

# GOMOS Level 2 Daily Report

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

Item	Value
Time of report generation	24APR2013 15:44:09
Data source version	GOMOS/6.01
Start time of products	13-07-2011 (13JUL2011 00:00:00)
Stop time of products	14-07-2011 (14JUL2011 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	290
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__2PRFIN20110713_000708_00000583104_00260_48981_5184.N1	13-JUL-2011 00:07:08	Dark	57.500	94	92Alp Cet	2.5260	3100.0	115	48981	No
2	GOM_NL__2PRFIN20110713_001020_00000473104_00260_48981_5185.N1	13-JUL-2011 00:10:20	Dark	47.000	165	34Gam Eri	2.9500	3200.0	94	48981	No
3	GOM_NL__2PRFIN20110713_001912_00000413104_00260_48981_5186.N1	13-JUL-2011 00:19:12	Dark	40.500	157	The1Eri	2.9060	9300.0	81	48981	No
4	GOM_NL__2PRFIN20110713_002521_00000553104_00261_48982_5167.N1	13-JUL-2011 00:25:21	Dark	54.500	9	Alp Eri	0.45300	24000.	109	48982	No
5	GOM_NL__2PRFIN20110713_002801_00000523104_00261_48982_5168.N1	13-JUL-2011 00:28:01	Dark	52.000	84	Alp Phe	2.3970	4500.0	104	48982	No
6	GOM_NL__2PRFIN20110713_003357_00000633104_00261_48982_5169.N1	13-JUL-2011 00:33:57	Straylight	62.500	63	Bet Gru	2.1500	2800.0	125	48982	No
7	GOM_NL__2PRFIN20110713_003536_00000473104_00261_48982_5170.N1	13-JUL-2011 00:35:36	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	48982	No
8	GOM_NL__2PRFIN20110713_003847_00000523104_00261_48982_5171.N1	13-JUL-2011 00:38:47	Straylight	52.000	172	Gam Gru	3.0030	13100.	104	48982	No
9	GOM_NL__2PRFIN20110713_004542_00000413104_00261_48982_5172.N1	13-JUL-2011 00:45:42	Bright	40.500	103	38Zet Sgr	2.6000	9700.0	81	48982	No
10	GOM_NL__2PRFIN20110713_004813_00000403104_00261_48982_5173.N1	13-JUL-2011 00:48:13	Bright	40.000	155	41Pi Sgr	2.9000	6600.0	80	48982	No
11	GOM_NL__2PRFIN20110713_005901_00000413104_00261_48982_5174.N1	13-JUL-2011 00:59:01	Bright	41.000	168	17Zet Aql	2.9860	11000.	82	48982	No
12	GOM_NL__2PRFIN20110713_010603_00000373104_00261_48982_5175.N1	13-JUL-2011 01:06:03	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	48982	No
13	GOM_NL__2PRFIN20110713_010919_00000393104_00261_48982_5176.N1	13-JUL-2011 01:09:19	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	48982	No
14	GOM_NL__2PRFIN20110713_011638_00000443104_00261_48982_5177.N1	13-JUL-2011 01:16:38	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	48982	No
15	GOM_NL__2PRFIN20110713_012523_00000693104_00261_48982_5178.N1	13-JUL-2011 01:25:23	Bright	69.000	76	27Gam Cas	2.3000	30000.	138	48982	No
16	GOM_NL__2PRFIN20110713_013013_00000483104_00261_48982_5179.N1	13-JUL-2011 01:30:13	Bright	47.500	160	23Gam Per	2.9300	4700.0	95	48982	No
17	GOM_NL__2PRFIN20110713_013132_00000403104_00261_48982_5180.N1	13-JUL-2011 01:31:32	Bright	40.000	35	33Alp Per	1.7950	6250.0	80	48982	No
18	GOM_NL__2PRFIN20110713_013425_00000413104_00261_48982_5181.N1	13-JUL-2011 01:34:25	Bright	41.000	79	26Bet Per	2.3100	13100.	82	48982	No
19	GOM_NL__2PRFIN20110713_013713_00000443104_00261_48982_5182.N1	13-JUL-2011 01:37:13	Bright	44.000	150	44Zet Per	2.8900	28000.	88	48982	No
20	GOM_NL__2PRFIN20110713_013944_00000453104_00261_48982_5183.N1	13-JUL-2011 01:39:44	Twilight	44.500	146	25Eta Tau	2.8730	15200.	89	48982	No
21	GOM_NL__2PRFIN20110713_014723_00000573104_00261_48982_5184.N1	13-JUL-2011 01:47:23	Dark	57.000	94	92Alp Cet	2.5260	3100.0	114	48982	No
22	GOM_NL__2PRFIN20110713_015034_00000443104_00261_48982_5185.N1	13-JUL-2011 01:50:34	Dark	44.000	165	34Gam Eri	2.9500	3200.0	88	48982	No
23	GOM_NL__2PRFIN20110713_015927_00000403104_00261_48982_5186.N1	13-JUL-2011 01:59:27	Dark	40.000	157	The1Eri	2.9060	9300.0	80	48982	No
24	GOM_NL__2PRFIN20110713_020536_00000453104_00262_48983_5167.N1	13-JUL-2011 02:05:36	Dark	45.000	9	Alp Eri	0.45300	24000.	90	48983	No
25	GOM_NL__2PRFIN20110713_020816_00000523104_00262_48983_5168.N1	13-JUL-2011 02:08:16	Dark	52.000	84	Alp Phe	2.3970	4500.0	104	48983	No
26	GOM_NL__2PRFIN20110713_021412_00000623104_00262_48983_5169.N1	13-JUL-2011 02:14:12	Straylight	62.000	63	Bet Gru	2.1500	2800.0	124	48983	No
27	GOM_NL__2PRFIN20110713_021551_00000473104_00262_48983_5170.N1	13-JUL-2011 02:15:51	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	48983	No
28	GOM_NL__2PRFIN20110713_021902_00000543104_00262_48983_5171.N1	13-JUL-2011 02:19:02	Straylight	53.500	172	Gam Gru	3.0030	13100.	107	48983	No
29	GOM_NL__2PRFIN20110713_022557_00000553104_00262_48983_5172.N1	13-JUL-2011 02:25:57	Bright	55.000	103	38Zet Sgr	2.6000	9700.0	110	48983	No
30	GOM_NL__2PRFIN20110713_022827_00000423104_00262_48983_5173.N1	13-JUL-2011 02:28:27	Bright	41.500	155	41Pi Sgr	2.9000	6600.0	83	48983	No
31	GOM_NL__2PRFIN20110713_023915_00000413104_00262_48983_5174.N1	13-JUL-2011 02:39:15	Bright	40.500	168	17Zet Aql	2.9860	11000.	81	48983	No
32	GOM_NL__2PRFIN20110713_024617_00000423104_00262_48983_5175.N1	13-JUL-2011 02:46:17	Bright	41.500	5	3Alp Lyr	0.033000	11000.	83	48983	No
33	GOM_NL__2PRFIN20110713_024933_00000353104_00262_48983_5176.N1	13-JUL-2011 02:49:33	Bright	34.500	69	33Gam Dra	2.2310	3800.0	69	48983	No
34	GOM_NL__2PRFIN20110713_025651_00000403104_00262_48983_5177.N1	13-JUL-2011 02:56:51	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	48983	No
35	GOM_NL__2PRFIN20110713_030536_00000463104_00262_48983_5178.N1	13-JUL-2011 03:05:36	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	48983	No
36	GOM_NL__2PRFIN20110713_031027_00000463104_00262_48983_5179.N1	13-JUL-2011 03:10:27	Bright	46.000	160	23Gam Per	2.9300	4700.0	92	48983	No
37	GOM_NL__2PRFIN20110713_031146_00000403104_00262_48983_5180.N1	13-JUL-2011 03:11:46	Bright	40.000	35	33Alp Per	1.7950	6250.0	80	48983	No
38	GOM_NL__2PRFIN20110713_031439_00000463104_00262_48983_5181.N1	13-JUL-2011 03:14:39	Bright	45.500	79	26Bet Per	2.3100	13100.	91	48983	No
39	GOM_NL__2PRFIN20110713_031727_00000463104_00262_48983_5182.N1	13-JUL-2011 03:17:27	Tw_and_stray	46.000	150	44Zet Per	2.8900	28000.	92	48983	No
40	GOM_NL__2PRFIN20110713_031958_00000453104_00262_48983_5183.N1	13-JUL-2011 03:19:58	Twilight	45.000	146	25Eta Tau	2.8730	15200.	90	48983	No
41	GOM_NL__2PRFIN20110713_032738_00000523104_00262_48983_5184.N1	13-JUL-2011 03:27:38	Dark	51.500	94	92Alp Cet	2.5260	3100.0	103	48983	No
42	GOM_NL__2PRFIN20110713_033049_00000413104_00262_48983_5185.N1	13-JUL-2011 03:30:49	Dark	40.500	165	34Gam Eri	2.9500	3200.0	81	48983	No

43	GOM_NL__2PRFIN20110713_033942_000000403104_00262_48983_5186.N1	13-JUL-2011 03:39:42	Dark	40.000	157	The1Eri	2.9060	9300.0	80	48983	No
44	GOM_NL__2PRFIN20110713_034551_000000423104_00263_48984_5167.N1	13-JUL-2011 03:45:51	Dark	41.500	9	Alp Eri	0.45300	24000.	83	48984	No
45	GOM_NL__2PRFIN20110713_034831_000000503104_00263_48984_5168.N1	13-JUL-2011 03:48:31	Dark	49.500	84	Alp Phe	2.3970	4500.0	99	48984	No
46	GOM_NL__2PRFIN20110713_035427_000000543104_00263_48984_5169.N1	13-JUL-2011 03:54:27	Straylight	54.000	63	Bet Gru	2.1500	2800.0	108	48984	No
47	GOM_NL__2PRFIN20110713_035606_000000483104_00263_48984_5170.N1	13-JUL-2011 03:56:06	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	48984	No
48	GOM_NL__2PRFIN20110713_035916_000000523104_00263_48984_5171.N1	13-JUL-2011 03:59:16	Straylight	52.000	172	Gam Gru	3.0030	13100.	104	48984	No
49	GOM_NL__2PRFIN20110713_040611_000000453104_00263_48984_5172.N1	13-JUL-2011 04:06:11	Bright	44.500	103	38Zet Sgr	2.6000	9700.0	89	48984	No
50	GOM_NL__2PRFIN20110713_040841_000000403104_00263_48984_5173.N1	13-JUL-2011 04:08:41	Bright	40.000	155	41Pi Sgr	2.9000	6600.0	80	48984	No
51	GOM_NL__2PRFIN20110713_041929_000000413104_00263_48984_5174.N1	13-JUL-2011 04:19:29	Bright	40.500	168	17Zet Aql	2.9860	11000.	81	48984	No
52	GOM_NL__2PRFIN20110713_042631_000000393104_00263_48984_5175.N1	13-JUL-2011 04:26:31	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	48984	No
53	GOM_NL__2PRFIN20110713_042947_000000383104_00263_48984_5176.N1	13-JUL-2011 04:29:47	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	48984	No
54	GOM_NL__2PRFIN20110713_043704_000000433104_00263_48984_5177.N1	13-JUL-2011 04:37:04	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	48984	No
55	GOM_NL__2PRFIN20110713_044550_000000483104_00263_48984_5178.N1	13-JUL-2011 04:45:50	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	48984	No
56	GOM_NL__2PRFIN20110713_045041_000000613104_00263_48984_5179.N1	13-JUL-2011 04:50:41	Bright	61.000	160	23Gam Per	2.9300	4700.0	122	48984	No
57	GOM_NL__2PRFIN20110713_045200_000000593104_00263_48984_5180.N1	13-JUL-2011 04:52:00	Bright	59.000	35	33Alp Per	1.7950	6250.0	118	48984	No
58	GOM_NL__2PRFIN20110713_045453_000000453104_00263_48984_5181.N1	13-JUL-2011 04:54:53	Bright	45.000	79	26Bet Per	2.3100	13100.	90	48984	No
59	GOM_NL__2PRFIN20110713_045742_000000453104_00263_48984_5182.N1	13-JUL-2011 04:57:42	Twilight	44.500	150	44Zet Per	2.8900	28000.	89	48984	No
60	GOM_NL__2PRFIN20110713_050012_000000463104_00263_48984_5183.N1	13-JUL-2011 05:00:12	Twilight	45.500	146	25Eta Tau	2.8730	15200.	91	48984	No
61	GOM_NL__2PRFIN20110713_050147_000000453104_00263_48984_5184.N1	13-JUL-2011 05:01:47	Twilight	45.000	13	87Alp Tau	0.86700	3800.0	90	48984	No
62	GOM_NL__2PRFIN20110713_050752_000000573104_00263_48984_5185.N1	13-JUL-2011 05:07:52	Dark	56.500	94	92Alp Cet	2.5260	3100.0	113	48984	No
63	GOM_NL__2PRFIN20110713_051103_000000443104_00263_48984_5186.N1	13-JUL-2011 05:11:03	Dark	43.500	165	34Gam Eri	2.9500	3200.0	87	48984	No
64	GOM_NL__2PRFIN20110713_051956_000000443104_00263_48984_5187.N1	13-JUL-2011 05:19:56	Dark	44.000	157	The1Eri	2.9060	9300.0	88	48984	No
65	GOM_NL__2PRFIN20110713_052605_000000543104_00264_48985_5167.N1	13-JUL-2011 05:26:05	Dark	53.500	9	Alp Eri	0.45300	24000.	107	48985	No
66	GOM_NL__2PRFIN20110713_052846_000000513104_00264_48985_5168.N1	13-JUL-2011 05:28:46	Dark	50.500	84	Alp Phe	2.3970	4500.0	101	48985	No
67	GOM_NL__2PRFIN20110713_053442_000000533104_00264_48985_5169.N1	13-JUL-2011 05:34:42	Straylight	53.000	63	Bet Gru	2.1500	2800.0	106	48985	No
68	GOM_NL__2PRFIN20110713_053621_000000493104_00264_48985_5170.N1	13-JUL-2011 05:36:21	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	48985	No
69	GOM_NL__2PRFIN20110713_054625_000000443104_00264_48985_5171.N1	13-JUL-2011 05:46:25	Bright	43.500	103	38Zet Sgr	2.6000	9700.0	87	48985	No
70	GOM_NL__2PRFIN20110713_054855_000000403104_00264_48985_5172.N1	13-JUL-2011 05:48:55	Bright	40.000	155	41Pi Sgr	2.9000	6600.0	80	48985	No
71	GOM_NL__2PRFIN20110713_055943_000000403104_00264_48985_5173.N1	13-JUL-2011 05:59:43	Bright	39.500	168	17Zet Aql	2.9860	11000.	79	48985	No
72	GOM_NL__2PRFIN20110713_060645_000000413104_00264_48985_5174.N1	13-JUL-2011 06:06:45	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	48985	No
73	GOM_NL__2PRFIN20110713_061001_000000383104_00264_48985_5175.N1	13-JUL-2011 06:10:01	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	48985	No
74	GOM_NL__2PRFIN20110713_061718_000000443104_00264_48985_5176.N1	13-JUL-2011 06:17:18	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	48985	No
75	GOM_NL__2PRFIN20110713_062603_000000453104_00264_48985_5177.N1	13-JUL-2011 06:26:03	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	48985	No
76	GOM_NL__2PRFIN20110713_063055_000000543104_00264_48985_5178.N1	13-JUL-2011 06:30:55	Bright	53.500	160	23Gam Per	2.9300	4700.0	107	48985	No
77	GOM_NL__2PRFIN20110713_063214_000000493104_00264_48985_5179.N1	13-JUL-2011 06:32:14	Bright	48.500	35	33Alp Per	1.7950	6250.0	97	48985	No
78	GOM_NL__2PRFIN20110713_063507_000000443104_00264_48985_5180.N1	13-JUL-2011 06:35:07	Bright	44.000	79	26Bet Per	2.3100	13100.	88	48985	No
79	GOM_NL__2PRFIN20110713_063756_000000463104_00264_48985_5181.N1	13-JUL-2011 06:37:56	Twilight	46.000	150	44Zet Per	2.8900	28000.	92	48985	No
80	GOM_NL__2PRFIN20110713_064027_000000413104_00264_48985_5182.N1	13-JUL-2011 06:40:27	Twilight	40.500	146	25Eta Tau	2.8730	15200.	81	48985	No
81	GOM_NL__2PRFIN20110713_064202_000000403104_00264_48985_5183.N1	13-JUL-2011 06:42:02	Twilight	40.000	13	87Alp Tau	0.86700	3800.0	80	48985	No
82	GOM_NL__2PRFIN20110713_064807_000000583104_00264_48985_5184.N1	13-JUL-2011 06:48:07	Dark	58.000	94	92Alp Cet	2.5260	3100.0	116	48985	No
83	GOM_NL__2PRFIN20110713_065118_000000453104_00264_48985_5185.N1	13-JUL-2011 06:51:18	Dark	44.500	165	34Gam Eri	2.9500	3200.0	89	48985	No
84	GOM_NL__2PRFIN20110713_070011_000000413104_00264_48985_5186.N1	13-JUL-2011 07:00:11	Dark	41.000	157	The1Eri	2.9060	9300.0	82	48985	No
85	GOM_NL__2PRFIN20110713_070620_000000423104_00265_48986_5167.N1	13-JUL-2011 07:06:20	Dark	41.500	9	Alp Eri	0.45300	24000.	83	48986	No
86	GOM_NL__2PRFIN20110713_070902_000000533104_00265_48986_5168.N1	13-JUL-2011 07:09:02	Dark	53.000	84	Alp Phe	2.3970	4500.0	106	48986	No
87	GOM_NL__2PRFIN20110713_071457_000000643104_00265_48986_5169.N1	13-JUL-2011 07:14:57	Straylight	63.500	63	Bet Gru	2.1500	2800.0	127	48986	No
88	GOM_NL__2PRFIN20110713_071635_000000473104_00265_48986_5170.N1	13-JUL-2011 07:16:35	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	48986	No
89	GOM_NL__2PRFIN20110713_071946_000000523104_00265_48986_5171.N1	13-JUL-2011 07:19:46	Straylight	51.500	172	Gam Gru	3.0030	13100.	103	48986	No
90	GOM_NL__2PRFIN20110713_072639_000000413104_00265_48986_5172.N1	13-JUL-2011 07:26:39	Bright	41.000	103	38Zet Sgr	2.6000	9700.0	82	48986	No
91	GOM_NL__2PRFIN20110713_072910_000000393104_00265_48986_5173.N1	13-JUL-2011 07:29:10	Bright	39.000	155	41Pi Sgr	2.9000	6600.0	78	48986	No
92	GOM_NL__2PRFIN20110713_073956_000000413104_00265_48986_5174.N1	13-JUL-2011 07:39:56	Bright	40.500	168	17Zet Aql	2.9860	11000.	81	48986	No
93	GOM_NL__2PRFIN20110713_074659_000000413104_00265_48986_5175.N1	13-JUL-2011 07:46:59	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	48986	No
94	GOM_NL__2PRFIN20110713_075015_000000383104_00265_48986_5176.N1	13-JUL-2011 07:50:15	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	48986	No
95	GOM_NL__2PRFIN20110713_075731_000000443104_00265_48986_5177.N1	13-JUL-2011 07:57:31	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	48986	No
96	GOM_NL__2PRFIN20110713_080617_000000683104_00265_48986_5178.N1	13-JUL-2011 08:06:17	Bright	67.500	76	27Gam Cas	2.3000	30000.	135	48986	No
97	GOM_NL__2PRFIN20110713_081108_000000613104_00265_48986_5179.N1	13-JUL-2011 08:11:08	Bright	61.000	160	23Gam Per	2.9300	4700.0	122	48986	No
98	GOM_NL__2PRFIN20110713_081228_000000593104_00265_48986_5180.N1	13-JUL-2011 08:12:28	Bright	59.000	35	33Alp Per	1.7950	6250.0	118	48986	No
99	GOM_NL__2PRFIN20110713_081521_000000463104_00265_48986_5181.N1	13-JUL-2011 08:15:21	Bright	46.000	79	26Bet Per	2.3100	13100.	92	48986	No
100	GOM_NL__2PRFIN20110713_081810_000000423104_00265_48986_5182.N1	13-JUL-2011 08:18:10	Twilight	41.500	150	44Zet Per	2.8900	28000.	83	48986	No
101	GOM_NL__2PRFIN20110713_082041_000000403104_00265_48986_5183.N1	13-JUL-2011 08:20:41	Twilight	40.000	146	25Eta Tau	2.8730	15200.	80	48986	No

102	GOM_NL__2PRFIN20110713_082216_000000463104_00265_48986_5184.N1	13-JUL-2011 08:22:16	Twilight	46.000	13	87Alp Tau	0.86700	3800.0	92	48986	No
103	GOM_NL__2PRFIN20110713_082822_000000583104_00265_48986_5185.N1	13-JUL-2011 08:28:22	Dark	57.500	94	92Alp Cet	2.5260	3100.0	115	48986	No
104	GOM_NL__2PRFIN20110713_083132_000000453104_00265_48986_5186.N1	13-JUL-2011 08:31:32	Dark	45.000	165	34Gam Eri	2.9500	3200.0	90	48986	No
105	GOM_NL__2PRFIN20110713_084026_000000433104_00265_48986_5187.N1	13-JUL-2011 08:40:26	Dark	43.000	157	The1Eri	2.9060	9300.0	86	48986	No
106	GOM_NL__2PRFIN20110713_084634_000000513104_00266_48987_5167.N1	13-JUL-2011 08:46:34	Dark	51.000	9	Alp Eri	0.45300	24000.	102	48987	No
107	GOM_NL__2PRFIN20110713_084917_000000543104_00266_48987_5168.N1	13-JUL-2011 08:49:17	Dark	53.500	84	Alp Phe	2.3970	4500.0	107	48987	No
108	GOM_NL__2PRFIN20110713_085512_000000673104_00266_48987_5169.N1	13-JUL-2011 08:55:12	Straylight	67.000	63	Bet Gru	2.1500	2800.0	134	48987	No
109	GOM_NL__2PRFIN20110713_085650_000000493104_00266_48987_5170.N1	13-JUL-2011 08:56:50	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	48987	No
110	GOM_NL__2PRFIN20110713_090001_000000523104_00266_48987_5171.N1	13-JUL-2011 09:00:01	Straylight	52.000	172	Gam Gru	3.0030	13100.	104	48987	No
111	GOM_NL__2PRFIN20110713_090654_000000423104_00266_48987_5172.N1	13-JUL-2011 09:06:54	Bright	42.000	103	38Zet Sgr	2.6000	9700.0	84	48987	No
112	GOM_NL__2PRFIN20110713_090924_000000393104_00266_48987_5173.N1	13-JUL-2011 09:09:24	Bright	39.000	155	41Pi Sgr	2.9000	6600.0	78	48987	No
113	GOM_NL__2PRFIN20110713_092010_000000403104_00266_48987_5174.N1	13-JUL-2011 09:20:10	Bright	40.000	168	17Zet Aql	2.9860	11000.	80	48987	No
114	GOM_NL__2PRFIN20110713_092712_000000363104_00266_48987_5175.N1	13-JUL-2011 09:27:12	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	48987	No
115	GOM_NL__2PRFIN20110713_093029_000000383104_00266_48987_5176.N1	13-JUL-2011 09:30:29	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	48987	No
116	GOM_NL__2PRFIN20110713_093745_000000443104_00266_48987_5177.N1	13-JUL-2011 09:37:45	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	48987	No
117	GOM_NL__2PRFIN20110713_094630_000000473104_00266_48987_5178.N1	13-JUL-2011 09:46:30	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	48987	No
118	GOM_NL__2PRFIN20110713_095122_000000423104_00266_48987_5179.N1	13-JUL-2011 09:51:22	Bright	41.500	160	23Gam Per	2.9300	4700.0	83	48987	No
119	GOM_NL__2PRFIN20110713_095241_000000423104_00266_48987_5180.N1	13-JUL-2011 09:52:41	Bright	41.500	35	33Alp Per	1.7950	6250.0	83	48987	No
120	GOM_NL__2PRFIN20110713_095535_000000593104_00266_48987_5181.N1	13-JUL-2011 09:55:35	Bright	59.000	79	26Bet Per	2.3100	13100.	118	48987	No
121	GOM_NL__2PRFIN20110713_095824_000000433104_00266_48987_5182.N1	13-JUL-2011 09:58:24	Twilight	42.500	150	44Zet Per	2.8900	28000.	85	48987	No
122	GOM_NL__2PRFIN20110713_100055_000000443104_00266_48987_5183.N1	13-JUL-2011 10:00:55	Twilight	44.000	146	25Eta Tau	2.8730	15200.	88	48987	No
123	GOM_NL__2PRFIN20110713_100230_000000513104_00266_48987_5184.N1	13-JUL-2011 10:02:30	Twilight	51.000	13	87Alp Tau	0.86700	3800.0	102	48987	No
124	GOM_NL__2PRFIN20110713_100836_000000573104_00266_48987_5185.N1	13-JUL-2011 10:08:36	Dark	56.500	94	92Alp Cet	2.5260	3100.0	113	48987	No
125	GOM_NL__2PRFIN20110713_101147_000000453104_00266_48987_5186.N1	13-JUL-2011 10:11:47	Dark	45.000	165	34Gam Eri	2.9500	3200.0	90	48987	No
126	GOM_NL__2PRFIN20110713_102040_000000413104_00266_48987_5187.N1	13-JUL-2011 10:20:40	Dark	41.000	157	The1Eri	2.9060	9300.0	82	48987	No
127	GOM_NL__2PRFIN20110713_102649_000000553104_00267_48988_5167.N1	13-JUL-2011 10:26:49	Dark	55.000	9	Alp Eri	0.45300	24000.	110	48988	No
128	GOM_NL__2PRFIN20110713_102932_000000553104_00267_48988_5168.N1	13-JUL-2011 10:29:32	Dark	54.500	84	Alp Phe	2.3970	4500.0	109	48988	No
129	GOM_NL__2PRFIN20110713_103526_000000563104_00267_48988_5169.N1	13-JUL-2011 10:35:26	Straylight	56.000	63	Bet Gru	2.1500	2800.0	112	48988	No
130	GOM_NL__2PRFIN20110713_103705_000000523104_00267_48988_5170.N1	13-JUL-2011 10:37:05	Straylight	51.500	31	Alp Gru	1.7340	15200.	103	48988	No
131	GOM_NL__2PRFIN20110713_104015_000000553104_00267_48988_5171.N1	13-JUL-2011 10:40:15	Straylight	55.000	172	Gam Gru	3.0030	13100.	110	48988	No
132	GOM_NL__2PRFIN20110713_104708_000000423104_00267_48988_5172.N1	13-JUL-2011 10:47:08	Bright	42.000	103	38Zet Sgr	2.6000	9700.0	84	48988	No
133	GOM_NL__2PRFIN20110713_104938_000000403104_00267_48988_5173.N1	13-JUL-2011 10:49:38	Bright	39.500	155	41Pi Sgr	2.9000	6600.0	79	48988	No
134	GOM_NL__2PRFIN20110713_110726_000000373104_00267_48988_5174.N1	13-JUL-2011 11:07:26	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	48988	No
135	GOM_NL__2PRFIN20110713_111043_000000393104_00267_48988_5175.N1	13-JUL-2011 11:10:43	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	48988	No
136	GOM_NL__2PRFIN20110713_111758_000000423104_00267_48988_5176.N1	13-JUL-2011 11:17:58	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	48988	No
137	GOM_NL__2PRFIN20110713_112644_000000463104_00267_48988_5177.N1	13-JUL-2011 11:26:44	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	48988	No
138	GOM_NL__2PRFIN20110713_113136_000000413104_00267_48988_5178.N1	13-JUL-2011 11:31:36	Bright	41.000	160	23Gam Per	2.9300	4700.0	82	48988	No
139	GOM_NL__2PRFIN20110713_113255_000000413104_00267_48988_5179.N1	13-JUL-2011 11:32:55	Bright	41.000	35	33Alp Per	1.7950	6250.0	82	48988	No
140	GOM_NL__2PRFIN20110713_113549_000000643104_00267_48988_5180.N1	13-JUL-2011 11:35:49	Bright	64.000	79	26Bet Per	2.3100	13100.	128	48988	No
141	GOM_NL__2PRFIN20110713_113838_000000453104_00267_48988_5181.N1	13-JUL-2011 11:38:38	Twilight	44.500	150	44Zet Per	2.8900	28000.	89	48988	No
142	GOM_NL__2PRFIN20110713_114109_000000463104_00267_48988_5182.N1	13-JUL-2011 11:41:09	Twilight	45.500	146	25Eta Tau	2.8730	15200.	91	48988	No
143	GOM_NL__2PRFIN20110713_114244_000000443104_00267_48988_5183.N1	13-JUL-2011 11:42:44	Twilight	44.000	13	87Alp Tau	0.86700	3800.0	88	48988	No
144	GOM_NL__2PRFIN20110713_114851_000000613104_00267_48988_5184.N1	13-JUL-2011 11:48:51	Dark	60.500	94	92Alp Cet	2.5260	3100.0	121	48988	No
145	GOM_NL__2PRFIN20110713_115201_000000483104_00267_48988_5185.N1	13-JUL-2011 11:52:01	Dark	47.500	165	34Gam Eri	2.9500	3200.0	95	48988	No
146	GOM_NL__2PRFIN20110713_120055_000000413104_00267_48988_5186.N1	13-JUL-2011 12:00:55	Dark	40.500	157	The1Eri	2.9060	9300.0	81	48988	No
147	GOM_NL__2PRFIN20110713_120703_000000443104_00268_48989_5187.N1	13-JUL-2011 12:07:03	Dark	44.000	9	Alp Eri	0.45300	24000.	88	48989	No
148	GOM_NL__2PRFIN20110713_120947_000000583104_00268_48989_5188.N1	13-JUL-2011 12:09:47	Dark	57.500	84	Alp Phe	2.3970	4500.0	115	48989	No
149	GOM_NL__2PRFIN20110713_121541_000000623104_00268_48989_5189.N1	13-JUL-2011 12:15:41	Straylight	61.500	63	Bet Gru	2.1500	2800.0	123	48989	No
150	GOM_NL__2PRFIN20110713_121719_000000483104_00268_48989_5190.N1	13-JUL-2011 12:17:19	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	48989	No
151	GOM_NL__2PRFIN20110713_122030_000000533104_00268_48989_5191.N1	13-JUL-2011 12:20:30	Straylight	52.500	172	Gam Gru	3.0030	13100.	105	48989	No
152	GOM_NL__2PRFIN20110713_122722_000000433104_00268_48989_5192.N1	13-JUL-2011 12:27:22	Bright	42.500	103	38Zet Sgr	2.6000	9700.0	85	48989	No
153	GOM_NL__2PRFIN20110713_122952_000000403104_00268_48989_5193.N1	13-JUL-2011 12:29:52	Bright	39.500	155	41Pi Sgr	2.9000	6600.0	79	48989	No
154	GOM_NL__2PRFIN20110713_124740_000000363104_00268_48989_5194.N1	13-JUL-2011 12:47:40	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	48989	No
155	GOM_NL__2PRFIN20110713_125057_000000393104_00268_48989_5195.N1	13-JUL-2011 12:50:57	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	48989	No
156	GOM_NL__2PRFIN20110713_130657_000000473104_00268_48989_5196.N1	13-JUL-2011 13:06:57	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	48989	No
157	GOM_NL__2PRFIN20110713_131150_000000493104_00268_48989_5197.N1	13-JUL-2011 13:11:50	Bright	49.000	160	23Gam Per	2.9300	4700.0	98	48989	No
158	GOM_NL__2PRFIN20110713_131309_000000423104_00268_48989_5198.N1	13-JUL-2011 13:13:09	Bright	42.000	35	33Alp Per	1.7950	6250.0	84	48989	No
159	GOM_NL__2PRFIN20110713_131603_000000643104_00268_48989_5199.N1	13-JUL-2011 13:16:03	Bright	64.000	79	26Bet Per	2.3100	13100.	128	48989	No
160	GOM_NL__2PRFIN20110713_131852_000000473104_00268_48989_5200.N1	13-JUL-2011 13:18:52	Twilight	46.500	150	44Zet Per	2.8900	28000.	93	48989	No

161	GOM_NL__2PRFIN20110713_132123_000000443104_00268_48989_5201.N1	13-JUL-2011 13:21:23	Twilight	43.500	146	25Eta Tau	2.8730	15200.	87	48989	No
162	GOM_NL__2PRFIN20110713_132258_000000513104_00268_48989_5202.N1	13-JUL-2011 13:22:58	Twilight	50.500	13	87Alp Tau	0.86700	3800.0	101	48989	No
163	GOM_NL__2PRFIN20110713_132906_000000593104_00268_48989_5203.N1	13-JUL-2011 13:29:06	Dark	58.500	94	92Alp Cet	2.5260	3100.0	117	48989	No
164	GOM_NL__2PRFIN20110713_133215_000000463104_00268_48989_5204.N1	13-JUL-2011 13:32:15	Dark	45.500	165	34Gam Eri	2.9500	3200.0	91	48989	No
165	GOM_NL__2PRFIN20110713_134109_000000413104_00268_48989_5205.N1	13-JUL-2011 13:41:09	Dark	40.500	157	The1Eri	2.9060	9300.0	81	48989	No
166	GOM_NL__2PRFIN20110713_134718_000000513104_00269_48990_5187.N1	13-JUL-2011 13:47:18	Dark	50.500	9	Alp Eri	0.45300	24000.	101	48990	No
167	GOM_NL__2PRFIN20110713_135002_000000533104_00269_48990_5188.N1	13-JUL-2011 13:50:02	Dark	53.000	84	Alp Phe	2.3970	4500.0	106	48990	No
168	GOM_NL__2PRFIN20110713_135556_000000573104_00269_48990_5189.N1	13-JUL-2011 13:55:56	Straylight	56.500	63	Bet Gru	2.1500	2800.0	113	48990	No
169	GOM_NL__2PRFIN20110713_135734_000000493104_00269_48990_5190.N1	13-JUL-2011 13:57:34	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	48990	No
170	GOM_NL__2PRFIN20110713_140045_000000533104_00269_48990_5191.N1	13-JUL-2011 14:00:45	Straylight	53.000	172	Gam Gru	3.0030	13100.	106	48990	No
171	GOM_NL__2PRFIN20110713_140736_000000443104_00269_48990_5192.N1	13-JUL-2011 14:07:36	Bright	43.500	103	38Zet Sgr	2.6000	9700.0	87	48990	No
172	GOM_NL__2PRFIN20110713_141006_000000413104_00269_48990_5193.N1	13-JUL-2011 14:10:06	Bright	40.500	155	41Pi Sgr	2.9000	6600.0	81	48990	No
173	GOM_NL__2PRFIN20110713_142051_000000393104_00269_48990_5194.N1	13-JUL-2011 14:20:51	Bright	38.500	168	17Zet Aql	2.9860	11000.	77	48990	No
174	GOM_NL__2PRFIN20110713_142753_000000413104_00269_48990_5195.N1	13-JUL-2011 14:27:53	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	48990	No
175	GOM_NL__2PRFIN20110713_143111_000000393104_00269_48990_5196.N1	13-JUL-2011 14:31:11	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	48990	No
176	GOM_NL__2PRFIN20110713_143825_000000413104_00269_48990_5197.N1	13-JUL-2011 14:38:25	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	48990	No
177	GOM_NL__2PRFIN20110713_144710_000000483104_00269_48990_5198.N1	13-JUL-2011 14:47:10	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	48990	No
178	GOM_NL__2PRFIN20110713_145204_000000613104_00269_48990_5199.N1	13-JUL-2011 14:52:04	Bright	61.000	160	23Gam Per	2.9300	4700.0	122	48990	No
179	GOM_NL__2PRFIN20110713_145323_000000413104_00269_48990_5200.N1	13-JUL-2011 14:53:23	Bright	41.000	35	33Alp Per	1.7950	6250.0	82	48990	No
180	GOM_NL__2PRFIN20110713_145617_000000583104_00269_48990_5201.N1	13-JUL-2011 14:56:17	Bright	58.000	79	26Bet Per	2.3100	13100.	116	48990	No
181	GOM_NL__2PRFIN20110713_145906_000000433104_00269_48990_5202.N1	13-JUL-2011 14:59:06	Twi_and_stray	42.500	150	44Zet Per	2.8900	28000.	85	48990	No
182	GOM_NL__2PRFIN20110713_150138_000000453104_00269_48990_5203.N1	13-JUL-2011 15:01:38	Twilight	44.500	146	25Eta Tau	2.8730	15200.	89	48990	No
183	GOM_NL__2PRFIN20110713_150313_000000453104_00269_48990_5204.N1	13-JUL-2011 15:03:13	Twilight	44.500	13	87Alp Tau	0.86700	3800.0	89	48990	No
184	GOM_NL__2PRFIN20110713_150920_000000583104_00269_48990_5205.N1	13-JUL-2011 15:09:20	Dark	57.500	94	92Alp Cet	2.5260	3100.0	115	48990	No
185	GOM_NL__2PRFIN20110713_151230_000000463104_00269_48990_5206.N1	13-JUL-2011 15:12:30	Dark	45.500	165	34Gam Eri	2.9500	3200.0	91	48990	No
186	GOM_NL__2PRFIN20110713_152124_000000443104_00269_48990_5207.N1	13-JUL-2011 15:21:24	Dark	43.500	157	The1Eri	2.9060	9300.0	87	48990	No
187	GOM_NL__2PRFIN20110713_152733_000000433104_00270_48991_5187.N1	13-JUL-2011 15:27:33	Dark	42.500	9	Alp Eri	0.45300	24000.	85	48991	No
188	GOM_NL__2PRFIN20110713_153017_000000533104_00270_48991_5188.N1	13-JUL-2011 15:30:17	Dark	53.000	84	Alp Phe	2.3970	4500.0	106	48991	No
189	GOM_NL__2PRFIN20110713_153611_000000503104_00270_48991_5189.N1	13-JUL-2011 15:36:11	Straylight	50.000	63	Bet Gru	2.1500	2800.0	100	48991	No
190	GOM_NL__2PRFIN20110713_153749_000000483104_00270_48991_5190.N1	13-JUL-2011 15:37:49	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	48991	No
191	GOM_NL__2PRFIN20110713_154100_000000533104_00270_48991_5191.N1	13-JUL-2011 15:41:00	Straylight	53.000	172	Gam Gru	3.0030	13100.	106	48991	No
192	GOM_NL__2PRFIN20110713_154750_000000403104_00270_48991_5192.N1	13-JUL-2011 15:47:50	Bright	40.000	103	38Zet Sgr	2.6000	9700.0	80	48991	No
193	GOM_NL__2PRFIN20110713_155020_000000403104_00270_48991_5193.N1	13-JUL-2011 15:50:20	Bright	40.000	155	41Pi Sgr	2.9000	6600.0	80	48991	No
194	GOM_NL__2PRFIN20110713_160105_000000403104_00270_48991_5194.N1	13-JUL-2011 16:01:05	Bright	40.000	168	17Zet Aql	2.9860	11000.	80	48991	No
195	GOM_NL__2PRFIN20110713_160807_000000413104_00270_48991_5195.N1	13-JUL-2011 16:08:07	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	48991	No
196	GOM_NL__2PRFIN20110713_161125_000000353104_00270_48991_5196.N1	13-JUL-2011 16:11:25	Bright	34.500	69	33Gam Dra	2.2310	3800.0	69	48991	No
197	GOM_NL__2PRFIN20110713_161838_000000423104_00270_48991_5197.N1	13-JUL-2011 16:18:38	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	48991	No
198	GOM_NL__2PRFIN20110713_162724_000000483104_00270_48991_5198.N1	13-JUL-2011 16:27:24	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	48991	No
199	GOM_NL__2PRFIN20110713_163217_000000403104_00270_48991_5199.N1	13-JUL-2011 16:32:17	Bright	39.500	160	23Gam Per	2.9300	4700.0	79	48991	No
200	GOM_NL__2PRFIN20110713_163337_000000393104_00270_48991_5200.N1	13-JUL-2011 16:33:37	Bright	39.000	35	33Alp Per	1.7950	6250.0	78	48991	No
201	GOM_NL__2PRFIN20110713_163631_000000483104_00270_48991_5201.N1	13-JUL-2011 16:36:31	Bright	47.500	79	26Bet Per	2.3100	13100.	95	48991	No
202	GOM_NL__2PRFIN20110713_163920_000000433104_00270_48991_5202.N1	13-JUL-2011 16:39:20	Twi_and_stray	43.000	150	44Zet Per	2.8900	28000.	86	48991	No
203	GOM_NL__2PRFIN20110713_164152_000000453104_00270_48991_5203.N1	13-JUL-2011 16:41:52	Twilight	45.000	146	25Eta Tau	2.8730	15200.	90	48991	No
204	GOM_NL__2PRFIN20110713_164327_000000453104_00270_48991_5204.N1	13-JUL-2011 16:43:27	Twilight	44.500	13	87Alp Tau	0.86700	3800.0	89	48991	No
205	GOM_NL__2PRFIN20110713_164935_000000573104_00270_48991_5205.N1	13-JUL-2011 16:49:35	Dark	56.500	94	92Alp Cet	2.5260	3100.0	113	48991	No
206	GOM_NL__2PRFIN20110713_165244_000000483104_00270_48991_5206.N1	13-JUL-2011 16:52:44	Dark	47.500	165	34Gam Eri	2.9500	3200.0	95	48991	No
207	GOM_NL__2PRFIN20110713_170139_000000413104_00270_48991_5207.N1	13-JUL-2011 17:01:39	Dark	40.500	157	The1Eri	2.9060	9300.0	81	48991	No
208	GOM_NL__2PRFIN20110713_170747_000000443104_00271_48992_5222.N1	13-JUL-2011 17:07:47	Dark	44.000	9	Alp Eri	0.45300	24000.	88	48992	No
209	GOM_NL__2PRFIN20110713_171032_000000513104_00271_48992_5223.N1	13-JUL-2011 17:10:32	Dark	50.500	84	Alp Phe	2.3970	4500.0	101	48992	No
210	GOM_NL__2PRFIN20110713_171626_000000513104_00271_48992_5224.N1	13-JUL-2011 17:16:26	Straylight	50.500	63	Bet Gru	2.1500	2800.0	101	48992	No
211	GOM_NL__2PRFIN20110713_171804_000000473104_00271_48992_5225.N1	13-JUL-2011 17:18:04	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	48992	No
212	GOM_NL__2PRFIN20110713_172115_000000533104_00271_48992_5226.N1	13-JUL-2011 17:21:15	Straylight	53.000	172	Gam Gru	3.0030	13100.	106	48992	No
213	GOM_NL__2PRFIN20110713_172805_000000433104_00271_48992_5227.N1	13-JUL-2011 17:28:05	Bright	42.500	103	38Zet Sgr	2.6000	9700.0	85	48992	No
214	GOM_NL__2PRFIN20110713_173034_000000413104_00271_48992_5228.N1	13-JUL-2011 17:30:34	Bright	41.000	155	41Pi Sgr	2.9000	6600.0	82	48992	No
215	GOM_NL__2PRFIN20110713_174119_000000413104_00271_48992_5229.N1	13-JUL-2011 17:41:19	Bright	40.500	168	17Zet Aql	2.9860	11000.	81	48992	No
216	GOM_NL__2PRFIN20110713_174821_000000403104_00271_48992_5230.N1	13-JUL-2011 17:48:21	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	48992	No
217	GOM_NL__2PRFIN20110713_175139_000000383104_00271_48992_5231.N1	13-JUL-2011 17:51:39	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	48992	No
218	GOM_NL__2PRFIN20110713_175852_000000443104_00271_48992_5232.N1	13-JUL-2011 17:58:52	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	48992	No
219	GOM_NL__2PRFIN20110713_180738_000000693104_00271_48992_5233.N1	13-JUL-2011 18:07:38	Bright	69.000	76	27Gam Cas	2.3000	30000.	138	48992	No

