

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 16:17:05
Data source version	GOMOS/6.01
Start time of products	29-07-2011 (29JUL2011 00:00:00)
Stop time of products	30-07-2011 (30JUL2011 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	266
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__2PRFIN20110729_000240_000000483105_00059_49211_2962.N1	29-JUL-2011 00:02:40	Bright	48.000	160	23Gam Per	2.9300	4700.0	96	49211	No
2	GOM_NL__2PRFIN20110729_000417_000000503105_00059_49211_2963.N1	29-JUL-2011 00:04:17	Bright	49.500	35	33Alp Per	1.7950	6250.0	99	49211	No
3	GOM_NL__2PRFIN20110729_000611_000000413105_00059_49211_2964.N1	29-JUL-2011 00:06:11	Bright	40.500	6	13Alp Aur	0.080000	3400.0	81	49211	No
4	GOM_NL__2PRFIN20110729_000806_000000433105_00059_49211_2965.N1	29-JUL-2011 00:08:06	Bright	43.000	149	45Eps Per	2.8880	30000.	86	49211	No
5	GOM_NL__2PRFIN20110729_001105_000000543105_00059_49211_2966.N1	29-JUL-2011 00:11:05	Twilight	53.500	150	44Zet Per	2.8900	28000.	107	49211	No
6	GOM_NL__2PRFIN20110729_001322_000000393105_00059_49211_2967.N1	29-JUL-2011 00:13:22	Twilight	38.500	176	23Zet Tau	3.0200	22000.	77	49211	No
7	GOM_NL__2PRFIN20110729_001546_000000543105_00059_49211_2968.N1	29-JUL-2011 00:15:46	Dark	54.000	13	87Alp Tau	0.86700	3800.0	108	49211	No
8	GOM_NL__2PRFIN20110729_001748_000000403105_00059_49211_2969.N1	29-JUL-2011 00:17:48	Dark	40.000	27	24Gam Ori	1.6360	26000.	80	49211	No
9	GOM_NL__2PRFIN20110729_002625_000000563105_00059_49211_2970.N1	29-JUL-2011 00:26:25	Dark	55.500	165	34Gam Eri	2.9500	3200.0	111	49211	No
10	GOM_NL__2PRFIN20110729_003547_000000463105_00059_49211_2971.N1	29-JUL-2011 00:35:47	Dark	45.500	157	The1Eri	2.9060	9300.0	91	49211	No
11	GOM_NL__2PRFIN20110729_004126_000000463105_00060_49212_2958.N1	29-JUL-2011 00:41:26	Dark	45.500	9	Alp Eri	0.45300	24000.	91	49212	No
12	GOM_NL__2PRFIN20110729_004557_000000553105_00060_49212_2959.N1	29-JUL-2011 00:45:57	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	49212	No
13	GOM_NL__2PRFIN20110729_005140_000000473105_00060_49212_2960.N1	29-JUL-2011 00:51:40	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	49212	No
14	GOM_NL__2PRFIN20110729_005449_000000463105_00060_49212_2961.N1	29-JUL-2011 00:54:49	Straylight	45.500	172	Gam Gru	3.0030	13100.	91	49212	No
15	GOM_NL__2PRFIN20110729_011055_000000413105_00060_49212_2962.N1	29-JUL-2011 01:10:55	Bright	41.000	11	53Alp Aql	0.76500	8000.0	82	49212	No
16	GOM_NL__2PRFIN20110729_011947_000000443105_00060_49212_2963.N1	29-JUL-2011 01:19:47	Bright	44.000	92	53Eps Cyg	2.5000	4500.0	88	49212	No
17	GOM_NL__2PRFIN20110729_012132_000000393105_00060_49212_2964.N1	29-JUL-2011 01:21:32	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	49212	No
18	GOM_NL__2PRFIN20110729_012251_000000443105_00060_49212_2965.N1	29-JUL-2011 01:22:51	Bright	43.500	19	50Alp Cyg	1.2460	10500.	87	49212	No
19	GOM_NL__2PRFIN20110729_012813_000000393105_00060_49212_2966.N1	29-JUL-2011 01:28:13	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	49212	No
20	GOM_NL__2PRFIN20110729_014254_000000463105_00060_49212_2967.N1	29-JUL-2011 01:42:54	Bright	46.000	160	23Gam Per	2.9300	4700.0	92	49212	No
21	GOM_NL__2PRFIN20110729_014430_000000483105_00060_49212_2968.N1	29-JUL-2011 01:44:30	Bright	48.000	35	33Alp Per	1.7950	6250.0	96	49212	No
22	GOM_NL__2PRFIN20110729_014625_000000423105_00060_49212_2969.N1	29-JUL-2011 01:46:25	Bright	42.000	6	13Alp Aur	0.080000	3400.0	84	49212	No
23	GOM_NL__2PRFIN20110729_014820_000000453105_00060_49212_2970.N1	29-JUL-2011 01:48:20	Bright	45.000	149	45Eps Per	2.8880	30000.	90	49212	No
24	GOM_NL__2PRFIN20110729_015119_000000543105_00060_49212_2971.N1	29-JUL-2011 01:51:19	Twilight	54.000	150	44Zet Per	2.8900	28000.	108	49212	No
25	GOM_NL__2PRFIN20110729_015336_000000393105_00060_49212_2972.N1	29-JUL-2011 01:53:36	Twilight	38.500	176	23Zet Tau	3.0200	22000.	77	49212	No
26	GOM_NL__2PRFIN20110729_015600_000000543105_00060_49212_2973.N1	29-JUL-2011 01:56:00	Dark	53.500	13	87Alp Tau	0.86700	3800.0	107	49212	No
27	GOM_NL__2PRFIN20110729_015803_000000393105_00060_49212_2974.N1	29-JUL-2011 01:58:03	Dark	39.000	27	24Gam Ori	1.6360	26000.	78	49212	No
28	GOM_NL__2PRFIN20110729_020640_000000523105_00060_49212_2975.N1	29-JUL-2011 02:06:40	Dark	52.000	165	34Gam Eri	2.9500	3200.0	104	49212	No
29	GOM_NL__2PRFIN20110729_021602_000000473105_00060_49212_2976.N1	29-JUL-2011 02:16:02	Dark	46.500	157	The1Eri	2.9060	9300.0	93	49212	No
30	GOM_NL__2PRFIN20110729_022140_000000533105_00061_49213_2990.N1	29-JUL-2011 02:21:40	Dark	53.000	9	Alp Eri	0.45300	24000.	106	49213	No
31	GOM_NL__2PRFIN20110729_022612_000000553105_00061_49213_2991.N1	29-JUL-2011 02:26:12	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	49213	No
32	GOM_NL__2PRFIN20110729_023155_000000473105_00061_49213_2992.N1	29-JUL-2011 02:31:55	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	49213	No
33	GOM_NL__2PRFIN20110729_023504_000000483105_00061_49213_2993.N1	29-JUL-2011 02:35:04	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	49213	No
34	GOM_NL__2PRFIN20110729_025109_000000403105_00061_49213_2994.N1	29-JUL-2011 02:51:09	Bright	40.000	11	53Alp Aql	0.76500	8000.0	80	49213	No
35	GOM_NL__2PRFIN20110729_030000_000000473105_00061_49213_2995.N1	29-JUL-2011 03:00:00	Bright	47.000	92	53Eps Cyg	2.5000	4500.0	94	49213	No
36	GOM_NL__2PRFIN20110729_030146_000000393105_00061_49213_2996.N1	29-JUL-2011 03:01:46	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	49213	No
37	GOM_NL__2PRFIN20110729_030305_000000443105_00061_49213_2997.N1	29-JUL-2011 03:03:05	Bright	43.500	19	50Alp Cyg	1.2460	10500.	87	49213	No
38	GOM_NL__2PRFIN20110729_030827_000000413105_00061_49213_2998.N1	29-JUL-2011 03:08:27	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	49213	No
39	GOM_NL__2PRFIN20110729_032307_000000483105_00061_49213_2999.N1	29-JUL-2011 03:23:07	Bright	48.000	160	23Gam Per	2.9300	4700.0	96	49213	No
40	GOM_NL__2PRFIN20110729_032444_000000503105_00061_49213_3000.N1	29-JUL-2011 03:24:44	Bright	49.500	35	33Alp Per	1.7950	6250.0	99	49213	No
41	GOM_NL__2PRFIN20110729_032639_000000423105_00061_49213_3001.N1	29-JUL-2011 03:26:39	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	49213	No
42	GOM_NL__2PRFIN20110729_032834_000000503105_00061_49213_3002.N1	29-JUL-2011 03:28:34	Bright	50.000	149	45Eps Per	2.8880	30000.	100	49213	No

43	GOM_NL__2PRFIN20110729_033133_00000533105_00061_49213_3003.N1	29-JUL-2011 03:31:33	Twilight	52.500	150	44Zet Per	2.8900	28000.	105	49213	No
44	GOM_NL__2PRFIN20110729_033351_00000413105_00061_49213_3004.N1	29-JUL-2011 03:33:51	Twilight	41.000	176	23Zet Tau	3.0200	22000.	82	49213	No
45	GOM_NL__2PRFIN20110729_033615_00000543105_00061_49213_3005.N1	29-JUL-2011 03:36:15	Dark	53.500	13	87Alp Tau	0.86700	3800.0	107	49213	No
46	GOM_NL__2PRFIN20110729_033817_00000433105_00061_49213_3006.N1	29-JUL-2011 03:38:17	Dark	43.000	27	24Gam Ori	1.6360	26000.	86	49213	No
47	GOM_NL__2PRFIN20110729_034654_00000553105_00061_49213_3007.N1	29-JUL-2011 03:46:54	Dark	54.500	165	34Gam Eri	2.9500	3200.0	109	49213	No
48	GOM_NL__2PRFIN20110729_035617_00000463105_00061_49213_3008.N1	29-JUL-2011 03:56:17	Dark	45.500	157	The1Eri	2.9060	9300.0	91	49213	No
49	GOM_NL__2PRFIN20110729_040155_00000443105_00062_49214_3001.N1	29-JUL-2011 04:01:55	Dark	43.500	9	Alp Eri	0.45300	24000.	87	49214	No
50	GOM_NL__2PRFIN20110729_040628_00000563105_00062_49214_3002.N1	29-JUL-2011 04:06:28	Straylight	56.000	84	Alp Phe	2.3970	4500.0	112	49214	No
51	GOM_NL__2PRFIN20110729_041210_00000453105_00062_49214_3003.N1	29-JUL-2011 04:12:10	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	49214	No
52	GOM_NL__2PRFIN20110729_041518_00000463105_00062_49214_3004.N1	29-JUL-2011 04:15:18	Straylight	46.000	172	Gam Gru	3.0030	13100.	92	49214	No
53	GOM_NL__2PRFIN20110729_043123_00000413105_00062_49214_3005.N1	29-JUL-2011 04:31:23	Bright	41.000	11	53Alp Aql	0.76500	8000.0	82	49214	No
54	GOM_NL__2PRFIN20110729_044014_00000463105_00062_49214_3006.N1	29-JUL-2011 04:40:14	Bright	46.000	92	53Eps Cyg	2.5000	4500.0	92	49214	No
55	GOM_NL__2PRFIN20110729_044840_00000413105_00062_49214_3007.N1	29-JUL-2011 04:48:40	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	49214	No
56	GOM_NL__2PRFIN20110729_050321_00000683105_00062_49214_3008.N1	29-JUL-2011 05:03:21	Bright	68.000	160	23Gam Per	2.9300	4700.0	136	49214	No
57	GOM_NL__2PRFIN20110729_050458_00000493105_00062_49214_3009.N1	29-JUL-2011 05:04:58	Bright	49.000	35	33Alp Per	1.7950	6250.0	98	49214	No
58	GOM_NL__2PRFIN20110729_050653_00000403105_00062_49214_3010.N1	29-JUL-2011 05:06:53	Bright	40.000	6	13Alp Aur	0.080000	3400.0	80	49214	No
59	GOM_NL__2PRFIN20110729_050848_00000503105_00062_49214_3011.N1	29-JUL-2011 05:08:48	Bright	50.000	149	45Eps Per	2.8880	30000.	100	49214	No
60	GOM_NL__2PRFIN20110729_051147_00000523105_00062_49214_3012.N1	29-JUL-2011 05:11:47	Twilight	52.000	150	44Zet Per	2.8900	28000.	104	49214	No
61	GOM_NL__2PRFIN20110729_051405_00000383105_00062_49214_3013.N1	29-JUL-2011 05:14:05	Twilight	38.000	176	23Zet Tau	3.0200	22000.	76	49214	No
62	GOM_NL__2PRFIN20110729_051629_00000473105_00062_49214_3014.N1	29-JUL-2011 05:16:29	Dark	46.500	13	87Alp Tau	0.86700	3800.0	93	49214	No
63	GOM_NL__2PRFIN20110729_051831_00000403105_00062_49214_3015.N1	29-JUL-2011 05:18:31	Dark	39.500	27	24Gam Ori	1.6360	26000.	79	49214	No
64	GOM_NL__2PRFIN20110729_052709_00000543105_00062_49214_3016.N1	29-JUL-2011 05:27:09	Dark	53.500	165	34Gam Eri	2.9500	3200.0	107	49214	No
65	GOM_NL__2PRFIN20110729_053632_00000463105_00062_49214_3017.N1	29-JUL-2011 05:36:32	Dark	46.000	157	The1Eri	2.9060	9300.0	92	49214	No
66	GOM_NL__2PRFIN20110729_054210_00000443105_00063_49215_3016.N1	29-JUL-2011 05:42:10	Dark	43.500	9	Alp Eri	0.45300	24000.	87	49215	No
67	GOM_NL__2PRFIN20110729_054643_00000553105_00063_49215_3017.N1	29-JUL-2011 05:46:43	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	49215	No
68	GOM_NL__2PRFIN20110729_055224_00000443105_00063_49215_3018.N1	29-JUL-2011 05:52:24	Straylight	44.000	31	Alp Gru	1.7340	15200.	88	49215	No
69	GOM_NL__2PRFIN20110729_055533_00000453105_00063_49215_3019.N1	29-JUL-2011 05:55:33	Straylight	45.000	172	Gam Gru	3.0030	13100.	90	49215	No
70	GOM_NL__2PRFIN20110729_061137_00000403105_00063_49215_3020.N1	29-JUL-2011 06:11:37	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	49215	No
71	GOM_NL__2PRFIN20110729_062027_00000463105_00063_49215_3021.N1	29-JUL-2011 06:20:27	Bright	45.500	92	53Eps Cyg	2.5000	4500.0	91	49215	No
72	GOM_NL__2PRFIN20110729_062854_00000403105_00063_49215_3022.N1	29-JUL-2011 06:28:54	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	49215	No
73	GOM_NL__2PRFIN20110729_064335_00000483105_00063_49215_3023.N1	29-JUL-2011 06:43:35	Bright	47.500	160	23Gam Per	2.9300	4700.0	95	49215	No
74	GOM_NL__2PRFIN20110729_064512_00000473105_00063_49215_3024.N1	29-JUL-2011 06:45:12	Bright	47.000	35	33Alp Per	1.7950	6250.0	94	49215	No
75	GOM_NL__2PRFIN20110729_064707_00000433105_00063_49215_3025.N1	29-JUL-2011 06:47:07	Bright	42.500	6	13Alp Aur	0.080000	3400.0	85	49215	No
76	GOM_NL__2PRFIN20110729_064902_00000433105_00063_49215_3026.N1	29-JUL-2011 06:49:02	Bright	42.500	149	45Eps Per	2.8880	30000.	85	49215	No
77	GOM_NL__2PRFIN20110729_065202_00000543105_00063_49215_3027.N1	29-JUL-2011 06:52:02	Twilight	53.500	150	44Zet Per	2.8900	28000.	107	49215	No
78	GOM_NL__2PRFIN20110729_065419_00000393105_00063_49215_3028.N1	29-JUL-2011 06:54:19	Twilight	39.000	176	23Zet Tau	3.0200	22000.	78	49215	No
79	GOM_NL__2PRFIN20110729_065644_00000473105_00063_49215_3029.N1	29-JUL-2011 06:56:44	Dark	47.000	13	87Alp Tau	0.86700	3800.0	94	49215	No
80	GOM_NL__2PRFIN20110729_065846_00000393105_00063_49215_3030.N1	29-JUL-2011 06:58:46	Dark	38.500	27	24Gam Ori	1.6360	26000.	77	49215	No
81	GOM_NL__2PRFIN20110729_070724_00000533105_00063_49215_3031.N1	29-JUL-2011 07:07:24	Dark	53.000	165	34Gam Eri	2.9500	3200.0	106	49215	No
82	GOM_NL__2PRFIN20110729_071647_00000443105_00063_49215_3032.N1	29-JUL-2011 07:16:47	Dark	44.000	157	The1Eri	2.9060	9300.0	88	49215	No
83	GOM_NL__2PRFIN20110729_072224_00000553105_00064_49216_3035.N1	29-JUL-2011 07:22:24	Dark	54.500	9	Alp Eri	0.45300	24000.	109	49216	No
84	GOM_NL__2PRFIN20110729_072658_00000553105_00064_49216_3036.N1	29-JUL-2011 07:26:58	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	49216	No
85	GOM_NL__2PRFIN20110729_073239_00000483105_00064_49216_3037.N1	29-JUL-2011 07:32:39	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	49216	No
86	GOM_NL__2PRFIN20110729_073548_00000483105_00064_49216_3038.N1	29-JUL-2011 07:35:48	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	49216	No
87	GOM_NL__2PRFIN20110729_075151_00000403105_00064_49216_3039.N1	29-JUL-2011 07:51:51	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	49216	No
88	GOM_NL__2PRFIN20110729_080041_00000433105_00064_49216_3040.N1	29-JUL-2011 08:00:41	Bright	43.000	92	53Eps Cyg	2.5000	4500.0	86	49216	No
89	GOM_NL__2PRFIN20110729_080228_00000383105_00064_49216_3041.N1	29-JUL-2011 08:02:28	Bright	38.000	144	18Del Cyg	2.8600	11000.	76	49216	No
90	GOM_NL__2PRFIN20110729_080907_00000413105_00064_49216_3042.N1	29-JUL-2011 08:09:07	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	49216	No
91	GOM_NL__2PRFIN20110729_082349_00000463105_00064_49216_3043.N1	29-JUL-2011 08:23:49	Bright	46.000	160	23Gam Per	2.9300	4700.0	92	49216	No
92	GOM_NL__2PRFIN20110729_082525_00000573105_00064_49216_3044.N1	29-JUL-2011 08:25:25	Bright	56.500	35	33Alp Per	1.7950	6250.0	113	49216	No
93	GOM_NL__2PRFIN20110729_082721_00000433105_00064_49216_3045.N1	29-JUL-2011 08:27:21	Bright	42.500	6	13Alp Aur	0.080000	3400.0	85	49216	No
94	GOM_NL__2PRFIN20110729_082916_00000453105_00064_49216_3046.N1	29-JUL-2011 08:29:16	Bright	44.500	149	45Eps Per	2.8880	30000.	89	49216	No
95	GOM_NL__2PRFIN20110729_083216_00000533105_00064_49216_3047.N1	29-JUL-2011 08:32:16	Twilight	52.500	150	44Zet Per	2.8900	28000.	105	49216	No
96	GOM_NL__2PRFIN20110729_083433_00000403105_00064_49216_3048.N1	29-JUL-2011 08:34:33	Twilight	39.500	176	23Zet Tau	3.0200	22000.	79	49216	No
97	GOM_NL__2PRFIN20110729_083658_00000443105_00064_49216_3049.N1	29-JUL-2011 08:36:58	Dark	44.000	13	87Alp Tau	0.86700	3800.0	88	49216	No
98	GOM_NL__2PRFIN20110729_083900_00000373105_00064_49216_3050.N1	29-JUL-2011 08:39:00	Dark	37.000	27	24Gam Ori	1.6360	26000.	74	49216	No
99	GOM_NL__2PRFIN20110729_084739_00000543105_00064_49216_3051.N1	29-JUL-2011 08:47:39	Dark	54.000	165	34Gam Eri	2.9500	3200.0	108	49216	No
100	GOM_NL__2PRFIN20110729_085702_00000443105_00064_49216_3052.N1	29-JUL-2011 08:57:02	Dark	44.000	157	The1Eri	2.9060	9300.0	88	49216	No
101	GOM_NL__2PRFIN20110729_090239_00000443105_00065_49217_3065.N1	29-JUL-2011 09:02:39	Dark	43.500	9	Alp Eri	0.45300	24000.	87	49217	No

102	GOM_NL__2PRFIN20110729_090713_000000553105_00065_49217_3066.N1	29-JUL-2011 09:07:13	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	49217	No
103	GOM_NL__2PRFIN20110729_091253_000000483105_00065_49217_3067.N1	29-JUL-2011 09:12:53	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	49217	No
104	GOM_NL__2PRFIN20110729_091602_000000473105_00065_49217_3068.N1	29-JUL-2011 09:16:02	Straylight	46.500	172	Gam Gru	3.0030	13100.	93	49217	No
105	GOM_NL__2PRFIN20110729_093205_000000393105_00065_49217_3069.N1	29-JUL-2011 09:32:05	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	49217	No
106	GOM_NL__2PRFIN20110729_094054_000000473105_00065_49217_3070.N1	29-JUL-2011 09:40:54	Bright	46.500	92	53Eps Cyg	2.5000	4500.0	93	49217	No
107	GOM_NL__2PRFIN20110729_094241_000000383105_00065_49217_3071.N1	29-JUL-2011 09:42:41	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	49217	No
108	GOM_NL__2PRFIN20110729_094921_000000403105_00065_49217_3072.N1	29-JUL-2011 09:49:21	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	49217	No
109	GOM_NL__2PRFIN20110729_100402_000000603105_00065_49217_3073.N1	29-JUL-2011 10:04:02	Bright	59.500	160	23Gam Per	2.9300	4700.0	119	49217	No
110	GOM_NL__2PRFIN20110729_100539_000000493105_00065_49217_3074.N1	29-JUL-2011 10:05:39	Bright	49.000	35	33Alp Per	1.7950	6250.0	98	49217	No
111	GOM_NL__2PRFIN20110729_100735_000000403105_00065_49217_3075.N1	29-JUL-2011 10:07:35	Bright	40.000	6	13Alp Aur	0.080000	3400.0	80	49217	No
112	GOM_NL__2PRFIN20110729_100930_000000463105_00065_49217_3076.N1	29-JUL-2011 10:09:30	Bright	46.000	149	45Eps Per	2.8880	30000.	92	49217	No
113	GOM_NL__2PRFIN20110729_101230_000000553105_00065_49217_3077.N1	29-JUL-2011 10:12:30	Tw_i_and_stray	55.000	150	44Zet Per	2.8900	28000.	110	49217	No
114	GOM_NL__2PRFIN20110729_101447_000000373105_00065_49217_3078.N1	29-JUL-2011 10:14:47	Tw_i_and_stray	37.000	176	23Zet Tau	3.0200	22000.	74	49217	No
115	GOM_NL__2PRFIN20110729_101712_000000613105_00065_49217_3079.N1	29-JUL-2011 10:17:12	Dark	60.500	13	87Alp Tau	0.86700	3800.0	121	49217	No
116	GOM_NL__2PRFIN20110729_101914_000000373105_00065_49217_3080.N1	29-JUL-2011 10:19:14	Dark	37.000	27	24Gam Ori	1.6360	26000.	74	49217	No
117	GOM_NL__2PRFIN20110729_102754_000000533105_00065_49217_3081.N1	29-JUL-2011 10:27:54	Dark	53.000	165	34Gam Eri	2.9500	3200.0	106	49217	No
118	GOM_NL__2PRFIN20110729_103717_000000453105_00065_49217_3082.N1	29-JUL-2011 10:37:17	Dark	45.000	157	The1Eri	2.9060	9300.0	90	49217	No
119	GOM_NL__2PRFIN20110729_104254_000000483105_00066_49218_3101.N1	29-JUL-2011 10:42:54	Dark	48.000	9	Alp Eri	0.45300	24000.	96	49218	No
120	GOM_NL__2PRFIN20110729_104728_000000563105_00066_49218_3102.N1	29-JUL-2011 10:47:28	Straylight	56.000	84	Alp Phe	2.3970	4500.0	112	49218	No
121	GOM_NL__2PRFIN20110729_105308_000000463105_00066_49218_3103.N1	29-JUL-2011 10:53:08	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	49218	No
122	GOM_NL__2PRFIN20110729_105616_000000473105_00066_49218_3104.N1	29-JUL-2011 10:56:16	Straylight	46.500	172	Gam Gru	3.0030	13100.	93	49218	No
123	GOM_NL__2PRFIN20110729_111219_000000393105_00066_49218_3105.N1	29-JUL-2011 11:12:19	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	49218	No
124	GOM_NL__2PRFIN20110729_112107_000000463105_00066_49218_3106.N1	29-JUL-2011 11:21:07	Bright	46.000	92	53Eps Cyg	2.5000	4500.0	92	49218	No
125	GOM_NL__2PRFIN20110729_112255_000000383105_00066_49218_3107.N1	29-JUL-2011 11:22:55	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	49218	No
126	GOM_NL__2PRFIN20110729_112934_000000413105_00066_49218_3108.N1	29-JUL-2011 11:29:34	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	49218	No
127	GOM_NL__2PRFIN20110729_114416_000000683105_00066_49218_3109.N1	29-JUL-2011 11:44:16	Bright	68.000	160	23Gam Per	2.9300	4700.0	136	49218	No
128	GOM_NL__2PRFIN20110729_114553_000000463105_00066_49218_3110.N1	29-JUL-2011 11:45:53	Bright	46.000	35	33Alp Per	1.7950	6250.0	92	49218	No
129	GOM_NL__2PRFIN20110729_114749_000000443105_00066_49218_3111.N1	29-JUL-2011 11:47:49	Bright	43.500	6	13Alp Aur	0.080000	3400.0	87	49218	No
130	GOM_NL__2PRFIN20110729_114943_000000453105_00066_49218_3112.N1	29-JUL-2011 11:49:43	Bright	44.500	149	45Eps Per	2.8880	30000.	89	49218	No
131	GOM_NL__2PRFIN20110729_115244_000000513105_00066_49218_3113.N1	29-JUL-2011 11:52:44	Tw_i_and_stray	51.000	150	44Zet Per	2.8900	28000.	102	49218	No
132	GOM_NL__2PRFIN20110729_115502_000000373105_00066_49218_3114.N1	29-JUL-2011 11:55:02	Tw_i_and_stray	36.500	176	23Zet Tau	3.0200	22000.	73	49218	No
133	GOM_NL__2PRFIN20110729_115726_000000543105_00066_49218_3115.N1	29-JUL-2011 11:57:26	Dark	54.000	13	87Alp Tau	0.86700	3800.0	108	49218	No
134	GOM_NL__2PRFIN20110729_115928_000000443105_00066_49218_3116.N1	29-JUL-2011 11:59:28	Dark	43.500	27	24Gam Ori	1.6360	26000.	87	49218	No
135	GOM_NL__2PRFIN20110729_120809_000000493105_00066_49218_3117.N1	29-JUL-2011 12:08:09	Dark	49.000	165	34Gam Eri	2.9500	3200.0	98	49218	No
136	GOM_NL__2PRFIN20110729_121732_000000453105_00066_49218_3118.N1	29-JUL-2011 12:17:32	Dark	45.000	157	The1Eri	2.9060	9300.0	90	49218	No
137	GOM_NL__2PRFIN20110729_122308_000000463105_00067_49219_3136.N1	29-JUL-2011 12:23:08	Dark	46.000	9	Alp Eri	0.45300	24000.	92	49219	No
138	GOM_NL__2PRFIN20110729_122743_000000563105_00067_49219_3137.N1	29-JUL-2011 12:27:43	Straylight	56.000	84	Alp Phe	2.3970	4500.0	112	49219	No
139	GOM_NL__2PRFIN20110729_123322_000000453105_00067_49219_3138.N1	29-JUL-2011 12:33:22	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	49219	No
140	GOM_NL__2PRFIN20110729_123631_000000463105_00067_49219_3139.N1	29-JUL-2011 12:36:31	Straylight	45.500	172	Gam Gru	3.0030	13100.	91	49219	No
141	GOM_NL__2PRFIN20110729_125232_000000383105_00067_49219_3140.N1	29-JUL-2011 12:52:32	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	49219	No
142	GOM_NL__2PRFIN20110729_130121_000000463105_00067_49219_3141.N1	29-JUL-2011 13:01:21	Bright	45.500	92	53Eps Cyg	2.5000	4500.0	91	49219	No
143	GOM_NL__2PRFIN20110729_130309_000000373105_00067_49219_3142.N1	29-JUL-2011 13:03:09	Bright	36.500	144	18Del Cyg	2.8600	11000.	73	49219	No
144	GOM_NL__2PRFIN20110729_130948_000000403105_00067_49219_3143.N1	29-JUL-2011 13:09:48	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	49219	No
145	GOM_NL__2PRFIN20110729_132429_000000463105_00067_49219_3144.N1	29-JUL-2011 13:24:29	Bright	45.500	160	23Gam Per	2.9300	4700.0	91	49219	No
146	GOM_NL__2PRFIN20110729_132606_000000493105_00067_49219_3145.N1	29-JUL-2011 13:26:06	Bright	48.500	35	33Alp Per	1.7950	6250.0	97	49219	No
147	GOM_NL__2PRFIN20110729_132803_000000423105_00067_49219_3146.N1	29-JUL-2011 13:28:03	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	49219	No
148	GOM_NL__2PRFIN20110729_132957_000000663105_00067_49219_3147.N1	29-JUL-2011 13:29:57	Bright	66.000	149	45Eps Per	2.8880	30000.	132	49219	No
149	GOM_NL__2PRFIN20110729_133258_000000513105_00067_49219_3148.N1	29-JUL-2011 13:32:58	Tw_i_and_stray	51.000	150	44Zet Per	2.8900	28000.	102	49219	No
150	GOM_NL__2PRFIN20110729_133516_000000423105_00067_49219_3149.N1	29-JUL-2011 13:35:16	Tw_i_and_stray	41.500	176	23Zet Tau	3.0200	22000.	83	49219	No
151	GOM_NL__2PRFIN20110729_133741_000000533105_00067_49219_3150.N1	29-JUL-2011 13:37:41	Dark	52.500	13	87Alp Tau	0.86700	3800.0	105	49219	No
152	GOM_NL__2PRFIN20110729_133943_000000443105_00067_49219_3151.N1	29-JUL-2011 13:39:43	Dark	44.000	27	24Gam Ori	1.6360	26000.	88	49219	No
153	GOM_NL__2PRFIN20110729_134824_000000543105_00067_49219_3152.N1	29-JUL-2011 13:48:24	Dark	53.500	165	34Gam Eri	2.9500	3200.0	107	49219	No
154	GOM_NL__2PRFIN20110729_135747_000000453105_00067_49219_3153.N1	29-JUL-2011 13:57:47	Dark	44.500	157	The1Eri	2.9060	9300.0	89	49219	No
155	GOM_NL__2PRFIN20110729_140323_000000443105_00068_49220_3335.N1	29-JUL-2011 14:03:23	Dark	44.000	9	Alp Eri	0.45300	24000.	88	49220	No
156	GOM_NL__2PRFIN20110729_140758_000000553105_00068_49220_3336.N1	29-JUL-2011 14:07:58	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	49220	No
157	GOM_NL__2PRFIN20110729_141337_000000473105_00068_49220_3337.N1	29-JUL-2011 14:13:37	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	49220	No
158	GOM_NL__2PRFIN20110729_141645_000000453105_00068_49220_3338.N1	29-JUL-2011 14:16:45	Straylight	45.000	172	Gam Gru	3.0030	13100.	90	49220	No
159	GOM_NL__2PRFIN20110729_143246_000000403105_00068_49220_3339.N1	29-JUL-2011 14:32:46	Bright	40.000	11	53Alp Aql	0.76500	8000.0	80	49220	No
160	GOM_NL__2PRFIN20110729_144134_000000433105_00068_49220_3340.N1	29-JUL-2011 14:41:34	Bright	43.000	92	53Eps Cyg	2.5000	4500.0	86	49220	No

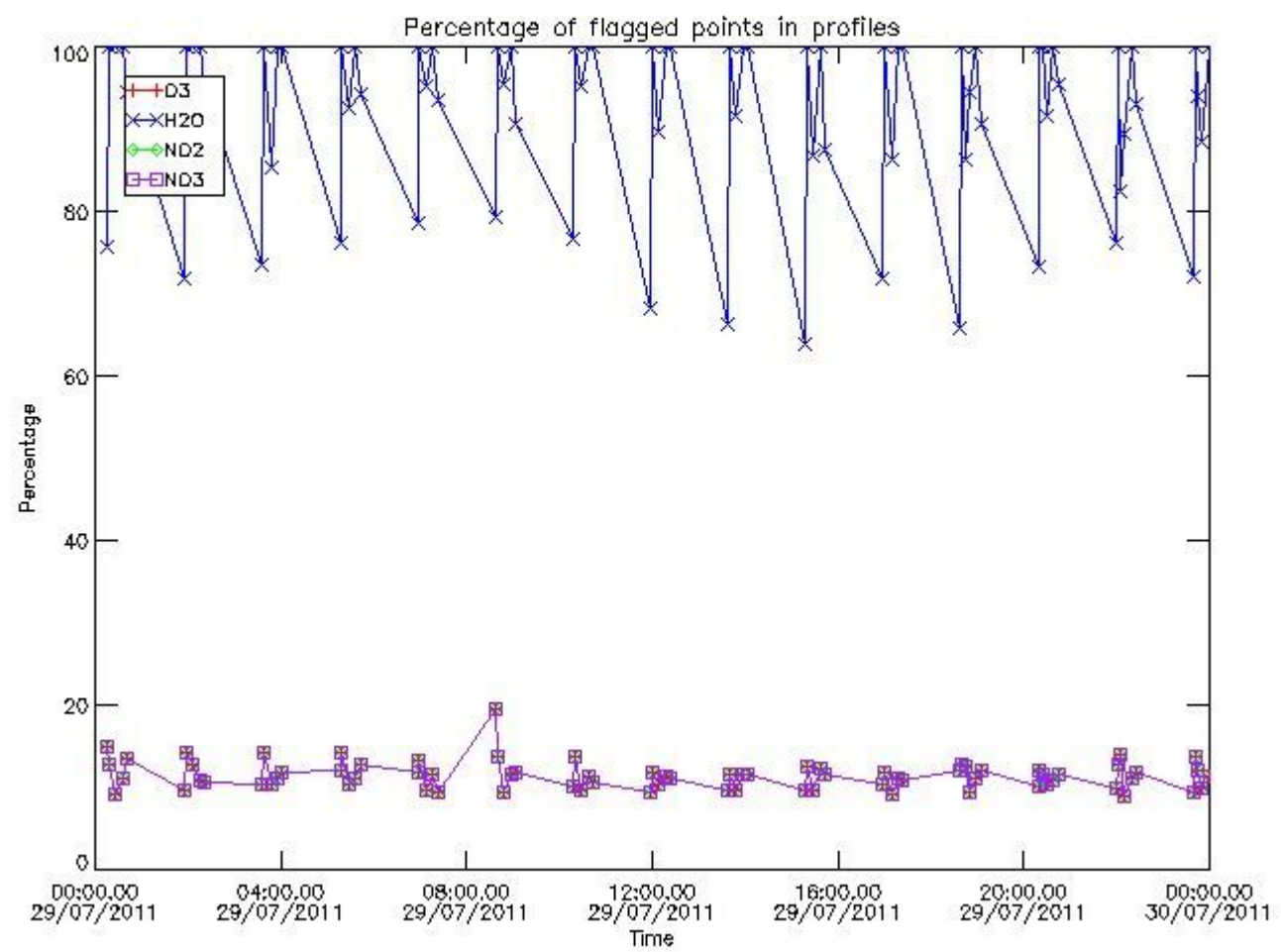
161	GOM_NL__2PRFIN20110729_144322_000000363105_00068_49220_3341.N1	29-JUL-2011 14:43:22	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	49220	No
162	GOM_NL__2PRFIN20110729_145001_000000423105_00068_49220_3342.N1	29-JUL-2011 14:50:01	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	49220	No
163	GOM_NL__2PRFIN20110729_150443_000000693105_00068_49220_3343.N1	29-JUL-2011 15:04:43	Bright	69.000	160	23Gam Per	2.9300	4700.0	138	49220	No
164	GOM_NL__2PRFIN20110729_150620_000000483105_00068_49220_3344.N1	29-JUL-2011 15:06:20	Bright	47.500	35	33Alp Per	1.7950	6250.0	95	49220	No
165	GOM_NL__2PRFIN20110729_150817_000000403105_00068_49220_3345.N1	29-JUL-2011 15:08:17	Bright	40.000	6	13Alp Aur	0.080000	3400.0	80	49220	No
166	GOM_NL__2PRFIN20110729_151011_000000423105_00068_49220_3346.N1	29-JUL-2011 15:10:11	Bright	42.000	149	45Eps Per	2.8880	30000.	84	49220	No
167	GOM_NL__2PRFIN20110729_151312_000000543105_00068_49220_3347.N1	29-JUL-2011 15:13:12	Tw_i_and_stray	54.000	150	44Zet Per	2.8900	28000.	108	49220	No
168	GOM_NL__2PRFIN20110729_151530_000000423105_00068_49220_3348.N1	29-JUL-2011 15:15:30	Tw_i_and_stray	41.500	176	23Zet Tau	3.0200	22000.	83	49220	No
169	GOM_NL__2PRFIN20110729_151755_000000533105_00068_49220_3349.N1	29-JUL-2011 15:17:55	Dark	53.000	13	87Alp Tau	0.86700	3800.0	106	49220	No
170	GOM_NL__2PRFIN20110729_151957_000000453105_00068_49220_3350.N1	29-JUL-2011 15:19:57	Dark	44.500	27	24Gam Ori	1.6360	26000.	89	49220	No
171	GOM_NL__2PRFIN20110729_152839_000000543105_00068_49220_3351.N1	29-JUL-2011 15:28:39	Dark	53.500	165	34Gam Eri	2.9500	3200.0	107	49220	No
172	GOM_NL__2PRFIN20110729_153802_000000463105_00068_49220_3352.N1	29-JUL-2011 15:38:02	Dark	46.000	157	The1Eri	2.9060	9300.0	92	49220	No
173	GOM_NL__2PRFIN20110729_154338_000000453105_00069_49221_3335.N1	29-JUL-2011 15:43:38	Dark	44.500	9	Alp Eri	0.45300	24000.	89	49221	No
174	GOM_NL__2PRFIN20110729_154813_000000553105_00069_49221_3336.N1	29-JUL-2011 15:48:13	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	49221	No
175	GOM_NL__2PRFIN20110729_155351_000000433105_00069_49221_3337.N1	29-JUL-2011 15:53:51	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	49221	No
176	GOM_NL__2PRFIN20110729_155700_000000463105_00069_49221_3338.N1	29-JUL-2011 15:57:00	Straylight	45.500	172	Gam Gru	3.0030	13100.	91	49221	No
177	GOM_NL__2PRFIN20110729_161300_000000413105_00069_49221_3339.N1	29-JUL-2011 16:13:00	Bright	40.500	11	53Alp Aql	0.76500	8000.0	81	49221	No
178	GOM_NL__2PRFIN20110729_162148_000000463105_00069_49221_3340.N1	29-JUL-2011 16:21:48	Bright	45.500	92	53Eps Cyg	2.5000	4500.0	91	49221	No
179	GOM_NL__2PRFIN20110729_162336_000000393105_00069_49221_3341.N1	29-JUL-2011 16:23:36	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	49221	No
180	GOM_NL__2PRFIN20110729_163015_000000423105_00069_49221_3342.N1	29-JUL-2011 16:30:15	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	49221	No
181	GOM_NL__2PRFIN20110729_164457_000000453105_00069_49221_3343.N1	29-JUL-2011 16:44:57	Bright	45.000	160	23Gam Per	2.9300	4700.0	90	49221	No
182	GOM_NL__2PRFIN20110729_164634_000000463105_00069_49221_3344.N1	29-JUL-2011 16:46:34	Bright	45.500	35	33Alp Per	1.7950	6250.0	91	49221	No
183	GOM_NL__2PRFIN20110729_164831_000000433105_00069_49221_3345.N1	29-JUL-2011 16:48:31	Bright	42.500	6	13Alp Aur	0.080000	3400.0	85	49221	No
184	GOM_NL__2PRFIN20110729_165025_000000663105_00069_49221_3346.N1	29-JUL-2011 16:50:25	Bright	66.000	149	45Eps Per	2.8880	30000.	132	49221	No
185	GOM_NL__2PRFIN20110729_165326_000000543105_00069_49221_3347.N1	29-JUL-2011 16:53:26	Tw_i_and_stray	53.500	150	44Zet Per	2.8900	28000.	107	49221	No
186	GOM_NL__2PRFIN20110729_165544_000000413105_00069_49221_3348.N1	29-JUL-2011 16:55:44	Tw_i_and_stray	40.500	176	23Zet Tau	3.0200	22000.	81	49221	No
187	GOM_NL__2PRFIN20110729_165809_000000543105_00069_49221_3349.N1	29-JUL-2011 16:58:09	Dark	53.500	13	87Alp Tau	0.86700	3800.0	107	49221	No
188	GOM_NL__2PRFIN20110729_170011_000000443105_00069_49221_3350.N1	29-JUL-2011 17:00:11	Dark	43.500	27	24Gam Ori	1.6360	26000.	87	49221	No
189	GOM_NL__2PRFIN20110729_170853_000000553105_00069_49221_3351.N1	29-JUL-2011 17:08:53	Dark	55.000	165	34Gam Eri	2.9500	3200.0	110	49221	No
190	GOM_NL__2PRFIN20110729_171816_000000463105_00069_49221_3352.N1	29-JUL-2011 17:18:16	Dark	46.000	157	The1Eri	2.9060	9300.0	92	49221	No
191	GOM_NL__2PRFIN20110729_172352_000000473105_00070_49222_3336.N1	29-JUL-2011 17:23:52	Dark	46.500	9	Alp Eri	0.45300	24000.	93	49222	No
192	GOM_NL__2PRFIN20110729_172828_000000593105_00070_49222_3337.N1	29-JUL-2011 17:28:28	Straylight	59.000	84	Alp Phe	2.3970	4500.0	118	49222	No
193	GOM_NL__2PRFIN20110729_173406_000000433105_00070_49222_3338.N1	29-JUL-2011 17:34:06	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	49222	No
194	GOM_NL__2PRFIN20110729_173714_000000473105_00070_49222_3339.N1	29-JUL-2011 17:37:14	Straylight	47.000	172	Gam Gru	3.0030	13100.	94	49222	No
195	GOM_NL__2PRFIN20110729_175314_000000393105_00070_49222_3340.N1	29-JUL-2011 17:53:14	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	49222	No
196	GOM_NL__2PRFIN20110729_180201_000000463105_00070_49222_3341.N1	29-JUL-2011 18:02:01	Bright	46.000	92	53Eps Cyg	2.5000	4500.0	92	49222	No
197	GOM_NL__2PRFIN20110729_180350_000000383105_00070_49222_3342.N1	29-JUL-2011 18:03:50	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	49222	No
198	GOM_NL__2PRFIN20110729_181028_000000423105_00070_49222_3343.N1	29-JUL-2011 18:10:28	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	49222	No
199	GOM_NL__2PRFIN20110729_182510_000000693105_00070_49222_3344.N1	29-JUL-2011 18:25:10	Bright	69.000	160	23Gam Per	2.9300	4700.0	138	49222	No
200	GOM_NL__2PRFIN20110729_182648_000000493105_00070_49222_3345.N1	29-JUL-2011 18:26:48	Bright	49.000	35	33Alp Per	1.7950	6250.0	98	49222	No
201	GOM_NL__2PRFIN20110729_182845_000000433105_00070_49222_3346.N1	29-JUL-2011 18:28:45	Bright	42.500	6	13Alp Aur	0.080000	3400.0	85	49222	No
202	GOM_NL__2PRFIN20110729_183039_000000493105_00070_49222_3347.N1	29-JUL-2011 18:30:39	Bright	48.500	149	45Eps Per	2.8880	30000.	97	49222	No
203	GOM_NL__2PRFIN20110729_183340_000000533105_00070_49222_3348.N1	29-JUL-2011 18:33:40	Tw_i_and_stray	52.500	150	44Zet Per	2.8900	28000.	105	49222	No
204	GOM_NL__2PRFIN20110729_183558_000000403105_00070_49222_3349.N1	29-JUL-2011 18:35:58	Tw_i_and_stray	40.000	176	23Zet Tau	3.0200	22000.	80	49222	No
205	GOM_NL__2PRFIN20110729_183824_000000553105_00070_49222_3350.N1	29-JUL-2011 18:38:24	Dark	54.500	13	87Alp Tau	0.86700	3800.0	109	49222	No
206	GOM_NL__2PRFIN20110729_184026_000000443105_00070_49222_3351.N1	29-JUL-2011 18:40:26	Dark	44.000	27	24Gam Ori	1.6360	26000.	88	49222	No
207	GOM_NL__2PRFIN20110729_184446_000000413105_00070_49222_3352.N1	29-JUL-2011 18:44:46	Dark	40.500	7	19Bet Ori	0.10000	14000.	81	49222	No
208	GOM_NL__2PRFIN20110729_184908_000000543105_00070_49222_3353.N1	29-JUL-2011 18:49:08	Dark	54.000	165	34Gam Eri	2.9500	3200.0	108	49222	No
209	GOM_NL__2PRFIN20110729_185832_000000463105_00070_49222_3354.N1	29-JUL-2011 18:58:32	Dark	45.500	157	The1Eri	2.9060	9300.0	91	49222	No
210	GOM_NL__2PRFIN20110729_190407_000000433105_00071_49223_3357.N1	29-JUL-2011 19:04:07	Dark	42.500	9	Alp Eri	0.45300	24000.	85	49223	No
211	GOM_NL__2PRFIN20110729_190843_000000543105_00071_49223_3358.N1	29-JUL-2011 19:08:43	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	49223	No
212	GOM_NL__2PRFIN20110729_191420_000000453105_00071_49223_3359.N1	29-JUL-2011 19:14:20	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	49223	No
213	GOM_NL__2PRFIN20110729_191729_000000473105_00071_49223_3360.N1	29-JUL-2011 19:17:29	Straylight	46.500	172	Gam Gru	3.0030	13100.	93	49223	No
214	GOM_NL__2PRFIN20110729_193328_000000393105_00071_49223_3361.N1	29-JUL-2011 19:33:28	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	49223	No
215	GOM_NL__2PRFIN20110729_194215_000000463105_00071_49223_3362.N1	29-JUL-2011 19:42:15	Bright	45.500	92	53Eps Cyg	2.5000	4500.0	91	49223	No
216	GOM_NL__2PRFIN20110729_194404_000000563105_00071_49223_3363.N1	29-JUL-2011 19:44:04	Bright	56.000	144	18Del Cyg	2.8600	11000.	112	49223	No
217	GOM_NL__2PRFIN20110729_195042_000000423105_00071_49223_3364.N1	29-JUL-2011 19:50:42	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	49223	No
218	GOM_NL__2PRFIN20110729_200524_000000563105_00071_49223_3365.N1	29-JUL-2011 20:05:24	Bright	55.500	160	23Gam Per	2.9300	4700.0	111	49223	No
219	GOM_NL__2PRFIN20110729_200701_000000493105_00071_49223_3366.N1	29-JUL-2011 20:07:01	Bright	48.500	35	33Alp Per	1.7950	6250.0	97	49223	No

