

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	22APR2013 20:40:07
Data source version	GOMOS/6.01
Start time of products	12-06-2007 (12JUN2007 00:00:00)
Stop time of products	13-06-2007 (13JUN2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	236
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__2PRFIN20070612_000012_000000452059_00002_27611_8929.N1	12-JUN-2007 00:00:12	Twilight	44.500	25	35Lam Sco	1.6200	28000.	89	27611	No
2	GOM_NL__2PRFIN20070612_000134_000000492059_00002_27611_8930.N1	12-JUN-2007 00:01:34	Twilight	49.000	167	10Gam2Sgr	2.9840	4500.0	98	27611	No
3	GOM_NL__2PRFIN20070612_000659_000000402059_00002_27611_8931.N1	12-JUN-2007 00:06:59	Bright	40.000	86	35Eta Oph	2.4300	10200.	80	27611	No
4	GOM_NL__2PRFIN20070612_000844_000000372059_00002_27611_8932.N1	12-JUN-2007 00:08:44	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	27611	No
5	GOM_NL__2PRFIN20070612_001051_000000372059_00002_27611_8933.N1	12-JUN-2007 00:10:51	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	27611	No
6	GOM_NL__2PRFIN20070612_001816_000000382059_00002_27611_8934.N1	12-JUN-2007 00:18:16	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	27611	No
7	GOM_NL__2PRFIN20070612_002125_000000382059_00002_27611_8935.N1	12-JUN-2007 00:21:25	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	27611	No
8	GOM_NL__2PRFIN20070612_002826_000000402059_00002_27611_8936.N1	12-JUN-2007 00:28:26	Bright	40.000	130	23Bet Dra	2.7990	5800.0	80	27611	No
9	GOM_NL__2PRFIN20070612_004521_000000582059_00002_27611_8937.N1	12-JUN-2007 00:45:21	Bright	58.000	76	27Gam Cas	2.3000	30000.	116	27611	No
10	GOM_NL__2PRFIN20070612_005120_000000392059_00002_27611_8938.N1	12-JUN-2007 00:51:20	Bright	39.000	73	57Gam1And	2.2600	13100.	78	27611	No
11	GOM_NL__2PRFIN20070612_005340_000000552059_00002_27611_8939.N1	12-JUN-2007 00:53:40	Twilight	54.500	53	43Bet And	2.0480	3300.0	109	27611	No
12	GOM_NL__2PRFIN20070612_005700_000000452059_00002_27611_8940.N1	12-JUN-2007 00:57:00	Twilight	45.000	50	13Alp Ari	2.0070	4250.0	90	27611	No
13	GOM_NL__2PRFIN20070612_011157_000000522059_00002_27611_8941.N1	12-JUN-2007 01:11:57	Dark	51.500	52	16Bet Cet	2.0370	4500.0	103	27611	No
14	GOM_NL__2PRFIN20070612_011822_000000432059_00002_27611_8942.N1	12-JUN-2007 01:18:22	Dark	43.000	84	Alp Phe	2.3970	4500.0	86	27611	No
15	GOM_NL__2PRFIN20070612_012423_000000502059_00003_27612_8941.N1	12-JUN-2007 01:24:23	Dark	49.500	63	Bet Gru	2.1500	2800.0	99	27612	No
16	GOM_NL__2PRFIN20070612_012624_000000482059_00003_27612_8942.N1	12-JUN-2007 01:26:24	Dark	48.000	31	Alp Gru	1.7340	15200.	96	27612	No
17	GOM_NL__2PRFIN20070612_013037_000000432059_00003_27612_8943.N1	12-JUN-2007 01:30:37	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	27612	No
18	GOM_NL__2PRFIN20070612_013904_000000432059_00003_27612_8944.N1	12-JUN-2007 01:39:04	Straylight	43.000	40	The Sco	1.8590	7100.0	86	27612	No
19	GOM_NL__2PRFIN20070612_014048_000000442059_00003_27612_8945.N1	12-JUN-2007 01:40:48	Twilight	43.500	25	35Lam Sco	1.6200	28000.	87	27612	No
20	GOM_NL__2PRFIN20070612_014210_000000492059_00003_27612_8946.N1	12-JUN-2007 01:42:10	Twilight	48.500	167	10Gam2Sgr	2.9840	4500.0	97	27612	No
21	GOM_NL__2PRFIN20070612_014735_000000402059_00003_27612_8947.N1	12-JUN-2007 01:47:35	Bright	39.500	86	35Eta Oph	2.4300	10200.	79	27612	No
22	GOM_NL__2PRFIN20070612_014920_000000382059_00003_27612_8948.N1	12-JUN-2007 01:49:20	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	27612	No
23	GOM_NL__2PRFIN20070612_015127_000000372059_00003_27612_8949.N1	12-JUN-2007 01:51:27	Bright	37.000	120	1Del Oph	2.7340	3200.0	74	27612	No
24	GOM_NL__2PRFIN20070612_015852_000000392059_00003_27612_8950.N1	12-JUN-2007 01:58:52	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	27612	No
25	GOM_NL__2PRFIN20070612_020200_000000402059_00003_27612_8951.N1	12-JUN-2007 02:02:00	Bright	39.500	133	40Zet Her	2.8070	6000.0	79	27612	No
26	GOM_NL__2PRFIN20070612_020902_000000392059_00003_27612_8952.N1	12-JUN-2007 02:09:02	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	27612	No
27	GOM_NL__2PRFIN20070612_022557_000000382059_00003_27612_8953.N1	12-JUN-2007 02:25:57	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	27612	No
28	GOM_NL__2PRFIN20070612_023155_000000402059_00003_27612_8954.N1	12-JUN-2007 02:31:55	Bright	39.500	73	57Gam1And	2.2600	13100.	79	27612	No
29	GOM_NL__2PRFIN20070612_023416_000000522059_00003_27612_8955.N1	12-JUN-2007 02:34:16	Twilight	51.500	53	43Bet And	2.0480	3300.0	103	27612	No
30	GOM_NL__2PRFIN20070612_023736_000000452059_00003_27612_8956.N1	12-JUN-2007 02:37:36	Twilight	44.500	50	13Alp Ari	2.0070	4250.0	89	27612	No
31	GOM_NL__2PRFIN20070612_025233_000000612059_00003_27612_8957.N1	12-JUN-2007 02:52:33	Dark	61.000	52	16Bet Cet	2.0370	4500.0	122	27612	No
32	GOM_NL__2PRFIN20070612_025859_000000422059_00003_27612_8958.N1	12-JUN-2007 02:58:59	Dark	41.500	84	Alp Phe	2.3970	4500.0	83	27612	No
33	GOM_NL__2PRFIN20070612_030459_000000512059_00004_27613_8953.N1	12-JUN-2007 03:04:59	Dark	51.000	63	Bet Gru	2.1500	2800.0	102	27613	No
34	GOM_NL__2PRFIN20070612_030701_000000482059_00004_27613_8954.N1	12-JUN-2007 03:07:01	Dark	47.500	31	Alp Gru	1.7340	15200.	95	27613	No
35	GOM_NL__2PRFIN20070612_031113_000000432059_00004_27613_8955.N1	12-JUN-2007 03:11:13	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	27613	No
36	GOM_NL__2PRFIN20070612_031940_000000432059_00004_27613_8956.N1	12-JUN-2007 03:19:40	Twilight	43.000	40	The Sco	1.8590	7100.0	86	27613	No
37	GOM_NL__2PRFIN20070612_032124_000000432059_00004_27613_8957.N1	12-JUN-2007 03:21:24	Twilight	43.000	25	35Lam Sco	1.6200	28000.	86	27613	No
38	GOM_NL__2PRFIN20070612_032246_000000482059_00004_27613_8958.N1	12-JUN-2007 03:22:46	Twilight	48.000	167	10Gam2Sgr	2.9840	4500.0	96	27613	No
39	GOM_NL__2PRFIN20070612_032811_000000412059_00004_27613_8959.N1	12-JUN-2007 03:28:11	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	27613	No
40	GOM_NL__2PRFIN20070612_032956_000000382059_00004_27613_8960.N1	12-JUN-2007 03:29:56	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	27613	No
41	GOM_NL__2PRFIN20070612_033203_000000372059_00004_27613_8961.N1	12-JUN-2007 03:32:03	Bright	37.000	120	1Del Oph	2.7340	3200.0	74	27613	No
42	GOM_NL__2PRFIN20070612_033928_000000372059_00004_27613_8962.N1	12-JUN-2007 03:39:28	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	27613	No