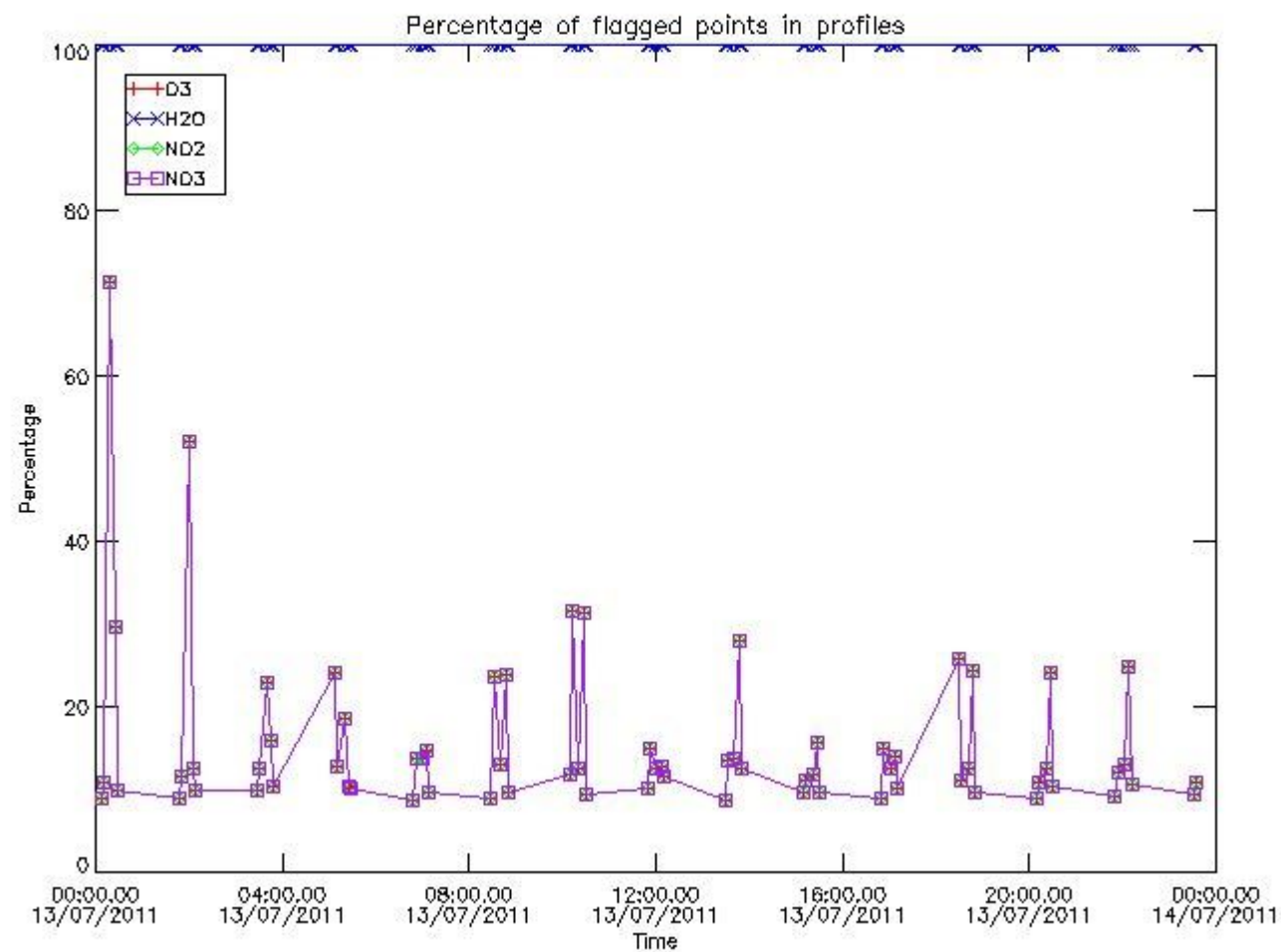
220	GOM_NL__2PRFIN20110713_181231_000000613104_00271_48992_5234.N1	13-JUL-2011 18:12:31	Bright	61.000	160	23Gam Per	2.9300	4700.0	122	48992	No
221	GOM_NL__2PRFIN20110713_181351_000000603104_00271_48992_5235.N1	13-JUL-2011 18:13:51	Bright	60.000	35	33Alp Per	1.7950	6250.0	120	48992	No
222	GOM_NL__2PRFIN20110713_181645_000000453104_00271_48992_5236.N1	13-JUL-2011 18:16:45	Bright	45.000	79	26Bet Per	2.3100	13100.	90	48992	No
223	GOM_NL__2PRFIN20110713_181935_000000443104_00271_48992_5237.N1	13-JUL-2011 18:19:35	Twi_and_stray	44.000	150	44Zet Per	2.8900	28000.	88	48992	No
224	GOM_NL__2PRFIN20110713_182206_000000463104_00271_48992_5238.N1	13-JUL-2011 18:22:06	Twilight	45.500	146	25Eta Tau	2.8730	15200.	91	48992	No
225	GOM_NL__2PRFIN20110713_182341_000000463104_00271_48992_5239.N1	13-JUL-2011 18:23:41	Twilight	46.000	13	87Alp Tau	0.86700	3800.0	92	48992	No
226	GOM_NL__2PRFIN20110713_182950_000000573104_00271_48992_5240.N1	13-JUL-2011 18:29:50	Dark	57.000	94	92Alp Cet	2.5260	3100.0	114	48992	No
227	GOM_NL__2PRFIN20110713_183259_000000463104_00271_48992_5241.N1	13-JUL-2011 18:32:59	Dark	46.000	165	34Gam Eri	2.9500	3200.0	92	48992	No
228	GOM_NL__2PRFIN20110713_184153_000000413104_00271_48992_5242.N1	13-JUL-2011 18:41:53	Dark	41.000	157	The1Eri	2.9060	9300.0	82	48992	No
229	GOM_NL__2PRFIN20110713_184802_000000503104_00272_48993_5299.N1	13-JUL-2011 18:48:02	Dark	50.000	9	Alp Eri	0.45300	24000.	100	48993	No
230	GOM_NL__2PRFIN20110713_185047_000000533104_00272_48993_5300.N1	13-JUL-2011 18:50:47	Dark	53.000	84	Alp Phe	2.3970	4500.0	106	48993	No
231	GOM_NL__2PRFIN20110713_185641_000000543104_00272_48993_5301.N1	13-JUL-2011 18:56:41	Straylight	54.000	63	Bet Gru	2.1500	2800.0	108	48993	No
232	GOM_NL__2PRFIN20110713_185819_000000473104_00272_48993_5302.N1	13-JUL-2011 18:58:19	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	48993	No
233	GOM_NL__2PRFIN20110713_190129_000000513104_00272_48993_5303.N1	13-JUL-2011 19:01:29	Straylight	51.000	172	Gam Gru	3.0030	13100.	102	48993	No
234	GOM_NL__2PRFIN20110713_190819_000000403104_00272_48993_5304.N1	13-JUL-2011 19:08:19	Bright	40.000	103	38Zet Sgr	2.6000	9700.0	80	48993	No
235	GOM_NL__2PRFIN20110713_191049_000000403104_00272_48993_5305.N1	13-JUL-2011 19:10:49	Bright	40.000	155	41Pi Sgr	2.9000	6600.0	80	48993	No
236	GOM_NL__2PRFIN20110713_192133_000000413104_00272_48993_5306.N1	13-JUL-2011 19:21:33	Bright	41.000	168	17Zet Aql	2.9860	11000.	82	48993	No
237	GOM_NL__2PRFIN20110713_192835_000000373104_00272_48993_5307.N1	13-JUL-2011 19:28:35	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	48993	No
238	GOM_NL__2PRFIN20110713_193153_000000393104_00272_48993_5308.N1	13-JUL-2011 19:31:53	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	48993	No
239	GOM_NL__2PRFIN20110713_193905_000000453104_00272_48993_5309.N1	13-JUL-2011 19:39:05	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	48993	No
240	GOM_NL__2PRFIN20110713_194751_000000483104_00272_48993_5310.N1	13-JUL-2011 19:47:51	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	48993	No
241	GOM_NL__2PRFIN20110713_195245_000000613104_00272_48993_5311.N1	13-JUL-2011 19:52:45	Bright	61.000	160	23Gam Per	2.9300	4700.0	122	48993	No
242	GOM_NL__2PRFIN20110713_195405_000000493104_00272_48993_5312.N1	13-JUL-2011 19:54:05	Bright	49.000	35	33Alp Per	1.7950	6250.0	98	48993	No
243	GOM_NL__2PRFIN20110713_195659_000000463104_00272_48993_5313.N1	13-JUL-2011 19:56:59	Bright	45.500	79	26Bet Per	2.3100	13100.	91	48993	No
244	GOM_NL__2PRFIN20110713_195949_000000423104_00272_48993_5314.N1	13-JUL-2011 19:59:49	Twi_and_stray	42.000	150	44Zet Per	2.8900	28000.	84	48993	No
245	GOM_NL__2PRFIN20110713_200220_000000453104_00272_48993_5315.N1	13-JUL-2011 20:02:20	Twilight	44.500	146	25Eta Tau	2.8730	15200.	89	48993	No
246	GOM_NL__2PRFIN20110713_200355_000000453104_00272_48993_5316.N1	13-JUL-2011 20:03:55	Twilight	44.500	13	87Alp Tau	0.86700	3800.0	89	48993	No
247	GOM_NL__2PRFIN20110713_201005_000000583104_00272_48993_5317.N1	13-JUL-2011 20:10:05	Dark	57.500	94	92Alp Cet	2.5260	3100.0	115	48993	No
248	GOM_NL__2PRFIN20110713_201314_000000473104_00272_48993_5318.N1	13-JUL-2011 20:13:14	Dark	46.500	165	34Gam Eri	2.9500	3200.0	93	48993	No
249	GOM_NL__2PRFIN20110713_202208_000000413104_00272_48993_5319.N1	13-JUL-2011 20:22:08	Dark	41.000	157	The1Eri	2.9060	9300.0	82	48993	No
250	GOM_NL__2PRFIN20110713_202817_000000513104_00273_48994_5312.N1	13-JUL-2011 20:28:17	Dark	50.500	9	Alp Eri	0.45300	24000.	101	48994	No
251	GOM_NL__2PRFIN20110713_203103_000000503104_00273_48994_5313.N1	13-JUL-2011 20:31:03	Dark	49.500	84	Alp Phe	2.3970	4500.0	99	48994	No
252	GOM_NL__2PRFIN20110713_203655_000000523104_00273_48994_5314.N1	13-JUL-2011 20:36:55	Straylight	51.500	63	Bet Gru	2.1500	2800.0	103	48994	No
253	GOM_NL__2PRFIN20110713_203833_000000483104_00273_48994_5315.N1	13-JUL-2011 20:38:33	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	48994	No
254	GOM_NL__2PRFIN20110713_204144_000000533104_00273_48994_5316.N1	13-JUL-2011 20:41:44	Straylight	52.500	172	Gam Gru	3.0030	13100.	105	48994	No
255	GOM_NL__2PRFIN20110713_204833_000000553104_00273_48994_5317.N1	13-JUL-2011 20:48:33	Bright	55.000	103	38Zet Sgr	2.6000	9700.0	110	48994	No
256	GOM_NL__2PRFIN20110713_205103_000000413104_00273_48994_5318.N1	13-JUL-2011 20:51:03	Bright	40.500	155	41Pi Sgr	2.9000	6600.0	81	48994	No
257	GOM_NL__2PRFIN20110713_210147_000000403104_00273_48994_5319.N1	13-JUL-2011 21:01:47	Bright	39.500	168	17Zet Aql	2.9860	11000.	79	48994	No
258	GOM_NL__2PRFIN20110713_210849_000000373104_00273_48994_5320.N1	13-JUL-2011 21:08:49	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	48994	No
259	GOM_NL__2PRFIN20110713_211207_000000413104_00273_48994_5321.N1	13-JUL-2011 21:12:07	Bright	41.000	69	33Gam Dra	2.2310	3800.0	82	48994	No
260	GOM_NL__2PRFIN20110713_211918_000000443104_00273_48994_5322.N1	13-JUL-2011 21:19:18	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	48994	No
261	GOM_NL__2PRFIN20110713_212804_000000463104_00273_48994_5323.N1	13-JUL-2011 21:28:04	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	48994	No
262	GOM_NL__2PRFIN20110713_213259_000000503104_00273_48994_5324.N1	13-JUL-2011 21:32:59	Bright	49.500	160	23Gam Per	2.9300	4700.0	99	48994	No
263	GOM_NL__2PRFIN20110713_213419_000000483104_00273_48994_5325.N1	13-JUL-2011 21:34:19	Bright	47.500	35	33Alp Per	1.7950	6250.0	95	48994	No
264	GOM_NL__2PRFIN20110713_213713_000000513104_00273_48994_5326.N1	13-JUL-2011 21:37:13	Bright	50.500	79	26Bet Per	2.3100	13100.	101	48994	No
265	GOM_NL__2PRFIN20110713_214003_000000453104_00273_48994_5327.N1	13-JUL-2011 21:40:03	Twi_and_stray	44.500	150	44Zet Per	2.8900	28000.	89	48994	No
266	GOM_NL__2PRFIN20110713_214234_000000453104_00273_48994_5328.N1	13-JUL-2011 21:42:34	Twilight	44.500	146	25Eta Tau	2.8730	15200.	89	48994	No
267	GOM_NL__2PRFIN20110713_214410_000000453104_00273_48994_5329.N1	13-JUL-2011 21:44:10	Twilight	45.000	13	87Alp Tau	0.86700	3800.0	90	48994	No
268	GOM_NL__2PRFIN20110713_215019_000000563104_00273_48994_5330.N1	13-JUL-2011 21:50:19	Dark	56.000	94	92Alp Cet	2.5260	3100.0	112	48994	No
269	GOM_NL__2PRFIN20110713_215328_000000473104_00273_48994_5331.N1	13-JUL-2011 21:53:28	Dark	46.500	165	34Gam Eri	2.9500	3200.0	93	48994	No
270	GOM_NL__2PRFIN20110713_220223_000000433104_00273_48994_5332.N1	13-JUL-2011 22:02:23	Dark	43.000	157	The1Eri	2.9060	9300.0	86	48994	No
271	GOM_NL__2PRFIN20110713_220831_000000513104_00274_48995_5324.N1	13-JUL-2011 22:08:31	Dark	51.000	9	Alp Eri	0.45300	24000.	102	48995	No
272	GOM_NL__2PRFIN20110713_221118_000000533104_00274_48995_5325.N1	13-JUL-2011 22:11:18	Dark	53.000	84	Alp Phe	2.3970	4500.0	106	48995	No
273	GOM_NL__2PRFIN20110713_221710_000000623104_00274_48995_5326.N1	13-JUL-2011 22:17:10	Straylight	62.000	63	Bet Gru	2.1500	2800.0	124	48995	No
274	GOM_NL__2PRFIN20110713_221848_000000463104_00274_48995_5327.N1	13-JUL-2011 22:18:48	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	48995	No
275	GOM_NL__2PRFIN20110713_222159_000000523104_00274_48995_5328.N1	13-JUL-2011 22:21:59	Straylight	52.000	172	Gam Gru	3.0030	13100.	104	48995	No
276	GOM_NL__2PRFIN20110713_222847_000000423104_00274_48995_5329.N1	13-JUL-2011 22:28:47	Bright	42.000	103	38Zet Sgr	2.6000	9700.0	84	48995	No
277	GOM_NL__2PRFIN20110713_223117_000000403104_00274_48995_5330.N1	13-JUL-2011 22:31:17	Bright	40.000	155	41Pi Sgr	2.9000	6600.0	80	48995	No
278	GOM_NL__2PRFIN20110713_224200_000000393104_00274_48995_5331.N1	13-JUL-2011 22:42:00	Bright	38.500	168	17Zet Aql	2.9860	11000.	77	48995	No

279	GOM_NL__2PRFIN20110713_224902_000000373104_00274_48995_5332.N1	13-JUL-2011 22:49:02	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	48995	No
280	GOM_NL__2PRFIN20110713_225220_000000343104_00274_48995_5333.N1	13-JUL-2011 22:52:20	Bright	34.000	69	33Gam Dra	2.2310	3800.0	68	48995	No
281	GOM_NL__2PRFIN20110713_225932_000000413104_00274_48995_5334.N1	13-JUL-2011 22:59:32	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	48995	No
282	GOM_NL__2PRFIN20110713_230818_000000603104_00274_48995_5335.N1	13-JUL-2011 23:08:18	Bright	59.500	76	27Gam Cas	2.3000	30000.	119	48995	No
283	GOM_NL__2PRFIN20110713_231313_000000613104_00274_48995_5336.N1	13-JUL-2011 23:13:13	Bright	61.000	160	23Gam Per	2.9300	4700.0	122	48995	No
284	GOM_NL__2PRFIN20110713_231433_000000543104_00274_48995_5337.N1	13-JUL-2011 23:14:33	Bright	53.500	35	33Alp Per	1.7950	6250.0	107	48995	No
285	GOM_NL__2PRFIN20110713_231727_000000453104_00274_48995_5338.N1	13-JUL-2011 23:17:27	Bright	44.500	79	26Bet Per	2.3100	13100.	89	48995	No
286	GOM_NL__2PRFIN20110713_232017_000000423104_00274_48995_5339.N1	13-JUL-2011 23:20:17	Twilight	42.000	150	44Zet Per	2.8900	28000.	84	48995	No
287	GOM_NL__2PRFIN20110713_232249_000000453104_00274_48995_5340.N1	13-JUL-2011 23:22:49	Twilight	45.000	146	25Eta Tau	2.8730	15200.	90	48995	No
288	GOM_NL__2PRFIN20110713_232424_000000453104_00274_48995_5341.N1	13-JUL-2011 23:24:24	Twilight	44.500	13	87Alp Tau	0.86700	3800.0	89	48995	No
289	GOM_NL__2PRFIN20110713_233034_000000593104_00274_48995_5342.N1	13-JUL-2011 23:30:34	Dark	59.000	94	92Alp Cet	2.5260	3100.0	118	48995	No
290	GOM_NL__2PRFIN20110713_233342_000000473104_00274_48995_5343.N1	13-JUL-2011 23:33:42	Dark	46.500	165	34Gam Eri	2.9500	3200.0	93	48995	No

### 3. Quality information per product

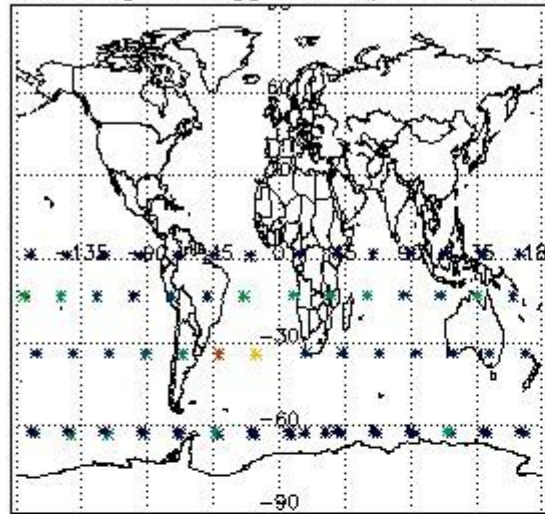
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

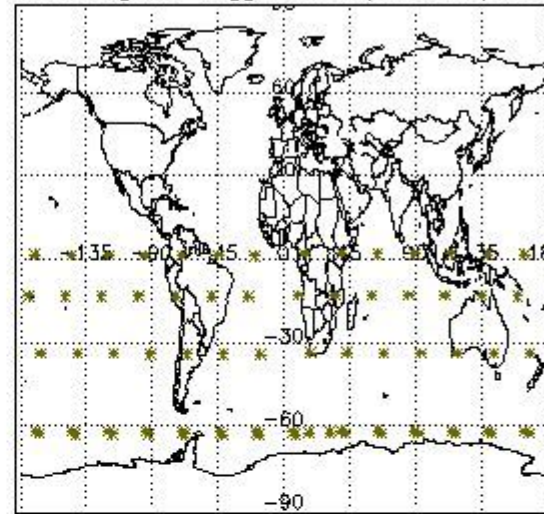


#### 3.2 Plot quality information per product (world map)

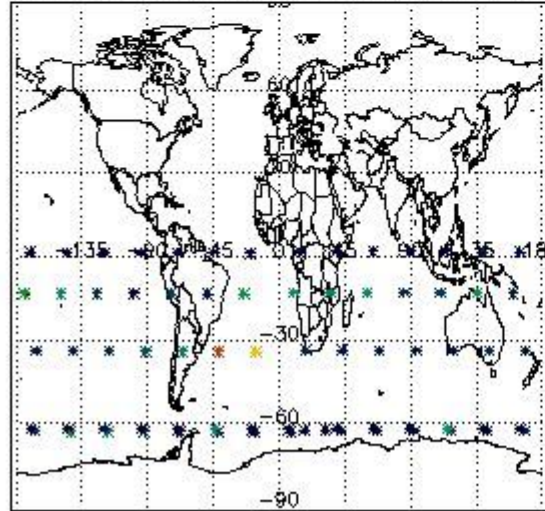
Percentage of flagged data per O3 profile



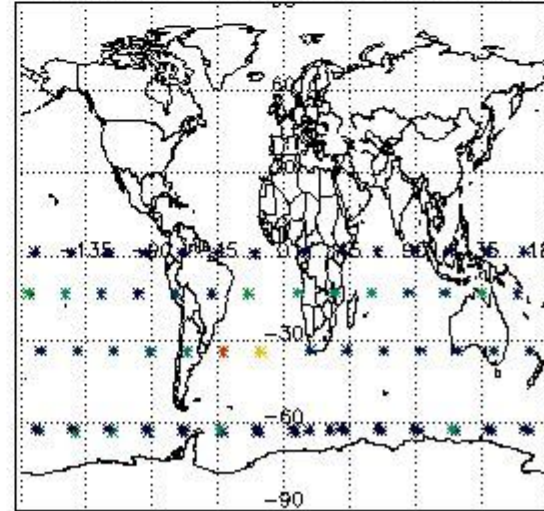
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



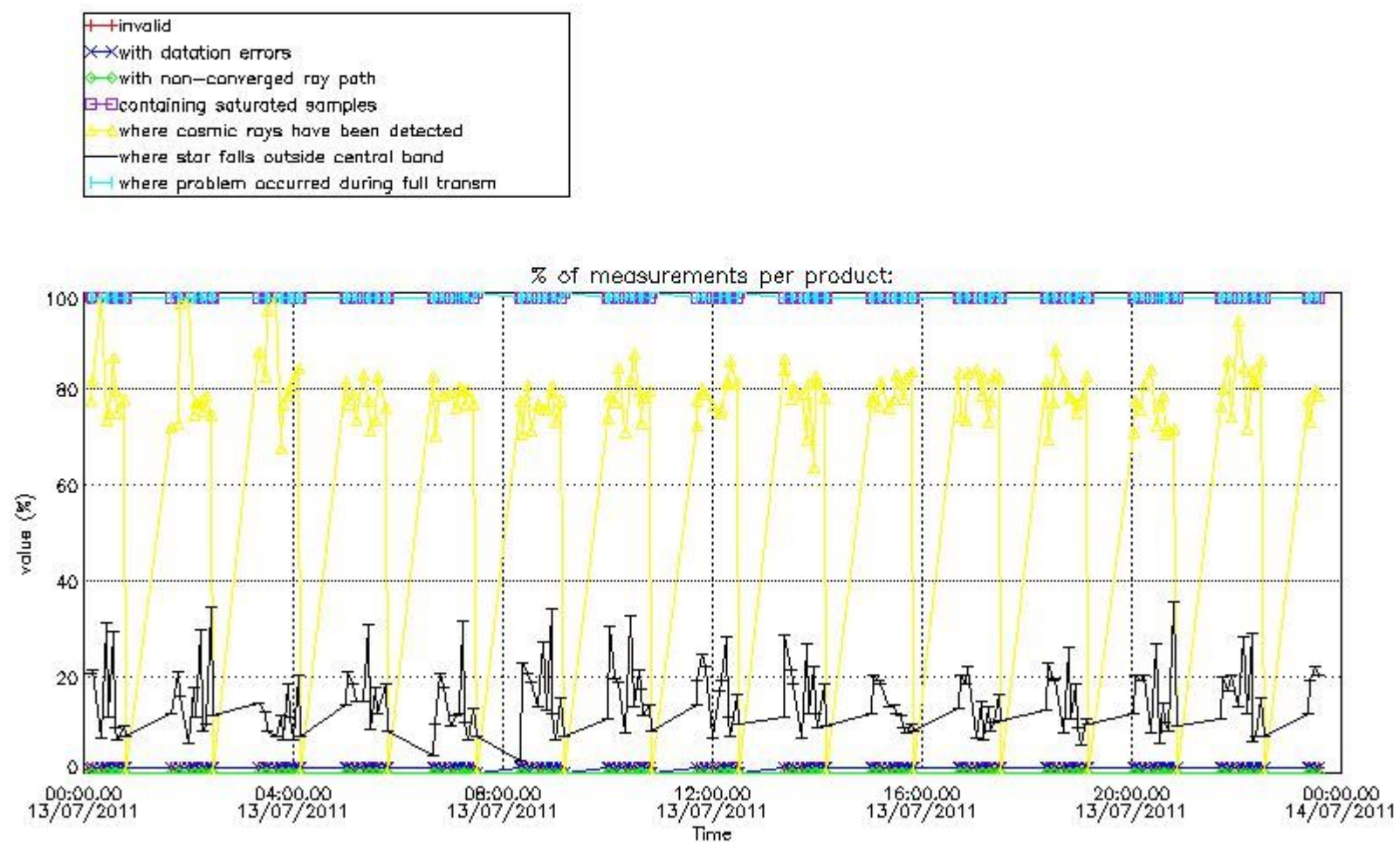
#### 4. Level 1 quality information per product

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

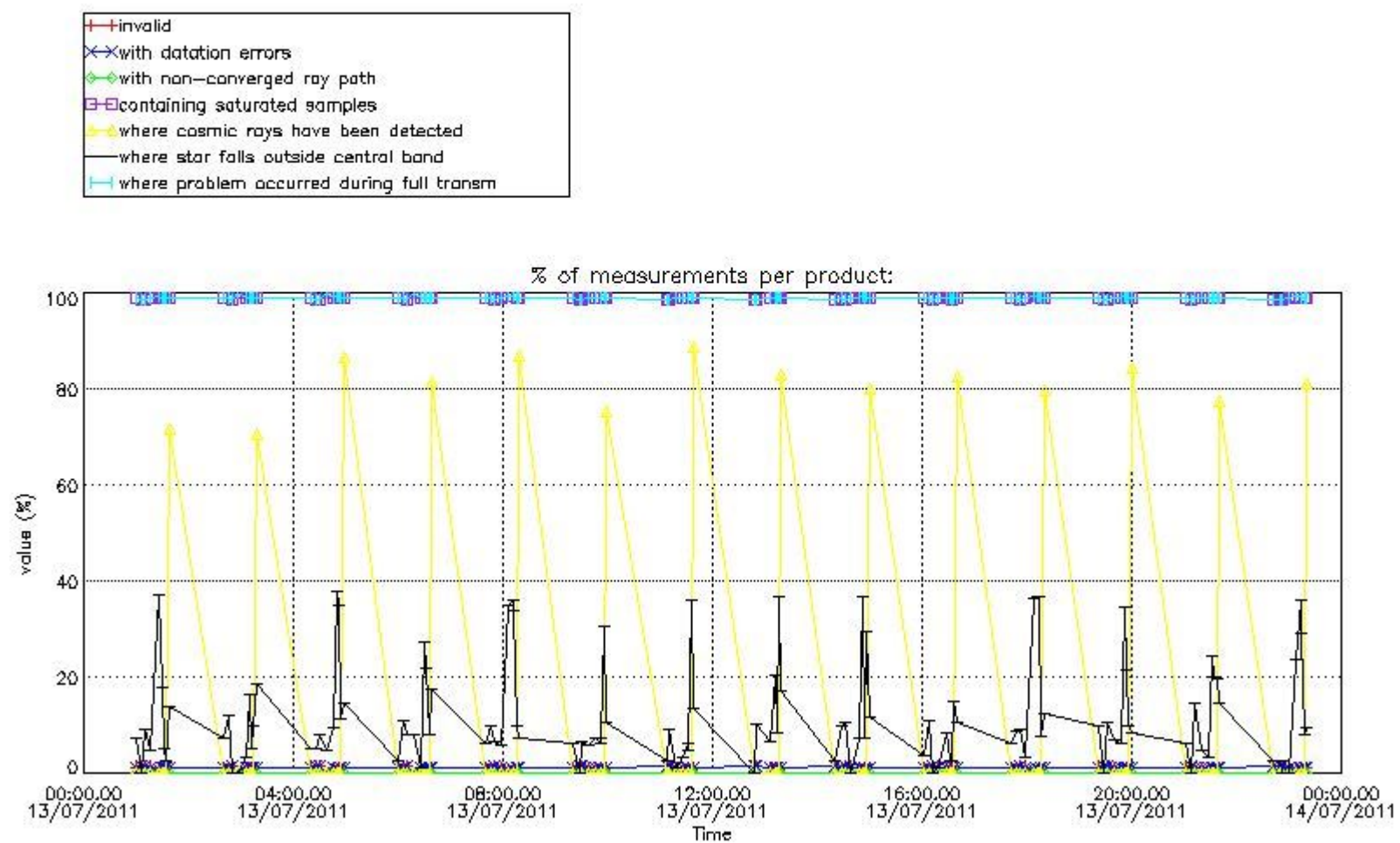
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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



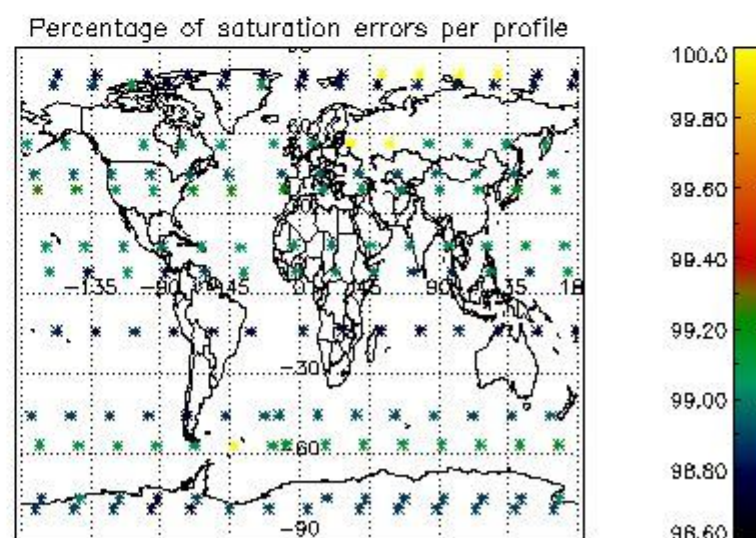
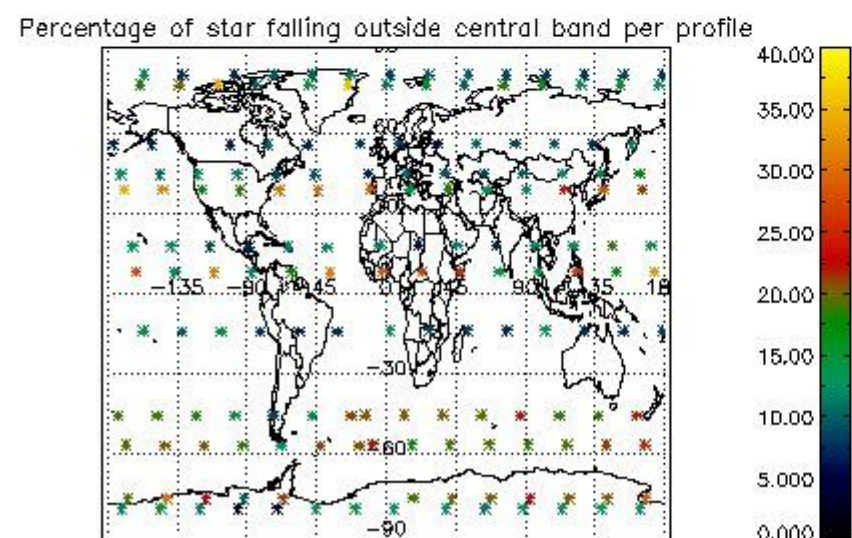
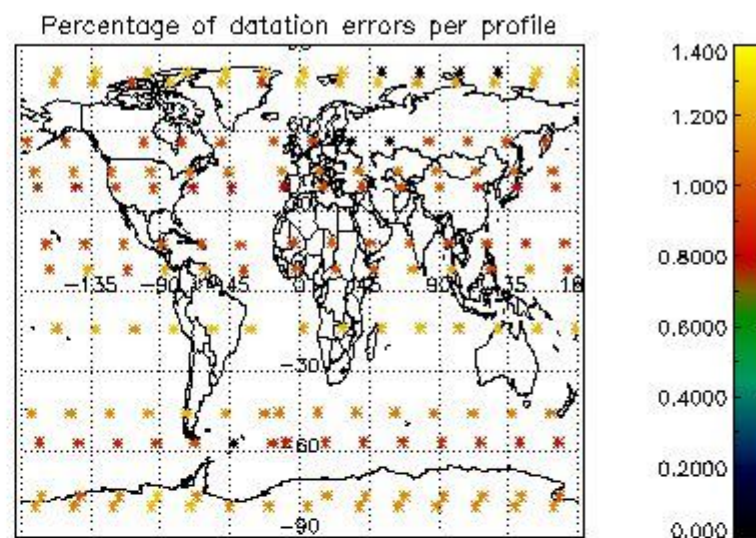
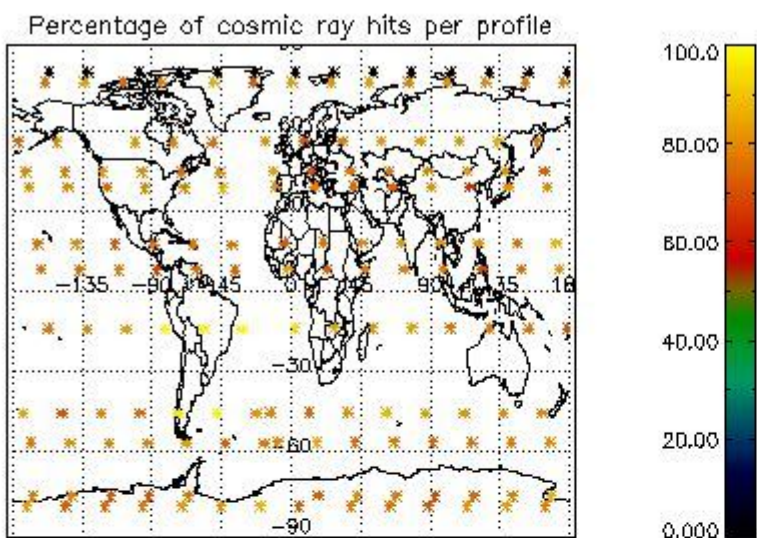


