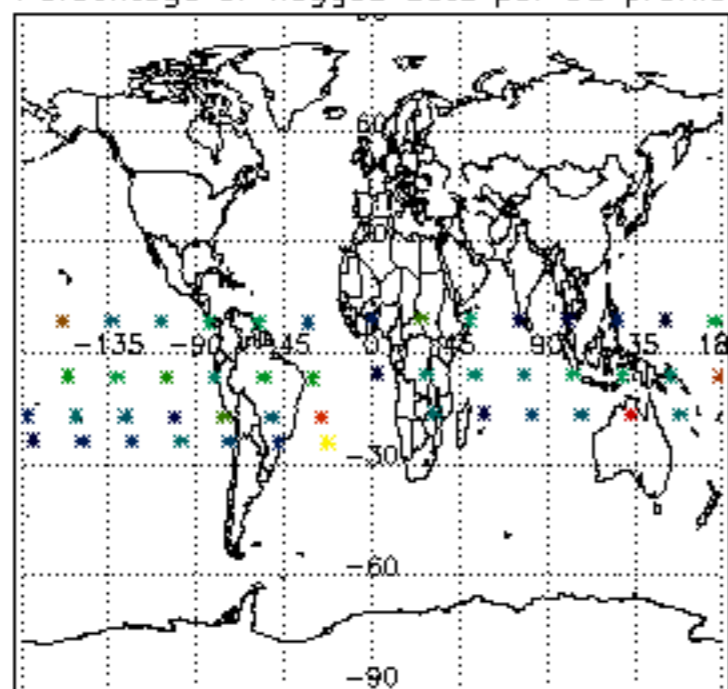
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	04-APR-2009 00:02:24
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	04-APR-2009 00:02:24
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	04-APR-2009 00:02:24

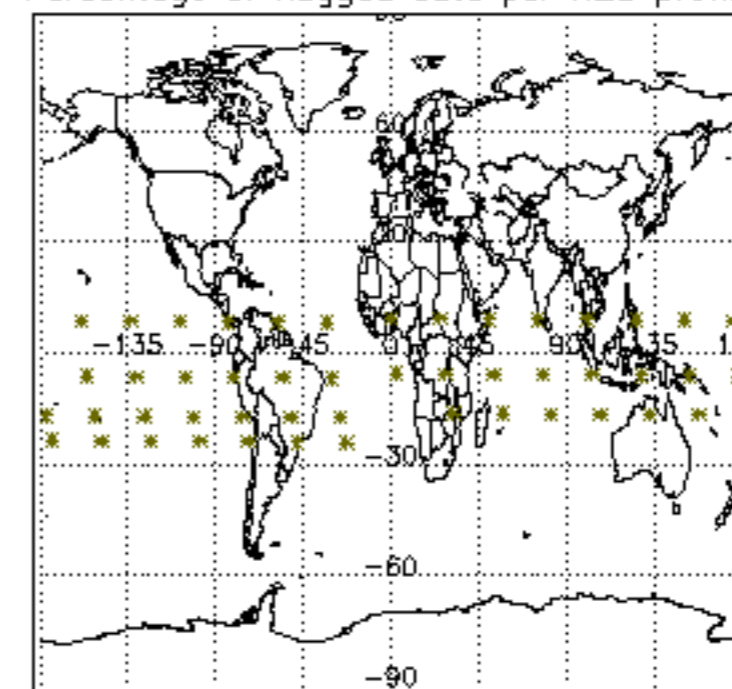




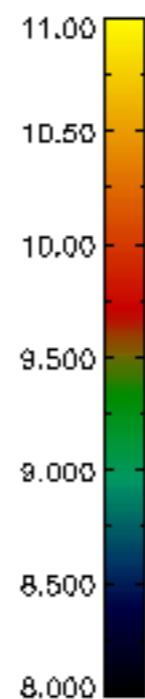
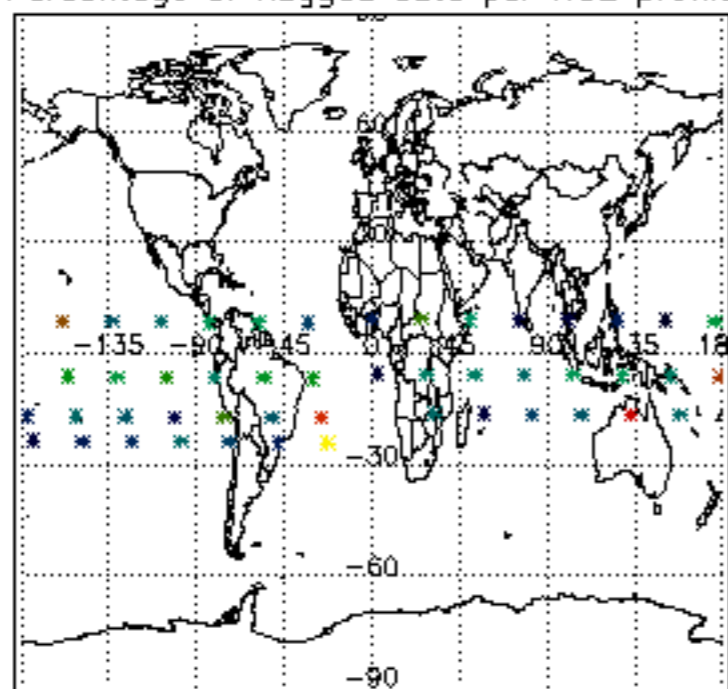
Percentage of flagged data per D3 profile



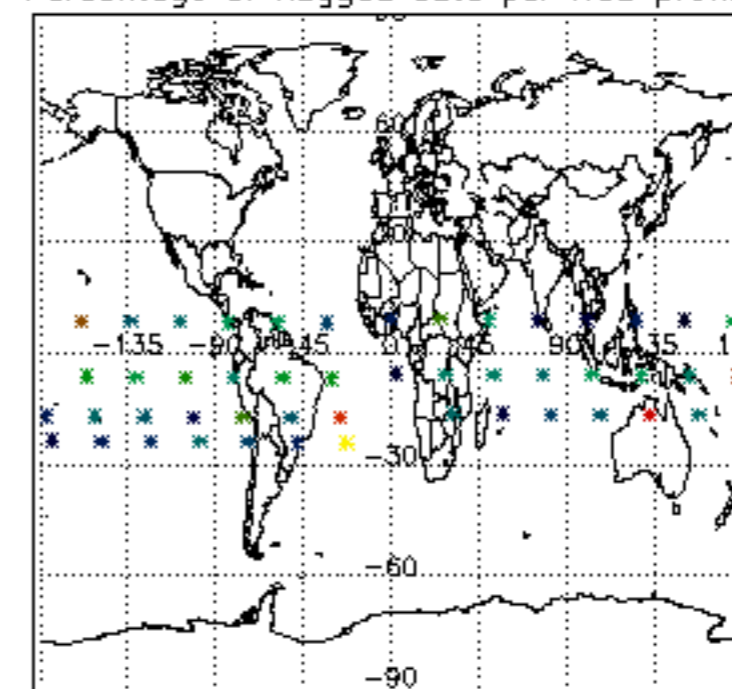
Percentage of flagged data per H2O profile

