

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 16:02:38
Data source version	GOMOS/6.01
Start time of products	22-07-2011 (22JUL2011 00:00:00)
Stop time of products	23-07-2011 (23JUL2011 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	250
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__2PRFIN20110722_000033_000000553104_00390_49111_9729.N1	22-JUL-2011 00:00:33	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	49111	No
2	GOM_NL__2PRFIN20110722_000709_000000503104_00390_49111_9730.N1	22-JUL-2011 00:07:09	Straylight	49.500	31	Alp Gru	1.7340	15200.	99	49111	No
3	GOM_NL__2PRFIN20110722_001021_000000523104_00390_49111_9731.N1	22-JUL-2011 00:10:21	Straylight	52.000	172	Gam Gru	3.0030	13100.	104	49111	No
4	GOM_NL__2PRFIN20110722_002738_000000453104_00390_49111_9732.N1	22-JUL-2011 00:27:38	Bright	44.500	11	53Alp Aql	0.76500	8000.0	89	49111	No
5	GOM_NL__2PRFIN20110722_003831_000000403104_00390_49111_9733.N1	22-JUL-2011 00:38:31	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	49111	No
6	GOM_NL__2PRFIN20110722_004019_000000483104_00390_49111_9734.N1	22-JUL-2011 00:40:19	Bright	47.500	19	50Alp Cyg	1.2460	10500.	95	49111	No
7	GOM_NL__2PRFIN20110722_004530_000000433104_00390_49111_9735.N1	22-JUL-2011 00:45:30	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	49111	No
8	GOM_NL__2PRFIN20110722_005415_000000493104_00390_49111_9736.N1	22-JUL-2011 00:54:15	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	49111	No
9	GOM_NL__2PRFIN20110722_005951_000000543104_00390_49111_9737.N1	22-JUL-2011 00:59:51	Bright	53.500	160	23Gam Per	2.9300	4700.0	107	49111	No
10	GOM_NL__2PRFIN20110722_010119_000000453104_00390_49111_9738.N1	22-JUL-2011 01:01:19	Bright	45.000	35	33Alp Per	1.7950	6250.0	90	49111	No
11	GOM_NL__2PRFIN20110722_010422_000000543104_00390_49111_9739.N1	22-JUL-2011 01:04:22	Bright	54.000	79	26Bet Per	2.3100	13100.	108	49111	No
12	GOM_NL__2PRFIN20110722_010734_000000503104_00390_49111_9740.N1	22-JUL-2011 01:07:34	Twilight	49.500	150	44Zet Per	2.8900	28000.	99	49111	No
13	GOM_NL__2PRFIN20110722_011020_000000463104_00390_49111_9741.N1	22-JUL-2011 01:10:20	Twilight	46.000	146	25Eta Tau	2.8730	15200.	92	49111	No
14	GOM_NL__2PRFIN20110722_011156_000000403104_00390_49111_9742.N1	22-JUL-2011 01:11:56	Dark	40.000	13	87Alp Tau	0.86700	3800.0	80	49111	No
15	GOM_NL__2PRFIN20110722_012151_000000493104_00390_49111_9743.N1	22-JUL-2011 01:21:51	Dark	49.000	165	34Gam Eri	2.9500	3200.0	98	49111	No
16	GOM_NL__2PRFIN20110722_013103_000000433104_00390_49111_9744.N1	22-JUL-2011 01:31:03	Dark	43.000	157	The1Eri	2.9060	9300.0	86	49111	No
17	GOM_NL__2PRFIN20110722_013701_000000513104_00391_49112_9728.N1	22-JUL-2011 01:37:01	Dark	50.500	9	Alp Eri	0.45300	24000.	101	49112	No
18	GOM_NL__2PRFIN20110722_014048_000000543104_00391_49112_9729.N1	22-JUL-2011 01:40:48	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	49112	No
19	GOM_NL__2PRFIN20110722_014724_000000513104_00391_49112_9730.N1	22-JUL-2011 01:47:24	Straylight	50.500	31	Alp Gru	1.7340	15200.	101	49112	No
20	GOM_NL__2PRFIN20110722_015035_000000493104_00391_49112_9731.N1	22-JUL-2011 01:50:35	Straylight	48.500	172	Gam Gru	3.0030	13100.	97	49112	No
21	GOM_NL__2PRFIN20110722_020752_000000433104_00391_49112_9732.N1	22-JUL-2011 02:07:52	Bright	42.500	11	53Alp Aql	0.76500	8000.0	85	49112	No
22	GOM_NL__2PRFIN20110722_021845_000000403104_00391_49112_9733.N1	22-JUL-2011 02:18:45	Bright	39.500	144	18Del Cyg	2.8600	11000.	79	49112	No
23	GOM_NL__2PRFIN20110722_022032_000000473104_00391_49112_9734.N1	22-JUL-2011 02:20:32	Bright	47.000	19	50Alp Cyg	1.2460	10500.	94	49112	No
24	GOM_NL__2PRFIN20110722_022543_000000403104_00391_49112_9735.N1	22-JUL-2011 02:25:43	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	49112	No
25	GOM_NL__2PRFIN20110722_023428_000000473104_00391_49112_9736.N1	22-JUL-2011 02:34:28	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	49112	No
26	GOM_NL__2PRFIN20110722_024005_000000453104_00391_49112_9737.N1	22-JUL-2011 02:40:05	Bright	45.000	160	23Gam Per	2.9300	4700.0	90	49112	No
27	GOM_NL__2PRFIN20110722_024133_000000443104_00391_49112_9738.N1	22-JUL-2011 02:41:33	Bright	44.000	35	33Alp Per	1.7950	6250.0	88	49112	No
28	GOM_NL__2PRFIN20110722_024436_000000523104_00391_49112_9739.N1	22-JUL-2011 02:44:36	Bright	51.500	79	26Bet Per	2.3100	13100.	103	49112	No
29	GOM_NL__2PRFIN20110722_024748_000000483104_00391_49112_9740.N1	22-JUL-2011 02:47:48	Twilight	48.000	150	44Zet Per	2.8900	28000.	96	49112	No
30	GOM_NL__2PRFIN20110722_025034_000000483104_00391_49112_9741.N1	22-JUL-2011 02:50:34	Twilight	47.500	146	25Eta Tau	2.8730	15200.	95	49112	No
31	GOM_NL__2PRFIN20110722_025210_000000473104_00391_49112_9742.N1	22-JUL-2011 02:52:10	Dark	47.000	13	87Alp Tau	0.86700	3800.0	94	49112	No
32	GOM_NL__2PRFIN20110722_030206_000000503104_00391_49112_9743.N1	22-JUL-2011 03:02:06	Dark	49.500	165	34Gam Eri	2.9500	3200.0	99	49112	No
33	GOM_NL__2PRFIN20110722_031118_000000443104_00391_49112_9744.N1	22-JUL-2011 03:11:18	Dark	43.500	157	The1Eri	2.9060	9300.0	87	49112	No
34	GOM_NL__2PRFIN20110722_031716_000000533104_00392_49113_9728.N1	22-JUL-2011 03:17:16	Dark	52.500	9	Alp Eri	0.45300	24000.	105	49113	No
35	GOM_NL__2PRFIN20110722_032103_000000553104_00392_49113_9729.N1	22-JUL-2011 03:21:03	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	49113	No
36	GOM_NL__2PRFIN20110722_032738_000000453104_00392_49113_9730.N1	22-JUL-2011 03:27:38	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	49113	No
37	GOM_NL__2PRFIN20110722_033050_000000483104_00392_49113_9731.N1	22-JUL-2011 03:30:50	Straylight	48.000	172	Gam Gru	3.0030	13100.	96	49113	No
38	GOM_NL__2PRFIN20110722_034806_000000423104_00392_49113_9732.N1	22-JUL-2011 03:48:06	Bright	42.000	11	53Alp Aql	0.76500	8000.0	84	49113	No
39	GOM_NL__2PRFIN20110722_035859_000000393104_00392_49113_9733.N1	22-JUL-2011 03:58:59	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	49113	No
40	GOM_NL__2PRFIN20110722_040046_000000463104_00392_49113_9734.N1	22-JUL-2011 04:00:46	Bright	46.000	19	50Alp Cyg	1.2460	10500.	92	49113	No
41	GOM_NL__2PRFIN20110722_040557_000000413104_00392_49113_9735.N1	22-JUL-2011 04:05:57	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	49113	No
42	GOM_NL__2PRFIN20110722_041442_000000473104_00392_49113_9736.N1	22-JUL-2011 04:14:42	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	49113	No

43	GOM_NL__2PRFIN20110722_042019_000000443104_00392_49113_9737.N1	22-JUL-2011 04:20:19	Bright	44.000	160	23Gam Per	2.9300	4700.0	88	49113	No
44	GOM_NL__2PRFIN20110722_042147_000000453104_00392_49113_9738.N1	22-JUL-2011 04:21:47	Bright	44.500	35	33Alp Per	1.7950	6250.0	89	49113	No
45	GOM_NL__2PRFIN20110722_042450_000000523104_00392_49113_9739.N1	22-JUL-2011 04:24:50	Bright	51.500	79	26Bet Per	2.3100	13100.	103	49113	No
46	GOM_NL__2PRFIN20110722_042802_000000493104_00392_49113_9740.N1	22-JUL-2011 04:28:02	Twi_and_stray	48.500	150	44Zet Per	2.8900	28000.	97	49113	No
47	GOM_NL__2PRFIN20110722_043049_000000463104_00392_49113_9741.N1	22-JUL-2011 04:30:49	Twilight	46.000	146	25Eta Tau	2.8730	15200.	92	49113	No
48	GOM_NL__2PRFIN20110722_043225_000000483104_00392_49113_9742.N1	22-JUL-2011 04:32:25	Dark	48.000	13	87Alp Tau	0.86700	3800.0	96	49113	No
49	GOM_NL__2PRFIN20110722_044220_000000503104_00392_49113_9743.N1	22-JUL-2011 04:42:20	Dark	50.000	165	34Gam Eri	2.9500	3200.0	100	49113	No
50	GOM_NL__2PRFIN20110722_045133_000000443104_00392_49113_9744.N1	22-JUL-2011 04:51:33	Dark	43.500	157	The1Eri	2.9060	9300.0	87	49113	No
51	GOM_NL__2PRFIN20110722_045730_000000533104_00393_49114_9728.N1	22-JUL-2011 04:57:30	Dark	53.000	9	Alp Eri	0.45300	24000.	106	49114	No
52	GOM_NL__2PRFIN20110722_050118_000000553104_00393_49114_9729.N1	22-JUL-2011 05:01:18	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	49114	No
53	GOM_NL__2PRFIN20110722_050753_000000503104_00393_49114_9730.N1	22-JUL-2011 05:07:53	Straylight	50.000	31	Alp Gru	1.7340	15200.	100	49114	No
54	GOM_NL__2PRFIN20110722_051105_000000483104_00393_49114_9731.N1	22-JUL-2011 05:11:05	Straylight	48.000	172	Gam Gru	3.0030	13100.	96	49114	No
55	GOM_NL__2PRFIN20110722_052820_000000423104_00393_49114_9732.N1	22-JUL-2011 05:28:20	Bright	42.000	11	53Alp Aql	0.76500	8000.0	84	49114	No
56	GOM_NL__2PRFIN20110722_053912_000000403104_00393_49114_9733.N1	22-JUL-2011 05:39:12	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	49114	No
57	GOM_NL__2PRFIN20110722_054059_000000463104_00393_49114_9734.N1	22-JUL-2011 05:40:59	Bright	45.500	19	50Alp Cyg	1.2460	10500.	91	49114	No
58	GOM_NL__2PRFIN20110722_054610_000000433104_00393_49114_9735.N1	22-JUL-2011 05:46:10	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	49114	No
59	GOM_NL__2PRFIN20110722_055455_000000483104_00393_49114_9736.N1	22-JUL-2011 05:54:55	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	49114	No
60	GOM_NL__2PRFIN20110722_060033_000000433104_00393_49114_9737.N1	22-JUL-2011 06:00:33	Bright	42.500	160	23Gam Per	2.9300	4700.0	85	49114	No
61	GOM_NL__2PRFIN20110722_060201_000000463104_00393_49114_9738.N1	22-JUL-2011 06:02:01	Bright	45.500	35	33Alp Per	1.7950	6250.0	91	49114	No
62	GOM_NL__2PRFIN20110722_060504_000000483104_00393_49114_9739.N1	22-JUL-2011 06:05:04	Bright	47.500	79	26Bet Per	2.3100	13100.	95	49114	No
63	GOM_NL__2PRFIN20110722_060817_000000483104_00393_49114_9740.N1	22-JUL-2011 06:08:17	Twi_and_stray	48.000	150	44Zet Per	2.8900	28000.	96	49114	No
64	GOM_NL__2PRFIN20110722_061103_000000463104_00393_49114_9741.N1	22-JUL-2011 06:11:03	Twilight	46.000	146	25Eta Tau	2.8730	15200.	92	49114	No
65	GOM_NL__2PRFIN20110722_061239_000000473104_00393_49114_9742.N1	22-JUL-2011 06:12:39	Dark	46.500	13	87Alp Tau	0.86700	3800.0	93	49114	No
66	GOM_NL__2PRFIN20110722_062235_000000503104_00393_49114_9743.N1	22-JUL-2011 06:22:35	Dark	49.500	165	34Gam Eri	2.9500	3200.0	99	49114	No
67	GOM_NL__2PRFIN20110722_063148_000000443104_00393_49114_9744.N1	22-JUL-2011 06:31:48	Dark	43.500	157	The1Eri	2.9060	9300.0	87	49114	No
68	GOM_NL__2PRFIN20110722_063745_000000553104_00394_49115_9727.N1	22-JUL-2011 06:37:45	Dark	55.000	9	Alp Eri	0.45300	24000.	110	49115	No
69	GOM_NL__2PRFIN20110722_064133_000000563104_00394_49115_9728.N1	22-JUL-2011 06:41:33	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	49115	No
70	GOM_NL__2PRFIN20110722_064808_000000473104_00394_49115_9729.N1	22-JUL-2011 06:48:08	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	49115	No
71	GOM_NL__2PRFIN20110722_065120_000000493104_00394_49115_9730.N1	22-JUL-2011 06:51:20	Straylight	48.500	172	Gam Gru	3.0030	13100.	97	49115	No
72	GOM_NL__2PRFIN20110722_070834_000000423104_00394_49115_9731.N1	22-JUL-2011 07:08:34	Bright	41.500	11	53Alp Aql	0.76500	8000.0	83	49115	No
73	GOM_NL__2PRFIN20110722_071926_000000403104_00394_49115_9732.N1	22-JUL-2011 07:19:26	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	49115	No
74	GOM_NL__2PRFIN20110722_072112_000000463104_00394_49115_9733.N1	22-JUL-2011 07:21:12	Bright	46.000	19	50Alp Cyg	1.2460	10500.	92	49115	No
75	GOM_NL__2PRFIN20110722_072624_000000403104_00394_49115_9734.N1	22-JUL-2011 07:26:24	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	49115	No
76	GOM_NL__2PRFIN20110722_073509_000000683104_00394_49115_9735.N1	22-JUL-2011 07:35:09	Bright	67.500	76	27Gam Cas	2.3000	30000.	135	49115	No
77	GOM_NL__2PRFIN20110722_074046_000000603104_00394_49115_9736.N1	22-JUL-2011 07:40:46	Bright	59.500	160	23Gam Per	2.9300	4700.0	119	49115	No
78	GOM_NL__2PRFIN20110722_074215_000000453104_00394_49115_9737.N1	22-JUL-2011 07:42:15	Bright	44.500	35	33Alp Per	1.7950	6250.0	89	49115	No
79	GOM_NL__2PRFIN20110722_074518_000000513104_00394_49115_9738.N1	22-JUL-2011 07:45:18	Bright	50.500	79	26Bet Per	2.3100	13100.	101	49115	No
80	GOM_NL__2PRFIN20110722_074831_000000503104_00394_49115_9739.N1	22-JUL-2011 07:48:31	Twi_and_stray	49.500	150	44Zet Per	2.8900	28000.	99	49115	No
81	GOM_NL__2PRFIN20110722_075117_000000473104_00394_49115_9740.N1	22-JUL-2011 07:51:17	Twilight	46.500	146	25Eta Tau	2.8730	15200.	93	49115	No
82	GOM_NL__2PRFIN20110722_075253_000000403104_00394_49115_9741.N1	22-JUL-2011 07:52:53	Dark	40.000	13	87Alp Tau	0.86700	3800.0	80	49115	No
83	GOM_NL__2PRFIN20110722_080250_000000513104_00394_49115_9742.N1	22-JUL-2011 08:02:50	Dark	50.500	165	34Gam Eri	2.9500	3200.0	101	49115	No
84	GOM_NL__2PRFIN20110722_081203_000000453104_00394_49115_9743.N1	22-JUL-2011 08:12:03	Dark	44.500	157	The1Eri	2.9060	9300.0	89	49115	No
85	GOM_NL__2PRFIN20110722_081800_000000443104_00395_49116_9727.N1	22-JUL-2011 08:18:00	Dark	43.500	9	Alp Eri	0.45300	24000.	87	49116	No
86	GOM_NL__2PRFIN20110722_082148_000000533104_00395_49116_9728.N1	22-JUL-2011 08:21:48	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	49116	No
87	GOM_NL__2PRFIN20110722_082822_000000473104_00395_49116_9729.N1	22-JUL-2011 08:28:22	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	49116	No
88	GOM_NL__2PRFIN20110722_083134_000000483104_00395_49116_9730.N1	22-JUL-2011 08:31:34	Straylight	48.000	172	Gam Gru	3.0030	13100.	96	49116	No
89	GOM_NL__2PRFIN20110722_084847_000000443104_00395_49116_9731.N1	22-JUL-2011 08:48:47	Bright	43.500	11	53Alp Aql	0.76500	8000.0	87	49116	No
90	GOM_NL__2PRFIN20110722_085939_000000403104_00395_49116_9732.N1	22-JUL-2011 08:59:39	Bright	39.500	144	18Del Cyg	2.8600	11000.	79	49116	No
91	GOM_NL__2PRFIN20110722_090126_000000473104_00395_49116_9733.N1	22-JUL-2011 09:01:26	Bright	46.500	19	50Alp Cyg	1.2460	10500.	93	49116	No
92	GOM_NL__2PRFIN20110722_090637_000000443104_00395_49116_9734.N1	22-JUL-2011 09:06:37	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	49116	No
93	GOM_NL__2PRFIN20110722_091522_000000493104_00395_49116_9735.N1	22-JUL-2011 09:15:22	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	49116	No
94	GOM_NL__2PRFIN20110722_092100_000000453104_00395_49116_9736.N1	22-JUL-2011 09:21:00	Bright	44.500	160	23Gam Per	2.9300	4700.0	89	49116	No
95	GOM_NL__2PRFIN20110722_092229_000000453104_00395_49116_9737.N1	22-JUL-2011 09:22:29	Bright	45.000	35	33Alp Per	1.7950	6250.0	90	49116	No
96	GOM_NL__2PRFIN20110722_092532_000000523104_00395_49116_9738.N1	22-JUL-2011 09:25:32	Bright	52.000	79	26Bet Per	2.3100	13100.	104	49116	No
97	GOM_NL__2PRFIN20110722_092845_000000493104_00395_49116_9739.N1	22-JUL-2011 09:28:45	Twi_and_stray	49.000	150	44Zet Per	2.8900	28000.	98	49116	No
98	GOM_NL__2PRFIN20110722_093132_000000503104_00395_49116_9740.N1	22-JUL-2011 09:31:32	Twilight	49.500	146	25Eta Tau	2.8730	15200.	99	49116	No
99	GOM_NL__2PRFIN20110722_093308_000000493104_00395_49116_9741.N1	22-JUL-2011 09:33:08	Dark	49.000	13	87Alp Tau	0.86700	3800.0	98	49116	No
100	GOM_NL__2PRFIN20110722_094304_000000493104_00395_49116_9742.N1	22-JUL-2011 09:43:04	Dark	49.000	165	34Gam Eri	2.9500	3200.0	98	49116	No
101	GOM_NL__2PRFIN20110722_095218_000000433104_00395_49116_9743.N1	22-JUL-2011 09:52:18	Dark	43.000	157	The1Eri	2.9060	9300.0	86	49116	No

102	GOM_NL__2PRFIN20110722_095814_000000423104_00396_49117_9727.N1	22-JUL-2011 09:58:14	Dark	41.500	9	Alp Eri	0.45300	24000.	83	49117	No
103	GOM_NL__2PRFIN20110722_100204_000000523104_00396_49117_9728.N1	22-JUL-2011 10:02:04	Straylight	51.500	84	Alp Phe	2.3970	4500.0	103	49117	No
104	GOM_NL__2PRFIN20110722_100837_000000463104_00396_49117_9729.N1	22-JUL-2011 10:08:37	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	49117	No
105	GOM_NL__2PRFIN20110722_101149_000000503104_00396_49117_9730.N1	22-JUL-2011 10:11:49	Straylight	50.000	172	Gam Gru	3.0030	13100.	100	49117	No
106	GOM_NL__2PRFIN20110722_102901_000000413104_00396_49117_9731.N1	22-JUL-2011 10:29:01	Bright	41.000	11	53Alp Aql	0.76500	8000.0	82	49117	No
107	GOM_NL__2PRFIN20110722_103953_000000403104_00396_49117_9732.N1	22-JUL-2011 10:39:53	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	49117	No
108	GOM_NL__2PRFIN20110722_104139_000000463104_00396_49117_9733.N1	22-JUL-2011 10:41:39	Bright	46.000	19	50Alp Cyg	1.2460	10500.	92	49117	No
109	GOM_NL__2PRFIN20110722_104651_000000433104_00396_49117_9734.N1	22-JUL-2011 10:46:51	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	49117	No
110	GOM_NL__2PRFIN20110722_105535_000000483104_00396_49117_9735.N1	22-JUL-2011 10:55:35	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	49117	No
111	GOM_NL__2PRFIN20110722_110114_000000563104_00396_49117_9736.N1	22-JUL-2011 11:01:14	Bright	56.000	160	23Gam Per	2.9300	4700.0	112	49117	No
112	GOM_NL__2PRFIN20110722_110242_000000453104_00396_49117_9737.N1	22-JUL-2011 11:02:42	Bright	44.500	35	33Alp Per	1.7950	6250.0	89	49117	No
113	GOM_NL__2PRFIN20110722_110546_000000563104_00396_49117_9738.N1	22-JUL-2011 11:05:46	Bright	55.500	79	26Bet Per	2.3100	13100.	111	49117	No
114	GOM_NL__2PRFIN20110722_110859_000000503104_00396_49117_9739.N1	22-JUL-2011 11:08:59	Twi_and_stray	49.500	150	44Zet Per	2.8900	28000.	99	49117	No
115	GOM_NL__2PRFIN20110722_111146_000000533104_00396_49117_9740.N1	22-JUL-2011 11:11:46	Twilight	52.500	146	25Eta Tau	2.8730	15200.	105	49117	No
116	GOM_NL__2PRFIN20110722_111322_000000493104_00396_49117_9741.N1	22-JUL-2011 11:13:22	Dark	48.500	13	87Alp Tau	0.86700	3800.0	97	49117	No
117	GOM_NL__2PRFIN20110722_112319_000000503104_00396_49117_9742.N1	22-JUL-2011 11:23:19	Dark	50.000	165	34Gam Eri	2.9500	3200.0	100	49117	No
118	GOM_NL__2PRFIN20110722_113232_000000443104_00396_49117_9743.N1	22-JUL-2011 11:32:32	Dark	44.000	157	The1Eri	2.9060	9300.0	88	49117	No
119	GOM_NL__2PRFIN20110722_113829_000000413104_00397_49118_9642.N1	22-JUL-2011 11:38:29	Dark	40.500	9	Alp Eri	0.45300	24000.	81	49118	No
120	GOM_NL__2PRFIN20110722_114219_000000543104_00397_49118_9643.N1	22-JUL-2011 11:42:19	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	49118	No
121	GOM_NL__2PRFIN20110722_114852_000000473104_00397_49118_9644.N1	22-JUL-2011 11:48:52	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	49118	No
122	GOM_NL__2PRFIN20110722_115203_000000483104_00397_49118_9645.N1	22-JUL-2011 11:52:03	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	49118	No
123	GOM_NL__2PRFIN20110722_120915_000000403104_00397_49118_9646.N1	22-JUL-2011 12:09:15	Bright	40.000	11	53Alp Aql	0.76500	8000.0	80	49118	No
124	GOM_NL__2PRFIN20110722_122007_000000403104_00397_49118_9647.N1	22-JUL-2011 12:20:07	Bright	39.500	144	18Del Cyg	2.8600	11000.	79	49118	No
125	GOM_NL__2PRFIN20110722_122152_000000473104_00397_49118_9648.N1	22-JUL-2011 12:21:52	Bright	47.000	19	50Alp Cyg	1.2460	10500.	94	49118	No
126	GOM_NL__2PRFIN20110722_122704_000000443104_00397_49118_9649.N1	22-JUL-2011 12:27:04	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	49118	No
127	GOM_NL__2PRFIN20110722_123549_000000473104_00397_49118_9650.N1	22-JUL-2011 12:35:49	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	49118	No
128	GOM_NL__2PRFIN20110722_124127_000000543104_00397_49118_9651.N1	22-JUL-2011 12:41:27	Bright	54.000	160	23Gam Per	2.9300	4700.0	108	49118	No
129	GOM_NL__2PRFIN20110722_124256_000000463104_00397_49118_9652.N1	22-JUL-2011 12:42:56	Bright	45.500	35	33Alp Per	1.7950	6250.0	91	49118	No
130	GOM_NL__2PRFIN20110722_124559_000000513104_00397_49118_9653.N1	22-JUL-2011 12:45:59	Bright	51.000	79	26Bet Per	2.3100	13100.	102	49118	No
131	GOM_NL__2PRFIN20110722_124913_000000503104_00397_49118_9654.N1	22-JUL-2011 12:49:13	Twi_and_stray	49.500	150	44Zet Per	2.8900	28000.	99	49118	No
132	GOM_NL__2PRFIN20110722_125200_000000513104_00397_49118_9655.N1	22-JUL-2011 12:52:00	Twilight	50.500	146	25Eta Tau	2.8730	15200.	101	49118	No
133	GOM_NL__2PRFIN20110722_125336_000000473104_00397_49118_9656.N1	22-JUL-2011 12:53:36	Dark	46.500	13	87Alp Tau	0.86700	3800.0	93	49118	No
134	GOM_NL__2PRFIN20110722_130334_000000503104_00397_49118_9657.N1	22-JUL-2011 13:03:34	Dark	49.500	165	34Gam Eri	2.9500	3200.0	99	49118	No
135	GOM_NL__2PRFIN20110722_131247_000000443104_00397_49118_9658.N1	22-JUL-2011 13:12:47	Dark	43.500	157	The1Eri	2.9060	9300.0	87	49118	No
136	GOM_NL__2PRFIN20110722_131844_000000453104_00398_49119_9643.N1	22-JUL-2011 13:18:44	Dark	44.500	9	Alp Eri	0.45300	24000.	89	49119	No
137	GOM_NL__2PRFIN20110722_132234_000000543104_00398_49119_9644.N1	22-JUL-2011 13:22:34	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	49119	No
138	GOM_NL__2PRFIN20110722_132906_000000463104_00398_49119_9645.N1	22-JUL-2011 13:29:06	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	49119	No
139	GOM_NL__2PRFIN20110722_133218_000000493104_00398_49119_9646.N1	22-JUL-2011 13:32:18	Straylight	48.500	172	Gam Gru	3.0030	13100.	97	49119	No
140	GOM_NL__2PRFIN20110722_134929_000000423104_00398_49119_9647.N1	22-JUL-2011 13:49:29	Bright	42.000	11	53Alp Aql	0.76500	8000.0	84	49119	No
141	GOM_NL__2PRFIN20110722_140020_000000403104_00398_49119_9648.N1	22-JUL-2011 14:00:20	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	49119	No
142	GOM_NL__2PRFIN20110722_140206_000000463104_00398_49119_9649.N1	22-JUL-2011 14:02:06	Bright	45.500	19	50Alp Cyg	1.2460	10500.	91	49119	No
143	GOM_NL__2PRFIN20110722_140718_000000433104_00398_49119_9650.N1	22-JUL-2011 14:07:18	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	49119	No
144	GOM_NL__2PRFIN20110722_141602_000000483104_00398_49119_9651.N1	22-JUL-2011 14:16:02	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	49119	No
145	GOM_NL__2PRFIN20110722_142141_000000493104_00398_49119_9652.N1	22-JUL-2011 14:21:41	Bright	48.500	160	23Gam Per	2.9300	4700.0	97	49119	No
146	GOM_NL__2PRFIN20110722_142310_000000453104_00398_49119_9653.N1	22-JUL-2011 14:23:10	Bright	44.500	35	33Alp Per	1.7950	6250.0	89	49119	No
147	GOM_NL__2PRFIN20110722_142613_000000523104_00398_49119_9654.N1	22-JUL-2011 14:26:13	Bright	51.500	79	26Bet Per	2.3100	13100.	103	49119	No
148	GOM_NL__2PRFIN20110722_142927_000000483104_00398_49119_9655.N1	22-JUL-2011 14:29:27	Twi_and_stray	47.500	150	44Zet Per	2.8900	28000.	95	49119	No
149	GOM_NL__2PRFIN20110722_143214_000000513104_00398_49119_9656.N1	22-JUL-2011 14:32:14	Twilight	50.500	146	25Eta Tau	2.8730	15200.	101	49119	No
150	GOM_NL__2PRFIN20110722_143350_000000493104_00398_49119_9657.N1	22-JUL-2011 14:33:50	Dark	49.000	13	87Alp Tau	0.86700	3800.0	98	49119	No
151	GOM_NL__2PRFIN20110722_144348_000000513104_00398_49119_9658.N1	22-JUL-2011 14:43:48	Dark	50.500	165	34Gam Eri	2.9500	3200.0	101	49119	No
152	GOM_NL__2PRFIN20110722_145302_000000443104_00398_49119_9659.N1	22-JUL-2011 14:53:02	Dark	44.000	157	The1Eri	2.9060	9300.0	88	49119	No
153	GOM_NL__2PRFIN20110722_145858_000000433104_00399_49120_9702.N1	22-JUL-2011 14:58:58	Dark	42.500	9	Alp Eri	0.45300	24000.	85	49120	No
154	GOM_NL__2PRFIN20110722_150249_000000553104_00399_49120_9703.N1	22-JUL-2011 15:02:49	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	49120	No
155	GOM_NL__2PRFIN20110722_150921_000000443104_00399_49120_9704.N1	22-JUL-2011 15:09:21	Straylight	44.000	31	Alp Gru	1.7340	15200.	88	49120	No
156	GOM_NL__2PRFIN20110722_151232_000000483104_00399_49120_9705.N1	22-JUL-2011 15:12:32	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	49120	No
157	GOM_NL__2PRFIN20110722_152942_000000413104_00399_49120_9706.N1	22-JUL-2011 15:29:42	Bright	41.000	11	53Alp Aql	0.76500	8000.0	82	49120	No
158	GOM_NL__2PRFIN20110722_153924_000000303104_00399_49120_9707.N1	22-JUL-2011 15:39:24	Twi_and_stray	30.000	92	53Eps Cyg	2.5000	4500.0	60	49120	No
159	GOM_NL__2PRFIN20110722_154034_000000403104_00399_49120_9708.N1	22-JUL-2011 15:40:34	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	49120	No
160	GOM_NL__2PRFIN20110722_154219_000000473104_00399_49120_9709.N1	22-JUL-2011 15:42:19	Bright	46.500	19	50Alp Cyg	1.2460	10500.	93	49120	No