43	GOM_NL__2PRFIN20070612_034236_000000382059_00004_27613_8963.N1	12-JUN-2007 03:42:36	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	27613	No
44	GOM_NL__2PRFIN20070612_034937_000000392059_00004_27613_8964.N1	12-JUN-2007 03:49:37	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	27613	No
45	GOM_NL__2PRFIN20070612_040632_000000582059_00004_27613_8965.N1	12-JUN-2007 04:06:32	Bright	58.000	76	27Gam Cas	2.3000	30000.	116	27613	No
46	GOM_NL__2PRFIN20070612_041232_000000552059_00004_27613_8966.N1	12-JUN-2007 04:12:32	Bright	55.000	73	57Gam1And	2.2600	13100.	110	27613	No
47	GOM_NL__2PRFIN20070612_041452_000000562059_00004_27613_8967.N1	12-JUN-2007 04:14:52	Twilight	55.500	53	43Bet And	2.0480	3300.0	111	27613	No
48	GOM_NL__2PRFIN20070612_041812_000000472059_00004_27613_8968.N1	12-JUN-2007 04:18:12	Twilight	46.500	50	13Alp Ari	2.0070	4250.0	93	27613	No
49	GOM_NL__2PRFIN20070612_043310_000000602059_00004_27613_8969.N1	12-JUN-2007 04:33:10	Dark	60.000	52	16Bet Cet	2.0370	4500.0	120	27613	No
50	GOM_NL__2PRFIN20070612_043935_000000472059_00004_27613_8970.N1	12-JUN-2007 04:39:35	Dark	46.500	84	Alp Phe	2.3970	4500.0	93	27613	No
51	GOM_NL__2PRFIN20070612_044536_000000622059_00005_27614_8994.N1	12-JUN-2007 04:45:36	Dark	62.000	63	Bet Gru	2.1500	2800.0	124	27614	No
52	GOM_NL__2PRFIN20070612_044738_000000472059_00005_27614_8995.N1	12-JUN-2007 04:47:38	Dark	47.000	31	Alp Gru	1.7340	15200.	94	27614	No
53	GOM_NL__2PRFIN20070612_045150_000000432059_00005_27614_8996.N1	12-JUN-2007 04:51:50	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	27614	No
54	GOM_NL__2PRFIN20070612_050017_000000422059_00005_27614_8997.N1	12-JUN-2007 05:00:17	Twilight	41.500	40	The Sco	1.8590	7100.0	83	27614	No
55	GOM_NL__2PRFIN20070612_050201_000000432059_00005_27614_8998.N1	12-JUN-2007 05:02:01	Twilight	43.000	25	35Lam Sco	1.6200	28000.	86	27614	No
56	GOM_NL__2PRFIN20070612_050323_000000472059_00005_27614_8999.N1	12-JUN-2007 05:03:23	Twilight	46.500	167	10Gam2Sgr	2.9840	4500.0	93	27614	No
57	GOM_NL__2PRFIN20070612_050847_000000402059_00005_27614_9000.N1	12-JUN-2007 05:08:47	Bright	40.000	86	35Eta Oph	2.4300	10200.	80	27614	No
58	GOM_NL__2PRFIN20070612_051033_000000382059_00005_27614_9001.N1	12-JUN-2007 05:10:33	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	27614	No
59	GOM_NL__2PRFIN20070612_051239_000000372059_00005_27614_9002.N1	12-JUN-2007 05:12:39	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	27614	No
60	GOM_NL__2PRFIN20070612_052004_000000382059_00005_27614_9003.N1	12-JUN-2007 05:20:04	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	27614	No
61	GOM_NL__2PRFIN20070612_052312_000000382059_00005_27614_9004.N1	12-JUN-2007 05:23:12	Bright	38.000	133	40Zet Her	2.8070	6000.0	76	27614	No
62	GOM_NL__2PRFIN20070612_053013_000000412059_00005_27614_9005.N1	12-JUN-2007 05:30:13	Bright	40.500	130	23Bet Dra	2.7990	5800.0	81	27614	No
63	GOM_NL__2PRFIN20070612_054708_000000582059_00005_27614_9006.N1	12-JUN-2007 05:47:08	Bright	58.000	76	27Gam Cas	2.3000	30000.	116	27614	No
64	GOM_NL__2PRFIN20070612_055308_000000412059_00005_27614_9007.N1	12-JUN-2007 05:53:08	Bright	40.500	73	57Gam1And	2.2600	13100.	81	27614	No
65	GOM_NL__2PRFIN20070612_055528_000000592059_00005_27614_9008.N1	12-JUN-2007 05:55:28	Twilight	58.500	53	43Bet And	2.0480	3300.0	117	27614	No
66	GOM_NL__2PRFIN20070612_055848_000000492059_00005_27614_9009.N1	12-JUN-2007 05:58:48	Twilight	48.500	50	13Alp Ari	2.0070	4250.0	97	27614	No
67	GOM_NL__2PRFIN20070612_061347_000000552059_00005_27614_9010.N1	12-JUN-2007 06:13:47	Dark	55.000	52	16Bet Cet	2.0370	4500.0	110	27614	No
68	GOM_NL__2PRFIN20070612_062012_000000462059_00005_27614_9011.N1	12-JUN-2007 06:20:12	Dark	45.500	84	Alp Phe	2.3970	4500.0	91	27614	No
69	GOM_NL__2PRFIN20070612_062613_000000652059_00006_27615_9005.N1	12-JUN-2007 06:26:13	Dark	65.000	63	Bet Gru	2.1500	2800.0	130	27615	No
70	GOM_NL__2PRFIN20070612_062815_000000492059_00006_27615_9006.N1	12-JUN-2007 06:28:15	Dark	49.000	31	Alp Gru	1.7340	15200.	98	27615	No
71	GOM_NL__2PRFIN20070612_063227_000000422059_00006_27615_9007.N1	12-JUN-2007 06:32:27	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	27615	No
72	GOM_NL__2PRFIN20070612_064053_000000432059_00006_27615_9008.N1	12-JUN-2007 06:40:53	Twilight	43.000	40	The Sco	1.8590	7100.0	86	27615	No
73	GOM_NL__2PRFIN20070612_064237_000000442059_00006_27615_9009.N1	12-JUN-2007 06:42:37	Twilight	44.000	25	35Lam Sco	1.6200	28000.	88	27615	No
74	GOM_NL__2PRFIN20070612_064359_000000452059_00006_27615_9010.N1	12-JUN-2007 06:43:59	Twilight	45.000	167	10Gam2Sgr	2.9840	4500.0	90	27615	No
75	GOM_NL__2PRFIN20070612_064923_000000412059_00006_27615_9011.N1	12-JUN-2007 06:49:23	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	27615	No
76	GOM_NL__2PRFIN20070612_065109_000000372059_00006_27615_9012.N1	12-JUN-2007 06:51:09	Bright	37.000	98	13Zet Oph	2.5710	30000.	74	27615	No
77	GOM_NL__2PRFIN20070612_065319_000000342059_00006_27615_9013.N1	12-JUN-2007 06:53:19	Bright	33.500	120	1Del Oph	2.7340	3200.0	67	27615	No
78	GOM_NL__2PRFIN20070612_070040_000000382059_00006_27615_9014.N1	12-JUN-2007 07:00:40	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	27615	No
79	GOM_NL__2PRFIN20070612_070348_000000392059_00006_27615_9015.N1	12-JUN-2007 07:03:48	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	27615	No
80	GOM_NL__2PRFIN20070612_071048_000000412059_00006_27615_9016.N1	12-JUN-2007 07:10:48	Bright	40.500	130	23Bet Dra	2.7990	5800.0	81	27615	No
81	GOM_NL__2PRFIN20070612_072744_000000582059_00006_27615_9017.N1	12-JUN-2007 07:27:44	Bright	58.000	76	27Gam Cas	2.3000	30000.	116	27615	No
82	GOM_NL__2PRFIN20070612_073344_000000392059_00006_27615_9018.N1	12-JUN-2007 07:33:44	Bright	38.500	73	57Gam1And	2.2600	13100.	77	27615	No
83	GOM_NL__2PRFIN20070612_073604_000000532059_00006_27615_9019.N1	12-JUN-2007 07:36:04	Twilight	53.000	53	43Bet And	2.0480	3300.0	106	27615	No
84	GOM_NL__2PRFIN20070612_073924_000000492059_00006_27615_9020.N1	12-JUN-2007 07:39:24	Twilight	48.500	50	13Alp Ari	2.0070	4250.0	97	27615	No
85	GOM_NL__2PRFIN20070612_075424_000000522059_00006_27615_9021.N1	12-JUN-2007 07:54:24	Dark	51.500	52	16Bet Cet	2.0370	4500.0	103	27615	No
86	GOM_NL__2PRFIN20070612_080049_000000432059_00006_27615_9022.N1	12-JUN-2007 08:00:49	Dark	42.500	84	Alp Phe	2.3970	4500.0	85	27615	No
87	GOM_NL__2PRFIN20070612_080650_000000512059_00007_27616_9021.N1	12-JUN-2007 08:06:50	Dark	51.000	63	Bet Gru	2.1500	2800.0	102	27616	No
88	GOM_NL__2PRFIN20070612_080852_000000482059_00007_27616_9022.N1	12-JUN-2007 08:08:52	Dark	47.500	31	Alp Gru	1.7340	15200.	95	27616	No
89	GOM_NL__2PRFIN20070612_081303_000000422059_00007_27616_9023.N1	12-JUN-2007 08:13:03	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	27616	No
90	GOM_NL__2PRFIN20070612_082129_000000442059_00007_27616_9024.N1	12-JUN-2007 08:21:29	Twilight	43.500	40	The Sco	1.8590	7100.0	87	27616	No
91	GOM_NL__2PRFIN20070612_082313_000000462059_00007_27616_9025.N1	12-JUN-2007 08:23:13	Twilight	46.000	25	35Lam Sco	1.6200	28000.	92	27616	No
92	GOM_NL__2PRFIN20070612_082435_000000482059_00007_27616_9026.N1	12-JUN-2007 08:24:35	Twilight	47.500	167	10Gam2Sgr	2.9840	4500.0	95	27616	No
93	GOM_NL__2PRFIN20070612_082959_000000412059_00007_27616_9027.N1	12-JUN-2007 08:29:59	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	27616	No
94	GOM_NL__2PRFIN20070612_083145_000000382059_00007_27616_9028.N1	12-JUN-2007 08:31:45	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	27616	No
95	GOM_NL__2PRFIN20070612_084115_000000382059_00007_27616_9029.N1	12-JUN-2007 08:41:15	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	27616	No
96	GOM_NL__2PRFIN20070612_084423_000000402059_00007_27616_9030.N1	12-JUN-2007 08:44:23	Bright	39.500	133	40Zet Her	2.8070	6000.0	79	27616	No
97	GOM_NL__2PRFIN20070612_085124_000000412059_00007_27616_9031.N1	12-JUN-2007 08:51:24	Bright	41.000	130	23Bet Dra	2.7990	5800.0	82	27616	No
98	GOM_NL__2PRFIN20070612_090820_000000582059_00007_27616_9032.N1	12-JUN-2007 09:08:20	Bright	57.500	76	27Gam Cas	2.3000	30000.	115	27616	No
99	GOM_NL__2PRFIN20070612_091420_000000552059_00007_27616_9033.N1	12-JUN-2007 09:14:20	Bright	55.000	73	57Gam1And	2.2600	13100.	110	27616	No
100	GOM_NL__2PRFIN20070612_091640_000000532059_00007_27616_9034.N1	12-JUN-2007 09:16:40	Twilight	52.500	53	43Bet And	2.0480	3300.0	105	27616	No
101	GOM_NL__2PRFIN20070612_092000_000000492059_00007_27616_9035.N1	12-JUN-2007 09:20:00	Twilight	48.500	50	13Alp Ari	2.0070	4250.0	97	27616	No

102	GOM_NL__2PRFIN20070612_093501_000000532059_00007_27616_9036.N1	12-JUN-2007 09:35:01	Dark	53.000	52	16Bet Cet	2.0370	4500.0	106	27616	No
103	GOM_NL__2PRFIN20070612_094126_000000462059_00007_27616_9037.N1	12-JUN-2007 09:41:26	Dark	46.000	84	Alp Phe	2.3970	4500.0	92	27616	No
104	GOM_NL__2PRFIN20070612_094727_000000502059_00008_27617_9037.N1	12-JUN-2007 09:47:27	Dark	49.500	63	Bet Gru	2.1500	2800.0	99	27617	No
105	GOM_NL__2PRFIN20070612_094929_000000472059_00008_27617_9038.N1	12-JUN-2007 09:49:29	Dark	46.500	31	Alp Gru	1.7340	15200.	93	27617	No
106	GOM_NL__2PRFIN20070612_095340_000000422059_00008_27617_9039.N1	12-JUN-2007 09:53:40	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	27617	No
107	GOM_NL__2PRFIN20070612_100205_000000442059_00008_27617_9040.N1	12-JUN-2007 10:02:05	Twi_and_stray	44.000	40	The Sco	1.8590	7100.0	88	27617	No
108	GOM_NL__2PRFIN20070612_100349_000000442059_00008_27617_9041.N1	12-JUN-2007 10:03:49	Twi_and_stray	43.500	25	35Lam Sco	1.6200	28000.	87	27617	No
109	GOM_NL__2PRFIN20070612_100512_000000512059_00008_27617_9042.N1	12-JUN-2007 10:05:12	Twi_and_stray	50.500	167	10Gam2Sgr	2.9840	4500.0	101	27617	No
110	GOM_NL__2PRFIN20070612_101035_000000402059_00008_27617_9043.N1	12-JUN-2007 10:10:35	Bright	39.500	86	35Eta Oph	2.4300	10200.	79	27617	No
111	GOM_NL__2PRFIN20070612_102151_000000382059_00008_27617_9044.N1	12-JUN-2007 10:21:51	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	27617	No
112	GOM_NL__2PRFIN20070612_102459_000000372059_00008_27617_9045.N1	12-JUN-2007 10:24:59	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	27617	No
113	GOM_NL__2PRFIN20070612_103159_000000402059_00008_27617_9046.N1	12-JUN-2007 10:31:59	Bright	40.000	130	23Bet Dra	2.7990	5800.0	80	27617	No
114	GOM_NL__2PRFIN20070612_104855_000000402059_00008_27617_9047.N1	12-JUN-2007 10:48:55	Bright	39.500	76	27Gam Cas	2.3000	30000.	79	27617	No
115	GOM_NL__2PRFIN20070612_105455_000000552059_00008_27617_9048.N1	12-JUN-2007 10:54:55	Bright	55.000	73	57Gam1And	2.2600	13100.	110	27617	No
116	GOM_NL__2PRFIN20070612_105716_000000542059_00008_27617_9049.N1	12-JUN-2007 10:57:16	Twi_and_stray	53.500	53	43Bet And	2.0480	3300.0	107	27617	No
117	GOM_NL__2PRFIN20070612_110037_000000402059_00008_27617_9050.N1	12-JUN-2007 11:00:37	Twilight	40.000	50	13Alp Ari	2.0070	4250.0	80	27617	No
118	GOM_NL__2PRFIN20070612_111538_000000592059_00008_27617_9051.N1	12-JUN-2007 11:15:38	Dark	58.500	52	16Bet Cet	2.0370	4500.0	117	27617	No
119	GOM_NL__2PRFIN20070612_112202_000000522059_00008_27617_9052.N1	12-JUN-2007 11:22:02	Dark	51.500	84	Alp Phe	2.3970	4500.0	103	27617	No
120	GOM_NL__2PRFIN20070612_112804_000000502059_00009_27618_9048.N1	12-JUN-2007 11:28:04	Dark	50.000	63	Bet Gru	2.1500	2800.0	100	27618	No
121	GOM_NL__2PRFIN20070612_113006_000000572059_00009_27618_9049.N1	12-JUN-2007 11:30:06	Dark	57.000	31	Alp Gru	1.7340	15200.	114	27618	No
122	GOM_NL__2PRFIN20070612_113416_000000422059_00009_27618_9050.N1	12-JUN-2007 11:34:16	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	27618	No
123	GOM_NL__2PRFIN20070612_114241_000000432059_00009_27618_9051.N1	12-JUN-2007 11:42:41	Twi_and_stray	42.500	40	The Sco	1.8590	7100.0	85	27618	No
124	GOM_NL__2PRFIN20070612_114426_000000422059_00009_27618_9052.N1	12-JUN-2007 11:44:26	Twi_and_stray	42.000	25	35Lam Sco	1.6200	28000.	84	27618	No
125	GOM_NL__2PRFIN20070612_114548_000000492059_00009_27618_9053.N1	12-JUN-2007 11:45:48	Twi_and_stray	48.500	167	10Gam2Sgr	2.9840	4500.0	97	27618	No
126	GOM_NL__2PRFIN20070612_115111_000000402059_00009_27618_9054.N1	12-JUN-2007 11:51:11	Bright	39.500	86	35Eta Oph	2.4300	10200.	79	27618	No
127	GOM_NL__2PRFIN20070612_115256_000000382059_00009_27618_9055.N1	12-JUN-2007 11:52:56	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	27618	No
128	GOM_NL__2PRFIN20070612_120227_000000372059_00009_27618_9056.N1	12-JUN-2007 12:02:27	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	27618	No
129	GOM_NL__2PRFIN20070612_120534_000000382059_00009_27618_9057.N1	12-JUN-2007 12:05:34	Bright	38.000	133	40Zet Her	2.8070	6000.0	76	27618	No
130	GOM_NL__2PRFIN20070612_121234_000000412059_00009_27618_9058.N1	12-JUN-2007 12:12:34	Bright	41.000	130	23Bet Dra	2.7990	5800.0	82	27618	No
131	GOM_NL__2PRFIN20070612_122931_000000442059_00009_27618_9059.N1	12-JUN-2007 12:29:31	Bright	44.000	76	27Gam Cas	2.3000	30000.	88	27618	No
132	GOM_NL__2PRFIN20070612_123532_000000422059_00009_27618_9060.N1	12-JUN-2007 12:35:32	Bright	42.000	73	57Gam1And	2.2600	13100.	84	27618	No
133	GOM_NL__2PRFIN20070612_123751_000000522059_00009_27618_9061.N1	12-JUN-2007 12:37:51	Twi_and_stray	51.500	53	43Bet And	2.0480	3300.0	103	27618	No
134	GOM_NL__2PRFIN20070612_124112_000000462059_00009_27618_9062.N1	12-JUN-2007 12:41:12	Twilight	45.500	50	13Alp Ari	2.0070	4250.0	91	27618	No
135	GOM_NL__2PRFIN20070612_125614_000000542059_00009_27618_9063.N1	12-JUN-2007 12:56:14	Dark	53.500	52	16Bet Cet	2.0370	4500.0	107	27618	No
136	GOM_NL__2PRFIN20070612_130239_000000432059_00009_27618_9064.N1	12-JUN-2007 13:02:39	Dark	42.500	84	Alp Phe	2.3970	4500.0	85	27618	No
137	GOM_NL__2PRFIN20070612_130841_000000562059_00010_27619_9073.N1	12-JUN-2007 13:08:41	Dark	55.500	63	Bet Gru	2.1500	2800.0	111	27619	No
138	GOM_NL__2PRFIN20070612_131043_000000462059_00010_27619_9074.N1	12-JUN-2007 13:10:43	Dark	46.000	31	Alp Gru	1.7340	15200.	92	27619	No
139	GOM_NL__2PRFIN20070612_131453_000000432059_00010_27619_9075.N1	12-JUN-2007 13:14:53	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	27619	No
140	GOM_NL__2PRFIN20070612_132318_000000432059_00010_27619_9076.N1	12-JUN-2007 13:23:18	Twi_and_stray	43.000	40	The Sco	1.8590	7100.0	86	27619	No
141	GOM_NL__2PRFIN20070612_132502_000000412059_00010_27619_9077.N1	12-JUN-2007 13:25:02	Twi_and_stray	40.500	25	35Lam Sco	1.6200	28000.	81	27619	No
142	GOM_NL__2PRFIN20070612_132624_000000472059_00010_27619_9078.N1	12-JUN-2007 13:26:24	Twi_and_stray	47.000	167	10Gam2Sgr	2.9840	4500.0	94	27619	No
143	GOM_NL__2PRFIN20070612_133147_000000412059_00010_27619_9079.N1	12-JUN-2007 13:31:47	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	27619	No
144	GOM_NL__2PRFIN20070612_133332_000000382059_00010_27619_9080.N1	12-JUN-2007 13:33:32	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	27619	No
145	GOM_NL__2PRFIN20070612_134303_000000392059_00010_27619_9081.N1	12-JUN-2007 13:43:03	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	27619	No
146	GOM_NL__2PRFIN20070612_134610_000000382059_00010_27619_9082.N1	12-JUN-2007 13:46:10	Bright	38.000	133	40Zet Her	2.8070	6000.0	76	27619	No
147	GOM_NL__2PRFIN20070612_135310_000000392059_00010_27619_9083.N1	12-JUN-2007 13:53:10	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	27619	No
148	GOM_NL__2PRFIN20070612_141007_000000372059_00010_27619_9084.N1	12-JUN-2007 14:10:07	Bright	37.000	76	27Gam Cas	2.3000	30000.	74	27619	No
149	GOM_NL__2PRFIN20070612_141608_000000392059_00010_27619_9085.N1	12-JUN-2007 14:16:08	Bright	39.000	73	57Gam1And	2.2600	13100.	78	27619	No
150	GOM_NL__2PRFIN20070612_141828_000000522059_00010_27619_9086.N1	12-JUN-2007 14:18:28	Twi_and_stray	52.000	53	43Bet And	2.0480	3300.0	104	27619	No
151	GOM_NL__2PRFIN20070612_142149_000000502059_00010_27619_9087.N1	12-JUN-2007 14:21:49	Twilight	50.000	50	13Alp Ari	2.0070	4250.0	100	27619	No
152	GOM_NL__2PRFIN20070612_143651_000000522059_00010_27619_9088.N1	12-JUN-2007 14:36:51	Dark	51.500	52	16Bet Cet	2.0370	4500.0	103	27619	No
153	GOM_NL__2PRFIN20070612_144315_000000422059_00010_27619_9089.N1	12-JUN-2007 14:43:15	Dark	42.000	84	Alp Phe	2.3970	4500.0	84	27619	No
154	GOM_NL__2PRFIN20070612_144918_000000502059_00011_27620_9085.N1	12-JUN-2007 14:49:18	Dark	49.500	63	Bet Gru	2.1500	2800.0	99	27620	No
155	GOM_NL__2PRFIN20070612_145120_000000472059_00011_27620_9086.N1	12-JUN-2007 14:51:20	Dark	46.500	31	Alp Gru	1.7340	15200.	93	27620	No
156	GOM_NL__2PRFIN20070612_145529_000000442059_00011_27620_9087.N1	12-JUN-2007 14:55:29	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	27620	No
157	GOM_NL__2PRFIN20070612_150354_000000452059_00011_27620_9088.N1	12-JUN-2007 15:03:54	Twi_and_stray	44.500	40	The Sco	1.8590	7100.0	89	27620	No
158	GOM_NL__2PRFIN20070612_150538_000000442059_00011_27620_9089.N1	12-JUN-2007 15:05:38	Twi_and_stray	44.000	25	35Lam Sco	1.6200	28000.	88	27620	No
159	GOM_NL__2PRFIN20070612_150700_000000472059_00011_27620_9090.N1	12-JUN-2007 15:07:00	Twi_and_stray	47.000	167	10Gam2Sgr	2.9840	4500.0	94	27620	No
160	GOM_NL__2PRFIN20070612_151223_000000402059_00011_27620_9091.N1	12-JUN-2007 15:12:23	Bright	40.000	86	35Eta Oph	2.4300	10200.	80	27620	No