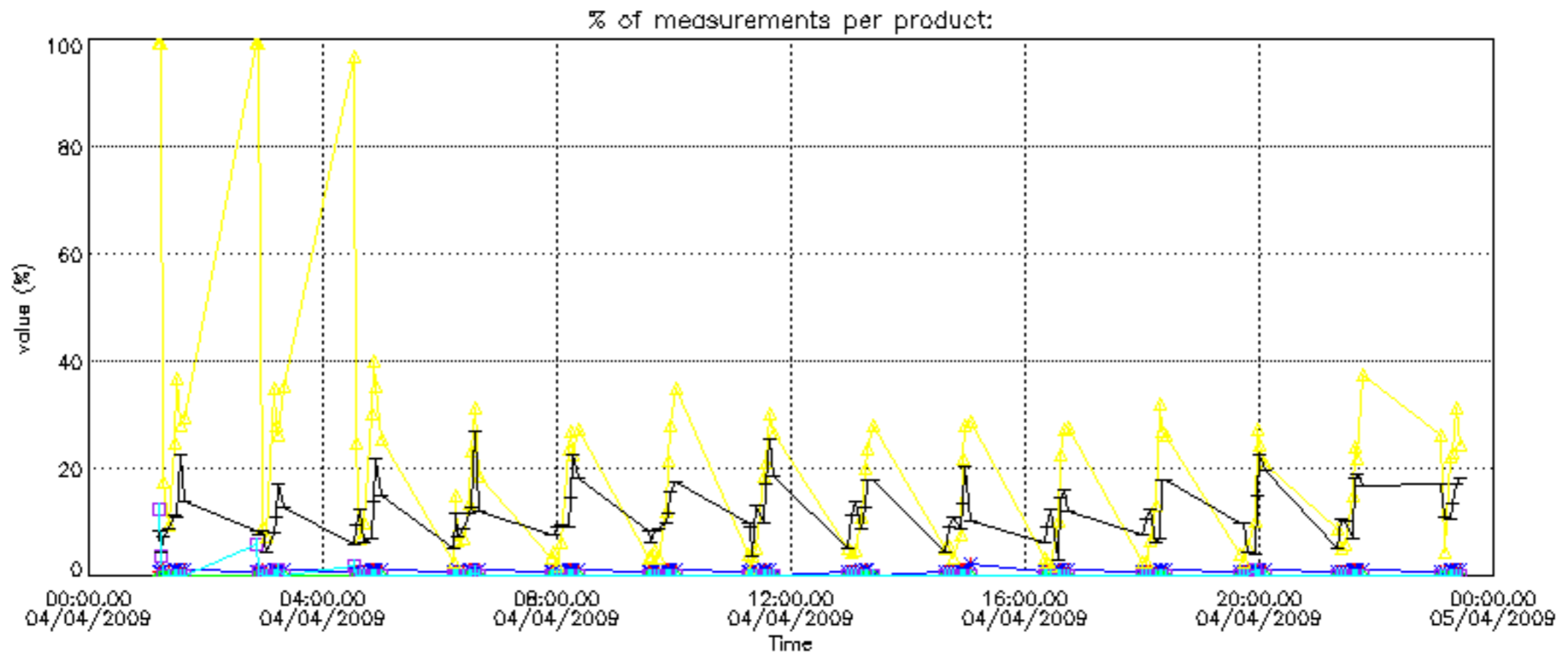


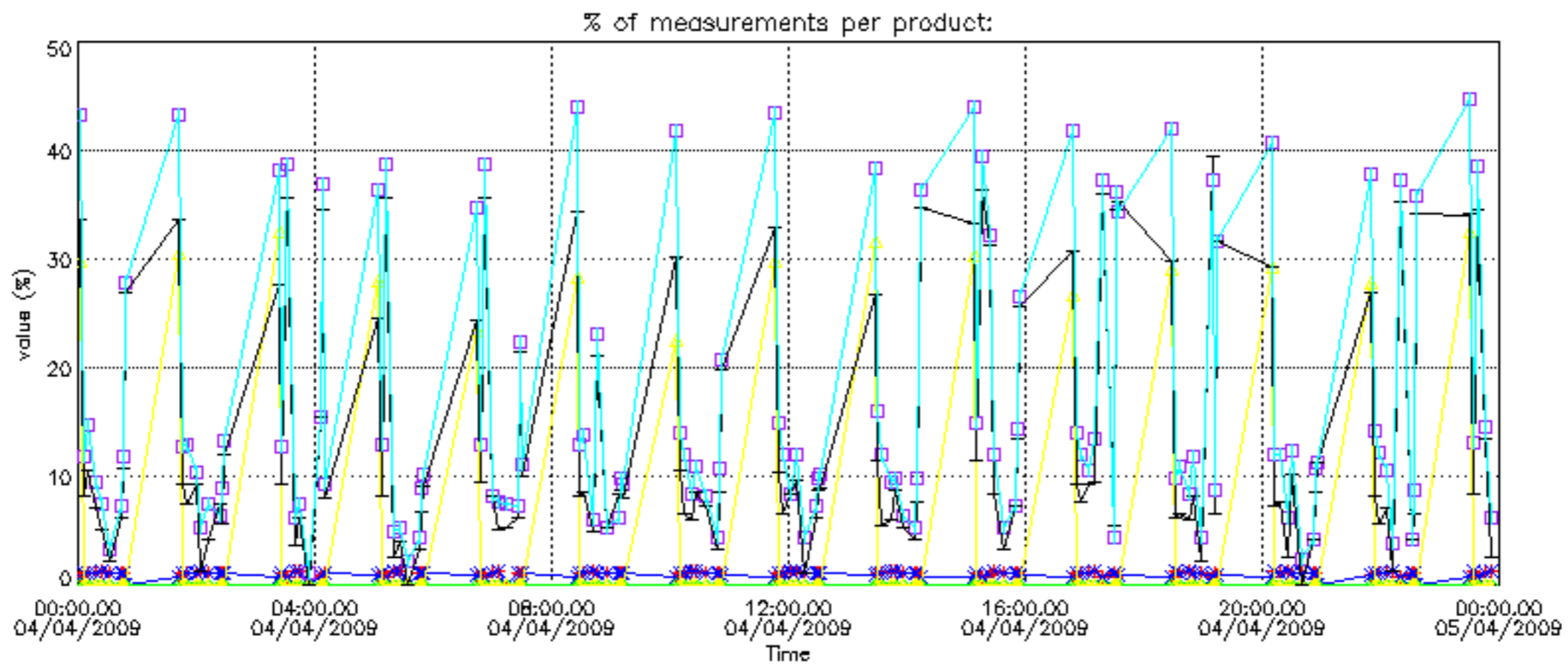
Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

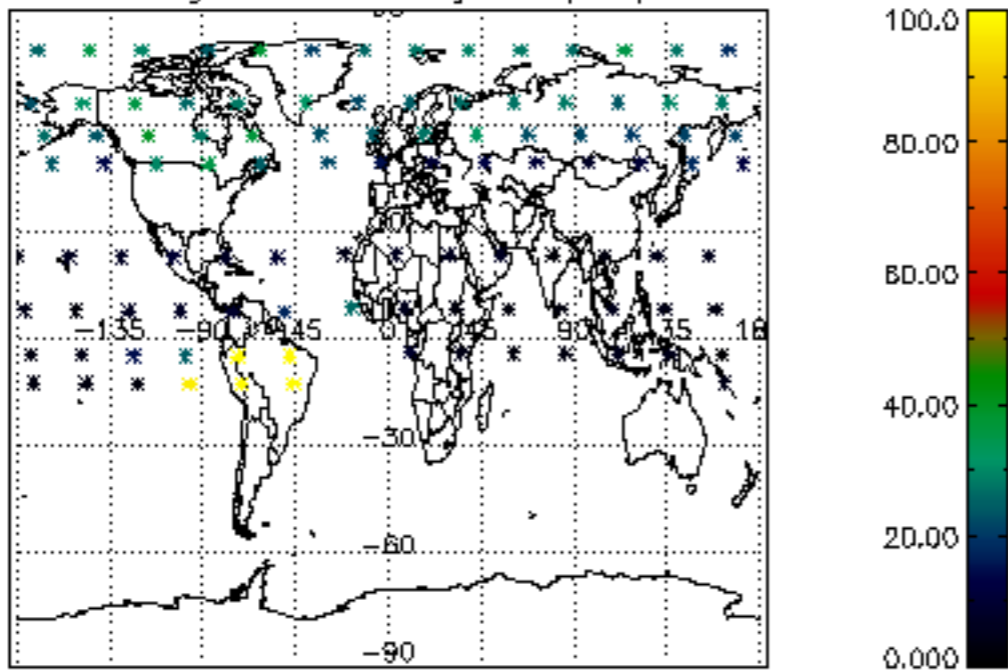




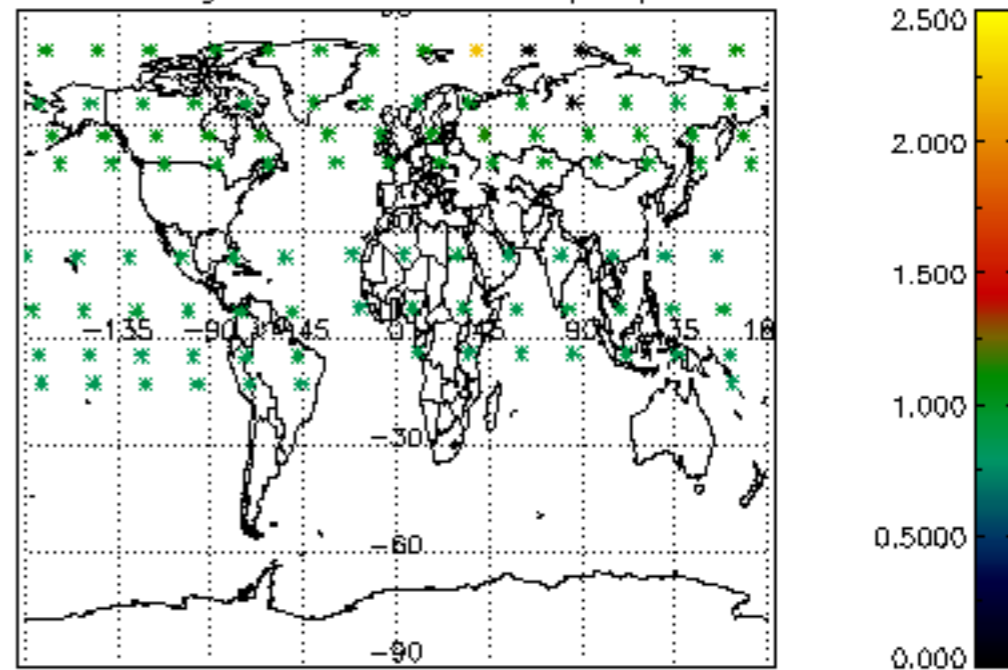




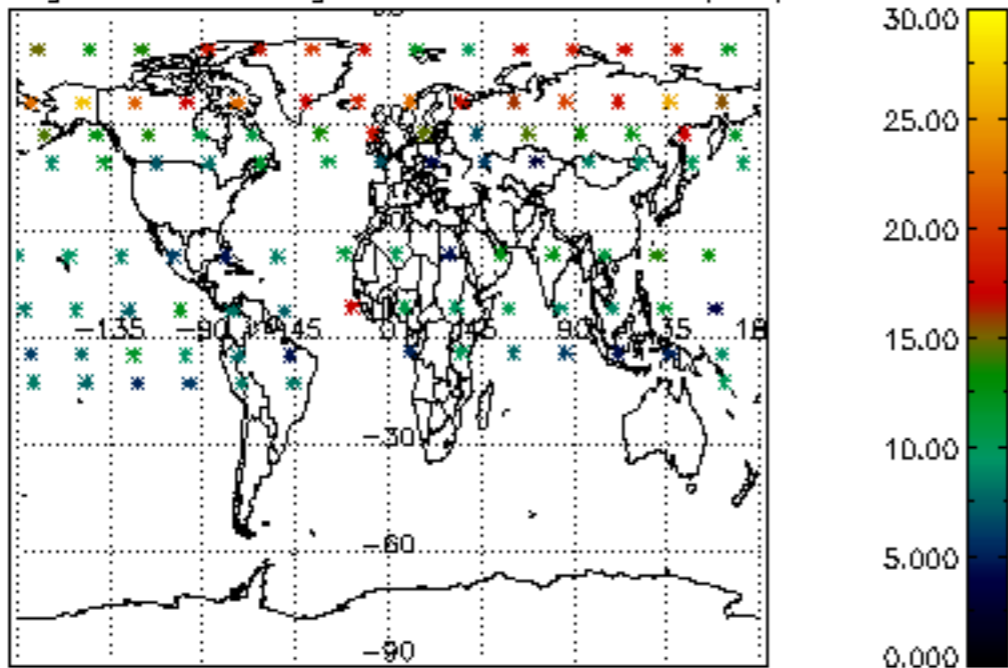
Percentage of cosmic ray hits per profile



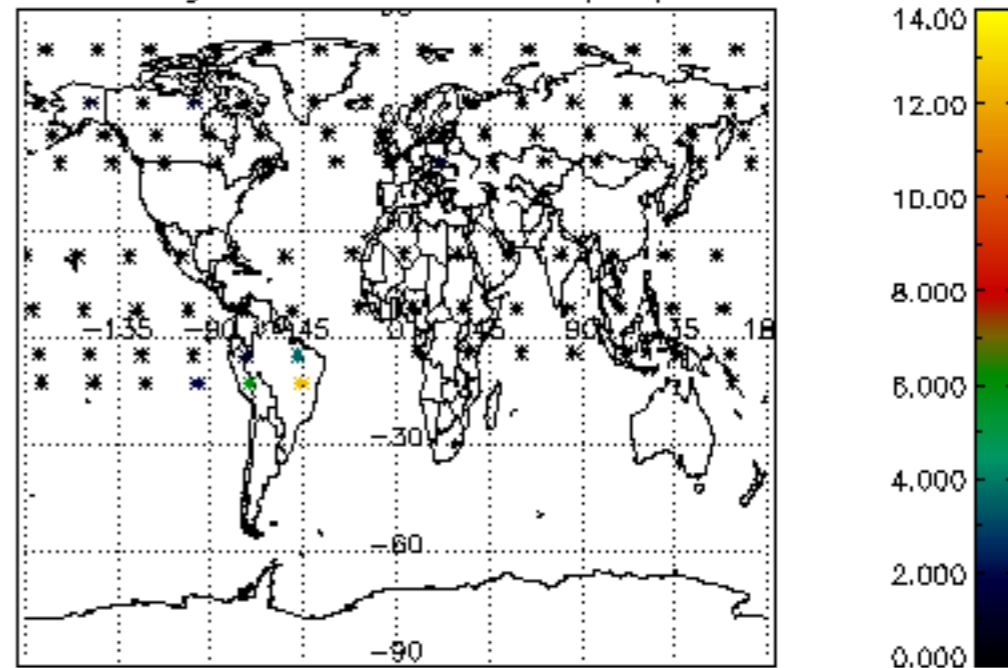
Percentage of datation errors per profile



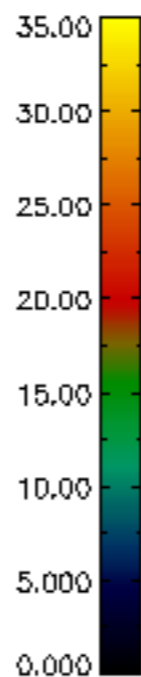
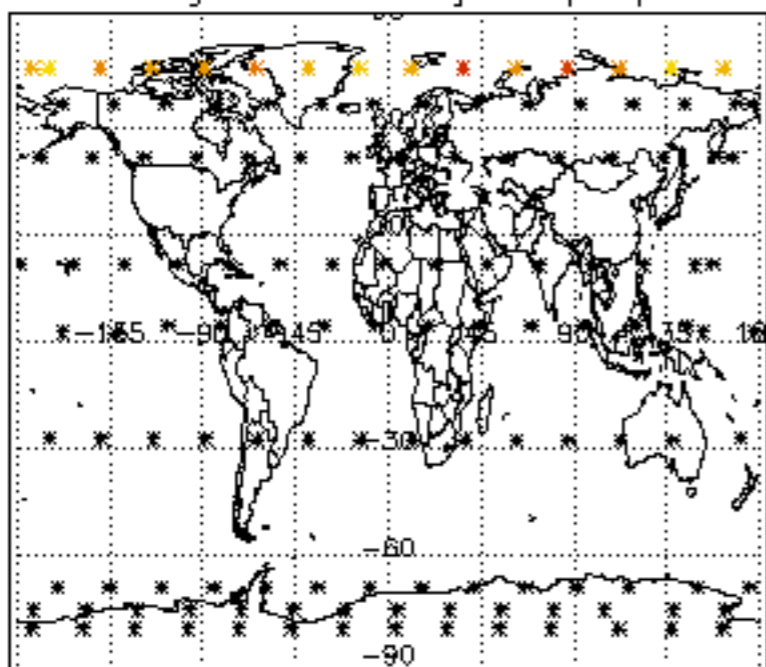
Percentage of star falling outside central band per profile



