

# GOMOS Level 2 Daily Report

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

Item	Value
Time of report generation	26APR2013 15:41:56
Data source version	GOMOS/6.01
Start time of products	07-12-2009 (07DEC2009 00:00:00)
Stop time of products	08-12-2009 (08DEC2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	329
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__2PRFIN20091207_000315_000000502084_00488_40622_5004.N1	07-DEC-2009 00:03:15	Dark	49.500	100	4Gam Crv	2.5800	13100.	99	40622	No
2	GOM_NL__2PRFIN20091207_000451_000000522084_00488_40622_5005.N1	07-DEC-2009 00:04:51	Dark	52.000	171	2Eps Crv	3.0010	4250.0	104	40622	No
3	GOM_NL__2PRFIN20091207_001412_000000452084_00489_40623_4991.N1	07-DEC-2009 00:14:12	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	40623	No
4	GOM_NL__2PRFIN20091207_002252_000000532084_00489_40623_4992.N1	07-DEC-2009 00:22:52	Dark	52.500	34	Gam2Vel	1.7930	23000.	105	40623	No
5	GOM_NL__2PRFIN20091207_002450_000000582084_00489_40623_4993.N1	07-DEC-2009 00:24:50	Dark	57.500	70	Zet Pup	2.2460	39000.	115	40623	No
6	GOM_NL__2PRFIN20091207_002800_000000572084_00489_40623_4994.N1	07-DEC-2009 00:28:00	Dark	57.000	117	Pi Pup	2.7060	3800.0	114	40623	No
7	GOM_NL__2PRFIN20091207_003135_000000642084_00489_40623_4995.N1	07-DEC-2009 00:31:35	Dark	64.000	23	21Eps CMa	1.5020	26000.	128	40623	No
8	GOM_NL__2PRFIN20091207_003652_000000572084_00489_40623_4996.N1	07-DEC-2009 00:36:52	Straylight	57.000	47	2Bet CMa	1.9760	28000.	114	40623	No
9	GOM_NL__2PRFIN20091207_004042_000000552084_00489_40623_4997.N1	07-DEC-2009 00:40:42	Straylight	55.000	7	19Bet Ori	0.10000	14000.	110	40623	No
10	GOM_NL__2PRFIN20091207_004321_000000592084_00489_40623_4998.N1	07-DEC-2009 00:43:21	Straylight	58.500	30	46Eps Ori	1.6940	30000.	117	40623	No
11	GOM_NL__2PRFIN20091207_004553_000000552084_00489_40623_4999.N1	07-DEC-2009 00:45:53	Tw_i_and_stray	55.000	27	24Gam Ori	1.6360	26000.	110	40623	No
12	GOM_NL__2PRFIN20091207_004822_000000532084_00489_40623_5000.N1	07-DEC-2009 00:48:22	Bright	53.000	13	87Alp Tau	0.86700	3800.0	106	40623	No
13	GOM_NL__2PRFIN20091207_005129_000000512084_00489_40623_5001.N1	07-DEC-2009 00:51:29	Bright	50.500	176	23Zet Tau	3.0200	22000.	101	40623	No
14	GOM_NL__2PRFIN20091207_005354_000000452084_00489_40623_5002.N1	07-DEC-2009 00:53:54	Bright	44.500	114	31lot Aur	2.6930	4600.0	89	40623	No
15	GOM_NL__2PRFIN20091207_005811_000000462084_00489_40623_5003.N1	07-DEC-2009 00:58:11	Bright	45.500	6	13Alp Aur	0.080000	3400.0	91	40623	No
16	GOM_NL__2PRFIN20091207_005937_000000492084_00489_40623_5004.N1	07-DEC-2009 00:59:37	Bright	48.500	42	34Bet Aur	1.9000	10200.	97	40623	No
17	GOM_NL__2PRFIN20091207_011443_000000492084_00489_40623_5005.N1	07-DEC-2009 01:14:43	Bright	48.500	36	50Alp UMa	1.8000	6300.0	97	40623	No
18	GOM_NL__2PRFIN20091207_011616_000000482084_00489_40623_5006.N1	07-DEC-2009 01:16:16	Bright	47.500	82	48Bet UMa	2.3650	10600.	95	40623	No
19	GOM_NL__2PRFIN20091207_011819_000000492084_00489_40623_5007.N1	07-DEC-2009 01:18:19	Bright	49.000	32	77Eps UMa	1.7630	11000.	98	40623	No
20	GOM_NL__2PRFIN20091207_012035_000000392084_00489_40623_5008.N1	07-DEC-2009 01:20:35	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	40623	No
21	GOM_NL__2PRFIN20091207_012407_000000422084_00489_40623_5009.N1	07-DEC-2009 01:24:07	Bright	42.000	152	12Alp2CVn	2.8900	11000.	84	40623	No
22	GOM_NL__2PRFIN20091207_013311_000000632084_00489_40623_5010.N1	07-DEC-2009 01:33:11	Bright	63.000	138	47Eps Vir	2.8280	4700.0	126	40623	No
23	GOM_NL__2PRFIN20091207_013751_000000542084_00489_40623_5011.N1	07-DEC-2009 01:37:51	Bright	53.500	121	29Gam Vir	2.7400	7200.0	107	40623	No
24	GOM_NL__2PRFIN20091207_014528_000000532084_00489_40623_5012.N1	07-DEC-2009 01:45:28	Dark	53.000	171	2Eps Crv	3.0010	4250.0	106	40623	No
25	GOM_NL__2PRFIN20091207_015448_000000482084_00490_40624_5002.N1	07-DEC-2009 01:54:48	Dark	47.500	113	Mu Vel	2.6920	5000.0	95	40624	No
26	GOM_NL__2PRFIN20091207_020329_000000522084_00490_40624_5003.N1	07-DEC-2009 02:03:29	Dark	52.000	34	Gam2Vel	1.7930	23000.	104	40624	No
27	GOM_NL__2PRFIN20091207_020527_000000532084_00490_40624_5004.N1	07-DEC-2009 02:05:27	Dark	52.500	70	Zet Pup	2.2460	39000.	105	40624	No
28	GOM_NL__2PRFIN20091207_020837_000000592084_00490_40624_5005.N1	07-DEC-2009 02:08:37	Dark	59.000	117	Pi Pup	2.7060	3800.0	118	40624	No
29	GOM_NL__2PRFIN20091207_021211_000000622084_00490_40624_5006.N1	07-DEC-2009 02:12:11	Dark	62.000	23	21Eps CMa	1.5020	26000.	124	40624	No
30	GOM_NL__2PRFIN20091207_021728_000000612084_00490_40624_5007.N1	07-DEC-2009 02:17:28	Straylight	60.500	47	2Bet CMa	1.9760	28000.	121	40624	No
31	GOM_NL__2PRFIN20091207_022118_000000532084_00490_40624_5008.N1	07-DEC-2009 02:21:18	Straylight	52.500	7	19Bet Ori	0.10000	14000.	105	40624	No
32	GOM_NL__2PRFIN20091207_022357_000000572084_00490_40624_5009.N1	07-DEC-2009 02:23:57	Straylight	57.000	30	46Eps Ori	1.6940	30000.	114	40624	No
33	GOM_NL__2PRFIN20091207_022629_000000532084_00490_40624_5010.N1	07-DEC-2009 02:26:29	Tw_i_and_stray	53.000	27	24Gam Ori	1.6360	26000.	106	40624	No
34	GOM_NL__2PRFIN20091207_022858_000000542084_00490_40624_5011.N1	07-DEC-2009 02:28:58	Bright	54.000	13	87Alp Tau	0.86700	3800.0	108	40624	No
35	GOM_NL__2PRFIN20091207_023204_000000532084_00490_40624_5012.N1	07-DEC-2009 02:32:04	Bright	52.500	176	23Zet Tau	3.0200	22000.	105	40624	No
36	GOM_NL__2PRFIN20091207_023430_000000442084_00490_40624_5013.N1	07-DEC-2009 02:34:30	Bright	44.000	114	31lot Aur	2.6930	4600.0	88	40624	No
37	GOM_NL__2PRFIN20091207_023847_000000462084_00490_40624_5014.N1	07-DEC-2009 02:38:47	Bright	46.000	6	13Alp Aur	0.080000	3400.0	92	40624	No
38	GOM_NL__2PRFIN20091207_024012_000000482084_00490_40624_5015.N1	07-DEC-2009 02:40:12	Bright	48.000	42	34Bet Aur	1.9000	10200.	96	40624	No
39	GOM_NL__2PRFIN20091207_025518_000000512084_00490_40624_5016.N1	07-DEC-2009 02:55:18	Bright	51.000	36	50Alp UMa	1.8000	6300.0	102	40624	No
40	GOM_NL__2PRFIN20091207_025652_000000512084_00490_40624_5017.N1	07-DEC-2009 02:56:52	Bright	50.500	82	48Bet UMa	2.3650	10600.	101	40624	No
41	GOM_NL__2PRFIN20091207_025855_000000402084_00490_40624_5018.N1	07-DEC-2009 02:58:55	Bright	39.500	32	77Eps UMa	1.7630	11000.	79	40624	No
42	GOM_NL__2PRFIN20091207_030111_000000432084_00490_40624_5019.N1	07-DEC-2009 03:01:11	Bright	42.500	39	85Eta UMa	1.8540	24000.	85	40624	No

43	GOM_NL__2PRFIN20091207_030443_000000612084_00490_40624_5020.N1	07-DEC-2009 03:04:43	Bright	60.500	152	12Alp2CVn	2.8900	11000.	121	40624	No
44	GOM_NL__2PRFIN20091207_031347_000000632084_00490_40624_5021.N1	07-DEC-2009 03:13:47	Bright	63.000	138	47Eps Vir	2.8280	4700.0	126	40624	No
45	GOM_NL__2PRFIN20091207_031828_000000522084_00490_40624_5022.N1	07-DEC-2009 03:18:28	Bright	52.000	121	29Gam Vir	2.7400	7200.0	104	40624	No
46	GOM_NL__2PRFIN20091207_032605_000000542084_00490_40624_5023.N1	07-DEC-2009 03:26:05	Dark	53.500	171	2Eps Crv	3.0010	4250.0	107	40624	No
47	GOM_NL__2PRFIN20091207_033525_000000462084_00491_40625_5011.N1	07-DEC-2009 03:35:25	Dark	46.000	113	Mu Vel	2.6920	5000.0	92	40625	No
48	GOM_NL__2PRFIN20091207_034406_000000562084_00491_40625_5012.N1	07-DEC-2009 03:44:06	Dark	56.000	34	Gam2Vel	1.7930	23000.	112	40625	No
49	GOM_NL__2PRFIN20091207_034603_000000522084_00491_40625_5013.N1	07-DEC-2009 03:46:03	Dark	52.000	70	Zet Pup	2.2460	39000.	104	40625	No
50	GOM_NL__2PRFIN20091207_034914_000000582084_00491_40625_5014.N1	07-DEC-2009 03:49:14	Dark	57.500	117	Pi Pup	2.7060	3800.0	115	40625	No
51	GOM_NL__2PRFIN20091207_035248_000000642084_00491_40625_5015.N1	07-DEC-2009 03:52:48	Dark	63.500	23	21Eps CMa	1.5020	26000.	127	40625	No
52	GOM_NL__2PRFIN20091207_035805_000000572084_00491_40625_5016.N1	07-DEC-2009 03:58:05	Straylight	57.000	47	2Bet CMa	1.9760	28000.	114	40625	No
53	GOM_NL__2PRFIN20091207_040154_000000532084_00491_40625_5017.N1	07-DEC-2009 04:01:54	Straylight	52.500	7	19Bet Ori	0.10000	14000.	105	40625	No
54	GOM_NL__2PRFIN20091207_040432_000000562084_00491_40625_5018.N1	07-DEC-2009 04:04:32	Straylight	55.500	30	46Eps Ori	1.6940	30000.	111	40625	No
55	GOM_NL__2PRFIN20091207_040705_000000552084_00491_40625_5019.N1	07-DEC-2009 04:07:05	Tw_i_and_stray	54.500	27	24Gam Ori	1.6360	26000.	109	40625	No
56	GOM_NL__2PRFIN20091207_040934_000000582084_00491_40625_5020.N1	07-DEC-2009 04:09:34	Bright	58.000	13	87Alp Tau	0.86700	3800.0	116	40625	No
57	GOM_NL__2PRFIN20091207_041239_000000512084_00491_40625_5021.N1	07-DEC-2009 04:12:39	Bright	50.500	176	23Zet Tau	3.0200	22000.	101	40625	No
58	GOM_NL__2PRFIN20091207_041505_000000452084_00491_40625_5022.N1	07-DEC-2009 04:15:05	Bright	44.500	114	3Iot Aur	2.6930	4600.0	89	40625	No
59	GOM_NL__2PRFIN20091207_041922_000000482084_00491_40625_5023.N1	07-DEC-2009 04:19:22	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	40625	No
60	GOM_NL__2PRFIN20091207_042047_000000482084_00491_40625_5024.N1	07-DEC-2009 04:20:47	Bright	48.000	42	34Bet Aur	1.9000	10200.	96	40625	No
61	GOM_NL__2PRFIN20091207_043554_000000472084_00491_40625_5025.N1	07-DEC-2009 04:35:54	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	40625	No
62	GOM_NL__2PRFIN20091207_043727_000000502084_00491_40625_5026.N1	07-DEC-2009 04:37:27	Bright	49.500	82	48Bet UMa	2.3650	10600.	99	40625	No
63	GOM_NL__2PRFIN20091207_043931_000000392084_00491_40625_5027.N1	07-DEC-2009 04:39:31	Bright	39.000	32	77Eps UMa	1.7630	11000.	78	40625	No
64	GOM_NL__2PRFIN20091207_044147_000000552084_00491_40625_5028.N1	07-DEC-2009 04:41:47	Bright	55.000	39	85Eta UMa	1.8540	24000.	110	40625	No
65	GOM_NL__2PRFIN20091207_044519_000000422084_00491_40625_5029.N1	07-DEC-2009 04:45:19	Bright	42.000	152	12Alp2CVn	2.8900	11000.	84	40625	No
66	GOM_NL__2PRFIN20091207_045424_000000402084_00491_40625_5030.N1	07-DEC-2009 04:54:24	Bright	40.000	138	47Eps Vir	2.8280	4700.0	80	40625	No
67	GOM_NL__2PRFIN20091207_045905_000000522084_00491_40625_5031.N1	07-DEC-2009 04:59:05	Bright	52.000	121	29Gam Vir	2.7400	7200.0	104	40625	No
68	GOM_NL__2PRFIN20091207_050505_000000562084_00491_40625_5032.N1	07-DEC-2009 05:05:05	Dark	55.500	100	4Gam Crv	2.5800	13100.	111	40625	No
69	GOM_NL__2PRFIN20091207_050642_000000552084_00491_40625_5033.N1	07-DEC-2009 05:06:42	Dark	54.500	171	2Eps Crv	3.0010	4250.0	109	40625	No
70	GOM_NL__2PRFIN20091207_051602_000000432084_00492_40626_5020.N1	07-DEC-2009 05:16:02	Dark	43.000	113	Mu Vel	2.6920	5000.0	86	40626	No
71	GOM_NL__2PRFIN20091207_052443_000000492084_00492_40626_5021.N1	07-DEC-2009 05:24:43	Dark	49.000	34	Gam2Vel	1.7930	23000.	98	40626	No
72	GOM_NL__2PRFIN20091207_052640_000000532084_00492_40626_5022.N1	07-DEC-2009 05:26:40	Dark	53.000	70	Zet Pup	2.2460	39000.	106	40626	No
73	GOM_NL__2PRFIN20091207_052950_000000582084_00492_40626_5023.N1	07-DEC-2009 05:29:50	Dark	58.000	117	Pi Pup	2.7060	3800.0	116	40626	No
74	GOM_NL__2PRFIN20091207_053324_000000632084_00492_40626_5024.N1	07-DEC-2009 05:33:24	Dark	62.500	23	21Eps CMa	1.5020	26000.	125	40626	No
75	GOM_NL__2PRFIN20091207_053840_000000592084_00492_40626_5025.N1	07-DEC-2009 05:38:40	Straylight	59.000	47	2Bet CMa	1.9760	28000.	118	40626	No
76	GOM_NL__2PRFIN20091207_054230_000000532084_00492_40626_5026.N1	07-DEC-2009 05:42:30	Straylight	53.000	7	19Bet Ori	0.10000	14000.	106	40626	No
77	GOM_NL__2PRFIN20091207_054508_000000542084_00492_40626_5027.N1	07-DEC-2009 05:45:08	Straylight	53.500	30	46Eps Ori	1.6940	30000.	107	40626	No
78	GOM_NL__2PRFIN20091207_054740_000000542084_00492_40626_5028.N1	07-DEC-2009 05:47:40	Tw_i_and_stray	53.500	27	24Gam Ori	1.6360	26000.	107	40626	No
79	GOM_NL__2PRFIN20091207_055010_000000582084_00492_40626_5029.N1	07-DEC-2009 05:50:10	Bright	58.000	13	87Alp Tau	0.86700	3800.0	116	40626	No
80	GOM_NL__2PRFIN20091207_055315_000000502084_00492_40626_5030.N1	07-DEC-2009 05:53:15	Bright	50.000	176	23Zet Tau	3.0200	22000.	100	40626	No
81	GOM_NL__2PRFIN20091207_055541_000000452084_00492_40626_5031.N1	07-DEC-2009 05:55:41	Bright	45.000	114	3Iot Aur	2.6930	4600.0	90	40626	No
82	GOM_NL__2PRFIN20091207_055958_000000472084_00492_40626_5032.N1	07-DEC-2009 05:59:58	Bright	46.500	6	13Alp Aur	0.080000	3400.0	93	40626	No
83	GOM_NL__2PRFIN20091207_060122_000000462084_00492_40626_5033.N1	07-DEC-2009 06:01:22	Bright	45.500	42	34Bet Aur	1.9000	10200.	91	40626	No
84	GOM_NL__2PRFIN20091207_061629_000000482084_00492_40626_5034.N1	07-DEC-2009 06:16:29	Bright	47.500	36	50Alp UMa	1.8000	6300.0	95	40626	No
85	GOM_NL__2PRFIN20091207_061802_000000482084_00492_40626_5035.N1	07-DEC-2009 06:18:02	Bright	48.000	82	48Bet UMa	2.3650	10600.	96	40626	No
86	GOM_NL__2PRFIN20091207_062007_000000412084_00492_40626_5036.N1	07-DEC-2009 06:20:07	Bright	40.500	32	77Eps UMa	1.7630	11000.	81	40626	No
87	GOM_NL__2PRFIN20091207_062223_000000422084_00492_40626_5037.N1	07-DEC-2009 06:22:23	Bright	42.000	39	85Eta UMa	1.8540	24000.	84	40626	No
88	GOM_NL__2PRFIN20091207_062555_000000422084_00492_40626_5038.N1	07-DEC-2009 06:25:55	Bright	41.500	152	12Alp2CVn	2.8900	11000.	83	40626	No
89	GOM_NL__2PRFIN20091207_063137_000000552084_00492_40626_5039.N1	07-DEC-2009 06:31:37	Bright	55.000	111	8Eta Boo	2.6800	6000.0	110	40626	No
90	GOM_NL__2PRFIN20091207_063500_000000632084_00492_40626_5040.N1	07-DEC-2009 06:35:00	Bright	63.000	138	47Eps Vir	2.8280	4700.0	126	40626	No
91	GOM_NL__2PRFIN20091207_063942_000000492084_00492_40626_5041.N1	07-DEC-2009 06:39:42	Bright	49.000	121	29Gam Vir	2.7400	7200.0	98	40626	No
92	GOM_NL__2PRFIN20091207_064542_000000532084_00492_40626_5042.N1	07-DEC-2009 06:45:42	Dark	53.000	100	4Gam Crv	2.5800	13100.	106	40626	No
93	GOM_NL__2PRFIN20091207_064719_000000532084_00492_40626_5043.N1	07-DEC-2009 06:47:19	Dark	52.500	171	2Eps Crv	3.0010	4250.0	105	40626	No
94	GOM_NL__2PRFIN20091207_065639_000000432084_00493_40627_5049.N1	07-DEC-2009 06:56:39	Dark	42.500	113	Mu Vel	2.6920	5000.0	85	40627	No
95	GOM_NL__2PRFIN20091207_070519_000000482084_00493_40627_5050.N1	07-DEC-2009 07:05:19	Dark	48.000	34	Gam2Vel	1.7930	23000.	96	40627	No
96	GOM_NL__2PRFIN20091207_070717_000000512084_00493_40627_5051.N1	07-DEC-2009 07:07:17	Dark	51.000	70	Zet Pup	2.2460	39000.	102	40627	No
97	GOM_NL__2PRFIN20091207_071027_000000602084_00493_40627_5052.N1	07-DEC-2009 07:10:27	Dark	60.000	117	Pi Pup	2.7060	3800.0	120	40627	No
98	GOM_NL__2PRFIN20091207_071401_000000622084_00493_40627_5053.N1	07-DEC-2009 07:14:01	Dark	62.000	23	21Eps CMa	1.5020	26000.	124	40627	No
99	GOM_NL__2PRFIN20091207_071917_000000582084_00493_40627_5054.N1	07-DEC-2009 07:19:17	Straylight	58.000	47	2Bet CMa	1.9760	28000.	116	40627	No
100	GOM_NL__2PRFIN20091207_072306_000000542084_00493_40627_5055.N1	07-DEC-2009 07:23:06	Straylight	54.000	7	19Bet Ori	0.10000	14000.	108	40627	No
101	GOM_NL__2PRFIN20091207_072544_000000552084_00493_40627_5056.N1	07-DEC-2009 07:25:44	Straylight	55.000	30	46Eps Ori	1.6940	30000.	110	40627	No

102	GOM_NL__2PRFIN20091207_072816_000000522084_00493_40627_5057.N1	07-DEC-2009 07:28:16	Tw_i_and_stray	51.500	27	24Gam Ori	1.6360	26000.	103	40627	No
103	GOM_NL__2PRFIN20091207_073045_000000582084_00493_40627_5058.N1	07-DEC-2009 07:30:45	Bright	58.000	13	87Alp Tau	0.86700	3800.0	116	40627	No
104	GOM_NL__2PRFIN20091207_073350_000000492084_00493_40627_5059.N1	07-DEC-2009 07:33:50	Bright	49.000	176	23Zet Tau	3.0200	22000.	98	40627	No
105	GOM_NL__2PRFIN20091207_073616_000000432084_00493_40627_5060.N1	07-DEC-2009 07:36:16	Bright	43.000	114	3Iot Aur	2.6930	4600.0	86	40627	No
106	GOM_NL__2PRFIN20091207_074033_000000482084_00493_40627_5061.N1	07-DEC-2009 07:40:33	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	40627	No
107	GOM_NL__2PRFIN20091207_074157_000000472084_00493_40627_5062.N1	07-DEC-2009 07:41:57	Bright	47.000	42	34Bet Aur	1.9000	10200.	94	40627	No
108	GOM_NL__2PRFIN20091207_075705_000000492084_00493_40627_5063.N1	07-DEC-2009 07:57:05	Bright	48.500	36	50Alp UMa	1.8000	6300.0	97	40627	No
109	GOM_NL__2PRFIN20091207_075838_000000492084_00493_40627_5064.N1	07-DEC-2009 07:58:38	Bright	48.500	82	48Bet UMa	2.3650	10600.	97	40627	No
110	GOM_NL__2PRFIN20091207_080043_000000452084_00493_40627_5065.N1	07-DEC-2009 08:00:43	Bright	45.000	32	77Eps UMa	1.7630	11000.	90	40627	No
111	GOM_NL__2PRFIN20091207_080259_000000552084_00493_40627_5066.N1	07-DEC-2009 08:02:59	Bright	55.000	39	85Eta UMa	1.8540	24000.	110	40627	No
112	GOM_NL__2PRFIN20091207_080630_000000422084_00493_40627_5067.N1	07-DEC-2009 08:06:30	Bright	41.500	152	12Alp2CVn	2.8900	11000.	83	40627	No
113	GOM_NL__2PRFIN20091207_081214_000000552084_00493_40627_5068.N1	07-DEC-2009 08:12:14	Bright	55.000	111	8Eta Boo	2.6800	6000.0	110	40627	No
114	GOM_NL__2PRFIN20091207_081536_000000522084_00493_40627_5069.N1	07-DEC-2009 08:15:36	Bright	51.500	138	47Eps Vir	2.8280	4700.0	103	40627	No
115	GOM_NL__2PRFIN20091207_082018_000000532084_00493_40627_5070.N1	07-DEC-2009 08:20:18	Bright	52.500	121	29Gam Vir	2.7400	7200.0	105	40627	No
116	GOM_NL__2PRFIN20091207_082619_000000512084_00493_40627_5071.N1	07-DEC-2009 08:26:19	Dark	50.500	100	4Gam Crv	2.5800	13100.	101	40627	No
117	GOM_NL__2PRFIN20091207_082756_000000542084_00493_40627_5072.N1	07-DEC-2009 08:27:56	Dark	53.500	171	2Eps Crv	3.0010	4250.0	107	40627	No
118	GOM_NL__2PRFIN20091207_083716_000000512084_00494_40628_5079.N1	07-DEC-2009 08:37:16	Dark	51.000	113	Mu Vel	2.6920	5000.0	102	40628	No
119	GOM_NL__2PRFIN20091207_084556_000000462084_00494_40628_5080.N1	07-DEC-2009 08:45:56	Dark	46.000	34	Gam2Vel	1.7930	23000.	92	40628	No
120	GOM_NL__2PRFIN20091207_084754_000000582084_00494_40628_5081.N1	07-DEC-2009 08:47:54	Dark	57.500	70	Zet Pup	2.2460	39000.	115	40628	No
121	GOM_NL__2PRFIN20091207_085104_000000602084_00494_40628_5082.N1	07-DEC-2009 08:51:04	Dark	59.500	117	Pi Pup	2.7060	3800.0	119	40628	No
122	GOM_NL__2PRFIN20091207_085438_000000622084_00494_40628_5083.N1	07-DEC-2009 08:54:38	Dark	61.500	23	21Eps CMa	1.5020	26000.	123	40628	No
123	GOM_NL__2PRFIN20091207_085953_000000612084_00494_40628_5084.N1	07-DEC-2009 08:59:53	Straylight	61.000	47	2Bet CMa	1.9760	28000.	122	40628	No
124	GOM_NL__2PRFIN20091207_090342_000000532084_00494_40628_5085.N1	07-DEC-2009 09:03:42	Straylight	52.500	7	19Bet Ori	0.10000	14000.	105	40628	No
125	GOM_NL__2PRFIN20091207_090619_000000562084_00494_40628_5086.N1	07-DEC-2009 09:06:19	Straylight	55.500	30	46Eps Ori	1.6940	30000.	111	40628	No
126	GOM_NL__2PRFIN20091207_090851_000000522084_00494_40628_5087.N1	07-DEC-2009 09:08:51	Tw_i_and_stray	51.500	27	24Gam Ori	1.6360	26000.	103	40628	No
127	GOM_NL__2PRFIN20091207_091121_000000582084_00494_40628_5088.N1	07-DEC-2009 09:11:21	Bright	58.000	13	87Alp Tau	0.86700	3800.0	116	40628	No
128	GOM_NL__2PRFIN20091207_091425_000000502084_00494_40628_5089.N1	07-DEC-2009 09:14:25	Bright	49.500	176	23Zet Tau	3.0200	22000.	99	40628	No
129	GOM_NL__2PRFIN20091207_091652_000000612084_00494_40628_5090.N1	07-DEC-2009 09:16:52	Bright	61.000	114	3Iot Aur	2.6930	4600.0	122	40628	No
130	GOM_NL__2PRFIN20091207_092109_000000472084_00494_40628_5091.N1	07-DEC-2009 09:21:09	Bright	47.000	6	13Alp Aur	0.080000	3400.0	94	40628	No
131	GOM_NL__2PRFIN20091207_092233_000000492084_00494_40628_5092.N1	07-DEC-2009 09:22:33	Bright	48.500	42	34Bet Aur	1.9000	10200.	97	40628	No
132	GOM_NL__2PRFIN20091207_093740_000000512084_00494_40628_5093.N1	07-DEC-2009 09:37:40	Bright	50.500	36	50Alp UMa	1.8000	6300.0	101	40628	No
133	GOM_NL__2PRFIN20091207_093914_000000522084_00494_40628_5094.N1	07-DEC-2009 09:39:14	Bright	51.500	82	48Bet UMa	2.3650	10600.	103	40628	No
134	GOM_NL__2PRFIN20091207_094119_000000412084_00494_40628_5095.N1	07-DEC-2009 09:41:19	Bright	41.000	32	77Eps UMa	1.7630	11000.	82	40628	No
135	GOM_NL__2PRFIN20091207_094335_000000392084_00494_40628_5096.N1	07-DEC-2009 09:43:35	Bright	39.000	39	85Eta UMa	1.8540	24000.	78	40628	No
136	GOM_NL__2PRFIN20091207_094707_000000602084_00494_40628_5097.N1	07-DEC-2009 09:47:07	Bright	60.000	152	12Alp2CVn	2.8900	11000.	120	40628	No
137	GOM_NL__2PRFIN20091207_095250_000000552084_00494_40628_5098.N1	07-DEC-2009 09:52:50	Bright	55.000	111	8Eta Boo	2.6800	6000.0	110	40628	No
138	GOM_NL__2PRFIN20091207_095613_000000472084_00494_40628_5099.N1	07-DEC-2009 09:56:13	Bright	46.500	138	47Eps Vir	2.8280	4700.0	93	40628	No
139	GOM_NL__2PRFIN20091207_100055_000000542084_00494_40628_5100.N1	07-DEC-2009 10:00:55	Bright	53.500	121	29Gam Vir	2.7400	7200.0	107	40628	No
140	GOM_NL__2PRFIN20091207_100656_000000522084_00494_40628_5101.N1	07-DEC-2009 10:06:56	Dark	51.500	100	4Gam Crv	2.5800	13100.	103	40628	No
141	GOM_NL__2PRFIN20091207_100833_000000552084_00494_40628_5102.N1	07-DEC-2009 10:08:33	Dark	54.500	171	2Eps Crv	3.0010	4250.0	109	40628	No
142	GOM_NL__2PRFIN20091207_101752_000000472084_00495_40629_5088.N1	07-DEC-2009 10:17:52	Dark	46.500	113	Mu Vel	2.6920	5000.0	93	40629	No
143	GOM_NL__2PRFIN20091207_102633_000000482084_00495_40629_5089.N1	07-DEC-2009 10:26:33	Dark	47.500	34	Gam2Vel	1.7930	23000.	95	40629	No
144	GOM_NL__2PRFIN20091207_102831_000000512084_00495_40629_5090.N1	07-DEC-2009 10:28:31	Dark	51.000	70	Zet Pup	2.2460	39000.	102	40629	No
145	GOM_NL__2PRFIN20091207_103140_000000572084_00495_40629_5091.N1	07-DEC-2009 10:31:40	Dark	57.000	117	Pi Pup	2.7060	3800.0	114	40629	No
146	GOM_NL__2PRFIN20091207_103514_000000602084_00495_40629_5092.N1	07-DEC-2009 10:35:14	Dark	59.500	23	21Eps CMa	1.5020	26000.	119	40629	No
147	GOM_NL__2PRFIN20091207_104029_000000582084_00495_40629_5093.N1	07-DEC-2009 10:40:29	Straylight	57.500	47	2Bet CMa	1.9760	28000.	115	40629	No
148	GOM_NL__2PRFIN20091207_104418_000000532084_00495_40629_5094.N1	07-DEC-2009 10:44:18	Straylight	52.500	7	19Bet Ori	0.10000	14000.	105	40629	No
149	GOM_NL__2PRFIN20091207_104655_000000562084_00495_40629_5095.N1	07-DEC-2009 10:46:55	Straylight	55.500	30	46Eps Ori	1.6940	30000.	111	40629	No
150	GOM_NL__2PRFIN20091207_104927_000000562084_00495_40629_5096.N1	07-DEC-2009 10:49:27	Tw_i_and_stray	55.500	27	24Gam Ori	1.6360	26000.	111	40629	No
151	GOM_NL__2PRFIN20091207_105157_000000582084_00495_40629_5097.N1	07-DEC-2009 10:51:57	Bright	58.000	13	87Alp Tau	0.86700	3800.0	116	40629	No
152	GOM_NL__2PRFIN20091207_105500_000000502084_00495_40629_5098.N1	07-DEC-2009 10:55:00	Bright	49.500	176	23Zet Tau	3.0200	22000.	99	40629	No
153	GOM_NL__2PRFIN20091207_105727_000000452084_00495_40629_5099.N1	07-DEC-2009 10:57:27	Bright	45.000	114	3Iot Aur	2.6930	4600.0	90	40629	No
154	GOM_NL__2PRFIN20091207_110144_000000462084_00495_40629_5100.N1	07-DEC-2009 11:01:44	Bright	45.500	6	13Alp Aur	0.080000	3400.0	91	40629	No
155	GOM_NL__2PRFIN20091207_110308_000000492084_00495_40629_5101.N1	07-DEC-2009 11:03:08	Bright	48.500	42	34Bet Aur	1.9000	10200.	97	40629	No
156	GOM_NL__2PRFIN20091207_111816_000000482084_00495_40629_5102.N1	07-DEC-2009 11:18:16	Bright	48.000	36	50Alp UMa	1.8000	6300.0	96	40629	No
157	GOM_NL__2PRFIN20091207_111949_000000482084_00495_40629_5103.N1	07-DEC-2009 11:19:49	Bright	47.500	82	48Bet UMa	2.3650	10600.	95	40629	No
158	GOM_NL__2PRFIN20091207_112154_000000382084_00495_40629_5104.N1	07-DEC-2009 11:21:54	Bright	38.000	32	77Eps UMa	1.7630	11000.	76	40629	No
159	GOM_NL__2PRFIN20091207_112411_000000442084_00495_40629_5105.N1	07-DEC-2009 11:24:11	Bright	44.000	39	85Eta UMa	1.8540	24000.	88	40629	No
160	GOM_NL__2PRFIN20091207_112742_000000402084_00495_40629_5106.N1	07-DEC-2009 11:27:42	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	40629	No



161	GOM_NL__2PRFIN20091207_113326_000000372084_00495_40629_5107.N1	07-DEC-2009 11:33:26	Bright	37.000	111	8Eta Boo	2.6800	6000.0	74	40629	No
162	GOM_NL__2PRFIN20091207_113649_000000452084_00495_40629_5108.N1	07-DEC-2009 11:36:49	Bright	44.500	138	47Eps Vir	2.8280	4700.0	89	40629	No
163	GOM_NL__2PRFIN20091207_114131_000000512084_00495_40629_5109.N1	07-DEC-2009 11:41:31	Twi_and_stray	51.000	121	29Gam Vir	2.7400	7200.0	102	40629	No
164	GOM_NL__2PRFIN20091207_114733_000000522084_00495_40629_5110.N1	07-DEC-2009 11:47:33	Dark	52.000	100	4Gam Crv	2.5800	13100.	104	40629	No
165	GOM_NL__2PRFIN20091207_114910_000000542084_00495_40629_5111.N1	07-DEC-2009 11:49:10	Dark	53.500	171	2Eps Crv	3.0010	4250.0	107	40629	No
166	GOM_NL__2PRFIN20091207_115829_000000442084_00496_40630_5118.N1	07-DEC-2009 11:58:29	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	40630	No
167	GOM_NL__2PRFIN20091207_120710_000000482084_00496_40630_5119.N1	07-DEC-2009 12:07:10	Dark	48.000	34	Gam2Vel	1.7930	23000.	96	40630	No
168	GOM_NL__2PRFIN20091207_120908_000000542084_00496_40630_5120.N1	07-DEC-2009 12:09:08	Dark	53.500	70	Zet Pup	2.2460	39000.	107	40630	No
169	GOM_NL__2PRFIN20091207_121217_000000592084_00496_40630_5121.N1	07-DEC-2009 12:12:17	Dark	59.000	117	Pi Pup	2.7060	3800.0	118	40630	No
170	GOM_NL__2PRFIN20091207_121550_000000612084_00496_40630_5122.N1	07-DEC-2009 12:15:50	Dark	60.500	23	21Eps CMa	1.5020	26000.	121	40630	No
171	GOM_NL__2PRFIN20091207_122105_000000562084_00496_40630_5123.N1	07-DEC-2009 12:21:05	Straylight	56.000	47	2Bet CMa	1.9760	28000.	112	40630	No
172	GOM_NL__2PRFIN20091207_122454_000000532084_00496_40630_5124.N1	07-DEC-2009 12:24:54	Straylight	52.500	7	19Bet Ori	0.10000	14000.	105	40630	No
173	GOM_NL__2PRFIN20091207_122731_000000582084_00496_40630_5125.N1	07-DEC-2009 12:27:31	Straylight	57.500	30	46Eps Ori	1.6940	30000.	115	40630	No
174	GOM_NL__2PRFIN20091207_123002_000000532084_00496_40630_5126.N1	07-DEC-2009 12:30:02	Twi_and_stray	53.000	27	24Gam Ori	1.6360	26000.	106	40630	No
175	GOM_NL__2PRFIN20091207_123232_000000582084_00496_40630_5127.N1	07-DEC-2009 12:32:32	Bright	58.000	13	87Alp Tau	0.86700	3800.0	116	40630	No
176	GOM_NL__2PRFIN20091207_123536_000000502084_00496_40630_5128.N1	07-DEC-2009 12:35:36	Bright	49.500	176	23Zet Tau	3.0200	22000.	99	40630	No
177	GOM_NL__2PRFIN20091207_123803_000000452084_00496_40630_5129.N1	07-DEC-2009 12:38:03	Bright	44.500	114	3lot Aur	2.6930	4600.0	89	40630	No
178	GOM_NL__2PRFIN20091207_124219_000000452084_00496_40630_5130.N1	07-DEC-2009 12:42:19	Bright	45.000	6	13Alp Aur	0.080000	3400.0	90	40630	No
179	GOM_NL__2PRFIN20091207_125851_000000492084_00496_40630_5131.N1	07-DEC-2009 12:58:51	Bright	49.000	36	50Alp UMa	1.8000	6300.0	98	40630	No
180	GOM_NL__2PRFIN20091207_130024_000000482084_00496_40630_5132.N1	07-DEC-2009 13:00:24	Bright	48.000	82	48Bet UMa	2.3650	10600.	96	40630	No
181	GOM_NL__2PRFIN20091207_130230_000000382084_00496_40630_5133.N1	07-DEC-2009 13:02:30	Bright	38.000	32	77Eps UMa	1.7630	11000.	76	40630	No
182	GOM_NL__2PRFIN20091207_130446_000000552084_00496_40630_5134.N1	07-DEC-2009 13:04:46	Bright	55.000	39	85Eta UMa	1.8540	24000.	110	40630	No
183	GOM_NL__2PRFIN20091207_130818_000000412084_00496_40630_5135.N1	07-DEC-2009 13:08:18	Bright	40.500	152	12Alp2CVn	2.8900	11000.	81	40630	No
184	GOM_NL__2PRFIN20091207_131402_000000362084_00496_40630_5136.N1	07-DEC-2009 13:14:02	Bright	36.000	111	8Eta Boo	2.6800	6000.0	72	40630	No
185	GOM_NL__2PRFIN20091207_131725_000000582084_00496_40630_5137.N1	07-DEC-2009 13:17:25	Bright	58.000	138	47Eps Vir	2.8280	4700.0	116	40630	No
186	GOM_NL__2PRFIN20091207_132208_000000532084_00496_40630_5138.N1	07-DEC-2009 13:22:08	Twi_and_stray	53.000	121	29Gam Vir	2.7400	7200.0	106	40630	No
187	GOM_NL__2PRFIN20091207_132810_000000502084_00496_40630_5139.N1	07-DEC-2009 13:28:10	Dark	49.500	100	4Gam Crv	2.5800	13100.	99	40630	No
188	GOM_NL__2PRFIN20091207_132946_000000552084_00496_40630_5140.N1	07-DEC-2009 13:29:46	Dark	54.500	171	2Eps Crv	3.0010	4250.0	109	40630	No
189	GOM_NL__2PRFIN20091207_133906_000000472084_00497_40631_5164.N1	07-DEC-2009 13:39:06	Dark	46.500	113	Mu Vel	2.6920	5000.0	93	40631	No
190	GOM_NL__2PRFIN20091207_134746_000000462084_00497_40631_5165.N1	07-DEC-2009 13:47:46	Dark	46.000	34	Gam2Vel	1.7930	23000.	92	40631	No
191	GOM_NL__2PRFIN20091207_134945_000000532084_00497_40631_5166.N1	07-DEC-2009 13:49:45	Dark	52.500	70	Zet Pup	2.2460	39000.	105	40631	No
192	GOM_NL__2PRFIN20091207_135253_000000582084_00497_40631_5167.N1	07-DEC-2009 13:52:53	Dark	58.000	117	Pi Pup	2.7060	3800.0	116	40631	No
193	GOM_NL__2PRFIN20091207_135627_000000622084_00497_40631_5168.N1	07-DEC-2009 13:56:27	Dark	61.500	23	21Eps CMa	1.5020	26000.	123	40631	No
194	GOM_NL__2PRFIN20091207_140141_000000612084_00497_40631_5169.N1	07-DEC-2009 14:01:41	Straylight	60.500	47	2Bet CMa	1.9760	28000.	121	40631	No
195	GOM_NL__2PRFIN20091207_140530_000000532084_00497_40631_5170.N1	07-DEC-2009 14:05:30	Straylight	53.000	7	19Bet Ori	0.10000	14000.	106	40631	No
196	GOM_NL__2PRFIN20091207_140807_000000562084_00497_40631_5171.N1	07-DEC-2009 14:08:07	Straylight	55.500	30	46Eps Ori	1.6940	30000.	111	40631	No
197	GOM_NL__2PRFIN20091207_141038_000000562084_00497_40631_5172.N1	07-DEC-2009 14:10:38	Twi_and_stray	56.000	27	24Gam Ori	1.6360	26000.	112	40631	No
198	GOM_NL__2PRFIN20091207_141308_000000532084_00497_40631_5173.N1	07-DEC-2009 14:13:08	Bright	52.500	13	87Alp Tau	0.86700	3800.0	105	40631	No
199	GOM_NL__2PRFIN20091207_141611_000000512084_00497_40631_5174.N1	07-DEC-2009 14:16:11	Bright	50.500	176	23Zet Tau	3.0200	22000.	101	40631	No
200	GOM_NL__2PRFIN20091207_141838_000000432084_00497_40631_5175.N1	07-DEC-2009 14:18:38	Bright	42.500	114	3lot Aur	2.6930	4600.0	85	40631	No
201	GOM_NL__2PRFIN20091207_142255_000000512084_00497_40631_5176.N1	07-DEC-2009 14:22:55	Bright	50.500	6	13Alp Aur	0.080000	3400.0	101	40631	No
202	GOM_NL__2PRFIN20091207_143927_000000502084_00497_40631_5177.N1	07-DEC-2009 14:39:27	Bright	50.000	36	50Alp UMa	1.8000	6300.0	100	40631	No
203	GOM_NL__2PRFIN20091207_144100_000000532084_00497_40631_5178.N1	07-DEC-2009 14:41:00	Bright	53.000	82	48Bet UMa	2.3650	10600.	106	40631	No
204	GOM_NL__2PRFIN20091207_144306_000000522084_00497_40631_5179.N1	07-DEC-2009 14:43:06	Bright	51.500	32	77Eps UMa	1.7630	11000.	103	40631	No
205	GOM_NL__2PRFIN20091207_144523_000000552084_00497_40631_5180.N1	07-DEC-2009 14:45:23	Bright	55.000	39	85Eta UMa	1.8540	24000.	110	40631	No
206	GOM_NL__2PRFIN20091207_144854_000000442084_00497_40631_5181.N1	07-DEC-2009 14:48:54	Bright	43.500	152	12Alp2CVn	2.8900	11000.	87	40631	No
207	GOM_NL__2PRFIN20091207_145438_000000552084_00497_40631_5182.N1	07-DEC-2009 14:54:38	Bright	55.000	111	8Eta Boo	2.6800	6000.0	110	40631	No
208	GOM_NL__2PRFIN20091207_145802_000000642084_00497_40631_5183.N1	07-DEC-2009 14:58:02	Bright	64.000	138	47Eps Vir	2.8280	4700.0	128	40631	No
209	GOM_NL__2PRFIN20091207_150245_000000522084_00497_40631_5184.N1	07-DEC-2009 15:02:45	Twi_and_stray	51.500	121	29Gam Vir	2.7400	7200.0	103	40631	No
210	GOM_NL__2PRFIN20091207_150847_000000502084_00497_40631_5185.N1	07-DEC-2009 15:08:47	Dark	50.000	100	4Gam Crv	2.5800	13100.	100	40631	No
211	GOM_NL__2PRFIN20091207_151023_000000542084_00497_40631_5186.N1	07-DEC-2009 15:10:23	Dark	54.000	171	2Eps Crv	3.0010	4250.0	108	40631	No
212	GOM_NL__2PRFIN20091207_151942_000000482084_00498_40632_5190.N1	07-DEC-2009 15:19:42	Dark	48.000	113	Mu Vel	2.6920	5000.0	96	40632	No
213	GOM_NL__2PRFIN20091207_152823_000000502084_00498_40632_5191.N1	07-DEC-2009 15:28:23	Dark	50.000	34	Gam2Vel	1.7930	23000.	100	40632	No
214	GOM_NL__2PRFIN20091207_153021_000000572084_00498_40632_5192.N1	07-DEC-2009 15:30:21	Dark	56.500	70	Zet Pup	2.2460	39000.	113	40632	No
215	GOM_NL__2PRFIN20091207_153330_000000642084_00498_40632_5193.N1	07-DEC-2009 15:33:30	Dark	63.500	117	Pi Pup	2.7060	3800.0	127	40632	No
216	GOM_NL__2PRFIN20091207_153703_000000582084_00498_40632_5194.N1	07-DEC-2009 15:37:03	Dark	57.500	23	21Eps CMa	1.5020	26000.	115	40632	No
217	GOM_NL__2PRFIN20091207_154217_000000592084_00498_40632_5195.N1	07-DEC-2009 15:42:17	Straylight	59.000	47	2Bet CMa	1.9760	28000.	118	40632	No
218	GOM_NL__2PRFIN20091207_154606_000000552084_00498_40632_5196.N1	07-DEC-2009 15:46:06	Straylight	54.500	7	19Bet Ori	0.10000	14000.	109	40632	No
219	GOM_NL__2PRFIN20091207_154842_000000552084_00498_40632_5197.N1	07-DEC-2009 15:48:42	Straylight	54.500	30	46Eps Ori	1.6940	30000.	109	40632	No

