

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 \(time dependant\)](#)

[3.2 Plot of level 2 quality information per product \(world map\)](#)

[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](#)

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

[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](#)

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

[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	24APR2013 15:45:43
Data source version	GOMOS/6.01
Start time of products	14-07-2011 (14JUL2011 00:00:00)
Stop time of products	15-07-2011 (15JUL2011 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	196
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__2PRFIN20110714_062944_000000443104_00279_49000_5389.N1	14-JUL-2011 06:29:44	Dark	43.500	9	Alp Eri	0.45300	24000.	87	49000	No
2	GOM_NL__2PRFIN20110714_063233_000000543104_00279_49000_5390.N1	14-JUL-2011 06:32:33	Dark	54.000	84	Alp Phe	2.3970	4500.0	108	49000	No
3	GOM_NL__2PRFIN20110714_063824_000000643104_00279_49000_5391.N1	14-JUL-2011 06:38:24	Straylight	63.500	63	Bet Gru	2.1500	2800.0	127	49000	No
4	GOM_NL__2PRFIN20110714_064001_000000483104_00279_49000_5392.N1	14-JUL-2011 06:40:01	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	49000	No
5	GOM_NL__2PRFIN20110714_064313_000000513104_00279_49000_5393.N1	14-JUL-2011 06:43:13	Straylight	51.000	172	Gam Gru	3.0030	13100.	102	49000	No
6	GOM_NL__2PRFIN20110714_064958_000000423104_00279_49000_5394.N1	14-JUL-2011 06:49:58	Bright	41.500	103	38Zet Sgr	2.6000	9700.0	83	49000	No
7	GOM_NL__2PRFIN20110714_065228_000000413104_00279_49000_5395.N1	14-JUL-2011 06:52:28	Bright	40.500	155	41Pi Sgr	2.9000	6600.0	81	49000	No
8	GOM_NL__2PRFIN20110714_071011_000000393104_00279_49000_5396.N1	14-JUL-2011 07:10:11	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	49000	No
9	GOM_NL__2PRFIN20110714_071328_000000433104_00279_49000_5397.N1	14-JUL-2011 07:13:28	Bright	42.500	144	18Del Cyg	2.8600	11000.	85	49000	No
10	GOM_NL__2PRFIN20110714_072039_000000443104_00279_49000_5398.N1	14-JUL-2011 07:20:39	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	49000	No
11	GOM_NL__2PRFIN20110714_072925_000000463104_00279_49000_5399.N1	14-JUL-2011 07:29:25	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	49000	No
12	GOM_NL__2PRFIN20110714_073422_000000613104_00279_49000_5400.N1	14-JUL-2011 07:34:22	Bright	61.000	160	23Gam Per	2.9300	4700.0	122	49000	No
13	GOM_NL__2PRFIN20110714_073542_000000603104_00279_49000_5401.N1	14-JUL-2011 07:35:42	Bright	60.000	35	33Alp Per	1.7950	6250.0	120	49000	No
14	GOM_NL__2PRFIN20110714_073836_000000463104_00279_49000_5402.N1	14-JUL-2011 07:38:36	Bright	46.000	79	26Bet Per	2.3100	13100.	92	49000	No
15	GOM_NL__2PRFIN20110714_074127_000000463104_00279_49000_5403.N1	14-JUL-2011 07:41:27	Twilight	46.000	150	44Zet Per	2.8900	28000.	92	49000	No
16	GOM_NL__2PRFIN20110714_074400_000000443104_00279_49000_5404.N1	14-JUL-2011 07:44:00	Twilight	44.000	146	25Eta Tau	2.8730	15200.	88	49000	No
17	GOM_NL__2PRFIN20110714_074535_000000473104_00279_49000_5405.N1	14-JUL-2011 07:45:35	Twilight	46.500	13	87Alp Tau	0.86700	3800.0	93	49000	No
18	GOM_NL__2PRFIN20110714_075148_000000593104_00279_49000_5406.N1	14-JUL-2011 07:51:48	Dark	58.500	94	92Alp Cet	2.5260	3100.0	117	49000	No
19	GOM_NL__2PRFIN20110714_075455_000000453104_00279_49000_5407.N1	14-JUL-2011 07:54:55	Dark	45.000	165	34Gam Eri	2.9500	3200.0	90	49000	No
20	GOM_NL__2PRFIN20110714_080350_000000433104_00279_49000_5408.N1	14-JUL-2011 08:03:50	Dark	43.000	157	The1Eri	2.9060	9300.0	86	49000	No
21	GOM_NL__2PRFIN20110714_080959_000000543104_00280_49001_5415.N1	14-JUL-2011 08:09:59	Dark	53.500	9	Alp Eri	0.45300	24000.	107	49001	No
22	GOM_NL__2PRFIN20110714_081248_000000623104_00280_49001_5416.N1	14-JUL-2011 08:12:48	Dark	62.000	84	Alp Phe	2.3970	4500.0	124	49001	No
23	GOM_NL__2PRFIN20110714_081839_000000683104_00280_49001_5417.N1	14-JUL-2011 08:18:39	Straylight	68.000	63	Bet Gru	2.1500	2800.0	136	49001	No
24	GOM_NL__2PRFIN20110714_082016_000000563104_00280_49001_5418.N1	14-JUL-2011 08:20:16	Straylight	55.500	31	Alp Gru	1.7340	15200.	111	49001	No
25	GOM_NL__2PRFIN20110714_082327_000000553104_00280_49001_5419.N1	14-JUL-2011 08:23:27	Straylight	54.500	172	Gam Gru	3.0030	13100.	109	49001	No
26	GOM_NL__2PRFIN20110714_083013_000000533104_00280_49001_5420.N1	14-JUL-2011 08:30:13	Bright	52.500	103	38Zet Sgr	2.6000	9700.0	105	49001	No
27	GOM_NL__2PRFIN20110714_083242_000000393104_00280_49001_5421.N1	14-JUL-2011 08:32:42	Bright	39.000	155	41Pi Sgr	2.9000	6600.0	78	49001	No
28	GOM_NL__2PRFIN20110714_084323_000000413104_00280_49001_5422.N1	14-JUL-2011 08:43:23	Bright	40.500	168	17Zet Aql	2.9860	11000.	81	49001	No
29	GOM_NL__2PRFIN20110714_085025_000000383104_00280_49001_5423.N1	14-JUL-2011 08:50:25	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	49001	No
30	GOM_NL__2PRFIN20110714_090052_000000433104_00280_49001_5424.N1	14-JUL-2011 09:00:52	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	49001	No
31	GOM_NL__2PRFIN20110714_090939_000000483104_00280_49001_5425.N1	14-JUL-2011 09:09:39	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	49001	No
32	GOM_NL__2PRFIN20110714_091436_000000393104_00280_49001_5426.N1	14-JUL-2011 09:14:36	Bright	39.000	160	23Gam Per	2.9300	4700.0	78	49001	No
33	GOM_NL__2PRFIN20110714_091556_000000433104_00280_49001_5427.N1	14-JUL-2011 09:15:56	Bright	42.500	35	33Alp Per	1.7950	6250.0	85	49001	No
34	GOM_NL__2PRFIN20110714_091850_000000533104_00280_49001_5428.N1	14-JUL-2011 09:18:50	Bright	52.500	79	26Bet Per	2.3100	13100.	105	49001	No
35	GOM_NL__2PRFIN20110714_092142_000000443104_00280_49001_5429.N1	14-JUL-2011 09:21:42	Twilight	43.500	150	44Zet Per	2.8900	28000.	87	49001	No
36	GOM_NL__2PRFIN20110714_092414_000000453104_00280_49001_5430.N1	14-JUL-2011 09:24:14	Twilight	45.000	146	25Eta Tau	2.8730	15200.	90	49001	No
37	GOM_NL__2PRFIN20110714_092549_000000493104_00280_49001_5431.N1	14-JUL-2011 09:25:49	Twilight	48.500	13	87Alp Tau	0.86700	3800.0	97	49001	No
38	GOM_NL__2PRFIN20110714_093202_000000573104_00280_49001_5432.N1	14-JUL-2011 09:32:02	Dark	57.000	94	92Alp Cet	2.5260	3100.0	114	49001	No
39	GOM_NL__2PRFIN20110714_093509_000000463104_00280_49001_5433.N1	14-JUL-2011 09:35:09	Dark	45.500	165	34Gam Eri	2.9500	3200.0	91	49001	No
40	GOM_NL__2PRFIN20110714_094405_000000413104_00280_49001_5434.N1	14-JUL-2011 09:44:05	Dark	41.000	157	The1Eri	2.9060	9300.0	82	49001	No
41	GOM_NL__2PRFIN20110714_095013_000000553104_00281_49002_5454.N1	14-JUL-2011 09:50:13	Dark	55.000	9	Alp Eri	0.45300	24000.	110	49002	No
42	GOM_NL__2PRFIN20110714_095304_000000533104_00281_49002_5455.N1	14-JUL-2011 09:53:04	Dark	52.500	84	Alp Phe	2.3970	4500.0	105	49002	No

43	GOM_NL__2PRFIN20110714_095854_000000663104_00281_49002_5456.N1	14-JUL-2011 09:58:54	Straylight	65.500	63	Bet Gru	2.1500	2800.0	131	49002	No
44	GOM_NL__2PRFIN20110714_100031_000000473104_00281_49002_5457.N1	14-JUL-2011 10:00:31	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	49002	No
45	GOM_NL__2PRFIN20110714_100342_000000563104_00281_49002_5458.N1	14-JUL-2011 10:03:42	Straylight	55.500	172	Gam Gru	3.0030	13100.	111	49002	No
46	GOM_NL__2PRFIN20110714_101027_000000503104_00281_49002_5459.N1	14-JUL-2011 10:10:27	Bright	50.000	103	38Zet Sgr	2.6000	9700.0	100	49002	No
47	GOM_NL__2PRFIN20110714_101256_000000383104_00281_49002_5460.N1	14-JUL-2011 10:12:56	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	49002	No
48	GOM_NL__2PRFIN20110714_102337_000000413104_00281_49002_5461.N1	14-JUL-2011 10:23:37	Bright	40.500	168	17Zet Aql	2.9860	11000.	81	49002	No
49	GOM_NL__2PRFIN20110714_103039_000000383104_00281_49002_5462.N1	14-JUL-2011 10:30:39	Bright	37.500	5	3Alp Lyr	0.033000	11000.	75	49002	No
50	GOM_NL__2PRFIN20110714_104106_000000433104_00281_49002_5463.N1	14-JUL-2011 10:41:06	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	49002	No
51	GOM_NL__2PRFIN20110714_104952_000000493104_00281_49002_5464.N1	14-JUL-2011 10:49:52	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	49002	No
52	GOM_NL__2PRFIN20110714_105450_000000413104_00281_49002_5465.N1	14-JUL-2011 10:54:50	Bright	41.000	160	23Gam Per	2.9300	4700.0	82	49002	No
53	GOM_NL__2PRFIN20110714_105610_000000403104_00281_49002_5466.N1	14-JUL-2011 10:56:10	Bright	40.000	35	33Alp Per	1.7950	6250.0	80	49002	No
54	GOM_NL__2PRFIN20110714_105904_000000643104_00281_49002_5467.N1	14-JUL-2011 10:59:04	Bright	64.000	79	26Bet Per	2.3100	13100.	128	49002	No
55	GOM_NL__2PRFIN20110714_110156_000000453104_00281_49002_5468.N1	14-JUL-2011 11:01:56	Twi_and_stray	44.500	150	44Zet Per	2.8900	28000.	89	49002	No
56	GOM_NL__2PRFIN20110714_110428_000000463104_00281_49002_5469.N1	14-JUL-2011 11:04:28	Twilight	46.000	146	25Eta Tau	2.8730	15200.	92	49002	No
57	GOM_NL__2PRFIN20110714_110603_000000463104_00281_49002_5470.N1	14-JUL-2011 11:06:03	Twilight	46.000	13	87Alp Tau	0.86700	3800.0	92	49002	No
58	GOM_NL__2PRFIN20110714_111217_000000573104_00281_49002_5471.N1	14-JUL-2011 11:12:17	Dark	56.500	94	92Alp Cet	2.5260	3100.0	113	49002	No
59	GOM_NL__2PRFIN20110714_111524_000000453104_00281_49002_5472.N1	14-JUL-2011 11:15:24	Dark	45.000	165	34Gam Eri	2.9500	3200.0	90	49002	No
60	GOM_NL__2PRFIN20110714_112420_000000413104_00281_49002_5473.N1	14-JUL-2011 11:24:20	Dark	41.000	157	The1Eri	2.9060	9300.0	82	49002	No
61	GOM_NL__2PRFIN20110714_113028_000000453104_00282_49003_5519.N1	14-JUL-2011 11:30:28	Dark	44.500	9	Alp Eri	0.45300	24000.	89	49003	No
62	GOM_NL__2PRFIN20110714_113319_000000543104_00282_49003_5520.N1	14-JUL-2011 11:33:19	Dark	54.000	84	Alp Phe	2.3970	4500.0	108	49003	No
63	GOM_NL__2PRFIN20110714_113909_000000543104_00282_49003_5521.N1	14-JUL-2011 11:39:09	Straylight	53.500	63	Bet Gru	2.1500	2800.0	107	49003	No
64	GOM_NL__2PRFIN20110714_114046_000000483104_00282_49003_5522.N1	14-JUL-2011 11:40:46	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	49003	No
65	GOM_NL__2PRFIN20110714_114357_000000533104_00282_49003_5523.N1	14-JUL-2011 11:43:57	Straylight	53.000	172	Gam Gru	3.0030	13100.	106	49003	No
66	GOM_NL__2PRFIN20110714_115041_000000463104_00282_49003_5524.N1	14-JUL-2011 11:50:41	Bright	45.500	103	38Zet Sgr	2.6000	9700.0	91	49003	No
67	GOM_NL__2PRFIN20110714_115310_000000403104_00282_49003_5525.N1	14-JUL-2011 11:53:10	Bright	39.500	155	41Pi Sgr	2.9000	6600.0	79	49003	No
68	GOM_NL__2PRFIN20110714_120350_000000593104_00282_49003_5526.N1	14-JUL-2011 12:03:50	Bright	59.000	168	17Zet Aql	2.9860	11000.	118	49003	No
69	GOM_NL__2PRFIN20110714_121053_000000383104_00282_49003_5527.N1	14-JUL-2011 12:10:53	Bright	37.500	5	3Alp Lyr	0.033000	11000.	75	49003	No
70	GOM_NL__2PRFIN20110714_121409_000000413104_00282_49003_5528.N1	14-JUL-2011 12:14:09	Bright	41.000	144	18Del Cyg	2.8600	11000.	82	49003	No
71	GOM_NL__2PRFIN20110714_122119_000000433104_00282_49003_5529.N1	14-JUL-2011 12:21:19	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	49003	No
72	GOM_NL__2PRFIN20110714_123006_000000693104_00282_49003_5530.N1	14-JUL-2011 12:30:06	Bright	69.000	76	27Gam Cas	2.3000	30000.	138	49003	No
73	GOM_NL__2PRFIN20110714_123503_000000413104_00282_49003_5531.N1	14-JUL-2011 12:35:03	Bright	41.000	160	23Gam Per	2.9300	4700.0	82	49003	No
74	GOM_NL__2PRFIN20110714_123624_000000403104_00282_49003_5532.N1	14-JUL-2011 12:36:24	Bright	39.500	35	33Alp Per	1.7950	6250.0	79	49003	No
75	GOM_NL__2PRFIN20110714_123918_000000453104_00282_49003_5533.N1	14-JUL-2011 12:39:18	Bright	44.500	79	26Bet Per	2.3100	13100.	89	49003	No
76	GOM_NL__2PRFIN20110714_124210_000000443104_00282_49003_5534.N1	14-JUL-2011 12:42:10	Twi_and_stray	44.000	150	44Zet Per	2.8900	28000.	88	49003	No
77	GOM_NL__2PRFIN20110714_124442_000000443104_00282_49003_5535.N1	14-JUL-2011 12:44:42	Twilight	43.500	146	25Eta Tau	2.8730	15200.	87	49003	No
78	GOM_NL__2PRFIN20110714_124617_000000433104_00282_49003_5536.N1	14-JUL-2011 12:46:17	Twilight	43.000	13	87Alp Tau	0.86700	3800.0	86	49003	No
79	GOM_NL__2PRFIN20110714_125232_000000603104_00282_49003_5537.N1	14-JUL-2011 12:52:32	Dark	59.500	94	92Alp Cet	2.5260	3100.0	119	49003	No
80	GOM_NL__2PRFIN20110714_125538_000000453104_00282_49003_5538.N1	14-JUL-2011 12:55:38	Dark	45.000	165	34Gam Eri	2.9500	3200.0	90	49003	No
81	GOM_NL__2PRFIN20110714_130434_000000413104_00282_49003_5539.N1	14-JUL-2011 13:04:34	Dark	40.500	157	The1Eri	2.9060	9300.0	81	49003	No
82	GOM_NL__2PRFIN20110714_131042_000000533104_00283_49004_5537.N1	14-JUL-2011 13:10:42	Dark	52.500	9	Alp Eri	0.45300	24000.	105	49004	No
83	GOM_NL__2PRFIN20110714_131334_000000543104_00283_49004_5538.N1	14-JUL-2011 13:13:34	Dark	53.500	84	Alp Phe	2.3970	4500.0	107	49004	No
84	GOM_NL__2PRFIN20110714_131923_000000503104_00283_49004_5539.N1	14-JUL-2011 13:19:23	Straylight	49.500	63	Bet Gru	2.1500	2800.0	99	49004	No
85	GOM_NL__2PRFIN20110714_132100_000000463104_00283_49004_5540.N1	14-JUL-2011 13:21:00	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	49004	No
86	GOM_NL__2PRFIN20110714_132411_000000533104_00283_49004_5541.N1	14-JUL-2011 13:24:11	Straylight	53.000	172	Gam Gru	3.0030	13100.	106	49004	No
87	GOM_NL__2PRFIN20110714_133055_000000413104_00283_49004_5542.N1	14-JUL-2011 13:30:55	Bright	40.500	103	38Zet Sgr	2.6000	9700.0	81	49004	No
88	GOM_NL__2PRFIN20110714_133324_000000403104_00283_49004_5543.N1	14-JUL-2011 13:33:24	Bright	39.500	155	41Pi Sgr	2.9000	6600.0	79	49004	No
89	GOM_NL__2PRFIN20110714_134404_000000403104_00283_49004_5544.N1	14-JUL-2011 13:44:04	Bright	39.500	168	17Zet Aql	2.9860	11000.	79	49004	No
90	GOM_NL__2PRFIN20110714_135106_000000403104_00283_49004_5545.N1	14-JUL-2011 13:51:06	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	49004	No
91	GOM_NL__2PRFIN20110714_135422_000000403104_00283_49004_5546.N1	14-JUL-2011 13:54:22	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	49004	No
92	GOM_NL__2PRFIN20110714_140132_000000423104_00283_49004_5547.N1	14-JUL-2011 14:01:32	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	49004	No
93	GOM_NL__2PRFIN20110714_141019_000000453104_00283_49004_5548.N1	14-JUL-2011 14:10:19	Bright	44.500	76	27Gam Cas	2.3000	30000.	89	49004	No
94	GOM_NL__2PRFIN20110714_141517_000000613104_00283_49004_5549.N1	14-JUL-2011 14:15:17	Bright	61.000	160	23Gam Per	2.9300	4700.0	122	49004	No
95	GOM_NL__2PRFIN20110714_141637_000000603104_00283_49004_5550.N1	14-JUL-2011 14:16:37	Bright	60.000	35	33Alp Per	1.7950	6250.0	120	49004	No
96	GOM_NL__2PRFIN20110714_141932_000000443104_00283_49004_5551.N1	14-JUL-2011 14:19:32	Bright	44.000	79	26Bet Per	2.3100	13100.	88	49004	No
97	GOM_NL__2PRFIN20110714_142224_000000463104_00283_49004_5552.N1	14-JUL-2011 14:22:24	Twi_and_stray	46.000	150	44Zet Per	2.8900	28000.	92	49004	No
98	GOM_NL__2PRFIN20110714_142457_000000433104_00283_49004_5553.N1	14-JUL-2011 14:24:57	Twilight	42.500	146	25Eta Tau	2.8730	15200.	85	49004	No
99	GOM_NL__2PRFIN20110714_142632_000000543104_00283_49004_5554.N1	14-JUL-2011 14:26:32	Twilight	54.000	13	87Alp Tau	0.86700	3800.0	108	49004	No
100	GOM_NL__2PRFIN20110714_143246_000000603104_00283_49004_5555.N1	14-JUL-2011 14:32:46	Dark	59.500	94	92Alp Cet	2.5260	3100.0	119	49004	No
101	GOM_NL__2PRFIN20110714_143553_000000463104_00283_49004_5556.N1	14-JUL-2011 14:35:53	Dark	46.000	165	34Gam Eri	2.9500	3200.0	92	49004	No

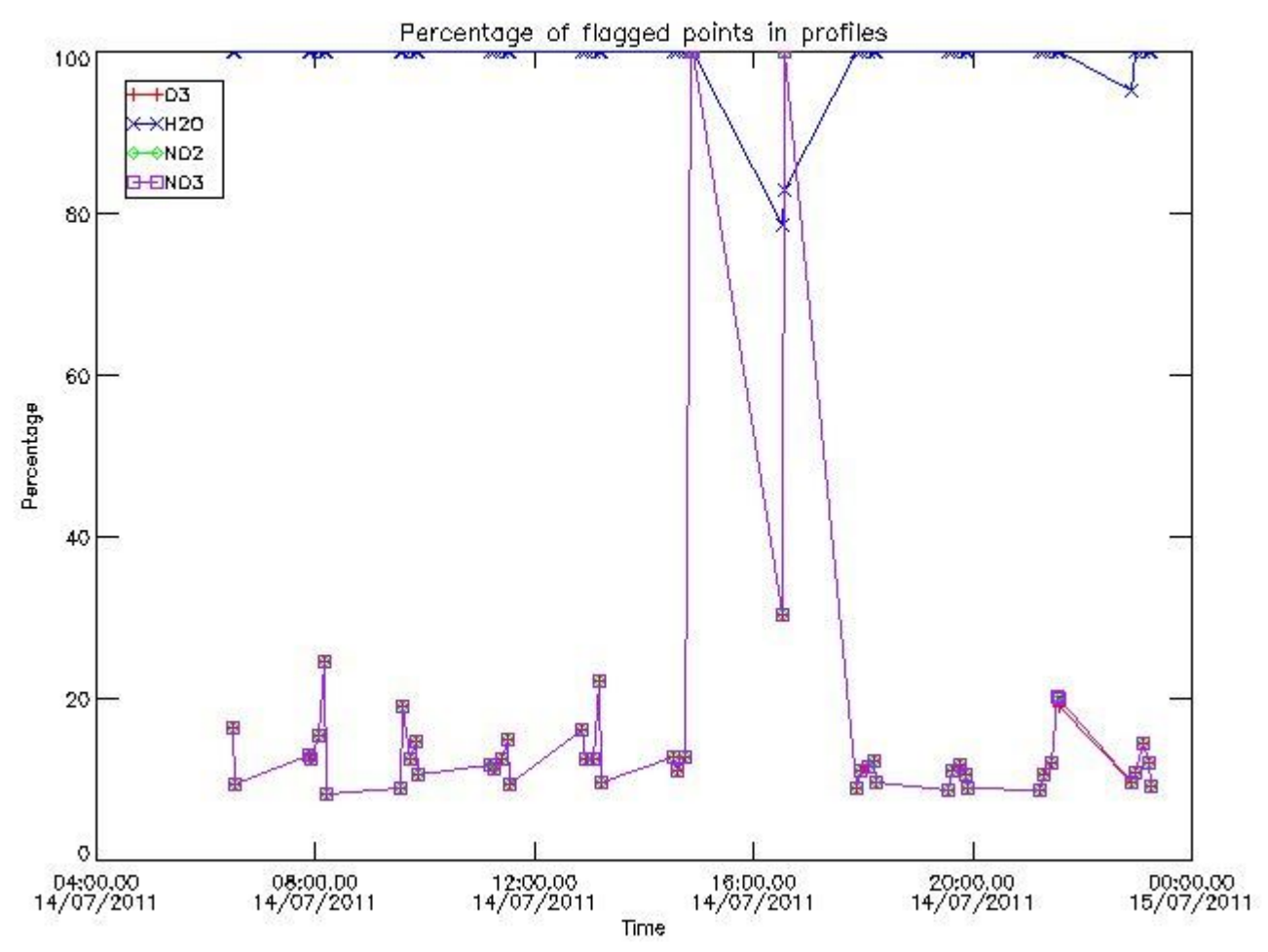
102	GOM_NL__2PRFIN20110714_144449_000000403104_00283_49004_5557.N1	14-JUL-2011 14:44:49	Dark	40.000	157	The1Eri	2.9060	9300.0	80	49004	No
103	GOM_NL__2PRFIN20110714_145057_000000413104_00284_49005_5574.N1	14-JUL-2011 14:50:57	Dark	41.000	9	Alp Eri	0.45300	24000.	82	49005	No
104	GOM_NL__2PRFIN20110714_145349_000000523104_00284_49005_5575.N1	14-JUL-2011 14:53:49	Dark	51.500	84	Alp Phe	2.3970	4500.0	103	49005	No
105	GOM_NL__2PRFIN20110714_145938_000000513104_00284_49005_5576.N1	14-JUL-2011 14:59:38	Straylight	51.000	63	Bet Gru	2.1500	2800.0	102	49005	No
106	GOM_NL__2PRFIN20110714_150115_000000503104_00284_49005_5577.N1	14-JUL-2011 15:01:15	Straylight	49.500	31	Alp Gru	1.7340	15200.	99	49005	No
107	GOM_NL__2PRFIN20110714_150426_000000523104_00284_49005_5578.N1	14-JUL-2011 15:04:26	Straylight	51.500	172	Gam Gru	3.0030	13100.	103	49005	No
108	GOM_NL__2PRFIN20110714_163112_000000453104_00285_49006_5602.N1	14-JUL-2011 16:31:12	Dark	45.000	9	Alp Eri	0.45300	24000.	90	49006	No
109	GOM_NL__2PRFIN20110714_163404_000000533104_00285_49006_5603.N1	14-JUL-2011 16:34:04	Dark	53.000	84	Alp Phe	2.3970	4500.0	106	49006	No
110	GOM_NL__2PRFIN20110714_163953_000000503104_00285_49006_5604.N1	14-JUL-2011 16:39:53	Straylight	50.000	63	Bet Gru	2.1500	2800.0	100	49006	No
111	GOM_NL__2PRFIN20110714_164130_000000483104_00285_49006_5605.N1	14-JUL-2011 16:41:30	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	49006	No
112	GOM_NL__2PRFIN20110714_164441_000000513104_00285_49006_5606.N1	14-JUL-2011 16:44:41	Straylight	51.000	172	Gam Gru	3.0030	13100.	102	49006	No
113	GOM_NL__2PRFIN20110714_165123_000000413104_00285_49006_5607.N1	14-JUL-2011 16:51:23	Bright	41.000	103	38Zet Sgr	2.6000	9700.0	82	49006	No
114	GOM_NL__2PRFIN20110714_170432_000000413104_00285_49006_5608.N1	14-JUL-2011 17:04:32	Bright	40.500	168	17Zet Aql	2.9860	11000.	81	49006	No
115	GOM_NL__2PRFIN20110714_171134_000000403104_00285_49006_5609.N1	14-JUL-2011 17:11:34	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	49006	No
116	GOM_NL__2PRFIN20110714_171449_000000433104_00285_49006_5610.N1	14-JUL-2011 17:14:49	Bright	42.500	144	18Del Cyg	2.8600	11000.	85	49006	No
117	GOM_NL__2PRFIN20110714_172159_000000413104_00285_49006_5611.N1	14-JUL-2011 17:21:59	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	49006	No
118	GOM_NL__2PRFIN20110714_173046_000000453104_00285_49006_5612.N1	14-JUL-2011 17:30:46	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	49006	No
119	GOM_NL__2PRFIN20110714_173545_000000613104_00285_49006_5613.N1	14-JUL-2011 17:35:45	Bright	61.000	160	23Gam Per	2.9300	4700.0	122	49006	No
120	GOM_NL__2PRFIN20110714_173705_000000473104_00285_49006_5614.N1	14-JUL-2011 17:37:05	Bright	47.000	35	33Alp Per	1.7950	6250.0	94	49006	No
121	GOM_NL__2PRFIN20110714_174000_000000433104_00285_49006_5615.N1	14-JUL-2011 17:40:00	Bright	43.000	79	26Bet Per	2.3100	13100.	86	49006	No
122	GOM_NL__2PRFIN20110714_174252_000000463104_00285_49006_5616.N1	14-JUL-2011 17:42:52	Twi_and_stray	45.500	150	44Zet Per	2.8900	28000.	91	49006	No
123	GOM_NL__2PRFIN20110714_174525_000000453104_00285_49006_5617.N1	14-JUL-2011 17:45:25	Twilight	44.500	146	25Eta Tau	2.8730	15200.	89	49006	No
124	GOM_NL__2PRFIN20110714_174700_000000483104_00285_49006_5618.N1	14-JUL-2011 17:47:00	Twilight	48.000	13	87Alp Tau	0.86700	3800.0	96	49006	No
125	GOM_NL__2PRFIN20110714_175316_000000573104_00285_49006_5619.N1	14-JUL-2011 17:53:16	Dark	56.500	94	92Alp Cet	2.5260	3100.0	113	49006	No
126	GOM_NL__2PRFIN20110714_175622_000000463104_00285_49006_5620.N1	14-JUL-2011 17:56:22	Dark	46.000	165	34Gam Eri	2.9500	3200.0	92	49006	No
127	GOM_NL__2PRFIN20110714_180518_000000443104_00285_49006_5621.N1	14-JUL-2011 18:05:18	Dark	44.000	157	The1Eri	2.9060	9300.0	88	49006	No
128	GOM_NL__2PRFIN20110714_181126_000000423104_00286_49007_5628.N1	14-JUL-2011 18:11:26	Dark	41.500	9	Alp Eri	0.45300	24000.	83	49007	No
129	GOM_NL__2PRFIN20110714_181419_000000543104_00286_49007_5629.N1	14-JUL-2011 18:14:19	Dark	53.500	84	Alp Phe	2.3970	4500.0	107	49007	No
130	GOM_NL__2PRFIN20110714_182008_000000503104_00286_49007_5630.N1	14-JUL-2011 18:20:08	Straylight	50.000	63	Bet Gru	2.1500	2800.0	100	49007	No
131	GOM_NL__2PRFIN20110714_182144_000000473104_00286_49007_5631.N1	14-JUL-2011 18:21:44	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	49007	No
132	GOM_NL__2PRFIN20110714_182456_000000523104_00286_49007_5632.N1	14-JUL-2011 18:24:56	Straylight	51.500	172	Gam Gru	3.0030	13100.	103	49007	No
133	GOM_NL__2PRFIN20110714_183138_000000453104_00286_49007_5633.N1	14-JUL-2011 18:31:38	Bright	45.000	103	38Zet Sgr	2.6000	9700.0	90	49007	No
134	GOM_NL__2PRFIN20110714_184446_000000413104_00286_49007_5634.N1	14-JUL-2011 18:44:46	Bright	41.000	168	17Zet Aql	2.9860	11000.	82	49007	No
135	GOM_NL__2PRFIN20110714_185148_000000383104_00286_49007_5635.N1	14-JUL-2011 18:51:48	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	49007	No
136	GOM_NL__2PRFIN20110714_185502_000000433104_00286_49007_5636.N1	14-JUL-2011 18:55:02	Bright	42.500	144	18Del Cyg	2.8600	11000.	85	49007	No
137	GOM_NL__2PRFIN20110714_190213_000000453104_00286_49007_5637.N1	14-JUL-2011 19:02:13	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	49007	No
138	GOM_NL__2PRFIN20110714_191059_000000483104_00286_49007_5638.N1	14-JUL-2011 19:10:59	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	49007	No
139	GOM_NL__2PRFIN20110714_191559_000000613104_00286_49007_5639.N1	14-JUL-2011 19:15:59	Bright	61.000	160	23Gam Per	2.9300	4700.0	122	49007	No
140	GOM_NL__2PRFIN20110714_191719_000000603104_00286_49007_5640.N1	14-JUL-2011 19:17:19	Bright	60.000	35	33Alp Per	1.7950	6250.0	120	49007	No
141	GOM_NL__2PRFIN20110714_192014_000000473104_00286_49007_5641.N1	14-JUL-2011 19:20:14	Bright	46.500	79	26Bet Per	2.3100	13100.	93	49007	No
142	GOM_NL__2PRFIN20110714_192306_000000463104_00286_49007_5642.N1	14-JUL-2011 19:23:06	Twi_and_stray	46.000	150	44Zet Per	2.8900	28000.	92	49007	No
143	GOM_NL__2PRFIN20110714_192539_000000443104_00286_49007_5643.N1	14-JUL-2011 19:25:39	Twilight	43.500	146	25Eta Tau	2.8730	15200.	87	49007	No
144	GOM_NL__2PRFIN20110714_192714_000000473104_00286_49007_5644.N1	14-JUL-2011 19:27:14	Twilight	46.500	13	87Alp Tau	0.86700	3800.0	93	49007	No
145	GOM_NL__2PRFIN20110714_193331_000000593104_00286_49007_5645.N1	14-JUL-2011 19:33:31	Dark	58.500	94	92Alp Cet	2.5260	3100.0	117	49007	No
146	GOM_NL__2PRFIN20110714_193636_000000463104_00286_49007_5646.N1	14-JUL-2011 19:36:36	Dark	46.000	165	34Gam Eri	2.9500	3200.0	92	49007	No
147	GOM_NL__2PRFIN20110714_194533_000000433104_00286_49007_5647.N1	14-JUL-2011 19:45:33	Dark	43.000	157	The1Eri	2.9060	9300.0	86	49007	No
148	GOM_NL__2PRFIN20110714_195141_000000493104_00287_49008_5672.N1	14-JUL-2011 19:51:41	Dark	48.500	9	Alp Eri	0.45300	24000.	97	49008	No
149	GOM_NL__2PRFIN20110714_195434_000000573104_00287_49008_5673.N1	14-JUL-2011 19:54:34	Dark	56.500	84	Alp Phe	2.3970	4500.0	113	49008	No
150	GOM_NL__2PRFIN20110714_200023_000000623104_00287_49008_5674.N1	14-JUL-2011 20:00:23	Straylight	62.000	63	Bet Gru	2.1500	2800.0	124	49008	No
151	GOM_NL__2PRFIN20110714_200159_000000473104_00287_49008_5675.N1	14-JUL-2011 20:01:59	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	49008	No
152	GOM_NL__2PRFIN20110714_200511_000000513104_00287_49008_5676.N1	14-JUL-2011 20:05:11	Straylight	51.000	172	Gam Gru	3.0030	13100.	102	49008	No
153	GOM_NL__2PRFIN20110714_201153_000000393104_00287_49008_5677.N1	14-JUL-2011 20:11:53	Bright	39.000	103	38Zet Sgr	2.6000	9700.0	78	49008	No
154	GOM_NL__2PRFIN20110714_202459_000000403104_00287_49008_5678.N1	14-JUL-2011 20:24:59	Bright	40.000	168	17Zet Aql	2.9860	11000.	80	49008	No
155	GOM_NL__2PRFIN20110714_203202_000000383104_00287_49008_5679.N1	14-JUL-2011 20:32:02	Bright	37.500	5	3Alp Lyr	0.033000	11000.	75	49008	No
156	GOM_NL__2PRFIN20110714_203516_000000433104_00287_49008_5680.N1	14-JUL-2011 20:35:16	Bright	42.500	144	18Del Cyg	2.8600	11000.	85	49008	No
157	GOM_NL__2PRFIN20110714_204226_000000433104_00287_49008_5681.N1	14-JUL-2011 20:42:26	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	49008	No
158	GOM_NL__2PRFIN20110714_205113_000000493104_00287_49008_5682.N1	14-JUL-2011 20:51:13	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	49008	No
159	GOM_NL__2PRFIN20110714_205612_000000493104_00287_49008_5683.N1	14-JUL-2011 20:56:12	Bright	48.500	160	23Gam Per	2.9300	4700.0	97	49008	No
160	GOM_NL__2PRFIN20110714_205733_000000443104_00287_49008_5684.N1	14-JUL-2011 20:57:33	Bright	43.500	35	33Alp Per	1.7950	6250.0	87	49008	No