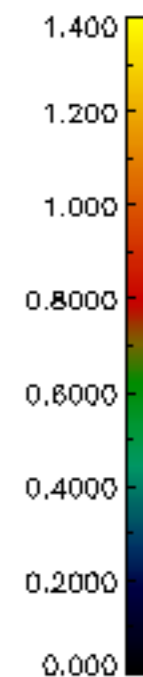
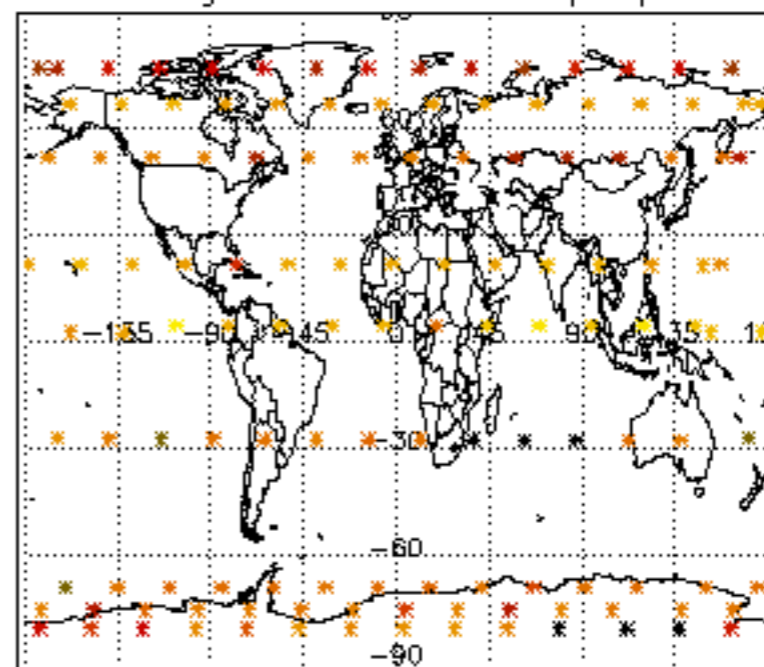
Percentage of saturation errors per profile



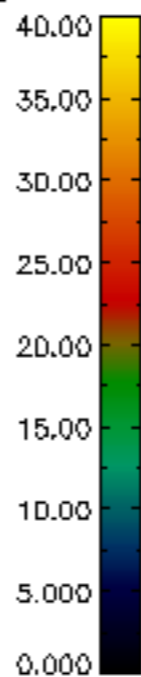
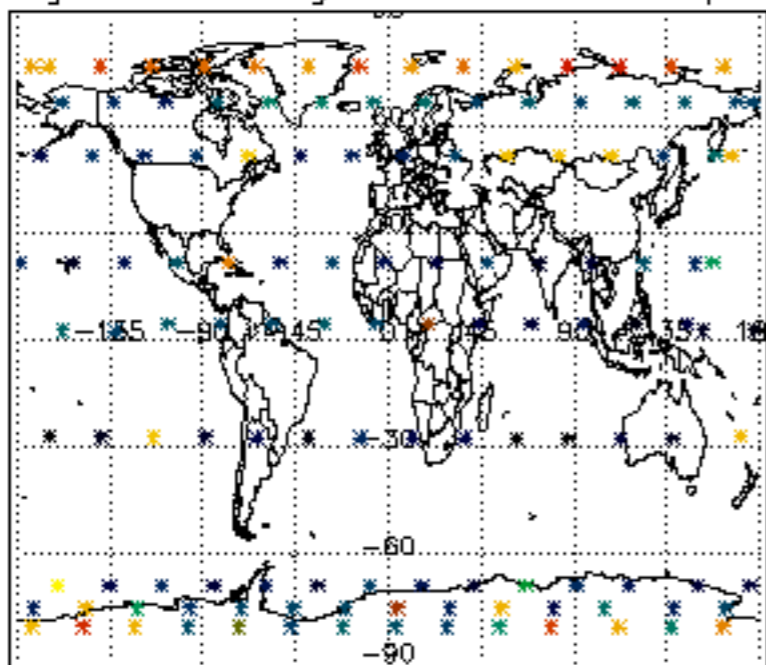
Percentage of cosmic ray hits per profile



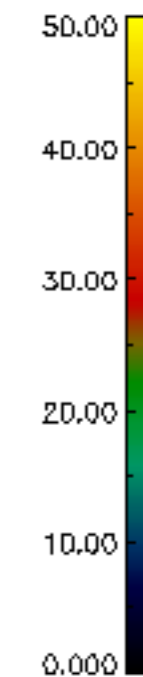
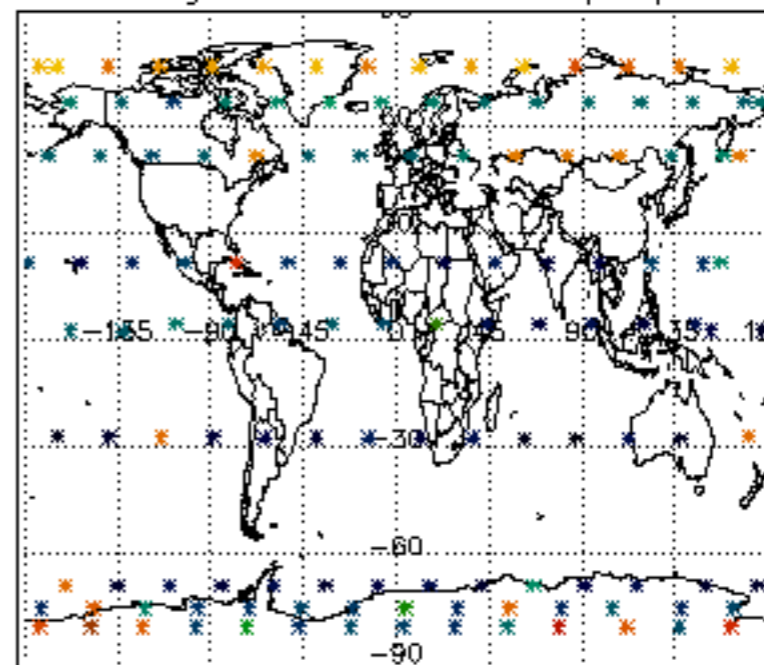
Percentage of datation errors per profile