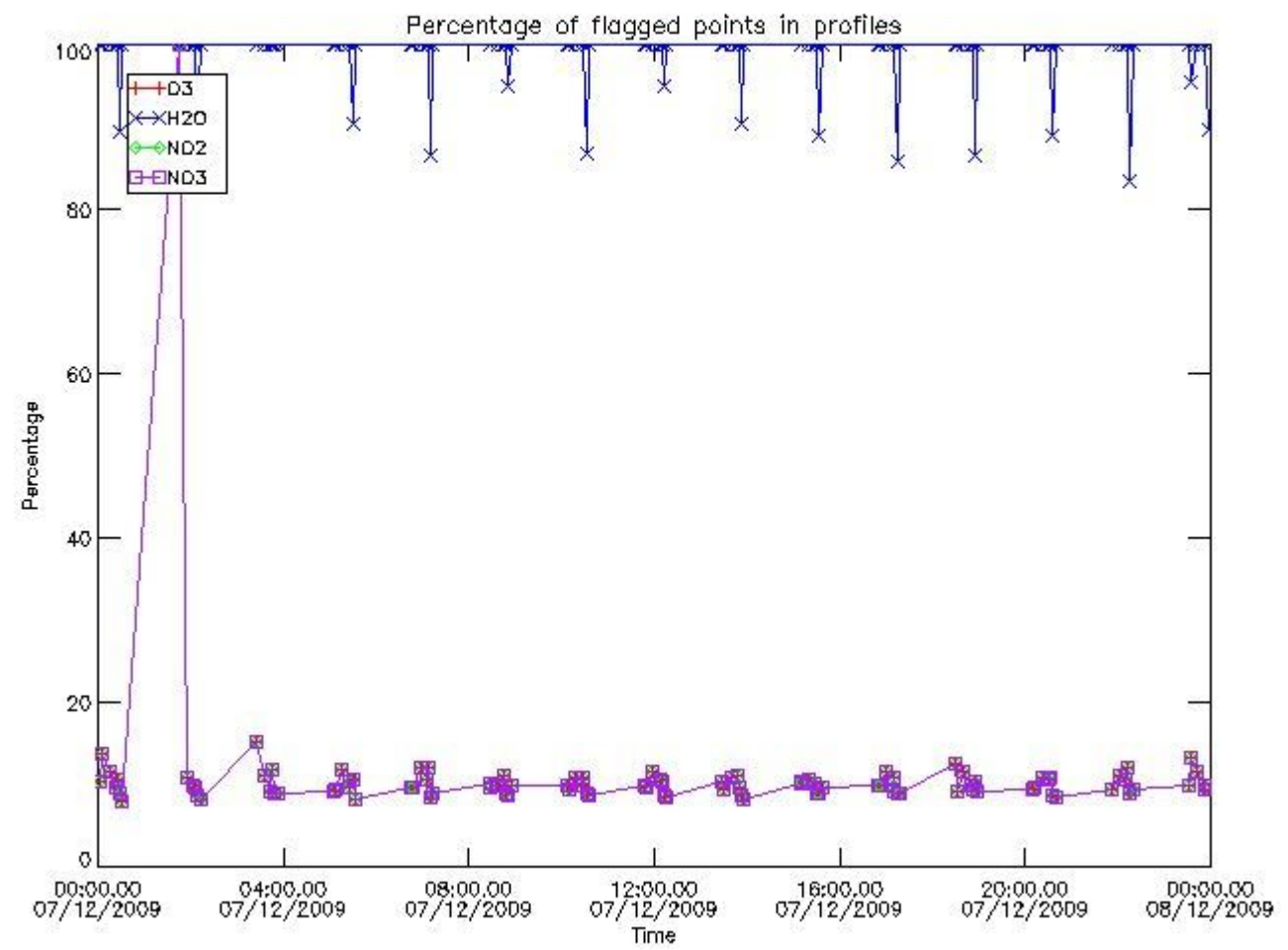
220	GOM_NL__2PRFIN20091207_155113_000000542084_00498_40632_5198.N1	07-DEC-2009 15:51:13	Twilight	53.500	27	24Gam Ori	1.6360	26000.	107	40632	No
221	GOM_NL__2PRFIN20091207_155344_000000582084_00498_40632_5199.N1	07-DEC-2009 15:53:44	Bright	58.000	13	87Alp Tau	0.86700	3800.0	116	40632	No
222	GOM_NL__2PRFIN20091207_155646_000000512084_00498_40632_5200.N1	07-DEC-2009 15:56:46	Bright	51.000	176	23Zet Tau	3.0200	22000.	102	40632	No
223	GOM_NL__2PRFIN20091207_155914_000000442084_00498_40632_5201.N1	07-DEC-2009 15:59:14	Bright	43.500	114	3lot Aur	2.6930	4600.0	87	40632	No
224	GOM_NL__2PRFIN20091207_160330_000000482084_00498_40632_5202.N1	07-DEC-2009 16:03:30	Bright	48.000	6	13Alp Aur	0.080000	3400.0	96	40632	No
225	GOM_NL__2PRFIN20091207_162003_000000502084_00498_40632_5203.N1	07-DEC-2009 16:20:03	Bright	50.000	36	50Alp UMa	1.8000	6300.0	100	40632	No
226	GOM_NL__2PRFIN20091207_162135_000000532084_00498_40632_5204.N1	07-DEC-2009 16:21:35	Bright	52.500	82	48Bet UMa	2.3650	10600.	105	40632	No
227	GOM_NL__2PRFIN20091207_162342_000000442084_00498_40632_5205.N1	07-DEC-2009 16:23:42	Bright	43.500	32	77Eps UMa	1.7630	11000.	87	40632	No
228	GOM_NL__2PRFIN20091207_162558_000000412084_00498_40632_5206.N1	07-DEC-2009 16:25:58	Bright	41.000	39	85Eta UMa	1.8540	24000.	82	40632	No
229	GOM_NL__2PRFIN20091207_162930_000000422084_00498_40632_5207.N1	07-DEC-2009 16:29:30	Bright	42.000	152	12Alp2CVn	2.8900	11000.	84	40632	No
230	GOM_NL__2PRFIN20091207_163514_000000362084_00498_40632_5208.N1	07-DEC-2009 16:35:14	Bright	36.000	111	8Eta Boo	2.6800	6000.0	72	40632	No
231	GOM_NL__2PRFIN20091207_163838_000000462084_00498_40632_5209.N1	07-DEC-2009 16:38:38	Bright	46.000	138	47Eps Vir	2.8280	4700.0	92	40632	No
232	GOM_NL__2PRFIN20091207_164321_000000552084_00498_40632_5210.N1	07-DEC-2009 16:43:21	Twilight	54.500	121	29Gam Vir	2.7400	7200.0	109	40632	No
233	GOM_NL__2PRFIN20091207_164924_000000512084_00498_40632_5211.N1	07-DEC-2009 16:49:24	Dark	51.000	100	4Gam Crv	2.5800	13100.	102	40632	No
234	GOM_NL__2PRFIN20091207_165100_000000512084_00498_40632_5212.N1	07-DEC-2009 16:51:00	Dark	51.000	171	2Eps Crv	3.0010	4250.0	102	40632	No
235	GOM_NL__2PRFIN20091207_170019_000000442084_00499_40633_5199.N1	07-DEC-2009 17:00:19	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	40633	No
236	GOM_NL__2PRFIN20091207_170900_000000472084_00499_40633_5200.N1	07-DEC-2009 17:09:00	Dark	46.500	34	Gam2Vel	1.7930	23000.	93	40633	No
237	GOM_NL__2PRFIN20091207_171058_000000562084_00499_40633_5201.N1	07-DEC-2009 17:10:58	Dark	56.000	70	Zet Pup	2.2460	39000.	112	40633	No
238	GOM_NL__2PRFIN20091207_171407_000000562084_00499_40633_5202.N1	07-DEC-2009 17:14:07	Dark	56.000	117	Pi Pup	2.7060	3800.0	112	40633	No
239	GOM_NL__2PRFIN20091207_171740_000000622084_00499_40633_5203.N1	07-DEC-2009 17:17:40	Dark	62.000	23	21Eps CMa	1.5020	26000.	124	40633	No
240	GOM_NL__2PRFIN20091207_172253_000000602084_00499_40633_5204.N1	07-DEC-2009 17:22:53	Straylight	60.000	47	2Bet CMa	1.9760	28000.	120	40633	No
241	GOM_NL__2PRFIN20091207_172642_000000532084_00499_40633_5205.N1	07-DEC-2009 17:26:42	Straylight	52.500	7	19Bet Ori	0.10000	14000.	105	40633	No
242	GOM_NL__2PRFIN20091207_172918_000000532084_00499_40633_5206.N1	07-DEC-2009 17:29:18	Straylight	53.000	30	46Eps Ori	1.6940	30000.	106	40633	No
243	GOM_NL__2PRFIN20091207_173149_000000502084_00499_40633_5207.N1	07-DEC-2009 17:31:49	Twilight	50.000	27	24Gam Ori	1.6360	26000.	100	40633	No
244	GOM_NL__2PRFIN20091207_173420_000000522084_00499_40633_5208.N1	07-DEC-2009 17:34:20	Bright	51.500	13	87Alp Tau	0.86700	3800.0	103	40633	No
245	GOM_NL__2PRFIN20091207_173721_000000502084_00499_40633_5209.N1	07-DEC-2009 17:37:21	Bright	49.500	176	23Zet Tau	3.0200	22000.	99	40633	No
246	GOM_NL__2PRFIN20091207_173949_000000432084_00499_40633_5210.N1	07-DEC-2009 17:39:49	Bright	43.000	114	3lot Aur	2.6930	4600.0	86	40633	No
247	GOM_NL__2PRFIN20091207_174405_000000502084_00499_40633_5211.N1	07-DEC-2009 17:44:05	Bright	50.000	6	13Alp Aur	0.080000	3400.0	100	40633	No
248	GOM_NL__2PRFIN20091207_180038_000000492084_00499_40633_5212.N1	07-DEC-2009 18:00:38	Bright	48.500	36	50Alp UMa	1.8000	6300.0	97	40633	No
249	GOM_NL__2PRFIN20091207_180211_000000512084_00499_40633_5213.N1	07-DEC-2009 18:02:11	Bright	50.500	82	48Bet UMa	2.3650	10600.	101	40633	No
250	GOM_NL__2PRFIN20091207_180417_000000462084_00499_40633_5214.N1	07-DEC-2009 18:04:17	Bright	45.500	32	77Eps UMa	1.7630	11000.	91	40633	No
251	GOM_NL__2PRFIN20091207_180634_000000552084_00499_40633_5215.N1	07-DEC-2009 18:06:34	Bright	55.000	39	85Eta UMa	1.8540	24000.	110	40633	No
252	GOM_NL__2PRFIN20091207_181006_000000422084_00499_40633_5216.N1	07-DEC-2009 18:10:06	Bright	42.000	152	12Alp2CVn	2.8900	11000.	84	40633	No
253	GOM_NL__2PRFIN20091207_181551_000000362084_00499_40633_5217.N1	07-DEC-2009 18:15:51	Bright	36.000	111	8Eta Boo	2.6800	6000.0	72	40633	No
254	GOM_NL__2PRFIN20091207_181915_000000472084_00499_40633_5218.N1	07-DEC-2009 18:19:15	Bright	47.000	138	47Eps Vir	2.8280	4700.0	94	40633	No
255	GOM_NL__2PRFIN20091207_182358_000000502084_00499_40633_5219.N1	07-DEC-2009 18:23:58	Twilight	49.500	121	29Gam Vir	2.7400	7200.0	99	40633	No
256	GOM_NL__2PRFIN20091207_183001_000000532084_00499_40633_5220.N1	07-DEC-2009 18:30:01	Dark	52.500	100	4Gam Crv	2.5800	13100.	105	40633	No
257	GOM_NL__2PRFIN20091207_183137_000000552084_00499_40633_5221.N1	07-DEC-2009 18:31:37	Dark	55.000	171	2Eps Crv	3.0010	4250.0	110	40633	No
258	GOM_NL__2PRFIN20091207_184056_000000452084_00500_40634_5207.N1	07-DEC-2009 18:40:56	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	40634	No
259	GOM_NL__2PRFIN20091207_184937_000000522084_00500_40634_5208.N1	07-DEC-2009 18:49:37	Dark	52.000	34	Gam2Vel	1.7930	23000.	104	40634	No
260	GOM_NL__2PRFIN20091207_185135_000000542084_00500_40634_5209.N1	07-DEC-2009 18:51:35	Dark	53.500	70	Zet Pup	2.2460	39000.	107	40634	No
261	GOM_NL__2PRFIN20091207_185443_000000602084_00500_40634_5210.N1	07-DEC-2009 18:54:43	Dark	59.500	117	Pi Pup	2.7060	3800.0	119	40634	No
262	GOM_NL__2PRFIN20091207_185816_000000622084_00500_40634_5211.N1	07-DEC-2009 18:58:16	Dark	61.500	23	21Eps CMa	1.5020	26000.	123	40634	No
263	GOM_NL__2PRFIN20091207_190329_000000592084_00500_40634_5212.N1	07-DEC-2009 19:03:29	Straylight	59.000	47	2Bet CMa	1.9760	28000.	118	40634	No
264	GOM_NL__2PRFIN20091207_190718_000000542084_00500_40634_5213.N1	07-DEC-2009 19:07:18	Straylight	54.000	7	19Bet Ori	0.10000	14000.	108	40634	No
265	GOM_NL__2PRFIN20091207_190954_000000562084_00500_40634_5214.N1	07-DEC-2009 19:09:54	Straylight	56.000	30	46Eps Ori	1.6940	30000.	112	40634	No
266	GOM_NL__2PRFIN20091207_191225_000000522084_00500_40634_5215.N1	07-DEC-2009 19:12:25	Twilight	52.000	27	24Gam Ori	1.6360	26000.	104	40634	No
267	GOM_NL__2PRFIN20091207_191455_000000492084_00500_40634_5216.N1	07-DEC-2009 19:14:55	Bright	49.000	13	87Alp Tau	0.86700	3800.0	98	40634	No
268	GOM_NL__2PRFIN20091207_191757_000000482084_00500_40634_5217.N1	07-DEC-2009 19:17:57	Bright	48.000	176	23Zet Tau	3.0200	22000.	96	40634	No
269	GOM_NL__2PRFIN20091207_192025_000000432084_00500_40634_5218.N1	07-DEC-2009 19:20:25	Bright	42.500	114	3lot Aur	2.6930	4600.0	85	40634	No
270	GOM_NL__2PRFIN20091207_192441_000000492084_00500_40634_5219.N1	07-DEC-2009 19:24:41	Bright	49.000	6	13Alp Aur	0.080000	3400.0	98	40634	No
271	GOM_NL__2PRFIN20091207_194114_000000492084_00500_40634_5220.N1	07-DEC-2009 19:41:14	Bright	49.000	36	50Alp UMa	1.8000	6300.0	98	40634	No
272	GOM_NL__2PRFIN20091207_194246_000000512084_00500_40634_5221.N1	07-DEC-2009 19:42:46	Bright	51.000	82	48Bet UMa	2.3650	10600.	102	40634	No
273	GOM_NL__2PRFIN20091207_194453_000000392084_00500_40634_5222.N1	07-DEC-2009 19:44:53	Bright	39.000	32	77Eps UMa	1.7630	11000.	78	40634	No
274	GOM_NL__2PRFIN20091207_194710_000000552084_00500_40634_5223.N1	07-DEC-2009 19:47:10	Bright	55.000	39	85Eta UMa	1.8540	24000.	110	40634	No
275	GOM_NL__2PRFIN20091207_195042_000000412084_00500_40634_5224.N1	07-DEC-2009 19:50:42	Bright	41.000	152	12Alp2CVn	2.8900	11000.	82	40634	No
276	GOM_NL__2PRFIN20091207_195627_000000372084_00500_40634_5225.N1	07-DEC-2009 19:56:27	Bright	36.500	111	8Eta Boo	2.6800	6000.0	73	40634	No
277	GOM_NL__2PRFIN20091207_195951_000000572084_00500_40634_5226.N1	07-DEC-2009 19:59:51	Bright	57.000	138	47Eps Vir	2.8280	4700.0	114	40634	No
278	GOM_NL__2PRFIN20091207_200435_000000542084_00500_40634_5227.N1	07-DEC-2009 20:04:35	Twilight	54.000	121	29Gam Vir	2.7400	7200.0	108	40634	No

279	GOM_NL__2PRFIN20091207_201038_000000542084_00500_40634_5228.N1	07-DEC-2009 20:10:38	Dark	54.000	100	4Gam Crv	2.5800	13100.	108	40634	No
280	GOM_NL__2PRFIN20091207_201214_000000532084_00500_40634_5229.N1	07-DEC-2009 20:12:14	Dark	53.000	171	2Eps Crv	3.0010	4250.0	106	40634	No
281	GOM_NL__2PRFIN20091207_202133_000000472084_00501_40635_5217.N1	07-DEC-2009 20:21:33	Dark	46.500	113	Mu Vel	2.6920	5000.0	93	40635	No
282	GOM_NL__2PRFIN20091207_203013_000000492084_00501_40635_5218.N1	07-DEC-2009 20:30:13	Dark	48.500	34	Gam2Vel	1.7930	23000.	97	40635	No
283	GOM_NL__2PRFIN20091207_203212_000000562084_00501_40635_5219.N1	07-DEC-2009 20:32:12	Dark	56.000	70	Zet Pup	2.2460	39000.	112	40635	No
284	GOM_NL__2PRFIN20091207_203520_000000592084_00501_40635_5220.N1	07-DEC-2009 20:35:20	Dark	58.500	117	Pi Pup	2.7060	3800.0	117	40635	No
285	GOM_NL__2PRFIN20091207_203853_000000612084_00501_40635_5221.N1	07-DEC-2009 20:38:53	Dark	61.000	23	21Eps CMa	1.5020	26000.	122	40635	No
286	GOM_NL__2PRFIN20091207_204406_000000582084_00501_40635_5222.N1	07-DEC-2009 20:44:06	Straylight	57.500	47	2Bet CMa	1.9760	28000.	115	40635	No
287	GOM_NL__2PRFIN20091207_204754_000000542084_00501_40635_5223.N1	07-DEC-2009 20:47:54	Straylight	53.500	7	19Bet Ori	0.10000	14000.	107	40635	No
288	GOM_NL__2PRFIN20091207_205029_000000562084_00501_40635_5224.N1	07-DEC-2009 20:50:29	Straylight	55.500	30	46Eps Ori	1.6940	30000.	111	40635	No
289	GOM_NL__2PRFIN20091207_205300_000000542084_00501_40635_5225.N1	07-DEC-2009 20:53:00	Tw_i_and_stray	54.000	27	24Gam Ori	1.6360	26000.	108	40635	No
290	GOM_NL__2PRFIN20091207_205531_000000502084_00501_40635_5226.N1	07-DEC-2009 20:55:31	Bright	50.000	13	87Alp Tau	0.86700	3800.0	100	40635	No
291	GOM_NL__2PRFIN20091207_205832_000000482084_00501_40635_5227.N1	07-DEC-2009 20:58:32	Bright	47.500	176	23Zet Tau	3.0200	22000.	95	40635	No
292	GOM_NL__2PRFIN20091207_210100_000000442084_00501_40635_5228.N1	07-DEC-2009 21:01:00	Bright	43.500	114	3Iot Aur	2.6930	4600.0	87	40635	No
293	GOM_NL__2PRFIN20091207_210516_000000462084_00501_40635_5229.N1	07-DEC-2009 21:05:16	Bright	45.500	6	13Alp Aur	0.080000	3400.0	91	40635	No
294	GOM_NL__2PRFIN20091207_212149_000000462084_00501_40635_5230.N1	07-DEC-2009 21:21:49	Bright	46.000	36	50Alp UMa	1.8000	6300.0	92	40635	No
295	GOM_NL__2PRFIN20091207_212322_000000502084_00501_40635_5231.N1	07-DEC-2009 21:23:22	Bright	50.000	82	48Bet UMa	2.3650	10600.	100	40635	No
296	GOM_NL__2PRFIN20091207_212529_000000452084_00501_40635_5232.N1	07-DEC-2009 21:25:29	Bright	44.500	32	77Eps UMa	1.7630	11000.	89	40635	No
297	GOM_NL__2PRFIN20091207_212746_000000372084_00501_40635_5233.N1	07-DEC-2009 21:27:46	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	40635	No
298	GOM_NL__2PRFIN20091207_213118_000000422084_00501_40635_5234.N1	07-DEC-2009 21:31:18	Bright	41.500	152	12Alp2CVn	2.8900	11000.	83	40635	No
299	GOM_NL__2PRFIN20091207_213703_000000372084_00501_40635_5235.N1	07-DEC-2009 21:37:03	Bright	37.000	111	8Eta Boo	2.6800	6000.0	74	40635	No
300	GOM_NL__2PRFIN20091207_214027_000000642084_00501_40635_5236.N1	07-DEC-2009 21:40:27	Bright	64.000	138	47Eps Vir	2.8280	4700.0	128	40635	No
301	GOM_NL__2PRFIN20091207_214511_000000512084_00501_40635_5237.N1	07-DEC-2009 21:45:11	Tw_i_and_stray	51.000	121	29Gam Vir	2.7400	7200.0	102	40635	No
302	GOM_NL__2PRFIN20091207_215251_000000542084_00501_40635_5238.N1	07-DEC-2009 21:52:51	Dark	54.000	171	2Eps Crv	3.0010	4250.0	108	40635	No
303	GOM_NL__2PRFIN20091207_220210_000000462085_00001_40636_5225.N1	07-DEC-2009 22:02:10	Dark	45.500	113	Mu Vel	2.6920	5000.0	91	40636	No
304	GOM_NL__2PRFIN20091207_221050_000000532085_00001_40636_5226.N1	07-DEC-2009 22:10:50	Dark	53.000	34	Gam2Vel	1.7930	23000.	106	40636	No
305	GOM_NL__2PRFIN20091207_221249_000000552085_00001_40636_5227.N1	07-DEC-2009 22:12:49	Dark	54.500	70	Zet Pup	2.2460	39000.	109	40636	No
306	GOM_NL__2PRFIN20091207_221557_000000582085_00001_40636_5228.N1	07-DEC-2009 22:15:57	Dark	57.500	117	Pi Pup	2.7060	3800.0	115	40636	No
307	GOM_NL__2PRFIN20091207_221929_000000592085_00001_40636_5229.N1	07-DEC-2009 22:19:29	Dark	59.000	23	21Eps CMa	1.5020	26000.	118	40636	No
308	GOM_NL__2PRFIN20091207_222442_000000592085_00001_40636_5230.N1	07-DEC-2009 22:24:42	Straylight	58.500	47	2Bet CMa	1.9760	28000.	117	40636	No
309	GOM_NL__2PRFIN20091207_222829_000000552085_00001_40636_5231.N1	07-DEC-2009 22:28:29	Straylight	54.500	7	19Bet Ori	0.10000	14000.	109	40636	No
310	GOM_NL__2PRFIN20091207_223105_000000562085_00001_40636_5232.N1	07-DEC-2009 22:31:05	Straylight	56.000	30	46Eps Ori	1.6940	30000.	112	40636	No
311	GOM_NL__2PRFIN20091207_223336_000000552085_00001_40636_5233.N1	07-DEC-2009 22:33:36	Tw_i_and_stray	55.000	27	24Gam Ori	1.6360	26000.	110	40636	No
312	GOM_NL__2PRFIN20091207_223607_000000582085_00001_40636_5234.N1	07-DEC-2009 22:36:07	Bright	58.000	13	87Alp Tau	0.86700	3800.0	116	40636	No
313	GOM_NL__2PRFIN20091207_223907_000000502085_00001_40636_5235.N1	07-DEC-2009 22:39:07	Bright	49.500	176	23Zet Tau	3.0200	22000.	99	40636	No
314	GOM_NL__2PRFIN20091207_224136_000000442085_00001_40636_5236.N1	07-DEC-2009 22:41:36	Bright	44.000	114	3Iot Aur	2.6930	4600.0	88	40636	No
315	GOM_NL__2PRFIN20091207_224552_000000482085_00001_40636_5237.N1	07-DEC-2009 22:45:52	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	40636	No
316	GOM_NL__2PRFIN20091207_230225_000000462085_00001_40636_5238.N1	07-DEC-2009 23:02:25	Bright	45.500	36	50Alp UMa	1.8000	6300.0	91	40636	No
317	GOM_NL__2PRFIN20091207_230357_000000482085_00001_40636_5239.N1	07-DEC-2009 23:03:57	Bright	48.000	82	48Bet UMa	2.3650	10600.	96	40636	No
318	GOM_NL__2PRFIN20091207_230605_000000382085_00001_40636_5240.N1	07-DEC-2009 23:06:05	Bright	37.500	32	77Eps UMa	1.7630	11000.	75	40636	No
319	GOM_NL__2PRFIN20091207_230822_000000552085_00001_40636_5241.N1	07-DEC-2009 23:08:22	Bright	55.000	39	85Eta UMa	1.8540	24000.	110	40636	No
320	GOM_NL__2PRFIN20091207_231154_000000422085_00001_40636_5242.N1	07-DEC-2009 23:11:54	Bright	42.000	152	12Alp2CVn	2.8900	11000.	84	40636	No
321	GOM_NL__2PRFIN20091207_231739_000000352085_00001_40636_5243.N1	07-DEC-2009 23:17:39	Bright	35.000	111	8Eta Boo	2.6800	6000.0	70	40636	No
322	GOM_NL__2PRFIN20091207_232104_000000642085_00001_40636_5244.N1	07-DEC-2009 23:21:04	Bright	64.000	138	47Eps Vir	2.8280	4700.0	128	40636	No
323	GOM_NL__2PRFIN20091207_232548_000000532085_00001_40636_5245.N1	07-DEC-2009 23:25:48	Tw_i_and_stray	53.000	121	29Gam Vir	2.7400	7200.0	106	40636	No
324	GOM_NL__2PRFIN20091207_233152_000000512085_00001_40636_5246.N1	07-DEC-2009 23:31:52	Dark	51.000	100	4Gam Crv	2.5800	13100.	102	40636	No
325	GOM_NL__2PRFIN20091207_233328_000000542085_00001_40636_5247.N1	07-DEC-2009 23:33:28	Dark	54.000	171	2Eps Crv	3.0010	4250.0	108	40636	No
326	GOM_NL__2PRFIN20091207_234246_000000452085_00002_40637_5233.N1	07-DEC-2009 23:42:46	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	40637	No
327	GOM_NL__2PRFIN20091207_235127_000000522085_00002_40637_5234.N1	07-DEC-2009 23:51:27	Dark	51.500	34	Gam2Vel	1.7930	23000.	103	40637	No
328	GOM_NL__2PRFIN20091207_235325_000000542085_00002_40637_5235.N1	07-DEC-2009 23:53:25	Dark	54.000	70	Zet Pup	2.2460	39000.	108	40637	No
329	GOM_NL__2PRFIN20091207_235633_000000542085_00002_40637_5236.N1	07-DEC-2009 23:56:33	Dark	54.000	117	Pi Pup	2.7060	3800.0	108	40637	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.

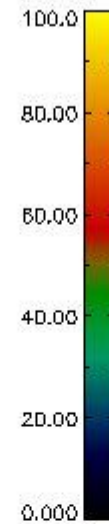
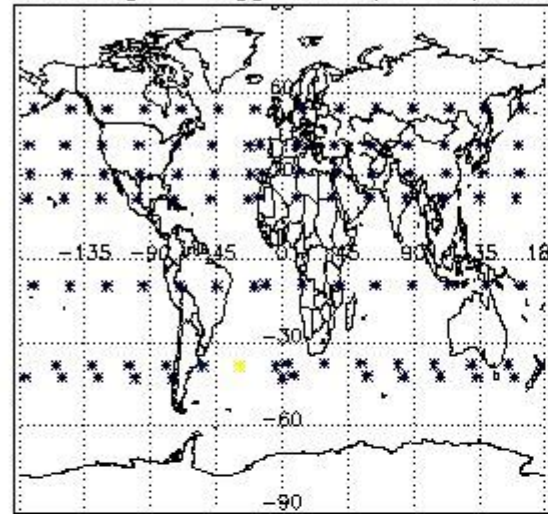
3.1 Plot quality information per product (time dependant)



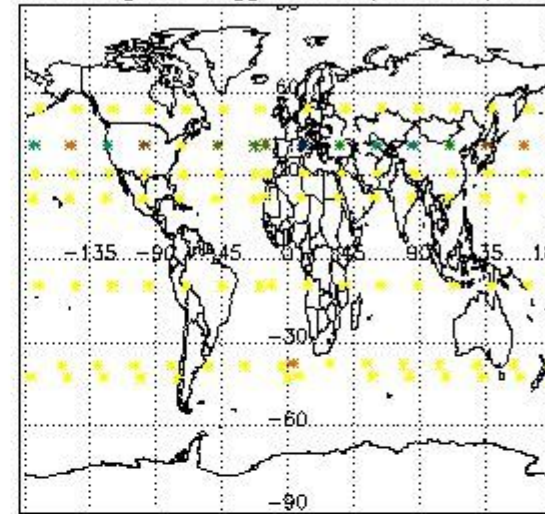
3.2 Plot quality information per product (world map)



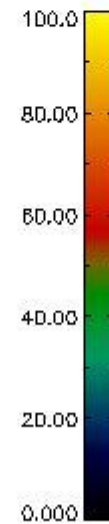
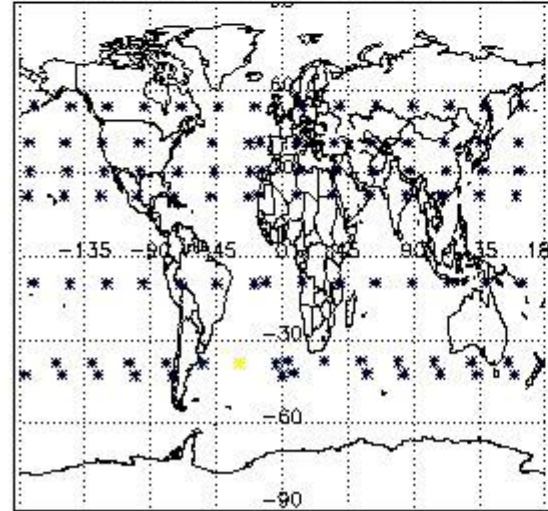
Percentage of flagged data per O3 profile



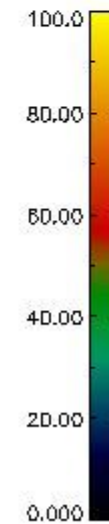
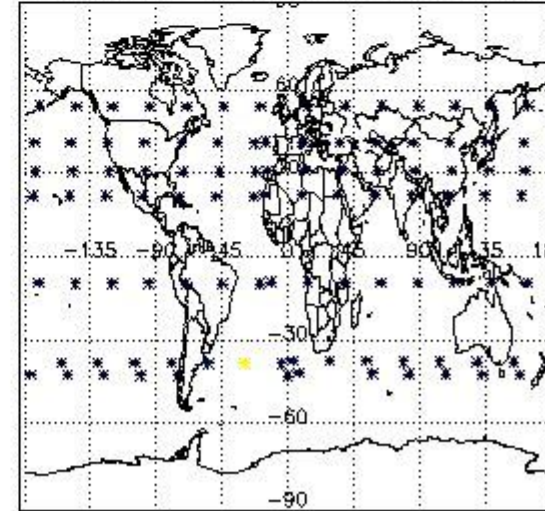
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

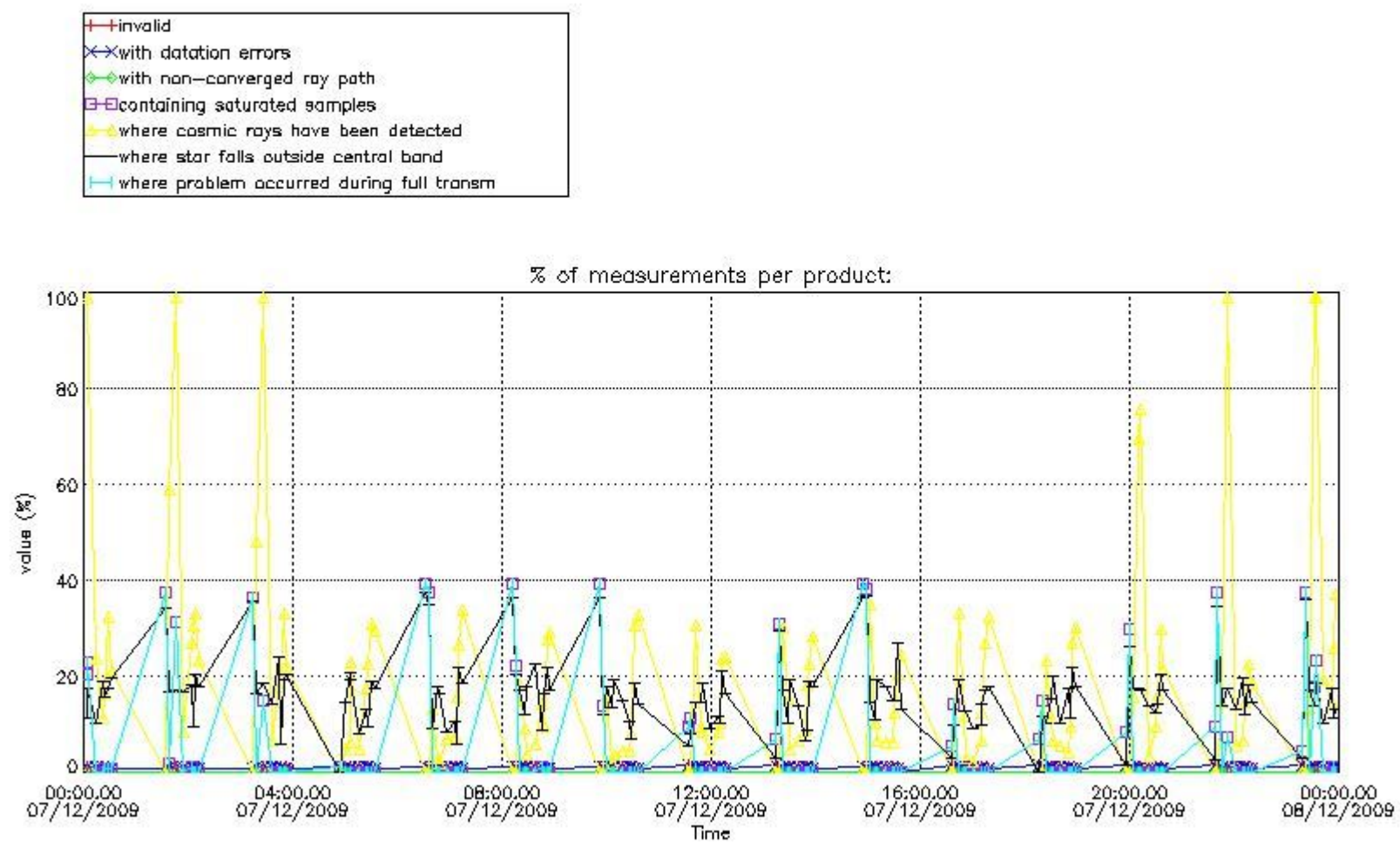


#### 4. Level 1 quality information per product

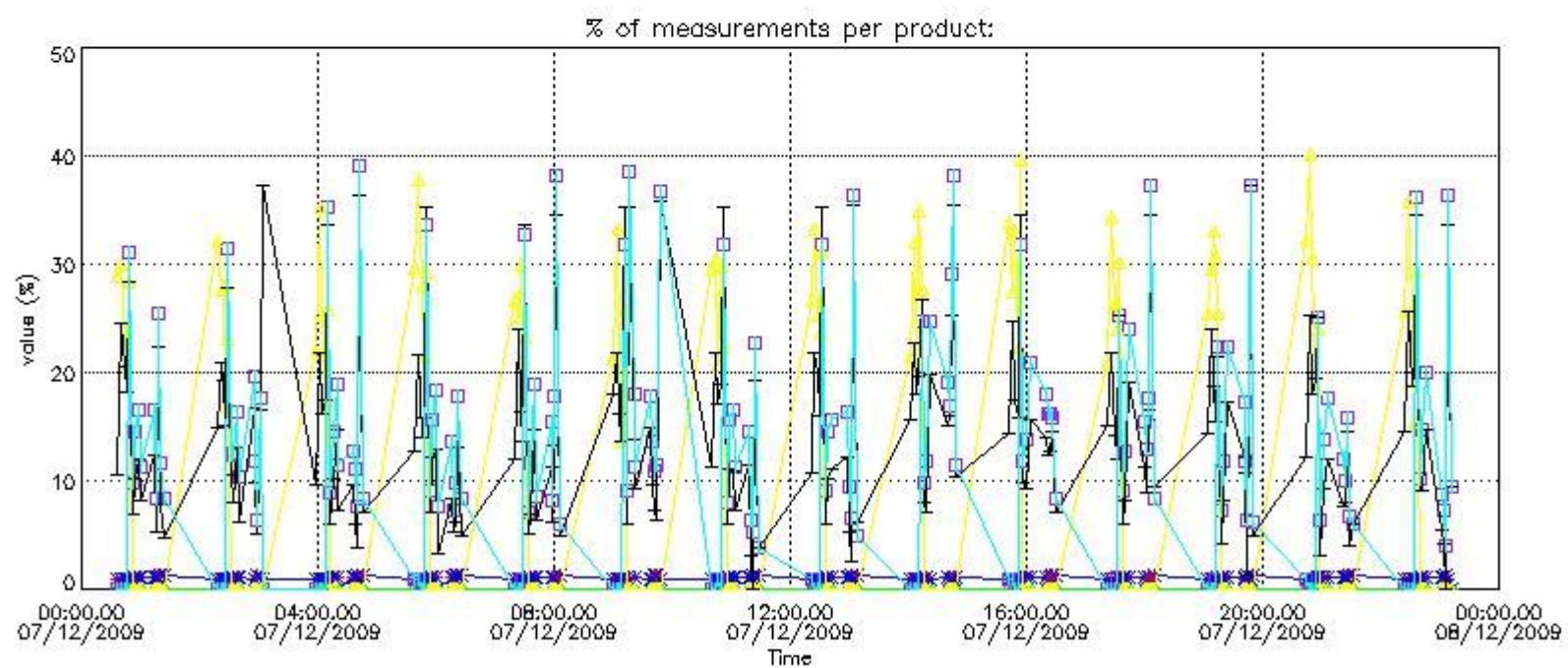
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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

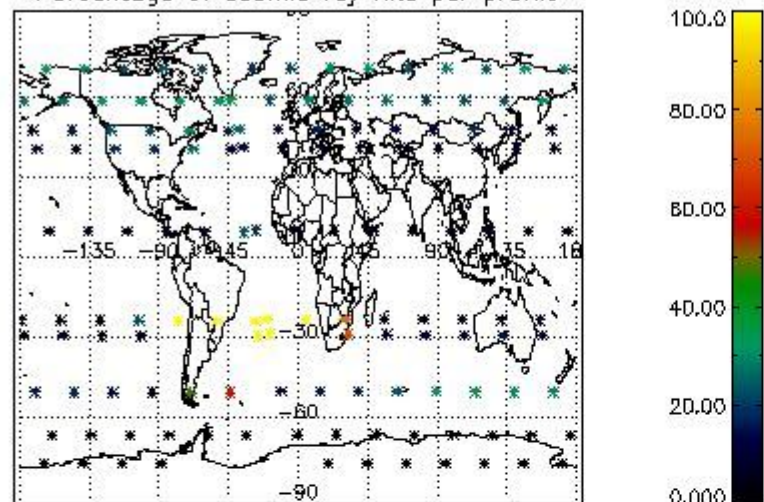


#### 4.2 Plot quality information per product coming from level 1b processing (world map)

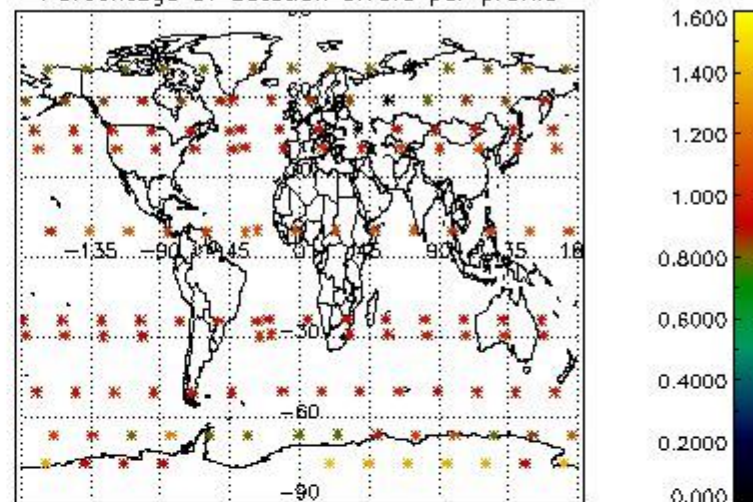
##### 4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes