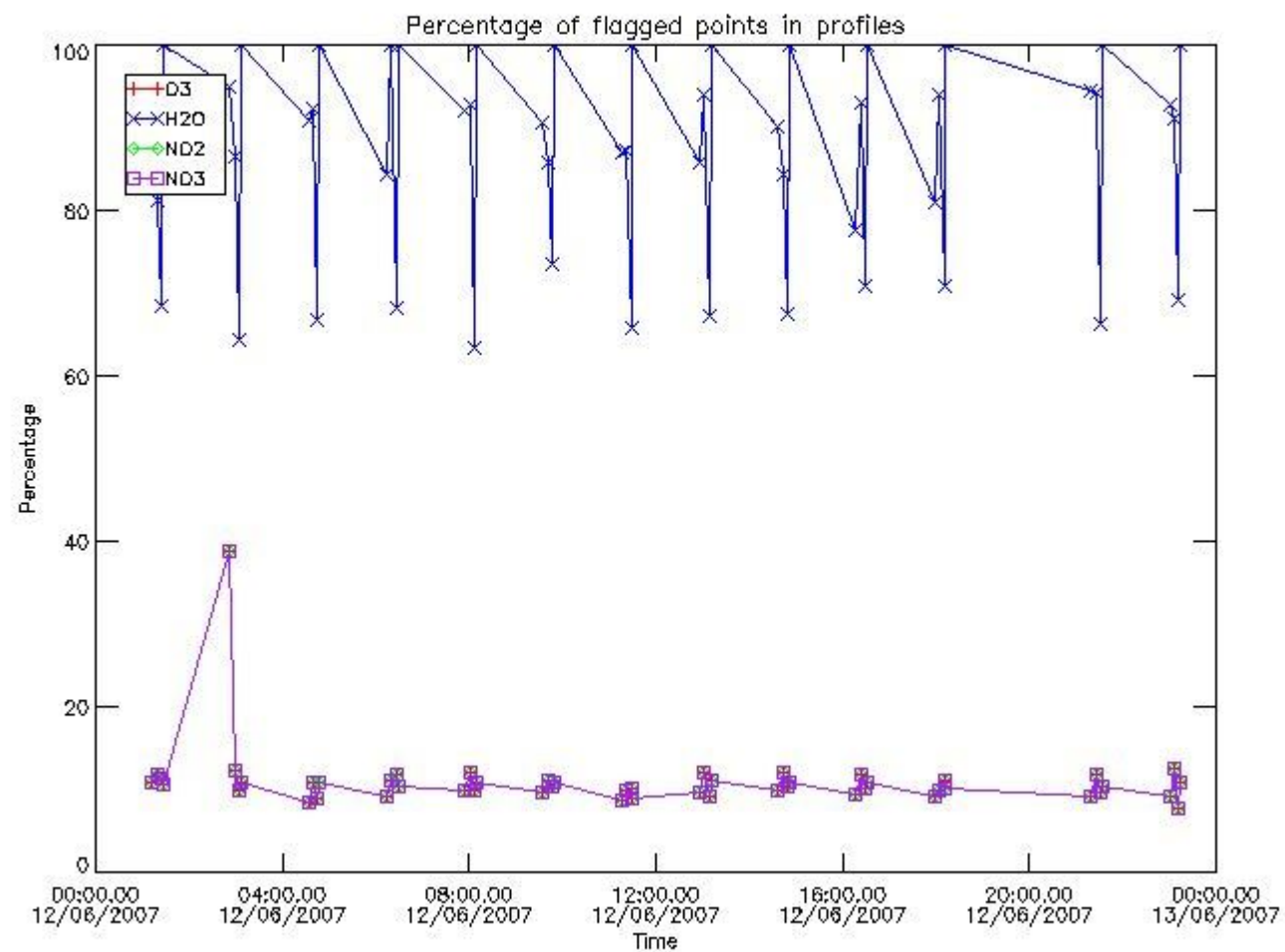
161	GOM_NL__2PRFIN20070612_151408_000000372059_00011_27620_9092.N1	12-JUN-2007 15:14:08	Bright	37.000	98	13Zet Oph	2.5710	30000.	74	27620	No
162	GOM_NL__2PRFIN20070612_152338_000000372059_00011_27620_9093.N1	12-JUN-2007 15:23:38	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	27620	No
163	GOM_NL__2PRFIN20070612_152646_000000392059_00011_27620_9094.N1	12-JUN-2007 15:26:46	Bright	38.500	133	40Zet Her	2.8070	6000.0	77	27620	No
164	GOM_NL__2PRFIN20070612_153345_000000432059_00011_27620_9095.N1	12-JUN-2007 15:33:45	Bright	42.500	130	23Bet Dra	2.7990	5800.0	85	27620	No
165	GOM_NL__2PRFIN20070612_155043_000000392059_00011_27620_9096.N1	12-JUN-2007 15:50:43	Bright	38.500	76	27Gam Cas	2.3000	30000.	77	27620	No
166	GOM_NL__2PRFIN20070612_155643_000000402059_00011_27620_9097.N1	12-JUN-2007 15:56:43	Bright	39.500	73	57Gam1And	2.2600	13100.	79	27620	No
167	GOM_NL__2PRFIN20070612_155904_000000522059_00011_27620_9098.N1	12-JUN-2007 15:59:04	Twilight	51.500	53	43Bet And	2.0480	3300.0	103	27620	No
168	GOM_NL__2PRFIN20070612_160225_000000482059_00011_27620_9099.N1	12-JUN-2007 16:02:25	Twilight	47.500	50	13Alp Ari	2.0070	4250.0	95	27620	No
169	GOM_NL__2PRFIN20070612_161728_000000542059_00011_27620_9100.N1	12-JUN-2007 16:17:28	Dark	54.000	52	16Bet Cet	2.0370	4500.0	108	27620	No
170	GOM_NL__2PRFIN20070612_162352_000000442059_00011_27620_9101.N1	12-JUN-2007 16:23:52	Dark	43.500	84	Alp Phe	2.3970	4500.0	87	27620	No
171	GOM_NL__2PRFIN20070612_162955_000000502059_00012_27621_9101.N1	12-JUN-2007 16:29:55	Dark	50.000	63	Bet Gru	2.1500	2800.0	100	27621	No
172	GOM_NL__2PRFIN20070612_163157_000000482059_00012_27621_9102.N1	12-JUN-2007 16:31:57	Dark	47.500	31	Alp Gru	1.7340	15200.	95	27621	No
173	GOM_NL__2PRFIN20070612_163606_000000422059_00012_27621_9103.N1	12-JUN-2007 16:36:06	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	27621	No
174	GOM_NL__2PRFIN20070612_164430_000000412059_00012_27621_9104.N1	12-JUN-2007 16:44:30	Twilight	41.000	40	The Sco	1.8590	7100.0	82	27621	No
175	GOM_NL__2PRFIN20070612_164614_000000462059_00012_27621_9105.N1	12-JUN-2007 16:46:14	Twilight	45.500	25	35Lam Sco	1.6200	28000.	91	27621	No
176	GOM_NL__2PRFIN20070612_164737_000000472059_00012_27621_9106.N1	12-JUN-2007 16:47:37	Twilight	46.500	167	10Gam2Sgr	2.9840	4500.0	93	27621	No
177	GOM_NL__2PRFIN20070612_165259_000000412059_00012_27621_9107.N1	12-JUN-2007 16:52:59	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	27621	No
178	GOM_NL__2PRFIN20070612_165445_000000382059_00012_27621_9108.N1	12-JUN-2007 16:54:45	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	27621	No
179	GOM_NL__2PRFIN20070612_170414_000000382059_00012_27621_9109.N1	12-JUN-2007 17:04:14	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	27621	No
180	GOM_NL__2PRFIN20070612_170722_000000382059_00012_27621_9110.N1	12-JUN-2007 17:07:22	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	27621	No
181	GOM_NL__2PRFIN20070612_171421_000000402059_00012_27621_9111.N1	12-JUN-2007 17:14:21	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	27621	No
182	GOM_NL__2PRFIN20070612_173118_000000372059_00012_27621_9112.N1	12-JUN-2007 17:31:18	Bright	37.000	76	27Gam Cas	2.3000	30000.	74	27621	No
183	GOM_NL__2PRFIN20070612_173719_000000382059_00012_27621_9113.N1	12-JUN-2007 17:37:19	Bright	38.000	73	57Gam1And	2.2600	13100.	76	27621	No
184	GOM_NL__2PRFIN20070612_173940_000000552059_00012_27621_9114.N1	12-JUN-2007 17:39:40	Twilight	55.000	53	43Bet And	2.0480	3300.0	110	27621	No
185	GOM_NL__2PRFIN20070612_174301_000000532059_00012_27621_9115.N1	12-JUN-2007 17:43:01	Twilight	52.500	50	13Alp Ari	2.0070	4250.0	105	27621	No
186	GOM_NL__2PRFIN20070612_175805_000000562059_00012_27621_9116.N1	12-JUN-2007 17:58:05	Dark	55.500	52	16Bet Cet	2.0370	4500.0	111	27621	No
187	GOM_NL__2PRFIN20070612_180429_000000512059_00012_27621_9117.N1	12-JUN-2007 18:04:29	Dark	51.000	84	Alp Phe	2.3970	4500.0	102	27621	No
188	GOM_NL__2PRFIN20070612_181032_000000502059_00013_27622_9117.N1	12-JUN-2007 18:10:32	Dark	50.000	63	Bet Gru	2.1500	2800.0	100	27622	No
189	GOM_NL__2PRFIN20070612_181233_000000502059_00013_27622_9118.N1	12-JUN-2007 18:12:33	Dark	50.000	31	Alp Gru	1.7340	15200.	100	27622	No
190	GOM_NL__2PRFIN20070612_181642_000000432059_00013_27622_9119.N1	12-JUN-2007 18:16:42	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	27622	No
191	GOM_NL__2PRFIN20070612_182507_000000502059_00013_27622_9120.N1	12-JUN-2007 18:25:07	Twilight	50.000	40	The Sco	1.8590	7100.0	100	27622	No
192	GOM_NL__2PRFIN20070612_182651_000000442059_00013_27622_9121.N1	12-JUN-2007 18:26:51	Twilight	44.000	25	35Lam Sco	1.6200	28000.	88	27622	No
193	GOM_NL__2PRFIN20070612_182813_000000492059_00013_27622_9122.N1	12-JUN-2007 18:28:13	Twilight	48.500	167	10Gam2Sgr	2.9840	4500.0	97	27622	No
194	GOM_NL__2PRFIN20070612_183336_000000322059_00013_27622_9123.N1	12-JUN-2007 18:33:36	Bright	32.000	86	35Eta Oph	2.4300	10200.	64	27622	No
195	GOM_NL__2PRFIN20070612_200543_000000432059_00014_27623_9128.N1	12-JUN-2007 20:05:43	Twilight	43.000	40	The Sco	1.8590	7100.0	86	27623	No
196	GOM_NL__2PRFIN20070612_200727_000000452059_00014_27623_9129.N1	12-JUN-2007 20:07:27	Twilight	45.000	25	35Lam Sco	1.6200	28000.	90	27623	No
197	GOM_NL__2PRFIN20070612_200849_000000482059_00014_27623_9130.N1	12-JUN-2007 20:08:49	Twilight	47.500	167	10Gam2Sgr	2.9840	4500.0	95	27623	No
198	GOM_NL__2PRFIN20070612_201412_000000412059_00014_27623_9131.N1	12-JUN-2007 20:14:12	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	27623	No
199	GOM_NL__2PRFIN20070612_201557_000000372059_00014_27623_9132.N1	12-JUN-2007 20:15:57	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	27623	No
200	GOM_NL__2PRFIN20070612_202526_000000392059_00014_27623_9133.N1	12-JUN-2007 20:25:26	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	27623	No
201	GOM_NL__2PRFIN20070612_202833_000000382059_00014_27623_9134.N1	12-JUN-2007 20:28:33	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	27623	No
202	GOM_NL__2PRFIN20070612_203532_000000392059_00014_27623_9135.N1	12-JUN-2007 20:35:32	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	27623	No
203	GOM_NL__2PRFIN20070612_205230_000000412059_00014_27623_9136.N1	12-JUN-2007 20:52:30	Bright	40.500	76	27Gam Cas	2.3000	30000.	81	27623	No
204	GOM_NL__2PRFIN20070612_205832_000000442059_00014_27623_9137.N1	12-JUN-2007 20:58:32	Bright	43.500	73	57Gam1And	2.2600	13100.	87	27623	No
205	GOM_NL__2PRFIN20070612_210052_000000532059_00014_27623_9138.N1	12-JUN-2007 21:00:52	Twilight	52.500	53	43Bet And	2.0480	3300.0	105	27623	No
206	GOM_NL__2PRFIN20070612_210414_000000422059_00014_27623_9139.N1	12-JUN-2007 21:04:14	Twilight	42.000	50	13Alp Ari	2.0070	4250.0	84	27623	No
207	GOM_NL__2PRFIN20070612_211919_000000562059_00014_27623_9140.N1	12-JUN-2007 21:19:19	Dark	55.500	52	16Bet Cet	2.0370	4500.0	111	27623	No
208	GOM_NL__2PRFIN20070612_212542_000000432059_00014_27623_9141.N1	12-JUN-2007 21:25:42	Dark	43.000	84	Alp Phe	2.3970	4500.0	86	27623	No
209	GOM_NL__2PRFIN20070612_213145_000000532059_00015_27624_9150.N1	12-JUN-2007 21:31:45	Dark	52.500	63	Bet Gru	2.1500	2800.0	105	27624	No
210	GOM_NL__2PRFIN20070612_213347_000000492059_00015_27624_9151.N1	12-JUN-2007 21:33:47	Dark	49.000	31	Alp Gru	1.7340	15200.	98	27624	No
211	GOM_NL__2PRFIN20070612_213756_000000422059_00015_27624_9152.N1	12-JUN-2007 21:37:56	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	27624	No
212	GOM_NL__2PRFIN20070612_214619_000000462059_00015_27624_9153.N1	12-JUN-2007 21:46:19	Twilight	46.000	40	The Sco	1.8590	7100.0	92	27624	No
213	GOM_NL__2PRFIN20070612_214803_000000452059_00015_27624_9154.N1	12-JUN-2007 21:48:03	Twilight	44.500	25	35Lam Sco	1.6200	28000.	89	27624	No
214	GOM_NL__2PRFIN20070612_214925_000000482059_00015_27624_9155.N1	12-JUN-2007 21:49:25	Twilight	47.500	167	10Gam2Sgr	2.9840	4500.0	95	27624	No
215	GOM_NL__2PRFIN20070612_215448_000000392059_00015_27624_9156.N1	12-JUN-2007 21:54:48	Bright	39.000	86	35Eta Oph	2.4300	10200.	78	27624	No
216	GOM_NL__2PRFIN20070612_215633_000000372059_00015_27624_9157.N1	12-JUN-2007 21:56:33	Bright	37.000	98	13Zet Oph	2.5710	30000.	74	27624	No
217	GOM_NL__2PRFIN20070612_220602_000000392059_00015_27624_9158.N1	12-JUN-2007 22:06:02	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	27624	No
218	GOM_NL__2PRFIN20070612_220909_000000382059_00015_27624_9159.N1	12-JUN-2007 22:09:09	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	27624	No
219	GOM_NL__2PRFIN20070612_221608_000000592059_00015_27624_9160.N1	12-JUN-2007 22:16:08	Bright	58.500	130	23Bet Dra	2.7990	5800.0	117	27624	No