220	GOM_NL__2PRFIN20110729_200859_000000423105_00071_49223_3367.N1	29-JUL-2011 20:08:59	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	49223	No
221	GOM_NL__2PRFIN20110729_201053_000000513105_00071_49223_3368.N1	29-JUL-2011 20:10:53	Bright	50.500	149	45Eps Per	2.8880	30000.	101	49223	No
222	GOM_NL__2PRFIN20110729_201355_000000543105_00071_49223_3369.N1	29-JUL-2011 20:13:55	Twi_and_stray	53.500	150	44Zet Per	2.8900	28000.	107	49223	No
223	GOM_NL__2PRFIN20110729_201613_000000423105_00071_49223_3370.N1	29-JUL-2011 20:16:13	Twi_and_stray	41.500	176	23Zet Tau	3.0200	22000.	83	49223	No
224	GOM_NL__2PRFIN20110729_201838_000000603105_00071_49223_3371.N1	29-JUL-2011 20:18:38	Dark	60.000	13	87Alp Tau	0.86700	3800.0	120	49223	No
225	GOM_NL__2PRFIN20110729_202040_000000433105_00071_49223_3372.N1	29-JUL-2011 20:20:40	Dark	42.500	27	24Gam Ori	1.6360	26000.	85	49223	No
226	GOM_NL__2PRFIN20110729_202500_000000453105_00071_49223_3373.N1	29-JUL-2011 20:25:00	Dark	44.500	7	19Bet Ori	0.10000	14000.	89	49223	No
227	GOM_NL__2PRFIN20110729_202923_000000553105_00071_49223_3374.N1	29-JUL-2011 20:29:23	Dark	54.500	165	34Gam Eri	2.9500	3200.0	109	49223	No
228	GOM_NL__2PRFIN20110729_203846_000000473105_00071_49223_3375.N1	29-JUL-2011 20:38:46	Dark	46.500	157	The1Eri	2.9060	9300.0	93	49223	No
229	GOM_NL__2PRFIN20110729_204422_000000453105_00072_49224_3427.N1	29-JUL-2011 20:44:22	Dark	44.500	9	Alp Eri	0.45300	24000.	89	49224	No
230	GOM_NL__2PRFIN20110729_204858_000000643105_00072_49224_3428.N1	29-JUL-2011 20:48:58	Straylight	64.000	84	Alp Phe	2.3970	4500.0	128	49224	No
231	GOM_NL__2PRFIN20110729_205435_000000433105_00072_49224_3429.N1	29-JUL-2011 20:54:35	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	49224	No
232	GOM_NL__2PRFIN20110729_205743_000000453105_00072_49224_3430.N1	29-JUL-2011 20:57:43	Straylight	45.000	172	Gam Gru	3.0030	13100.	90	49224	No
233	GOM_NL__2PRFIN20110729_211342_000000393105_00072_49224_3431.N1	29-JUL-2011 21:13:42	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	49224	No
234	GOM_NL__2PRFIN20110729_212228_000000453105_00072_49224_3432.N1	29-JUL-2011 21:22:28	Bright	45.000	92	53Eps Cyg	2.5000	4500.0	90	49224	No
235	GOM_NL__2PRFIN20110729_212418_000000393105_00072_49224_3433.N1	29-JUL-2011 21:24:18	Bright	38.500	144	18Del Cyg	2.8600	11000.	77	49224	No
236	GOM_NL__2PRFIN20110729_213056_000000603105_00072_49224_3434.N1	29-JUL-2011 21:30:56	Bright	60.000	89	5Alp Cep	2.4510	8000.0	120	49224	No
237	GOM_NL__2PRFIN20110729_214538_000000473105_00072_49224_3435.N1	29-JUL-2011 21:45:38	Bright	47.000	160	23Gam Per	2.9300	4700.0	94	49224	No
238	GOM_NL__2PRFIN20110729_214715_000000503105_00072_49224_3436.N1	29-JUL-2011 21:47:15	Bright	49.500	35	33Alp Per	1.7950	6250.0	99	49224	No
239	GOM_NL__2PRFIN20110729_214913_000000423105_00072_49224_3437.N1	29-JUL-2011 21:49:13	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	49224	No
240	GOM_NL__2PRFIN20110729_215107_000000443105_00072_49224_3438.N1	29-JUL-2011 21:51:07	Bright	43.500	149	45Eps Per	2.8880	30000.	87	49224	No
241	GOM_NL__2PRFIN20110729_215409_000000553105_00072_49224_3439.N1	29-JUL-2011 21:54:09	Twi_and_stray	55.000	150	44Zet Per	2.8900	28000.	110	49224	No
242	GOM_NL__2PRFIN20110729_215627_000000413105_00072_49224_3440.N1	29-JUL-2011 21:56:27	Twi_and_stray	40.500	176	23Zet Tau	3.0200	22000.	81	49224	No
243	GOM_NL__2PRFIN20110729_215853_000000513105_00072_49224_3441.N1	29-JUL-2011 21:58:53	Dark	51.000	13	87Alp Tau	0.86700	3800.0	102	49224	No
244	GOM_NL__2PRFIN20110729_220054_000000403105_00072_49224_3442.N1	29-JUL-2011 22:00:54	Dark	40.000	27	24Gam Ori	1.6360	26000.	80	49224	No
245	GOM_NL__2PRFIN20110729_220515_000000403105_00072_49224_3443.N1	29-JUL-2011 22:05:15	Dark	39.500	7	19Bet Ori	0.10000	14000.	79	49224	No
246	GOM_NL__2PRFIN20110729_220938_000000573105_00072_49224_3444.N1	29-JUL-2011 22:09:38	Dark	57.000	165	34Gam Eri	2.9500	3200.0	114	49224	No
247	GOM_NL__2PRFIN20110729_221901_000000463105_00072_49224_3445.N1	29-JUL-2011 22:19:01	Dark	46.000	157	The1Eri	2.9060	9300.0	92	49224	No
248	GOM_NL__2PRFIN20110729_222436_000000433105_00073_49225_3480.N1	29-JUL-2011 22:24:36	Dark	43.000	9	Alp Eri	0.45300	24000.	86	49225	No
249	GOM_NL__2PRFIN20110729_222913_000000583105_00073_49225_3481.N1	29-JUL-2011 22:29:13	Straylight	57.500	84	Alp Phe	2.3970	4500.0	115	49225	No
250	GOM_NL__2PRFIN20110729_223449_000000453105_00073_49225_3482.N1	29-JUL-2011 22:34:49	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	49225	No
251	GOM_NL__2PRFIN20110729_223758_000000483105_00073_49225_3483.N1	29-JUL-2011 22:37:58	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	49225	No
252	GOM_NL__2PRFIN20110729_225356_000000383105_00073_49225_3484.N1	29-JUL-2011 22:53:56	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	49225	No
253	GOM_NL__2PRFIN20110729_230241_000000453105_00073_49225_3485.N1	29-JUL-2011 23:02:41	Bright	44.500	92	53Eps Cyg	2.5000	4500.0	89	49225	No
254	GOM_NL__2PRFIN20110729_230431_000000363105_00073_49225_3486.N1	29-JUL-2011 23:04:31	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	49225	No
255	GOM_NL__2PRFIN20110729_231109_000000403105_00073_49225_3487.N1	29-JUL-2011 23:11:09	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	49225	No
256	GOM_NL__2PRFIN20110729_232551_000000483105_00073_49225_3488.N1	29-JUL-2011 23:25:51	Bright	47.500	160	23Gam Per	2.9300	4700.0	95	49225	No
257	GOM_NL__2PRFIN20110729_232729_000000483105_00073_49225_3489.N1	29-JUL-2011 23:27:29	Bright	48.000	35	33Alp Per	1.7950	6250.0	96	49225	No
258	GOM_NL__2PRFIN20110729_232927_000000423105_00073_49225_3490.N1	29-JUL-2011 23:29:27	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	49225	No
259	GOM_NL__2PRFIN20110729_233121_000000513105_00073_49225_3491.N1	29-JUL-2011 23:31:21	Bright	50.500	149	45Eps Per	2.8880	30000.	101	49225	No
260	GOM_NL__2PRFIN20110729_233423_000000503105_00073_49225_3492.N1	29-JUL-2011 23:34:23	Twi_and_stray	49.500	150	44Zet Per	2.8900	28000.	99	49225	No
261	GOM_NL__2PRFIN20110729_233641_000000413105_00073_49225_3493.N1	29-JUL-2011 23:36:41	Twi_and_stray	40.500	176	23Zet Tau	3.0200	22000.	81	49225	No
262	GOM_NL__2PRFIN20110729_233907_000000543105_00073_49225_3494.N1	29-JUL-2011 23:39:07	Dark	54.000	13	87Alp Tau	0.86700	3800.0	108	49225	No
263	GOM_NL__2PRFIN20110729_234108_000000413105_00073_49225_3495.N1	29-JUL-2011 23:41:08	Dark	41.000	27	24Gam Ori	1.6360	26000.	82	49225	No
264	GOM_NL__2PRFIN20110729_234529_000000423105_00073_49225_3496.N1	29-JUL-2011 23:45:29	Dark	42.000	7	19Bet Ori	0.10000	14000.	84	49225	No
265	GOM_NL__2PRFIN20110729_234953_000000523105_00073_49225_3497.N1	29-JUL-2011 23:49:53	Dark	52.000	165	34Gam Eri	2.9500	3200.0	104	49225	No
266	GOM_NL__2PRFIN20110729_235916_000000453105_00073_49225_3498.N1	29-JUL-2011 23:59:16	Dark	45.000	157	The1Eri	2.9060	9300.0	90	49225	No

3. Quality information per product

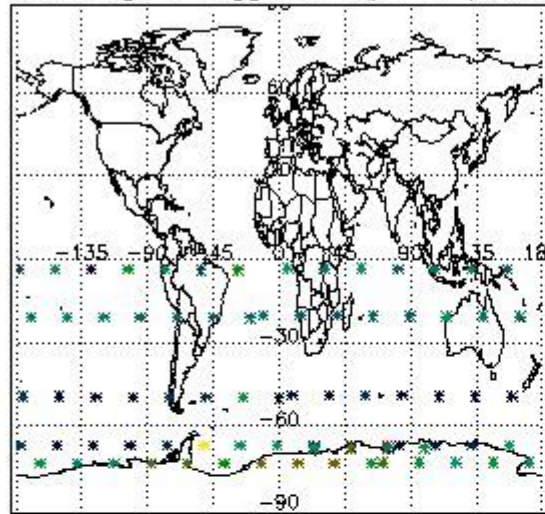
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

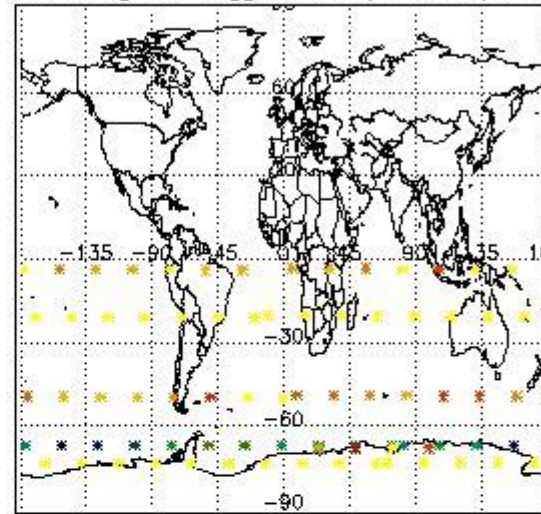


3.2 Plot quality information per product (world map)

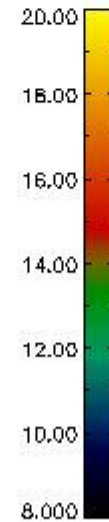
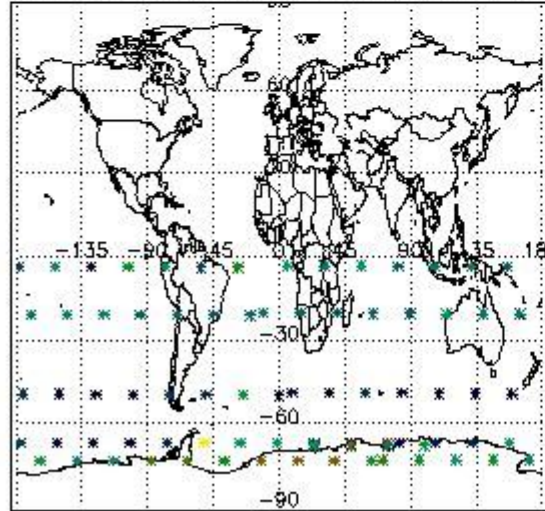
Percentage of flagged data per O3 profile



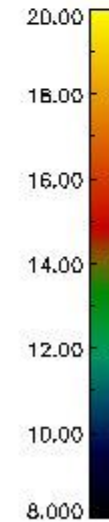
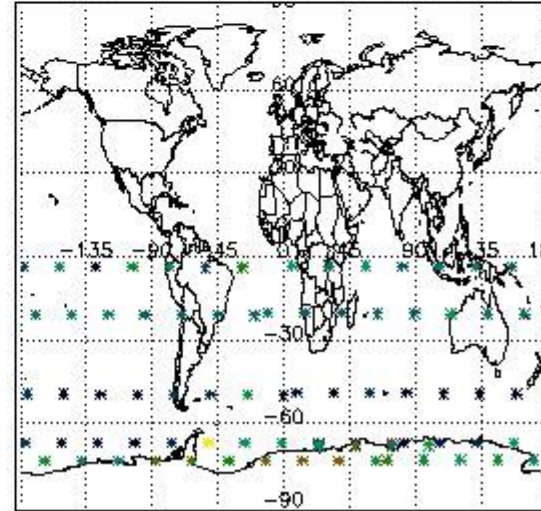
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

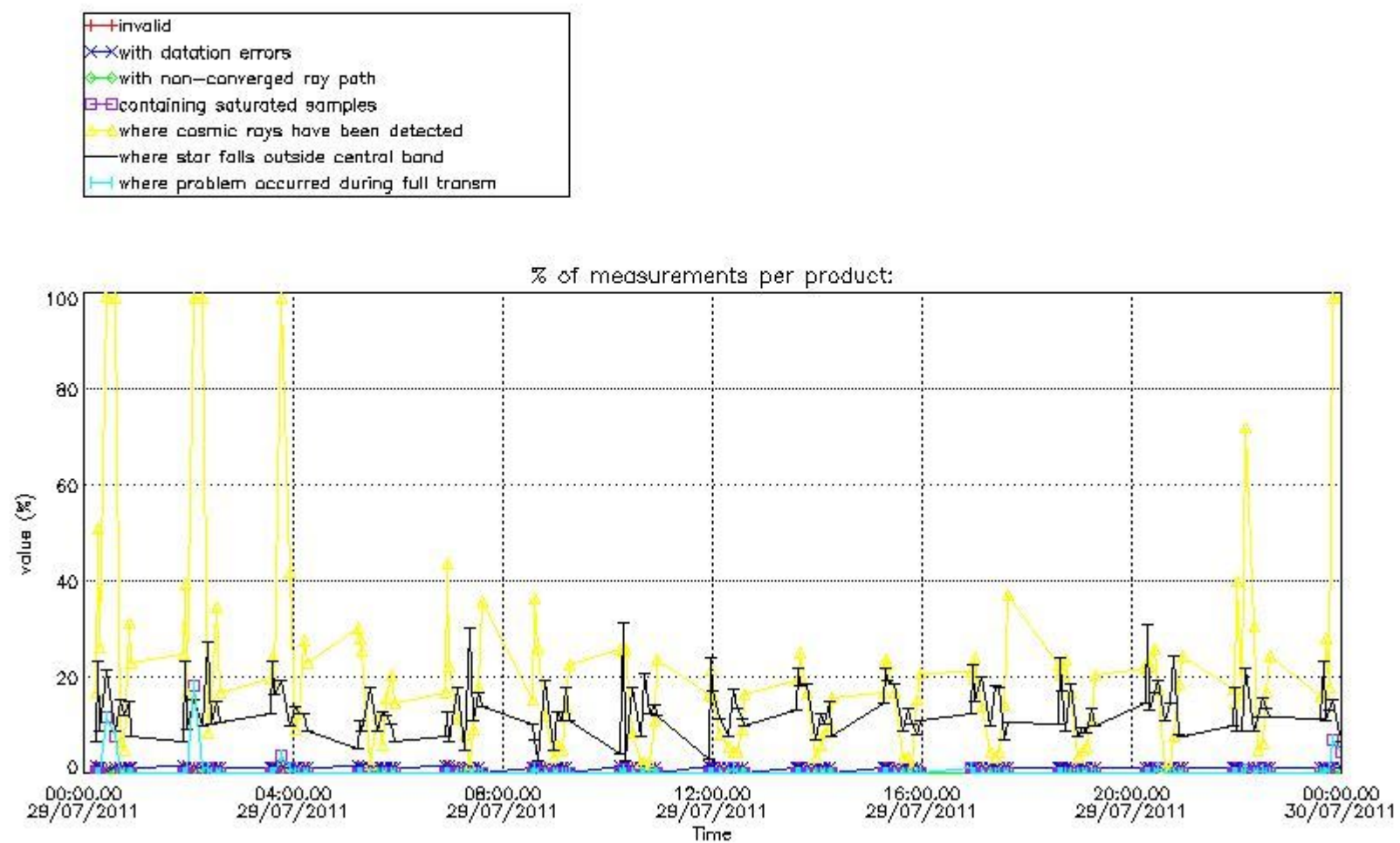


4. Level 1 quality information per product

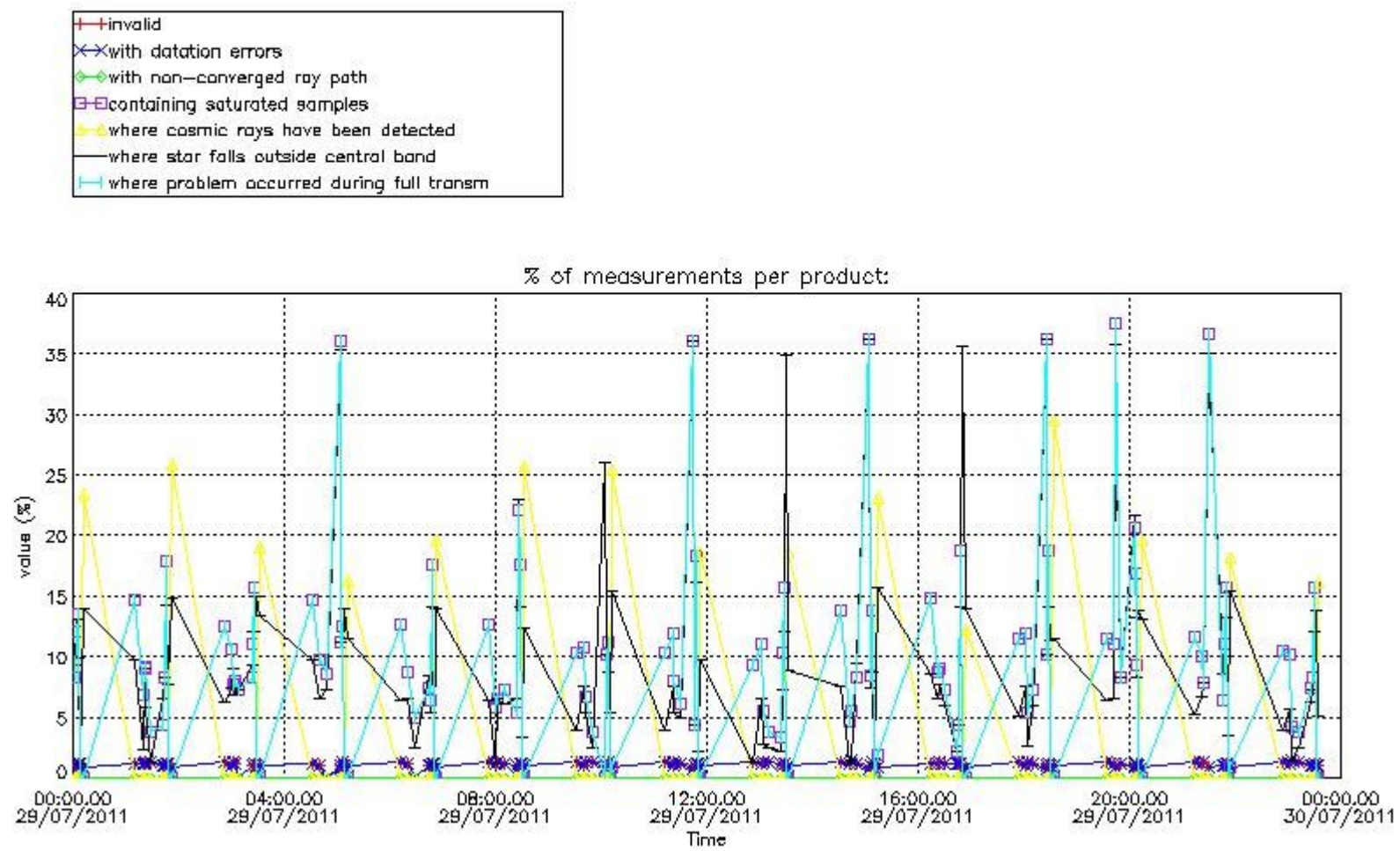
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



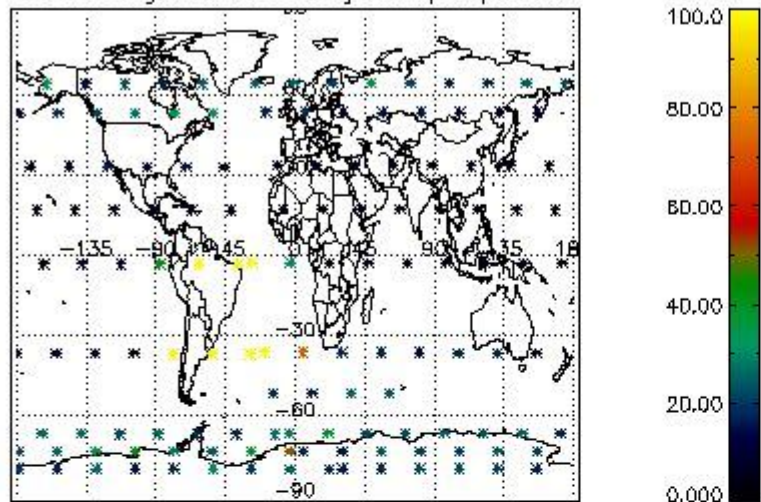
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



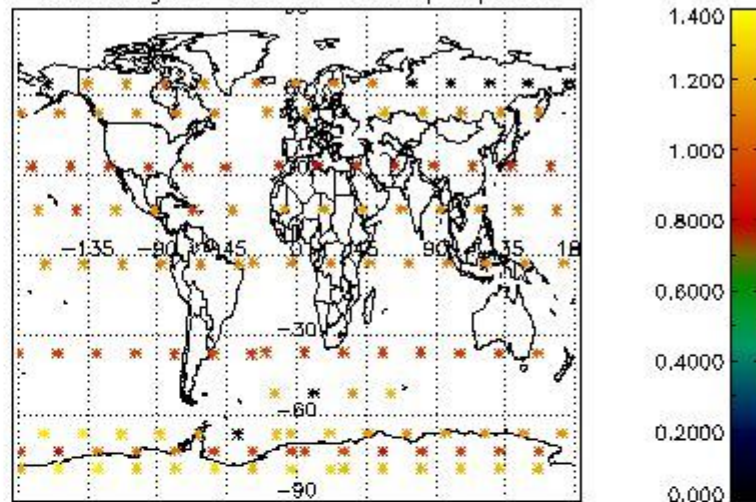
4.2 Plot quality information per product coming from level 1b processing (world map)

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

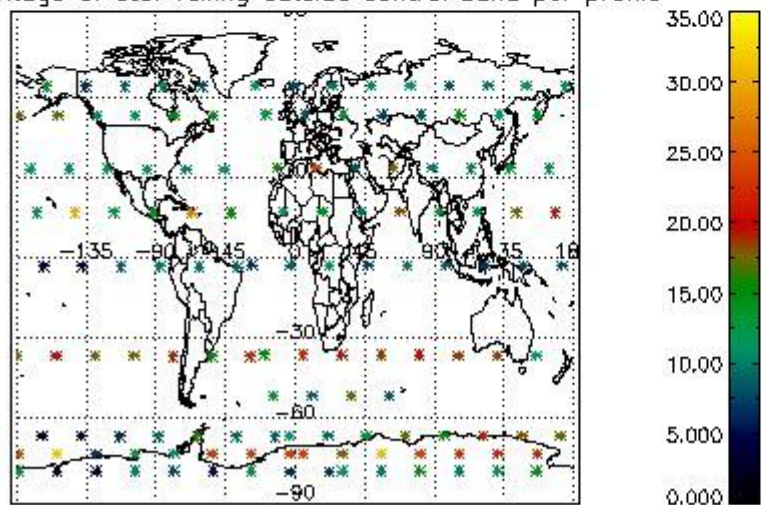
Percentage of cosmic ray hits per profile



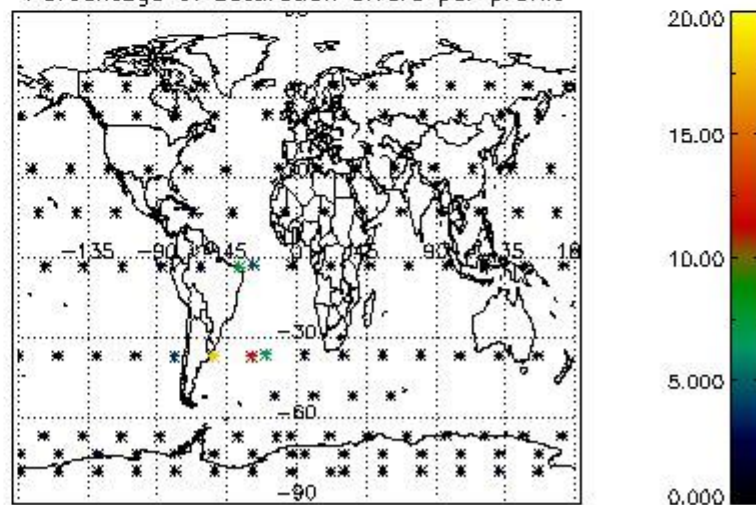
Percentage of datation errors per profile



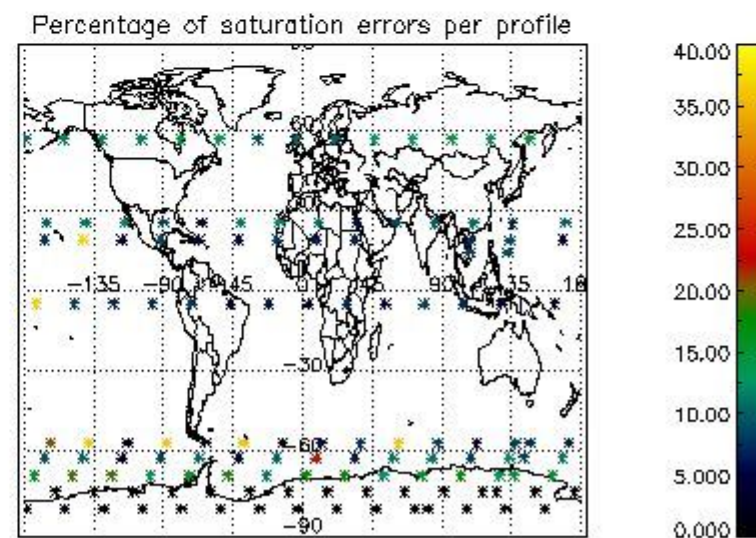
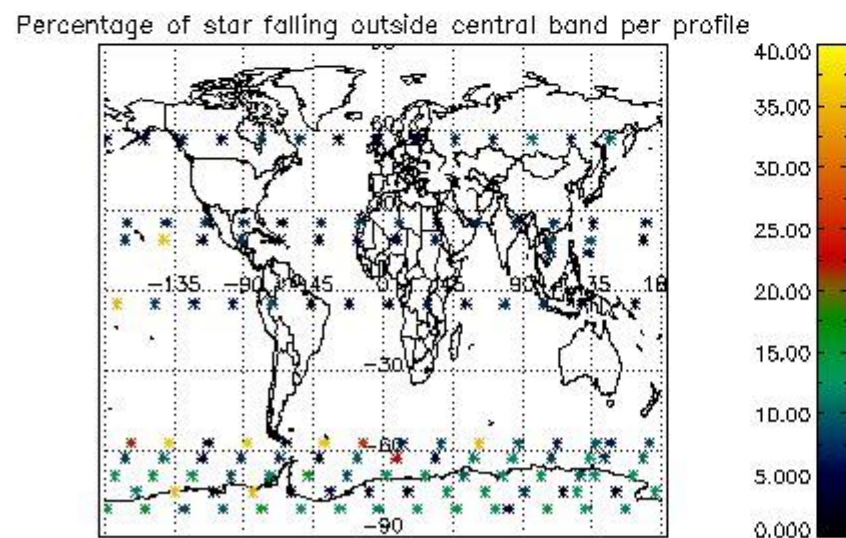
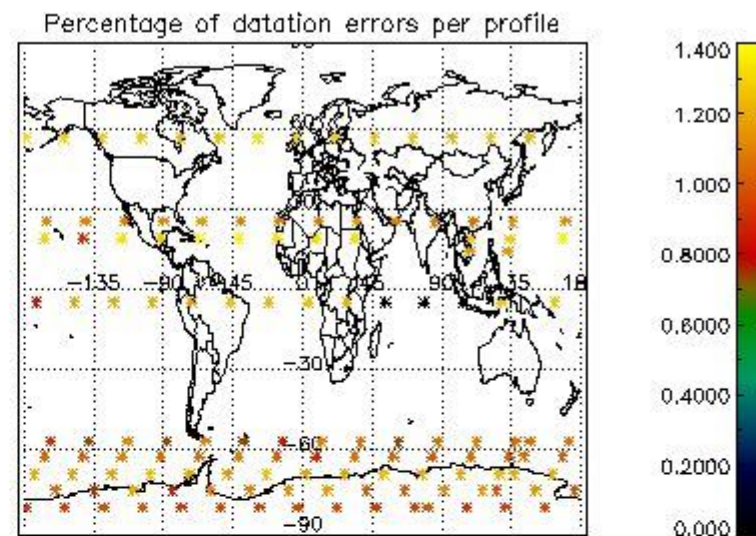
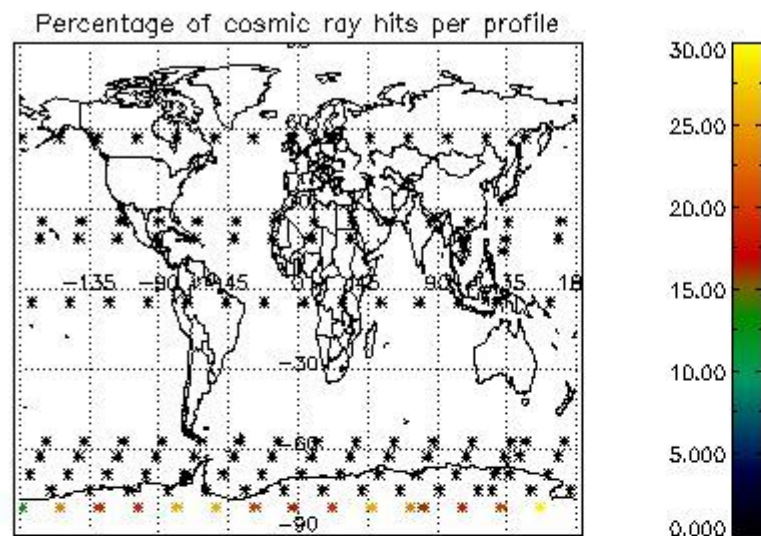
Percentage of star falling outside central band per profile



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

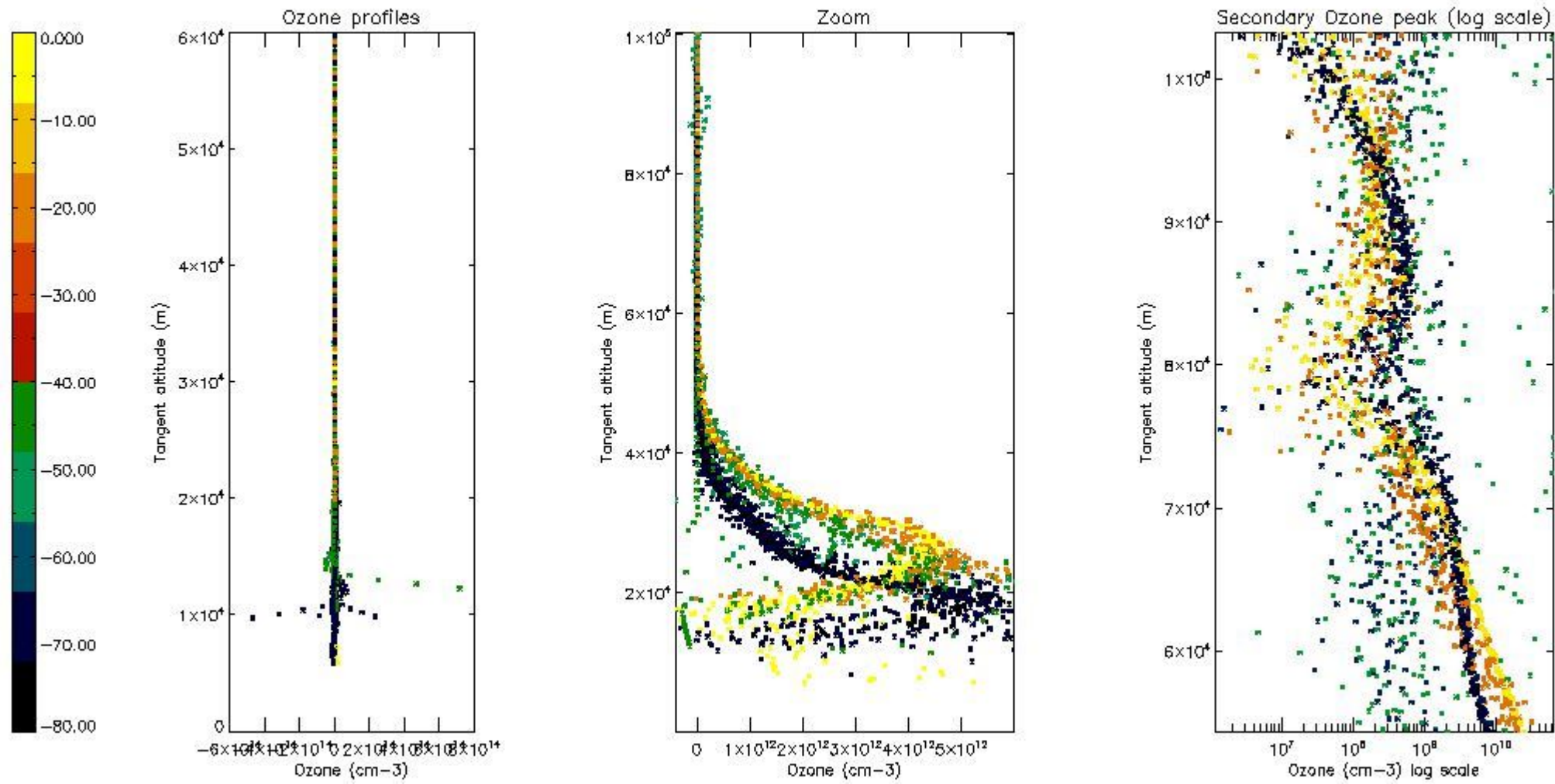
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	30
STD < 20	14