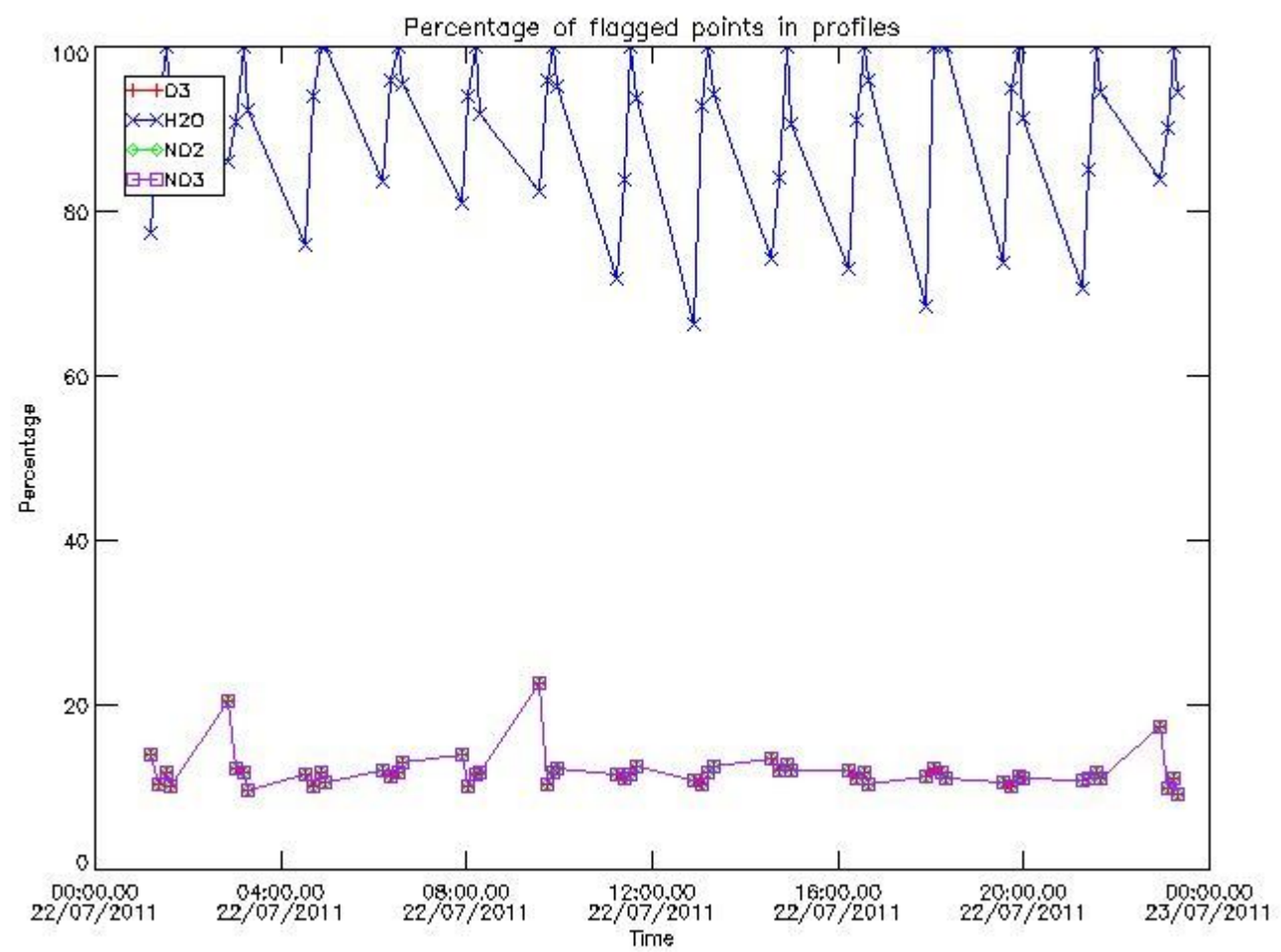
161	GOM_NL__2PRFIN20110722_154731_000000433104_00399_49120_9710.N1	22-JUL-2011 15:47:31	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	49120	No
162	GOM_NL__2PRFIN20110722_155615_000000493104_00399_49120_9711.N1	22-JUL-2011 15:56:15	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	49120	No
163	GOM_NL__2PRFIN20110722_160155_000000653104_00399_49120_9712.N1	22-JUL-2011 16:01:55	Bright	65.000	160	23Gam Per	2.9300	4700.0	130	49120	No
164	GOM_NL__2PRFIN20110722_160324_000000643104_00399_49120_9713.N1	22-JUL-2011 16:03:24	Bright	64.000	35	33Alp Per	1.7950	6250.0	128	49120	No
165	GOM_NL__2PRFIN20110722_160627_000000523104_00399_49120_9714.N1	22-JUL-2011 16:06:27	Bright	51.500	79	26Bet Per	2.3100	13100.	103	49120	No
166	GOM_NL__2PRFIN20110722_160941_000000473104_00399_49120_9715.N1	22-JUL-2011 16:09:41	Twilight	46.500	150	44Zet Per	2.8900	28000.	93	49120	No
167	GOM_NL__2PRFIN20110722_161229_000000493104_00399_49120_9716.N1	22-JUL-2011 16:12:29	Twilight	48.500	146	25Eta Tau	2.8730	15200.	97	49120	No
168	GOM_NL__2PRFIN20110722_161405_000000513104_00399_49120_9717.N1	22-JUL-2011 16:14:05	Dark	50.500	13	87Alp Tau	0.86700	3800.0	101	49120	No
169	GOM_NL__2PRFIN20110722_162403_000000513104_00399_49120_9718.N1	22-JUL-2011 16:24:03	Dark	51.000	165	34Gam Eri	2.9500	3200.0	102	49120	No
170	GOM_NL__2PRFIN20110722_163317_000000433104_00399_49120_9719.N1	22-JUL-2011 16:33:17	Dark	43.000	157	The1Eri	2.9060	9300.0	86	49120	No
171	GOM_NL__2PRFIN20110722_163913_000000503104_00400_49121_9823.N1	22-JUL-2011 16:39:13	Dark	49.500	9	Alp Eri	0.45300	24000.	99	49121	No
172	GOM_NL__2PRFIN20110722_164304_000000533104_00400_49121_9824.N1	22-JUL-2011 16:43:04	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	49121	No
173	GOM_NL__2PRFIN20110722_164935_000000463104_00400_49121_9825.N1	22-JUL-2011 16:49:35	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	49121	No
174	GOM_NL__2PRFIN20110722_165247_000000483104_00400_49121_9826.N1	22-JUL-2011 16:52:47	Straylight	48.000	172	Gam Gru	3.0030	13100.	96	49121	No
175	GOM_NL__2PRFIN20110722_170956_000000443104_00400_49121_9827.N1	22-JUL-2011 17:09:56	Bright	43.500	11	53Alp Aql	0.76500	8000.0	87	49121	No
176	GOM_NL__2PRFIN20110722_171937_000000303104_00400_49121_9828.N1	22-JUL-2011 17:19:37	Twilight	30.000	92	53Eps Cyg	2.5000	4500.0	60	49121	No
177	GOM_NL__2PRFIN20110722_172048_000000413104_00400_49121_9829.N1	22-JUL-2011 17:20:48	Bright	40.500	144	18Del Cyg	2.8600	11000.	81	49121	No
178	GOM_NL__2PRFIN20110722_172232_000000483104_00400_49121_9830.N1	22-JUL-2011 17:22:32	Bright	47.500	19	50Alp Cyg	1.2460	10500.	95	49121	No
179	GOM_NL__2PRFIN20110722_172745_000000433104_00400_49121_9831.N1	22-JUL-2011 17:27:45	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	49121	No
180	GOM_NL__2PRFIN20110722_173629_000000473104_00400_49121_9832.N1	22-JUL-2011 17:36:29	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	49121	No
181	GOM_NL__2PRFIN20110722_174209_000000653104_00400_49121_9833.N1	22-JUL-2011 17:42:09	Bright	65.000	160	23Gam Per	2.9300	4700.0	130	49121	No
182	GOM_NL__2PRFIN20110722_174338_000000603104_00400_49121_9834.N1	22-JUL-2011 17:43:38	Bright	59.500	35	33Alp Per	1.7950	6250.0	119	49121	No
183	GOM_NL__2PRFIN20110722_174641_000000513104_00400_49121_9835.N1	22-JUL-2011 17:46:41	Bright	51.000	79	26Bet Per	2.3100	13100.	102	49121	No
184	GOM_NL__2PRFIN20110722_174955_000000483104_00400_49121_9836.N1	22-JUL-2011 17:49:55	Twilight	47.500	150	44Zet Per	2.8900	28000.	95	49121	No
185	GOM_NL__2PRFIN20110722_175243_000000513104_00400_49121_9837.N1	22-JUL-2011 17:52:43	Twilight	50.500	146	25Eta Tau	2.8730	15200.	101	49121	No
186	GOM_NL__2PRFIN20110722_175419_000000503104_00400_49121_9838.N1	22-JUL-2011 17:54:19	Dark	49.500	13	87Alp Tau	0.86700	3800.0	99	49121	No
187	GOM_NL__2PRFIN20110722_180418_000000503104_00400_49121_9839.N1	22-JUL-2011 18:04:18	Dark	49.500	165	34Gam Eri	2.9500	3200.0	99	49121	No
188	GOM_NL__2PRFIN20110722_181332_000000433104_00400_49121_9840.N1	22-JUL-2011 18:13:32	Dark	43.000	157	The1Eri	2.9060	9300.0	86	49121	No
189	GOM_NL__2PRFIN20110722_181928_000000463104_00401_49122_9849.N1	22-JUL-2011 18:19:28	Dark	46.000	9	Alp Eri	0.45300	24000.	92	49122	No
190	GOM_NL__2PRFIN20110722_182319_000000563104_00401_49122_9850.N1	22-JUL-2011 18:23:19	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	49122	No
191	GOM_NL__2PRFIN20110722_182950_000000453104_00401_49122_9851.N1	22-JUL-2011 18:29:50	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	49122	No
192	GOM_NL__2PRFIN20110722_183302_000000473104_00401_49122_9852.N1	22-JUL-2011 18:33:02	Straylight	47.000	172	Gam Gru	3.0030	13100.	94	49122	No
193	GOM_NL__2PRFIN20110722_185010_000000423104_00401_49122_9853.N1	22-JUL-2011 18:50:10	Bright	41.500	11	53Alp Aql	0.76500	8000.0	83	49122	No
194	GOM_NL__2PRFIN20110722_185950_000000363104_00401_49122_9854.N1	22-JUL-2011 18:59:50	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	49122	No
195	GOM_NL__2PRFIN20110722_190101_000000413104_00401_49122_9855.N1	22-JUL-2011 19:01:01	Bright	40.500	144	18Del Cyg	2.8600	11000.	81	49122	No
196	GOM_NL__2PRFIN20110722_190246_000000463104_00401_49122_9856.N1	22-JUL-2011 19:02:46	Bright	46.000	19	50Alp Cyg	1.2460	10500.	92	49122	No
197	GOM_NL__2PRFIN20110722_190758_000000433104_00401_49122_9857.N1	22-JUL-2011 19:07:58	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	49122	No
198	GOM_NL__2PRFIN20110722_191642_000000493104_00401_49122_9858.N1	22-JUL-2011 19:16:42	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	49122	No
199	GOM_NL__2PRFIN20110722_192222_000000653104_00401_49122_9859.N1	22-JUL-2011 19:22:22	Bright	65.000	160	23Gam Per	2.9300	4700.0	130	49122	No
200	GOM_NL__2PRFIN20110722_192351_000000463104_00401_49122_9860.N1	22-JUL-2011 19:23:51	Bright	45.500	35	33Alp Per	1.7950	6250.0	91	49122	No
201	GOM_NL__2PRFIN20110722_192524_000000403104_00401_49122_9861.N1	22-JUL-2011 19:25:24	Bright	40.000	6	13Alp Aur	0.080000	3400.0	80	49122	No
202	GOM_NL__2PRFIN20110722_192655_000000483104_00401_49122_9862.N1	22-JUL-2011 19:26:55	Bright	47.500	79	26Bet Per	2.3100	13100.	95	49122	No
203	GOM_NL__2PRFIN20110722_193010_000000493104_00401_49122_9863.N1	22-JUL-2011 19:30:10	Twilight	49.000	150	44Zet Per	2.8900	28000.	98	49122	No
204	GOM_NL__2PRFIN20110722_193257_000000483104_00401_49122_9864.N1	22-JUL-2011 19:32:57	Twilight	48.000	146	25Eta Tau	2.8730	15200.	96	49122	No
205	GOM_NL__2PRFIN20110722_193433_000000483104_00401_49122_9865.N1	22-JUL-2011 19:34:33	Dark	48.000	13	87Alp Tau	0.86700	3800.0	96	49122	No
206	GOM_NL__2PRFIN20110722_194432_000000503104_00401_49122_9866.N1	22-JUL-2011 19:44:32	Dark	50.000	165	34Gam Eri	2.9500	3200.0	100	49122	No
207	GOM_NL__2PRFIN20110722_195346_000000453104_00401_49122_9867.N1	22-JUL-2011 19:53:46	Dark	45.000	157	The1Eri	2.9060	9300.0	90	49122	No
208	GOM_NL__2PRFIN20110722_195942_000000463104_00402_49123_9862.N1	22-JUL-2011 19:59:42	Dark	46.000	9	Alp Eri	0.45300	24000.	92	49123	No
209	GOM_NL__2PRFIN20110722_200334_000000543104_00402_49123_9863.N1	22-JUL-2011 20:03:34	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	49123	No
210	GOM_NL__2PRFIN20110722_201005_000000463104_00402_49123_9864.N1	22-JUL-2011 20:10:05	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	49123	No
211	GOM_NL__2PRFIN20110722_201316_000000503104_00402_49123_9865.N1	22-JUL-2011 20:13:16	Straylight	50.000	172	Gam Gru	3.0030	13100.	100	49123	No
212	GOM_NL__2PRFIN20110722_203024_000000413104_00402_49123_9866.N1	22-JUL-2011 20:30:24	Bright	41.000	11	53Alp Aql	0.76500	8000.0	82	49123	No
213	GOM_NL__2PRFIN20110722_204003_000000363104_00402_49123_9867.N1	22-JUL-2011 20:40:03	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	49123	No
214	GOM_NL__2PRFIN20110722_204115_000000413104_00402_49123_9868.N1	22-JUL-2011 20:41:15	Bright	40.500	144	18Del Cyg	2.8600	11000.	81	49123	No
215	GOM_NL__2PRFIN20110722_204259_000000473104_00402_49123_9869.N1	22-JUL-2011 20:42:59	Bright	47.000	19	50Alp Cyg	1.2460	10500.	94	49123	No
216	GOM_NL__2PRFIN20110722_204812_000000403104_00402_49123_9870.N1	22-JUL-2011 20:48:12	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	49123	No
217	GOM_NL__2PRFIN20110722_205656_000000463104_00402_49123_9871.N1	22-JUL-2011 20:56:56	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	49123	No
218	GOM_NL__2PRFIN20110722_210236_000000543104_00402_49123_9872.N1	22-JUL-2011 21:02:36	Bright	53.500	160	23Gam Per	2.9300	4700.0	107	49123	No
219	GOM_NL__2PRFIN20110722_210405_000000643104_00402_49123_9873.N1	22-JUL-2011 21:04:05	Bright	64.000	35	33Alp Per	1.7950	6250.0	128	49123	No

220	GOM_NL__2PRFIN20110722_210538_000000543104_00402_49123_9874.N1	22-JUL-2011 21:05:38	Bright	54.000	6	13Alp Aur	0.080000	3400.0	108	49123	No
221	GOM_NL__2PRFIN20110722_210709_000000553104_00402_49123_9875.N1	22-JUL-2011 21:07:09	Bright	54.500	79	26Bet Per	2.3100	13100.	109	49123	No
222	GOM_NL__2PRFIN20110722_211024_000000503104_00402_49123_9876.N1	22-JUL-2011 21:10:24	Twilight	49.500	150	44Zet Per	2.8900	28000.	99	49123	No
223	GOM_NL__2PRFIN20110722_211312_000000473104_00402_49123_9877.N1	22-JUL-2011 21:13:12	Twilight	46.500	146	25Eta Tau	2.8730	15200.	93	49123	No
224	GOM_NL__2PRFIN20110722_211448_000000463104_00402_49123_9878.N1	22-JUL-2011 21:14:48	Dark	46.000	13	87Alp Tau	0.86700	3800.0	92	49123	No
225	GOM_NL__2PRFIN20110722_212447_000000513104_00402_49123_9879.N1	22-JUL-2011 21:24:47	Dark	50.500	165	34Gam Eri	2.9500	3200.0	101	49123	No
226	GOM_NL__2PRFIN20110722_213401_000000443104_00402_49123_9880.N1	22-JUL-2011 21:34:01	Dark	43.500	157	The1Eri	2.9060	9300.0	87	49123	No
227	GOM_NL__2PRFIN20110722_213957_000000463104_00403_49124_9890.N1	22-JUL-2011 21:39:57	Dark	46.000	9	Alp Eri	0.45300	24000.	92	49124	No
228	GOM_NL__2PRFIN20110722_214349_000000543104_00403_49124_9891.N1	22-JUL-2011 21:43:49	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	49124	No
229	GOM_NL__2PRFIN20110722_215019_000000453104_00403_49124_9892.N1	22-JUL-2011 21:50:19	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	49124	No
230	GOM_NL__2PRFIN20110722_215331_000000483104_00403_49124_9893.N1	22-JUL-2011 21:53:31	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	49124	No
231	GOM_NL__2PRFIN20110722_221038_000000423104_00403_49124_9894.N1	22-JUL-2011 22:10:38	Bright	41.500	11	53Alp Aql	0.76500	8000.0	83	49124	No
232	GOM_NL__2PRFIN20110722_222017_000000433104_00403_49124_9895.N1	22-JUL-2011 22:20:17	Bright	43.000	92	53Eps Cyg	2.5000	4500.0	86	49124	No
233	GOM_NL__2PRFIN20110722_222129_000000383104_00403_49124_9896.N1	22-JUL-2011 22:21:29	Bright	38.000	144	18Del Cyg	2.8600	11000.	76	49124	No
234	GOM_NL__2PRFIN20110722_222312_000000483104_00403_49124_9897.N1	22-JUL-2011 22:23:12	Bright	48.000	19	50Alp Cyg	1.2460	10500.	96	49124	No
235	GOM_NL__2PRFIN20110722_222825_000000433104_00403_49124_9898.N1	22-JUL-2011 22:28:25	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	49124	No
236	GOM_NL__2PRFIN20110722_223709_000000493104_00403_49124_9899.N1	22-JUL-2011 22:37:09	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	49124	No
237	GOM_NL__2PRFIN20110722_224250_000000653104_00403_49124_9900.N1	22-JUL-2011 22:42:50	Bright	65.000	160	23Gam Per	2.9300	4700.0	130	49124	No
238	GOM_NL__2PRFIN20110722_224419_000000643104_00403_49124_9901.N1	22-JUL-2011 22:44:19	Bright	64.000	35	33Alp Per	1.7950	6250.0	128	49124	No
239	GOM_NL__2PRFIN20110722_224552_000000383104_00403_49124_9902.N1	22-JUL-2011 22:45:52	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	49124	No
240	GOM_NL__2PRFIN20110722_224723_000000553104_00403_49124_9903.N1	22-JUL-2011 22:47:23	Bright	55.000	79	26Bet Per	2.3100	13100.	110	49124	No
241	GOM_NL__2PRFIN20110722_225038_000000493104_00403_49124_9904.N1	22-JUL-2011 22:50:38	Twilight	49.000	150	44Zet Per	2.8900	28000.	98	49124	No
242	GOM_NL__2PRFIN20110722_225326_000000503104_00403_49124_9905.N1	22-JUL-2011 22:53:26	Twilight	49.500	146	25Eta Tau	2.8730	15200.	99	49124	No
243	GOM_NL__2PRFIN20110722_225502_000000473104_00403_49124_9906.N1	22-JUL-2011 22:55:02	Dark	47.000	13	87Alp Tau	0.86700	3800.0	94	49124	No
244	GOM_NL__2PRFIN20110722_230502_000000513104_00403_49124_9907.N1	22-JUL-2011 23:05:02	Dark	51.000	165	34Gam Eri	2.9500	3200.0	102	49124	No
245	GOM_NL__2PRFIN20110722_231416_000000463104_00403_49124_9908.N1	22-JUL-2011 23:14:16	Dark	46.000	157	The1Eri	2.9060	9300.0	92	49124	No
246	GOM_NL__2PRFIN20110722_232011_000000563104_00404_49125_9925.N1	22-JUL-2011 23:20:11	Dark	55.500	9	Alp Eri	0.45300	24000.	111	49125	No
247	GOM_NL__2PRFIN20110722_232404_000000583104_00404_49125_9926.N1	22-JUL-2011 23:24:04	Straylight	57.500	84	Alp Phe	2.3970	4500.0	115	49125	No
248	GOM_NL__2PRFIN20110722_233034_000000493104_00404_49125_9927.N1	22-JUL-2011 23:30:34	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	49125	No
249	GOM_NL__2PRFIN20110722_233345_000000493104_00404_49125_9928.N1	22-JUL-2011 23:33:45	Straylight	48.500	172	Gam Gru	3.0030	13100.	97	49125	No
250	GOM_NL__2PRFIN20110722_235051_000000423104_00404_49125_9929.N1	22-JUL-2011 23:50:51	Bright	41.500	11	53Alp Aql	0.76500	8000.0	83	49125	No

3. Quality information per product

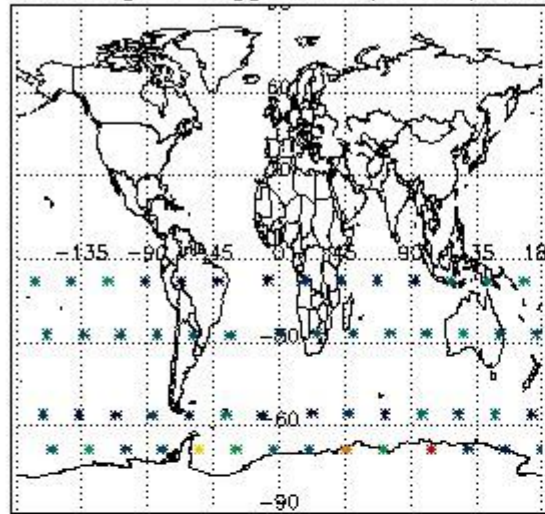
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

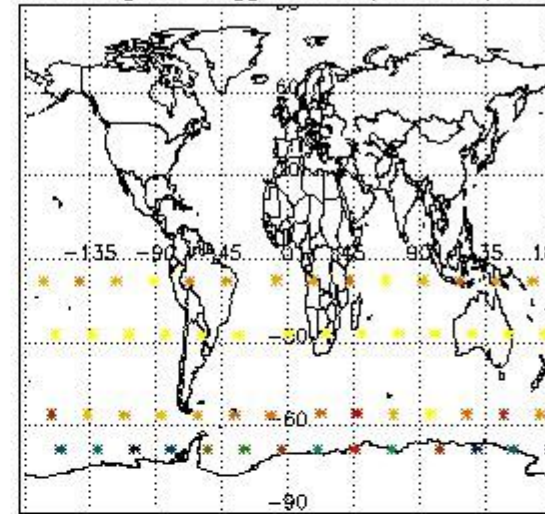


3.2 Plot quality information per product (world map)

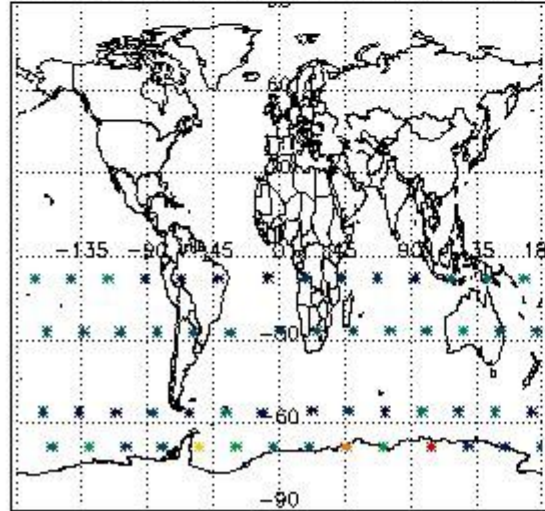
Percentage of flagged data per O3 profile



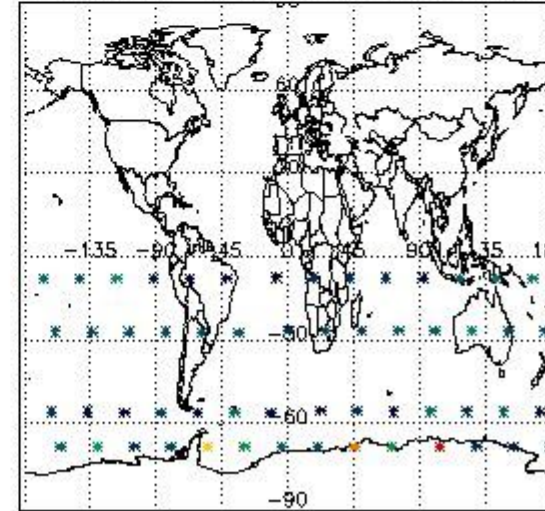
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

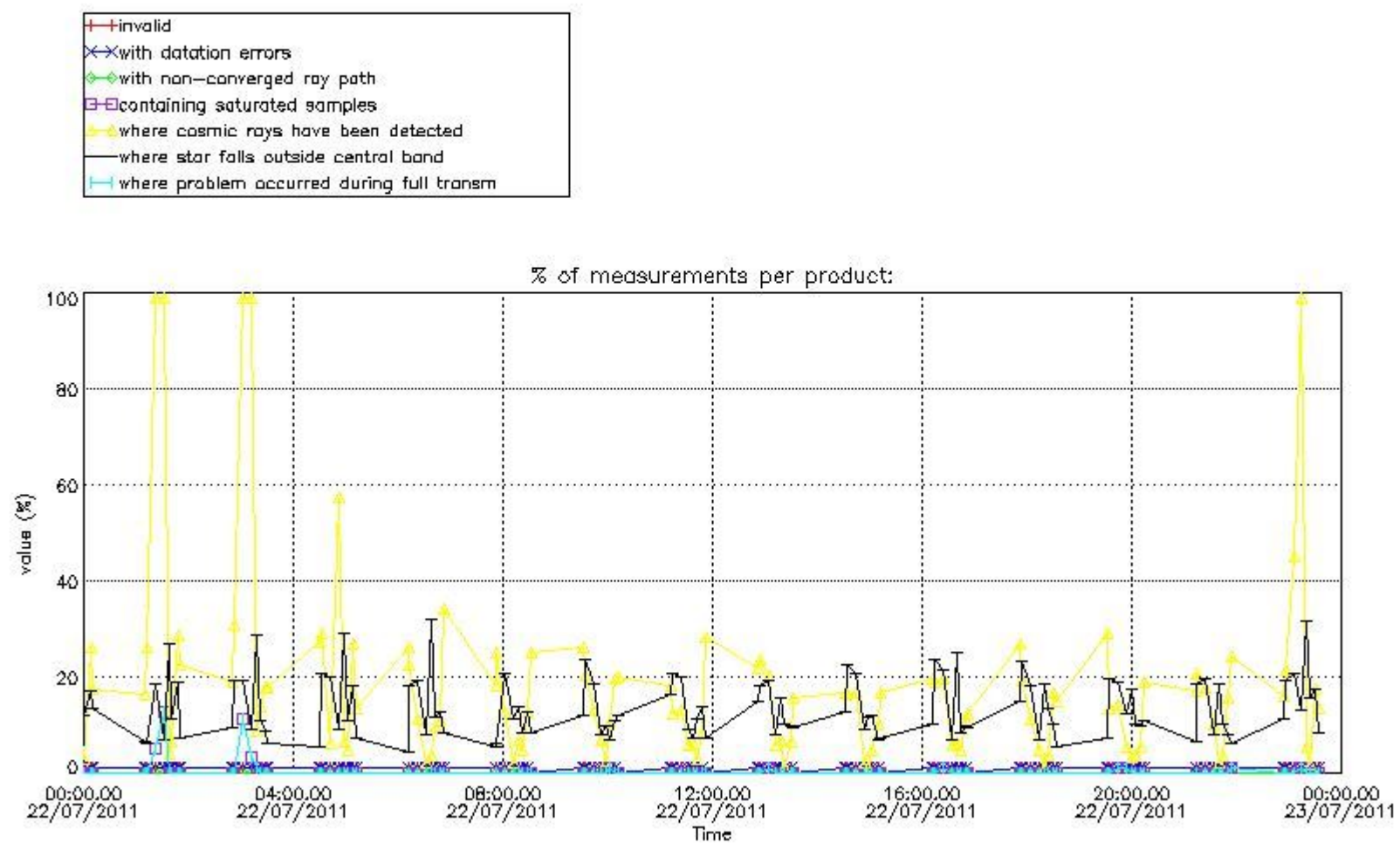


4. Level 1 quality information per product

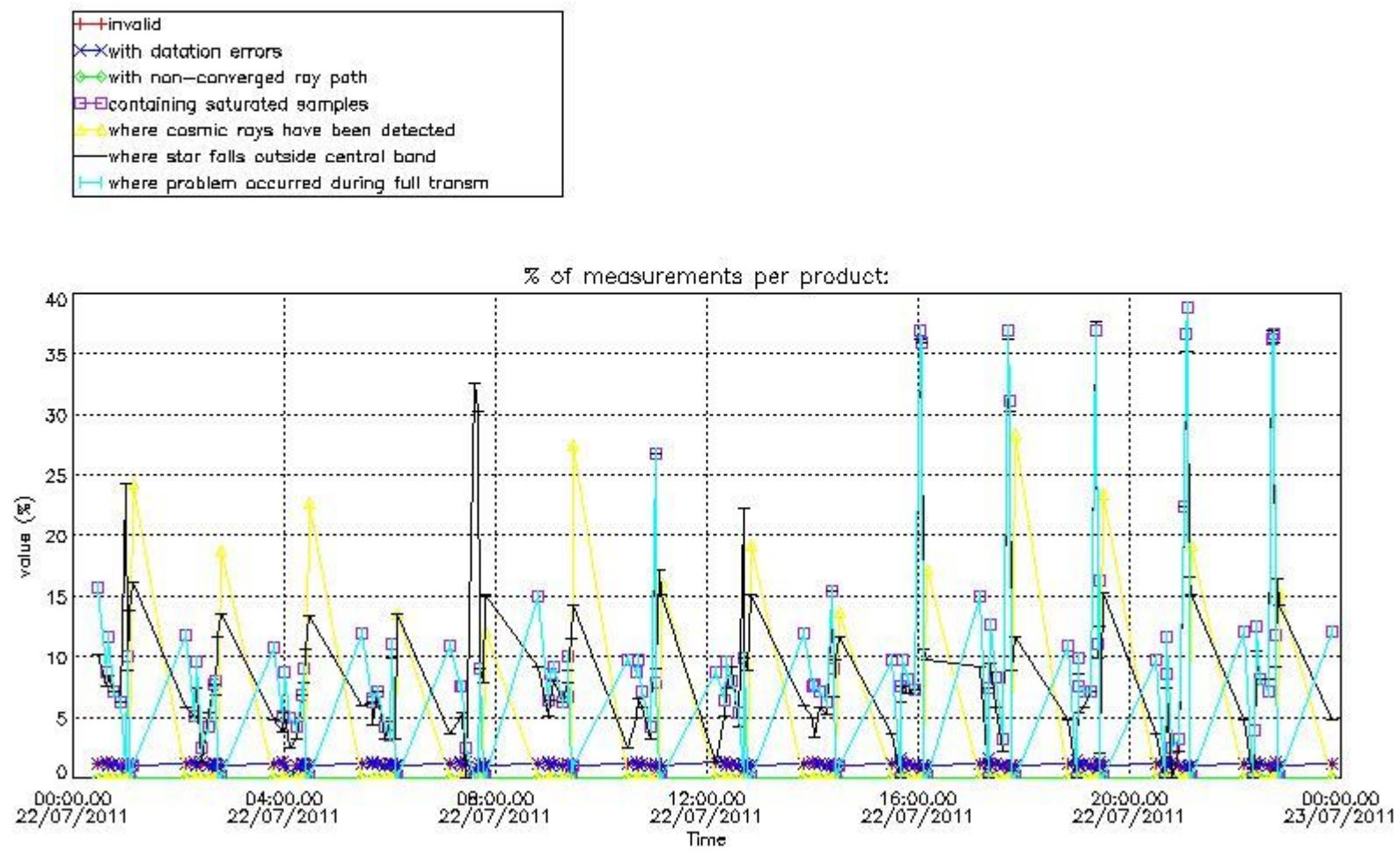
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



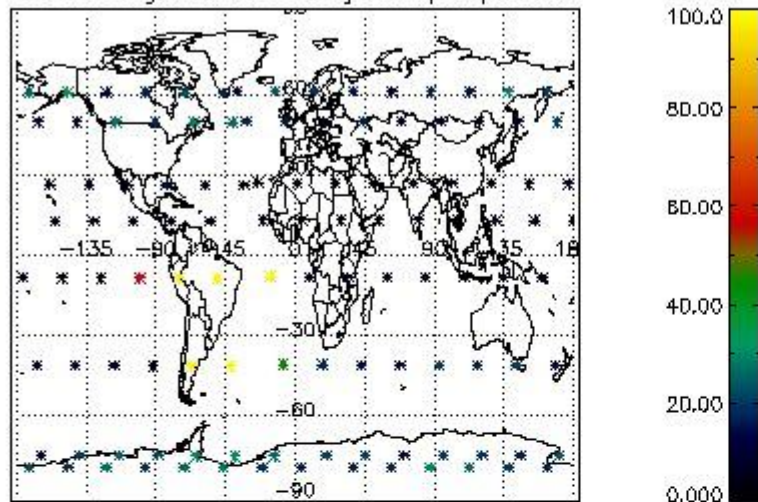
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



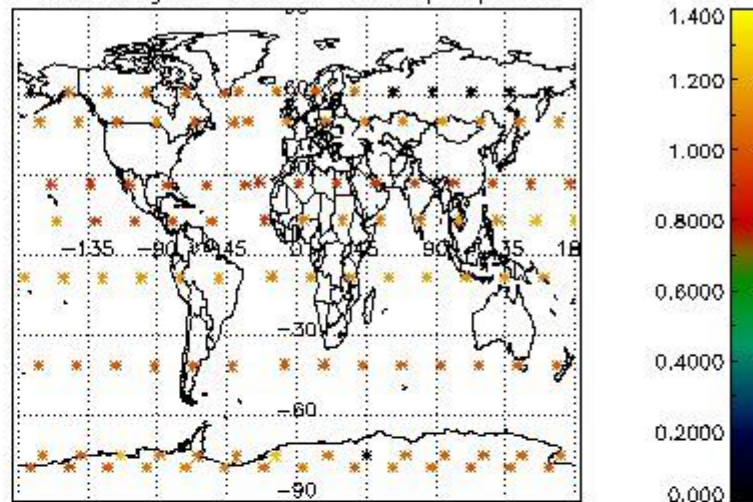
4.2 Plot quality information per product coming from level 1b processing (world map)

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

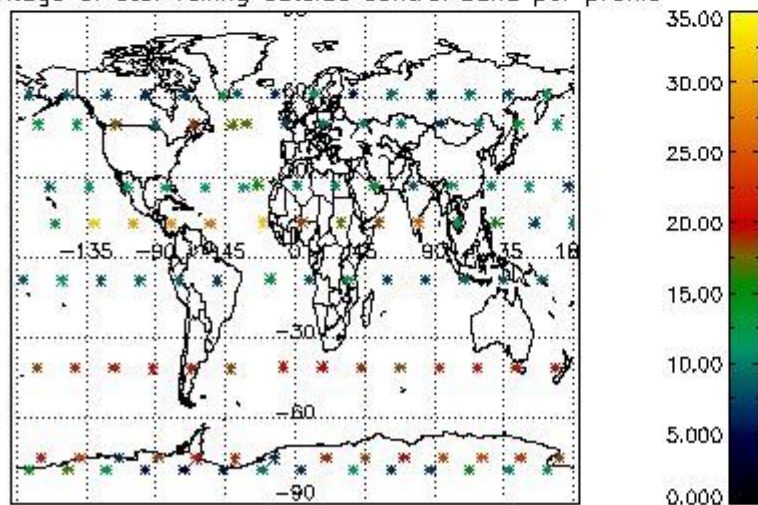
Percentage of cosmic ray hits per profile



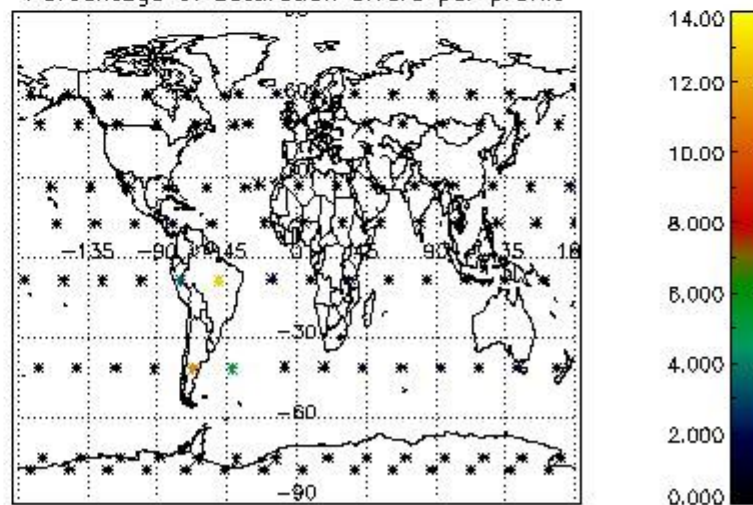
Percentage of datation errors per profile



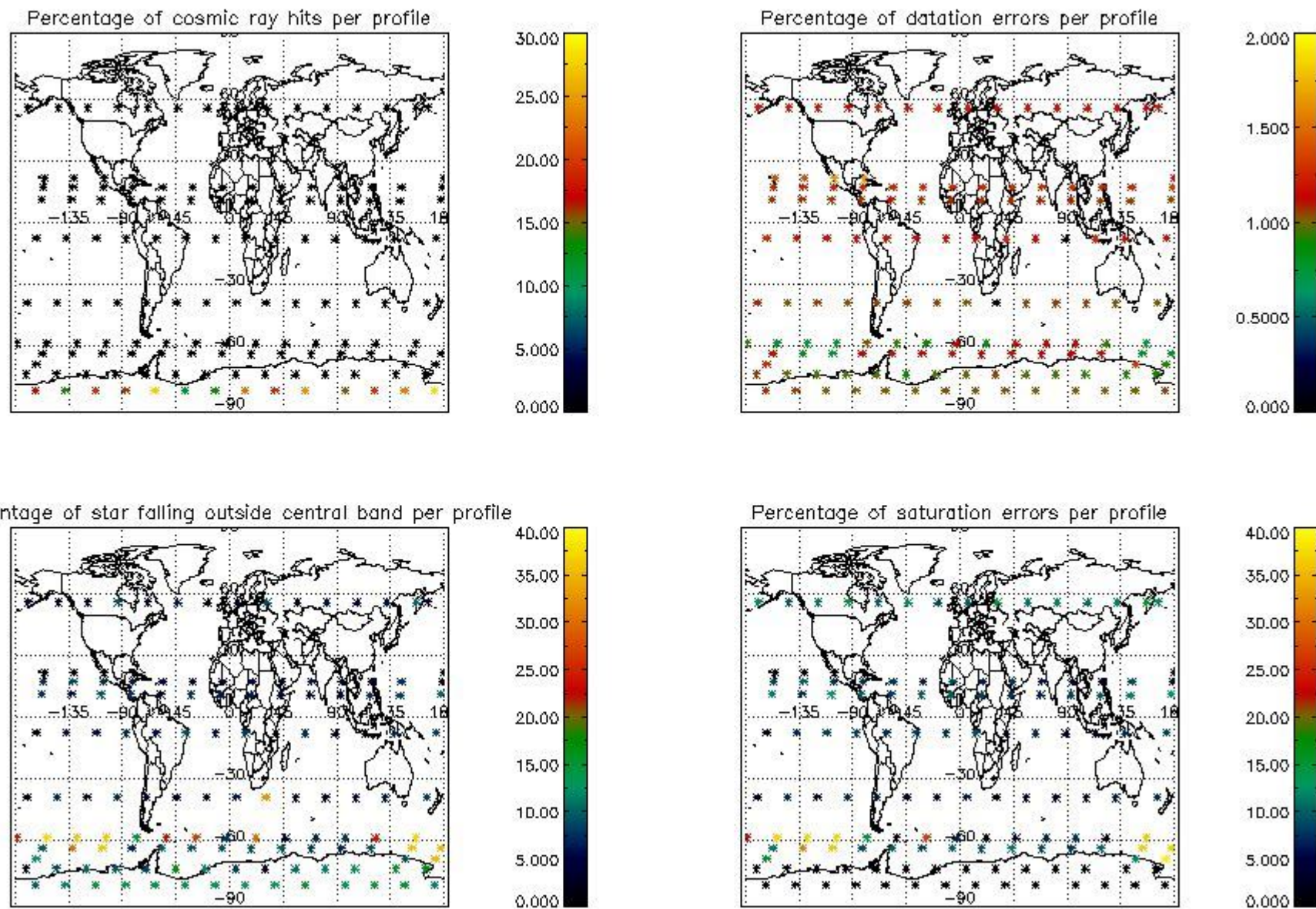
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/o3_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM_NL__2P/NL_SUMMARY_QUALITY/obs_ill_cond=0
- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

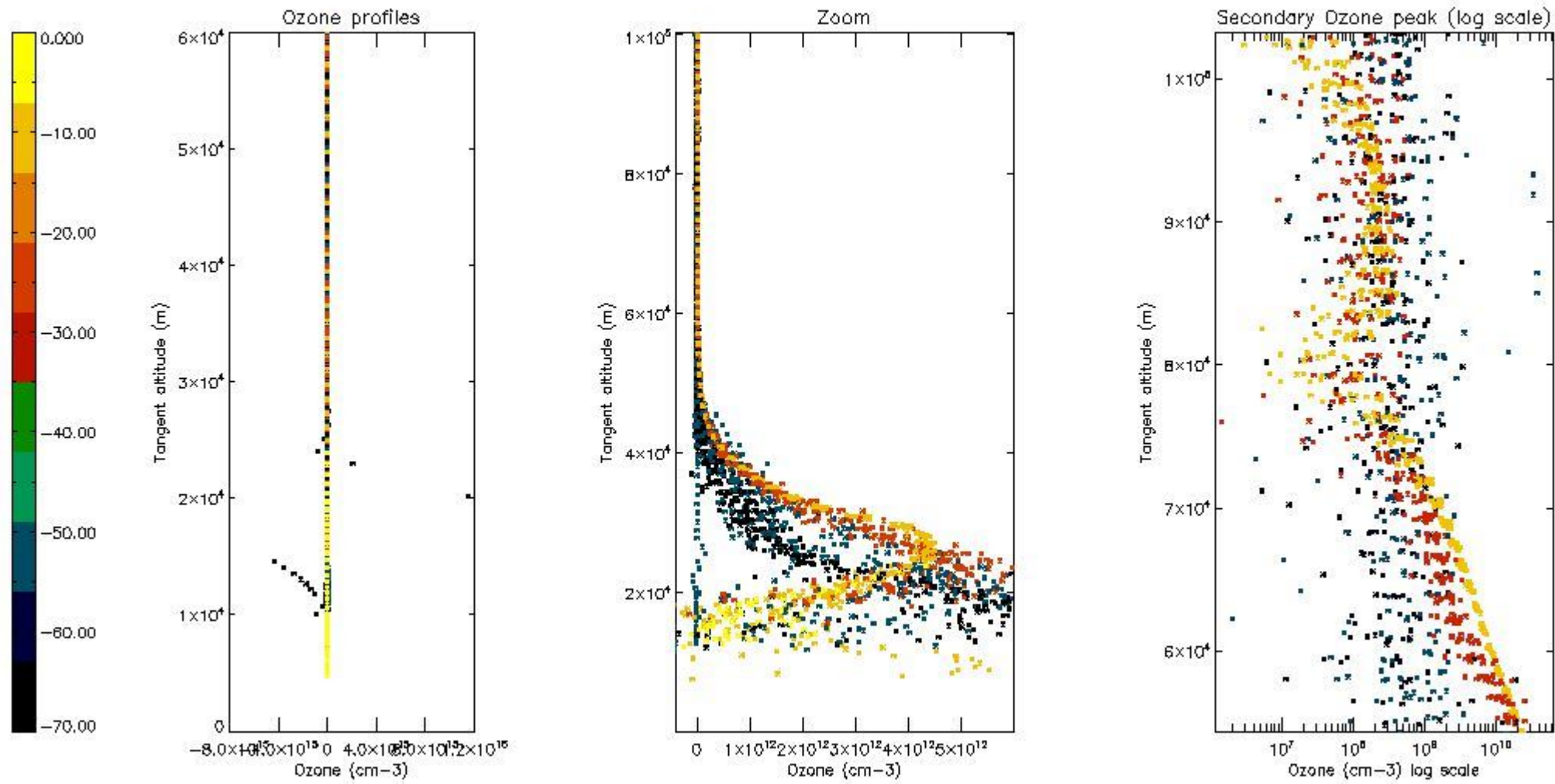
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	22
STD < 20	8