220	GOM_NL__2PRFIN20070612_223306_000000392059_00015_27624_9161.N1	12-JUN-2007 22:33:06	Bright	39.000	76	27Gam Cas	2.3000	30000.	78	27624	No
221	GOM_NL__2PRFIN20070612_223907_000000392059_00015_27624_9162.N1	12-JUN-2007 22:39:07	Bright	39.000	73	57Gam1And	2.2600	13100.	78	27624	No
222	GOM_NL__2PRFIN20070612_224128_000000532059_00015_27624_9163.N1	12-JUN-2007 22:41:28	Twilight	53.000	53	43Bet And	2.0480	3300.0	106	27624	No
223	GOM_NL__2PRFIN20070612_224450_000000522059_00015_27624_9164.N1	12-JUN-2007 22:44:50	Twilight	52.000	50	13Alp Ari	2.0070	4250.0	104	27624	No
224	GOM_NL__2PRFIN20070612_225956_000000562059_00015_27624_9165.N1	12-JUN-2007 22:59:56	Dark	56.000	52	16Bet Cet	2.0370	4500.0	112	27624	No
225	GOM_NL__2PRFIN20070612_230619_000000452059_00015_27624_9166.N1	12-JUN-2007 23:06:19	Dark	45.000	84	Alp Phe	2.3970	4500.0	90	27624	No
226	GOM_NL__2PRFIN20070612_231222_000000662059_00016_27625_9165.N1	12-JUN-2007 23:12:22	Dark	65.500	63	Bet Gru	2.1500	2800.0	131	27625	No
227	GOM_NL__2PRFIN20070612_231424_000000472059_00016_27625_9166.N1	12-JUN-2007 23:14:24	Dark	46.500	31	Alp Gru	1.7340	15200.	93	27625	No
228	GOM_NL__2PRFIN20070612_231832_000000432059_00016_27625_9167.N1	12-JUN-2007 23:18:32	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	27625	No
229	GOM_NL__2PRFIN20070612_232655_000000462059_00016_27625_9168.N1	12-JUN-2007 23:26:55	Twilight	45.500	40	The Sco	1.8590	7100.0	91	27625	No
230	GOM_NL__2PRFIN20070612_232839_000000432059_00016_27625_9169.N1	12-JUN-2007 23:28:39	Twilight	43.000	25	35Lam Sco	1.6200	28000.	86	27625	No
231	GOM_NL__2PRFIN20070612_233002_000000482059_00016_27625_9170.N1	12-JUN-2007 23:30:02	Twilight	48.000	167	10Gam2Sgr	2.9840	4500.0	96	27625	No
232	GOM_NL__2PRFIN20070612_233523_000000402059_00016_27625_9171.N1	12-JUN-2007 23:35:23	Bright	39.500	86	35Eta Oph	2.4300	10200.	79	27625	No
233	GOM_NL__2PRFIN20070612_233709_000000382059_00016_27625_9172.N1	12-JUN-2007 23:37:09	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	27625	No
234	GOM_NL__2PRFIN20070612_234637_000000382059_00016_27625_9173.N1	12-JUN-2007 23:46:37	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	27625	No
235	GOM_NL__2PRFIN20070612_234944_000000372059_00016_27625_9174.N1	12-JUN-2007 23:49:44	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	27625	No
236	GOM_NL__2PRFIN20070612_235643_000000392059_00016_27625_9175.N1	12-JUN-2007 23:56:43	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	27625	No

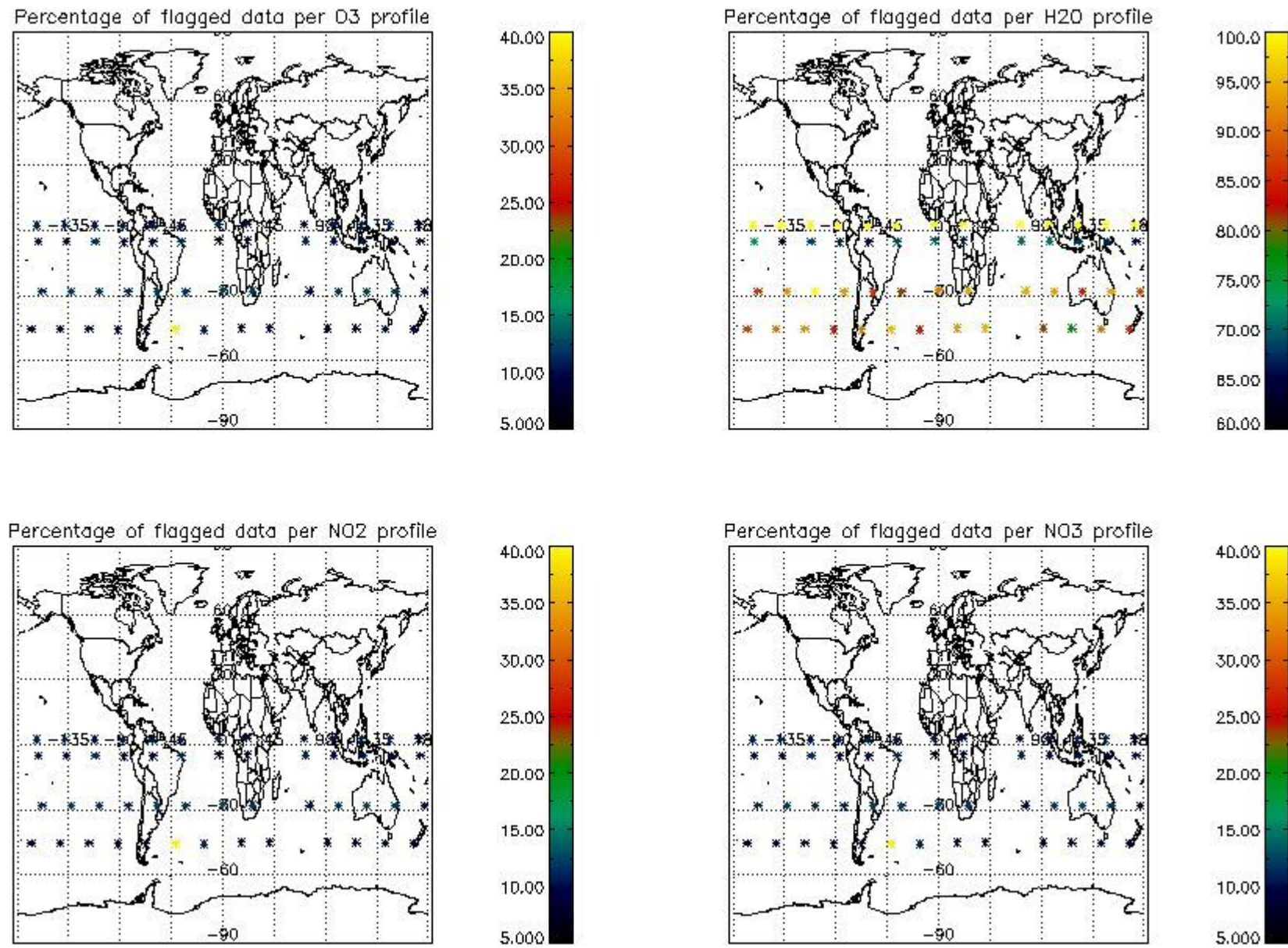
3. Quality information per product

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)