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

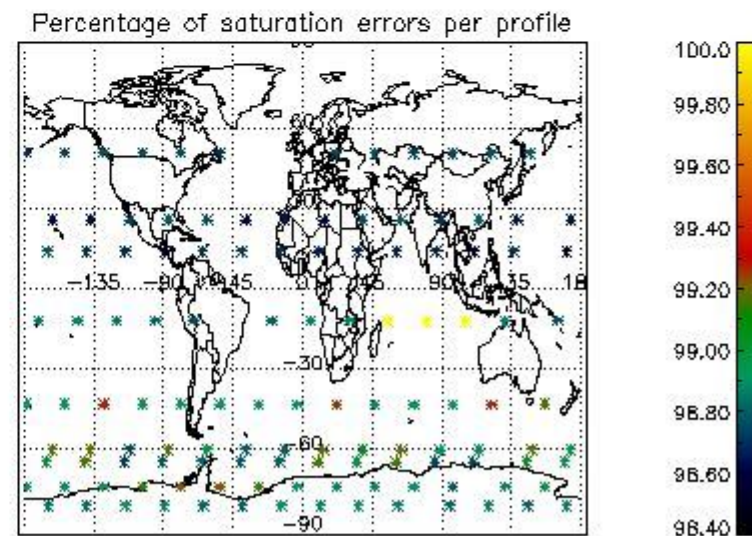
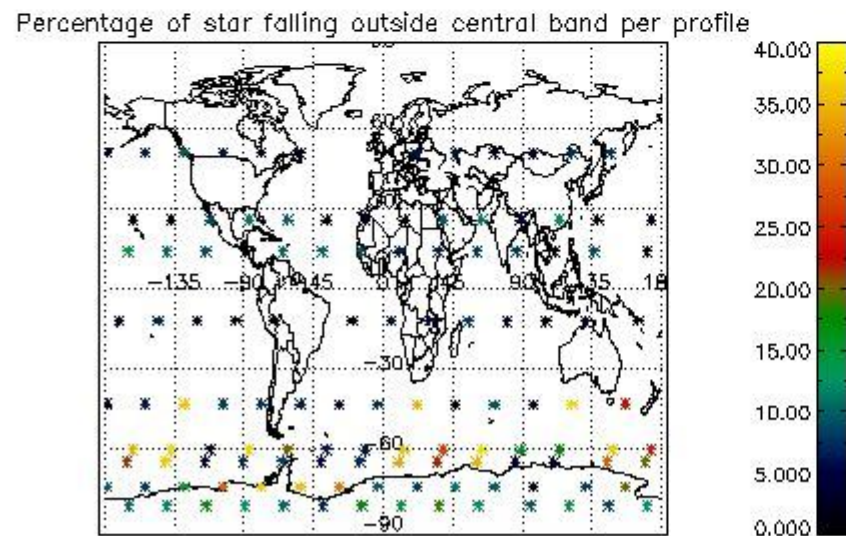
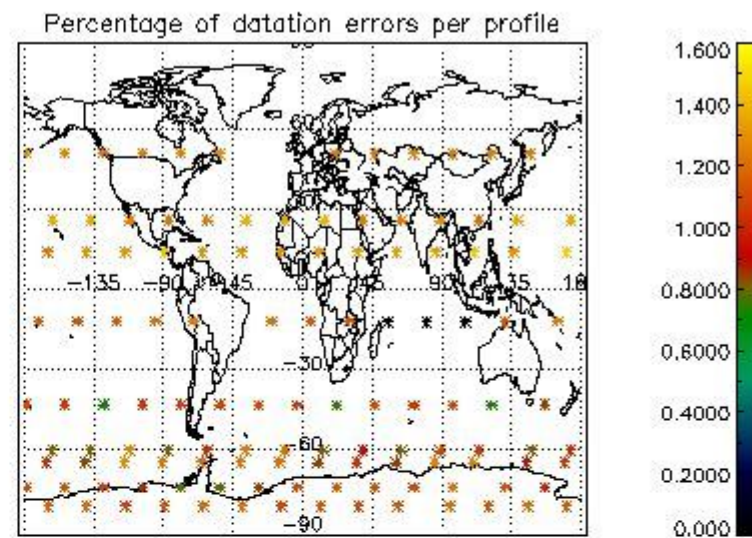
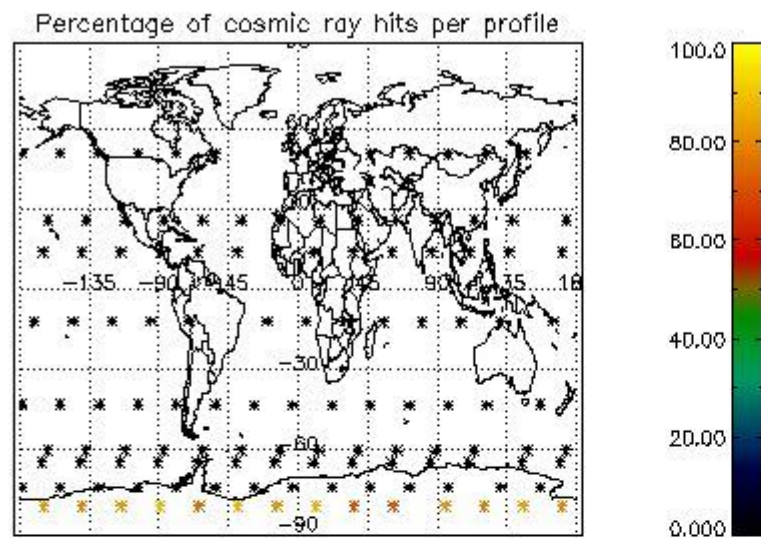


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

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

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

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

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

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

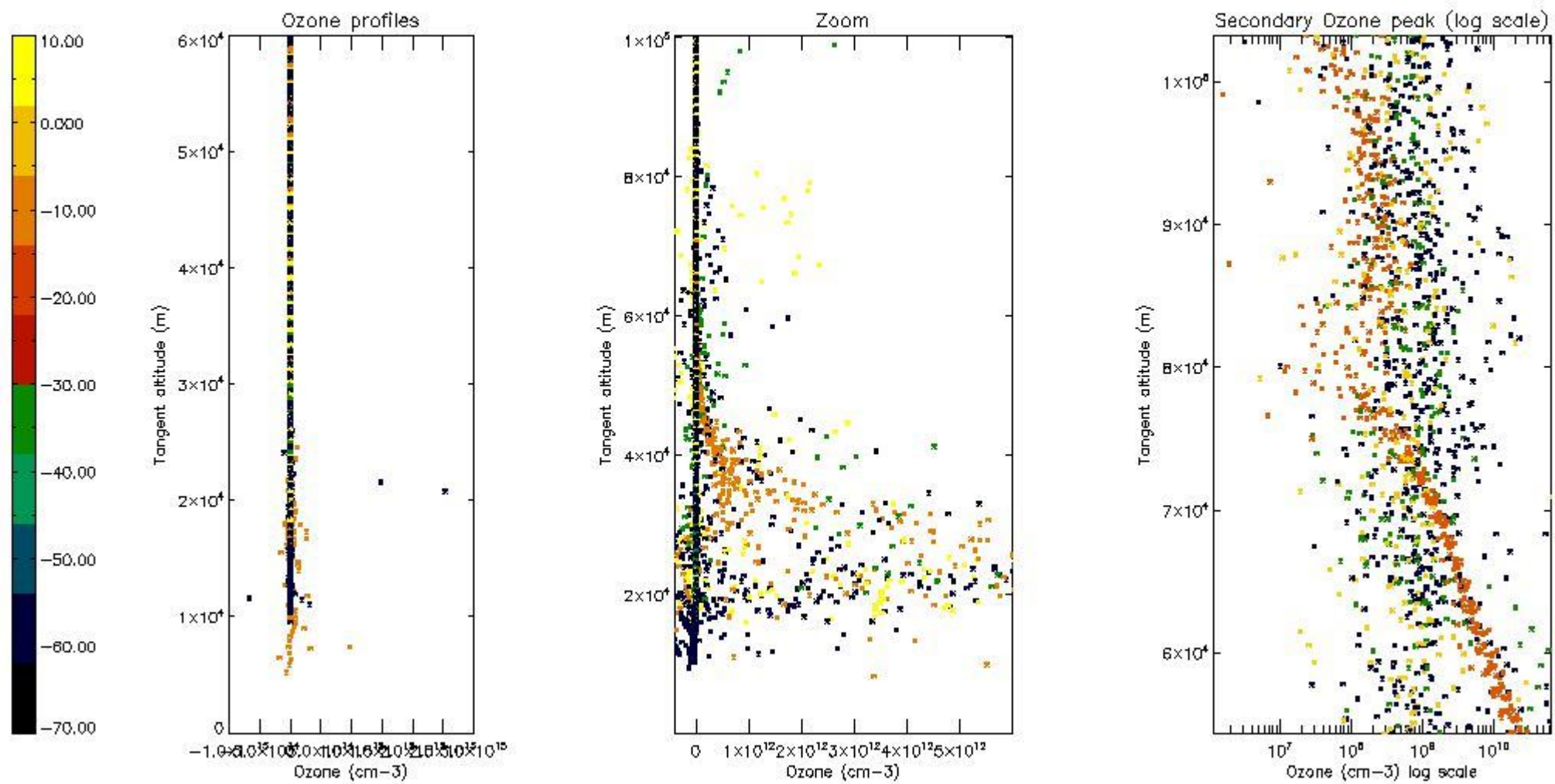
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	26
STD < 20	3

STD < 10	1
STD < 5	0

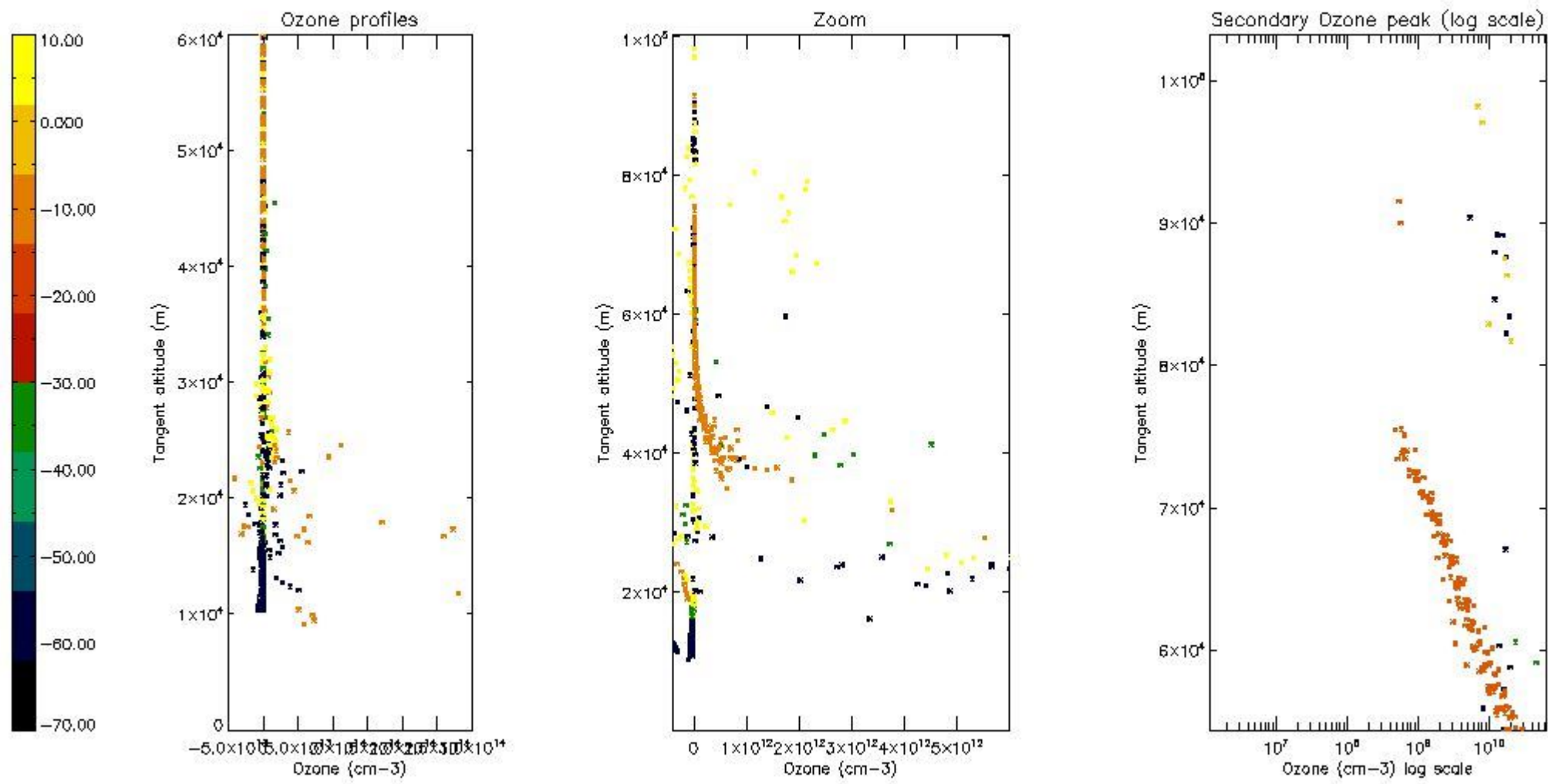
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



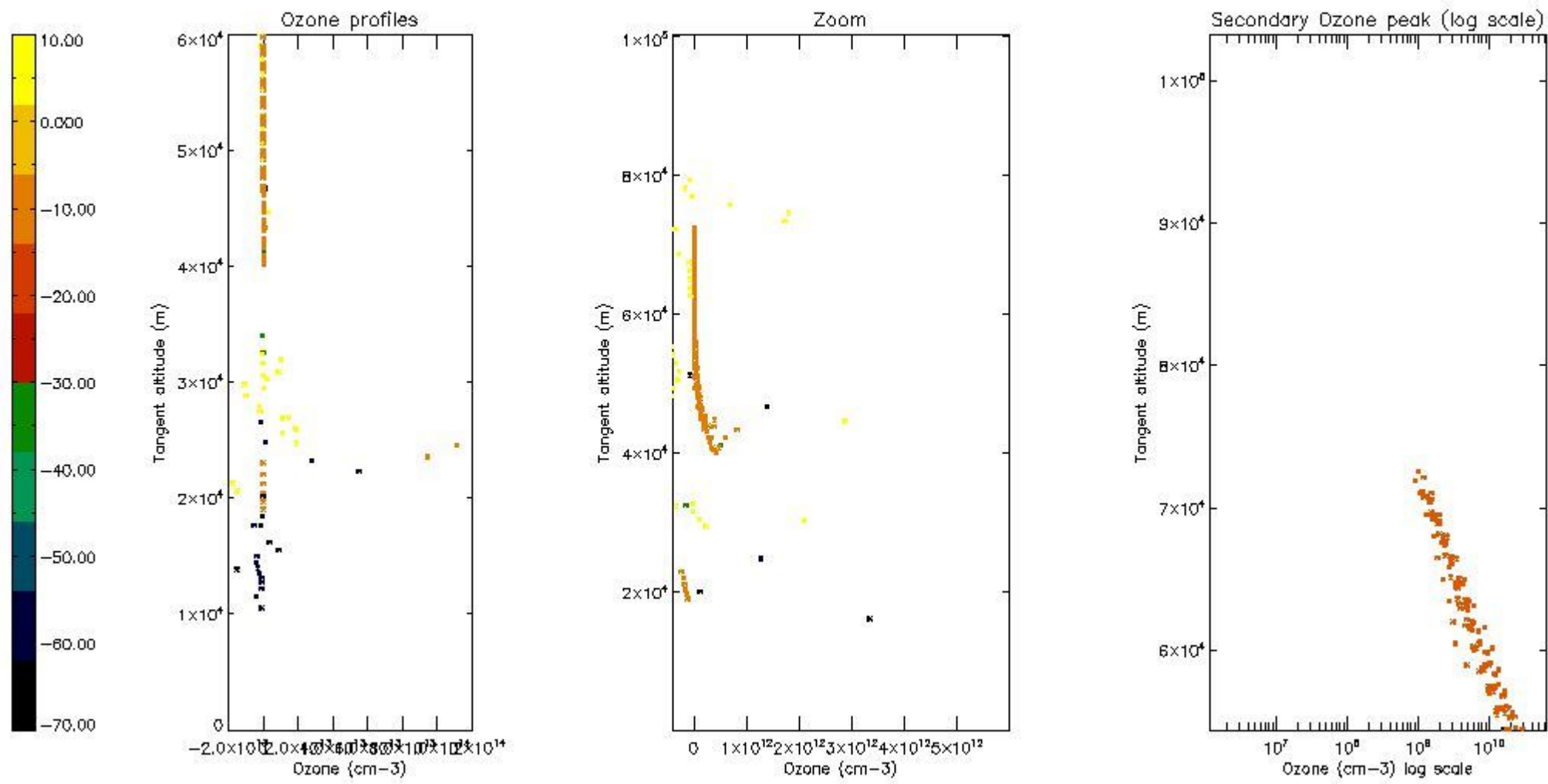
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



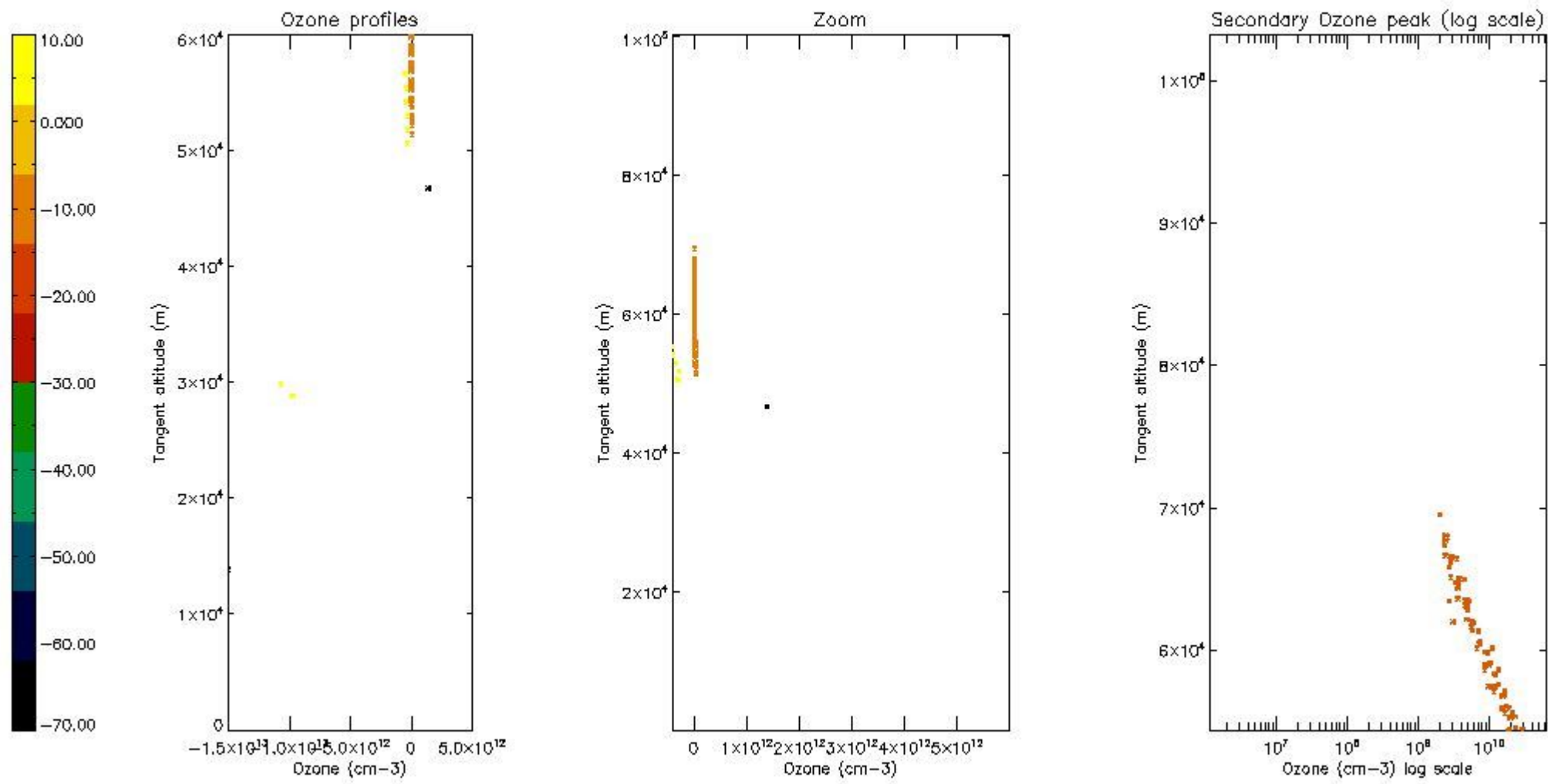
5.4 Plot ozone profiles where  $STD < 10\%$  (dark without errors)

The colorbar represents the latitude.



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

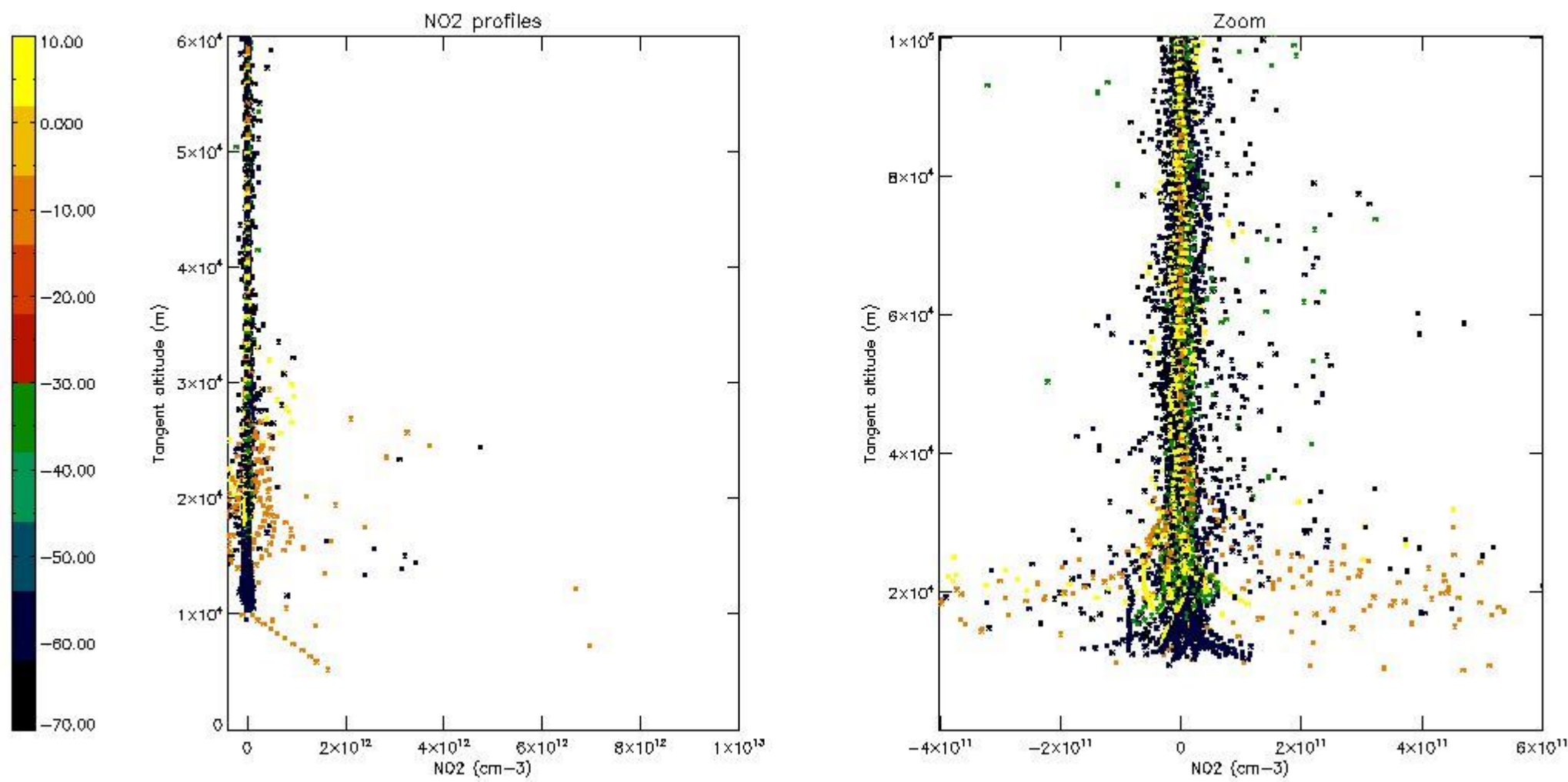
The colorbar represents the latitude.



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

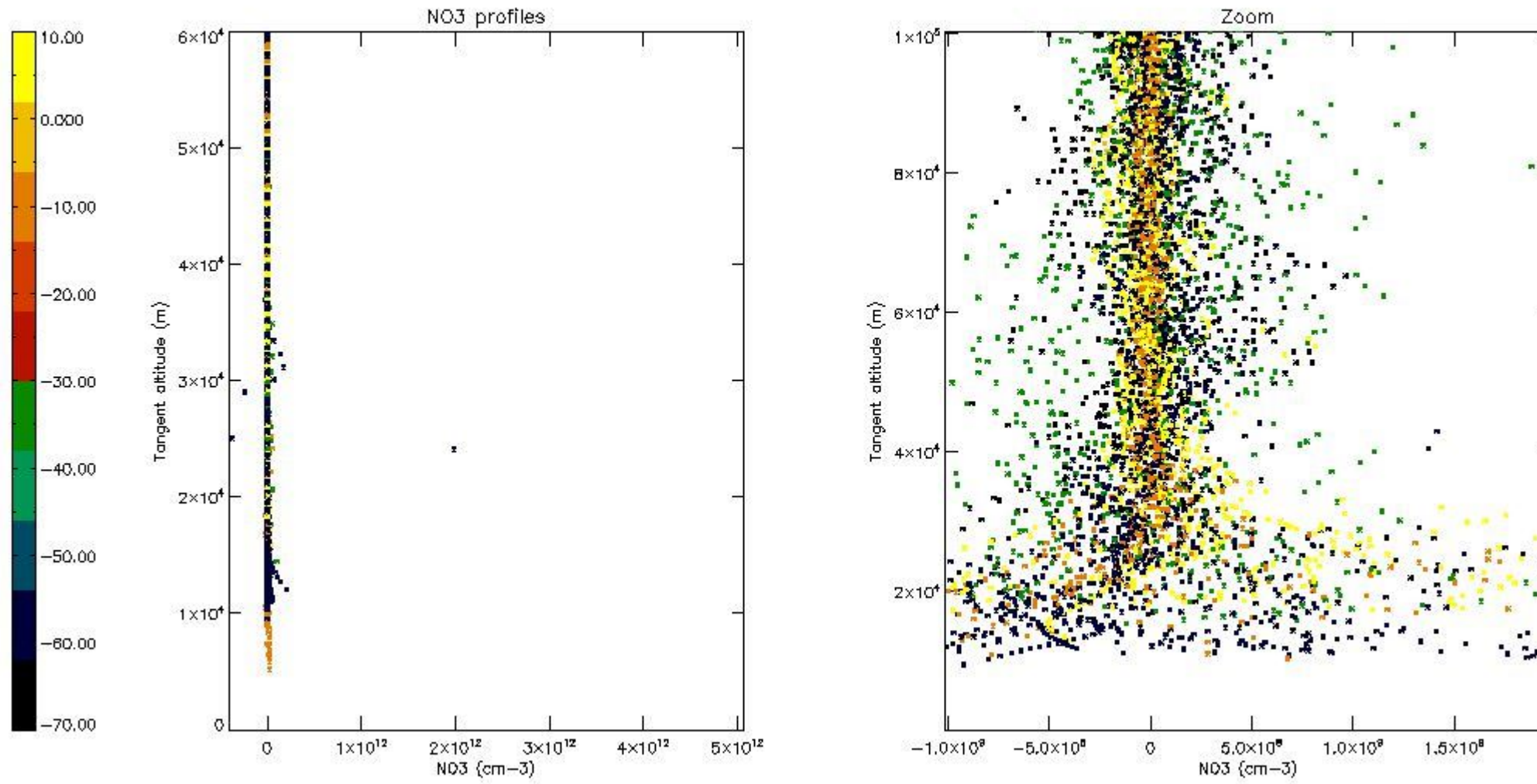
The colorbar represents the latitude.





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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	13-JUL-2011 00:07:08
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	13-JUL-2011 00:07:08
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	13-JUL-2011 00:07:08

# GOMOS Level 2 Daily Report

## SUMMARY

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

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

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

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

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

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

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

##### [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](#)

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	24APR2013 15:44:09
Data source version	GOMOS/6.01
Start time of products	13-07-2011 (13JUL2011 00:00:00)
Stop time of products	14-07-2011 (14JUL2011 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	290
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__2PRFIN20110713_000708_00000583104_00260_48981_5184.N1	13-JUL-2011 00:07:08	Dark	57.500	94	92Alp Cet	2.5260	3100.0	115	48981	No
2	GOM_NL__2PRFIN20110713_001020_00000473104_00260_48981_5185.N1	13-JUL-2011 00:10:20	Dark	47.000	165	34Gam Eri	2.9500	3200.0	94	48981	No
3	GOM_NL__2PRFIN20110713_001912_00000413104_00260_48981_5186.N1	13-JUL-2011 00:19:12	Dark	40.500	157	The1Eri	2.9060	9300.0	81	48981	No
4	GOM_NL__2PRFIN20110713_002521_00000553104_00261_48982_5167.N1	13-JUL-2011 00:25:21	Dark	54.500	9	Alp Eri	0.45300	24000.	109	48982	No
5	GOM_NL__2PRFIN20110713_002801_00000523104_00261_48982_5168.N1	13-JUL-2011 00:28:01	Dark	52.000	84	Alp Phe	2.3970	4500.0	104	48982	No
6	GOM_NL__2PRFIN20110713_003357_00000633104_00261_48982_5169.N1	13-JUL-2011 00:33:57	Straylight	62.500	63	Bet Gru	2.1500	2800.0	125	48982	No
7	GOM_NL__2PRFIN20110713_003536_00000473104_00261_48982_5170.N1	13-JUL-2011 00:35:36	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	48982	No
8	GOM_NL__2PRFIN20110713_003847_00000523104_00261_48982_5171.N1	13-JUL-2011 00:38:47	Straylight	52.000	172	Gam Gru	3.0030	13100.	104	48982	No
9	GOM_NL__2PRFIN20110713_004542_00000413104_00261_48982_5172.N1	13-JUL-2011 00:45:42	Bright	40.500	103	38Zet Sgr	2.6000	9700.0	81	48982	No
10	GOM_NL__2PRFIN20110713_004813_00000403104_00261_48982_5173.N1	13-JUL-2011 00:48:13	Bright	40.000	155	41Pi Sgr	2.9000	6600.0	80	48982	No
11	GOM_NL__2PRFIN20110713_005901_00000413104_00261_48982_5174.N1	13-JUL-2011 00:59:01	Bright	41.000	168	17Zet Aql	2.9860	11000.	82	48982	No
12	GOM_NL__2PRFIN20110713_010603_00000373104_00261_48982_5175.N1	13-JUL-2011 01:06:03	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	48982	No
13	GOM_NL__2PRFIN20110713_010919_00000393104_00261_48982_5176.N1	13-JUL-2011 01:09:19	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	48982	No
14	GOM_NL__2PRFIN20110713_011638_00000443104_00261_48982_5177.N1	13-JUL-2011 01:16:38	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	48982	No
15	GOM_NL__2PRFIN20110713_012523_00000693104_00261_48982_5178.N1	13-JUL-2011 01:25:23	Bright	69.000	76	27Gam Cas	2.3000	30000.	138	48982	No
16	GOM_NL__2PRFIN20110713_013013_00000483104_00261_48982_5179.N1	13-JUL-2011 01:30:13	Bright	47.500	160	23Gam Per	2.9300	4700.0	95	48982	No
17	GOM_NL__2PRFIN20110713_013132_00000403104_00261_48982_5180.N1	13-JUL-2011 01:31:32	Bright	40.000	35	33Alp Per	1.7950	6250.0	80	48982	No
18	GOM_NL__2PRFIN20110713_013425_00000413104_00261_48982_5181.N1	13-JUL-2011 01:34:25	Bright	41.000	79	26Bet Per	2.3100	13100.	82	48982	No
19	GOM_NL__2PRFIN20110713_013713_00000443104_00261_48982_5182.N1	13-JUL-2011 01:37:13	Bright	44.000	150	44Zet Per	2.8900	28000.	88	48982	No
20	GOM_NL__2PRFIN20110713_013944_00000453104_00261_48982_5183.N1	13-JUL-2011 01:39:44	Twilight	44.500	146	25Eta Tau	2.8730	15200.	89	48982	No
21	GOM_NL__2PRFIN20110713_014723_00000573104_00261_48982_5184.N1	13-JUL-2011 01:47:23	Dark	57.000	94	92Alp Cet	2.5260	3100.0	114	48982	No
22	GOM_NL__2PRFIN20110713_015034_00000443104_00261_48982_5185.N1	13-JUL-2011 01:50:34	Dark	44.000	165	34Gam Eri	2.9500	3200.0	88	48982	No
23	GOM_NL__2PRFIN20110713_015927_00000403104_00261_48982_5186.N1	13-JUL-2011 01:59:27	Dark	40.000	157	The1Eri	2.9060	9300.0	80	48982	No
24	GOM_NL__2PRFIN20110713_020536_00000453104_00262_48983_5167.N1	13-JUL-2011 02:05:36	Dark	45.000	9	Alp Eri	0.45300	24000.	90	48983	No
25	GOM_NL__2PRFIN20110713_020816_00000523104_00262_48983_5168.N1	13-JUL-2011 02:08:16	Dark	52.000	84	Alp Phe	2.3970	4500.0	104	48983	No
26	GOM_NL__2PRFIN20110713_021412_00000623104_00262_48983_5169.N1	13-JUL-2011 02:14:12	Straylight	62.000	63	Bet Gru	2.1500	2800.0	124	48983	No
27	GOM_NL__2PRFIN20110713_021551_00000473104_00262_48983_5170.N1	13-JUL-2011 02:15:51	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	48983	No
28	GOM_NL__2PRFIN20110713_021902_00000543104_00262_48983_5171.N1	13-JUL-2011 02:19:02	Straylight	53.500	172	Gam Gru	3.0030	13100.	107	48983	No
29	GOM_NL__2PRFIN20110713_022557_00000553104_00262_48983_5172.N1	13-JUL-2011 02:25:57	Bright	55.000	103	38Zet Sgr	2.6000	9700.0	110	48983	No
30	GOM_NL__2PRFIN20110713_022827_00000423104_00262_48983_5173.N1	13-JUL-2011 02:28:27	Bright	41.500	155	41Pi Sgr	2.9000	6600.0	83	48983	No
31	GOM_NL__2PRFIN20110713_023915_00000413104_00262_48983_5174.N1	13-JUL-2011 02:39:15	Bright	40.500	168	17Zet Aql	2.9860	11000.	81	48983	No
32	GOM_NL__2PRFIN20110713_024617_00000423104_00262_48983_5175.N1	13-JUL-2011 02:46:17	Bright	41.500	5	3Alp Lyr	0.033000	11000.	83	48983	No
33	GOM_NL__2PRFIN20110713_024933_00000353104_00262_48983_5176.N1	13-JUL-2011 02:49:33	Bright	34.500	69	33Gam Dra	2.2310	3800.0	69	48983	No
34	GOM_NL__2PRFIN20110713_025651_00000403104_00262_48983_5177.N1	13-JUL-2011 02:56:51	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	48983	No
35	GOM_NL__2PRFIN20110713_030536_00000463104_00262_48983_5178.N1	13-JUL-2011 03:05:36	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	48983	No
36	GOM_NL__2PRFIN20110713_031027_00000463104_00262_48983_5179.N1	13-JUL-2011 03:10:27	Bright	46.000	160	23Gam Per	2.9300	4700.0	92	48983	No
37	GOM_NL__2PRFIN20110713_031146_00000403104_00262_48983_5180.N1	13-JUL-2011 03:11:46	Bright	40.000	35	33Alp Per	1.7950	6250.0	80	48983	No
38	GOM_NL__2PRFIN20110713_031439_00000463104_00262_48983_5181.N1	13-JUL-2011 03:14:39	Bright	45.500	79	26Bet Per	2.3100	13100.	91	48983	No
39	GOM_NL__2PRFIN20110713_031727_00000463104_00262_48983_5182.N1	13-JUL-2011 03:17:27	Tw_and_stray	46.000	150	44Zet Per	2.8900	28000.	92	48983	No
40	GOM_NL__2PRFIN20110713_031958_00000453104_00262_48983_5183.N1	13-JUL-2011 03:19:58	Twilight	45.000	146	25Eta Tau	2.8730	15200.	90	48983	No
41	GOM_NL__2PRFIN20110713_032738_00000523104_00262_48983_5184.N1	13-JUL-2011 03:27:38	Dark	51.500	94	92Alp Cet	2.5260	3100.0	103	48983	No
42	GOM_NL__2PRFIN20110713_033049_00000413104_00262_48983_5185.N1	13-JUL-2011 03:30:49	Dark	40.500	165	34Gam Eri	2.9500	3200.0	81	48983	No