161	GOM_NL__2PRFIN20110714_210028_000000473104_00287_49008_5685.N1	14-JUL-2011 21:00:28	Bright	46.500	79	26Bet Per	2.3100	13100.	93	49008	No
162	GOM_NL__2PRFIN20110714_210320_000000463104_00287_49008_5686.N1	14-JUL-2011 21:03:20	Twilight	45.500	150	44Zet Per	2.8900	28000.	91	49008	No
163	GOM_NL__2PRFIN20110714_210554_000000463104_00287_49008_5687.N1	14-JUL-2011 21:05:54	Twilight	46.000	146	25Eta Tau	2.8730	15200.	92	49008	No
164	GOM_NL__2PRFIN20110714_210728_000000453104_00287_49008_5688.N1	14-JUL-2011 21:07:28	Twilight	45.000	13	87Alp Tau	0.86700	3800.0	90	49008	No
165	GOM_NL__2PRFIN20110714_211345_000000583104_00287_49008_5689.N1	14-JUL-2011 21:13:45	Dark	58.000	94	92Alp Cet	2.5260	3100.0	116	49008	No
166	GOM_NL__2PRFIN20110714_211651_000000493104_00287_49008_5690.N1	14-JUL-2011 21:16:51	Dark	48.500	165	34Gam Eri	2.9500	3200.0	97	49008	No
167	GOM_NL__2PRFIN20110714_212548_000000433104_00287_49008_5691.N1	14-JUL-2011 21:25:48	Dark	42.500	157	The1Eri	2.9060	9300.0	85	49008	No
168	GOM_NL__2PRFIN20110714_213155_000000503104_00288_49009_5685.N1	14-JUL-2011 21:31:55	Dark	50.000	9	Alp Eri	0.45300	24000.	100	49009	No
169	GOM_NL__2PRFIN20110714_213449_000000533104_00288_49009_5686.N1	14-JUL-2011 21:34:49	Dark	53.000	84	Alp Phe	2.3970	4500.0	106	49009	No
170	GOM_NL__2PRFIN20110714_214038_000000643104_00288_49009_5687.N1	14-JUL-2011 21:40:38	Straylight	64.000	63	Bet Gru	2.1500	2800.0	128	49009	No
171	GOM_NL__2PRFIN20110714_214214_000000483104_00288_49009_5688.N1	14-JUL-2011 21:42:14	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	49009	No
172	GOM_NL__2PRFIN20110714_214525_000000533104_00288_49009_5689.N1	14-JUL-2011 21:45:25	Straylight	52.500	172	Gam Gru	3.0030	13100.	105	49009	No
173	GOM_NL__2PRFIN20110714_215212_000000433104_00288_49009_5690.N1	14-JUL-2011 21:52:12	Bright	42.500	103	38Zet Sgr	2.6000	9700.0	85	49009	No
174	GOM_NL__2PRFIN20110714_220513_000000393104_00288_49009_5691.N1	14-JUL-2011 22:05:13	Bright	39.000	168	17Zet Aql	2.9860	11000.	78	49009	No
175	GOM_NL__2PRFIN20110714_221215_000000383104_00288_49009_5692.N1	14-JUL-2011 22:12:15	Bright	37.500	5	3Alp Lyr	0.033000	11000.	75	49009	No
176	GOM_NL__2PRFIN20110714_221529_000000433104_00288_49009_5693.N1	14-JUL-2011 22:15:29	Bright	42.500	144	18Del Cyg	2.8600	11000.	85	49009	No
177	GOM_NL__2PRFIN20110714_222239_000000433104_00288_49009_5694.N1	14-JUL-2011 22:22:39	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	49009	No
178	GOM_NL__2PRFIN20110714_223126_000000483104_00288_49009_5695.N1	14-JUL-2011 22:31:26	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	49009	No
179	GOM_NL__2PRFIN20110714_223626_000000483104_00288_49009_5696.N1	14-JUL-2011 22:36:26	Bright	47.500	160	23Gam Per	2.9300	4700.0	95	49009	No
180	GOM_NL__2PRFIN20110714_223747_000000423104_00288_49009_5697.N1	14-JUL-2011 22:37:47	Bright	41.500	35	33Alp Per	1.7950	6250.0	83	49009	No
181	GOM_NL__2PRFIN20110714_224042_000000513104_00288_49009_5698.N1	14-JUL-2011 22:40:42	Bright	50.500	79	26Bet Per	2.3100	13100.	101	49009	No
182	GOM_NL__2PRFIN20110714_224335_000000453104_00288_49009_5699.N1	14-JUL-2011 22:43:35	Twilight	44.500	150	44Zet Per	2.8900	28000.	89	49009	No
183	GOM_NL__2PRFIN20110714_224608_000000453104_00288_49009_5700.N1	14-JUL-2011 22:46:08	Twilight	45.000	146	25Eta Tau	2.8730	15200.	90	49009	No
184	GOM_NL__2PRFIN20110714_224743_000000463104_00288_49009_5701.N1	14-JUL-2011 22:47:43	Twilight	46.000	13	87Alp Tau	0.86700	3800.0	92	49009	No
185	GOM_NL__2PRFIN20110714_225400_000000543104_00288_49009_5702.N1	14-JUL-2011 22:54:00	Dark	53.500	94	92Alp Cet	2.5260	3100.0	107	49009	No
186	GOM_NL__2PRFIN20110714_225705_000000473104_00288_49009_5703.N1	14-JUL-2011 22:57:05	Dark	47.000	165	34Gam Eri	2.9500	3200.0	94	49009	No
187	GOM_NL__2PRFIN20110714_230602_000000433104_00288_49009_5704.N1	14-JUL-2011 23:06:02	Dark	42.500	157	The1Eri	2.9060	9300.0	85	49009	No
188	GOM_NL__2PRFIN20110714_231210_000000433104_00289_49010_5696.N1	14-JUL-2011 23:12:10	Dark	42.500	9	Alp Eri	0.45300	24000.	85	49010	No
189	GOM_NL__2PRFIN20110714_231504_000000553104_00289_49010_5697.N1	14-JUL-2011 23:15:04	Dark	55.000	84	Alp Phe	2.3970	4500.0	110	49010	No
190	GOM_NL__2PRFIN20110714_232052_000000543104_00289_49010_5698.N1	14-JUL-2011 23:20:52	Straylight	54.000	63	Bet Gru	2.1500	2800.0	108	49010	No
191	GOM_NL__2PRFIN20110714_232228_000000493104_00289_49010_5699.N1	14-JUL-2011 23:22:28	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	49010	No
192	GOM_NL__2PRFIN20110714_232540_000000523104_00289_49010_5700.N1	14-JUL-2011 23:25:40	Straylight	51.500	172	Gam Gru	3.0030	13100.	103	49010	No
193	GOM_NL__2PRFIN20110714_233449_000000403104_00289_49010_5701.N1	14-JUL-2011 23:34:49	Bright	40.000	155	41Pi Sgr	2.9000	6600.0	80	49010	No
194	GOM_NL__2PRFIN20110714_234527_000000403104_00289_49010_5702.N1	14-JUL-2011 23:45:27	Bright	39.500	168	17Zet Aql	2.9860	11000.	79	49010	No
195	GOM_NL__2PRFIN20110714_235229_000000553104_00289_49010_5703.N1	14-JUL-2011 23:52:29	Bright	55.000	5	3Alp Lyr	0.033000	11000.	110	49010	No
196	GOM_NL__2PRFIN20110714_235543_000000433104_00289_49010_5704.N1	14-JUL-2011 23:55:43	Bright	43.000	144	18Del Cyg	2.8600	11000.	86	49010	No

3. Quality information per product

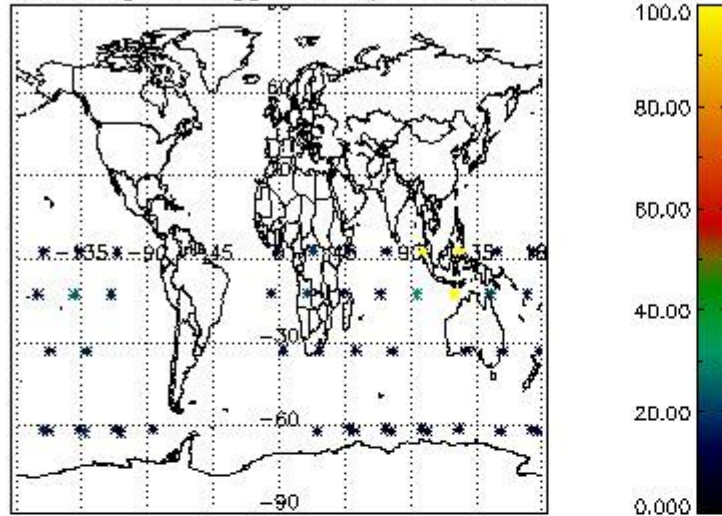
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

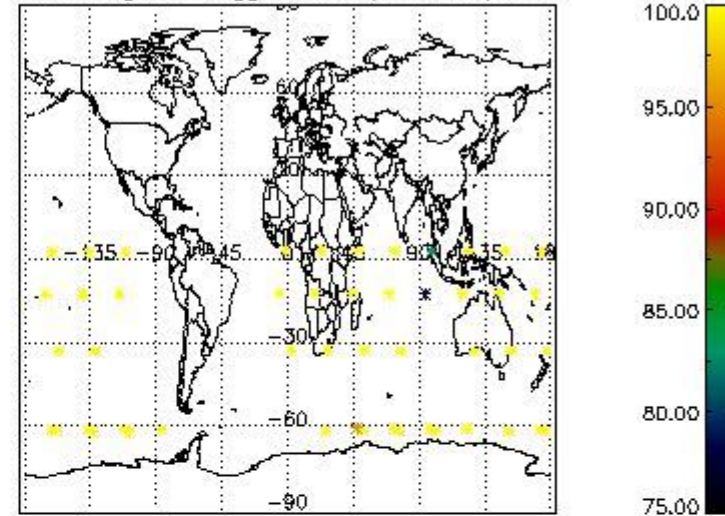


3.2 Plot quality information per product (world map)

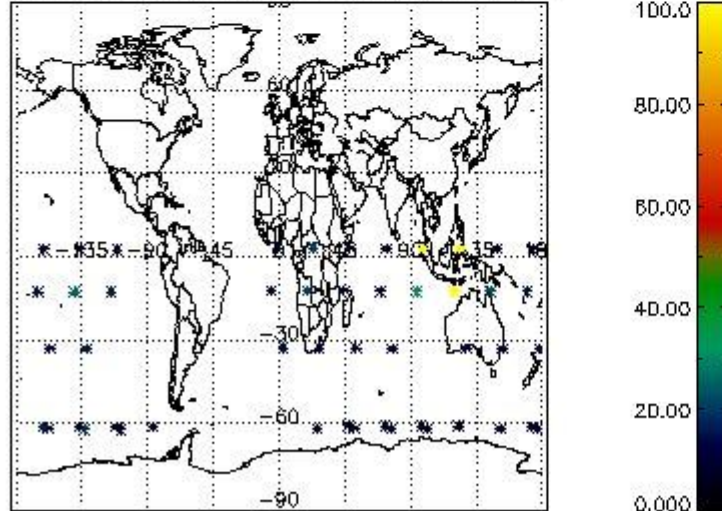
Percentage of flagged data per O3 profile



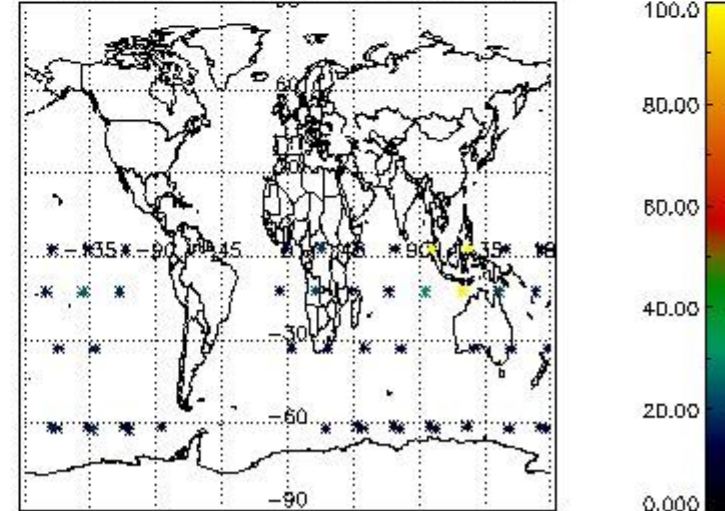
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

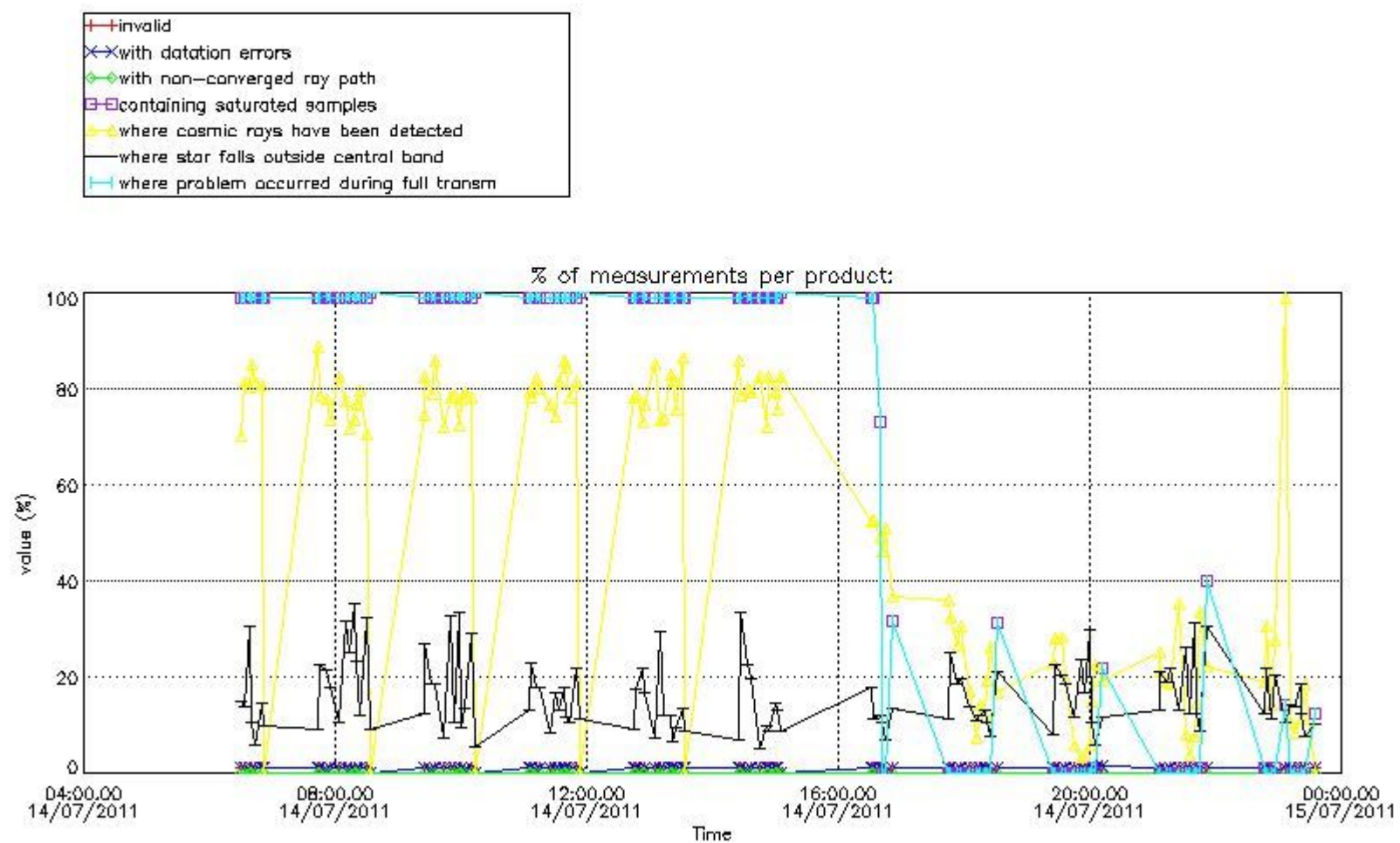


4. Level 1 quality information per product

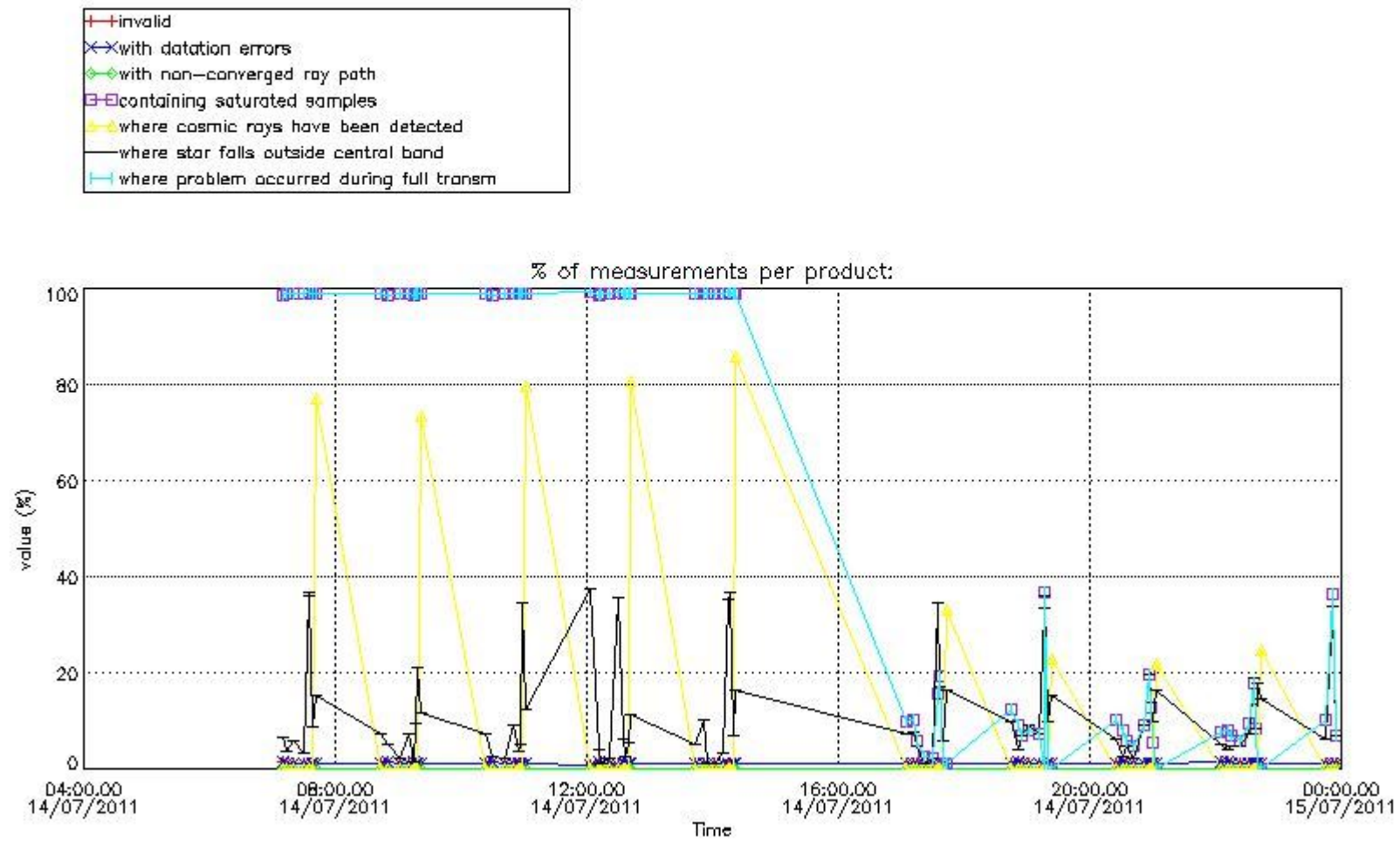
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

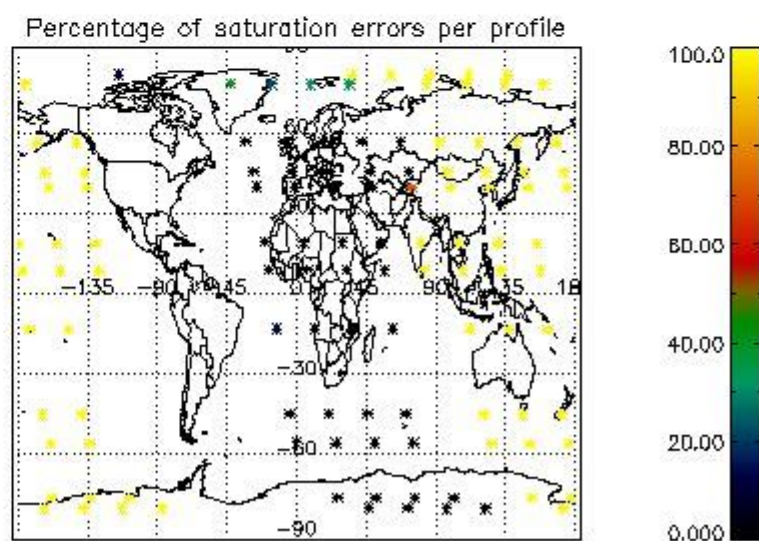
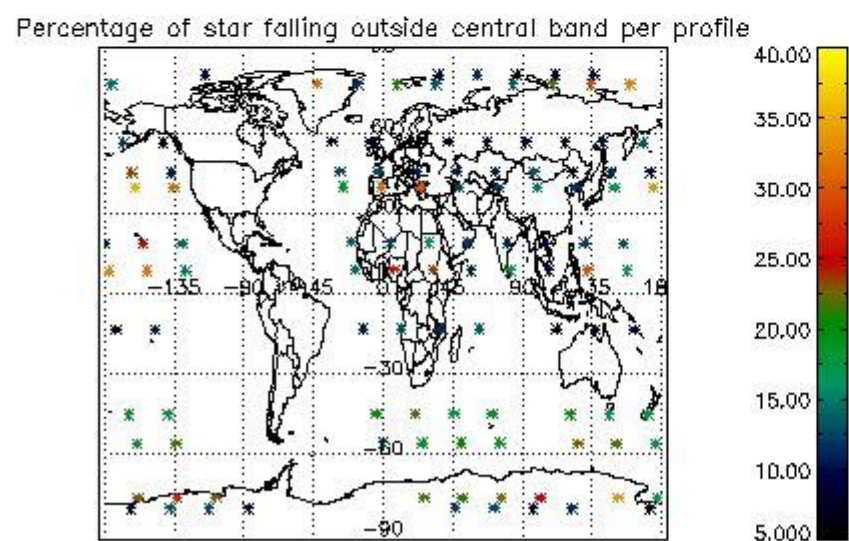
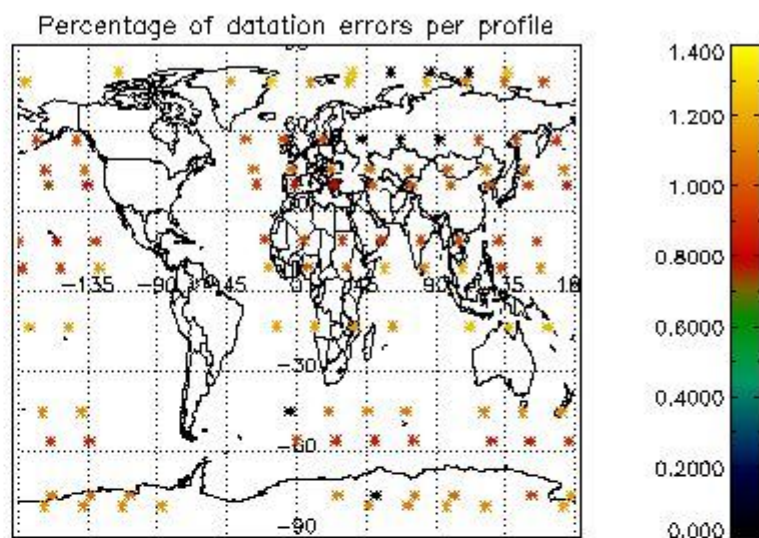
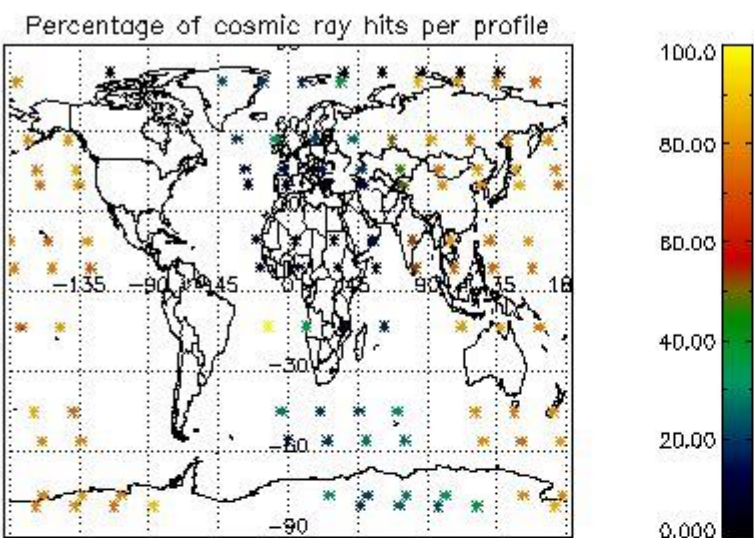


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



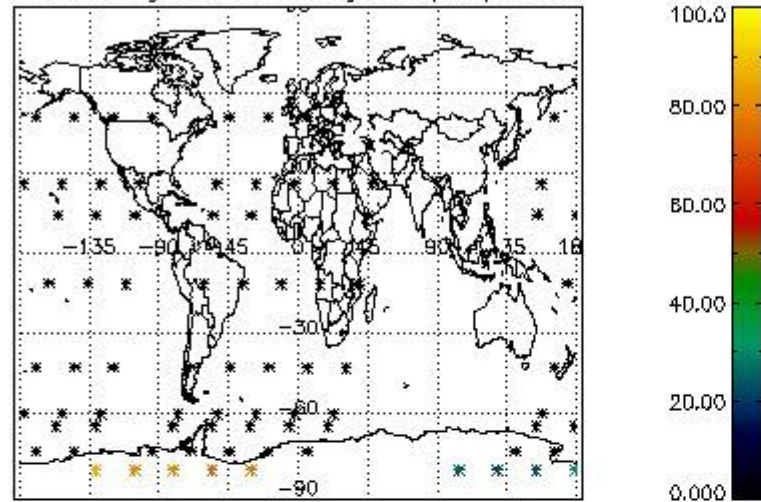
4.2 Plot quality information per product coming from level 1b processing (world map)

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

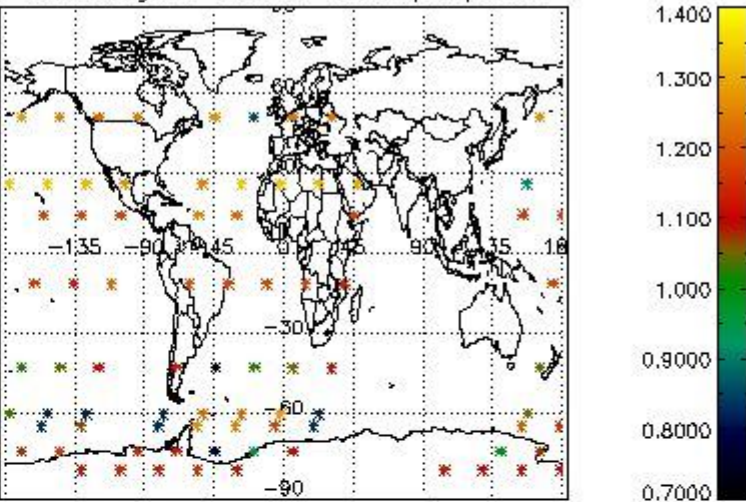


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

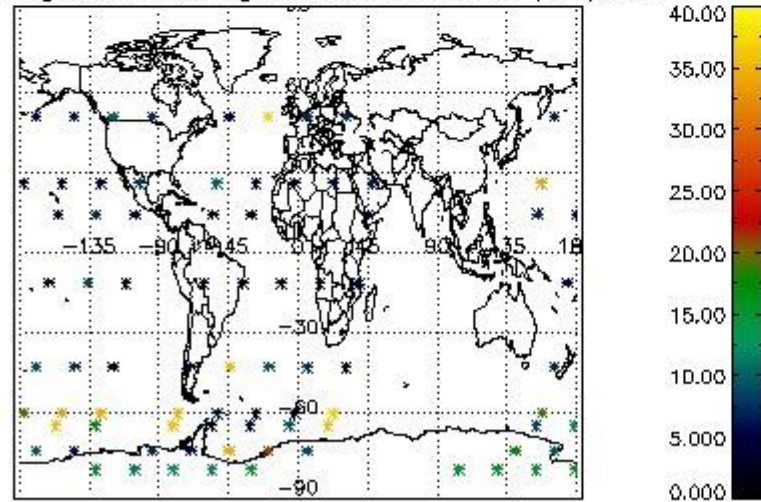
Percentage of cosmic ray hits per profile



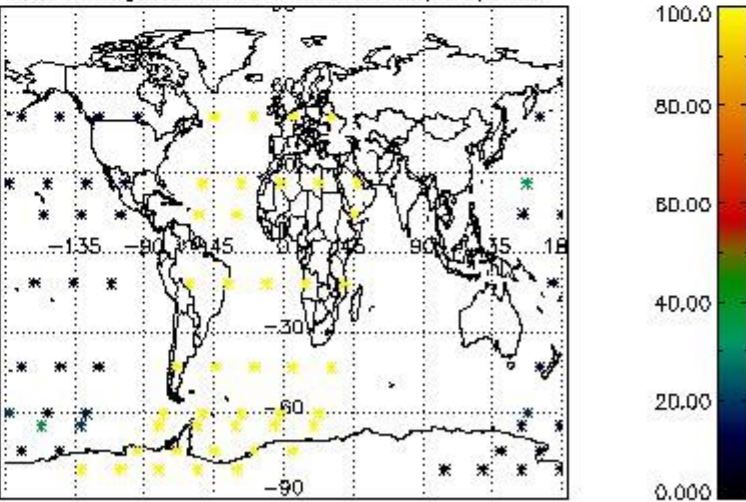
Percentage of datation errors per profile



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

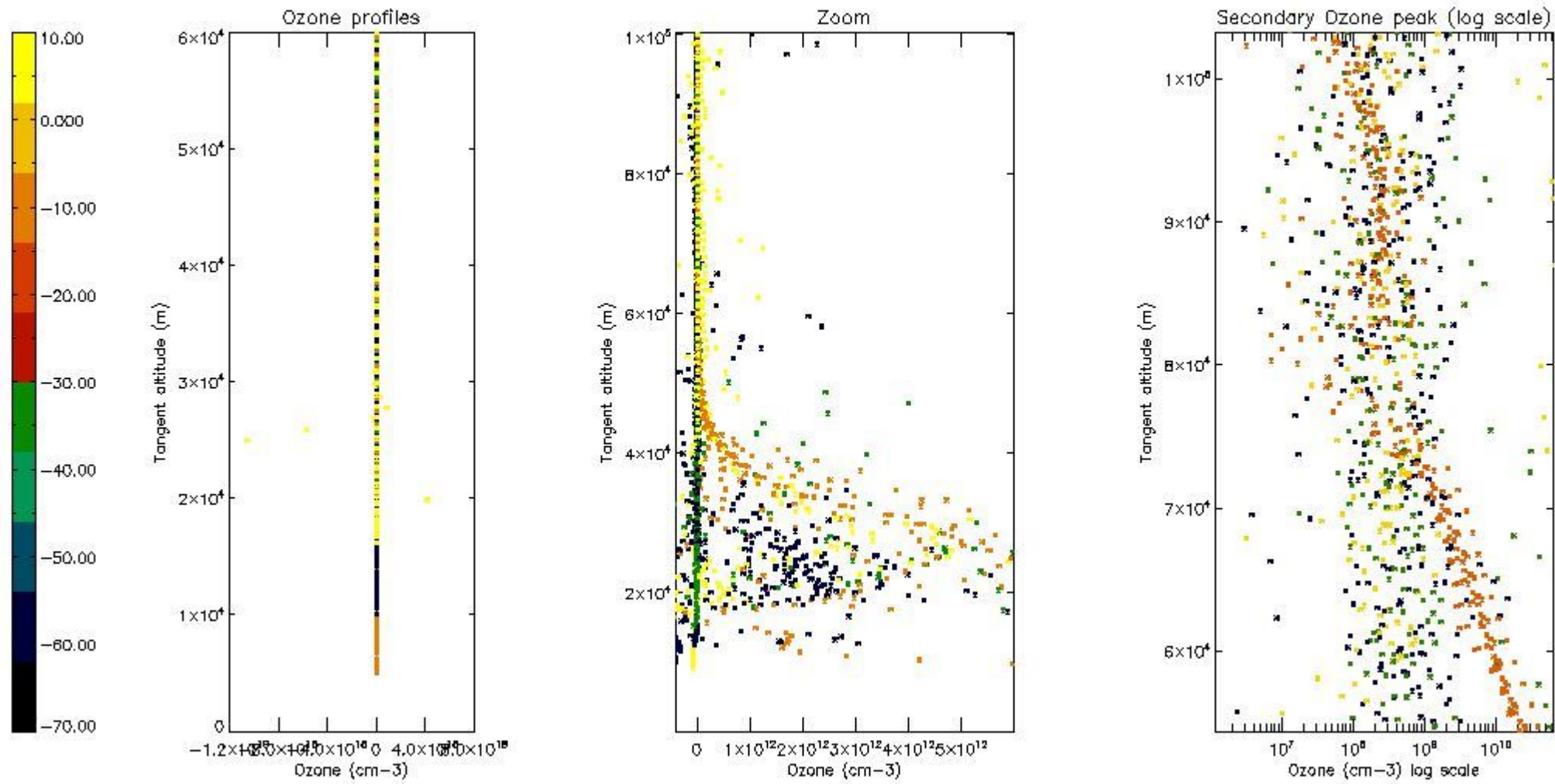
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	25
STD < 20	4