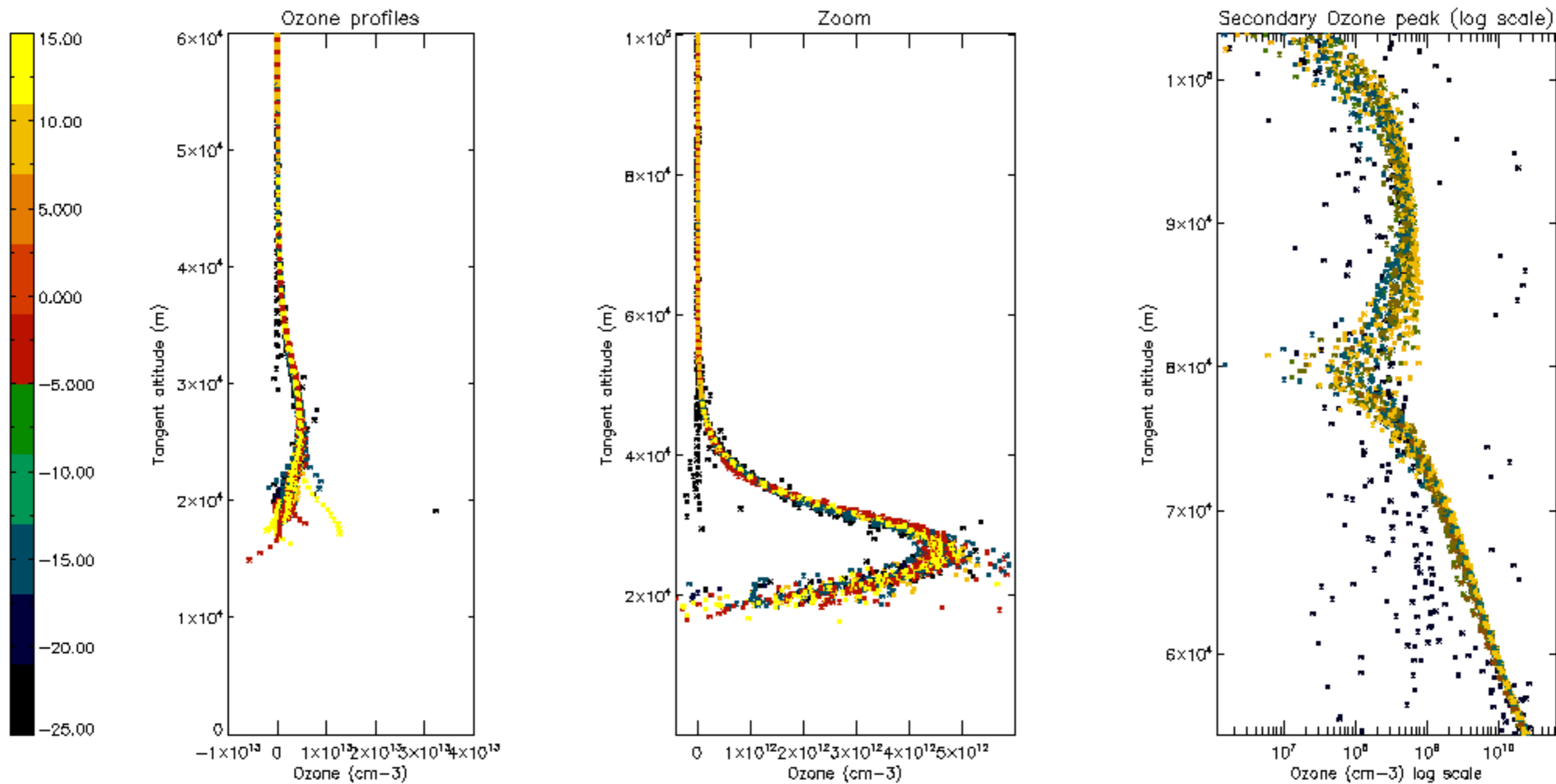


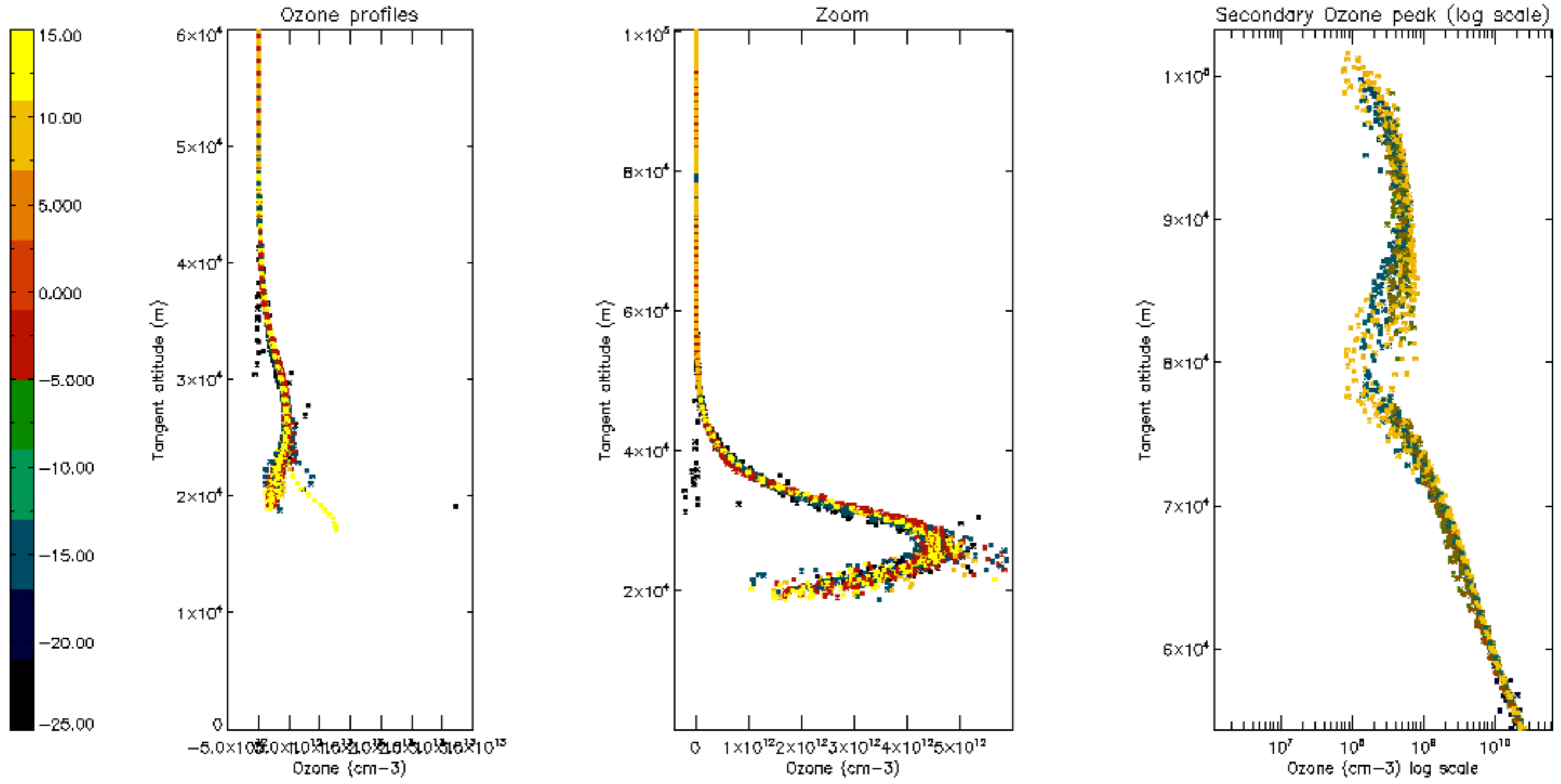
Percentage of star falling outside central band per profile



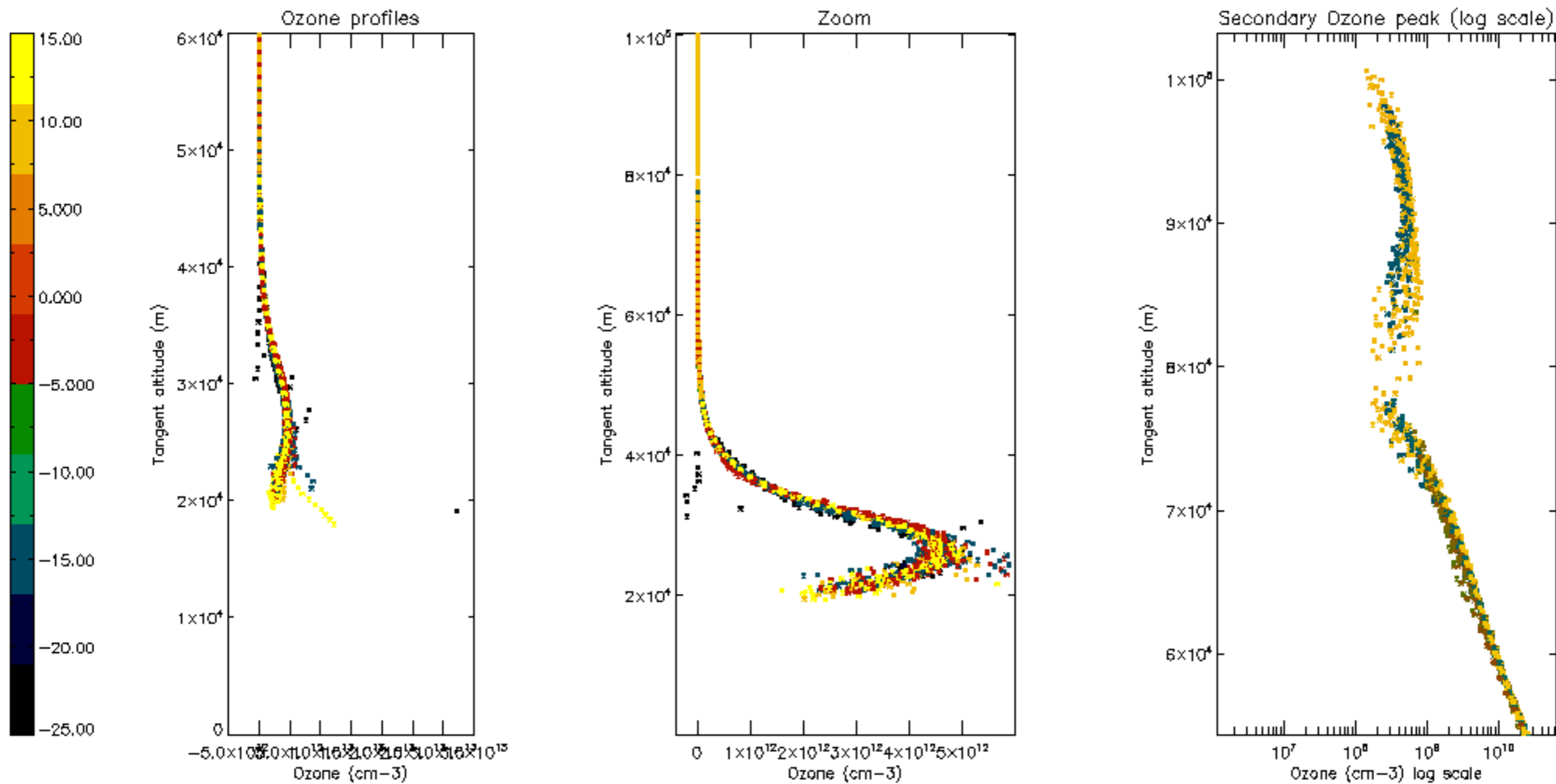
Percentage of saturation errors per profile