STD < 10	10
STD < 5	7

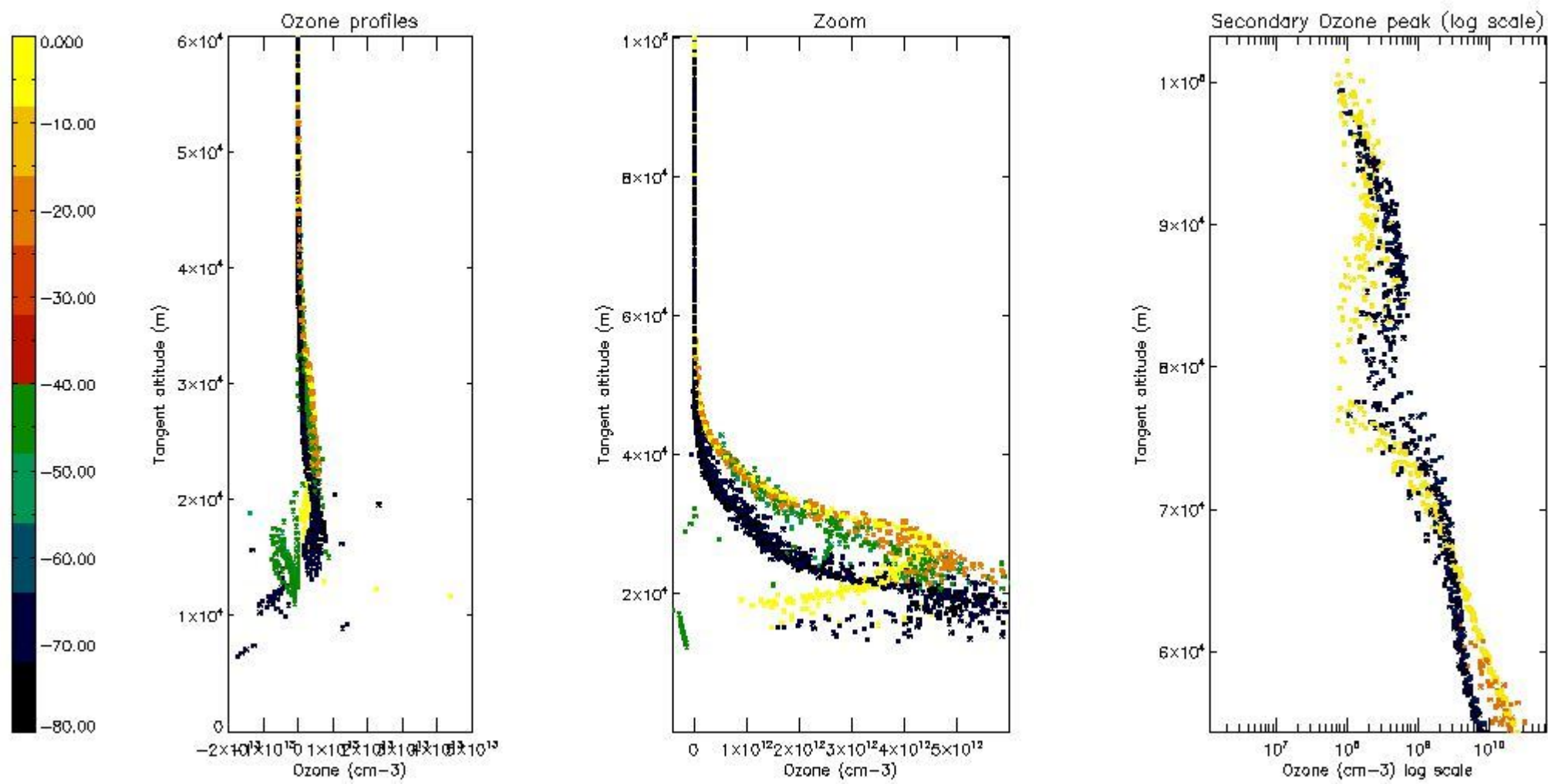
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



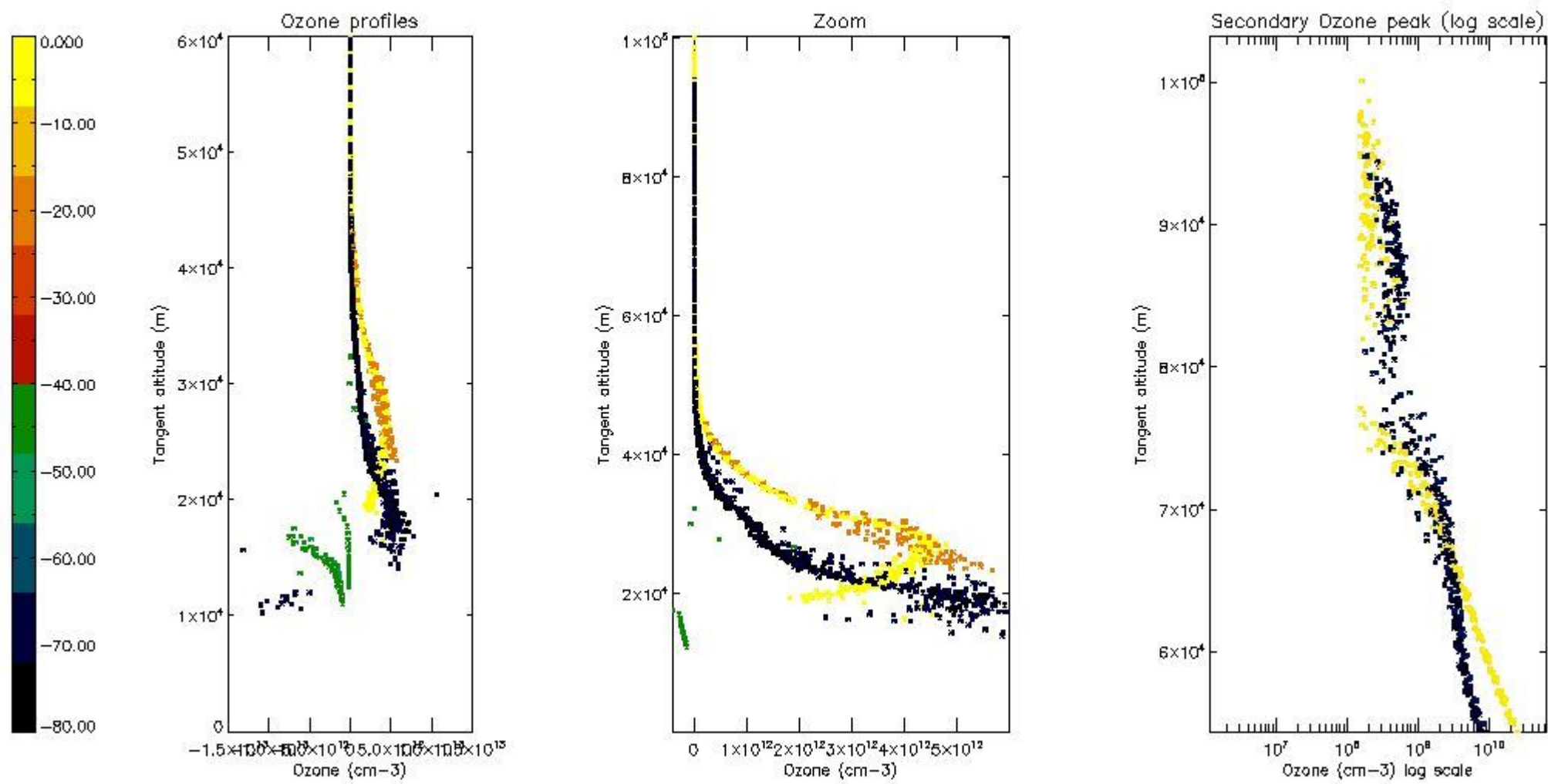
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



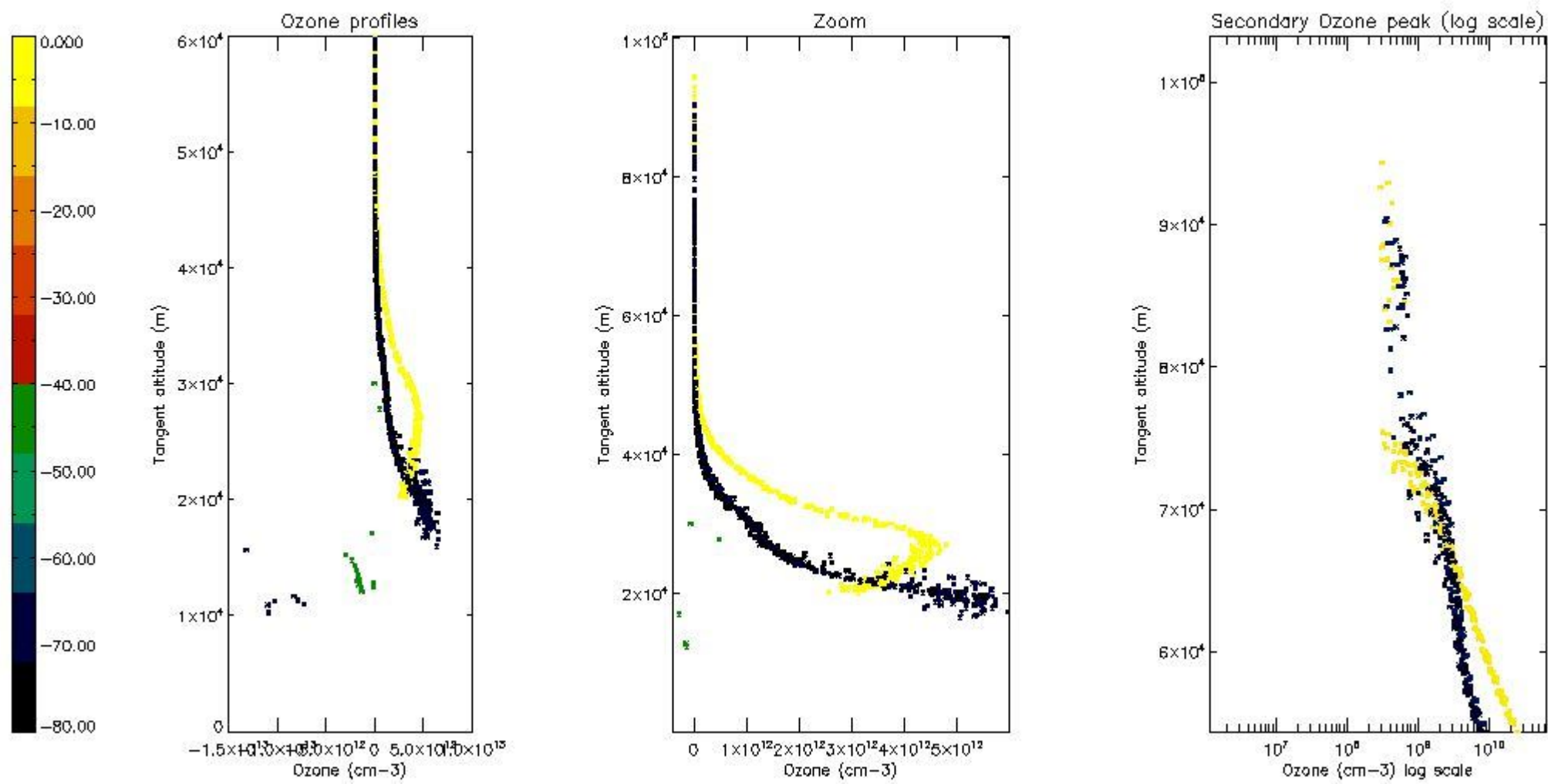
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



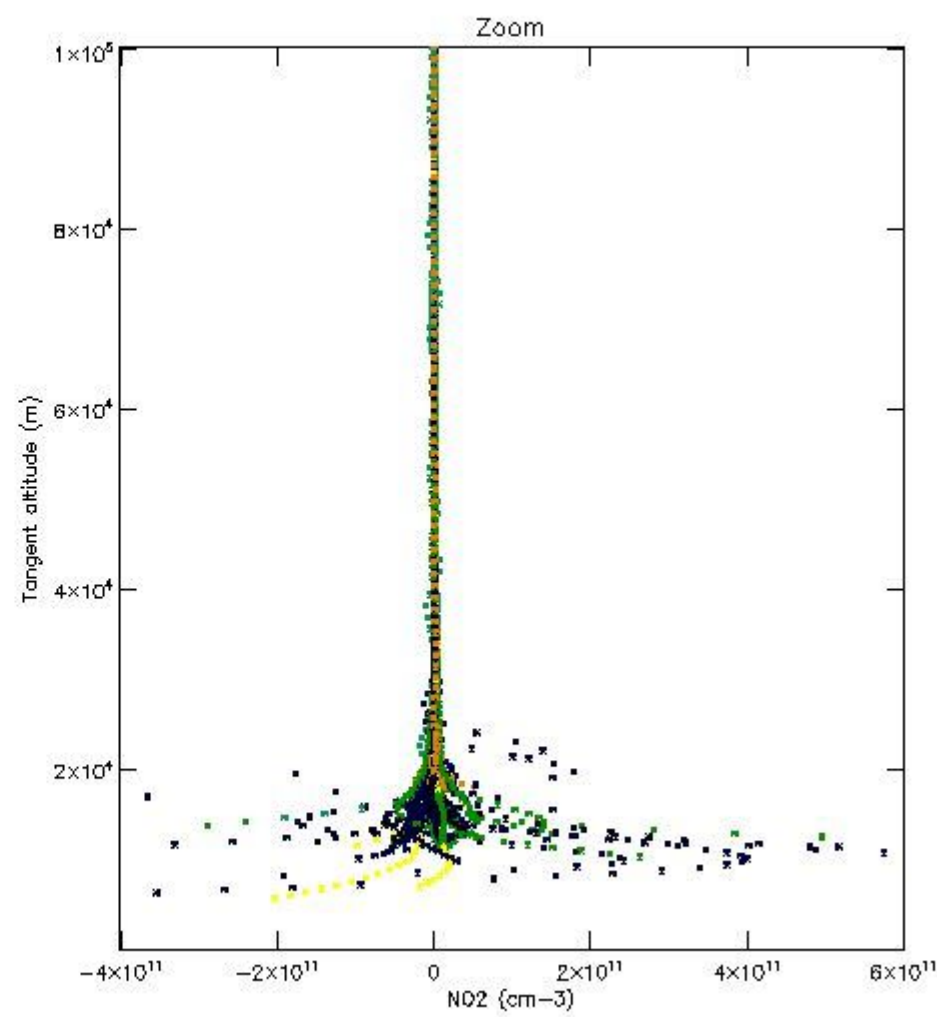
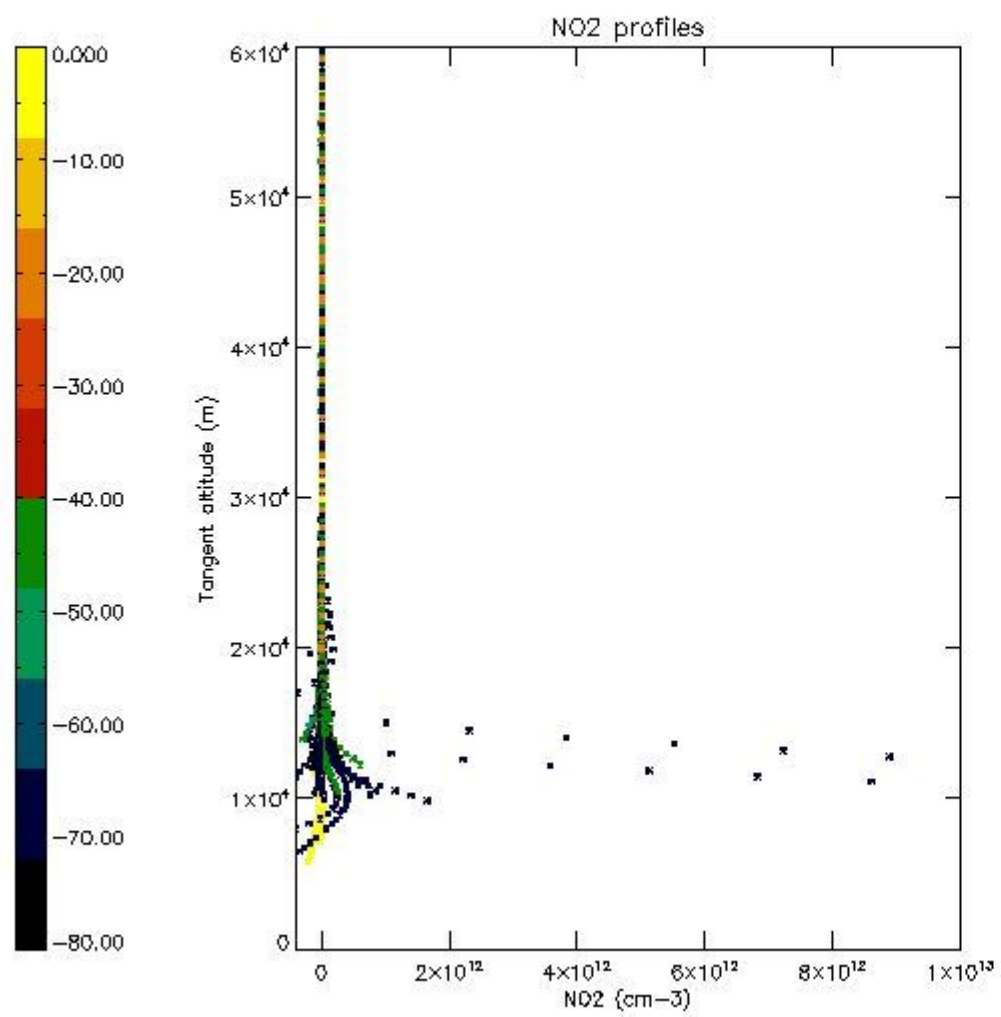
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



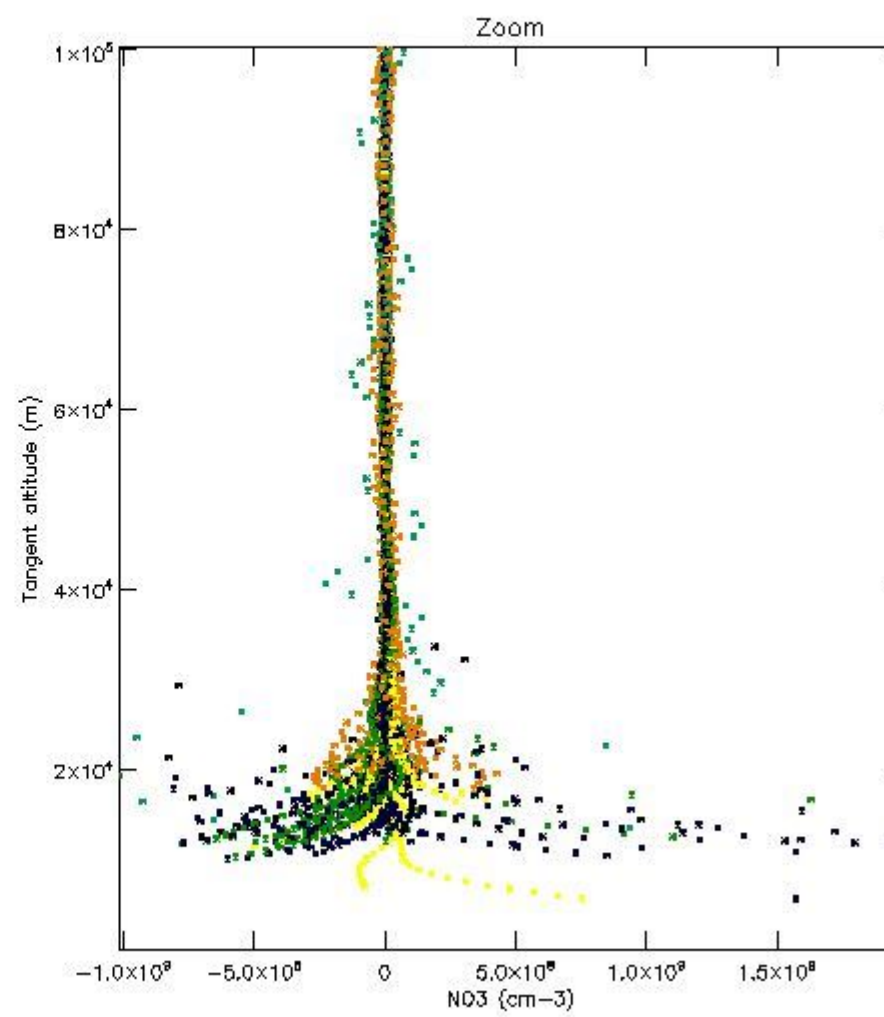
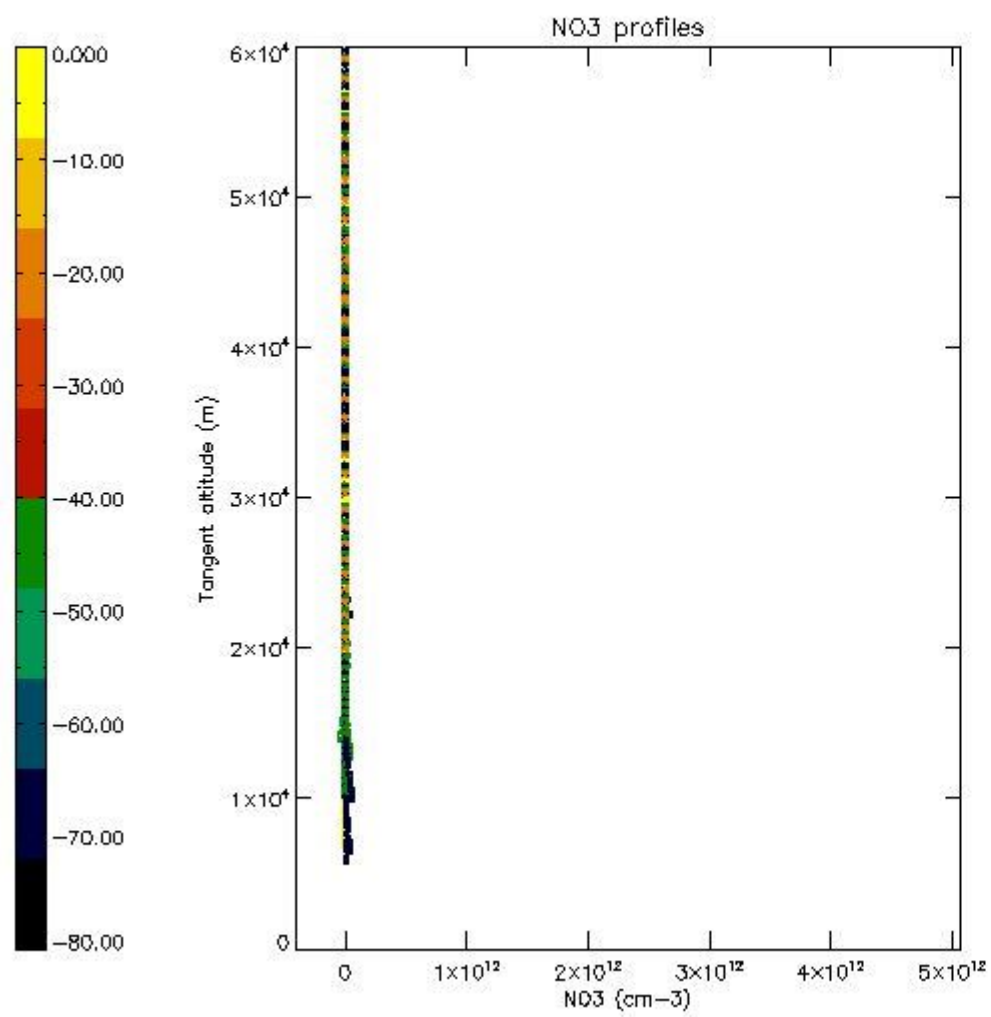
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



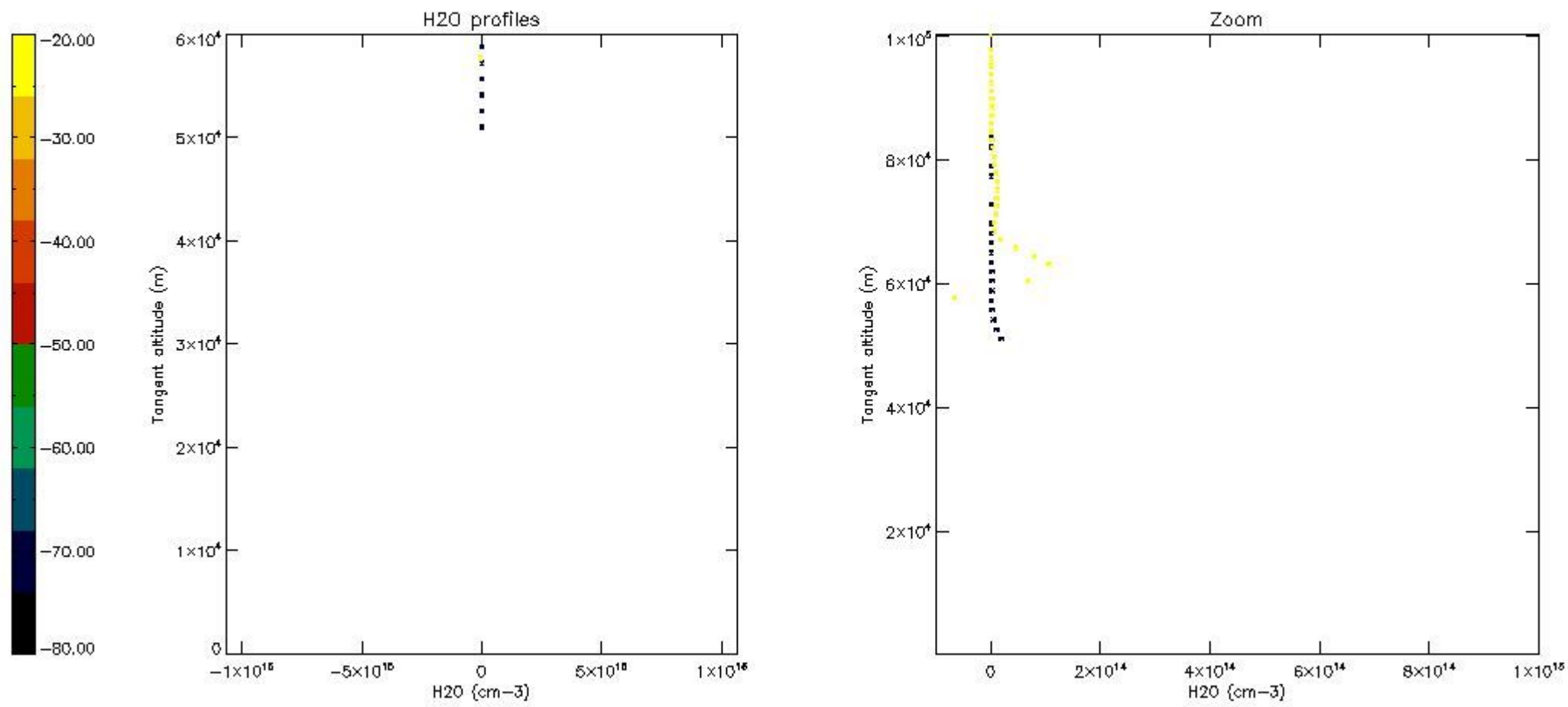
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	29-JUL-2011 00:02:40
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	29-JUL-2011 00:02:40
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	29-JUL-2011 00:02:40

GOMOS Level 2 Daily Report

SUMMARY

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[2. Summary of processed GOM_NL_2P products](#)

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

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

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

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

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

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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 16:17:05
Data source version	GOMOS/6.01
Start time of products	29-07-2011 (29JUL2011 00:00:00)
Stop time of products	30-07-2011 (30JUL2011 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	266
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__2PRFIN20110729_000240_000000483105_00059_49211_2962.N1	29-JUL-2011 00:02:40	Bright	48.000	160	23Gam Per	2.9300	4700.0	96	49211	No
2	GOM_NL__2PRFIN20110729_000417_000000503105_00059_49211_2963.N1	29-JUL-2011 00:04:17	Bright	49.500	35	33Alp Per	1.7950	6250.0	99	49211	No
3	GOM_NL__2PRFIN20110729_000611_000000413105_00059_49211_2964.N1	29-JUL-2011 00:06:11	Bright	40.500	6	13Alp Aur	0.080000	3400.0	81	49211	No
4	GOM_NL__2PRFIN20110729_000806_000000433105_00059_49211_2965.N1	29-JUL-2011 00:08:06	Bright	43.000	149	45Eps Per	2.8880	30000.	86	49211	No
5	GOM_NL__2PRFIN20110729_001105_000000543105_00059_49211_2966.N1	29-JUL-2011 00:11:05	Twilight	53.500	150	44Zet Per	2.8900	28000.	107	49211	No
6	GOM_NL__2PRFIN20110729_001322_000000393105_00059_49211_2967.N1	29-JUL-2011 00:13:22	Twilight	38.500	176	23Zet Tau	3.0200	22000.	77	49211	No
7	GOM_NL__2PRFIN20110729_001546_000000543105_00059_49211_2968.N1	29-JUL-2011 00:15:46	Dark	54.000	13	87Alp Tau	0.86700	3800.0	108	49211	No
8	GOM_NL__2PRFIN20110729_001748_000000403105_00059_49211_2969.N1	29-JUL-2011 00:17:48	Dark	40.000	27	24Gam Ori	1.6360	26000.	80	49211	No
9	GOM_NL__2PRFIN20110729_002625_000000563105_00059_49211_2970.N1	29-JUL-2011 00:26:25	Dark	55.500	165	34Gam Eri	2.9500	3200.0	111	49211	No
10	GOM_NL__2PRFIN20110729_003547_000000463105_00059_49211_2971.N1	29-JUL-2011 00:35:47	Dark	45.500	157	The1Eri	2.9060	9300.0	91	49211	No
11	GOM_NL__2PRFIN20110729_004126_000000463105_00060_49212_2958.N1	29-JUL-2011 00:41:26	Dark	45.500	9	Alp Eri	0.45300	24000.	91	49212	No
12	GOM_NL__2PRFIN20110729_004557_000000553105_00060_49212_2959.N1	29-JUL-2011 00:45:57	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	49212	No
13	GOM_NL__2PRFIN20110729_005140_000000473105_00060_49212_2960.N1	29-JUL-2011 00:51:40	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	49212	No
14	GOM_NL__2PRFIN20110729_005449_000000463105_00060_49212_2961.N1	29-JUL-2011 00:54:49	Straylight	45.500	172	Gam Gru	3.0030	13100.	91	49212	No
15	GOM_NL__2PRFIN20110729_011055_000000413105_00060_49212_2962.N1	29-JUL-2011 01:10:55	Bright	41.000	11	53Alp Aql	0.76500	8000.0	82	49212	No
16	GOM_NL__2PRFIN20110729_011947_000000443105_00060_49212_2963.N1	29-JUL-2011 01:19:47	Bright	44.000	92	53Eps Cyg	2.5000	4500.0	88	49212	No
17	GOM_NL__2PRFIN20110729_012132_000000393105_00060_49212_2964.N1	29-JUL-2011 01:21:32	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	49212	No
18	GOM_NL__2PRFIN20110729_012251_000000443105_00060_49212_2965.N1	29-JUL-2011 01:22:51	Bright	43.500	19	50Alp Cyg	1.2460	10500.	87	49212	No
19	GOM_NL__2PRFIN20110729_012813_000000393105_00060_49212_2966.N1	29-JUL-2011 01:28:13	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	49212	No
20	GOM_NL__2PRFIN20110729_014254_000000463105_00060_49212_2967.N1	29-JUL-2011 01:42:54	Bright	46.000	160	23Gam Per	2.9300	4700.0	92	49212	No
21	GOM_NL__2PRFIN20110729_014430_000000483105_00060_49212_2968.N1	29-JUL-2011 01:44:30	Bright	48.000	35	33Alp Per	1.7950	6250.0	96	49212	No
22	GOM_NL__2PRFIN20110729_014625_000000423105_00060_49212_2969.N1	29-JUL-2011 01:46:25	Bright	42.000	6	13Alp Aur	0.080000	3400.0	84	49212	No
23	GOM_NL__2PRFIN20110729_014820_000000453105_00060_49212_2970.N1	29-JUL-2011 01:48:20	Bright	45.000	149	45Eps Per	2.8880	30000.	90	49212	No
24	GOM_NL__2PRFIN20110729_015119_000000543105_00060_49212_2971.N1	29-JUL-2011 01:51:19	Twilight	54.000	150	44Zet Per	2.8900	28000.	108	49212	No
25	GOM_NL__2PRFIN20110729_015336_000000393105_00060_49212_2972.N1	29-JUL-2011 01:53:36	Twilight	38.500	176	23Zet Tau	3.0200	22000.	77	49212	No
26	GOM_NL__2PRFIN20110729_015600_000000543105_00060_49212_2973.N1	29-JUL-2011 01:56:00	Dark	53.500	13	87Alp Tau	0.86700	3800.0	107	49212	No
27	GOM_NL__2PRFIN20110729_015803_000000393105_00060_49212_2974.N1	29-JUL-2011 01:58:03	Dark	39.000	27	24Gam Ori	1.6360	26000.	78	49212	No
28	GOM_NL__2PRFIN20110729_020640_000000523105_00060_49212_2975.N1	29-JUL-2011 02:06:40	Dark	52.000	165	34Gam Eri	2.9500	3200.0	104	49212	No
29	GOM_NL__2PRFIN20110729_021602_000000473105_00060_49212_2976.N1	29-JUL-2011 02:16:02	Dark	46.500	157	The1Eri	2.9060	9300.0	93	49212	No
30	GOM_NL__2PRFIN20110729_022140_000000533105_00061_49213_2990.N1	29-JUL-2011 02:21:40	Dark	53.000	9	Alp Eri	0.45300	24000.	106	49213	No
31	GOM_NL__2PRFIN20110729_022612_000000553105_00061_49213_2991.N1	29-JUL-2011 02:26:12	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	49213	No
32	GOM_NL__2PRFIN20110729_023155_000000473105_00061_49213_2992.N1	29-JUL-2011 02:31:55	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	49213	No
33	GOM_NL__2PRFIN20110729_023504_000000483105_00061_49213_2993.N1	29-JUL-2011 02:35:04	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	49213	No
34	GOM_NL__2PRFIN20110729_025109_000000403105_00061_49213_2994.N1	29-JUL-2011 02:51:09	Bright	40.000	11	53Alp Aql	0.76500	8000.0	80	49213	No
35	GOM_NL__2PRFIN20110729_030000_000000473105_00061_49213_2995.N1	29-JUL-2011 03:00:00	Bright	47.000	92	53Eps Cyg	2.5000	4500.0	94	49213	No
36	GOM_NL__2PRFIN20110729_030146_000000393105_00061_49213_2996.N1	29-JUL-2011 03:01:46	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	49213	No
37	GOM_NL__2PRFIN20110729_030305_000000443105_00061_49213_2997.N1	29-JUL-2011 03:03:05	Bright	43.500	19	50Alp Cyg	1.2460	10500.	87	49213	No
38	GOM_NL__2PRFIN20110729_030827_000000413105_00061_49213_2998.N1	29-JUL-2011 03:08:27	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	49213	No
39	GOM_NL__2PRFIN20110729_032307_000000483105_00061_49213_2999.N1	29-JUL-2011 03:23:07	Bright	48.000	160	23Gam Per	2.9300	4700.0	96	49213	No
40	GOM_NL__2PRFIN20110729_032444_000000503105_00061_49213_3000.N1	29-JUL-2011 03:24:44	Bright	49.500	35	33Alp Per	1.7950	6250.0	99	49213	No
41	GOM_NL__2PRFIN20110729_032639_000000423105_00061_49213_3001.N1	29-JUL-2011 03:26:39	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	49213	No
42	GOM_NL__2PRFIN20110729_032834_000000503105_00061_49213_3002.N1	29-JUL-2011 03:28:34	Bright	50.000	149	45Eps Per	2.8880	30000.	100	49213	No