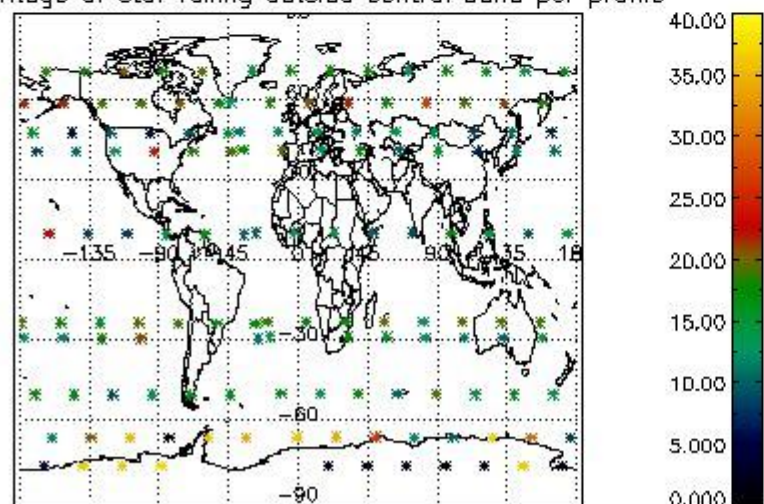
Percentage of cosmic ray hits per profile



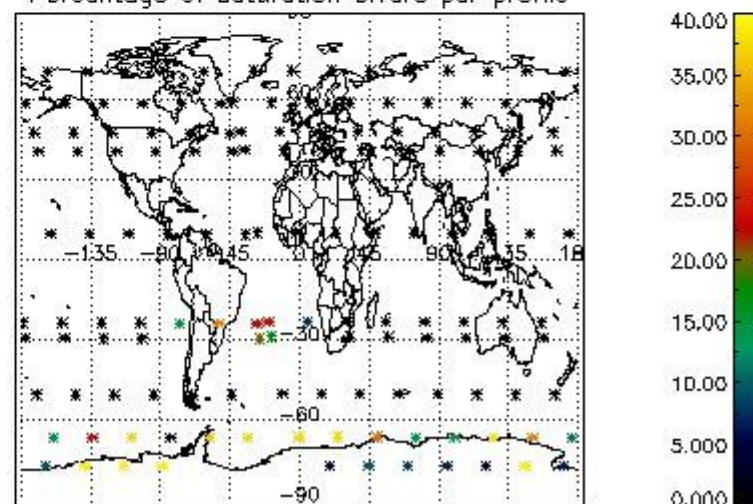
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

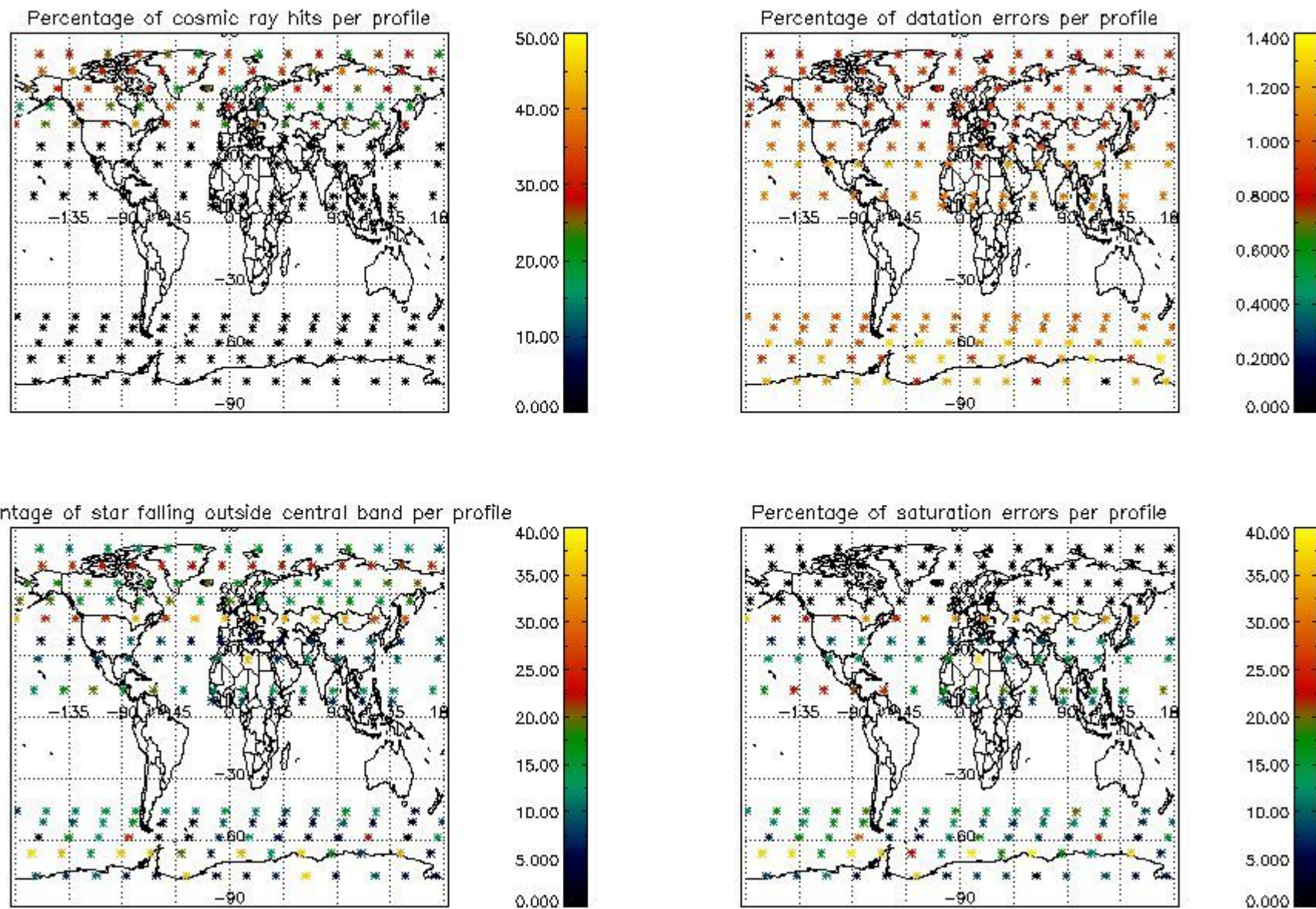


Percentage of saturation errors per profile



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

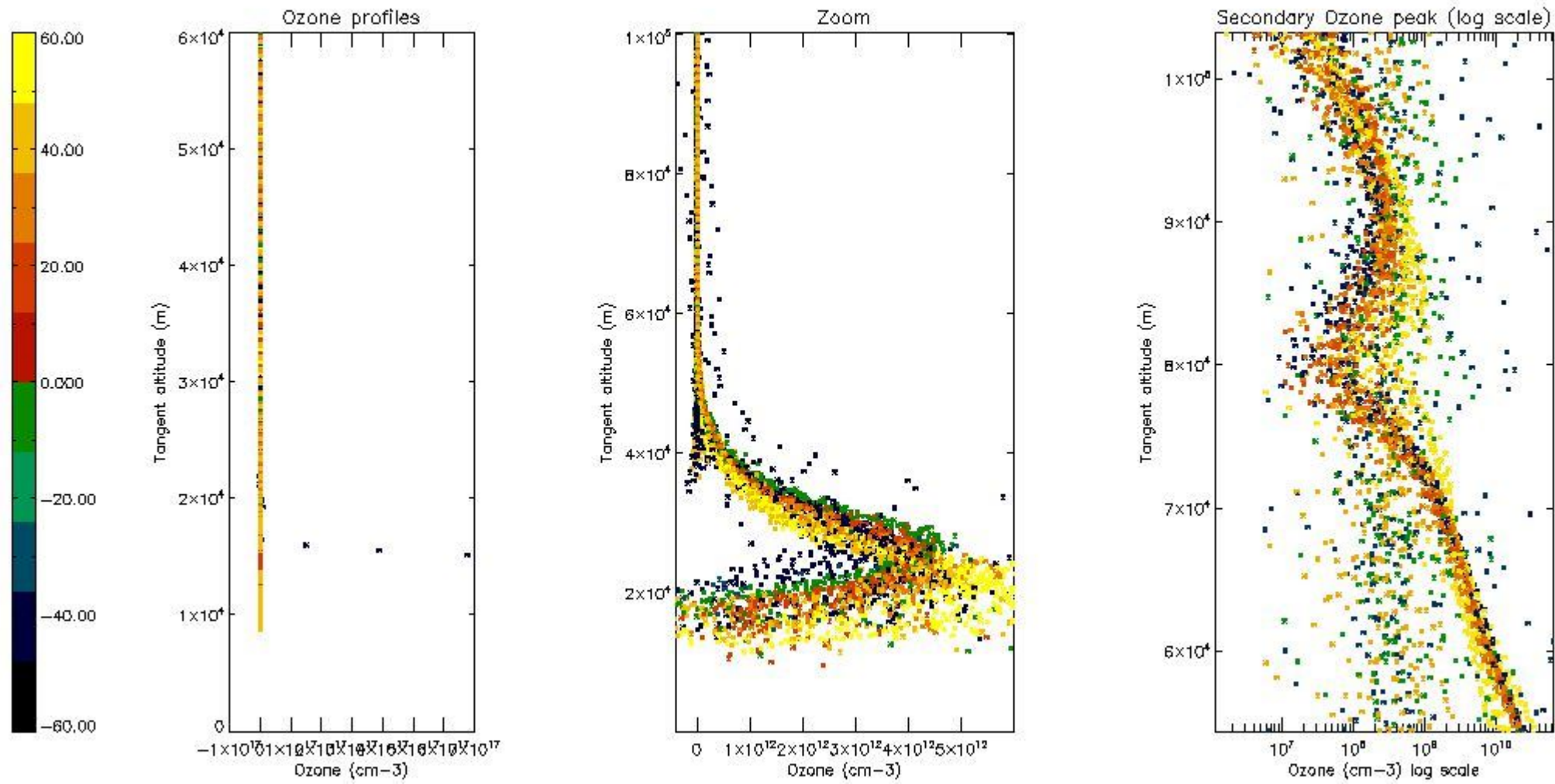
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	33
STD < 20	16

STD < 10	12
STD < 5	9

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

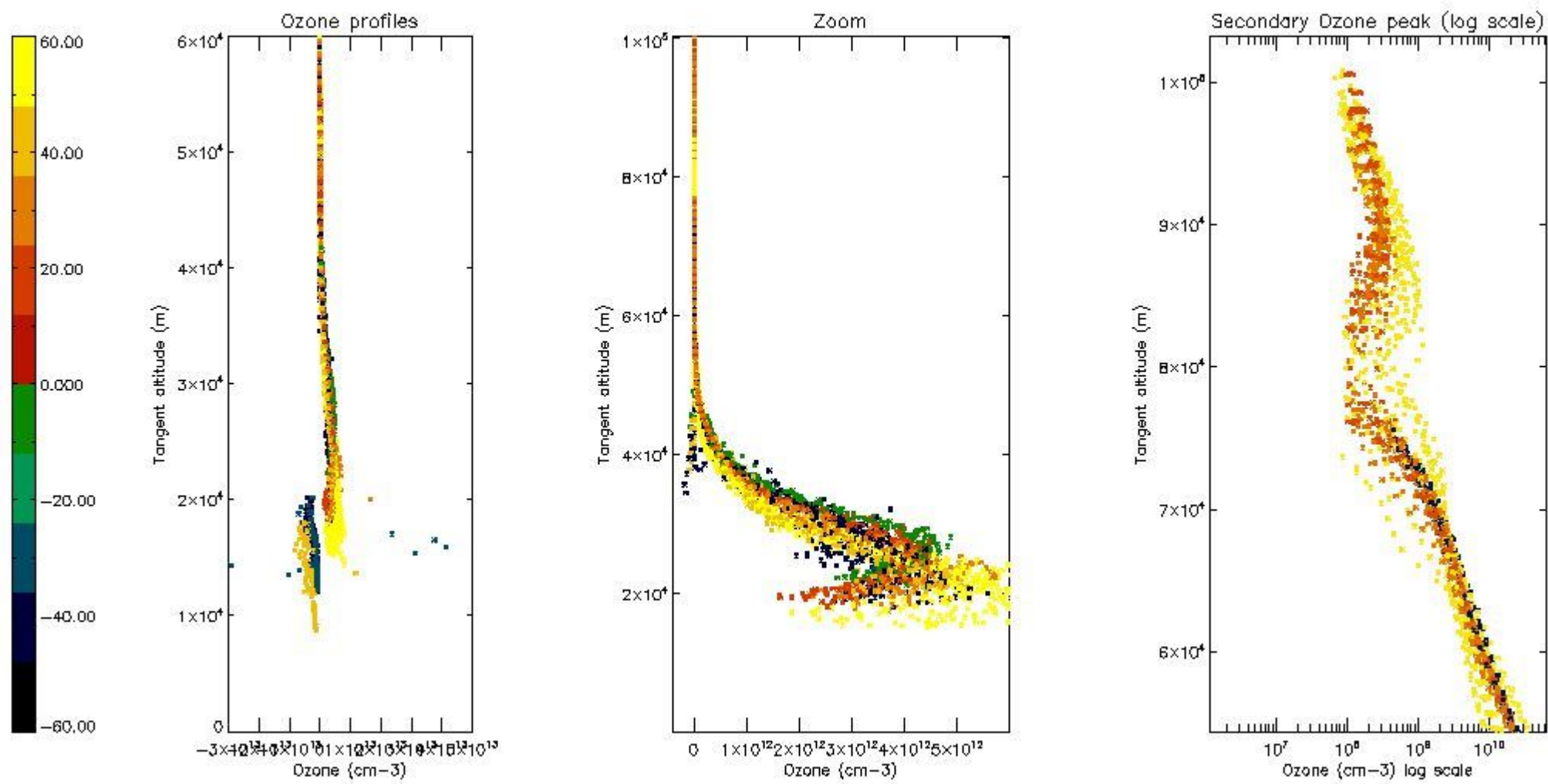
The colorbar represents the latitude.



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

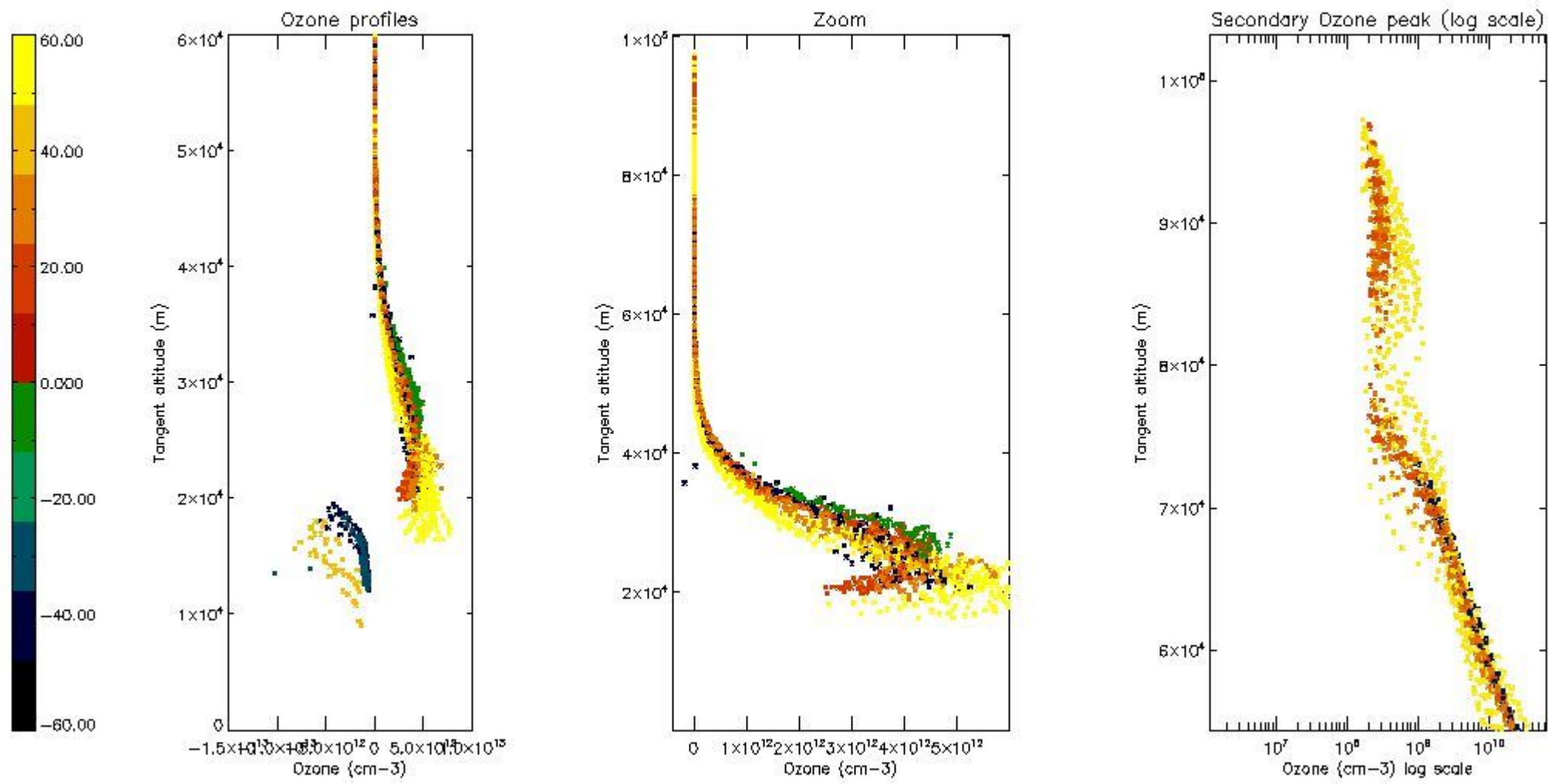
The colorbar represents the latitude.





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

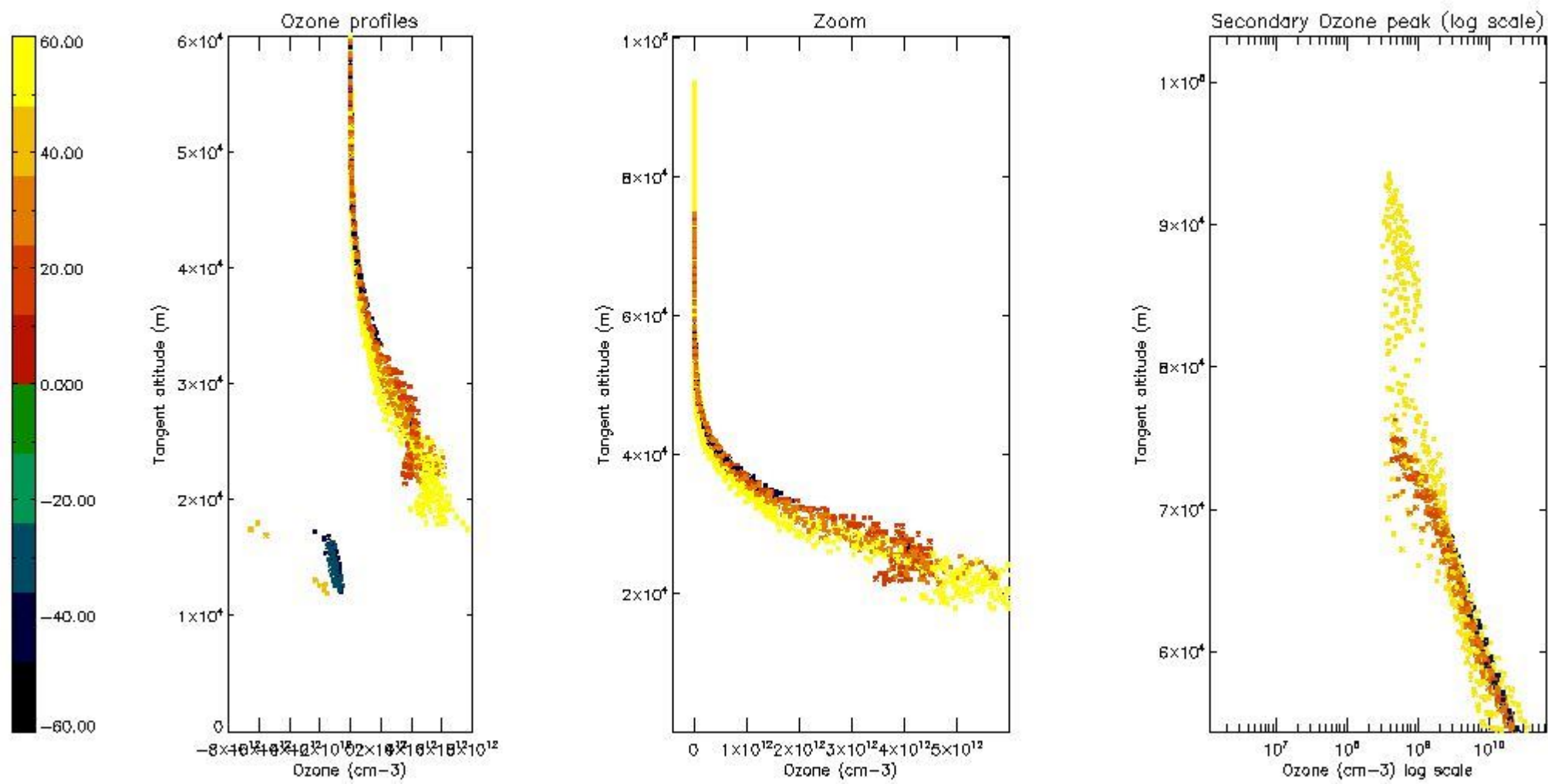
The colorbar represents the latitude.



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

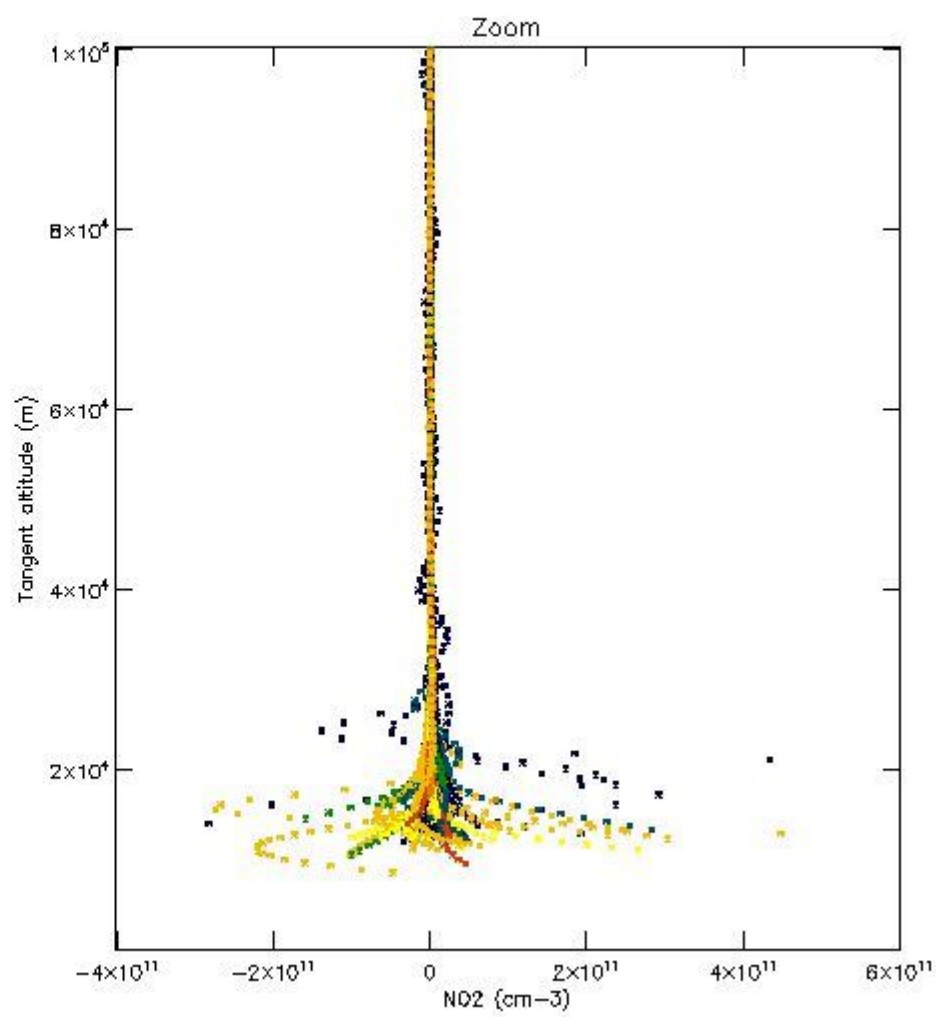
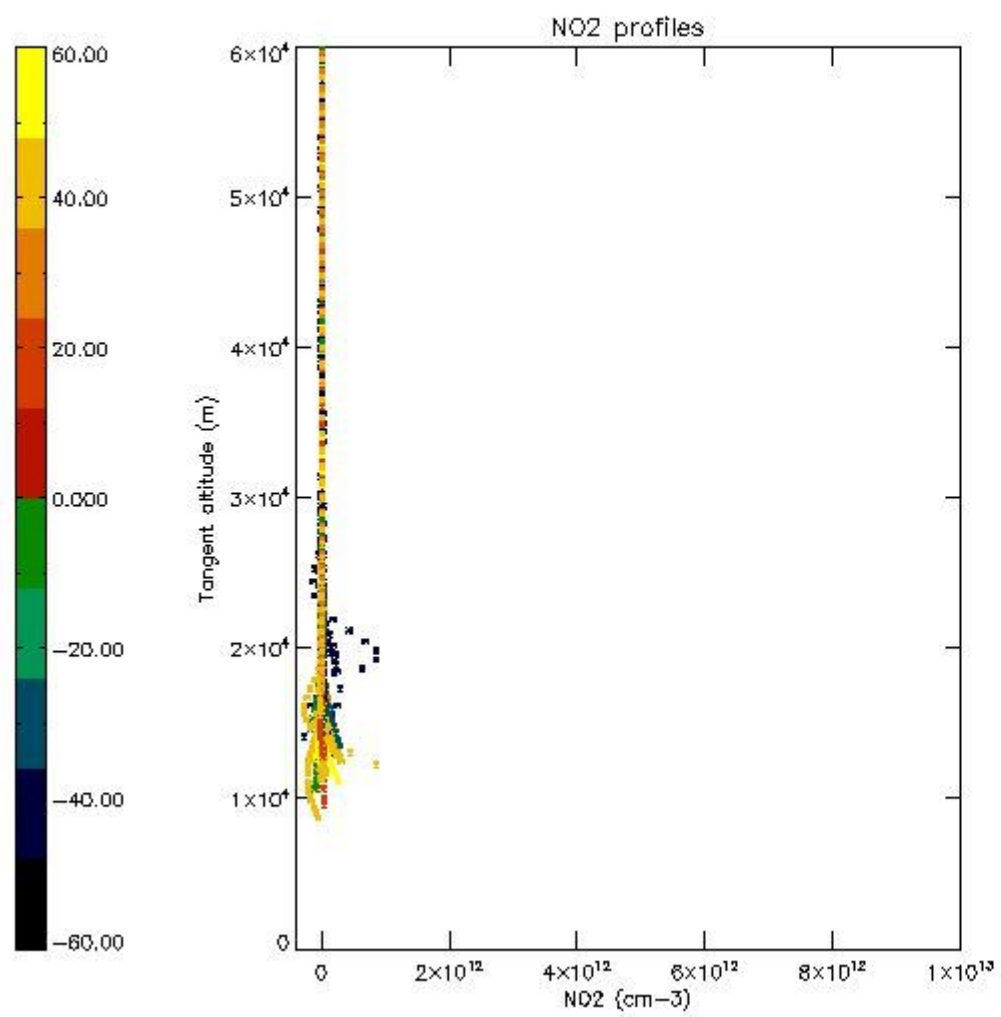
The colorbar represents the latitude.





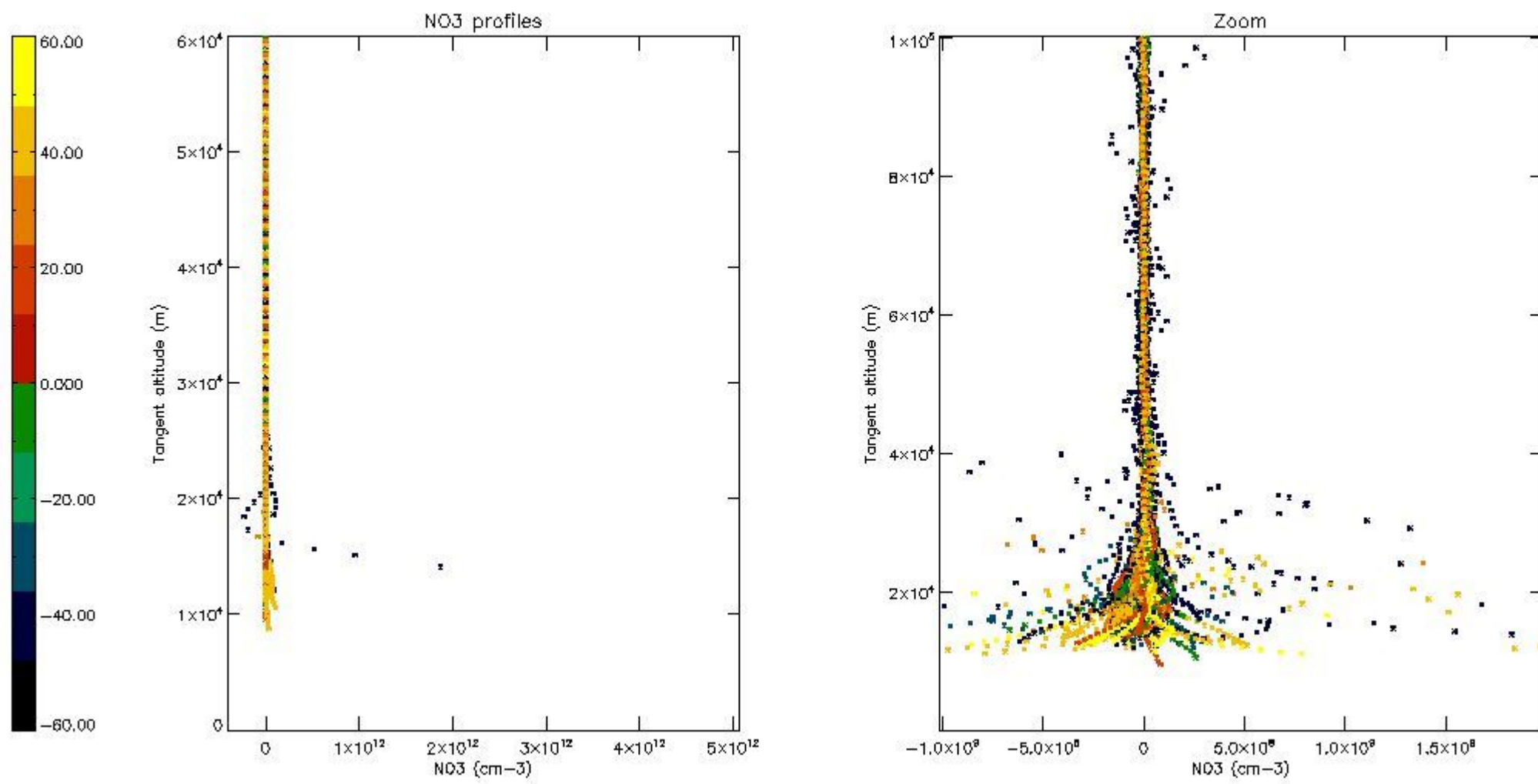
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



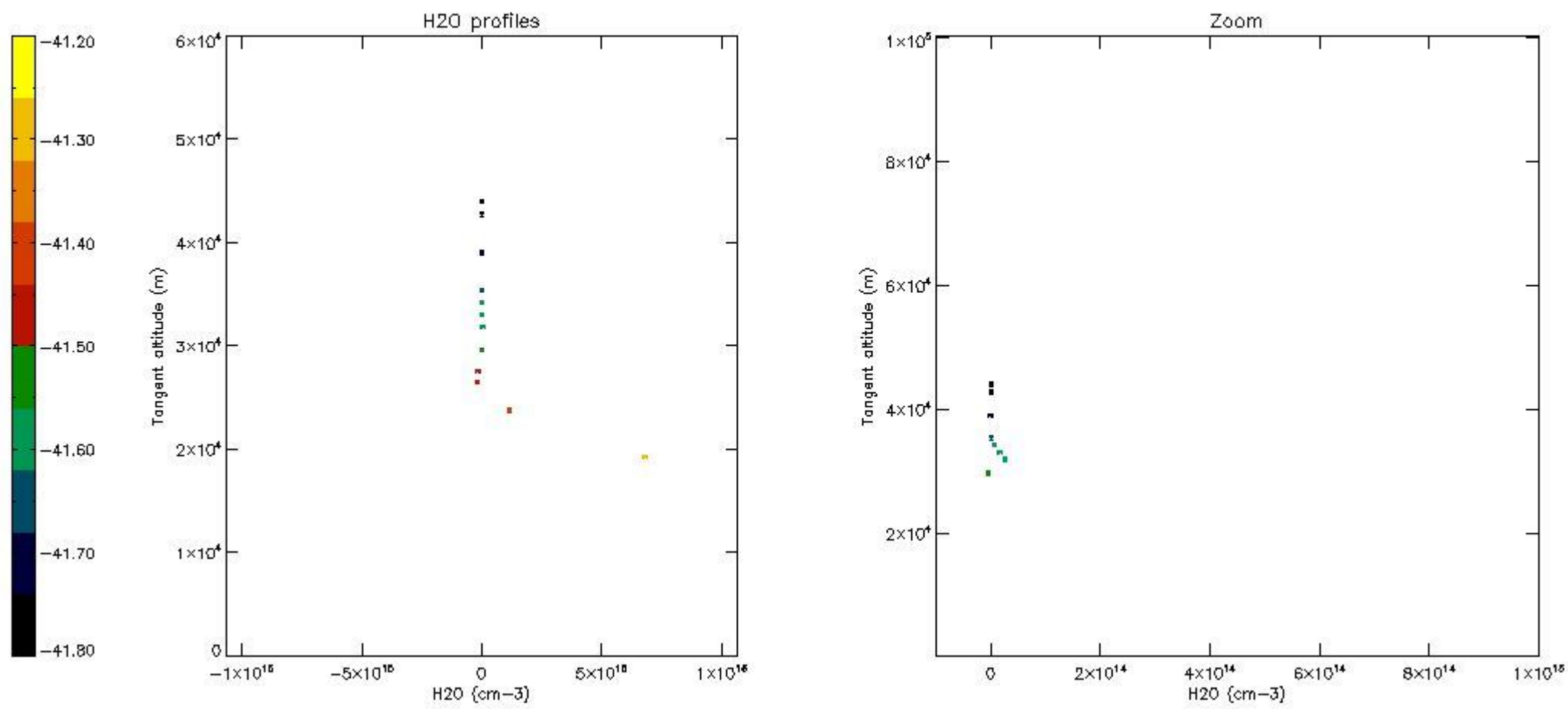
*5.7 Plot NO3 profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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	07-DEC-2009 00:03:15
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	07-DEC-2009 00:03:15
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	07-DEC-2009 00:03:15



# GOMOS Level 2 Daily Report

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

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

Item	Value
Time of report generation	26APR2013 15:41:56
Data source version	GOMOS/6.01
Start time of products	07-12-2009 (07DEC2009 00:00:00)
Stop time of products	08-12-2009 (08DEC2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	329
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__2PRFIN20091207_000315_000000502084_00488_40622_5004.N1	07-DEC-2009 00:03:15	Dark	49.500	100	4Gam Crv	2.5800	13100.	99	40622	No
2	GOM_NL__2PRFIN20091207_000451_000000522084_00488_40622_5005.N1	07-DEC-2009 00:04:51	Dark	52.000	171	2Eps Crv	3.0010	4250.0	104	40622	No
3	GOM_NL__2PRFIN20091207_001412_000000452084_00489_40623_4991.N1	07-DEC-2009 00:14:12	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	40623	No
4	GOM_NL__2PRFIN20091207_002252_000000532084_00489_40623_4992.N1	07-DEC-2009 00:22:52	Dark	52.500	34	Gam2Vel	1.7930	23000.	105	40623	No
5	GOM_NL__2PRFIN20091207_002450_000000582084_00489_40623_4993.N1	07-DEC-2009 00:24:50	Dark	57.500	70	Zet Pup	2.2460	39000.	115	40623	No
6	GOM_NL__2PRFIN20091207_002800_000000572084_00489_40623_4994.N1	07-DEC-2009 00:28:00	Dark	57.000	117	Pi Pup	2.7060	3800.0	114	40623	No
7	GOM_NL__2PRFIN20091207_003135_000000642084_00489_40623_4995.N1	07-DEC-2009 00:31:35	Dark	64.000	23	21Eps CMa	1.5020	26000.	128	40623	No
8	GOM_NL__2PRFIN20091207_003652_000000572084_00489_40623_4996.N1	07-DEC-2009 00:36:52	Straylight	57.000	47	2Bet CMa	1.9760	28000.	114	40623	No
9	GOM_NL__2PRFIN20091207_004042_000000552084_00489_40623_4997.N1	07-DEC-2009 00:40:42	Straylight	55.000	7	19Bet Ori	0.10000	14000.	110	40623	No
10	GOM_NL__2PRFIN20091207_004321_000000592084_00489_40623_4998.N1	07-DEC-2009 00:43:21	Straylight	58.500	30	46Eps Ori	1.6940	30000.	117	40623	No
11	GOM_NL__2PRFIN20091207_004553_000000552084_00489_40623_4999.N1	07-DEC-2009 00:45:53	Tw_i_and_stray	55.000	27	24Gam Ori	1.6360	26000.	110	40623	No
12	GOM_NL__2PRFIN20091207_004822_000000532084_00489_40623_5000.N1	07-DEC-2009 00:48:22	Bright	53.000	13	87Alp Tau	0.86700	3800.0	106	40623	No
13	GOM_NL__2PRFIN20091207_005129_000000512084_00489_40623_5001.N1	07-DEC-2009 00:51:29	Bright	50.500	176	23Zet Tau	3.0200	22000.	101	40623	No
14	GOM_NL__2PRFIN20091207_005354_000000452084_00489_40623_5002.N1	07-DEC-2009 00:53:54	Bright	44.500	114	31lot Aur	2.6930	4600.0	89	40623	No
15	GOM_NL__2PRFIN20091207_005811_000000462084_00489_40623_5003.N1	07-DEC-2009 00:58:11	Bright	45.500	6	13Alp Aur	0.080000	3400.0	91	40623	No
16	GOM_NL__2PRFIN20091207_005937_000000492084_00489_40623_5004.N1	07-DEC-2009 00:59:37	Bright	48.500	42	34Bet Aur	1.9000	10200.	97	40623	No
17	GOM_NL__2PRFIN20091207_011443_000000492084_00489_40623_5005.N1	07-DEC-2009 01:14:43	Bright	48.500	36	50Alp UMa	1.8000	6300.0	97	40623	No
18	GOM_NL__2PRFIN20091207_011616_000000482084_00489_40623_5006.N1	07-DEC-2009 01:16:16	Bright	47.500	82	48Bet UMa	2.3650	10600.	95	40623	No
19	GOM_NL__2PRFIN20091207_011819_000000492084_00489_40623_5007.N1	07-DEC-2009 01:18:19	Bright	49.000	32	77Eps UMa	1.7630	11000.	98	40623	No
20	GOM_NL__2PRFIN20091207_012035_000000392084_00489_40623_5008.N1	07-DEC-2009 01:20:35	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	40623	No
21	GOM_NL__2PRFIN20091207_012407_000000422084_00489_40623_5009.N1	07-DEC-2009 01:24:07	Bright	42.000	152	12Alp2CVn	2.8900	11000.	84	40623	No
22	GOM_NL__2PRFIN20091207_013311_000000632084_00489_40623_5010.N1	07-DEC-2009 01:33:11	Bright	63.000	138	47Eps Vir	2.8280	4700.0	126	40623	No
23	GOM_NL__2PRFIN20091207_013751_000000542084_00489_40623_5011.N1	07-DEC-2009 01:37:51	Bright	53.500	121	29Gam Vir	2.7400	7200.0	107	40623	No
24	GOM_NL__2PRFIN20091207_014528_000000532084_00489_40623_5012.N1	07-DEC-2009 01:45:28	Dark	53.000	171	2Eps Crv	3.0010	4250.0	106	40623	No
25	GOM_NL__2PRFIN20091207_015448_000000482084_00490_40624_5002.N1	07-DEC-2009 01:54:48	Dark	47.500	113	Mu Vel	2.6920	5000.0	95	40624	No
26	GOM_NL__2PRFIN20091207_020329_000000522084_00490_40624_5003.N1	07-DEC-2009 02:03:29	Dark	52.000	34	Gam2Vel	1.7930	23000.	104	40624	No
27	GOM_NL__2PRFIN20091207_020527_000000532084_00490_40624_5004.N1	07-DEC-2009 02:05:27	Dark	52.500	70	Zet Pup	2.2460	39000.	105	40624	No
28	GOM_NL__2PRFIN20091207_020837_000000592084_00490_40624_5005.N1	07-DEC-2009 02:08:37	Dark	59.000	117	Pi Pup	2.7060	3800.0	118	40624	No
29	GOM_NL__2PRFIN20091207_021211_000000622084_00490_40624_5006.N1	07-DEC-2009 02:12:11	Dark	62.000	23	21Eps CMa	1.5020	26000.	124	40624	No
30	GOM_NL__2PRFIN20091207_021728_000000612084_00490_40624_5007.N1	07-DEC-2009 02:17:28	Straylight	60.500	47	2Bet CMa	1.9760	28000.	121	40624	No
31	GOM_NL__2PRFIN20091207_022118_000000532084_00490_40624_5008.N1	07-DEC-2009 02:21:18	Straylight	52.500	7	19Bet Ori	0.10000	14000.	105	40624	No
32	GOM_NL__2PRFIN20091207_022357_000000572084_00490_40624_5009.N1	07-DEC-2009 02:23:57	Straylight	57.000	30	46Eps Ori	1.6940	30000.	114	40624	No
33	GOM_NL__2PRFIN20091207_022629_000000532084_00490_40624_5010.N1	07-DEC-2009 02:26:29	Tw_i_and_stray	53.000	27	24Gam Ori	1.6360	26000.	106	40624	No
34	GOM_NL__2PRFIN20091207_022858_000000542084_00490_40624_5011.N1	07-DEC-2009 02:28:58	Bright	54.000	13	87Alp Tau	0.86700	3800.0	108	40624	No
35	GOM_NL__2PRFIN20091207_023204_000000532084_00490_40624_5012.N1	07-DEC-2009 02:32:04	Bright	52.500	176	23Zet Tau	3.0200	22000.	105	40624	No
36	GOM_NL__2PRFIN20091207_023430_000000442084_00490_40624_5013.N1	07-DEC-2009 02:34:30	Bright	44.000	114	31lot Aur	2.6930	4600.0	88	40624	No
37	GOM_NL__2PRFIN20091207_023847_000000462084_00490_40624_5014.N1	07-DEC-2009 02:38:47	Bright	46.000	6	13Alp Aur	0.080000	3400.0	92	40624	No
38	GOM_NL__2PRFIN20091207_024012_000000482084_00490_40624_5015.N1	07-DEC-2009 02:40:12	Bright	48.000	42	34Bet Aur	1.9000	10200.	96	40624	No
39	GOM_NL__2PRFIN20091207_025518_000000512084_00490_40624_5016.N1	07-DEC-2009 02:55:18	Bright	51.000	36	50Alp UMa	1.8000	6300.0	102	40624	No
40	GOM_NL__2PRFIN20091207_025652_000000512084_00490_40624_5017.N1	07-DEC-2009 02:56:52	Bright	50.500	82	48Bet UMa	2.3650	10600.	101	40624	No
41	GOM_NL__2PRFIN20091207_025855_000000402084_00490_40624_5018.N1	07-DEC-2009 02:58:55	Bright	39.500	32	77Eps UMa	1.7630	11000.	79	40624	No
42	GOM_NL__2PRFIN20091207_030111_000000432084_00490_40624_5019.N1	07-DEC-2009 03:01:11	Bright	42.500	39	85Eta UMa	1.8540	24000.	85	40624	No