43	GOM_NL__2PRFIN20110713_033942_000000403104_00262_48983_5186.N1	13-JUL-2011 03:39:42	Dark	40.000	157	The1Eri	2.9060	9300.0	80	48983	No
44	GOM_NL__2PRFIN20110713_034551_000000423104_00263_48984_5167.N1	13-JUL-2011 03:45:51	Dark	41.500	9	Alp Eri	0.45300	24000.	83	48984	No
45	GOM_NL__2PRFIN20110713_034831_000000503104_00263_48984_5168.N1	13-JUL-2011 03:48:31	Dark	49.500	84	Alp Phe	2.3970	4500.0	99	48984	No
46	GOM_NL__2PRFIN20110713_035427_000000543104_00263_48984_5169.N1	13-JUL-2011 03:54:27	Straylight	54.000	63	Bet Gru	2.1500	2800.0	108	48984	No
47	GOM_NL__2PRFIN20110713_035606_000000483104_00263_48984_5170.N1	13-JUL-2011 03:56:06	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	48984	No
48	GOM_NL__2PRFIN20110713_035916_000000523104_00263_48984_5171.N1	13-JUL-2011 03:59:16	Straylight	52.000	172	Gam Gru	3.0030	13100.	104	48984	No
49	GOM_NL__2PRFIN20110713_040611_000000453104_00263_48984_5172.N1	13-JUL-2011 04:06:11	Bright	44.500	103	38Zet Sgr	2.6000	9700.0	89	48984	No
50	GOM_NL__2PRFIN20110713_040841_000000403104_00263_48984_5173.N1	13-JUL-2011 04:08:41	Bright	40.000	155	41Pi Sgr	2.9000	6600.0	80	48984	No
51	GOM_NL__2PRFIN20110713_041929_000000413104_00263_48984_5174.N1	13-JUL-2011 04:19:29	Bright	40.500	168	17Zet Aql	2.9860	11000.	81	48984	No
52	GOM_NL__2PRFIN20110713_042631_000000393104_00263_48984_5175.N1	13-JUL-2011 04:26:31	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	48984	No
53	GOM_NL__2PRFIN20110713_042947_000000383104_00263_48984_5176.N1	13-JUL-2011 04:29:47	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	48984	No
54	GOM_NL__2PRFIN20110713_043704_000000433104_00263_48984_5177.N1	13-JUL-2011 04:37:04	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	48984	No
55	GOM_NL__2PRFIN20110713_044550_000000483104_00263_48984_5178.N1	13-JUL-2011 04:45:50	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	48984	No
56	GOM_NL__2PRFIN20110713_045041_000000613104_00263_48984_5179.N1	13-JUL-2011 04:50:41	Bright	61.000	160	23Gam Per	2.9300	4700.0	122	48984	No
57	GOM_NL__2PRFIN20110713_045200_000000593104_00263_48984_5180.N1	13-JUL-2011 04:52:00	Bright	59.000	35	33Alp Per	1.7950	6250.0	118	48984	No
58	GOM_NL__2PRFIN20110713_045453_000000453104_00263_48984_5181.N1	13-JUL-2011 04:54:53	Bright	45.000	79	26Bet Per	2.3100	13100.	90	48984	No
59	GOM_NL__2PRFIN20110713_045742_000000453104_00263_48984_5182.N1	13-JUL-2011 04:57:42	Twilight	44.500	150	44Zet Per	2.8900	28000.	89	48984	No
60	GOM_NL__2PRFIN20110713_050012_000000463104_00263_48984_5183.N1	13-JUL-2011 05:00:12	Twilight	45.500	146	25Eta Tau	2.8730	15200.	91	48984	No
61	GOM_NL__2PRFIN20110713_050147_000000453104_00263_48984_5184.N1	13-JUL-2011 05:01:47	Twilight	45.000	13	87Alp Tau	0.86700	3800.0	90	48984	No
62	GOM_NL__2PRFIN20110713_050752_000000573104_00263_48984_5185.N1	13-JUL-2011 05:07:52	Dark	56.500	94	92Alp Cet	2.5260	3100.0	113	48984	No
63	GOM_NL__2PRFIN20110713_051103_000000443104_00263_48984_5186.N1	13-JUL-2011 05:11:03	Dark	43.500	165	34Gam Eri	2.9500	3200.0	87	48984	No
64	GOM_NL__2PRFIN20110713_051956_000000443104_00263_48984_5187.N1	13-JUL-2011 05:19:56	Dark	44.000	157	The1Eri	2.9060	9300.0	88	48984	No
65	GOM_NL__2PRFIN20110713_052605_000000543104_00264_48985_5167.N1	13-JUL-2011 05:26:05	Dark	53.500	9	Alp Eri	0.45300	24000.	107	48985	No
66	GOM_NL__2PRFIN20110713_052846_000000513104_00264_48985_5168.N1	13-JUL-2011 05:28:46	Dark	50.500	84	Alp Phe	2.3970	4500.0	101	48985	No
67	GOM_NL__2PRFIN20110713_053442_000000533104_00264_48985_5169.N1	13-JUL-2011 05:34:42	Straylight	53.000	63	Bet Gru	2.1500	2800.0	106	48985	No
68	GOM_NL__2PRFIN20110713_053621_000000493104_00264_48985_5170.N1	13-JUL-2011 05:36:21	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	48985	No
69	GOM_NL__2PRFIN20110713_054625_000000443104_00264_48985_5171.N1	13-JUL-2011 05:46:25	Bright	43.500	103	38Zet Sgr	2.6000	9700.0	87	48985	No
70	GOM_NL__2PRFIN20110713_054855_000000403104_00264_48985_5172.N1	13-JUL-2011 05:48:55	Bright	40.000	155	41Pi Sgr	2.9000	6600.0	80	48985	No
71	GOM_NL__2PRFIN20110713_055943_000000403104_00264_48985_5173.N1	13-JUL-2011 05:59:43	Bright	39.500	168	17Zet Aql	2.9860	11000.	79	48985	No
72	GOM_NL__2PRFIN20110713_060645_000000413104_00264_48985_5174.N1	13-JUL-2011 06:06:45	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	48985	No
73	GOM_NL__2PRFIN20110713_061001_000000383104_00264_48985_5175.N1	13-JUL-2011 06:10:01	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	48985	No
74	GOM_NL__2PRFIN20110713_061718_000000443104_00264_48985_5176.N1	13-JUL-2011 06:17:18	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	48985	No
75	GOM_NL__2PRFIN20110713_062603_000000453104_00264_48985_5177.N1	13-JUL-2011 06:26:03	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	48985	No
76	GOM_NL__2PRFIN20110713_063055_000000543104_00264_48985_5178.N1	13-JUL-2011 06:30:55	Bright	53.500	160	23Gam Per	2.9300	4700.0	107	48985	No
77	GOM_NL__2PRFIN20110713_063214_000000493104_00264_48985_5179.N1	13-JUL-2011 06:32:14	Bright	48.500	35	33Alp Per	1.7950	6250.0	97	48985	No
78	GOM_NL__2PRFIN20110713_063507_000000443104_00264_48985_5180.N1	13-JUL-2011 06:35:07	Bright	44.000	79	26Bet Per	2.3100	13100.	88	48985	No
79	GOM_NL__2PRFIN20110713_063756_000000463104_00264_48985_5181.N1	13-JUL-2011 06:37:56	Twilight	46.000	150	44Zet Per	2.8900	28000.	92	48985	No
80	GOM_NL__2PRFIN20110713_064027_000000413104_00264_48985_5182.N1	13-JUL-2011 06:40:27	Twilight	40.500	146	25Eta Tau	2.8730	15200.	81	48985	No
81	GOM_NL__2PRFIN20110713_064202_000000403104_00264_48985_5183.N1	13-JUL-2011 06:42:02	Twilight	40.000	13	87Alp Tau	0.86700	3800.0	80	48985	No
82	GOM_NL__2PRFIN20110713_064807_000000583104_00264_48985_5184.N1	13-JUL-2011 06:48:07	Dark	58.000	94	92Alp Cet	2.5260	3100.0	116	48985	No
83	GOM_NL__2PRFIN20110713_065118_000000453104_00264_48985_5185.N1	13-JUL-2011 06:51:18	Dark	44.500	165	34Gam Eri	2.9500	3200.0	89	48985	No
84	GOM_NL__2PRFIN20110713_070011_000000413104_00264_48985_5186.N1	13-JUL-2011 07:00:11	Dark	41.000	157	The1Eri	2.9060	9300.0	82	48985	No
85	GOM_NL__2PRFIN20110713_070620_000000423104_00265_48986_5167.N1	13-JUL-2011 07:06:20	Dark	41.500	9	Alp Eri	0.45300	24000.	83	48986	No
86	GOM_NL__2PRFIN20110713_070902_000000533104_00265_48986_5168.N1	13-JUL-2011 07:09:02	Dark	53.000	84	Alp Phe	2.3970	4500.0	106	48986	No
87	GOM_NL__2PRFIN20110713_071457_000000643104_00265_48986_5169.N1	13-JUL-2011 07:14:57	Straylight	63.500	63	Bet Gru	2.1500	2800.0	127	48986	No
88	GOM_NL__2PRFIN20110713_071635_000000473104_00265_48986_5170.N1	13-JUL-2011 07:16:35	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	48986	No
89	GOM_NL__2PRFIN20110713_071946_000000523104_00265_48986_5171.N1	13-JUL-2011 07:19:46	Straylight	51.500	172	Gam Gru	3.0030	13100.	103	48986	No
90	GOM_NL__2PRFIN20110713_072639_000000413104_00265_48986_5172.N1	13-JUL-2011 07:26:39	Bright	41.000	103	38Zet Sgr	2.6000	9700.0	82	48986	No
91	GOM_NL__2PRFIN20110713_072910_000000393104_00265_48986_5173.N1	13-JUL-2011 07:29:10	Bright	39.000	155	41Pi Sgr	2.9000	6600.0	78	48986	No
92	GOM_NL__2PRFIN20110713_073956_000000413104_00265_48986_5174.N1	13-JUL-2011 07:39:56	Bright	40.500	168	17Zet Aql	2.9860	11000.	81	48986	No
93	GOM_NL__2PRFIN20110713_074659_000000413104_00265_48986_5175.N1	13-JUL-2011 07:46:59	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	48986	No
94	GOM_NL__2PRFIN20110713_075015_000000383104_00265_48986_5176.N1	13-JUL-2011 07:50:15	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	48986	No
95	GOM_NL__2PRFIN20110713_075731_000000443104_00265_48986_5177.N1	13-JUL-2011 07:57:31	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	48986	No
96	GOM_NL__2PRFIN20110713_080617_000000683104_00265_48986_5178.N1	13-JUL-2011 08:06:17	Bright	67.500	76	27Gam Cas	2.3000	30000.	135	48986	No
97	GOM_NL__2PRFIN20110713_081108_000000613104_00265_48986_5179.N1	13-JUL-2011 08:11:08	Bright	61.000	160	23Gam Per	2.9300	4700.0	122	48986	No
98	GOM_NL__2PRFIN20110713_081228_000000593104_00265_48986_5180.N1	13-JUL-2011 08:12:28	Bright	59.000	35	33Alp Per	1.7950	6250.0	118	48986	No
99	GOM_NL__2PRFIN20110713_081521_000000463104_00265_48986_5181.N1	13-JUL-2011 08:15:21	Bright	46.000	79	26Bet Per	2.3100	13100.	92	48986	No
100	GOM_NL__2PRFIN20110713_081810_000000423104_00265_48986_5182.N1	13-JUL-2011 08:18:10	Twilight	41.500	150	44Zet Per	2.8900	28000.	83	48986	No
101	GOM_NL__2PRFIN20110713_082041_000000403104_00265_48986_5183.N1	13-JUL-2011 08:20:41	Twilight	40.000	146	25Eta Tau	2.8730	15200.	80	48986	No

102	GOM_NL__2PRFIN20110713_082216_000000463104_00265_48986_5184.N1	13-JUL-2011 08:22:16	Twilight	46.000	13	87Alp Tau	0.86700	3800.0	92	48986	No
103	GOM_NL__2PRFIN20110713_082822_000000583104_00265_48986_5185.N1	13-JUL-2011 08:28:22	Dark	57.500	94	92Alp Cet	2.5260	3100.0	115	48986	No
104	GOM_NL__2PRFIN20110713_083132_000000453104_00265_48986_5186.N1	13-JUL-2011 08:31:32	Dark	45.000	165	34Gam Eri	2.9500	3200.0	90	48986	No
105	GOM_NL__2PRFIN20110713_084026_000000433104_00265_48986_5187.N1	13-JUL-2011 08:40:26	Dark	43.000	157	The1Eri	2.9060	9300.0	86	48986	No
106	GOM_NL__2PRFIN20110713_084634_000000513104_00266_48987_5167.N1	13-JUL-2011 08:46:34	Dark	51.000	9	Alp Eri	0.45300	24000.	102	48987	No
107	GOM_NL__2PRFIN20110713_084917_000000543104_00266_48987_5168.N1	13-JUL-2011 08:49:17	Dark	53.500	84	Alp Phe	2.3970	4500.0	107	48987	No
108	GOM_NL__2PRFIN20110713_085512_000000673104_00266_48987_5169.N1	13-JUL-2011 08:55:12	Straylight	67.000	63	Bet Gru	2.1500	2800.0	134	48987	No
109	GOM_NL__2PRFIN20110713_085650_000000493104_00266_48987_5170.N1	13-JUL-2011 08:56:50	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	48987	No
110	GOM_NL__2PRFIN20110713_090001_000000523104_00266_48987_5171.N1	13-JUL-2011 09:00:01	Straylight	52.000	172	Gam Gru	3.0030	13100.	104	48987	No
111	GOM_NL__2PRFIN20110713_090654_000000423104_00266_48987_5172.N1	13-JUL-2011 09:06:54	Bright	42.000	103	38Zet Sgr	2.6000	9700.0	84	48987	No
112	GOM_NL__2PRFIN20110713_090924_000000393104_00266_48987_5173.N1	13-JUL-2011 09:09:24	Bright	39.000	155	41Pi Sgr	2.9000	6600.0	78	48987	No
113	GOM_NL__2PRFIN20110713_092010_000000403104_00266_48987_5174.N1	13-JUL-2011 09:20:10	Bright	40.000	168	17Zet Aql	2.9860	11000.	80	48987	No
114	GOM_NL__2PRFIN20110713_092712_000000363104_00266_48987_5175.N1	13-JUL-2011 09:27:12	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	48987	No
115	GOM_NL__2PRFIN20110713_093029_000000383104_00266_48987_5176.N1	13-JUL-2011 09:30:29	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	48987	No
116	GOM_NL__2PRFIN20110713_093745_000000443104_00266_48987_5177.N1	13-JUL-2011 09:37:45	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	48987	No
117	GOM_NL__2PRFIN20110713_094630_000000473104_00266_48987_5178.N1	13-JUL-2011 09:46:30	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	48987	No
118	GOM_NL__2PRFIN20110713_095122_000000423104_00266_48987_5179.N1	13-JUL-2011 09:51:22	Bright	41.500	160	23Gam Per	2.9300	4700.0	83	48987	No
119	GOM_NL__2PRFIN20110713_095241_000000423104_00266_48987_5180.N1	13-JUL-2011 09:52:41	Bright	41.500	35	33Alp Per	1.7950	6250.0	83	48987	No
120	GOM_NL__2PRFIN20110713_095535_000000593104_00266_48987_5181.N1	13-JUL-2011 09:55:35	Bright	59.000	79	26Bet Per	2.3100	13100.	118	48987	No
121	GOM_NL__2PRFIN20110713_095824_000000433104_00266_48987_5182.N1	13-JUL-2011 09:58:24	Tw_i_and_stray	42.500	150	44Zet Per	2.8900	28000.	85	48987	No
122	GOM_NL__2PRFIN20110713_100055_000000443104_00266_48987_5183.N1	13-JUL-2011 10:00:55	Twilight	44.000	146	25Eta Tau	2.8730	15200.	88	48987	No
123	GOM_NL__2PRFIN20110713_100230_000000513104_00266_48987_5184.N1	13-JUL-2011 10:02:30	Twilight	51.000	13	87Alp Tau	0.86700	3800.0	102	48987	No
124	GOM_NL__2PRFIN20110713_100836_000000573104_00266_48987_5185.N1	13-JUL-2011 10:08:36	Dark	56.500	94	92Alp Cet	2.5260	3100.0	113	48987	No
125	GOM_NL__2PRFIN20110713_101147_000000453104_00266_48987_5186.N1	13-JUL-2011 10:11:47	Dark	45.000	165	34Gam Eri	2.9500	3200.0	90	48987	No
126	GOM_NL__2PRFIN20110713_102040_000000413104_00266_48987_5187.N1	13-JUL-2011 10:20:40	Dark	41.000	157	The1Eri	2.9060	9300.0	82	48987	No
127	GOM_NL__2PRFIN20110713_102649_000000553104_00267_48988_5167.N1	13-JUL-2011 10:26:49	Dark	55.000	9	Alp Eri	0.45300	24000.	110	48988	No
128	GOM_NL__2PRFIN20110713_102932_000000553104_00267_48988_5168.N1	13-JUL-2011 10:29:32	Dark	54.500	84	Alp Phe	2.3970	4500.0	109	48988	No
129	GOM_NL__2PRFIN20110713_103526_000000563104_00267_48988_5169.N1	13-JUL-2011 10:35:26	Straylight	56.000	63	Bet Gru	2.1500	2800.0	112	48988	No
130	GOM_NL__2PRFIN20110713_103705_000000523104_00267_48988_5170.N1	13-JUL-2011 10:37:05	Straylight	51.500	31	Alp Gru	1.7340	15200.	103	48988	No
131	GOM_NL__2PRFIN20110713_104015_000000553104_00267_48988_5171.N1	13-JUL-2011 10:40:15	Straylight	55.000	172	Gam Gru	3.0030	13100.	110	48988	No
132	GOM_NL__2PRFIN20110713_104708_000000423104_00267_48988_5172.N1	13-JUL-2011 10:47:08	Bright	42.000	103	38Zet Sgr	2.6000	9700.0	84	48988	No
133	GOM_NL__2PRFIN20110713_104938_000000403104_00267_48988_5173.N1	13-JUL-2011 10:49:38	Bright	39.500	155	41Pi Sgr	2.9000	6600.0	79	48988	No
134	GOM_NL__2PRFIN20110713_110726_000000373104_00267_48988_5174.N1	13-JUL-2011 11:07:26	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	48988	No
135	GOM_NL__2PRFIN20110713_111043_000000393104_00267_48988_5175.N1	13-JUL-2011 11:10:43	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	48988	No
136	GOM_NL__2PRFIN20110713_111758_000000423104_00267_48988_5176.N1	13-JUL-2011 11:17:58	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	48988	No
137	GOM_NL__2PRFIN20110713_112644_000000463104_00267_48988_5177.N1	13-JUL-2011 11:26:44	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	48988	No
138	GOM_NL__2PRFIN20110713_113136_000000413104_00267_48988_5178.N1	13-JUL-2011 11:31:36	Bright	41.000	160	23Gam Per	2.9300	4700.0	82	48988	No
139	GOM_NL__2PRFIN20110713_113255_000000413104_00267_48988_5179.N1	13-JUL-2011 11:32:55	Bright	41.000	35	33Alp Per	1.7950	6250.0	82	48988	No
140	GOM_NL__2PRFIN20110713_113549_000000643104_00267_48988_5180.N1	13-JUL-2011 11:35:49	Bright	64.000	79	26Bet Per	2.3100	13100.	128	48988	No
141	GOM_NL__2PRFIN20110713_113838_000000453104_00267_48988_5181.N1	13-JUL-2011 11:38:38	Tw_i_and_stray	44.500	150	44Zet Per	2.8900	28000.	89	48988	No
142	GOM_NL__2PRFIN20110713_114109_000000463104_00267_48988_5182.N1	13-JUL-2011 11:41:09	Twilight	45.500	146	25Eta Tau	2.8730	15200.	91	48988	No
143	GOM_NL__2PRFIN20110713_114244_000000443104_00267_48988_5183.N1	13-JUL-2011 11:42:44	Twilight	44.000	13	87Alp Tau	0.86700	3800.0	88	48988	No
144	GOM_NL__2PRFIN20110713_114851_000000613104_00267_48988_5184.N1	13-JUL-2011 11:48:51	Dark	60.500	94	92Alp Cet	2.5260	3100.0	121	48988	No
145	GOM_NL__2PRFIN20110713_115201_000000483104_00267_48988_5185.N1	13-JUL-2011 11:52:01	Dark	47.500	165	34Gam Eri	2.9500	3200.0	95	48988	No
146	GOM_NL__2PRFIN20110713_120055_000000413104_00267_48988_5186.N1	13-JUL-2011 12:00:55	Dark	40.500	157	The1Eri	2.9060	9300.0	81	48988	No
147	GOM_NL__2PRFIN20110713_120703_000000443104_00268_48989_5187.N1	13-JUL-2011 12:07:03	Dark	44.000	9	Alp Eri	0.45300	24000.	88	48989	No
148	GOM_NL__2PRFIN20110713_120947_000000583104_00268_48989_5188.N1	13-JUL-2011 12:09:47	Dark	57.500	84	Alp Phe	2.3970	4500.0	115	48989	No
149	GOM_NL__2PRFIN20110713_121541_000000623104_00268_48989_5189.N1	13-JUL-2011 12:15:41	Straylight	61.500	63	Bet Gru	2.1500	2800.0	123	48989	No
150	GOM_NL__2PRFIN20110713_121719_000000483104_00268_48989_5190.N1	13-JUL-2011 12:17:19	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	48989	No
151	GOM_NL__2PRFIN20110713_122030_000000533104_00268_48989_5191.N1	13-JUL-2011 12:20:30	Straylight	52.500	172	Gam Gru	3.0030	13100.	105	48989	No
152	GOM_NL__2PRFIN20110713_122722_000000433104_00268_48989_5192.N1	13-JUL-2011 12:27:22	Bright	42.500	103	38Zet Sgr	2.6000	9700.0	85	48989	No
153	GOM_NL__2PRFIN20110713_122952_000000403104_00268_48989_5193.N1	13-JUL-2011 12:29:52	Bright	39.500	155	41Pi Sgr	2.9000	6600.0	79	48989	No
154	GOM_NL__2PRFIN20110713_124740_000000363104_00268_48989_5194.N1	13-JUL-2011 12:47:40	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	48989	No
155	GOM_NL__2PRFIN20110713_125057_000000393104_00268_48989_5195.N1	13-JUL-2011 12:50:57	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	48989	No
156	GOM_NL__2PRFIN20110713_130657_000000473104_00268_48989_5196.N1	13-JUL-2011 13:06:57	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	48989	No
157	GOM_NL__2PRFIN20110713_131150_000000493104_00268_48989_5197.N1	13-JUL-2011 13:11:50	Bright	49.000	160	23Gam Per	2.9300	4700.0	98	48989	No
158	GOM_NL__2PRFIN20110713_131309_000000423104_00268_48989_5198.N1	13-JUL-2011 13:13:09	Bright	42.000	35	33Alp Per	1.7950	6250.0	84	48989	No
159	GOM_NL__2PRFIN20110713_131603_000000643104_00268_48989_5199.N1	13-JUL-2011 13:16:03	Bright	64.000	79	26Bet Per	2.3100	13100.	128	48989	No
160	GOM_NL__2PRFIN20110713_131852_000000473104_00268_48989_5200.N1	13-JUL-2011 13:18:52	Tw_i_and_stray	46.500	150	44Zet Per	2.8900	28000.	93	48989	No

161	GOM_NL__2PRFIN20110713_132123_000000443104_00268_48989_5201.N1	13-JUL-2011 13:21:23	Twilight	43.500	146	25Eta Tau	2.8730	15200.	87	48989	No
162	GOM_NL__2PRFIN20110713_132258_000000513104_00268_48989_5202.N1	13-JUL-2011 13:22:58	Twilight	50.500	13	87Alp Tau	0.86700	3800.0	101	48989	No
163	GOM_NL__2PRFIN20110713_132906_000000593104_00268_48989_5203.N1	13-JUL-2011 13:29:06	Dark	58.500	94	92Alp Cet	2.5260	3100.0	117	48989	No
164	GOM_NL__2PRFIN20110713_133215_000000463104_00268_48989_5204.N1	13-JUL-2011 13:32:15	Dark	45.500	165	34Gam Eri	2.9500	3200.0	91	48989	No
165	GOM_NL__2PRFIN20110713_134109_000000413104_00268_48989_5205.N1	13-JUL-2011 13:41:09	Dark	40.500	157	The1Eri	2.9060	9300.0	81	48989	No
166	GOM_NL__2PRFIN20110713_134718_000000513104_00269_48990_5187.N1	13-JUL-2011 13:47:18	Dark	50.500	9	Alp Eri	0.45300	24000.	101	48990	No
167	GOM_NL__2PRFIN20110713_135002_000000533104_00269_48990_5188.N1	13-JUL-2011 13:50:02	Dark	53.000	84	Alp Phe	2.3970	4500.0	106	48990	No
168	GOM_NL__2PRFIN20110713_135556_000000573104_00269_48990_5189.N1	13-JUL-2011 13:55:56	Straylight	56.500	63	Bet Gru	2.1500	2800.0	113	48990	No
169	GOM_NL__2PRFIN20110713_135734_000000493104_00269_48990_5190.N1	13-JUL-2011 13:57:34	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	48990	No
170	GOM_NL__2PRFIN20110713_140045_000000533104_00269_48990_5191.N1	13-JUL-2011 14:00:45	Straylight	53.000	172	Gam Gru	3.0030	13100.	106	48990	No
171	GOM_NL__2PRFIN20110713_140736_000000443104_00269_48990_5192.N1	13-JUL-2011 14:07:36	Bright	43.500	103	38Zet Sgr	2.6000	9700.0	87	48990	No
172	GOM_NL__2PRFIN20110713_141006_000000413104_00269_48990_5193.N1	13-JUL-2011 14:10:06	Bright	40.500	155	41Pi Sgr	2.9000	6600.0	81	48990	No
173	GOM_NL__2PRFIN20110713_142051_000000393104_00269_48990_5194.N1	13-JUL-2011 14:20:51	Bright	38.500	168	17Zet Aql	2.9860	11000.	77	48990	No
174	GOM_NL__2PRFIN20110713_142753_000000413104_00269_48990_5195.N1	13-JUL-2011 14:27:53	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	48990	No
175	GOM_NL__2PRFIN20110713_143111_000000393104_00269_48990_5196.N1	13-JUL-2011 14:31:11	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	48990	No
176	GOM_NL__2PRFIN20110713_143825_000000413104_00269_48990_5197.N1	13-JUL-2011 14:38:25	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	48990	No
177	GOM_NL__2PRFIN20110713_144710_000000483104_00269_48990_5198.N1	13-JUL-2011 14:47:10	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	48990	No
178	GOM_NL__2PRFIN20110713_145204_000000613104_00269_48990_5199.N1	13-JUL-2011 14:52:04	Bright	61.000	160	23Gam Per	2.9300	4700.0	122	48990	No
179	GOM_NL__2PRFIN20110713_145323_000000413104_00269_48990_5200.N1	13-JUL-2011 14:53:23	Bright	41.000	35	33Alp Per	1.7950	6250.0	82	48990	No
180	GOM_NL__2PRFIN20110713_145617_000000583104_00269_48990_5201.N1	13-JUL-2011 14:56:17	Bright	58.000	79	26Bet Per	2.3100	13100.	116	48990	No
181	GOM_NL__2PRFIN20110713_145906_000000433104_00269_48990_5202.N1	13-JUL-2011 14:59:06	Twi_and_stray	42.500	150	44Zet Per	2.8900	28000.	85	48990	No
182	GOM_NL__2PRFIN20110713_150138_000000453104_00269_48990_5203.N1	13-JUL-2011 15:01:38	Twilight	44.500	146	25Eta Tau	2.8730	15200.	89	48990	No
183	GOM_NL__2PRFIN20110713_150313_000000453104_00269_48990_5204.N1	13-JUL-2011 15:03:13	Twilight	44.500	13	87Alp Tau	0.86700	3800.0	89	48990	No
184	GOM_NL__2PRFIN20110713_150920_000000583104_00269_48990_5205.N1	13-JUL-2011 15:09:20	Dark	57.500	94	92Alp Cet	2.5260	3100.0	115	48990	No
185	GOM_NL__2PRFIN20110713_151230_000000463104_00269_48990_5206.N1	13-JUL-2011 15:12:30	Dark	45.500	165	34Gam Eri	2.9500	3200.0	91	48990	No
186	GOM_NL__2PRFIN20110713_152124_000000443104_00269_48990_5207.N1	13-JUL-2011 15:21:24	Dark	43.500	157	The1Eri	2.9060	9300.0	87	48990	No
187	GOM_NL__2PRFIN20110713_152733_000000433104_00270_48991_5187.N1	13-JUL-2011 15:27:33	Dark	42.500	9	Alp Eri	0.45300	24000.	85	48991	No
188	GOM_NL__2PRFIN20110713_153017_000000533104_00270_48991_5188.N1	13-JUL-2011 15:30:17	Dark	53.000	84	Alp Phe	2.3970	4500.0	106	48991	No
189	GOM_NL__2PRFIN20110713_153611_000000503104_00270_48991_5189.N1	13-JUL-2011 15:36:11	Straylight	50.000	63	Bet Gru	2.1500	2800.0	100	48991	No
190	GOM_NL__2PRFIN20110713_153749_000000483104_00270_48991_5190.N1	13-JUL-2011 15:37:49	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	48991	No
191	GOM_NL__2PRFIN20110713_154100_000000533104_00270_48991_5191.N1	13-JUL-2011 15:41:00	Straylight	53.000	172	Gam Gru	3.0030	13100.	106	48991	No
192	GOM_NL__2PRFIN20110713_154750_000000403104_00270_48991_5192.N1	13-JUL-2011 15:47:50	Bright	40.000	103	38Zet Sgr	2.6000	9700.0	80	48991	No
193	GOM_NL__2PRFIN20110713_155020_000000403104_00270_48991_5193.N1	13-JUL-2011 15:50:20	Bright	40.000	155	41Pi Sgr	2.9000	6600.0	80	48991	No
194	GOM_NL__2PRFIN20110713_160105_000000403104_00270_48991_5194.N1	13-JUL-2011 16:01:05	Bright	40.000	168	17Zet Aql	2.9860	11000.	80	48991	No
195	GOM_NL__2PRFIN20110713_160807_000000413104_00270_48991_5195.N1	13-JUL-2011 16:08:07	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	48991	No
196	GOM_NL__2PRFIN20110713_161125_000000353104_00270_48991_5196.N1	13-JUL-2011 16:11:25	Bright	34.500	69	33Gam Dra	2.2310	3800.0	69	48991	No
197	GOM_NL__2PRFIN20110713_161838_000000423104_00270_48991_5197.N1	13-JUL-2011 16:18:38	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	48991	No
198	GOM_NL__2PRFIN20110713_162724_000000483104_00270_48991_5198.N1	13-JUL-2011 16:27:24	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	48991	No
199	GOM_NL__2PRFIN20110713_163217_000000403104_00270_48991_5199.N1	13-JUL-2011 16:32:17	Bright	39.500	160	23Gam Per	2.9300	4700.0	79	48991	No
200	GOM_NL__2PRFIN20110713_163337_000000393104_00270_48991_5200.N1	13-JUL-2011 16:33:37	Bright	39.000	35	33Alp Per	1.7950	6250.0	78	48991	No
201	GOM_NL__2PRFIN20110713_163631_000000483104_00270_48991_5201.N1	13-JUL-2011 16:36:31	Bright	47.500	79	26Bet Per	2.3100	13100.	95	48991	No
202	GOM_NL__2PRFIN20110713_163920_000000433104_00270_48991_5202.N1	13-JUL-2011 16:39:20	Twi_and_stray	43.000	150	44Zet Per	2.8900	28000.	86	48991	No
203	GOM_NL__2PRFIN20110713_164152_000000453104_00270_48991_5203.N1	13-JUL-2011 16:41:52	Twilight	45.000	146	25Eta Tau	2.8730	15200.	90	48991	No
204	GOM_NL__2PRFIN20110713_164327_000000453104_00270_48991_5204.N1	13-JUL-2011 16:43:27	Twilight	44.500	13	87Alp Tau	0.86700	3800.0	89	48991	No
205	GOM_NL__2PRFIN20110713_164935_000000573104_00270_48991_5205.N1	13-JUL-2011 16:49:35	Dark	56.500	94	92Alp Cet	2.5260	3100.0	113	48991	No
206	GOM_NL__2PRFIN20110713_165244_000000483104_00270_48991_5206.N1	13-JUL-2011 16:52:44	Dark	47.500	165	34Gam Eri	2.9500	3200.0	95	48991	No
207	GOM_NL__2PRFIN20110713_170139_000000413104_00270_48991_5207.N1	13-JUL-2011 17:01:39	Dark	40.500	157	The1Eri	2.9060	9300.0	81	48991	No
208	GOM_NL__2PRFIN20110713_170747_000000443104_00271_48992_5222.N1	13-JUL-2011 17:07:47	Dark	44.000	9	Alp Eri	0.45300	24000.	88	48992	No
209	GOM_NL__2PRFIN20110713_171032_000000513104_00271_48992_5223.N1	13-JUL-2011 17:10:32	Dark	50.500	84	Alp Phe	2.3970	4500.0	101	48992	No
210	GOM_NL__2PRFIN20110713_171626_000000513104_00271_48992_5224.N1	13-JUL-2011 17:16:26	Straylight	50.500	63	Bet Gru	2.1500	2800.0	101	48992	No
211	GOM_NL__2PRFIN20110713_171804_000000473104_00271_48992_5225.N1	13-JUL-2011 17:18:04	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	48992	No
212	GOM_NL__2PRFIN20110713_172115_000000533104_00271_48992_5226.N1	13-JUL-2011 17:21:15	Straylight	53.000	172	Gam Gru	3.0030	13100.	106	48992	No
213	GOM_NL__2PRFIN20110713_172805_000000433104_00271_48992_5227.N1	13-JUL-2011 17:28:05	Bright	42.500	103	38Zet Sgr	2.6000	9700.0	85	48992	No
214	GOM_NL__2PRFIN20110713_173034_000000413104_00271_48992_5228.N1	13-JUL-2011 17:30:34	Bright	41.000	155	41Pi Sgr	2.9000	6600.0	82	48992	No
215	GOM_NL__2PRFIN20110713_174119_000000413104_00271_48992_5229.N1	13-JUL-2011 17:41:19	Bright	40.500	168	17Zet Aql	2.9860	11000.	81	48992	No
216	GOM_NL__2PRFIN20110713_174821_000000403104_00271_48992_5230.N1	13-JUL-2011 17:48:21	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	48992	No
217	GOM_NL__2PRFIN20110713_175139_000000383104_00271_48992_5231.N1	13-JUL-2011 17:51:39	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	48992	No
218	GOM_NL__2PRFIN20110713_175852_000000443104_00271_48992_5232.N1	13-JUL-2011 17:58:52	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	48992	No
219	GOM_NL__2PRFIN20110713_180738_000000693104_00271_48992_5233.N1	13-JUL-2011 18:07:38	Bright	69.000	76	27Gam Cas	2.3000	30000.	138	48992	No