STD < 10	5
STD < 5	3

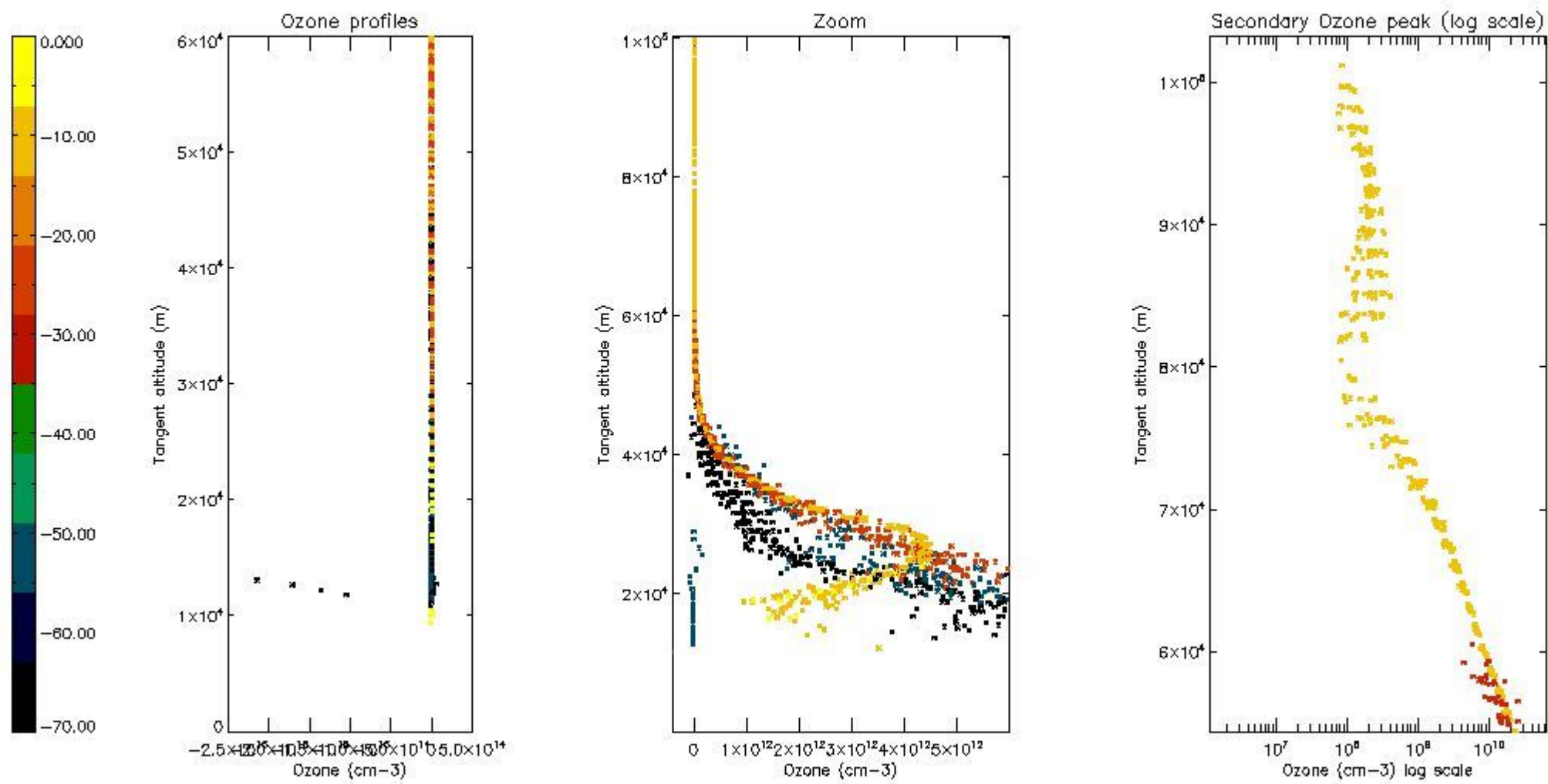
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



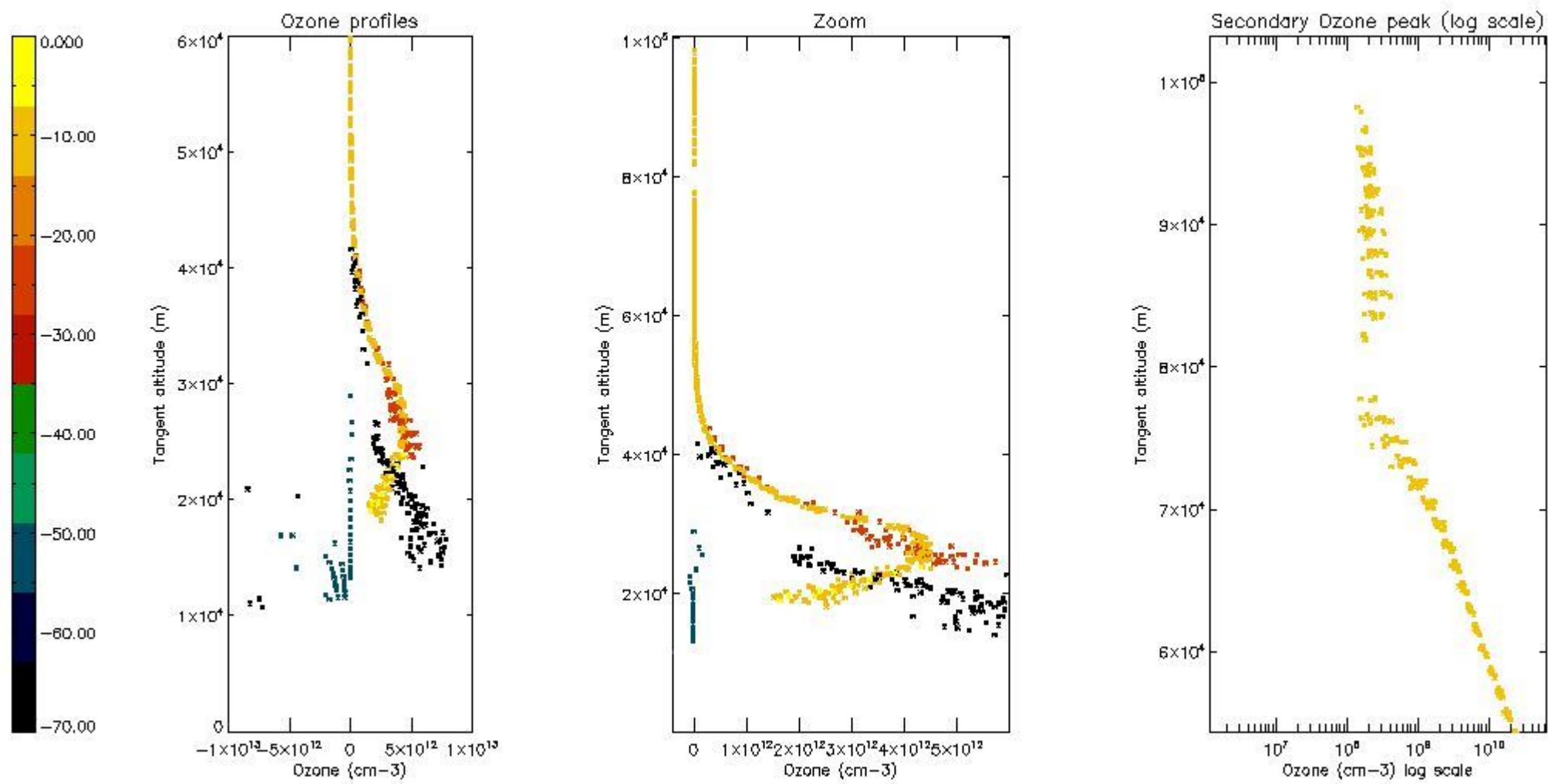
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



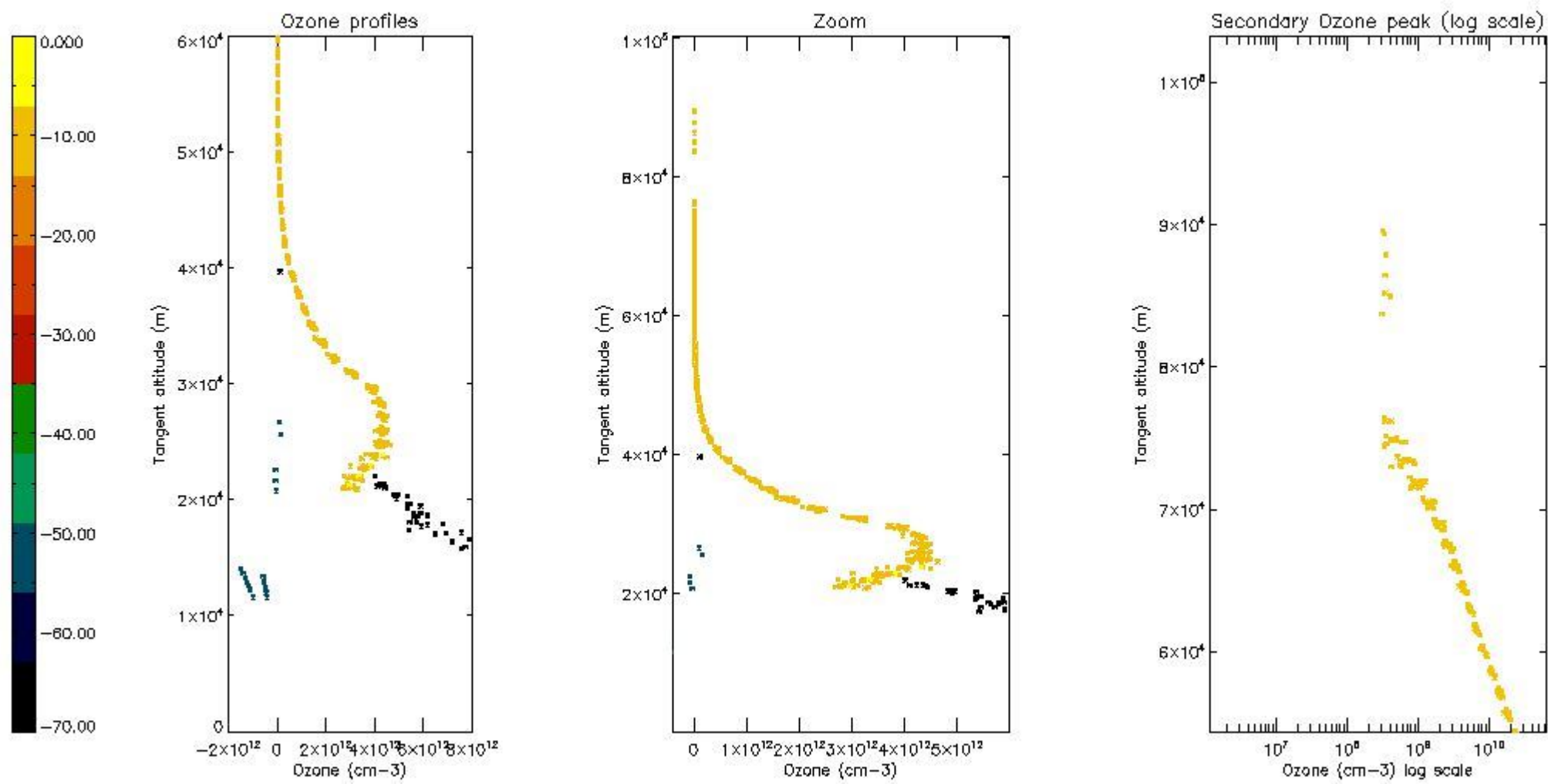
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



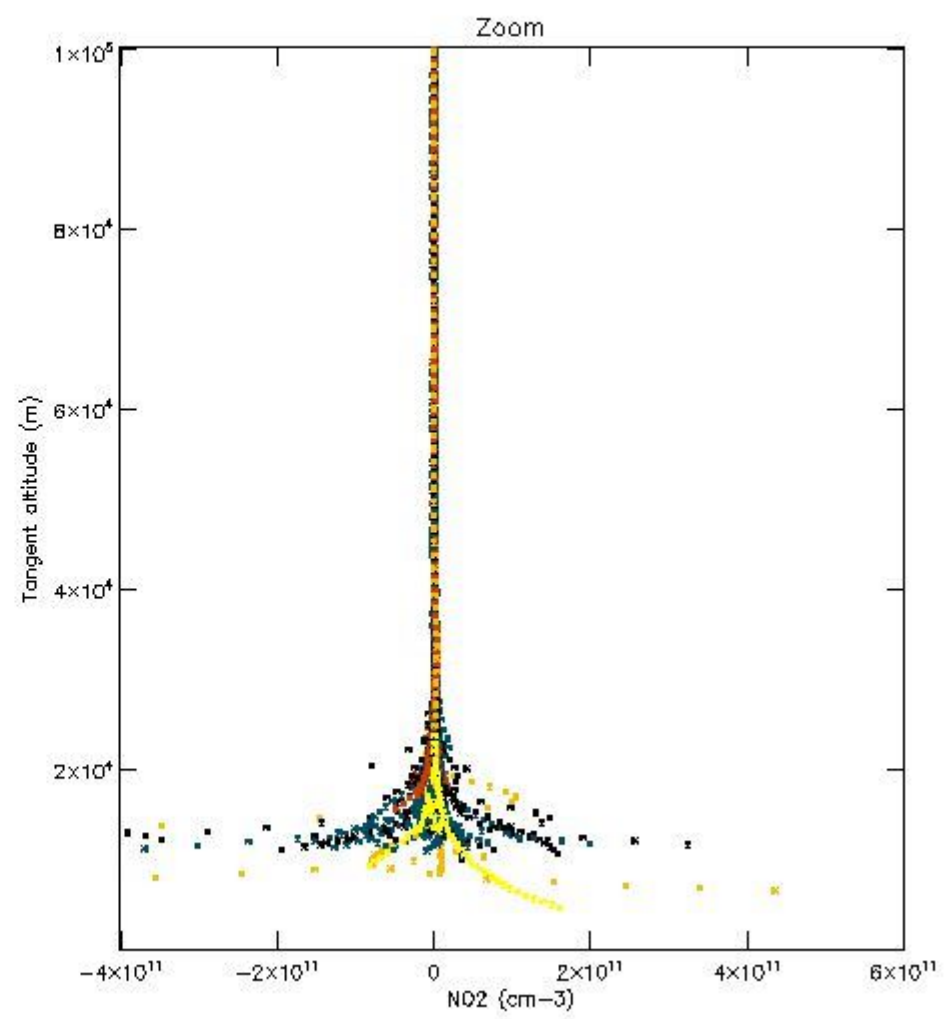
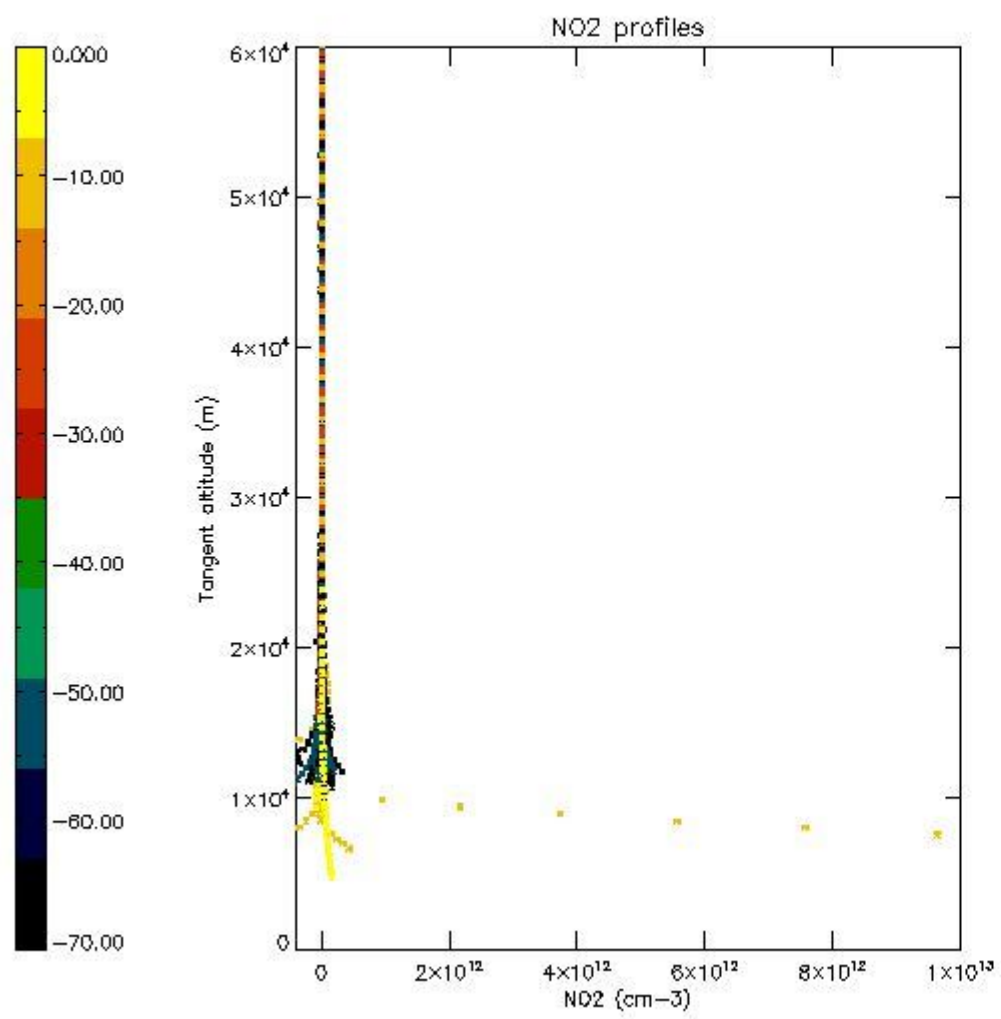
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



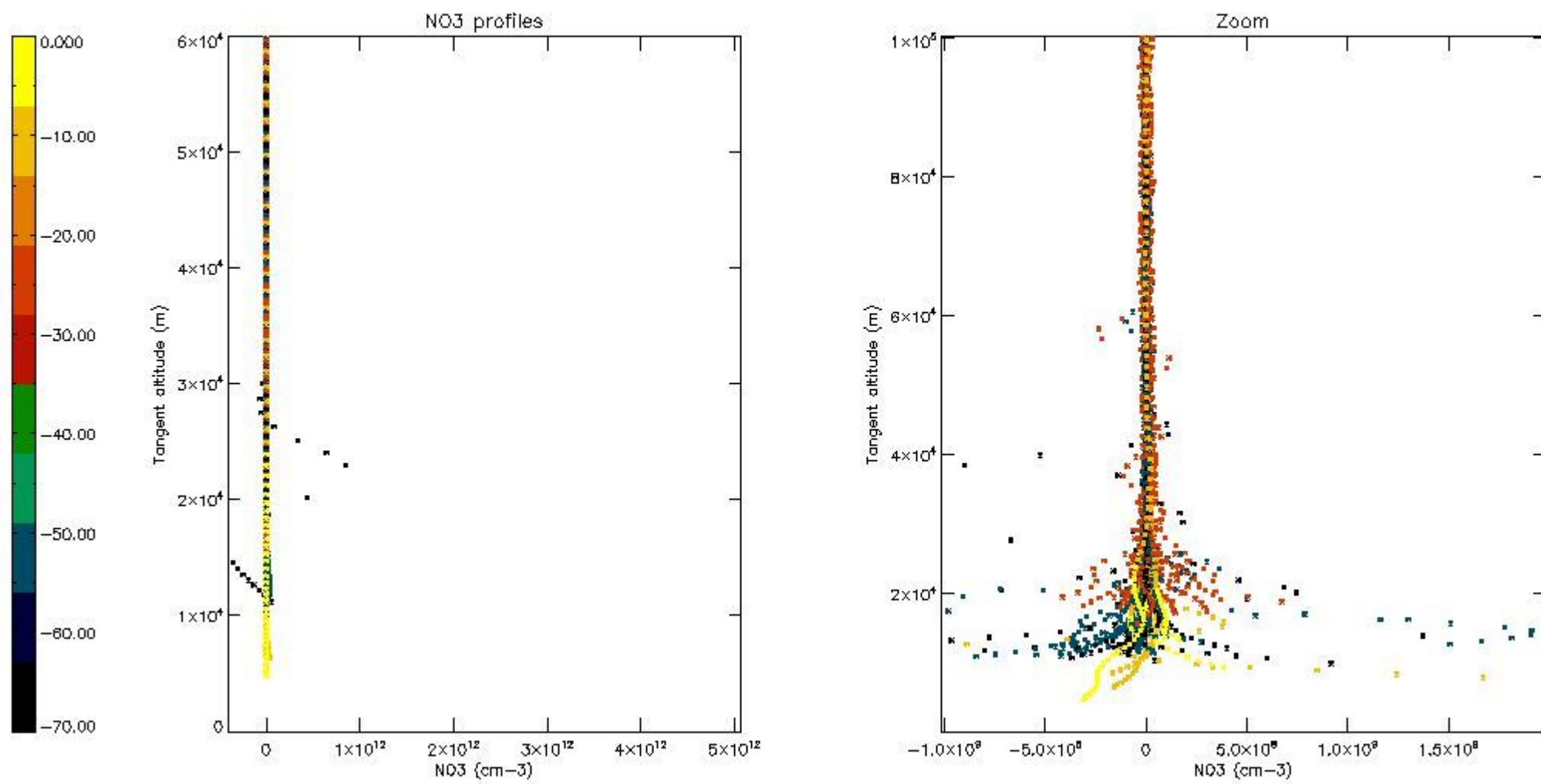
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



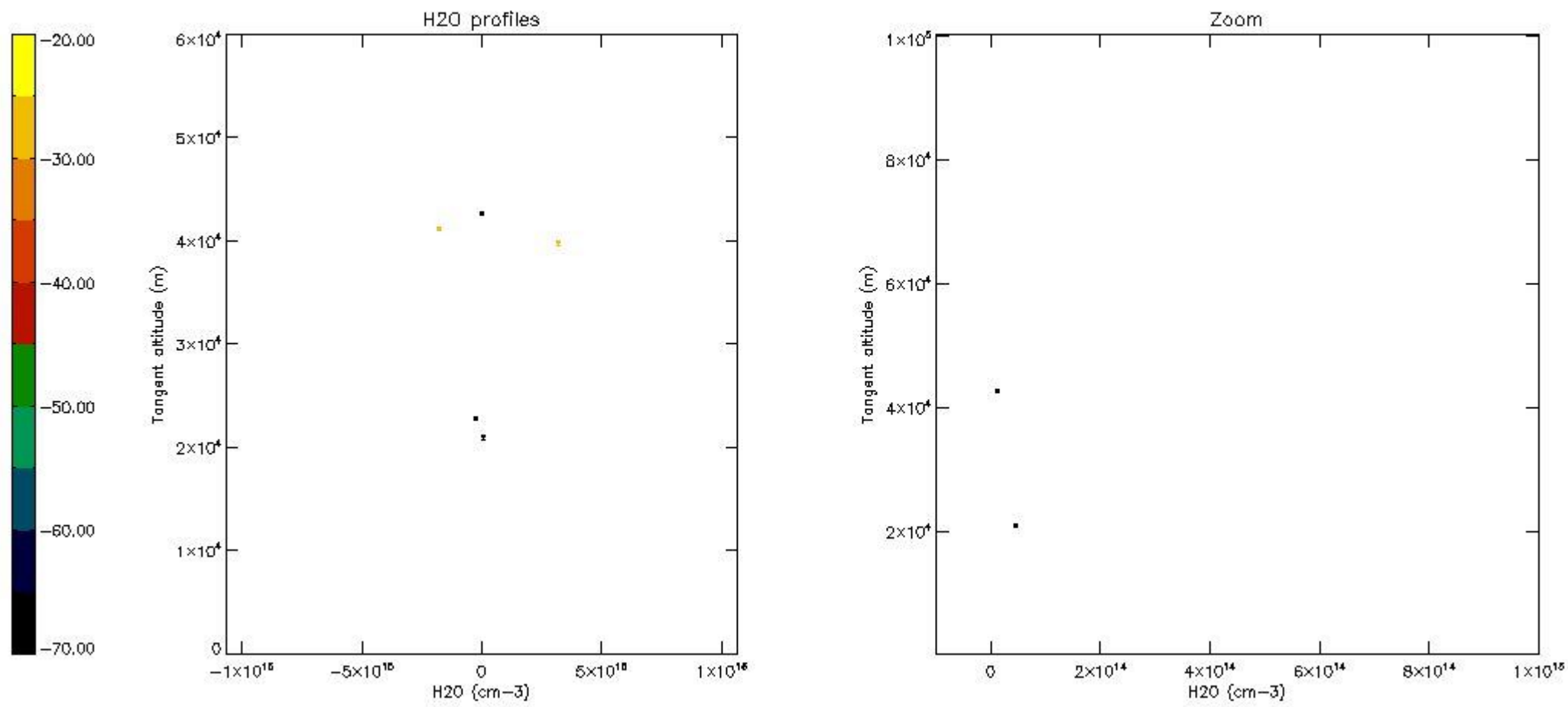
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	22-JUL-2011 00:00:33
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	22-JUL-2011 00:00:33
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	22-JUL-2011 00:00:33

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 16:02:38
Data source version	GOMOS/6.01
Start time of products	22-07-2011 (22JUL2011 00:00:00)
Stop time of products	23-07-2011 (23JUL2011 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	250
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__2PRFIN20110722_000033_000000553104_00390_49111_9729.N1	22-JUL-2011 00:00:33	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	49111	No
2	GOM_NL__2PRFIN20110722_000709_000000503104_00390_49111_9730.N1	22-JUL-2011 00:07:09	Straylight	49.500	31	Alp Gru	1.7340	15200.	99	49111	No
3	GOM_NL__2PRFIN20110722_001021_000000523104_00390_49111_9731.N1	22-JUL-2011 00:10:21	Straylight	52.000	172	Gam Gru	3.0030	13100.	104	49111	No
4	GOM_NL__2PRFIN20110722_002738_000000453104_00390_49111_9732.N1	22-JUL-2011 00:27:38	Bright	44.500	11	53Alp Aql	0.76500	8000.0	89	49111	No
5	GOM_NL__2PRFIN20110722_003831_000000403104_00390_49111_9733.N1	22-JUL-2011 00:38:31	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	49111	No
6	GOM_NL__2PRFIN20110722_004019_000000483104_00390_49111_9734.N1	22-JUL-2011 00:40:19	Bright	47.500	19	50Alp Cyg	1.2460	10500.	95	49111	No
7	GOM_NL__2PRFIN20110722_004530_000000433104_00390_49111_9735.N1	22-JUL-2011 00:45:30	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	49111	No
8	GOM_NL__2PRFIN20110722_005415_000000493104_00390_49111_9736.N1	22-JUL-2011 00:54:15	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	49111	No
9	GOM_NL__2PRFIN20110722_005951_000000543104_00390_49111_9737.N1	22-JUL-2011 00:59:51	Bright	53.500	160	23Gam Per	2.9300	4700.0	107	49111	No
10	GOM_NL__2PRFIN20110722_010119_000000453104_00390_49111_9738.N1	22-JUL-2011 01:01:19	Bright	45.000	35	33Alp Per	1.7950	6250.0	90	49111	No
11	GOM_NL__2PRFIN20110722_010422_000000543104_00390_49111_9739.N1	22-JUL-2011 01:04:22	Bright	54.000	79	26Bet Per	2.3100	13100.	108	49111	No
12	GOM_NL__2PRFIN20110722_010734_000000503104_00390_49111_9740.N1	22-JUL-2011 01:07:34	Twilight	49.500	150	44Zet Per	2.8900	28000.	99	49111	No
13	GOM_NL__2PRFIN20110722_011020_000000463104_00390_49111_9741.N1	22-JUL-2011 01:10:20	Twilight	46.000	146	25Eta Tau	2.8730	15200.	92	49111	No
14	GOM_NL__2PRFIN20110722_011156_000000403104_00390_49111_9742.N1	22-JUL-2011 01:11:56	Dark	40.000	13	87Alp Tau	0.86700	3800.0	80	49111	No
15	GOM_NL__2PRFIN20110722_012151_000000493104_00390_49111_9743.N1	22-JUL-2011 01:21:51	Dark	49.000	165	34Gam Eri	2.9500	3200.0	98	49111	No
16	GOM_NL__2PRFIN20110722_013103_000000433104_00390_49111_9744.N1	22-JUL-2011 01:31:03	Dark	43.000	157	The1Eri	2.9060	9300.0	86	49111	No
17	GOM_NL__2PRFIN20110722_013701_000000513104_00391_49112_9728.N1	22-JUL-2011 01:37:01	Dark	50.500	9	Alp Eri	0.45300	24000.	101	49112	No
18	GOM_NL__2PRFIN20110722_014048_000000543104_00391_49112_9729.N1	22-JUL-2011 01:40:48	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	49112	No
19	GOM_NL__2PRFIN20110722_014724_000000513104_00391_49112_9730.N1	22-JUL-2011 01:47:24	Straylight	50.500	31	Alp Gru	1.7340	15200.	101	49112	No
20	GOM_NL__2PRFIN20110722_015035_000000493104_00391_49112_9731.N1	22-JUL-2011 01:50:35	Straylight	48.500	172	Gam Gru	3.0030	13100.	97	49112	No
21	GOM_NL__2PRFIN20110722_020752_000000433104_00391_49112_9732.N1	22-JUL-2011 02:07:52	Bright	42.500	11	53Alp Aql	0.76500	8000.0	85	49112	No
22	GOM_NL__2PRFIN20110722_021845_000000403104_00391_49112_9733.N1	22-JUL-2011 02:18:45	Bright	39.500	144	18Del Cyg	2.8600	11000.	79	49112	No
23	GOM_NL__2PRFIN20110722_022032_000000473104_00391_49112_9734.N1	22-JUL-2011 02:20:32	Bright	47.000	19	50Alp Cyg	1.2460	10500.	94	49112	No
24	GOM_NL__2PRFIN20110722_022543_000000403104_00391_49112_9735.N1	22-JUL-2011 02:25:43	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	49112	No
25	GOM_NL__2PRFIN20110722_023428_000000473104_00391_49112_9736.N1	22-JUL-2011 02:34:28	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	49112	No
26	GOM_NL__2PRFIN20110722_024005_000000453104_00391_49112_9737.N1	22-JUL-2011 02:40:05	Bright	45.000	160	23Gam Per	2.9300	4700.0	90	49112	No
27	GOM_NL__2PRFIN20110722_024133_000000443104_00391_49112_9738.N1	22-JUL-2011 02:41:33	Bright	44.000	35	33Alp Per	1.7950	6250.0	88	49112	No
28	GOM_NL__2PRFIN20110722_024436_000000523104_00391_49112_9739.N1	22-JUL-2011 02:44:36	Bright	51.500	79	26Bet Per	2.3100	13100.	103	49112	No
29	GOM_NL__2PRFIN20110722_024748_000000483104_00391_49112_9740.N1	22-JUL-2011 02:47:48	Twilight	48.000	150	44Zet Per	2.8900	28000.	96	49112	No
30	GOM_NL__2PRFIN20110722_025034_000000483104_00391_49112_9741.N1	22-JUL-2011 02:50:34	Twilight	47.500	146	25Eta Tau	2.8730	15200.	95	49112	No
31	GOM_NL__2PRFIN20110722_025210_000000473104_00391_49112_9742.N1	22-JUL-2011 02:52:10	Dark	47.000	13	87Alp Tau	0.86700	3800.0	94	49112	No
32	GOM_NL__2PRFIN20110722_030206_000000503104_00391_49112_9743.N1	22-JUL-2011 03:02:06	Dark	49.500	165	34Gam Eri	2.9500	3200.0	99	49112	No
33	GOM_NL__2PRFIN20110722_031118_000000443104_00391_49112_9744.N1	22-JUL-2011 03:11:18	Dark	43.500	157	The1Eri	2.9060	9300.0	87	49112	No
34	GOM_NL__2PRFIN20110722_031716_000000533104_00392_49113_9728.N1	22-JUL-2011 03:17:16	Dark	52.500	9	Alp Eri	0.45300	24000.	105	49113	No
35	GOM_NL__2PRFIN20110722_032103_000000553104_00392_49113_9729.N1	22-JUL-2011 03:21:03	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	49113	No
36	GOM_NL__2PRFIN20110722_032738_000000453104_00392_49113_9730.N1	22-JUL-2011 03:27:38	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	49113	No
37	GOM_NL__2PRFIN20110722_033050_000000483104_00392_49113_9731.N1	22-JUL-2011 03:30:50	Straylight	48.000	172	Gam Gru	3.0030	13100.	96	49113	No
38	GOM_NL__2PRFIN20110722_034806_000000423104_00392_49113_9732.N1	22-JUL-2011 03:48:06	Bright	42.000	11	53Alp Aql	0.76500	8000.0	84	49113	No
39	GOM_NL__2PRFIN20110722_035859_000000393104_00392_49113_9733.N1	22-JUL-2011 03:58:59	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	49113	No
40	GOM_NL__2PRFIN20110722_040046_000000463104_00392_49113_9734.N1	22-JUL-2011 04:00:46	Bright	46.000	19	50Alp Cyg	1.2460	10500.	92	49113	No
41	GOM_NL__2PRFIN20110722_040557_000000413104_00392_49113_9735.N1	22-JUL-2011 04:05:57	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	49113	No
42	GOM_NL__2PRFIN20110722_041442_000000473104_00392_49113_9736.N1	22-JUL-2011 04:14:42	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	49113	No

43	GOM_NL__2PRFIN20110722_042019_000000443104_00392_49113_9737.N1	22-JUL-2011 04:20:19	Bright	44.000	160	23Gam Per	2.9300	4700.0	88	49113	No
44	GOM_NL__2PRFIN20110722_042147_000000453104_00392_49113_9738.N1	22-JUL-2011 04:21:47	Bright	44.500	35	33Alp Per	1.7950	6250.0	89	49113	No
45	GOM_NL__2PRFIN20110722_042450_000000523104_00392_49113_9739.N1	22-JUL-2011 04:24:50	Bright	51.500	79	26Bet Per	2.3100	13100.	103	49113	No
46	GOM_NL__2PRFIN20110722_042802_000000493104_00392_49113_9740.N1	22-JUL-2011 04:28:02	Twi_and_stray	48.500	150	44Zet Per	2.8900	28000.	97	49113	No
47	GOM_NL__2PRFIN20110722_043049_000000463104_00392_49113_9741.N1	22-JUL-2011 04:30:49	Twilight	46.000	146	25Eta Tau	2.8730	15200.	92	49113	No
48	GOM_NL__2PRFIN20110722_043225_000000483104_00392_49113_9742.N1	22-JUL-2011 04:32:25	Dark	48.000	13	87Alp Tau	0.86700	3800.0	96	49113	No
49	GOM_NL__2PRFIN20110722_044220_000000503104_00392_49113_9743.N1	22-JUL-2011 04:42:20	Dark	50.000	165	34Gam Eri	2.9500	3200.0	100	49113	No
50	GOM_NL__2PRFIN20110722_045133_000000443104_00392_49113_9744.N1	22-JUL-2011 04:51:33	Dark	43.500	157	The1Eri	2.9060	9300.0	87	49113	No
51	GOM_NL__2PRFIN20110722_045730_000000533104_00393_49114_9728.N1	22-JUL-2011 04:57:30	Dark	53.000	9	Alp Eri	0.45300	24000.	106	49114	No
52	GOM_NL__2PRFIN20110722_050118_000000553104_00393_49114_9729.N1	22-JUL-2011 05:01:18	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	49114	No
53	GOM_NL__2PRFIN20110722_050753_000000503104_00393_49114_9730.N1	22-JUL-2011 05:07:53	Straylight	50.000	31	Alp Gru	1.7340	15200.	100	49114	No
54	GOM_NL__2PRFIN20110722_051105_000000483104_00393_49114_9731.N1	22-JUL-2011 05:11:05	Straylight	48.000	172	Gam Gru	3.0030	13100.	96	49114	No
55	GOM_NL__2PRFIN20110722_052820_000000423104_00393_49114_9732.N1	22-JUL-2011 05:28:20	Bright	42.000	11	53Alp Aql	0.76500	8000.0	84	49114	No
56	GOM_NL__2PRFIN20110722_053912_000000403104_00393_49114_9733.N1	22-JUL-2011 05:39:12	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	49114	No
57	GOM_NL__2PRFIN20110722_054059_000000463104_00393_49114_9734.N1	22-JUL-2011 05:40:59	Bright	45.500	19	50Alp Cyg	1.2460	10500.	91	49114	No
58	GOM_NL__2PRFIN20110722_054610_000000433104_00393_49114_9735.N1	22-JUL-2011 05:46:10	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	49114	No
59	GOM_NL__2PRFIN20110722_055455_000000483104_00393_49114_9736.N1	22-JUL-2011 05:54:55	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	49114	No
60	GOM_NL__2PRFIN20110722_060033_000000433104_00393_49114_9737.N1	22-JUL-2011 06:00:33	Bright	42.500	160	23Gam Per	2.9300	4700.0	85	49114	No
61	GOM_NL__2PRFIN20110722_060201_000000463104_00393_49114_9738.N1	22-JUL-2011 06:02:01	Bright	45.500	35	33Alp Per	1.7950	6250.0	91	49114	No
62	GOM_NL__2PRFIN20110722_060504_000000483104_00393_49114_9739.N1	22-JUL-2011 06:05:04	Bright	47.500	79	26Bet Per	2.3100	13100.	95	49114	No
63	GOM_NL__2PRFIN20110722_060817_000000483104_00393_49114_9740.N1	22-JUL-2011 06:08:17	Twi_and_stray	48.000	150	44Zet Per	2.8900	28000.	96	49114	No
64	GOM_NL__2PRFIN20110722_061103_000000463104_00393_49114_9741.N1	22-JUL-2011 06:11:03	Twilight	46.000	146	25Eta Tau	2.8730	15200.	92	49114	No
65	GOM_NL__2PRFIN20110722_061239_000000473104_00393_49114_9742.N1	22-JUL-2011 06:12:39	Dark	46.500	13	87Alp Tau	0.86700	3800.0	93	49114	No
66	GOM_NL__2PRFIN20110722_062235_000000503104_00393_49114_9743.N1	22-JUL-2011 06:22:35	Dark	49.500	165	34Gam Eri	2.9500	3200.0	99	49114	No
67	GOM_NL__2PRFIN20110722_063148_000000443104_00393_49114_9744.N1	22-JUL-2011 06:31:48	Dark	43.500	157	The1Eri	2.9060	9300.0	87	49114	No
68	GOM_NL__2PRFIN20110722_063745_000000553104_00394_49115_9727.N1	22-JUL-2011 06:37:45	Dark	55.000	9	Alp Eri	0.45300	24000.	110	49115	No
69	GOM_NL__2PRFIN20110722_064133_000000563104_00394_49115_9728.N1	22-JUL-2011 06:41:33	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	49115	No
70	GOM_NL__2PRFIN20110722_064808_000000473104_00394_49115_9729.N1	22-JUL-2011 06:48:08	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	49115	No
71	GOM_NL__2PRFIN20110722_065120_000000493104_00394_49115_9730.N1	22-JUL-2011 06:51:20	Straylight	48.500	172	Gam Gru	3.0030	13100.	97	49115	No
72	GOM_NL__2PRFIN20110722_070834_000000423104_00394_49115_9731.N1	22-JUL-2011 07:08:34	Bright	41.500	11	53Alp Aql	0.76500	8000.0	83	49115	No
73	GOM_NL__2PRFIN20110722_071926_000000403104_00394_49115_9732.N1	22-JUL-2011 07:19:26	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	49115	No
74	GOM_NL__2PRFIN20110722_072112_000000463104_00394_49115_9733.N1	22-JUL-2011 07:21:12	Bright	46.000	19	50Alp Cyg	1.2460	10500.	92	49115	No
75	GOM_NL__2PRFIN20110722_072624_000000403104_00394_49115_9734.N1	22-JUL-2011 07:26:24	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	49115	No
76	GOM_NL__2PRFIN20110722_073509_000000683104_00394_49115_9735.N1	22-JUL-2011 07:35:09	Bright	67.500	76	27Gam Cas	2.3000	30000.	135	49115	No
77	GOM_NL__2PRFIN20110722_074046_000000603104_00394_49115_9736.N1	22-JUL-2011 07:40:46	Bright	59.500	160	23Gam Per	2.9300	4700.0	119	49115	No
78	GOM_NL__2PRFIN20110722_074215_000000453104_00394_49115_9737.N1	22-JUL-2011 07:42:15	Bright	44.500	35	33Alp Per	1.7950	6250.0	89	49115	No
79	GOM_NL__2PRFIN20110722_074518_000000513104_00394_49115_9738.N1	22-JUL-2011 07:45:18	Bright	50.500	79	26Bet Per	2.3100	13100.	101	49115	No
80	GOM_NL__2PRFIN20110722_074831_000000503104_00394_49115_9739.N1	22-JUL-2011 07:48:31	Twi_and_stray	49.500	150	44Zet Per	2.8900	28000.	99	49115	No
81	GOM_NL__2PRFIN20110722_075117_000000473104_00394_49115_9740.N1	22-JUL-2011 07:51:17	Twilight	46.500	146	25Eta Tau	2.8730	15200.	93	49115	No
82	GOM_NL__2PRFIN20110722_075253_000000403104_00394_49115_9741.N1	22-JUL-2011 07:52:53	Dark	40.000	13	87Alp Tau	0.86700	3800.0	80	49115	No
83	GOM_NL__2PRFIN20110722_080250_000000513104_00394_49115_9742.N1	22-JUL-2011 08:02:50	Dark	50.500	165	34Gam Eri	2.9500	3200.0	101	49115	No
84	GOM_NL__2PRFIN20110722_081203_000000453104_00394_49115_9743.N1	22-JUL-2011 08:12:03	Dark	44.500	157	The1Eri	2.9060	9300.0	89	49115	No
85	GOM_NL__2PRFIN20110722_081800_000000443104_00395_49116_9727.N1	22-JUL-2011 08:18:00	Dark	43.500	9	Alp Eri	0.45300	24000.	87	49116	No
86	GOM_NL__2PRFIN20110722_082148_000000533104_00395_49116_9728.N1	22-JUL-2011 08:21:48	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	49116	No
87	GOM_NL__2PRFIN20110722_082822_000000473104_00395_49116_9729.N1	22-JUL-2011 08:28:22	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	49116	No
88	GOM_NL__2PRFIN20110722_083134_000000483104_00395_49116_9730.N1	22-JUL-2011 08:31:34	Straylight	48.000	172	Gam Gru	3.0030	13100.	96	49116	No
89	GOM_NL__2PRFIN20110722_084847_000000443104_00395_49116_9731.N1	22-JUL-2011 08:48:47	Bright	43.500	11	53Alp Aql	0.76500	8000.0	87	49116	No
90	GOM_NL__2PRFIN20110722_085939_000000403104_00395_49116_9732.N1	22-JUL-2011 08:59:39	Bright	39.500	144	18Del Cyg	2.8600	11000.	79	49116	No
91	GOM_NL__2PRFIN20110722_090126_000000473104_00395_49116_9733.N1	22-JUL-2011 09:01:26	Bright	46.500	19	50Alp Cyg	1.2460	10500.	93	49116	No
92	GOM_NL__2PRFIN20110722_090637_000000443104_00395_49116_9734.N1	22-JUL-2011 09:06:37	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	49116	No
93	GOM_NL__2PRFIN20110722_091522_000000493104_00395_49116_9735.N1	22-JUL-2011 09:15:22	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	49116	No
94	GOM_NL__2PRFIN20110722_092100_000000453104_00395_49116_9736.N1	22-JUL-2011 09:21:00	Bright	44.500	160	23Gam Per	2.9300	4700.0	89	49116	No
95	GOM_NL__2PRFIN20110722_092229_000000453104_00395_49116_9737.N1	22-JUL-2011 09:22:29	Bright	45.000	35	33Alp Per	1.7950	6250.0	90	49116	No
96	GOM_NL__2PRFIN20110722_092532_000000523104_00395_49116_9738.N1	22-JUL-2011 09:25:32	Bright	52.000	79	26Bet Per	2.3100	13100.	104	49116	No
97	GOM_NL__2PRFIN20110722_092845_000000493104_00395_49116_9739.N1	22-JUL-2011 09:28:45	Twi_and_stray	49.000	150	44Zet Per	2.8900	28000.	98	49116	No
98	GOM_NL__2PRFIN20110722_093132_000000503104_00395_49116_9740.N1	22-JUL-2011 09:31:32	Twilight	49.500	146	25Eta Tau	2.8730	15200.	99	49116	No
99	GOM_NL__2PRFIN20110722_093308_000000493104_00395_49116_9741.N1	22-JUL-2011 09:33:08	Dark	49.000	13	87Alp Tau	0.86700	3800.0	98	49116	No
100	GOM_NL__2PRFIN20110722_094304_000000493104_00395_49116_9742.N1	22-JUL-2011 09:43:04	Dark	49.000	165	34Gam Eri	2.9500	3200.0	98	49116	No
101	GOM_NL__2PRFIN20110722_095218_000000433104_00395_49116_9743.N1	22-JUL-2011 09:52:18	Dark	43.000	157	The1Eri	2.9060	9300.0	86	49116	No