43	GOM_NL__2PRFIN20110729_033133_00000533105_00061_49213_3003.N1	29-JUL-2011 03:31:33	Twilight	52.500	150	44Zet Per	2.8900	28000.	105	49213	No
44	GOM_NL__2PRFIN20110729_033351_00000413105_00061_49213_3004.N1	29-JUL-2011 03:33:51	Twilight	41.000	176	23Zet Tau	3.0200	22000.	82	49213	No
45	GOM_NL__2PRFIN20110729_033615_00000543105_00061_49213_3005.N1	29-JUL-2011 03:36:15	Dark	53.500	13	87Alp Tau	0.86700	3800.0	107	49213	No
46	GOM_NL__2PRFIN20110729_033817_00000433105_00061_49213_3006.N1	29-JUL-2011 03:38:17	Dark	43.000	27	24Gam Ori	1.6360	26000.	86	49213	No
47	GOM_NL__2PRFIN20110729_034654_00000553105_00061_49213_3007.N1	29-JUL-2011 03:46:54	Dark	54.500	165	34Gam Eri	2.9500	3200.0	109	49213	No
48	GOM_NL__2PRFIN20110729_035617_00000463105_00061_49213_3008.N1	29-JUL-2011 03:56:17	Dark	45.500	157	The1Eri	2.9060	9300.0	91	49213	No
49	GOM_NL__2PRFIN20110729_040155_00000443105_00062_49214_3001.N1	29-JUL-2011 04:01:55	Dark	43.500	9	Alp Eri	0.45300	24000.	87	49214	No
50	GOM_NL__2PRFIN20110729_040628_00000563105_00062_49214_3002.N1	29-JUL-2011 04:06:28	Straylight	56.000	84	Alp Phe	2.3970	4500.0	112	49214	No
51	GOM_NL__2PRFIN20110729_041210_00000453105_00062_49214_3003.N1	29-JUL-2011 04:12:10	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	49214	No
52	GOM_NL__2PRFIN20110729_041518_00000463105_00062_49214_3004.N1	29-JUL-2011 04:15:18	Straylight	46.000	172	Gam Gru	3.0030	13100.	92	49214	No
53	GOM_NL__2PRFIN20110729_043123_00000413105_00062_49214_3005.N1	29-JUL-2011 04:31:23	Bright	41.000	11	53Alp Aql	0.76500	8000.0	82	49214	No
54	GOM_NL__2PRFIN20110729_044014_00000463105_00062_49214_3006.N1	29-JUL-2011 04:40:14	Bright	46.000	92	53Eps Cyg	2.5000	4500.0	92	49214	No
55	GOM_NL__2PRFIN20110729_044840_00000413105_00062_49214_3007.N1	29-JUL-2011 04:48:40	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	49214	No
56	GOM_NL__2PRFIN20110729_050321_00000683105_00062_49214_3008.N1	29-JUL-2011 05:03:21	Bright	68.000	160	23Gam Per	2.9300	4700.0	136	49214	No
57	GOM_NL__2PRFIN20110729_050458_00000493105_00062_49214_3009.N1	29-JUL-2011 05:04:58	Bright	49.000	35	33Alp Per	1.7950	6250.0	98	49214	No
58	GOM_NL__2PRFIN20110729_050653_00000403105_00062_49214_3010.N1	29-JUL-2011 05:06:53	Bright	40.000	6	13Alp Aur	0.080000	3400.0	80	49214	No
59	GOM_NL__2PRFIN20110729_050848_00000503105_00062_49214_3011.N1	29-JUL-2011 05:08:48	Bright	50.000	149	45Eps Per	2.8880	30000.	100	49214	No
60	GOM_NL__2PRFIN20110729_051147_00000523105_00062_49214_3012.N1	29-JUL-2011 05:11:47	Twilight	52.000	150	44Zet Per	2.8900	28000.	104	49214	No
61	GOM_NL__2PRFIN20110729_051405_00000383105_00062_49214_3013.N1	29-JUL-2011 05:14:05	Twilight	38.000	176	23Zet Tau	3.0200	22000.	76	49214	No
62	GOM_NL__2PRFIN20110729_051629_00000473105_00062_49214_3014.N1	29-JUL-2011 05:16:29	Dark	46.500	13	87Alp Tau	0.86700	3800.0	93	49214	No
63	GOM_NL__2PRFIN20110729_051831_00000403105_00062_49214_3015.N1	29-JUL-2011 05:18:31	Dark	39.500	27	24Gam Ori	1.6360	26000.	79	49214	No
64	GOM_NL__2PRFIN20110729_052709_00000543105_00062_49214_3016.N1	29-JUL-2011 05:27:09	Dark	53.500	165	34Gam Eri	2.9500	3200.0	107	49214	No
65	GOM_NL__2PRFIN20110729_053632_00000463105_00062_49214_3017.N1	29-JUL-2011 05:36:32	Dark	46.000	157	The1Eri	2.9060	9300.0	92	49214	No
66	GOM_NL__2PRFIN20110729_054210_00000443105_00063_49215_3016.N1	29-JUL-2011 05:42:10	Dark	43.500	9	Alp Eri	0.45300	24000.	87	49215	No
67	GOM_NL__2PRFIN20110729_054643_00000553105_00063_49215_3017.N1	29-JUL-2011 05:46:43	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	49215	No
68	GOM_NL__2PRFIN20110729_055224_00000443105_00063_49215_3018.N1	29-JUL-2011 05:52:24	Straylight	44.000	31	Alp Gru	1.7340	15200.	88	49215	No
69	GOM_NL__2PRFIN20110729_055533_00000453105_00063_49215_3019.N1	29-JUL-2011 05:55:33	Straylight	45.000	172	Gam Gru	3.0030	13100.	90	49215	No
70	GOM_NL__2PRFIN20110729_061137_00000403105_00063_49215_3020.N1	29-JUL-2011 06:11:37	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	49215	No
71	GOM_NL__2PRFIN20110729_062027_00000463105_00063_49215_3021.N1	29-JUL-2011 06:20:27	Bright	45.500	92	53Eps Cyg	2.5000	4500.0	91	49215	No
72	GOM_NL__2PRFIN20110729_062854_00000403105_00063_49215_3022.N1	29-JUL-2011 06:28:54	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	49215	No
73	GOM_NL__2PRFIN20110729_064335_00000483105_00063_49215_3023.N1	29-JUL-2011 06:43:35	Bright	47.500	160	23Gam Per	2.9300	4700.0	95	49215	No
74	GOM_NL__2PRFIN20110729_064512_00000473105_00063_49215_3024.N1	29-JUL-2011 06:45:12	Bright	47.000	35	33Alp Per	1.7950	6250.0	94	49215	No
75	GOM_NL__2PRFIN20110729_064707_00000433105_00063_49215_3025.N1	29-JUL-2011 06:47:07	Bright	42.500	6	13Alp Aur	0.080000	3400.0	85	49215	No
76	GOM_NL__2PRFIN20110729_064902_00000433105_00063_49215_3026.N1	29-JUL-2011 06:49:02	Bright	42.500	149	45Eps Per	2.8880	30000.	85	49215	No
77	GOM_NL__2PRFIN20110729_065202_00000543105_00063_49215_3027.N1	29-JUL-2011 06:52:02	Twilight	53.500	150	44Zet Per	2.8900	28000.	107	49215	No
78	GOM_NL__2PRFIN20110729_065419_00000393105_00063_49215_3028.N1	29-JUL-2011 06:54:19	Twilight	39.000	176	23Zet Tau	3.0200	22000.	78	49215	No
79	GOM_NL__2PRFIN20110729_065644_00000473105_00063_49215_3029.N1	29-JUL-2011 06:56:44	Dark	47.000	13	87Alp Tau	0.86700	3800.0	94	49215	No
80	GOM_NL__2PRFIN20110729_065846_00000393105_00063_49215_3030.N1	29-JUL-2011 06:58:46	Dark	38.500	27	24Gam Ori	1.6360	26000.	77	49215	No
81	GOM_NL__2PRFIN20110729_070724_00000533105_00063_49215_3031.N1	29-JUL-2011 07:07:24	Dark	53.000	165	34Gam Eri	2.9500	3200.0	106	49215	No
82	GOM_NL__2PRFIN20110729_071647_00000443105_00063_49215_3032.N1	29-JUL-2011 07:16:47	Dark	44.000	157	The1Eri	2.9060	9300.0	88	49215	No
83	GOM_NL__2PRFIN20110729_072224_00000553105_00064_49216_3035.N1	29-JUL-2011 07:22:24	Dark	54.500	9	Alp Eri	0.45300	24000.	109	49216	No
84	GOM_NL__2PRFIN20110729_072658_00000553105_00064_49216_3036.N1	29-JUL-2011 07:26:58	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	49216	No
85	GOM_NL__2PRFIN20110729_073239_00000483105_00064_49216_3037.N1	29-JUL-2011 07:32:39	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	49216	No
86	GOM_NL__2PRFIN20110729_073548_00000483105_00064_49216_3038.N1	29-JUL-2011 07:35:48	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	49216	No
87	GOM_NL__2PRFIN20110729_075151_00000403105_00064_49216_3039.N1	29-JUL-2011 07:51:51	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	49216	No
88	GOM_NL__2PRFIN20110729_080041_00000433105_00064_49216_3040.N1	29-JUL-2011 08:00:41	Bright	43.000	92	53Eps Cyg	2.5000	4500.0	86	49216	No
89	GOM_NL__2PRFIN20110729_080228_00000383105_00064_49216_3041.N1	29-JUL-2011 08:02:28	Bright	38.000	144	18Del Cyg	2.8600	11000.	76	49216	No
90	GOM_NL__2PRFIN20110729_080907_00000413105_00064_49216_3042.N1	29-JUL-2011 08:09:07	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	49216	No
91	GOM_NL__2PRFIN20110729_082349_00000463105_00064_49216_3043.N1	29-JUL-2011 08:23:49	Bright	46.000	160	23Gam Per	2.9300	4700.0	92	49216	No
92	GOM_NL__2PRFIN20110729_082525_00000573105_00064_49216_3044.N1	29-JUL-2011 08:25:25	Bright	56.500	35	33Alp Per	1.7950	6250.0	113	49216	No
93	GOM_NL__2PRFIN20110729_082721_00000433105_00064_49216_3045.N1	29-JUL-2011 08:27:21	Bright	42.500	6	13Alp Aur	0.080000	3400.0	85	49216	No
94	GOM_NL__2PRFIN20110729_082916_00000453105_00064_49216_3046.N1	29-JUL-2011 08:29:16	Bright	44.500	149	45Eps Per	2.8880	30000.	89	49216	No
95	GOM_NL__2PRFIN20110729_083216_00000533105_00064_49216_3047.N1	29-JUL-2011 08:32:16	Twilight	52.500	150	44Zet Per	2.8900	28000.	105	49216	No
96	GOM_NL__2PRFIN20110729_083433_00000403105_00064_49216_3048.N1	29-JUL-2011 08:34:33	Twilight	39.500	176	23Zet Tau	3.0200	22000.	79	49216	No
97	GOM_NL__2PRFIN20110729_083658_00000443105_00064_49216_3049.N1	29-JUL-2011 08:36:58	Dark	44.000	13	87Alp Tau	0.86700	3800.0	88	49216	No
98	GOM_NL__2PRFIN20110729_083900_00000373105_00064_49216_3050.N1	29-JUL-2011 08:39:00	Dark	37.000	27	24Gam Ori	1.6360	26000.	74	49216	No
99	GOM_NL__2PRFIN20110729_084739_00000543105_00064_49216_3051.N1	29-JUL-2011 08:47:39	Dark	54.000	165	34Gam Eri	2.9500	3200.0	108	49216	No
100	GOM_NL__2PRFIN20110729_085702_00000443105_00064_49216_3052.N1	29-JUL-2011 08:57:02	Dark	44.000	157	The1Eri	2.9060	9300.0	88	49216	No
101	GOM_NL__2PRFIN20110729_090239_00000443105_00065_49217_3065.N1	29-JUL-2011 09:02:39	Dark	43.500	9	Alp Eri	0.45300	24000.	87	49217	No

102	GOM_NL__2PRFIN20110729_090713_000000553105_00065_49217_3066.N1	29-JUL-2011 09:07:13	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	49217	No
103	GOM_NL__2PRFIN20110729_091253_000000483105_00065_49217_3067.N1	29-JUL-2011 09:12:53	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	49217	No
104	GOM_NL__2PRFIN20110729_091602_000000473105_00065_49217_3068.N1	29-JUL-2011 09:16:02	Straylight	46.500	172	Gam Gru	3.0030	13100.	93	49217	No
105	GOM_NL__2PRFIN20110729_093205_000000393105_00065_49217_3069.N1	29-JUL-2011 09:32:05	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	49217	No
106	GOM_NL__2PRFIN20110729_094054_000000473105_00065_49217_3070.N1	29-JUL-2011 09:40:54	Bright	46.500	92	53Eps Cyg	2.5000	4500.0	93	49217	No
107	GOM_NL__2PRFIN20110729_094241_000000383105_00065_49217_3071.N1	29-JUL-2011 09:42:41	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	49217	No
108	GOM_NL__2PRFIN20110729_094921_000000403105_00065_49217_3072.N1	29-JUL-2011 09:49:21	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	49217	No
109	GOM_NL__2PRFIN20110729_100402_000000603105_00065_49217_3073.N1	29-JUL-2011 10:04:02	Bright	59.500	160	23Gam Per	2.9300	4700.0	119	49217	No
110	GOM_NL__2PRFIN20110729_100539_000000493105_00065_49217_3074.N1	29-JUL-2011 10:05:39	Bright	49.000	35	33Alp Per	1.7950	6250.0	98	49217	No
111	GOM_NL__2PRFIN20110729_100735_000000403105_00065_49217_3075.N1	29-JUL-2011 10:07:35	Bright	40.000	6	13Alp Aur	0.080000	3400.0	80	49217	No
112	GOM_NL__2PRFIN20110729_100930_000000463105_00065_49217_3076.N1	29-JUL-2011 10:09:30	Bright	46.000	149	45Eps Per	2.8880	30000.	92	49217	No
113	GOM_NL__2PRFIN20110729_101230_000000553105_00065_49217_3077.N1	29-JUL-2011 10:12:30	Tw_i_and_stray	55.000	150	44Zet Per	2.8900	28000.	110	49217	No
114	GOM_NL__2PRFIN20110729_101447_000000373105_00065_49217_3078.N1	29-JUL-2011 10:14:47	Tw_i_and_stray	37.000	176	23Zet Tau	3.0200	22000.	74	49217	No
115	GOM_NL__2PRFIN20110729_101712_000000613105_00065_49217_3079.N1	29-JUL-2011 10:17:12	Dark	60.500	13	87Alp Tau	0.86700	3800.0	121	49217	No
116	GOM_NL__2PRFIN20110729_101914_000000373105_00065_49217_3080.N1	29-JUL-2011 10:19:14	Dark	37.000	27	24Gam Ori	1.6360	26000.	74	49217	No
117	GOM_NL__2PRFIN20110729_102754_000000533105_00065_49217_3081.N1	29-JUL-2011 10:27:54	Dark	53.000	165	34Gam Eri	2.9500	3200.0	106	49217	No
118	GOM_NL__2PRFIN20110729_103717_000000453105_00065_49217_3082.N1	29-JUL-2011 10:37:17	Dark	45.000	157	The1Eri	2.9060	9300.0	90	49217	No
119	GOM_NL__2PRFIN20110729_104254_000000483105_00066_49218_3101.N1	29-JUL-2011 10:42:54	Dark	48.000	9	Alp Eri	0.45300	24000.	96	49218	No
120	GOM_NL__2PRFIN20110729_104728_000000563105_00066_49218_3102.N1	29-JUL-2011 10:47:28	Straylight	56.000	84	Alp Phe	2.3970	4500.0	112	49218	No
121	GOM_NL__2PRFIN20110729_105308_000000463105_00066_49218_3103.N1	29-JUL-2011 10:53:08	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	49218	No
122	GOM_NL__2PRFIN20110729_105616_000000473105_00066_49218_3104.N1	29-JUL-2011 10:56:16	Straylight	46.500	172	Gam Gru	3.0030	13100.	93	49218	No
123	GOM_NL__2PRFIN20110729_111219_000000393105_00066_49218_3105.N1	29-JUL-2011 11:12:19	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	49218	No
124	GOM_NL__2PRFIN20110729_112107_000000463105_00066_49218_3106.N1	29-JUL-2011 11:21:07	Bright	46.000	92	53Eps Cyg	2.5000	4500.0	92	49218	No
125	GOM_NL__2PRFIN20110729_112255_000000383105_00066_49218_3107.N1	29-JUL-2011 11:22:55	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	49218	No
126	GOM_NL__2PRFIN20110729_112934_000000413105_00066_49218_3108.N1	29-JUL-2011 11:29:34	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	49218	No
127	GOM_NL__2PRFIN20110729_114416_000000683105_00066_49218_3109.N1	29-JUL-2011 11:44:16	Bright	68.000	160	23Gam Per	2.9300	4700.0	136	49218	No
128	GOM_NL__2PRFIN20110729_114553_000000463105_00066_49218_3110.N1	29-JUL-2011 11:45:53	Bright	46.000	35	33Alp Per	1.7950	6250.0	92	49218	No
129	GOM_NL__2PRFIN20110729_114749_000000443105_00066_49218_3111.N1	29-JUL-2011 11:47:49	Bright	43.500	6	13Alp Aur	0.080000	3400.0	87	49218	No
130	GOM_NL__2PRFIN20110729_114943_000000453105_00066_49218_3112.N1	29-JUL-2011 11:49:43	Bright	44.500	149	45Eps Per	2.8880	30000.	89	49218	No
131	GOM_NL__2PRFIN20110729_115244_000000513105_00066_49218_3113.N1	29-JUL-2011 11:52:44	Tw_i_and_stray	51.000	150	44Zet Per	2.8900	28000.	102	49218	No
132	GOM_NL__2PRFIN20110729_115502_000000373105_00066_49218_3114.N1	29-JUL-2011 11:55:02	Tw_i_and_stray	36.500	176	23Zet Tau	3.0200	22000.	73	49218	No
133	GOM_NL__2PRFIN20110729_115726_000000543105_00066_49218_3115.N1	29-JUL-2011 11:57:26	Dark	54.000	13	87Alp Tau	0.86700	3800.0	108	49218	No
134	GOM_NL__2PRFIN20110729_115928_000000443105_00066_49218_3116.N1	29-JUL-2011 11:59:28	Dark	43.500	27	24Gam Ori	1.6360	26000.	87	49218	No
135	GOM_NL__2PRFIN20110729_120809_000000493105_00066_49218_3117.N1	29-JUL-2011 12:08:09	Dark	49.000	165	34Gam Eri	2.9500	3200.0	98	49218	No
136	GOM_NL__2PRFIN20110729_121732_000000453105_00066_49218_3118.N1	29-JUL-2011 12:17:32	Dark	45.000	157	The1Eri	2.9060	9300.0	90	49218	No
137	GOM_NL__2PRFIN20110729_122308_000000463105_00067_49219_3136.N1	29-JUL-2011 12:23:08	Dark	46.000	9	Alp Eri	0.45300	24000.	92	49219	No
138	GOM_NL__2PRFIN20110729_122743_000000563105_00067_49219_3137.N1	29-JUL-2011 12:27:43	Straylight	56.000	84	Alp Phe	2.3970	4500.0	112	49219	No
139	GOM_NL__2PRFIN20110729_123322_000000453105_00067_49219_3138.N1	29-JUL-2011 12:33:22	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	49219	No
140	GOM_NL__2PRFIN20110729_123631_000000463105_00067_49219_3139.N1	29-JUL-2011 12:36:31	Straylight	45.500	172	Gam Gru	3.0030	13100.	91	49219	No
141	GOM_NL__2PRFIN20110729_125232_000000383105_00067_49219_3140.N1	29-JUL-2011 12:52:32	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	49219	No
142	GOM_NL__2PRFIN20110729_130121_000000463105_00067_49219_3141.N1	29-JUL-2011 13:01:21	Bright	45.500	92	53Eps Cyg	2.5000	4500.0	91	49219	No
143	GOM_NL__2PRFIN20110729_130309_000000373105_00067_49219_3142.N1	29-JUL-2011 13:03:09	Bright	36.500	144	18Del Cyg	2.8600	11000.	73	49219	No
144	GOM_NL__2PRFIN20110729_130948_000000403105_00067_49219_3143.N1	29-JUL-2011 13:09:48	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	49219	No
145	GOM_NL__2PRFIN20110729_132429_000000463105_00067_49219_3144.N1	29-JUL-2011 13:24:29	Bright	45.500	160	23Gam Per	2.9300	4700.0	91	49219	No
146	GOM_NL__2PRFIN20110729_132606_000000493105_00067_49219_3145.N1	29-JUL-2011 13:26:06	Bright	48.500	35	33Alp Per	1.7950	6250.0	97	49219	No
147	GOM_NL__2PRFIN20110729_132803_000000423105_00067_49219_3146.N1	29-JUL-2011 13:28:03	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	49219	No
148	GOM_NL__2PRFIN20110729_132957_000000663105_00067_49219_3147.N1	29-JUL-2011 13:29:57	Bright	66.000	149	45Eps Per	2.8880	30000.	132	49219	No
149	GOM_NL__2PRFIN20110729_133258_000000513105_00067_49219_3148.N1	29-JUL-2011 13:32:58	Tw_i_and_stray	51.000	150	44Zet Per	2.8900	28000.	102	49219	No
150	GOM_NL__2PRFIN20110729_133516_000000423105_00067_49219_3149.N1	29-JUL-2011 13:35:16	Tw_i_and_stray	41.500	176	23Zet Tau	3.0200	22000.	83	49219	No
151	GOM_NL__2PRFIN20110729_133741_000000533105_00067_49219_3150.N1	29-JUL-2011 13:37:41	Dark	52.500	13	87Alp Tau	0.86700	3800.0	105	49219	No
152	GOM_NL__2PRFIN20110729_133943_000000443105_00067_49219_3151.N1	29-JUL-2011 13:39:43	Dark	44.000	27	24Gam Ori	1.6360	26000.	88	49219	No
153	GOM_NL__2PRFIN20110729_134824_000000543105_00067_49219_3152.N1	29-JUL-2011 13:48:24	Dark	53.500	165	34Gam Eri	2.9500	3200.0	107	49219	No
154	GOM_NL__2PRFIN20110729_135747_000000453105_00067_49219_3153.N1	29-JUL-2011 13:57:47	Dark	44.500	157	The1Eri	2.9060	9300.0	89	49219	No
155	GOM_NL__2PRFIN20110729_140323_000000443105_00068_49220_3335.N1	29-JUL-2011 14:03:23	Dark	44.000	9	Alp Eri	0.45300	24000.	88	49220	No
156	GOM_NL__2PRFIN20110729_140758_000000553105_00068_49220_3336.N1	29-JUL-2011 14:07:58	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	49220	No
157	GOM_NL__2PRFIN20110729_141337_000000473105_00068_49220_3337.N1	29-JUL-2011 14:13:37	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	49220	No
158	GOM_NL__2PRFIN20110729_141645_000000453105_00068_49220_3338.N1	29-JUL-2011 14:16:45	Straylight	45.000	172	Gam Gru	3.0030	13100.	90	49220	No
159	GOM_NL__2PRFIN20110729_143246_000000403105_00068_49220_3339.N1	29-JUL-2011 14:32:46	Bright	40.000	11	53Alp Aql	0.76500	8000.0	80	49220	No
160	GOM_NL__2PRFIN20110729_144134_000000433105_00068_49220_3340.N1	29-JUL-2011 14:41:34	Bright	43.000	92	53Eps Cyg	2.5000	4500.0	86	49220	No

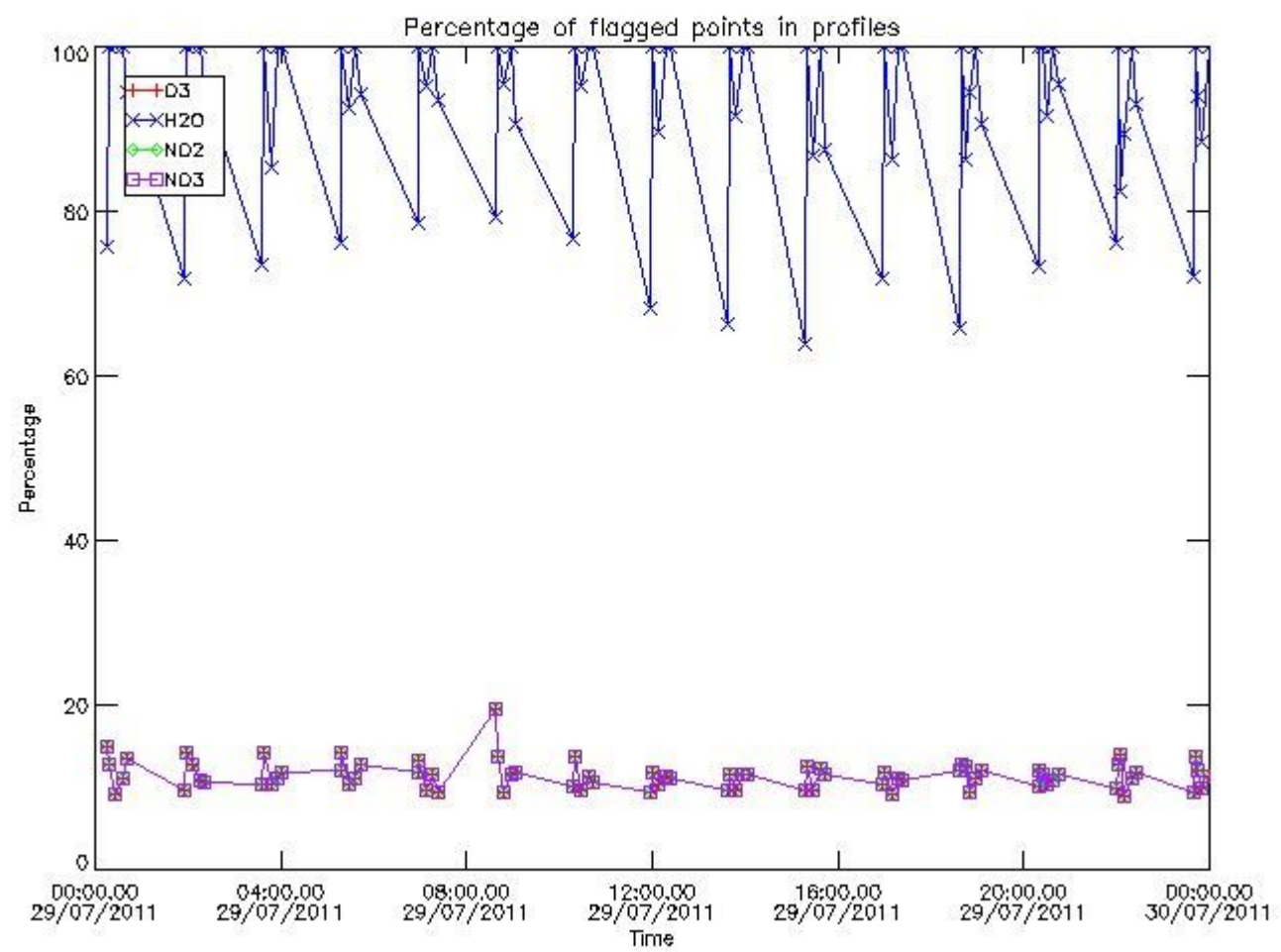
161	GOM_NL__2PRFIN20110729_144322_000000363105_00068_49220_3341.N1	29-JUL-2011 14:43:22	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	49220	No
162	GOM_NL__2PRFIN20110729_145001_000000423105_00068_49220_3342.N1	29-JUL-2011 14:50:01	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	49220	No
163	GOM_NL__2PRFIN20110729_150443_000000693105_00068_49220_3343.N1	29-JUL-2011 15:04:43	Bright	69.000	160	23Gam Per	2.9300	4700.0	138	49220	No
164	GOM_NL__2PRFIN20110729_150620_000000483105_00068_49220_3344.N1	29-JUL-2011 15:06:20	Bright	47.500	35	33Alp Per	1.7950	6250.0	95	49220	No
165	GOM_NL__2PRFIN20110729_150817_000000403105_00068_49220_3345.N1	29-JUL-2011 15:08:17	Bright	40.000	6	13Alp Aur	0.080000	3400.0	80	49220	No
166	GOM_NL__2PRFIN20110729_151011_000000423105_00068_49220_3346.N1	29-JUL-2011 15:10:11	Bright	42.000	149	45Eps Per	2.8880	30000.	84	49220	No
167	GOM_NL__2PRFIN20110729_151312_000000543105_00068_49220_3347.N1	29-JUL-2011 15:13:12	Tw_i_and_stray	54.000	150	44Zet Per	2.8900	28000.	108	49220	No
168	GOM_NL__2PRFIN20110729_151530_000000423105_00068_49220_3348.N1	29-JUL-2011 15:15:30	Tw_i_and_stray	41.500	176	23Zet Tau	3.0200	22000.	83	49220	No
169	GOM_NL__2PRFIN20110729_151755_000000533105_00068_49220_3349.N1	29-JUL-2011 15:17:55	Dark	53.000	13	87Alp Tau	0.86700	3800.0	106	49220	No
170	GOM_NL__2PRFIN20110729_151957_000000453105_00068_49220_3350.N1	29-JUL-2011 15:19:57	Dark	44.500	27	24Gam Ori	1.6360	26000.	89	49220	No
171	GOM_NL__2PRFIN20110729_152839_000000543105_00068_49220_3351.N1	29-JUL-2011 15:28:39	Dark	53.500	165	34Gam Eri	2.9500	3200.0	107	49220	No
172	GOM_NL__2PRFIN20110729_153802_000000463105_00068_49220_3352.N1	29-JUL-2011 15:38:02	Dark	46.000	157	The1Eri	2.9060	9300.0	92	49220	No
173	GOM_NL__2PRFIN20110729_154338_000000453105_00069_49221_3335.N1	29-JUL-2011 15:43:38	Dark	44.500	9	Alp Eri	0.45300	24000.	89	49221	No
174	GOM_NL__2PRFIN20110729_154813_000000553105_00069_49221_3336.N1	29-JUL-2011 15:48:13	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	49221	No
175	GOM_NL__2PRFIN20110729_155351_000000433105_00069_49221_3337.N1	29-JUL-2011 15:53:51	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	49221	No
176	GOM_NL__2PRFIN20110729_155700_000000463105_00069_49221_3338.N1	29-JUL-2011 15:57:00	Straylight	45.500	172	Gam Gru	3.0030	13100.	91	49221	No
177	GOM_NL__2PRFIN20110729_161300_000000413105_00069_49221_3339.N1	29-JUL-2011 16:13:00	Bright	40.500	11	53Alp Aql	0.76500	8000.0	81	49221	No
178	GOM_NL__2PRFIN20110729_162148_000000463105_00069_49221_3340.N1	29-JUL-2011 16:21:48	Bright	45.500	92	53Eps Cyg	2.5000	4500.0	91	49221	No
179	GOM_NL__2PRFIN20110729_162336_000000393105_00069_49221_3341.N1	29-JUL-2011 16:23:36	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	49221	No
180	GOM_NL__2PRFIN20110729_163015_000000423105_00069_49221_3342.N1	29-JUL-2011 16:30:15	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	49221	No
181	GOM_NL__2PRFIN20110729_164457_000000453105_00069_49221_3343.N1	29-JUL-2011 16:44:57	Bright	45.000	160	23Gam Per	2.9300	4700.0	90	49221	No
182	GOM_NL__2PRFIN20110729_164634_000000463105_00069_49221_3344.N1	29-JUL-2011 16:46:34	Bright	45.500	35	33Alp Per	1.7950	6250.0	91	49221	No
183	GOM_NL__2PRFIN20110729_164831_000000433105_00069_49221_3345.N1	29-JUL-2011 16:48:31	Bright	42.500	6	13Alp Aur	0.080000	3400.0	85	49221	No
184	GOM_NL__2PRFIN20110729_165025_000000663105_00069_49221_3346.N1	29-JUL-2011 16:50:25	Bright	66.000	149	45Eps Per	2.8880	30000.	132	49221	No
185	GOM_NL__2PRFIN20110729_165326_000000543105_00069_49221_3347.N1	29-JUL-2011 16:53:26	Tw_i_and_stray	53.500	150	44Zet Per	2.8900	28000.	107	49221	No
186	GOM_NL__2PRFIN20110729_165544_000000413105_00069_49221_3348.N1	29-JUL-2011 16:55:44	Tw_i_and_stray	40.500	176	23Zet Tau	3.0200	22000.	81	49221	No
187	GOM_NL__2PRFIN20110729_165809_000000543105_00069_49221_3349.N1	29-JUL-2011 16:58:09	Dark	53.500	13	87Alp Tau	0.86700	3800.0	107	49221	No
188	GOM_NL__2PRFIN20110729_170011_000000443105_00069_49221_3350.N1	29-JUL-2011 17:00:11	Dark	43.500	27	24Gam Ori	1.6360	26000.	87	49221	No
189	GOM_NL__2PRFIN20110729_170853_000000553105_00069_49221_3351.N1	29-JUL-2011 17:08:53	Dark	55.000	165	34Gam Eri	2.9500	3200.0	110	49221	No
190	GOM_NL__2PRFIN20110729_171816_000000463105_00069_49221_3352.N1	29-JUL-2011 17:18:16	Dark	46.000	157	The1Eri	2.9060	9300.0	92	49221	No
191	GOM_NL__2PRFIN20110729_172352_000000473105_00070_49222_3336.N1	29-JUL-2011 17:23:52	Dark	46.500	9	Alp Eri	0.45300	24000.	93	49222	No
192	GOM_NL__2PRFIN20110729_172828_000000593105_00070_49222_3337.N1	29-JUL-2011 17:28:28	Straylight	59.000	84	Alp Phe	2.3970	4500.0	118	49222	No
193	GOM_NL__2PRFIN20110729_173406_000000433105_00070_49222_3338.N1	29-JUL-2011 17:34:06	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	49222	No
194	GOM_NL__2PRFIN20110729_173714_000000473105_00070_49222_3339.N1	29-JUL-2011 17:37:14	Straylight	47.000	172	Gam Gru	3.0030	13100.	94	49222	No
195	GOM_NL__2PRFIN20110729_175314_000000393105_00070_49222_3340.N1	29-JUL-2011 17:53:14	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	49222	No
196	GOM_NL__2PRFIN20110729_180201_000000463105_00070_49222_3341.N1	29-JUL-2011 18:02:01	Bright	46.000	92	53Eps Cyg	2.5000	4500.0	92	49222	No
197	GOM_NL__2PRFIN20110729_180350_000000383105_00070_49222_3342.N1	29-JUL-2011 18:03:50	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	49222	No
198	GOM_NL__2PRFIN20110729_181028_000000423105_00070_49222_3343.N1	29-JUL-2011 18:10:28	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	49222	No
199	GOM_NL__2PRFIN20110729_182510_000000693105_00070_49222_3344.N1	29-JUL-2011 18:25:10	Bright	69.000	160	23Gam Per	2.9300	4700.0	138	49222	No
200	GOM_NL__2PRFIN20110729_182648_000000493105_00070_49222_3345.N1	29-JUL-2011 18:26:48	Bright	49.000	35	33Alp Per	1.7950	6250.0	98	49222	No
201	GOM_NL__2PRFIN20110729_182845_000000433105_00070_49222_3346.N1	29-JUL-2011 18:28:45	Bright	42.500	6	13Alp Aur	0.080000	3400.0	85	49222	No
202	GOM_NL__2PRFIN20110729_183039_000000493105_00070_49222_3347.N1	29-JUL-2011 18:30:39	Bright	48.500	149	45Eps Per	2.8880	30000.	97	49222	No
203	GOM_NL__2PRFIN20110729_183340_000000533105_00070_49222_3348.N1	29-JUL-2011 18:33:40	Tw_i_and_stray	52.500	150	44Zet Per	2.8900	28000.	105	49222	No
204	GOM_NL__2PRFIN20110729_183558_000000403105_00070_49222_3349.N1	29-JUL-2011 18:35:58	Tw_i_and_stray	40.000	176	23Zet Tau	3.0200	22000.	80	49222	No
205	GOM_NL__2PRFIN20110729_183824_000000553105_00070_49222_3350.N1	29-JUL-2011 18:38:24	Dark	54.500	13	87Alp Tau	0.86700	3800.0	109	49222	No
206	GOM_NL__2PRFIN20110729_184026_000000443105_00070_49222_3351.N1	29-JUL-2011 18:40:26	Dark	44.000	27	24Gam Ori	1.6360	26000.	88	49222	No
207	GOM_NL__2PRFIN20110729_184446_000000413105_00070_49222_3352.N1	29-JUL-2011 18:44:46	Dark	40.500	7	19Bet Ori	0.10000	14000.	81	49222	No
208	GOM_NL__2PRFIN20110729_184908_000000543105_00070_49222_3353.N1	29-JUL-2011 18:49:08	Dark	54.000	165	34Gam Eri	2.9500	3200.0	108	49222	No
209	GOM_NL__2PRFIN20110729_185832_000000463105_00070_49222_3354.N1	29-JUL-2011 18:58:32	Dark	45.500	157	The1Eri	2.9060	9300.0	91	49222	No
210	GOM_NL__2PRFIN20110729_190407_000000433105_00071_49223_3357.N1	29-JUL-2011 19:04:07	Dark	42.500	9	Alp Eri	0.45300	24000.	85	49223	No
211	GOM_NL__2PRFIN20110729_190843_000000543105_00071_49223_3358.N1	29-JUL-2011 19:08:43	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	49223	No
212	GOM_NL__2PRFIN20110729_191420_000000453105_00071_49223_3359.N1	29-JUL-2011 19:14:20	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	49223	No
213	GOM_NL__2PRFIN20110729_191729_000000473105_00071_49223_3360.N1	29-JUL-2011 19:17:29	Straylight	46.500	172	Gam Gru	3.0030	13100.	93	49223	No
214	GOM_NL__2PRFIN20110729_193328_000000393105_00071_49223_3361.N1	29-JUL-2011 19:33:28	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	49223	No
215	GOM_NL__2PRFIN20110729_194215_000000463105_00071_49223_3362.N1	29-JUL-2011 19:42:15	Bright	45.500	92	53Eps Cyg	2.5000	4500.0	91	49223	No
216	GOM_NL__2PRFIN20110729_194404_000000563105_00071_49223_3363.N1	29-JUL-2011 19:44:04	Bright	56.000	144	18Del Cyg	2.8600	11000.	112	49223	No
217	GOM_NL__2PRFIN20110729_195042_000000423105_00071_49223_3364.N1	29-JUL-2011 19:50:42	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	49223	No
218	GOM_NL__2PRFIN20110729_200524_000000563105_00071_49223_3365.N1	29-JUL-2011 20:05:24	Bright	55.500	160	23Gam Per	2.9300	4700.0	111	49223	No
219	GOM_NL__2PRFIN20110729_200701_000000493105_00071_49223_3366.N1	29-JUL-2011 20:07:01	Bright	48.500	35	33Alp Per	1.7950	6250.0	97	49223	No

220	GOM_NL__2PRFIN20110729_200859_000000423105_00071_49223_3367.N1	29-JUL-2011 20:08:59	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	49223	No
221	GOM_NL__2PRFIN20110729_201053_000000513105_00071_49223_3368.N1	29-JUL-2011 20:10:53	Bright	50.500	149	45Eps Per	2.8880	30000.	101	49223	No
222	GOM_NL__2PRFIN20110729_201355_000000543105_00071_49223_3369.N1	29-JUL-2011 20:13:55	Twi_and_stray	53.500	150	44Zet Per	2.8900	28000.	107	49223	No
223	GOM_NL__2PRFIN20110729_201613_000000423105_00071_49223_3370.N1	29-JUL-2011 20:16:13	Twi_and_stray	41.500	176	23Zet Tau	3.0200	22000.	83	49223	No
224	GOM_NL__2PRFIN20110729_201838_000000603105_00071_49223_3371.N1	29-JUL-2011 20:18:38	Dark	60.000	13	87Alp Tau	0.86700	3800.0	120	49223	No
225	GOM_NL__2PRFIN20110729_202040_000000433105_00071_49223_3372.N1	29-JUL-2011 20:20:40	Dark	42.500	27	24Gam Ori	1.6360	26000.	85	49223	No
226	GOM_NL__2PRFIN20110729_202500_000000453105_00071_49223_3373.N1	29-JUL-2011 20:25:00	Dark	44.500	7	19Bet Ori	0.10000	14000.	89	49223	No
227	GOM_NL__2PRFIN20110729_202923_000000553105_00071_49223_3374.N1	29-JUL-2011 20:29:23	Dark	54.500	165	34Gam Eri	2.9500	3200.0	109	49223	No
228	GOM_NL__2PRFIN20110729_203846_000000473105_00071_49223_3375.N1	29-JUL-2011 20:38:46	Dark	46.500	157	The1Eri	2.9060	9300.0	93	49223	No
229	GOM_NL__2PRFIN20110729_204422_000000453105_00072_49224_3427.N1	29-JUL-2011 20:44:22	Dark	44.500	9	Alp Eri	0.45300	24000.	89	49224	No
230	GOM_NL__2PRFIN20110729_204858_000000643105_00072_49224_3428.N1	29-JUL-2011 20:48:58	Straylight	64.000	84	Alp Phe	2.3970	4500.0	128	49224	No
231	GOM_NL__2PRFIN20110729_205435_000000433105_00072_49224_3429.N1	29-JUL-2011 20:54:35	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	49224	No
232	GOM_NL__2PRFIN20110729_205743_000000453105_00072_49224_3430.N1	29-JUL-2011 20:57:43	Straylight	45.000	172	Gam Gru	3.0030	13100.	90	49224	No
233	GOM_NL__2PRFIN20110729_211342_000000393105_00072_49224_3431.N1	29-JUL-2011 21:13:42	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	49224	No
234	GOM_NL__2PRFIN20110729_212228_000000453105_00072_49224_3432.N1	29-JUL-2011 21:22:28	Bright	45.000	92	53Eps Cyg	2.5000	4500.0	90	49224	No
235	GOM_NL__2PRFIN20110729_212418_000000393105_00072_49224_3433.N1	29-JUL-2011 21:24:18	Bright	38.500	144	18Del Cyg	2.8600	11000.	77	49224	No
236	GOM_NL__2PRFIN20110729_213056_000000603105_00072_49224_3434.N1	29-JUL-2011 21:30:56	Bright	60.000	89	5Alp Cep	2.4510	8000.0	120	49224	No
237	GOM_NL__2PRFIN20110729_214538_000000473105_00072_49224_3435.N1	29-JUL-2011 21:45:38	Bright	47.000	160	23Gam Per	2.9300	4700.0	94	49224	No
238	GOM_NL__2PRFIN20110729_214715_000000503105_00072_49224_3436.N1	29-JUL-2011 21:47:15	Bright	49.500	35	33Alp Per	1.7950	6250.0	99	49224	No
239	GOM_NL__2PRFIN20110729_214913_000000423105_00072_49224_3437.N1	29-JUL-2011 21:49:13	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	49224	No
240	GOM_NL__2PRFIN20110729_215107_000000443105_00072_49224_3438.N1	29-JUL-2011 21:51:07	Bright	43.500	149	45Eps Per	2.8880	30000.	87	49224	No
241	GOM_NL__2PRFIN20110729_215409_000000553105_00072_49224_3439.N1	29-JUL-2011 21:54:09	Twi_and_stray	55.000	150	44Zet Per	2.8900	28000.	110	49224	No
242	GOM_NL__2PRFIN20110729_215627_000000413105_00072_49224_3440.N1	29-JUL-2011 21:56:27	Twi_and_stray	40.500	176	23Zet Tau	3.0200	22000.	81	49224	No
243	GOM_NL__2PRFIN20110729_215853_000000513105_00072_49224_3441.N1	29-JUL-2011 21:58:53	Dark	51.000	13	87Alp Tau	0.86700	3800.0	102	49224	No
244	GOM_NL__2PRFIN20110729_220054_000000403105_00072_49224_3442.N1	29-JUL-2011 22:00:54	Dark	40.000	27	24Gam Ori	1.6360	26000.	80	49224	No
245	GOM_NL__2PRFIN20110729_220515_000000403105_00072_49224_3443.N1	29-JUL-2011 22:05:15	Dark	39.500	7	19Bet Ori	0.10000	14000.	79	49224	No
246	GOM_NL__2PRFIN20110729_220938_000000573105_00072_49224_3444.N1	29-JUL-2011 22:09:38	Dark	57.000	165	34Gam Eri	2.9500	3200.0	114	49224	No
247	GOM_NL__2PRFIN20110729_221901_000000463105_00072_49224_3445.N1	29-JUL-2011 22:19:01	Dark	46.000	157	The1Eri	2.9060	9300.0	92	49224	No
248	GOM_NL__2PRFIN20110729_222436_000000433105_00073_49225_3480.N1	29-JUL-2011 22:24:36	Dark	43.000	9	Alp Eri	0.45300	24000.	86	49225	No
249	GOM_NL__2PRFIN20110729_222913_000000583105_00073_49225_3481.N1	29-JUL-2011 22:29:13	Straylight	57.500	84	Alp Phe	2.3970	4500.0	115	49225	No
250	GOM_NL__2PRFIN20110729_223449_000000453105_00073_49225_3482.N1	29-JUL-2011 22:34:49	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	49225	No
251	GOM_NL__2PRFIN20110729_223758_000000483105_00073_49225_3483.N1	29-JUL-2011 22:37:58	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	49225	No
252	GOM_NL__2PRFIN20110729_225356_000000383105_00073_49225_3484.N1	29-JUL-2011 22:53:56	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	49225	No
253	GOM_NL__2PRFIN20110729_230241_000000453105_00073_49225_3485.N1	29-JUL-2011 23:02:41	Bright	44.500	92	53Eps Cyg	2.5000	4500.0	89	49225	No
254	GOM_NL__2PRFIN20110729_230431_000000363105_00073_49225_3486.N1	29-JUL-2011 23:04:31	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	49225	No
255	GOM_NL__2PRFIN20110729_231109_000000403105_00073_49225_3487.N1	29-JUL-2011 23:11:09	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	49225	No
256	GOM_NL__2PRFIN20110729_232551_000000483105_00073_49225_3488.N1	29-JUL-2011 23:25:51	Bright	47.500	160	23Gam Per	2.9300	4700.0	95	49225	No
257	GOM_NL__2PRFIN20110729_232729_000000483105_00073_49225_3489.N1	29-JUL-2011 23:27:29	Bright	48.000	35	33Alp Per	1.7950	6250.0	96	49225	No
258	GOM_NL__2PRFIN20110729_232927_000000423105_00073_49225_3490.N1	29-JUL-2011 23:29:27	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	49225	No
259	GOM_NL__2PRFIN20110729_233121_000000513105_00073_49225_3491.N1	29-JUL-2011 23:31:21	Bright	50.500	149	45Eps Per	2.8880	30000.	101	49225	No
260	GOM_NL__2PRFIN20110729_233423_000000503105_00073_49225_3492.N1	29-JUL-2011 23:34:23	Twi_and_stray	49.500	150	44Zet Per	2.8900	28000.	99	49225	No
261	GOM_NL__2PRFIN20110729_233641_000000413105_00073_49225_3493.N1	29-JUL-2011 23:36:41	Twi_and_stray	40.500	176	23Zet Tau	3.0200	22000.	81	49225	No
262	GOM_NL__2PRFIN20110729_233907_000000543105_00073_49225_3494.N1	29-JUL-2011 23:39:07	Dark	54.000	13	87Alp Tau	0.86700	3800.0	108	49225	No
263	GOM_NL__2PRFIN20110729_234108_000000413105_00073_49225_3495.N1	29-JUL-2011 23:41:08	Dark	41.000	27	24Gam Ori	1.6360	26000.	82	49225	No
264	GOM_NL__2PRFIN20110729_234529_000000423105_00073_49225_3496.N1	29-JUL-2011 23:45:29	Dark	42.000	7	19Bet Ori	0.10000	14000.	84	49225	No
265	GOM_NL__2PRFIN20110729_234953_000000523105_00073_49225_3497.N1	29-JUL-2011 23:49:53	Dark	52.000	165	34Gam Eri	2.9500	3200.0	104	49225	No
266	GOM_NL__2PRFIN20110729_235916_000000453105_00073_49225_3498.N1	29-JUL-2011 23:59:16	Dark	45.000	157	The1Eri	2.9060	9300.0	90	49225	No