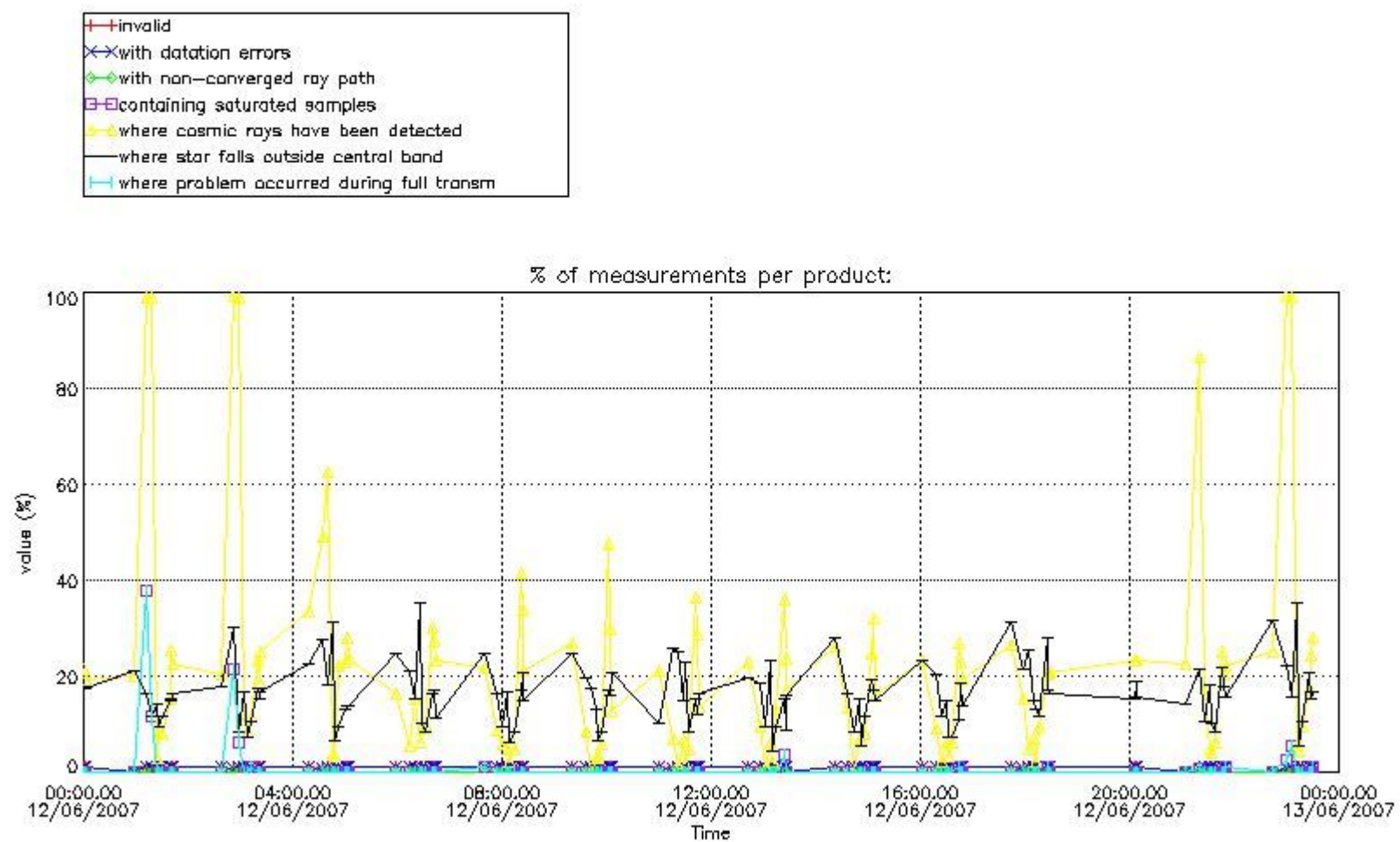


4. Level 1 quality information per product

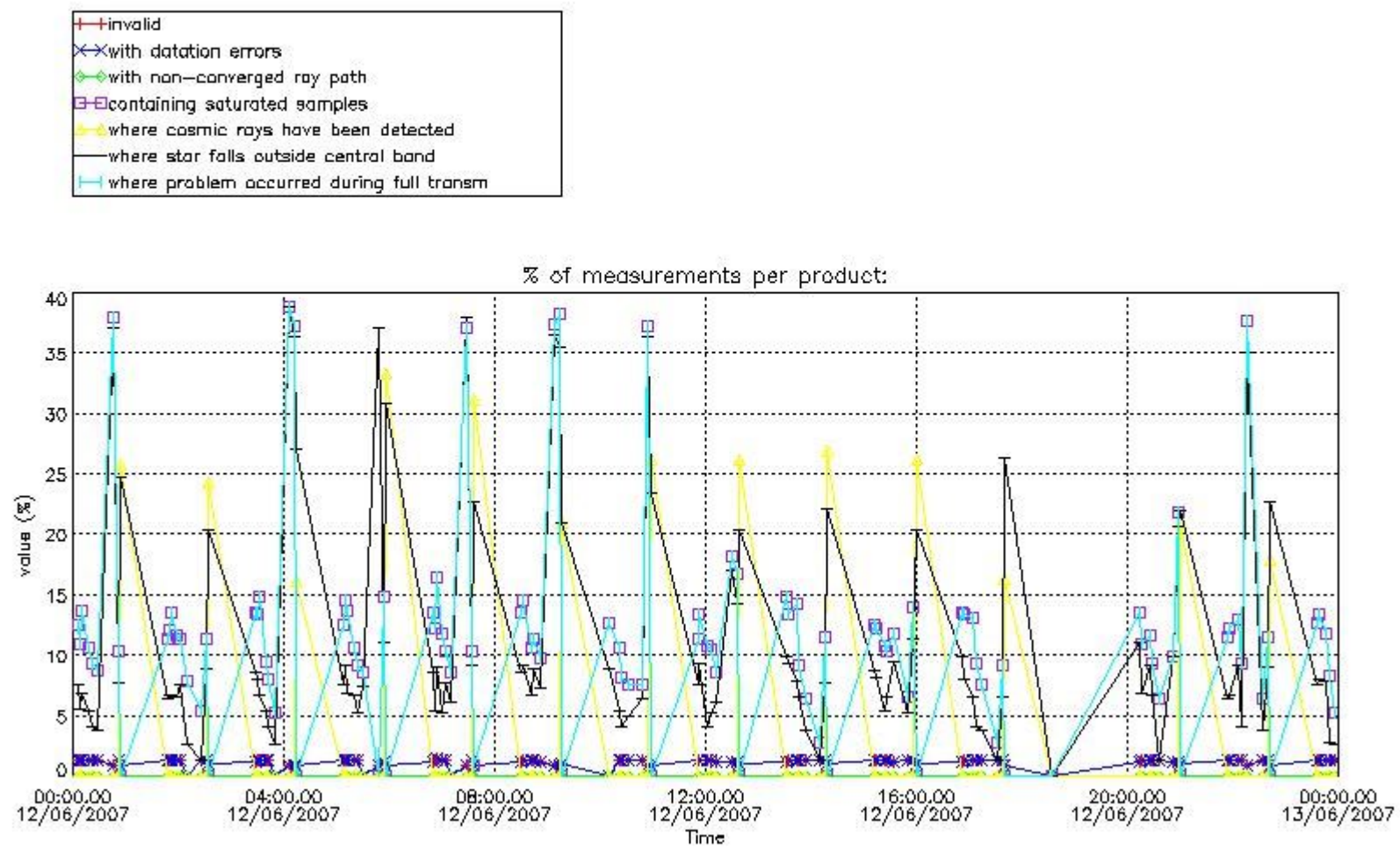
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



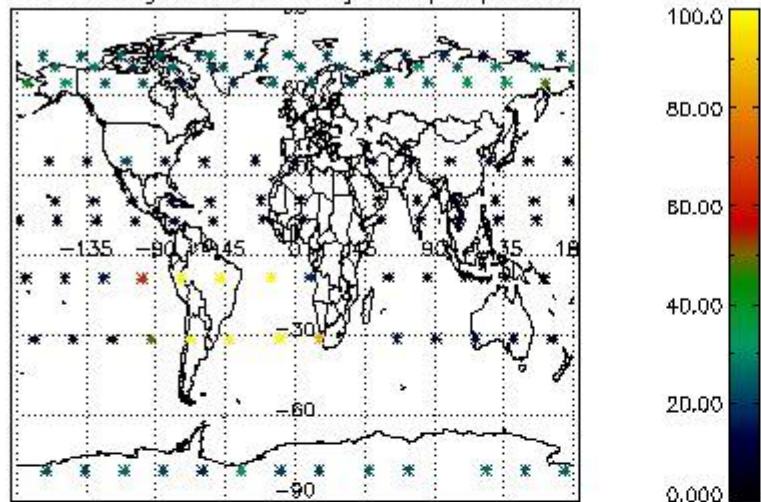
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



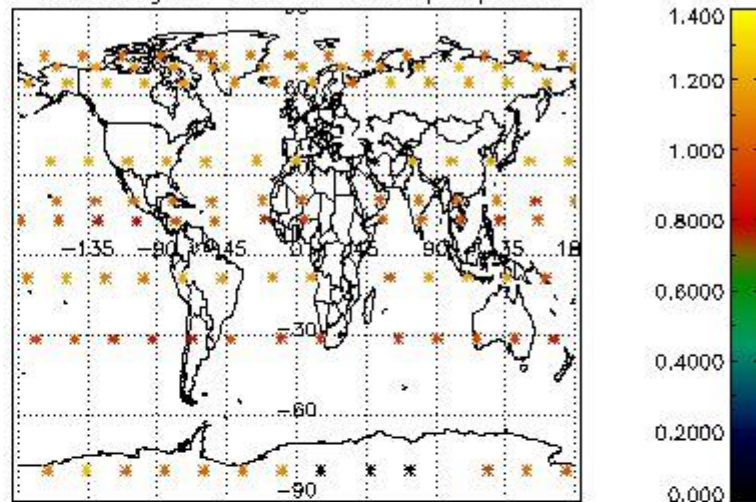
4.2 Plot quality information per product coming from level 1b processing (world map)

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

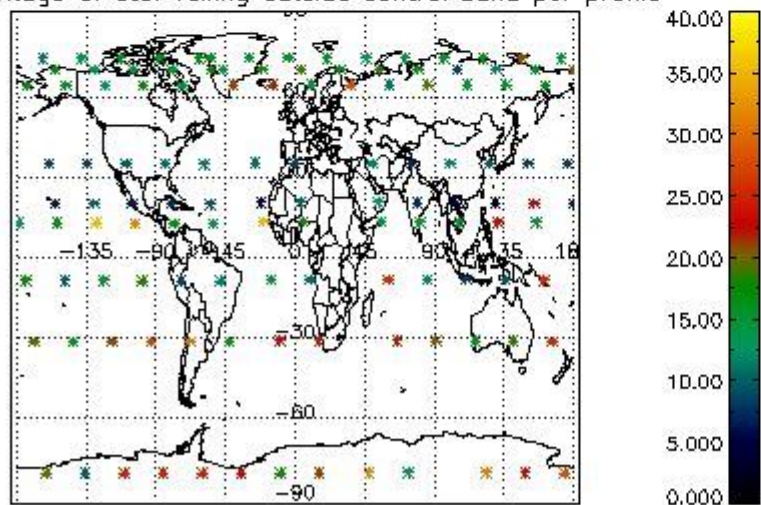
Percentage of cosmic ray hits per profile