102	GOM_NL__2PRFIN20110722_095814_000000423104_00396_49117_9727.N1	22-JUL-2011 09:58:14	Dark	41.500	9	Alp Eri	0.45300	24000.	83	49117	No
103	GOM_NL__2PRFIN20110722_100204_000000523104_00396_49117_9728.N1	22-JUL-2011 10:02:04	Straylight	51.500	84	Alp Phe	2.3970	4500.0	103	49117	No
104	GOM_NL__2PRFIN20110722_100837_000000463104_00396_49117_9729.N1	22-JUL-2011 10:08:37	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	49117	No
105	GOM_NL__2PRFIN20110722_101149_000000503104_00396_49117_9730.N1	22-JUL-2011 10:11:49	Straylight	50.000	172	Gam Gru	3.0030	13100.	100	49117	No
106	GOM_NL__2PRFIN20110722_102901_000000413104_00396_49117_9731.N1	22-JUL-2011 10:29:01	Bright	41.000	11	53Alp Aql	0.76500	8000.0	82	49117	No
107	GOM_NL__2PRFIN20110722_103953_000000403104_00396_49117_9732.N1	22-JUL-2011 10:39:53	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	49117	No
108	GOM_NL__2PRFIN20110722_104139_000000463104_00396_49117_9733.N1	22-JUL-2011 10:41:39	Bright	46.000	19	50Alp Cyg	1.2460	10500.	92	49117	No
109	GOM_NL__2PRFIN20110722_104651_000000433104_00396_49117_9734.N1	22-JUL-2011 10:46:51	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	49117	No
110	GOM_NL__2PRFIN20110722_105535_000000483104_00396_49117_9735.N1	22-JUL-2011 10:55:35	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	49117	No
111	GOM_NL__2PRFIN20110722_110114_000000563104_00396_49117_9736.N1	22-JUL-2011 11:01:14	Bright	56.000	160	23Gam Per	2.9300	4700.0	112	49117	No
112	GOM_NL__2PRFIN20110722_110242_000000453104_00396_49117_9737.N1	22-JUL-2011 11:02:42	Bright	44.500	35	33Alp Per	1.7950	6250.0	89	49117	No
113	GOM_NL__2PRFIN20110722_110546_000000563104_00396_49117_9738.N1	22-JUL-2011 11:05:46	Bright	55.500	79	26Bet Per	2.3100	13100.	111	49117	No
114	GOM_NL__2PRFIN20110722_110859_000000503104_00396_49117_9739.N1	22-JUL-2011 11:08:59	Twi_and_stray	49.500	150	44Zet Per	2.8900	28000.	99	49117	No
115	GOM_NL__2PRFIN20110722_111146_000000533104_00396_49117_9740.N1	22-JUL-2011 11:11:46	Twilight	52.500	146	25Eta Tau	2.8730	15200.	105	49117	No
116	GOM_NL__2PRFIN20110722_111322_000000493104_00396_49117_9741.N1	22-JUL-2011 11:13:22	Dark	48.500	13	87Alp Tau	0.86700	3800.0	97	49117	No
117	GOM_NL__2PRFIN20110722_112319_000000503104_00396_49117_9742.N1	22-JUL-2011 11:23:19	Dark	50.000	165	34Gam Eri	2.9500	3200.0	100	49117	No
118	GOM_NL__2PRFIN20110722_113232_000000443104_00396_49117_9743.N1	22-JUL-2011 11:32:32	Dark	44.000	157	The1Eri	2.9060	9300.0	88	49117	No
119	GOM_NL__2PRFIN20110722_113829_000000413104_00397_49118_9642.N1	22-JUL-2011 11:38:29	Dark	40.500	9	Alp Eri	0.45300	24000.	81	49118	No
120	GOM_NL__2PRFIN20110722_114219_000000543104_00397_49118_9643.N1	22-JUL-2011 11:42:19	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	49118	No
121	GOM_NL__2PRFIN20110722_114852_000000473104_00397_49118_9644.N1	22-JUL-2011 11:48:52	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	49118	No
122	GOM_NL__2PRFIN20110722_115203_000000483104_00397_49118_9645.N1	22-JUL-2011 11:52:03	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	49118	No
123	GOM_NL__2PRFIN20110722_120915_000000403104_00397_49118_9646.N1	22-JUL-2011 12:09:15	Bright	40.000	11	53Alp Aql	0.76500	8000.0	80	49118	No
124	GOM_NL__2PRFIN20110722_122007_000000403104_00397_49118_9647.N1	22-JUL-2011 12:20:07	Bright	39.500	144	18Del Cyg	2.8600	11000.	79	49118	No
125	GOM_NL__2PRFIN20110722_122152_000000473104_00397_49118_9648.N1	22-JUL-2011 12:21:52	Bright	47.000	19	50Alp Cyg	1.2460	10500.	94	49118	No
126	GOM_NL__2PRFIN20110722_122704_000000443104_00397_49118_9649.N1	22-JUL-2011 12:27:04	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	49118	No
127	GOM_NL__2PRFIN20110722_123549_000000473104_00397_49118_9650.N1	22-JUL-2011 12:35:49	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	49118	No
128	GOM_NL__2PRFIN20110722_124127_000000543104_00397_49118_9651.N1	22-JUL-2011 12:41:27	Bright	54.000	160	23Gam Per	2.9300	4700.0	108	49118	No
129	GOM_NL__2PRFIN20110722_124256_000000463104_00397_49118_9652.N1	22-JUL-2011 12:42:56	Bright	45.500	35	33Alp Per	1.7950	6250.0	91	49118	No
130	GOM_NL__2PRFIN20110722_124559_000000513104_00397_49118_9653.N1	22-JUL-2011 12:45:59	Bright	51.000	79	26Bet Per	2.3100	13100.	102	49118	No
131	GOM_NL__2PRFIN20110722_124913_000000503104_00397_49118_9654.N1	22-JUL-2011 12:49:13	Twi_and_stray	49.500	150	44Zet Per	2.8900	28000.	99	49118	No
132	GOM_NL__2PRFIN20110722_125200_000000513104_00397_49118_9655.N1	22-JUL-2011 12:52:00	Twilight	50.500	146	25Eta Tau	2.8730	15200.	101	49118	No
133	GOM_NL__2PRFIN20110722_125336_000000473104_00397_49118_9656.N1	22-JUL-2011 12:53:36	Dark	46.500	13	87Alp Tau	0.86700	3800.0	93	49118	No
134	GOM_NL__2PRFIN20110722_130334_000000503104_00397_49118_9657.N1	22-JUL-2011 13:03:34	Dark	49.500	165	34Gam Eri	2.9500	3200.0	99	49118	No
135	GOM_NL__2PRFIN20110722_131247_000000443104_00397_49118_9658.N1	22-JUL-2011 13:12:47	Dark	43.500	157	The1Eri	2.9060	9300.0	87	49118	No
136	GOM_NL__2PRFIN20110722_131844_000000453104_00398_49119_9643.N1	22-JUL-2011 13:18:44	Dark	44.500	9	Alp Eri	0.45300	24000.	89	49119	No
137	GOM_NL__2PRFIN20110722_132234_000000543104_00398_49119_9644.N1	22-JUL-2011 13:22:34	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	49119	No
138	GOM_NL__2PRFIN20110722_132906_000000463104_00398_49119_9645.N1	22-JUL-2011 13:29:06	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	49119	No
139	GOM_NL__2PRFIN20110722_133218_000000493104_00398_49119_9646.N1	22-JUL-2011 13:32:18	Straylight	48.500	172	Gam Gru	3.0030	13100.	97	49119	No
140	GOM_NL__2PRFIN20110722_134929_000000423104_00398_49119_9647.N1	22-JUL-2011 13:49:29	Bright	42.000	11	53Alp Aql	0.76500	8000.0	84	49119	No
141	GOM_NL__2PRFIN20110722_140020_000000403104_00398_49119_9648.N1	22-JUL-2011 14:00:20	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	49119	No
142	GOM_NL__2PRFIN20110722_140206_000000463104_00398_49119_9649.N1	22-JUL-2011 14:02:06	Bright	45.500	19	50Alp Cyg	1.2460	10500.	91	49119	No
143	GOM_NL__2PRFIN20110722_140718_000000433104_00398_49119_9650.N1	22-JUL-2011 14:07:18	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	49119	No
144	GOM_NL__2PRFIN20110722_141602_000000483104_00398_49119_9651.N1	22-JUL-2011 14:16:02	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	49119	No
145	GOM_NL__2PRFIN20110722_142141_000000493104_00398_49119_9652.N1	22-JUL-2011 14:21:41	Bright	48.500	160	23Gam Per	2.9300	4700.0	97	49119	No
146	GOM_NL__2PRFIN20110722_142310_000000453104_00398_49119_9653.N1	22-JUL-2011 14:23:10	Bright	44.500	35	33Alp Per	1.7950	6250.0	89	49119	No
147	GOM_NL__2PRFIN20110722_142613_000000523104_00398_49119_9654.N1	22-JUL-2011 14:26:13	Bright	51.500	79	26Bet Per	2.3100	13100.	103	49119	No
148	GOM_NL__2PRFIN20110722_142927_000000483104_00398_49119_9655.N1	22-JUL-2011 14:29:27	Twi_and_stray	47.500	150	44Zet Per	2.8900	28000.	95	49119	No
149	GOM_NL__2PRFIN20110722_143214_000000513104_00398_49119_9656.N1	22-JUL-2011 14:32:14	Twilight	50.500	146	25Eta Tau	2.8730	15200.	101	49119	No
150	GOM_NL__2PRFIN20110722_143350_000000493104_00398_49119_9657.N1	22-JUL-2011 14:33:50	Dark	49.000	13	87Alp Tau	0.86700	3800.0	98	49119	No
151	GOM_NL__2PRFIN20110722_144348_000000513104_00398_49119_9658.N1	22-JUL-2011 14:43:48	Dark	50.500	165	34Gam Eri	2.9500	3200.0	101	49119	No
152	GOM_NL__2PRFIN20110722_145302_000000443104_00398_49119_9659.N1	22-JUL-2011 14:53:02	Dark	44.000	157	The1Eri	2.9060	9300.0	88	49119	No
153	GOM_NL__2PRFIN20110722_145858_000000433104_00399_49120_9702.N1	22-JUL-2011 14:58:58	Dark	42.500	9	Alp Eri	0.45300	24000.	85	49120	No
154	GOM_NL__2PRFIN20110722_150249_000000553104_00399_49120_9703.N1	22-JUL-2011 15:02:49	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	49120	No
155	GOM_NL__2PRFIN20110722_150921_000000443104_00399_49120_9704.N1	22-JUL-2011 15:09:21	Straylight	44.000	31	Alp Gru	1.7340	15200.	88	49120	No
156	GOM_NL__2PRFIN20110722_151232_000000483104_00399_49120_9705.N1	22-JUL-2011 15:12:32	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	49120	No
157	GOM_NL__2PRFIN20110722_152942_000000413104_00399_49120_9706.N1	22-JUL-2011 15:29:42	Bright	41.000	11	53Alp Aql	0.76500	8000.0	82	49120	No
158	GOM_NL__2PRFIN20110722_153924_000000303104_00399_49120_9707.N1	22-JUL-2011 15:39:24	Twi_and_stray	30.000	92	53Eps Cyg	2.5000	4500.0	60	49120	No
159	GOM_NL__2PRFIN20110722_154034_000000403104_00399_49120_9708.N1	22-JUL-2011 15:40:34	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	49120	No
160	GOM_NL__2PRFIN20110722_154219_000000473104_00399_49120_9709.N1	22-JUL-2011 15:42:19	Bright	46.500	19	50Alp Cyg	1.2460	10500.	93	49120	No

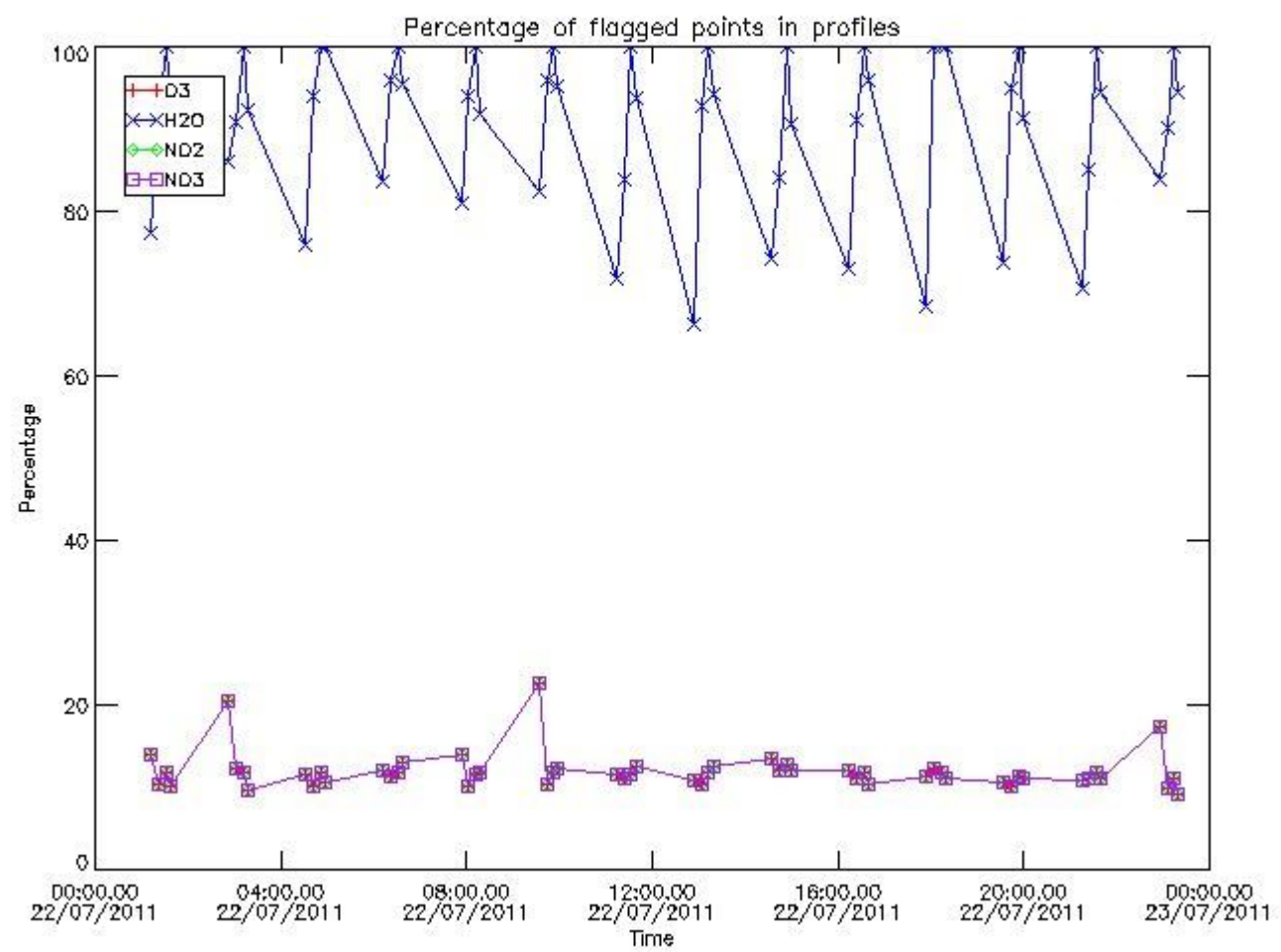
161	GOM_NL__2PRFIN20110722_154731_000000433104_00399_49120_9710.N1	22-JUL-2011 15:47:31	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	49120	No
162	GOM_NL__2PRFIN20110722_155615_000000493104_00399_49120_9711.N1	22-JUL-2011 15:56:15	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	49120	No
163	GOM_NL__2PRFIN20110722_160155_000000653104_00399_49120_9712.N1	22-JUL-2011 16:01:55	Bright	65.000	160	23Gam Per	2.9300	4700.0	130	49120	No
164	GOM_NL__2PRFIN20110722_160324_000000643104_00399_49120_9713.N1	22-JUL-2011 16:03:24	Bright	64.000	35	33Alp Per	1.7950	6250.0	128	49120	No
165	GOM_NL__2PRFIN20110722_160627_000000523104_00399_49120_9714.N1	22-JUL-2011 16:06:27	Bright	51.500	79	26Bet Per	2.3100	13100.	103	49120	No
166	GOM_NL__2PRFIN20110722_160941_000000473104_00399_49120_9715.N1	22-JUL-2011 16:09:41	Twilight	46.500	150	44Zet Per	2.8900	28000.	93	49120	No
167	GOM_NL__2PRFIN20110722_161229_000000493104_00399_49120_9716.N1	22-JUL-2011 16:12:29	Twilight	48.500	146	25Eta Tau	2.8730	15200.	97	49120	No
168	GOM_NL__2PRFIN20110722_161405_000000513104_00399_49120_9717.N1	22-JUL-2011 16:14:05	Dark	50.500	13	87Alp Tau	0.86700	3800.0	101	49120	No
169	GOM_NL__2PRFIN20110722_162403_000000513104_00399_49120_9718.N1	22-JUL-2011 16:24:03	Dark	51.000	165	34Gam Eri	2.9500	3200.0	102	49120	No
170	GOM_NL__2PRFIN20110722_163317_000000433104_00399_49120_9719.N1	22-JUL-2011 16:33:17	Dark	43.000	157	The1Eri	2.9060	9300.0	86	49120	No
171	GOM_NL__2PRFIN20110722_163913_000000503104_00400_49121_9823.N1	22-JUL-2011 16:39:13	Dark	49.500	9	Alp Eri	0.45300	24000.	99	49121	No
172	GOM_NL__2PRFIN20110722_164304_000000533104_00400_49121_9824.N1	22-JUL-2011 16:43:04	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	49121	No
173	GOM_NL__2PRFIN20110722_164935_000000463104_00400_49121_9825.N1	22-JUL-2011 16:49:35	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	49121	No
174	GOM_NL__2PRFIN20110722_165247_000000483104_00400_49121_9826.N1	22-JUL-2011 16:52:47	Straylight	48.000	172	Gam Gru	3.0030	13100.	96	49121	No
175	GOM_NL__2PRFIN20110722_170956_000000443104_00400_49121_9827.N1	22-JUL-2011 17:09:56	Bright	43.500	11	53Alp Aql	0.76500	8000.0	87	49121	No
176	GOM_NL__2PRFIN20110722_171937_000000303104_00400_49121_9828.N1	22-JUL-2011 17:19:37	Twilight	30.000	92	53Eps Cyg	2.5000	4500.0	60	49121	No
177	GOM_NL__2PRFIN20110722_172048_000000413104_00400_49121_9829.N1	22-JUL-2011 17:20:48	Bright	40.500	144	18Del Cyg	2.8600	11000.	81	49121	No
178	GOM_NL__2PRFIN20110722_172232_000000483104_00400_49121_9830.N1	22-JUL-2011 17:22:32	Bright	47.500	19	50Alp Cyg	1.2460	10500.	95	49121	No
179	GOM_NL__2PRFIN20110722_172745_000000433104_00400_49121_9831.N1	22-JUL-2011 17:27:45	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	49121	No
180	GOM_NL__2PRFIN20110722_173629_000000473104_00400_49121_9832.N1	22-JUL-2011 17:36:29	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	49121	No
181	GOM_NL__2PRFIN20110722_174209_000000653104_00400_49121_9833.N1	22-JUL-2011 17:42:09	Bright	65.000	160	23Gam Per	2.9300	4700.0	130	49121	No
182	GOM_NL__2PRFIN20110722_174338_000000603104_00400_49121_9834.N1	22-JUL-2011 17:43:38	Bright	59.500	35	33Alp Per	1.7950	6250.0	119	49121	No
183	GOM_NL__2PRFIN20110722_174641_000000513104_00400_49121_9835.N1	22-JUL-2011 17:46:41	Bright	51.000	79	26Bet Per	2.3100	13100.	102	49121	No
184	GOM_NL__2PRFIN20110722_174955_000000483104_00400_49121_9836.N1	22-JUL-2011 17:49:55	Twilight	47.500	150	44Zet Per	2.8900	28000.	95	49121	No
185	GOM_NL__2PRFIN20110722_175243_000000513104_00400_49121_9837.N1	22-JUL-2011 17:52:43	Twilight	50.500	146	25Eta Tau	2.8730	15200.	101	49121	No
186	GOM_NL__2PRFIN20110722_175419_000000503104_00400_49121_9838.N1	22-JUL-2011 17:54:19	Dark	49.500	13	87Alp Tau	0.86700	3800.0	99	49121	No
187	GOM_NL__2PRFIN20110722_180418_000000503104_00400_49121_9839.N1	22-JUL-2011 18:04:18	Dark	49.500	165	34Gam Eri	2.9500	3200.0	99	49121	No
188	GOM_NL__2PRFIN20110722_181332_000000433104_00400_49121_9840.N1	22-JUL-2011 18:13:32	Dark	43.000	157	The1Eri	2.9060	9300.0	86	49121	No
189	GOM_NL__2PRFIN20110722_181928_000000463104_00401_49122_9849.N1	22-JUL-2011 18:19:28	Dark	46.000	9	Alp Eri	0.45300	24000.	92	49122	No
190	GOM_NL__2PRFIN20110722_182319_000000563104_00401_49122_9850.N1	22-JUL-2011 18:23:19	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	49122	No
191	GOM_NL__2PRFIN20110722_182950_000000453104_00401_49122_9851.N1	22-JUL-2011 18:29:50	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	49122	No
192	GOM_NL__2PRFIN20110722_183302_000000473104_00401_49122_9852.N1	22-JUL-2011 18:33:02	Straylight	47.000	172	Gam Gru	3.0030	13100.	94	49122	No
193	GOM_NL__2PRFIN20110722_185010_000000423104_00401_49122_9853.N1	22-JUL-2011 18:50:10	Bright	41.500	11	53Alp Aql	0.76500	8000.0	83	49122	No
194	GOM_NL__2PRFIN20110722_185950_000000363104_00401_49122_9854.N1	22-JUL-2011 18:59:50	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	49122	No
195	GOM_NL__2PRFIN20110722_190101_000000413104_00401_49122_9855.N1	22-JUL-2011 19:01:01	Bright	40.500	144	18Del Cyg	2.8600	11000.	81	49122	No
196	GOM_NL__2PRFIN20110722_190246_000000463104_00401_49122_9856.N1	22-JUL-2011 19:02:46	Bright	46.000	19	50Alp Cyg	1.2460	10500.	92	49122	No
197	GOM_NL__2PRFIN20110722_190758_000000433104_00401_49122_9857.N1	22-JUL-2011 19:07:58	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	49122	No
198	GOM_NL__2PRFIN20110722_191642_000000493104_00401_49122_9858.N1	22-JUL-2011 19:16:42	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	49122	No
199	GOM_NL__2PRFIN20110722_192222_000000653104_00401_49122_9859.N1	22-JUL-2011 19:22:22	Bright	65.000	160	23Gam Per	2.9300	4700.0	130	49122	No
200	GOM_NL__2PRFIN20110722_192351_000000463104_00401_49122_9860.N1	22-JUL-2011 19:23:51	Bright	45.500	35	33Alp Per	1.7950	6250.0	91	49122	No
201	GOM_NL__2PRFIN20110722_192524_000000403104_00401_49122_9861.N1	22-JUL-2011 19:25:24	Bright	40.000	6	13Alp Aur	0.080000	3400.0	80	49122	No
202	GOM_NL__2PRFIN20110722_192655_000000483104_00401_49122_9862.N1	22-JUL-2011 19:26:55	Bright	47.500	79	26Bet Per	2.3100	13100.	95	49122	No
203	GOM_NL__2PRFIN20110722_193010_000000493104_00401_49122_9863.N1	22-JUL-2011 19:30:10	Twilight	49.000	150	44Zet Per	2.8900	28000.	98	49122	No
204	GOM_NL__2PRFIN20110722_193257_000000483104_00401_49122_9864.N1	22-JUL-2011 19:32:57	Twilight	48.000	146	25Eta Tau	2.8730	15200.	96	49122	No
205	GOM_NL__2PRFIN20110722_193433_000000483104_00401_49122_9865.N1	22-JUL-2011 19:34:33	Dark	48.000	13	87Alp Tau	0.86700	3800.0	96	49122	No
206	GOM_NL__2PRFIN20110722_194432_000000503104_00401_49122_9866.N1	22-JUL-2011 19:44:32	Dark	50.000	165	34Gam Eri	2.9500	3200.0	100	49122	No
207	GOM_NL__2PRFIN20110722_195346_000000453104_00401_49122_9867.N1	22-JUL-2011 19:53:46	Dark	45.000	157	The1Eri	2.9060	9300.0	90	49122	No
208	GOM_NL__2PRFIN20110722_195942_000000463104_00402_49123_9862.N1	22-JUL-2011 19:59:42	Dark	46.000	9	Alp Eri	0.45300	24000.	92	49123	No
209	GOM_NL__2PRFIN20110722_200334_000000543104_00402_49123_9863.N1	22-JUL-2011 20:03:34	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	49123	No
210	GOM_NL__2PRFIN20110722_201005_000000463104_00402_49123_9864.N1	22-JUL-2011 20:10:05	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	49123	No
211	GOM_NL__2PRFIN20110722_201316_000000503104_00402_49123_9865.N1	22-JUL-2011 20:13:16	Straylight	50.000	172	Gam Gru	3.0030	13100.	100	49123	No
212	GOM_NL__2PRFIN20110722_203024_000000413104_00402_49123_9866.N1	22-JUL-2011 20:30:24	Bright	41.000	11	53Alp Aql	0.76500	8000.0	82	49123	No
213	GOM_NL__2PRFIN20110722_204003_000000363104_00402_49123_9867.N1	22-JUL-2011 20:40:03	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	49123	No
214	GOM_NL__2PRFIN20110722_204115_000000413104_00402_49123_9868.N1	22-JUL-2011 20:41:15	Bright	40.500	144	18Del Cyg	2.8600	11000.	81	49123	No
215	GOM_NL__2PRFIN20110722_204259_000000473104_00402_49123_9869.N1	22-JUL-2011 20:42:59	Bright	47.000	19	50Alp Cyg	1.2460	10500.	94	49123	No
216	GOM_NL__2PRFIN20110722_204812_000000403104_00402_49123_9870.N1	22-JUL-2011 20:48:12	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	49123	No
217	GOM_NL__2PRFIN20110722_205656_000000463104_00402_49123_9871.N1	22-JUL-2011 20:56:56	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	49123	No
218	GOM_NL__2PRFIN20110722_210236_000000543104_00402_49123_9872.N1	22-JUL-2011 21:02:36	Bright	53.500	160	23Gam Per	2.9300	4700.0	107	49123	No
219	GOM_NL__2PRFIN20110722_210405_000000643104_00402_49123_9873.N1	22-JUL-2011 21:04:05	Bright	64.000	35	33Alp Per	1.7950	6250.0	128	49123	No

220	GOM_NL__2PRFIN20110722_210538_000000543104_00402_49123_9874.N1	22-JUL-2011 21:05:38	Bright	54.000	6	13Alp Aur	0.080000	3400.0	108	49123	No
221	GOM_NL__2PRFIN20110722_210709_000000553104_00402_49123_9875.N1	22-JUL-2011 21:07:09	Bright	54.500	79	26Bet Per	2.3100	13100.	109	49123	No
222	GOM_NL__2PRFIN20110722_211024_000000503104_00402_49123_9876.N1	22-JUL-2011 21:10:24	Twilight	49.500	150	44Zet Per	2.8900	28000.	99	49123	No
223	GOM_NL__2PRFIN20110722_211312_000000473104_00402_49123_9877.N1	22-JUL-2011 21:13:12	Twilight	46.500	146	25Eta Tau	2.8730	15200.	93	49123	No
224	GOM_NL__2PRFIN20110722_211448_000000463104_00402_49123_9878.N1	22-JUL-2011 21:14:48	Dark	46.000	13	87Alp Tau	0.86700	3800.0	92	49123	No
225	GOM_NL__2PRFIN20110722_212447_000000513104_00402_49123_9879.N1	22-JUL-2011 21:24:47	Dark	50.500	165	34Gam Eri	2.9500	3200.0	101	49123	No
226	GOM_NL__2PRFIN20110722_213401_000000443104_00402_49123_9880.N1	22-JUL-2011 21:34:01	Dark	43.500	157	The1Eri	2.9060	9300.0	87	49123	No
227	GOM_NL__2PRFIN20110722_213957_000000463104_00403_49124_9890.N1	22-JUL-2011 21:39:57	Dark	46.000	9	Alp Eri	0.45300	24000.	92	49124	No
228	GOM_NL__2PRFIN20110722_214349_000000543104_00403_49124_9891.N1	22-JUL-2011 21:43:49	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	49124	No
229	GOM_NL__2PRFIN20110722_215019_000000453104_00403_49124_9892.N1	22-JUL-2011 21:50:19	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	49124	No
230	GOM_NL__2PRFIN20110722_215331_000000483104_00403_49124_9893.N1	22-JUL-2011 21:53:31	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	49124	No
231	GOM_NL__2PRFIN20110722_221038_000000423104_00403_49124_9894.N1	22-JUL-2011 22:10:38	Bright	41.500	11	53Alp Aql	0.76500	8000.0	83	49124	No
232	GOM_NL__2PRFIN20110722_222017_000000433104_00403_49124_9895.N1	22-JUL-2011 22:20:17	Bright	43.000	92	53Eps Cyg	2.5000	4500.0	86	49124	No
233	GOM_NL__2PRFIN20110722_222129_000000383104_00403_49124_9896.N1	22-JUL-2011 22:21:29	Bright	38.000	144	18Del Cyg	2.8600	11000.	76	49124	No
234	GOM_NL__2PRFIN20110722_222312_000000483104_00403_49124_9897.N1	22-JUL-2011 22:23:12	Bright	48.000	19	50Alp Cyg	1.2460	10500.	96	49124	No
235	GOM_NL__2PRFIN20110722_222825_000000433104_00403_49124_9898.N1	22-JUL-2011 22:28:25	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	49124	No
236	GOM_NL__2PRFIN20110722_223709_000000493104_00403_49124_9899.N1	22-JUL-2011 22:37:09	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	49124	No
237	GOM_NL__2PRFIN20110722_224250_000000653104_00403_49124_9900.N1	22-JUL-2011 22:42:50	Bright	65.000	160	23Gam Per	2.9300	4700.0	130	49124	No
238	GOM_NL__2PRFIN20110722_224419_000000643104_00403_49124_9901.N1	22-JUL-2011 22:44:19	Bright	64.000	35	33Alp Per	1.7950	6250.0	128	49124	No
239	GOM_NL__2PRFIN20110722_224552_000000383104_00403_49124_9902.N1	22-JUL-2011 22:45:52	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	49124	No
240	GOM_NL__2PRFIN20110722_224723_000000553104_00403_49124_9903.N1	22-JUL-2011 22:47:23	Bright	55.000	79	26Bet Per	2.3100	13100.	110	49124	No
241	GOM_NL__2PRFIN20110722_225038_000000493104_00403_49124_9904.N1	22-JUL-2011 22:50:38	Twilight	49.000	150	44Zet Per	2.8900	28000.	98	49124	No
242	GOM_NL__2PRFIN20110722_225326_000000503104_00403_49124_9905.N1	22-JUL-2011 22:53:26	Twilight	49.500	146	25Eta Tau	2.8730	15200.	99	49124	No
243	GOM_NL__2PRFIN20110722_225502_000000473104_00403_49124_9906.N1	22-JUL-2011 22:55:02	Dark	47.000	13	87Alp Tau	0.86700	3800.0	94	49124	No
244	GOM_NL__2PRFIN20110722_230502_000000513104_00403_49124_9907.N1	22-JUL-2011 23:05:02	Dark	51.000	165	34Gam Eri	2.9500	3200.0	102	49124	No
245	GOM_NL__2PRFIN20110722_231416_000000463104_00403_49124_9908.N1	22-JUL-2011 23:14:16	Dark	46.000	157	The1Eri	2.9060	9300.0	92	49124	No
246	GOM_NL__2PRFIN20110722_232011_000000563104_00404_49125_9925.N1	22-JUL-2011 23:20:11	Dark	55.500	9	Alp Eri	0.45300	24000.	111	49125	No
247	GOM_NL__2PRFIN20110722_232404_000000583104_00404_49125_9926.N1	22-JUL-2011 23:24:04	Straylight	57.500	84	Alp Phe	2.3970	4500.0	115	49125	No
248	GOM_NL__2PRFIN20110722_233034_000000493104_00404_49125_9927.N1	22-JUL-2011 23:30:34	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	49125	No
249	GOM_NL__2PRFIN20110722_233345_000000493104_00404_49125_9928.N1	22-JUL-2011 23:33:45	Straylight	48.500	172	Gam Gru	3.0030	13100.	97	49125	No
250	GOM_NL__2PRFIN20110722_235051_000000423104_00404_49125_9929.N1	22-JUL-2011 23:50:51	Bright	41.500	11	53Alp Aql	0.76500	8000.0	83	49125	No

3. Quality information per product

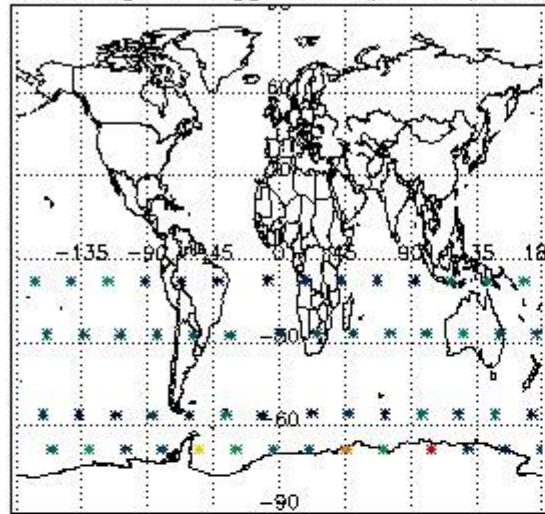
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