3. Quality information per product

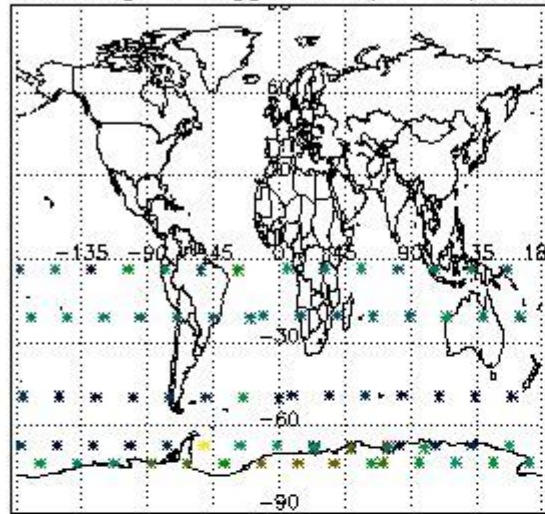
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

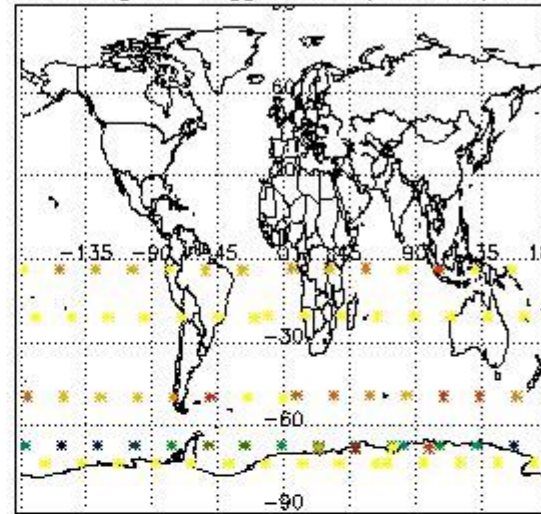


3.2 Plot quality information per product (world map)

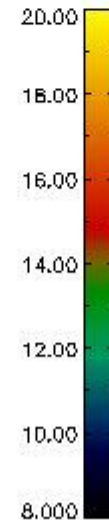
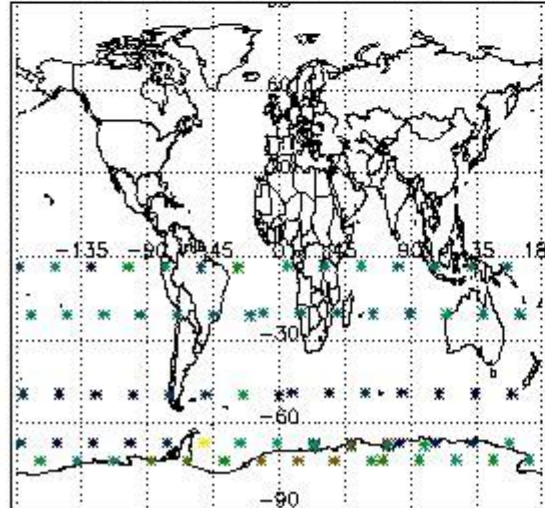
Percentage of flagged data per O3 profile



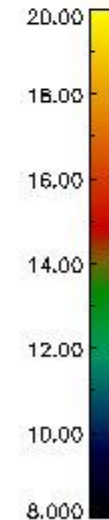
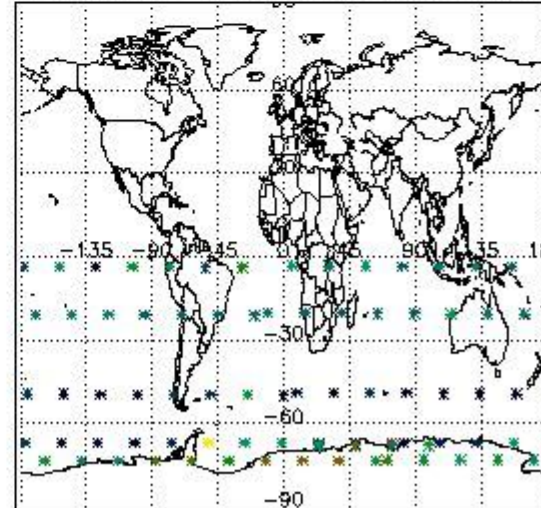
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

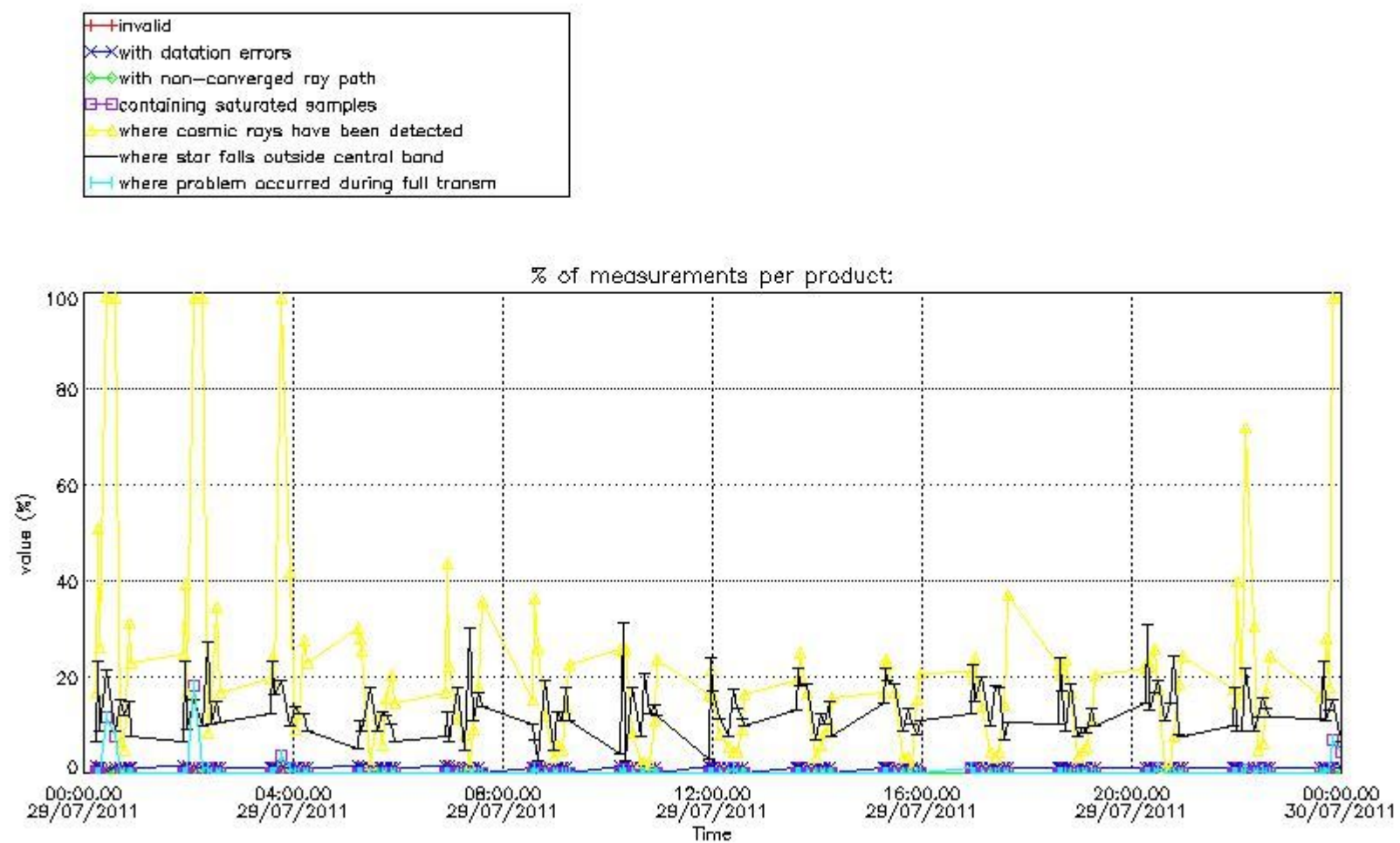


4. Level 1 quality information per product

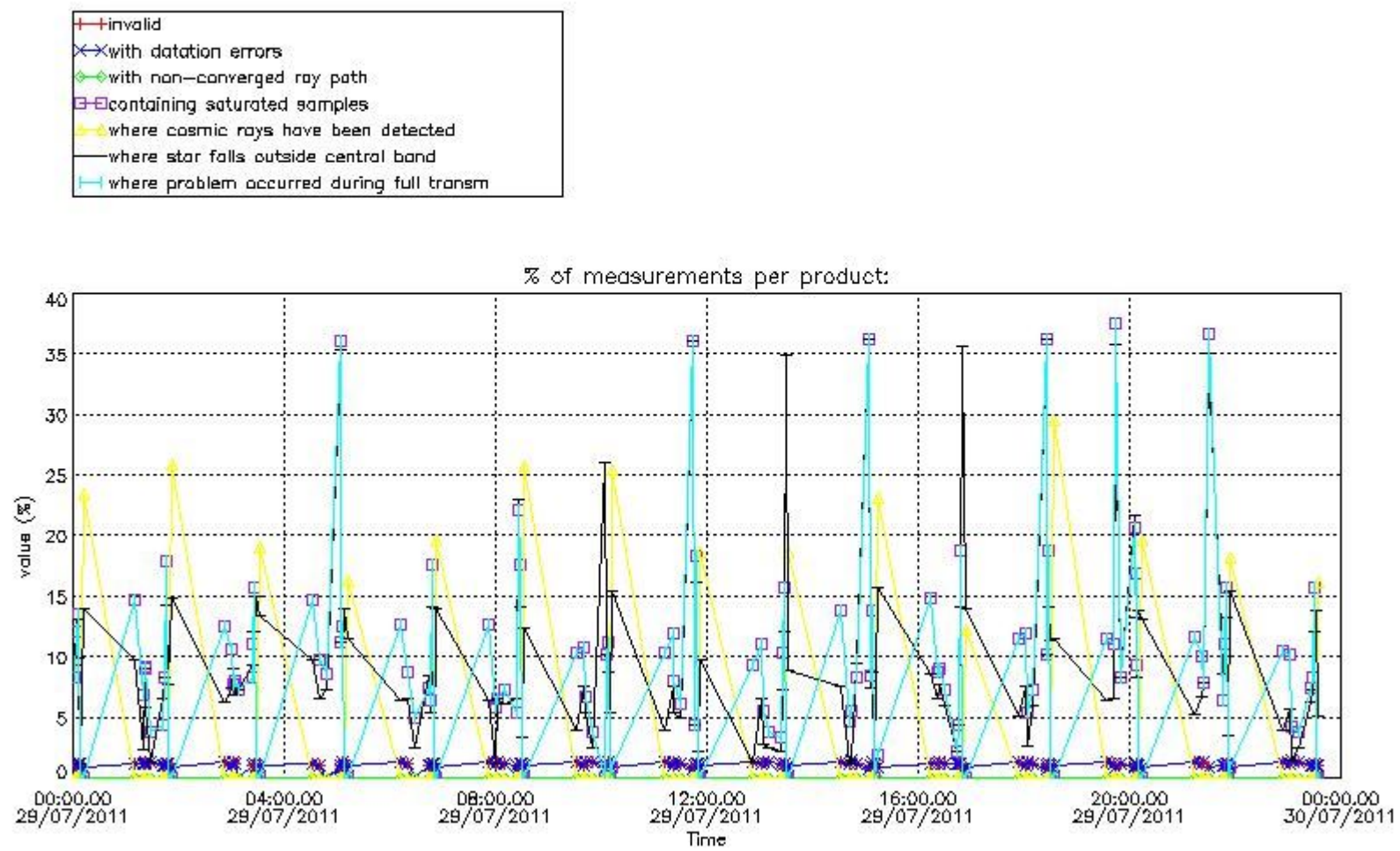
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



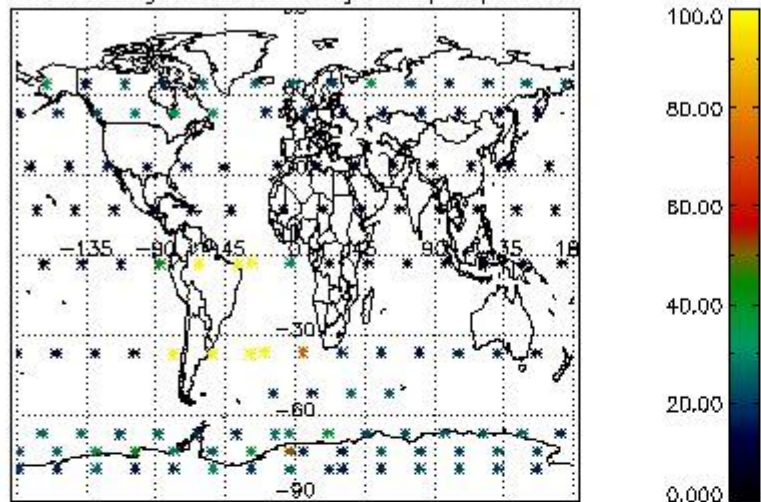
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



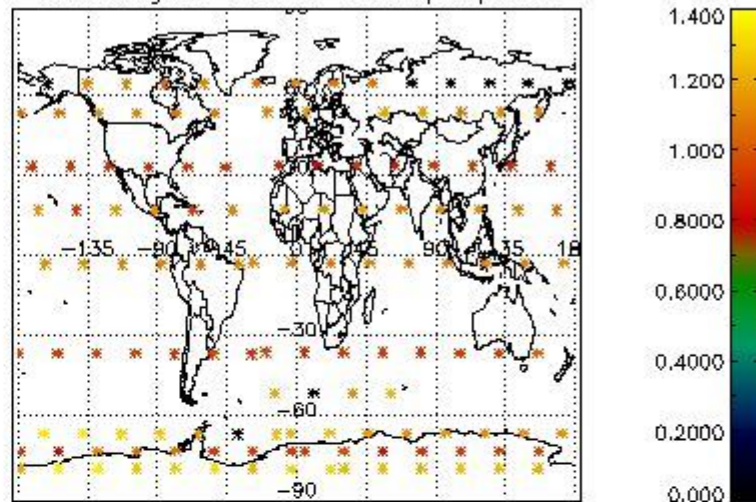
4.2 Plot quality information per product coming from level 1b processing (world map)

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

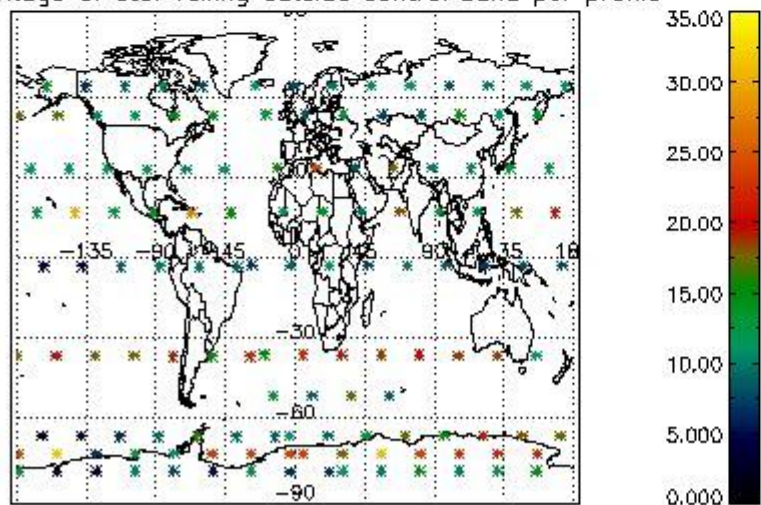
Percentage of cosmic ray hits per profile



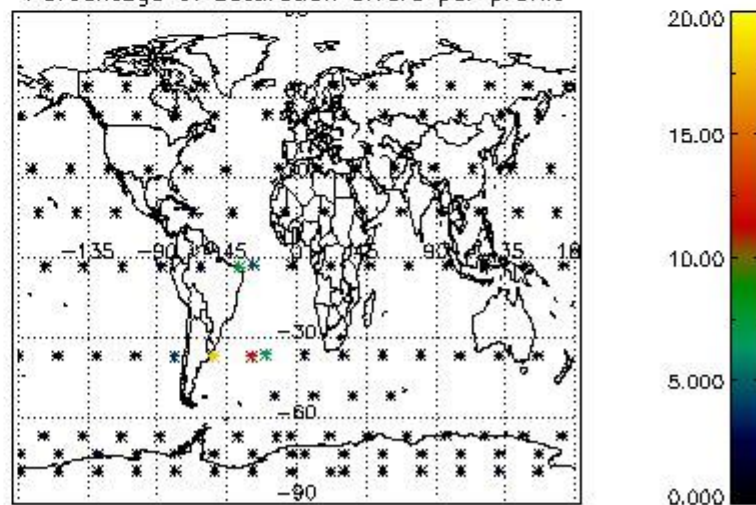
Percentage of datation errors per profile



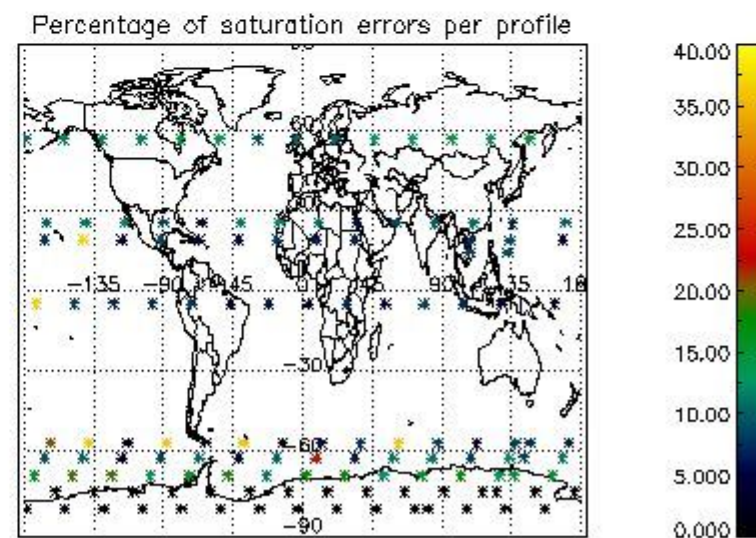
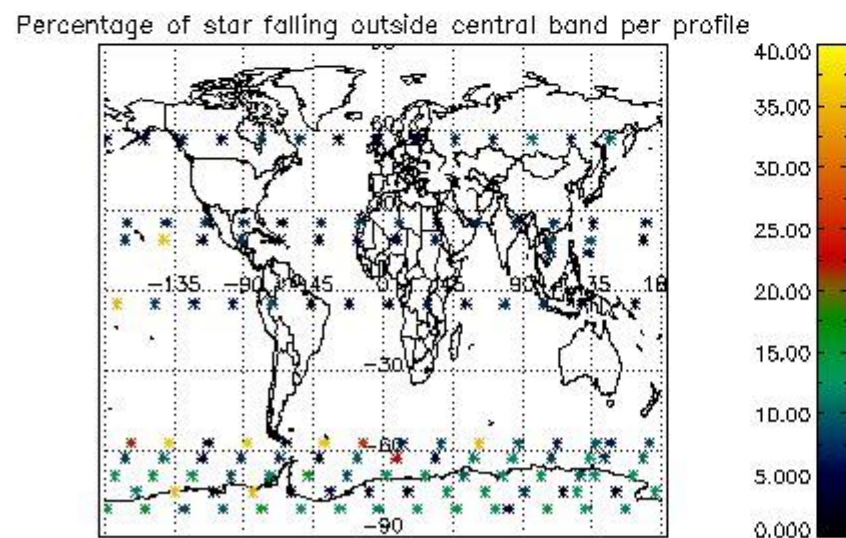
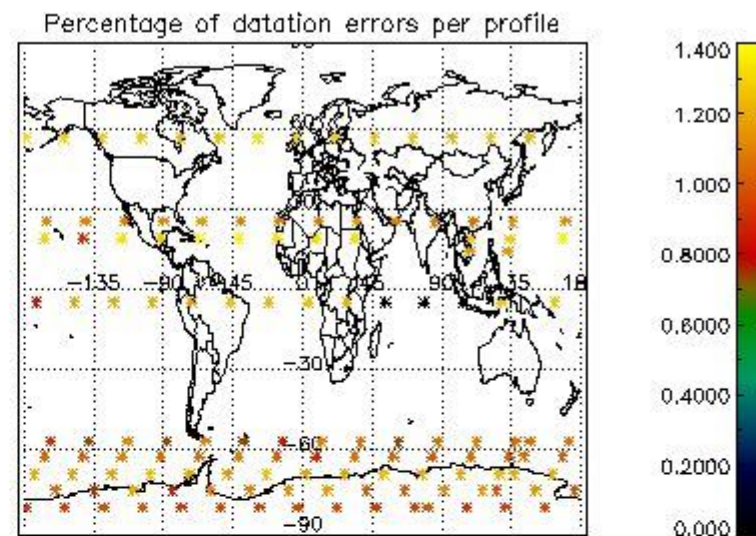
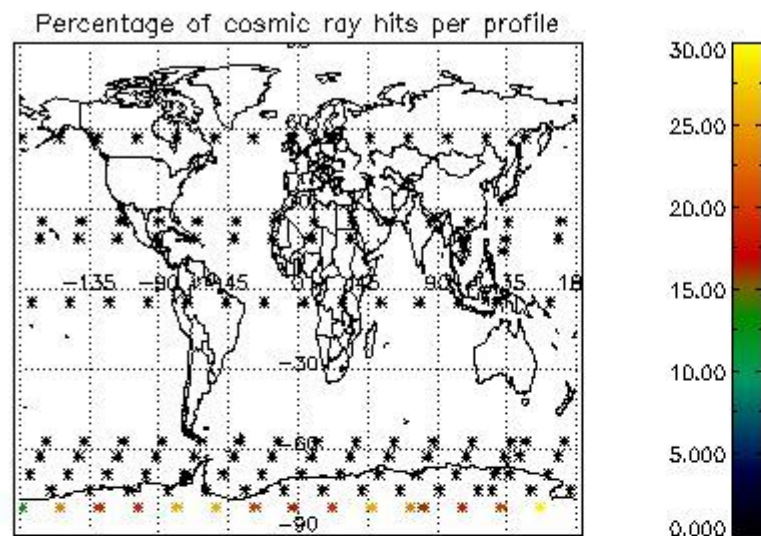
Percentage of star falling outside central band per profile



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

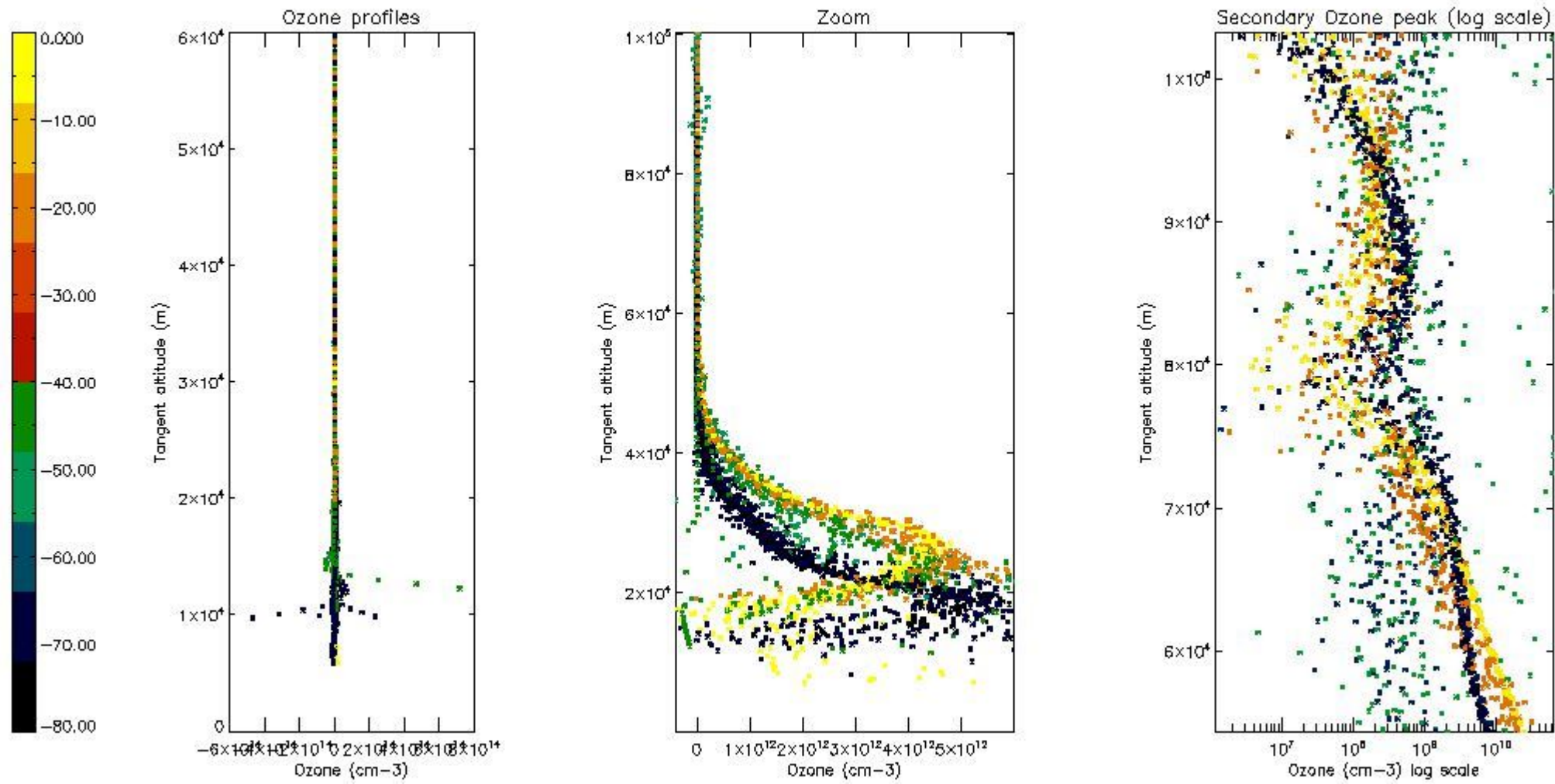
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	30
STD < 20	14

STD < 10	10
STD < 5	7

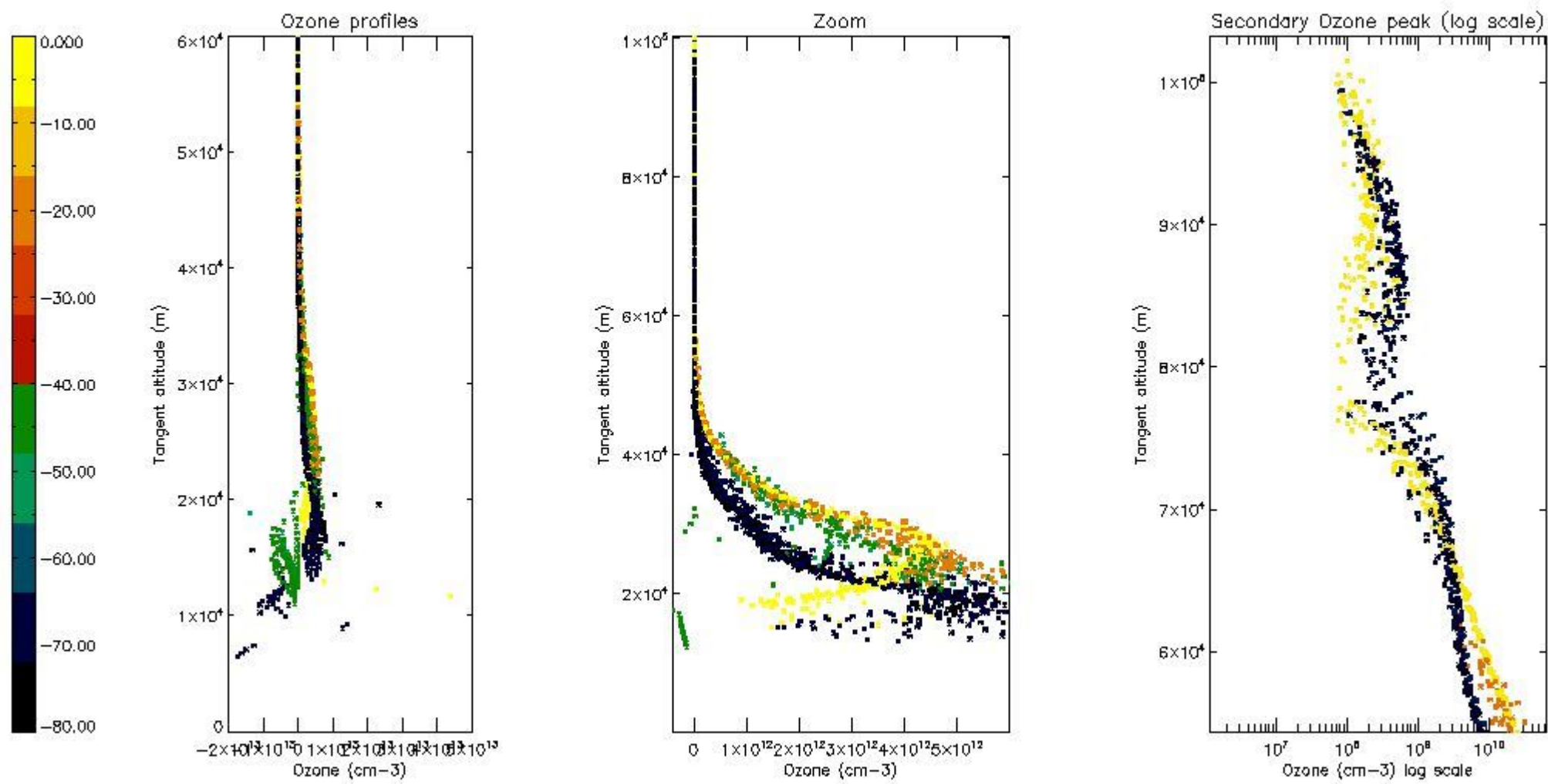
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



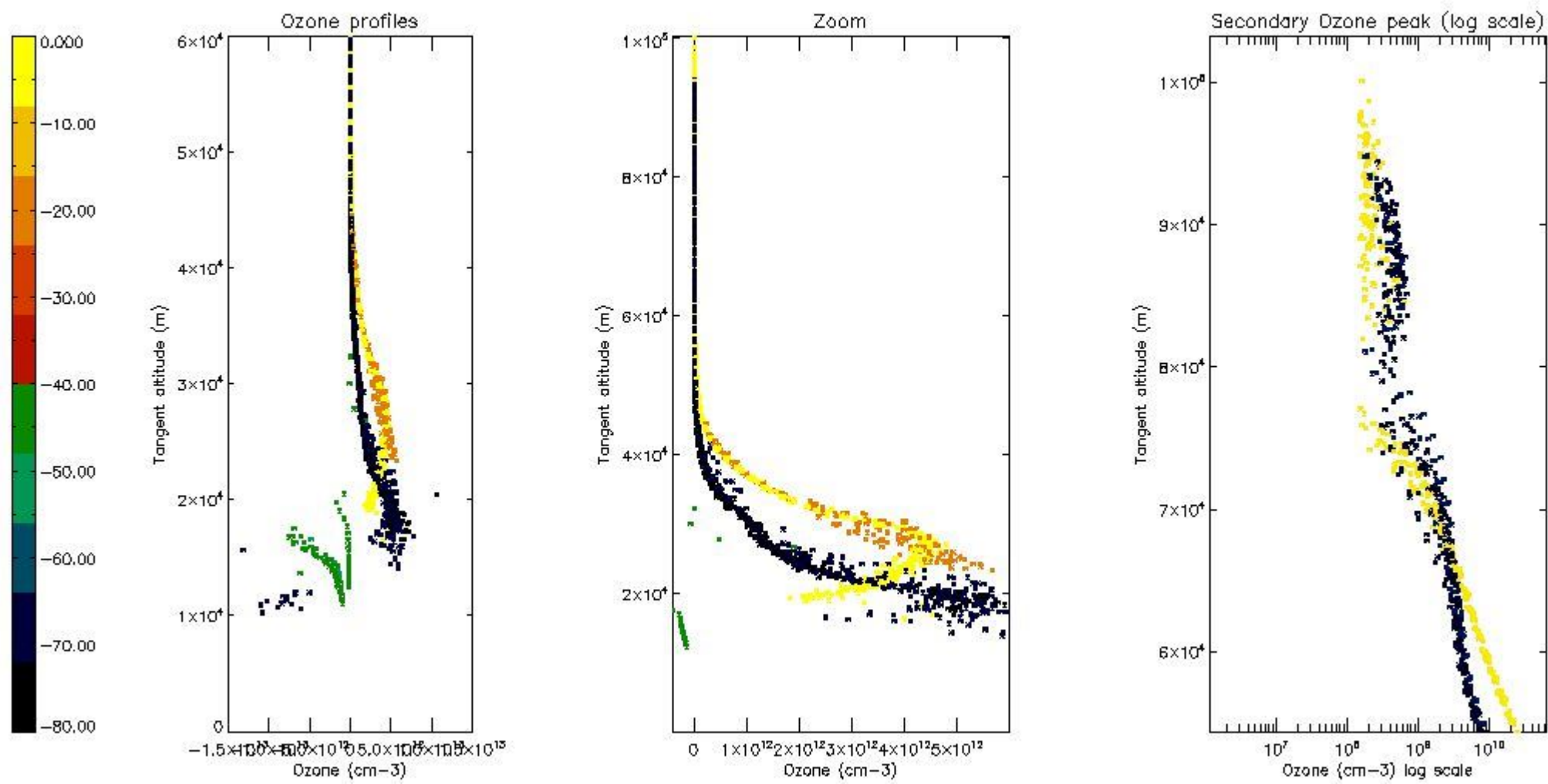
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



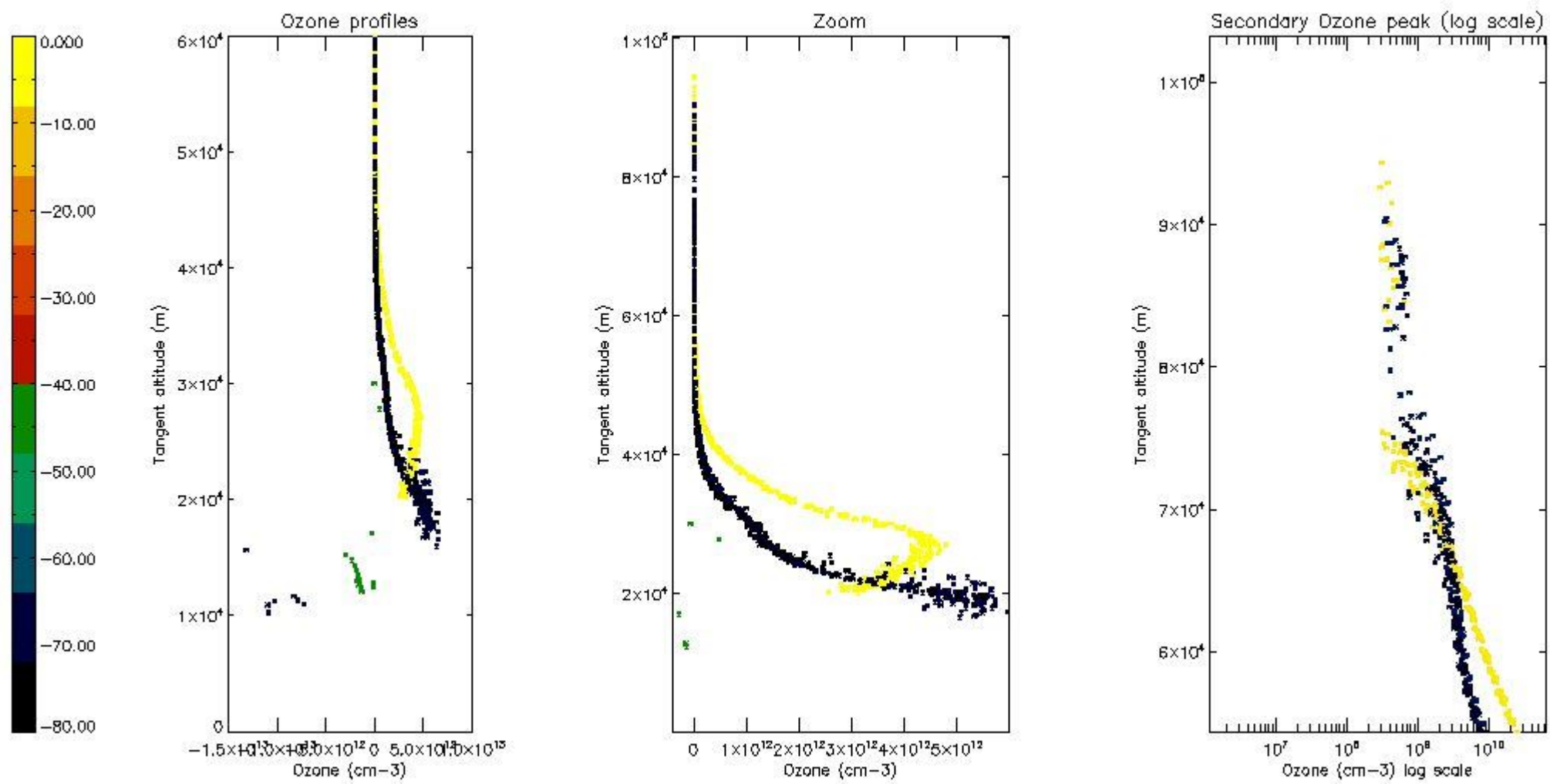
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