43	GOM_NL__2PRFIN20091207_030443_000000612084_00490_40624_5020.N1	07-DEC-2009 03:04:43	Bright	60.500	152	12Alp2CVn	2.8900	11000.	121	40624	No
44	GOM_NL__2PRFIN20091207_031347_000000632084_00490_40624_5021.N1	07-DEC-2009 03:13:47	Bright	63.000	138	47Eps Vir	2.8280	4700.0	126	40624	No
45	GOM_NL__2PRFIN20091207_031828_000000522084_00490_40624_5022.N1	07-DEC-2009 03:18:28	Bright	52.000	121	29Gam Vir	2.7400	7200.0	104	40624	No
46	GOM_NL__2PRFIN20091207_032605_000000542084_00490_40624_5023.N1	07-DEC-2009 03:26:05	Dark	53.500	171	2Eps Crv	3.0010	4250.0	107	40624	No
47	GOM_NL__2PRFIN20091207_033525_000000462084_00491_40625_5011.N1	07-DEC-2009 03:35:25	Dark	46.000	113	Mu Vel	2.6920	5000.0	92	40625	No
48	GOM_NL__2PRFIN20091207_034406_000000562084_00491_40625_5012.N1	07-DEC-2009 03:44:06	Dark	56.000	34	Gam2Vel	1.7930	23000.	112	40625	No
49	GOM_NL__2PRFIN20091207_034603_000000522084_00491_40625_5013.N1	07-DEC-2009 03:46:03	Dark	52.000	70	Zet Pup	2.2460	39000.	104	40625	No
50	GOM_NL__2PRFIN20091207_034914_000000582084_00491_40625_5014.N1	07-DEC-2009 03:49:14	Dark	57.500	117	Pi Pup	2.7060	3800.0	115	40625	No
51	GOM_NL__2PRFIN20091207_035248_000000642084_00491_40625_5015.N1	07-DEC-2009 03:52:48	Dark	63.500	23	21Eps CMa	1.5020	26000.	127	40625	No
52	GOM_NL__2PRFIN20091207_035805_000000572084_00491_40625_5016.N1	07-DEC-2009 03:58:05	Straylight	57.000	47	2Bet CMa	1.9760	28000.	114	40625	No
53	GOM_NL__2PRFIN20091207_040154_000000532084_00491_40625_5017.N1	07-DEC-2009 04:01:54	Straylight	52.500	7	19Bet Ori	0.10000	14000.	105	40625	No
54	GOM_NL__2PRFIN20091207_040432_000000562084_00491_40625_5018.N1	07-DEC-2009 04:04:32	Straylight	55.500	30	46Eps Ori	1.6940	30000.	111	40625	No
55	GOM_NL__2PRFIN20091207_040705_000000552084_00491_40625_5019.N1	07-DEC-2009 04:07:05	Tw_i_and_stray	54.500	27	24Gam Ori	1.6360	26000.	109	40625	No
56	GOM_NL__2PRFIN20091207_040934_000000582084_00491_40625_5020.N1	07-DEC-2009 04:09:34	Bright	58.000	13	87Alp Tau	0.86700	3800.0	116	40625	No
57	GOM_NL__2PRFIN20091207_041239_000000512084_00491_40625_5021.N1	07-DEC-2009 04:12:39	Bright	50.500	176	23Zet Tau	3.0200	22000.	101	40625	No
58	GOM_NL__2PRFIN20091207_041505_000000452084_00491_40625_5022.N1	07-DEC-2009 04:15:05	Bright	44.500	114	3Iot Aur	2.6930	4600.0	89	40625	No
59	GOM_NL__2PRFIN20091207_041922_000000482084_00491_40625_5023.N1	07-DEC-2009 04:19:22	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	40625	No
60	GOM_NL__2PRFIN20091207_042047_000000482084_00491_40625_5024.N1	07-DEC-2009 04:20:47	Bright	48.000	42	34Bet Aur	1.9000	10200.	96	40625	No
61	GOM_NL__2PRFIN20091207_043554_000000472084_00491_40625_5025.N1	07-DEC-2009 04:35:54	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	40625	No
62	GOM_NL__2PRFIN20091207_043727_000000502084_00491_40625_5026.N1	07-DEC-2009 04:37:27	Bright	49.500	82	48Bet UMa	2.3650	10600.	99	40625	No
63	GOM_NL__2PRFIN20091207_043931_000000392084_00491_40625_5027.N1	07-DEC-2009 04:39:31	Bright	39.000	32	77Eps UMa	1.7630	11000.	78	40625	No
64	GOM_NL__2PRFIN20091207_044147_000000552084_00491_40625_5028.N1	07-DEC-2009 04:41:47	Bright	55.000	39	85Eta UMa	1.8540	24000.	110	40625	No
65	GOM_NL__2PRFIN20091207_044519_000000422084_00491_40625_5029.N1	07-DEC-2009 04:45:19	Bright	42.000	152	12Alp2CVn	2.8900	11000.	84	40625	No
66	GOM_NL__2PRFIN20091207_045424_000000402084_00491_40625_5030.N1	07-DEC-2009 04:54:24	Bright	40.000	138	47Eps Vir	2.8280	4700.0	80	40625	No
67	GOM_NL__2PRFIN20091207_045905_000000522084_00491_40625_5031.N1	07-DEC-2009 04:59:05	Bright	52.000	121	29Gam Vir	2.7400	7200.0	104	40625	No
68	GOM_NL__2PRFIN20091207_050505_000000562084_00491_40625_5032.N1	07-DEC-2009 05:05:05	Dark	55.500	100	4Gam Crv	2.5800	13100.	111	40625	No
69	GOM_NL__2PRFIN20091207_050642_000000552084_00491_40625_5033.N1	07-DEC-2009 05:06:42	Dark	54.500	171	2Eps Crv	3.0010	4250.0	109	40625	No
70	GOM_NL__2PRFIN20091207_051602_000000432084_00492_40626_5020.N1	07-DEC-2009 05:16:02	Dark	43.000	113	Mu Vel	2.6920	5000.0	86	40626	No
71	GOM_NL__2PRFIN20091207_052443_000000492084_00492_40626_5021.N1	07-DEC-2009 05:24:43	Dark	49.000	34	Gam2Vel	1.7930	23000.	98	40626	No
72	GOM_NL__2PRFIN20091207_052640_000000532084_00492_40626_5022.N1	07-DEC-2009 05:26:40	Dark	53.000	70	Zet Pup	2.2460	39000.	106	40626	No
73	GOM_NL__2PRFIN20091207_052950_000000582084_00492_40626_5023.N1	07-DEC-2009 05:29:50	Dark	58.000	117	Pi Pup	2.7060	3800.0	116	40626	No
74	GOM_NL__2PRFIN20091207_053324_000000632084_00492_40626_5024.N1	07-DEC-2009 05:33:24	Dark	62.500	23	21Eps CMa	1.5020	26000.	125	40626	No
75	GOM_NL__2PRFIN20091207_053840_000000592084_00492_40626_5025.N1	07-DEC-2009 05:38:40	Straylight	59.000	47	2Bet CMa	1.9760	28000.	118	40626	No
76	GOM_NL__2PRFIN20091207_054230_000000532084_00492_40626_5026.N1	07-DEC-2009 05:42:30	Straylight	53.000	7	19Bet Ori	0.10000	14000.	106	40626	No
77	GOM_NL__2PRFIN20091207_054508_000000542084_00492_40626_5027.N1	07-DEC-2009 05:45:08	Straylight	53.500	30	46Eps Ori	1.6940	30000.	107	40626	No
78	GOM_NL__2PRFIN20091207_054740_000000542084_00492_40626_5028.N1	07-DEC-2009 05:47:40	Tw_i_and_stray	53.500	27	24Gam Ori	1.6360	26000.	107	40626	No
79	GOM_NL__2PRFIN20091207_055010_000000582084_00492_40626_5029.N1	07-DEC-2009 05:50:10	Bright	58.000	13	87Alp Tau	0.86700	3800.0	116	40626	No
80	GOM_NL__2PRFIN20091207_055315_000000502084_00492_40626_5030.N1	07-DEC-2009 05:53:15	Bright	50.000	176	23Zet Tau	3.0200	22000.	100	40626	No
81	GOM_NL__2PRFIN20091207_055541_000000452084_00492_40626_5031.N1	07-DEC-2009 05:55:41	Bright	45.000	114	3Iot Aur	2.6930	4600.0	90	40626	No
82	GOM_NL__2PRFIN20091207_055958_000000472084_00492_40626_5032.N1	07-DEC-2009 05:59:58	Bright	46.500	6	13Alp Aur	0.080000	3400.0	93	40626	No
83	GOM_NL__2PRFIN20091207_060122_000000462084_00492_40626_5033.N1	07-DEC-2009 06:01:22	Bright	45.500	42	34Bet Aur	1.9000	10200.	91	40626	No
84	GOM_NL__2PRFIN20091207_061629_000000482084_00492_40626_5034.N1	07-DEC-2009 06:16:29	Bright	47.500	36	50Alp UMa	1.8000	6300.0	95	40626	No
85	GOM_NL__2PRFIN20091207_061802_000000482084_00492_40626_5035.N1	07-DEC-2009 06:18:02	Bright	48.000	82	48Bet UMa	2.3650	10600.	96	40626	No
86	GOM_NL__2PRFIN20091207_062007_000000412084_00492_40626_5036.N1	07-DEC-2009 06:20:07	Bright	40.500	32	77Eps UMa	1.7630	11000.	81	40626	No
87	GOM_NL__2PRFIN20091207_062223_000000422084_00492_40626_5037.N1	07-DEC-2009 06:22:23	Bright	42.000	39	85Eta UMa	1.8540	24000.	84	40626	No
88	GOM_NL__2PRFIN20091207_062555_000000422084_00492_40626_5038.N1	07-DEC-2009 06:25:55	Bright	41.500	152	12Alp2CVn	2.8900	11000.	83	40626	No
89	GOM_NL__2PRFIN20091207_063137_000000552084_00492_40626_5039.N1	07-DEC-2009 06:31:37	Bright	55.000	111	8Eta Boo	2.6800	6000.0	110	40626	No
90	GOM_NL__2PRFIN20091207_063500_000000632084_00492_40626_5040.N1	07-DEC-2009 06:35:00	Bright	63.000	138	47Eps Vir	2.8280	4700.0	126	40626	No
91	GOM_NL__2PRFIN20091207_063942_000000492084_00492_40626_5041.N1	07-DEC-2009 06:39:42	Bright	49.000	121	29Gam Vir	2.7400	7200.0	98	40626	No
92	GOM_NL__2PRFIN20091207_064542_000000532084_00492_40626_5042.N1	07-DEC-2009 06:45:42	Dark	53.000	100	4Gam Crv	2.5800	13100.	106	40626	No
93	GOM_NL__2PRFIN20091207_064719_000000532084_00492_40626_5043.N1	07-DEC-2009 06:47:19	Dark	52.500	171	2Eps Crv	3.0010	4250.0	105	40626	No
94	GOM_NL__2PRFIN20091207_065639_000000432084_00493_40627_5049.N1	07-DEC-2009 06:56:39	Dark	42.500	113	Mu Vel	2.6920	5000.0	85	40627	No
95	GOM_NL__2PRFIN20091207_070519_000000482084_00493_40627_5050.N1	07-DEC-2009 07:05:19	Dark	48.000	34	Gam2Vel	1.7930	23000.	96	40627	No
96	GOM_NL__2PRFIN20091207_070717_000000512084_00493_40627_5051.N1	07-DEC-2009 07:07:17	Dark	51.000	70	Zet Pup	2.2460	39000.	102	40627	No
97	GOM_NL__2PRFIN20091207_071027_000000602084_00493_40627_5052.N1	07-DEC-2009 07:10:27	Dark	60.000	117	Pi Pup	2.7060	3800.0	120	40627	No
98	GOM_NL__2PRFIN20091207_071401_000000622084_00493_40627_5053.N1	07-DEC-2009 07:14:01	Dark	62.000	23	21Eps CMa	1.5020	26000.	124	40627	No
99	GOM_NL__2PRFIN20091207_071917_000000582084_00493_40627_5054.N1	07-DEC-2009 07:19:17	Straylight	58.000	47	2Bet CMa	1.9760	28000.	116	40627	No
100	GOM_NL__2PRFIN20091207_072306_000000542084_00493_40627_5055.N1	07-DEC-2009 07:23:06	Straylight	54.000	7	19Bet Ori	0.10000	14000.	108	40627	No
101	GOM_NL__2PRFIN20091207_072544_000000552084_00493_40627_5056.N1	07-DEC-2009 07:25:44	Straylight	55.000	30	46Eps Ori	1.6940	30000.	110	40627	No



102	GOM_NL__2PRFIN20091207_072816_000000522084_00493_40627_5057.N1	07-DEC-2009 07:28:16	Twilight	51.500	27	24Gam Ori	1.6360	26000.	103	40627	No
103	GOM_NL__2PRFIN20091207_073045_000000582084_00493_40627_5058.N1	07-DEC-2009 07:30:45	Bright	58.000	13	87Alp Tau	0.86700	3800.0	116	40627	No
104	GOM_NL__2PRFIN20091207_073350_000000492084_00493_40627_5059.N1	07-DEC-2009 07:33:50	Bright	49.000	176	23Zet Tau	3.0200	22000.	98	40627	No
105	GOM_NL__2PRFIN20091207_073616_000000432084_00493_40627_5060.N1	07-DEC-2009 07:36:16	Bright	43.000	114	31ot Aur	2.6930	4600.0	86	40627	No
106	GOM_NL__2PRFIN20091207_074033_000000482084_00493_40627_5061.N1	07-DEC-2009 07:40:33	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	40627	No
107	GOM_NL__2PRFIN20091207_074157_000000472084_00493_40627_5062.N1	07-DEC-2009 07:41:57	Bright	47.000	42	34Bet Aur	1.9000	10200.	94	40627	No
108	GOM_NL__2PRFIN20091207_075705_000000492084_00493_40627_5063.N1	07-DEC-2009 07:57:05	Bright	48.500	36	50Alp UMa	1.8000	6300.0	97	40627	No
109	GOM_NL__2PRFIN20091207_075838_000000492084_00493_40627_5064.N1	07-DEC-2009 07:58:38	Bright	48.500	82	48Bet UMa	2.3650	10600.	97	40627	No
110	GOM_NL__2PRFIN20091207_080043_000000452084_00493_40627_5065.N1	07-DEC-2009 08:00:43	Bright	45.000	32	77Eps UMa	1.7630	11000.	90	40627	No
111	GOM_NL__2PRFIN20091207_080259_000000552084_00493_40627_5066.N1	07-DEC-2009 08:02:59	Bright	55.000	39	85Eta UMa	1.8540	24000.	110	40627	No
112	GOM_NL__2PRFIN20091207_080630_000000422084_00493_40627_5067.N1	07-DEC-2009 08:06:30	Bright	41.500	152	12Alp2CVn	2.8900	11000.	83	40627	No
113	GOM_NL__2PRFIN20091207_081214_000000552084_00493_40627_5068.N1	07-DEC-2009 08:12:14	Bright	55.000	111	8Eta Boo	2.6800	6000.0	110	40627	No
114	GOM_NL__2PRFIN20091207_081536_000000522084_00493_40627_5069.N1	07-DEC-2009 08:15:36	Bright	51.500	138	47Eps Vir	2.8280	4700.0	103	40627	No
115	GOM_NL__2PRFIN20091207_082018_000000532084_00493_40627_5070.N1	07-DEC-2009 08:20:18	Bright	52.500	121	29Gam Vir	2.7400	7200.0	105	40627	No
116	GOM_NL__2PRFIN20091207_082619_000000512084_00493_40627_5071.N1	07-DEC-2009 08:26:19	Dark	50.500	100	4Gam Crv	2.5800	13100.	101	40627	No
117	GOM_NL__2PRFIN20091207_082756_000000542084_00493_40627_5072.N1	07-DEC-2009 08:27:56	Dark	53.500	171	2Eps Crv	3.0010	4250.0	107	40627	No
118	GOM_NL__2PRFIN20091207_083716_000000512084_00494_40628_5079.N1	07-DEC-2009 08:37:16	Dark	51.000	113	Mu Vel	2.6920	5000.0	102	40628	No
119	GOM_NL__2PRFIN20091207_084556_000000462084_00494_40628_5080.N1	07-DEC-2009 08:45:56	Dark	46.000	34	Gam2Vel	1.7930	23000.	92	40628	No
120	GOM_NL__2PRFIN20091207_084754_000000582084_00494_40628_5081.N1	07-DEC-2009 08:47:54	Dark	57.500	70	Zet Pup	2.2460	39000.	115	40628	No
121	GOM_NL__2PRFIN20091207_085104_000000602084_00494_40628_5082.N1	07-DEC-2009 08:51:04	Dark	59.500	117	Pi Pup	2.7060	3800.0	119	40628	No
122	GOM_NL__2PRFIN20091207_085438_000000622084_00494_40628_5083.N1	07-DEC-2009 08:54:38	Dark	61.500	23	21Eps CMa	1.5020	26000.	123	40628	No
123	GOM_NL__2PRFIN20091207_085953_000000612084_00494_40628_5084.N1	07-DEC-2009 08:59:53	Straylight	61.000	47	2Bet CMa	1.9760	28000.	122	40628	No
124	GOM_NL__2PRFIN20091207_090342_000000532084_00494_40628_5085.N1	07-DEC-2009 09:03:42	Straylight	52.500	7	19Bet Ori	0.10000	14000.	105	40628	No
125	GOM_NL__2PRFIN20091207_090619_000000562084_00494_40628_5086.N1	07-DEC-2009 09:06:19	Straylight	55.500	30	46Eps Ori	1.6940	30000.	111	40628	No
126	GOM_NL__2PRFIN20091207_090851_000000522084_00494_40628_5087.N1	07-DEC-2009 09:08:51	Twilight	51.500	27	24Gam Ori	1.6360	26000.	103	40628	No
127	GOM_NL__2PRFIN20091207_091121_000000582084_00494_40628_5088.N1	07-DEC-2009 09:11:21	Bright	58.000	13	87Alp Tau	0.86700	3800.0	116	40628	No
128	GOM_NL__2PRFIN20091207_091425_000000502084_00494_40628_5089.N1	07-DEC-2009 09:14:25	Bright	49.500	176	23Zet Tau	3.0200	22000.	99	40628	No
129	GOM_NL__2PRFIN20091207_091652_000000612084_00494_40628_5090.N1	07-DEC-2009 09:16:52	Bright	61.000	114	31ot Aur	2.6930	4600.0	122	40628	No
130	GOM_NL__2PRFIN20091207_092109_000000472084_00494_40628_5091.N1	07-DEC-2009 09:21:09	Bright	47.000	6	13Alp Aur	0.080000	3400.0	94	40628	No
131	GOM_NL__2PRFIN20091207_092233_000000492084_00494_40628_5092.N1	07-DEC-2009 09:22:33	Bright	48.500	42	34Bet Aur	1.9000	10200.	97	40628	No
132	GOM_NL__2PRFIN20091207_093740_000000512084_00494_40628_5093.N1	07-DEC-2009 09:37:40	Bright	50.500	36	50Alp UMa	1.8000	6300.0	101	40628	No
133	GOM_NL__2PRFIN20091207_093914_000000522084_00494_40628_5094.N1	07-DEC-2009 09:39:14	Bright	51.500	82	48Bet UMa	2.3650	10600.	103	40628	No
134	GOM_NL__2PRFIN20091207_094119_000000412084_00494_40628_5095.N1	07-DEC-2009 09:41:19	Bright	41.000	32	77Eps UMa	1.7630	11000.	82	40628	No
135	GOM_NL__2PRFIN20091207_094335_000000392084_00494_40628_5096.N1	07-DEC-2009 09:43:35	Bright	39.000	39	85Eta UMa	1.8540	24000.	78	40628	No
136	GOM_NL__2PRFIN20091207_094707_000000602084_00494_40628_5097.N1	07-DEC-2009 09:47:07	Bright	60.000	152	12Alp2CVn	2.8900	11000.	120	40628	No
137	GOM_NL__2PRFIN20091207_095250_000000552084_00494_40628_5098.N1	07-DEC-2009 09:52:50	Bright	55.000	111	8Eta Boo	2.6800	6000.0	110	40628	No
138	GOM_NL__2PRFIN20091207_095613_000000472084_00494_40628_5099.N1	07-DEC-2009 09:56:13	Bright	46.500	138	47Eps Vir	2.8280	4700.0	93	40628	No
139	GOM_NL__2PRFIN20091207_100055_000000542084_00494_40628_5100.N1	07-DEC-2009 10:00:55	Bright	53.500	121	29Gam Vir	2.7400	7200.0	107	40628	No
140	GOM_NL__2PRFIN20091207_100656_000000522084_00494_40628_5101.N1	07-DEC-2009 10:06:56	Dark	51.500	100	4Gam Crv	2.5800	13100.	103	40628	No
141	GOM_NL__2PRFIN20091207_100833_000000552084_00494_40628_5102.N1	07-DEC-2009 10:08:33	Dark	54.500	171	2Eps Crv	3.0010	4250.0	109	40628	No
142	GOM_NL__2PRFIN20091207_101752_000000472084_00495_40629_5088.N1	07-DEC-2009 10:17:52	Dark	46.500	113	Mu Vel	2.6920	5000.0	93	40629	No
143	GOM_NL__2PRFIN20091207_102633_000000482084_00495_40629_5089.N1	07-DEC-2009 10:26:33	Dark	47.500	34	Gam2Vel	1.7930	23000.	95	40629	No
144	GOM_NL__2PRFIN20091207_102831_000000512084_00495_40629_5090.N1	07-DEC-2009 10:28:31	Dark	51.000	70	Zet Pup	2.2460	39000.	102	40629	No
145	GOM_NL__2PRFIN20091207_103140_000000572084_00495_40629_5091.N1	07-DEC-2009 10:31:40	Dark	57.000	117	Pi Pup	2.7060	3800.0	114	40629	No
146	GOM_NL__2PRFIN20091207_103514_000000602084_00495_40629_5092.N1	07-DEC-2009 10:35:14	Dark	59.500	23	21Eps CMa	1.5020	26000.	119	40629	No
147	GOM_NL__2PRFIN20091207_104029_000000582084_00495_40629_5093.N1	07-DEC-2009 10:40:29	Straylight	57.500	47	2Bet CMa	1.9760	28000.	115	40629	No
148	GOM_NL__2PRFIN20091207_104418_000000532084_00495_40629_5094.N1	07-DEC-2009 10:44:18	Straylight	52.500	7	19Bet Ori	0.10000	14000.	105	40629	No
149	GOM_NL__2PRFIN20091207_104655_000000562084_00495_40629_5095.N1	07-DEC-2009 10:46:55	Straylight	55.500	30	46Eps Ori	1.6940	30000.	111	40629	No
150	GOM_NL__2PRFIN20091207_104927_000000562084_00495_40629_5096.N1	07-DEC-2009 10:49:27	Twilight	55.500	27	24Gam Ori	1.6360	26000.	111	40629	No
151	GOM_NL__2PRFIN20091207_105157_000000582084_00495_40629_5097.N1	07-DEC-2009 10:51:57	Bright	58.000	13	87Alp Tau	0.86700	3800.0	116	40629	No
152	GOM_NL__2PRFIN20091207_105500_000000502084_00495_40629_5098.N1	07-DEC-2009 10:55:00	Bright	49.500	176	23Zet Tau	3.0200	22000.	99	40629	No
153	GOM_NL__2PRFIN20091207_105727_000000452084_00495_40629_5099.N1	07-DEC-2009 10:57:27	Bright	45.000	114	31ot Aur	2.6930	4600.0	90	40629	No
154	GOM_NL__2PRFIN20091207_110144_000000462084_00495_40629_5100.N1	07-DEC-2009 11:01:44	Bright	45.500	6	13Alp Aur	0.080000	3400.0	91	40629	No
155	GOM_NL__2PRFIN20091207_110308_000000492084_00495_40629_5101.N1	07-DEC-2009 11:03:08	Bright	48.500	42	34Bet Aur	1.9000	10200.	97	40629	No
156	GOM_NL__2PRFIN20091207_111816_000000482084_00495_40629_5102.N1	07-DEC-2009 11:18:16	Bright	48.000	36	50Alp UMa	1.8000	6300.0	96	40629	No
157	GOM_NL__2PRFIN20091207_111949_000000482084_00495_40629_5103.N1	07-DEC-2009 11:19:49	Bright	47.500	82	48Bet UMa	2.3650	10600.	95	40629	No
158	GOM_NL__2PRFIN20091207_112154_000000382084_00495_40629_5104.N1	07-DEC-2009 11:21:54	Bright	38.000	32	77Eps UMa	1.7630	11000.	76	40629	No
159	GOM_NL__2PRFIN20091207_112411_000000442084_00495_40629_5105.N1	07-DEC-2009 11:24:11	Bright	44.000	39	85Eta UMa	1.8540	24000.	88	40629	No
160	GOM_NL__2PRFIN20091207_112742_000000402084_00495_40629_5106.N1	07-DEC-2009 11:27:42	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	40629	No

161	GOM_NL__2PRFIN20091207_113326_000000372084_00495_40629_5107.N1	07-DEC-2009 11:33:26	Bright	37.000	111	8Eta Boo	2.6800	6000.0	74	40629	No
162	GOM_NL__2PRFIN20091207_113649_000000452084_00495_40629_5108.N1	07-DEC-2009 11:36:49	Bright	44.500	138	47Eps Vir	2.8280	4700.0	89	40629	No
163	GOM_NL__2PRFIN20091207_114131_000000512084_00495_40629_5109.N1	07-DEC-2009 11:41:31	Tw_i_and_stray	51.000	121	29Gam Vir	2.7400	7200.0	102	40629	No
164	GOM_NL__2PRFIN20091207_114733_000000522084_00495_40629_5110.N1	07-DEC-2009 11:47:33	Dark	52.000	100	4Gam Crv	2.5800	13100.	104	40629	No
165	GOM_NL__2PRFIN20091207_114910_000000542084_00495_40629_5111.N1	07-DEC-2009 11:49:10	Dark	53.500	171	2Eps Crv	3.0010	4250.0	107	40629	No
166	GOM_NL__2PRFIN20091207_115829_000000442084_00496_40630_5118.N1	07-DEC-2009 11:58:29	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	40630	No
167	GOM_NL__2PRFIN20091207_120710_000000482084_00496_40630_5119.N1	07-DEC-2009 12:07:10	Dark	48.000	34	Gam2Vel	1.7930	23000.	96	40630	No
168	GOM_NL__2PRFIN20091207_120908_000000542084_00496_40630_5120.N1	07-DEC-2009 12:09:08	Dark	53.500	70	Zet Pup	2.2460	39000.	107	40630	No
169	GOM_NL__2PRFIN20091207_121217_000000592084_00496_40630_5121.N1	07-DEC-2009 12:12:17	Dark	59.000	117	Pi Pup	2.7060	3800.0	118	40630	No
170	GOM_NL__2PRFIN20091207_121550_000000612084_00496_40630_5122.N1	07-DEC-2009 12:15:50	Dark	60.500	23	21Eps CMa	1.5020	26000.	121	40630	No
171	GOM_NL__2PRFIN20091207_122105_000000562084_00496_40630_5123.N1	07-DEC-2009 12:21:05	Straylight	56.000	47	2Bet CMa	1.9760	28000.	112	40630	No
172	GOM_NL__2PRFIN20091207_122454_000000532084_00496_40630_5124.N1	07-DEC-2009 12:24:54	Straylight	52.500	7	19Bet Ori	0.10000	14000.	105	40630	No
173	GOM_NL__2PRFIN20091207_122731_000000582084_00496_40630_5125.N1	07-DEC-2009 12:27:31	Straylight	57.500	30	46Eps Ori	1.6940	30000.	115	40630	No
174	GOM_NL__2PRFIN20091207_123002_000000532084_00496_40630_5126.N1	07-DEC-2009 12:30:02	Tw_i_and_stray	53.000	27	24Gam Ori	1.6360	26000.	106	40630	No
175	GOM_NL__2PRFIN20091207_123232_000000582084_00496_40630_5127.N1	07-DEC-2009 12:32:32	Bright	58.000	13	87Alp Tau	0.86700	3800.0	116	40630	No
176	GOM_NL__2PRFIN20091207_123536_000000502084_00496_40630_5128.N1	07-DEC-2009 12:35:36	Bright	49.500	176	23Zet Tau	3.0200	22000.	99	40630	No
177	GOM_NL__2PRFIN20091207_123803_000000452084_00496_40630_5129.N1	07-DEC-2009 12:38:03	Bright	44.500	114	3lot Aur	2.6930	4600.0	89	40630	No
178	GOM_NL__2PRFIN20091207_124219_000000452084_00496_40630_5130.N1	07-DEC-2009 12:42:19	Bright	45.000	6	13Alp Aur	0.080000	3400.0	90	40630	No
179	GOM_NL__2PRFIN20091207_125851_000000492084_00496_40630_5131.N1	07-DEC-2009 12:58:51	Bright	49.000	36	50Alp UMa	1.8000	6300.0	98	40630	No
180	GOM_NL__2PRFIN20091207_130024_000000482084_00496_40630_5132.N1	07-DEC-2009 13:00:24	Bright	48.000	82	48Bet UMa	2.3650	10600.	96	40630	No
181	GOM_NL__2PRFIN20091207_130230_000000382084_00496_40630_5133.N1	07-DEC-2009 13:02:30	Bright	38.000	32	77Eps UMa	1.7630	11000.	76	40630	No
182	GOM_NL__2PRFIN20091207_130446_000000552084_00496_40630_5134.N1	07-DEC-2009 13:04:46	Bright	55.000	39	85Eta UMa	1.8540	24000.	110	40630	No
183	GOM_NL__2PRFIN20091207_130818_000000412084_00496_40630_5135.N1	07-DEC-2009 13:08:18	Bright	40.500	152	12Alp2CVn	2.8900	11000.	81	40630	No
184	GOM_NL__2PRFIN20091207_131402_000000362084_00496_40630_5136.N1	07-DEC-2009 13:14:02	Bright	36.000	111	8Eta Boo	2.6800	6000.0	72	40630	No
185	GOM_NL__2PRFIN20091207_131725_000000582084_00496_40630_5137.N1	07-DEC-2009 13:17:25	Bright	58.000	138	47Eps Vir	2.8280	4700.0	116	40630	No
186	GOM_NL__2PRFIN20091207_132208_000000532084_00496_40630_5138.N1	07-DEC-2009 13:22:08	Tw_i_and_stray	53.000	121	29Gam Vir	2.7400	7200.0	106	40630	No
187	GOM_NL__2PRFIN20091207_132810_000000502084_00496_40630_5139.N1	07-DEC-2009 13:28:10	Dark	49.500	100	4Gam Crv	2.5800	13100.	99	40630	No
188	GOM_NL__2PRFIN20091207_132946_000000552084_00496_40630_5140.N1	07-DEC-2009 13:29:46	Dark	54.500	171	2Eps Crv	3.0010	4250.0	109	40630	No
189	GOM_NL__2PRFIN20091207_133906_000000472084_00497_40631_5164.N1	07-DEC-2009 13:39:06	Dark	46.500	113	Mu Vel	2.6920	5000.0	93	40631	No
190	GOM_NL__2PRFIN20091207_134746_000000462084_00497_40631_5165.N1	07-DEC-2009 13:47:46	Dark	46.000	34	Gam2Vel	1.7930	23000.	92	40631	No
191	GOM_NL__2PRFIN20091207_134945_000000532084_00497_40631_5166.N1	07-DEC-2009 13:49:45	Dark	52.500	70	Zet Pup	2.2460	39000.	105	40631	No
192	GOM_NL__2PRFIN20091207_135253_000000582084_00497_40631_5167.N1	07-DEC-2009 13:52:53	Dark	58.000	117	Pi Pup	2.7060	3800.0	116	40631	No
193	GOM_NL__2PRFIN20091207_135627_000000622084_00497_40631_5168.N1	07-DEC-2009 13:56:27	Dark	61.500	23	21Eps CMa	1.5020	26000.	123	40631	No
194	GOM_NL__2PRFIN20091207_140141_000000612084_00497_40631_5169.N1	07-DEC-2009 14:01:41	Straylight	60.500	47	2Bet CMa	1.9760	28000.	121	40631	No
195	GOM_NL__2PRFIN20091207_140530_000000532084_00497_40631_5170.N1	07-DEC-2009 14:05:30	Straylight	53.000	7	19Bet Ori	0.10000	14000.	106	40631	No
196	GOM_NL__2PRFIN20091207_140807_000000562084_00497_40631_5171.N1	07-DEC-2009 14:08:07	Straylight	55.500	30	46Eps Ori	1.6940	30000.	111	40631	No
197	GOM_NL__2PRFIN20091207_141038_000000562084_00497_40631_5172.N1	07-DEC-2009 14:10:38	Tw_i_and_stray	56.000	27	24Gam Ori	1.6360	26000.	112	40631	No
198	GOM_NL__2PRFIN20091207_141308_000000532084_00497_40631_5173.N1	07-DEC-2009 14:13:08	Bright	52.500	13	87Alp Tau	0.86700	3800.0	105	40631	No
199	GOM_NL__2PRFIN20091207_141611_000000512084_00497_40631_5174.N1	07-DEC-2009 14:16:11	Bright	50.500	176	23Zet Tau	3.0200	22000.	101	40631	No
200	GOM_NL__2PRFIN20091207_141838_000000432084_00497_40631_5175.N1	07-DEC-2009 14:18:38	Bright	42.500	114	3lot Aur	2.6930	4600.0	85	40631	No
201	GOM_NL__2PRFIN20091207_142255_000000512084_00497_40631_5176.N1	07-DEC-2009 14:22:55	Bright	50.500	6	13Alp Aur	0.080000	3400.0	101	40631	No
202	GOM_NL__2PRFIN20091207_143927_000000502084_00497_40631_5177.N1	07-DEC-2009 14:39:27	Bright	50.000	36	50Alp UMa	1.8000	6300.0	100	40631	No
203	GOM_NL__2PRFIN20091207_144100_000000532084_00497_40631_5178.N1	07-DEC-2009 14:41:00	Bright	53.000	82	48Bet UMa	2.3650	10600.	106	40631	No
204	GOM_NL__2PRFIN20091207_144306_000000522084_00497_40631_5179.N1	07-DEC-2009 14:43:06	Bright	51.500	32	77Eps UMa	1.7630	11000.	103	40631	No
205	GOM_NL__2PRFIN20091207_144523_000000552084_00497_40631_5180.N1	07-DEC-2009 14:45:23	Bright	55.000	39	85Eta UMa	1.8540	24000.	110	40631	No
206	GOM_NL__2PRFIN20091207_144854_000000442084_00497_40631_5181.N1	07-DEC-2009 14:48:54	Bright	43.500	152	12Alp2CVn	2.8900	11000.	87	40631	No
207	GOM_NL__2PRFIN20091207_145438_000000552084_00497_40631_5182.N1	07-DEC-2009 14:54:38	Bright	55.000	111	8Eta Boo	2.6800	6000.0	110	40631	No
208	GOM_NL__2PRFIN20091207_145802_000000642084_00497_40631_5183.N1	07-DEC-2009 14:58:02	Bright	64.000	138	47Eps Vir	2.8280	4700.0	128	40631	No
209	GOM_NL__2PRFIN20091207_150245_000000522084_00497_40631_5184.N1	07-DEC-2009 15:02:45	Tw_i_and_stray	51.500	121	29Gam Vir	2.7400	7200.0	103	40631	No
210	GOM_NL__2PRFIN20091207_150847_000000502084_00497_40631_5185.N1	07-DEC-2009 15:08:47	Dark	50.000	100	4Gam Crv	2.5800	13100.	100	40631	No
211	GOM_NL__2PRFIN20091207_151023_000000542084_00497_40631_5186.N1	07-DEC-2009 15:10:23	Dark	54.000	171	2Eps Crv	3.0010	4250.0	108	40631	No
212	GOM_NL__2PRFIN20091207_151942_000000482084_00498_40632_5190.N1	07-DEC-2009 15:19:42	Dark	48.000	113	Mu Vel	2.6920	5000.0	96	40632	No
213	GOM_NL__2PRFIN20091207_152823_000000502084_00498_40632_5191.N1	07-DEC-2009 15:28:23	Dark	50.000	34	Gam2Vel	1.7930	23000.	100	40632	No
214	GOM_NL__2PRFIN20091207_153021_000000572084_00498_40632_5192.N1	07-DEC-2009 15:30:21	Dark	56.500	70	Zet Pup	2.2460	39000.	113	40632	No
215	GOM_NL__2PRFIN20091207_153330_000000642084_00498_40632_5193.N1	07-DEC-2009 15:33:30	Dark	63.500	117	Pi Pup	2.7060	3800.0	127	40632	No
216	GOM_NL__2PRFIN20091207_153703_000000582084_00498_40632_5194.N1	07-DEC-2009 15:37:03	Dark	57.500	23	21Eps CMa	1.5020	26000.	115	40632	No
217	GOM_NL__2PRFIN20091207_154217_000000592084_00498_40632_5195.N1	07-DEC-2009 15:42:17	Straylight	59.000	47	2Bet CMa	1.9760	28000.	118	40632	No
218	GOM_NL__2PRFIN20091207_154606_000000552084_00498_40632_5196.N1	07-DEC-2009 15:46:06	Straylight	54.500	7	19Bet Ori	0.10000	14000.	109	40632	No
219	GOM_NL__2PRFIN20091207_154842_000000552084_00498_40632_5197.N1	07-DEC-2009 15:48:42	Straylight	54.500	30	46Eps Ori	1.6940	30000.	109	40632	No