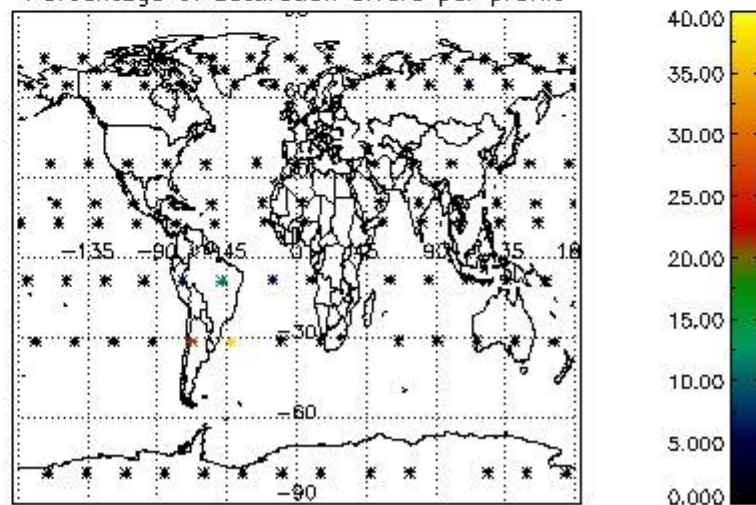
Percentage of datation errors per profile



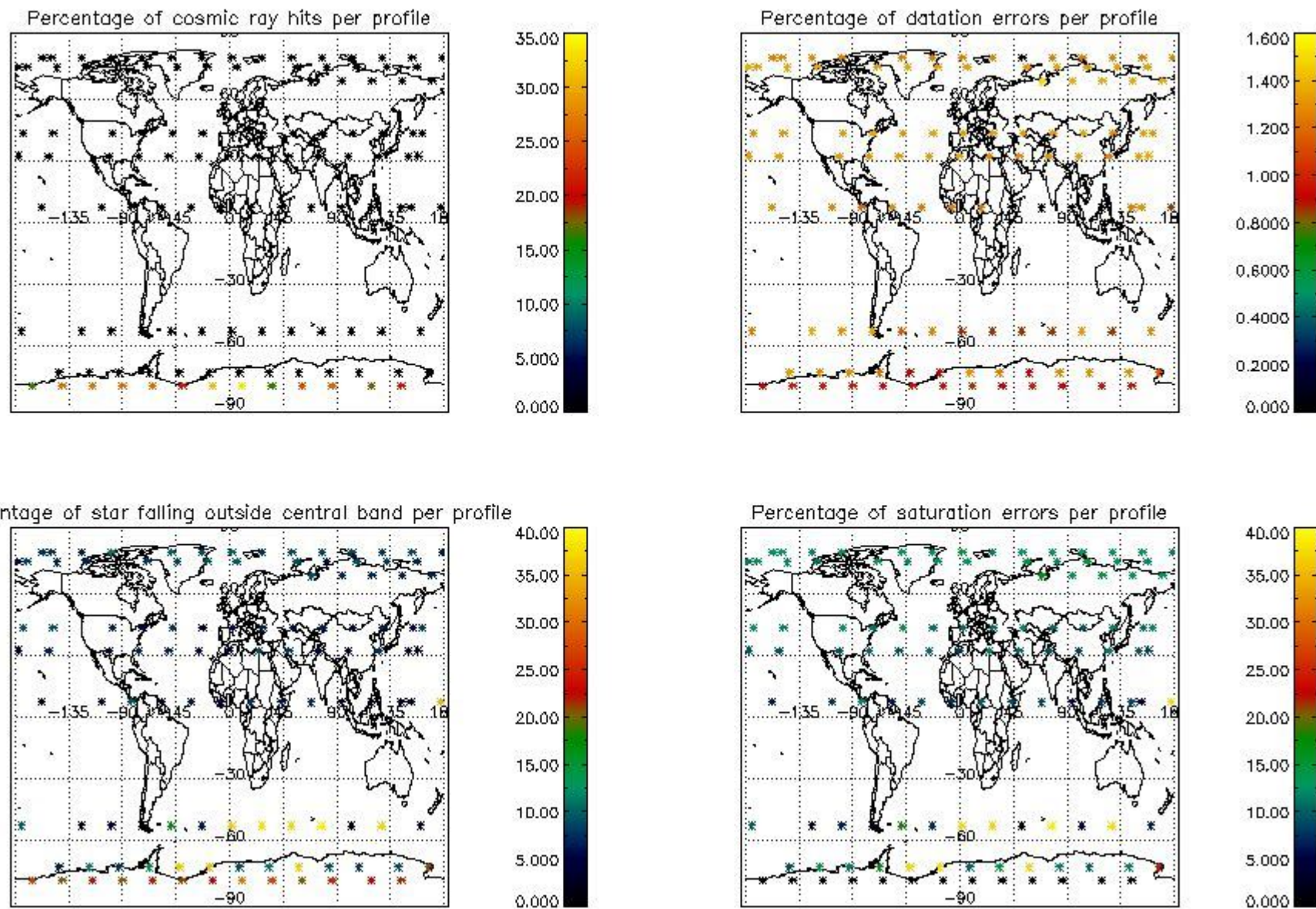
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

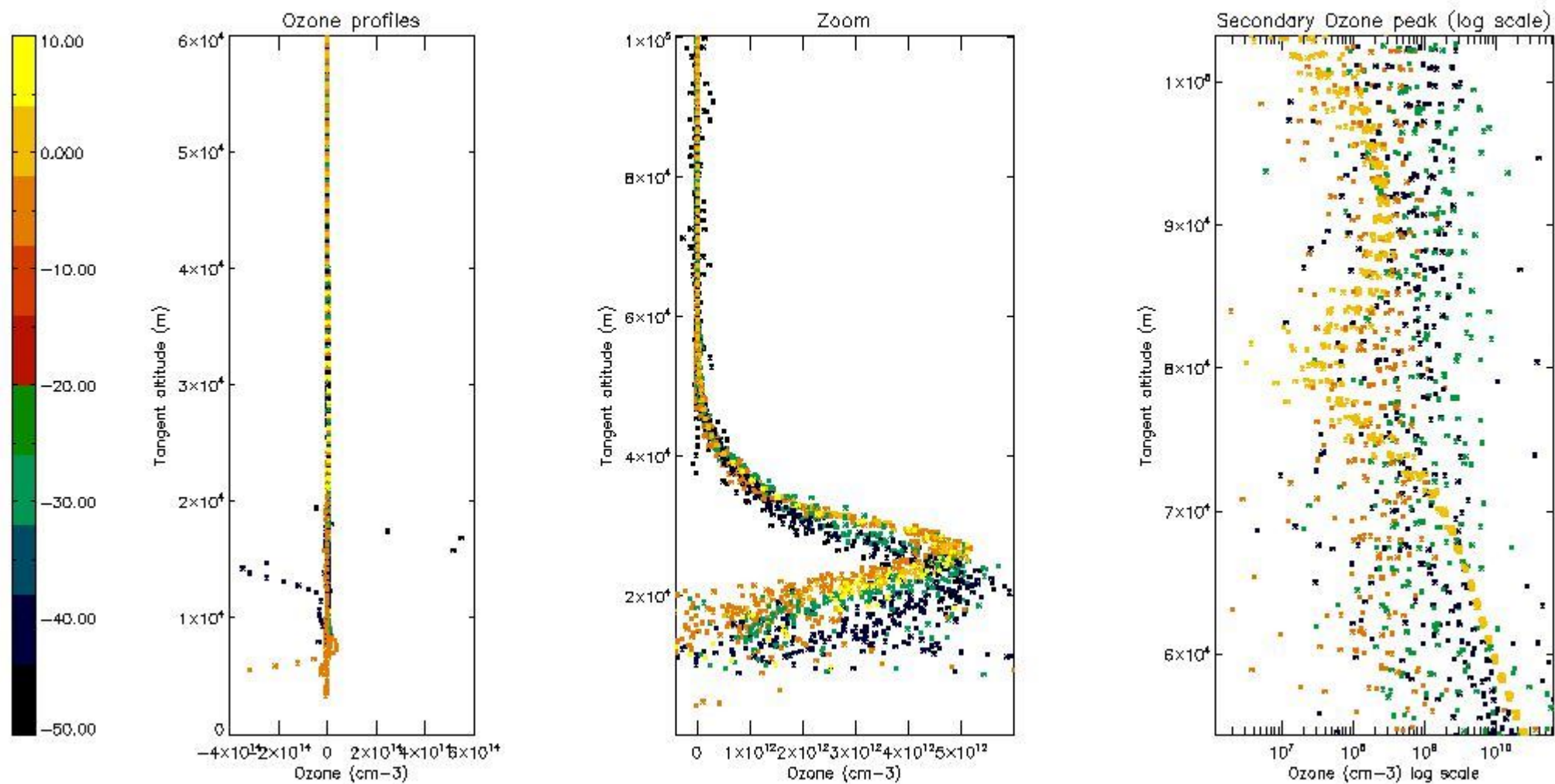
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	26
STD < 20	9

STD < 10	6
STD < 5	3

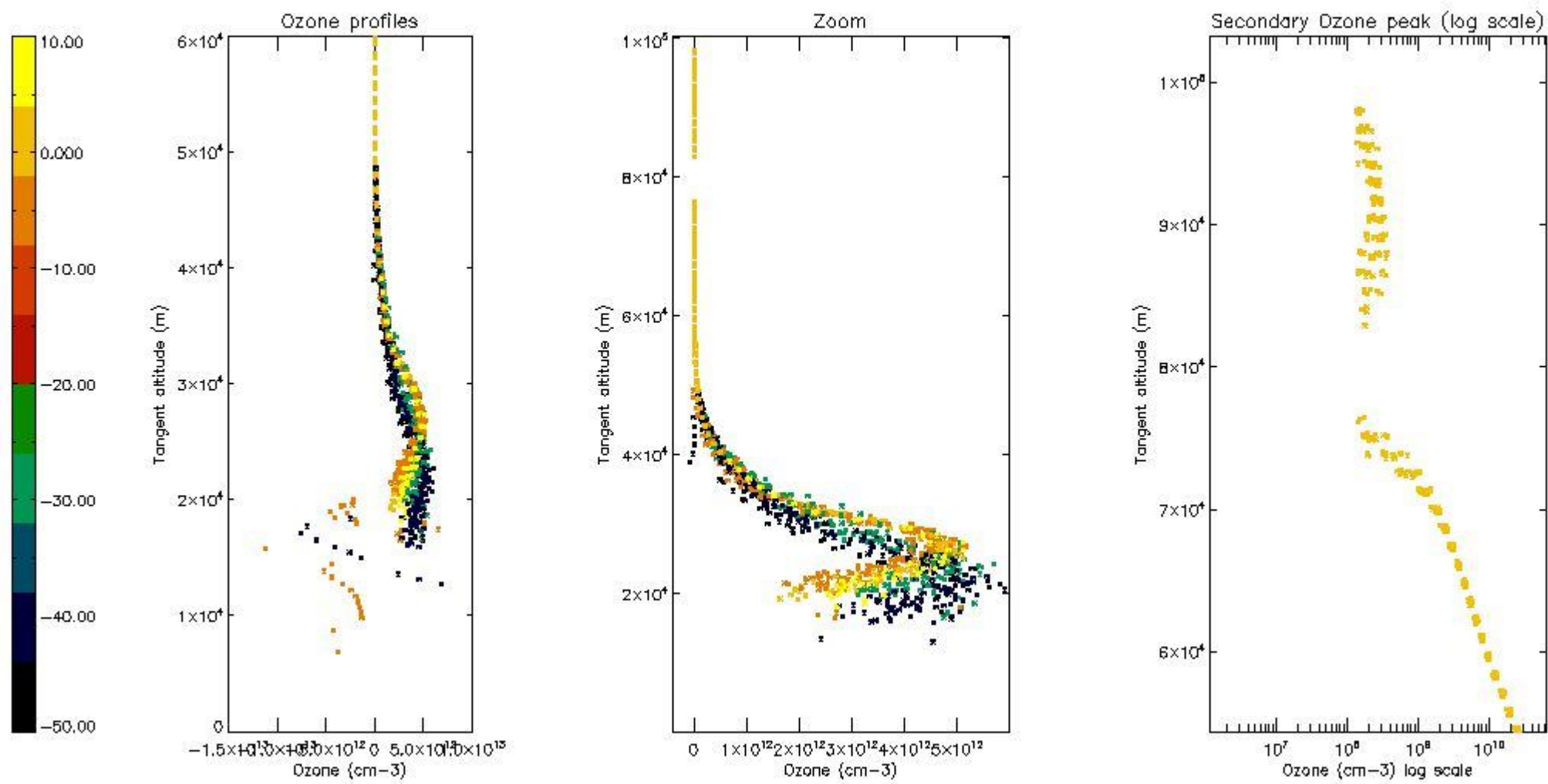
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