STD < 10	2
STD < 5	1

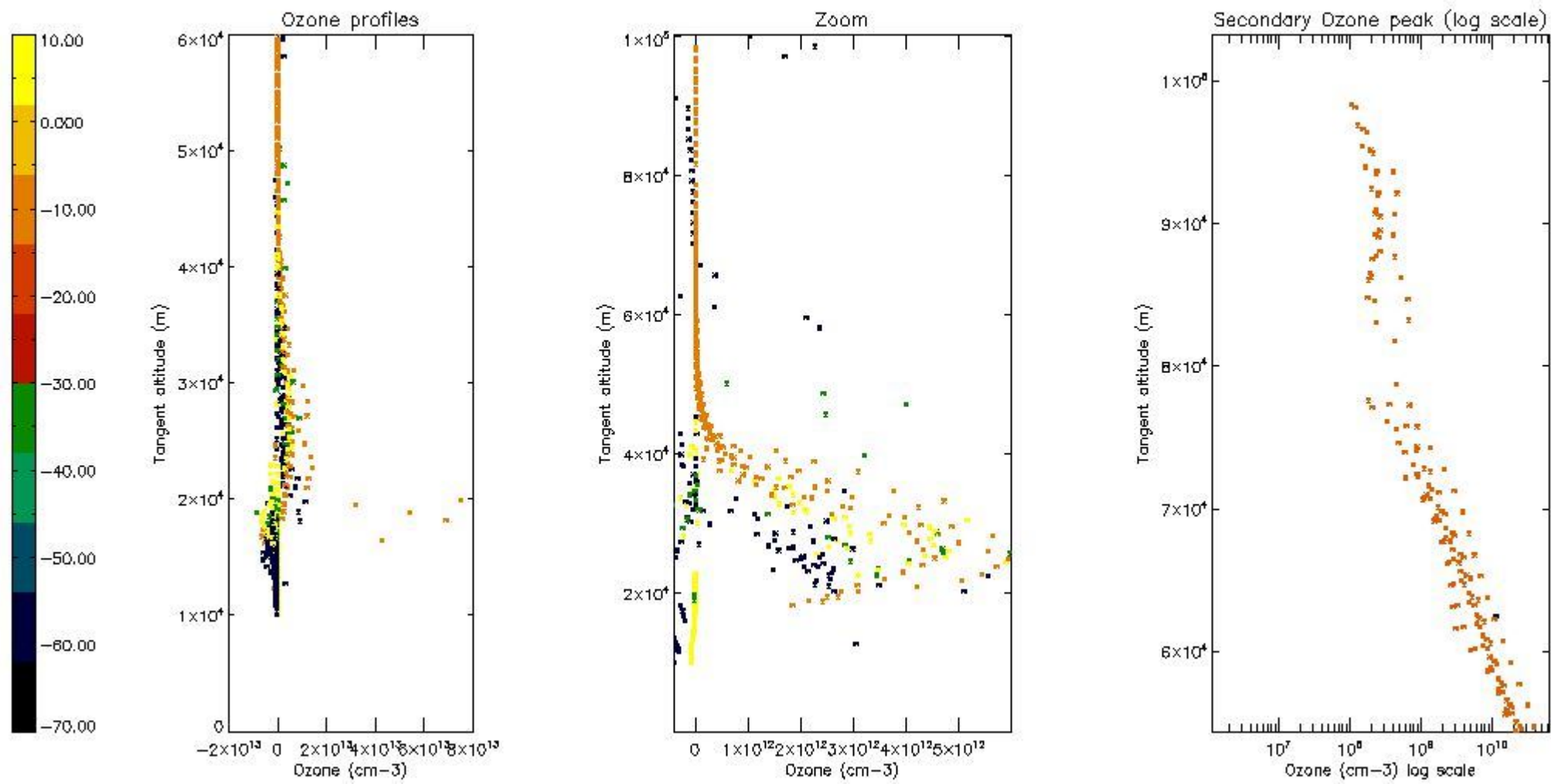
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



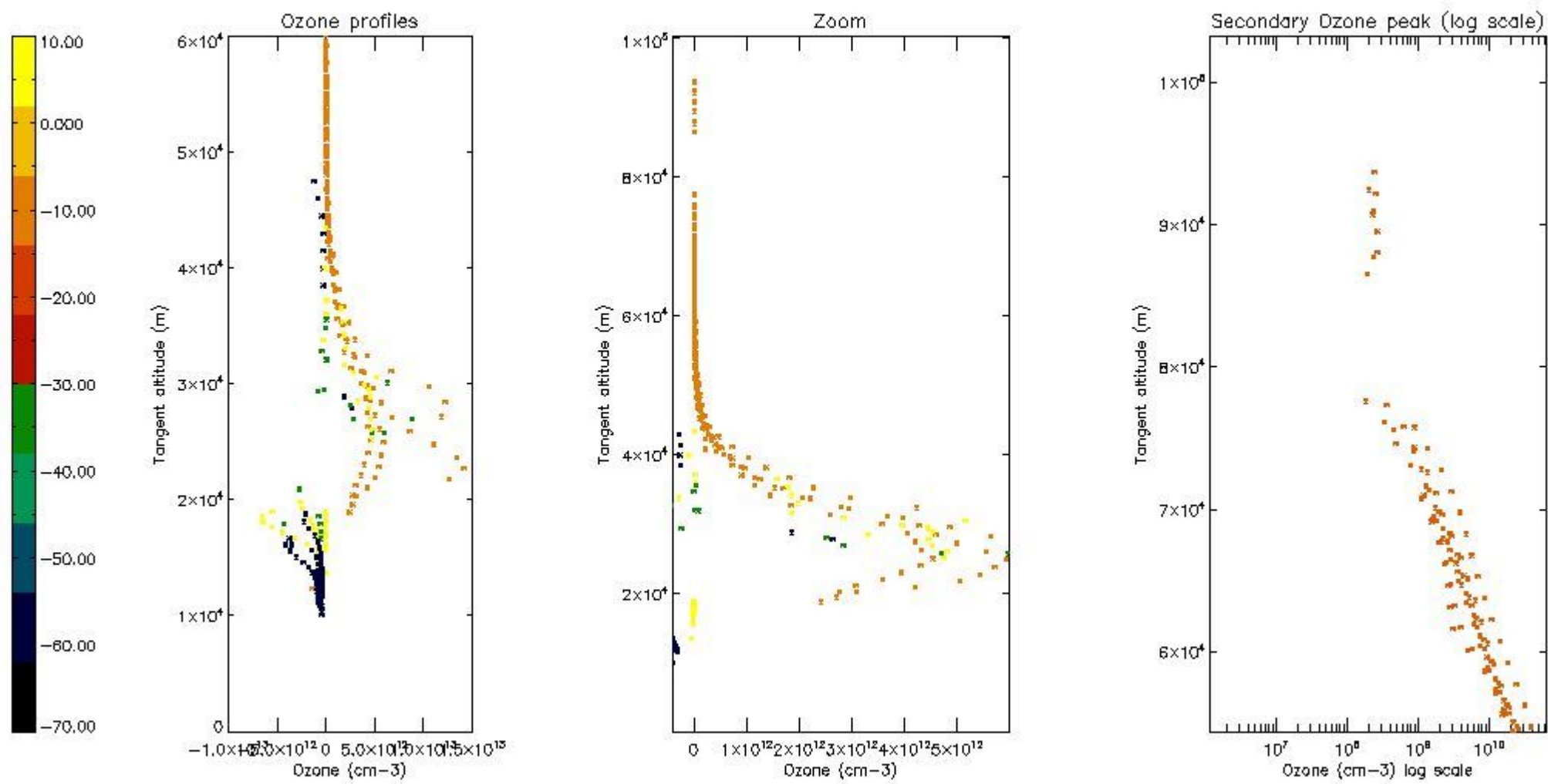
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



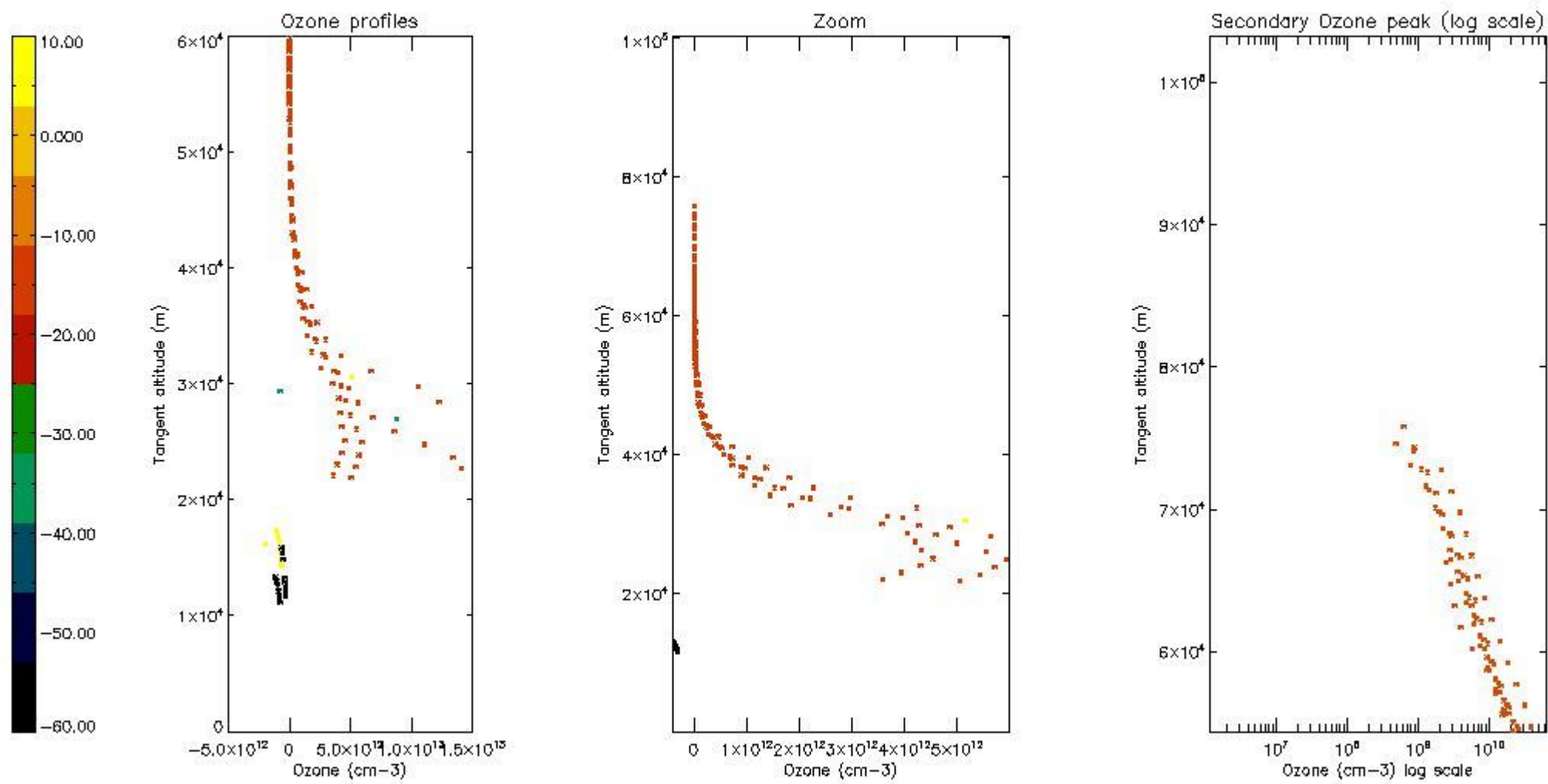
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



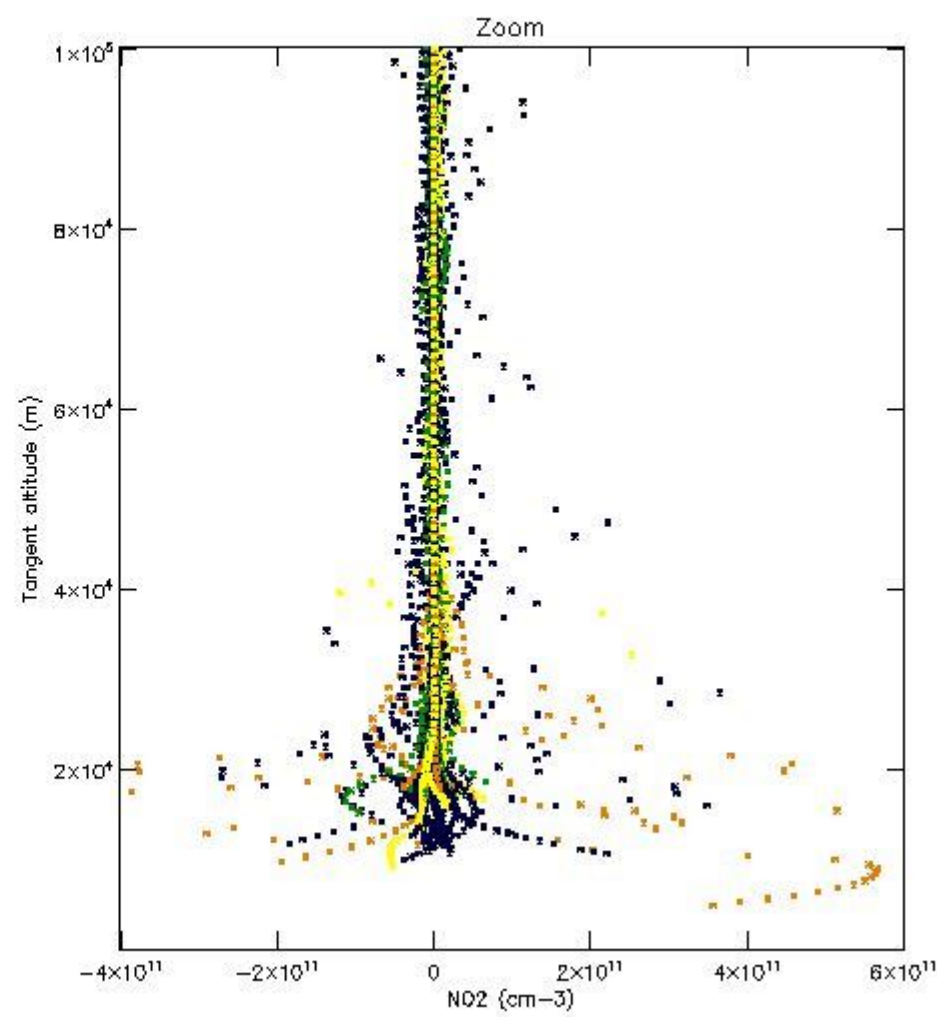
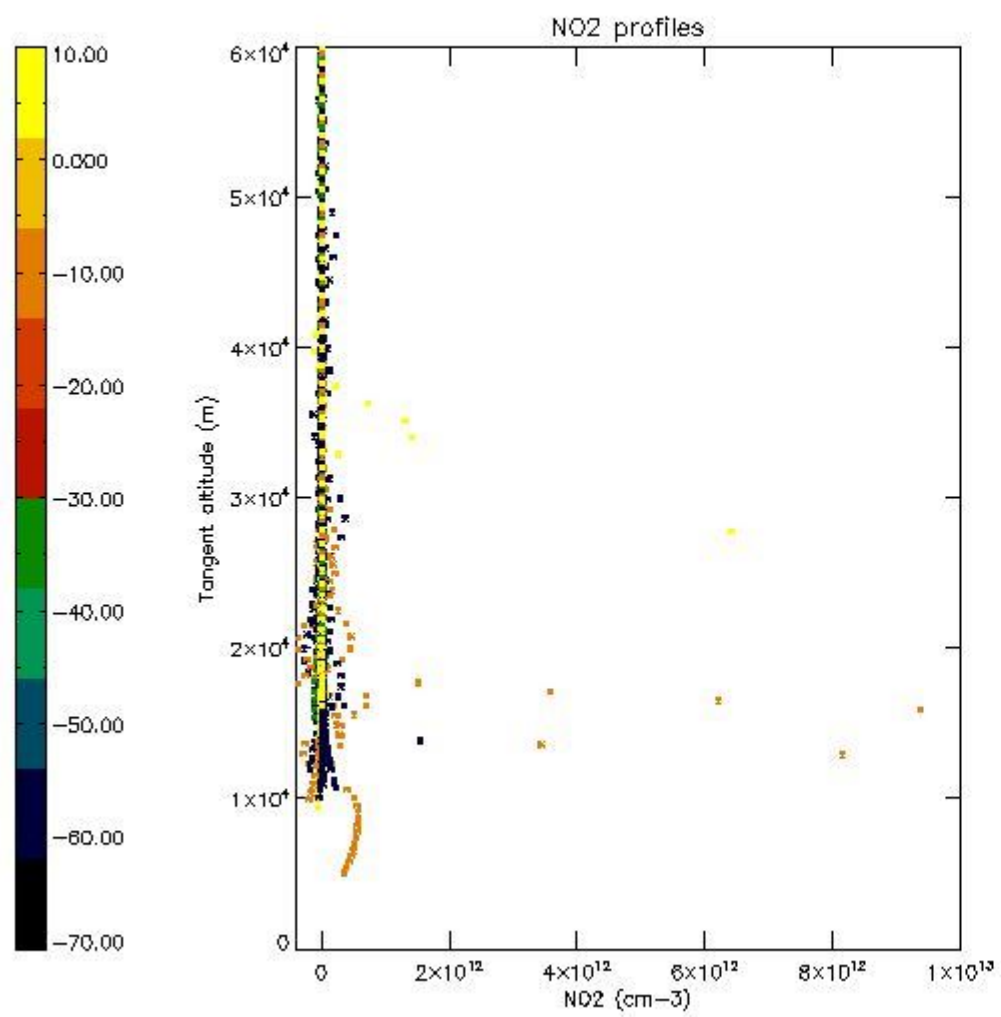
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



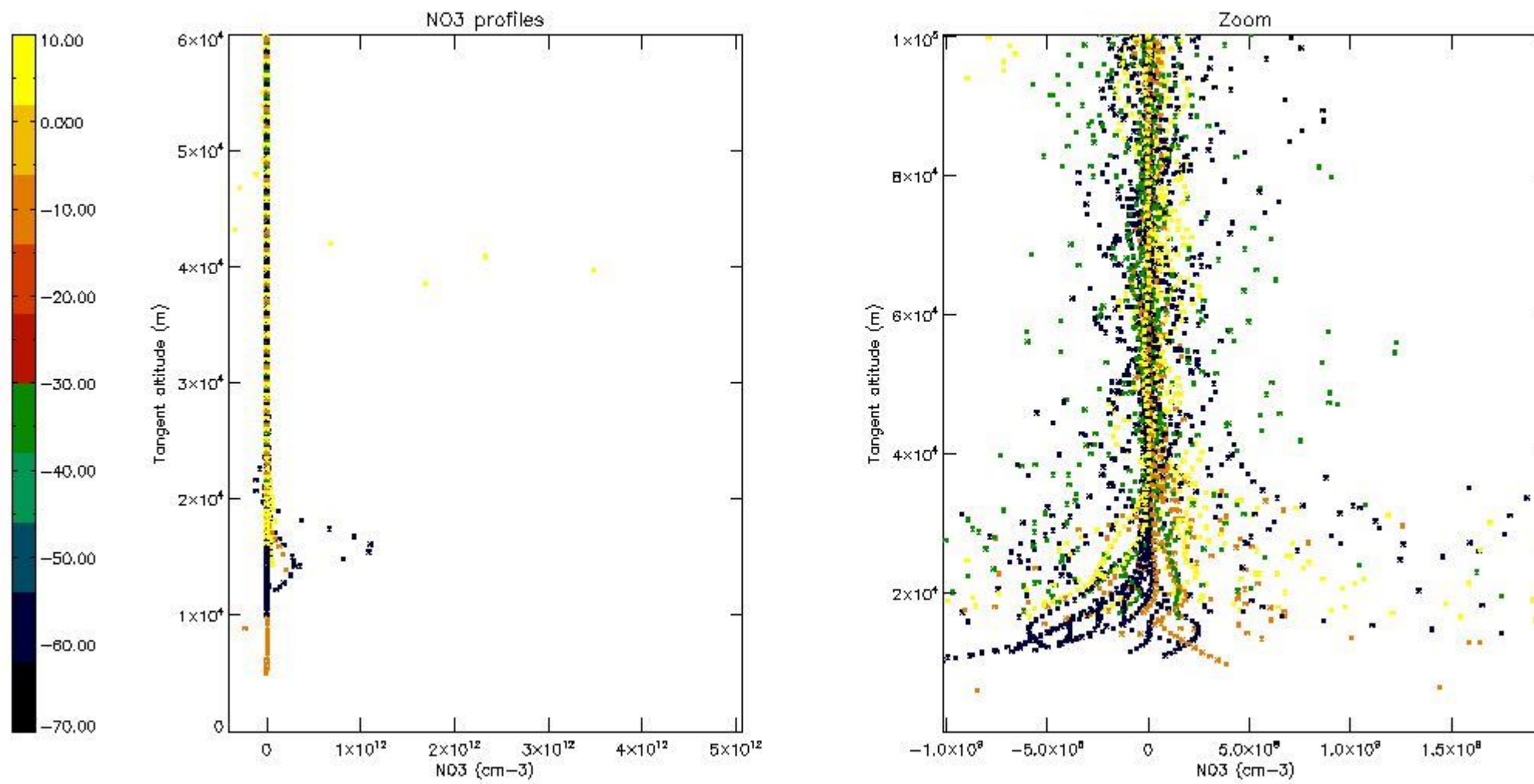
5.6 Plot NO₂ profiles for all STD (dark without errors)

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	14-JUL-2011 06:29:44
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	14-JUL-2011 06:29:44
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	14-JUL-2011 06:29:44

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 \(time dependant\)](#)

[3.2 Plot of level 2 quality information per product \(world map\)](#)

[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](#)

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

[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](#)

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

[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	24APR2013 15:45:43
Data source version	GOMOS/6.01
Start time of products	14-07-2011 (14JUL2011 00:00:00)
Stop time of products	15-07-2011 (15JUL2011 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	196
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__2PRFIN20110714_062944_000000443104_00279_49000_5389.N1	14-JUL-2011 06:29:44	Dark	43.500	9	Alp Eri	0.45300	24000.	87	49000	No
2	GOM_NL__2PRFIN20110714_063233_000000543104_00279_49000_5390.N1	14-JUL-2011 06:32:33	Dark	54.000	84	Alp Phe	2.3970	4500.0	108	49000	No
3	GOM_NL__2PRFIN20110714_063824_000000643104_00279_49000_5391.N1	14-JUL-2011 06:38:24	Straylight	63.500	63	Bet Gru	2.1500	2800.0	127	49000	No
4	GOM_NL__2PRFIN20110714_064001_000000483104_00279_49000_5392.N1	14-JUL-2011 06:40:01	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	49000	No
5	GOM_NL__2PRFIN20110714_064313_000000513104_00279_49000_5393.N1	14-JUL-2011 06:43:13	Straylight	51.000	172	Gam Gru	3.0030	13100.	102	49000	No
6	GOM_NL__2PRFIN20110714_064958_000000423104_00279_49000_5394.N1	14-JUL-2011 06:49:58	Bright	41.500	103	38Zet Sgr	2.6000	9700.0	83	49000	No
7	GOM_NL__2PRFIN20110714_065228_000000413104_00279_49000_5395.N1	14-JUL-2011 06:52:28	Bright	40.500	155	41Pi Sgr	2.9000	6600.0	81	49000	No
8	GOM_NL__2PRFIN20110714_071011_000000393104_00279_49000_5396.N1	14-JUL-2011 07:10:11	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	49000	No
9	GOM_NL__2PRFIN20110714_071328_000000433104_00279_49000_5397.N1	14-JUL-2011 07:13:28	Bright	42.500	144	18Del Cyg	2.8600	11000.	85	49000	No
10	GOM_NL__2PRFIN20110714_072039_000000443104_00279_49000_5398.N1	14-JUL-2011 07:20:39	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	49000	No
11	GOM_NL__2PRFIN20110714_072925_000000463104_00279_49000_5399.N1	14-JUL-2011 07:29:25	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	49000	No
12	GOM_NL__2PRFIN20110714_073422_000000613104_00279_49000_5400.N1	14-JUL-2011 07:34:22	Bright	61.000	160	23Gam Per	2.9300	4700.0	122	49000	No
13	GOM_NL__2PRFIN20110714_073542_000000603104_00279_49000_5401.N1	14-JUL-2011 07:35:42	Bright	60.000	35	33Alp Per	1.7950	6250.0	120	49000	No
14	GOM_NL__2PRFIN20110714_073836_000000463104_00279_49000_5402.N1	14-JUL-2011 07:38:36	Bright	46.000	79	26Bet Per	2.3100	13100.	92	49000	No
15	GOM_NL__2PRFIN20110714_074127_000000463104_00279_49000_5403.N1	14-JUL-2011 07:41:27	Twilight	46.000	150	44Zet Per	2.8900	28000.	92	49000	No
16	GOM_NL__2PRFIN20110714_074400_000000443104_00279_49000_5404.N1	14-JUL-2011 07:44:00	Twilight	44.000	146	25Eta Tau	2.8730	15200.	88	49000	No
17	GOM_NL__2PRFIN20110714_074535_000000473104_00279_49000_5405.N1	14-JUL-2011 07:45:35	Twilight	46.500	13	87Alp Tau	0.86700	3800.0	93	49000	No
18	GOM_NL__2PRFIN20110714_075148_000000593104_00279_49000_5406.N1	14-JUL-2011 07:51:48	Dark	58.500	94	92Alp Cet	2.5260	3100.0	117	49000	No
19	GOM_NL__2PRFIN20110714_075455_000000453104_00279_49000_5407.N1	14-JUL-2011 07:54:55	Dark	45.000	165	34Gam Eri	2.9500	3200.0	90	49000	No
20	GOM_NL__2PRFIN20110714_080350_000000433104_00279_49000_5408.N1	14-JUL-2011 08:03:50	Dark	43.000	157	The1Eri	2.9060	9300.0	86	49000	No
21	GOM_NL__2PRFIN20110714_080959_000000543104_00280_49001_5415.N1	14-JUL-2011 08:09:59	Dark	53.500	9	Alp Eri	0.45300	24000.	107	49001	No
22	GOM_NL__2PRFIN20110714_081248_000000623104_00280_49001_5416.N1	14-JUL-2011 08:12:48	Dark	62.000	84	Alp Phe	2.3970	4500.0	124	49001	No
23	GOM_NL__2PRFIN20110714_081839_000000683104_00280_49001_5417.N1	14-JUL-2011 08:18:39	Straylight	68.000	63	Bet Gru	2.1500	2800.0	136	49001	No
24	GOM_NL__2PRFIN20110714_082016_000000563104_00280_49001_5418.N1	14-JUL-2011 08:20:16	Straylight	55.500	31	Alp Gru	1.7340	15200.	111	49001	No
25	GOM_NL__2PRFIN20110714_082327_000000553104_00280_49001_5419.N1	14-JUL-2011 08:23:27	Straylight	54.500	172	Gam Gru	3.0030	13100.	109	49001	No
26	GOM_NL__2PRFIN20110714_083013_000000533104_00280_49001_5420.N1	14-JUL-2011 08:30:13	Bright	52.500	103	38Zet Sgr	2.6000	9700.0	105	49001	No
27	GOM_NL__2PRFIN20110714_083242_000000393104_00280_49001_5421.N1	14-JUL-2011 08:32:42	Bright	39.000	155	41Pi Sgr	2.9000	6600.0	78	49001	No
28	GOM_NL__2PRFIN20110714_084323_000000413104_00280_49001_5422.N1	14-JUL-2011 08:43:23	Bright	40.500	168	17Zet Aql	2.9860	11000.	81	49001	No
29	GOM_NL__2PRFIN20110714_085025_000000383104_00280_49001_5423.N1	14-JUL-2011 08:50:25	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	49001	No
30	GOM_NL__2PRFIN20110714_090052_000000433104_00280_49001_5424.N1	14-JUL-2011 09:00:52	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	49001	No
31	GOM_NL__2PRFIN20110714_090939_000000483104_00280_49001_5425.N1	14-JUL-2011 09:09:39	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	49001	No
32	GOM_NL__2PRFIN20110714_091436_000000393104_00280_49001_5426.N1	14-JUL-2011 09:14:36	Bright	39.000	160	23Gam Per	2.9300	4700.0	78	49001	No
33	GOM_NL__2PRFIN20110714_091556_000000433104_00280_49001_5427.N1	14-JUL-2011 09:15:56	Bright	42.500	35	33Alp Per	1.7950	6250.0	85	49001	No
34	GOM_NL__2PRFIN20110714_091850_000000533104_00280_49001_5428.N1	14-JUL-2011 09:18:50	Bright	52.500	79	26Bet Per	2.3100	13100.	105	49001	No
35	GOM_NL__2PRFIN20110714_092142_000000443104_00280_49001_5429.N1	14-JUL-2011 09:21:42	Twilight	43.500	150	44Zet Per	2.8900	28000.	87	49001	No
36	GOM_NL__2PRFIN20110714_092414_000000453104_00280_49001_5430.N1	14-JUL-2011 09:24:14	Twilight	45.000	146	25Eta Tau	2.8730	15200.	90	49001	No
37	GOM_NL__2PRFIN20110714_092549_000000493104_00280_49001_5431.N1	14-JUL-2011 09:25:49	Twilight	48.500	13	87Alp Tau	0.86700	3800.0	97	49001	No
38	GOM_NL__2PRFIN20110714_093202_000000573104_00280_49001_5432.N1	14-JUL-2011 09:32:02	Dark	57.000	94	92Alp Cet	2.5260	3100.0	114	49001	No
39	GOM_NL__2PRFIN20110714_093509_000000463104_00280_49001_5433.N1	14-JUL-2011 09:35:09	Dark	45.500	165	34Gam Eri	2.9500	3200.0	91	49001	No
40	GOM_NL__2PRFIN20110714_094405_000000413104_00280_49001_5434.N1	14-JUL-2011 09:44:05	Dark	41.000	157	The1Eri	2.9060	9300.0	82	49001	No
41	GOM_NL__2PRFIN20110714_095013_000000553104_00281_49002_5454.N1	14-JUL-2011 09:50:13	Dark	55.000	9	Alp Eri	0.45300	24000.	110	49002	No
42	GOM_NL__2PRFIN20110714_095304_000000533104_00281_49002_5455.N1	14-JUL-2011 09:53:04	Dark	52.500	84	Alp Phe	2.3970	4500.0	105	49002	No