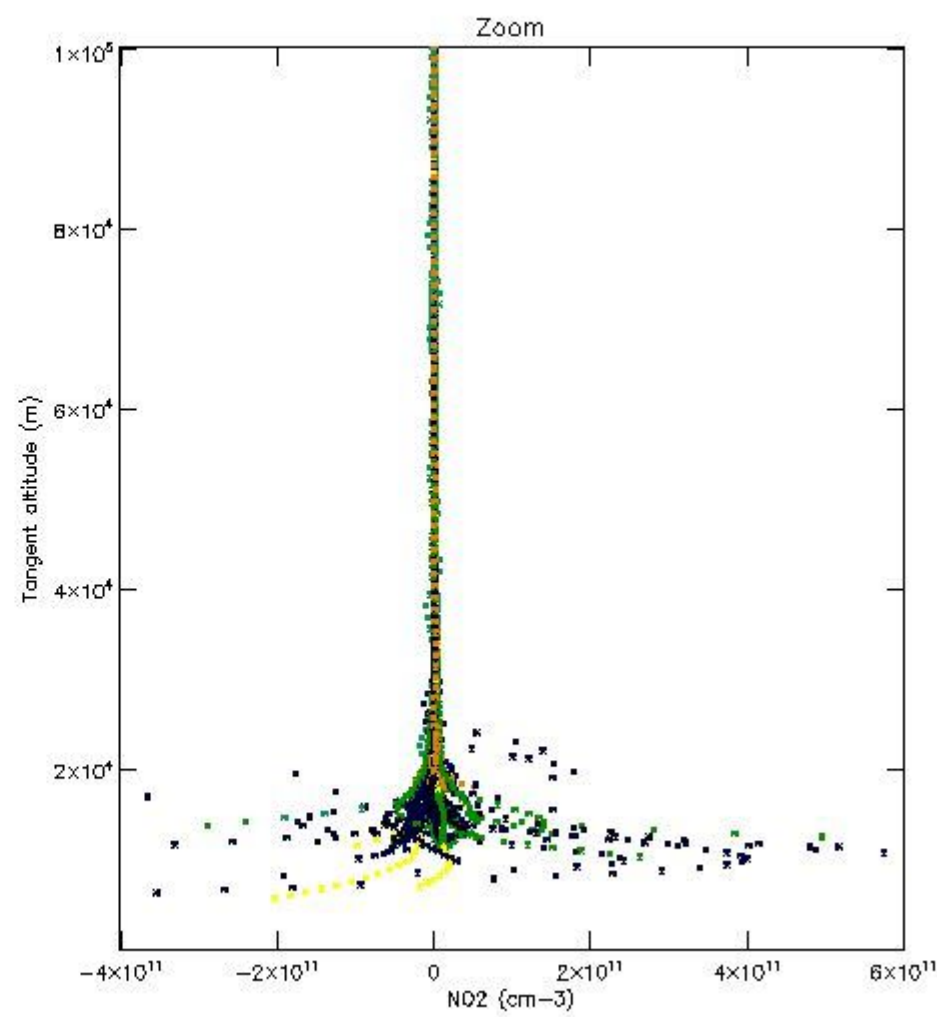
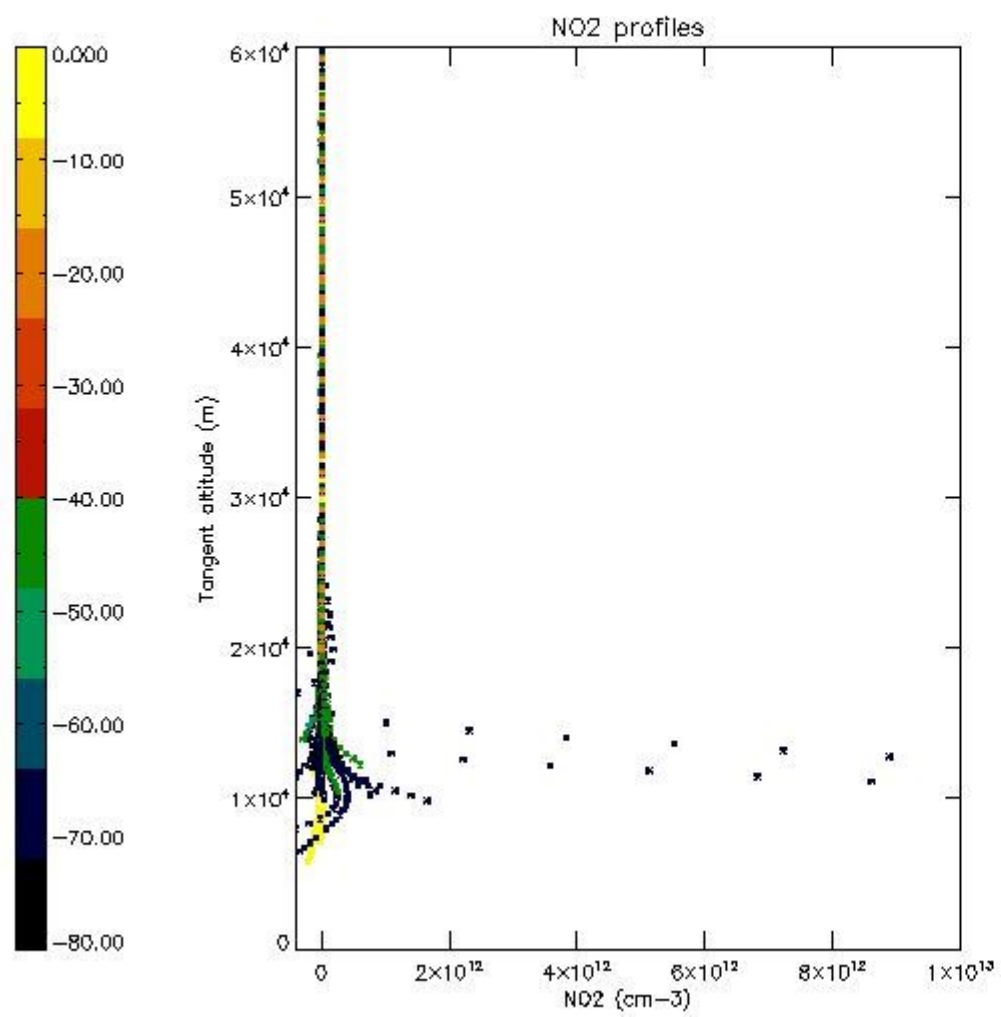
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



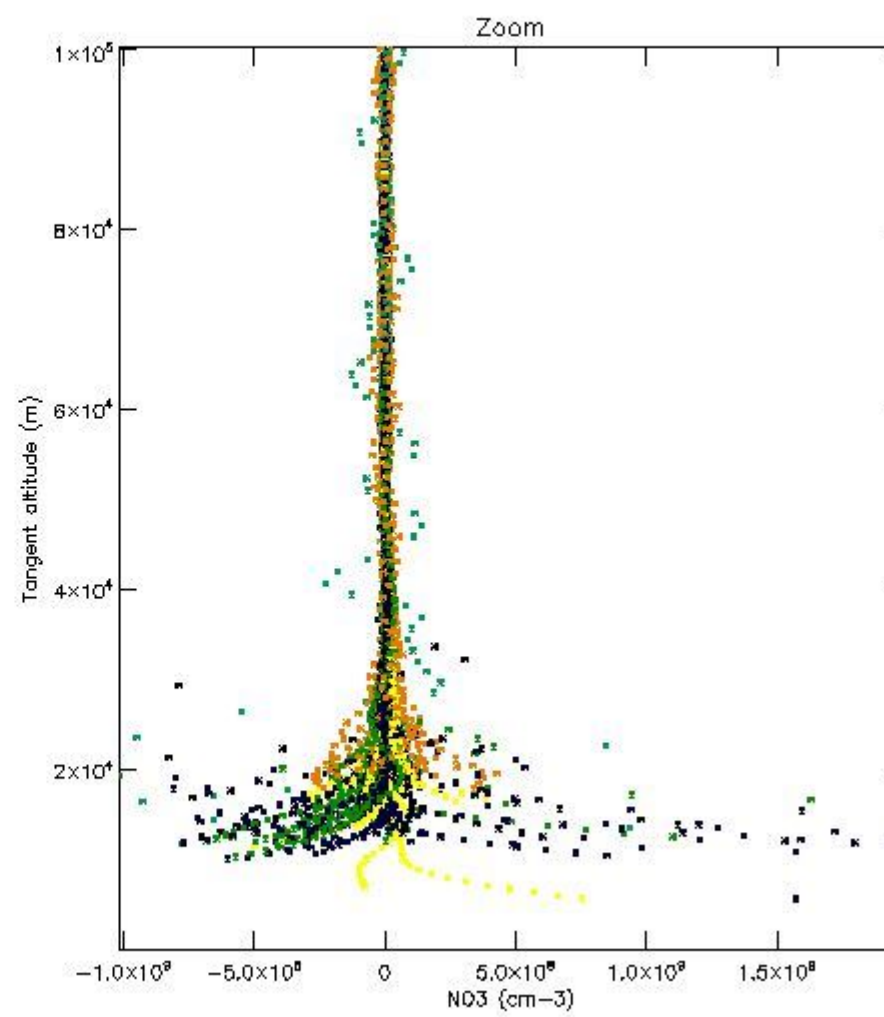
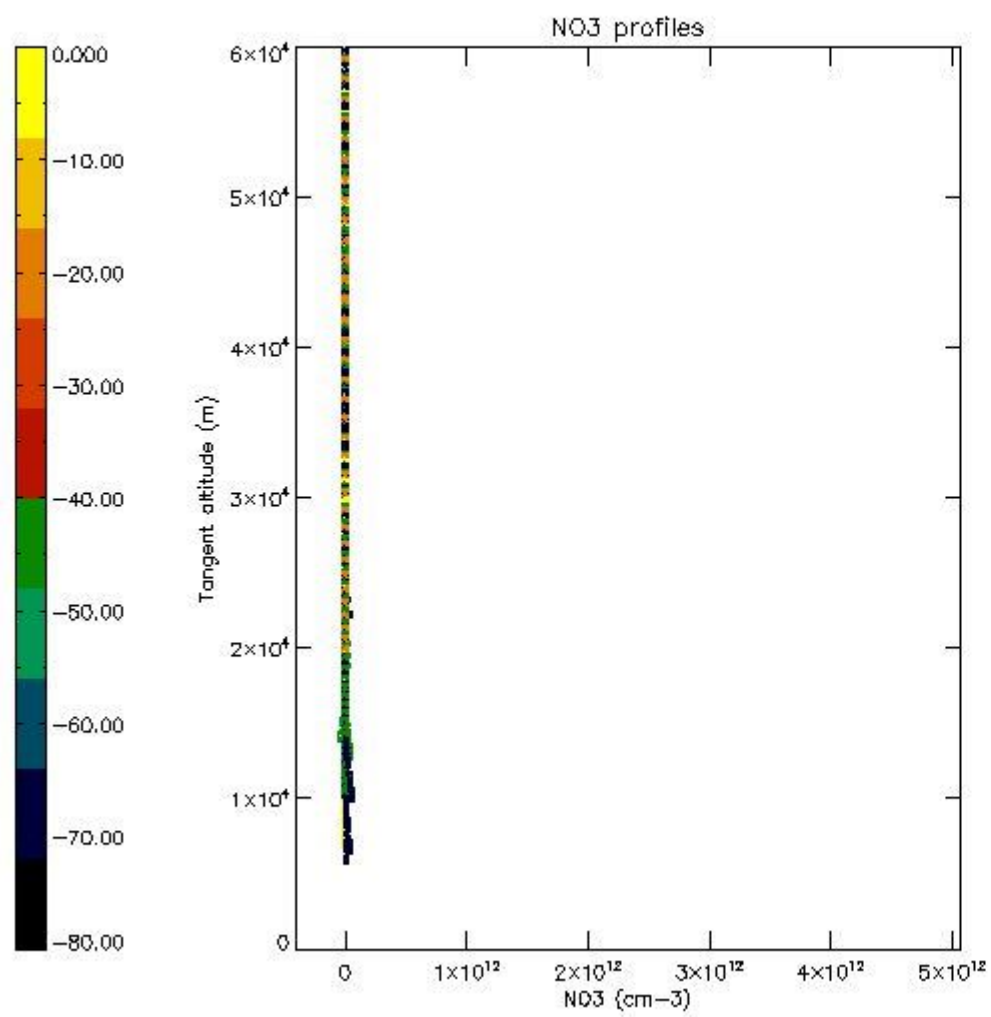
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



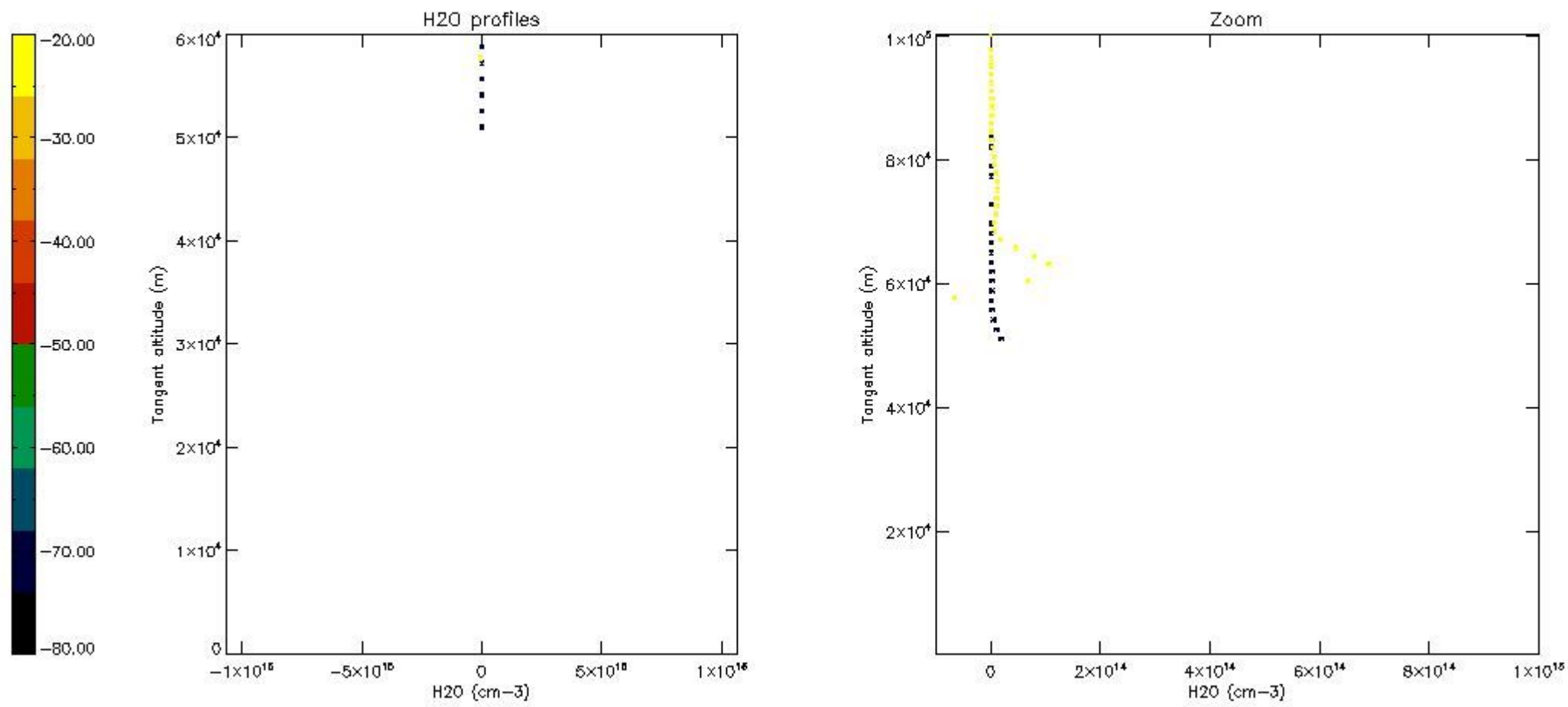
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

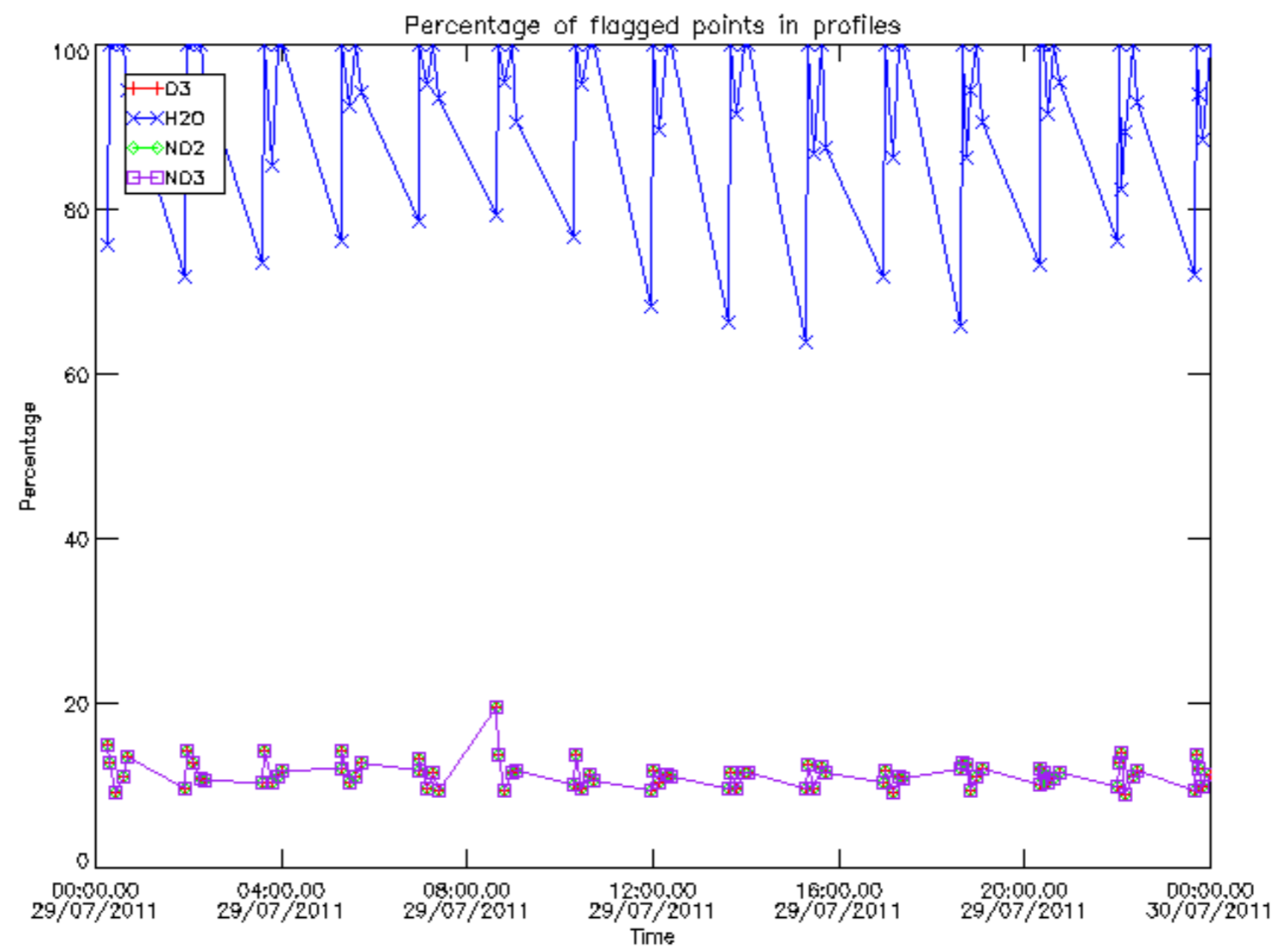
The colorbar represents the latitude.



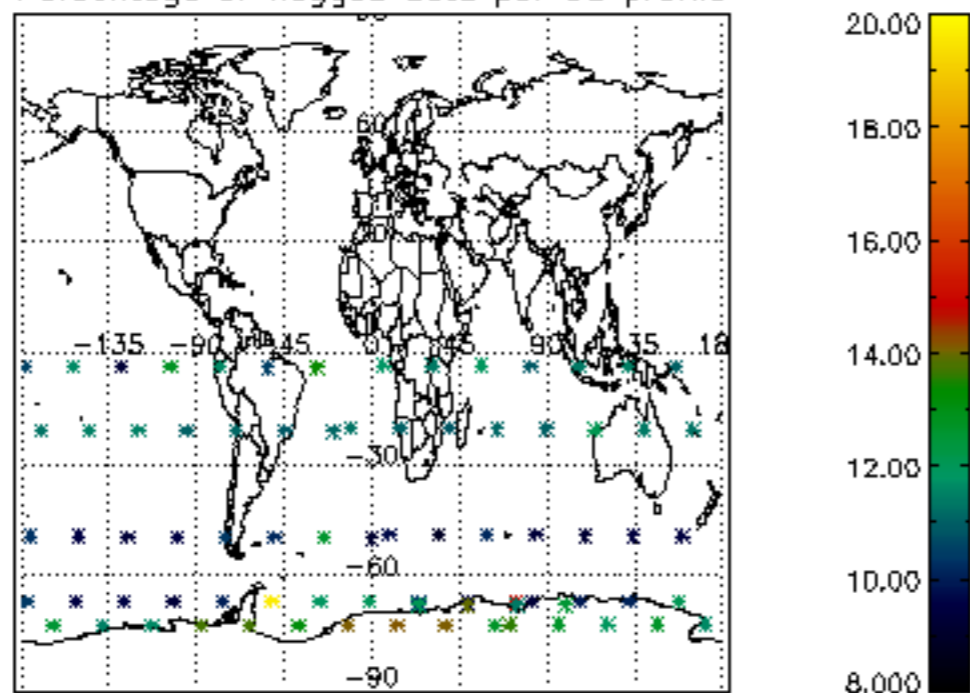
6. Auxiliary Data Files used for the production reported in section 2

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

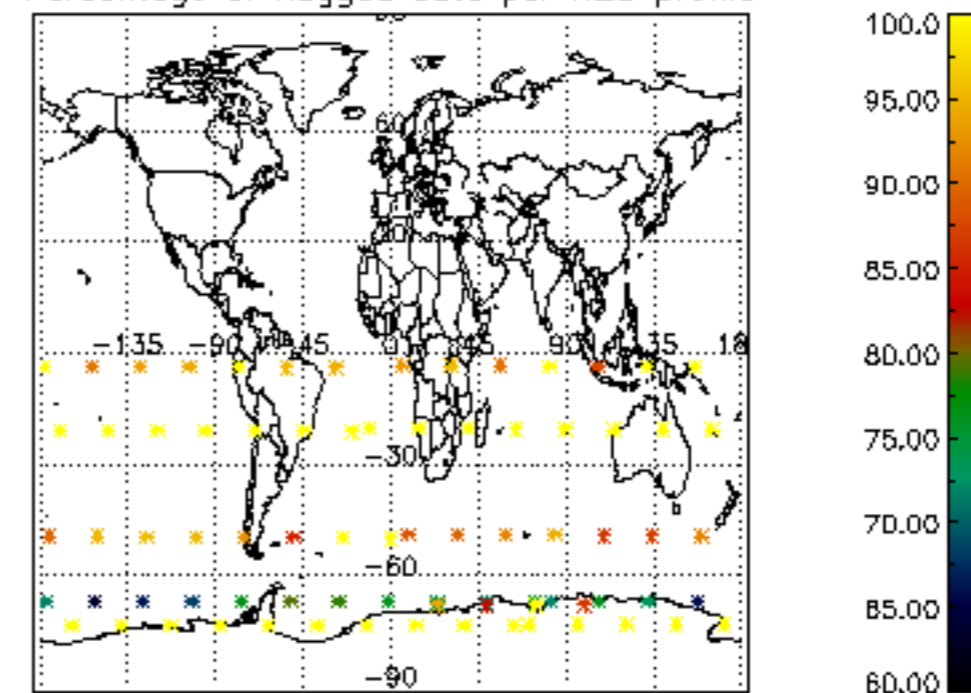
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	29-JUL-2011 00:02:40
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	29-JUL-2011 00:02:40
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	29-JUL-2011 00:02:40



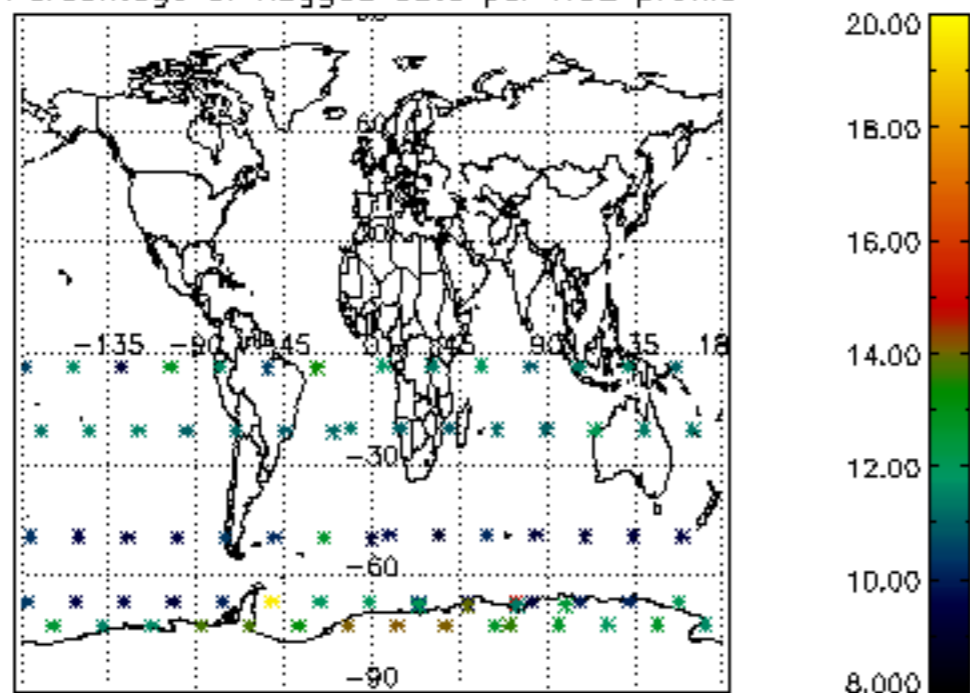
Percentage of flagged data per D3 profile



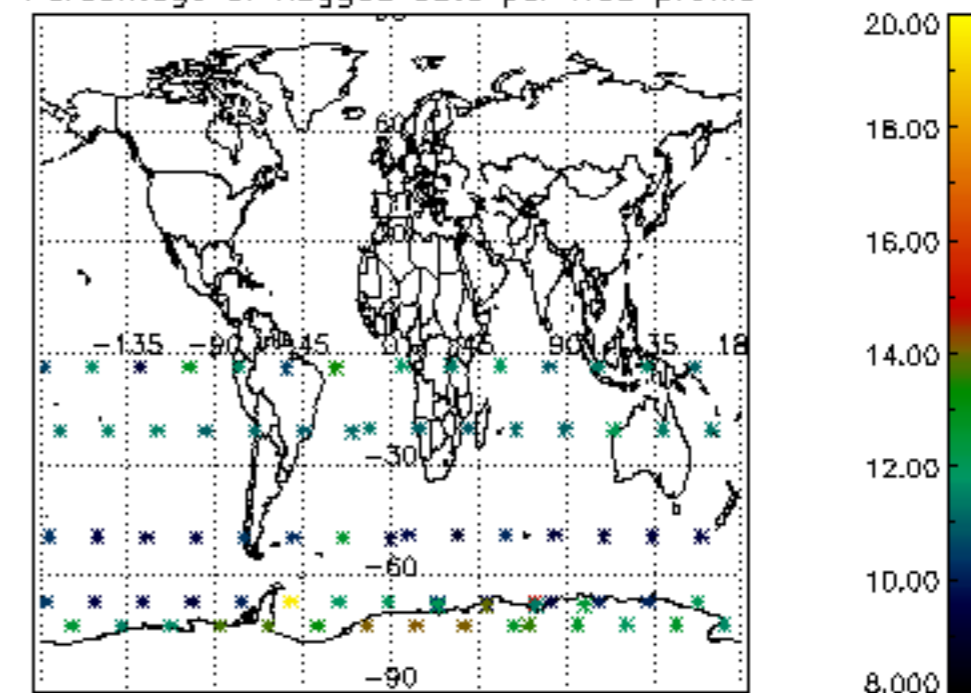
Percentage of flagged data per H2O profile

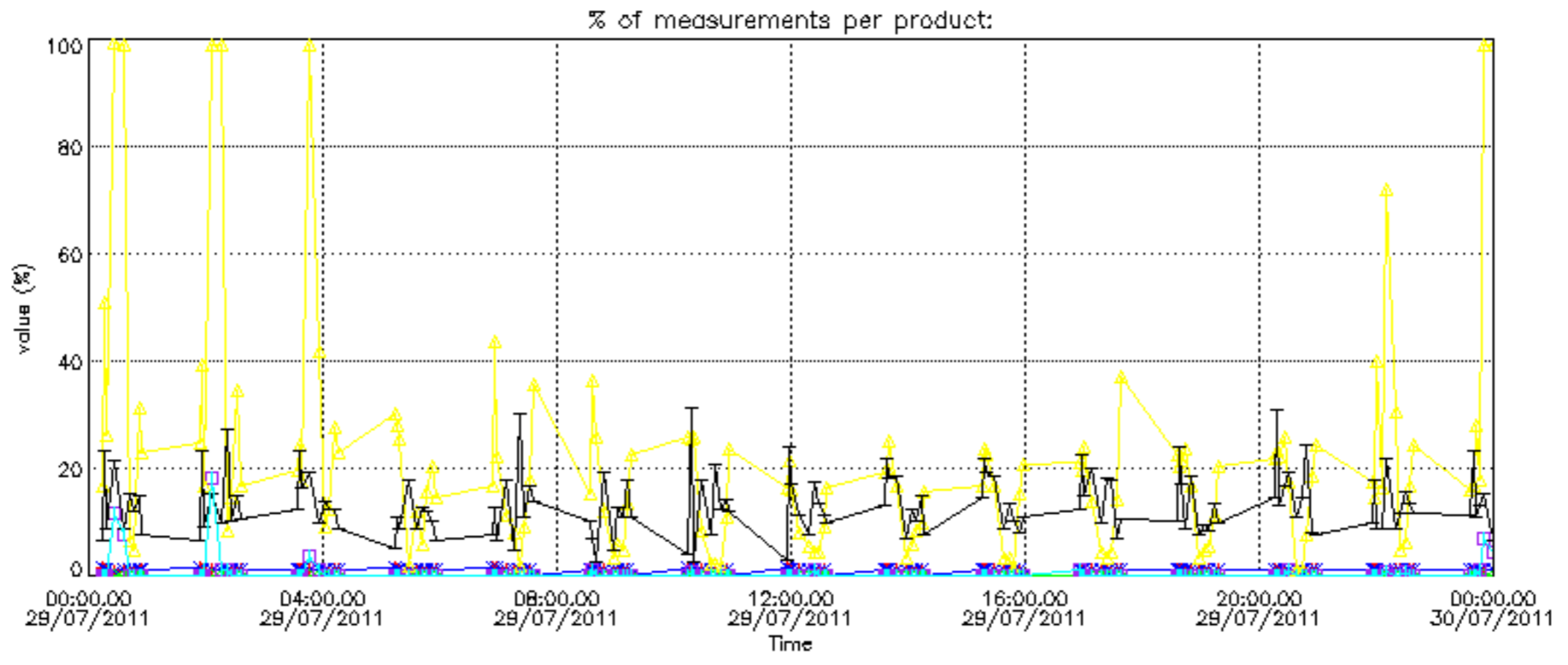


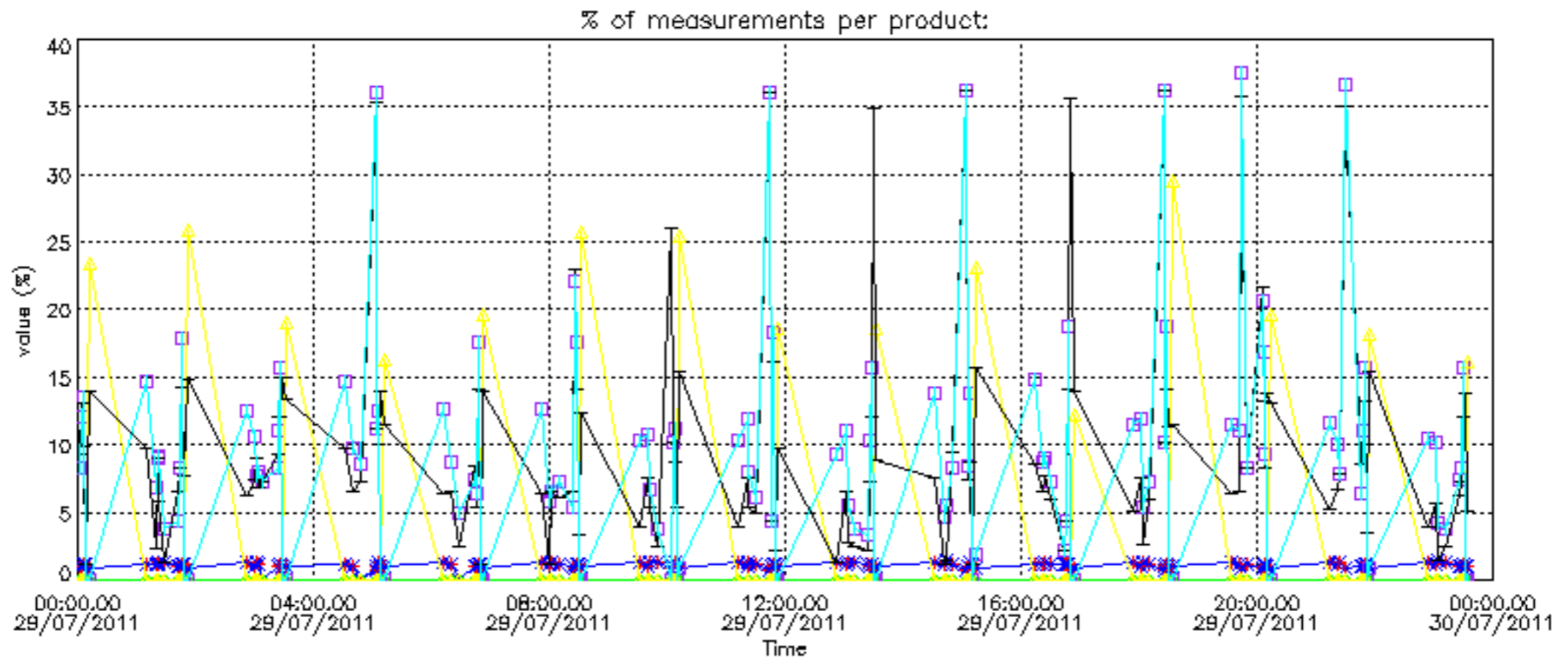
Percentage of flagged data per NO2 profile



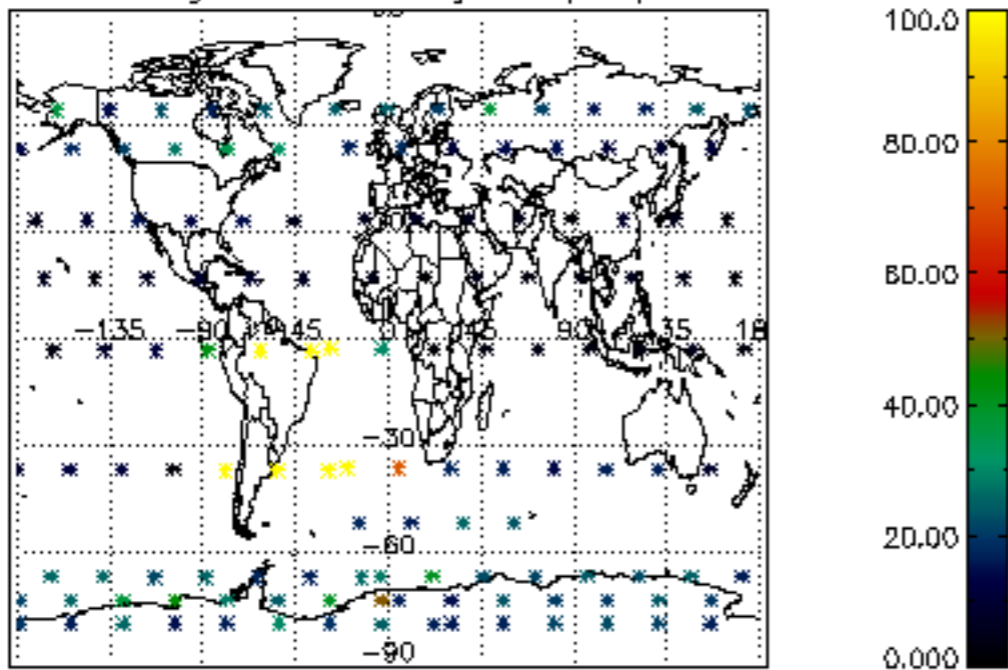
Percentage of flagged data per NO3 profile



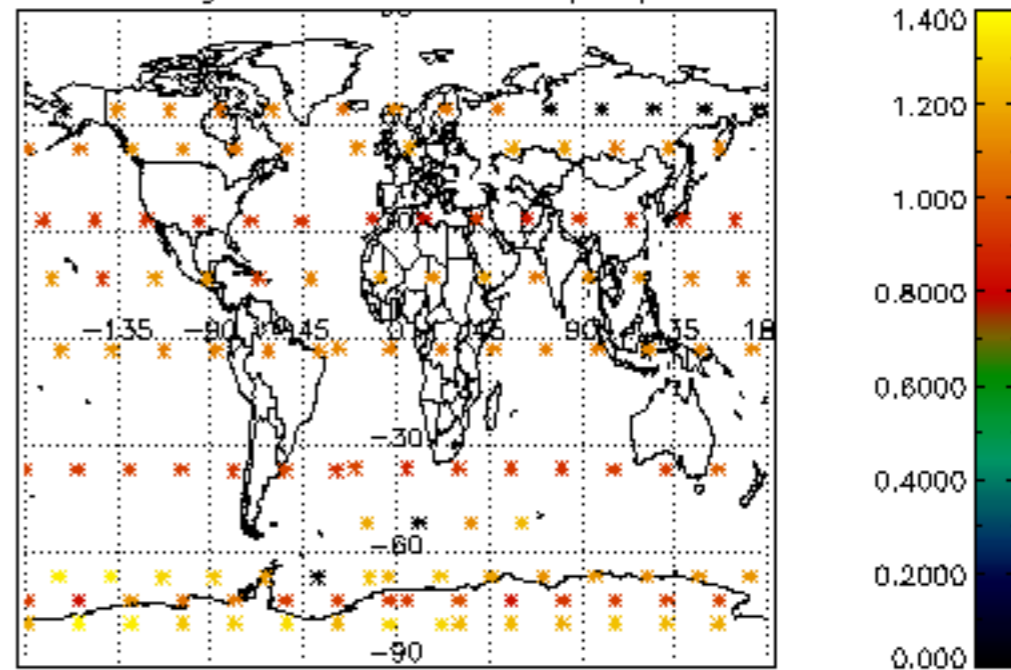




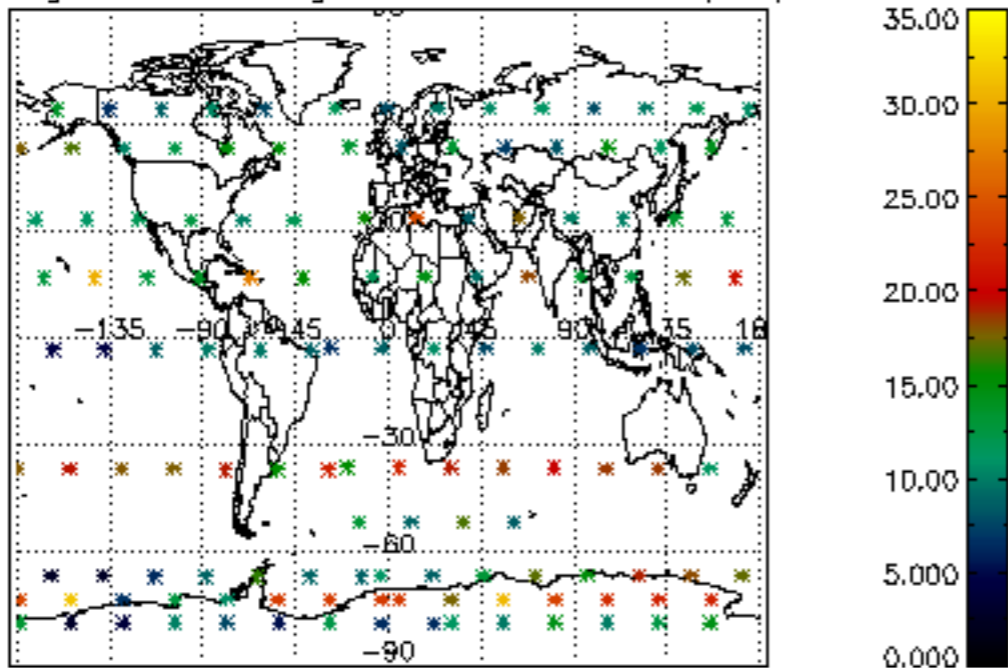
Percentage of cosmic ray hits per profile