220	GOM_NL__2PRFIN20091207_155113_000000542084_00498_40632_5198.N1	07-DEC-2009 15:51:13	Twilight	53.500	27	24Gam Ori	1.6360	26000.	107	40632	No
221	GOM_NL__2PRFIN20091207_155344_000000582084_00498_40632_5199.N1	07-DEC-2009 15:53:44	Bright	58.000	13	87Alp Tau	0.86700	3800.0	116	40632	No
222	GOM_NL__2PRFIN20091207_155646_000000512084_00498_40632_5200.N1	07-DEC-2009 15:56:46	Bright	51.000	176	23Zet Tau	3.0200	22000.	102	40632	No
223	GOM_NL__2PRFIN20091207_155914_000000442084_00498_40632_5201.N1	07-DEC-2009 15:59:14	Bright	43.500	114	3lot Aur	2.6930	4600.0	87	40632	No
224	GOM_NL__2PRFIN20091207_160330_000000482084_00498_40632_5202.N1	07-DEC-2009 16:03:30	Bright	48.000	6	13Alp Aur	0.080000	3400.0	96	40632	No
225	GOM_NL__2PRFIN20091207_162003_000000502084_00498_40632_5203.N1	07-DEC-2009 16:20:03	Bright	50.000	36	50Alp UMa	1.8000	6300.0	100	40632	No
226	GOM_NL__2PRFIN20091207_162135_000000532084_00498_40632_5204.N1	07-DEC-2009 16:21:35	Bright	52.500	82	48Bet UMa	2.3650	10600.	105	40632	No
227	GOM_NL__2PRFIN20091207_162342_000000442084_00498_40632_5205.N1	07-DEC-2009 16:23:42	Bright	43.500	32	77Eps UMa	1.7630	11000.	87	40632	No
228	GOM_NL__2PRFIN20091207_162558_000000412084_00498_40632_5206.N1	07-DEC-2009 16:25:58	Bright	41.000	39	85Eta UMa	1.8540	24000.	82	40632	No
229	GOM_NL__2PRFIN20091207_162930_000000422084_00498_40632_5207.N1	07-DEC-2009 16:29:30	Bright	42.000	152	12Alp2CVn	2.8900	11000.	84	40632	No
230	GOM_NL__2PRFIN20091207_163514_000000362084_00498_40632_5208.N1	07-DEC-2009 16:35:14	Bright	36.000	111	8Eta Boo	2.6800	6000.0	72	40632	No
231	GOM_NL__2PRFIN20091207_163838_000000462084_00498_40632_5209.N1	07-DEC-2009 16:38:38	Bright	46.000	138	47Eps Vir	2.8280	4700.0	92	40632	No
232	GOM_NL__2PRFIN20091207_164321_000000552084_00498_40632_5210.N1	07-DEC-2009 16:43:21	Twilight	54.500	121	29Gam Vir	2.7400	7200.0	109	40632	No
233	GOM_NL__2PRFIN20091207_164924_000000512084_00498_40632_5211.N1	07-DEC-2009 16:49:24	Dark	51.000	100	4Gam Crv	2.5800	13100.	102	40632	No
234	GOM_NL__2PRFIN20091207_165100_000000512084_00498_40632_5212.N1	07-DEC-2009 16:51:00	Dark	51.000	171	2Eps Crv	3.0010	4250.0	102	40632	No
235	GOM_NL__2PRFIN20091207_170019_000000442084_00499_40633_5199.N1	07-DEC-2009 17:00:19	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	40633	No
236	GOM_NL__2PRFIN20091207_170900_000000472084_00499_40633_5200.N1	07-DEC-2009 17:09:00	Dark	46.500	34	Gam2Vel	1.7930	23000.	93	40633	No
237	GOM_NL__2PRFIN20091207_171058_000000562084_00499_40633_5201.N1	07-DEC-2009 17:10:58	Dark	56.000	70	Zet Pup	2.2460	39000.	112	40633	No
238	GOM_NL__2PRFIN20091207_171407_000000562084_00499_40633_5202.N1	07-DEC-2009 17:14:07	Dark	56.000	117	Pi Pup	2.7060	3800.0	112	40633	No
239	GOM_NL__2PRFIN20091207_171740_000000622084_00499_40633_5203.N1	07-DEC-2009 17:17:40	Dark	62.000	23	21Eps CMa	1.5020	26000.	124	40633	No
240	GOM_NL__2PRFIN20091207_172253_000000602084_00499_40633_5204.N1	07-DEC-2009 17:22:53	Straylight	60.000	47	2Bet CMa	1.9760	28000.	120	40633	No
241	GOM_NL__2PRFIN20091207_172642_000000532084_00499_40633_5205.N1	07-DEC-2009 17:26:42	Straylight	52.500	7	19Bet Ori	0.10000	14000.	105	40633	No
242	GOM_NL__2PRFIN20091207_172918_000000532084_00499_40633_5206.N1	07-DEC-2009 17:29:18	Straylight	53.000	30	46Eps Ori	1.6940	30000.	106	40633	No
243	GOM_NL__2PRFIN20091207_173149_000000502084_00499_40633_5207.N1	07-DEC-2009 17:31:49	Twilight	50.000	27	24Gam Ori	1.6360	26000.	100	40633	No
244	GOM_NL__2PRFIN20091207_173420_000000522084_00499_40633_5208.N1	07-DEC-2009 17:34:20	Bright	51.500	13	87Alp Tau	0.86700	3800.0	103	40633	No
245	GOM_NL__2PRFIN20091207_173721_000000502084_00499_40633_5209.N1	07-DEC-2009 17:37:21	Bright	49.500	176	23Zet Tau	3.0200	22000.	99	40633	No
246	GOM_NL__2PRFIN20091207_173949_000000432084_00499_40633_5210.N1	07-DEC-2009 17:39:49	Bright	43.000	114	3lot Aur	2.6930	4600.0	86	40633	No
247	GOM_NL__2PRFIN20091207_174405_000000502084_00499_40633_5211.N1	07-DEC-2009 17:44:05	Bright	50.000	6	13Alp Aur	0.080000	3400.0	100	40633	No
248	GOM_NL__2PRFIN20091207_180038_000000492084_00499_40633_5212.N1	07-DEC-2009 18:00:38	Bright	48.500	36	50Alp UMa	1.8000	6300.0	97	40633	No
249	GOM_NL__2PRFIN20091207_180211_000000512084_00499_40633_5213.N1	07-DEC-2009 18:02:11	Bright	50.500	82	48Bet UMa	2.3650	10600.	101	40633	No
250	GOM_NL__2PRFIN20091207_180417_000000462084_00499_40633_5214.N1	07-DEC-2009 18:04:17	Bright	45.500	32	77Eps UMa	1.7630	11000.	91	40633	No
251	GOM_NL__2PRFIN20091207_180634_000000552084_00499_40633_5215.N1	07-DEC-2009 18:06:34	Bright	55.000	39	85Eta UMa	1.8540	24000.	110	40633	No
252	GOM_NL__2PRFIN20091207_181006_000000422084_00499_40633_5216.N1	07-DEC-2009 18:10:06	Bright	42.000	152	12Alp2CVn	2.8900	11000.	84	40633	No
253	GOM_NL__2PRFIN20091207_181551_000000362084_00499_40633_5217.N1	07-DEC-2009 18:15:51	Bright	36.000	111	8Eta Boo	2.6800	6000.0	72	40633	No
254	GOM_NL__2PRFIN20091207_181915_000000472084_00499_40633_5218.N1	07-DEC-2009 18:19:15	Bright	47.000	138	47Eps Vir	2.8280	4700.0	94	40633	No
255	GOM_NL__2PRFIN20091207_182358_000000502084_00499_40633_5219.N1	07-DEC-2009 18:23:58	Twilight	49.500	121	29Gam Vir	2.7400	7200.0	99	40633	No
256	GOM_NL__2PRFIN20091207_183001_000000532084_00499_40633_5220.N1	07-DEC-2009 18:30:01	Dark	52.500	100	4Gam Crv	2.5800	13100.	105	40633	No
257	GOM_NL__2PRFIN20091207_183137_000000552084_00499_40633_5221.N1	07-DEC-2009 18:31:37	Dark	55.000	171	2Eps Crv	3.0010	4250.0	110	40633	No
258	GOM_NL__2PRFIN20091207_184056_000000452084_00500_40634_5207.N1	07-DEC-2009 18:40:56	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	40634	No
259	GOM_NL__2PRFIN20091207_184937_000000522084_00500_40634_5208.N1	07-DEC-2009 18:49:37	Dark	52.000	34	Gam2Vel	1.7930	23000.	104	40634	No
260	GOM_NL__2PRFIN20091207_185135_000000542084_00500_40634_5209.N1	07-DEC-2009 18:51:35	Dark	53.500	70	Zet Pup	2.2460	39000.	107	40634	No
261	GOM_NL__2PRFIN20091207_185443_000000602084_00500_40634_5210.N1	07-DEC-2009 18:54:43	Dark	59.500	117	Pi Pup	2.7060	3800.0	119	40634	No
262	GOM_NL__2PRFIN20091207_185816_000000622084_00500_40634_5211.N1	07-DEC-2009 18:58:16	Dark	61.500	23	21Eps CMa	1.5020	26000.	123	40634	No
263	GOM_NL__2PRFIN20091207_190329_000000592084_00500_40634_5212.N1	07-DEC-2009 19:03:29	Straylight	59.000	47	2Bet CMa	1.9760	28000.	118	40634	No
264	GOM_NL__2PRFIN20091207_190718_000000542084_00500_40634_5213.N1	07-DEC-2009 19:07:18	Straylight	54.000	7	19Bet Ori	0.10000	14000.	108	40634	No
265	GOM_NL__2PRFIN20091207_190954_000000562084_00500_40634_5214.N1	07-DEC-2009 19:09:54	Straylight	56.000	30	46Eps Ori	1.6940	30000.	112	40634	No
266	GOM_NL__2PRFIN20091207_191225_000000522084_00500_40634_5215.N1	07-DEC-2009 19:12:25	Twilight	52.000	27	24Gam Ori	1.6360	26000.	104	40634	No
267	GOM_NL__2PRFIN20091207_191455_000000492084_00500_40634_5216.N1	07-DEC-2009 19:14:55	Bright	49.000	13	87Alp Tau	0.86700	3800.0	98	40634	No
268	GOM_NL__2PRFIN20091207_191757_000000482084_00500_40634_5217.N1	07-DEC-2009 19:17:57	Bright	48.000	176	23Zet Tau	3.0200	22000.	96	40634	No
269	GOM_NL__2PRFIN20091207_192025_000000432084_00500_40634_5218.N1	07-DEC-2009 19:20:25	Bright	42.500	114	3lot Aur	2.6930	4600.0	85	40634	No
270	GOM_NL__2PRFIN20091207_192441_000000492084_00500_40634_5219.N1	07-DEC-2009 19:24:41	Bright	49.000	6	13Alp Aur	0.080000	3400.0	98	40634	No
271	GOM_NL__2PRFIN20091207_194114_000000492084_00500_40634_5220.N1	07-DEC-2009 19:41:14	Bright	49.000	36	50Alp UMa	1.8000	6300.0	98	40634	No
272	GOM_NL__2PRFIN20091207_194246_000000512084_00500_40634_5221.N1	07-DEC-2009 19:42:46	Bright	51.000	82	48Bet UMa	2.3650	10600.	102	40634	No
273	GOM_NL__2PRFIN20091207_194453_000000392084_00500_40634_5222.N1	07-DEC-2009 19:44:53	Bright	39.000	32	77Eps UMa	1.7630	11000.	78	40634	No
274	GOM_NL__2PRFIN20091207_194710_000000552084_00500_40634_5223.N1	07-DEC-2009 19:47:10	Bright	55.000	39	85Eta UMa	1.8540	24000.	110	40634	No
275	GOM_NL__2PRFIN20091207_195042_000000412084_00500_40634_5224.N1	07-DEC-2009 19:50:42	Bright	41.000	152	12Alp2CVn	2.8900	11000.	82	40634	No
276	GOM_NL__2PRFIN20091207_195627_000000372084_00500_40634_5225.N1	07-DEC-2009 19:56:27	Bright	36.500	111	8Eta Boo	2.6800	6000.0	73	40634	No
277	GOM_NL__2PRFIN20091207_195951_000000572084_00500_40634_5226.N1	07-DEC-2009 19:59:51	Bright	57.000	138	47Eps Vir	2.8280	4700.0	114	40634	No
278	GOM_NL__2PRFIN20091207_200435_000000542084_00500_40634_5227.N1	07-DEC-2009 20:04:35	Twilight	54.000	121	29Gam Vir	2.7400	7200.0	108	40634	No

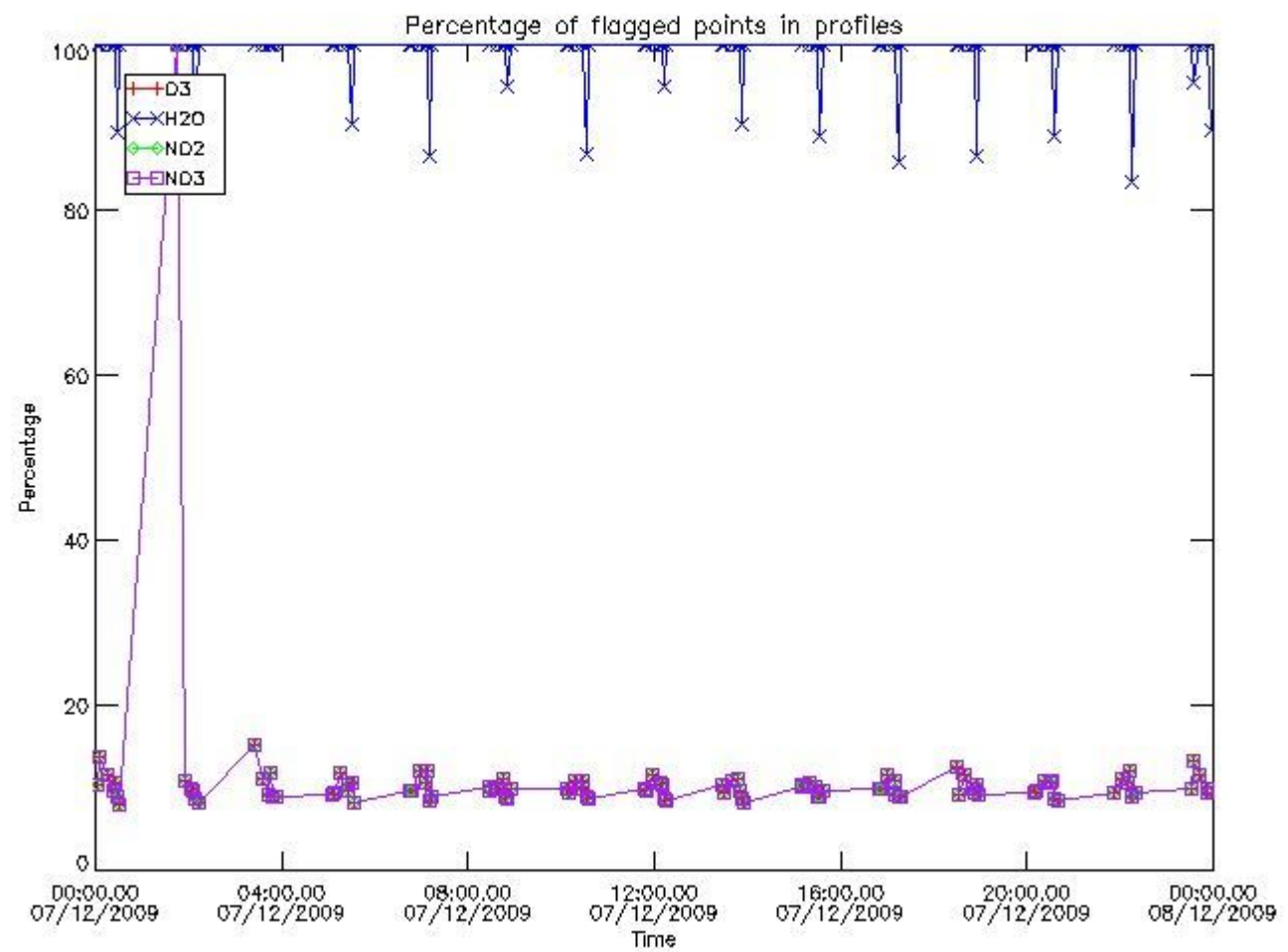


279	GOM_NL__2PRFIN20091207_201038_000000542084_00500_40634_5228.N1	07-DEC-2009 20:10:38	Dark	54.000	100	4Gam Crv	2.5800	13100.	108	40634	No
280	GOM_NL__2PRFIN20091207_201214_000000532084_00500_40634_5229.N1	07-DEC-2009 20:12:14	Dark	53.000	171	2Eps Crv	3.0010	4250.0	106	40634	No
281	GOM_NL__2PRFIN20091207_202133_000000472084_00501_40635_5217.N1	07-DEC-2009 20:21:33	Dark	46.500	113	Mu Vel	2.6920	5000.0	93	40635	No
282	GOM_NL__2PRFIN20091207_203013_000000492084_00501_40635_5218.N1	07-DEC-2009 20:30:13	Dark	48.500	34	Gam2Vel	1.7930	23000.	97	40635	No
283	GOM_NL__2PRFIN20091207_203212_000000562084_00501_40635_5219.N1	07-DEC-2009 20:32:12	Dark	56.000	70	Zet Pup	2.2460	39000.	112	40635	No
284	GOM_NL__2PRFIN20091207_203520_000000592084_00501_40635_5220.N1	07-DEC-2009 20:35:20	Dark	58.500	117	Pi Pup	2.7060	3800.0	117	40635	No
285	GOM_NL__2PRFIN20091207_203853_000000612084_00501_40635_5221.N1	07-DEC-2009 20:38:53	Dark	61.000	23	21Eps CMa	1.5020	26000.	122	40635	No
286	GOM_NL__2PRFIN20091207_204406_000000582084_00501_40635_5222.N1	07-DEC-2009 20:44:06	Straylight	57.500	47	2Bet CMa	1.9760	28000.	115	40635	No
287	GOM_NL__2PRFIN20091207_204754_000000542084_00501_40635_5223.N1	07-DEC-2009 20:47:54	Straylight	53.500	7	19Bet Ori	0.10000	14000.	107	40635	No
288	GOM_NL__2PRFIN20091207_205029_000000562084_00501_40635_5224.N1	07-DEC-2009 20:50:29	Straylight	55.500	30	46Eps Ori	1.6940	30000.	111	40635	No
289	GOM_NL__2PRFIN20091207_205300_000000542084_00501_40635_5225.N1	07-DEC-2009 20:53:00	Tw_i_and_stray	54.000	27	24Gam Ori	1.6360	26000.	108	40635	No
290	GOM_NL__2PRFIN20091207_205531_000000502084_00501_40635_5226.N1	07-DEC-2009 20:55:31	Bright	50.000	13	87Alp Tau	0.86700	3800.0	100	40635	No
291	GOM_NL__2PRFIN20091207_205832_000000482084_00501_40635_5227.N1	07-DEC-2009 20:58:32	Bright	47.500	176	23Zet Tau	3.0200	22000.	95	40635	No
292	GOM_NL__2PRFIN20091207_210100_000000442084_00501_40635_5228.N1	07-DEC-2009 21:01:00	Bright	43.500	114	3Iot Aur	2.6930	4600.0	87	40635	No
293	GOM_NL__2PRFIN20091207_210516_000000462084_00501_40635_5229.N1	07-DEC-2009 21:05:16	Bright	45.500	6	13Alp Aur	0.080000	3400.0	91	40635	No
294	GOM_NL__2PRFIN20091207_212149_000000462084_00501_40635_5230.N1	07-DEC-2009 21:21:49	Bright	46.000	36	50Alp UMa	1.8000	6300.0	92	40635	No
295	GOM_NL__2PRFIN20091207_212322_000000502084_00501_40635_5231.N1	07-DEC-2009 21:23:22	Bright	50.000	82	48Bet UMa	2.3650	10600.	100	40635	No
296	GOM_NL__2PRFIN20091207_212529_000000452084_00501_40635_5232.N1	07-DEC-2009 21:25:29	Bright	44.500	32	77Eps UMa	1.7630	11000.	89	40635	No
297	GOM_NL__2PRFIN20091207_212746_000000372084_00501_40635_5233.N1	07-DEC-2009 21:27:46	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	40635	No
298	GOM_NL__2PRFIN20091207_213118_000000422084_00501_40635_5234.N1	07-DEC-2009 21:31:18	Bright	41.500	152	12Alp2CVn	2.8900	11000.	83	40635	No
299	GOM_NL__2PRFIN20091207_213703_000000372084_00501_40635_5235.N1	07-DEC-2009 21:37:03	Bright	37.000	111	8Eta Boo	2.6800	6000.0	74	40635	No
300	GOM_NL__2PRFIN20091207_214027_000000642084_00501_40635_5236.N1	07-DEC-2009 21:40:27	Bright	64.000	138	47Eps Vir	2.8280	4700.0	128	40635	No
301	GOM_NL__2PRFIN20091207_214511_000000512084_00501_40635_5237.N1	07-DEC-2009 21:45:11	Tw_i_and_stray	51.000	121	29Gam Vir	2.7400	7200.0	102	40635	No
302	GOM_NL__2PRFIN20091207_215251_000000542084_00501_40635_5238.N1	07-DEC-2009 21:52:51	Dark	54.000	171	2Eps Crv	3.0010	4250.0	108	40635	No
303	GOM_NL__2PRFIN20091207_220210_000000462085_00001_40636_5225.N1	07-DEC-2009 22:02:10	Dark	45.500	113	Mu Vel	2.6920	5000.0	91	40636	No
304	GOM_NL__2PRFIN20091207_221050_000000532085_00001_40636_5226.N1	07-DEC-2009 22:10:50	Dark	53.000	34	Gam2Vel	1.7930	23000.	106	40636	No
305	GOM_NL__2PRFIN20091207_221249_000000552085_00001_40636_5227.N1	07-DEC-2009 22:12:49	Dark	54.500	70	Zet Pup	2.2460	39000.	109	40636	No
306	GOM_NL__2PRFIN20091207_221557_000000582085_00001_40636_5228.N1	07-DEC-2009 22:15:57	Dark	57.500	117	Pi Pup	2.7060	3800.0	115	40636	No
307	GOM_NL__2PRFIN20091207_221929_000000592085_00001_40636_5229.N1	07-DEC-2009 22:19:29	Dark	59.000	23	21Eps CMa	1.5020	26000.	118	40636	No
308	GOM_NL__2PRFIN20091207_222442_000000592085_00001_40636_5230.N1	07-DEC-2009 22:24:42	Straylight	58.500	47	2Bet CMa	1.9760	28000.	117	40636	No
309	GOM_NL__2PRFIN20091207_222829_000000552085_00001_40636_5231.N1	07-DEC-2009 22:28:29	Straylight	54.500	7	19Bet Ori	0.10000	14000.	109	40636	No
310	GOM_NL__2PRFIN20091207_223105_000000562085_00001_40636_5232.N1	07-DEC-2009 22:31:05	Straylight	56.000	30	46Eps Ori	1.6940	30000.	112	40636	No
311	GOM_NL__2PRFIN20091207_223336_000000552085_00001_40636_5233.N1	07-DEC-2009 22:33:36	Tw_i_and_stray	55.000	27	24Gam Ori	1.6360	26000.	110	40636	No
312	GOM_NL__2PRFIN20091207_223607_000000582085_00001_40636_5234.N1	07-DEC-2009 22:36:07	Bright	58.000	13	87Alp Tau	0.86700	3800.0	116	40636	No
313	GOM_NL__2PRFIN20091207_223907_000000502085_00001_40636_5235.N1	07-DEC-2009 22:39:07	Bright	49.500	176	23Zet Tau	3.0200	22000.	99	40636	No
314	GOM_NL__2PRFIN20091207_224136_000000442085_00001_40636_5236.N1	07-DEC-2009 22:41:36	Bright	44.000	114	3Iot Aur	2.6930	4600.0	88	40636	No
315	GOM_NL__2PRFIN20091207_224552_000000482085_00001_40636_5237.N1	07-DEC-2009 22:45:52	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	40636	No
316	GOM_NL__2PRFIN20091207_230225_000000462085_00001_40636_5238.N1	07-DEC-2009 23:02:25	Bright	45.500	36	50Alp UMa	1.8000	6300.0	91	40636	No
317	GOM_NL__2PRFIN20091207_230357_000000482085_00001_40636_5239.N1	07-DEC-2009 23:03:57	Bright	48.000	82	48Bet UMa	2.3650	10600.	96	40636	No
318	GOM_NL__2PRFIN20091207_230605_000000382085_00001_40636_5240.N1	07-DEC-2009 23:06:05	Bright	37.500	32	77Eps UMa	1.7630	11000.	75	40636	No
319	GOM_NL__2PRFIN20091207_230822_000000552085_00001_40636_5241.N1	07-DEC-2009 23:08:22	Bright	55.000	39	85Eta UMa	1.8540	24000.	110	40636	No
320	GOM_NL__2PRFIN20091207_231154_000000422085_00001_40636_5242.N1	07-DEC-2009 23:11:54	Bright	42.000	152	12Alp2CVn	2.8900	11000.	84	40636	No
321	GOM_NL__2PRFIN20091207_231739_000000352085_00001_40636_5243.N1	07-DEC-2009 23:17:39	Bright	35.000	111	8Eta Boo	2.6800	6000.0	70	40636	No
322	GOM_NL__2PRFIN20091207_232104_000000642085_00001_40636_5244.N1	07-DEC-2009 23:21:04	Bright	64.000	138	47Eps Vir	2.8280	4700.0	128	40636	No
323	GOM_NL__2PRFIN20091207_232548_000000532085_00001_40636_5245.N1	07-DEC-2009 23:25:48	Tw_i_and_stray	53.000	121	29Gam Vir	2.7400	7200.0	106	40636	No
324	GOM_NL__2PRFIN20091207_233152_000000512085_00001_40636_5246.N1	07-DEC-2009 23:31:52	Dark	51.000	100	4Gam Crv	2.5800	13100.	102	40636	No
325	GOM_NL__2PRFIN20091207_233328_000000542085_00001_40636_5247.N1	07-DEC-2009 23:33:28	Dark	54.000	171	2Eps Crv	3.0010	4250.0	108	40636	No
326	GOM_NL__2PRFIN20091207_234246_000000452085_00002_40637_5233.N1	07-DEC-2009 23:42:46	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	40637	No
327	GOM_NL__2PRFIN20091207_235127_000000522085_00002_40637_5234.N1	07-DEC-2009 23:51:27	Dark	51.500	34	Gam2Vel	1.7930	23000.	103	40637	No
328	GOM_NL__2PRFIN20091207_235325_000000542085_00002_40637_5235.N1	07-DEC-2009 23:53:25	Dark	54.000	70	Zet Pup	2.2460	39000.	108	40637	No
329	GOM_NL__2PRFIN20091207_235633_000000542085_00002_40637_5236.N1	07-DEC-2009 23:56:33	Dark	54.000	117	Pi Pup	2.7060	3800.0	108	40637	No

### 3. Quality information per product

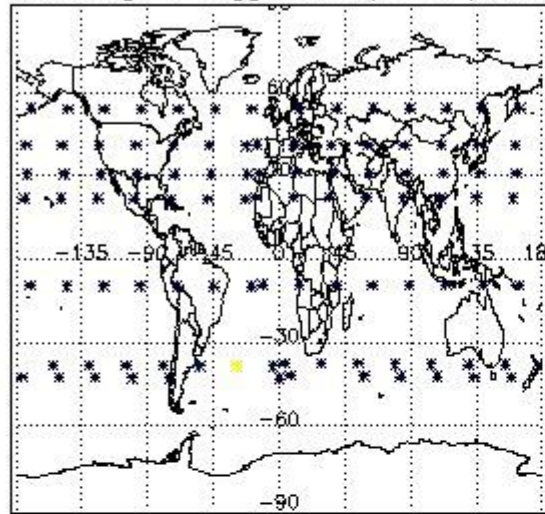
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

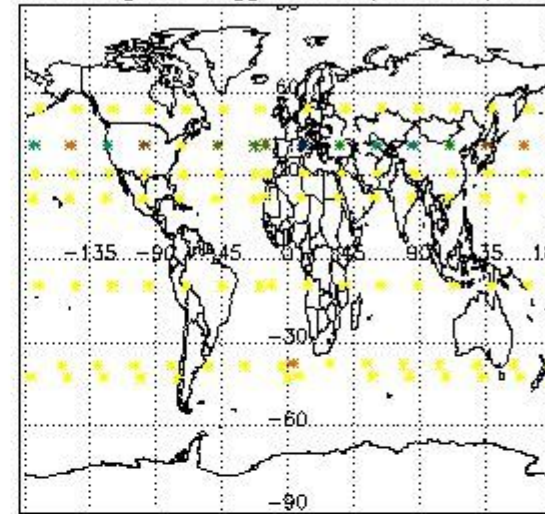


3.2 Plot quality information per product (world map)

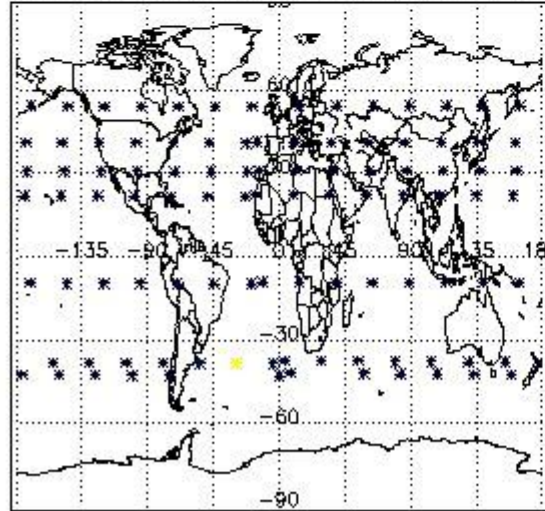
Percentage of flagged data per O3 profile



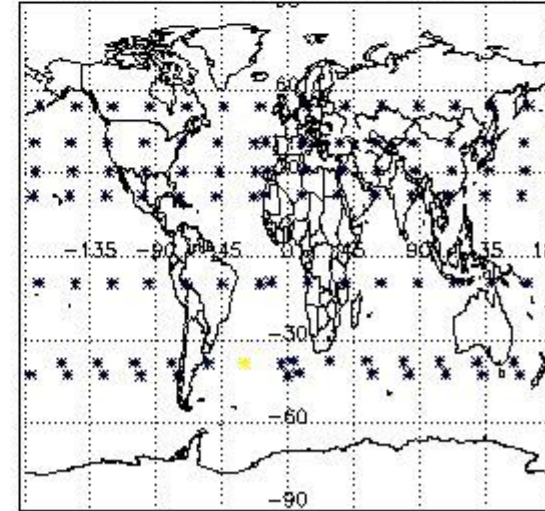
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



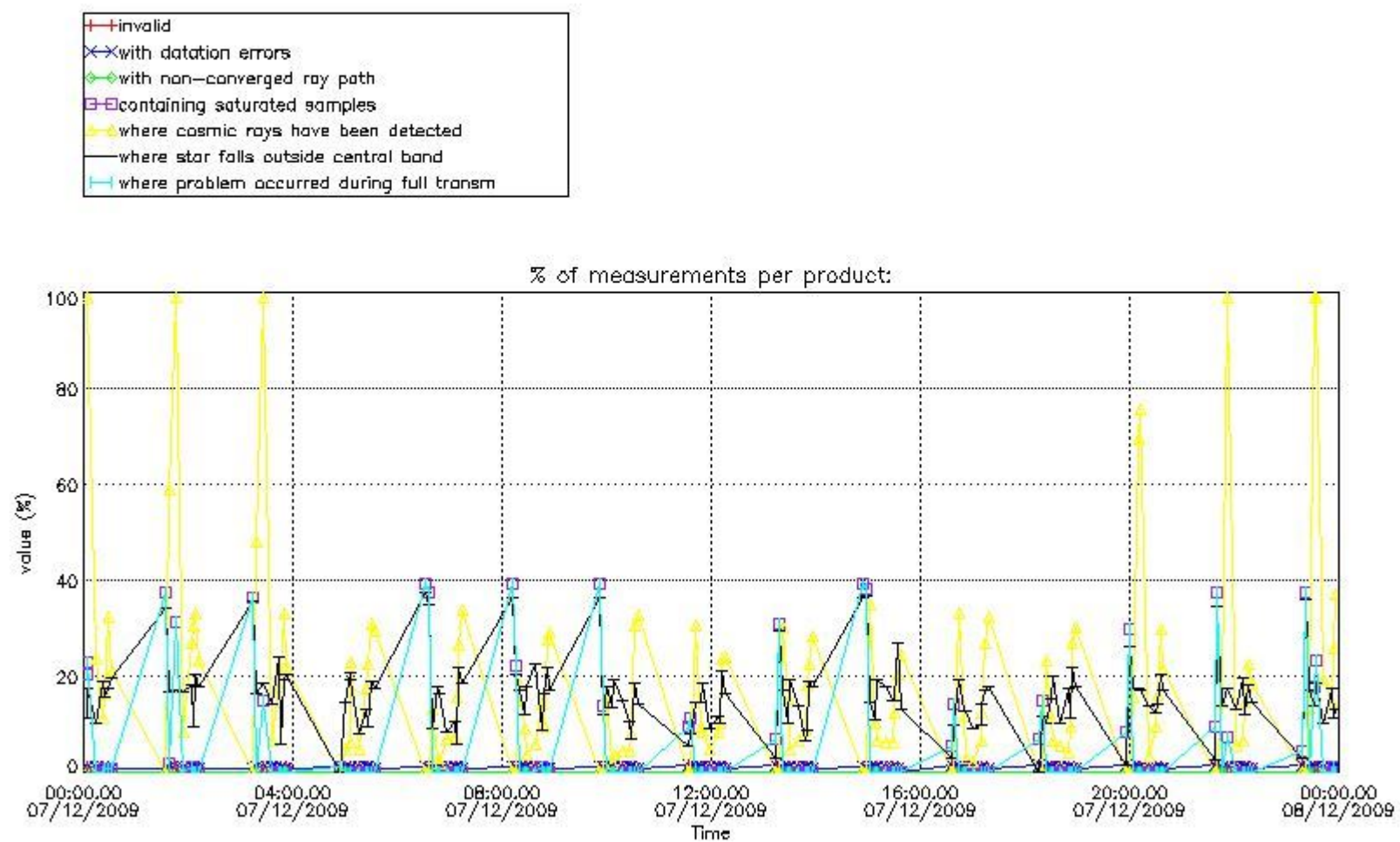
#### 4. Level 1 quality information per product

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.

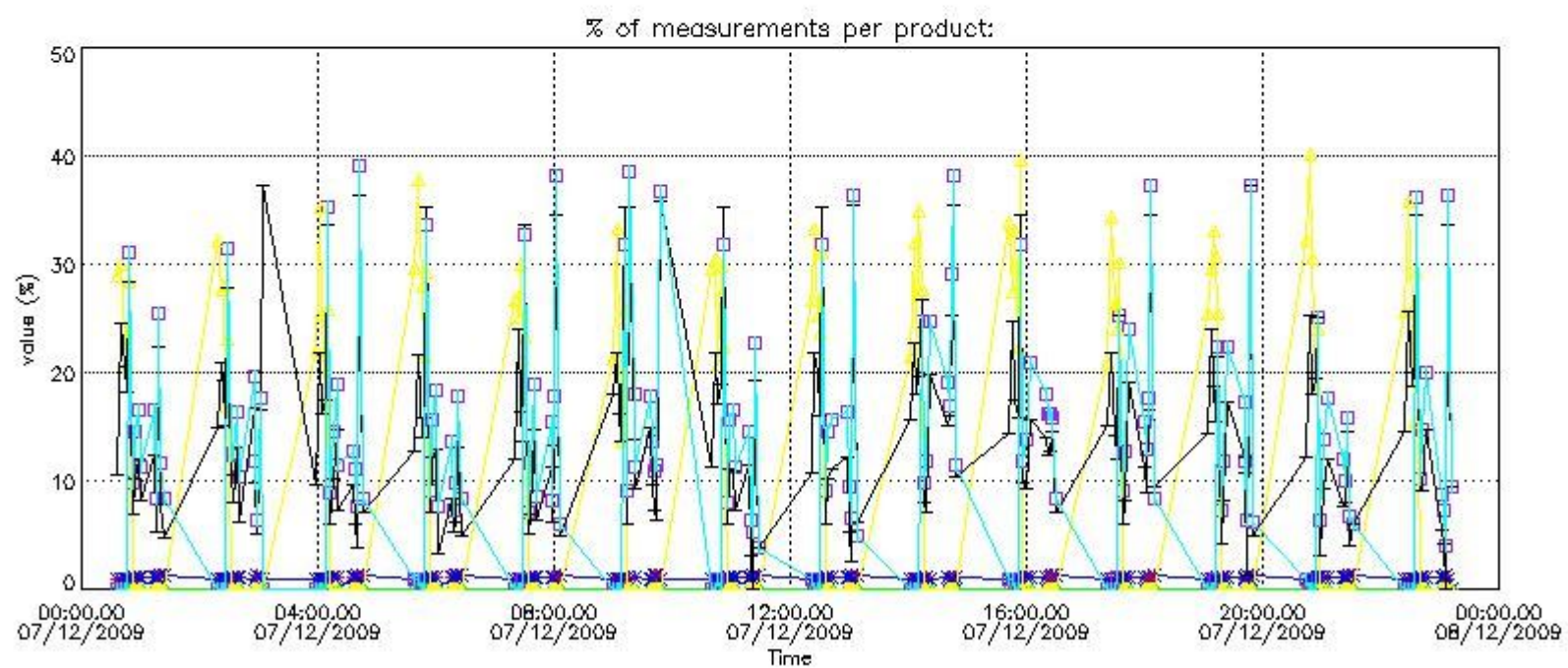
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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





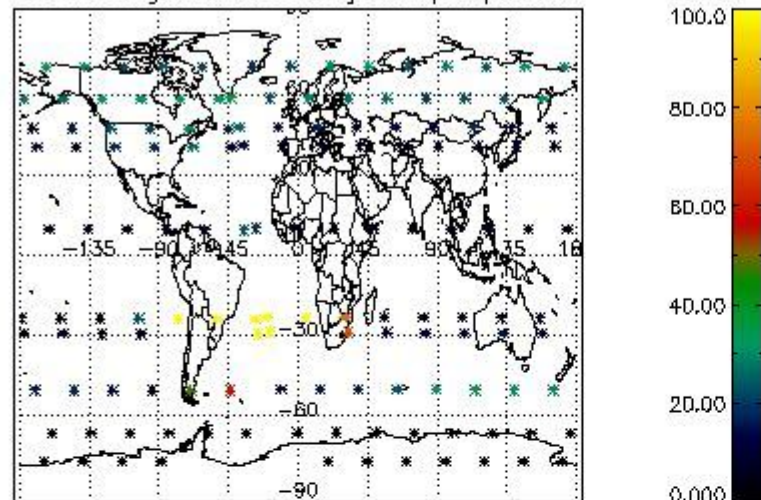
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



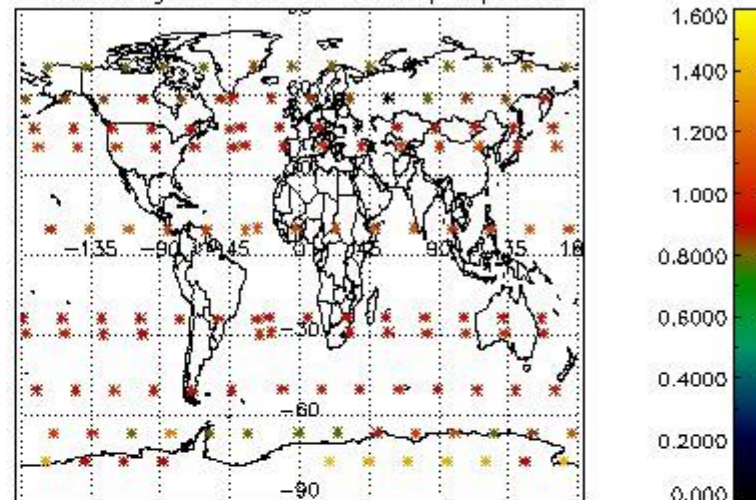
#### 4.2 Plot quality information per product coming from level 1b processing (world map)

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

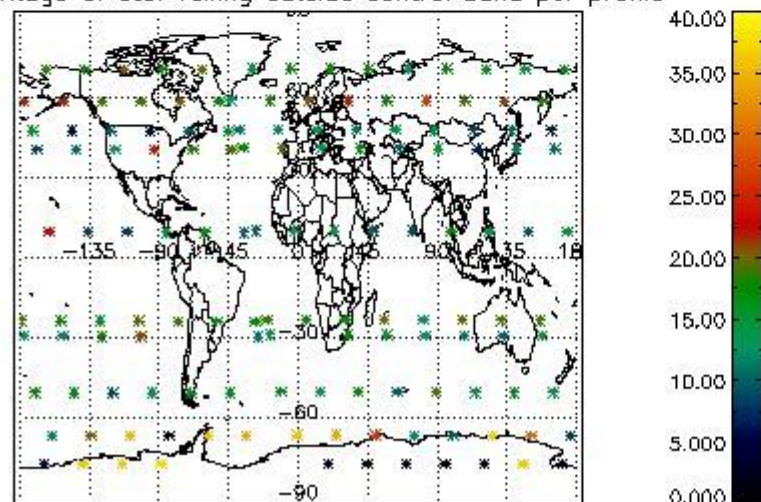
Percentage of cosmic ray hits per profile



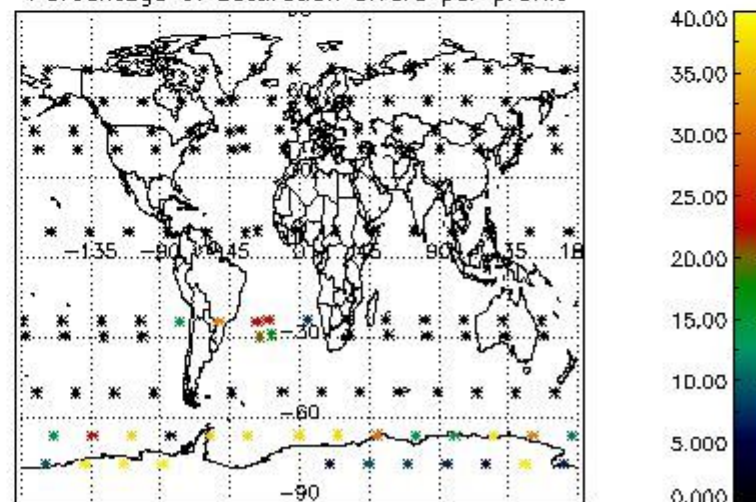
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

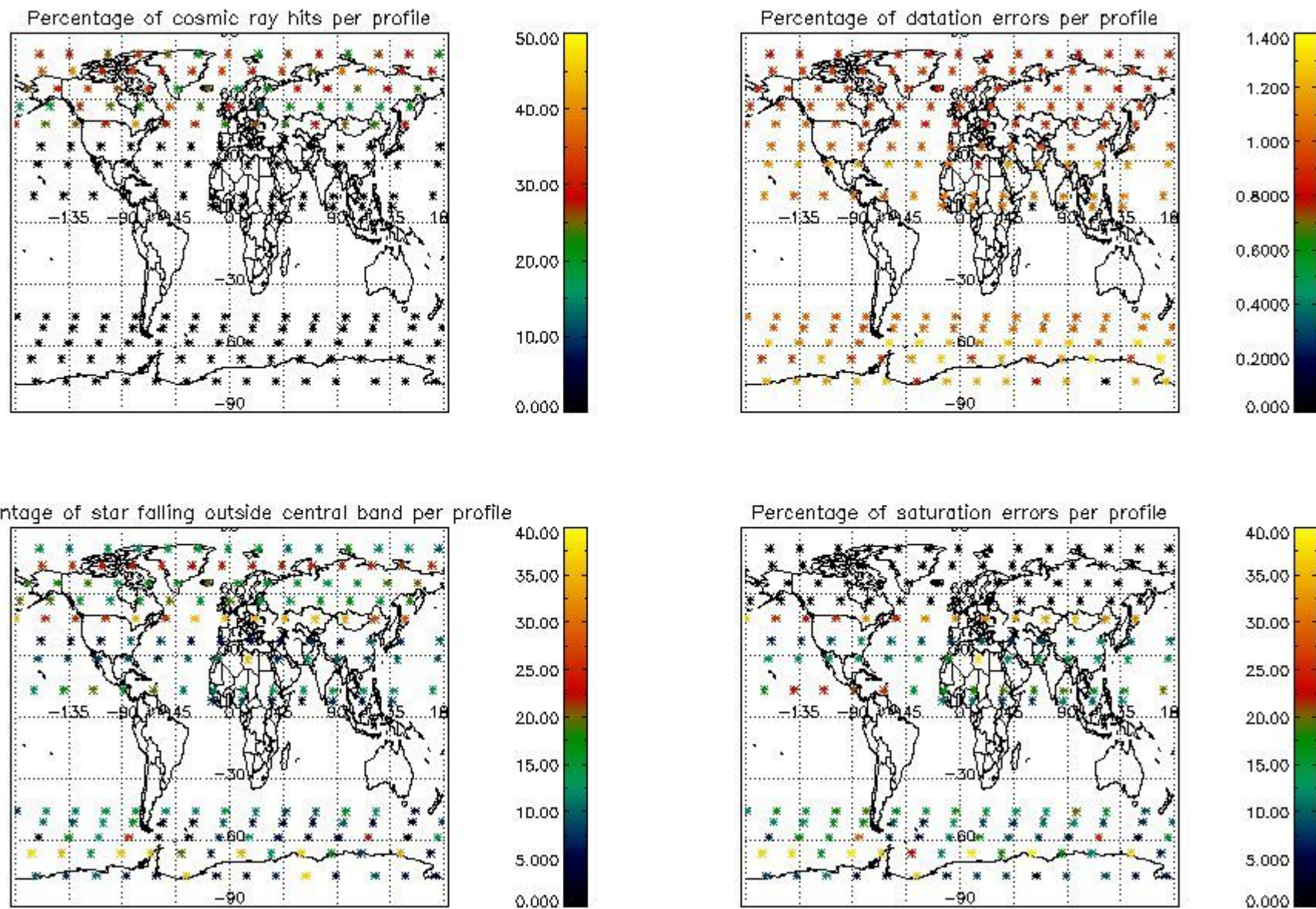


Percentage of saturation errors per profile



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

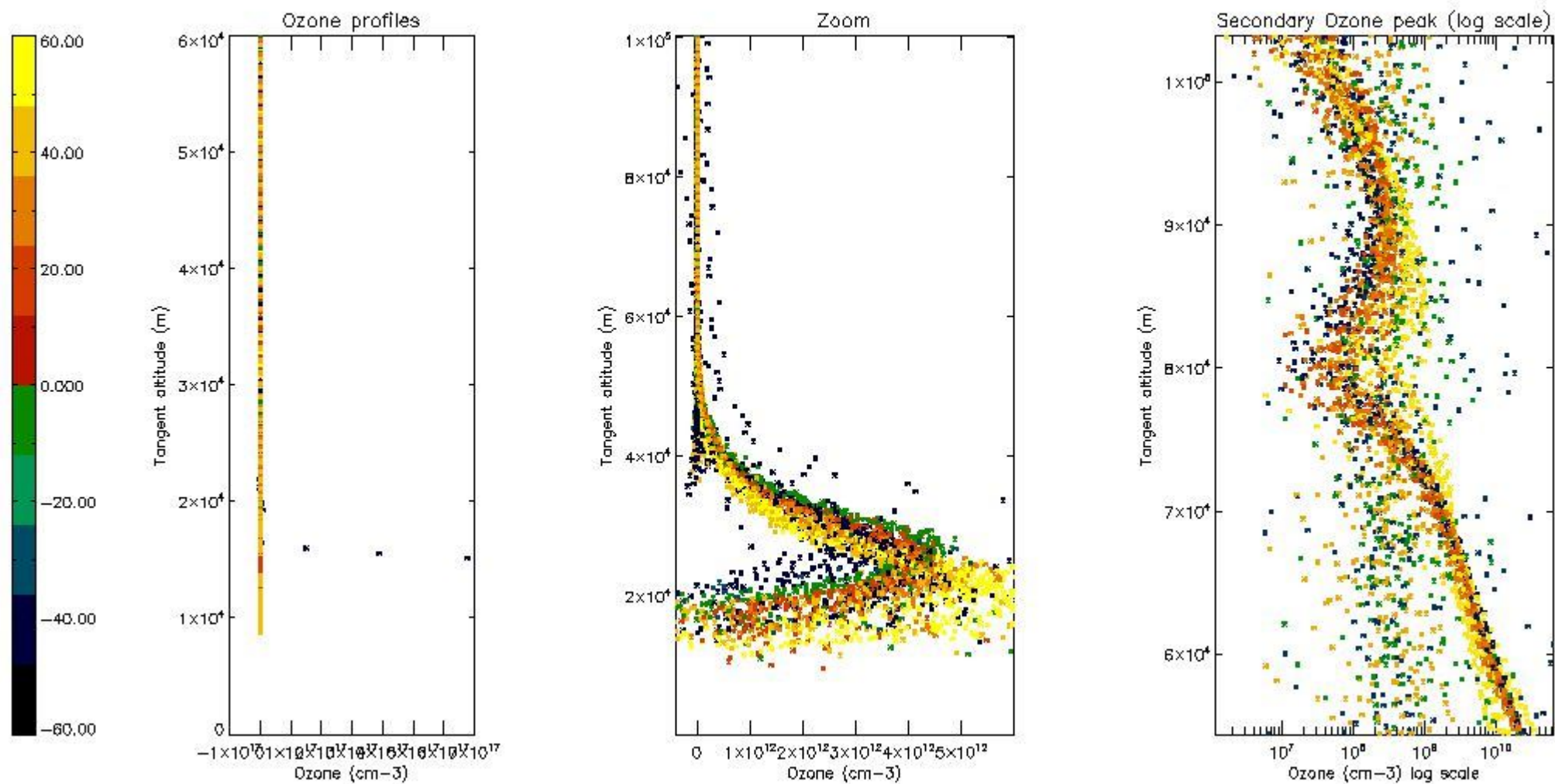
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	33
STD < 20	16

STD < 10	12
STD < 5	9

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

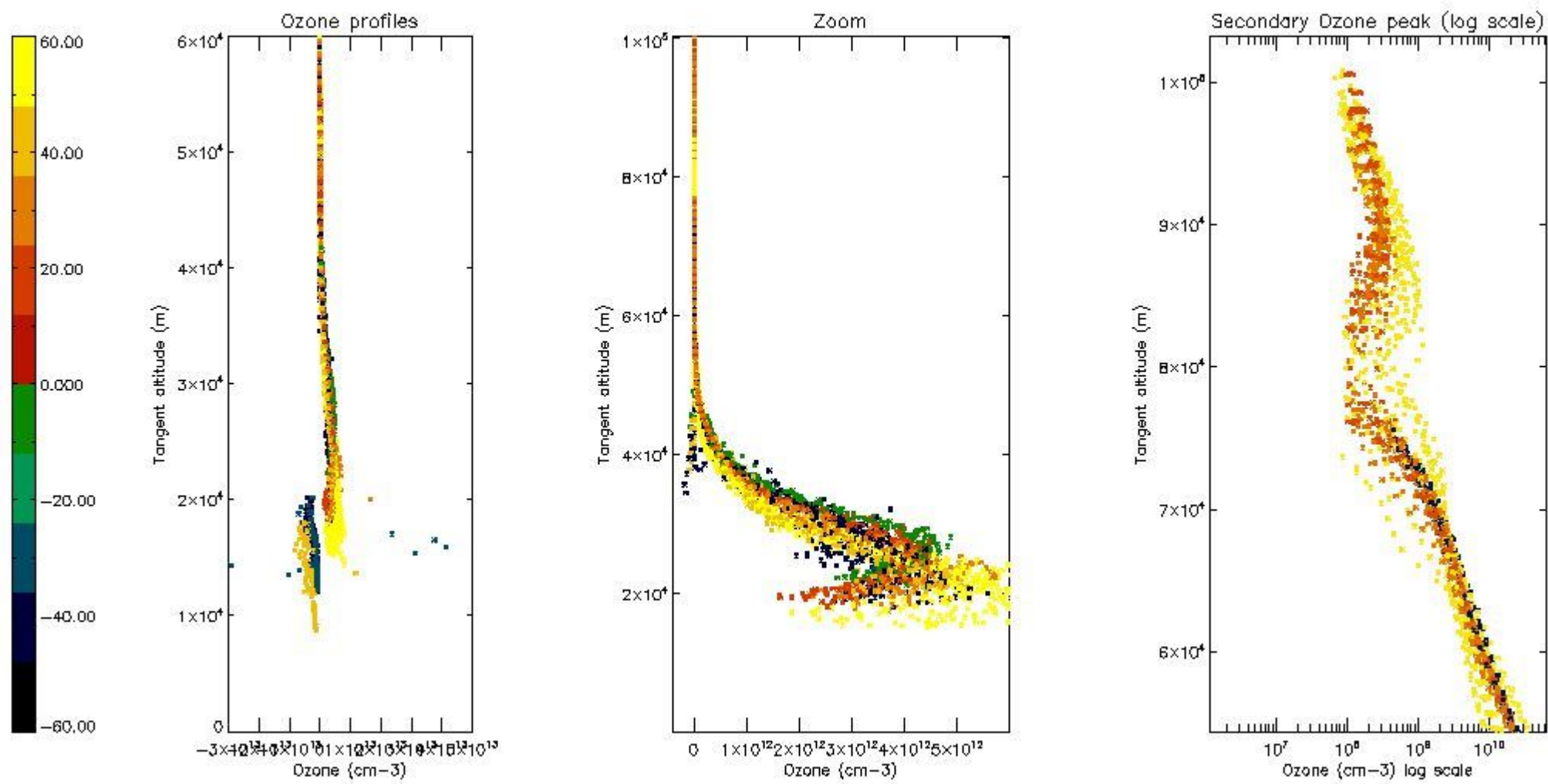
The colorbar represents the latitude.