220	GOM_NL__2PRFIN20110713_181231_000000613104_00271_48992_5234.N1	13-JUL-2011 18:12:31	Bright	61.000	160	23Gam Per	2.9300	4700.0	122	48992	No
221	GOM_NL__2PRFIN20110713_181351_000000603104_00271_48992_5235.N1	13-JUL-2011 18:13:51	Bright	60.000	35	33Alp Per	1.7950	6250.0	120	48992	No
222	GOM_NL__2PRFIN20110713_181645_000000453104_00271_48992_5236.N1	13-JUL-2011 18:16:45	Bright	45.000	79	26Bet Per	2.3100	13100.	90	48992	No
223	GOM_NL__2PRFIN20110713_181935_000000443104_00271_48992_5237.N1	13-JUL-2011 18:19:35	Twi_and_stray	44.000	150	44Zet Per	2.8900	28000.	88	48992	No
224	GOM_NL__2PRFIN20110713_182206_000000463104_00271_48992_5238.N1	13-JUL-2011 18:22:06	Twilight	45.500	146	25Eta Tau	2.8730	15200.	91	48992	No
225	GOM_NL__2PRFIN20110713_182341_000000463104_00271_48992_5239.N1	13-JUL-2011 18:23:41	Twilight	46.000	13	87Alp Tau	0.86700	3800.0	92	48992	No
226	GOM_NL__2PRFIN20110713_182950_000000573104_00271_48992_5240.N1	13-JUL-2011 18:29:50	Dark	57.000	94	92Alp Cet	2.5260	3100.0	114	48992	No
227	GOM_NL__2PRFIN20110713_183259_000000463104_00271_48992_5241.N1	13-JUL-2011 18:32:59	Dark	46.000	165	34Gam Eri	2.9500	3200.0	92	48992	No
228	GOM_NL__2PRFIN20110713_184153_000000413104_00271_48992_5242.N1	13-JUL-2011 18:41:53	Dark	41.000	157	The1Eri	2.9060	9300.0	82	48992	No
229	GOM_NL__2PRFIN20110713_184802_000000503104_00272_48993_5299.N1	13-JUL-2011 18:48:02	Dark	50.000	9	Alp Eri	0.45300	24000.	100	48993	No
230	GOM_NL__2PRFIN20110713_185047_000000533104_00272_48993_5300.N1	13-JUL-2011 18:50:47	Dark	53.000	84	Alp Phe	2.3970	4500.0	106	48993	No
231	GOM_NL__2PRFIN20110713_185641_000000543104_00272_48993_5301.N1	13-JUL-2011 18:56:41	Straylight	54.000	63	Bet Gru	2.1500	2800.0	108	48993	No
232	GOM_NL__2PRFIN20110713_185819_000000473104_00272_48993_5302.N1	13-JUL-2011 18:58:19	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	48993	No
233	GOM_NL__2PRFIN20110713_190129_000000513104_00272_48993_5303.N1	13-JUL-2011 19:01:29	Straylight	51.000	172	Gam Gru	3.0030	13100.	102	48993	No
234	GOM_NL__2PRFIN20110713_190819_000000403104_00272_48993_5304.N1	13-JUL-2011 19:08:19	Bright	40.000	103	38Zet Sgr	2.6000	9700.0	80	48993	No
235	GOM_NL__2PRFIN20110713_191049_000000403104_00272_48993_5305.N1	13-JUL-2011 19:10:49	Bright	40.000	155	41Pi Sgr	2.9000	6600.0	80	48993	No
236	GOM_NL__2PRFIN20110713_192133_000000413104_00272_48993_5306.N1	13-JUL-2011 19:21:33	Bright	41.000	168	17Zet Aql	2.9860	11000.	82	48993	No
237	GOM_NL__2PRFIN20110713_192835_000000373104_00272_48993_5307.N1	13-JUL-2011 19:28:35	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	48993	No
238	GOM_NL__2PRFIN20110713_193153_000000393104_00272_48993_5308.N1	13-JUL-2011 19:31:53	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	48993	No
239	GOM_NL__2PRFIN20110713_193905_000000453104_00272_48993_5309.N1	13-JUL-2011 19:39:05	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	48993	No
240	GOM_NL__2PRFIN20110713_194751_000000483104_00272_48993_5310.N1	13-JUL-2011 19:47:51	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	48993	No
241	GOM_NL__2PRFIN20110713_195245_000000613104_00272_48993_5311.N1	13-JUL-2011 19:52:45	Bright	61.000	160	23Gam Per	2.9300	4700.0	122	48993	No
242	GOM_NL__2PRFIN20110713_195405_000000493104_00272_48993_5312.N1	13-JUL-2011 19:54:05	Bright	49.000	35	33Alp Per	1.7950	6250.0	98	48993	No
243	GOM_NL__2PRFIN20110713_195659_000000463104_00272_48993_5313.N1	13-JUL-2011 19:56:59	Bright	45.500	79	26Bet Per	2.3100	13100.	91	48993	No
244	GOM_NL__2PRFIN20110713_195949_000000423104_00272_48993_5314.N1	13-JUL-2011 19:59:49	Twi_and_stray	42.000	150	44Zet Per	2.8900	28000.	84	48993	No
245	GOM_NL__2PRFIN20110713_200220_000000453104_00272_48993_5315.N1	13-JUL-2011 20:02:20	Twilight	44.500	146	25Eta Tau	2.8730	15200.	89	48993	No
246	GOM_NL__2PRFIN20110713_200355_000000453104_00272_48993_5316.N1	13-JUL-2011 20:03:55	Twilight	44.500	13	87Alp Tau	0.86700	3800.0	89	48993	No
247	GOM_NL__2PRFIN20110713_201005_000000583104_00272_48993_5317.N1	13-JUL-2011 20:10:05	Dark	57.500	94	92Alp Cet	2.5260	3100.0	115	48993	No
248	GOM_NL__2PRFIN20110713_201314_000000473104_00272_48993_5318.N1	13-JUL-2011 20:13:14	Dark	46.500	165	34Gam Eri	2.9500	3200.0	93	48993	No
249	GOM_NL__2PRFIN20110713_202208_000000413104_00272_48993_5319.N1	13-JUL-2011 20:22:08	Dark	41.000	157	The1Eri	2.9060	9300.0	82	48993	No
250	GOM_NL__2PRFIN20110713_202817_000000513104_00273_48994_5312.N1	13-JUL-2011 20:28:17	Dark	50.500	9	Alp Eri	0.45300	24000.	101	48994	No
251	GOM_NL__2PRFIN20110713_203103_000000503104_00273_48994_5313.N1	13-JUL-2011 20:31:03	Dark	49.500	84	Alp Phe	2.3970	4500.0	99	48994	No
252	GOM_NL__2PRFIN20110713_203655_000000523104_00273_48994_5314.N1	13-JUL-2011 20:36:55	Straylight	51.500	63	Bet Gru	2.1500	2800.0	103	48994	No
253	GOM_NL__2PRFIN20110713_203833_000000483104_00273_48994_5315.N1	13-JUL-2011 20:38:33	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	48994	No
254	GOM_NL__2PRFIN20110713_204144_000000533104_00273_48994_5316.N1	13-JUL-2011 20:41:44	Straylight	52.500	172	Gam Gru	3.0030	13100.	105	48994	No
255	GOM_NL__2PRFIN20110713_204833_000000553104_00273_48994_5317.N1	13-JUL-2011 20:48:33	Bright	55.000	103	38Zet Sgr	2.6000	9700.0	110	48994	No
256	GOM_NL__2PRFIN20110713_205103_000000413104_00273_48994_5318.N1	13-JUL-2011 20:51:03	Bright	40.500	155	41Pi Sgr	2.9000	6600.0	81	48994	No
257	GOM_NL__2PRFIN20110713_210147_000000403104_00273_48994_5319.N1	13-JUL-2011 21:01:47	Bright	39.500	168	17Zet Aql	2.9860	11000.	79	48994	No
258	GOM_NL__2PRFIN20110713_210849_000000373104_00273_48994_5320.N1	13-JUL-2011 21:08:49	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	48994	No
259	GOM_NL__2PRFIN20110713_211207_000000413104_00273_48994_5321.N1	13-JUL-2011 21:12:07	Bright	41.000	69	33Gam Dra	2.2310	3800.0	82	48994	No
260	GOM_NL__2PRFIN20110713_211918_000000443104_00273_48994_5322.N1	13-JUL-2011 21:19:18	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	48994	No
261	GOM_NL__2PRFIN20110713_212804_000000463104_00273_48994_5323.N1	13-JUL-2011 21:28:04	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	48994	No
262	GOM_NL__2PRFIN20110713_213259_000000503104_00273_48994_5324.N1	13-JUL-2011 21:32:59	Bright	49.500	160	23Gam Per	2.9300	4700.0	99	48994	No
263	GOM_NL__2PRFIN20110713_213419_000000483104_00273_48994_5325.N1	13-JUL-2011 21:34:19	Bright	47.500	35	33Alp Per	1.7950	6250.0	95	48994	No
264	GOM_NL__2PRFIN20110713_213713_000000513104_00273_48994_5326.N1	13-JUL-2011 21:37:13	Bright	50.500	79	26Bet Per	2.3100	13100.	101	48994	No
265	GOM_NL__2PRFIN20110713_214003_000000453104_00273_48994_5327.N1	13-JUL-2011 21:40:03	Twi_and_stray	44.500	150	44Zet Per	2.8900	28000.	89	48994	No
266	GOM_NL__2PRFIN20110713_214234_000000453104_00273_48994_5328.N1	13-JUL-2011 21:42:34	Twilight	44.500	146	25Eta Tau	2.8730	15200.	89	48994	No
267	GOM_NL__2PRFIN20110713_214410_000000453104_00273_48994_5329.N1	13-JUL-2011 21:44:10	Twilight	45.000	13	87Alp Tau	0.86700	3800.0	90	48994	No
268	GOM_NL__2PRFIN20110713_215019_000000563104_00273_48994_5330.N1	13-JUL-2011 21:50:19	Dark	56.000	94	92Alp Cet	2.5260	3100.0	112	48994	No
269	GOM_NL__2PRFIN20110713_215328_000000473104_00273_48994_5331.N1	13-JUL-2011 21:53:28	Dark	46.500	165	34Gam Eri	2.9500	3200.0	93	48994	No
270	GOM_NL__2PRFIN20110713_220223_000000433104_00273_48994_5332.N1	13-JUL-2011 22:02:23	Dark	43.000	157	The1Eri	2.9060	9300.0	86	48994	No
271	GOM_NL__2PRFIN20110713_220831_000000513104_00274_48995_5324.N1	13-JUL-2011 22:08:31	Dark	51.000	9	Alp Eri	0.45300	24000.	102	48995	No
272	GOM_NL__2PRFIN20110713_221118_000000533104_00274_48995_5325.N1	13-JUL-2011 22:11:18	Dark	53.000	84	Alp Phe	2.3970	4500.0	106	48995	No
273	GOM_NL__2PRFIN20110713_221710_000000623104_00274_48995_5326.N1	13-JUL-2011 22:17:10	Straylight	62.000	63	Bet Gru	2.1500	2800.0	124	48995	No
274	GOM_NL__2PRFIN20110713_221848_000000463104_00274_48995_5327.N1	13-JUL-2011 22:18:48	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	48995	No
275	GOM_NL__2PRFIN20110713_222159_000000523104_00274_48995_5328.N1	13-JUL-2011 22:21:59	Straylight	52.000	172	Gam Gru	3.0030	13100.	104	48995	No
276	GOM_NL__2PRFIN20110713_222847_000000423104_00274_48995_5329.N1	13-JUL-2011 22:28:47	Bright	42.000	103	38Zet Sgr	2.6000	9700.0	84	48995	No
277	GOM_NL__2PRFIN20110713_223117_000000403104_00274_48995_5330.N1	13-JUL-2011 22:31:17	Bright	40.000	155	41Pi Sgr	2.9000	6600.0	80	48995	No
278	GOM_NL__2PRFIN20110713_224200_000000393104_00274_48995_5331.N1	13-JUL-2011 22:42:00	Bright	38.500	168	17Zet Aql	2.9860	11000.	77	48995	No

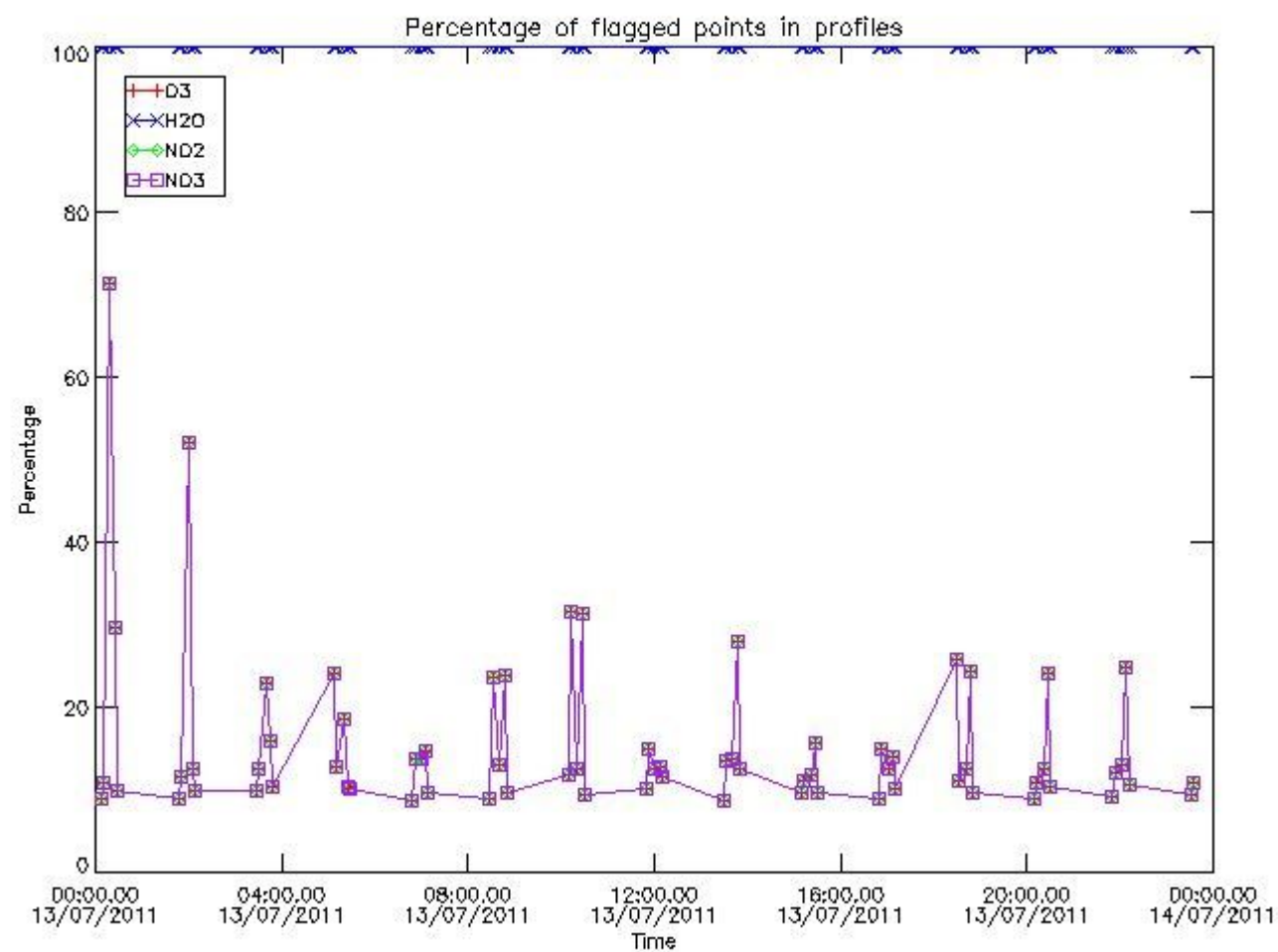


279	GOM_NL__2PRFIN20110713_224902_000000373104_00274_48995_5332.N1	13-JUL-2011 22:49:02	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	48995	No
280	GOM_NL__2PRFIN20110713_225220_000000343104_00274_48995_5333.N1	13-JUL-2011 22:52:20	Bright	34.000	69	33Gam Dra	2.2310	3800.0	68	48995	No
281	GOM_NL__2PRFIN20110713_225932_000000413104_00274_48995_5334.N1	13-JUL-2011 22:59:32	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	48995	No
282	GOM_NL__2PRFIN20110713_230818_000000603104_00274_48995_5335.N1	13-JUL-2011 23:08:18	Bright	59.500	76	27Gam Cas	2.3000	30000.	119	48995	No
283	GOM_NL__2PRFIN20110713_231313_000000613104_00274_48995_5336.N1	13-JUL-2011 23:13:13	Bright	61.000	160	23Gam Per	2.9300	4700.0	122	48995	No
284	GOM_NL__2PRFIN20110713_231433_000000543104_00274_48995_5337.N1	13-JUL-2011 23:14:33	Bright	53.500	35	33Alp Per	1.7950	6250.0	107	48995	No
285	GOM_NL__2PRFIN20110713_231727_000000453104_00274_48995_5338.N1	13-JUL-2011 23:17:27	Bright	44.500	79	26Bet Per	2.3100	13100.	89	48995	No
286	GOM_NL__2PRFIN20110713_232017_000000423104_00274_48995_5339.N1	13-JUL-2011 23:20:17	Twilight	42.000	150	44Zet Per	2.8900	28000.	84	48995	No
287	GOM_NL__2PRFIN20110713_232249_000000453104_00274_48995_5340.N1	13-JUL-2011 23:22:49	Twilight	45.000	146	25Eta Tau	2.8730	15200.	90	48995	No
288	GOM_NL__2PRFIN20110713_232424_000000453104_00274_48995_5341.N1	13-JUL-2011 23:24:24	Twilight	44.500	13	87Alp Tau	0.86700	3800.0	89	48995	No
289	GOM_NL__2PRFIN20110713_233034_000000593104_00274_48995_5342.N1	13-JUL-2011 23:30:34	Dark	59.000	94	92Alp Cet	2.5260	3100.0	118	48995	No
290	GOM_NL__2PRFIN20110713_233342_000000473104_00274_48995_5343.N1	13-JUL-2011 23:33:42	Dark	46.500	165	34Gam Eri	2.9500	3200.0	93	48995	No

### 3. Quality information per product

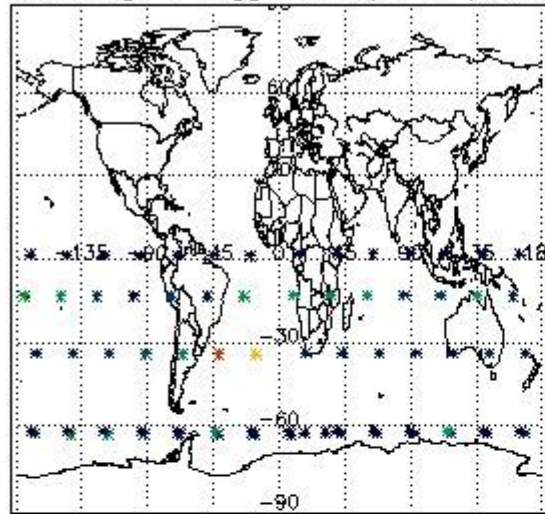
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

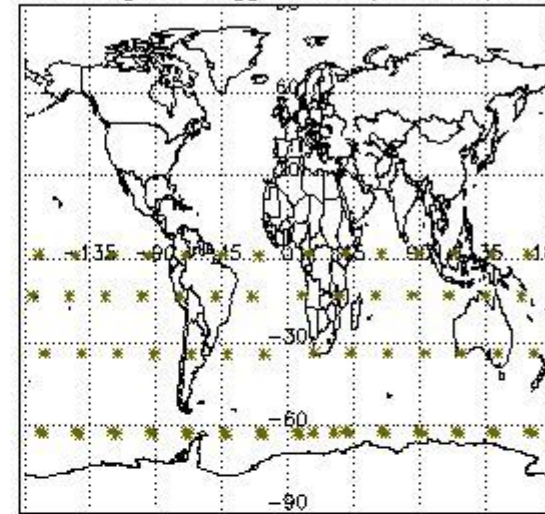


#### 3.2 Plot quality information per product (world map)

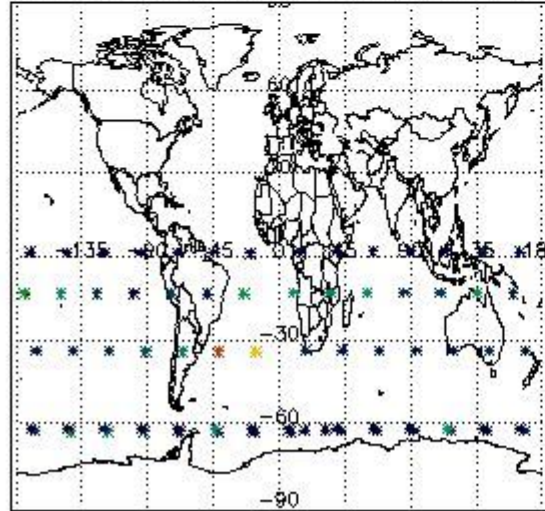
Percentage of flagged data per O3 profile



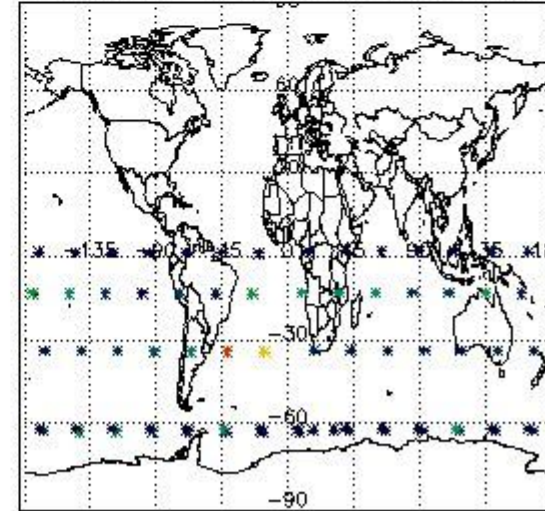
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

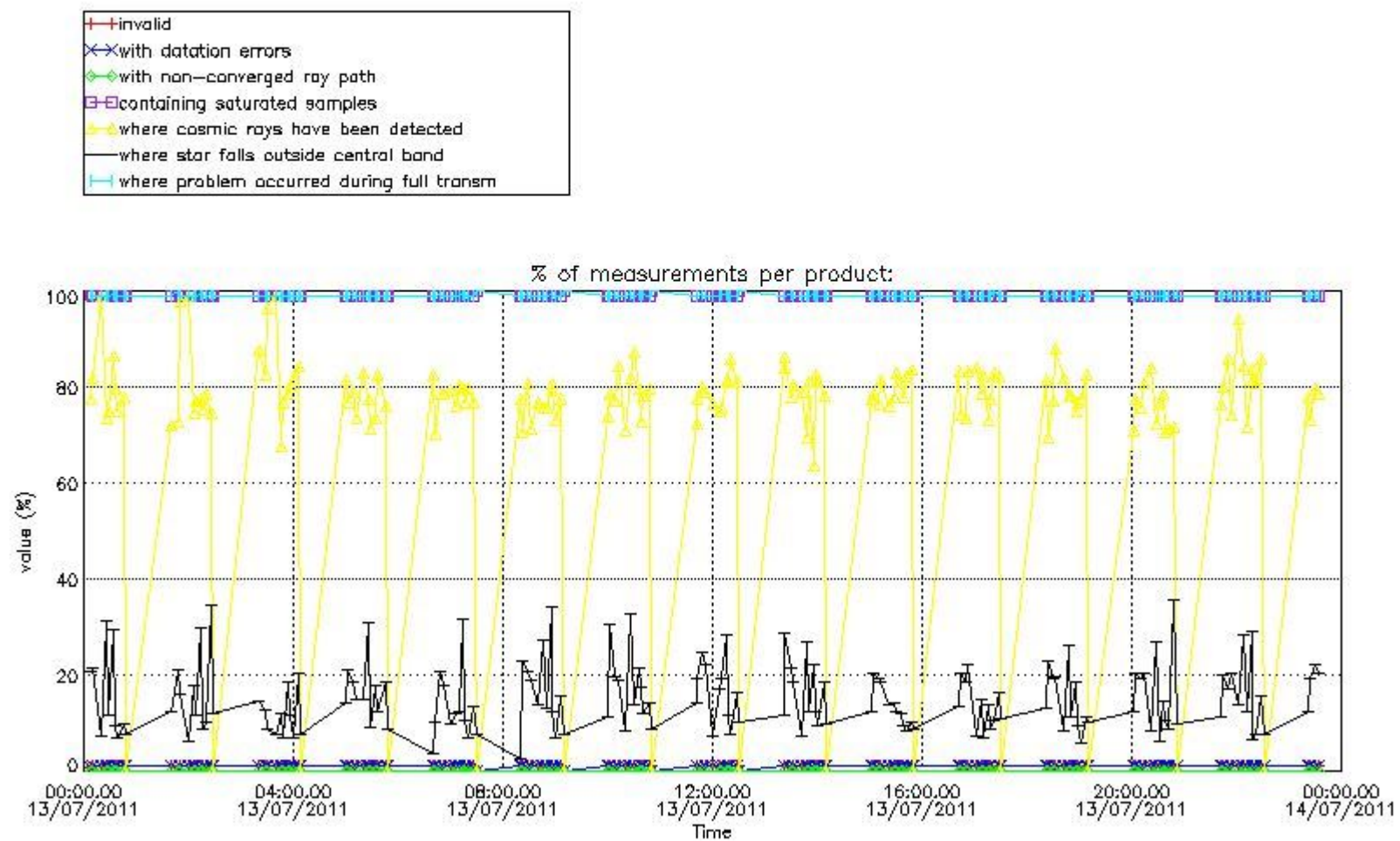


#### 4. Level 1 quality information per product

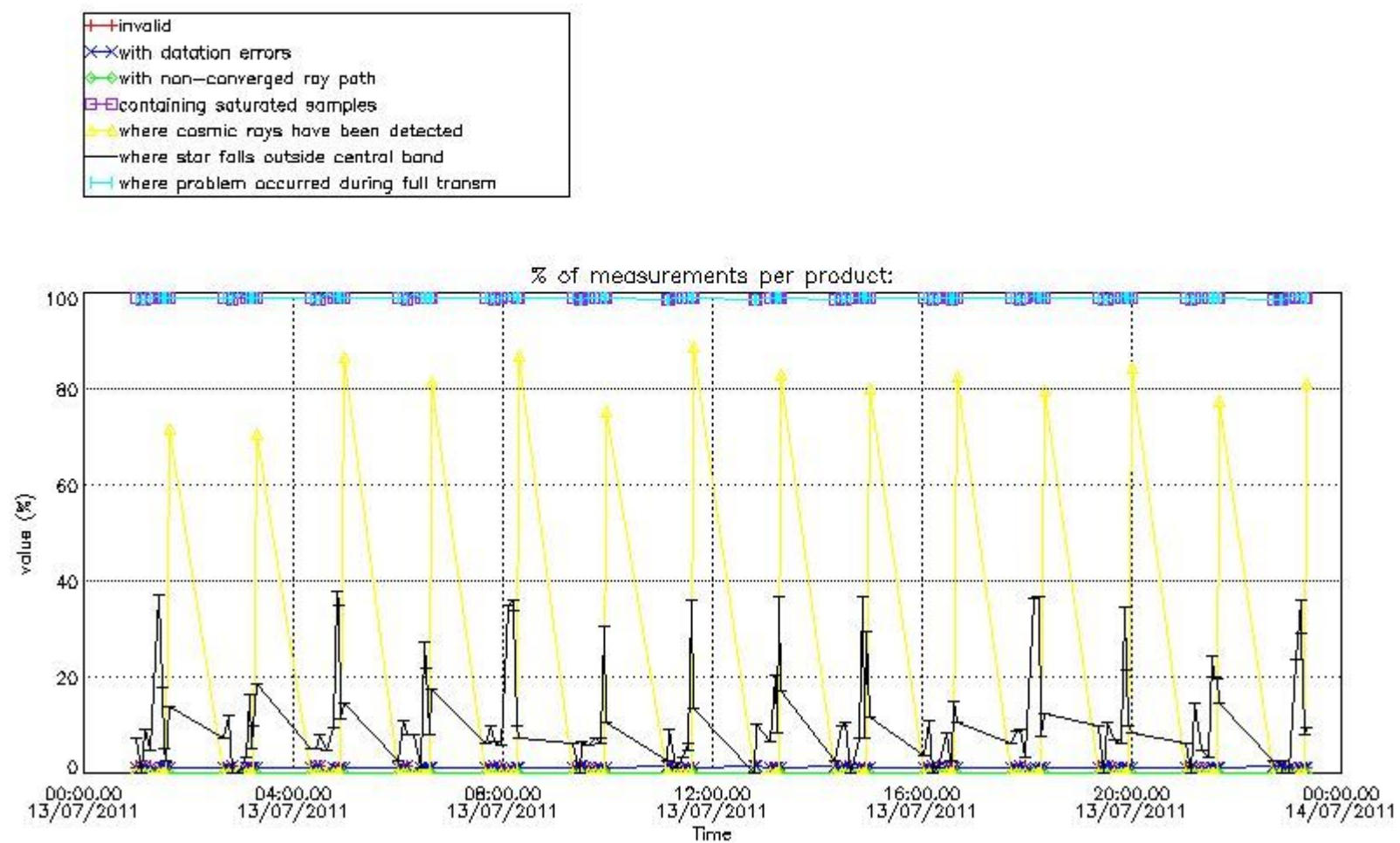
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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



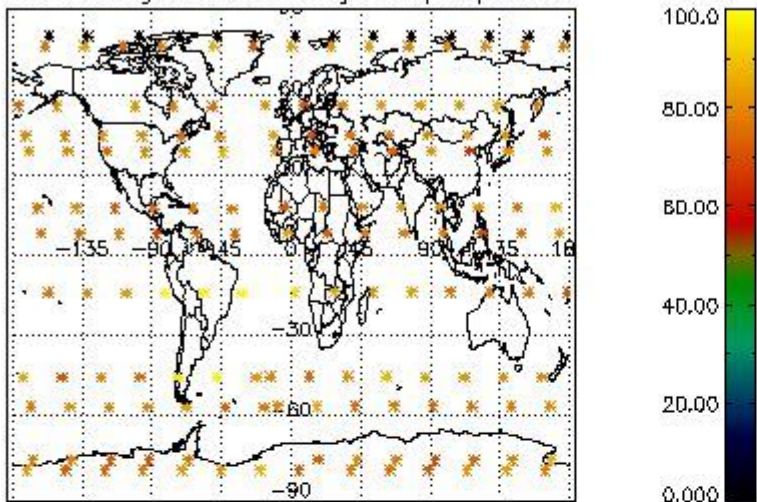
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



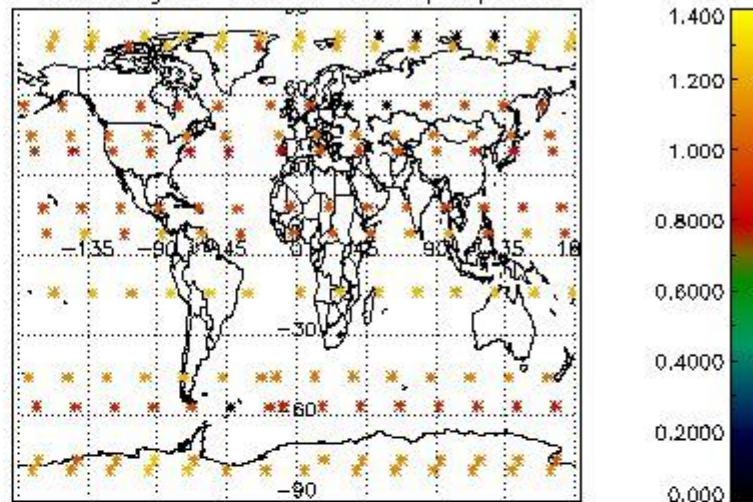
4.2 Plot quality information per product coming from level 1b processing (world map)

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

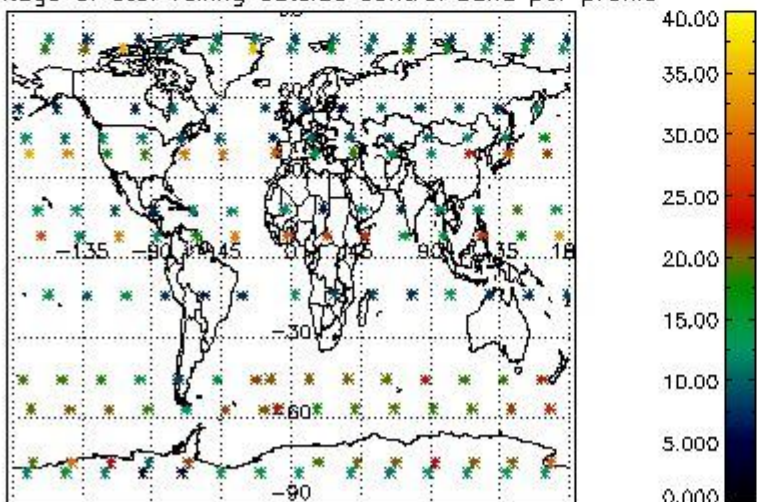
Percentage of cosmic ray hits per profile



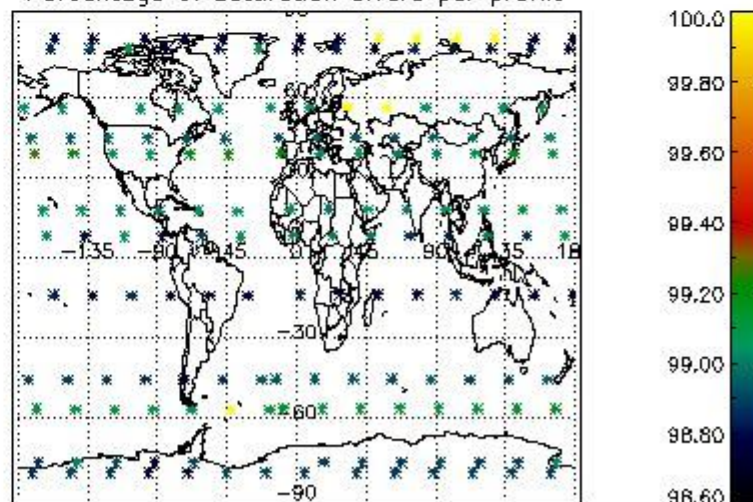
Percentage of datation errors per profile



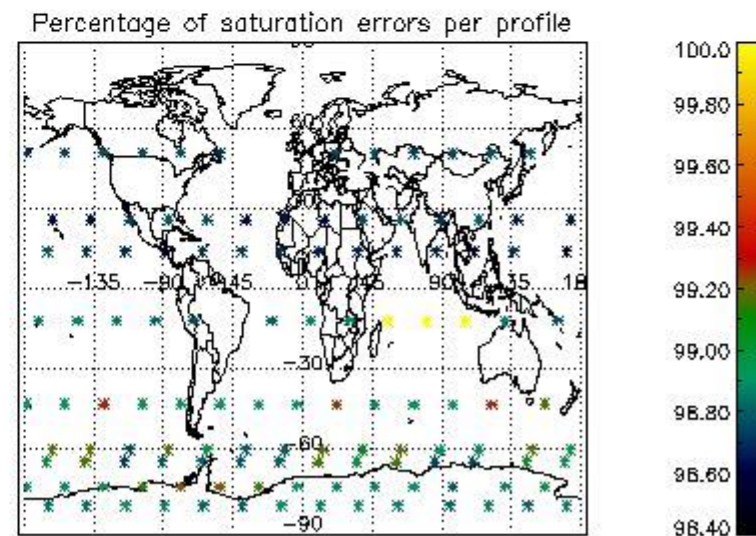
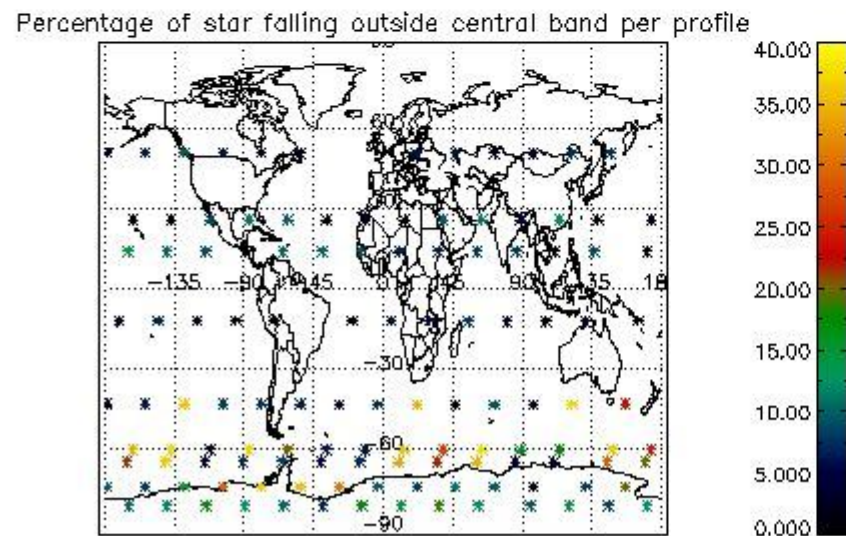
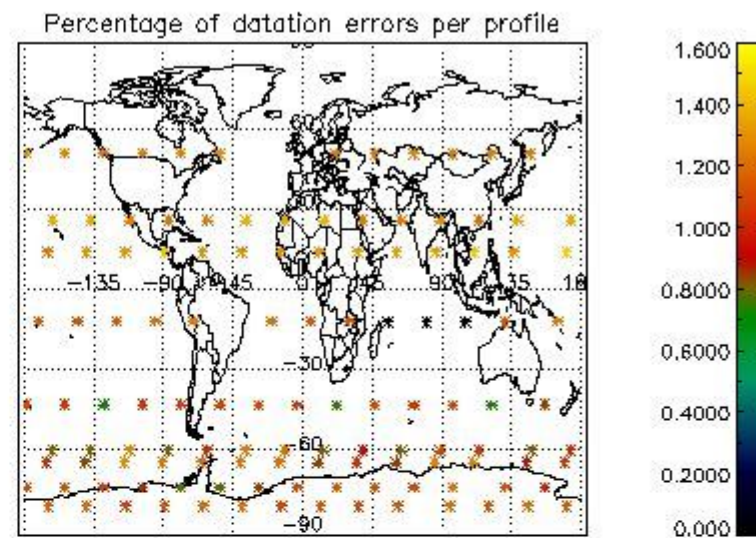
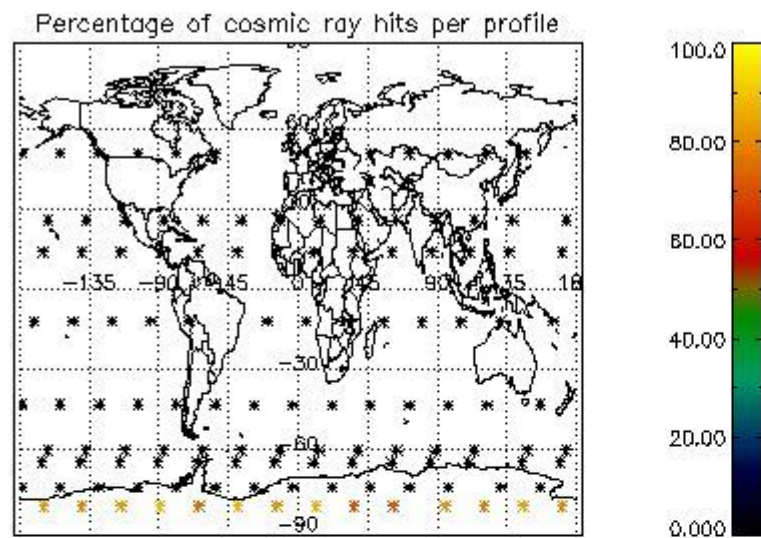
Percentage of star falling outside central band per profile



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

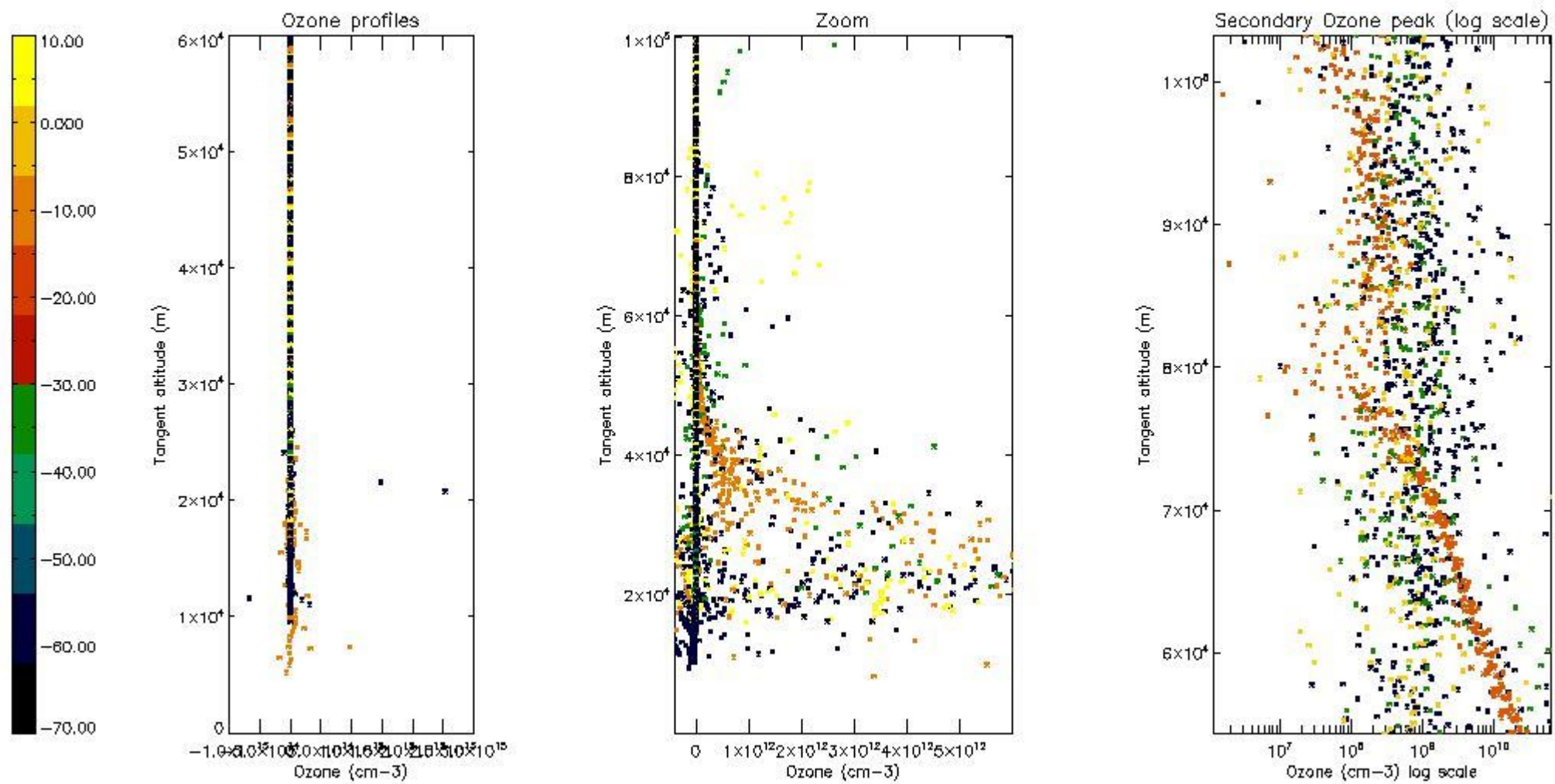
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	26
STD < 20	3