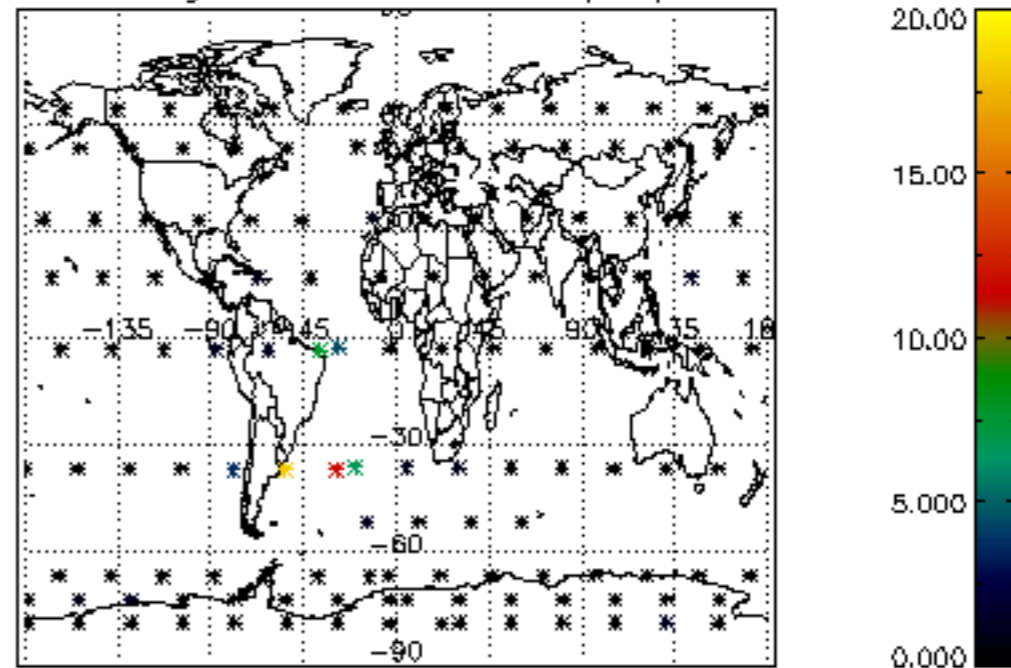
Percentage of datation errors per profile



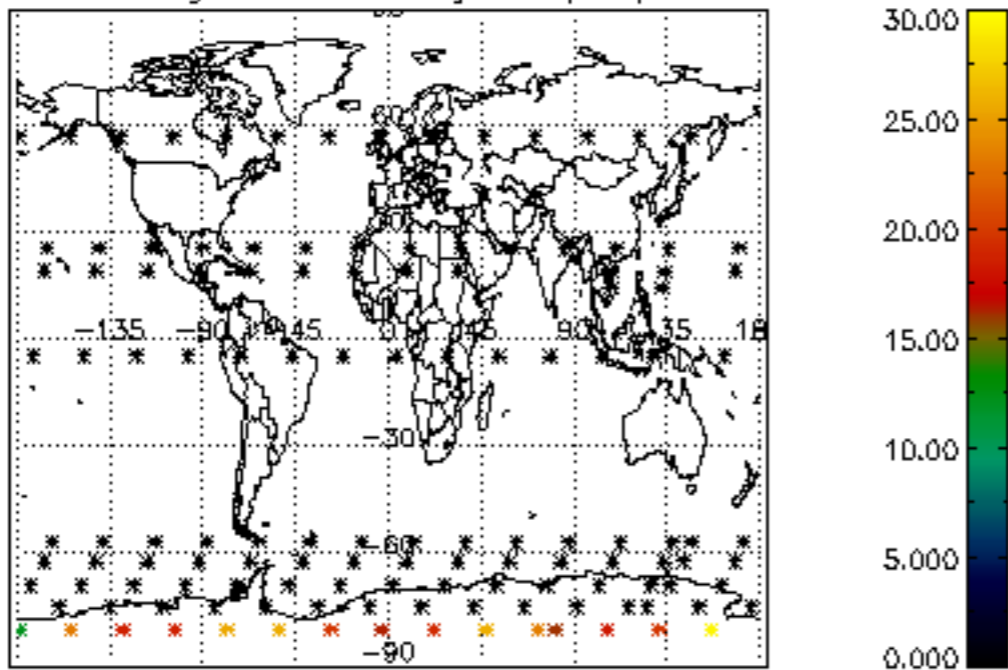
Percentage of star falling outside central band per profile



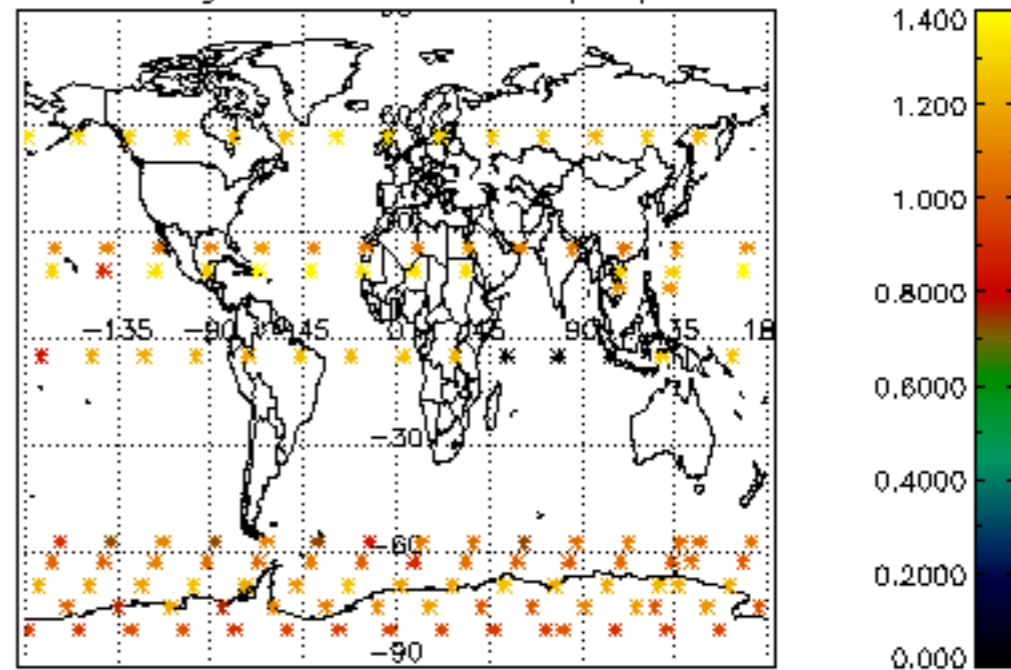
Percentage of saturation errors per profile



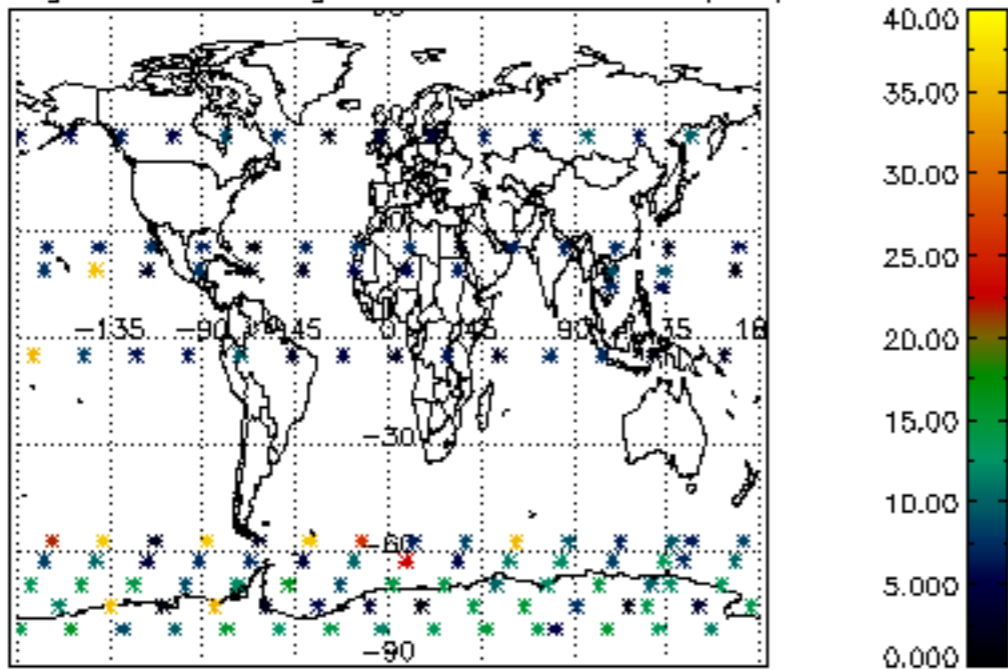
Percentage of cosmic ray hits per profile



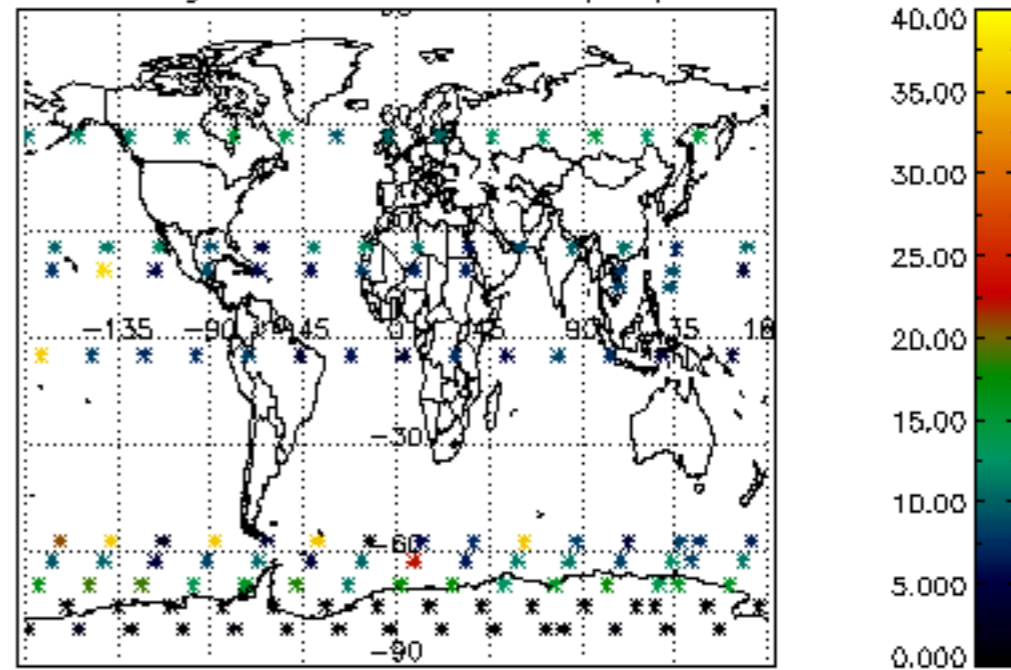
Percentage of datation errors per profile

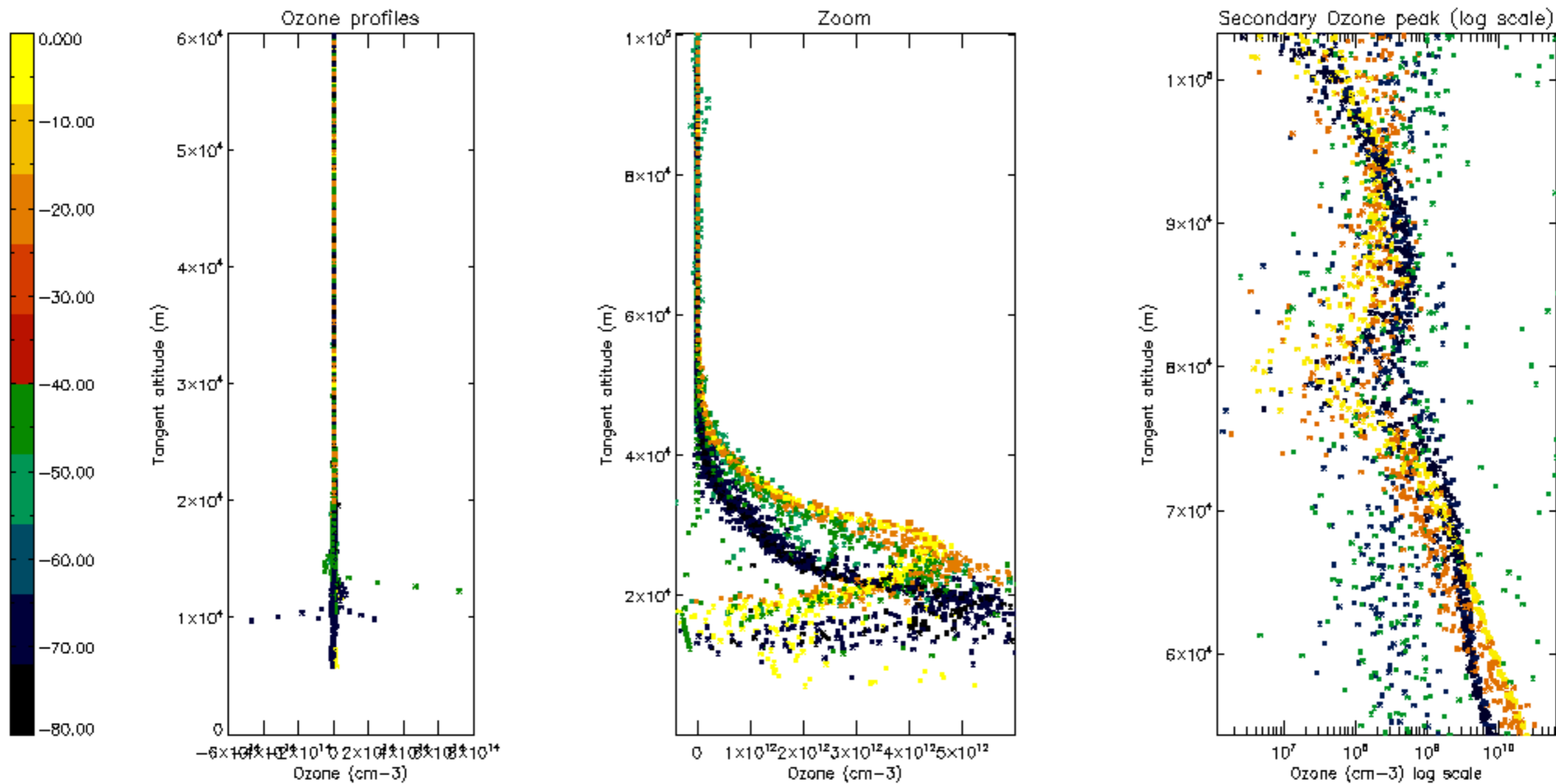


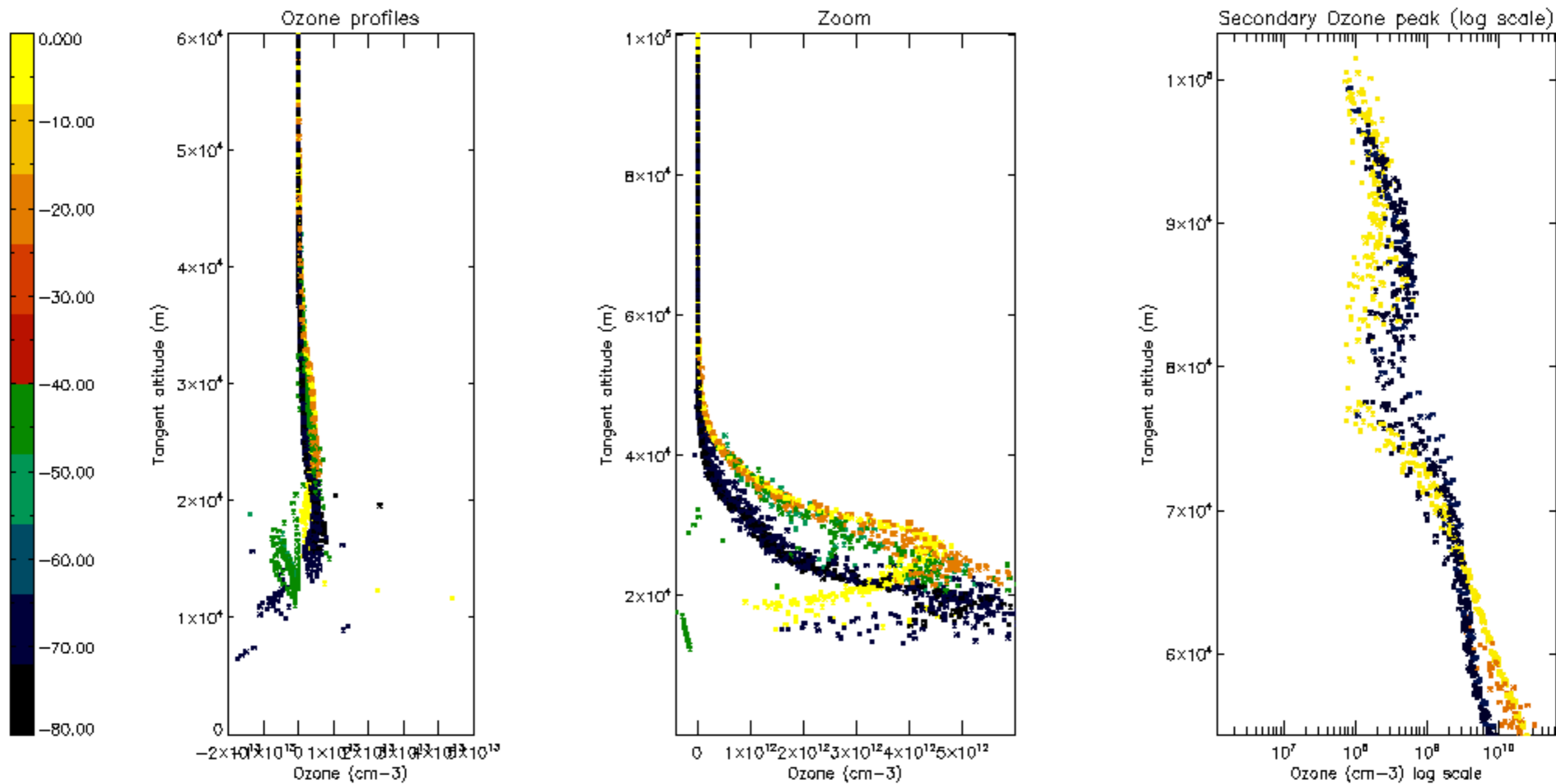
Percentage of star falling outside central band per profile

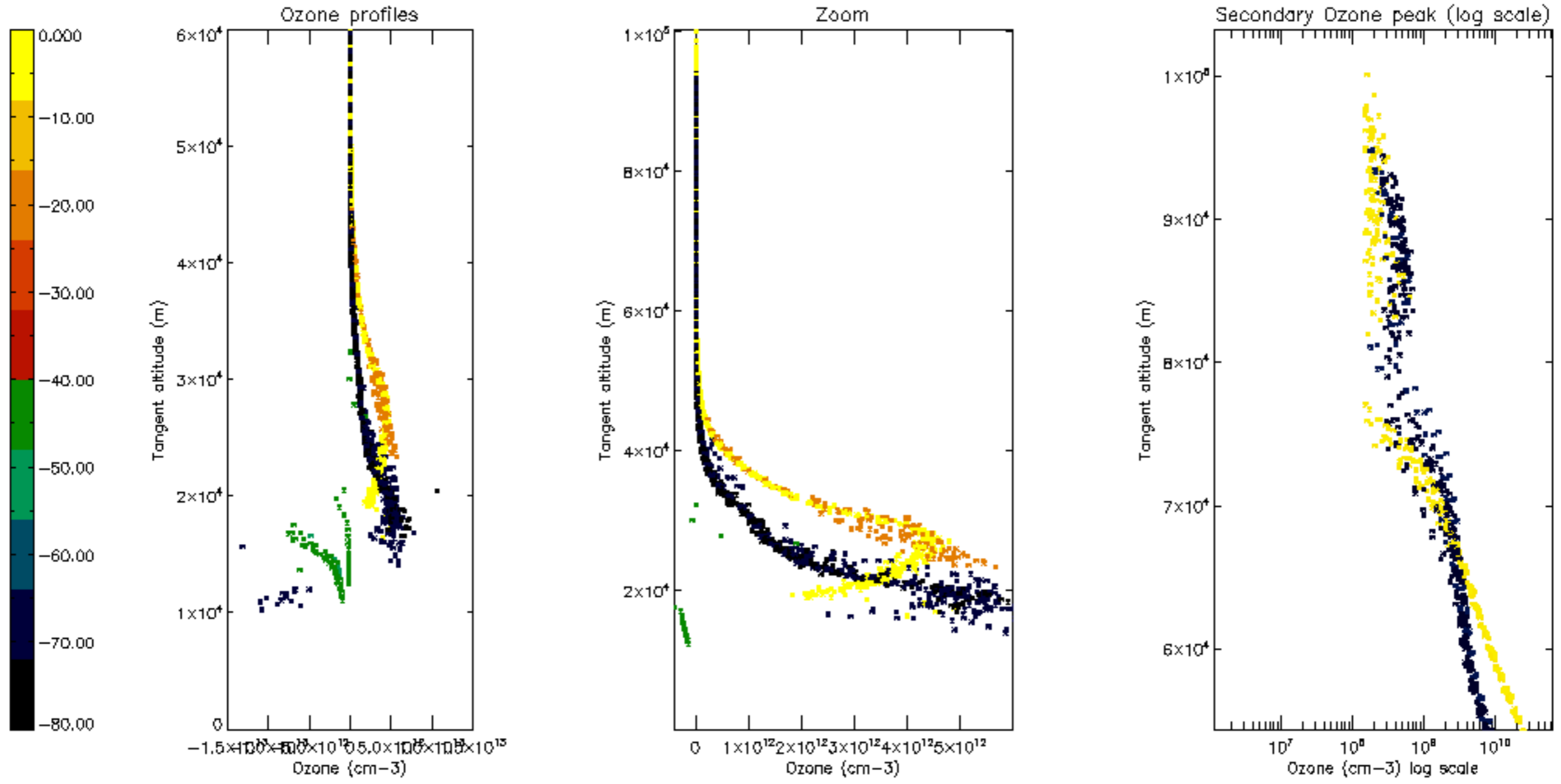


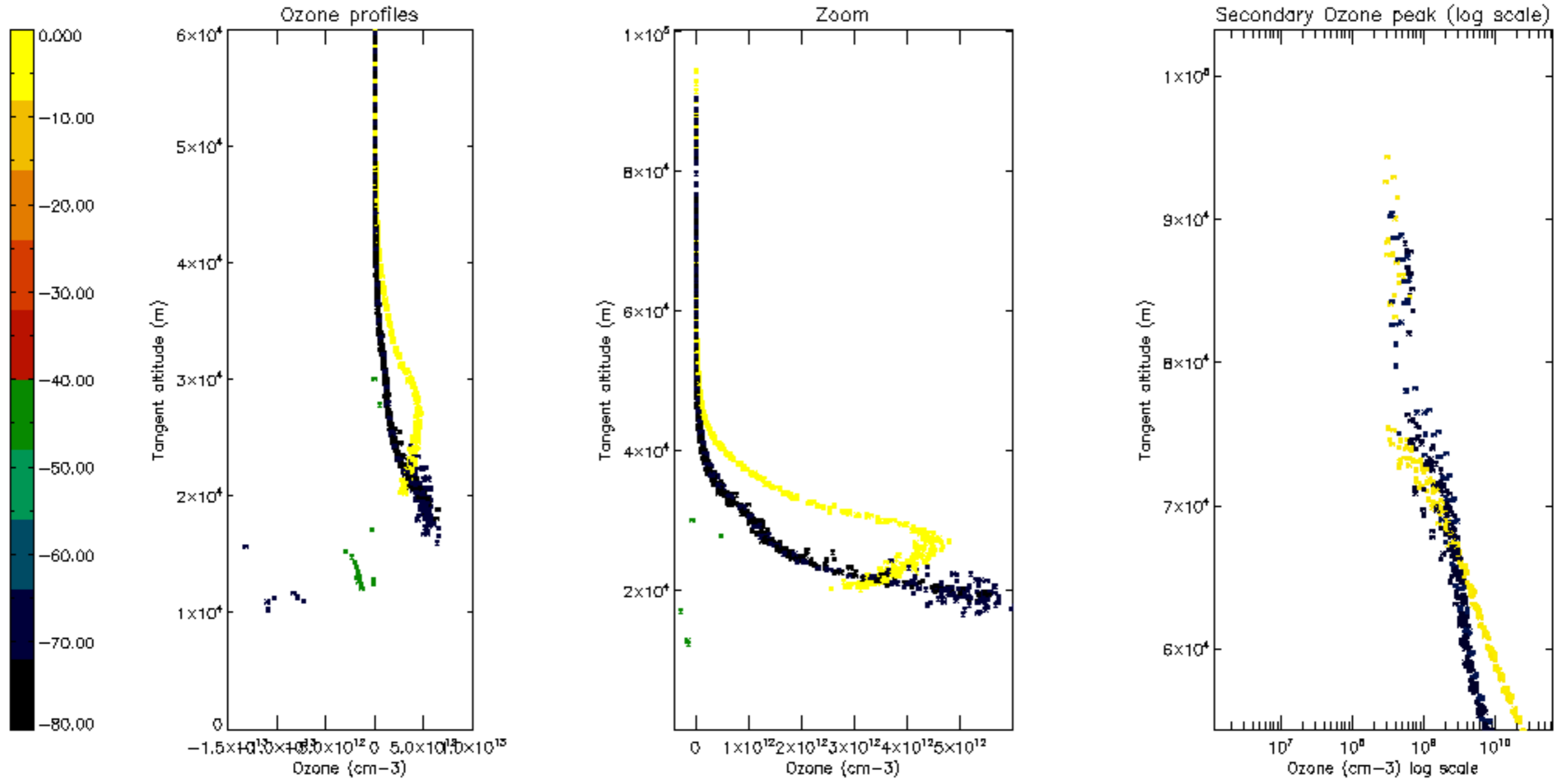
Percentage of saturation errors per profile

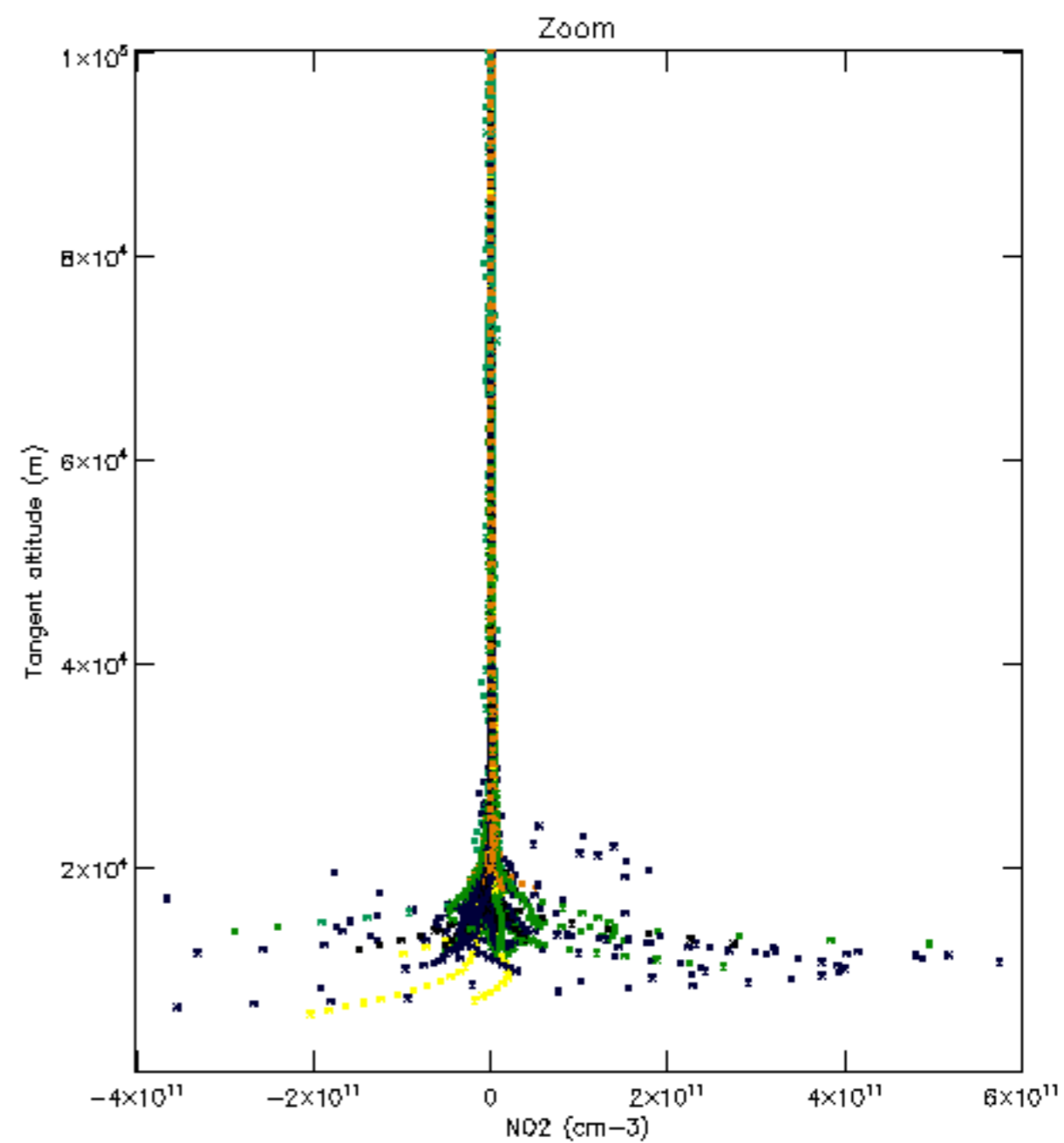
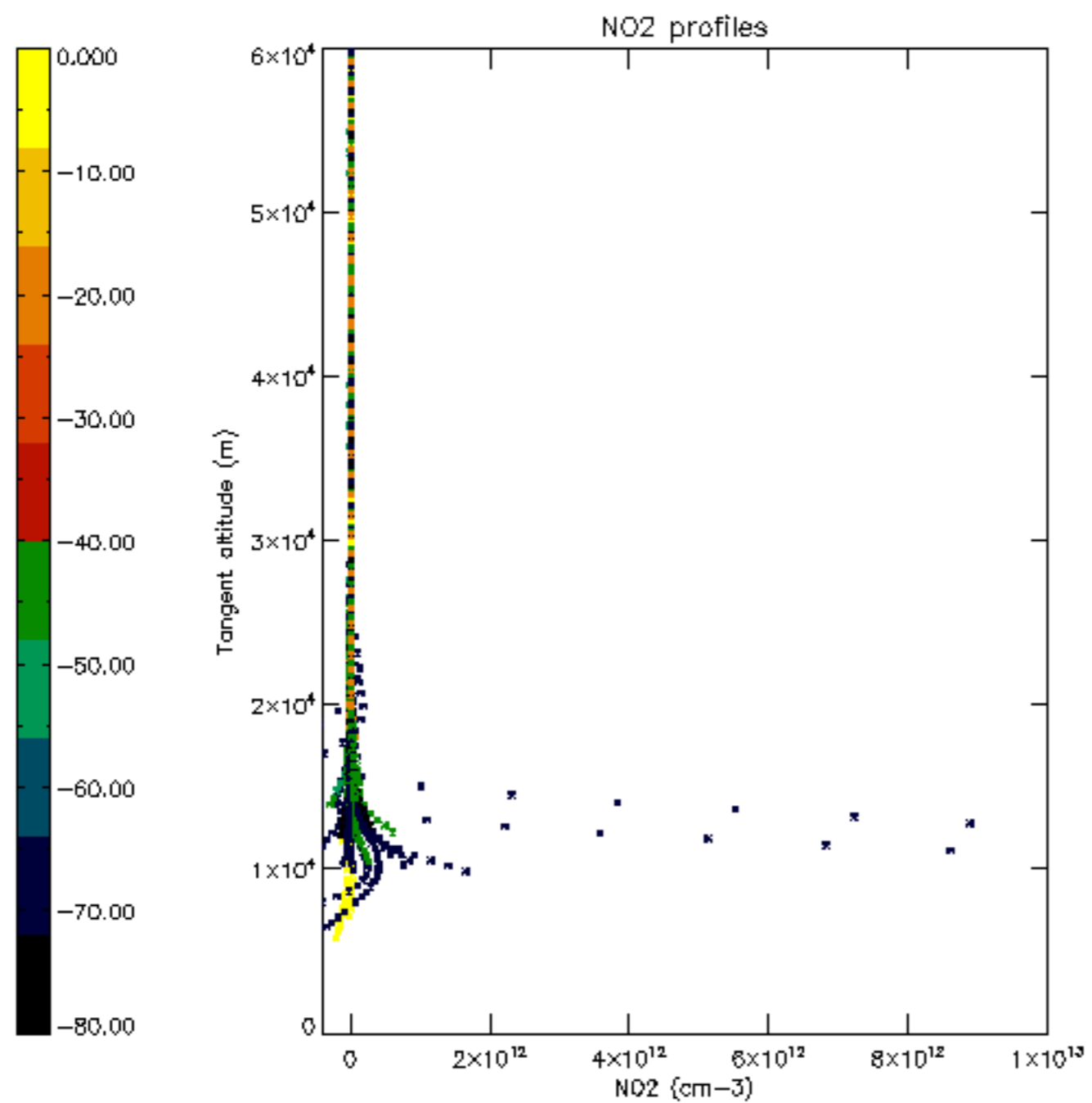


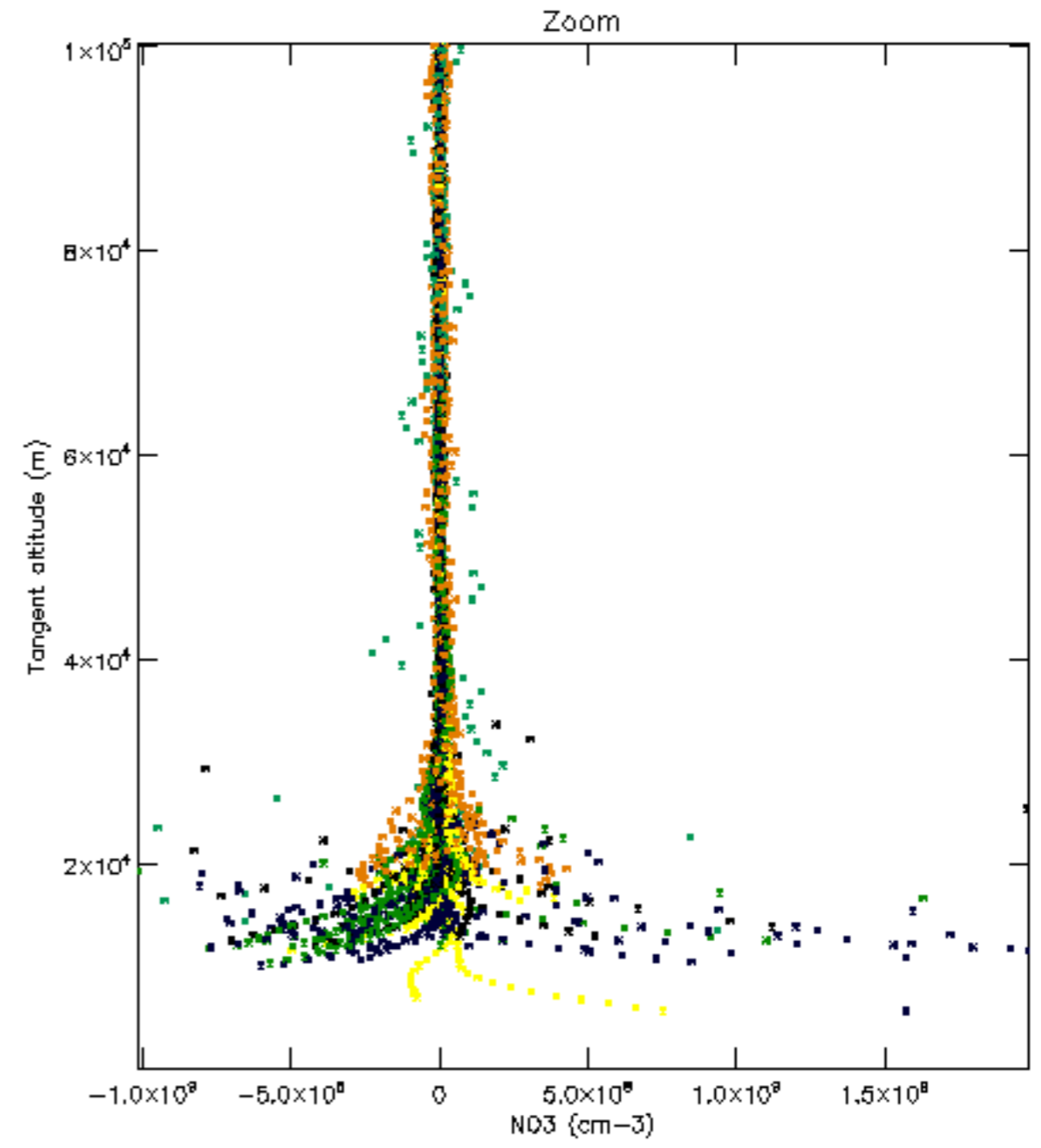
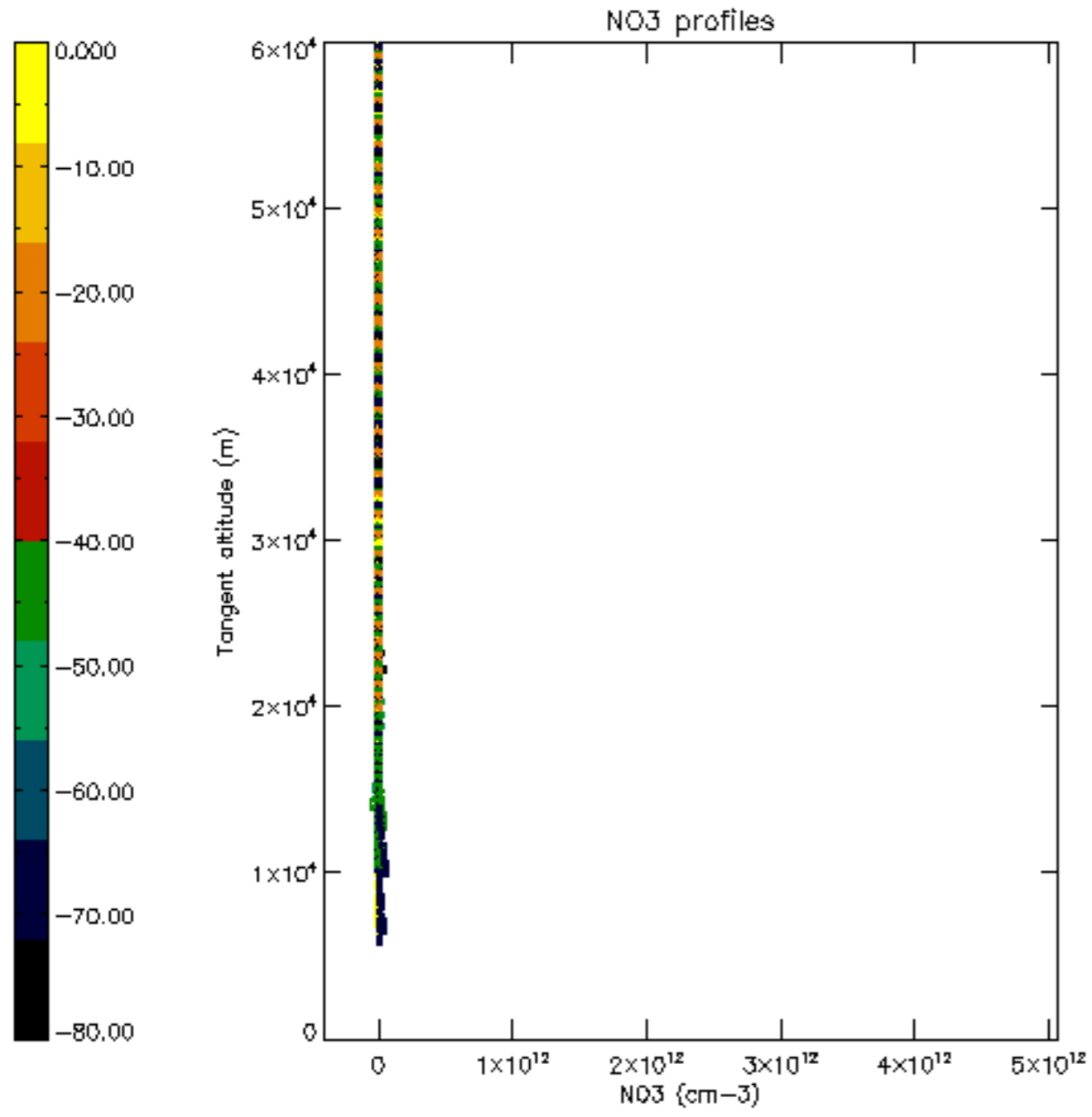