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

The colorbar represents the latitude.

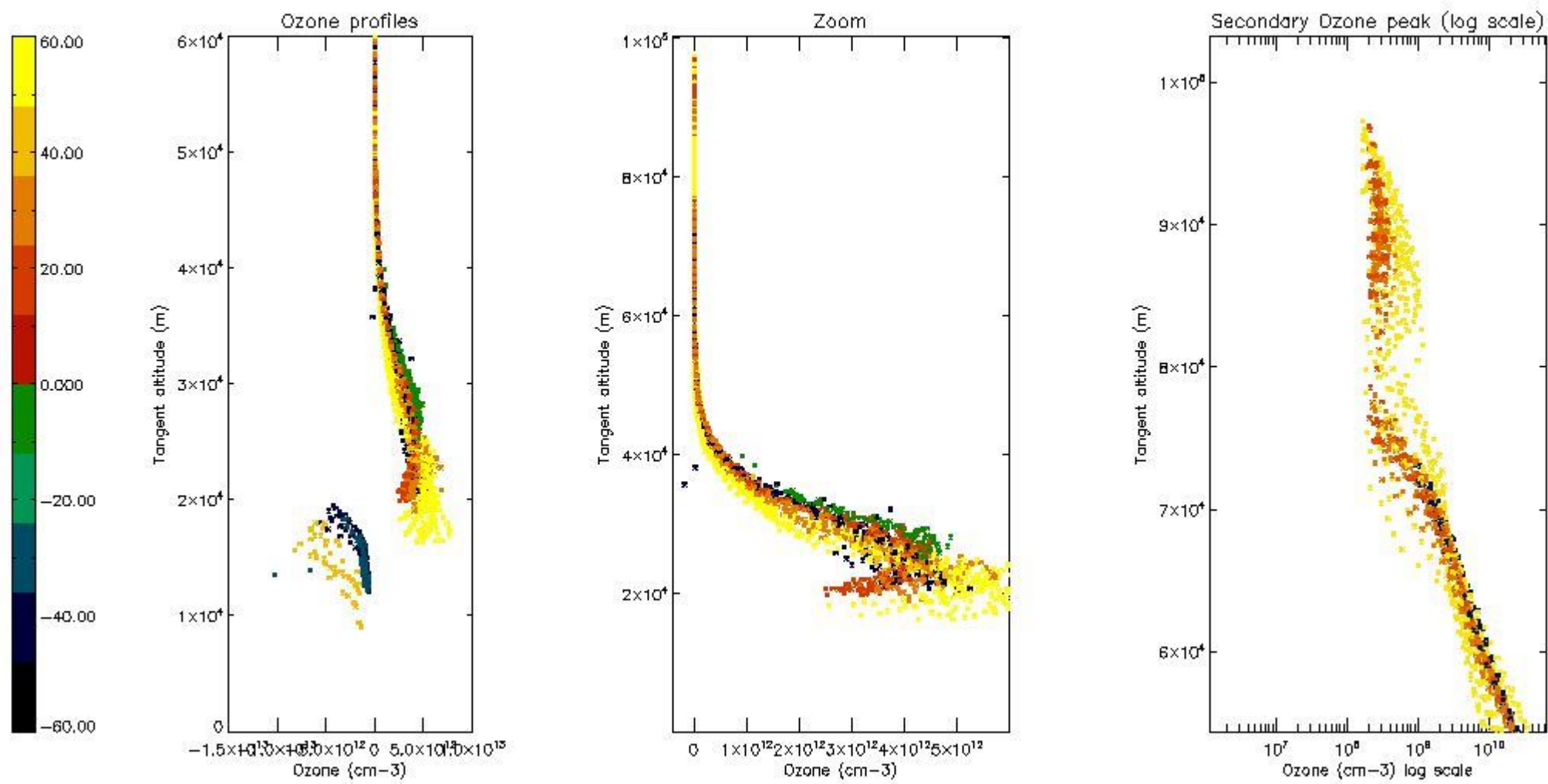




*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

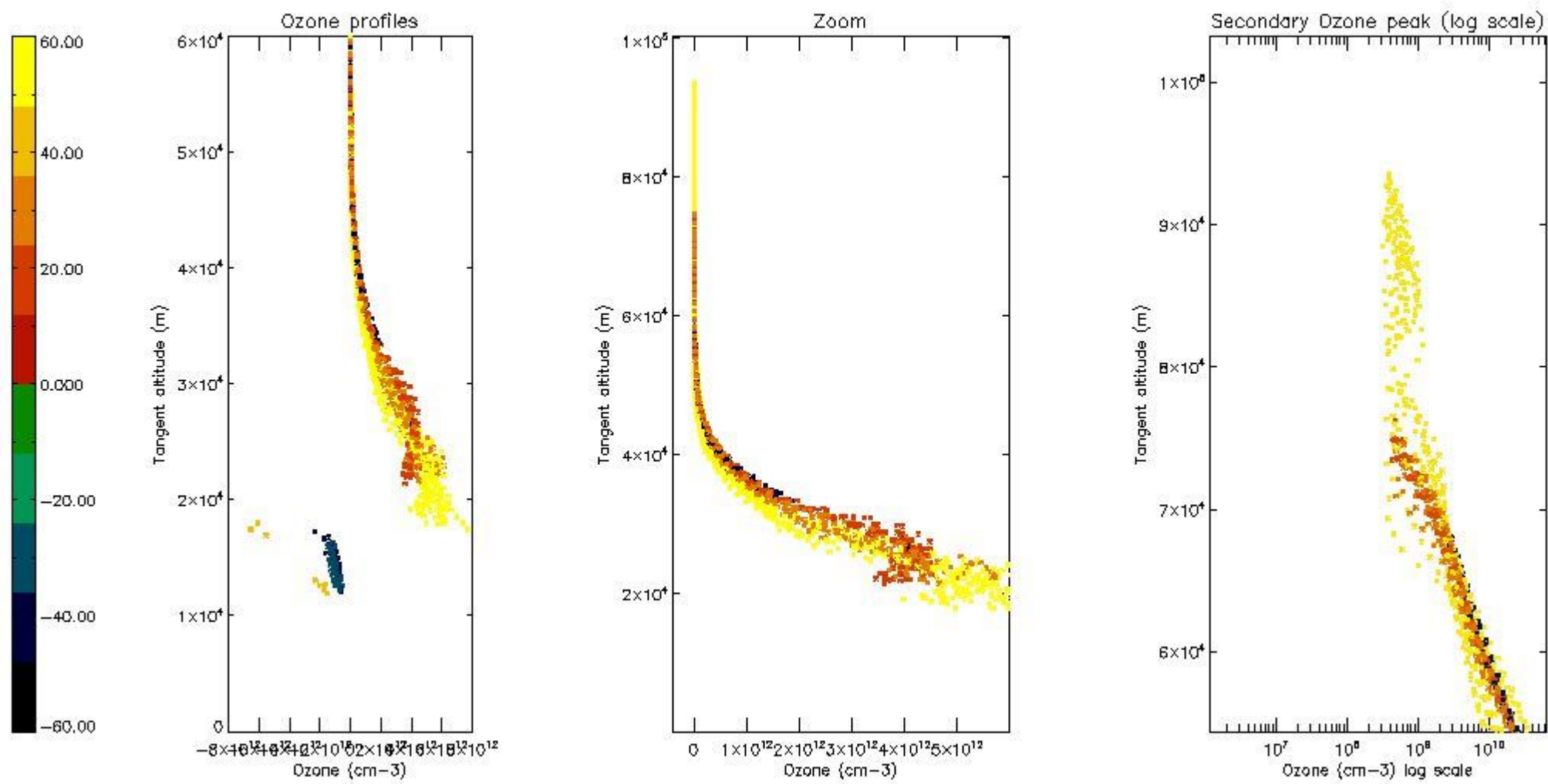
The colorbar represents the latitude.





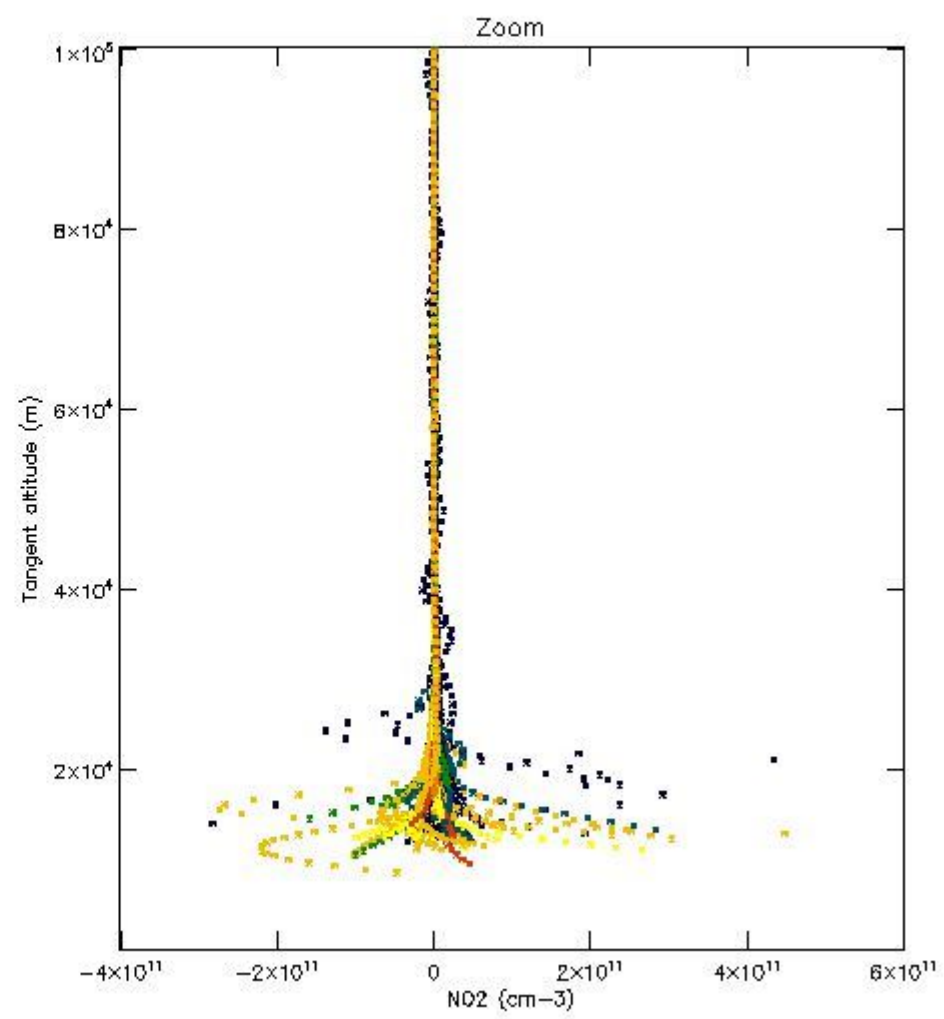
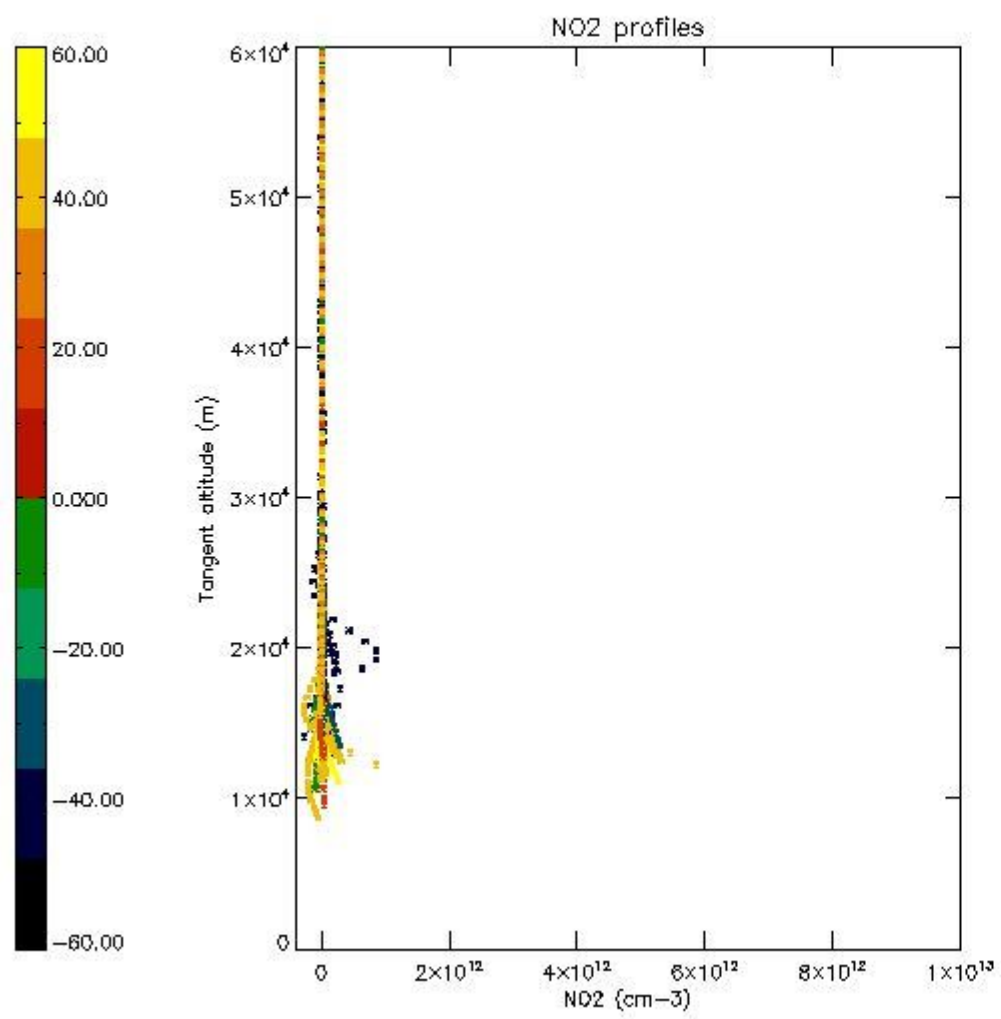
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



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

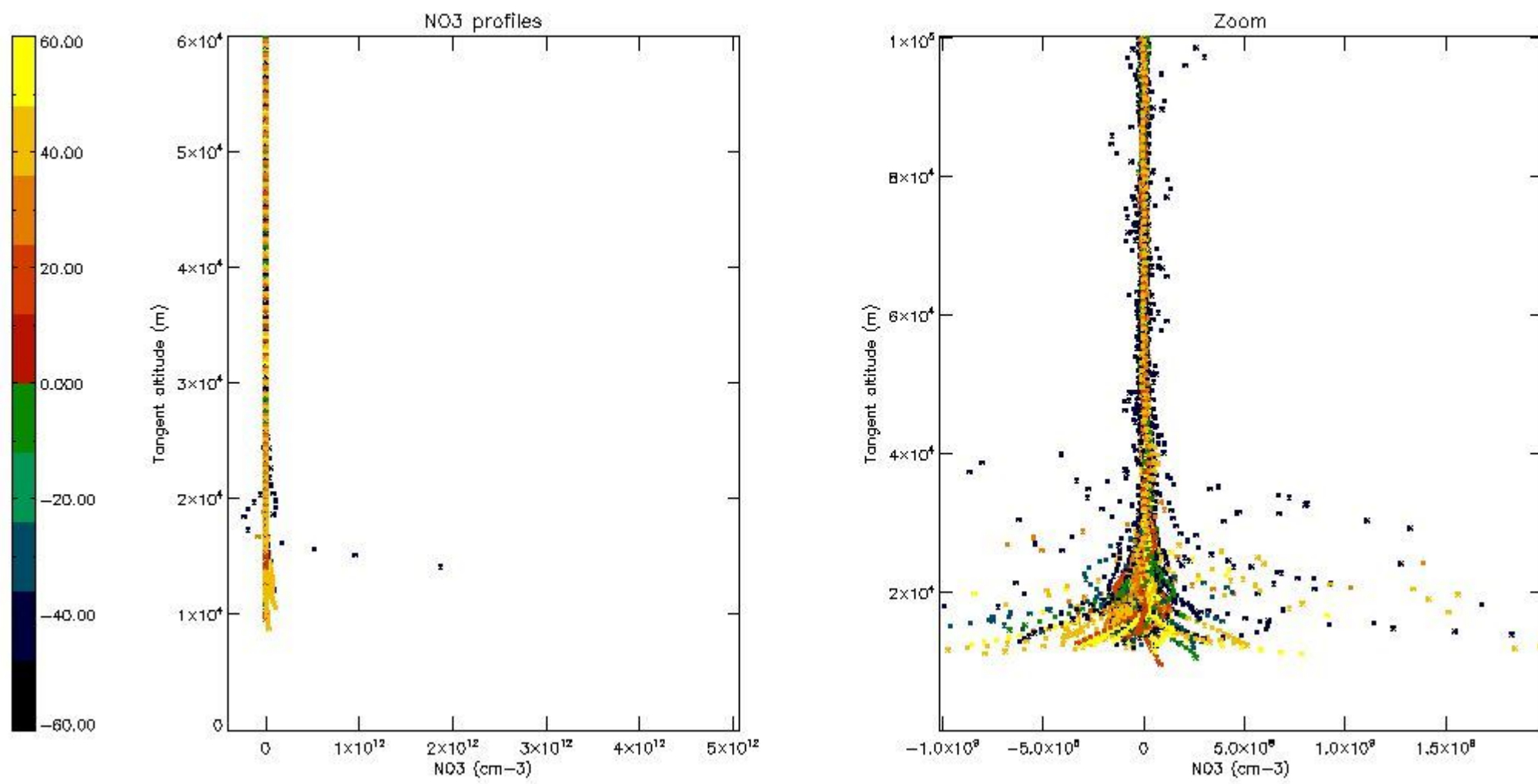
The colorbar represents the latitude.



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

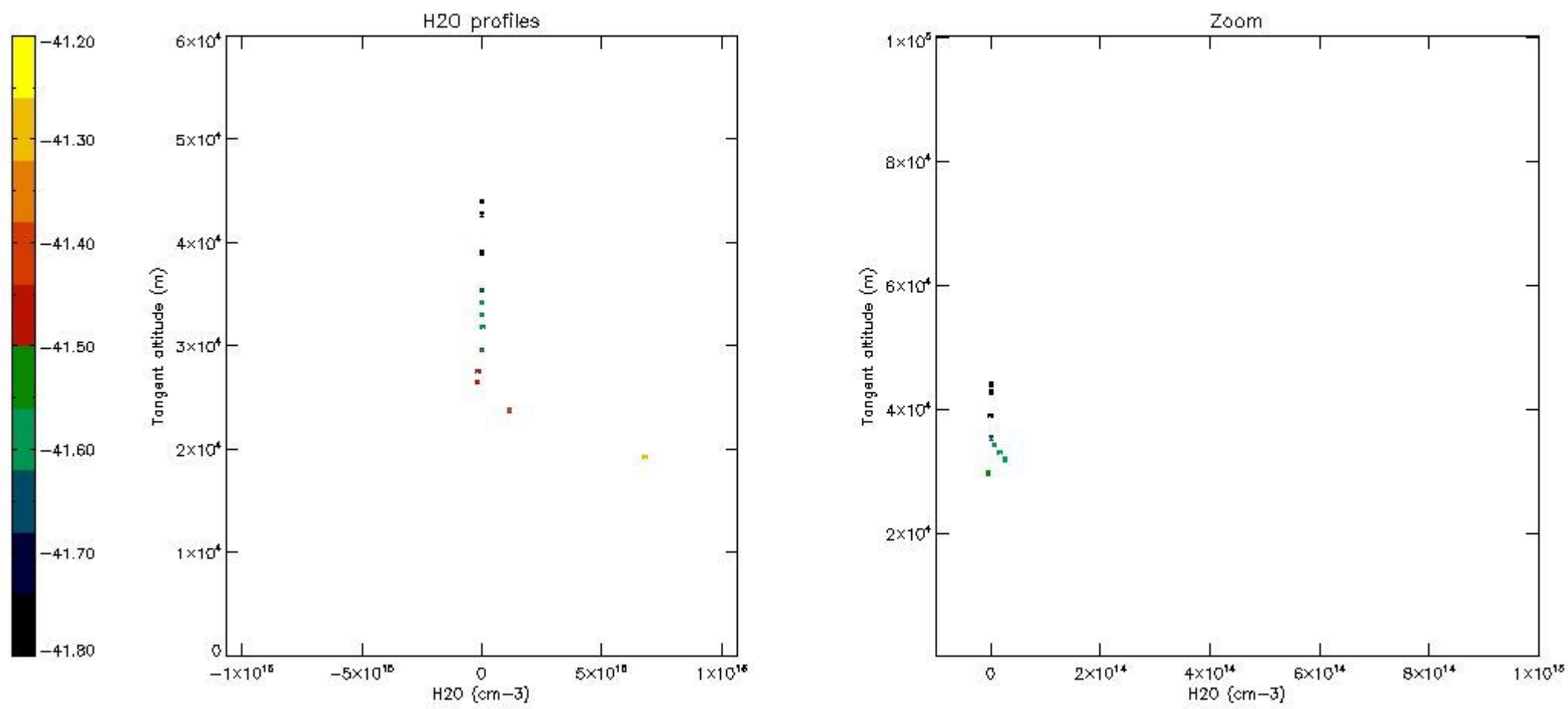
The colorbar represents the latitude.





5.8 Plot H<sub>2</sub>O profiles for all STD (only for occultations of stars 1,2,3,4,13,14,16,26,63 dark without errors)

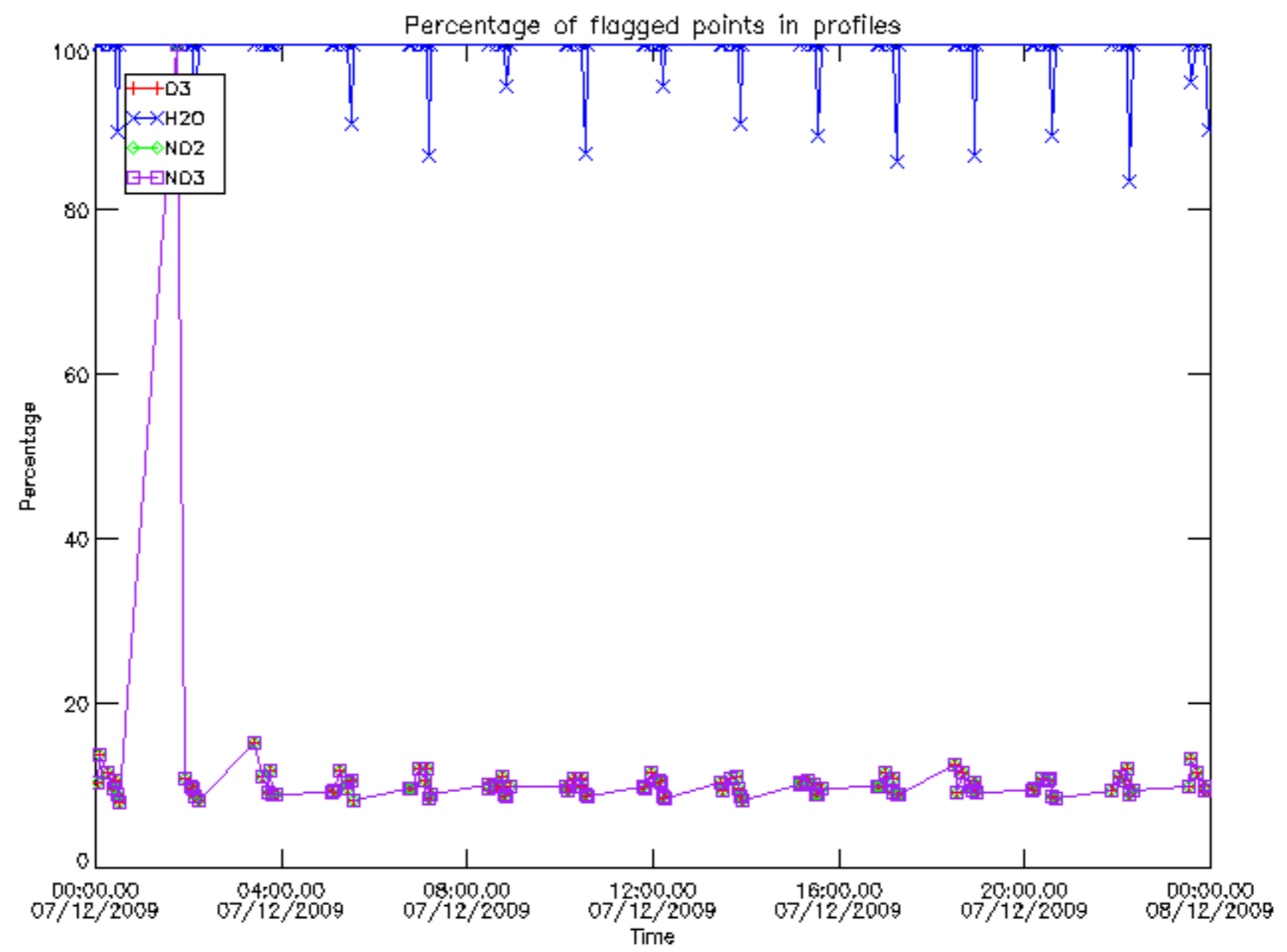
The colorbar represents the latitude.



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

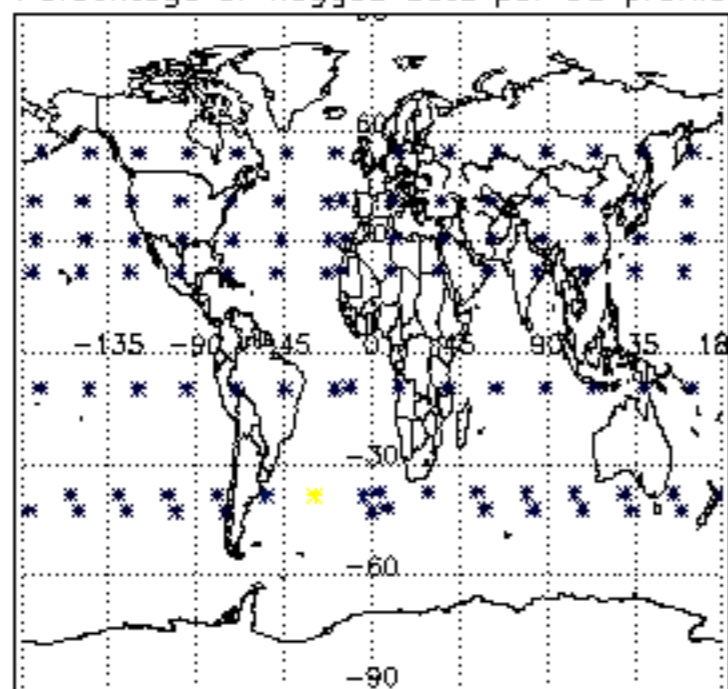
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	07-DEC-2009 00:03:15
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	07-DEC-2009 00:03:15
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	07-DEC-2009 00:03:15

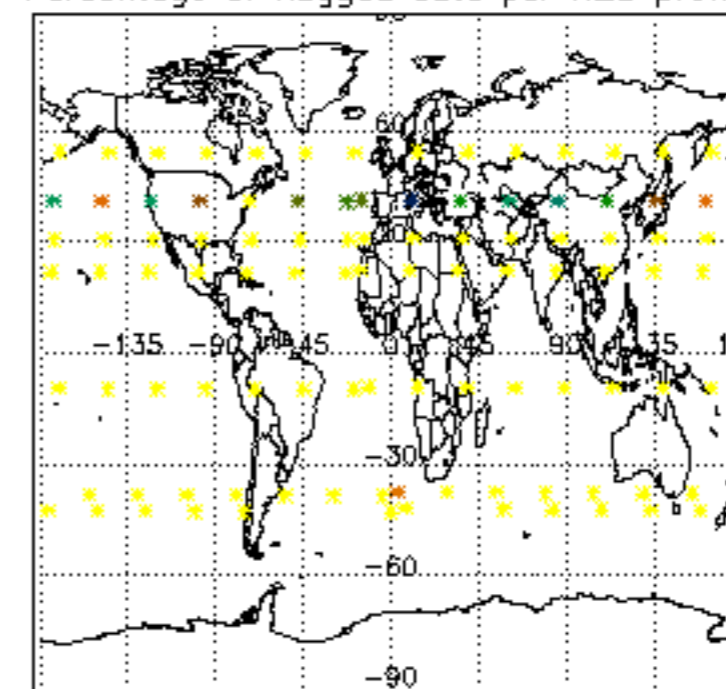




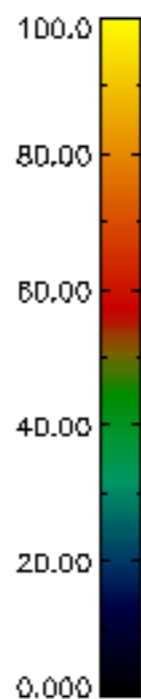
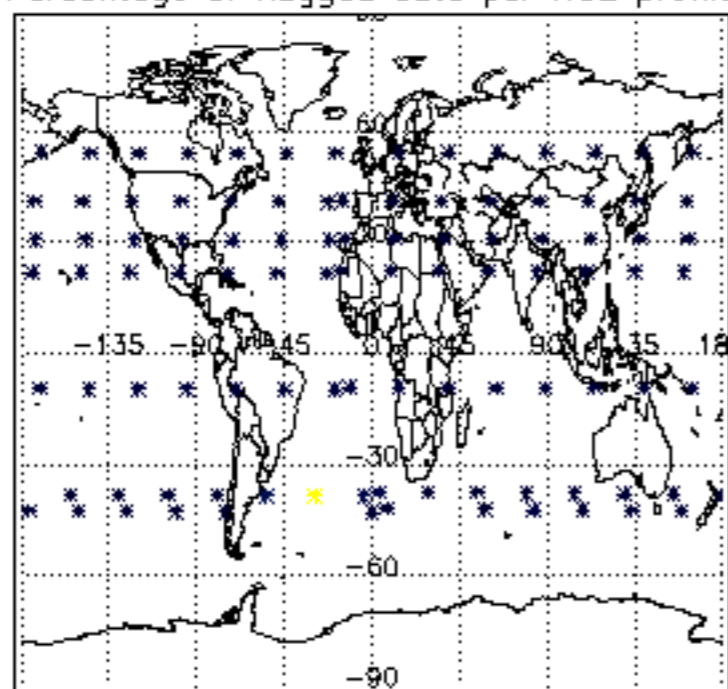
Percentage of flagged data per D3 profile



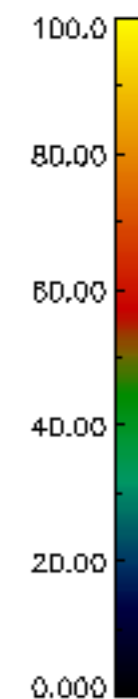
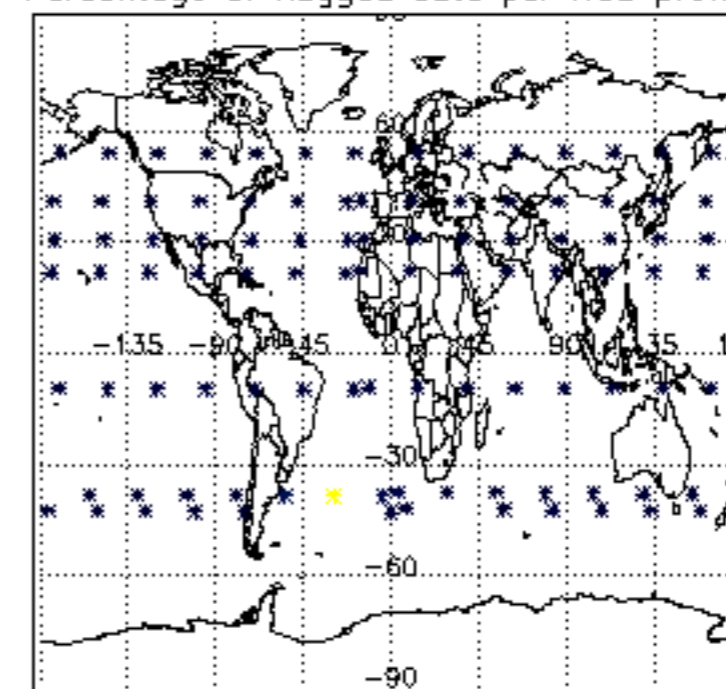
Percentage of flagged data per H2O profile

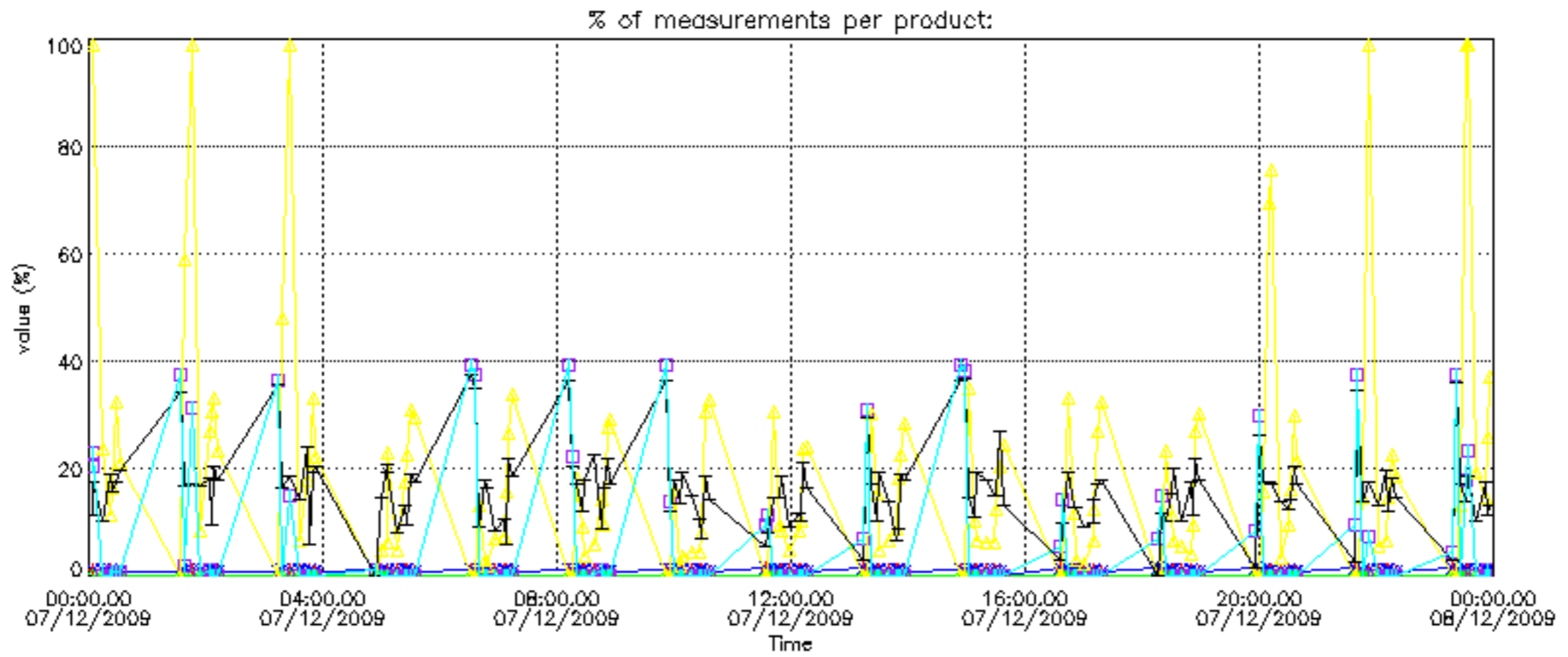


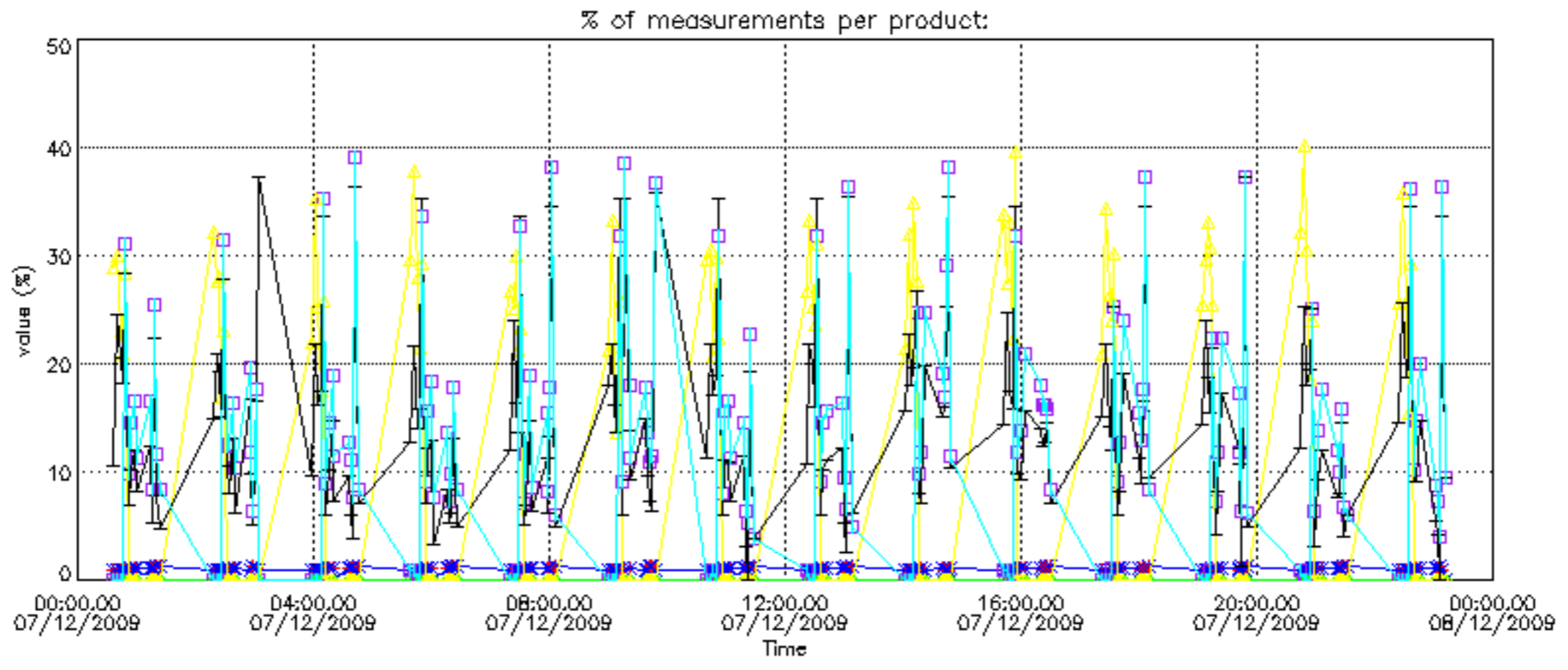
Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