STD < 10	1
STD < 5	0

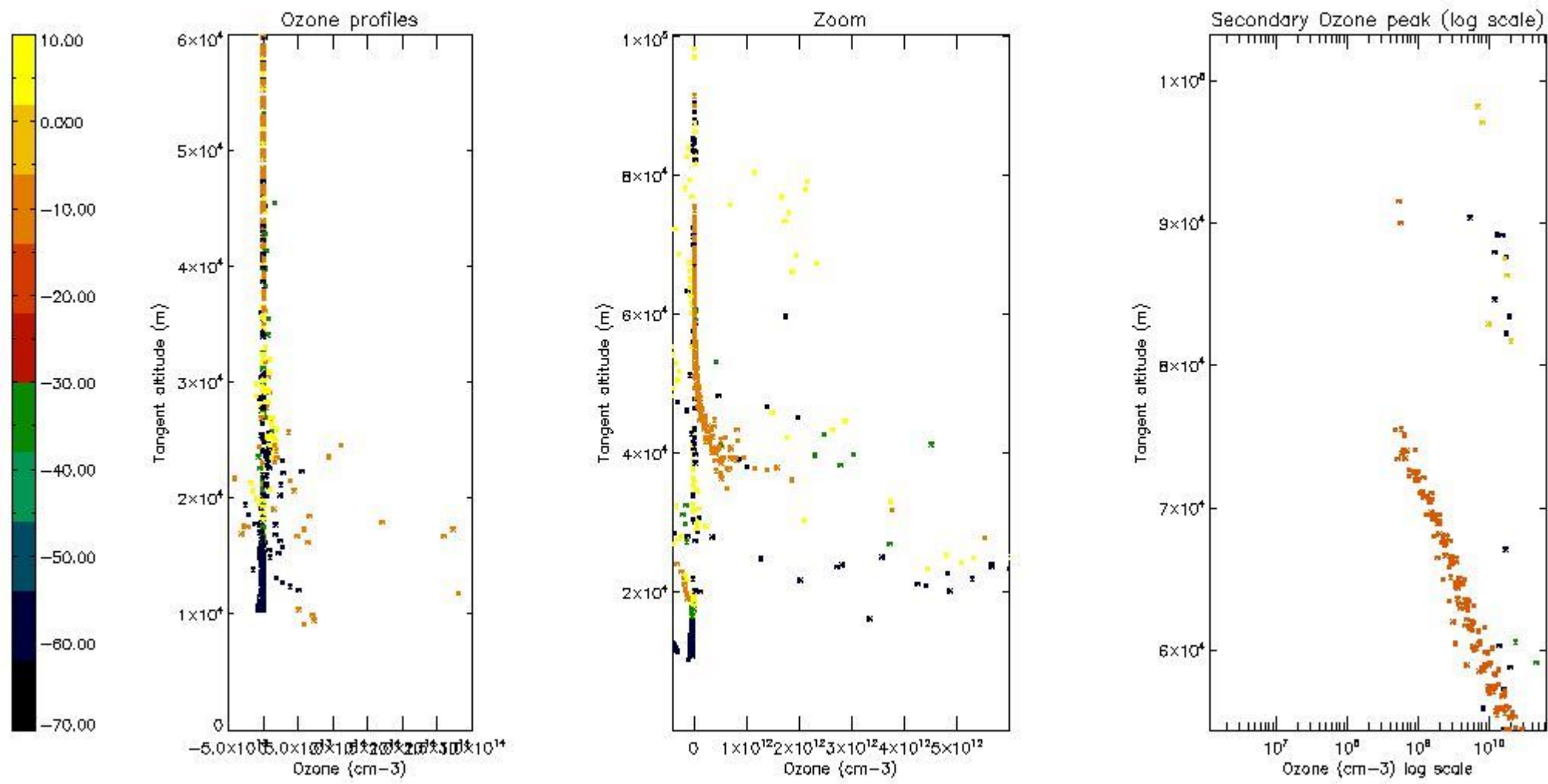
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

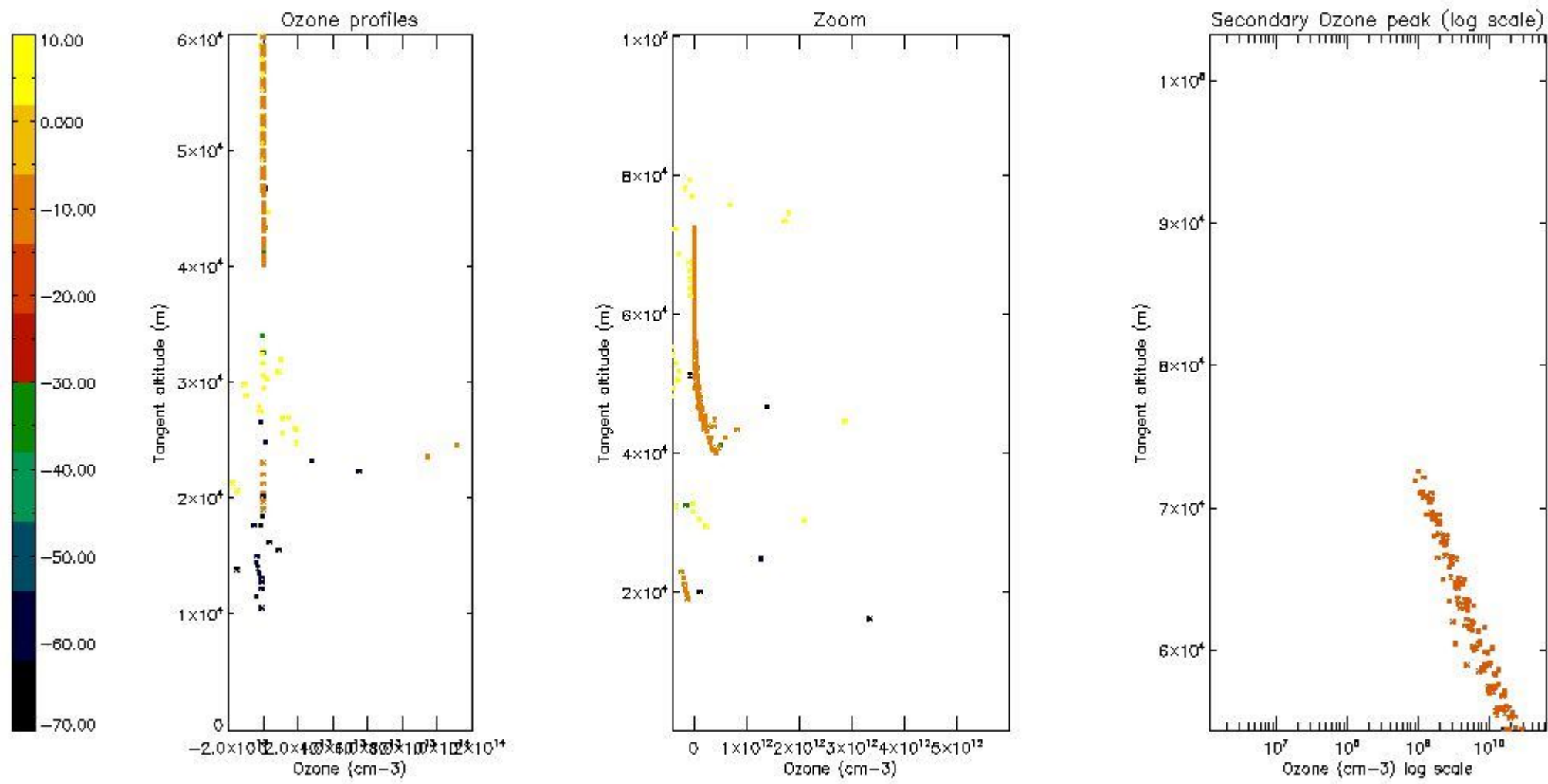
The colorbar represents the latitude.



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

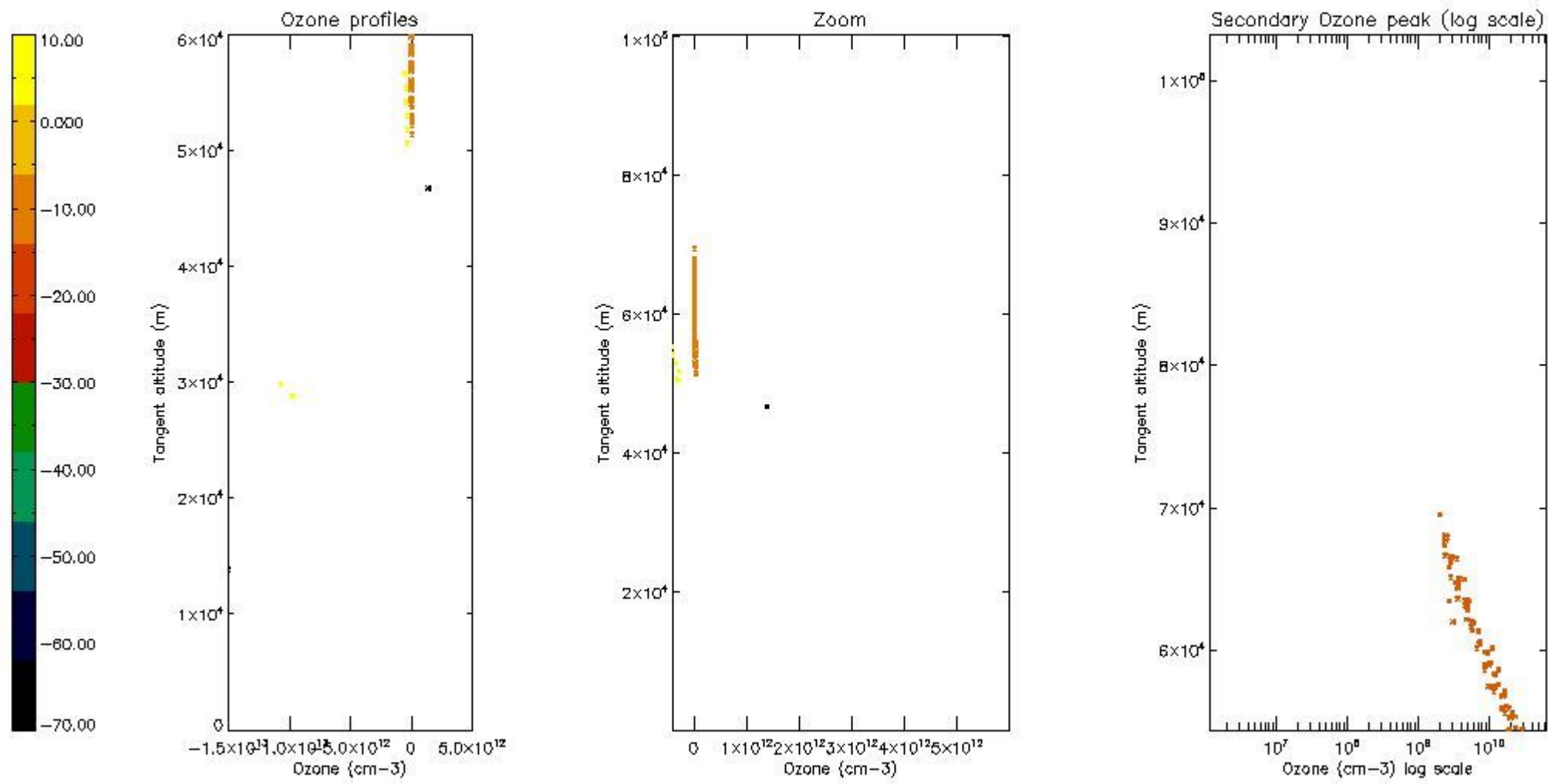
The colorbar represents the latitude.





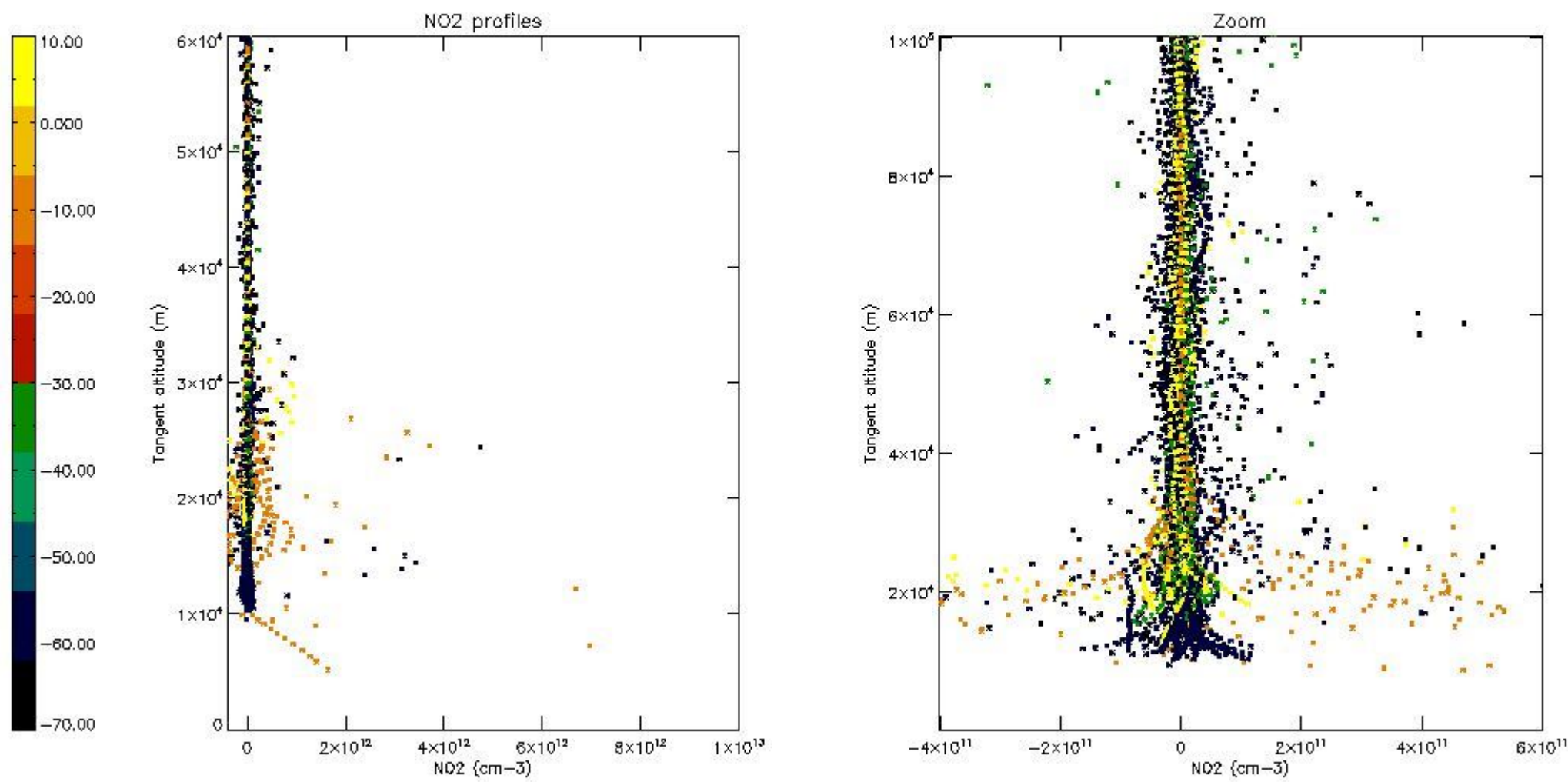
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



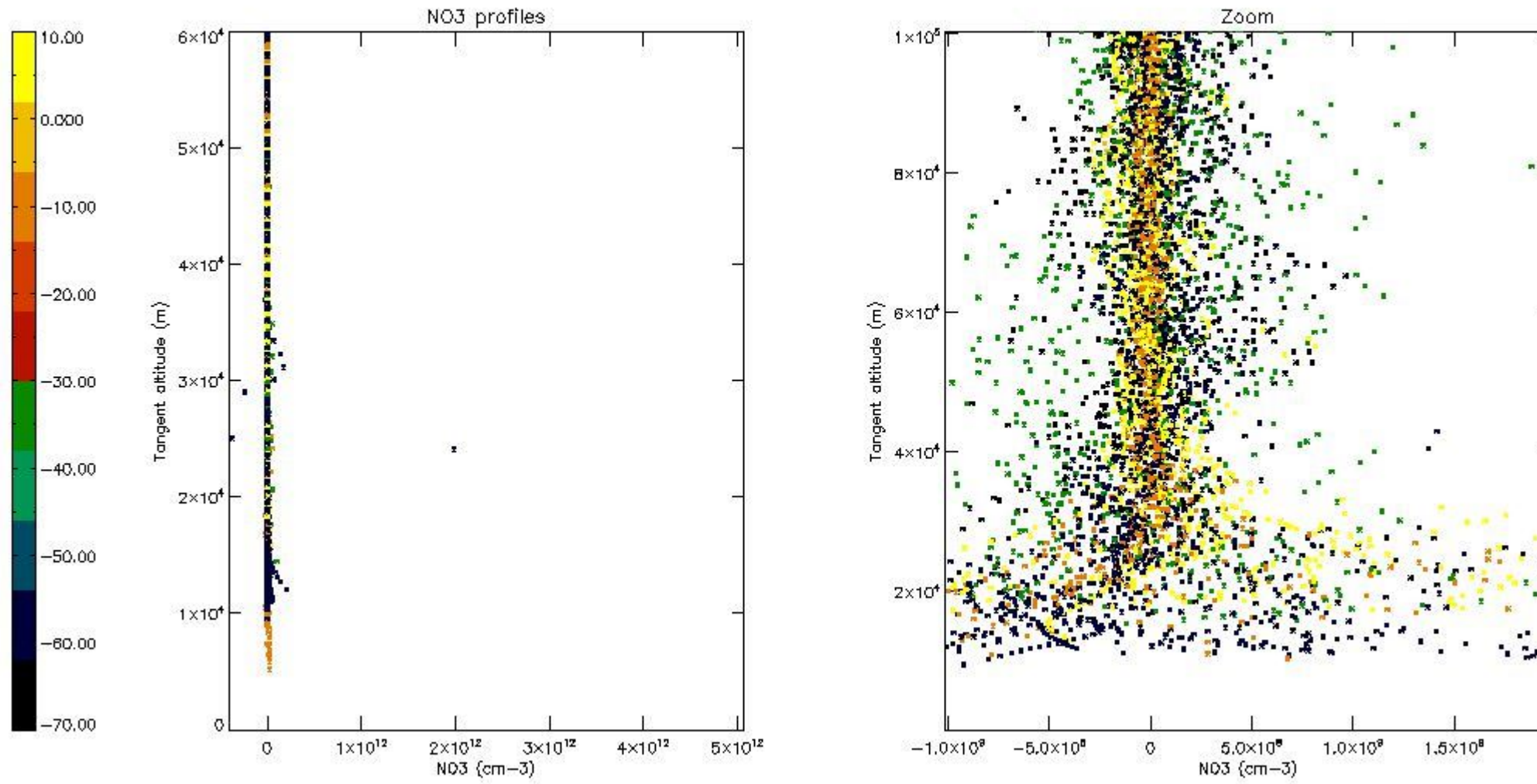
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

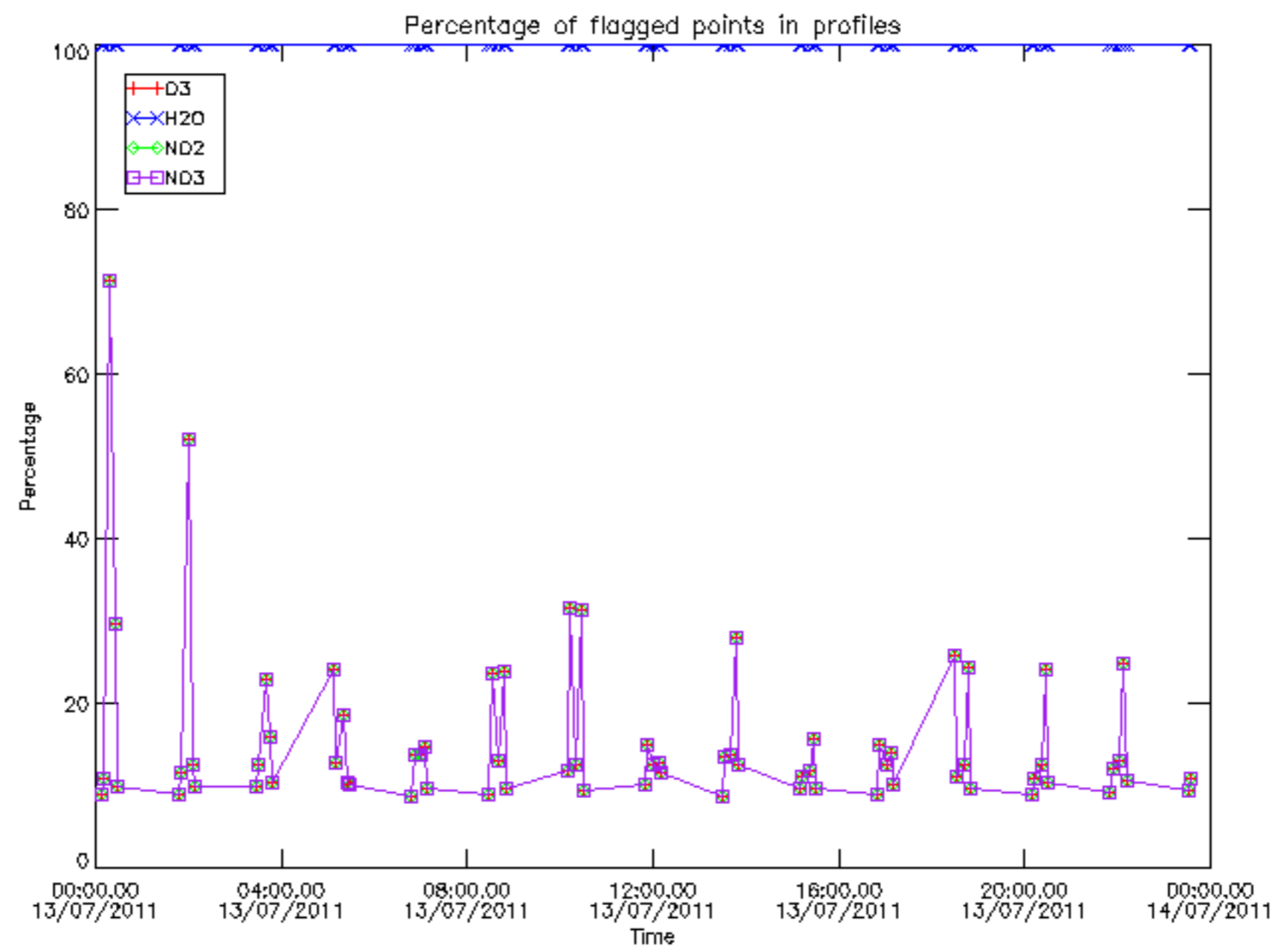
The colorbar represents the latitude.



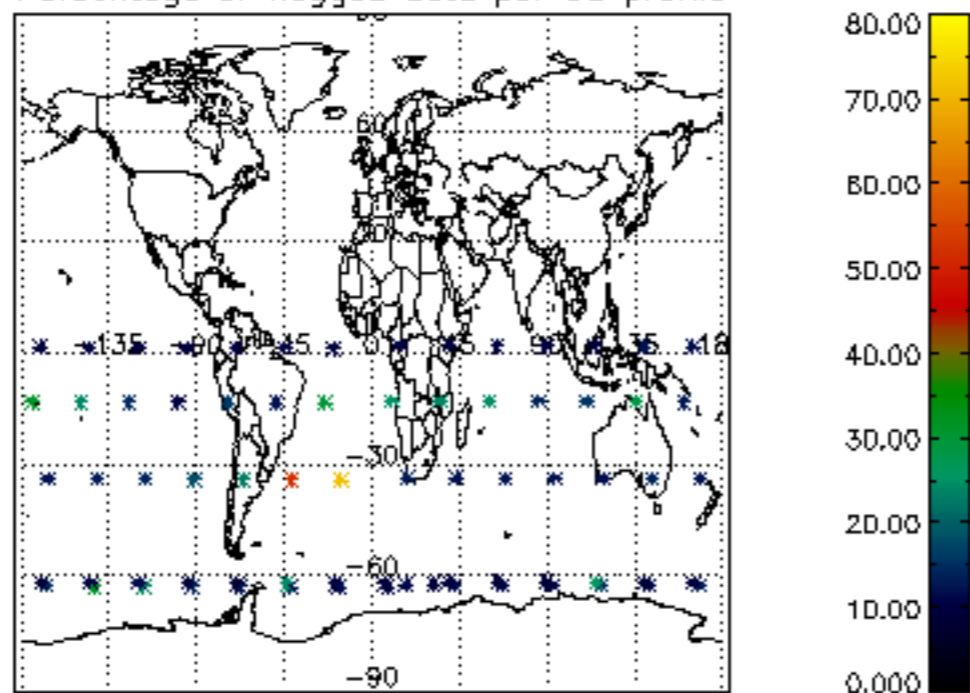
## 6. Auxiliary Data Files used for the production reported in section 2

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

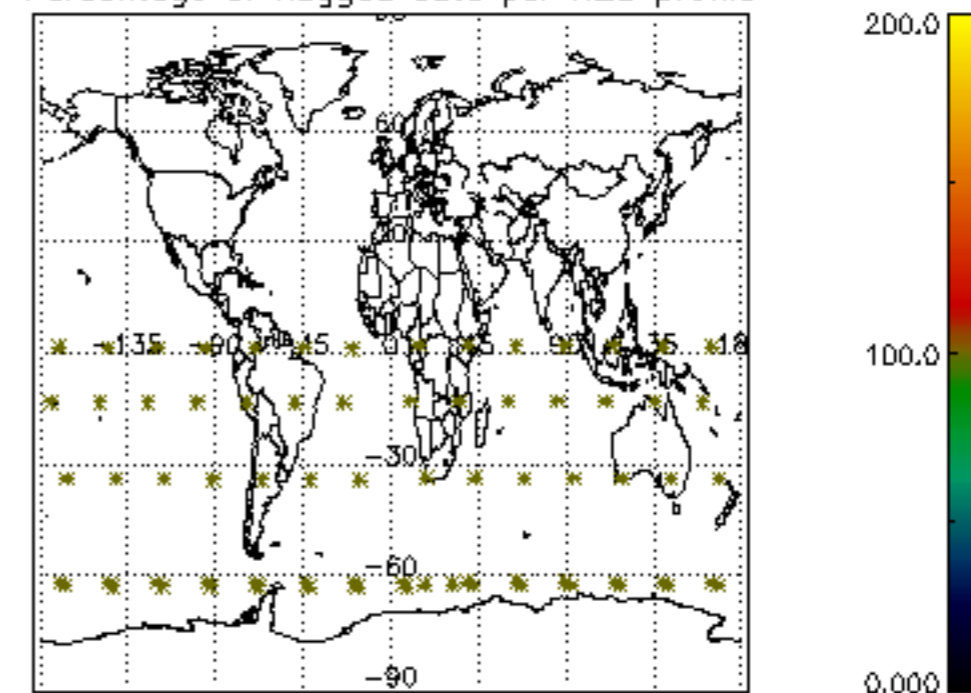
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	13-JUL-2011 00:07:08
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	13-JUL-2011 00:07:08
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	13-JUL-2011 00:07:08



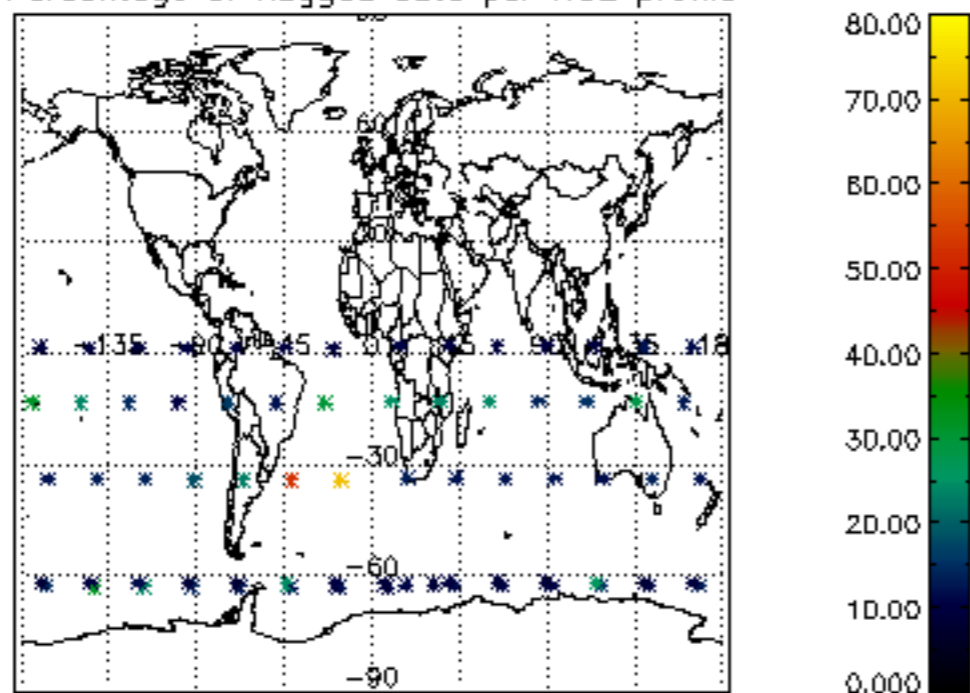
Percentage of flagged data per D3 profile



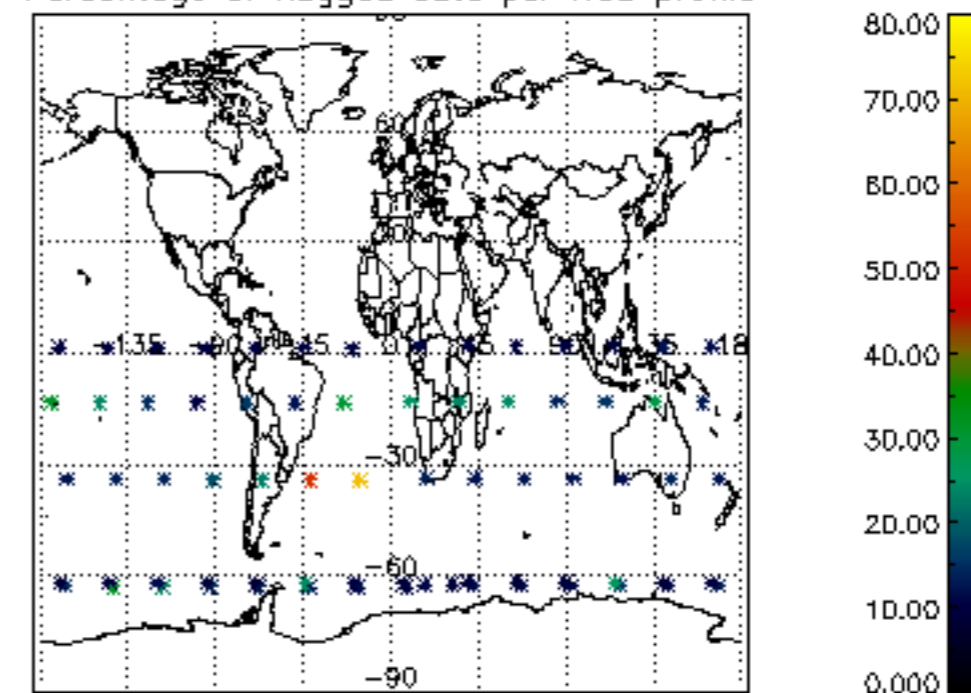
Percentage of flagged data per H2O profile

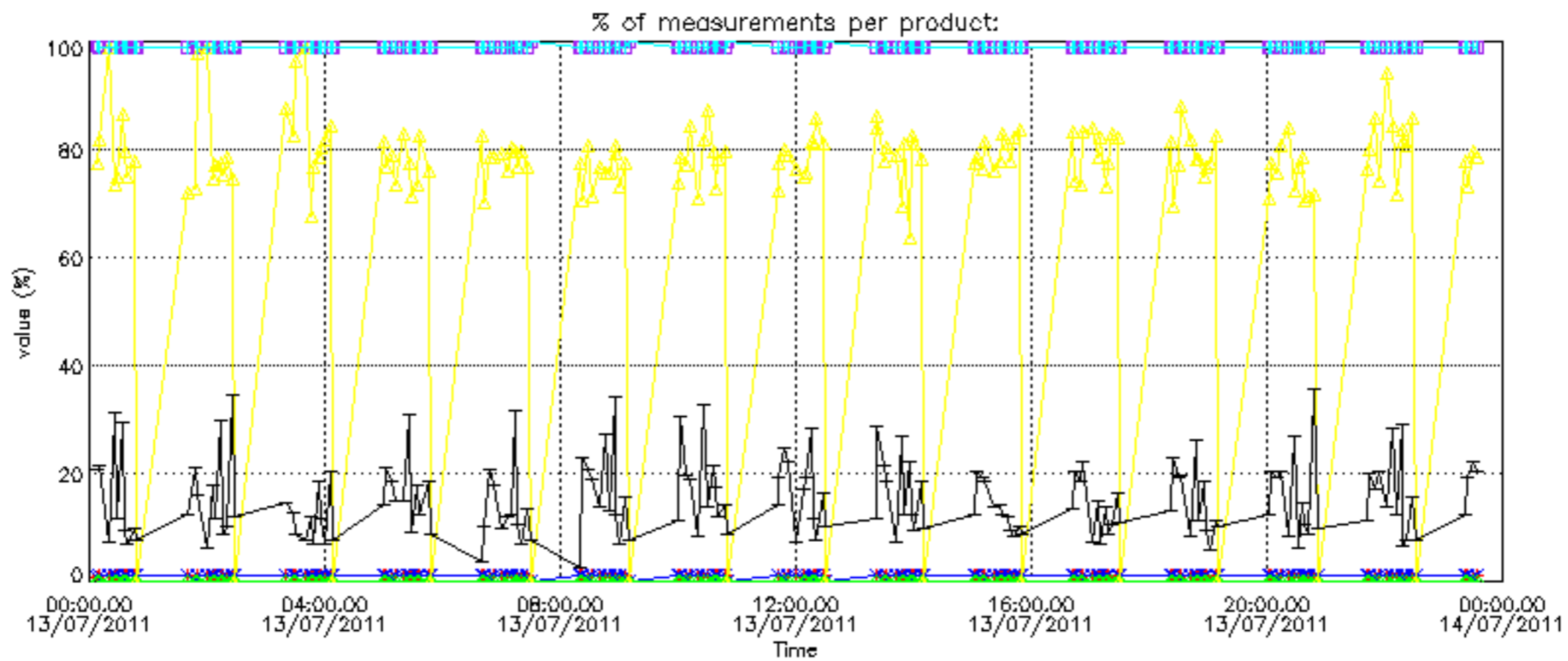


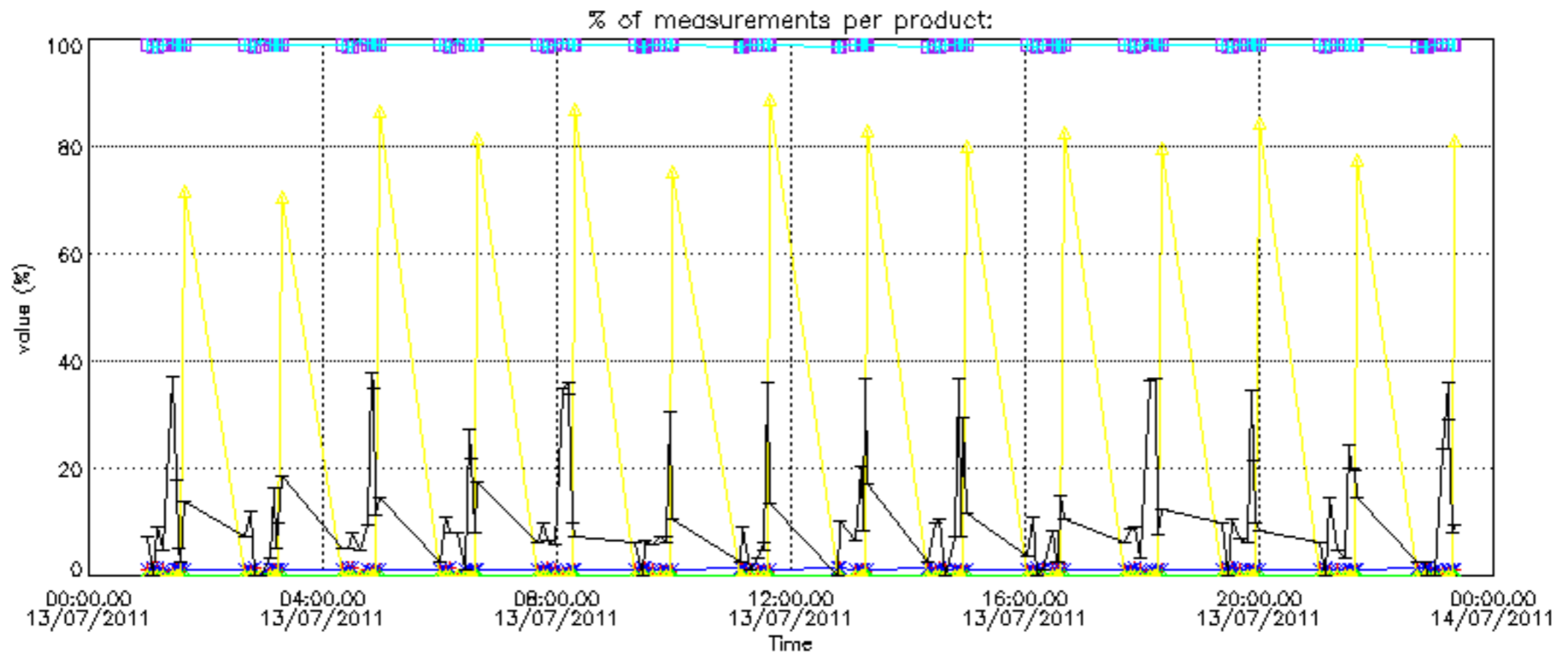
Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