43	GOM_NL__2PRFIN20110714_095854_000000663104_00281_49002_5456.N1	14-JUL-2011 09:58:54	Straylight	65.500	63	Bet Gru	2.1500	2800.0	131	49002	No
44	GOM_NL__2PRFIN20110714_100031_000000473104_00281_49002_5457.N1	14-JUL-2011 10:00:31	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	49002	No
45	GOM_NL__2PRFIN20110714_100342_000000563104_00281_49002_5458.N1	14-JUL-2011 10:03:42	Straylight	55.500	172	Gam Gru	3.0030	13100.	111	49002	No
46	GOM_NL__2PRFIN20110714_101027_000000503104_00281_49002_5459.N1	14-JUL-2011 10:10:27	Bright	50.000	103	38Zet Sgr	2.6000	9700.0	100	49002	No
47	GOM_NL__2PRFIN20110714_101256_000000383104_00281_49002_5460.N1	14-JUL-2011 10:12:56	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	49002	No
48	GOM_NL__2PRFIN20110714_102337_000000413104_00281_49002_5461.N1	14-JUL-2011 10:23:37	Bright	40.500	168	17Zet Aql	2.9860	11000.	81	49002	No
49	GOM_NL__2PRFIN20110714_103039_000000383104_00281_49002_5462.N1	14-JUL-2011 10:30:39	Bright	37.500	5	3Alp Lyr	0.033000	11000.	75	49002	No
50	GOM_NL__2PRFIN20110714_104106_000000433104_00281_49002_5463.N1	14-JUL-2011 10:41:06	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	49002	No
51	GOM_NL__2PRFIN20110714_104952_000000493104_00281_49002_5464.N1	14-JUL-2011 10:49:52	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	49002	No
52	GOM_NL__2PRFIN20110714_105450_000000413104_00281_49002_5465.N1	14-JUL-2011 10:54:50	Bright	41.000	160	23Gam Per	2.9300	4700.0	82	49002	No
53	GOM_NL__2PRFIN20110714_105610_000000403104_00281_49002_5466.N1	14-JUL-2011 10:56:10	Bright	40.000	35	33Alp Per	1.7950	6250.0	80	49002	No
54	GOM_NL__2PRFIN20110714_105904_000000643104_00281_49002_5467.N1	14-JUL-2011 10:59:04	Bright	64.000	79	26Bet Per	2.3100	13100.	128	49002	No
55	GOM_NL__2PRFIN20110714_110156_000000453104_00281_49002_5468.N1	14-JUL-2011 11:01:56	Twilight	44.500	150	44Zet Per	2.8900	28000.	89	49002	No
56	GOM_NL__2PRFIN20110714_110428_000000463104_00281_49002_5469.N1	14-JUL-2011 11:04:28	Twilight	46.000	146	25Eta Tau	2.8730	15200.	92	49002	No
57	GOM_NL__2PRFIN20110714_110603_000000463104_00281_49002_5470.N1	14-JUL-2011 11:06:03	Twilight	46.000	13	87Alp Tau	0.86700	3800.0	92	49002	No
58	GOM_NL__2PRFIN20110714_111217_000000573104_00281_49002_5471.N1	14-JUL-2011 11:12:17	Dark	56.500	94	92Alp Cet	2.5260	3100.0	113	49002	No
59	GOM_NL__2PRFIN20110714_111524_000000453104_00281_49002_5472.N1	14-JUL-2011 11:15:24	Dark	45.000	165	34Gam Eri	2.9500	3200.0	90	49002	No
60	GOM_NL__2PRFIN20110714_112420_000000413104_00281_49002_5473.N1	14-JUL-2011 11:24:20	Dark	41.000	157	The1Eri	2.9060	9300.0	82	49002	No
61	GOM_NL__2PRFIN20110714_113028_000000453104_00282_49003_5519.N1	14-JUL-2011 11:30:28	Dark	44.500	9	Alp Eri	0.45300	24000.	89	49003	No
62	GOM_NL__2PRFIN20110714_113319_000000543104_00282_49003_5520.N1	14-JUL-2011 11:33:19	Dark	54.000	84	Alp Phe	2.3970	4500.0	108	49003	No
63	GOM_NL__2PRFIN20110714_113909_000000543104_00282_49003_5521.N1	14-JUL-2011 11:39:09	Straylight	53.500	63	Bet Gru	2.1500	2800.0	107	49003	No
64	GOM_NL__2PRFIN20110714_114046_000000483104_00282_49003_5522.N1	14-JUL-2011 11:40:46	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	49003	No
65	GOM_NL__2PRFIN20110714_114357_000000533104_00282_49003_5523.N1	14-JUL-2011 11:43:57	Straylight	53.000	172	Gam Gru	3.0030	13100.	106	49003	No
66	GOM_NL__2PRFIN20110714_115041_000000463104_00282_49003_5524.N1	14-JUL-2011 11:50:41	Bright	45.500	103	38Zet Sgr	2.6000	9700.0	91	49003	No
67	GOM_NL__2PRFIN20110714_115310_000000403104_00282_49003_5525.N1	14-JUL-2011 11:53:10	Bright	39.500	155	41Pi Sgr	2.9000	6600.0	79	49003	No
68	GOM_NL__2PRFIN20110714_120350_000000593104_00282_49003_5526.N1	14-JUL-2011 12:03:50	Bright	59.000	168	17Zet Aql	2.9860	11000.	118	49003	No
69	GOM_NL__2PRFIN20110714_121053_000000383104_00282_49003_5527.N1	14-JUL-2011 12:10:53	Bright	37.500	5	3Alp Lyr	0.033000	11000.	75	49003	No
70	GOM_NL__2PRFIN20110714_121409_000000413104_00282_49003_5528.N1	14-JUL-2011 12:14:09	Bright	41.000	144	18Del Cyg	2.8600	11000.	82	49003	No
71	GOM_NL__2PRFIN20110714_122119_000000433104_00282_49003_5529.N1	14-JUL-2011 12:21:19	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	49003	No
72	GOM_NL__2PRFIN20110714_123006_000000693104_00282_49003_5530.N1	14-JUL-2011 12:30:06	Bright	69.000	76	27Gam Cas	2.3000	30000.	138	49003	No
73	GOM_NL__2PRFIN20110714_123503_000000413104_00282_49003_5531.N1	14-JUL-2011 12:35:03	Bright	41.000	160	23Gam Per	2.9300	4700.0	82	49003	No
74	GOM_NL__2PRFIN20110714_123624_000000403104_00282_49003_5532.N1	14-JUL-2011 12:36:24	Bright	39.500	35	33Alp Per	1.7950	6250.0	79	49003	No
75	GOM_NL__2PRFIN20110714_123918_000000453104_00282_49003_5533.N1	14-JUL-2011 12:39:18	Bright	44.500	79	26Bet Per	2.3100	13100.	89	49003	No
76	GOM_NL__2PRFIN20110714_124210_000000443104_00282_49003_5534.N1	14-JUL-2011 12:42:10	Twilight	44.000	150	44Zet Per	2.8900	28000.	88	49003	No
77	GOM_NL__2PRFIN20110714_124442_000000443104_00282_49003_5535.N1	14-JUL-2011 12:44:42	Twilight	43.500	146	25Eta Tau	2.8730	15200.	87	49003	No
78	GOM_NL__2PRFIN20110714_124617_000000433104_00282_49003_5536.N1	14-JUL-2011 12:46:17	Twilight	43.000	13	87Alp Tau	0.86700	3800.0	86	49003	No
79	GOM_NL__2PRFIN20110714_125232_000000603104_00282_49003_5537.N1	14-JUL-2011 12:52:32	Dark	59.500	94	92Alp Cet	2.5260	3100.0	119	49003	No
80	GOM_NL__2PRFIN20110714_125538_000000453104_00282_49003_5538.N1	14-JUL-2011 12:55:38	Dark	45.000	165	34Gam Eri	2.9500	3200.0	90	49003	No
81	GOM_NL__2PRFIN20110714_130434_000000413104_00282_49003_5539.N1	14-JUL-2011 13:04:34	Dark	40.500	157	The1Eri	2.9060	9300.0	81	49003	No
82	GOM_NL__2PRFIN20110714_131042_000000533104_00283_49004_5537.N1	14-JUL-2011 13:10:42	Dark	52.500	9	Alp Eri	0.45300	24000.	105	49004	No
83	GOM_NL__2PRFIN20110714_131334_000000543104_00283_49004_5538.N1	14-JUL-2011 13:13:34	Dark	53.500	84	Alp Phe	2.3970	4500.0	107	49004	No
84	GOM_NL__2PRFIN20110714_131923_000000503104_00283_49004_5539.N1	14-JUL-2011 13:19:23	Straylight	49.500	63	Bet Gru	2.1500	2800.0	99	49004	No
85	GOM_NL__2PRFIN20110714_132100_000000463104_00283_49004_5540.N1	14-JUL-2011 13:21:00	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	49004	No
86	GOM_NL__2PRFIN20110714_132411_000000533104_00283_49004_5541.N1	14-JUL-2011 13:24:11	Straylight	53.000	172	Gam Gru	3.0030	13100.	106	49004	No
87	GOM_NL__2PRFIN20110714_133055_000000413104_00283_49004_5542.N1	14-JUL-2011 13:30:55	Bright	40.500	103	38Zet Sgr	2.6000	9700.0	81	49004	No
88	GOM_NL__2PRFIN20110714_133324_000000403104_00283_49004_5543.N1	14-JUL-2011 13:33:24	Bright	39.500	155	41Pi Sgr	2.9000	6600.0	79	49004	No
89	GOM_NL__2PRFIN20110714_134404_000000403104_00283_49004_5544.N1	14-JUL-2011 13:44:04	Bright	39.500	168	17Zet Aql	2.9860	11000.	79	49004	No
90	GOM_NL__2PRFIN20110714_135106_000000403104_00283_49004_5545.N1	14-JUL-2011 13:51:06	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	49004	No
91	GOM_NL__2PRFIN20110714_135422_000000403104_00283_49004_5546.N1	14-JUL-2011 13:54:22	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	49004	No
92	GOM_NL__2PRFIN20110714_140132_000000423104_00283_49004_5547.N1	14-JUL-2011 14:01:32	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	49004	No
93	GOM_NL__2PRFIN20110714_141019_000000453104_00283_49004_5548.N1	14-JUL-2011 14:10:19	Bright	44.500	76	27Gam Cas	2.3000	30000.	89	49004	No
94	GOM_NL__2PRFIN20110714_141517_000000613104_00283_49004_5549.N1	14-JUL-2011 14:15:17	Bright	61.000	160	23Gam Per	2.9300	4700.0	122	49004	No
95	GOM_NL__2PRFIN20110714_141637_000000603104_00283_49004_5550.N1	14-JUL-2011 14:16:37	Bright	60.000	35	33Alp Per	1.7950	6250.0	120	49004	No
96	GOM_NL__2PRFIN20110714_141932_000000443104_00283_49004_5551.N1	14-JUL-2011 14:19:32	Bright	44.000	79	26Bet Per	2.3100	13100.	88	49004	No
97	GOM_NL__2PRFIN20110714_142224_000000463104_00283_49004_5552.N1	14-JUL-2011 14:22:24	Twilight	46.000	150	44Zet Per	2.8900	28000.	92	49004	No
98	GOM_NL__2PRFIN20110714_142457_000000433104_00283_49004_5553.N1	14-JUL-2011 14:24:57	Twilight	42.500	146	25Eta Tau	2.8730	15200.	85	49004	No
99	GOM_NL__2PRFIN20110714_142632_000000543104_00283_49004_5554.N1	14-JUL-2011 14:26:32	Twilight	54.000	13	87Alp Tau	0.86700	3800.0	108	49004	No
100	GOM_NL__2PRFIN20110714_143246_000000603104_00283_49004_5555.N1	14-JUL-2011 14:32:46	Dark	59.500	94	92Alp Cet	2.5260	3100.0	119	49004	No
101	GOM_NL__2PRFIN20110714_143553_000000463104_00283_49004_5556.N1	14-JUL-2011 14:35:53	Dark	46.000	165	34Gam Eri	2.9500	3200.0	92	49004	No

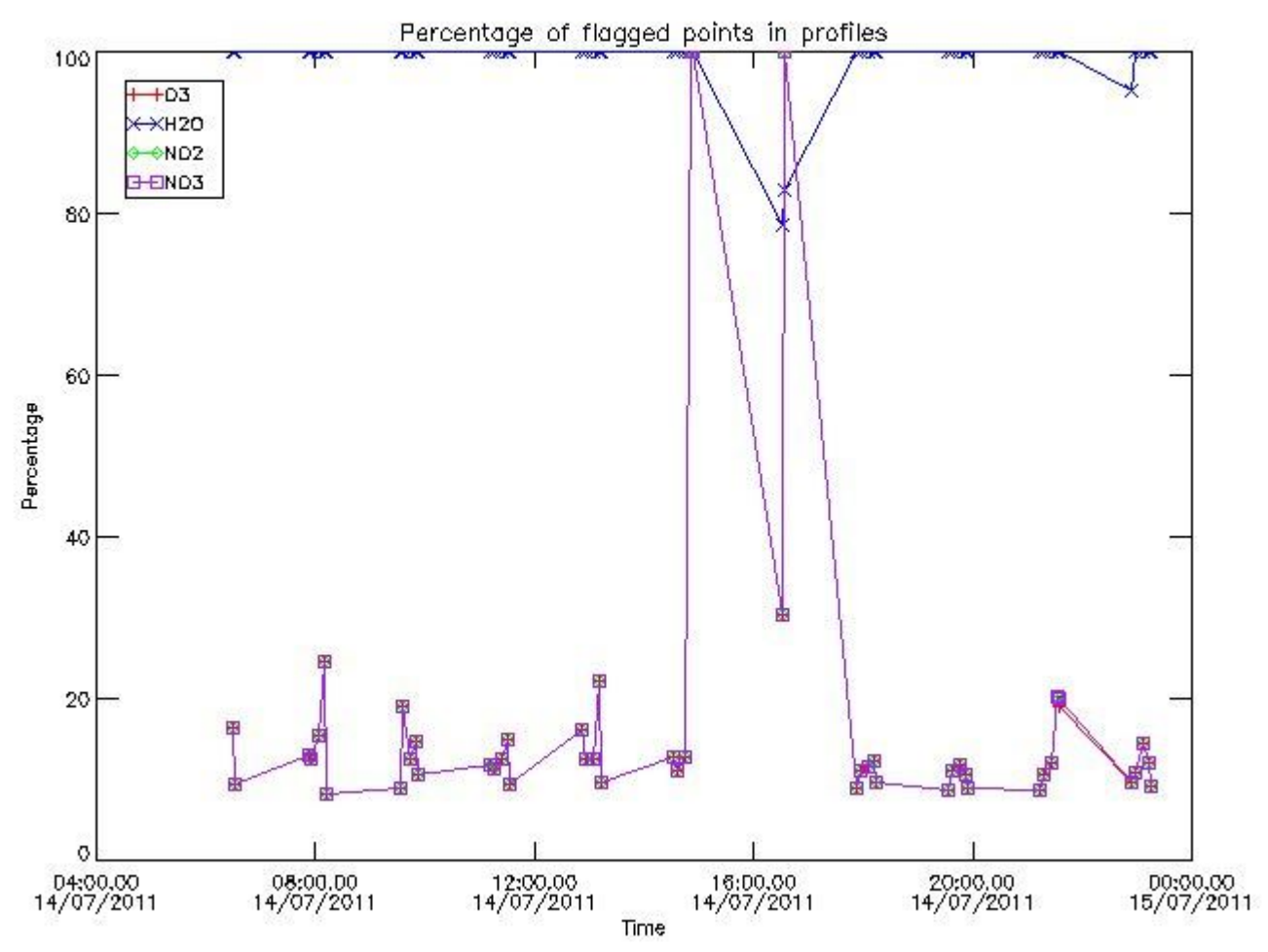
102	GOM_NL__2PRFIN20110714_144449_000000403104_00283_49004_5557.N1	14-JUL-2011 14:44:49	Dark	40.000	157	The1Eri	2.9060	9300.0	80	49004	No
103	GOM_NL__2PRFIN20110714_145057_000000413104_00284_49005_5574.N1	14-JUL-2011 14:50:57	Dark	41.000	9	Alp Eri	0.45300	24000.	82	49005	No
104	GOM_NL__2PRFIN20110714_145349_000000523104_00284_49005_5575.N1	14-JUL-2011 14:53:49	Dark	51.500	84	Alp Phe	2.3970	4500.0	103	49005	No
105	GOM_NL__2PRFIN20110714_145938_000000513104_00284_49005_5576.N1	14-JUL-2011 14:59:38	Straylight	51.000	63	Bet Gru	2.1500	2800.0	102	49005	No
106	GOM_NL__2PRFIN20110714_150115_000000503104_00284_49005_5577.N1	14-JUL-2011 15:01:15	Straylight	49.500	31	Alp Gru	1.7340	15200.	99	49005	No
107	GOM_NL__2PRFIN20110714_150426_000000523104_00284_49005_5578.N1	14-JUL-2011 15:04:26	Straylight	51.500	172	Gam Gru	3.0030	13100.	103	49005	No
108	GOM_NL__2PRFIN20110714_163112_000000453104_00285_49006_5602.N1	14-JUL-2011 16:31:12	Dark	45.000	9	Alp Eri	0.45300	24000.	90	49006	No
109	GOM_NL__2PRFIN20110714_163404_000000533104_00285_49006_5603.N1	14-JUL-2011 16:34:04	Dark	53.000	84	Alp Phe	2.3970	4500.0	106	49006	No
110	GOM_NL__2PRFIN20110714_163953_000000503104_00285_49006_5604.N1	14-JUL-2011 16:39:53	Straylight	50.000	63	Bet Gru	2.1500	2800.0	100	49006	No
111	GOM_NL__2PRFIN20110714_164130_000000483104_00285_49006_5605.N1	14-JUL-2011 16:41:30	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	49006	No
112	GOM_NL__2PRFIN20110714_164441_000000513104_00285_49006_5606.N1	14-JUL-2011 16:44:41	Straylight	51.000	172	Gam Gru	3.0030	13100.	102	49006	No
113	GOM_NL__2PRFIN20110714_165123_000000413104_00285_49006_5607.N1	14-JUL-2011 16:51:23	Bright	41.000	103	38Zet Sgr	2.6000	9700.0	82	49006	No
114	GOM_NL__2PRFIN20110714_170432_000000413104_00285_49006_5608.N1	14-JUL-2011 17:04:32	Bright	40.500	168	17Zet Aql	2.9860	11000.	81	49006	No
115	GOM_NL__2PRFIN20110714_171134_000000403104_00285_49006_5609.N1	14-JUL-2011 17:11:34	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	49006	No
116	GOM_NL__2PRFIN20110714_171449_000000433104_00285_49006_5610.N1	14-JUL-2011 17:14:49	Bright	42.500	144	18Del Cyg	2.8600	11000.	85	49006	No
117	GOM_NL__2PRFIN20110714_172159_000000413104_00285_49006_5611.N1	14-JUL-2011 17:21:59	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	49006	No
118	GOM_NL__2PRFIN20110714_173046_000000453104_00285_49006_5612.N1	14-JUL-2011 17:30:46	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	49006	No
119	GOM_NL__2PRFIN20110714_173545_000000613104_00285_49006_5613.N1	14-JUL-2011 17:35:45	Bright	61.000	160	23Gam Per	2.9300	4700.0	122	49006	No
120	GOM_NL__2PRFIN20110714_173705_000000473104_00285_49006_5614.N1	14-JUL-2011 17:37:05	Bright	47.000	35	33Alp Per	1.7950	6250.0	94	49006	No
121	GOM_NL__2PRFIN20110714_174000_000000433104_00285_49006_5615.N1	14-JUL-2011 17:40:00	Bright	43.000	79	26Bet Per	2.3100	13100.	86	49006	No
122	GOM_NL__2PRFIN20110714_174252_000000463104_00285_49006_5616.N1	14-JUL-2011 17:42:52	Twi_and_stray	45.500	150	44Zet Per	2.8900	28000.	91	49006	No
123	GOM_NL__2PRFIN20110714_174525_000000453104_00285_49006_5617.N1	14-JUL-2011 17:45:25	Twilight	44.500	146	25Eta Tau	2.8730	15200.	89	49006	No
124	GOM_NL__2PRFIN20110714_174700_000000483104_00285_49006_5618.N1	14-JUL-2011 17:47:00	Twilight	48.000	13	87Alp Tau	0.86700	3800.0	96	49006	No
125	GOM_NL__2PRFIN20110714_175316_000000573104_00285_49006_5619.N1	14-JUL-2011 17:53:16	Dark	56.500	94	92Alp Cet	2.5260	3100.0	113	49006	No
126	GOM_NL__2PRFIN20110714_175622_000000463104_00285_49006_5620.N1	14-JUL-2011 17:56:22	Dark	46.000	165	34Gam Eri	2.9500	3200.0	92	49006	No
127	GOM_NL__2PRFIN20110714_180518_000000443104_00285_49006_5621.N1	14-JUL-2011 18:05:18	Dark	44.000	157	The1Eri	2.9060	9300.0	88	49006	No
128	GOM_NL__2PRFIN20110714_181126_000000423104_00286_49007_5628.N1	14-JUL-2011 18:11:26	Dark	41.500	9	Alp Eri	0.45300	24000.	83	49007	No
129	GOM_NL__2PRFIN20110714_181419_000000543104_00286_49007_5629.N1	14-JUL-2011 18:14:19	Dark	53.500	84	Alp Phe	2.3970	4500.0	107	49007	No
130	GOM_NL__2PRFIN20110714_182008_000000503104_00286_49007_5630.N1	14-JUL-2011 18:20:08	Straylight	50.000	63	Bet Gru	2.1500	2800.0	100	49007	No
131	GOM_NL__2PRFIN20110714_182144_000000473104_00286_49007_5631.N1	14-JUL-2011 18:21:44	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	49007	No
132	GOM_NL__2PRFIN20110714_182456_000000523104_00286_49007_5632.N1	14-JUL-2011 18:24:56	Straylight	51.500	172	Gam Gru	3.0030	13100.	103	49007	No
133	GOM_NL__2PRFIN20110714_183138_000000453104_00286_49007_5633.N1	14-JUL-2011 18:31:38	Bright	45.000	103	38Zet Sgr	2.6000	9700.0	90	49007	No
134	GOM_NL__2PRFIN20110714_184446_000000413104_00286_49007_5634.N1	14-JUL-2011 18:44:46	Bright	41.000	168	17Zet Aql	2.9860	11000.	82	49007	No
135	GOM_NL__2PRFIN20110714_185148_000000383104_00286_49007_5635.N1	14-JUL-2011 18:51:48	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	49007	No
136	GOM_NL__2PRFIN20110714_185502_000000433104_00286_49007_5636.N1	14-JUL-2011 18:55:02	Bright	42.500	144	18Del Cyg	2.8600	11000.	85	49007	No
137	GOM_NL__2PRFIN20110714_190213_000000453104_00286_49007_5637.N1	14-JUL-2011 19:02:13	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	49007	No
138	GOM_NL__2PRFIN20110714_191059_000000483104_00286_49007_5638.N1	14-JUL-2011 19:10:59	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	49007	No
139	GOM_NL__2PRFIN20110714_191559_000000613104_00286_49007_5639.N1	14-JUL-2011 19:15:59	Bright	61.000	160	23Gam Per	2.9300	4700.0	122	49007	No
140	GOM_NL__2PRFIN20110714_191719_000000603104_00286_49007_5640.N1	14-JUL-2011 19:17:19	Bright	60.000	35	33Alp Per	1.7950	6250.0	120	49007	No
141	GOM_NL__2PRFIN20110714_192014_000000473104_00286_49007_5641.N1	14-JUL-2011 19:20:14	Bright	46.500	79	26Bet Per	2.3100	13100.	93	49007	No
142	GOM_NL__2PRFIN20110714_192306_000000463104_00286_49007_5642.N1	14-JUL-2011 19:23:06	Twi_and_stray	46.000	150	44Zet Per	2.8900	28000.	92	49007	No
143	GOM_NL__2PRFIN20110714_192539_000000443104_00286_49007_5643.N1	14-JUL-2011 19:25:39	Twilight	43.500	146	25Eta Tau	2.8730	15200.	87	49007	No
144	GOM_NL__2PRFIN20110714_192714_000000473104_00286_49007_5644.N1	14-JUL-2011 19:27:14	Twilight	46.500	13	87Alp Tau	0.86700	3800.0	93	49007	No
145	GOM_NL__2PRFIN20110714_193331_000000593104_00286_49007_5645.N1	14-JUL-2011 19:33:31	Dark	58.500	94	92Alp Cet	2.5260	3100.0	117	49007	No
146	GOM_NL__2PRFIN20110714_193636_000000463104_00286_49007_5646.N1	14-JUL-2011 19:36:36	Dark	46.000	165	34Gam Eri	2.9500	3200.0	92	49007	No
147	GOM_NL__2PRFIN20110714_194533_000000433104_00286_49007_5647.N1	14-JUL-2011 19:45:33	Dark	43.000	157	The1Eri	2.9060	9300.0	86	49007	No
148	GOM_NL__2PRFIN20110714_195141_000000493104_00287_49008_5672.N1	14-JUL-2011 19:51:41	Dark	48.500	9	Alp Eri	0.45300	24000.	97	49008	No
149	GOM_NL__2PRFIN20110714_195434_000000573104_00287_49008_5673.N1	14-JUL-2011 19:54:34	Dark	56.500	84	Alp Phe	2.3970	4500.0	113	49008	No
150	GOM_NL__2PRFIN20110714_200023_000000623104_00287_49008_5674.N1	14-JUL-2011 20:00:23	Straylight	62.000	63	Bet Gru	2.1500	2800.0	124	49008	No
151	GOM_NL__2PRFIN20110714_200159_000000473104_00287_49008_5675.N1	14-JUL-2011 20:01:59	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	49008	No
152	GOM_NL__2PRFIN20110714_200511_000000513104_00287_49008_5676.N1	14-JUL-2011 20:05:11	Straylight	51.000	172	Gam Gru	3.0030	13100.	102	49008	No
153	GOM_NL__2PRFIN20110714_201153_000000393104_00287_49008_5677.N1	14-JUL-2011 20:11:53	Bright	39.000	103	38Zet Sgr	2.6000	9700.0	78	49008	No
154	GOM_NL__2PRFIN20110714_202459_000000403104_00287_49008_5678.N1	14-JUL-2011 20:24:59	Bright	40.000	168	17Zet Aql	2.9860	11000.	80	49008	No
155	GOM_NL__2PRFIN20110714_203202_000000383104_00287_49008_5679.N1	14-JUL-2011 20:32:02	Bright	37.500	5	3Alp Lyr	0.033000	11000.	75	49008	No
156	GOM_NL__2PRFIN20110714_203516_000000433104_00287_49008_5680.N1	14-JUL-2011 20:35:16	Bright	42.500	144	18Del Cyg	2.8600	11000.	85	49008	No
157	GOM_NL__2PRFIN20110714_204226_000000433104_00287_49008_5681.N1	14-JUL-2011 20:42:26	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	49008	No
158	GOM_NL__2PRFIN20110714_205113_000000493104_00287_49008_5682.N1	14-JUL-2011 20:51:13	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	49008	No
159	GOM_NL__2PRFIN20110714_205612_000000493104_00287_49008_5683.N1	14-JUL-2011 20:56:12	Bright	48.500	160	23Gam Per	2.9300	4700.0	97	49008	No
160	GOM_NL__2PRFIN20110714_205733_000000443104_00287_49008_5684.N1	14-JUL-2011 20:57:33	Bright	43.500	35	33Alp Per	1.7950	6250.0	87	49008	No

161	GOM_NL__2PRFIN20110714_210028_000000473104_00287_49008_5685.N1	14-JUL-2011 21:00:28	Bright	46.500	79	26Bet Per	2.3100	13100.	93	49008	No
162	GOM_NL__2PRFIN20110714_210320_000000463104_00287_49008_5686.N1	14-JUL-2011 21:03:20	Twilight	45.500	150	44Zet Per	2.8900	28000.	91	49008	No
163	GOM_NL__2PRFIN20110714_210554_000000463104_00287_49008_5687.N1	14-JUL-2011 21:05:54	Twilight	46.000	146	25Eta Tau	2.8730	15200.	92	49008	No
164	GOM_NL__2PRFIN20110714_210728_000000453104_00287_49008_5688.N1	14-JUL-2011 21:07:28	Twilight	45.000	13	87Alp Tau	0.86700	3800.0	90	49008	No
165	GOM_NL__2PRFIN20110714_211345_000000583104_00287_49008_5689.N1	14-JUL-2011 21:13:45	Dark	58.000	94	92Alp Cet	2.5260	3100.0	116	49008	No
166	GOM_NL__2PRFIN20110714_211651_000000493104_00287_49008_5690.N1	14-JUL-2011 21:16:51	Dark	48.500	165	34Gam Eri	2.9500	3200.0	97	49008	No
167	GOM_NL__2PRFIN20110714_212548_000000433104_00287_49008_5691.N1	14-JUL-2011 21:25:48	Dark	42.500	157	The1Eri	2.9060	9300.0	85	49008	No
168	GOM_NL__2PRFIN20110714_213155_000000503104_00288_49009_5685.N1	14-JUL-2011 21:31:55	Dark	50.000	9	Alp Eri	0.45300	24000.	100	49009	No
169	GOM_NL__2PRFIN20110714_213449_000000533104_00288_49009_5686.N1	14-JUL-2011 21:34:49	Dark	53.000	84	Alp Phe	2.3970	4500.0	106	49009	No
170	GOM_NL__2PRFIN20110714_214038_000000643104_00288_49009_5687.N1	14-JUL-2011 21:40:38	Straylight	64.000	63	Bet Gru	2.1500	2800.0	128	49009	No
171	GOM_NL__2PRFIN20110714_214214_000000483104_00288_49009_5688.N1	14-JUL-2011 21:42:14	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	49009	No
172	GOM_NL__2PRFIN20110714_214525_000000533104_00288_49009_5689.N1	14-JUL-2011 21:45:25	Straylight	52.500	172	Gam Gru	3.0030	13100.	105	49009	No
173	GOM_NL__2PRFIN20110714_215212_000000433104_00288_49009_5690.N1	14-JUL-2011 21:52:12	Bright	42.500	103	38Zet Sgr	2.6000	9700.0	85	49009	No
174	GOM_NL__2PRFIN20110714_220513_000000393104_00288_49009_5691.N1	14-JUL-2011 22:05:13	Bright	39.000	168	17Zet Aql	2.9860	11000.	78	49009	No
175	GOM_NL__2PRFIN20110714_221215_000000383104_00288_49009_5692.N1	14-JUL-2011 22:12:15	Bright	37.500	5	3Alp Lyr	0.033000	11000.	75	49009	No
176	GOM_NL__2PRFIN20110714_221529_000000433104_00288_49009_5693.N1	14-JUL-2011 22:15:29	Bright	42.500	144	18Del Cyg	2.8600	11000.	85	49009	No
177	GOM_NL__2PRFIN20110714_222239_000000433104_00288_49009_5694.N1	14-JUL-2011 22:22:39	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	49009	No
178	GOM_NL__2PRFIN20110714_223126_000000483104_00288_49009_5695.N1	14-JUL-2011 22:31:26	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	49009	No
179	GOM_NL__2PRFIN20110714_223626_000000483104_00288_49009_5696.N1	14-JUL-2011 22:36:26	Bright	47.500	160	23Gam Per	2.9300	4700.0	95	49009	No
180	GOM_NL__2PRFIN20110714_223747_000000423104_00288_49009_5697.N1	14-JUL-2011 22:37:47	Bright	41.500	35	33Alp Per	1.7950	6250.0	83	49009	No
181	GOM_NL__2PRFIN20110714_224042_000000513104_00288_49009_5698.N1	14-JUL-2011 22:40:42	Bright	50.500	79	26Bet Per	2.3100	13100.	101	49009	No
182	GOM_NL__2PRFIN20110714_224335_000000453104_00288_49009_5699.N1	14-JUL-2011 22:43:35	Twilight	44.500	150	44Zet Per	2.8900	28000.	89	49009	No
183	GOM_NL__2PRFIN20110714_224608_000000453104_00288_49009_5700.N1	14-JUL-2011 22:46:08	Twilight	45.000	146	25Eta Tau	2.8730	15200.	90	49009	No
184	GOM_NL__2PRFIN20110714_224743_000000463104_00288_49009_5701.N1	14-JUL-2011 22:47:43	Twilight	46.000	13	87Alp Tau	0.86700	3800.0	92	49009	No
185	GOM_NL__2PRFIN20110714_225400_000000543104_00288_49009_5702.N1	14-JUL-2011 22:54:00	Dark	53.500	94	92Alp Cet	2.5260	3100.0	107	49009	No
186	GOM_NL__2PRFIN20110714_225705_000000473104_00288_49009_5703.N1	14-JUL-2011 22:57:05	Dark	47.000	165	34Gam Eri	2.9500	3200.0	94	49009	No
187	GOM_NL__2PRFIN20110714_230602_000000433104_00288_49009_5704.N1	14-JUL-2011 23:06:02	Dark	42.500	157	The1Eri	2.9060	9300.0	85	49009	No
188	GOM_NL__2PRFIN20110714_231210_000000433104_00289_49010_5696.N1	14-JUL-2011 23:12:10	Dark	42.500	9	Alp Eri	0.45300	24000.	85	49010	No
189	GOM_NL__2PRFIN20110714_231504_000000553104_00289_49010_5697.N1	14-JUL-2011 23:15:04	Dark	55.000	84	Alp Phe	2.3970	4500.0	110	49010	No
190	GOM_NL__2PRFIN20110714_232052_000000543104_00289_49010_5698.N1	14-JUL-2011 23:20:52	Straylight	54.000	63	Bet Gru	2.1500	2800.0	108	49010	No
191	GOM_NL__2PRFIN20110714_232228_000000493104_00289_49010_5699.N1	14-JUL-2011 23:22:28	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	49010	No
192	GOM_NL__2PRFIN20110714_232540_000000523104_00289_49010_5700.N1	14-JUL-2011 23:25:40	Straylight	51.500	172	Gam Gru	3.0030	13100.	103	49010	No
193	GOM_NL__2PRFIN20110714_233449_000000403104_00289_49010_5701.N1	14-JUL-2011 23:34:49	Bright	40.000	155	41Pi Sgr	2.9000	6600.0	80	49010	No
194	GOM_NL__2PRFIN20110714_234527_000000403104_00289_49010_5702.N1	14-JUL-2011 23:45:27	Bright	39.500	168	17Zet Aql	2.9860	11000.	79	49010	No
195	GOM_NL__2PRFIN20110714_235229_000000553104_00289_49010_5703.N1	14-JUL-2011 23:52:29	Bright	55.000	5	3Alp Lyr	0.033000	11000.	110	49010	No
196	GOM_NL__2PRFIN20110714_235543_000000433104_00289_49010_5704.N1	14-JUL-2011 23:55:43	Bright	43.000	144	18Del Cyg	2.8600	11000.	86	49010	No

3. Quality information per product

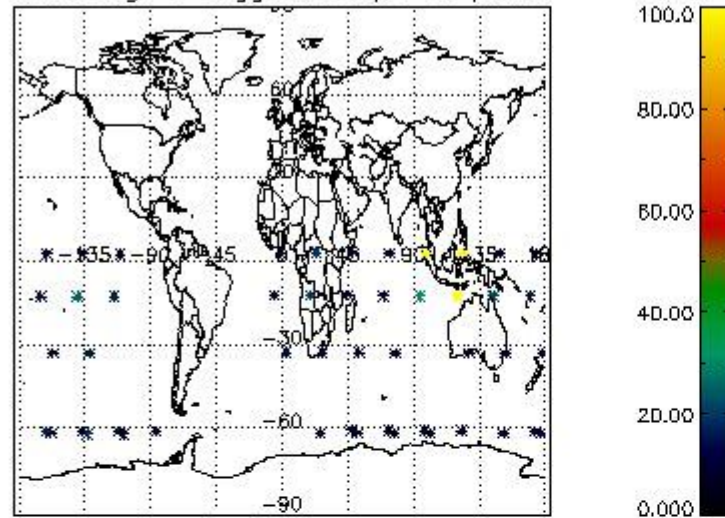
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

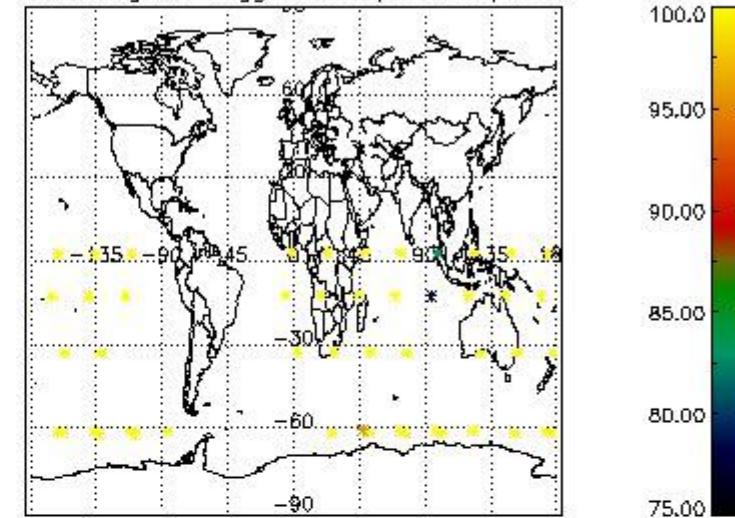


3.2 Plot quality information per product (world map)

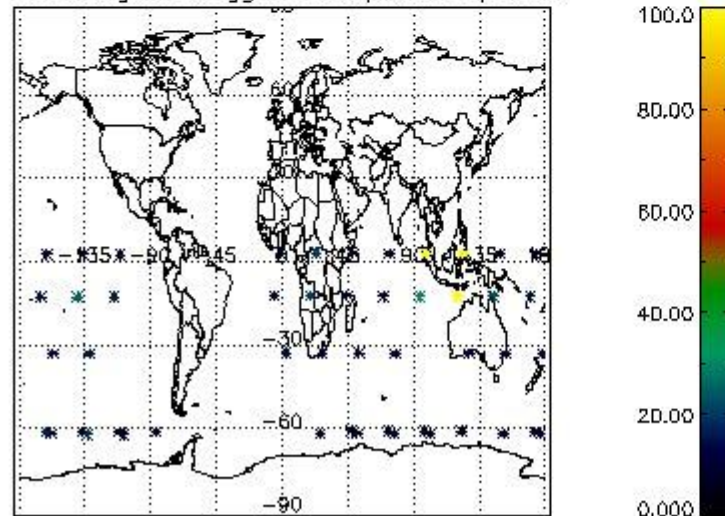
Percentage of flagged data per O3 profile



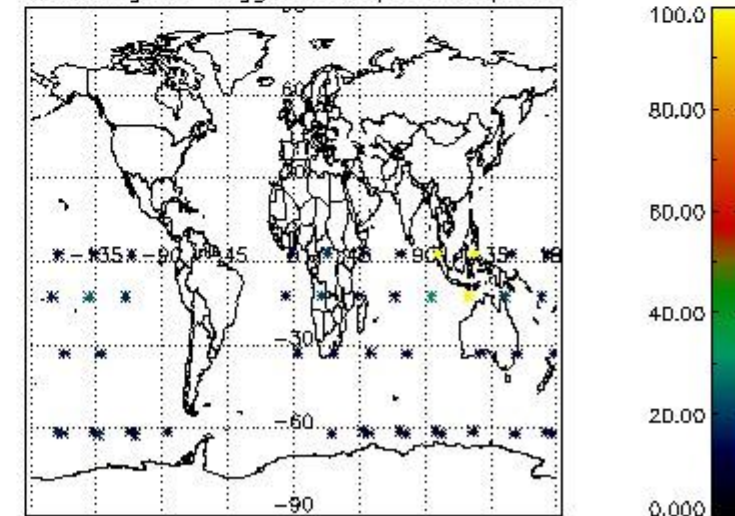
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