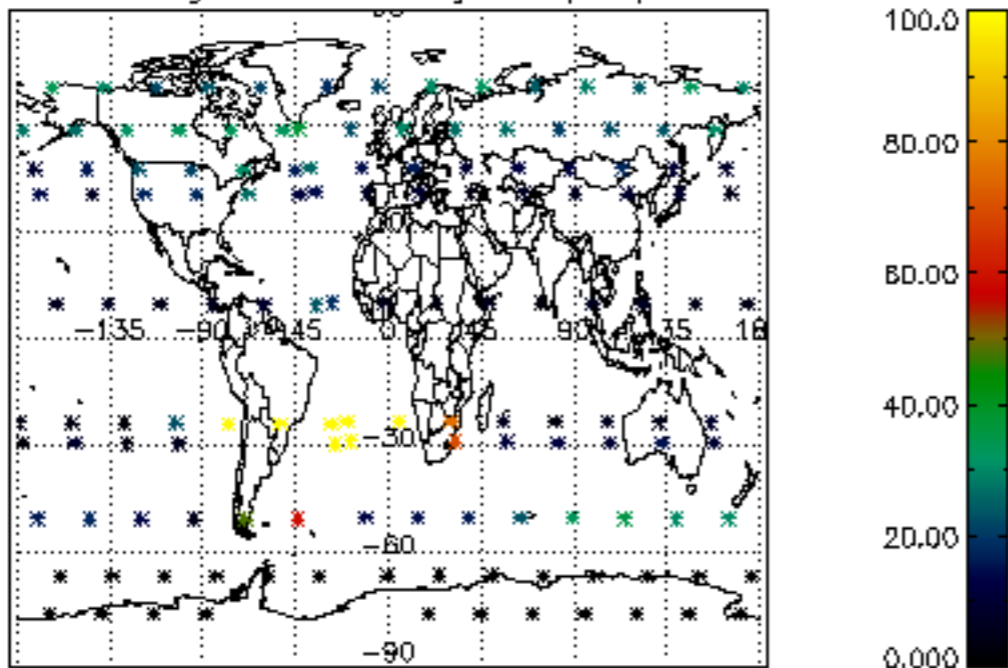




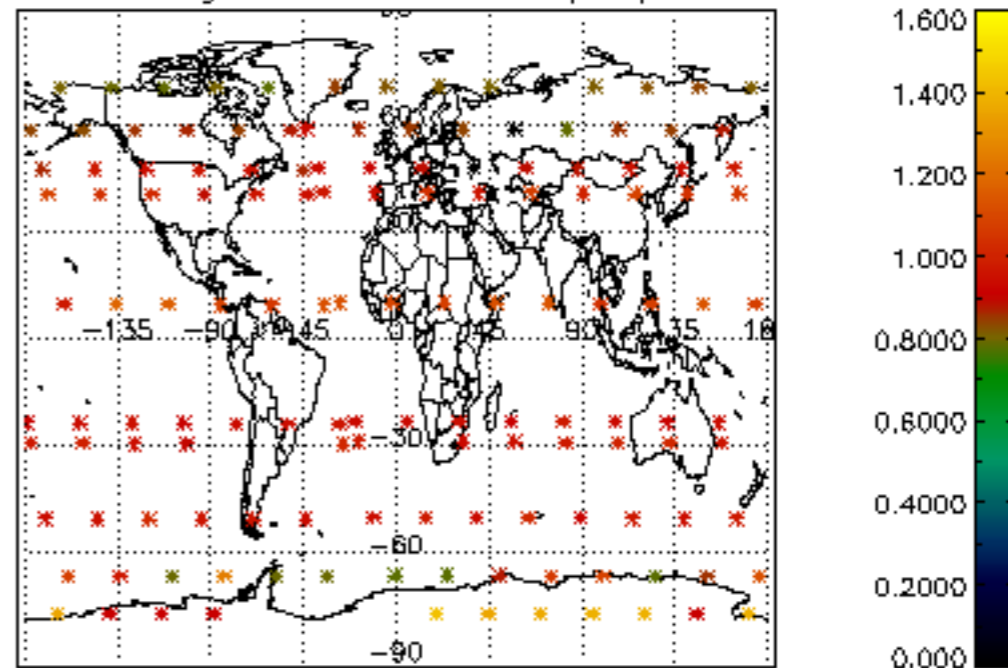




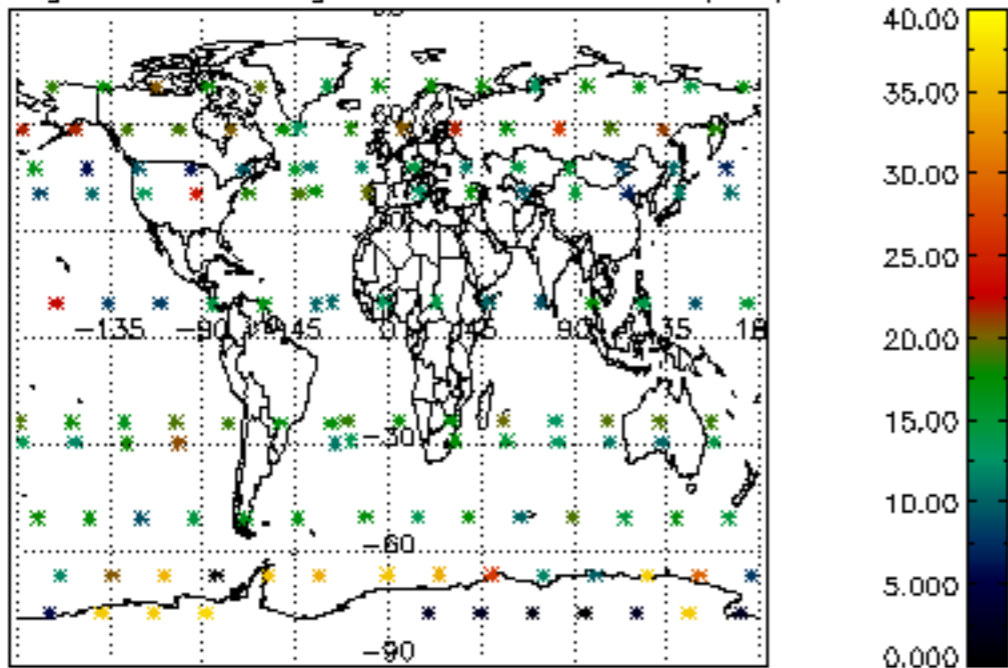
Percentage of cosmic ray hits per profile



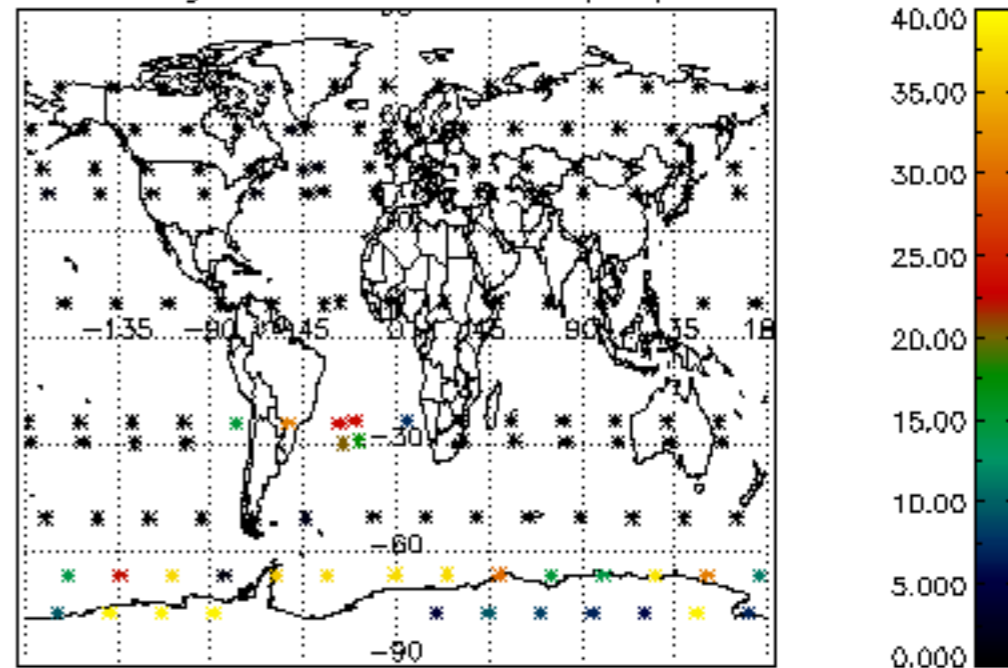
Percentage of datation errors per profile



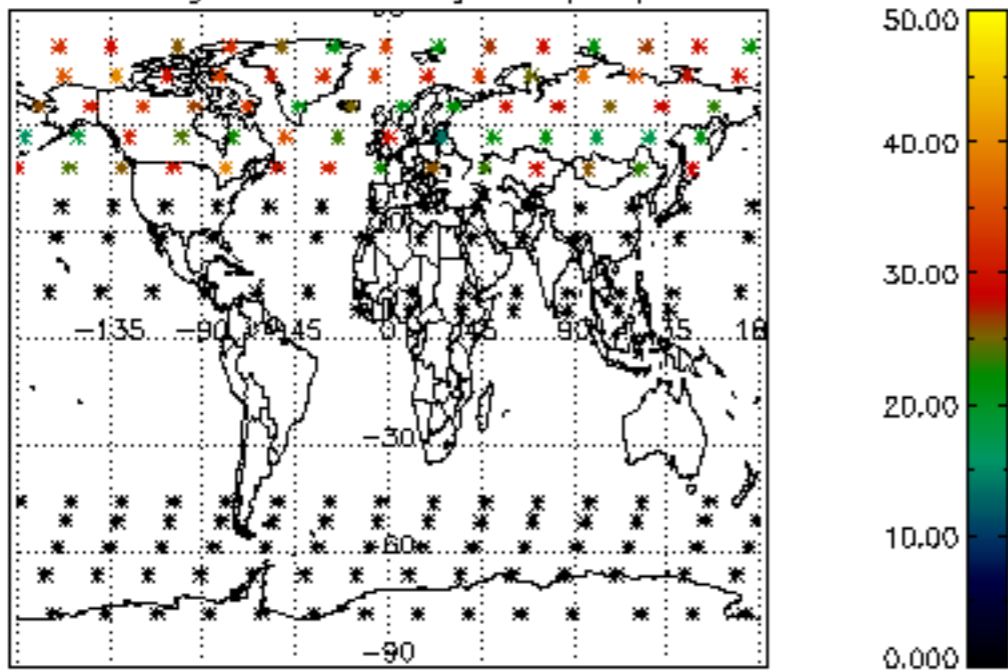
Percentage of star falling outside central band per profile



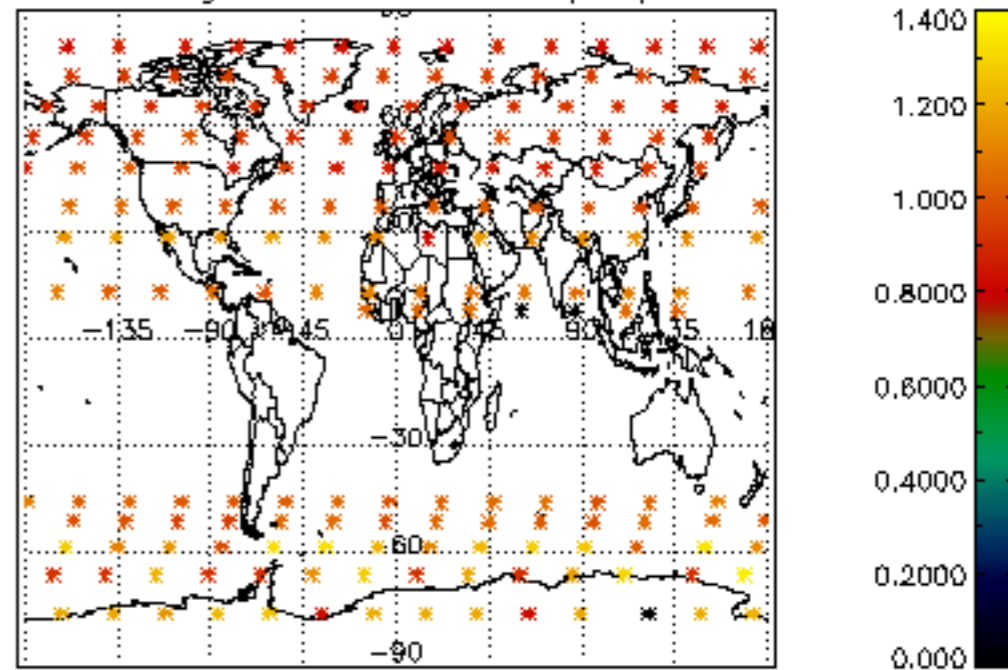
Percentage of saturation errors per profile



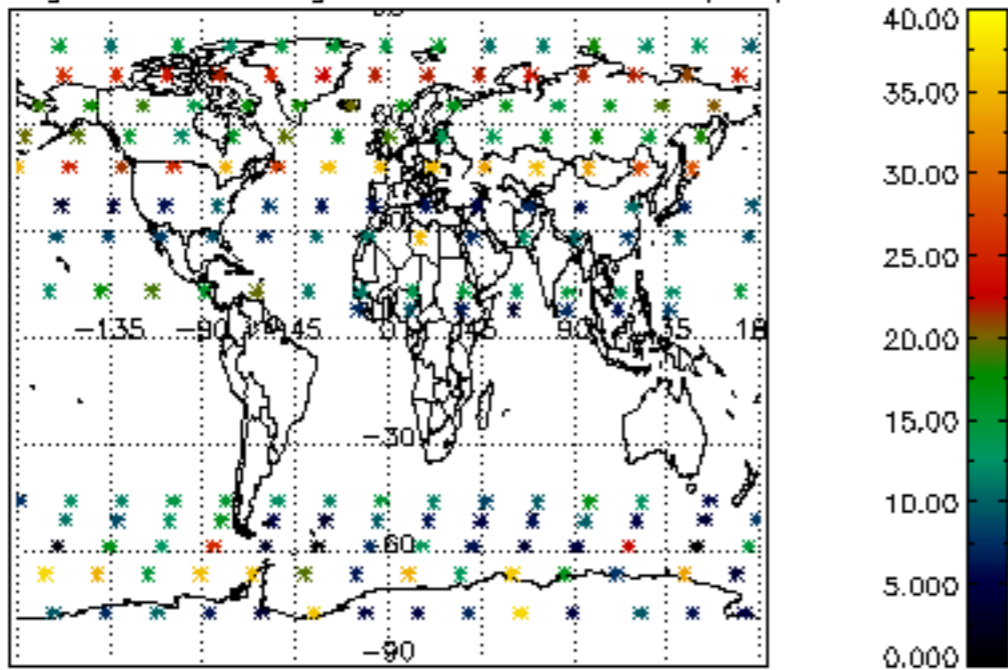
Percentage of cosmic ray hits per profile



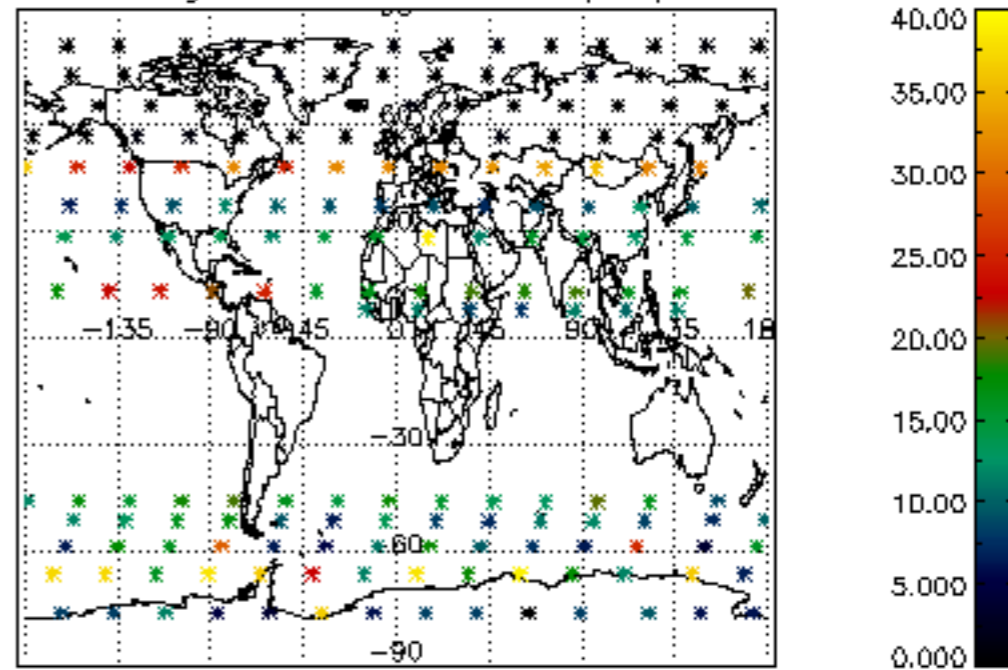
Percentage of datation errors per profile

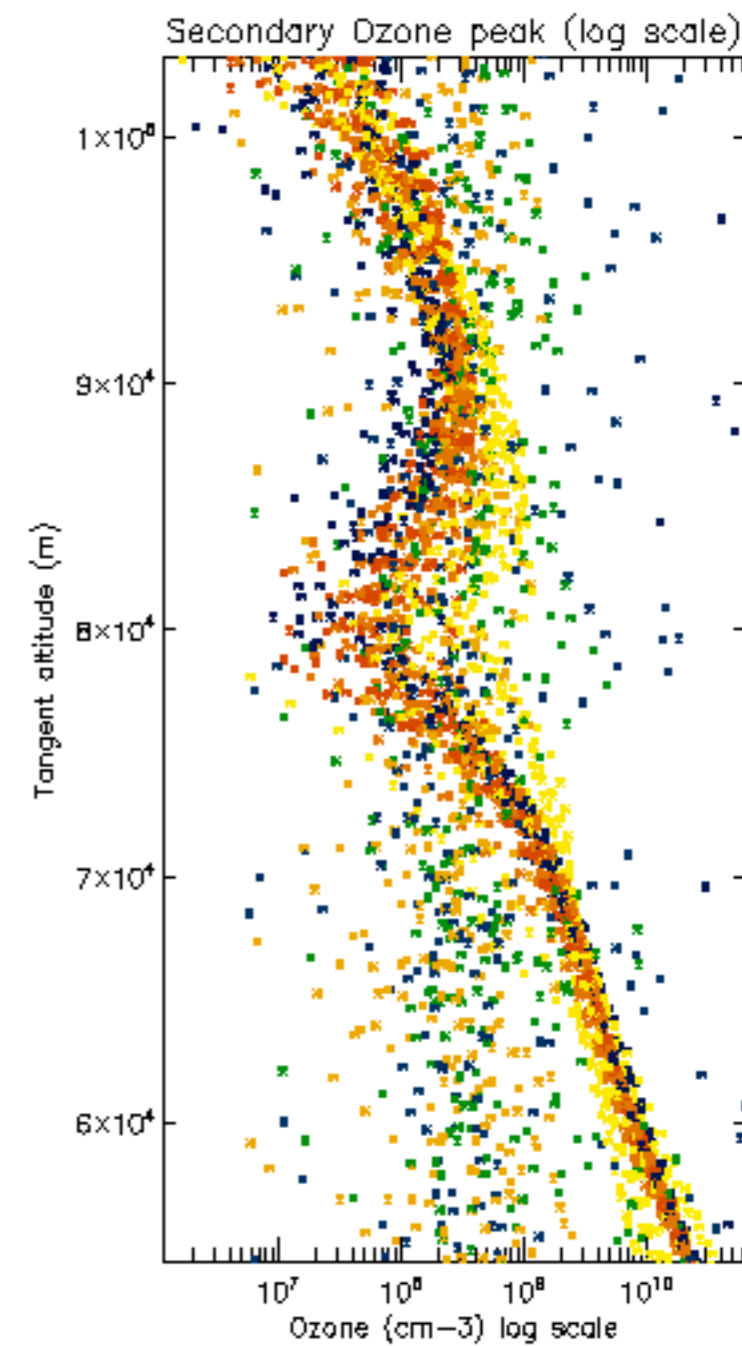
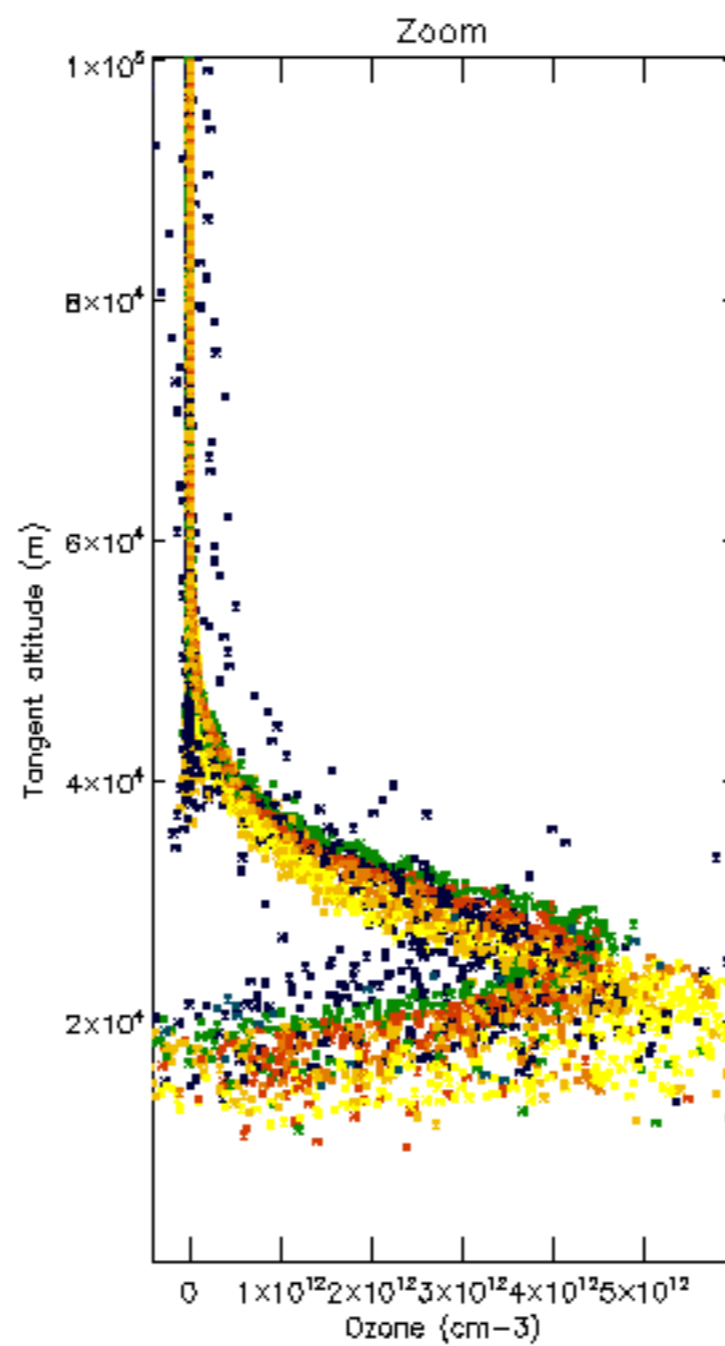
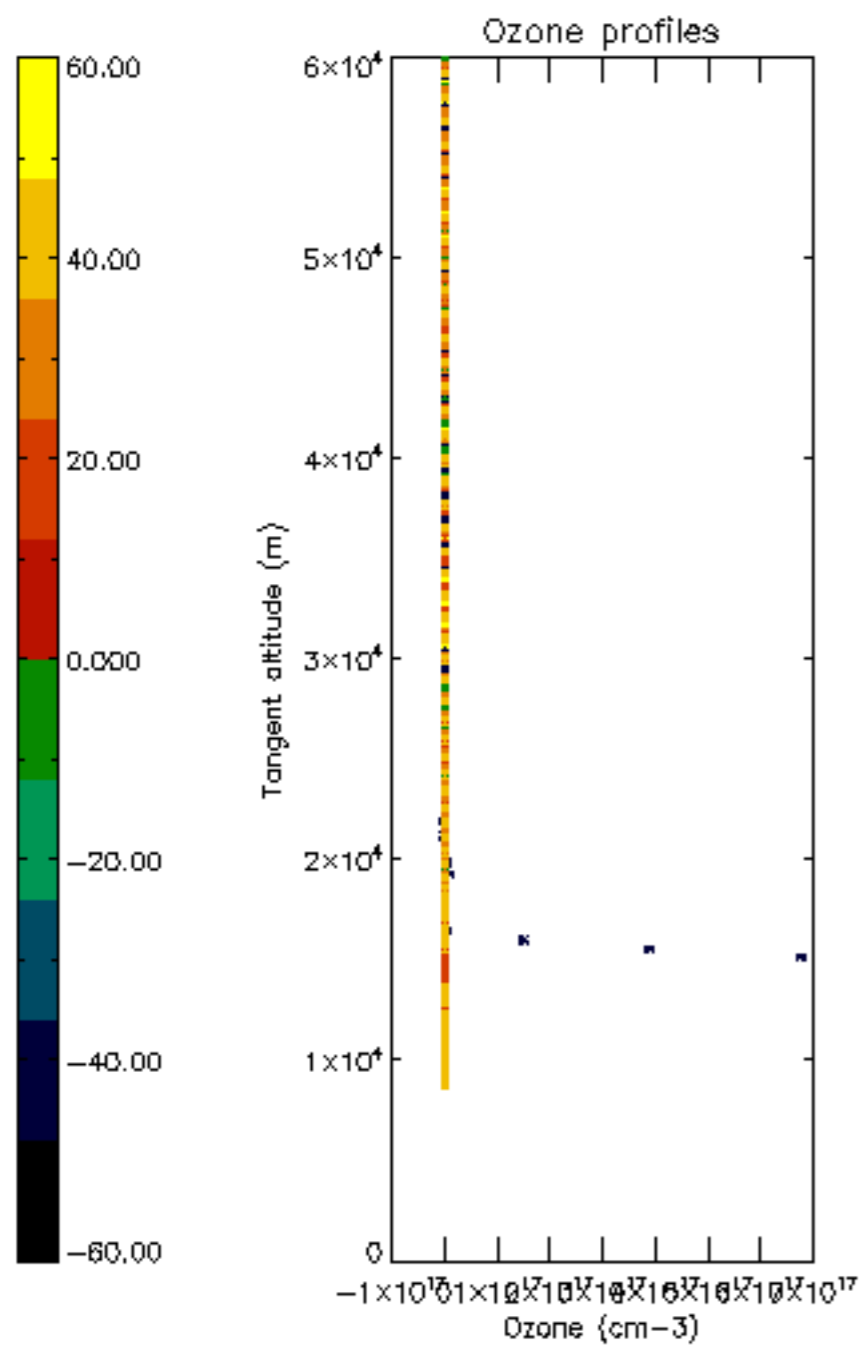


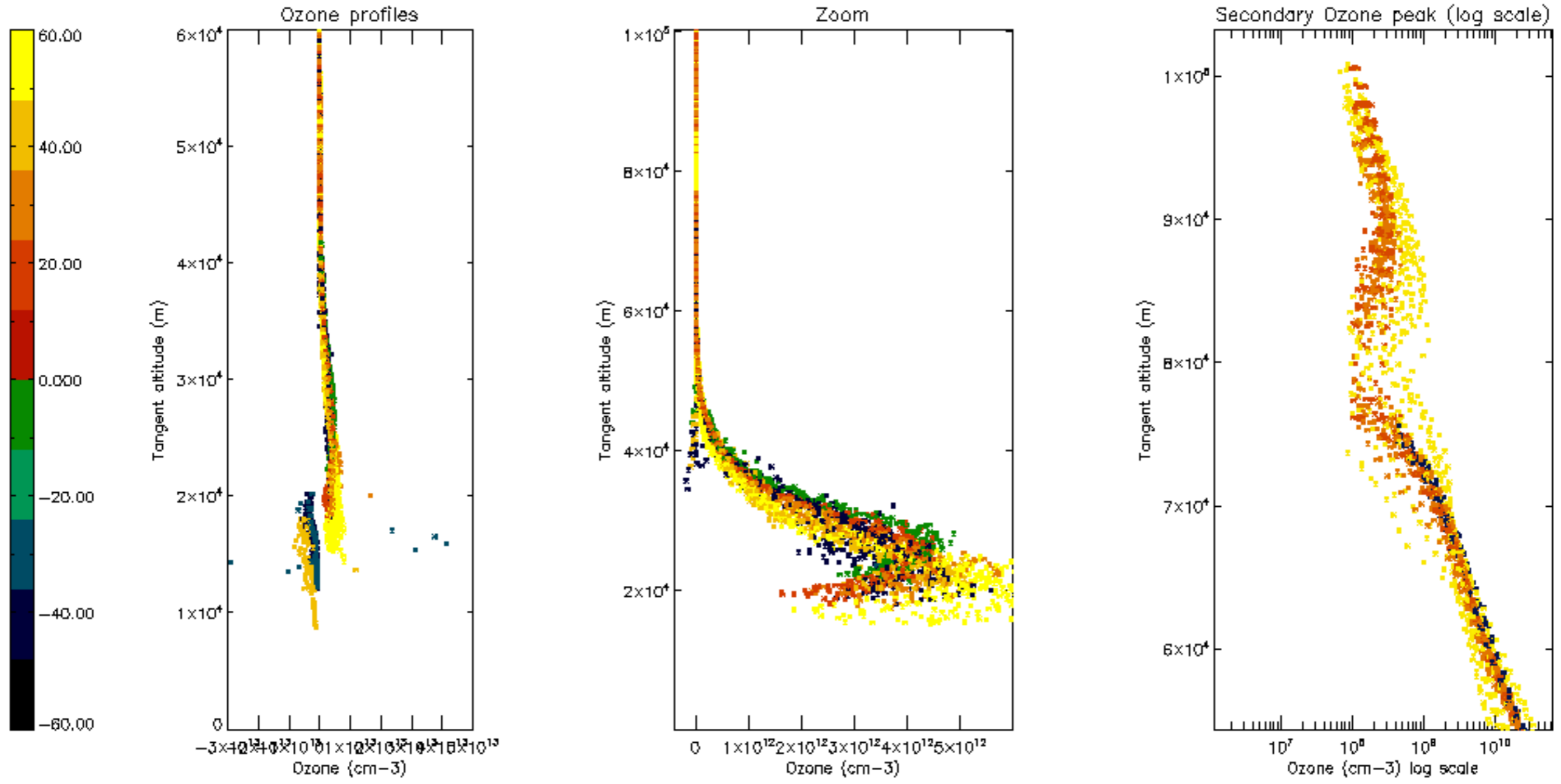
Percentage of star falling outside central band per profile



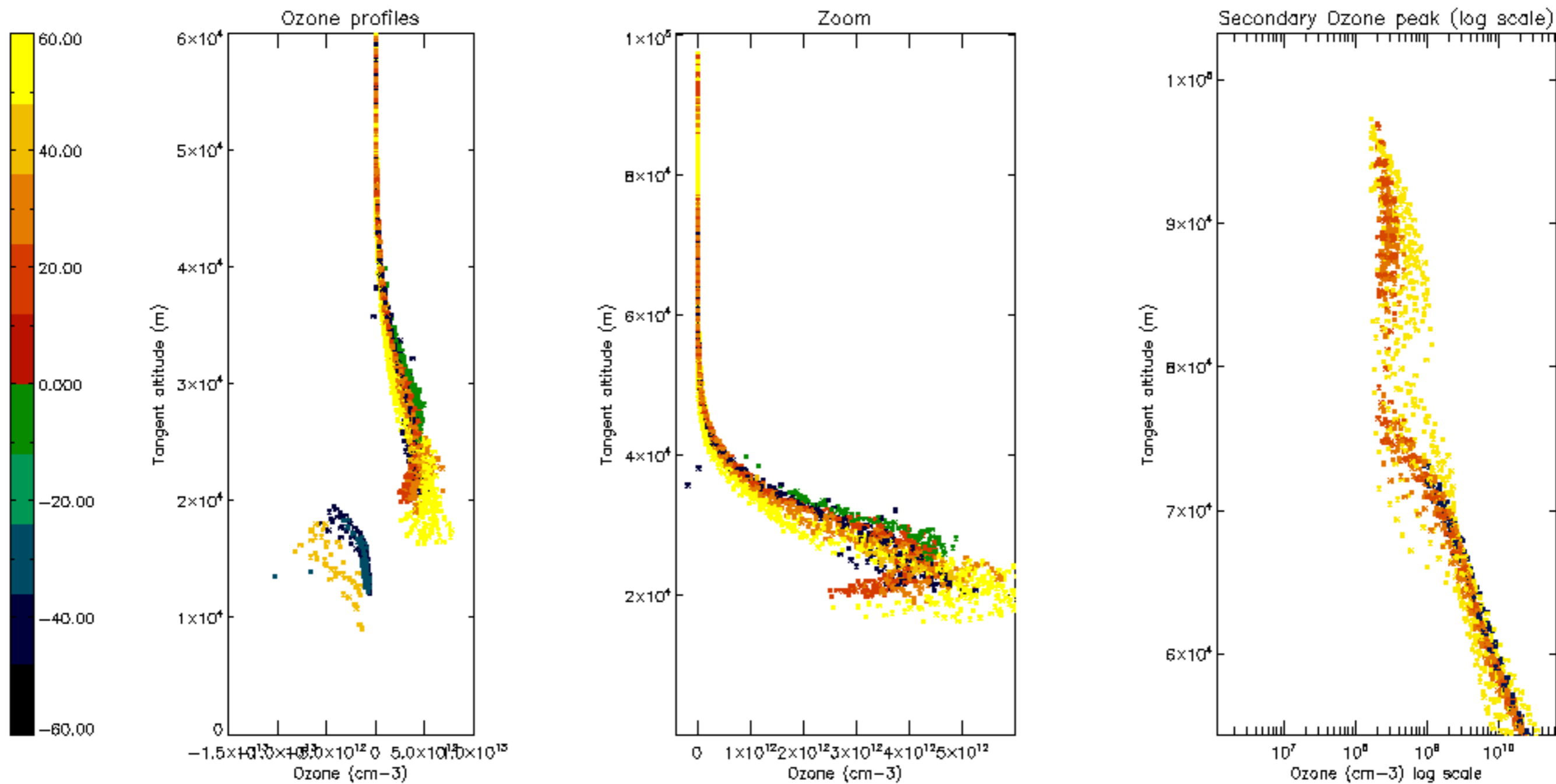
Percentage of saturation errors per profile

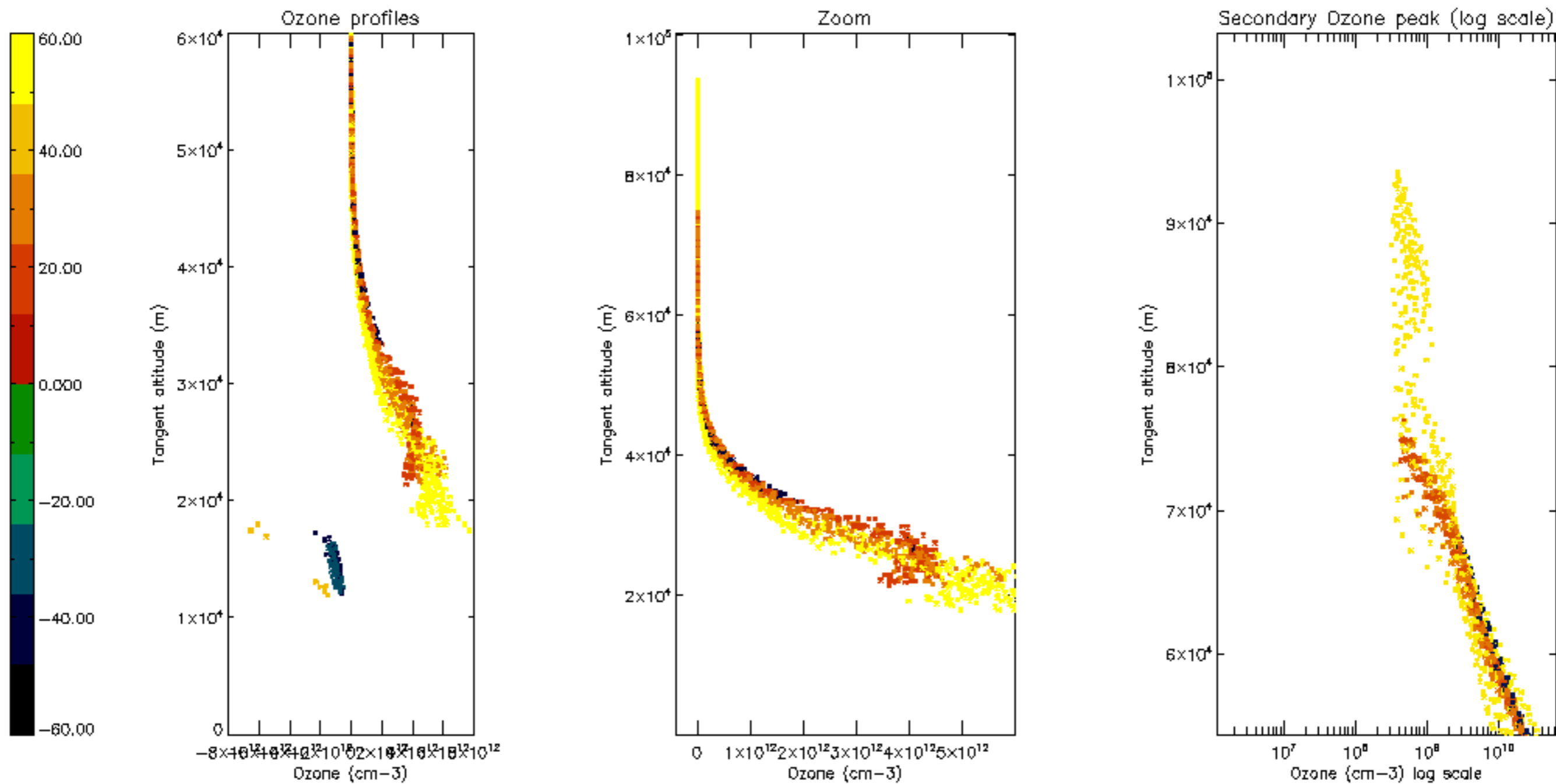


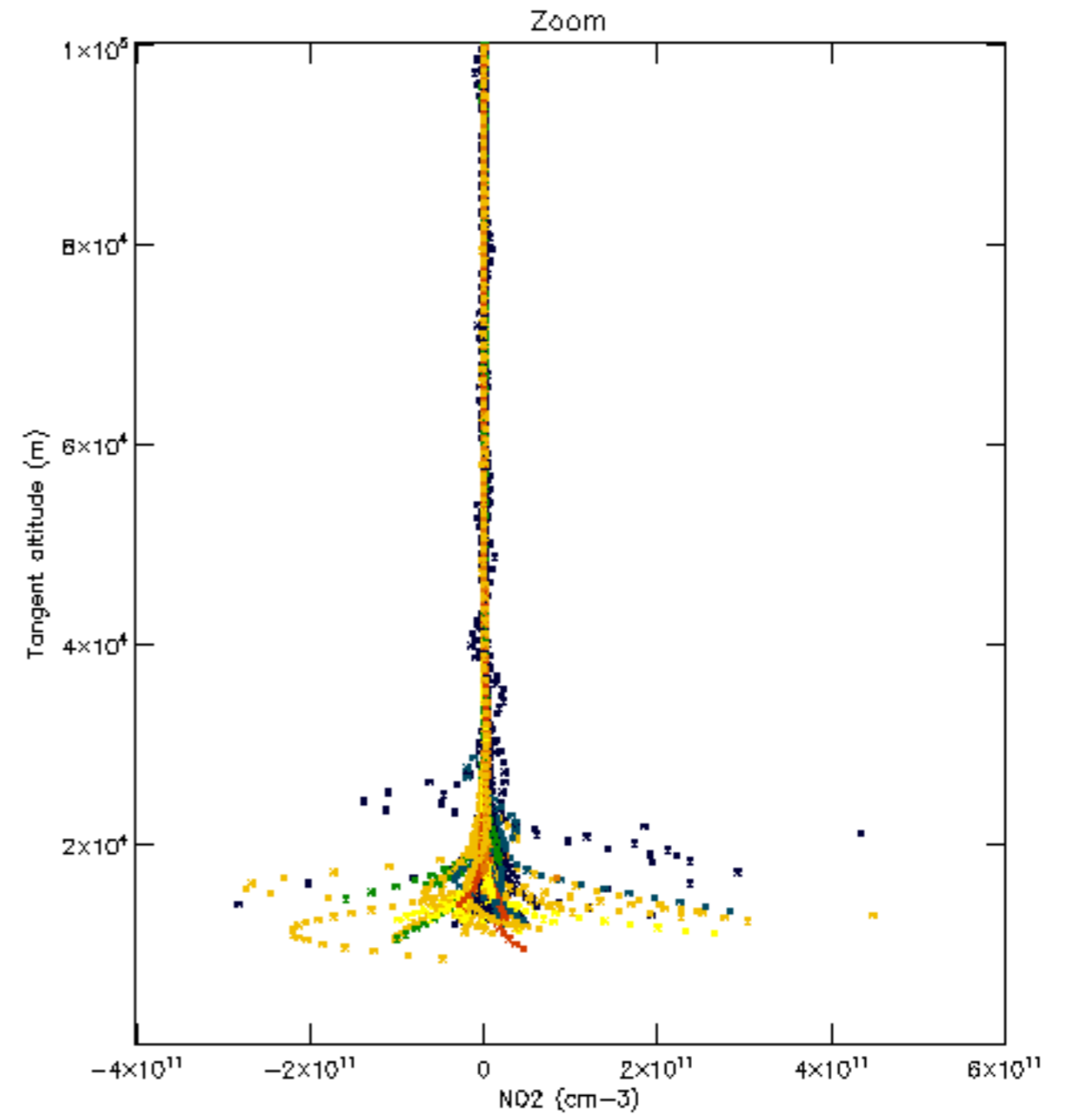
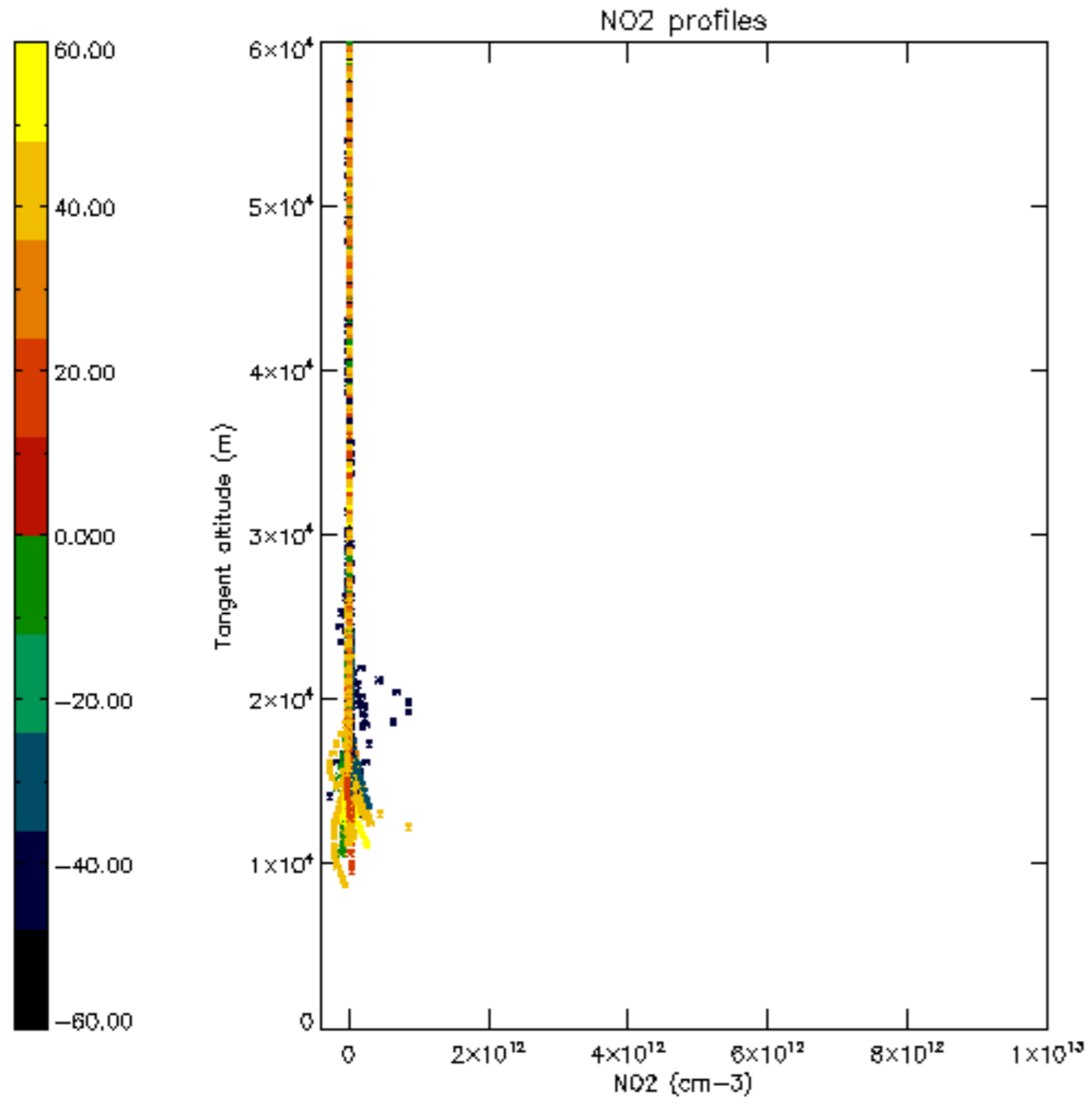