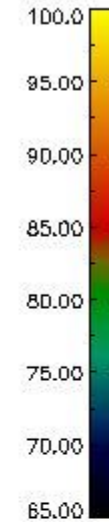
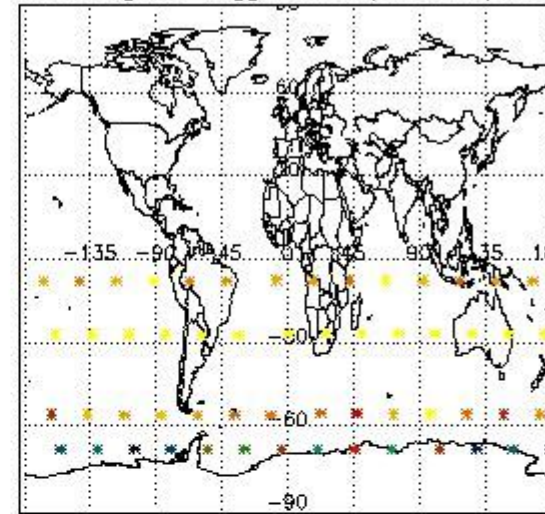


3.2 Plot quality information per product (world map)

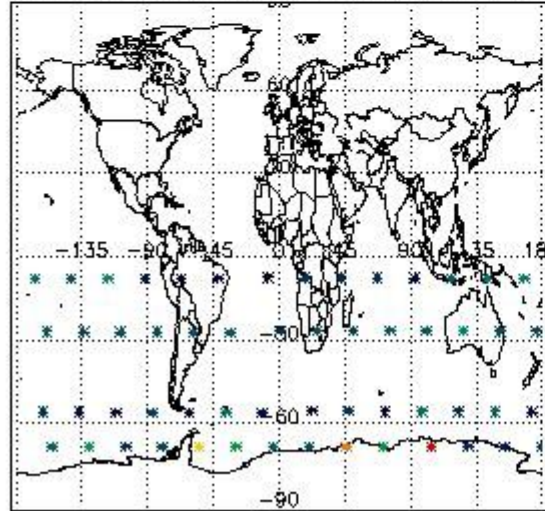
Percentage of flagged data per O3 profile



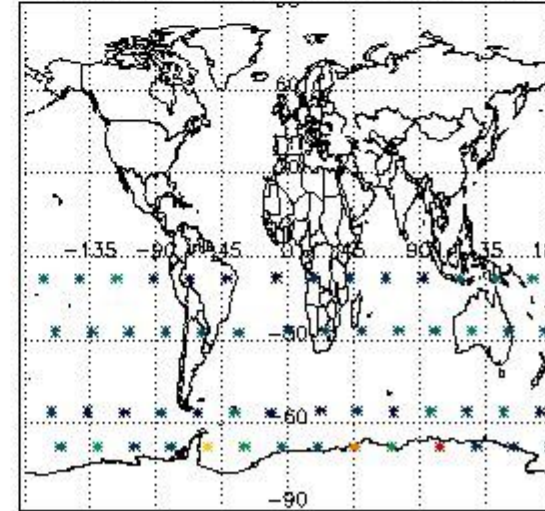
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

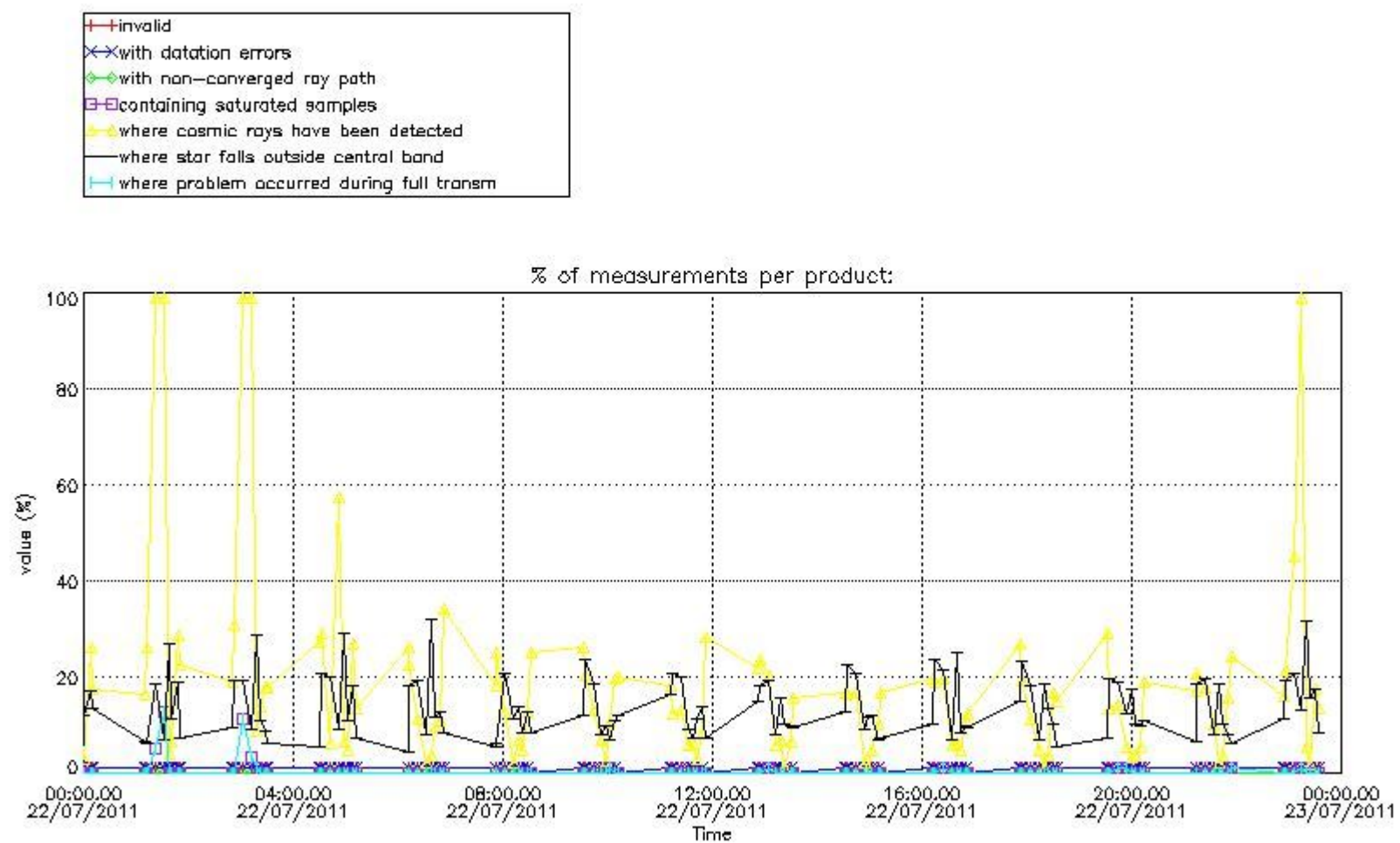


4. Level 1 quality information per product

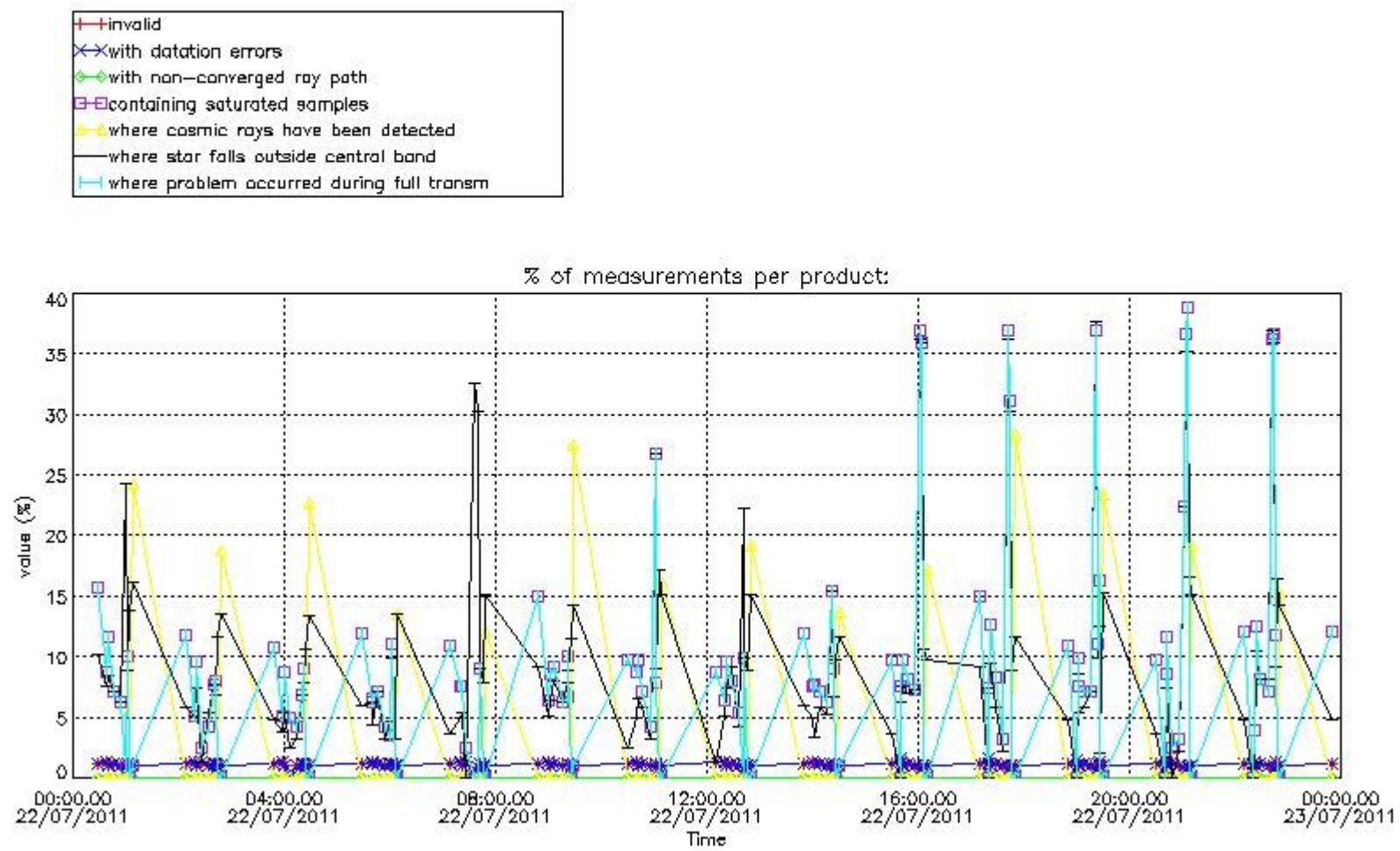
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



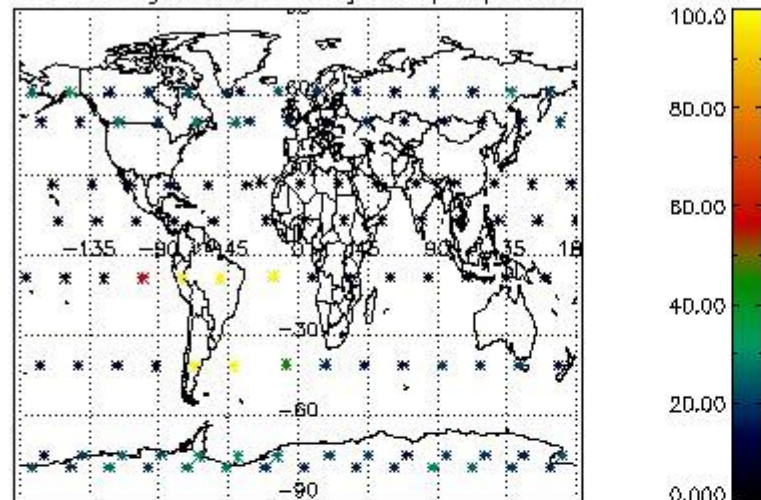
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



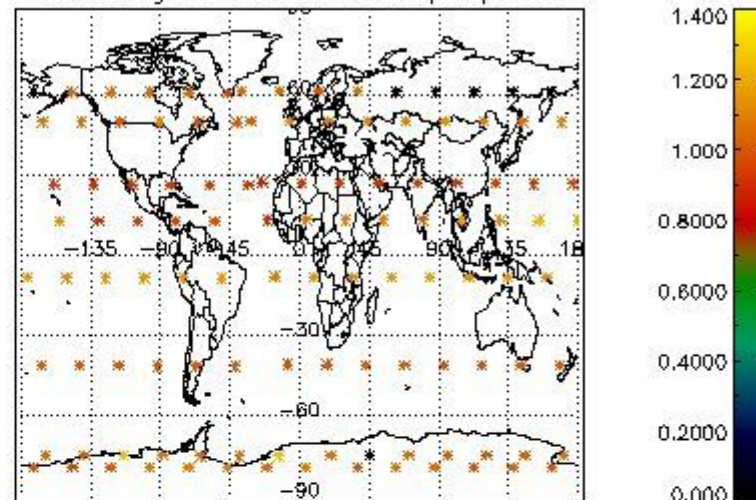
4.2 Plot quality information per product coming from level 1b processing (world map)

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

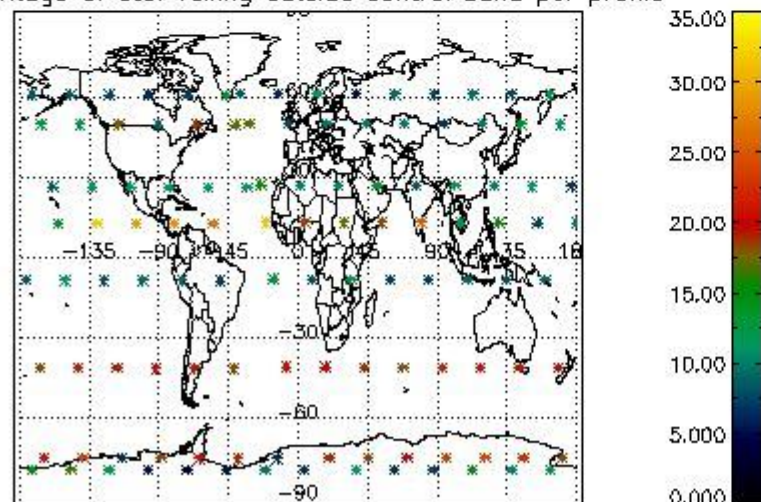
Percentage of cosmic ray hits per profile



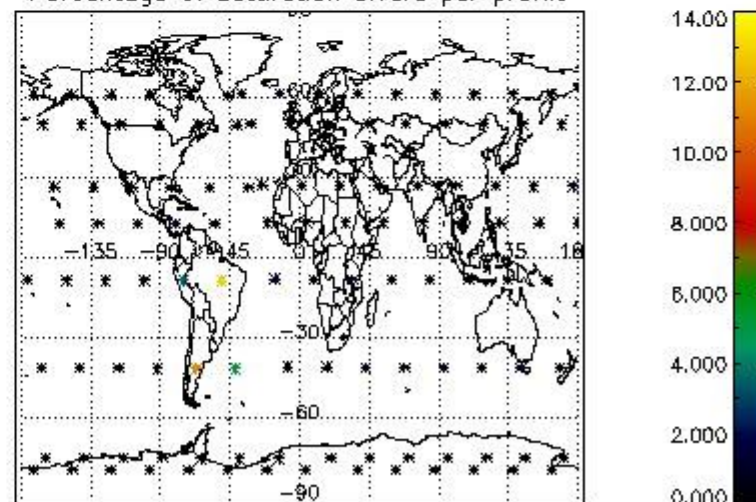
Percentage of datation errors per profile



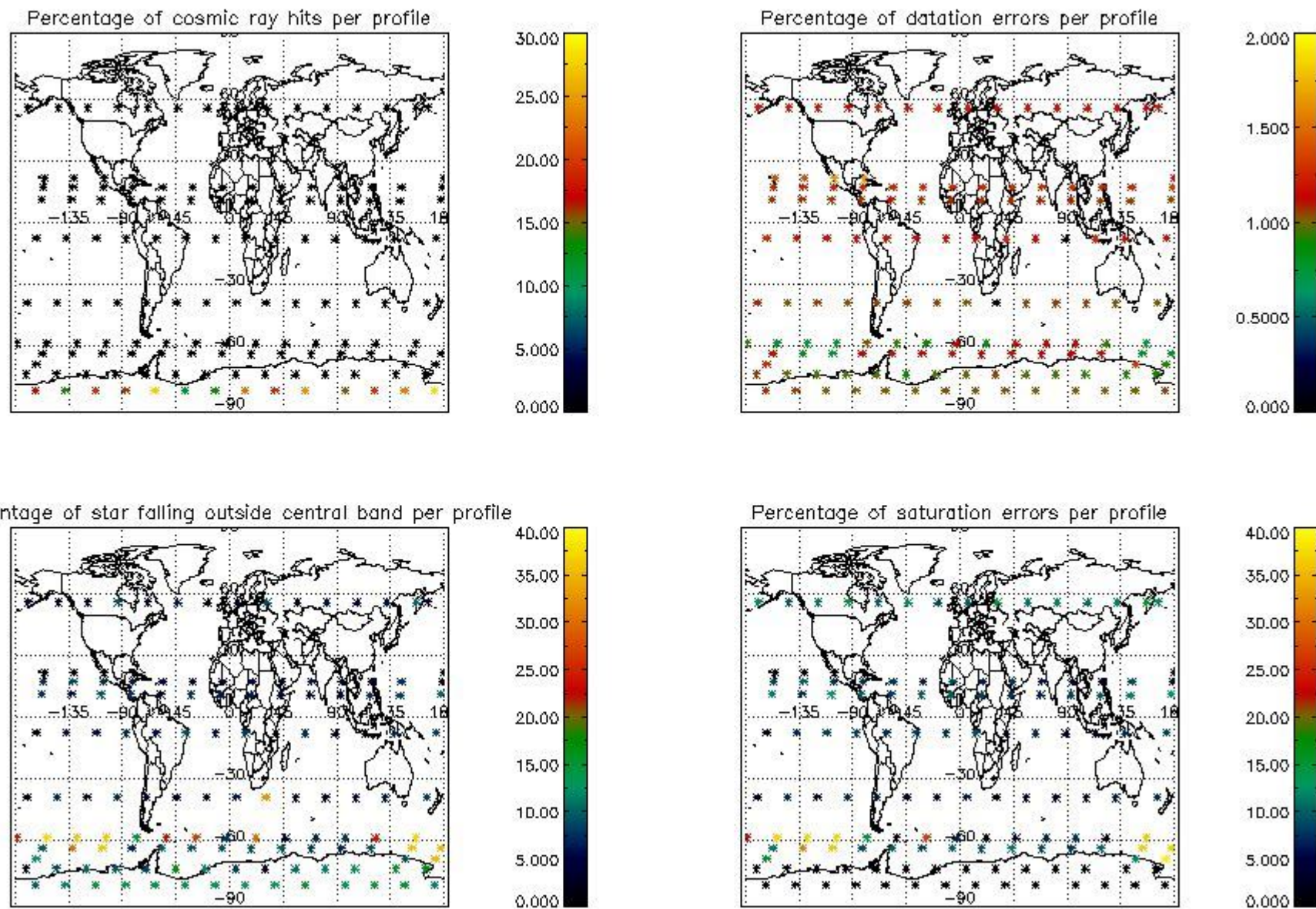
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/o3_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM_NL__2P/NL_SUMMARY_QUALITY/obs_ill_cond=0
- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

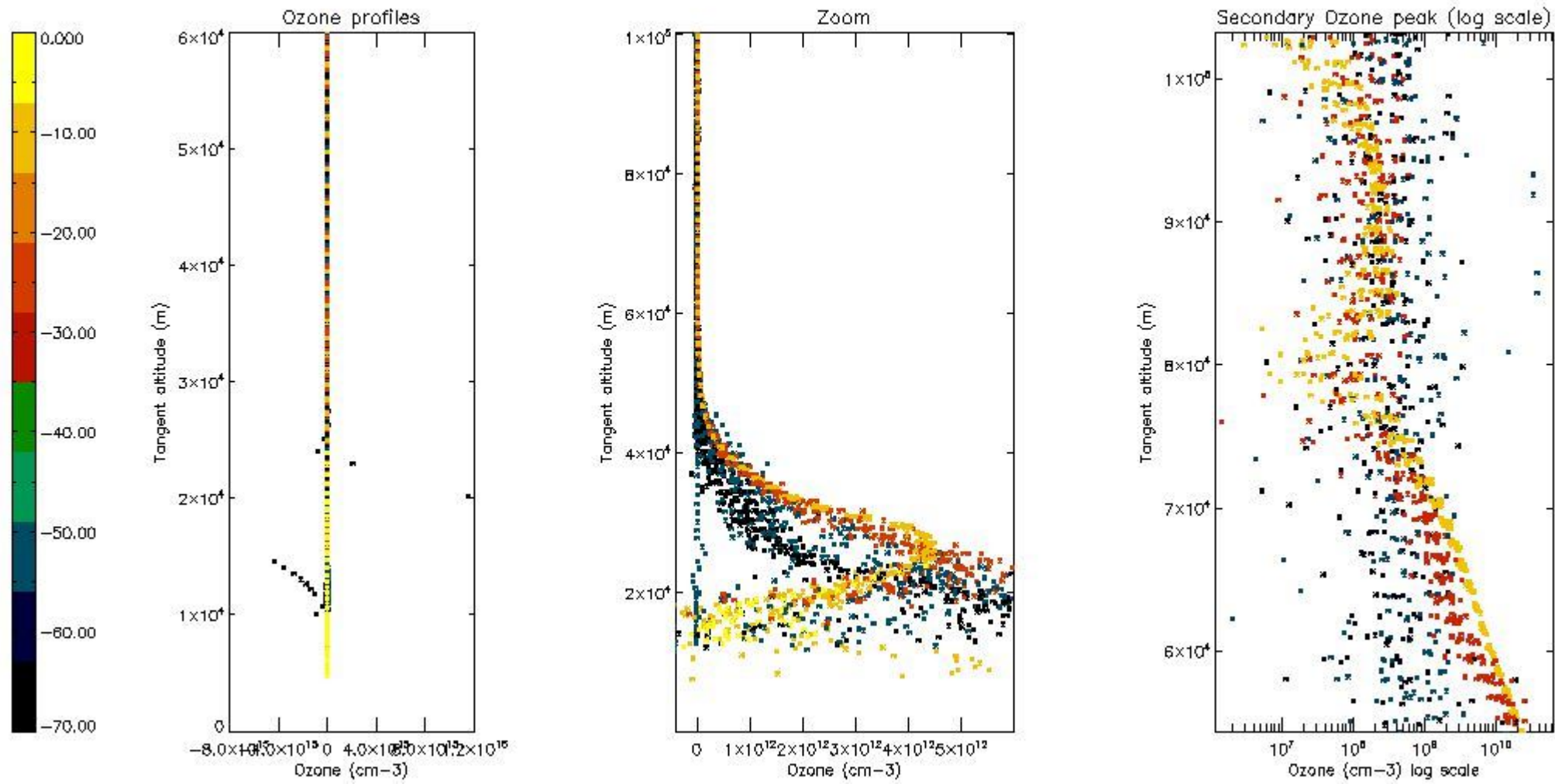
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	22
STD < 20	8

STD < 10	5
STD < 5	3

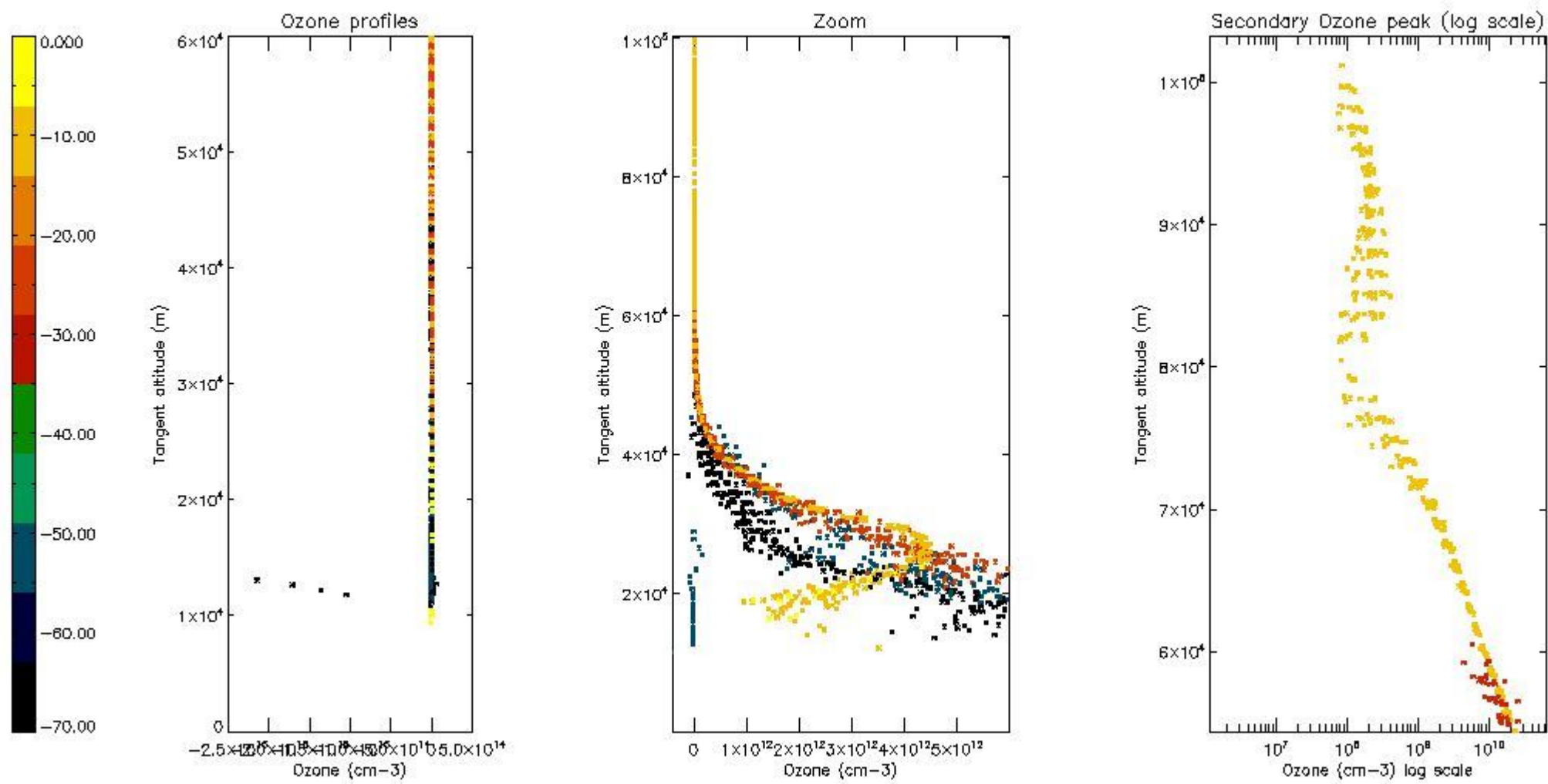
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



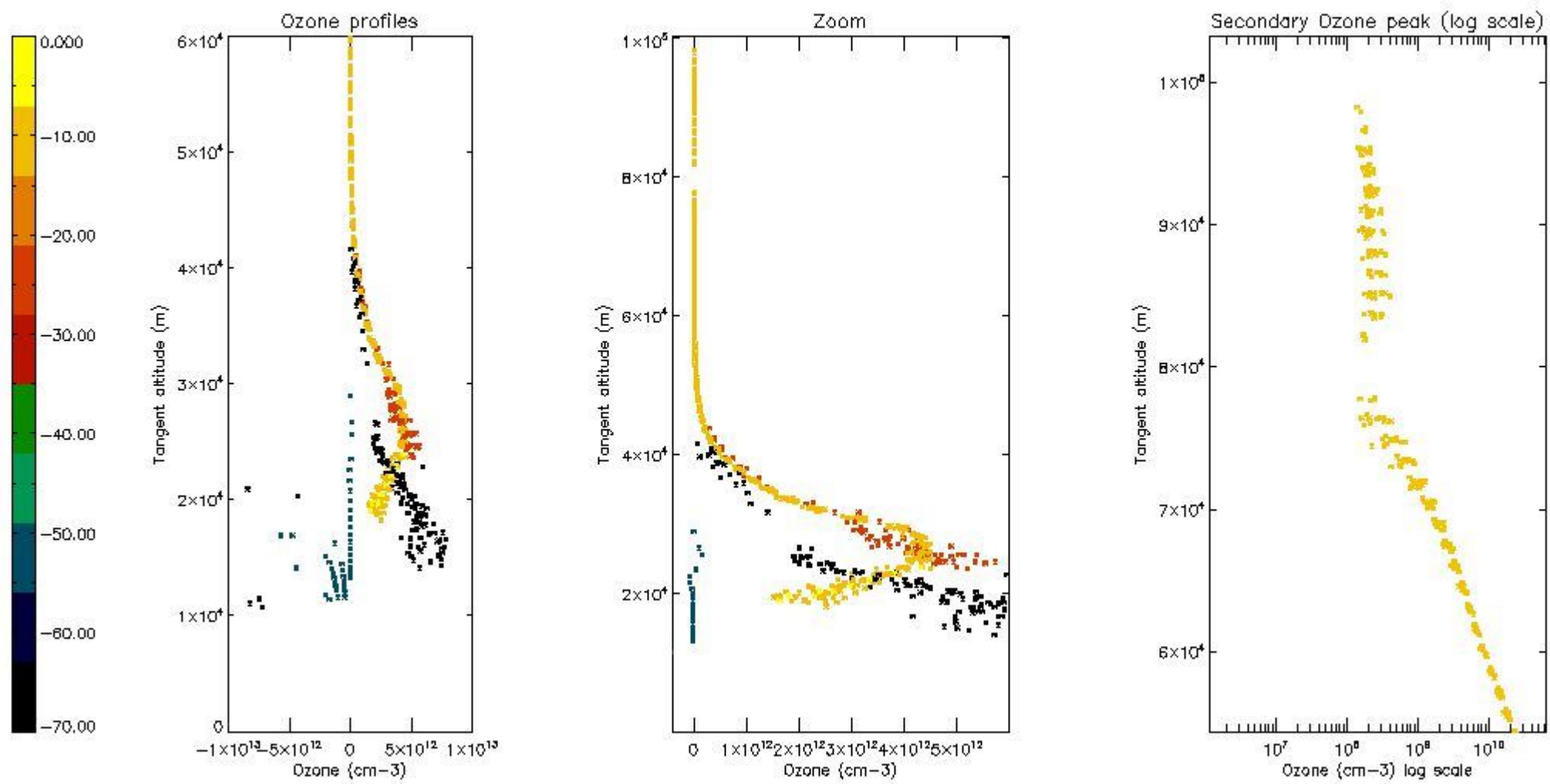
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



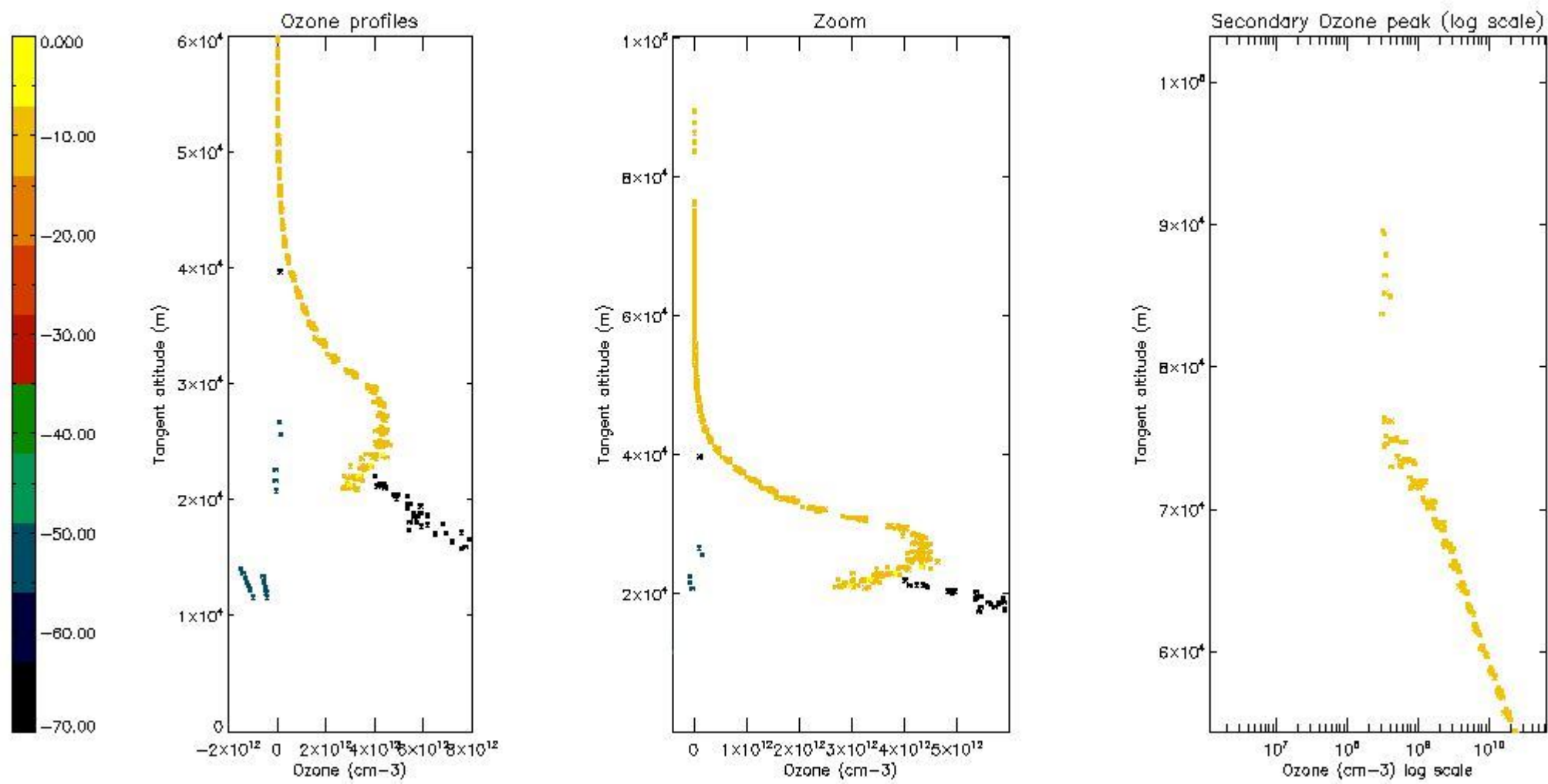
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



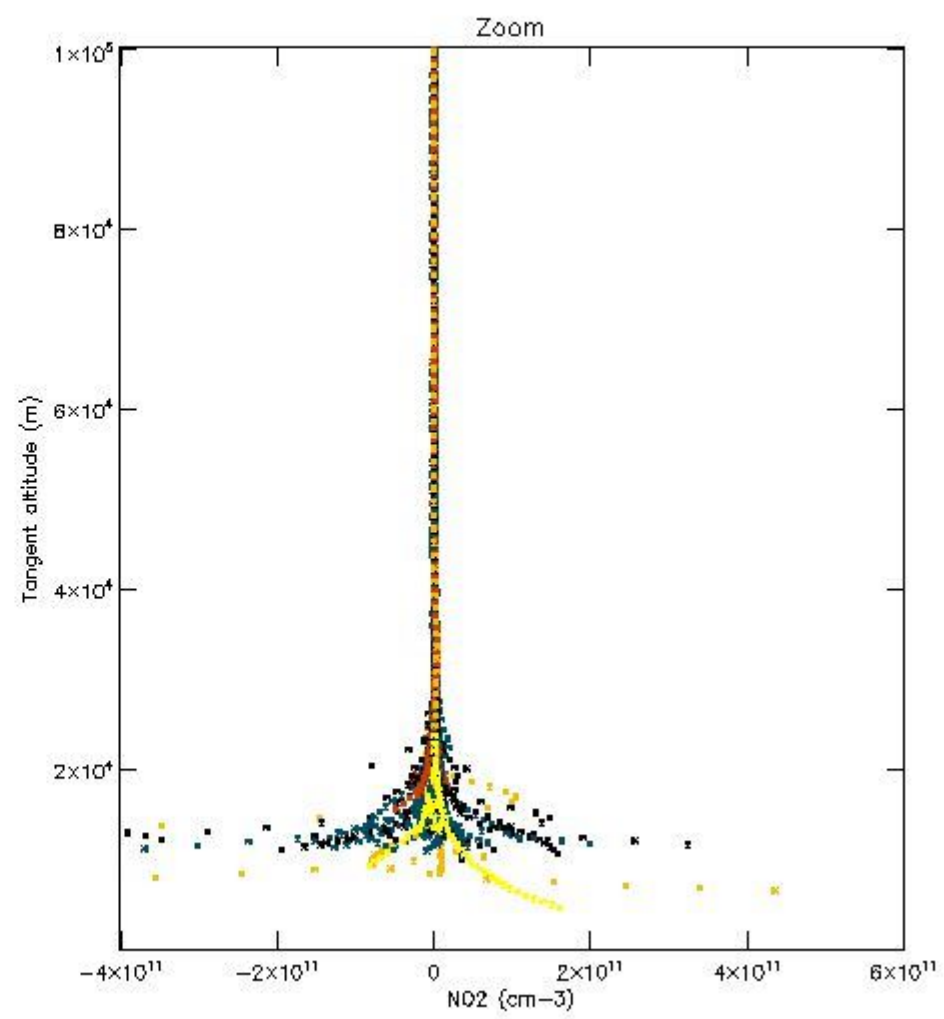
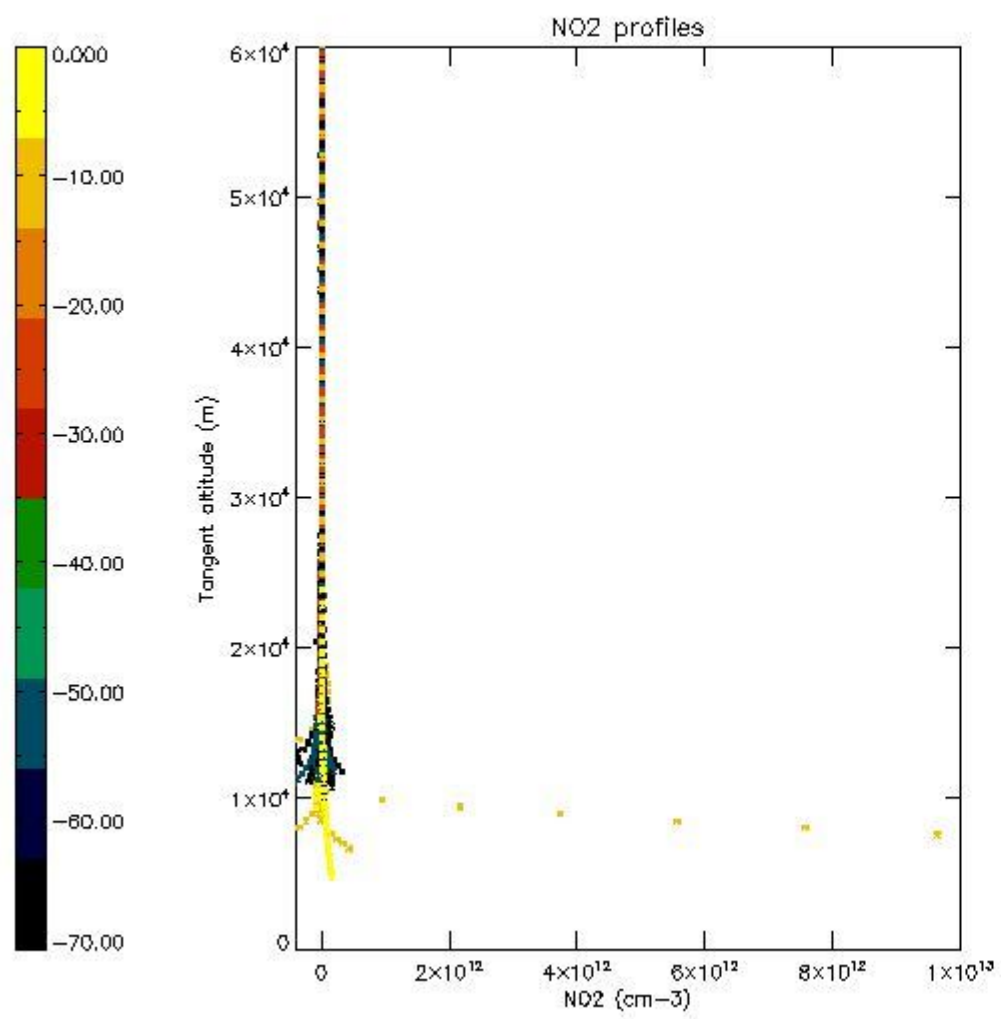
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