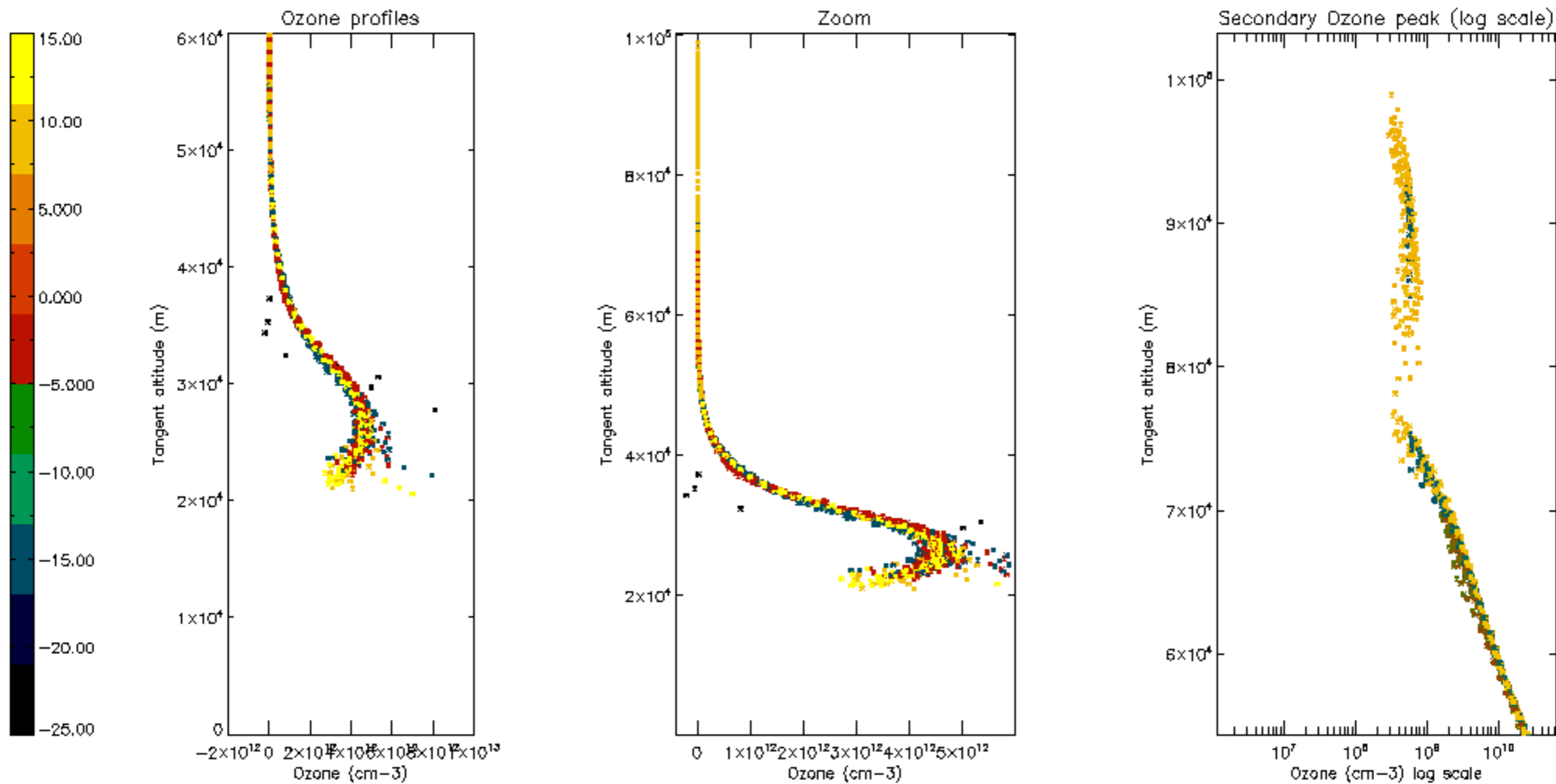


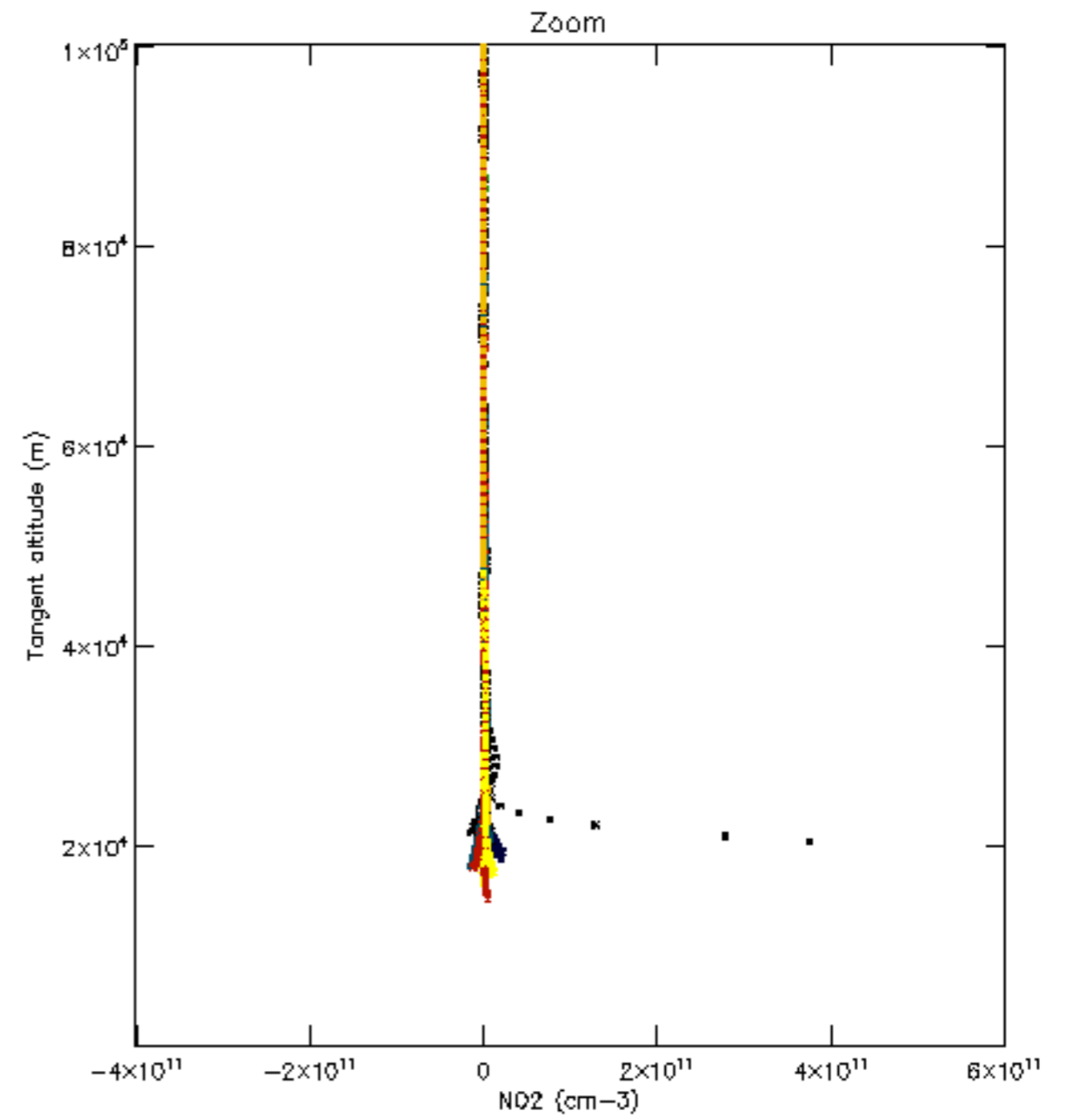
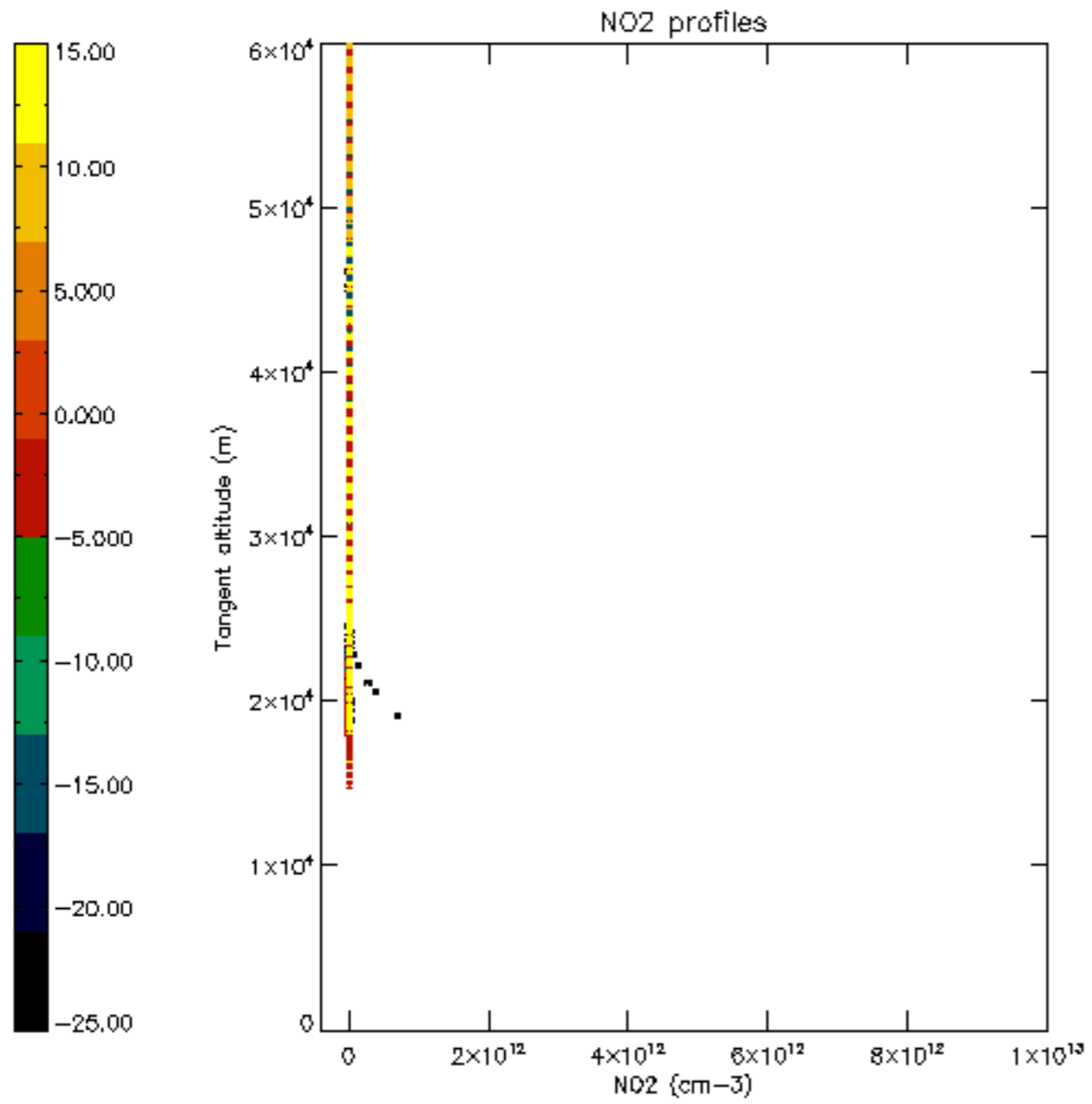


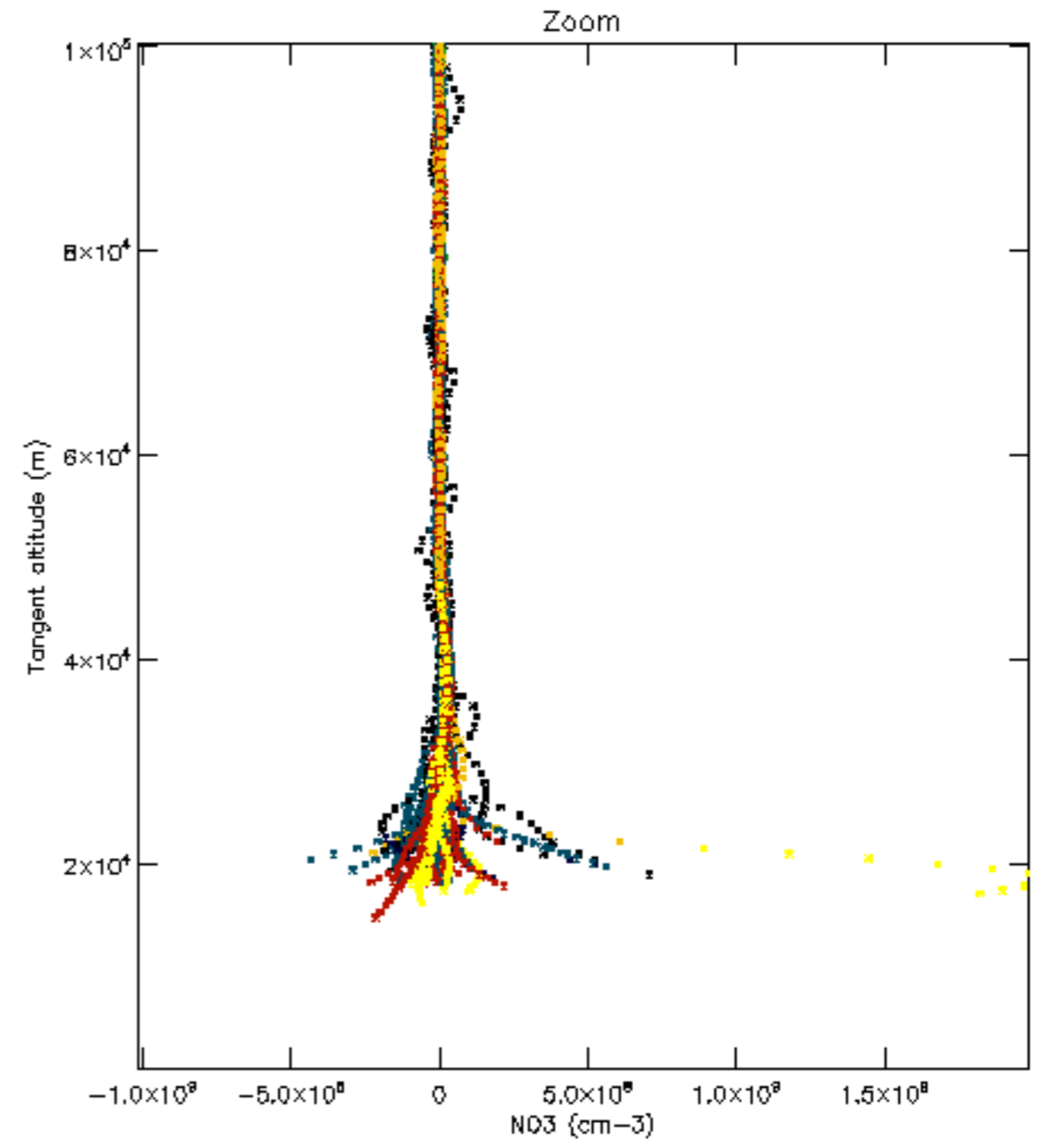
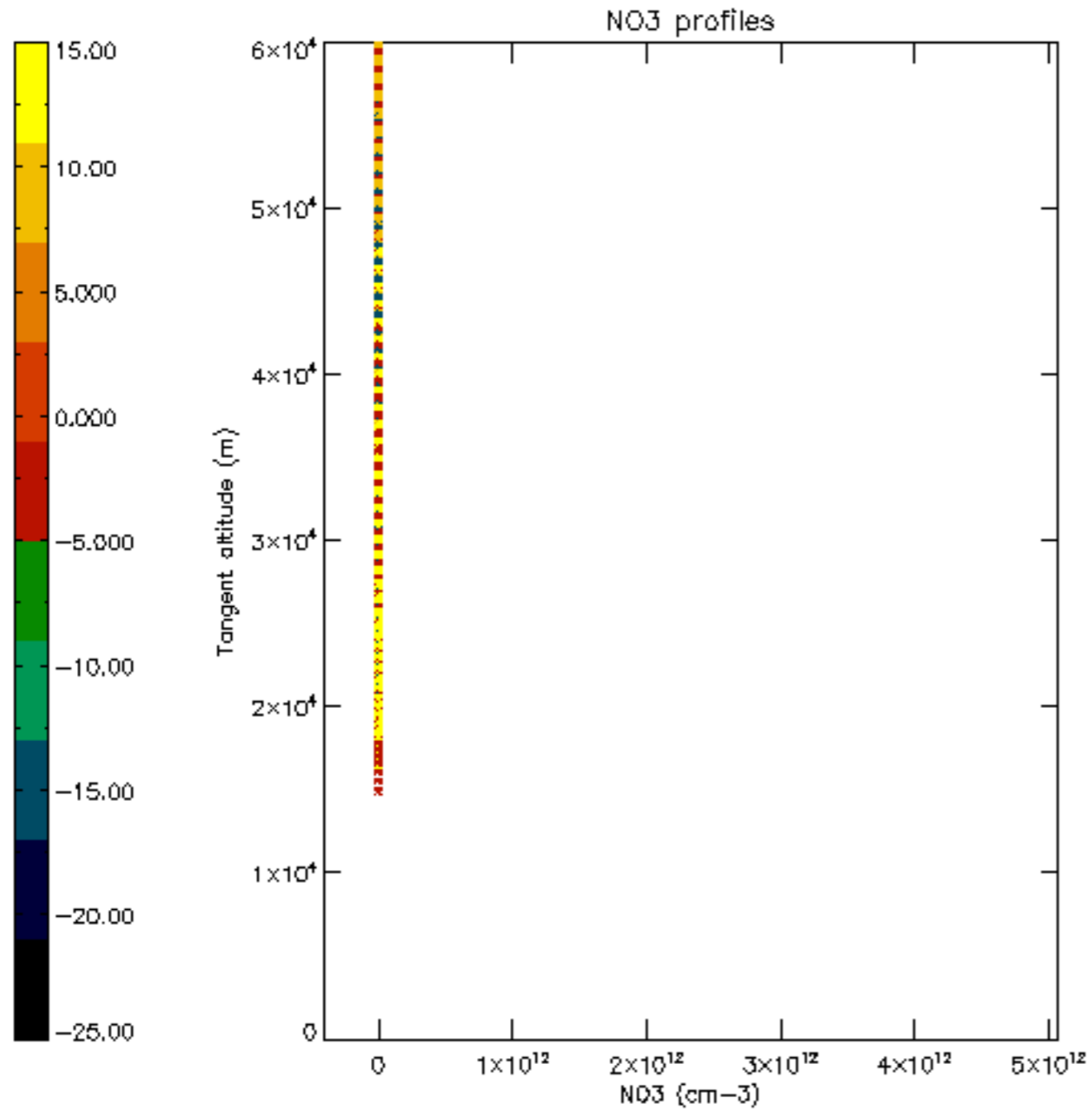