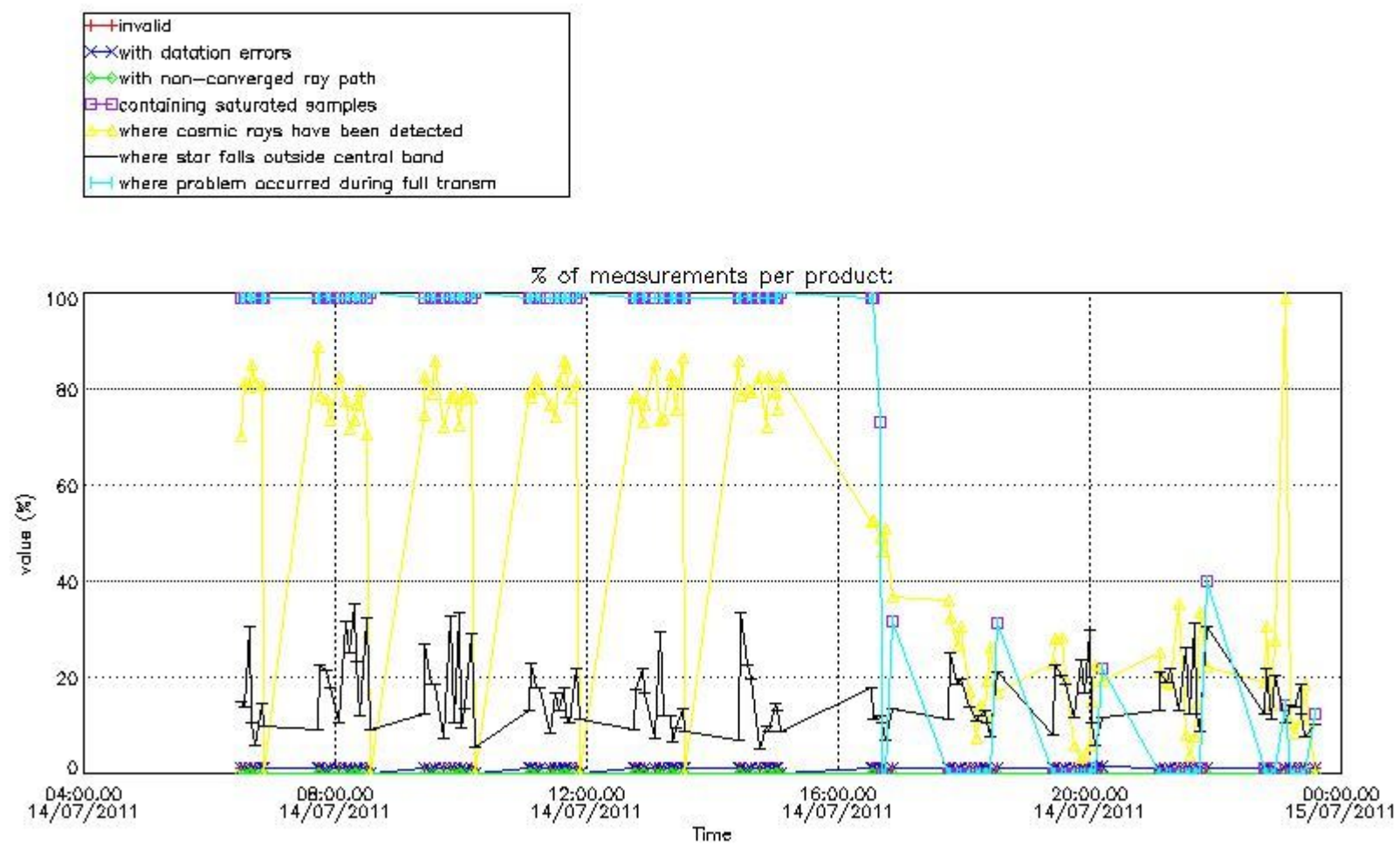


4. Level 1 quality information per product

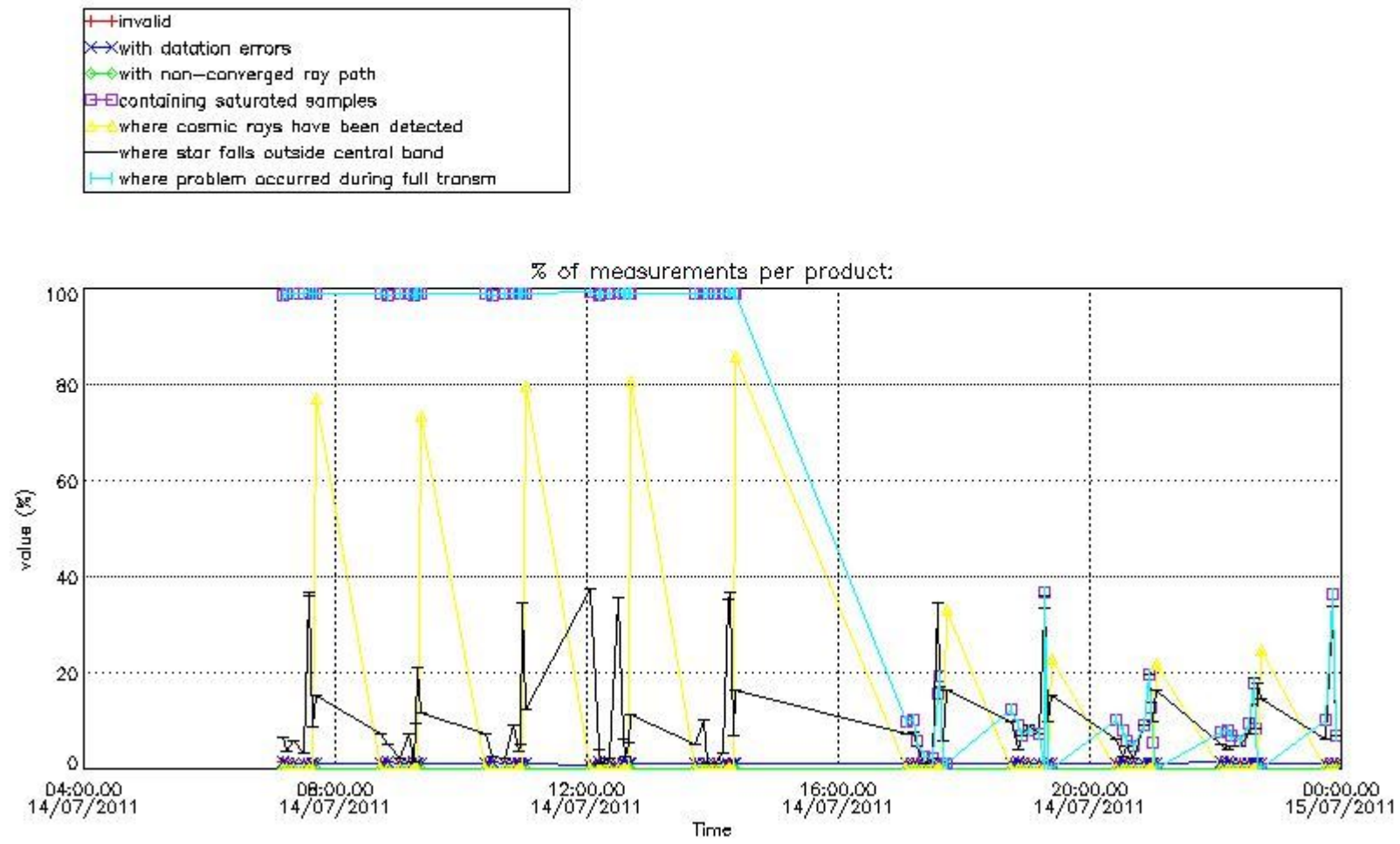
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

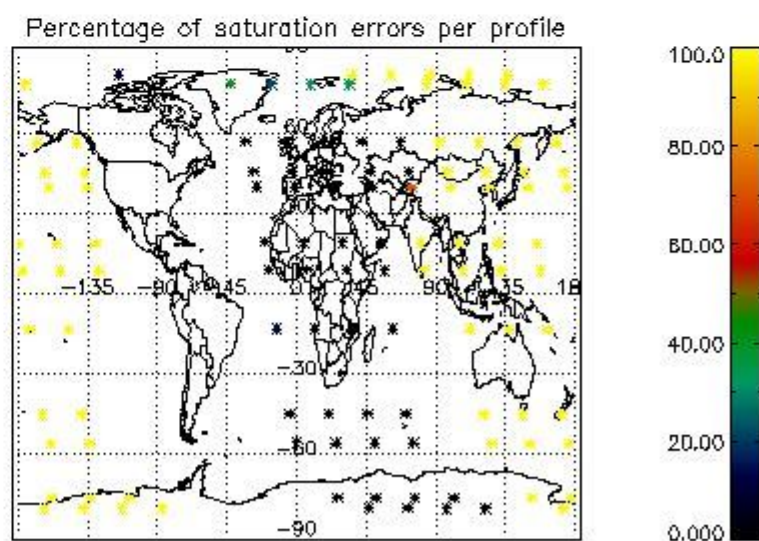
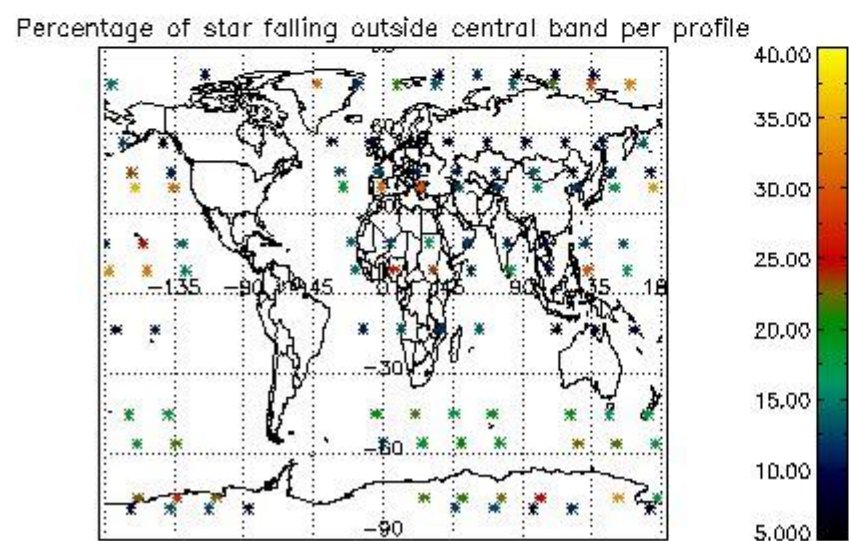
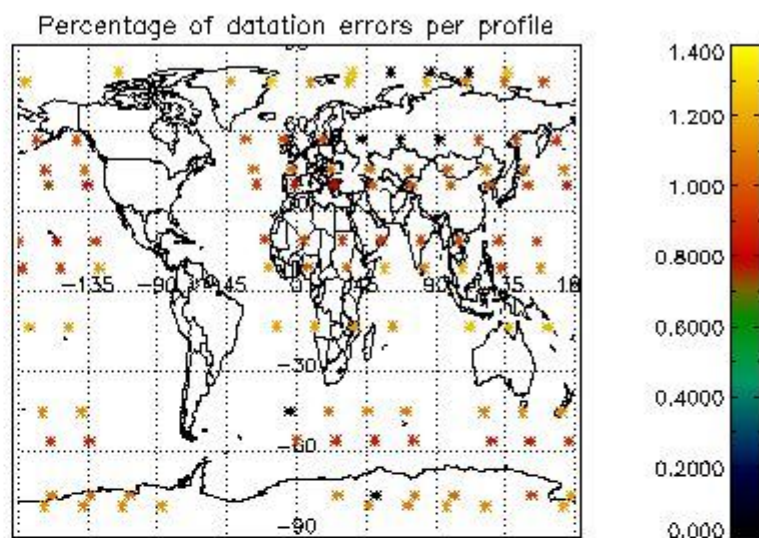
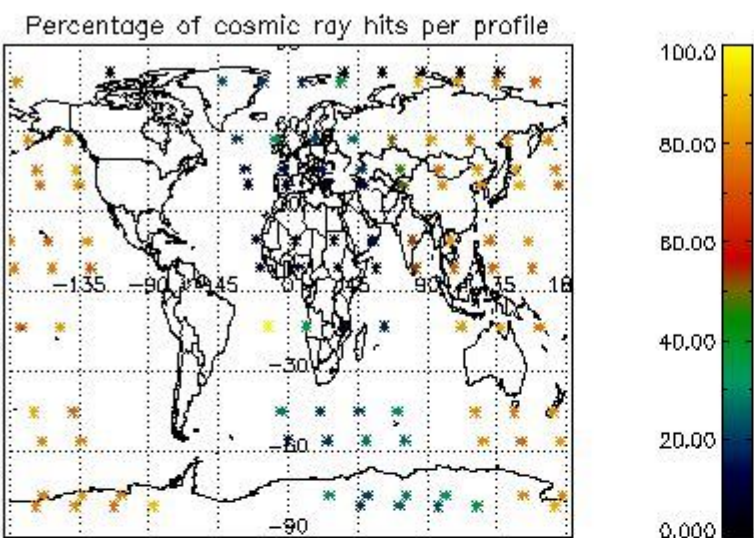


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



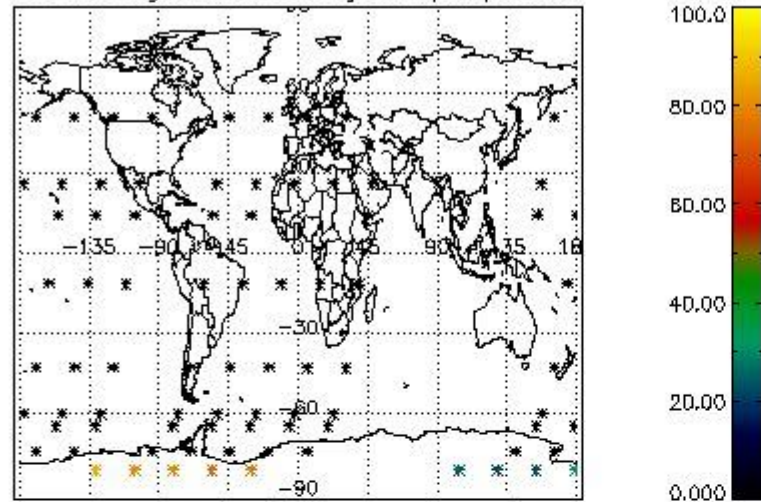
4.2 Plot quality information per product coming from level 1b processing (world map)

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

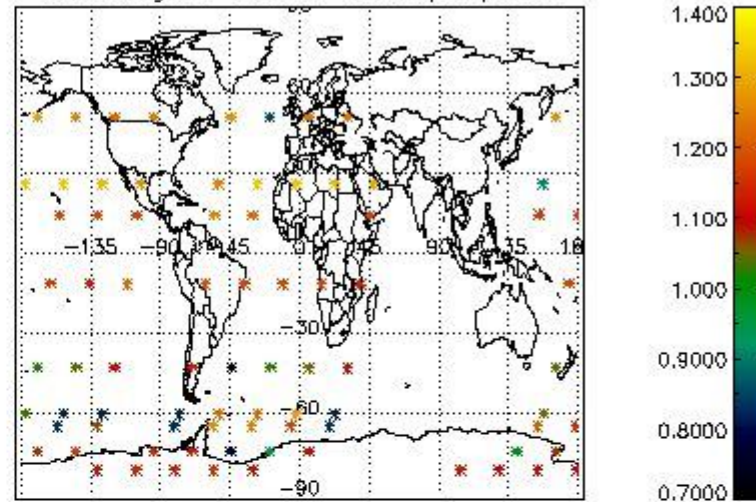


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

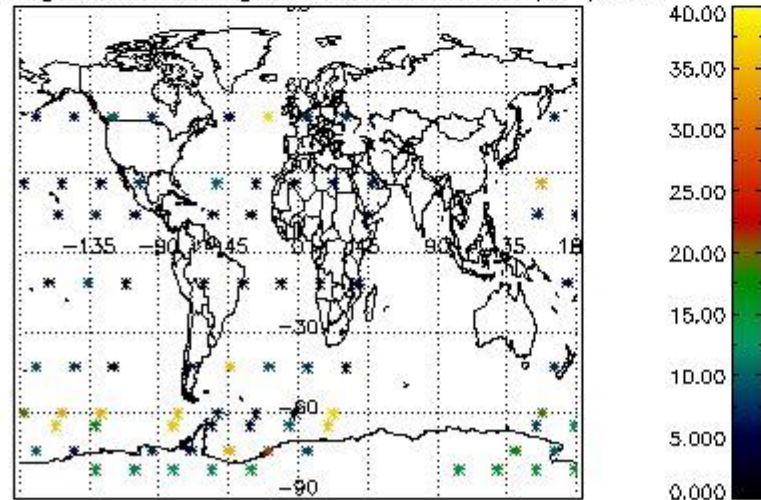
Percentage of cosmic ray hits per profile



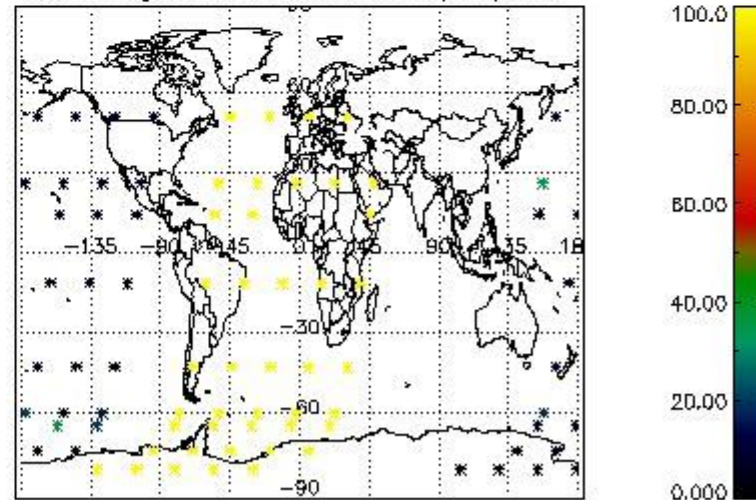
Percentage of datation errors per profile



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

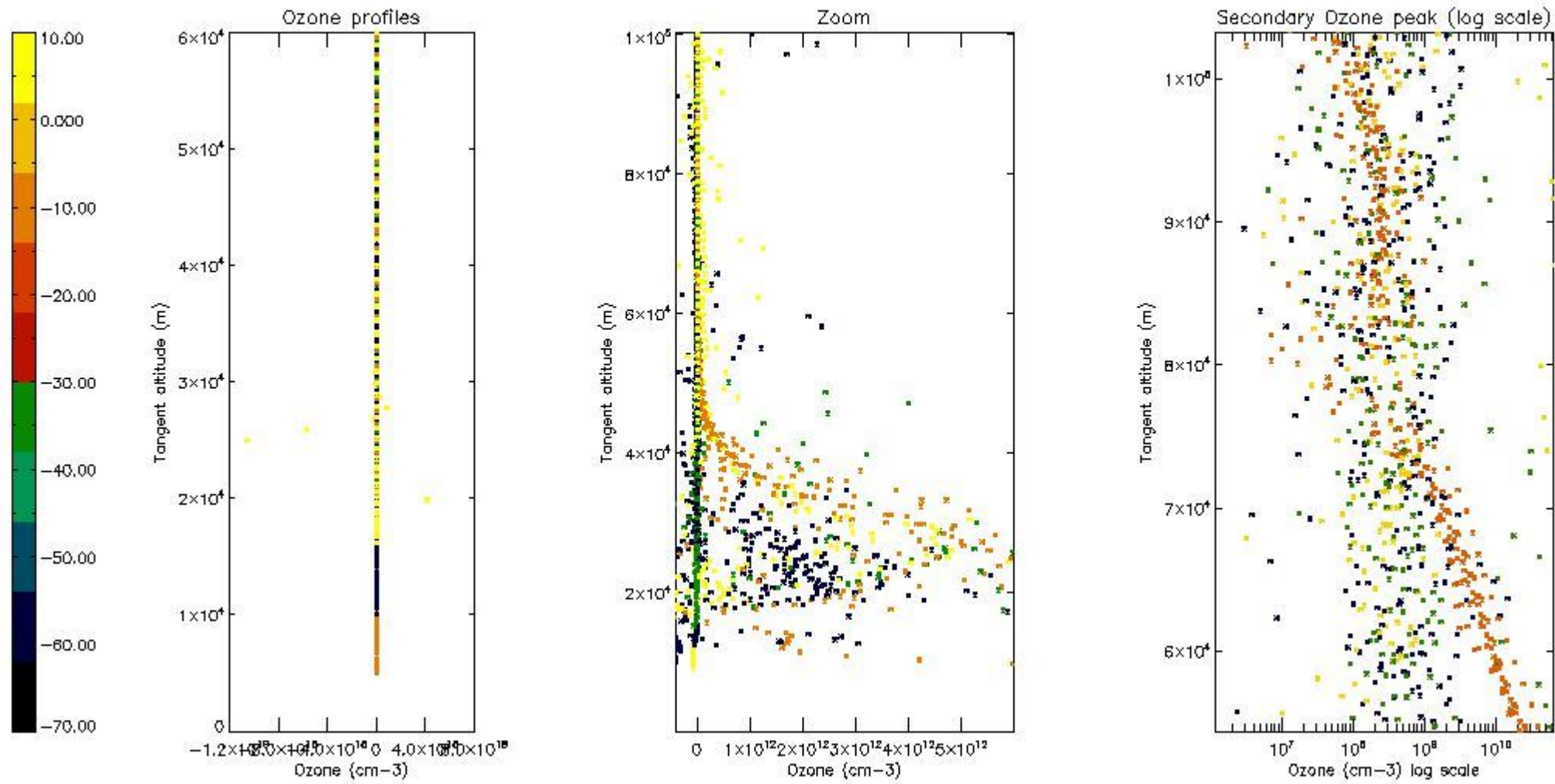
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	25
STD < 20	4

STD < 10	2
STD < 5	1

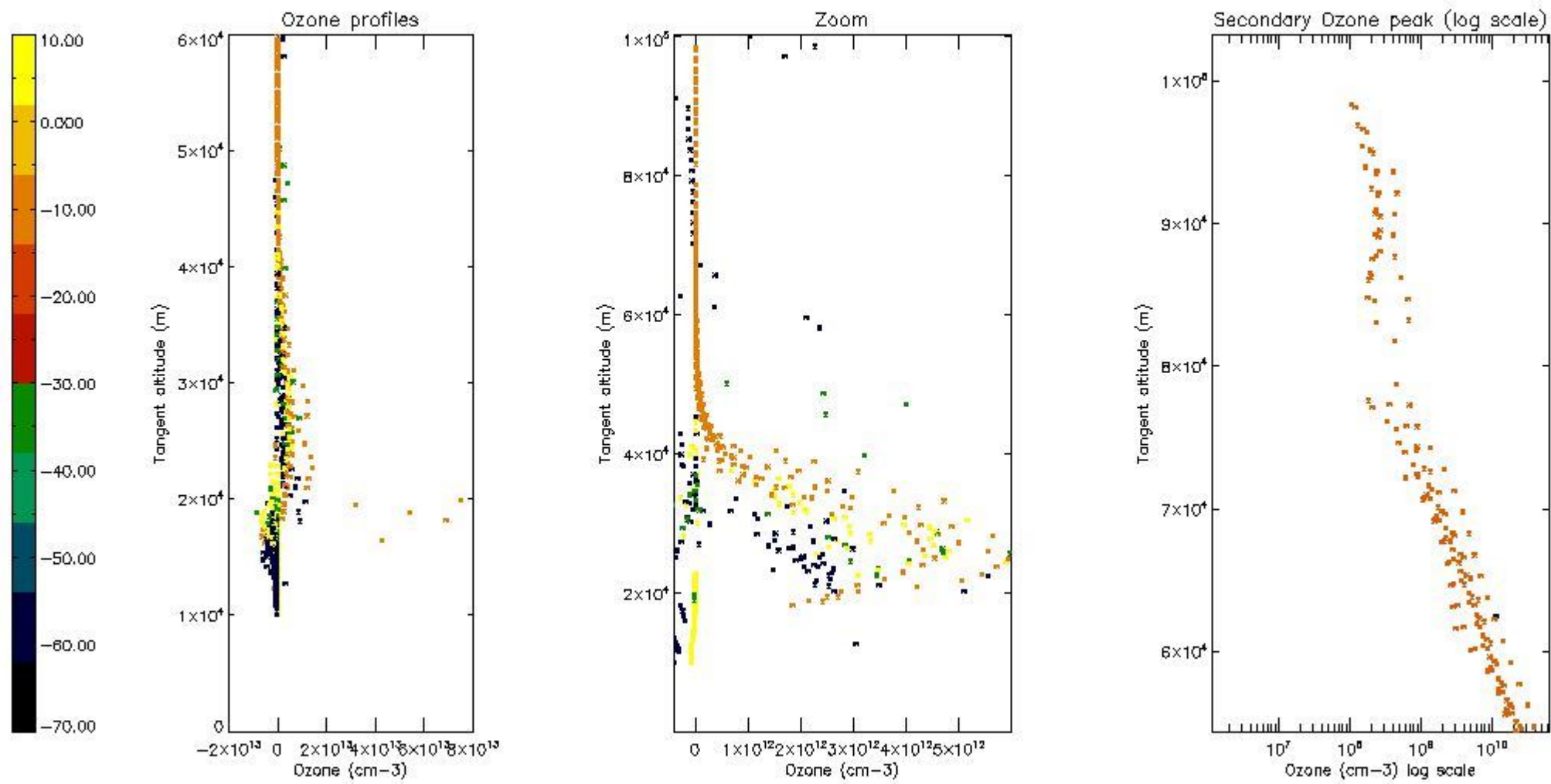
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



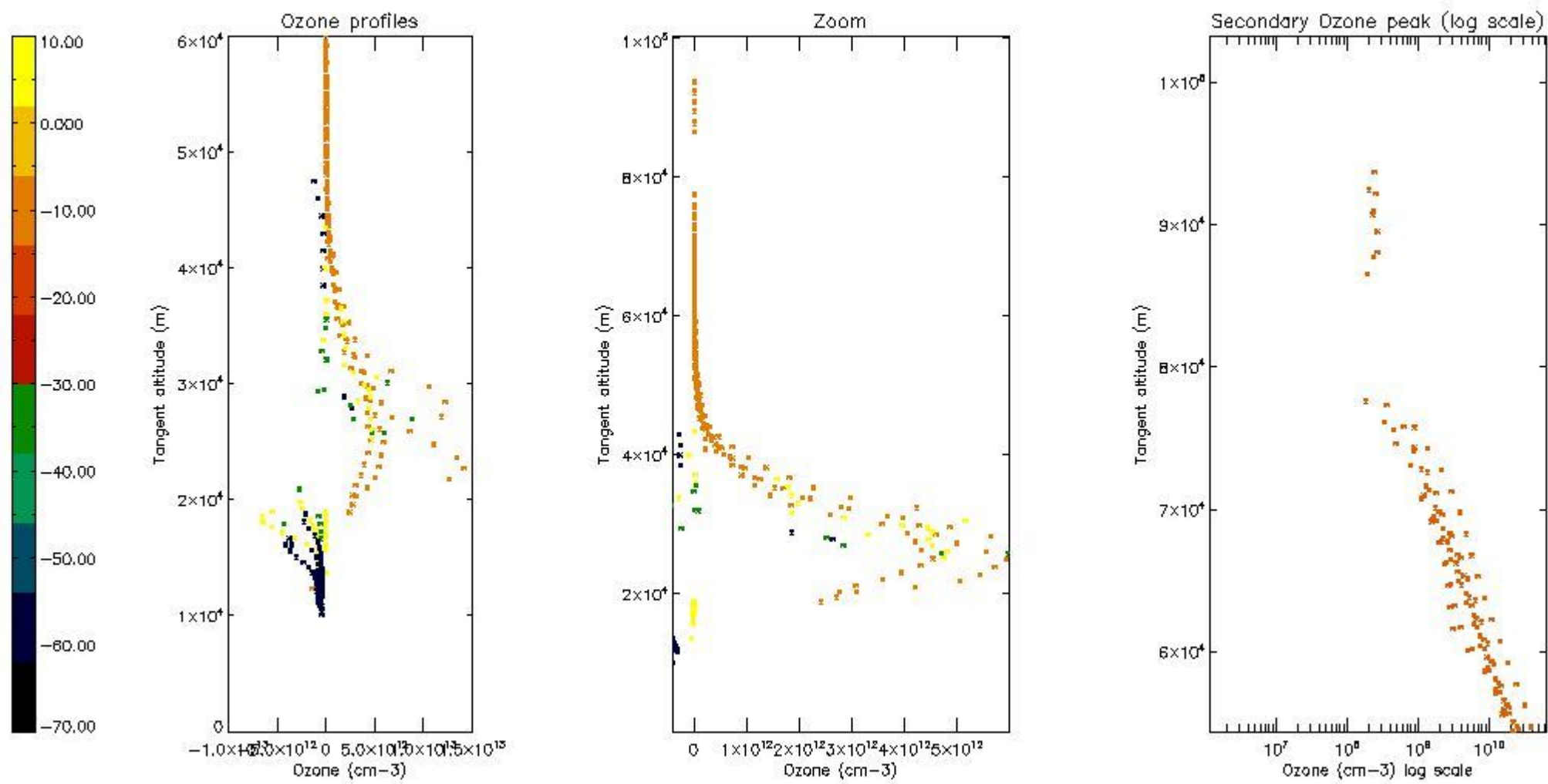
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



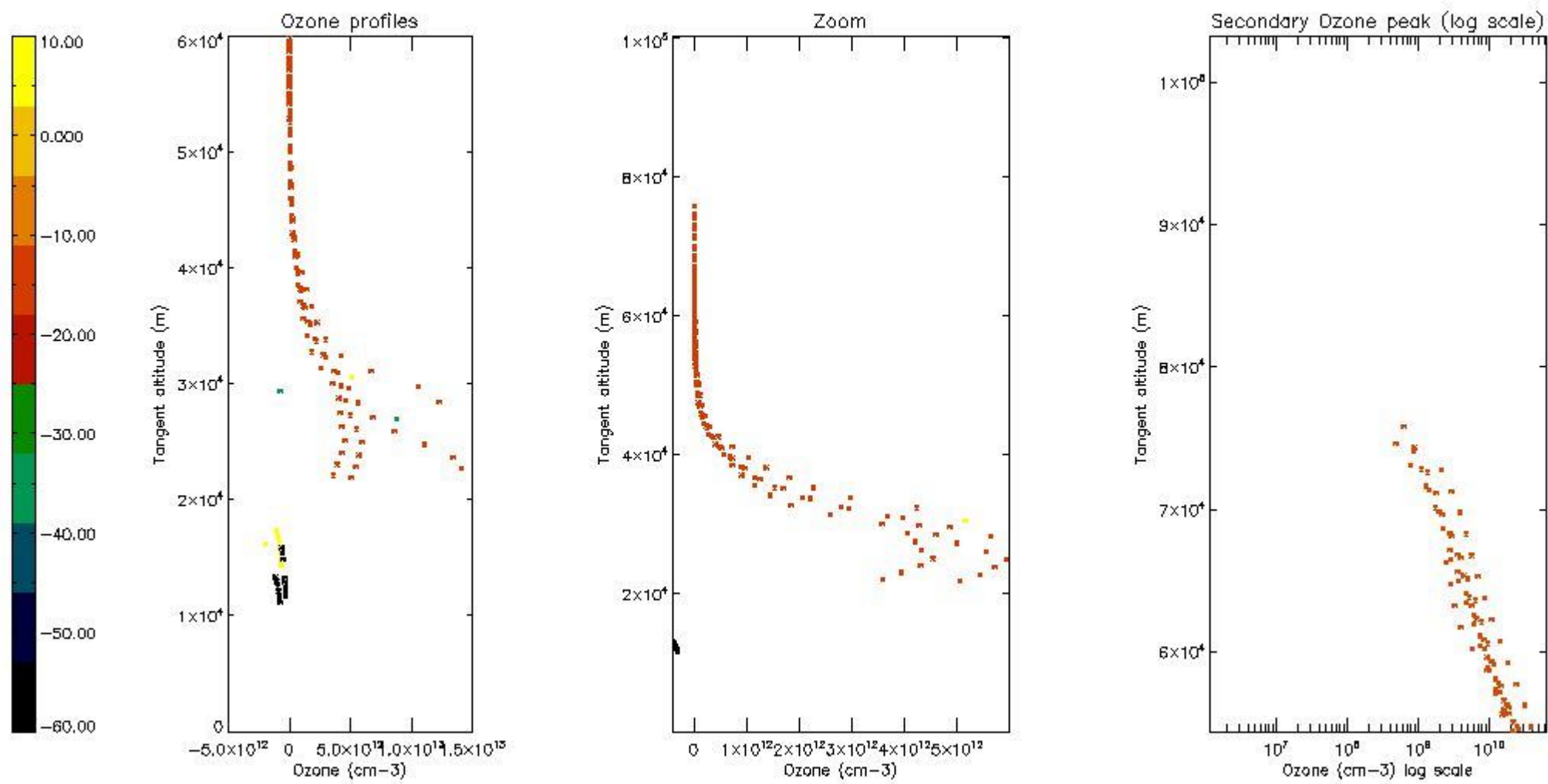
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