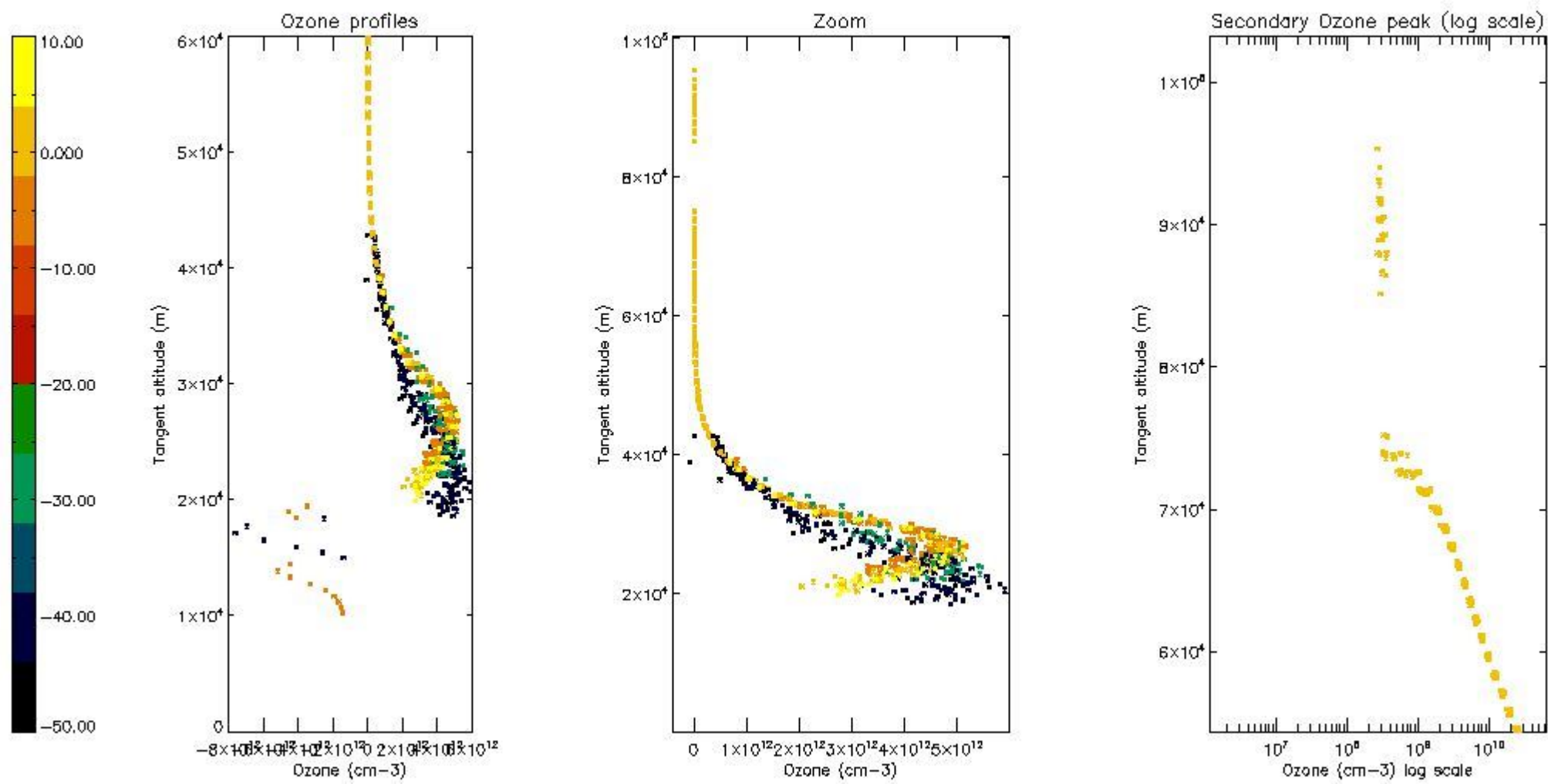
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



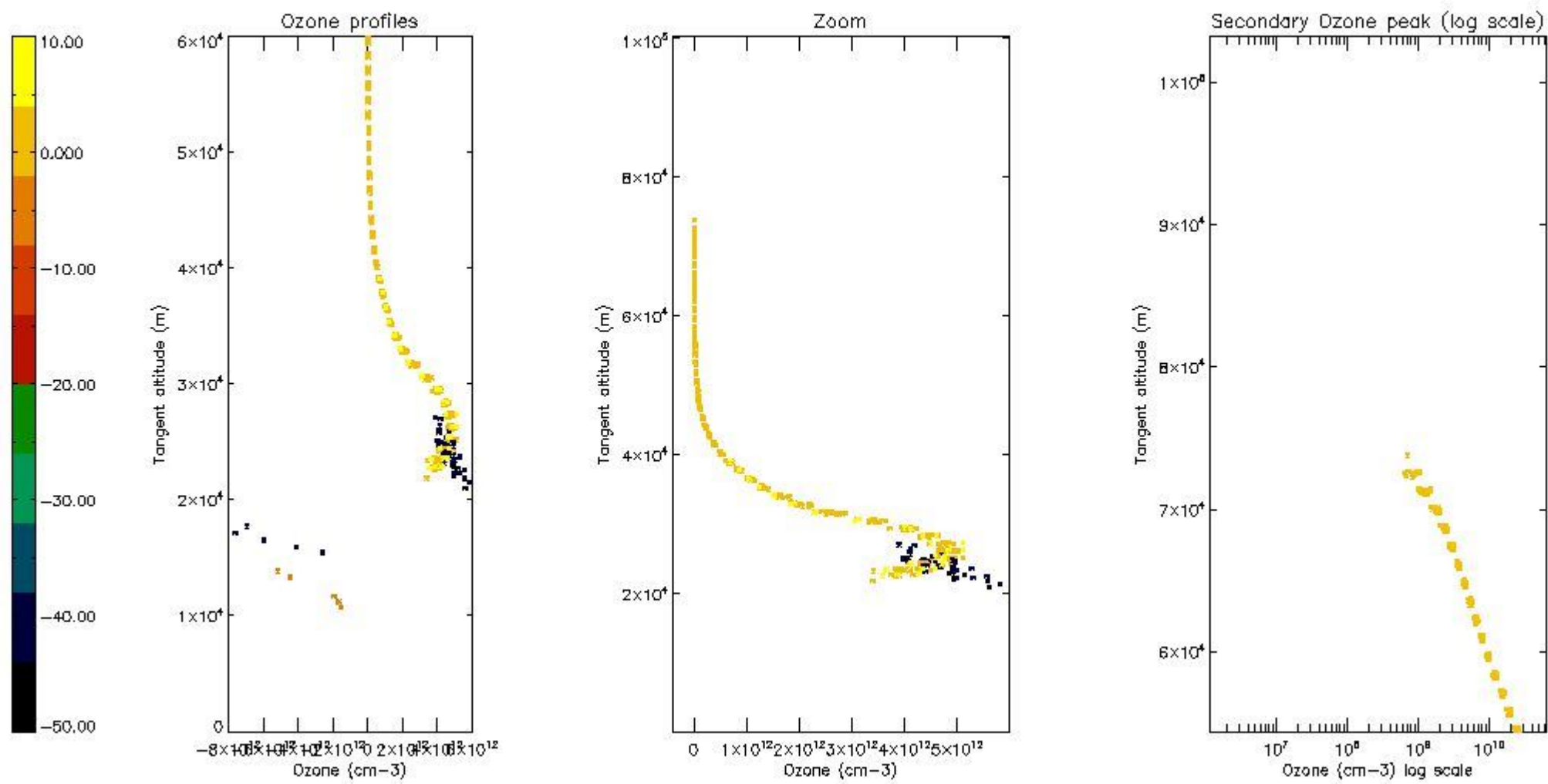
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



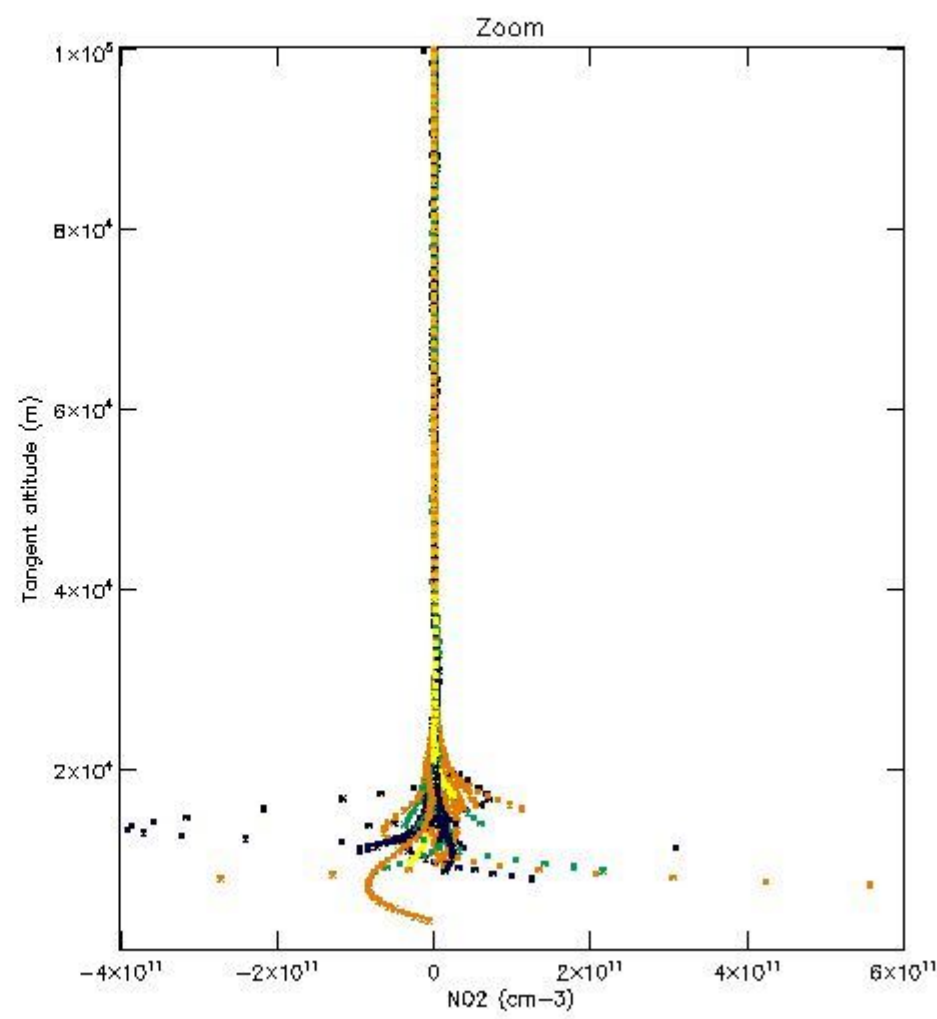
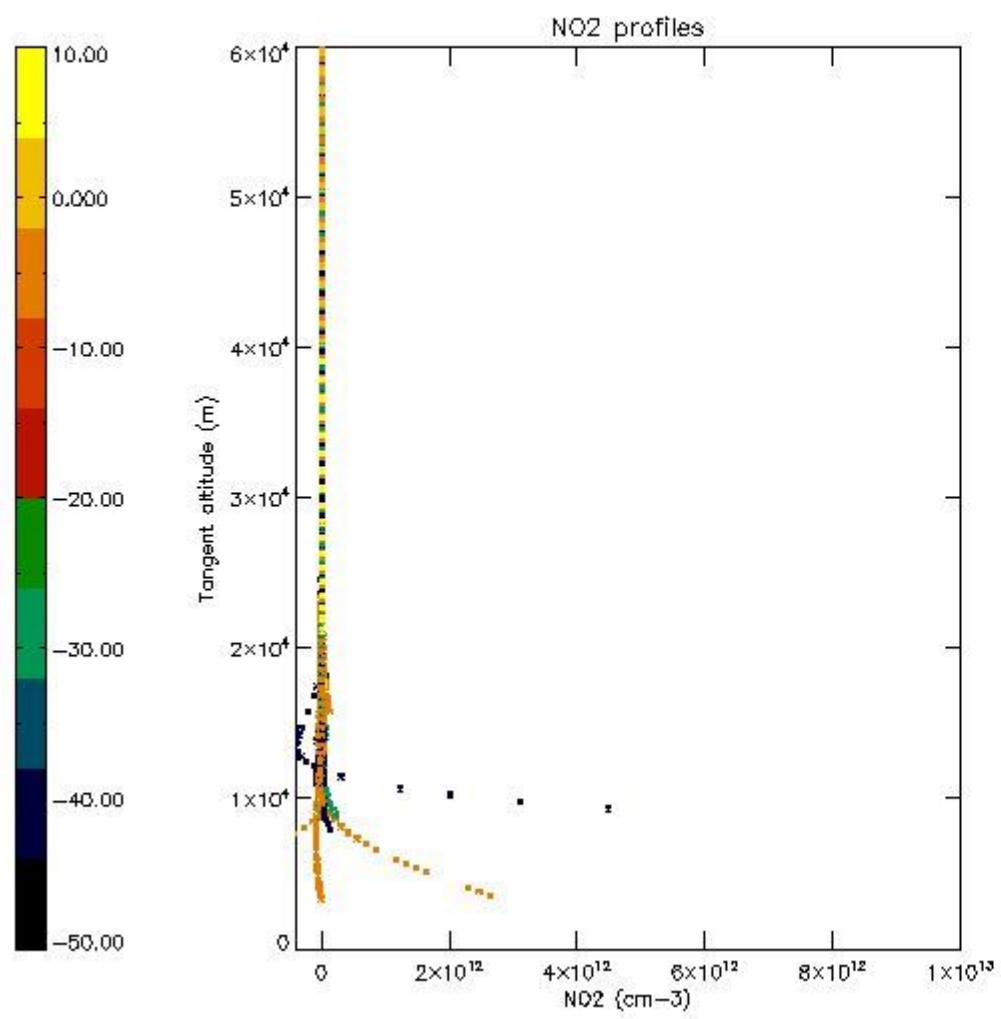
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