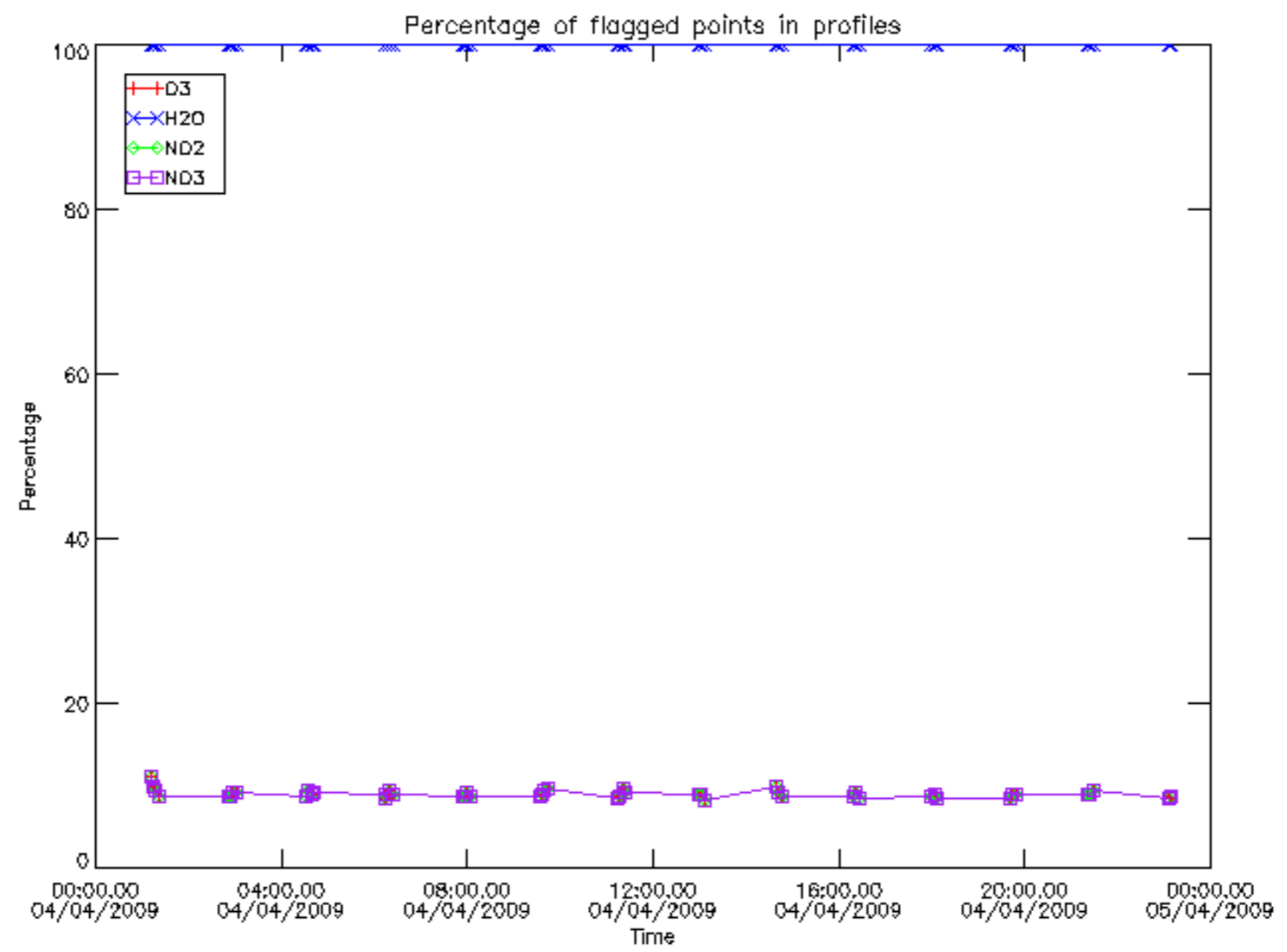




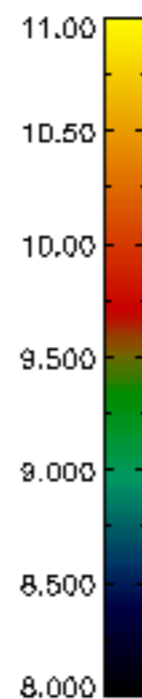
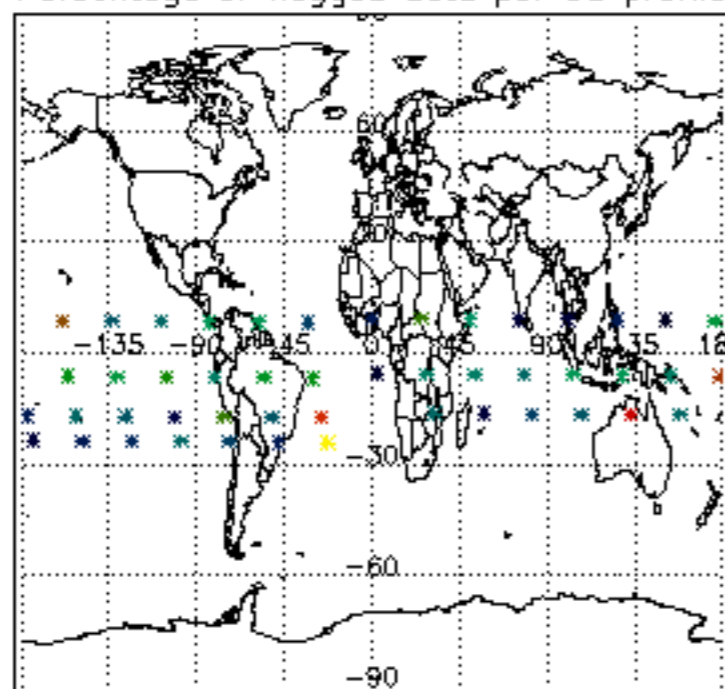




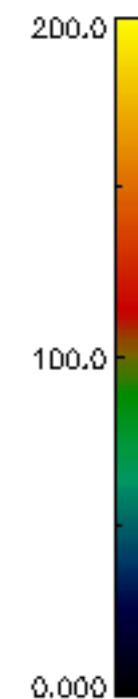
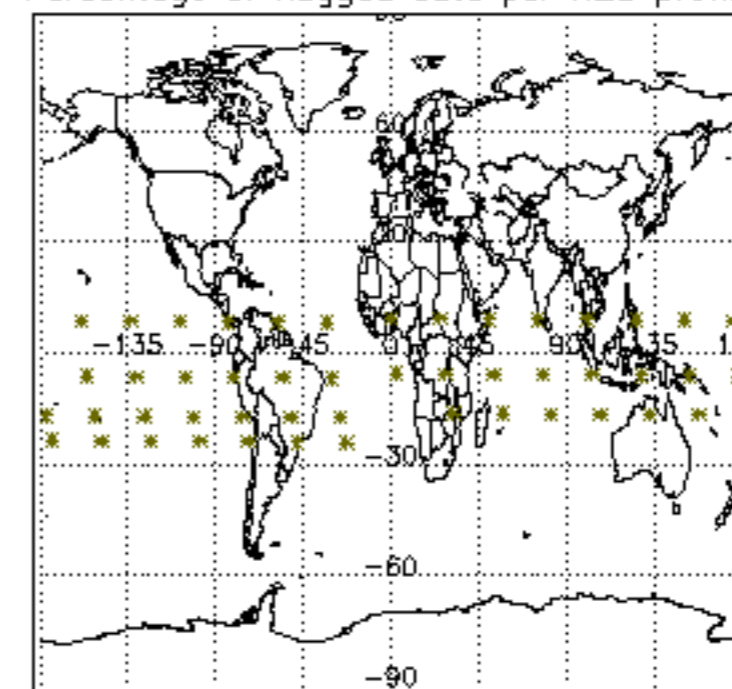




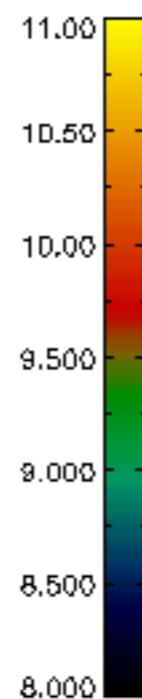
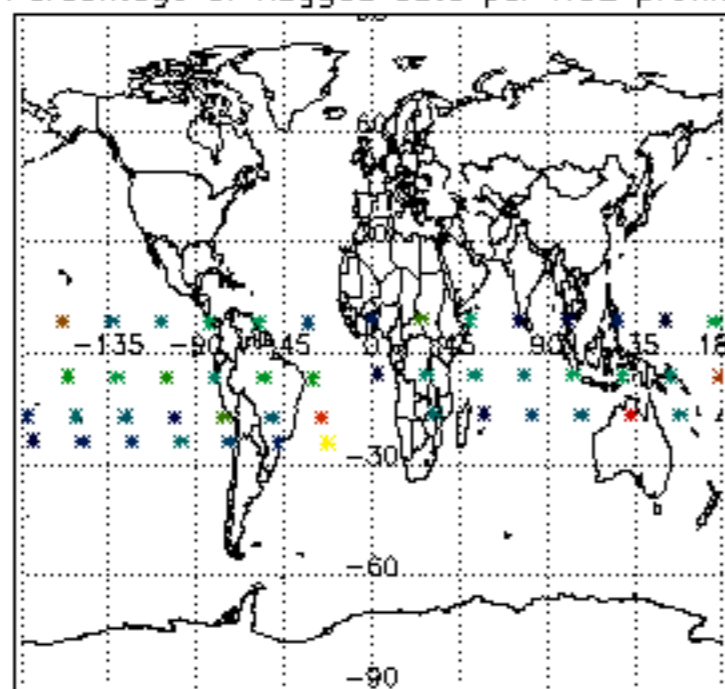
Percentage of flagged data per D3 profile