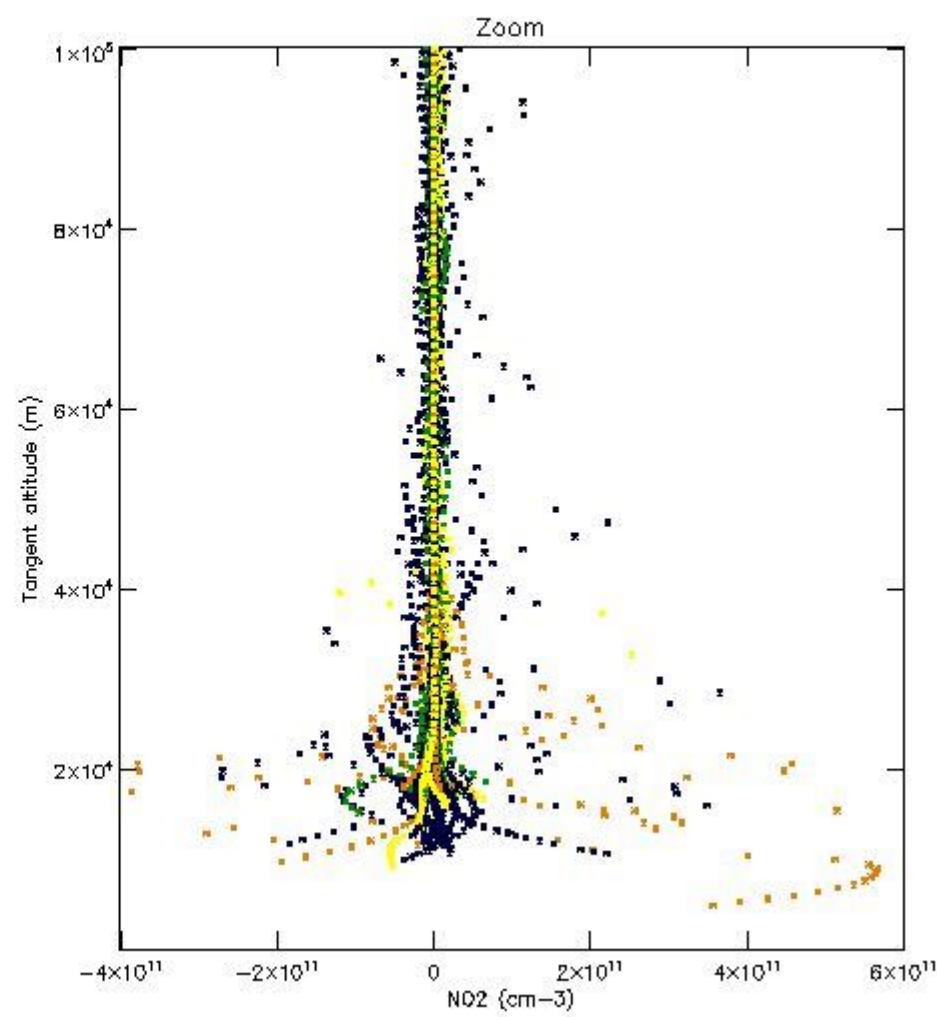
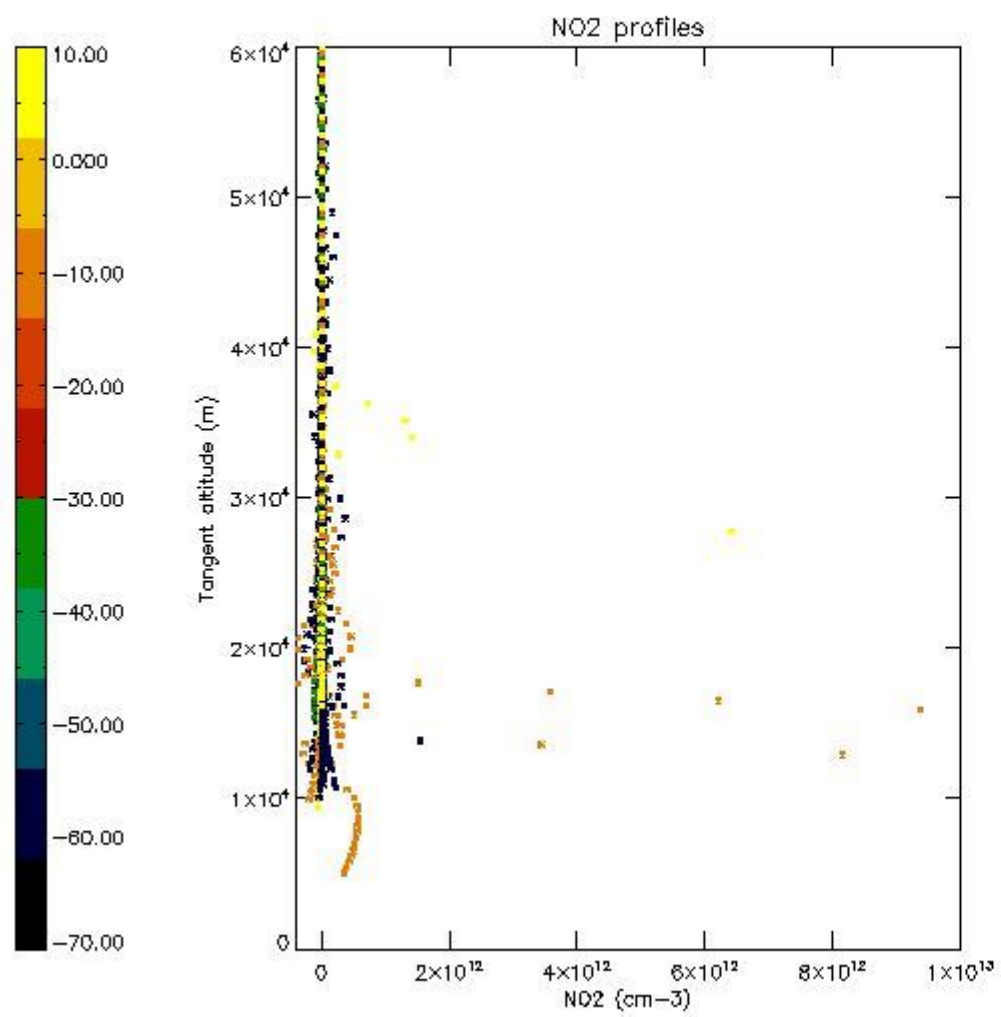
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



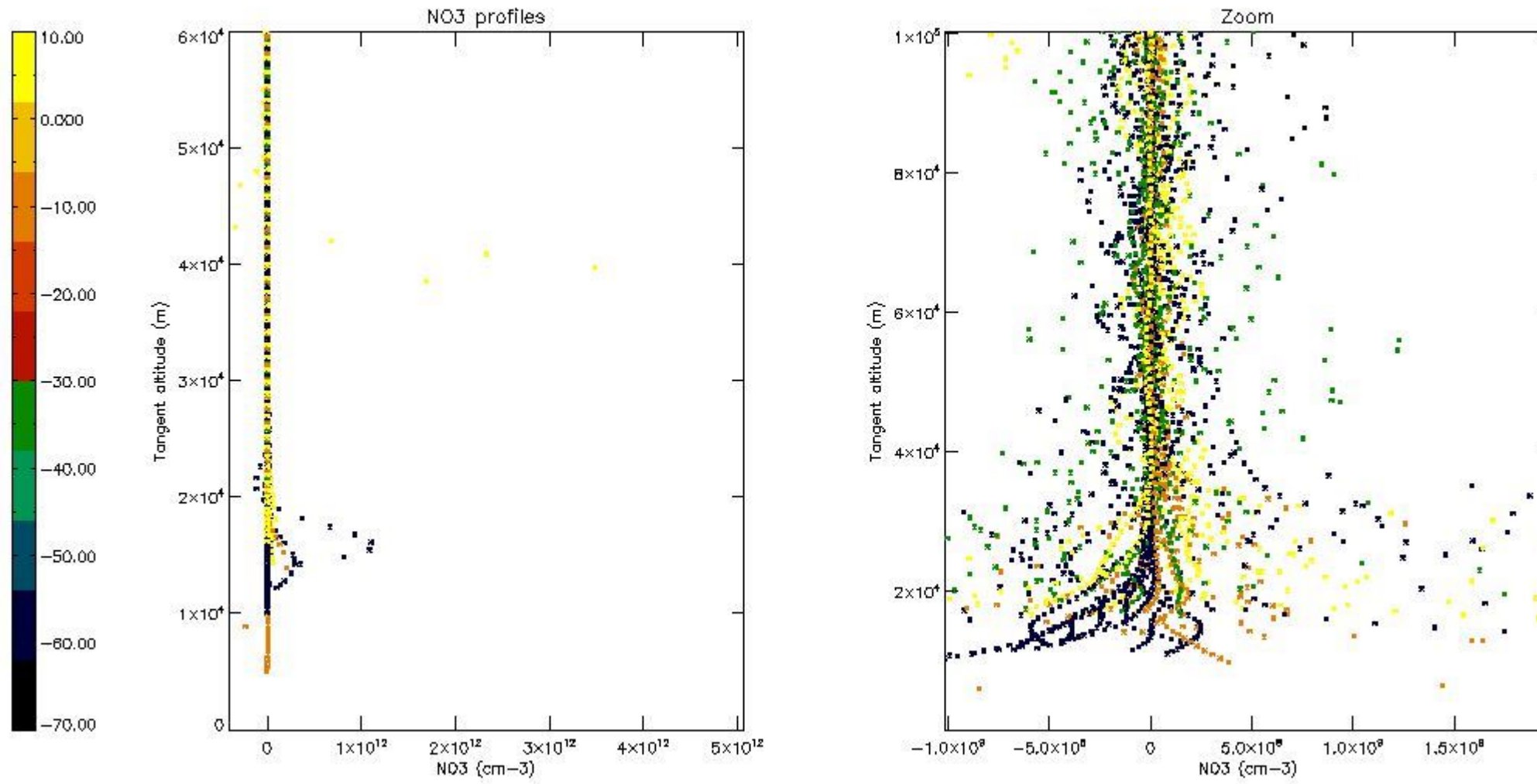
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

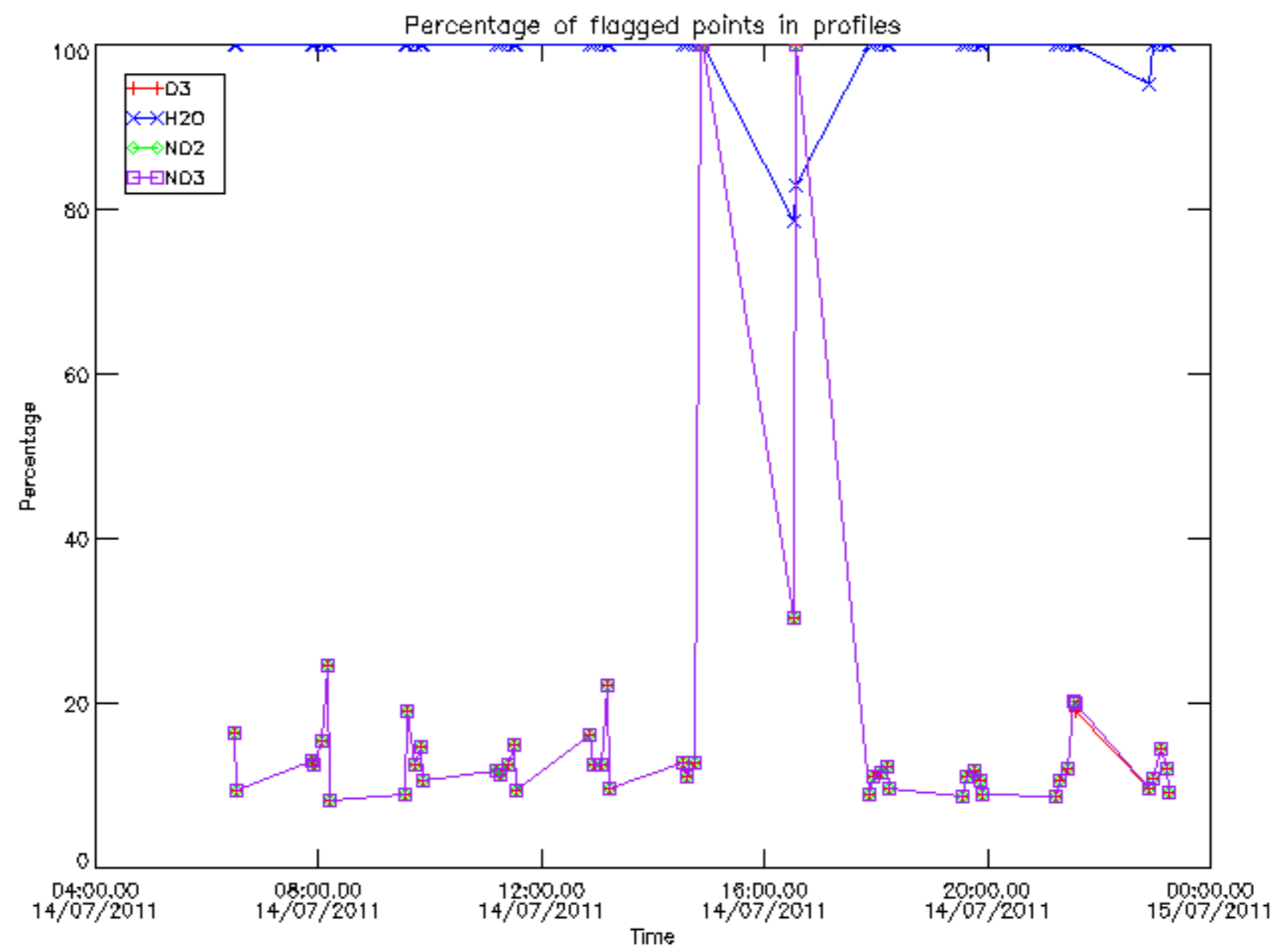
The colorbar represents the latitude.



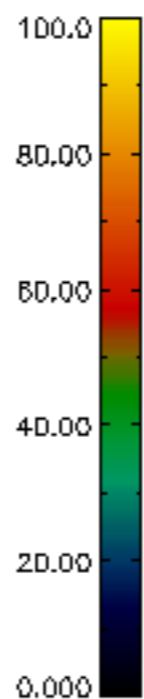
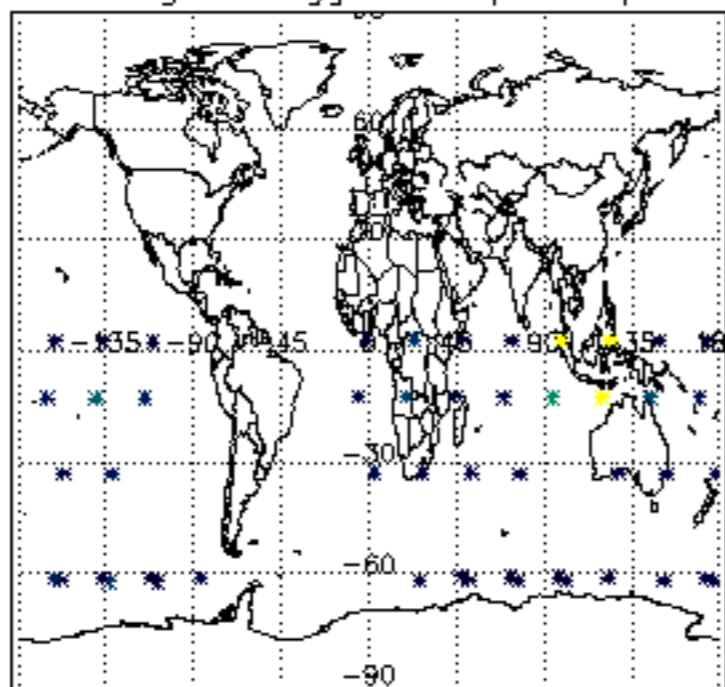
6. Auxiliary Data Files used for the production reported in section 2

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.

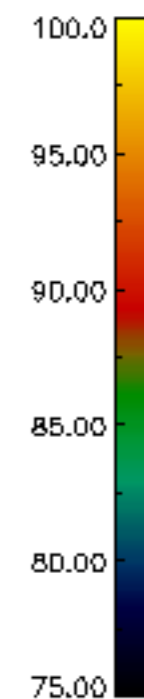
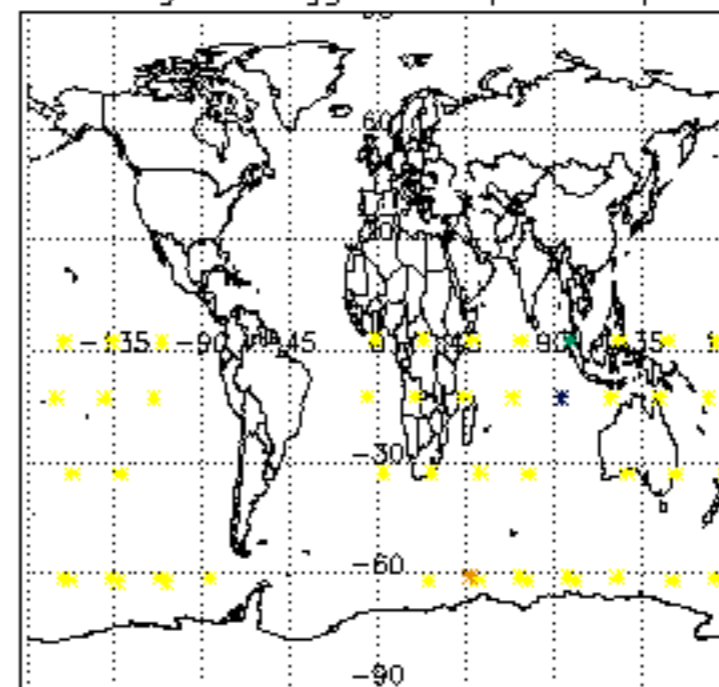
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	14-JUL-2011 06:29:44
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	14-JUL-2011 06:29:44
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	14-JUL-2011 06:29:44



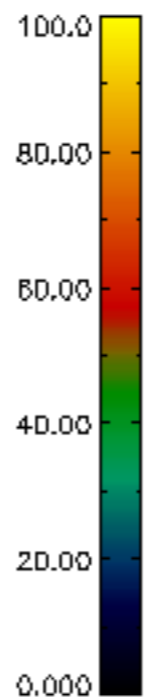
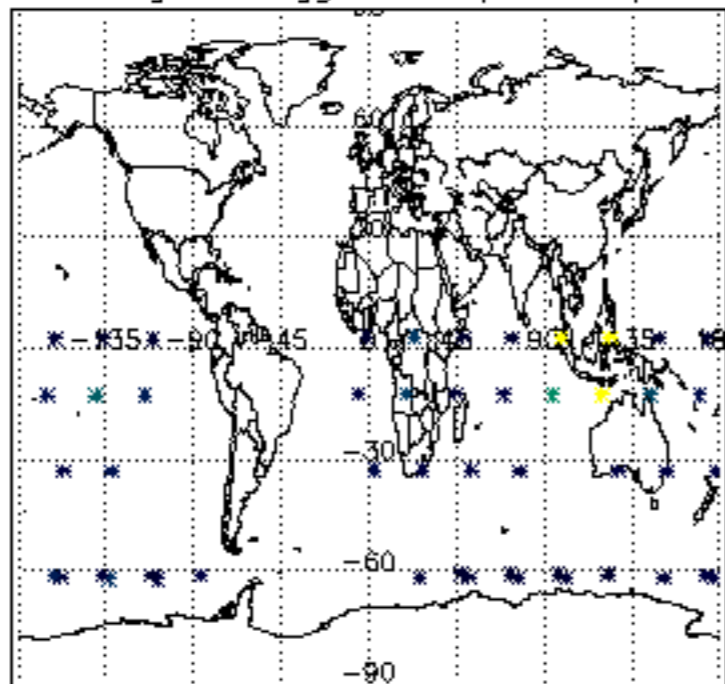
Percentage of flagged data per D3 profile



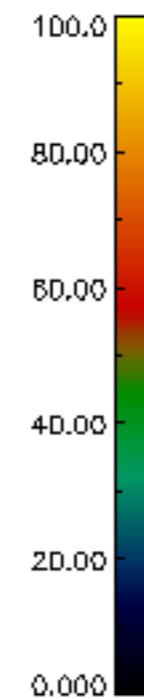
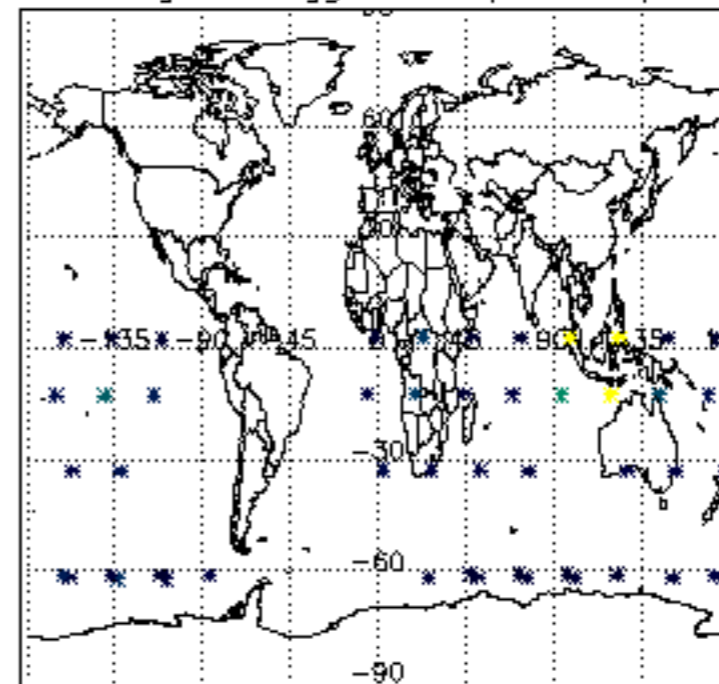
Percentage of flagged data per H2O profile

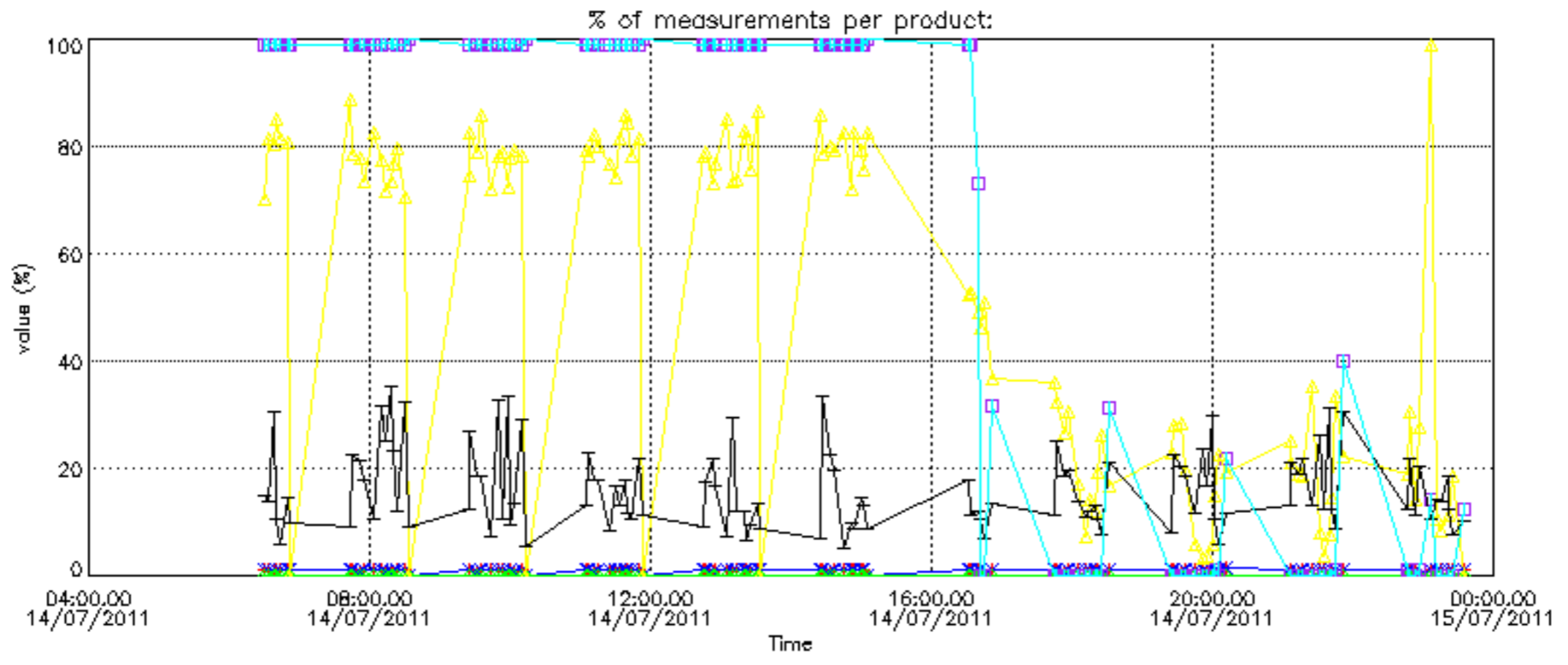


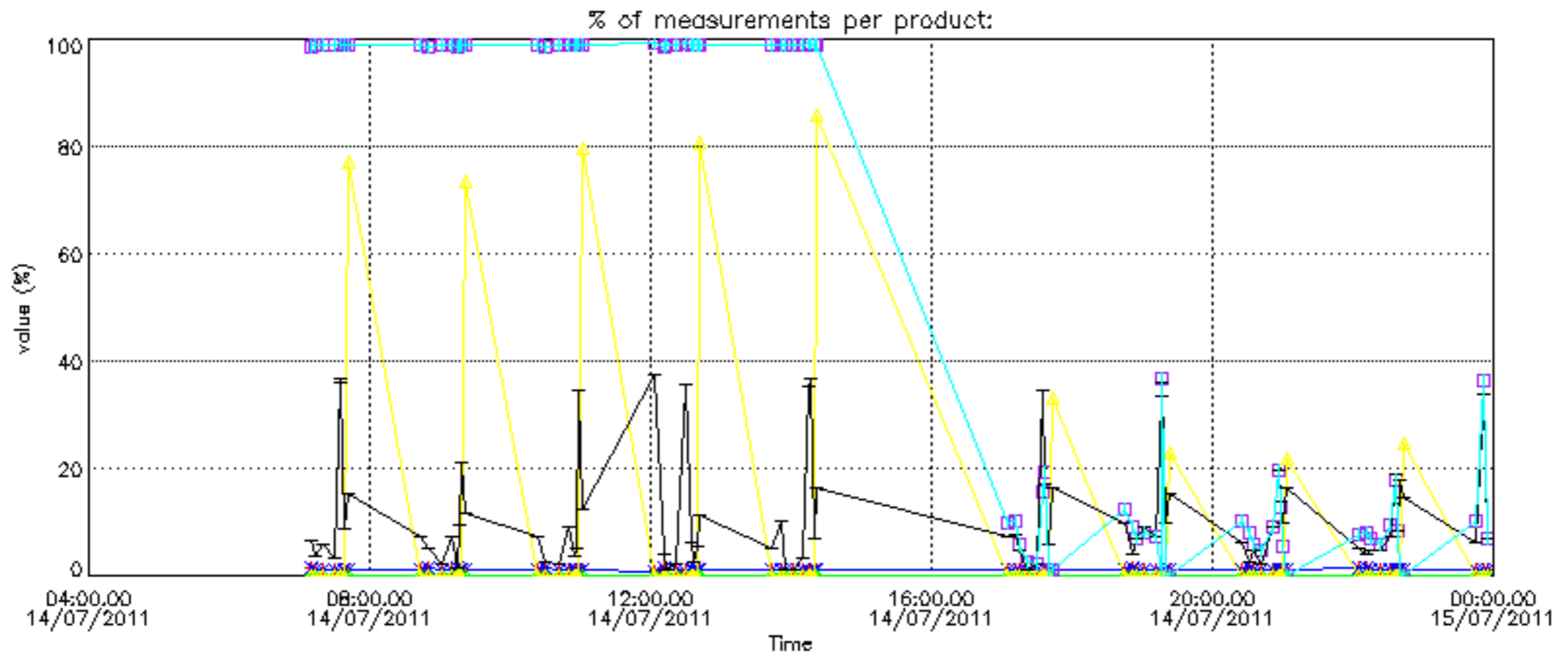
Percentage of flagged data per NO2 profile



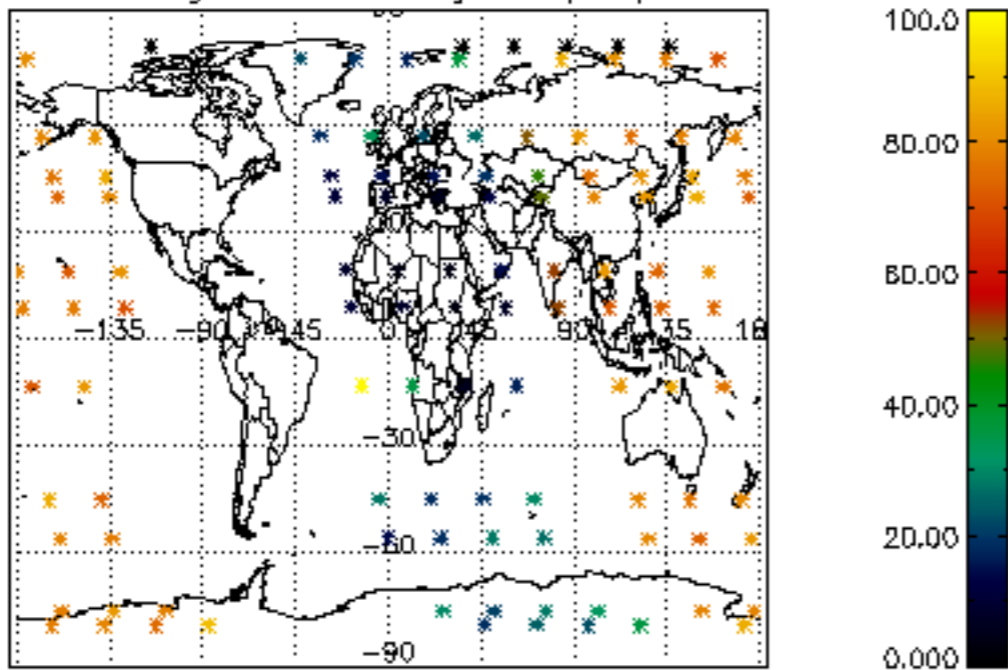
Percentage of flagged data per NO3 profile



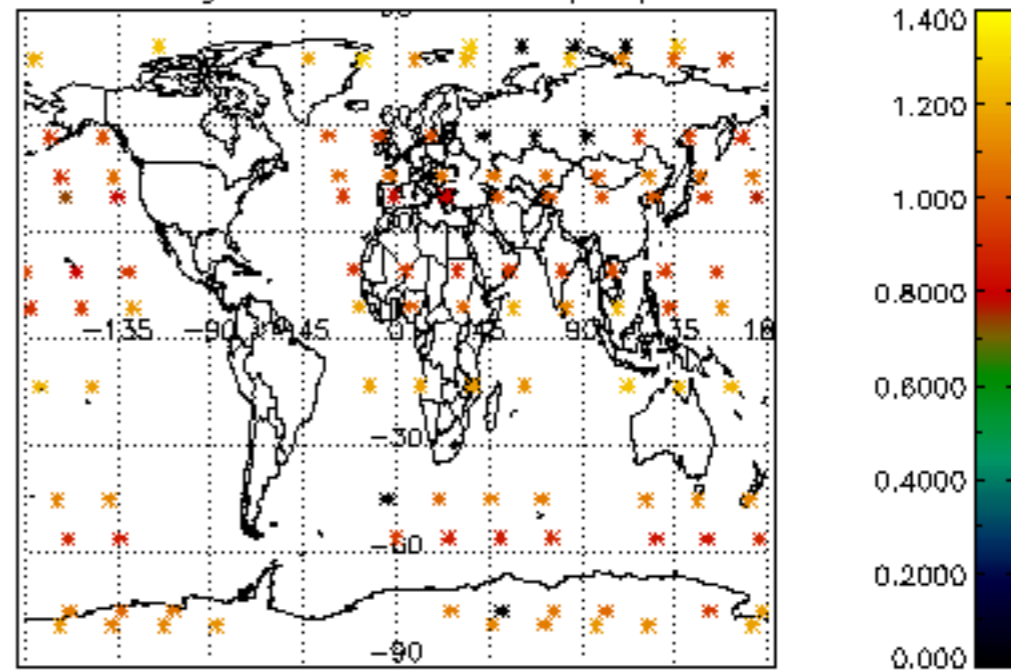




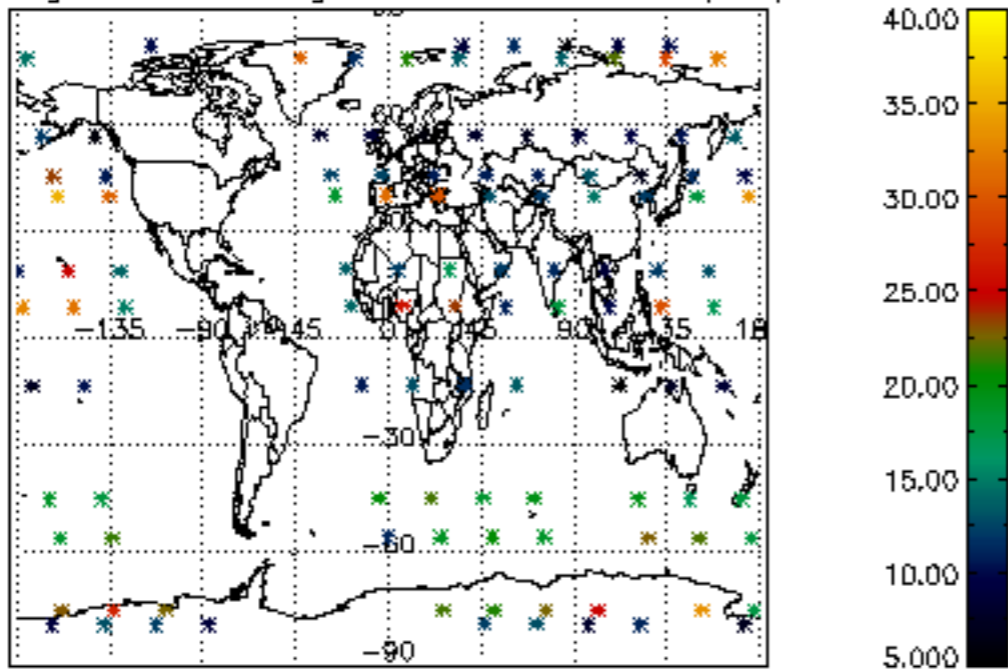
Percentage of cosmic ray hits per profile



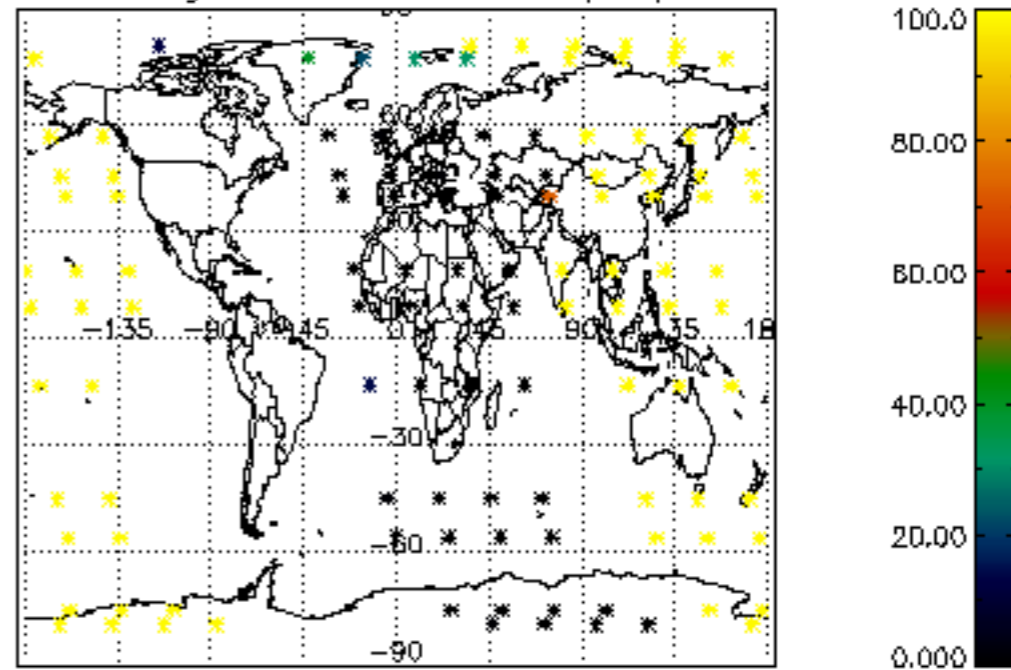
Percentage of datation errors per profile



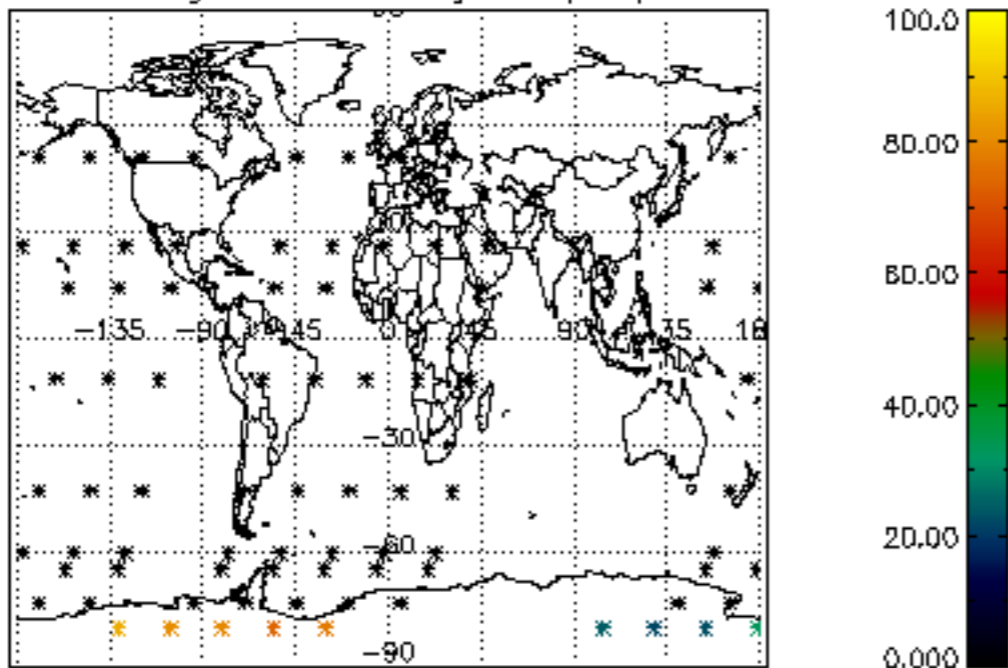
Percentage of star falling outside central band per profile