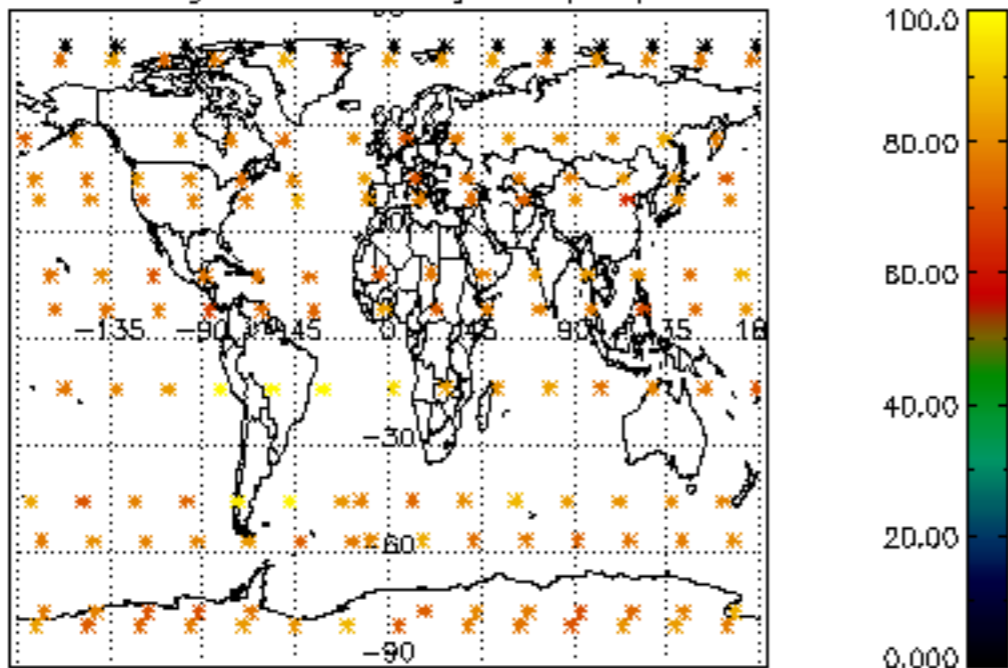




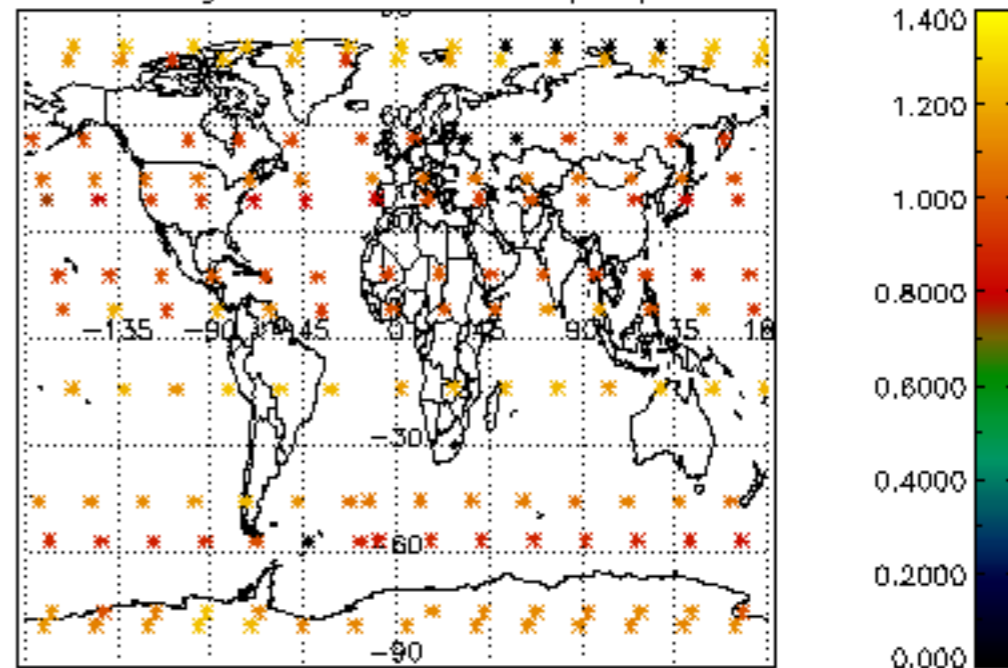




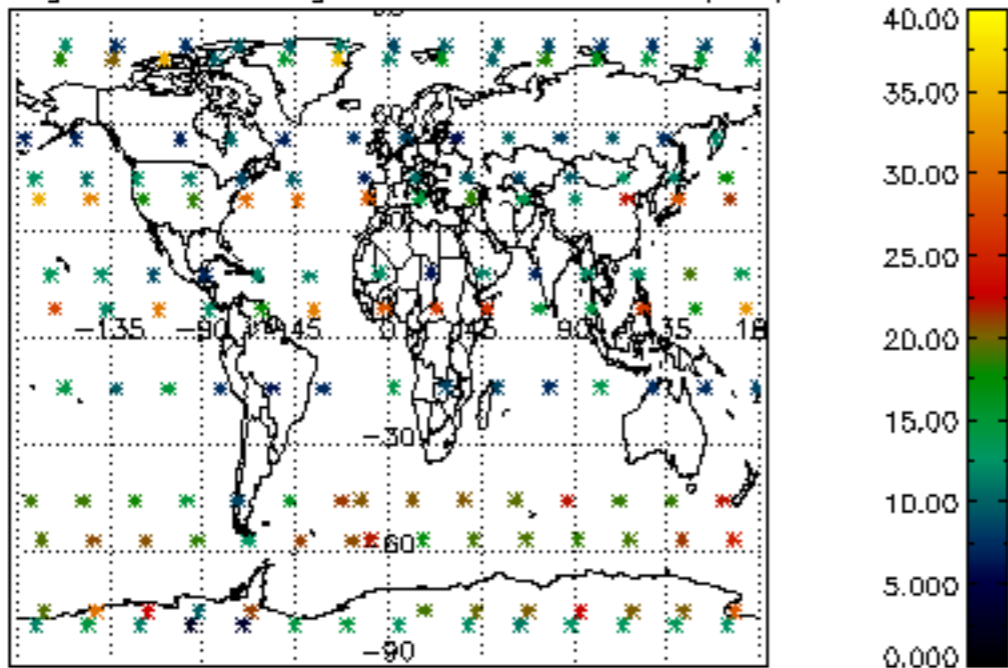
Percentage of cosmic ray hits per profile



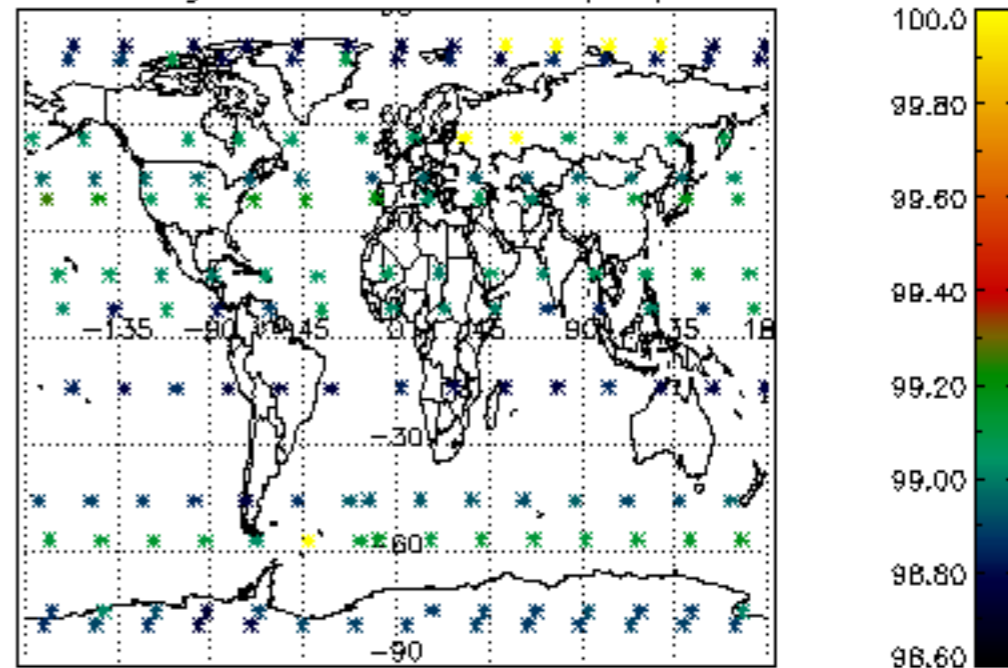
Percentage of datation errors per profile



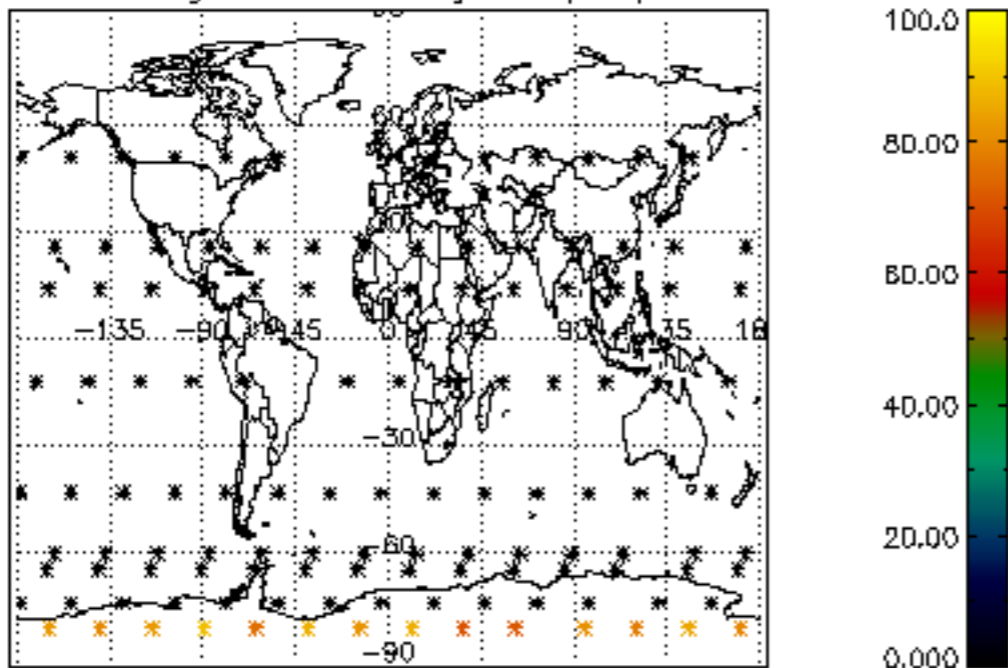
Percentage of star falling outside central band per profile



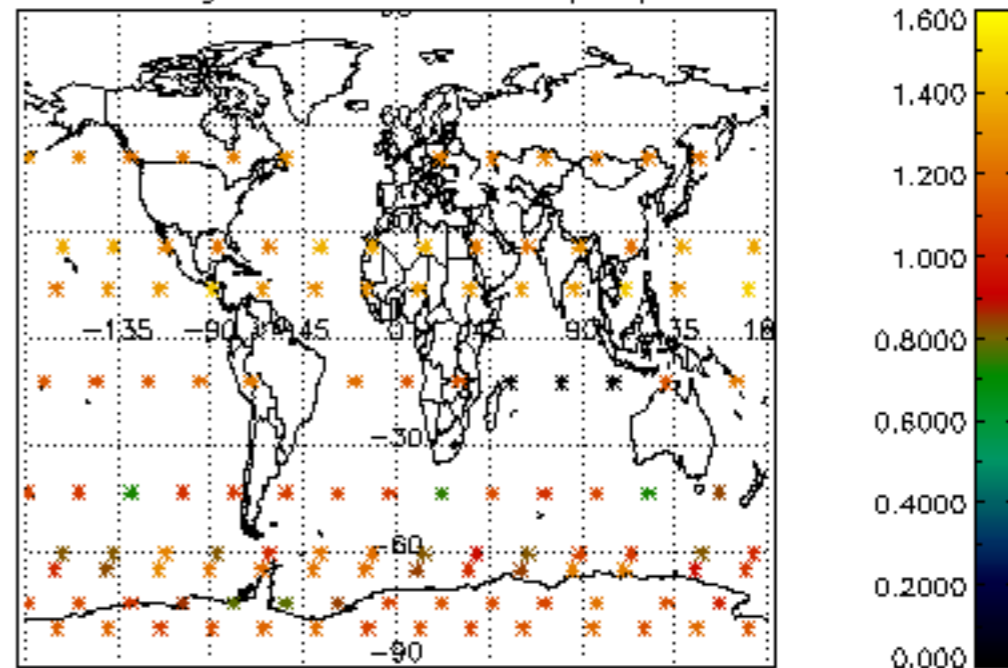
Percentage of saturation errors per profile



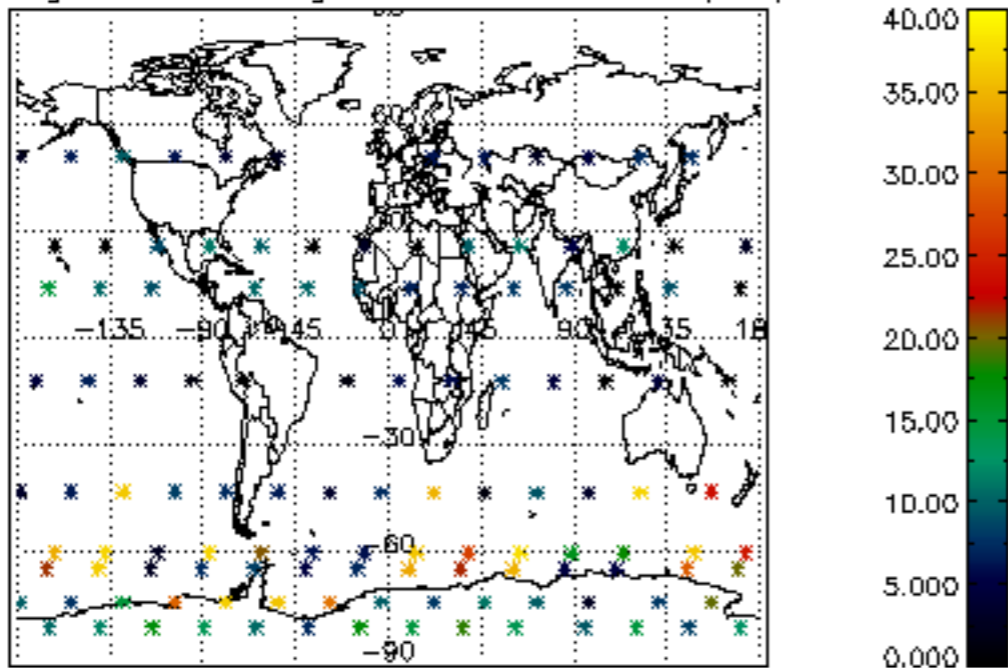
Percentage of cosmic ray hits per profile



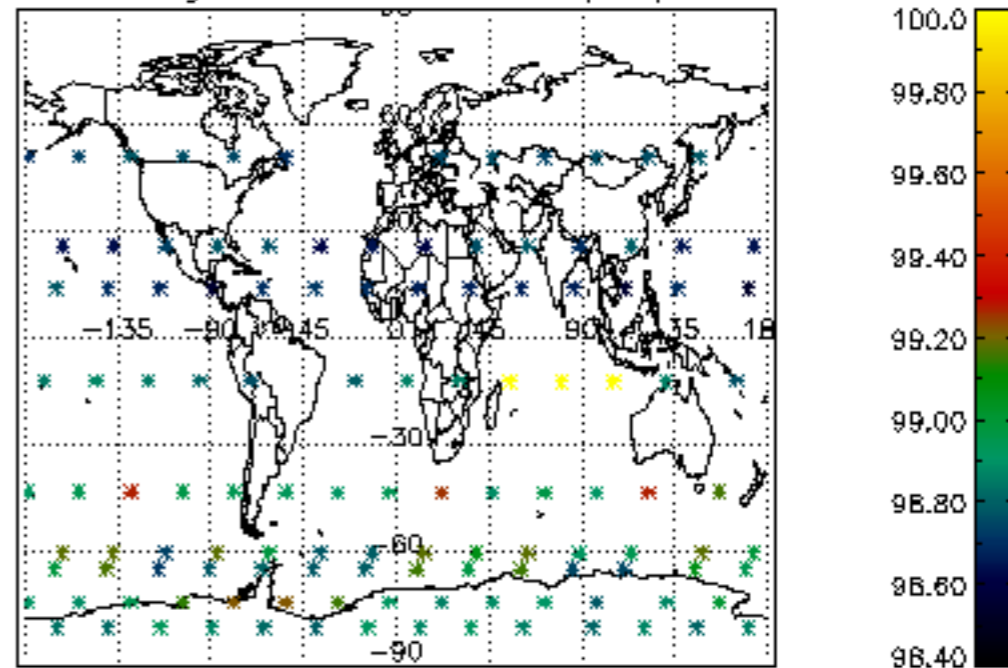
Percentage of datation errors per profile

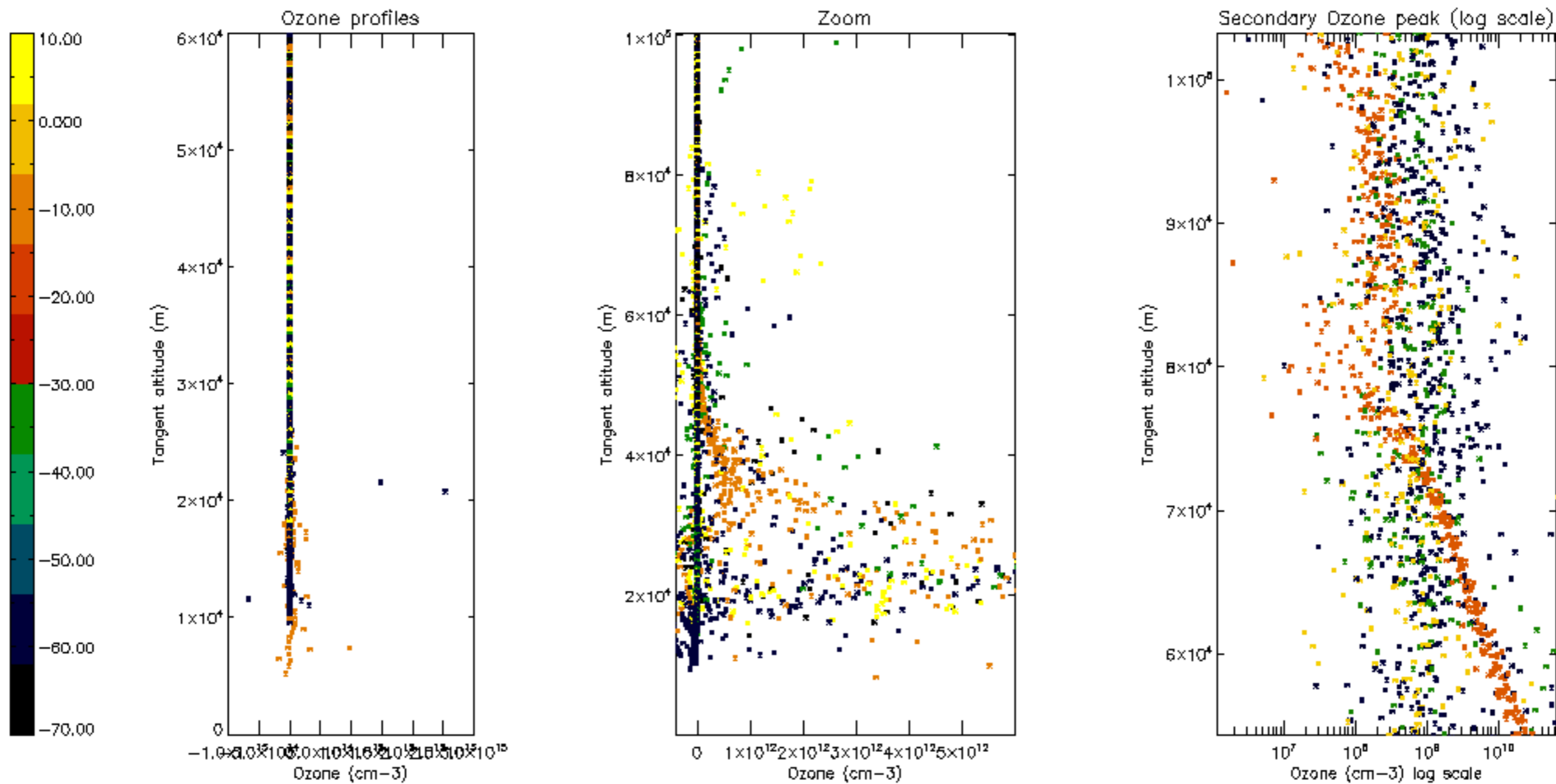


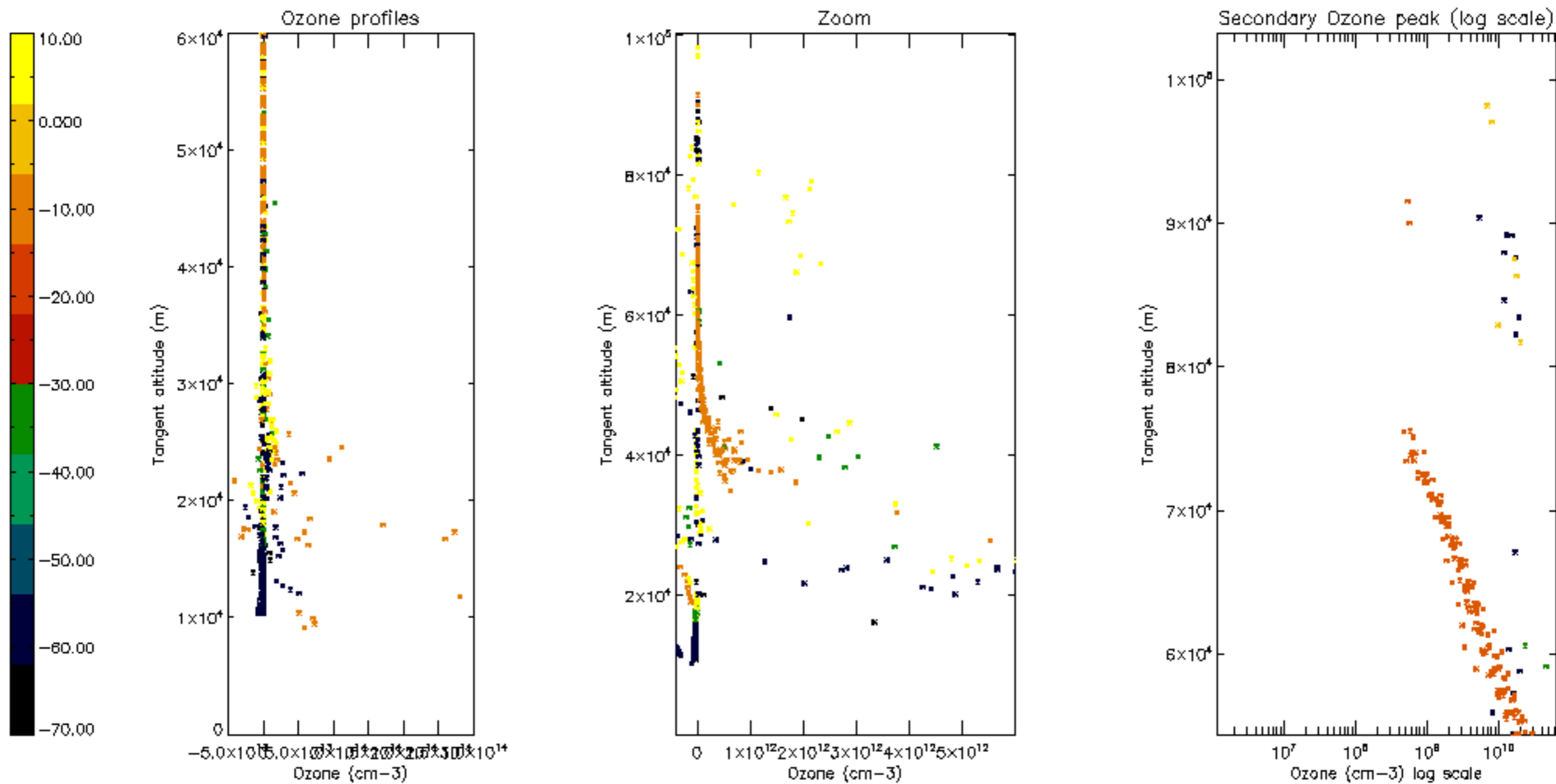
Percentage of star falling outside central band per profile

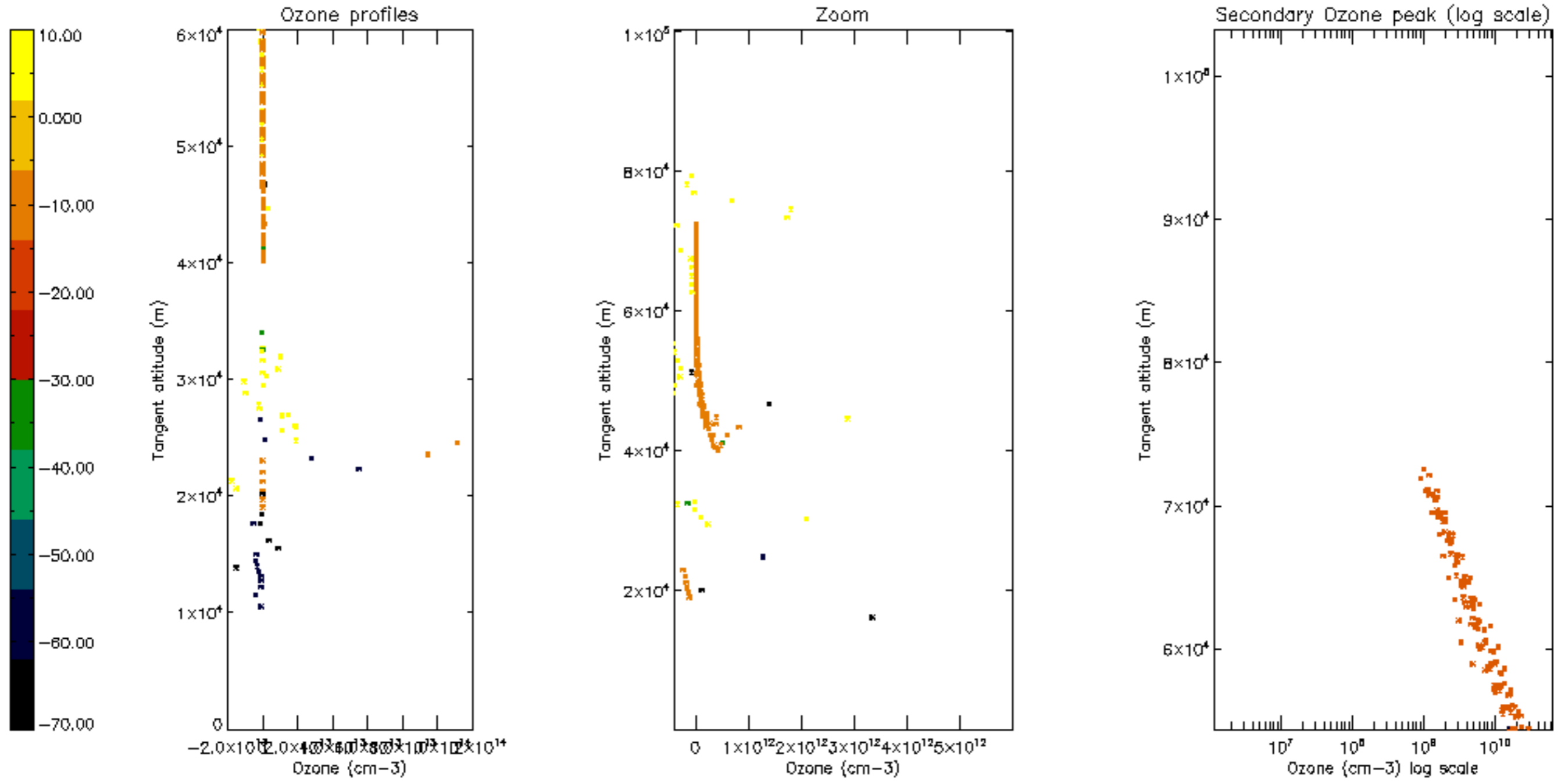


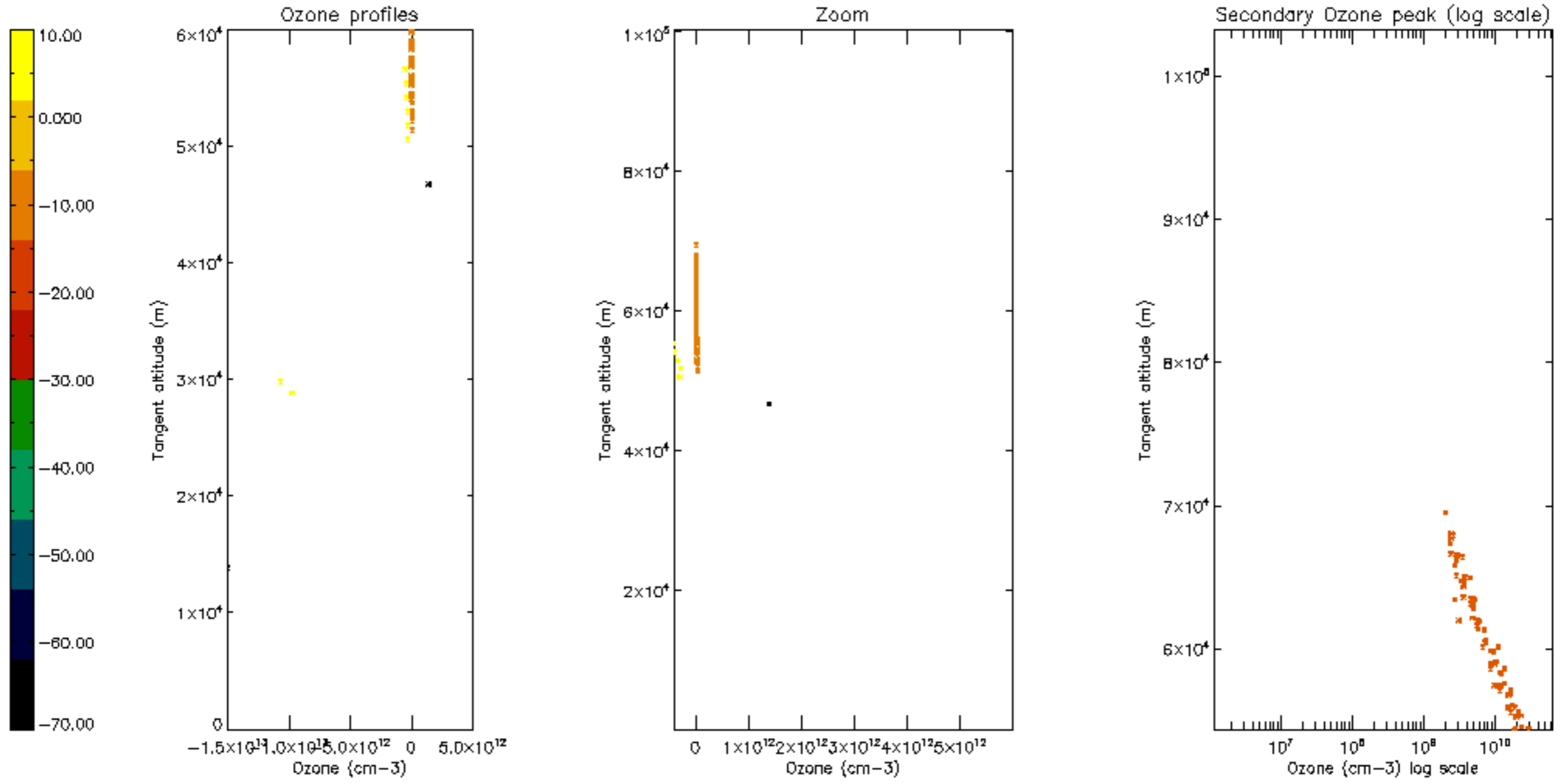
Percentage of saturation errors per profile

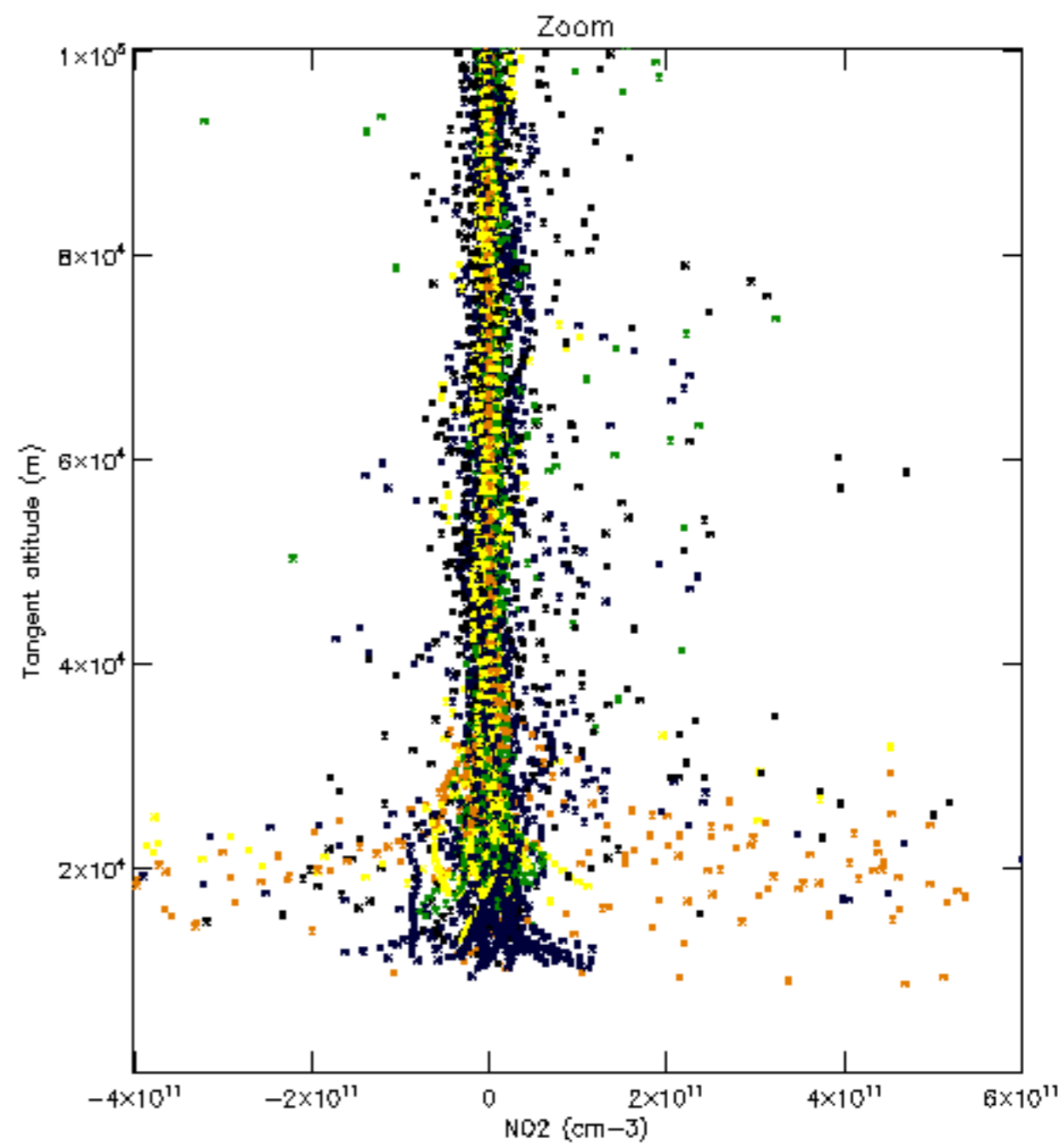
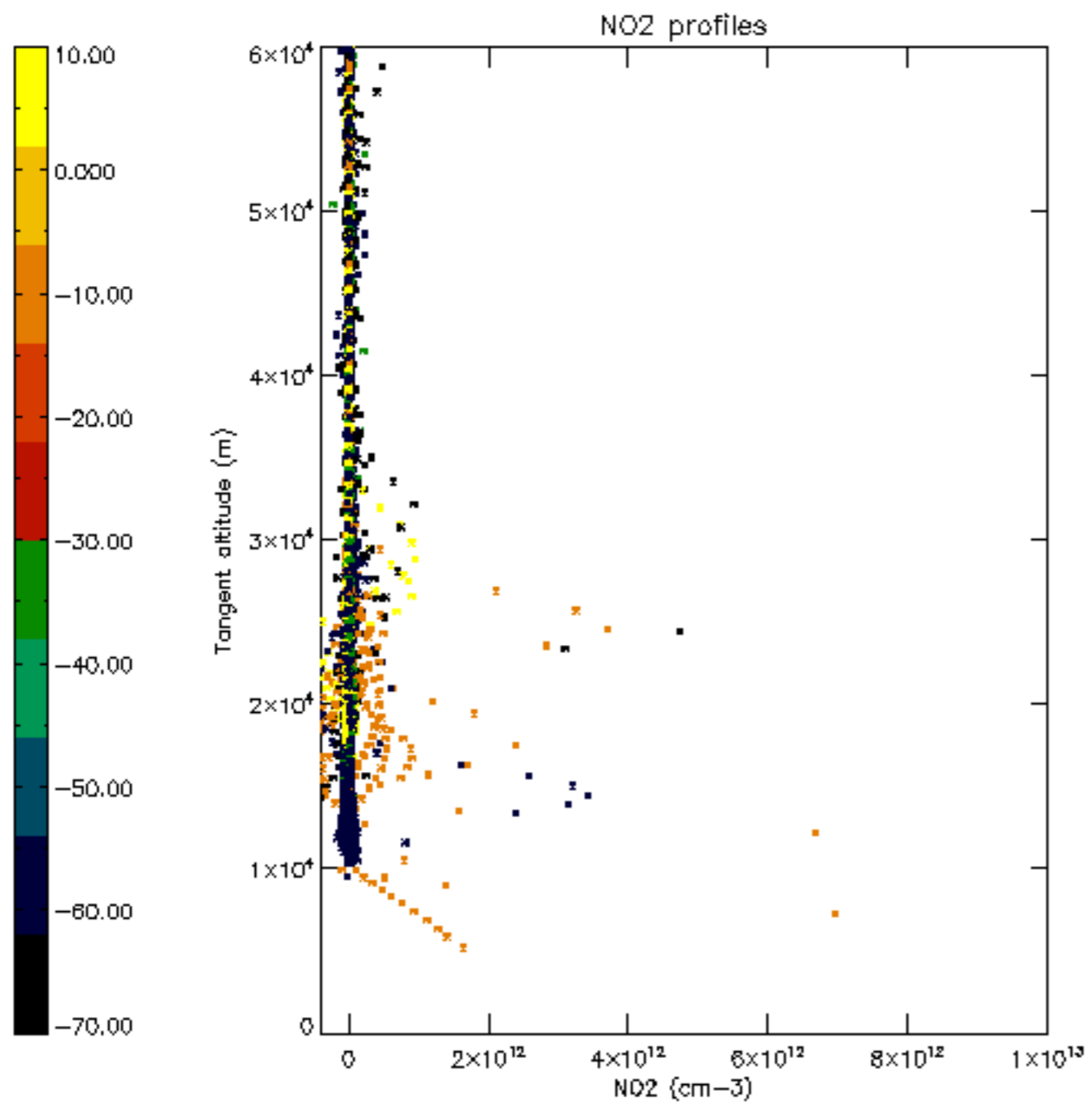