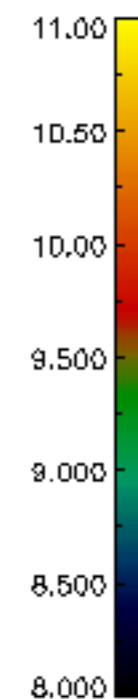
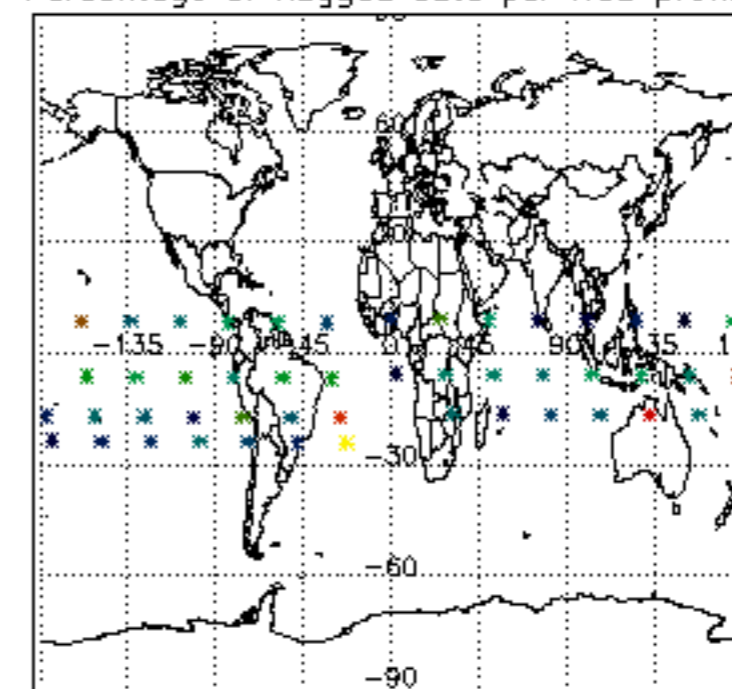
Percentage of flagged data per H2O profile

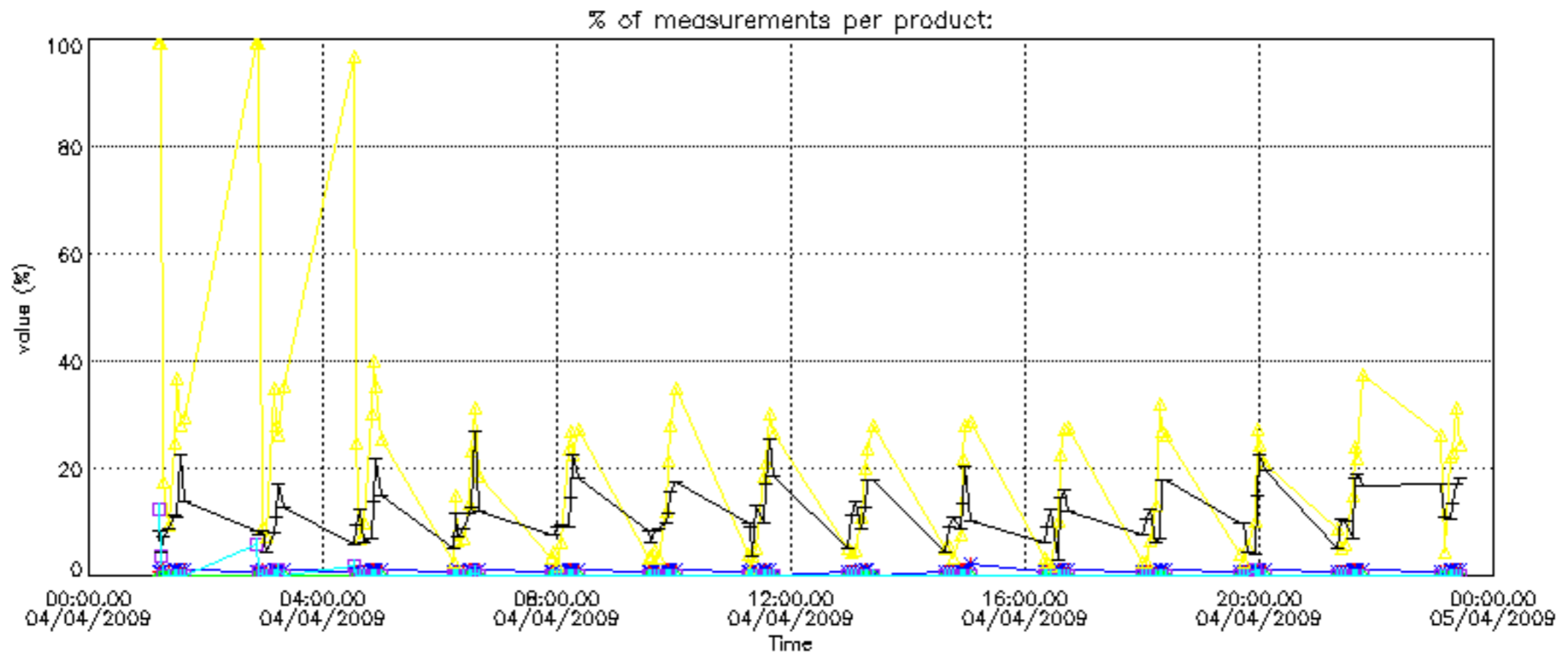


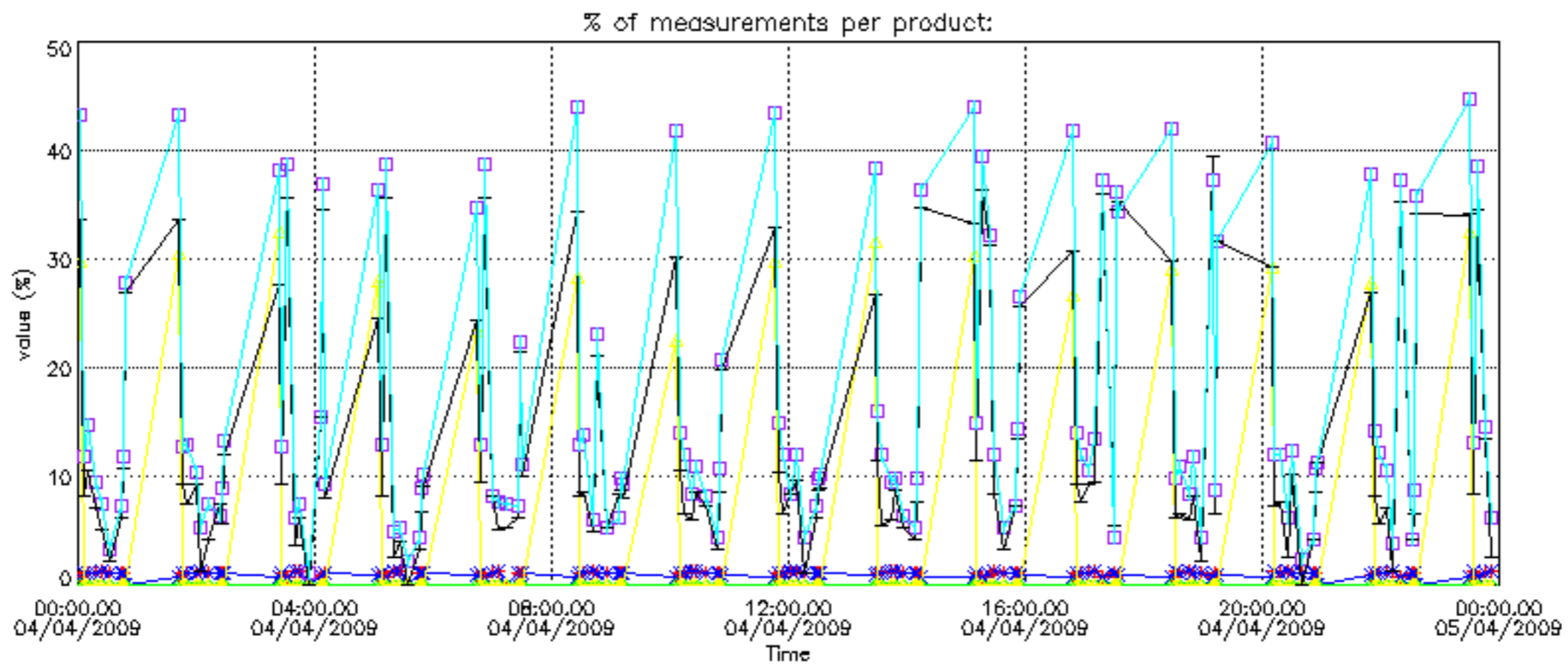
Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