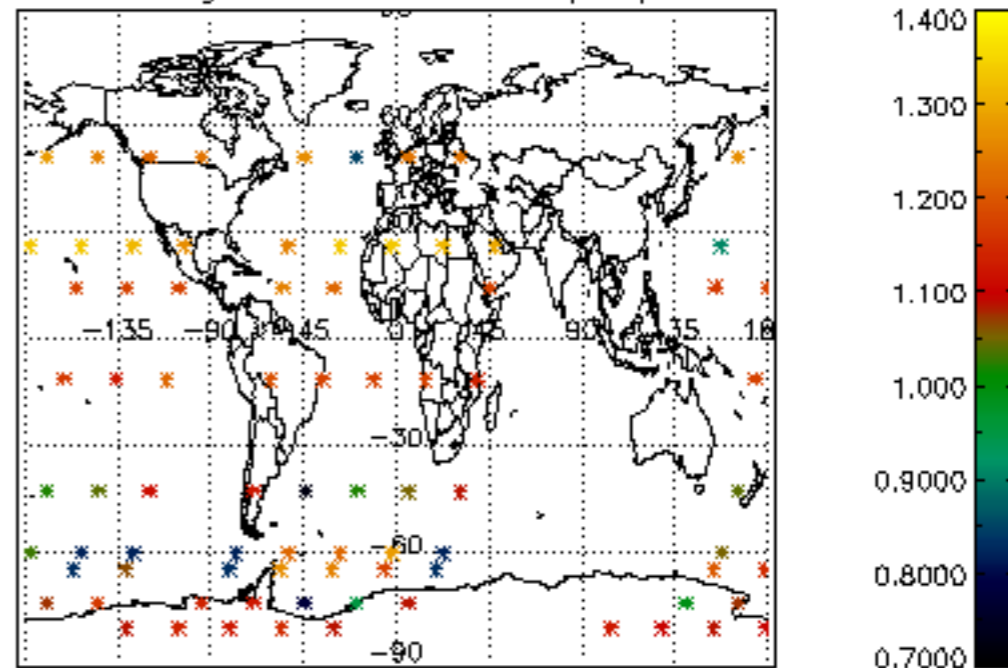
Percentage of saturation errors per profile



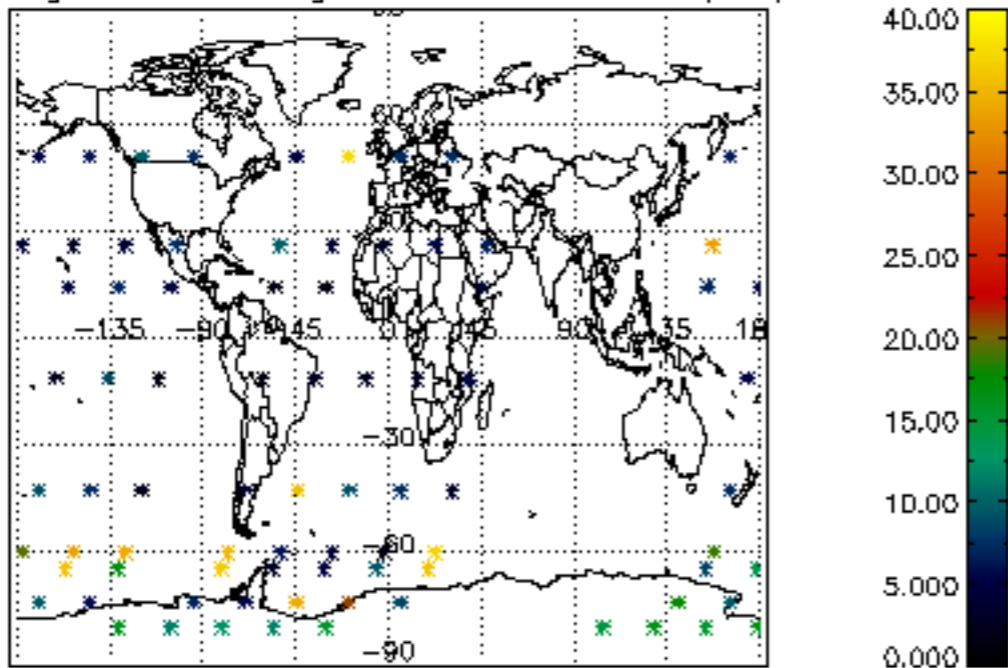
Percentage of cosmic ray hits per profile



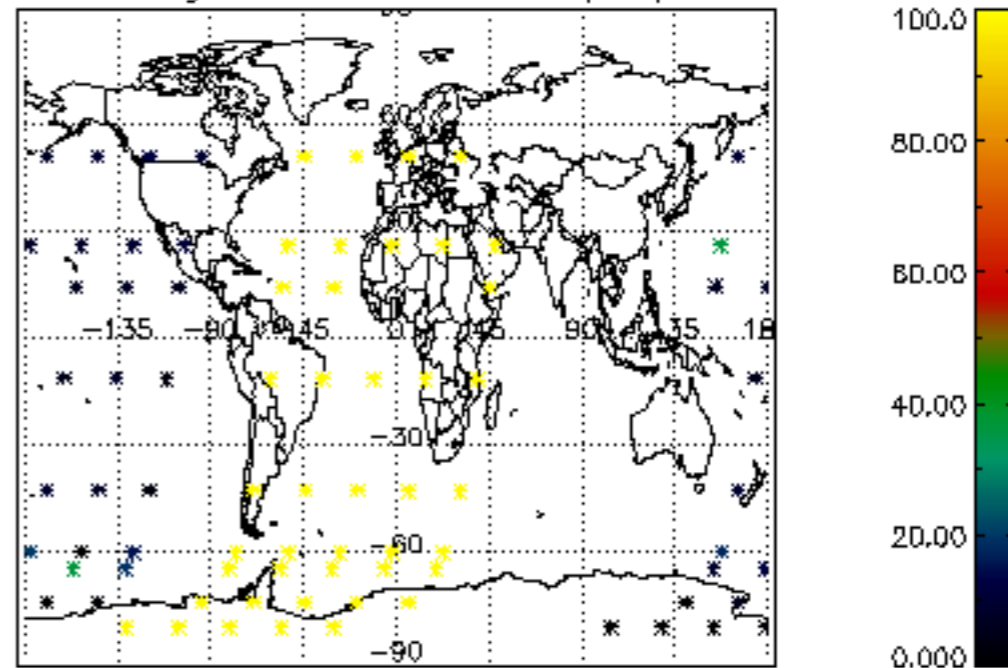
Percentage of datation errors per profile

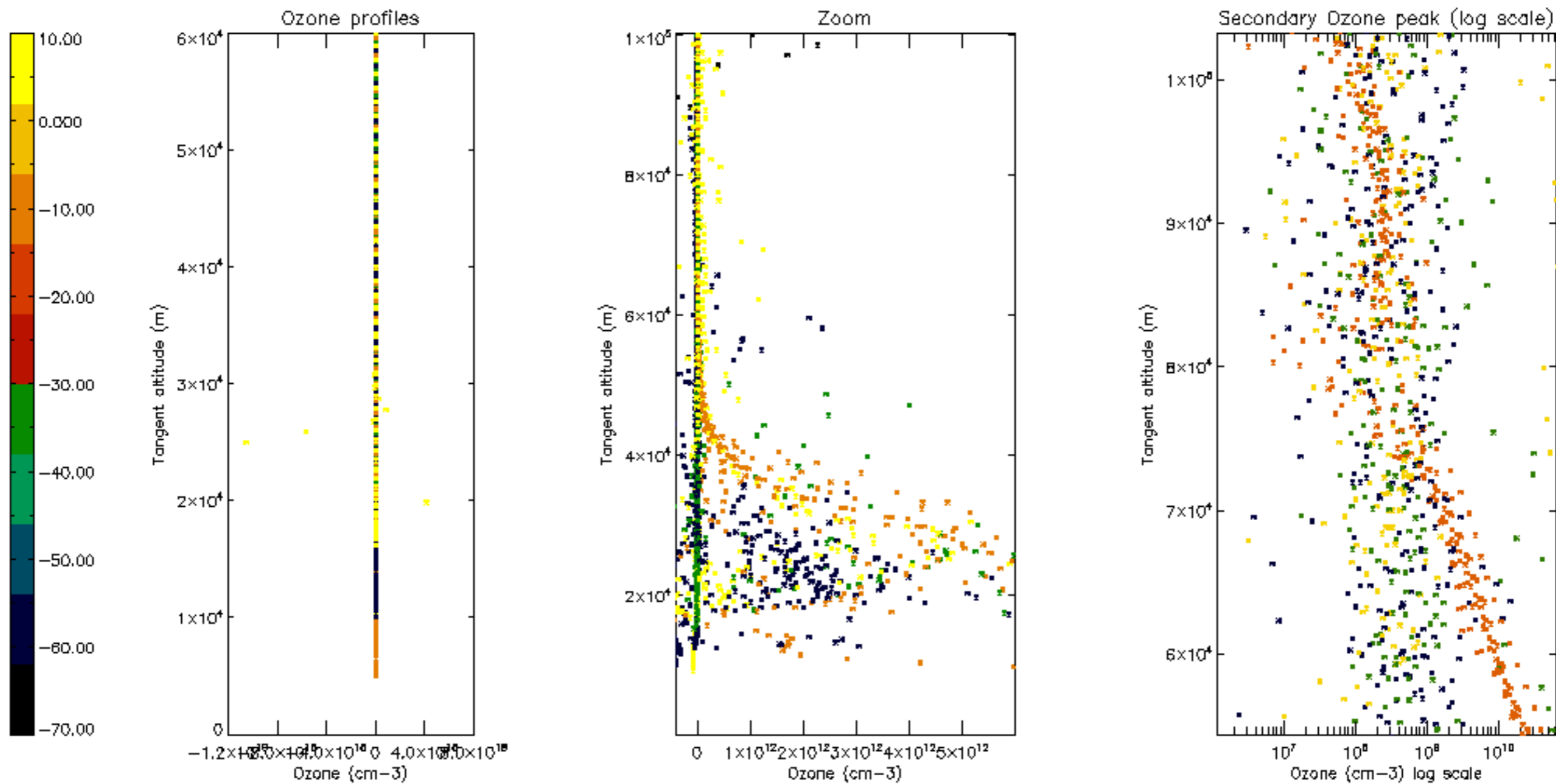


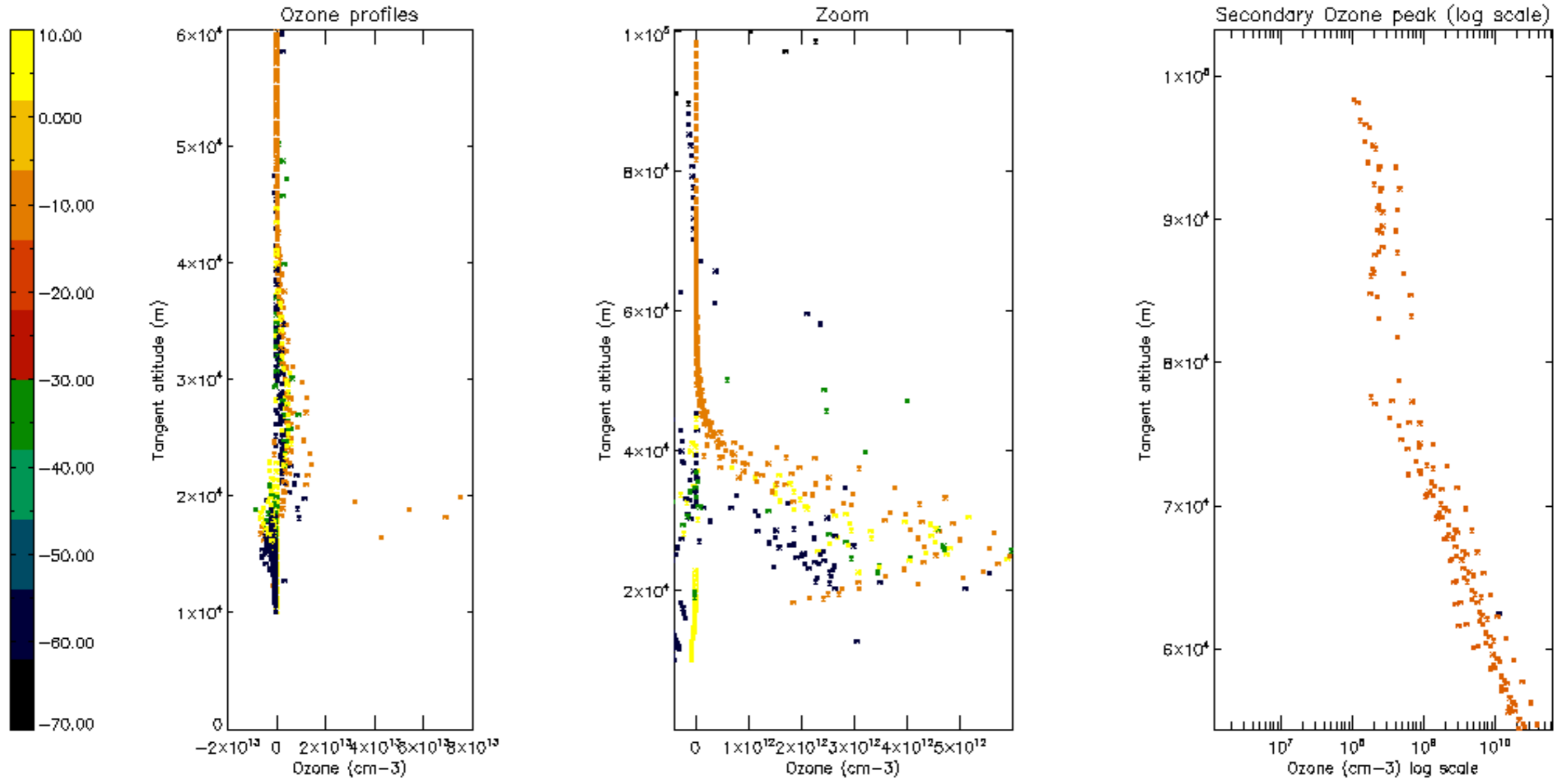
Percentage of star falling outside central band per profile

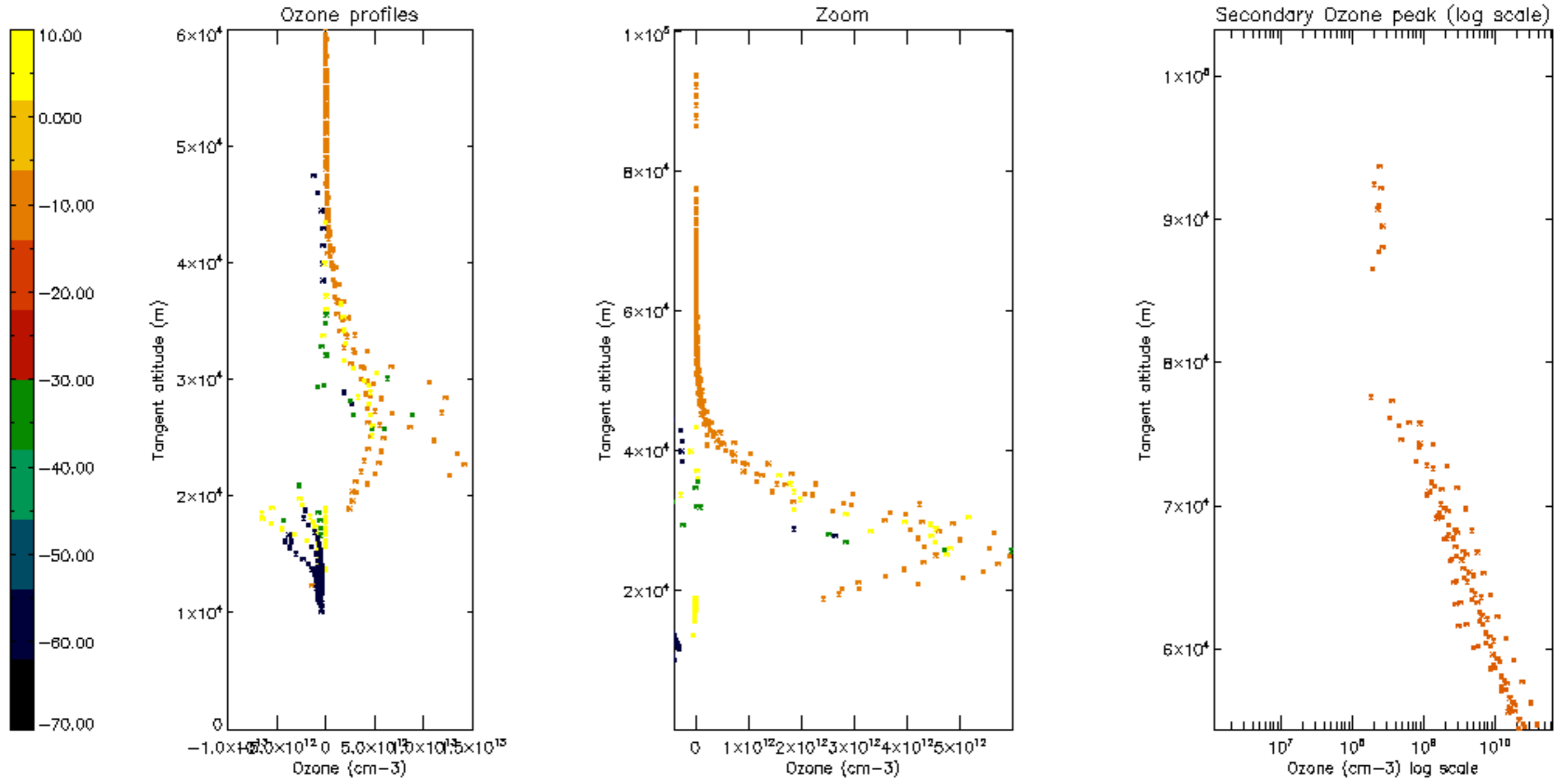


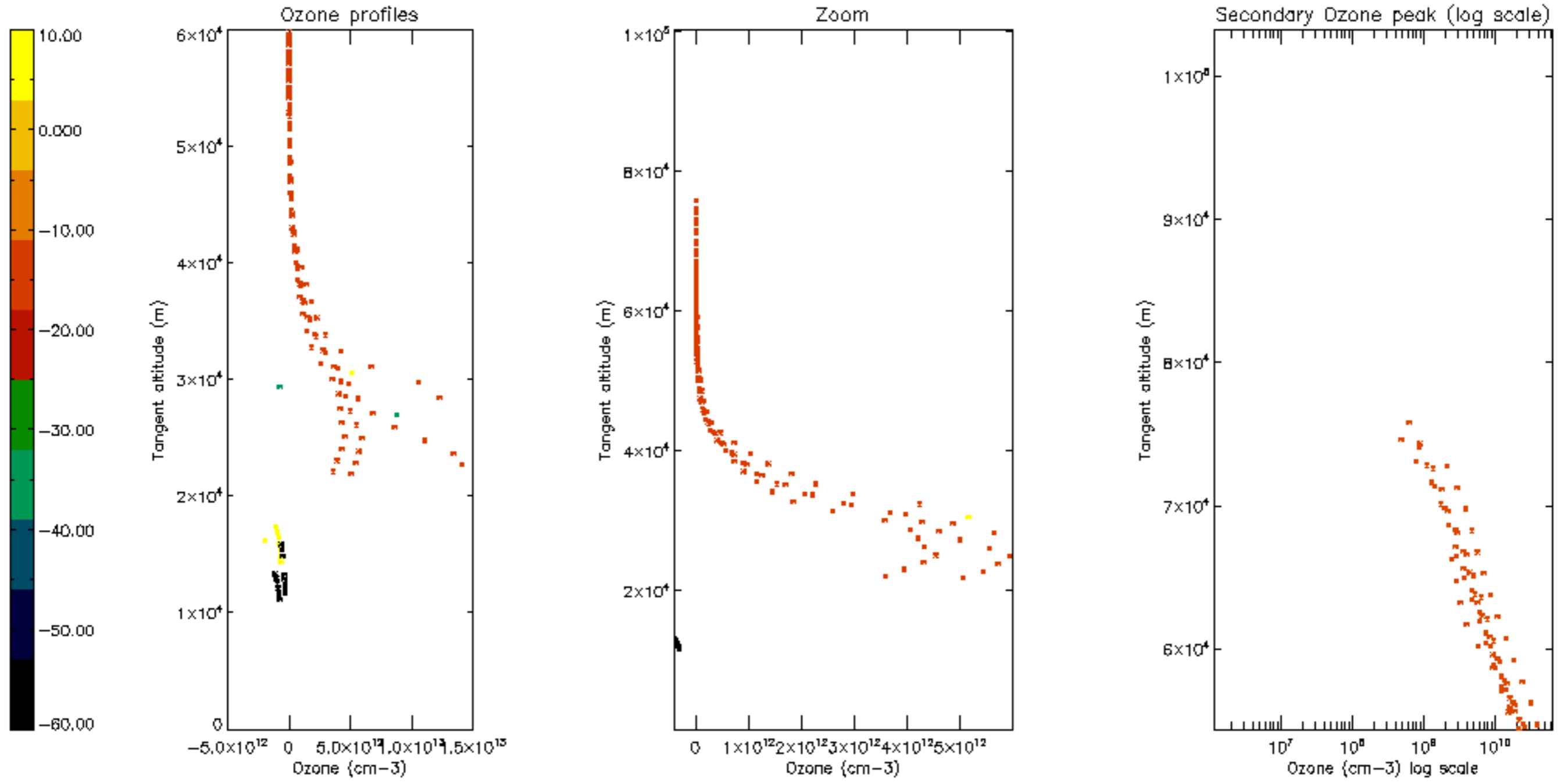
Percentage of saturation errors per profile

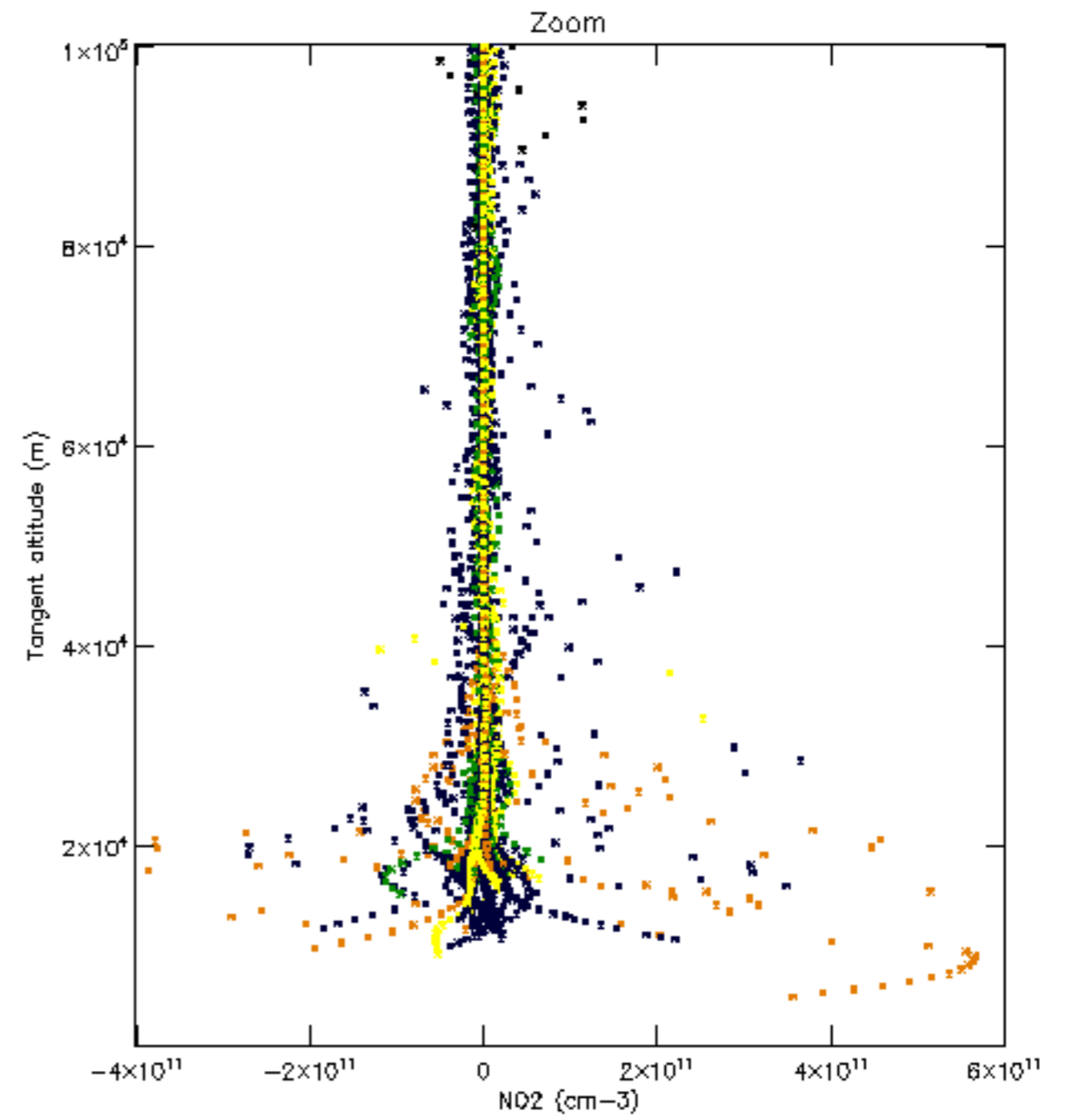
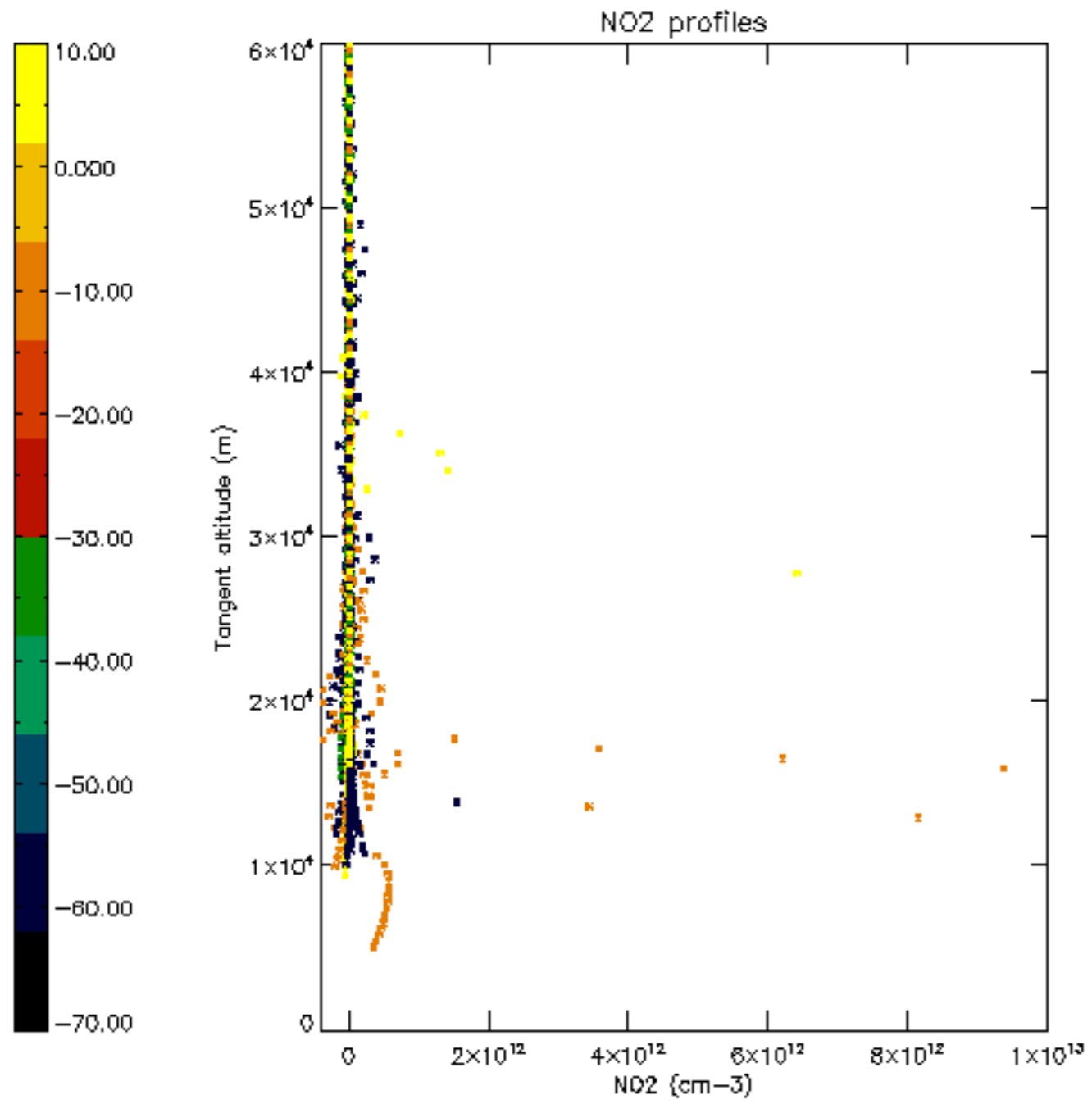


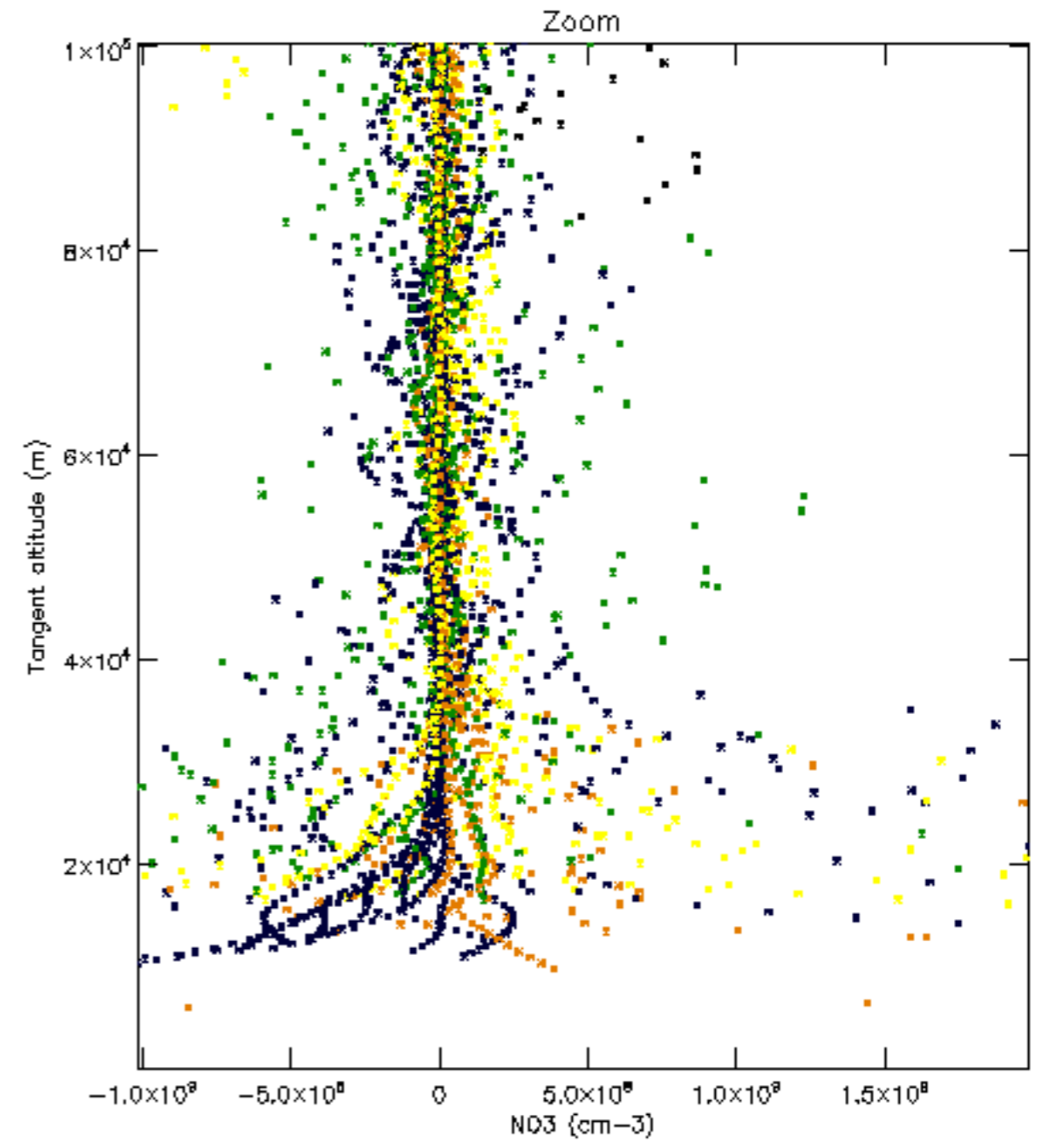
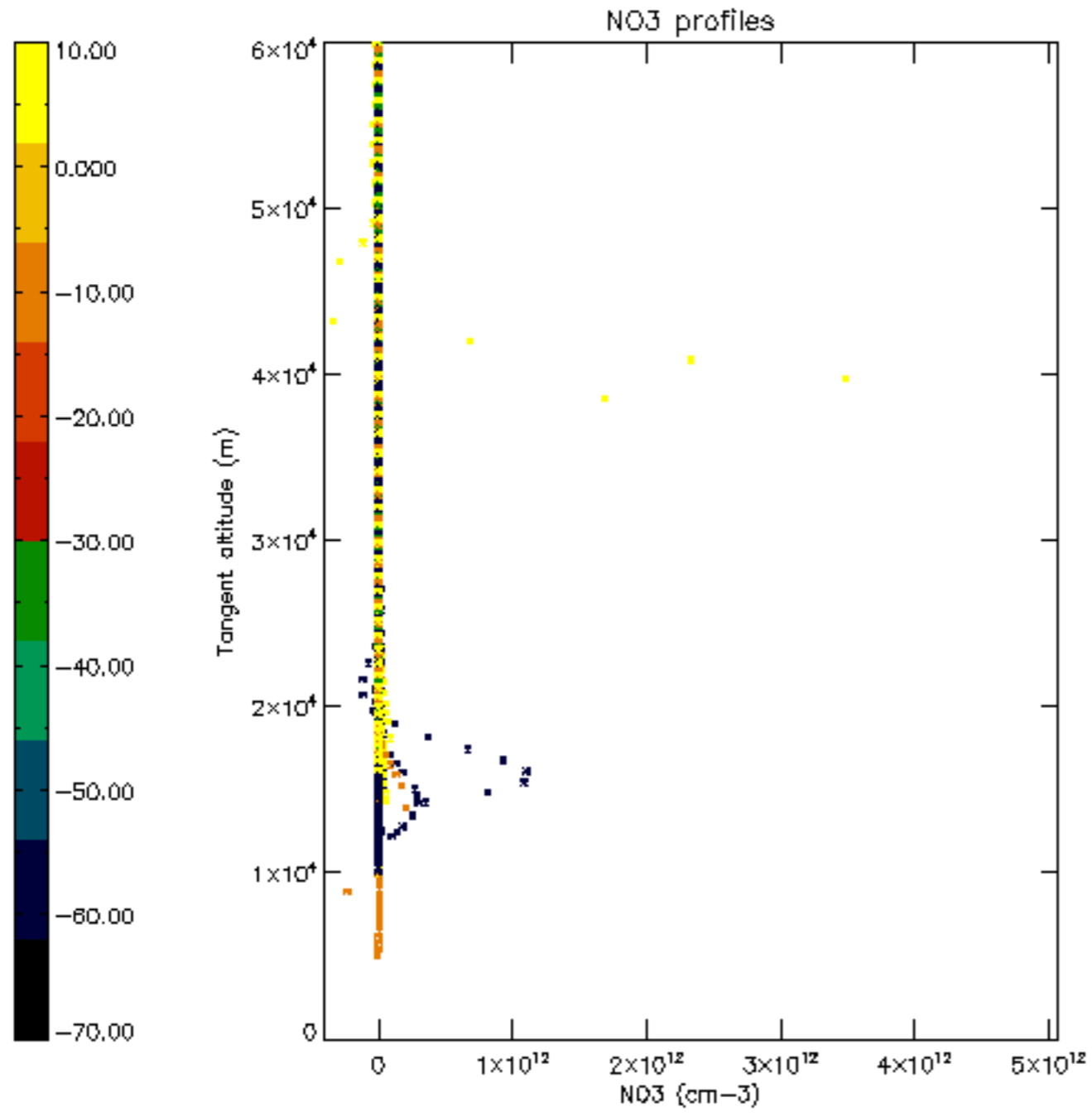