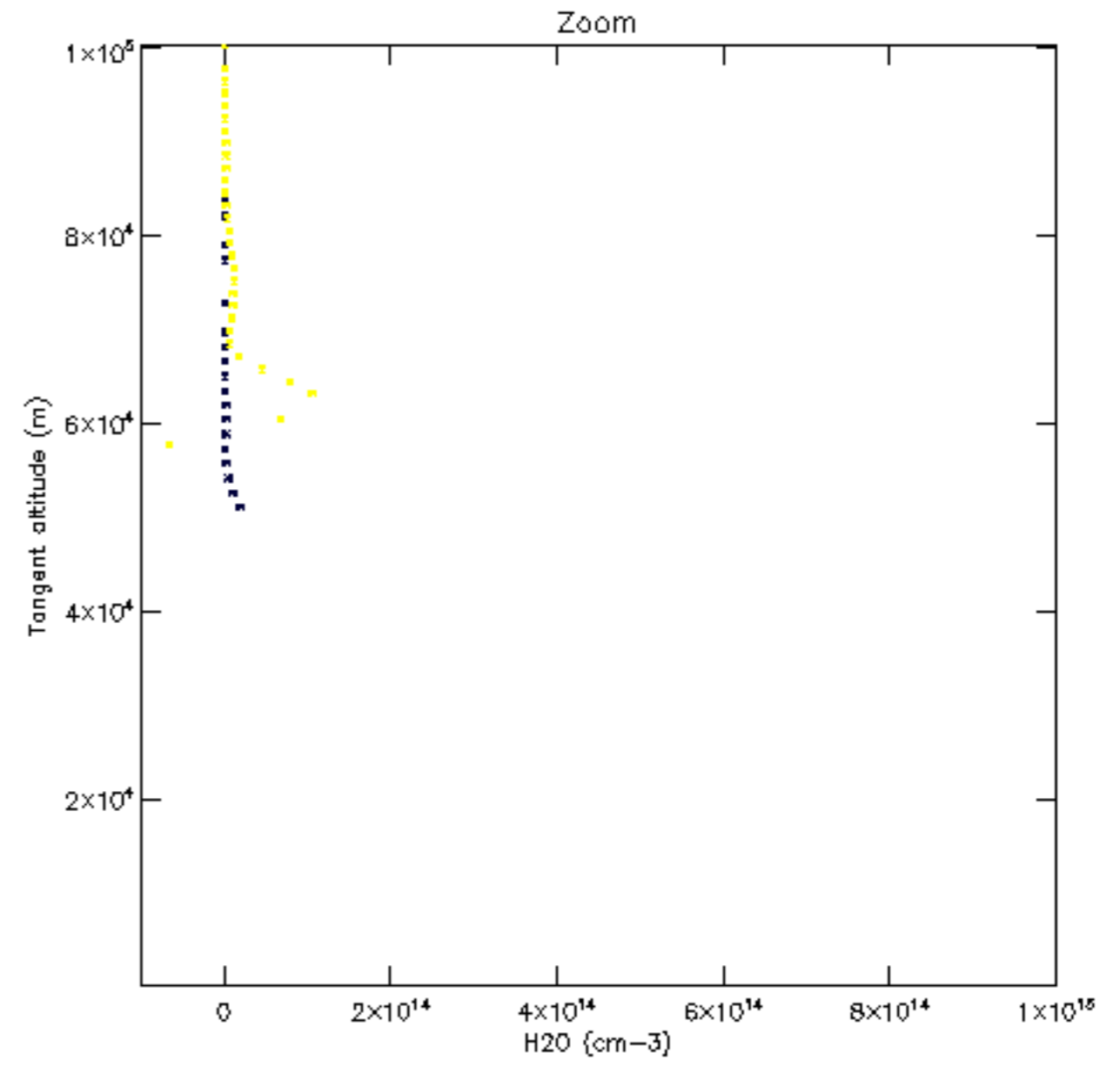
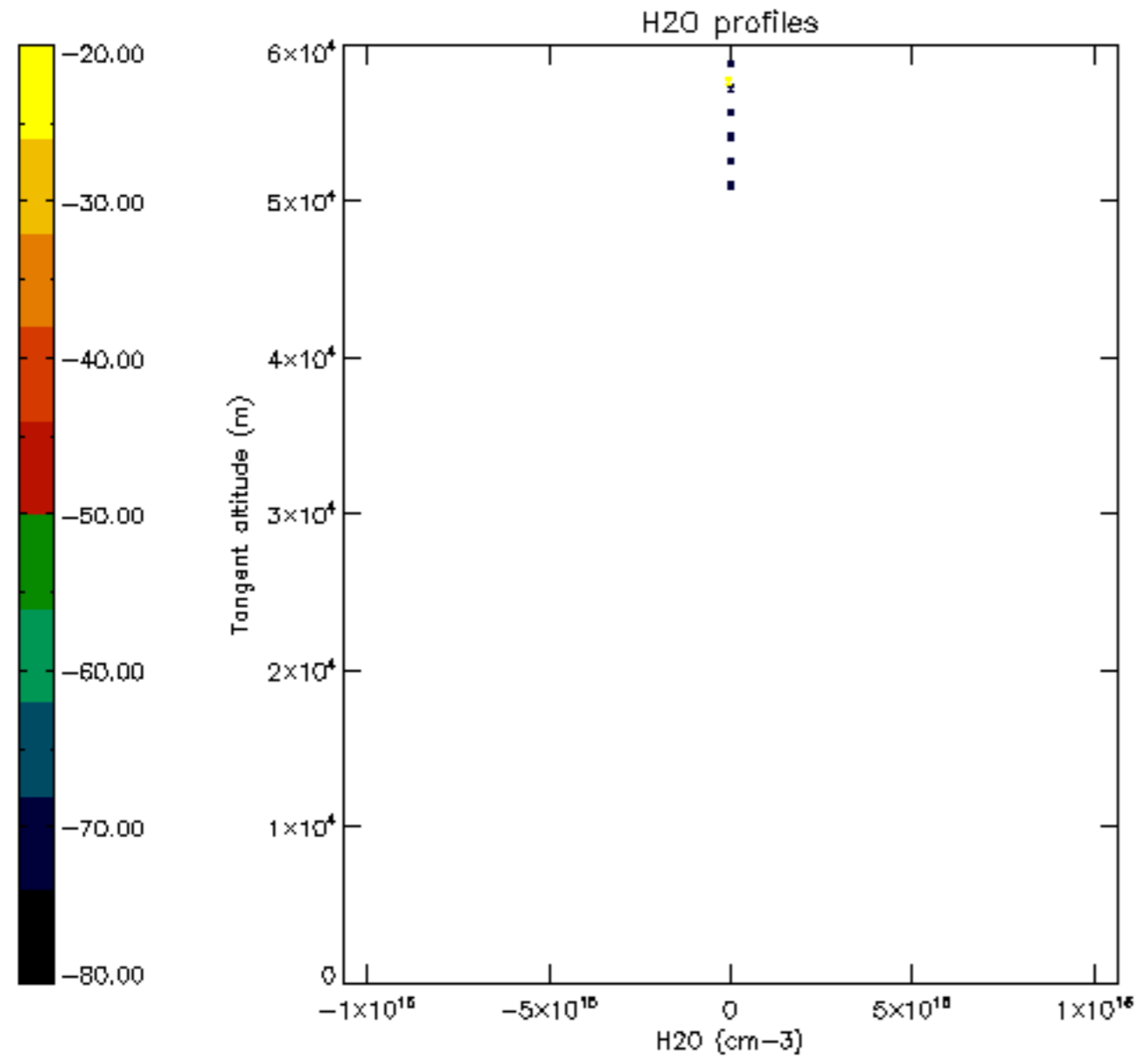


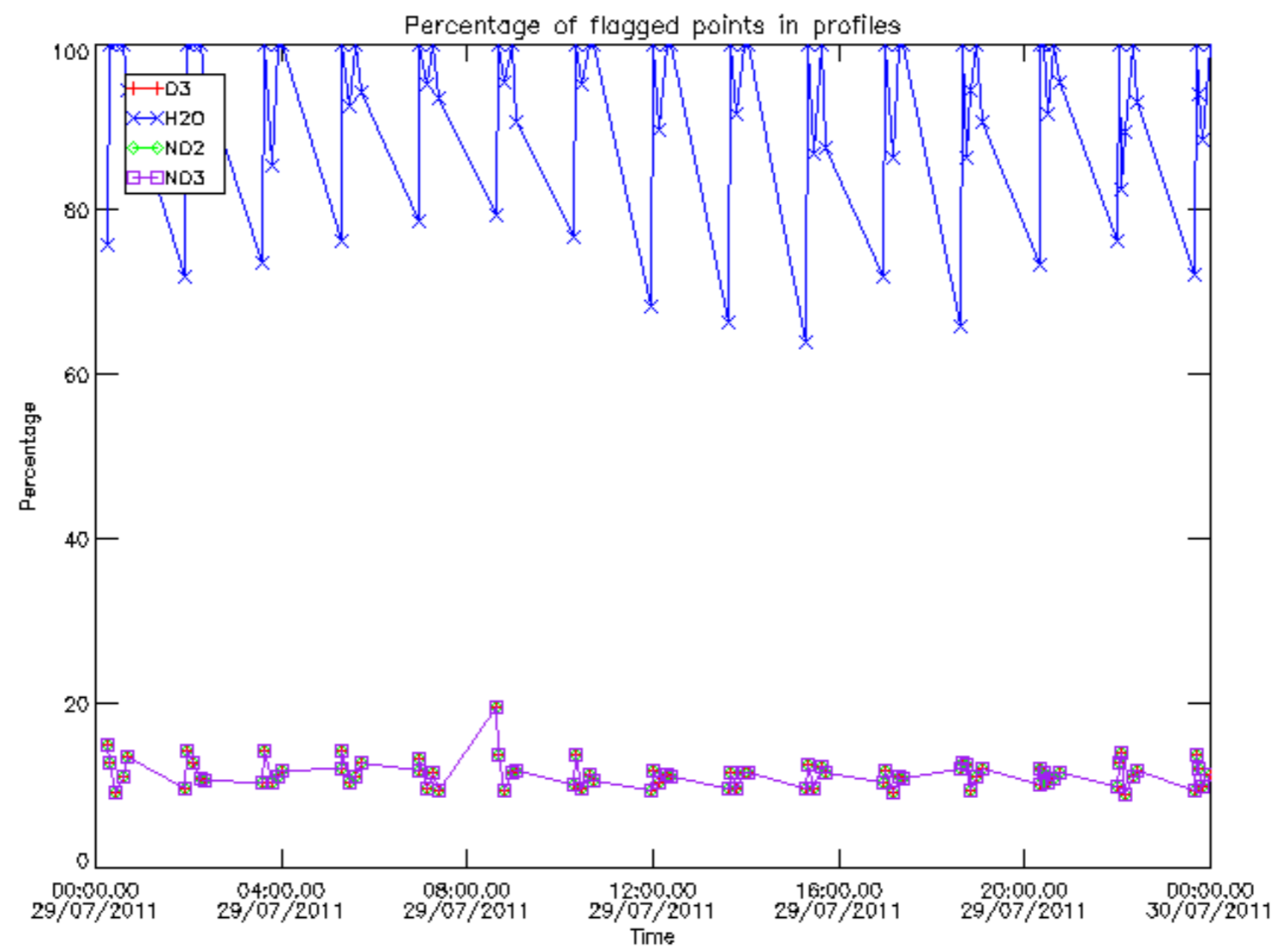




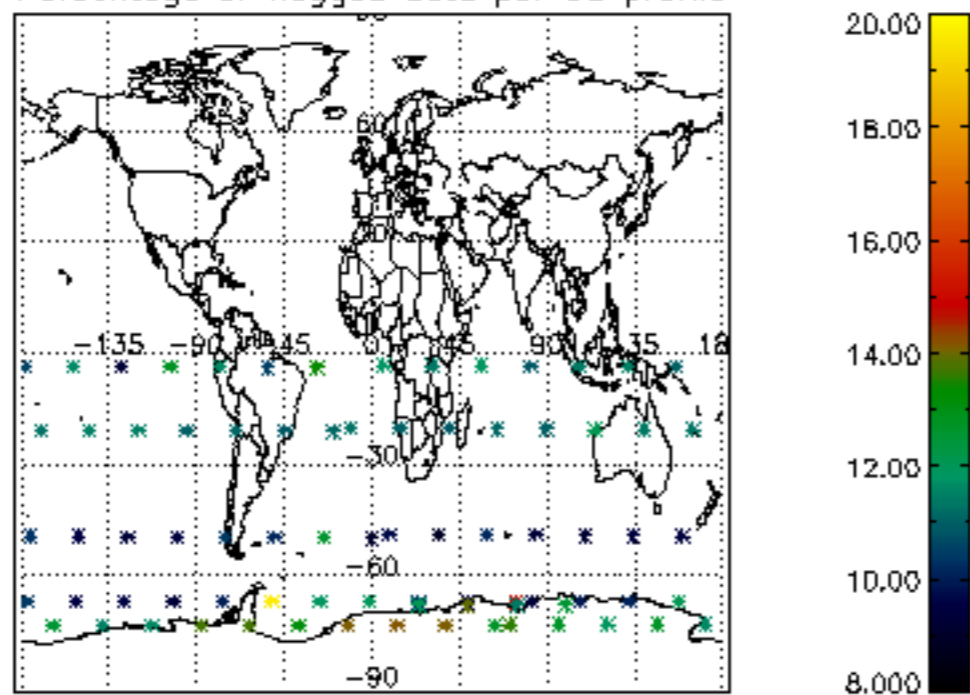




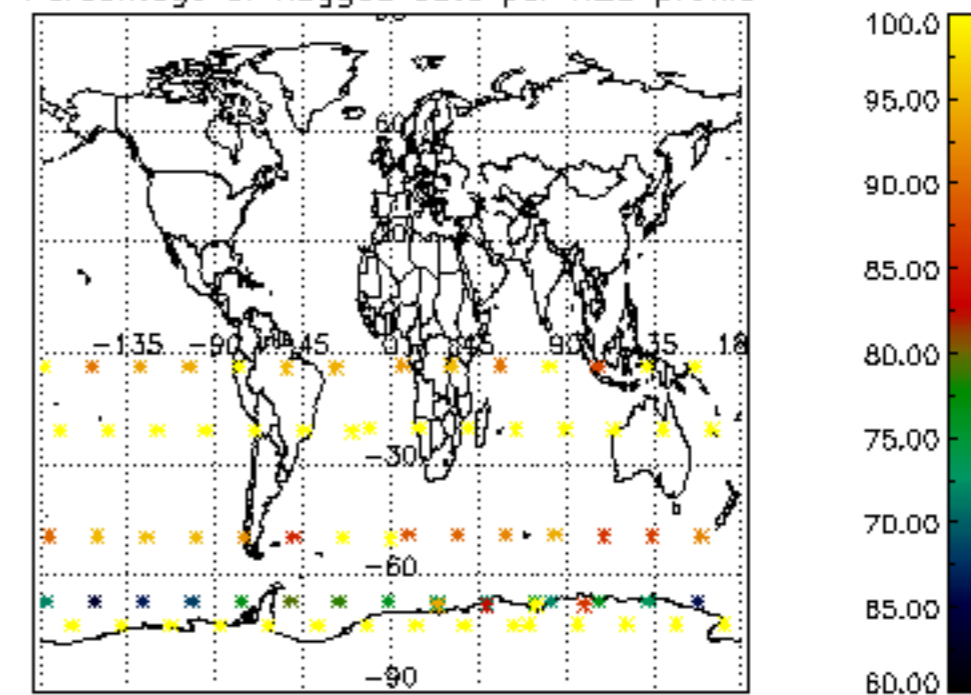




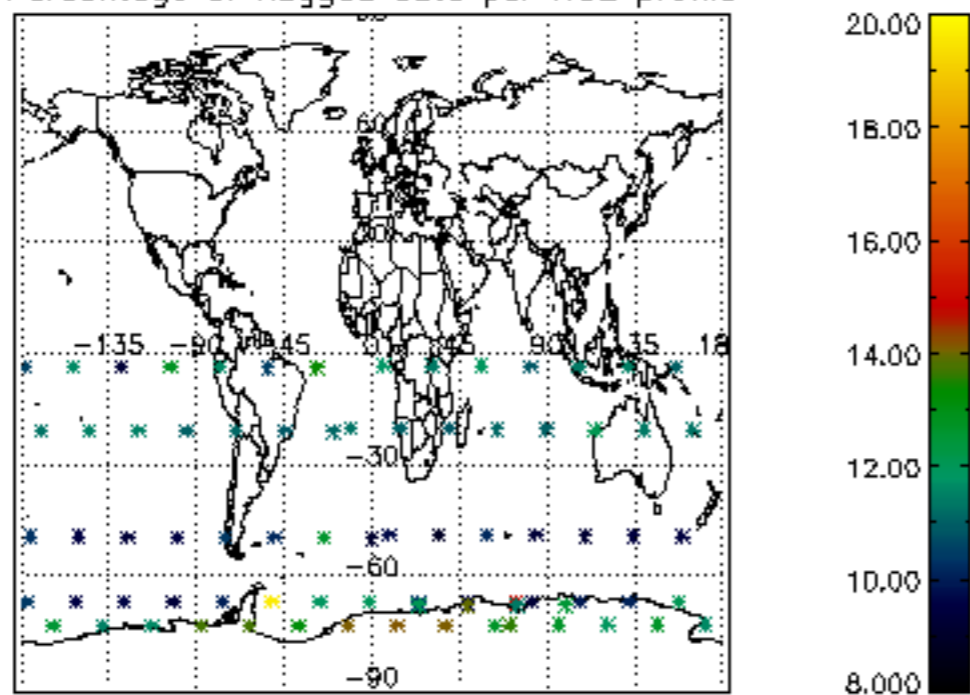
Percentage of flagged data per D3 profile



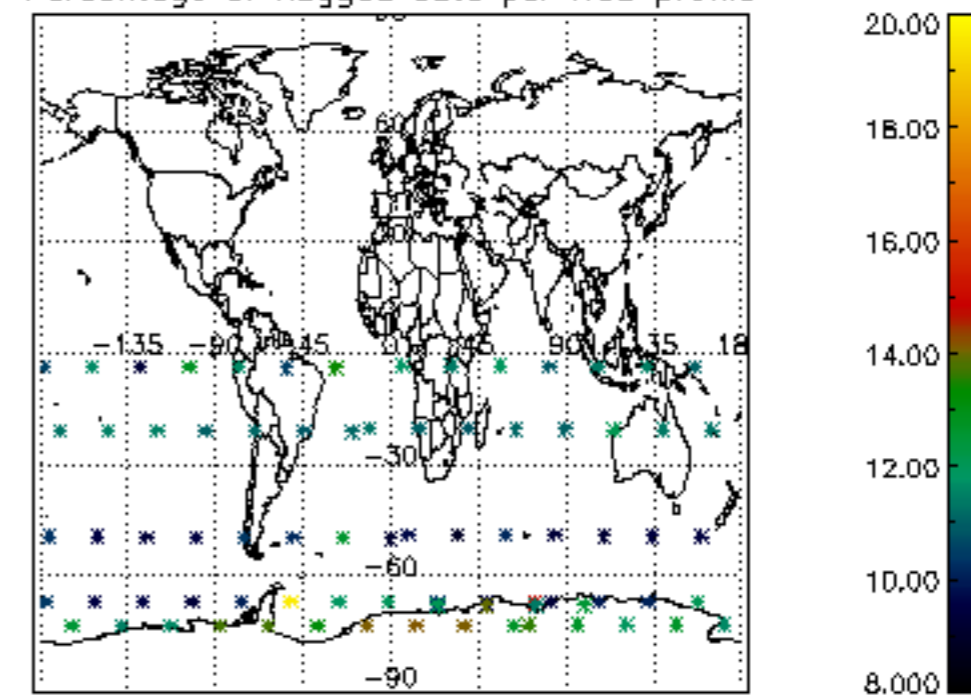
Percentage of flagged data per H2O profile

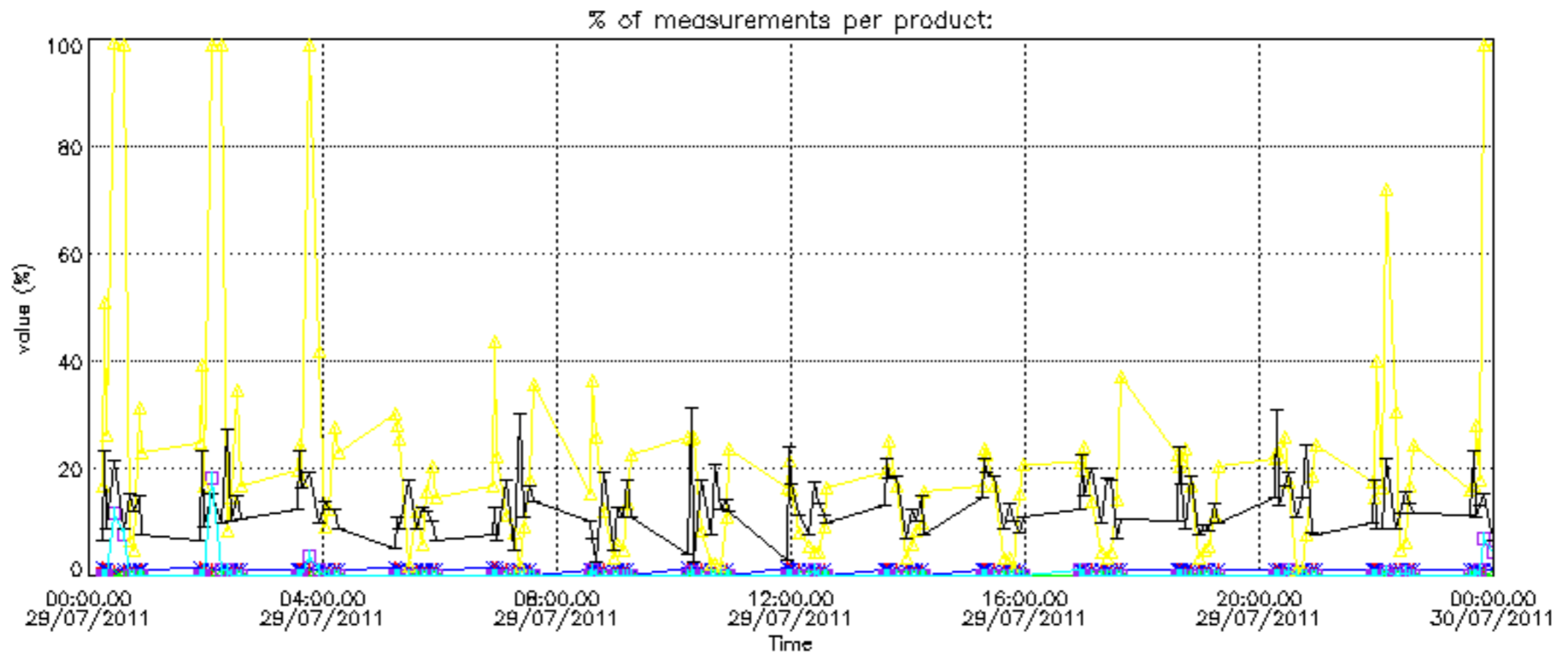


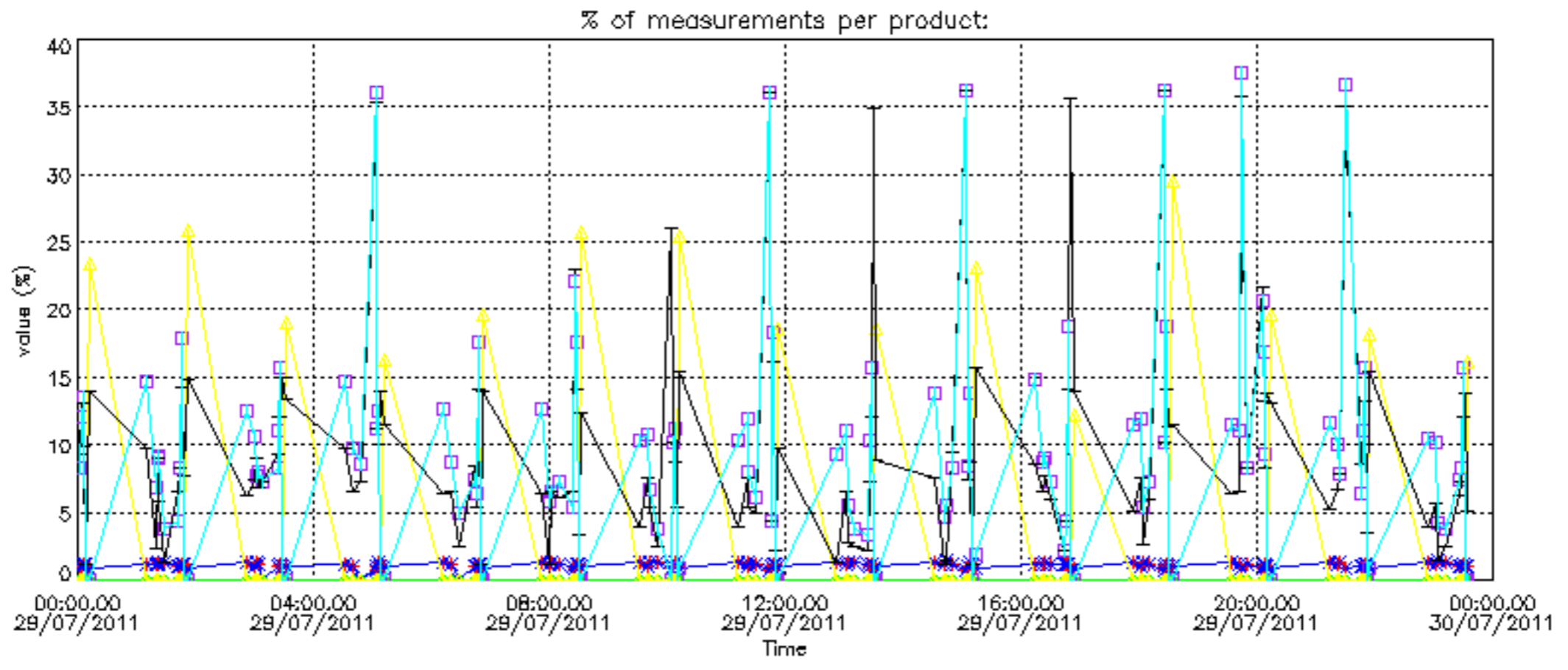
Percentage of flagged data per NO2 profile



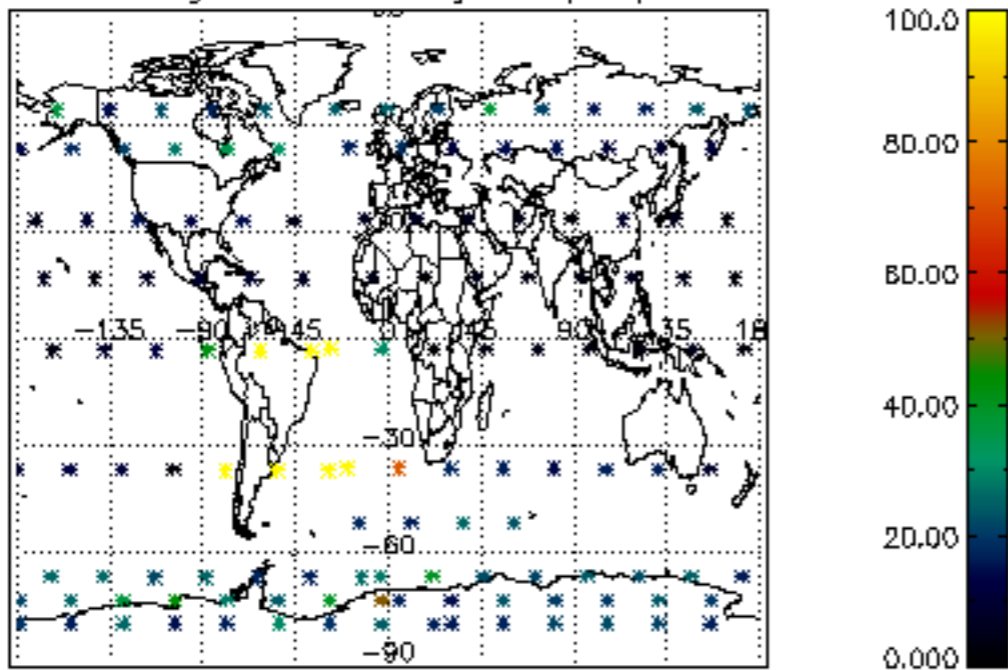
Percentage of flagged data per NO3 profile



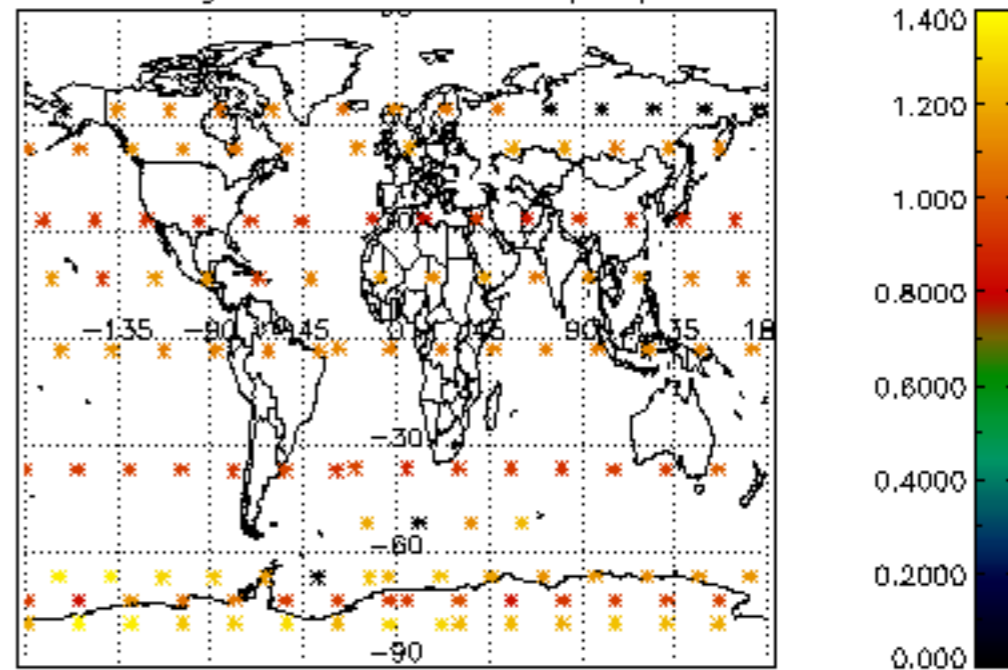




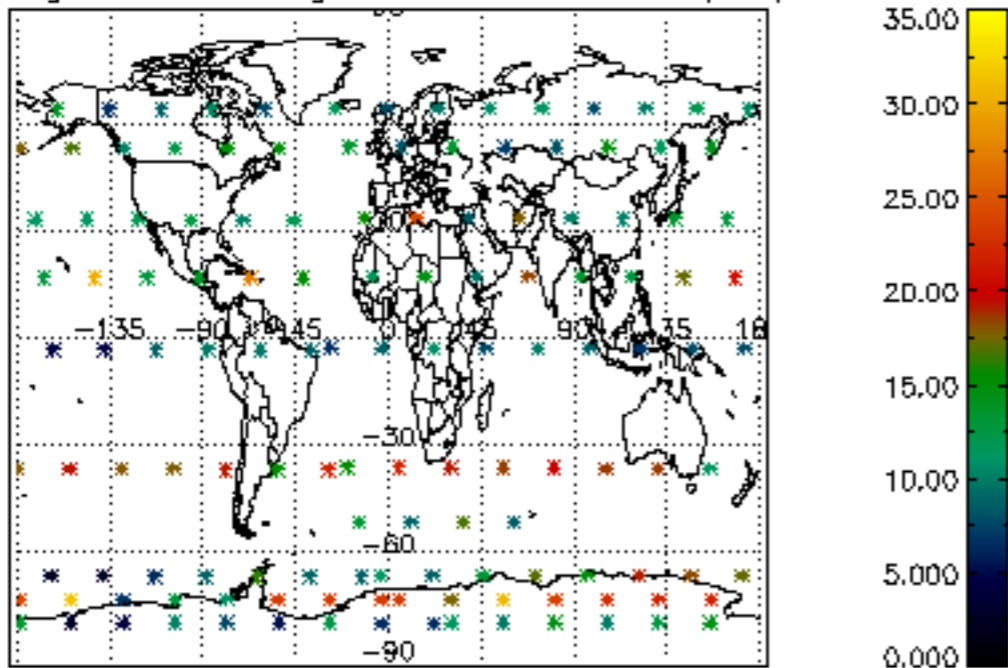
Percentage of cosmic ray hits per profile



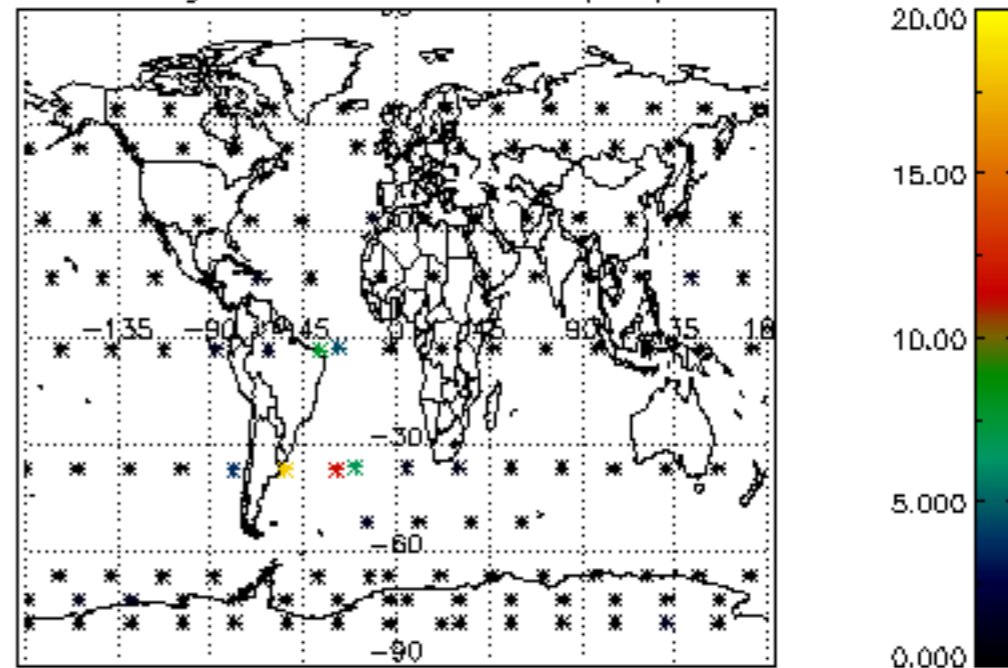
Percentage of datation errors per profile



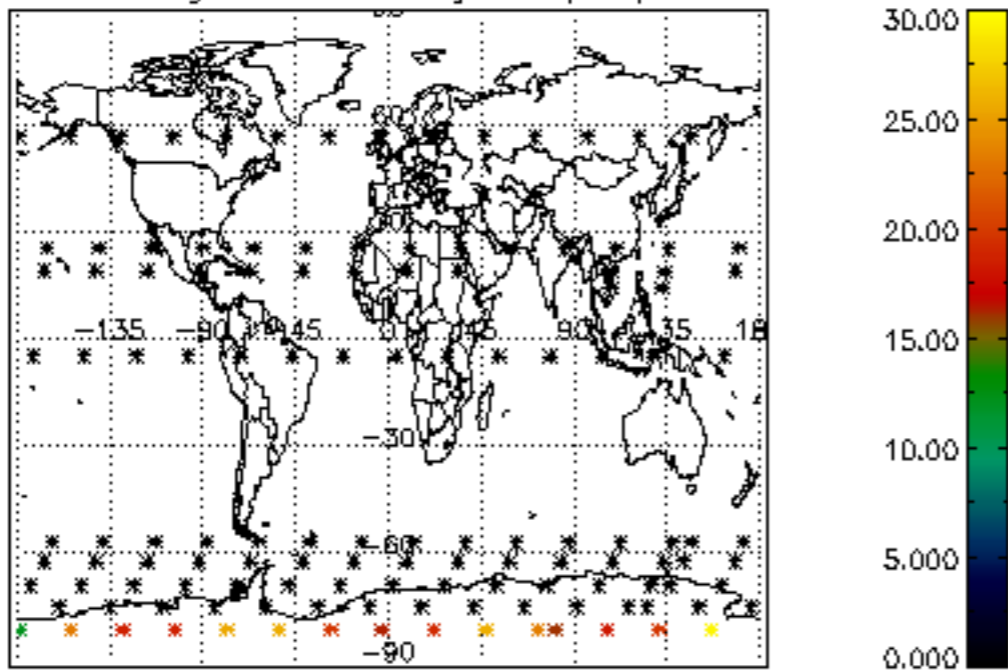
Percentage of star falling outside central band per profile



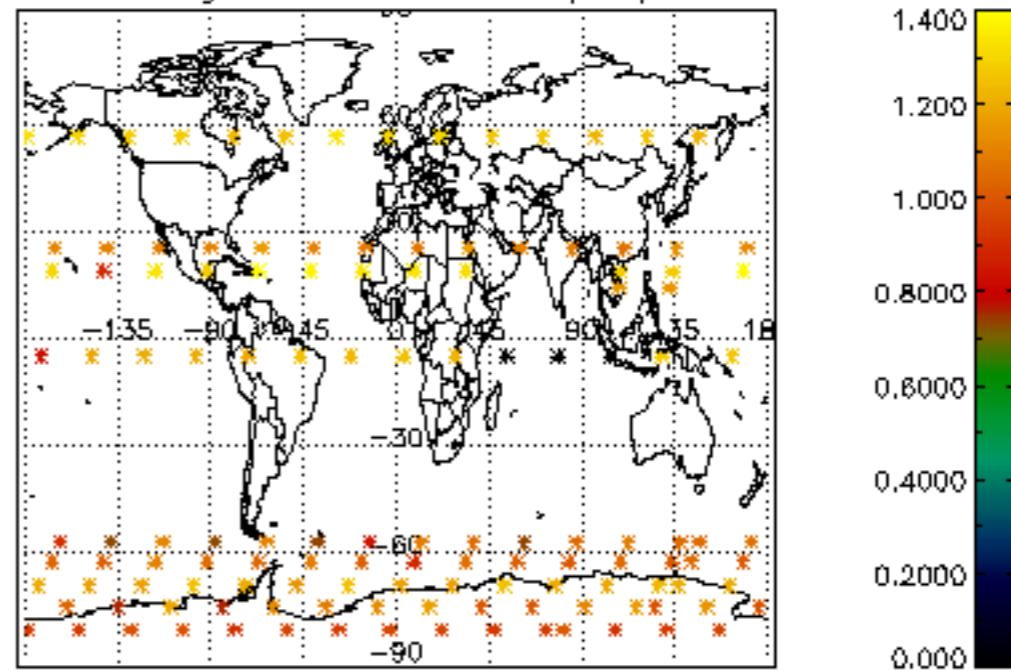
Percentage of saturation errors per profile



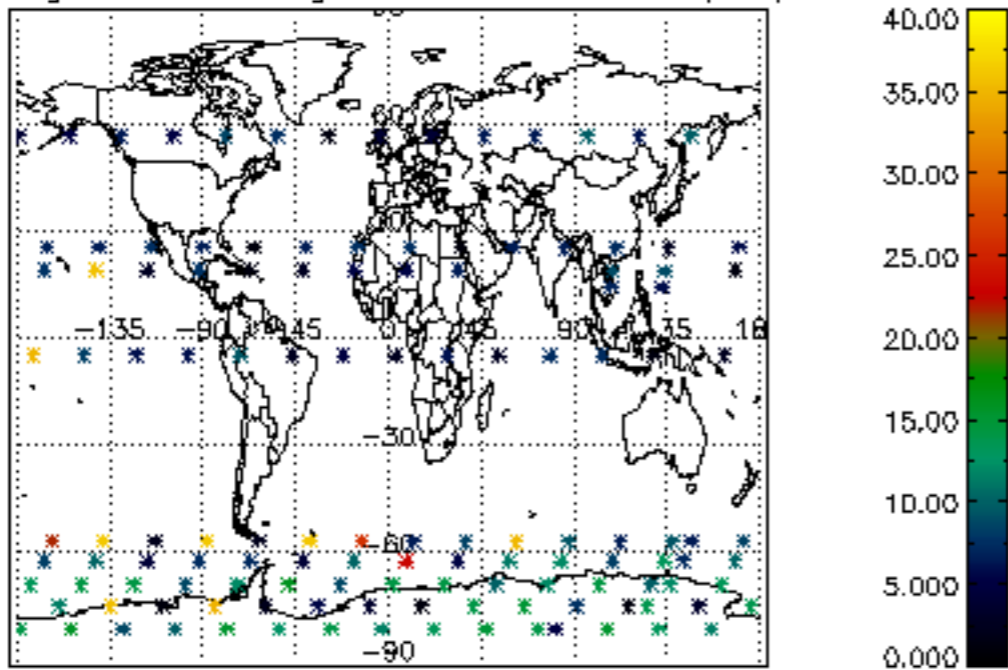
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