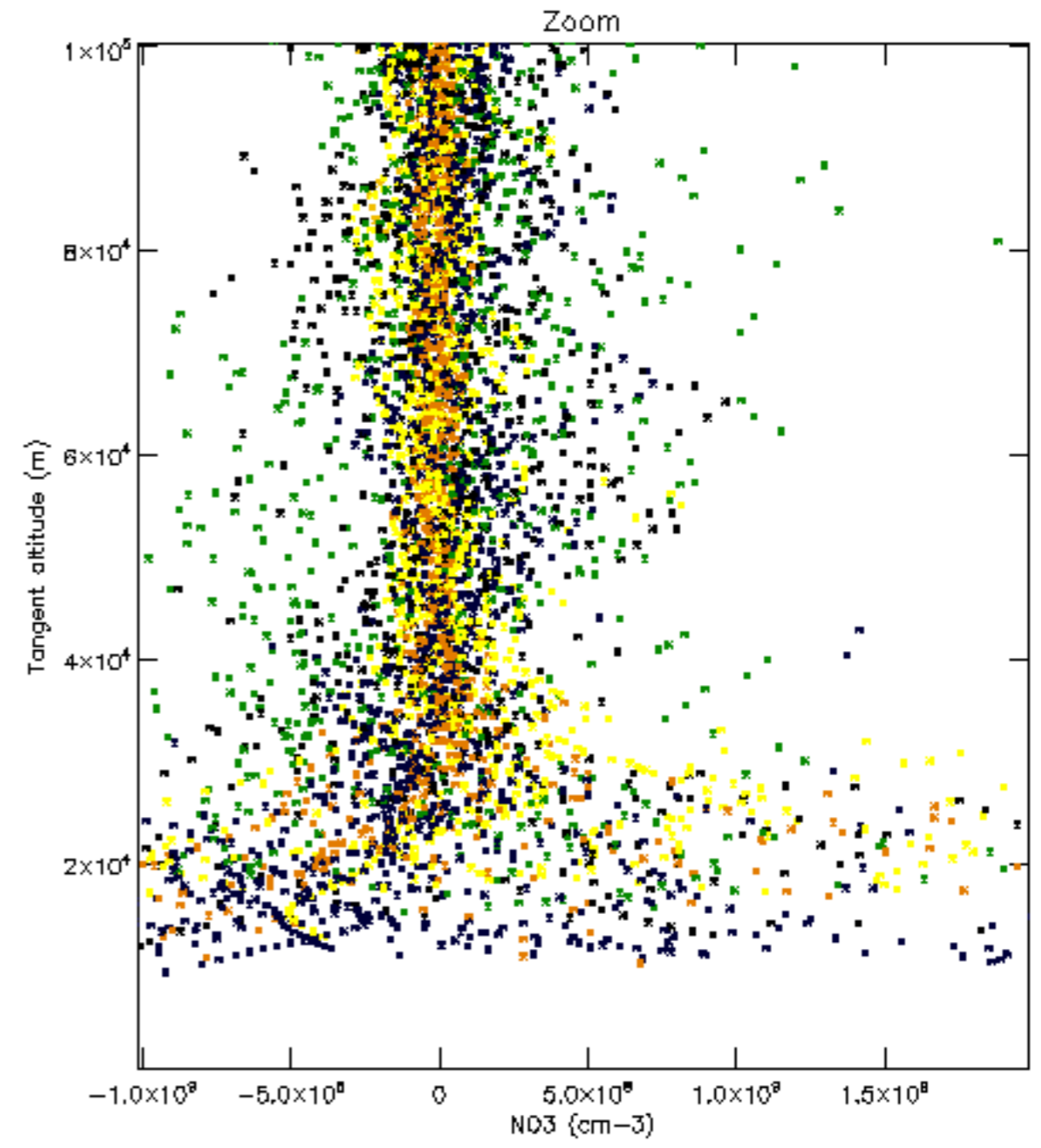
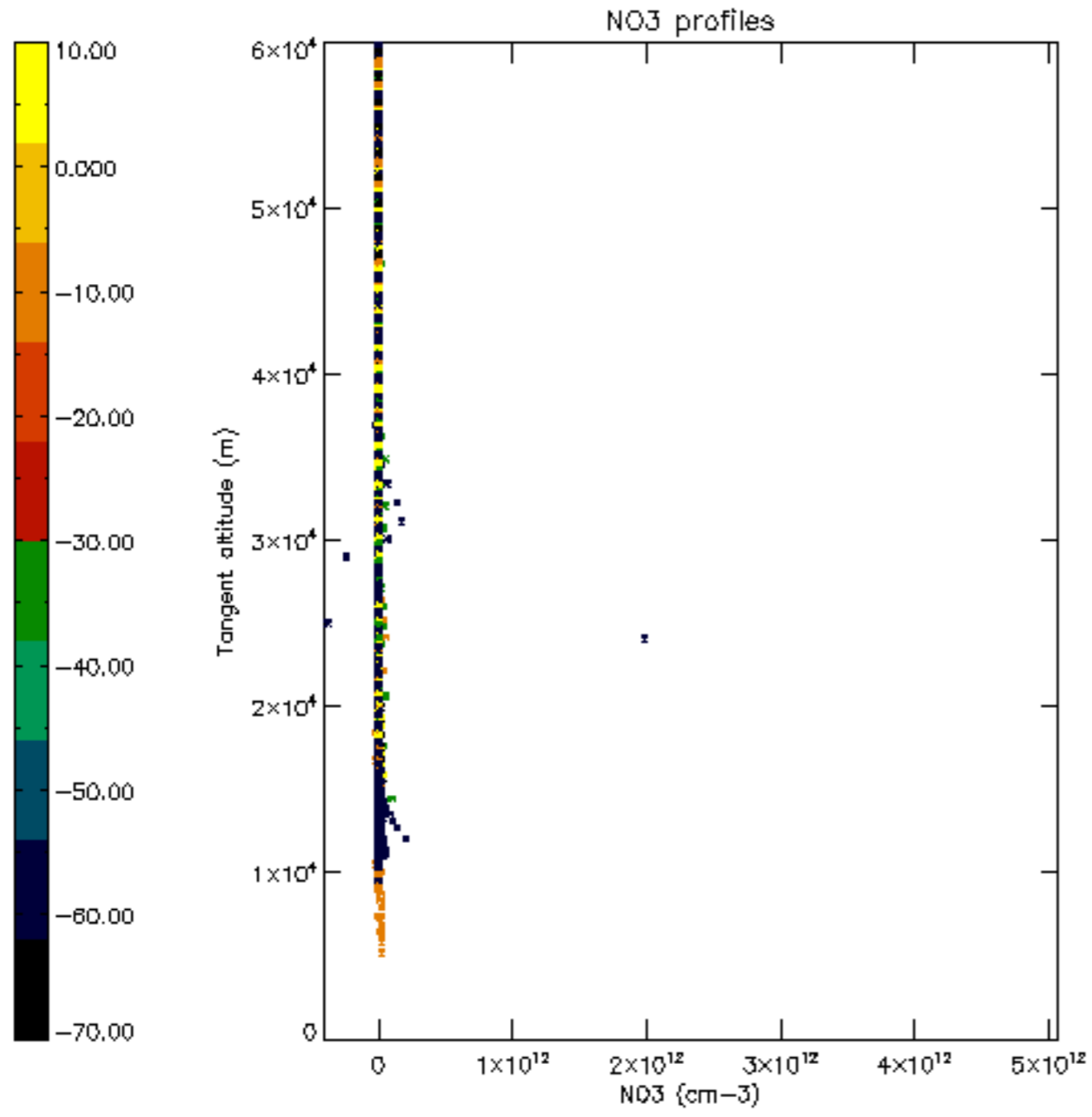




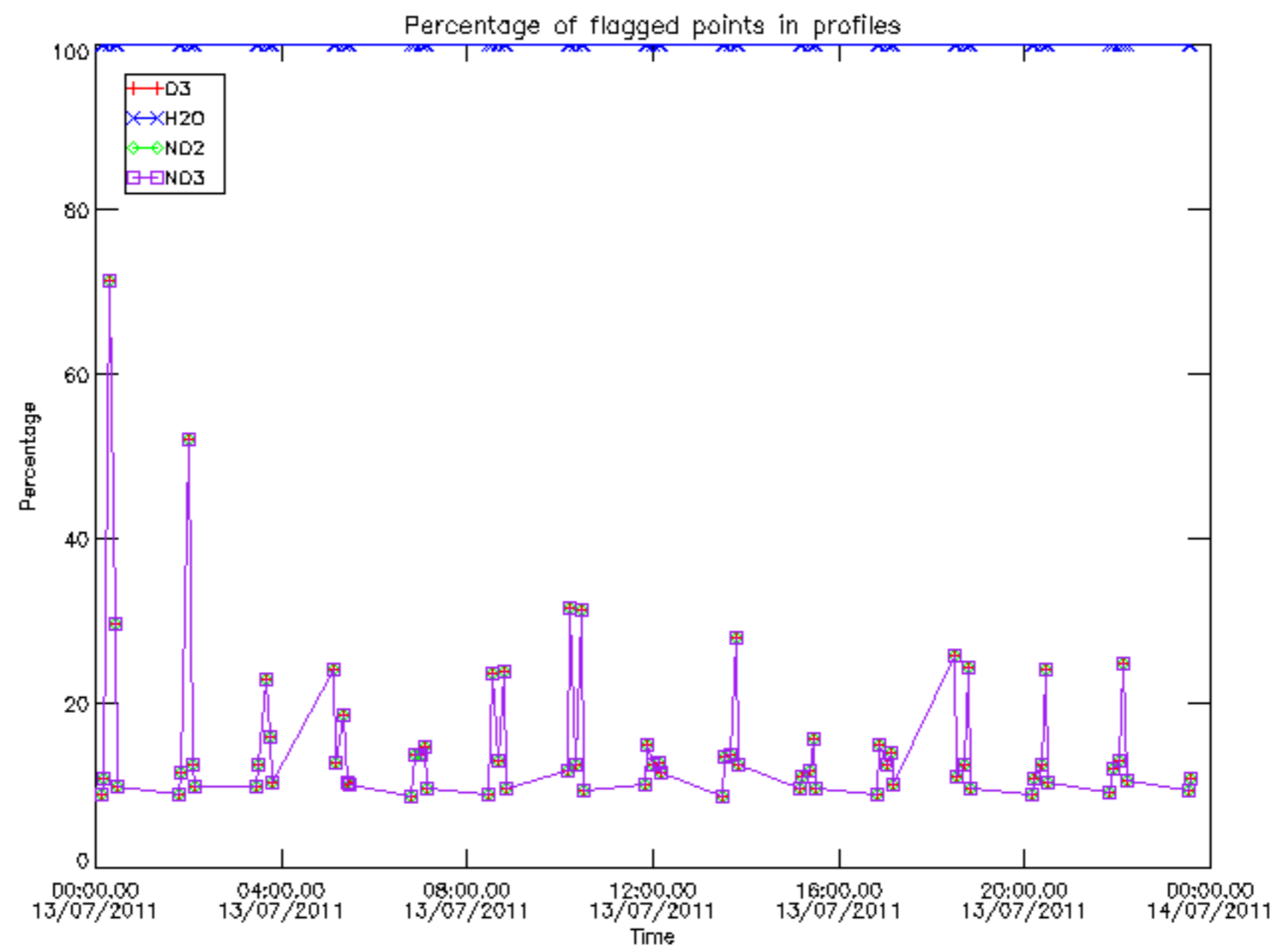




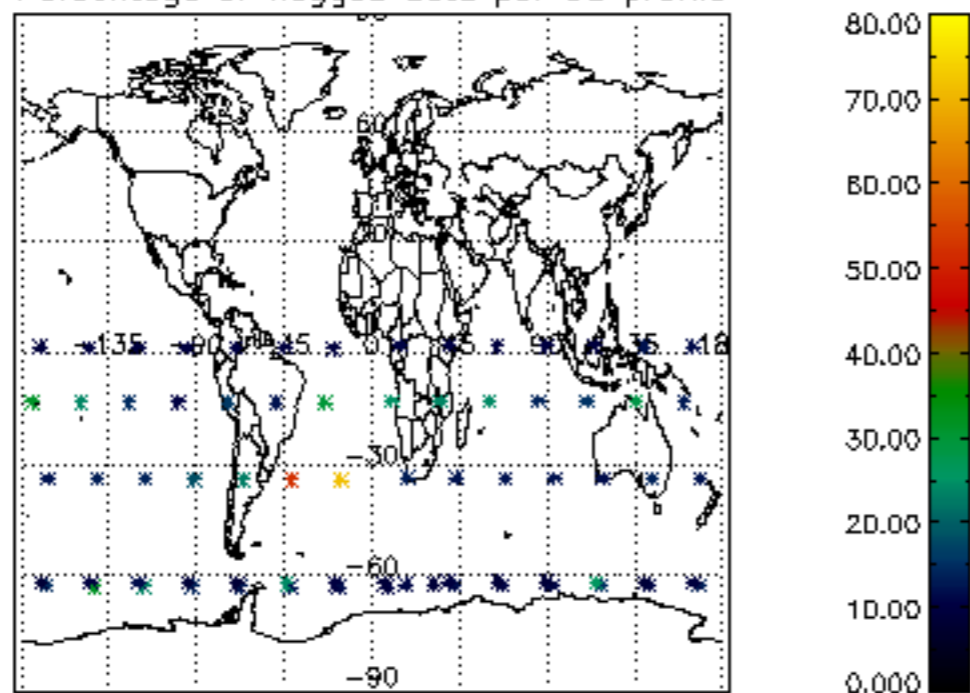




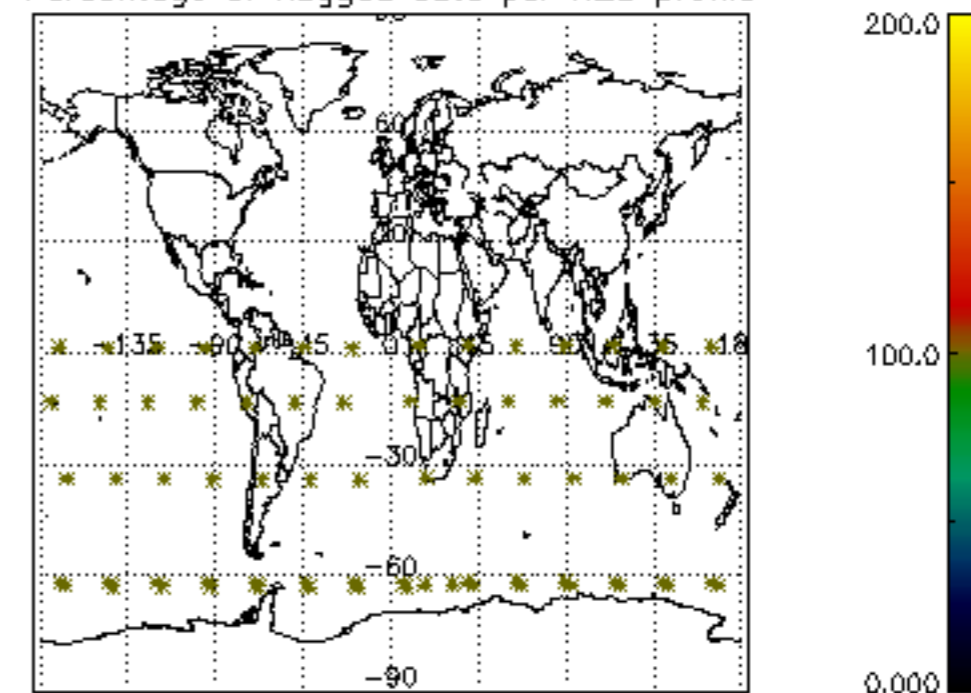




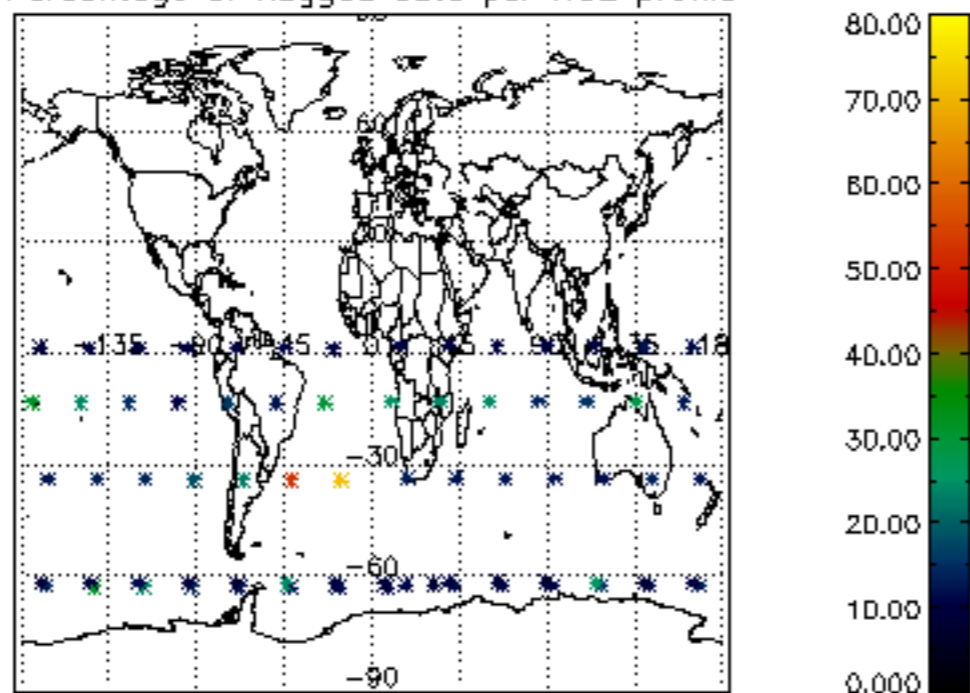
Percentage of flagged data per D3 profile



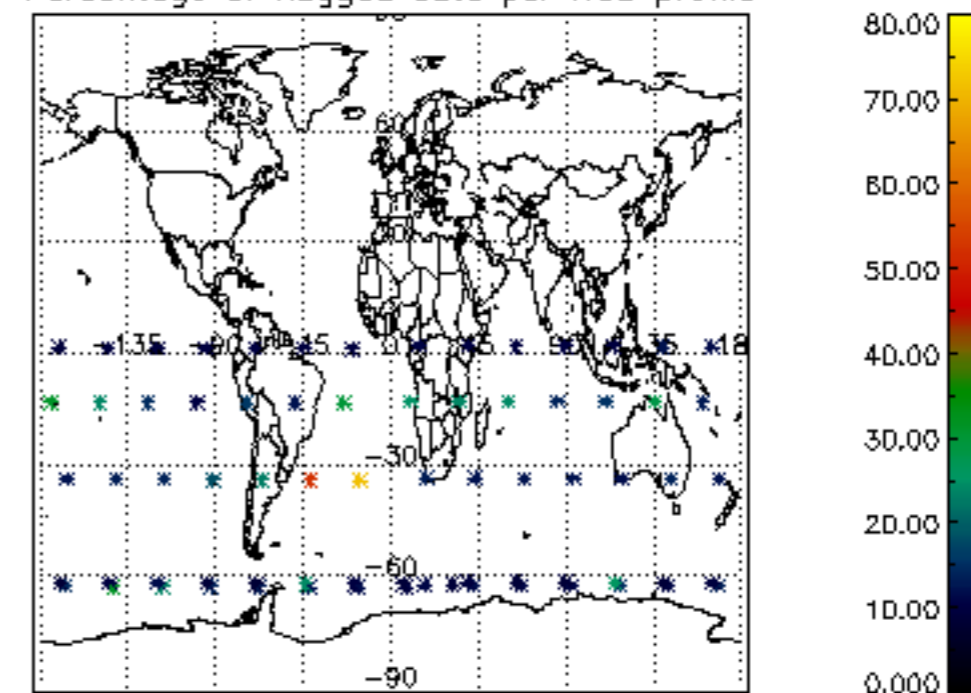
Percentage of flagged data per H2O profile

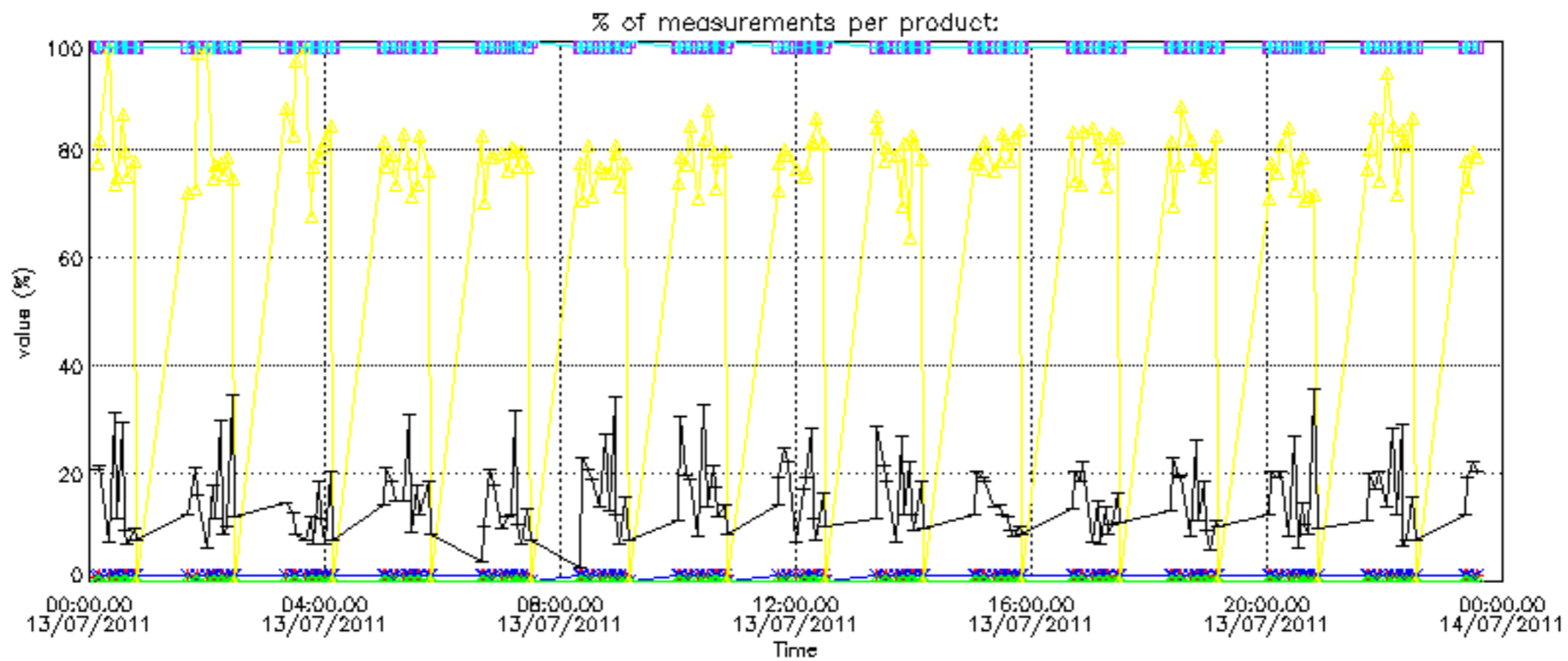


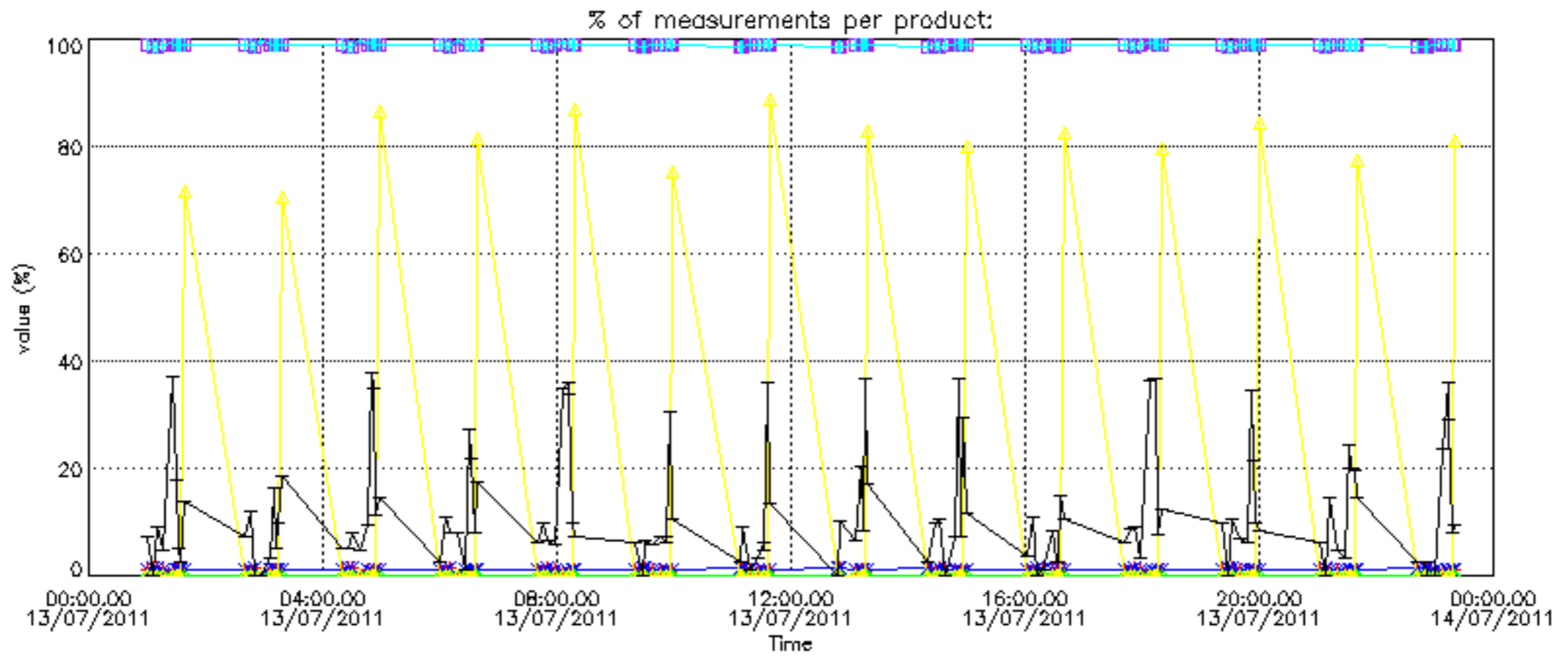
Percentage of flagged data per NO2 profile



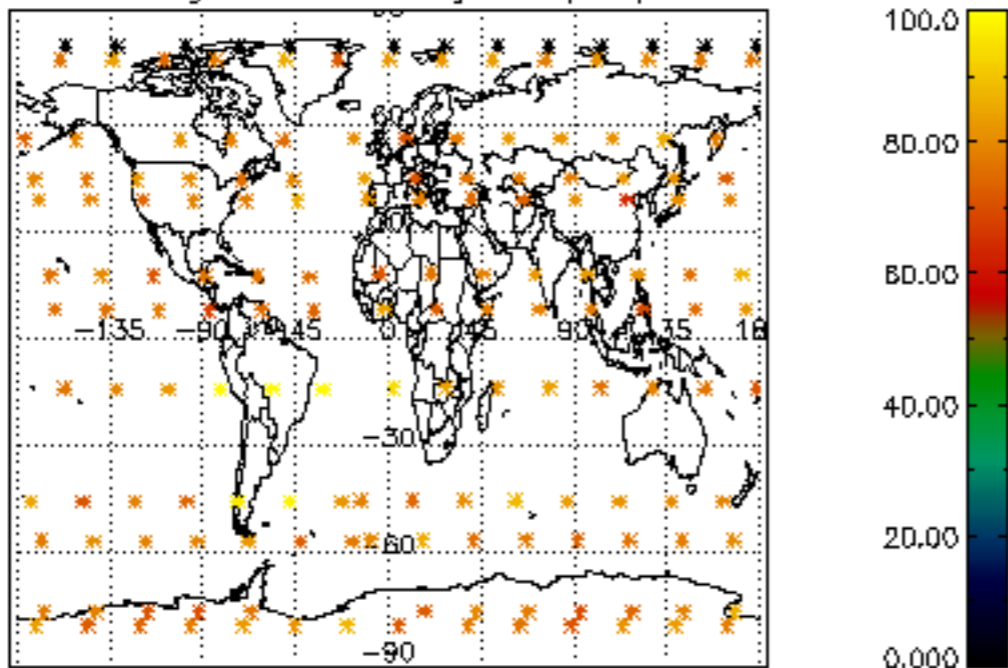
Percentage of flagged data per NO3 profile



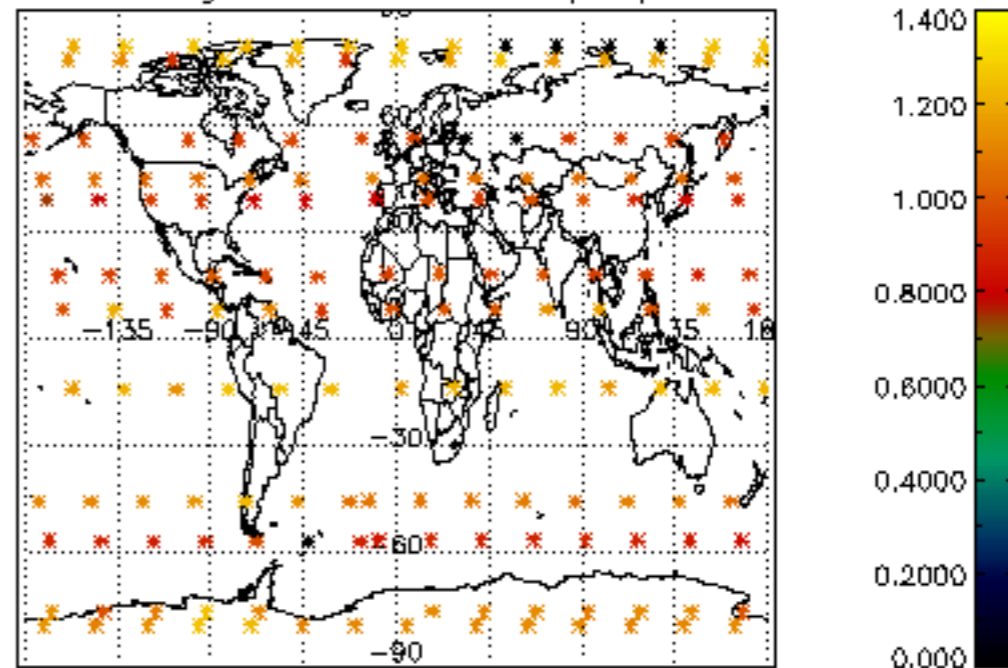




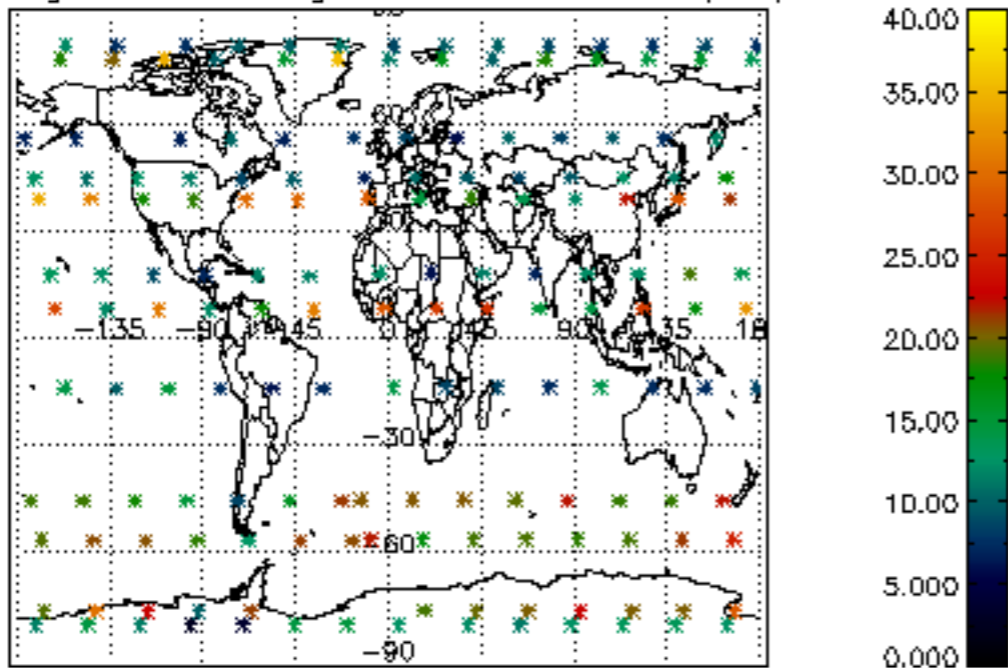
Percentage of cosmic ray hits per profile



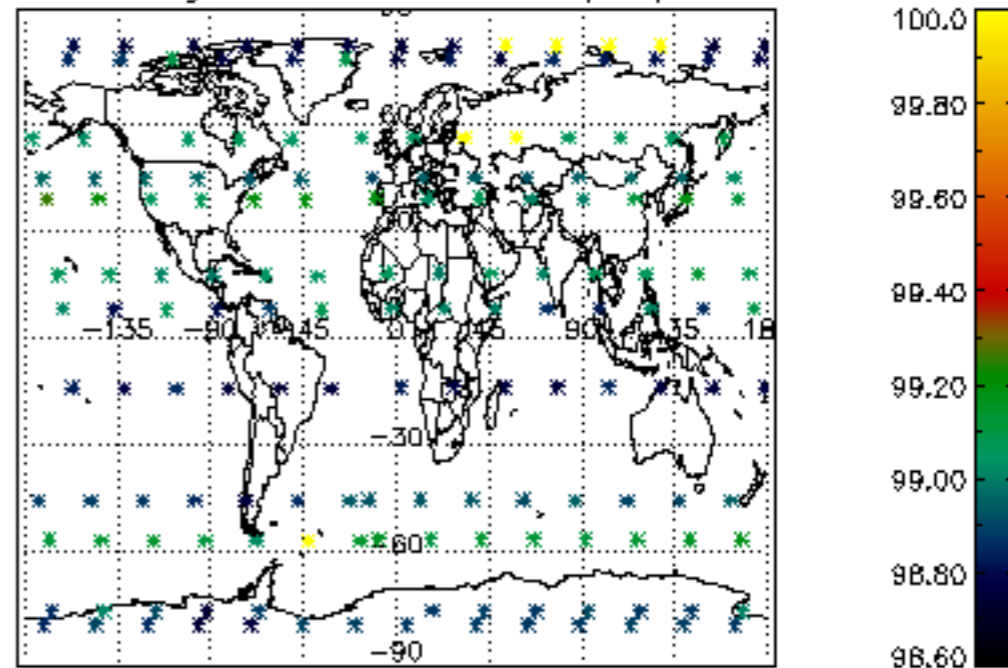
Percentage of datation errors per profile



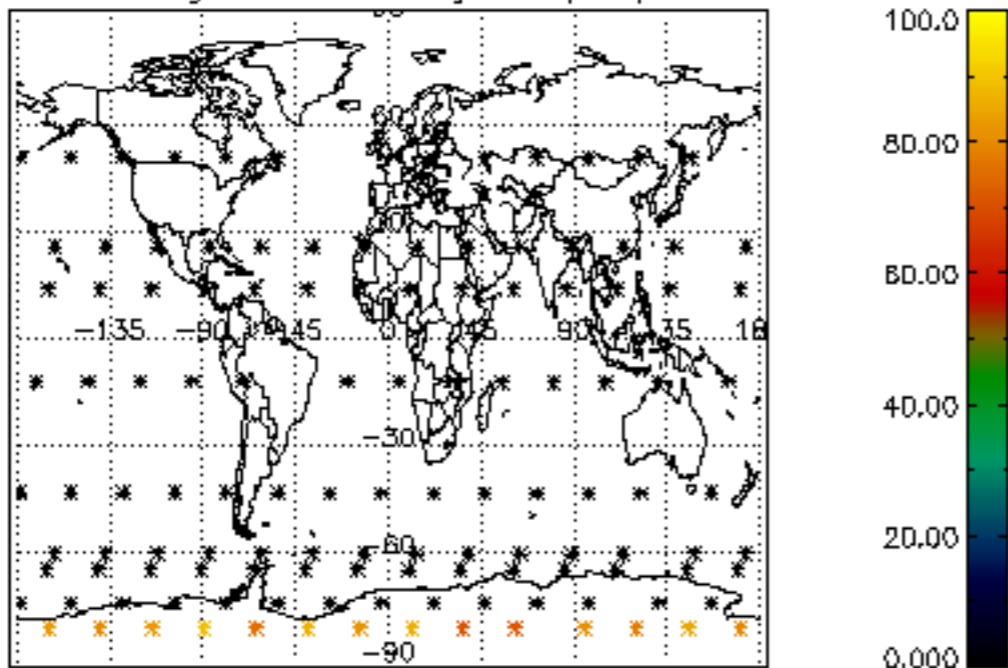
Percentage of star falling outside central band per profile



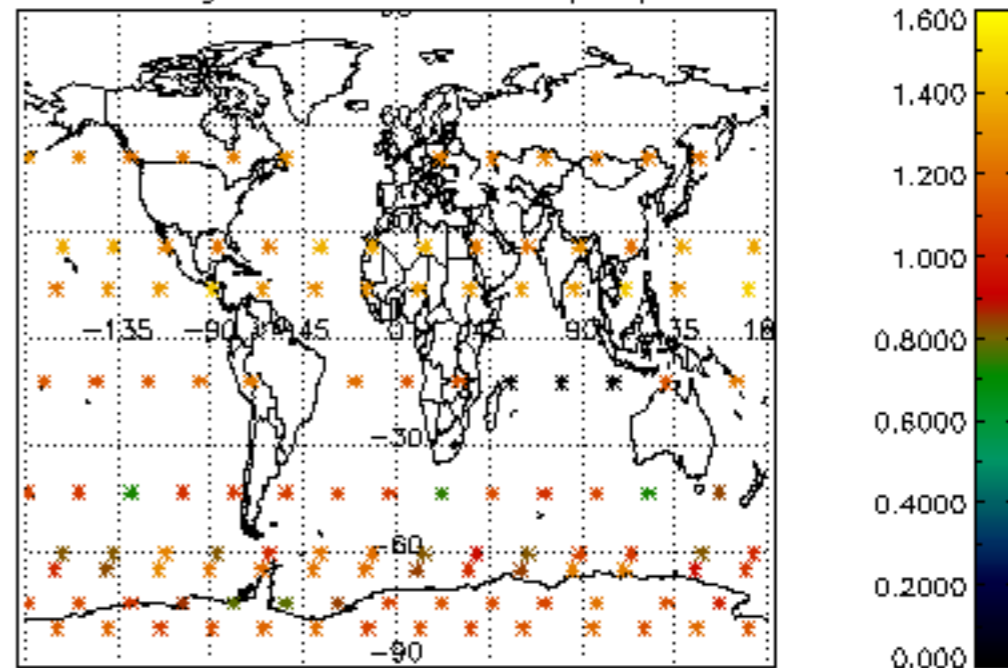
Percentage of saturation errors per profile



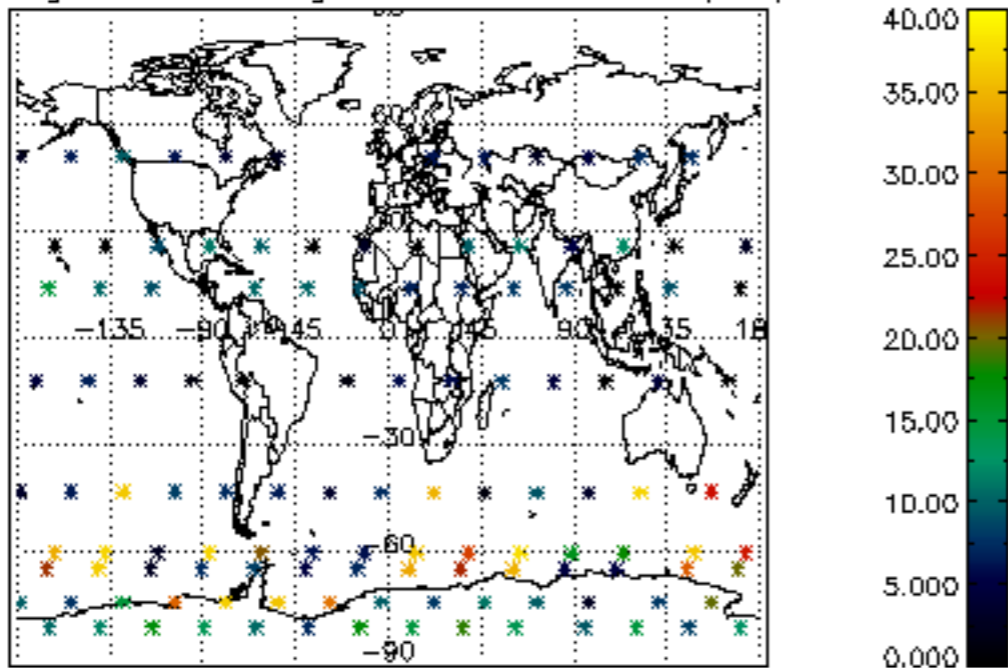
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