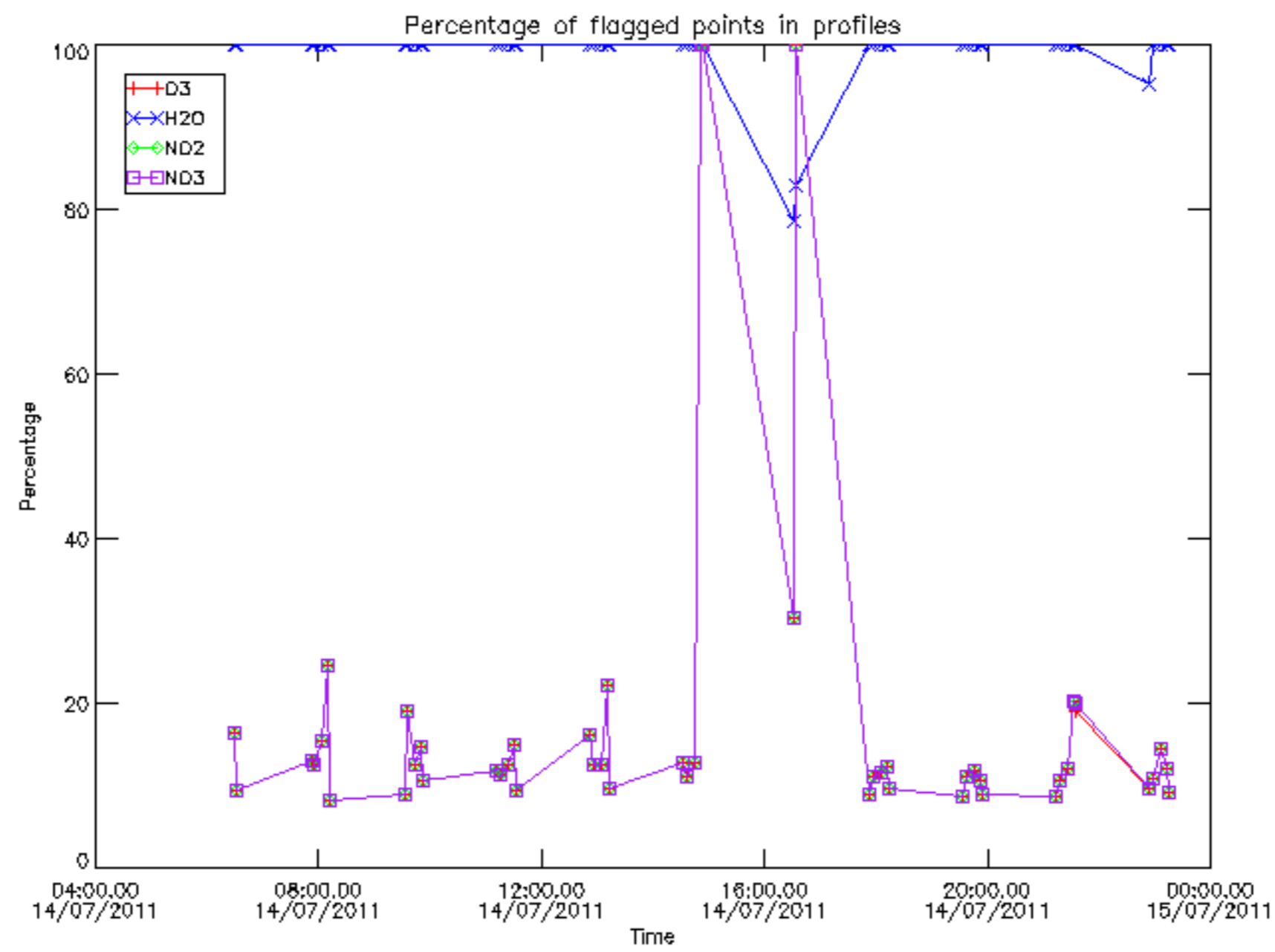




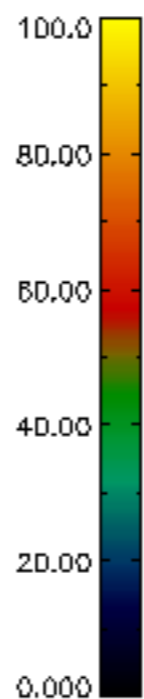
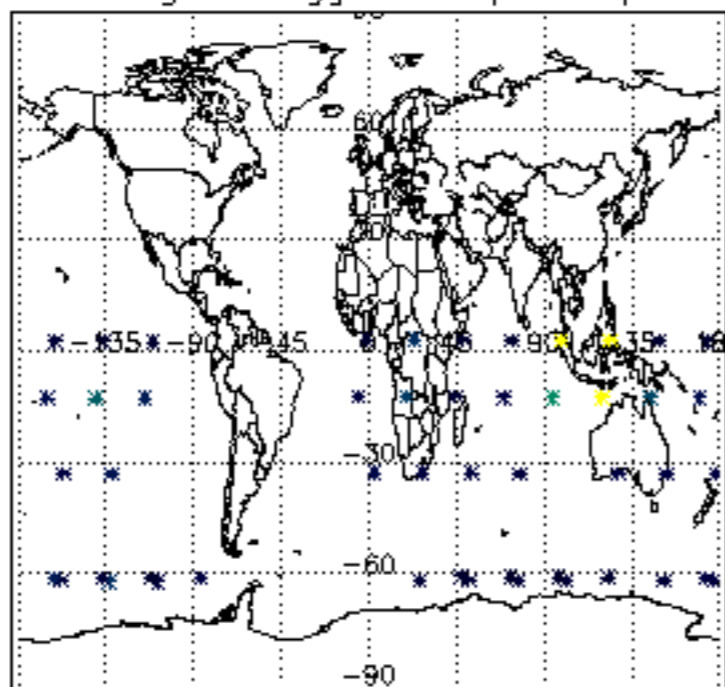




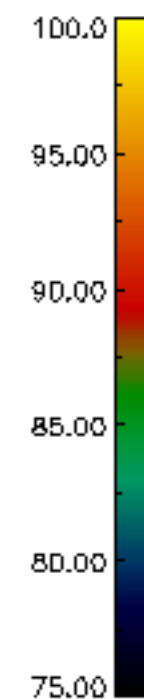
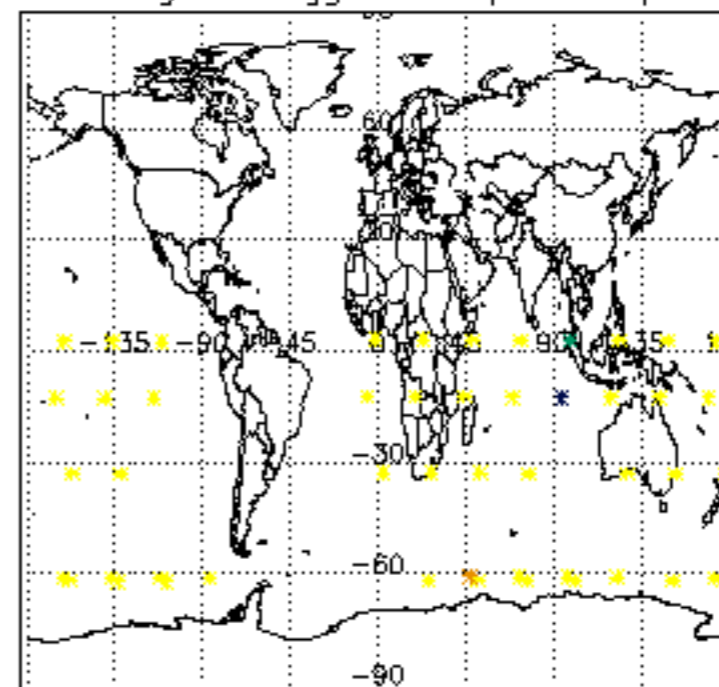




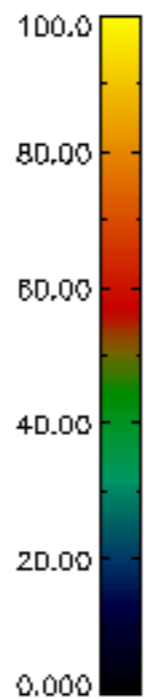
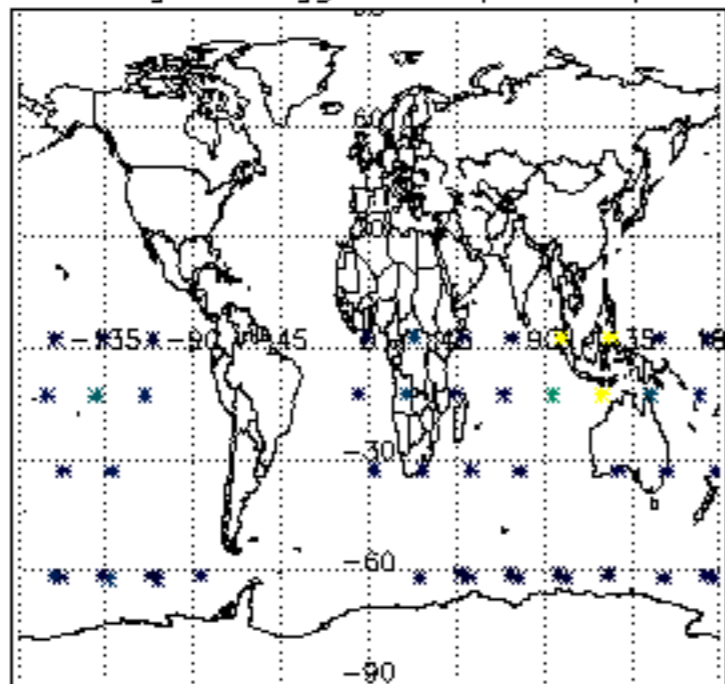
Percentage of flagged data per D3 profile



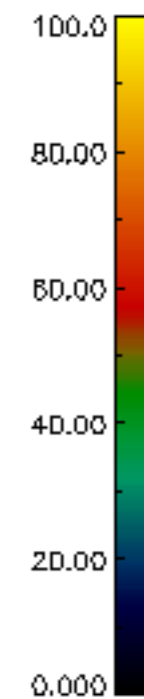
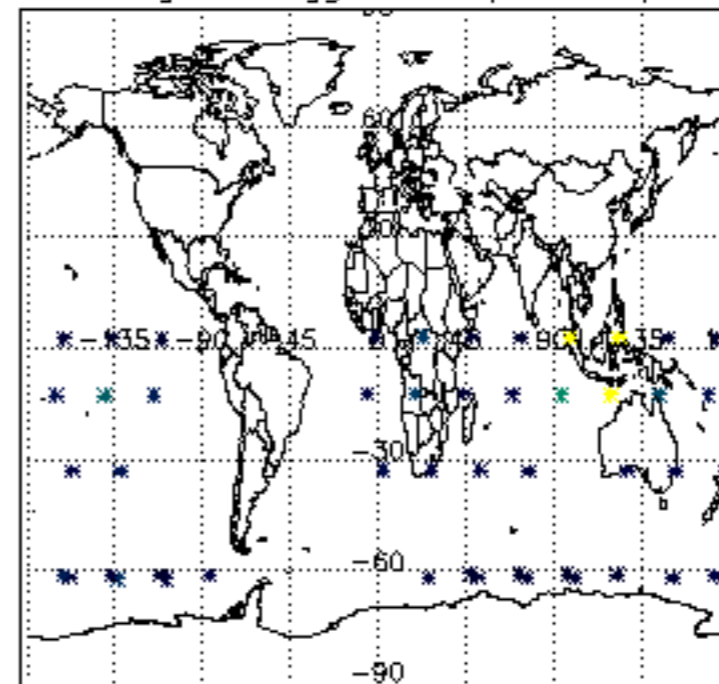
Percentage of flagged data per H2O profile

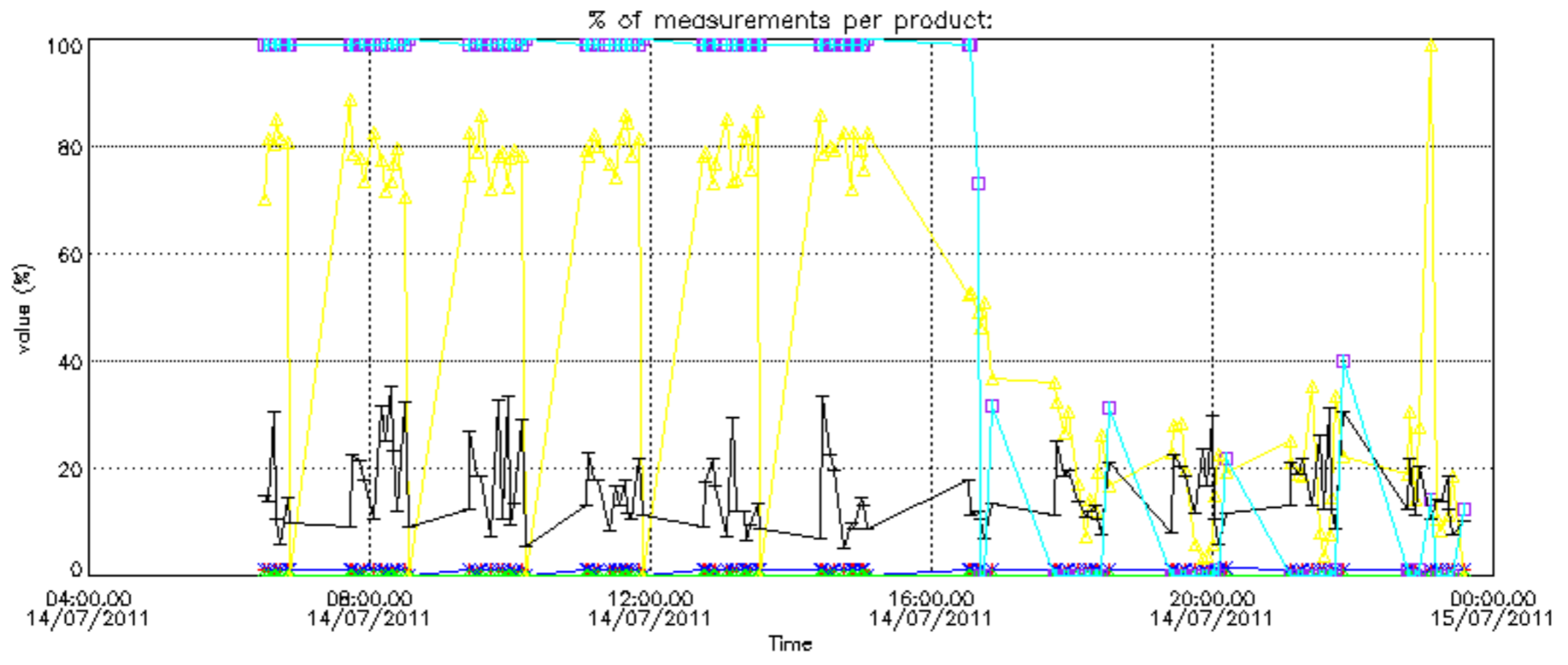


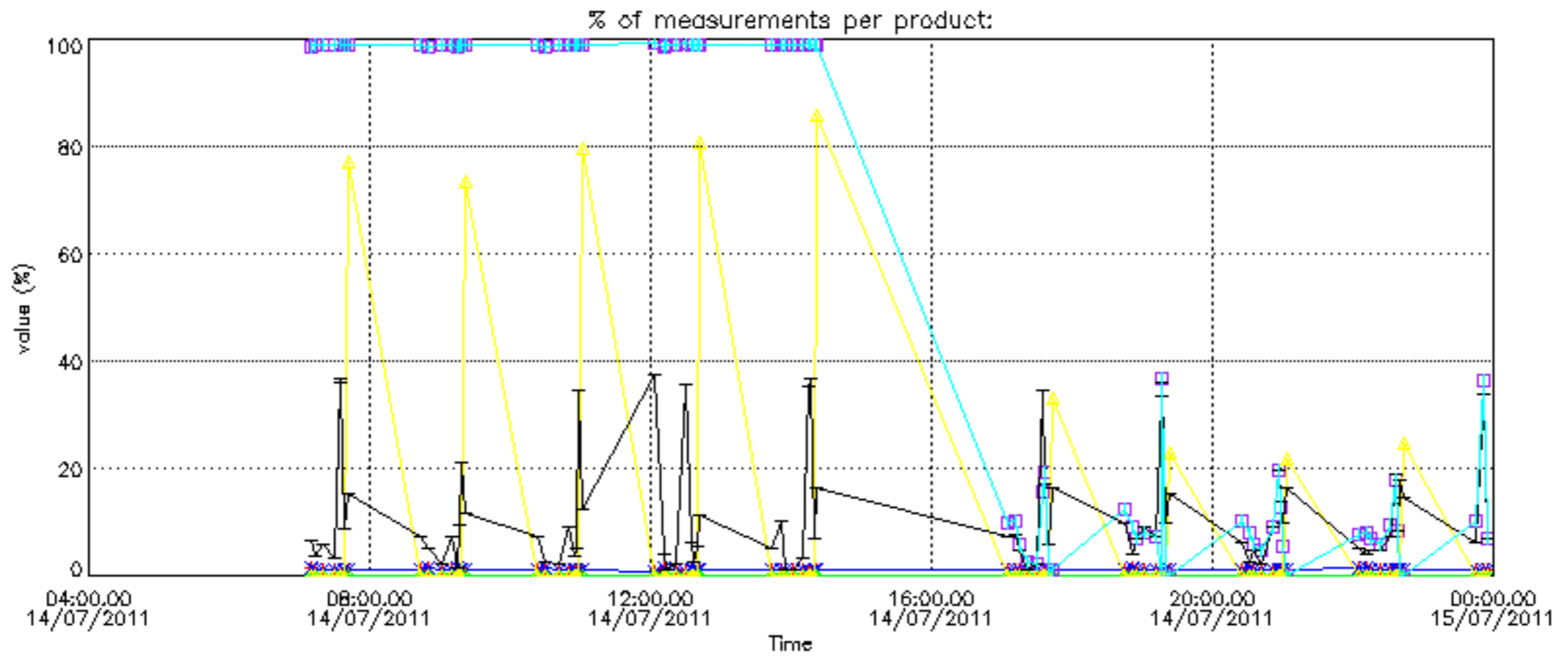
Percentage of flagged data per NO2 profile



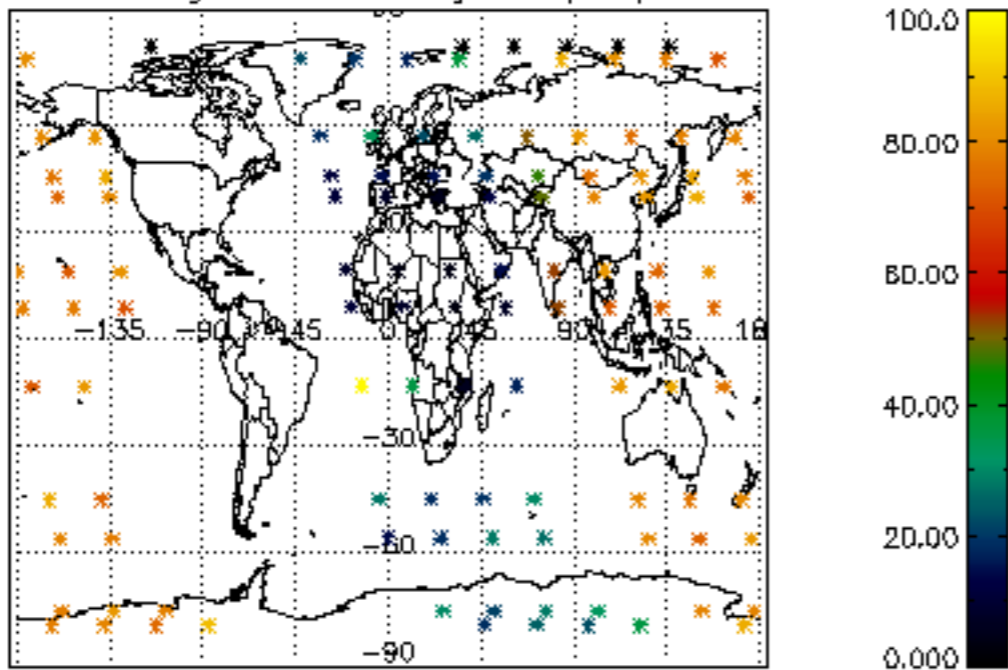
Percentage of flagged data per NO3 profile



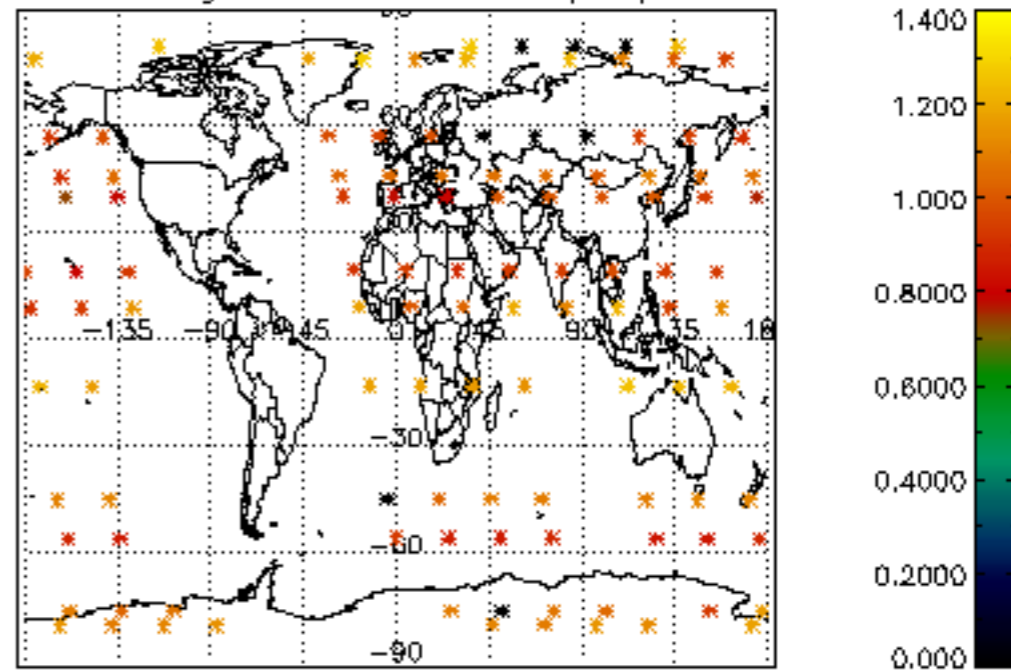




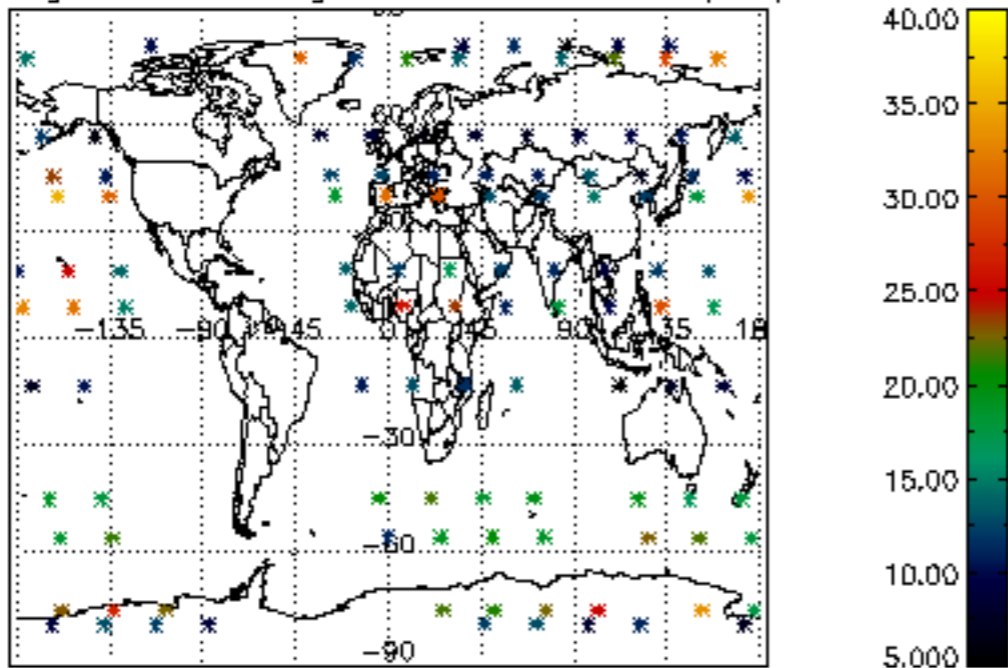
Percentage of cosmic ray hits per profile



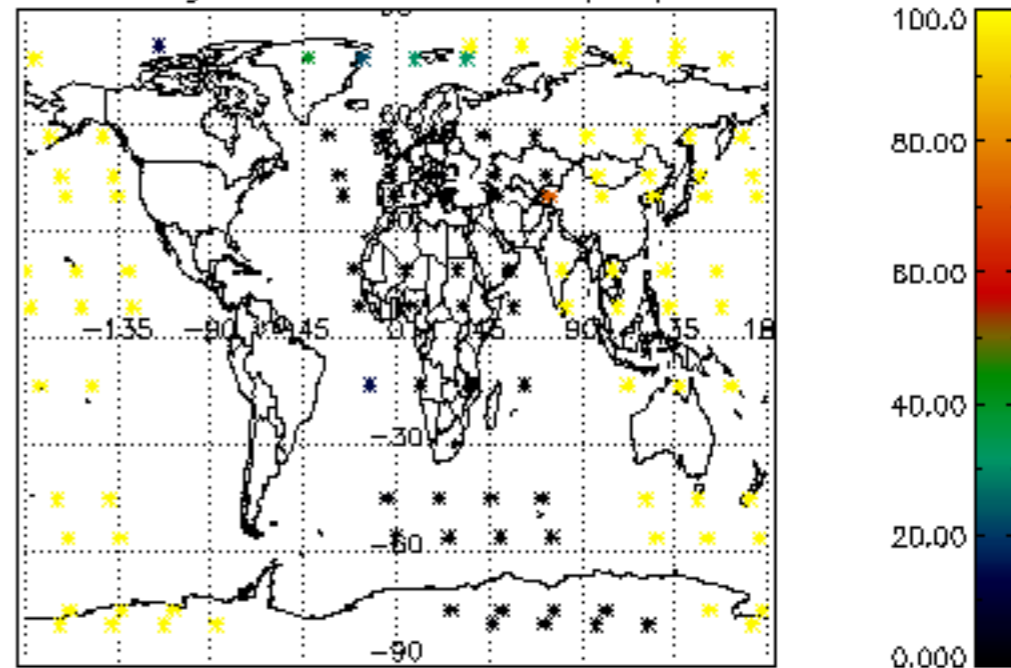
Percentage of datation errors per profile



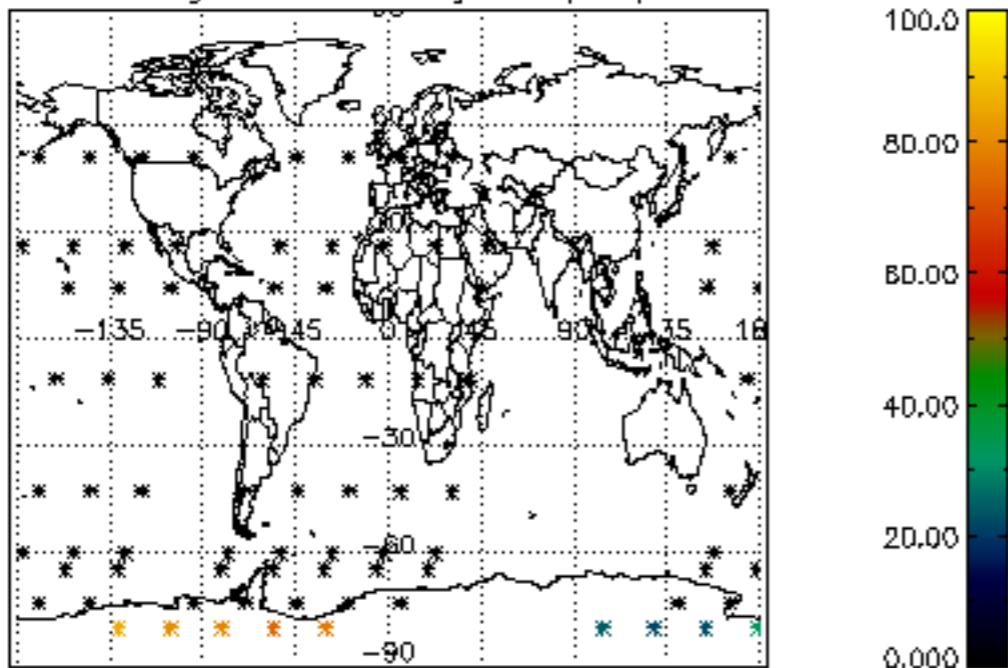
Percentage of star falling outside central band per profile



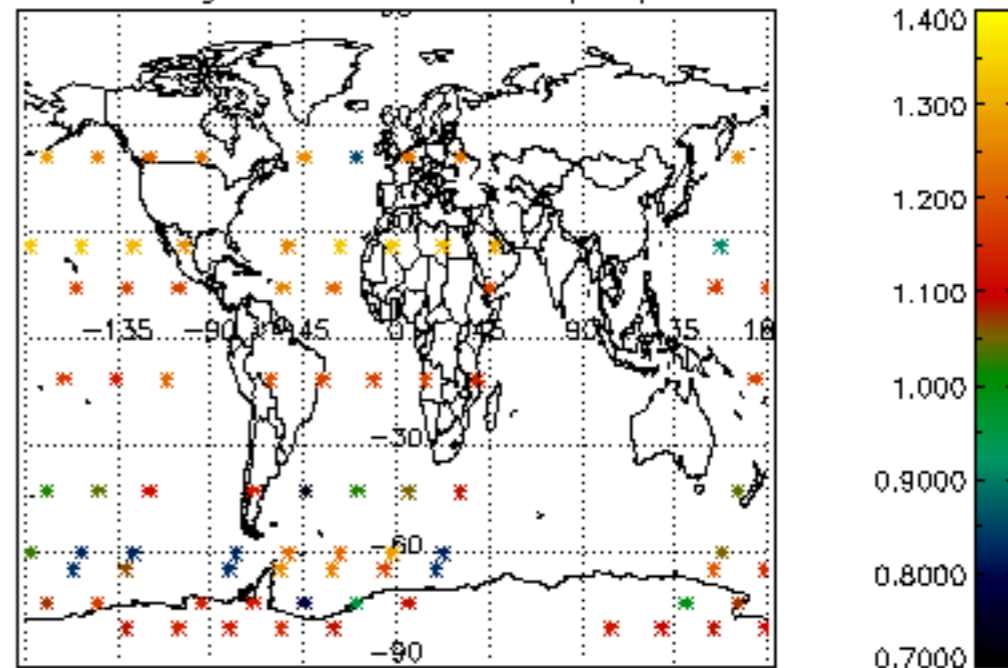
Percentage of saturation errors per profile



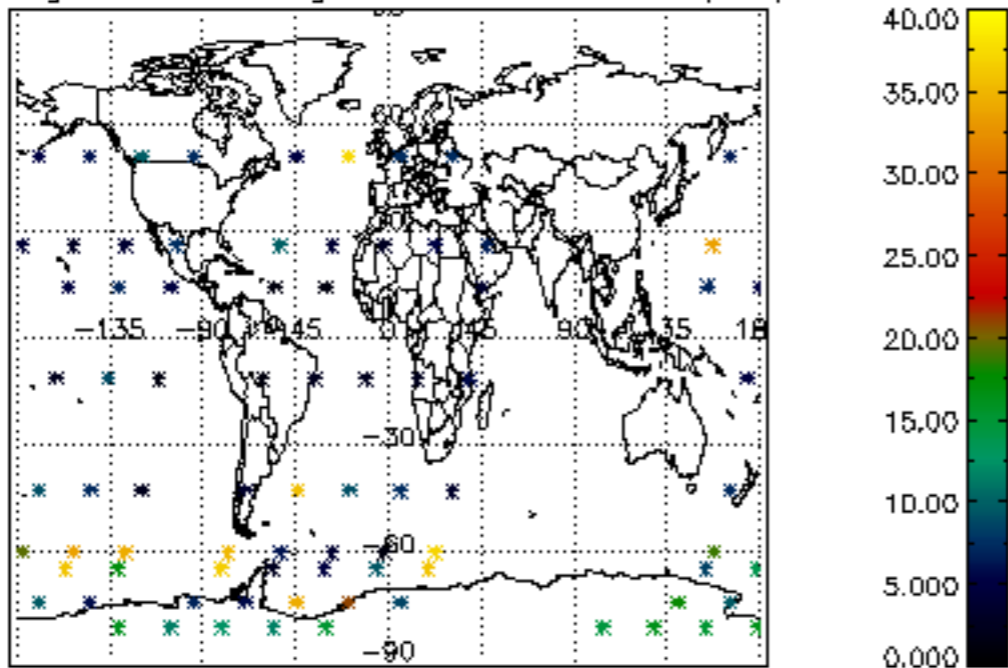
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