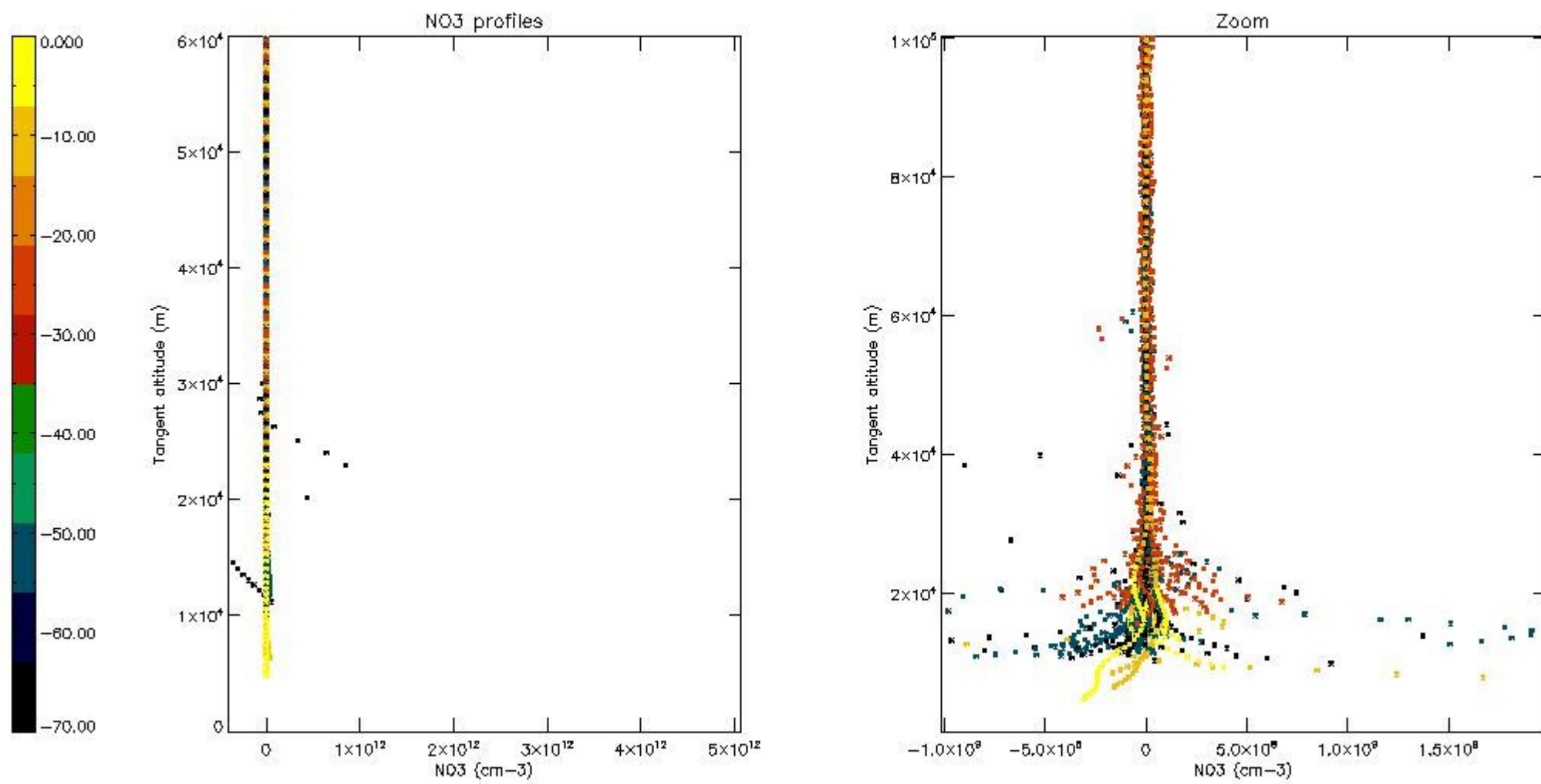
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



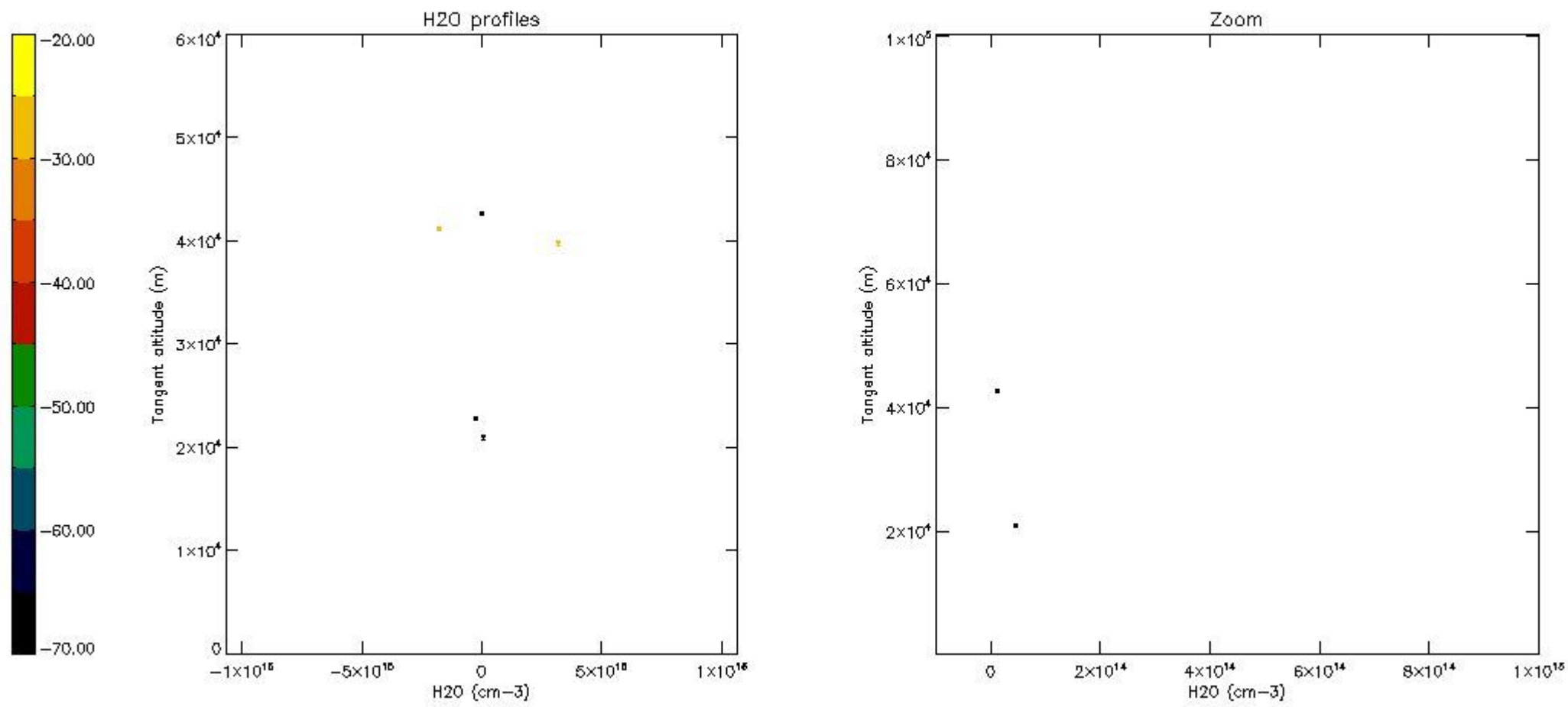
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

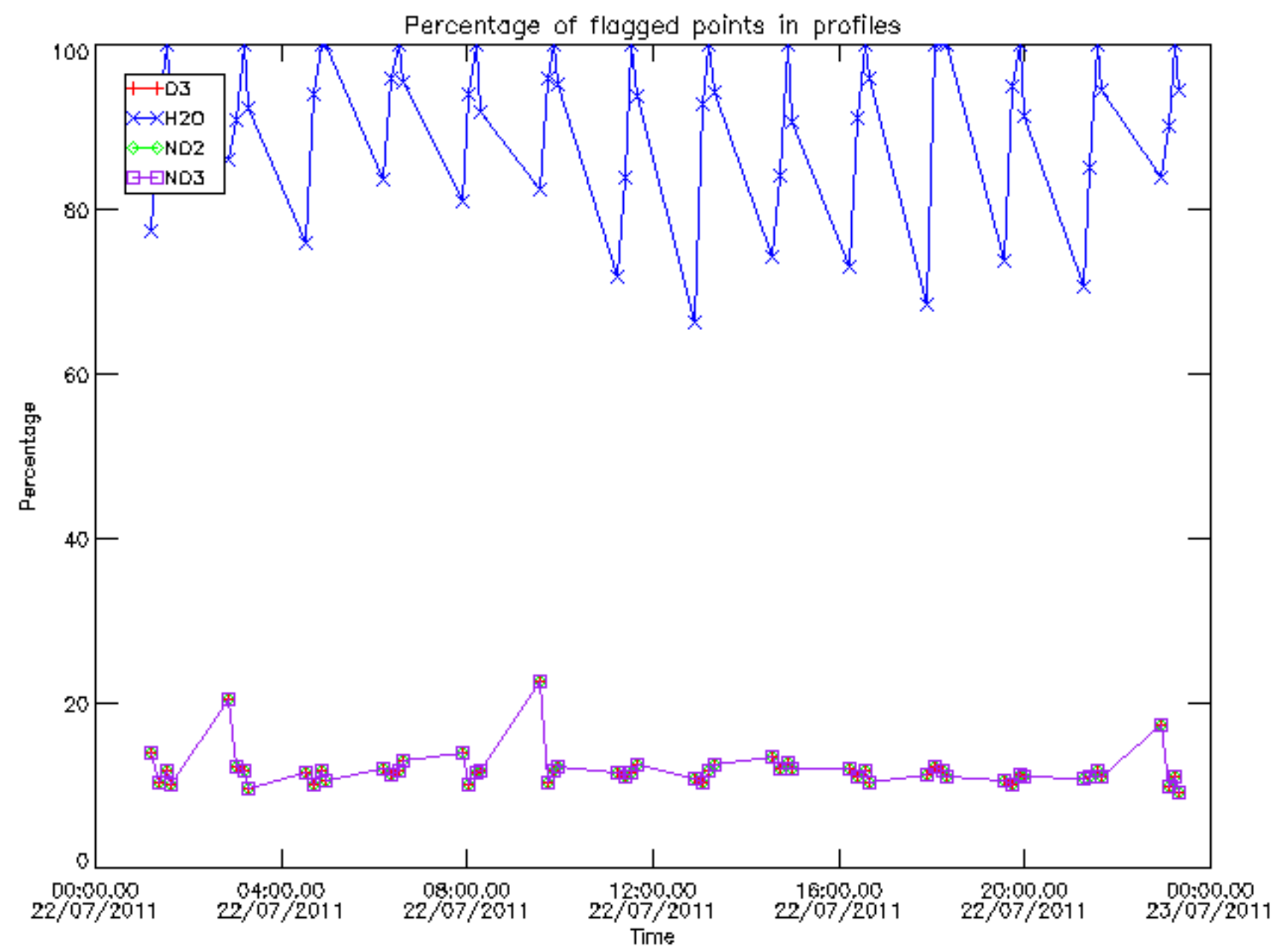
The colorbar represents the latitude.



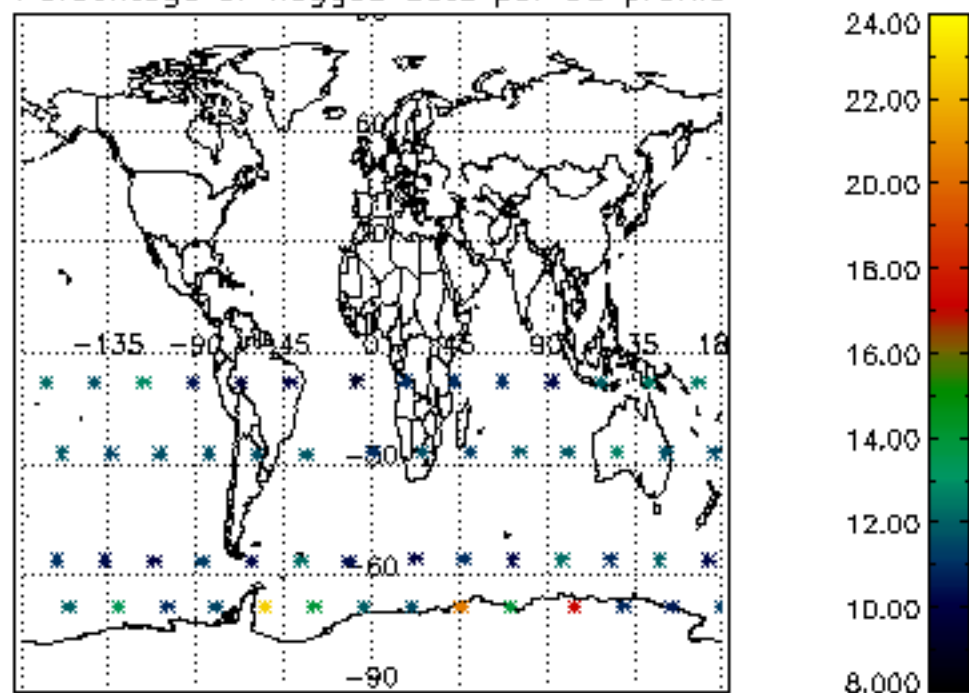
6. Auxiliary Data Files used for the production reported in section 2

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

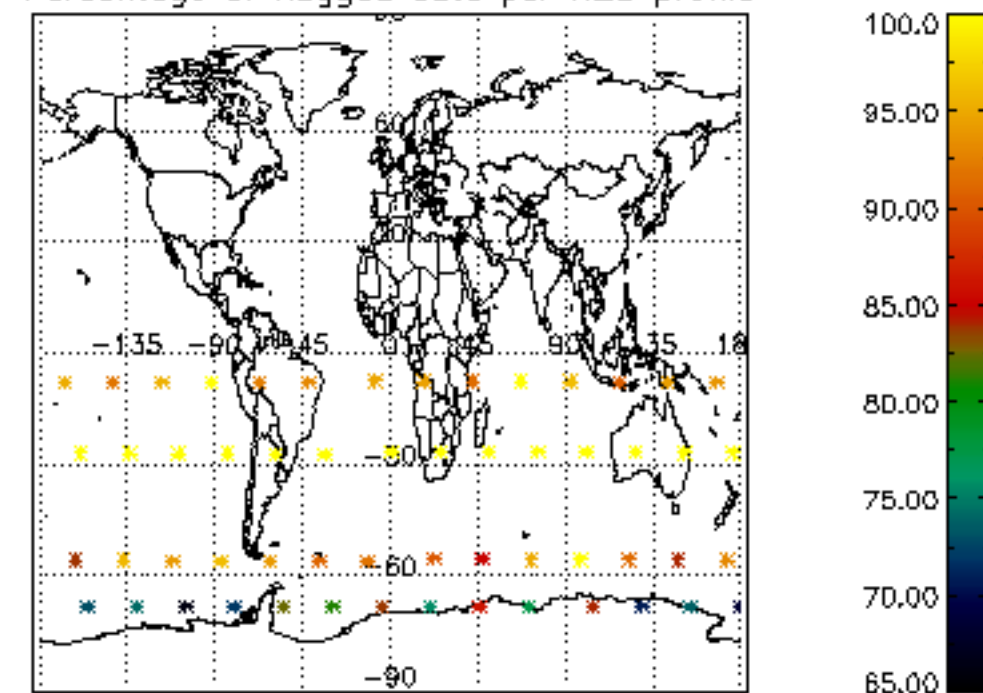
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	22-JUL-2011 00:00:33
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	22-JUL-2011 00:00:33
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	22-JUL-2011 00:00:33



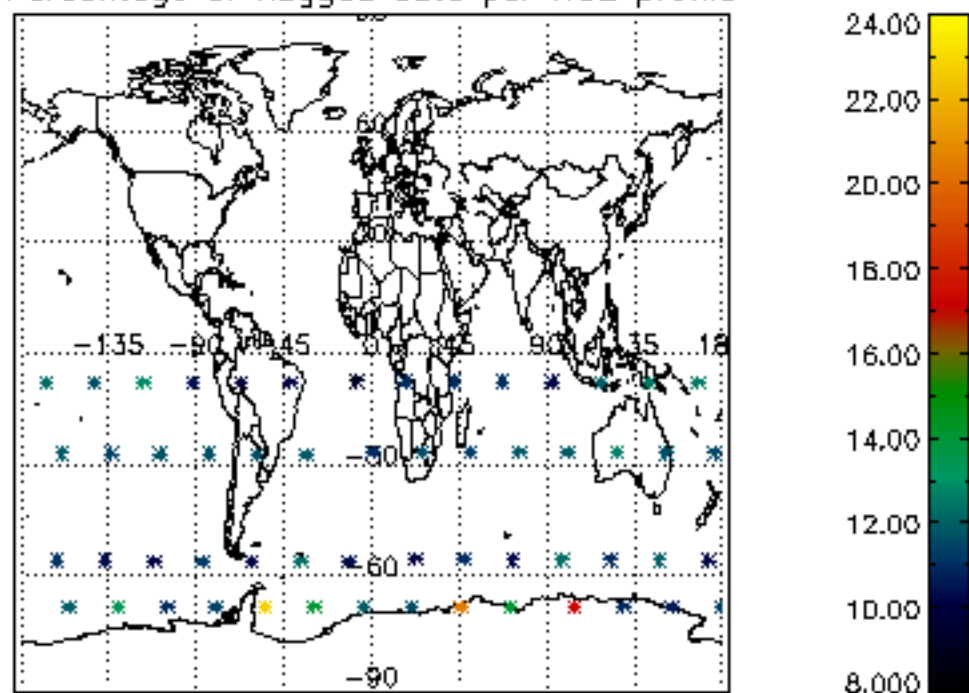
Percentage of flagged data per D3 profile



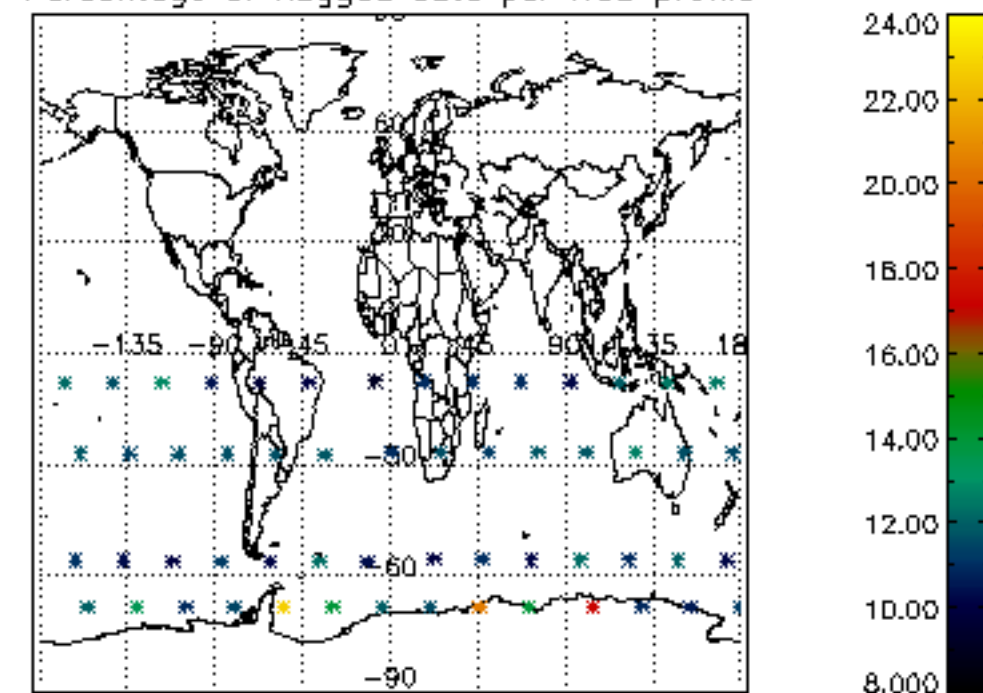
Percentage of flagged data per H2O profile

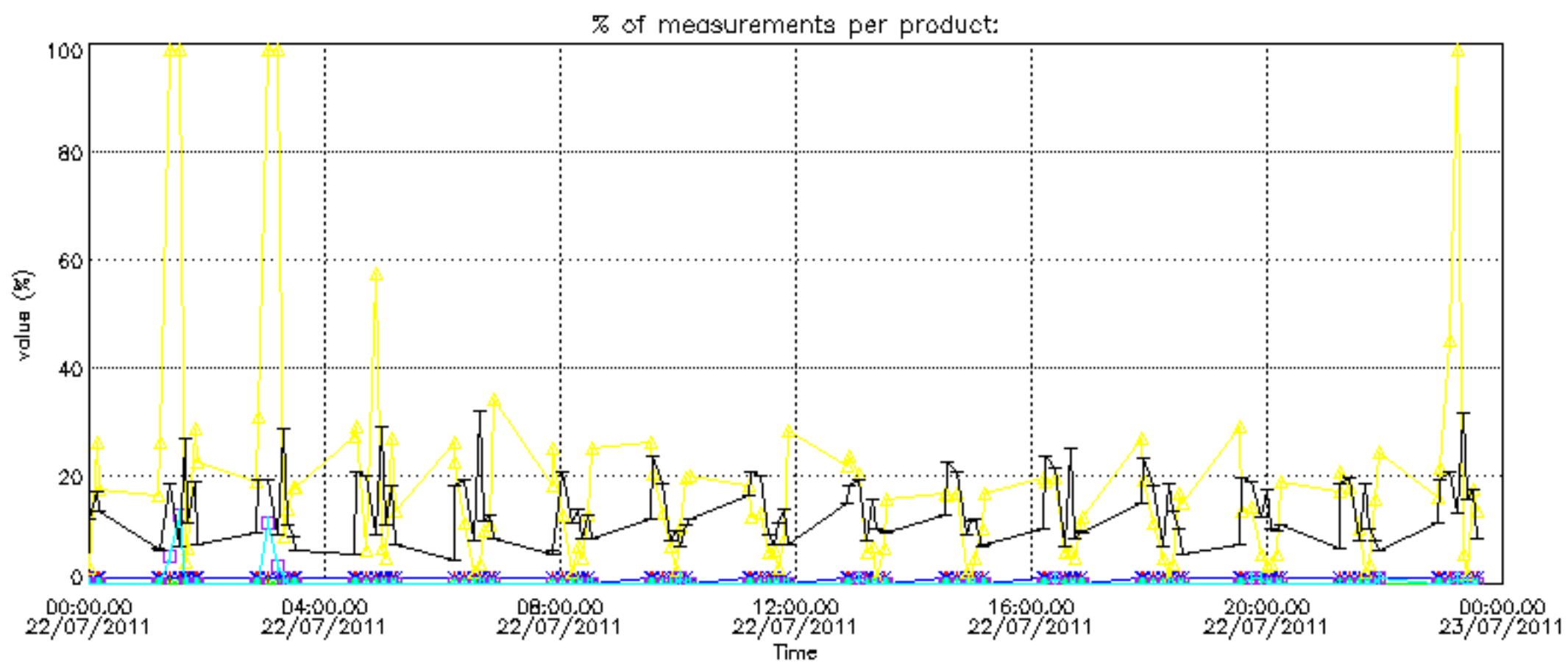


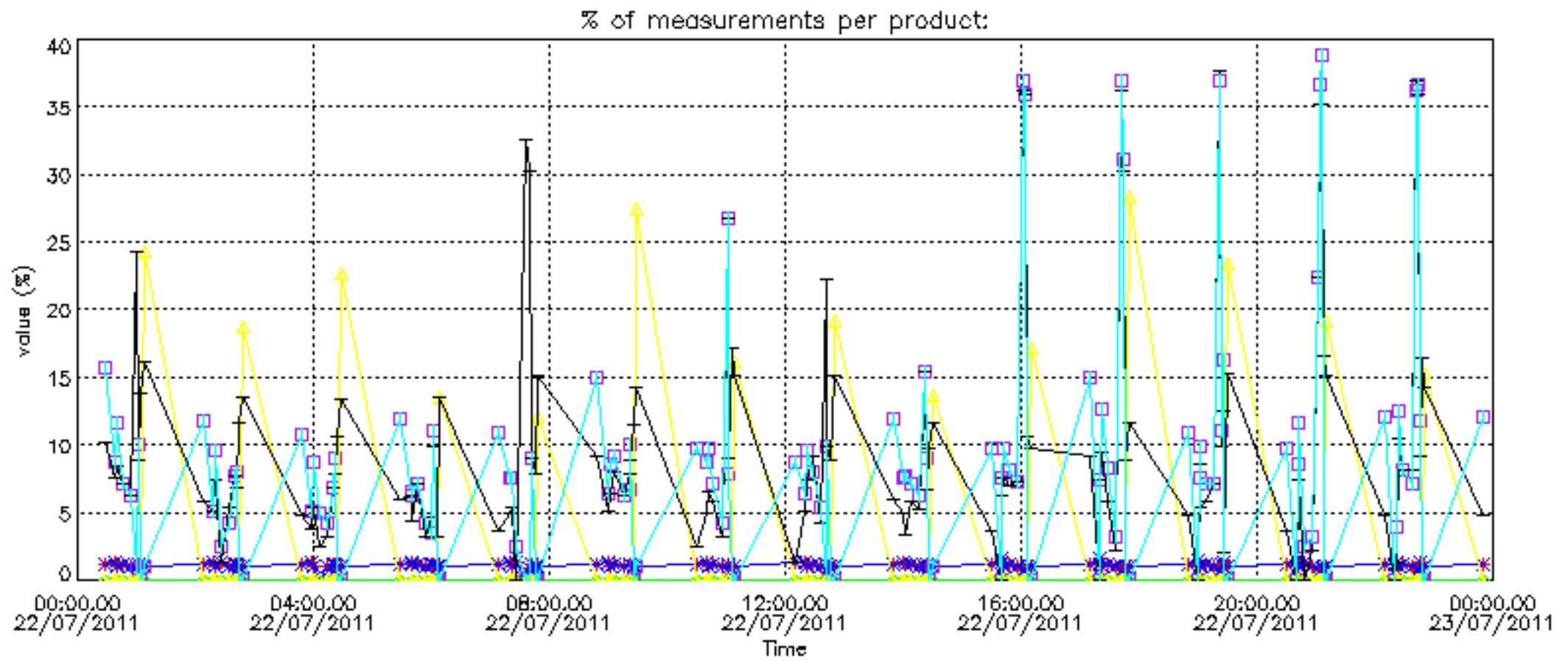
Percentage of flagged data per NO2 profile



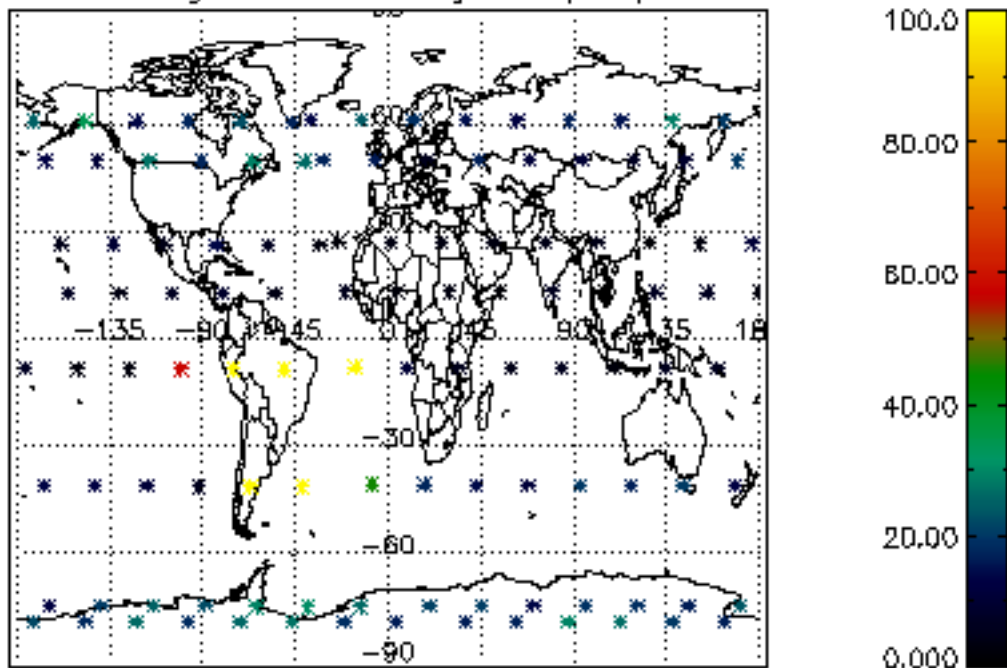
Percentage of flagged data per NO3 profile



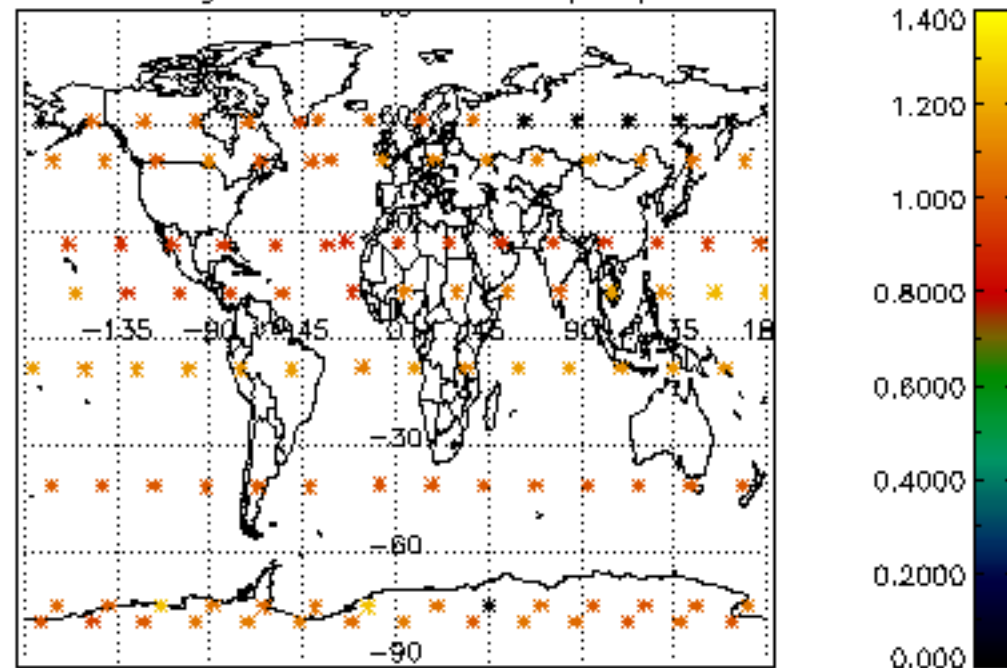




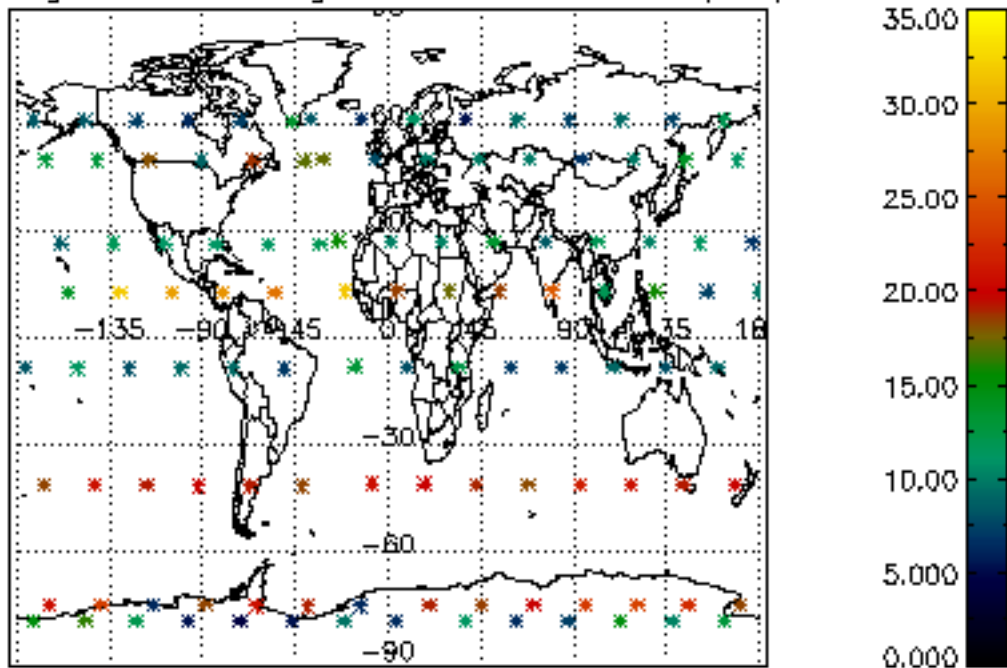
Percentage of cosmic ray hits per profile



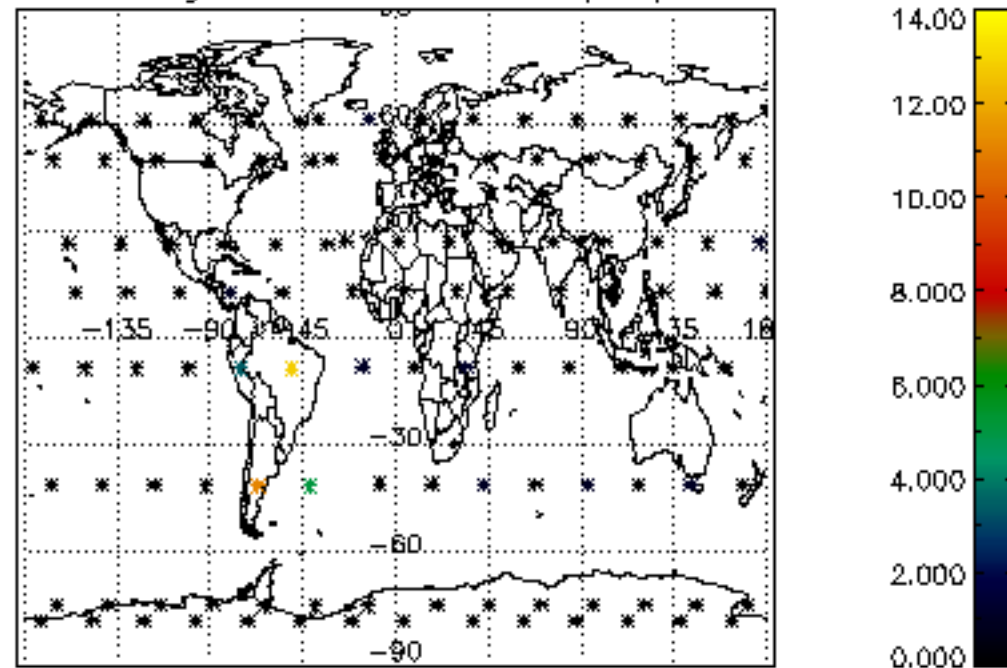
Percentage of datation errors per profile



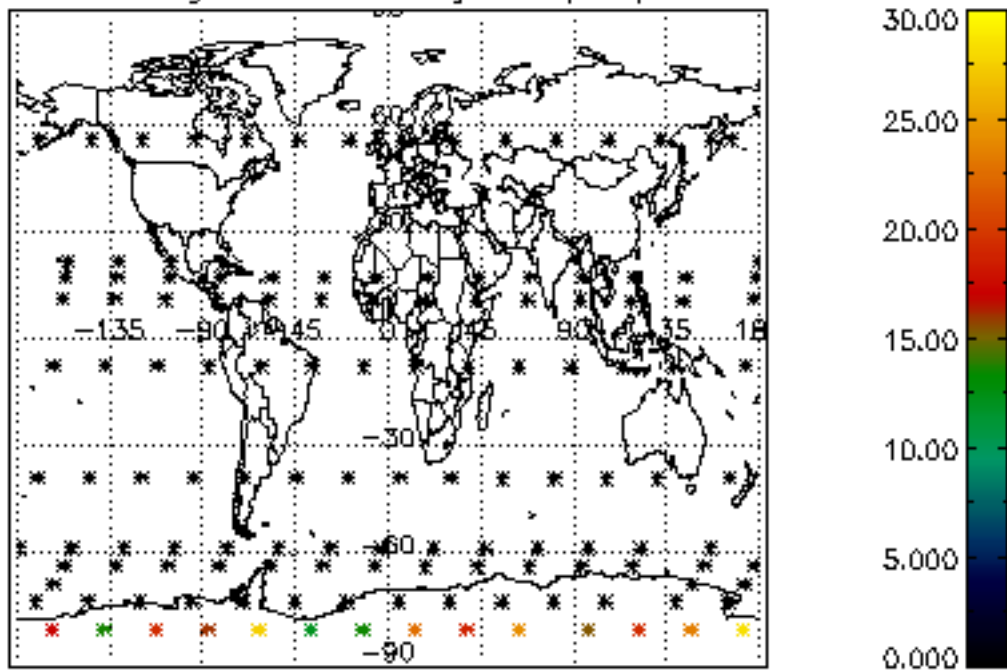
Percentage of star falling outside central band per profile