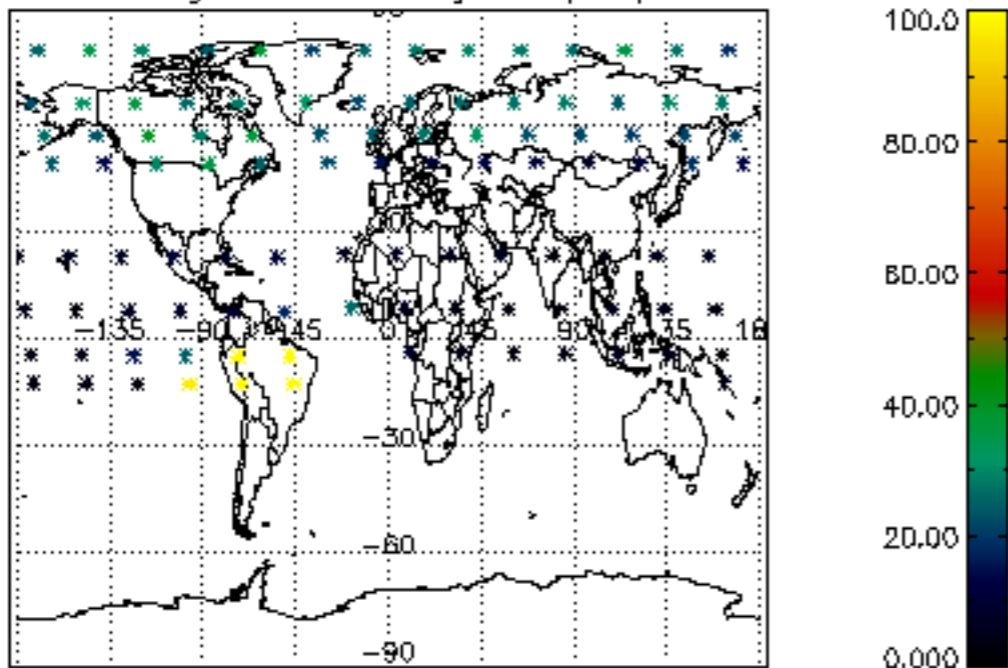




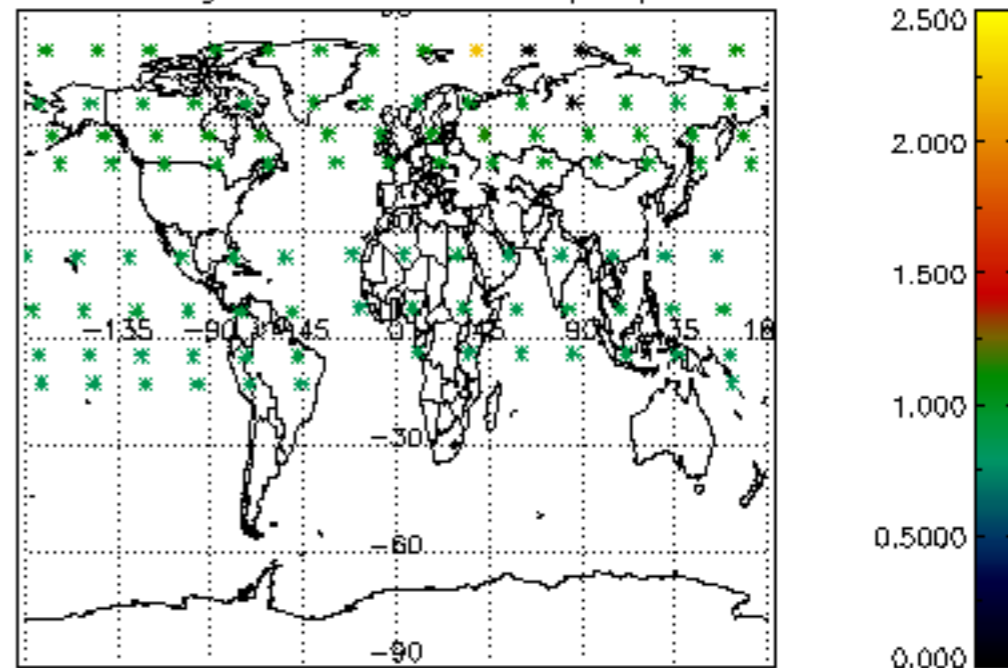




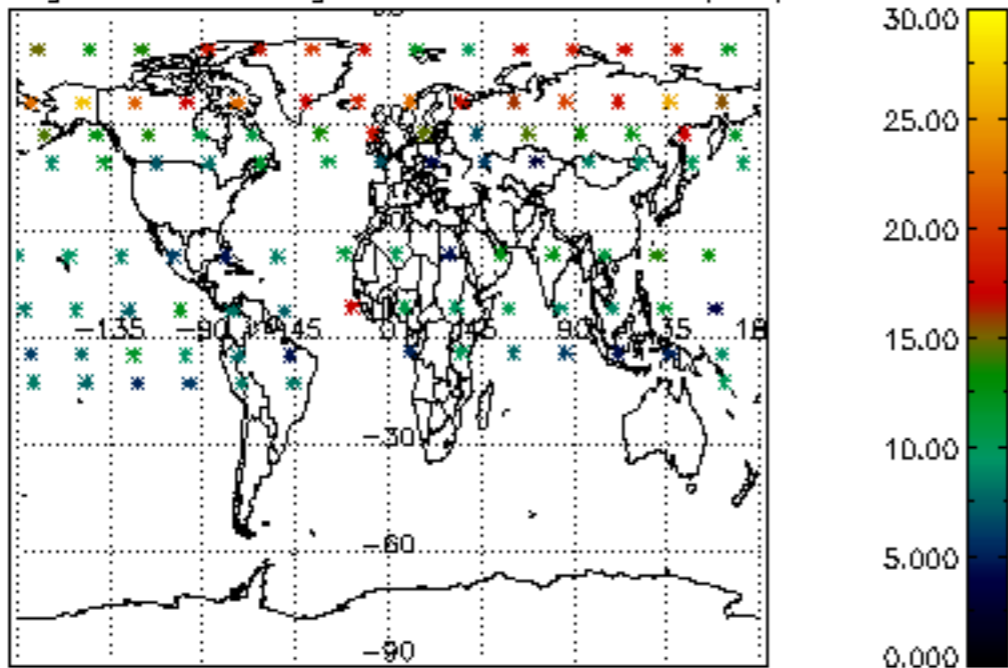
Percentage of cosmic ray hits per profile



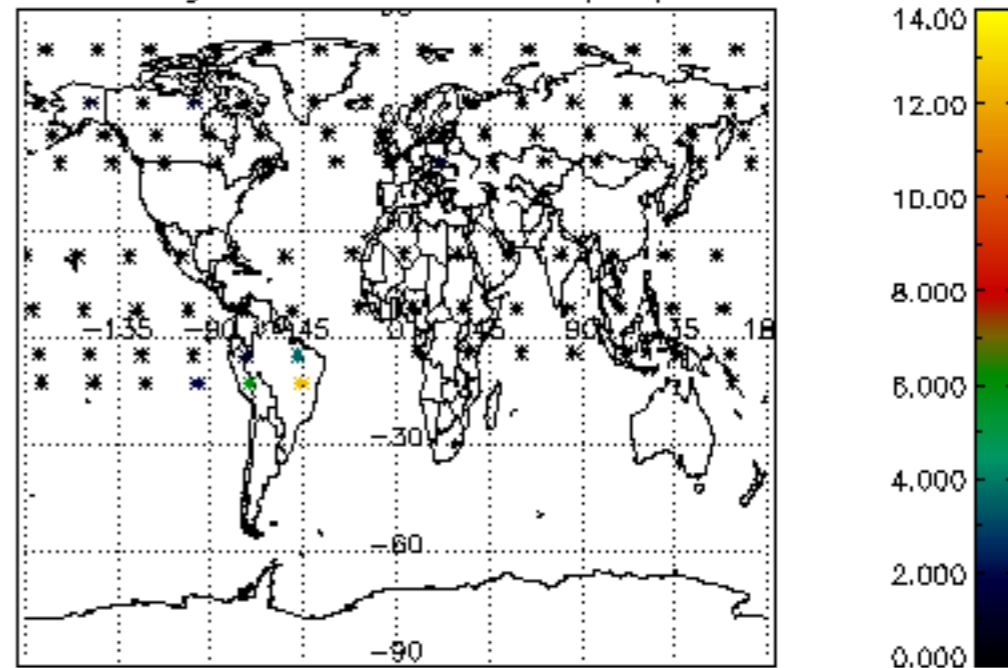
Percentage of datation errors per profile



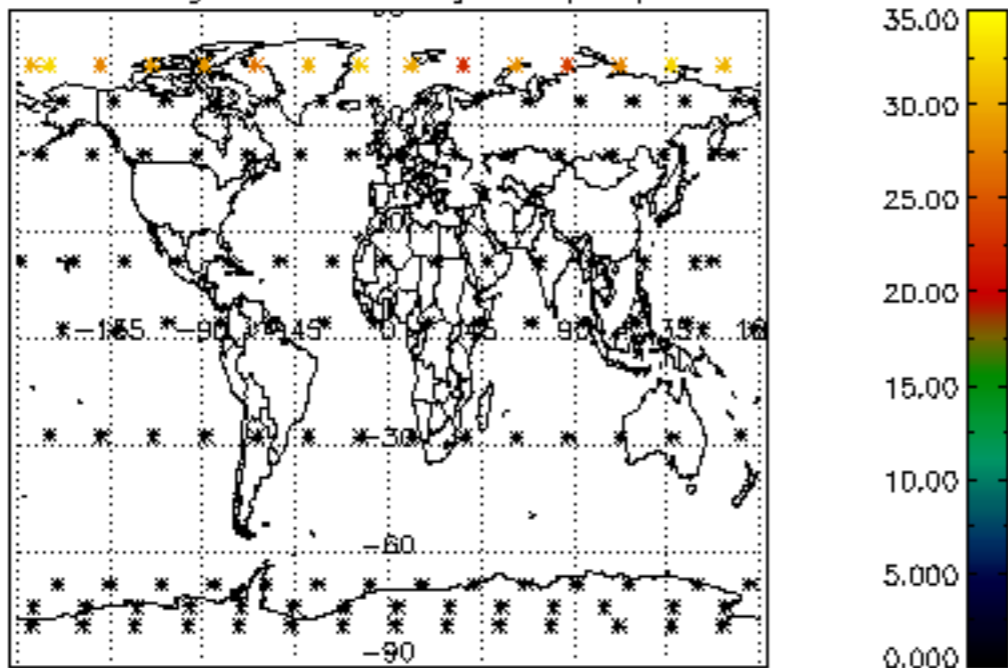
Percentage of star falling outside central band per profile



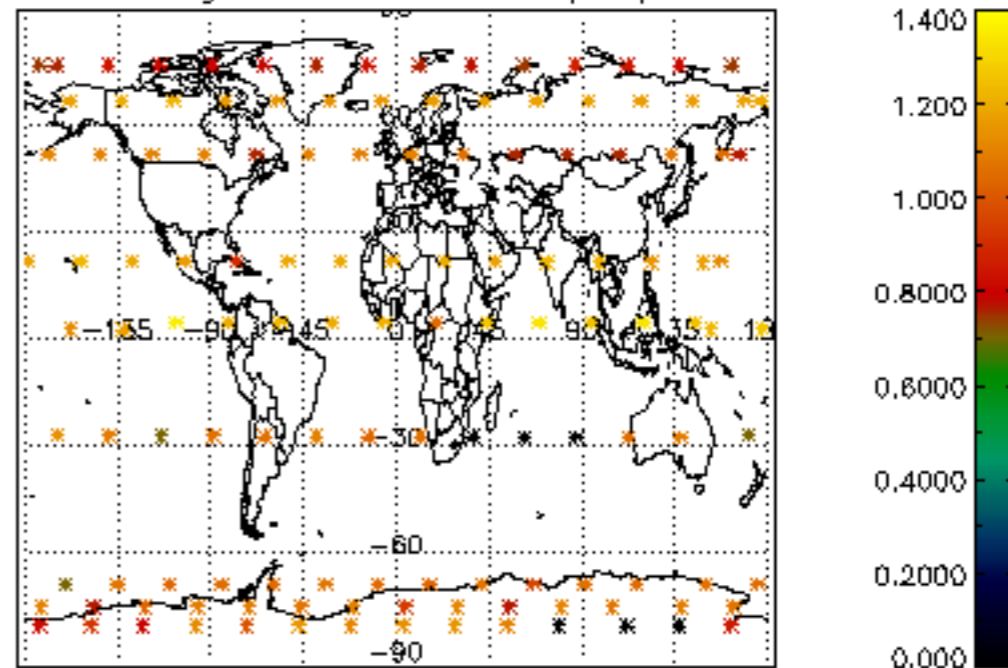
Percentage of saturation errors per profile



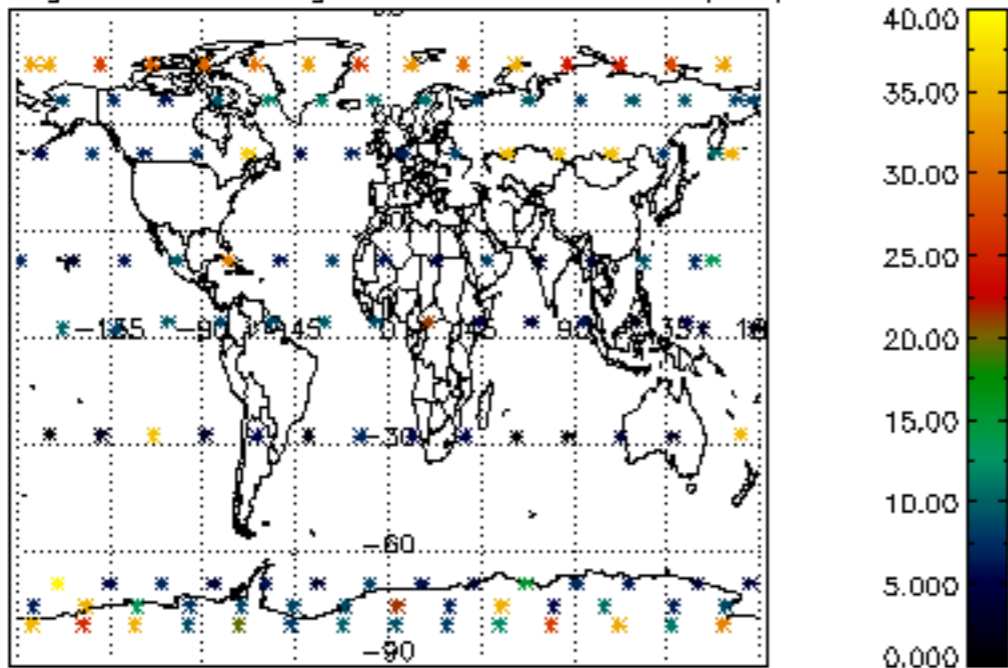
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