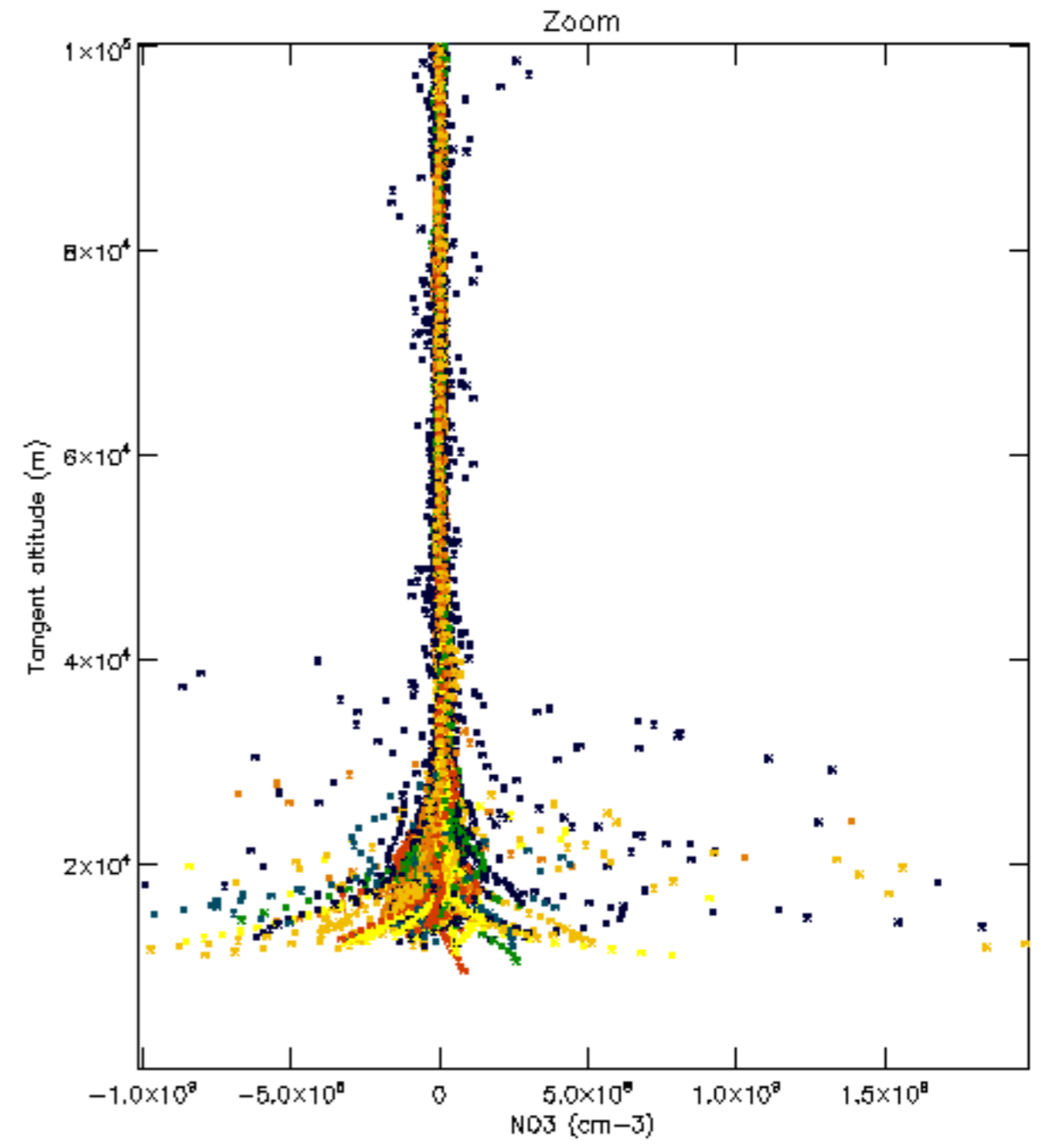
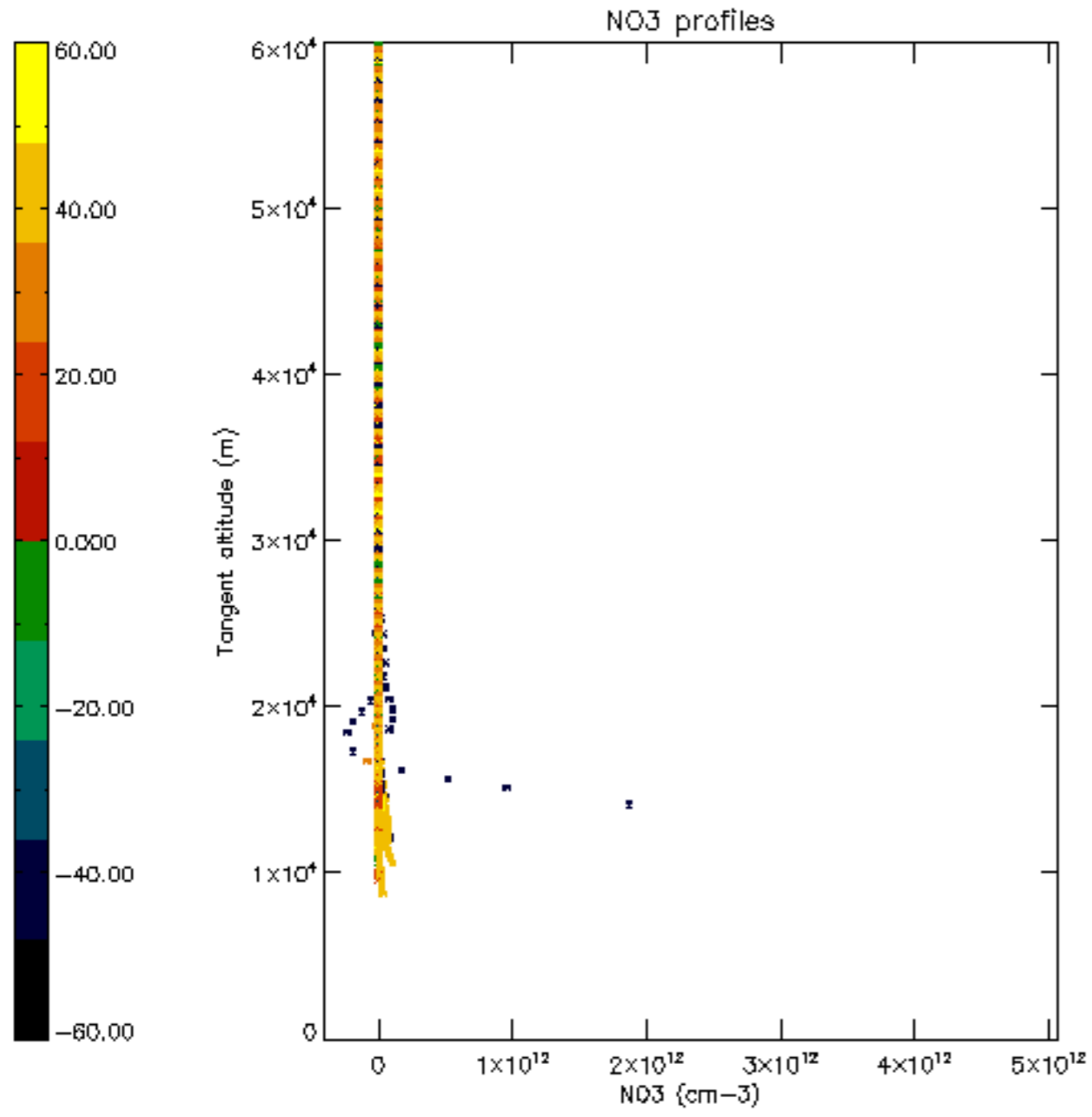






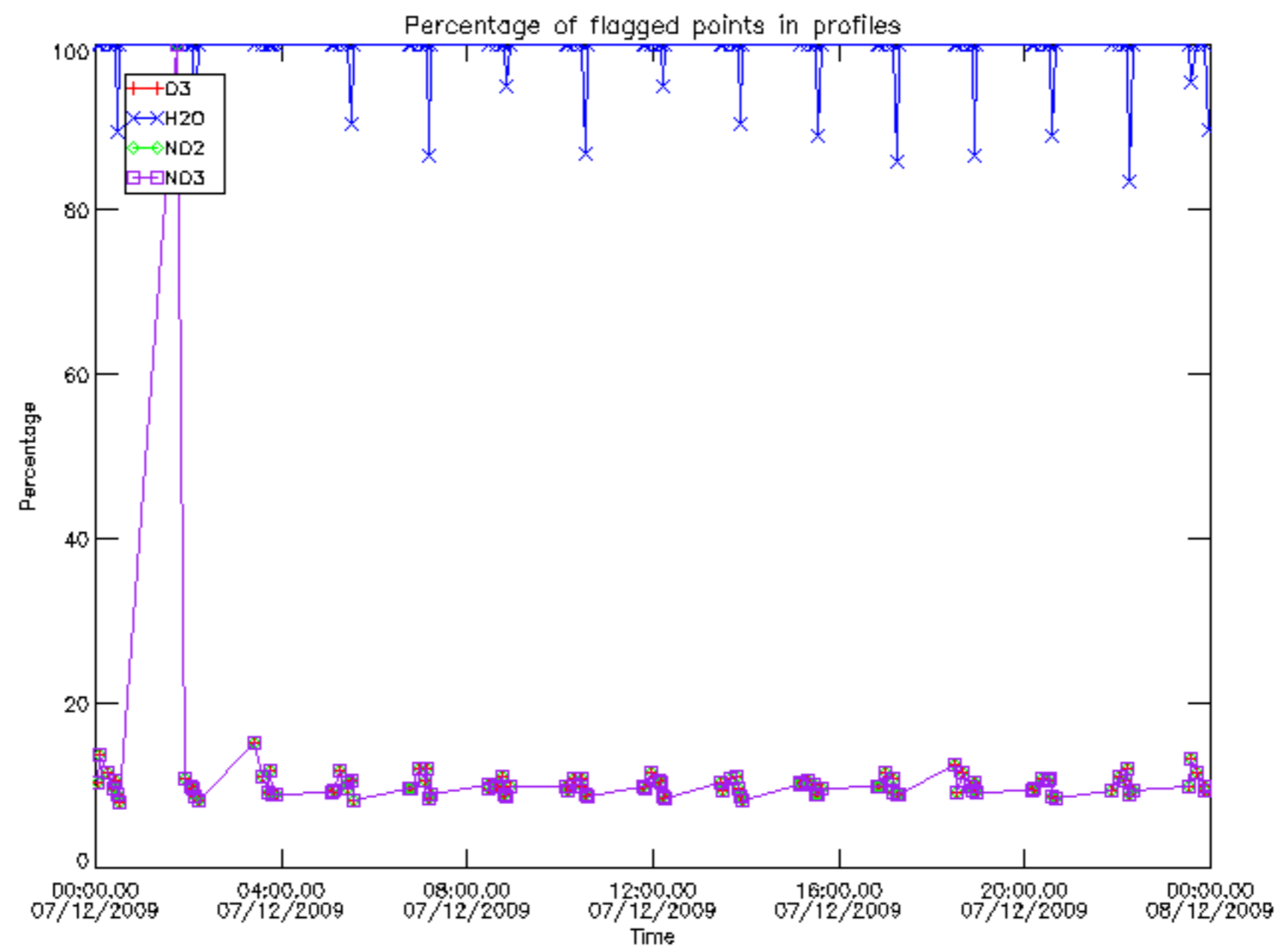




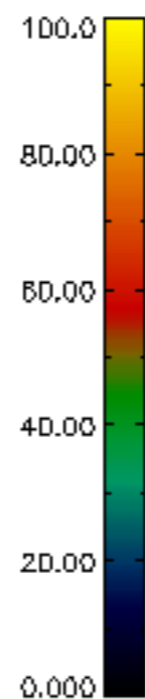
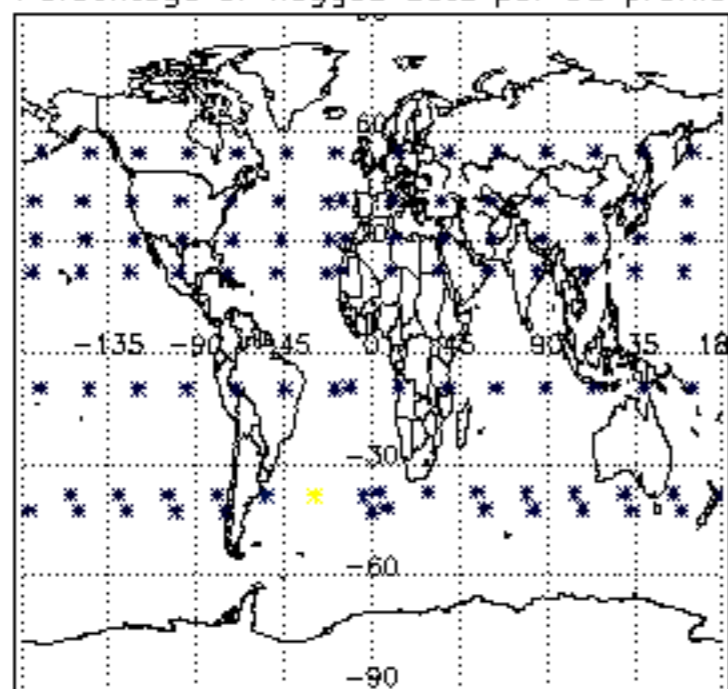




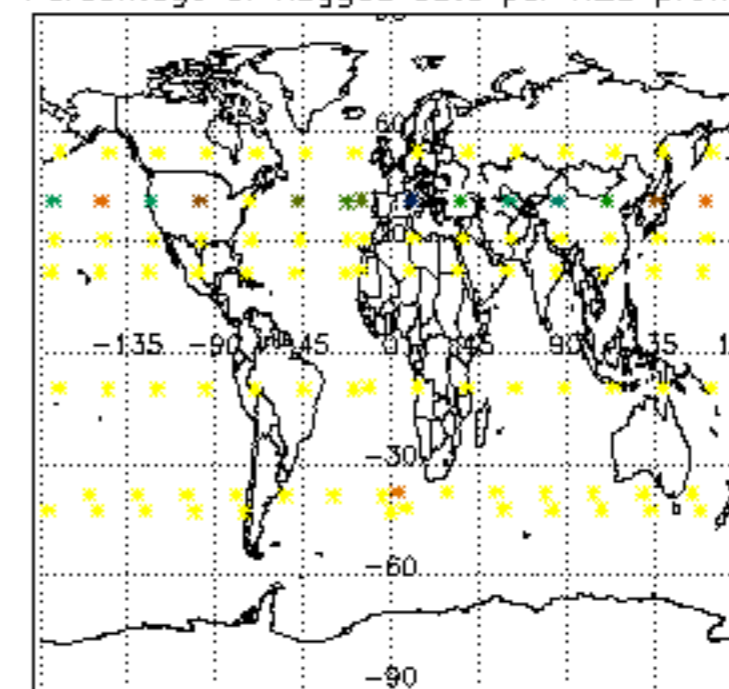




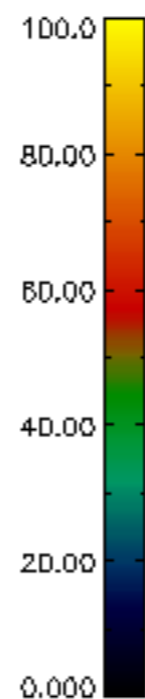
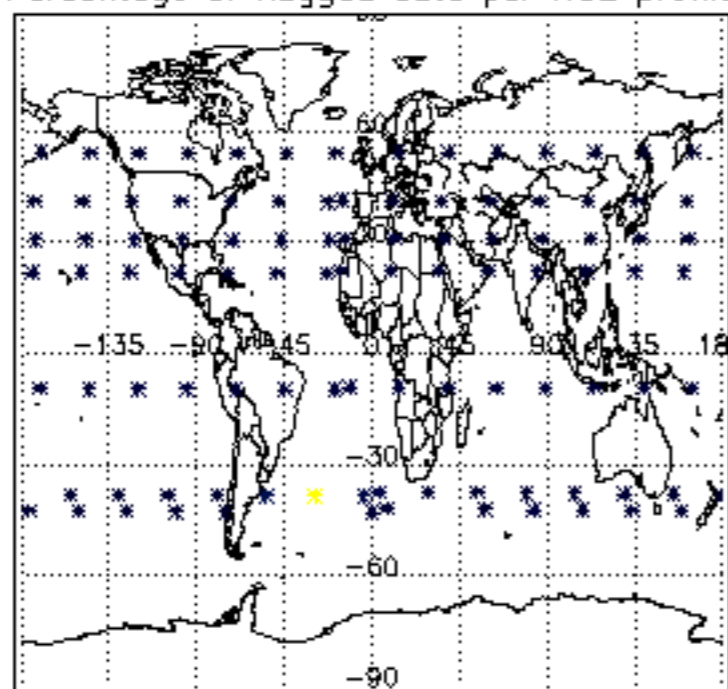
Percentage of flagged data per D3 profile



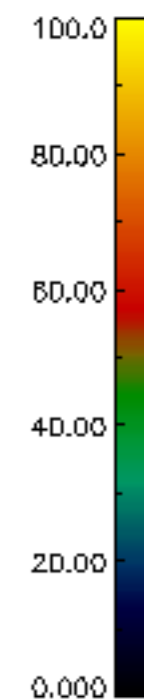
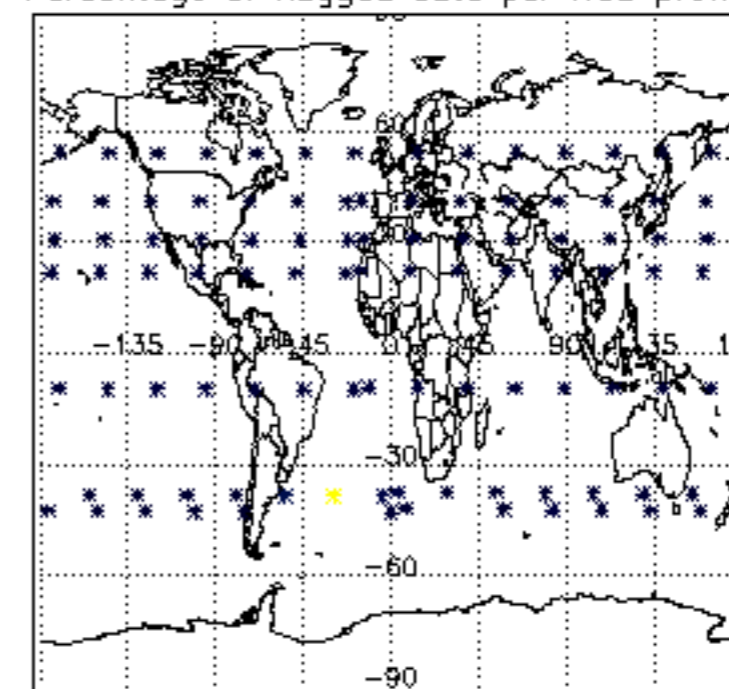
Percentage of flagged data per H2O profile

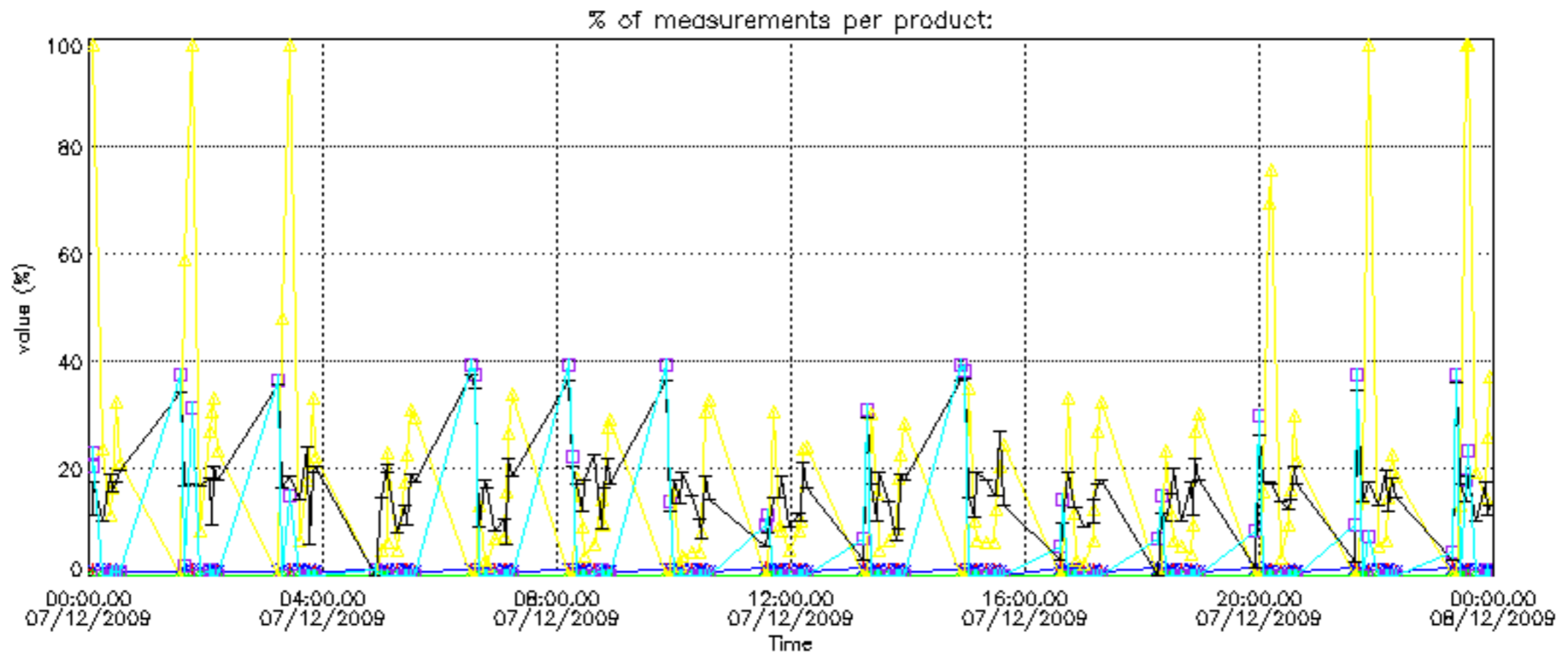


Percentage of flagged data per NO2 profile

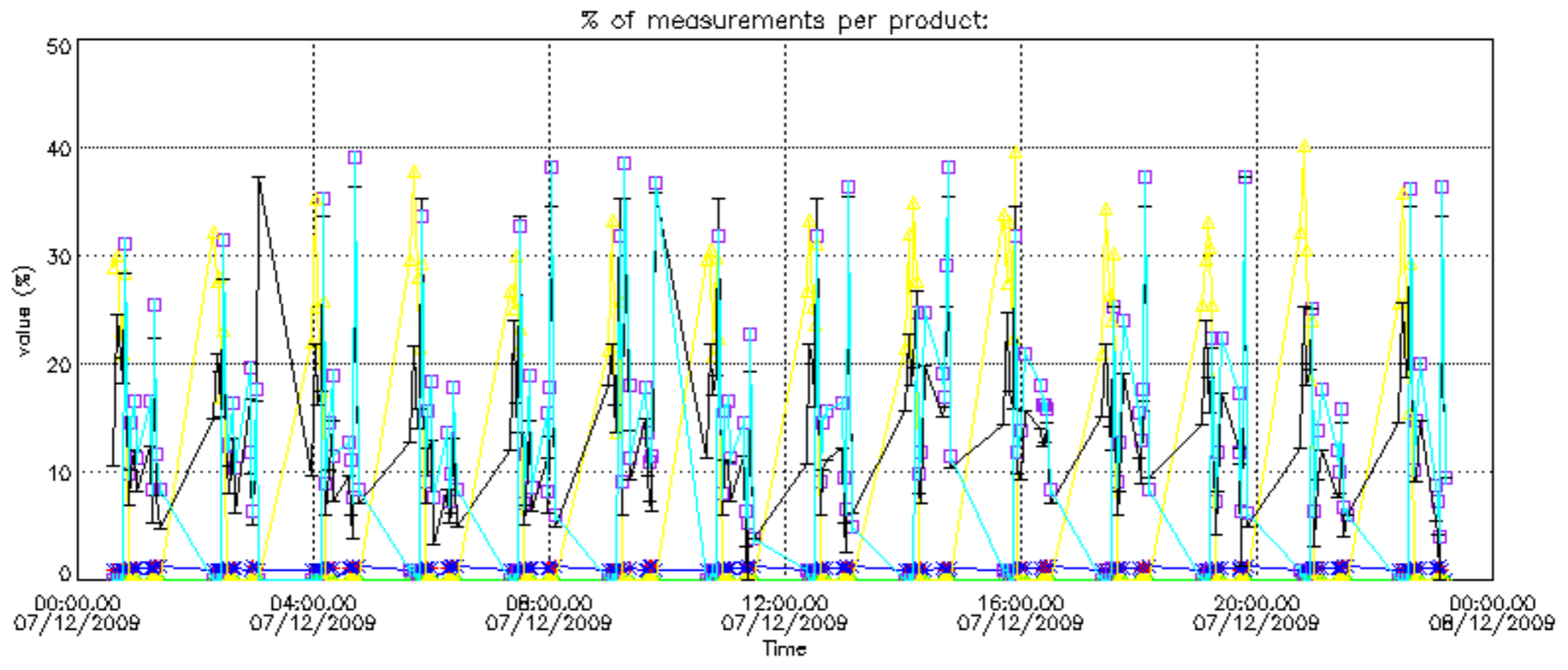


Percentage of flagged data per NO3 profile

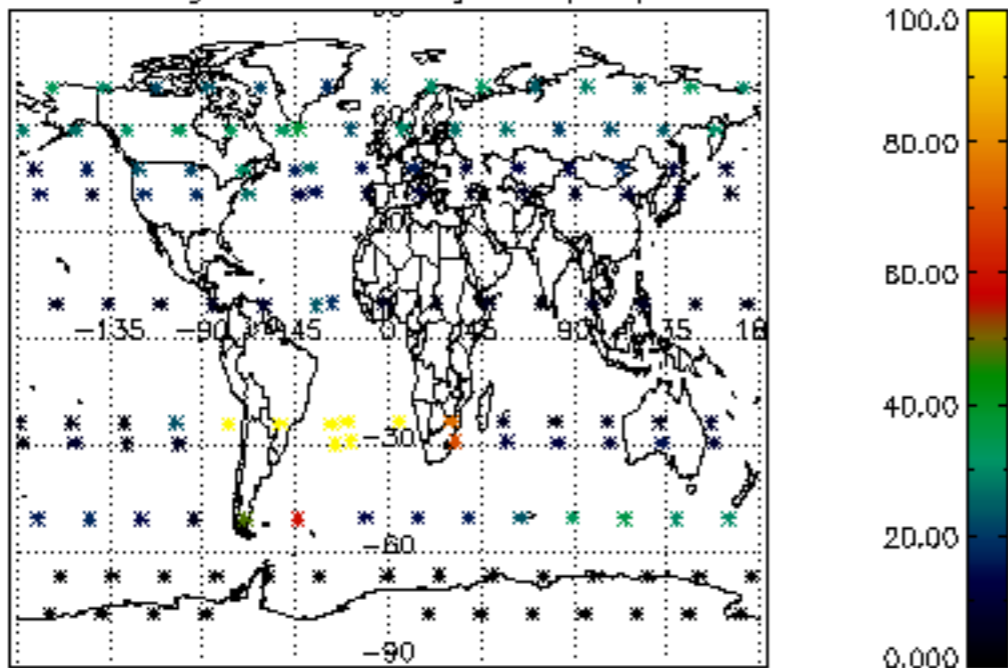




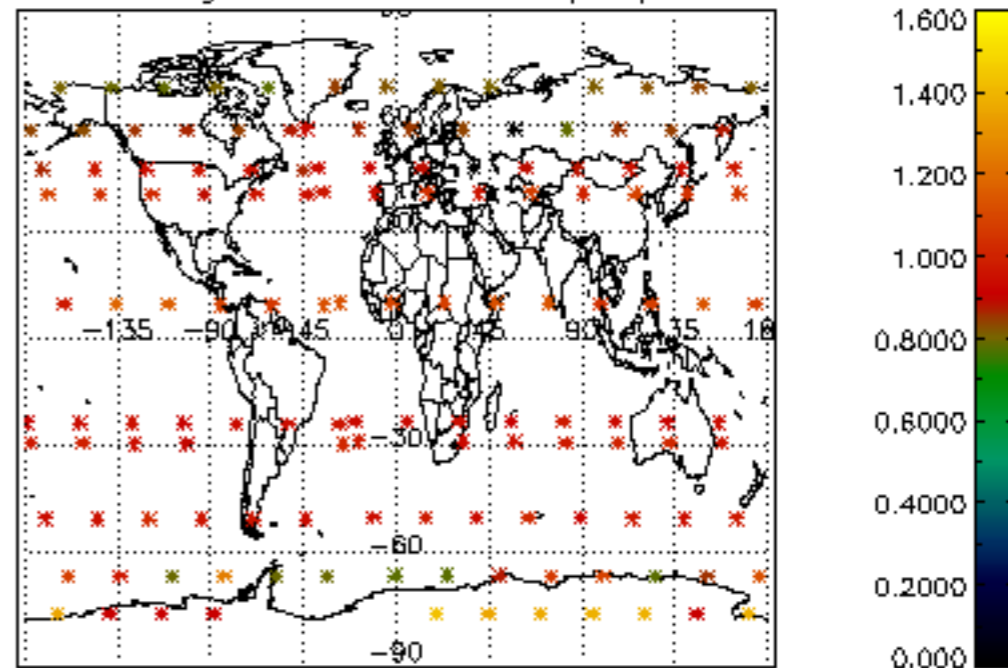




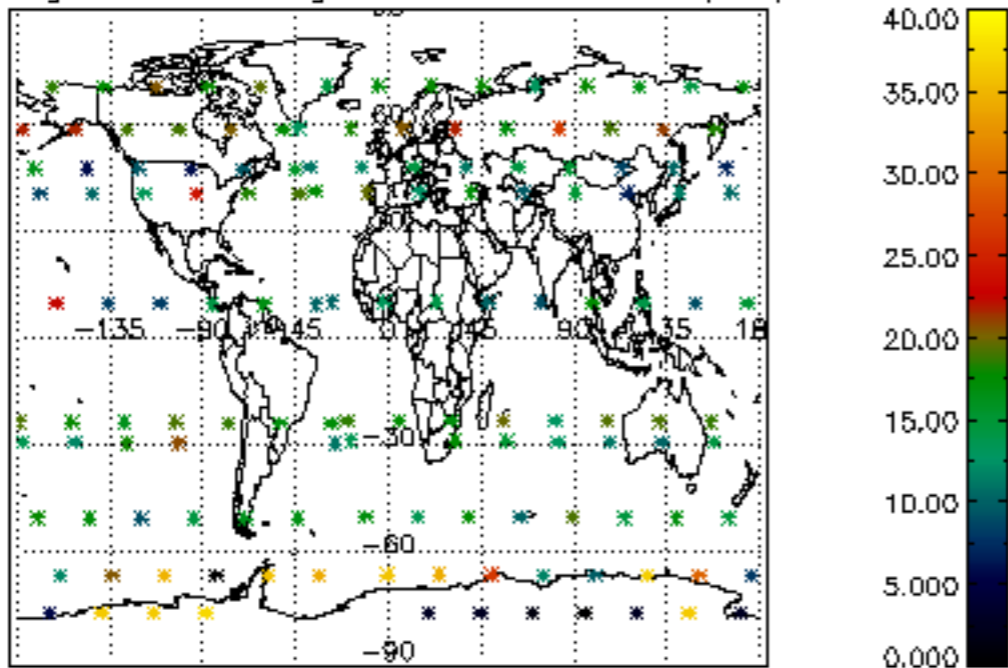
Percentage of cosmic ray hits per profile



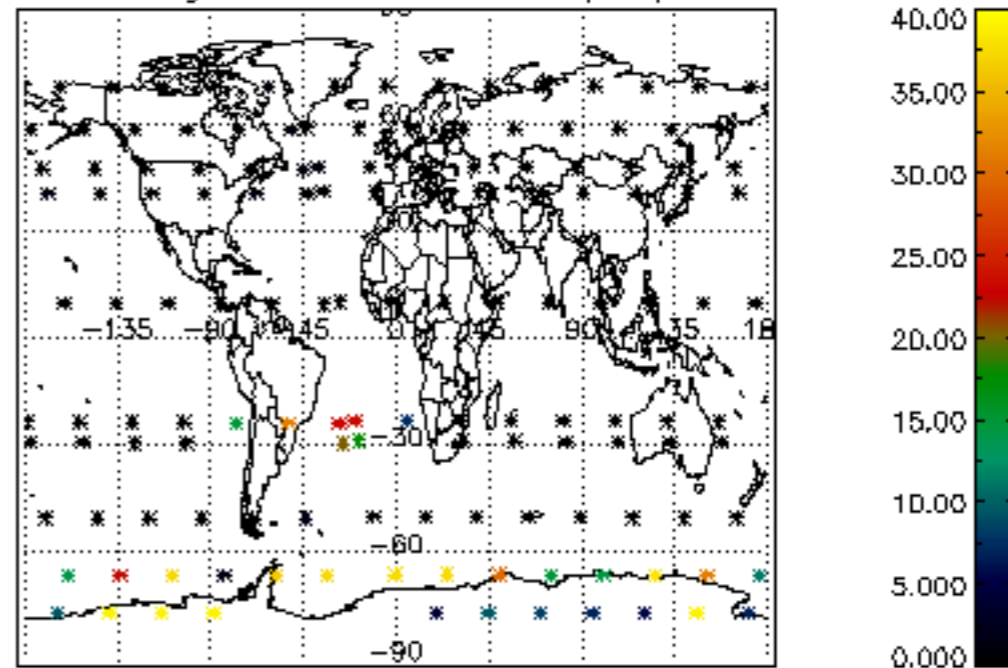
Percentage of datation errors per profile



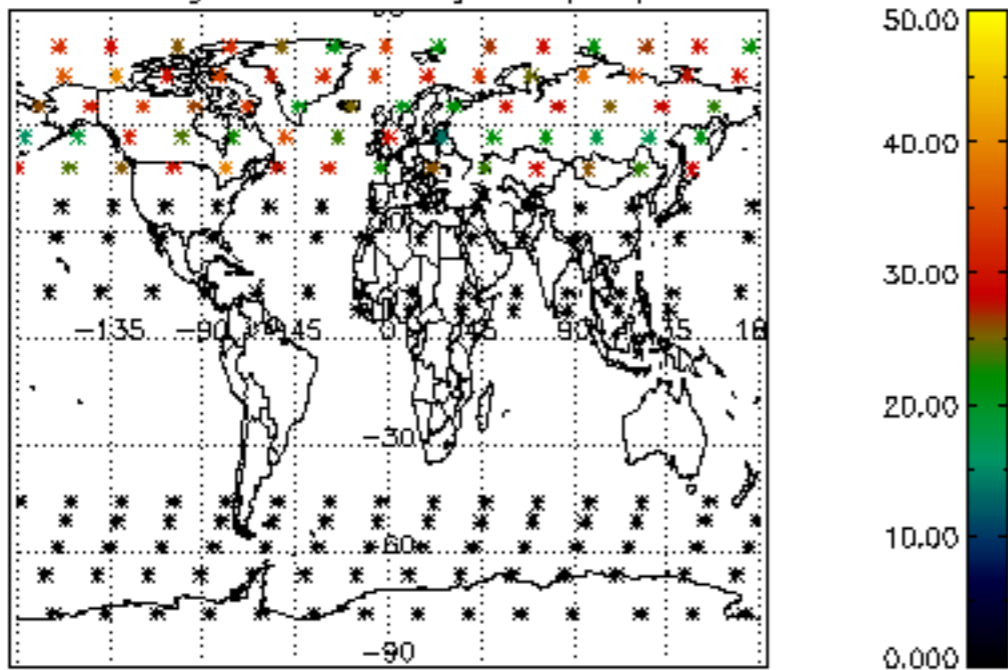
Percentage of star falling outside central band per profile



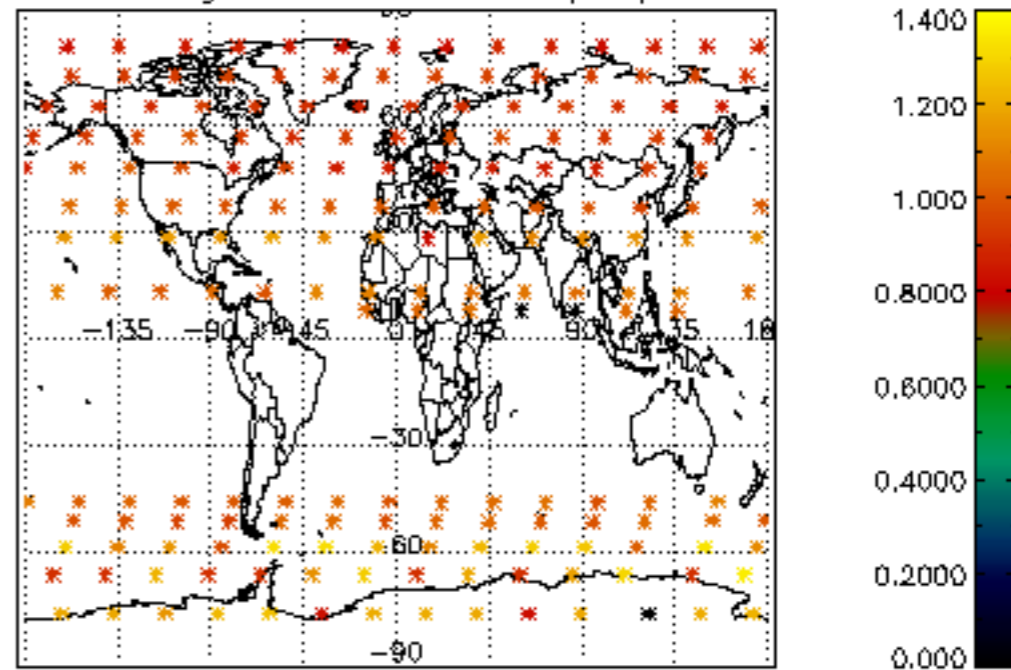
Percentage of saturation errors per profile



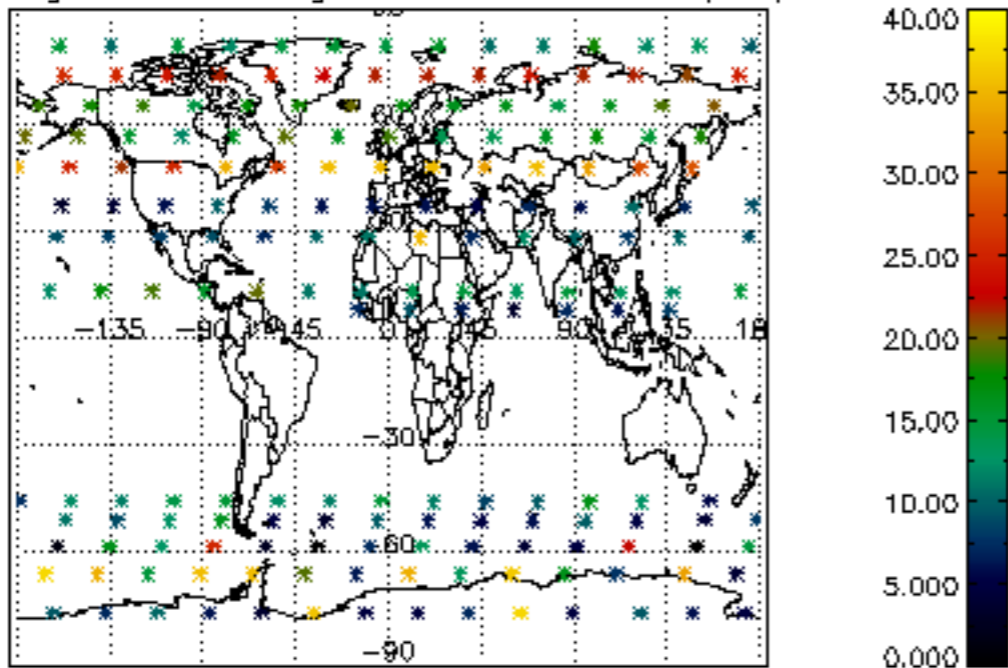
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