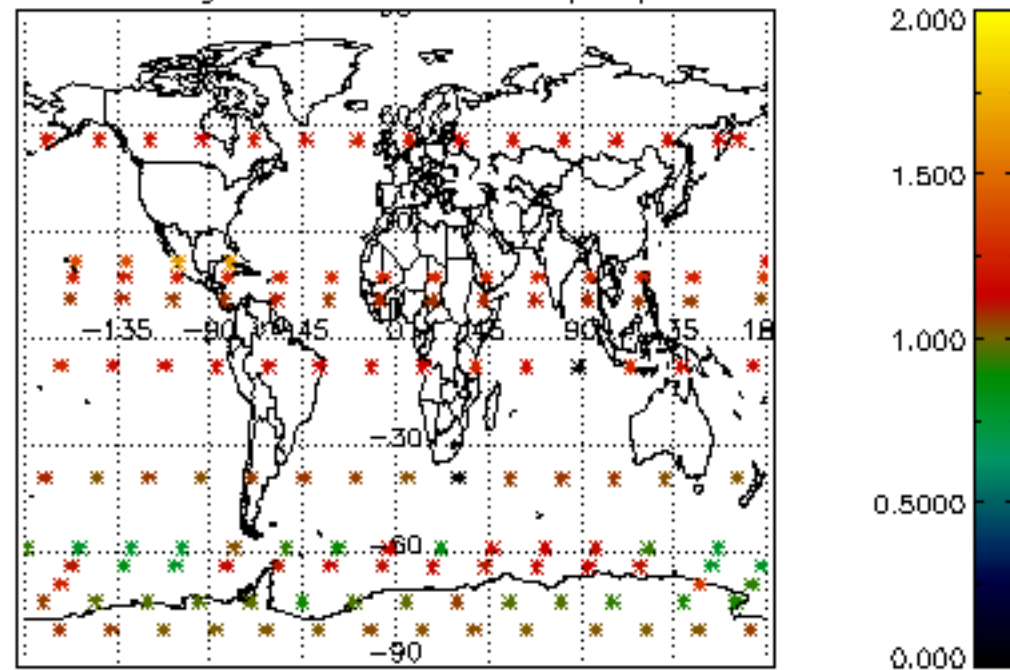
Percentage of saturation errors per profile



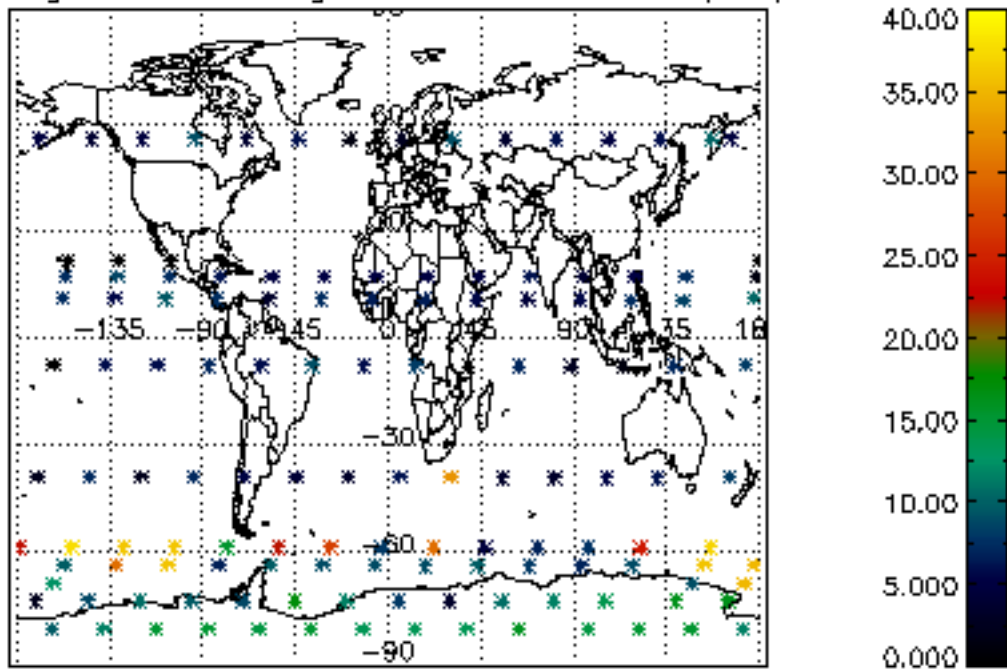
Percentage of cosmic ray hits per profile



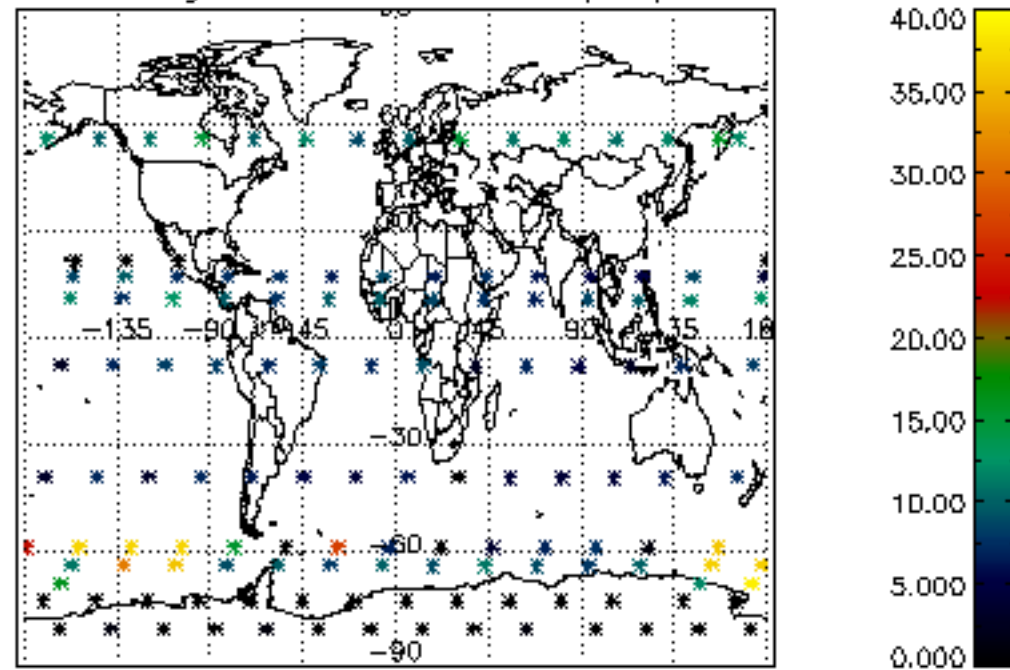
Percentage of datation errors per profile

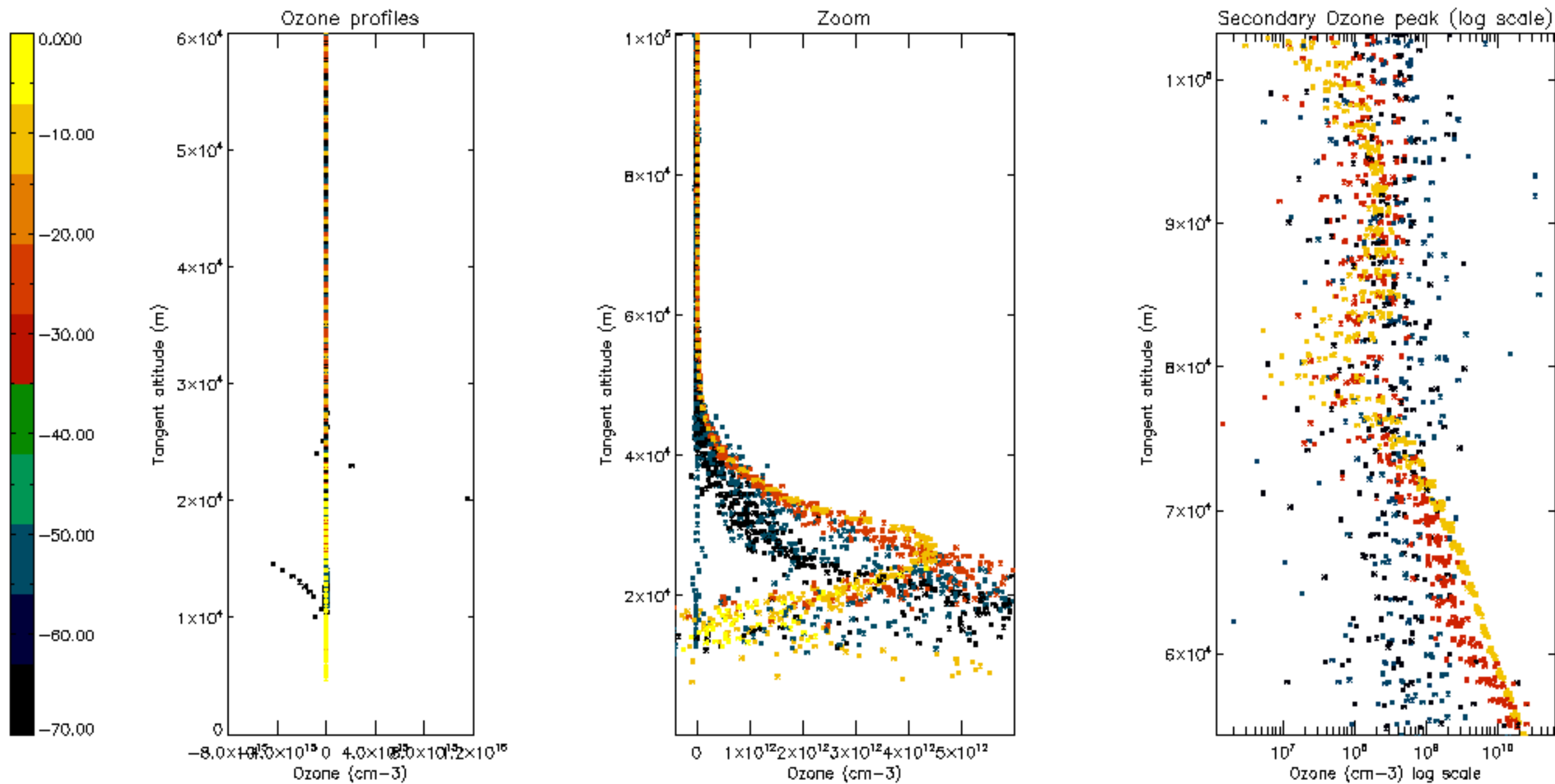


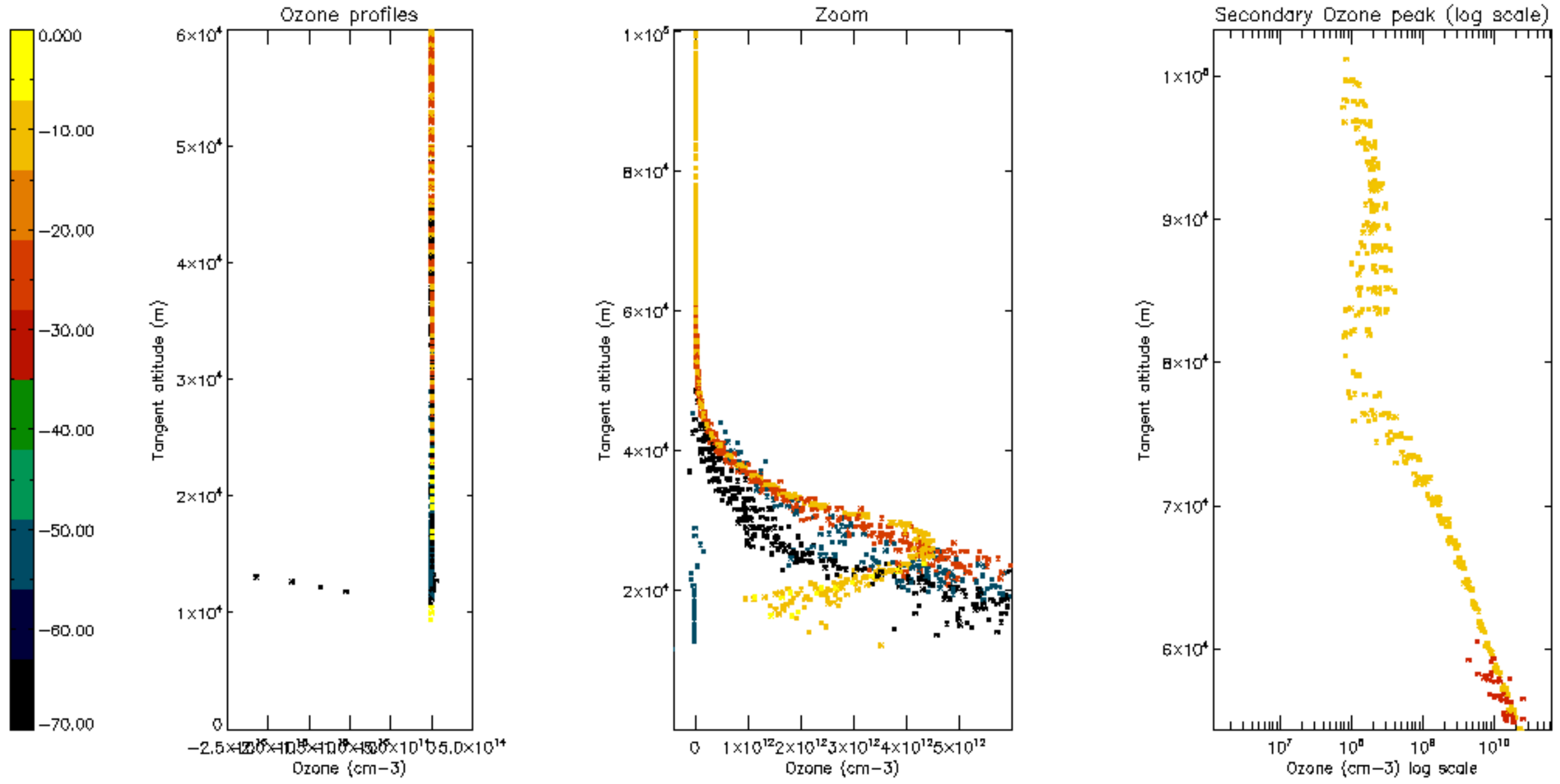
Percentage of star falling outside central band per profile

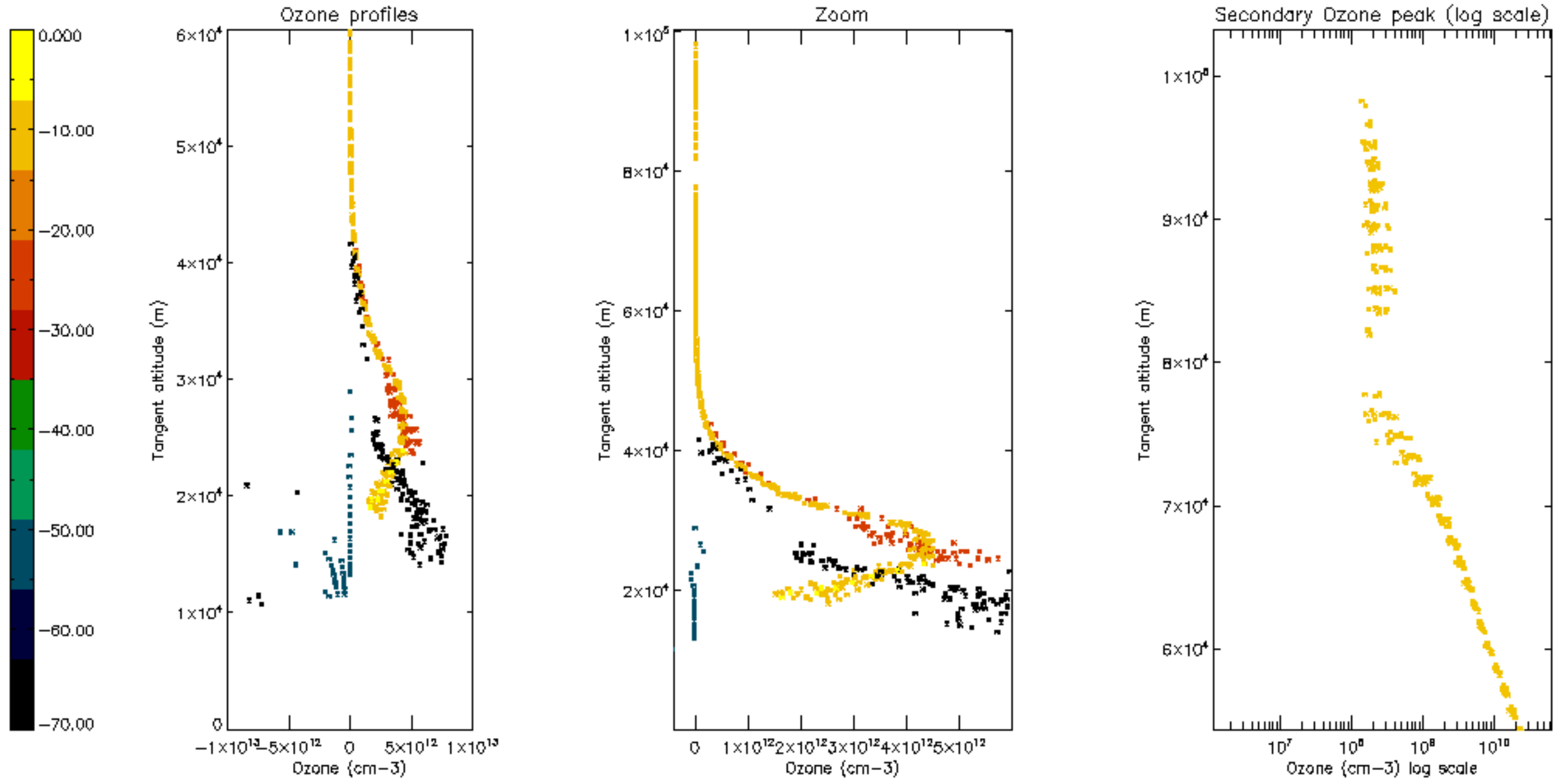


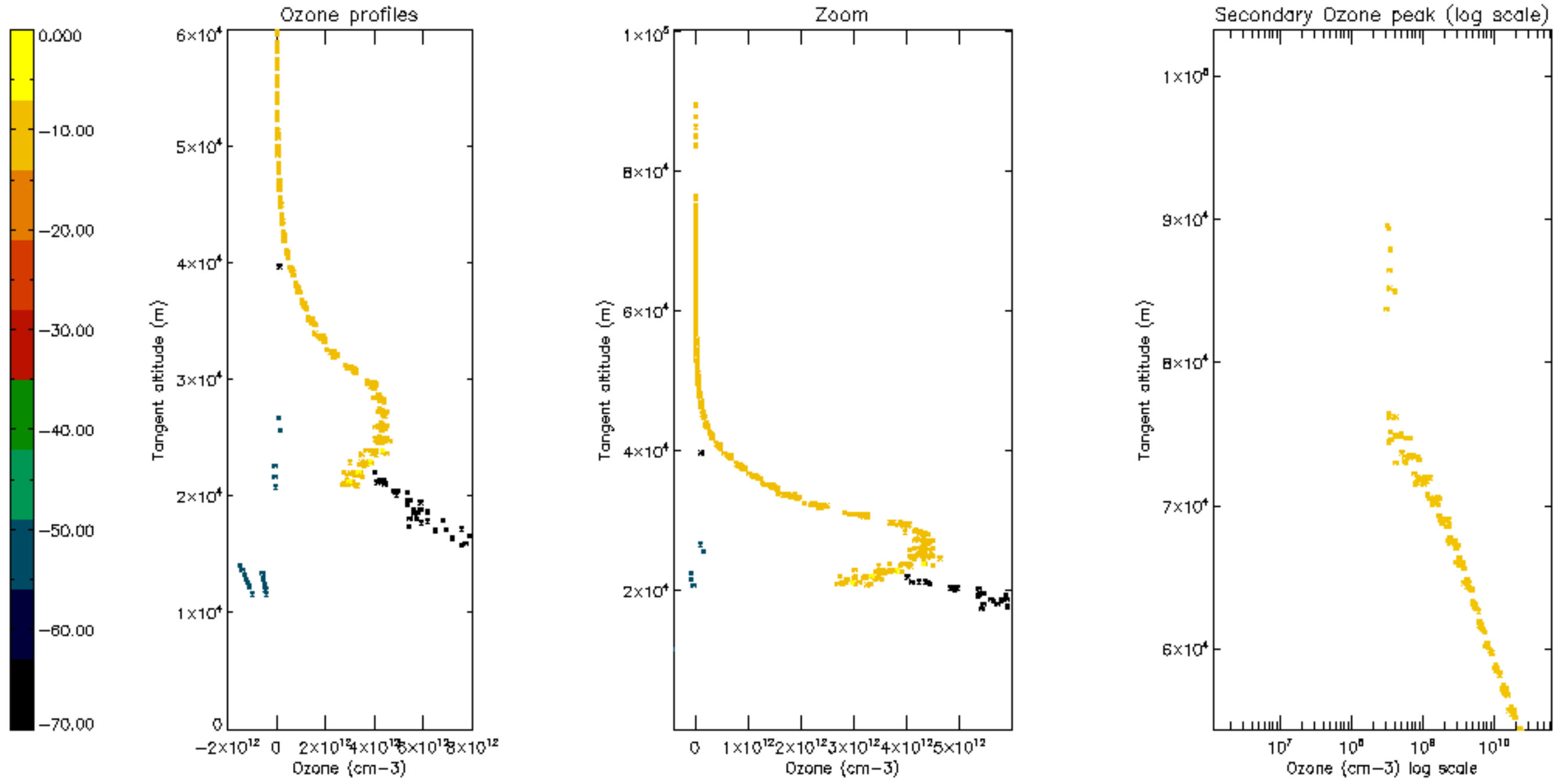
Percentage of saturation errors per profile

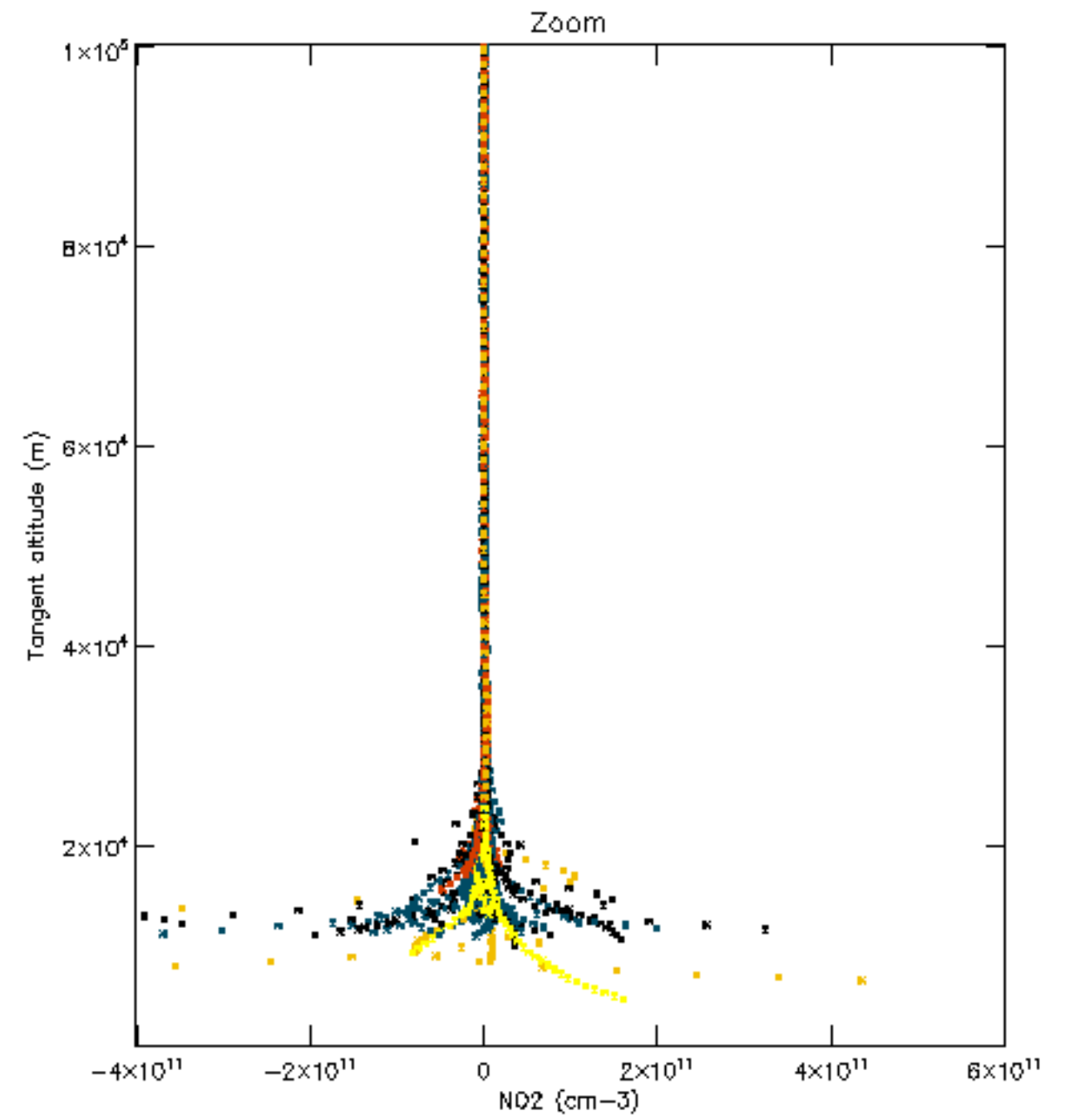
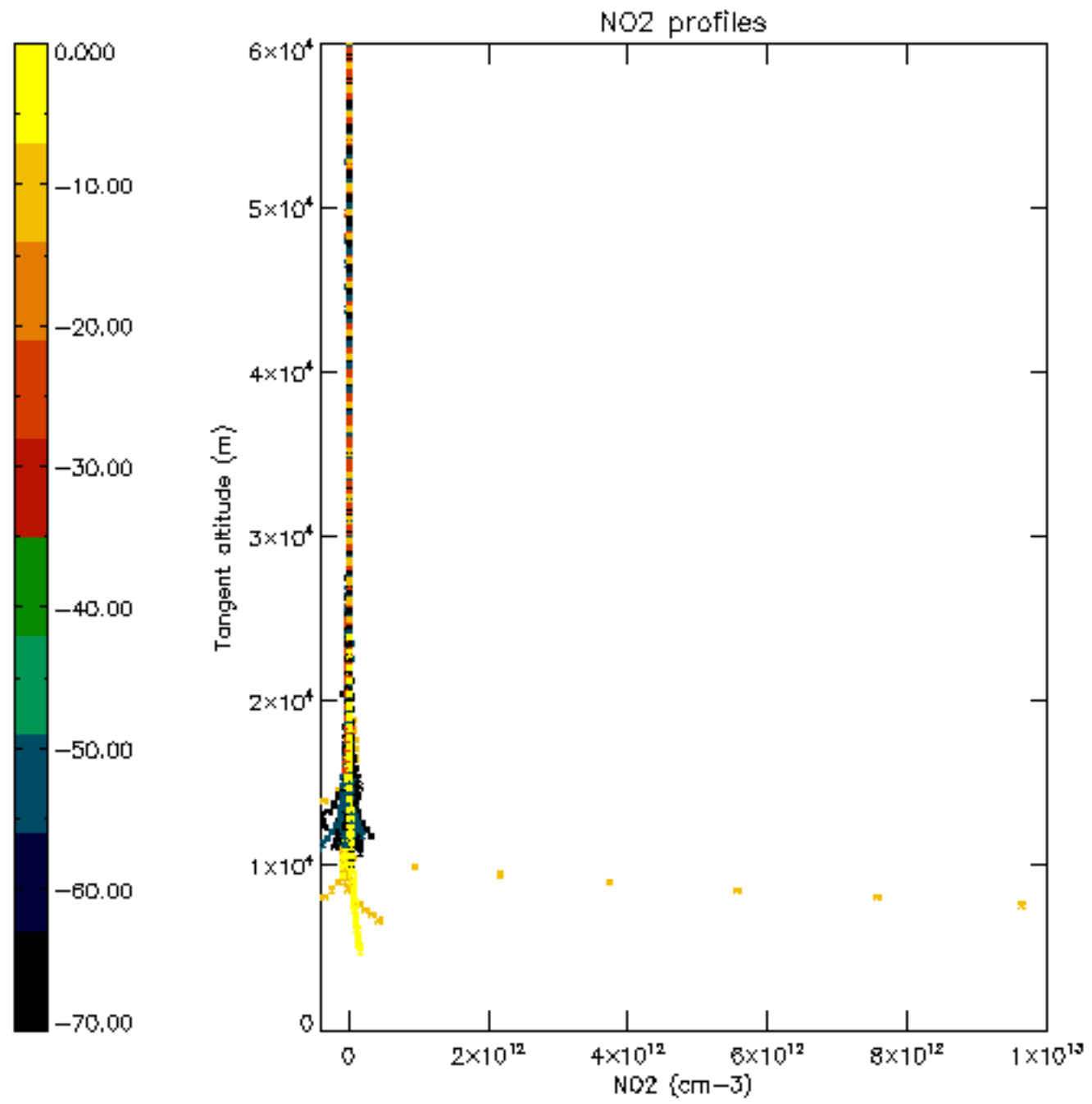


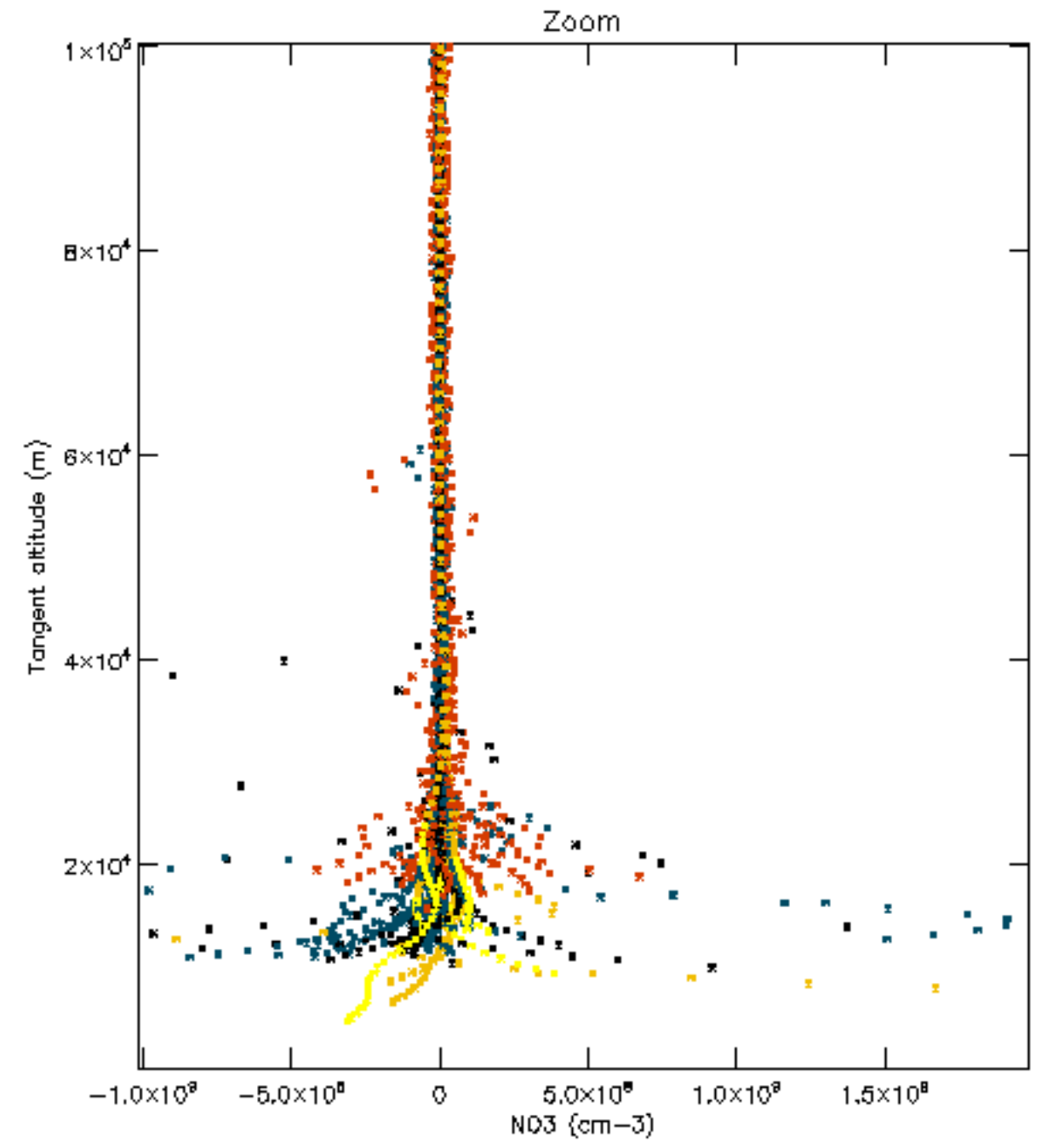
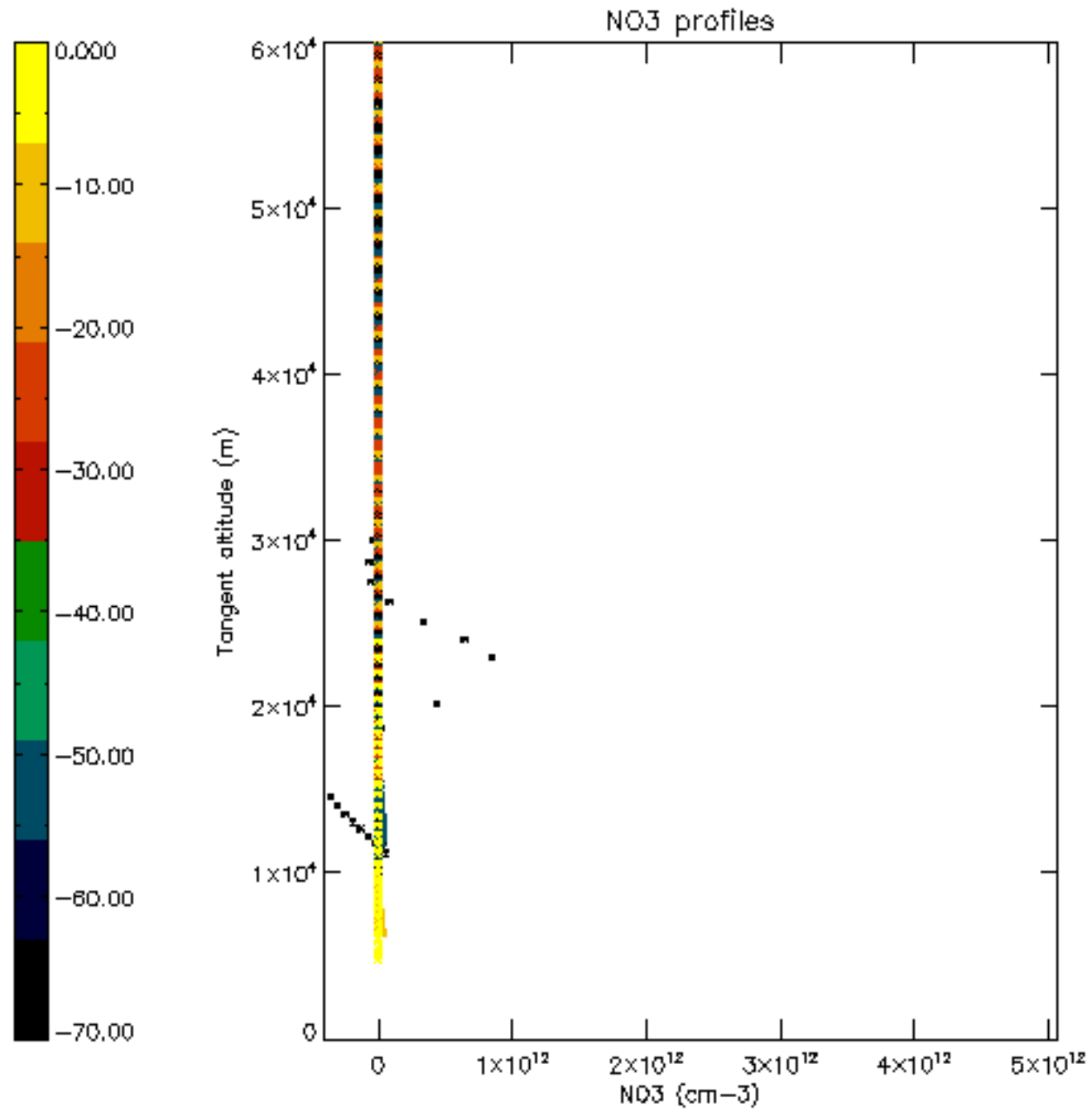


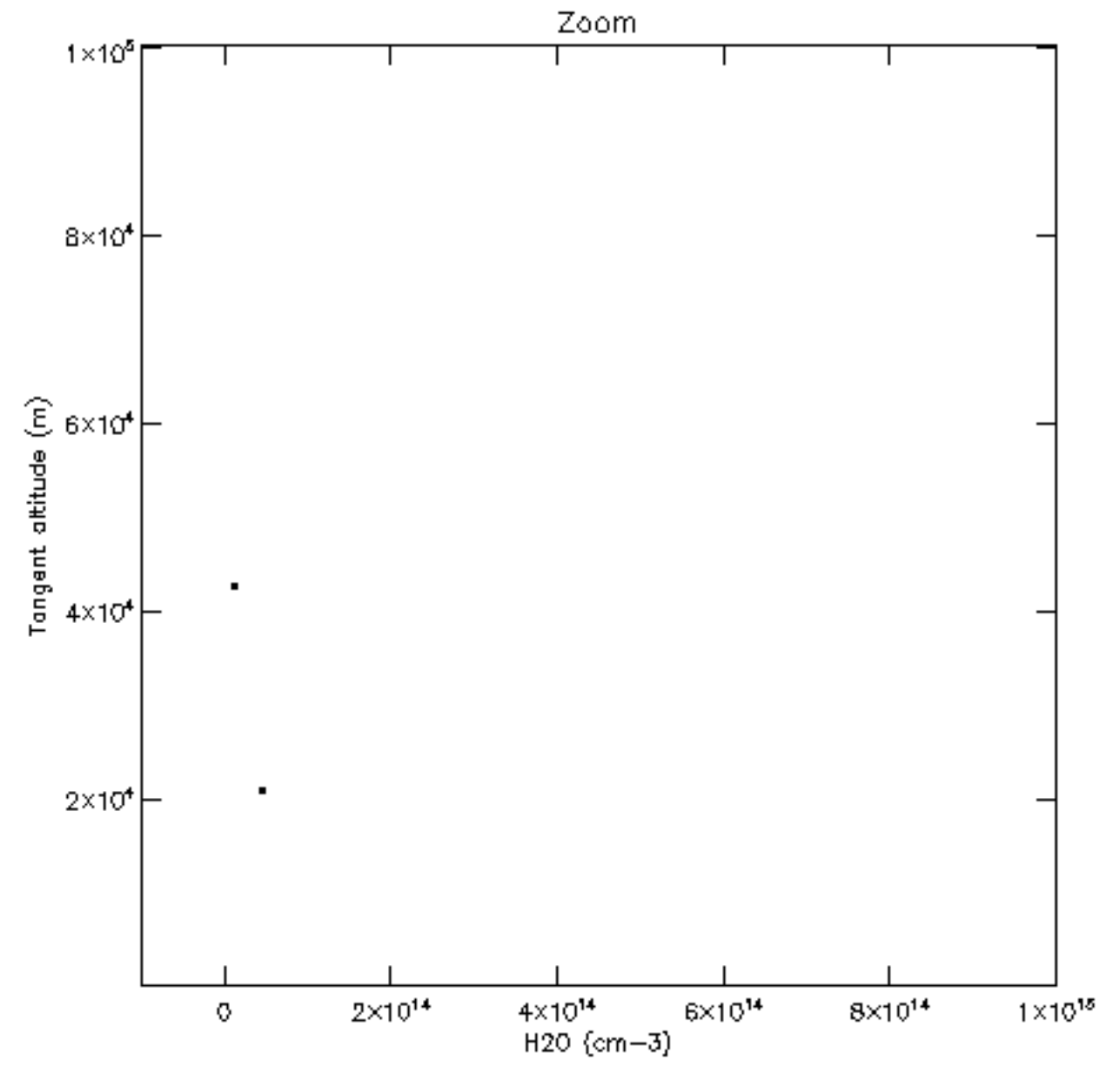
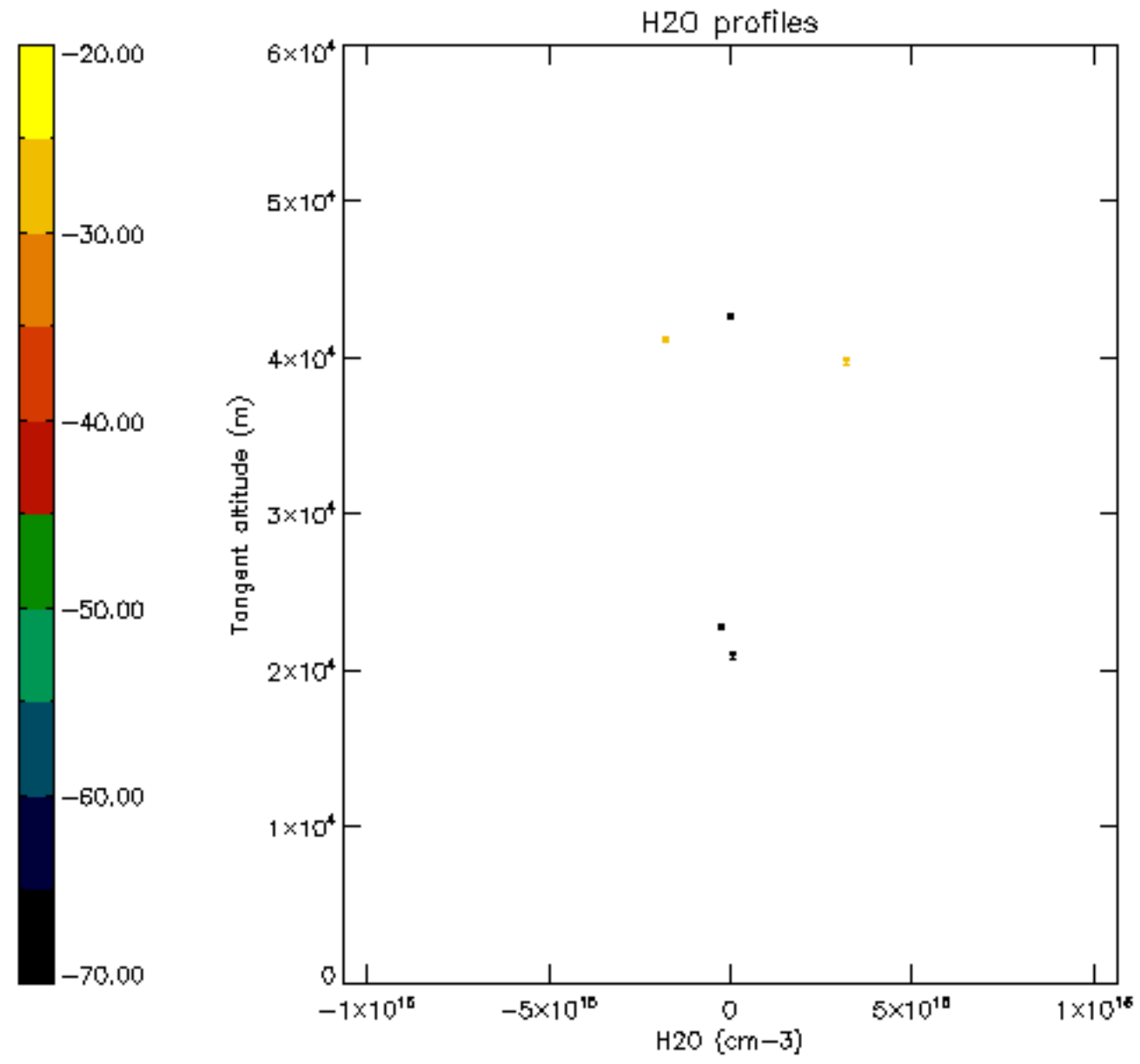


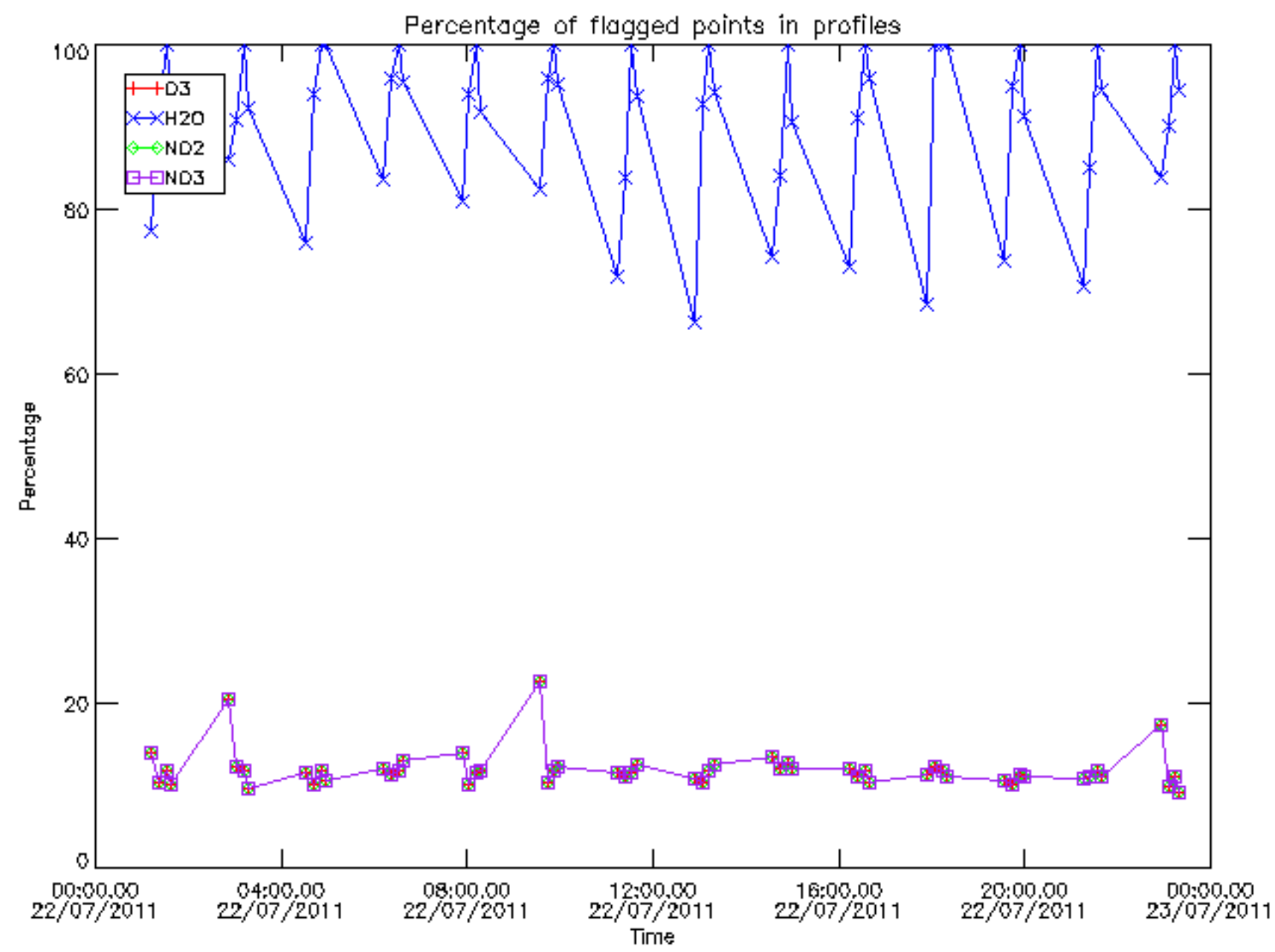




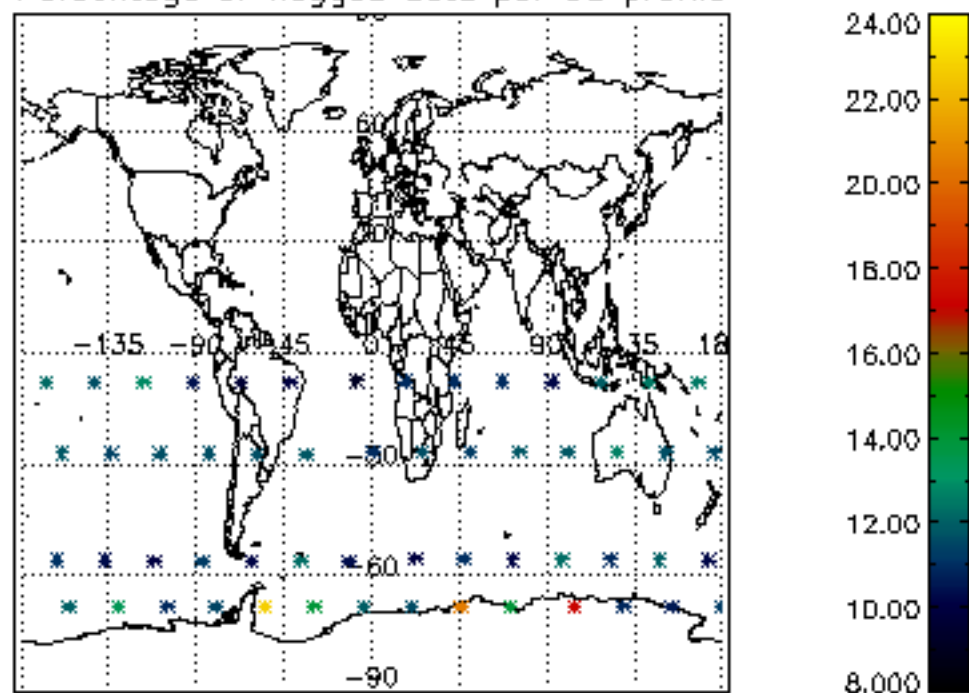




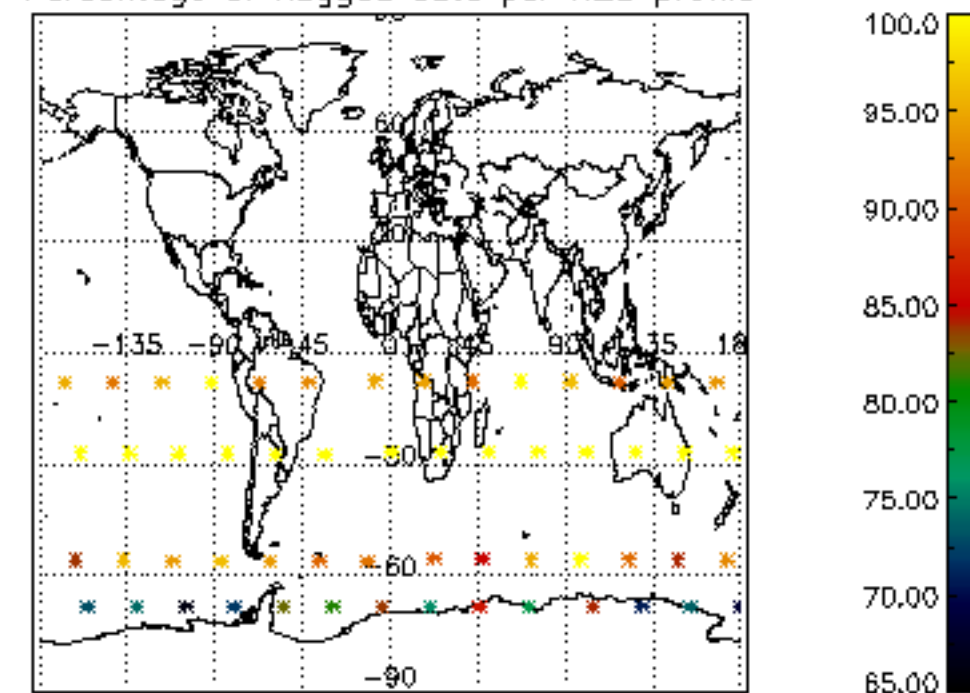




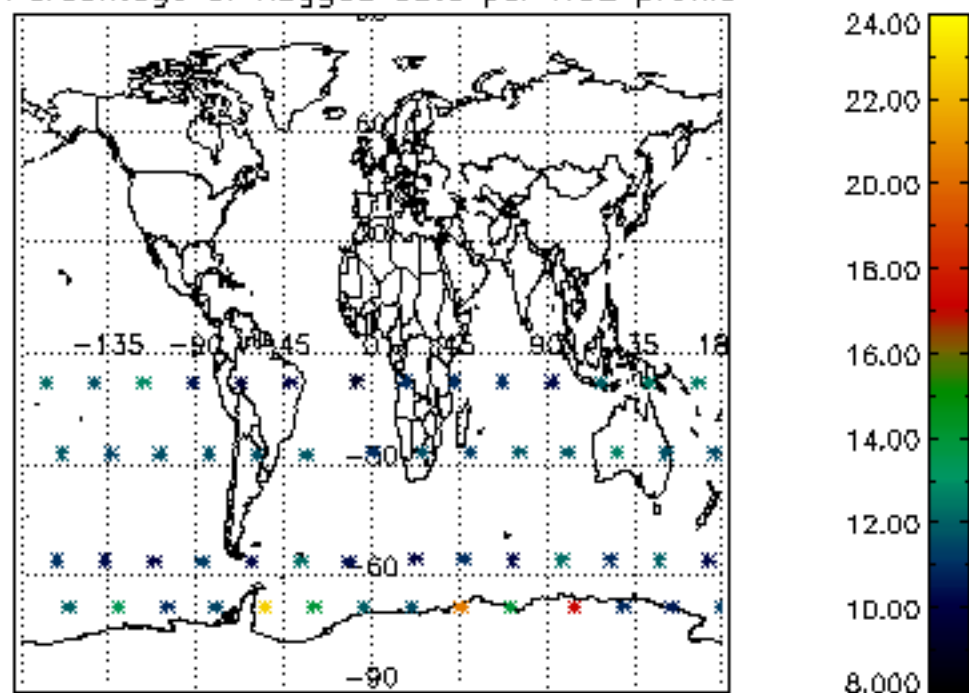
Percentage of flagged data per D3 profile



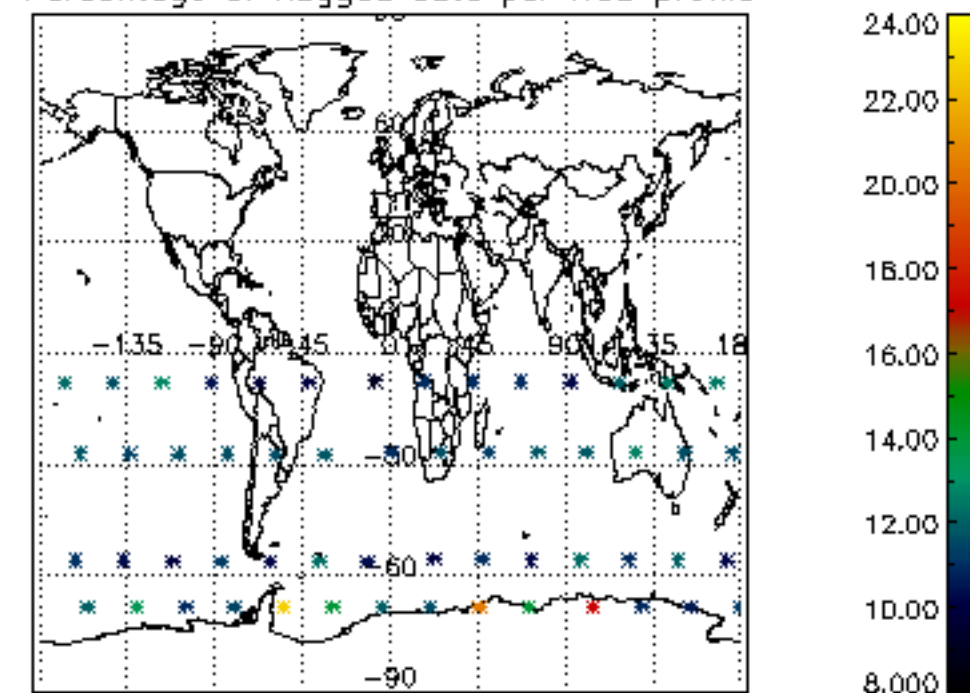
Percentage of flagged data per H2O profile

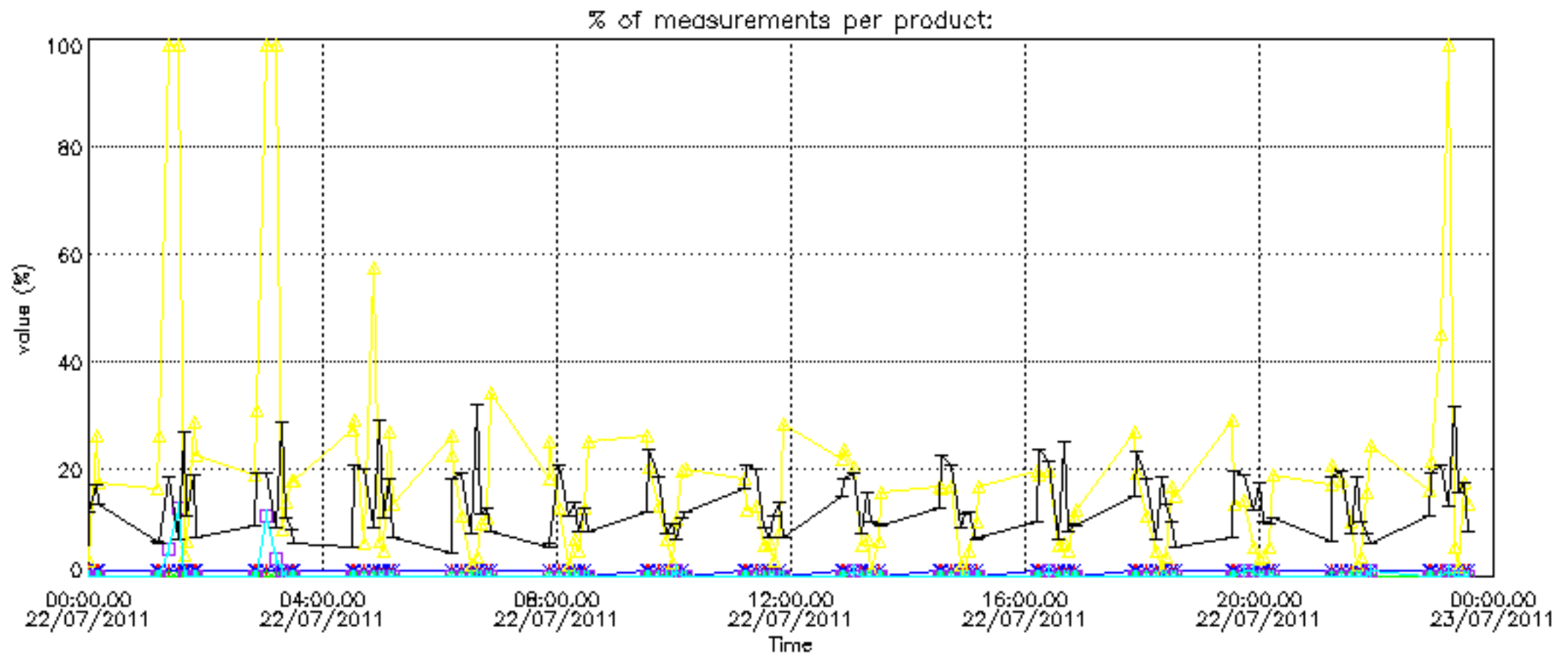


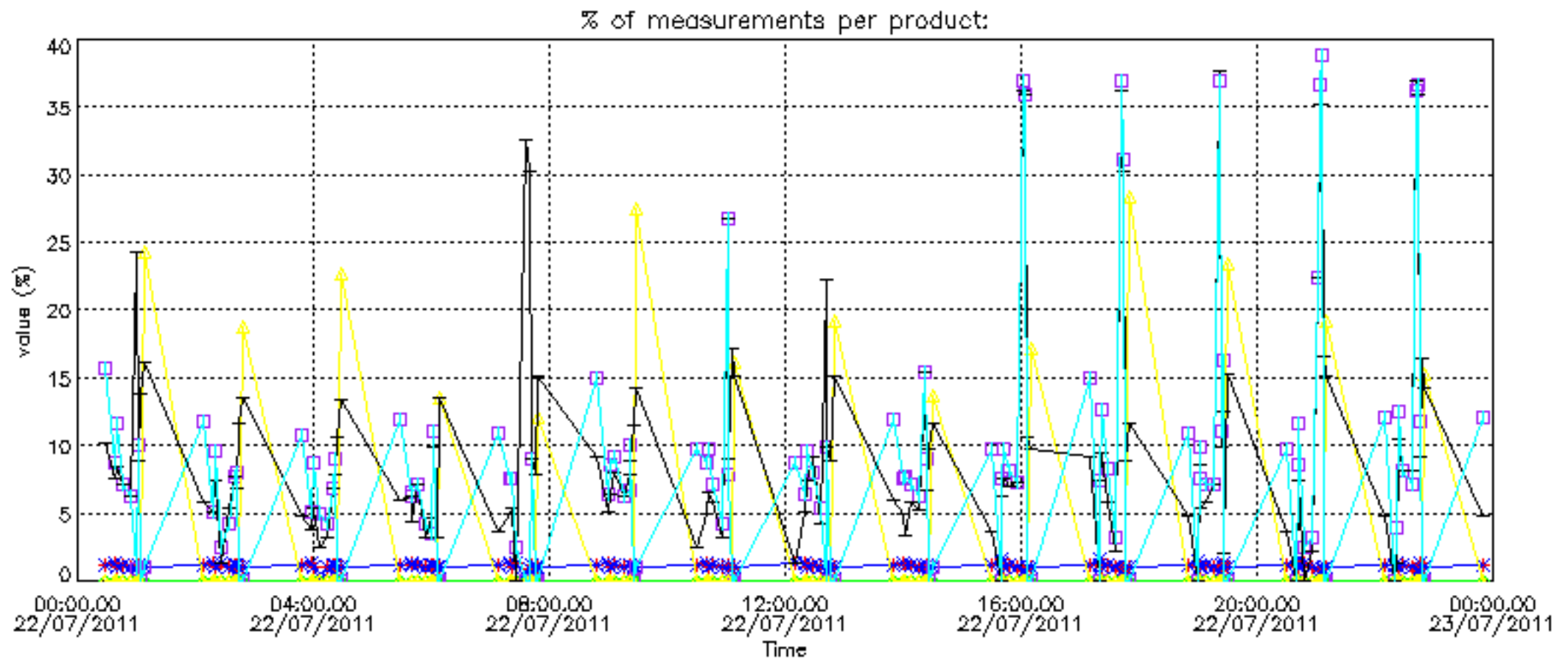
Percentage of flagged data per NO2 profile



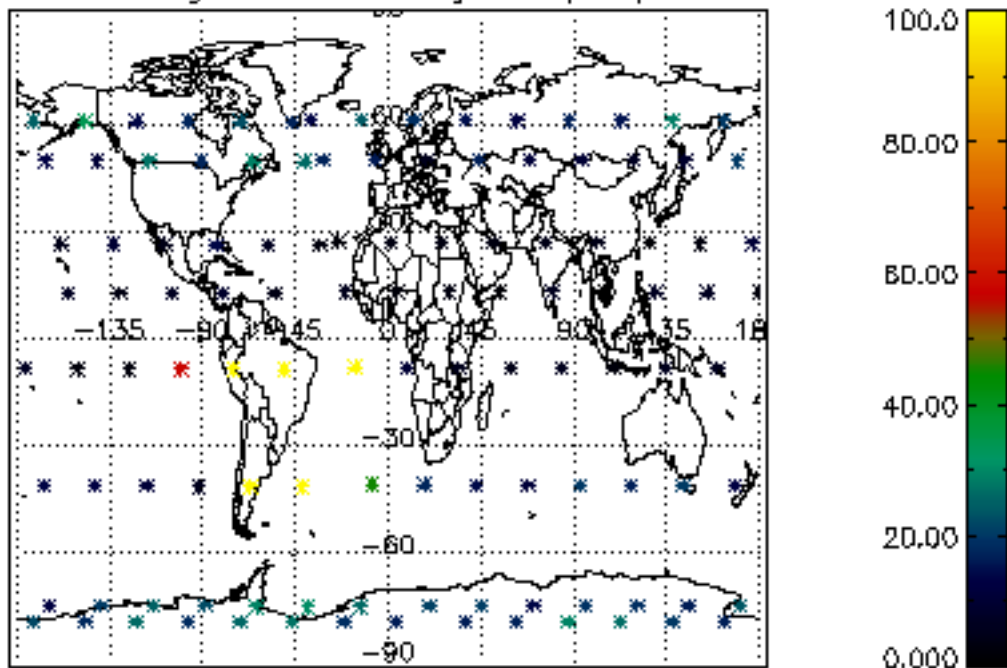
Percentage of flagged data per NO3 profile



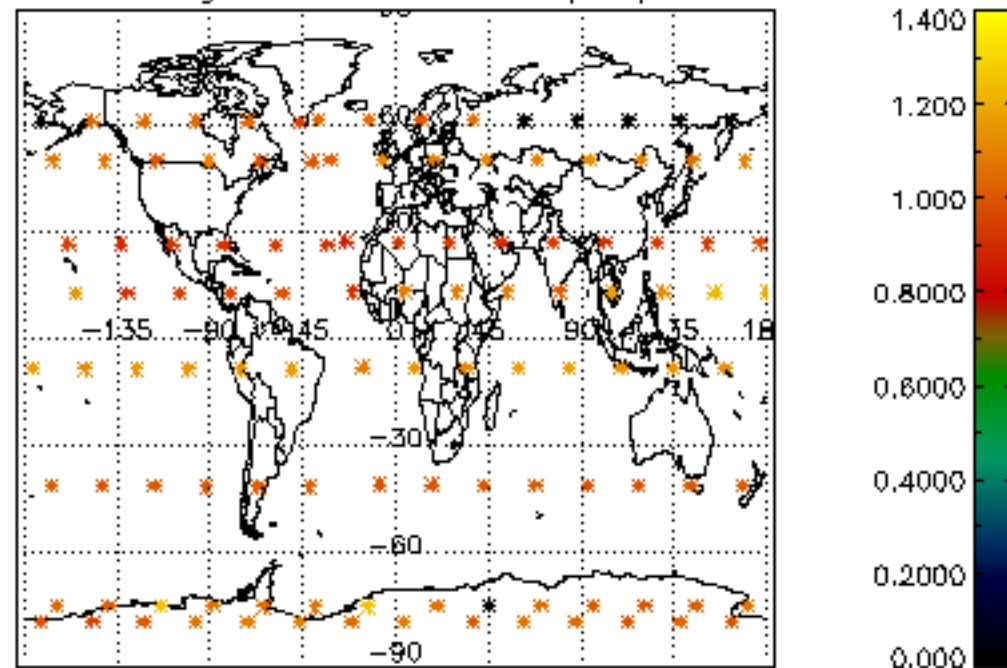




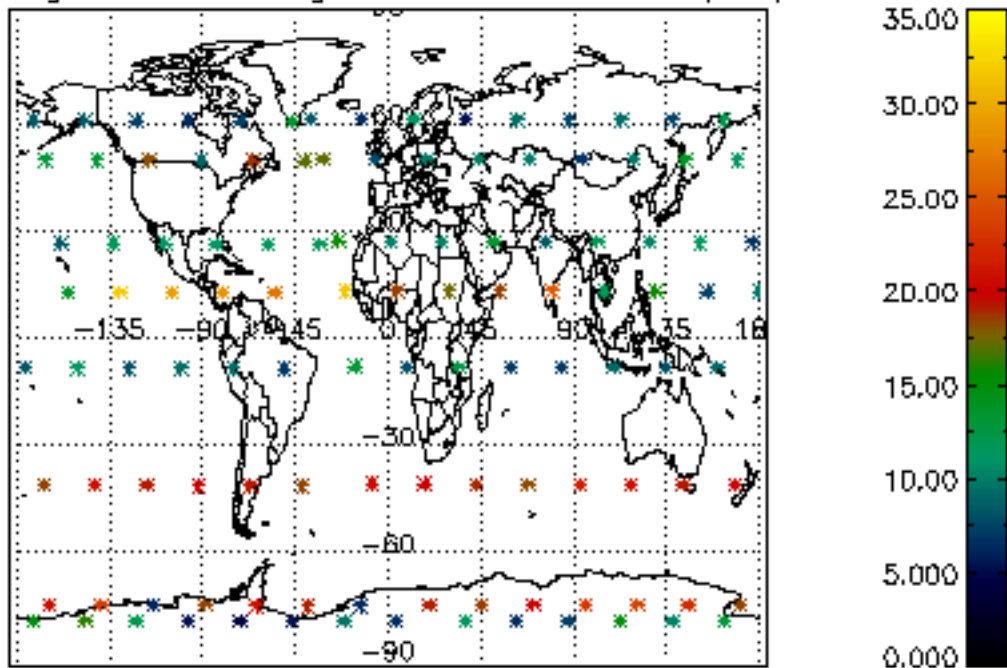
Percentage of cosmic ray hits per profile



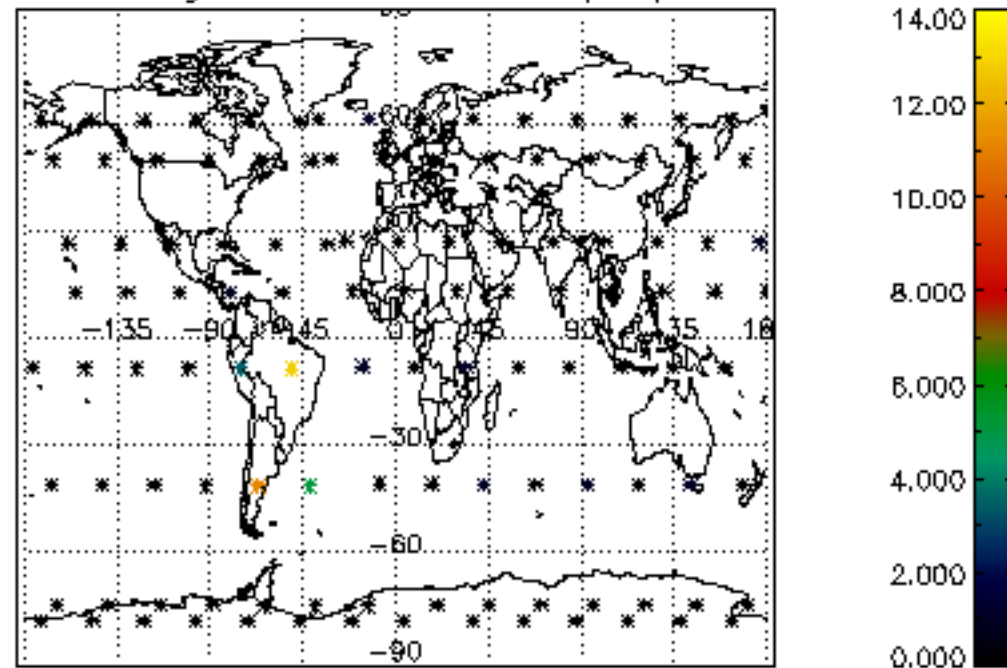
Percentage of datation errors per profile



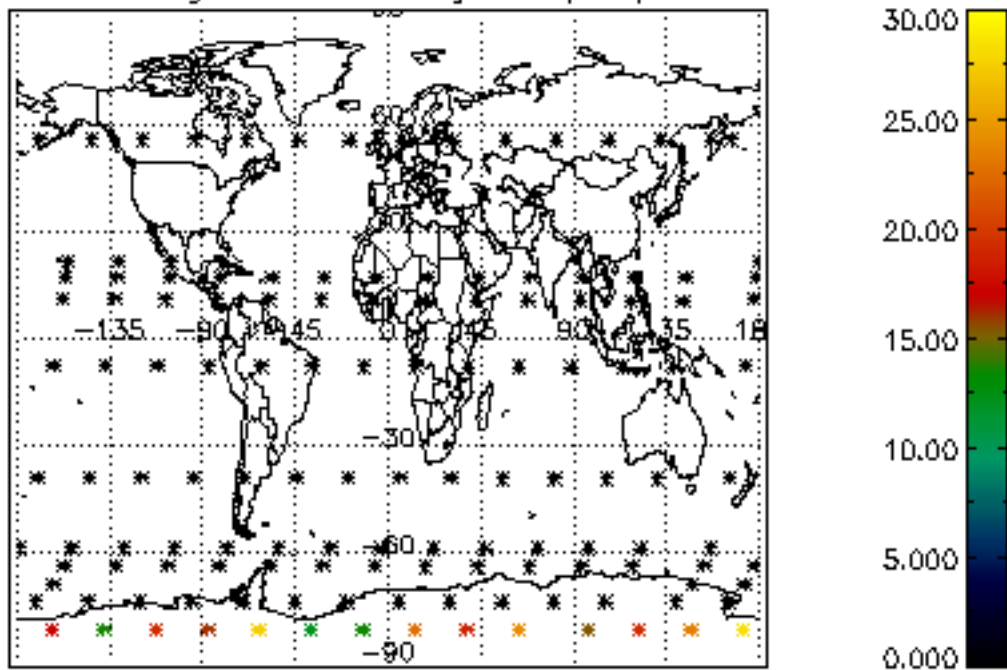
Percentage of star falling outside central band per profile



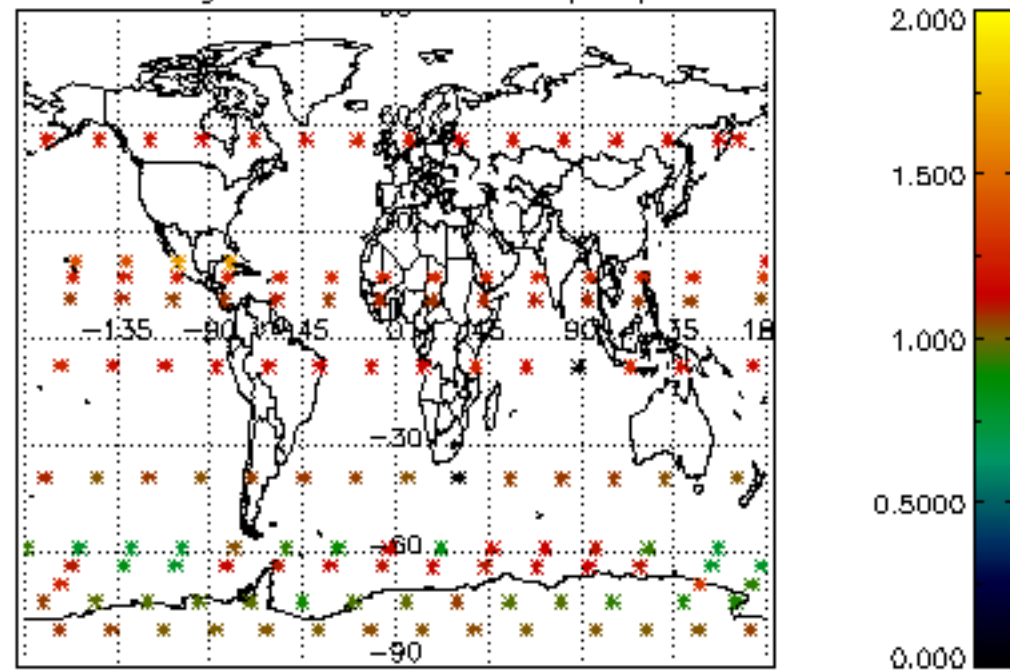
Percentage of saturation errors per profile



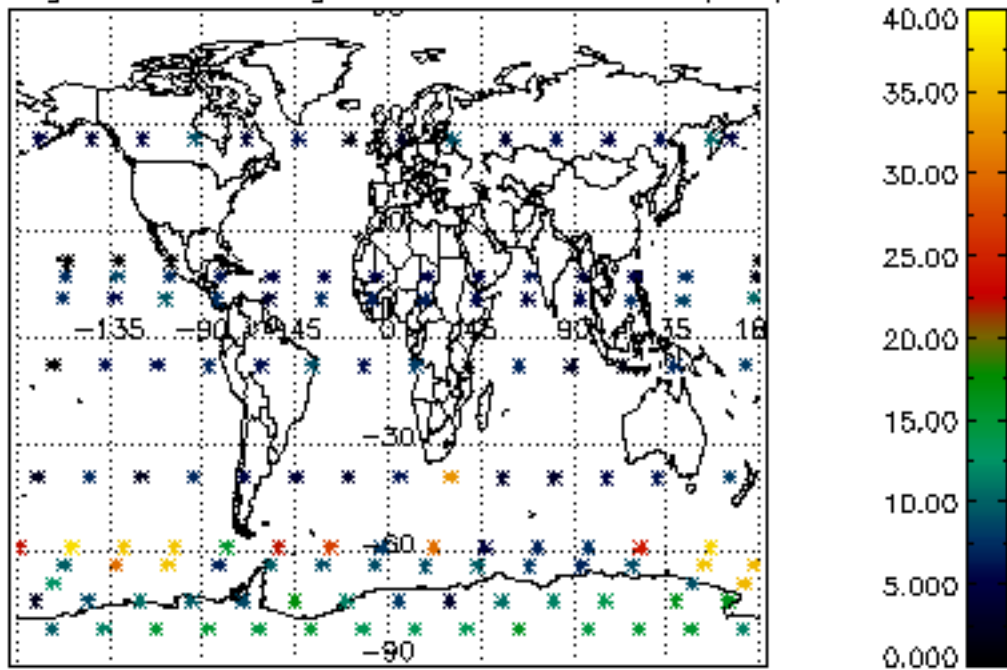
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