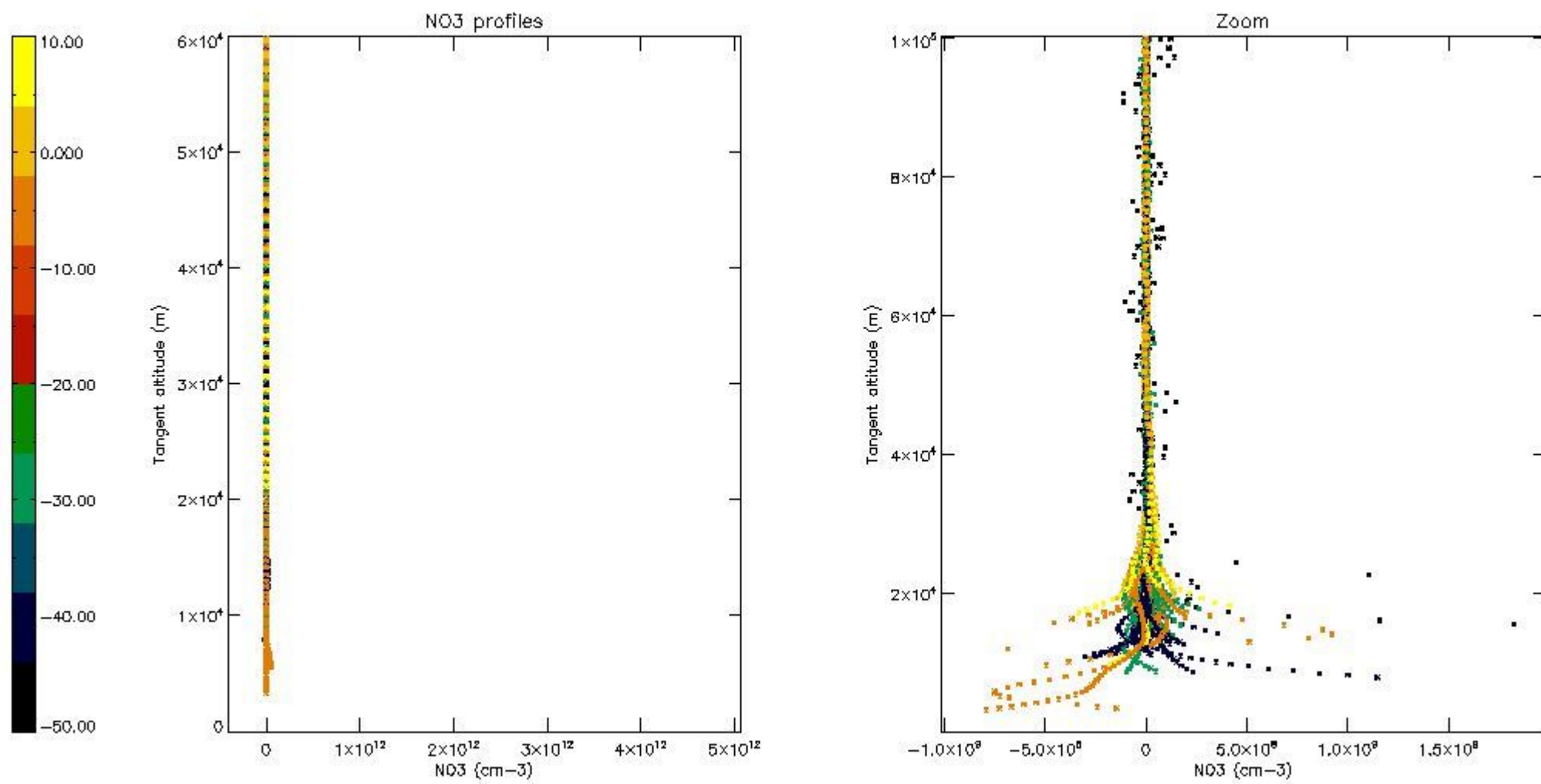
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



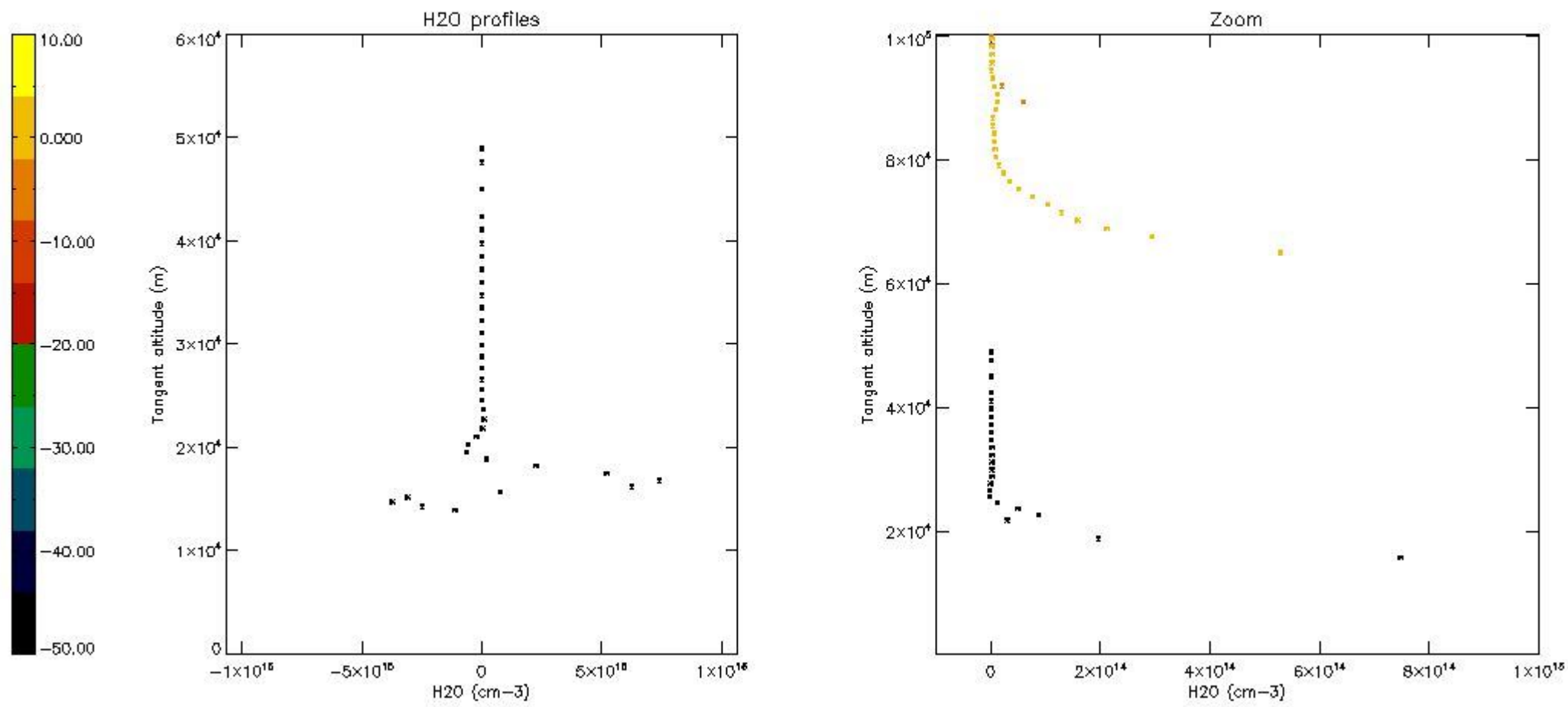
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	12-JUN-2007 00:00:12
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	12-JUN-2007 00:00:12
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	12-JUN-2007 00:00:12

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM_NL__2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	22APR2013 20:40:07
Data source version	GOMOS/6.01
Start time of products	12-06-2007 (12JUN2007 00:00:00)
Stop time of products	13-06-2007 (13JUN2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	236
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__2PRFIN20070612_000012_000000452059_00002_27611_8929.N1	12-JUN-2007 00:00:12	Twilight	44.500	25	35Lam Sco	1.6200	28000.	89	27611	No
2	GOM_NL__2PRFIN20070612_000134_000000492059_00002_27611_8930.N1	12-JUN-2007 00:01:34	Twilight	49.000	167	10Gam2Sgr	2.9840	4500.0	98	27611	No
3	GOM_NL__2PRFIN20070612_000659_000000402059_00002_27611_8931.N1	12-JUN-2007 00:06:59	Bright	40.000	86	35Eta Oph	2.4300	10200.	80	27611	No
4	GOM_NL__2PRFIN20070612_000844_000000372059_00002_27611_8932.N1	12-JUN-2007 00:08:44	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	27611	No
5	GOM_NL__2PRFIN20070612_001051_000000372059_00002_27611_8933.N1	12-JUN-2007 00:10:51	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	27611	No
6	GOM_NL__2PRFIN20070612_001816_000000382059_00002_27611_8934.N1	12-JUN-2007 00:18:16	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	27611	No
7	GOM_NL__2PRFIN20070612_002125_000000382059_00002_27611_8935.N1	12-JUN-2007 00:21:25	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	27611	No
8	GOM_NL__2PRFIN20070612_002826_000000402059_00002_27611_8936.N1	12-JUN-2007 00:28:26	Bright	40.000	130	23Bet Dra	2.7990	5800.0	80	27611	No
9	GOM_NL__2PRFIN20070612_004521_000000582059_00002_27611_8937.N1	12-JUN-2007 00:45:21	Bright	58.000	76	27Gam Cas	2.3000	30000.	116	27611	No
10	GOM_NL__2PRFIN20070612_005120_000000392059_00002_27611_8938.N1	12-JUN-2007 00:51:20	Bright	39.000	73	57Gam1And	2.2600	13100.	78	27611	No
11	GOM_NL__2PRFIN20070612_005340_000000552059_00002_27611_8939.N1	12-JUN-2007 00:53:40	Twilight	54.500	53	43Bet And	2.0480	3300.0	109	27611	No
12	GOM_NL__2PRFIN20070612_005700_000000452059_00002_27611_8940.N1	12-JUN-2007 00:57:00	Twilight	45.000	50	13Alp Ari	2.0070	4250.0	90	27611	No
13	GOM_NL__2PRFIN20070612_011157_000000522059_00002_27611_8941.N1	12-JUN-2007 01:11:57	Dark	51.500	52	16Bet Cet	2.0370	4500.0	103	27611	No
14	GOM_NL__2PRFIN20070612_011822_000000432059_00002_27611_8942.N1	12-JUN-2007 01:18:22	Dark	43.000	84	Alp Phe	2.3970	4500.0	86	27611	No
15	GOM_NL__2PRFIN20070612_012423_000000502059_00003_27612_8941.N1	12-JUN-2007 01:24:23	Dark	49.500	63	Bet Gru	2.1500	2800.0	99	27612	No
16	GOM_NL__2PRFIN20070612_012624_000000482059_00003_27612_8942.N1	12-JUN-2007 01:26:24	Dark	48.000	31	Alp Gru	1.7340	15200.	96	27612	No
17	GOM_NL__2PRFIN20070612_013037_000000432059_00003_27612_8943.N1	12-JUN-2007 01:30:37	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	27612	No
18	GOM_NL__2PRFIN20070612_013904_000000432059_00003_27612_8944.N1	12-JUN-2007 01:39:04	Straylight	43.000	40	The Sco	1.8590	7100.0	86	27612	No
19	GOM_NL__2PRFIN20070612_014048_000000442059_00003_27612_8945.N1	12-JUN-2007 01:40:48	Twilight	43.500	25	35Lam Sco	1.6200	28000.	87	27612	No
20	GOM_NL__2PRFIN20070612_014210_000000492059_00003_27612_8946.N1	12-JUN-2007 01:42:10	Twilight	48.500	167	10Gam2Sgr	2.9840	4500.0	97	27612	No
21	GOM_NL__2PRFIN20070612_014735_000000402059_00003_27612_8947.N1	12-JUN-2007 01:47:35	Bright	39.500	86	35Eta Oph	2.4300	10200.	79	27612	No
22	GOM_NL__2PRFIN20070612_014920_000000382059_00003_27612_8948.N1	12-JUN-2007 01:49:20	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	27612	No
23	GOM_NL__2PRFIN20070612_015127_000000372059_00003_27612_8949.N1	12-JUN-2007 01:51:27	Bright	37.000	120	1Del Oph	2.7340	3200.0	74	27612	No
24	GOM_NL__2PRFIN20070612_015852_000000392059_00003_27612_8950.N1	12-JUN-2007 01:58:52	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	27612	No
25	GOM_NL__2PRFIN20070612_020200_000000402059_00003_27612_8951.N1	12-JUN-2007 02:02:00	Bright	39.500	133	40Zet Her	2.8070	6000.0	79	27612	No
26	GOM_NL__2PRFIN20070612_020902_000000392059_00003_27612_8952.N1	12-JUN-2007 02:09:02	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	27612	No
27	GOM_NL__2PRFIN20070612_022557_000000382059_00003_27612_8953.N1	12-JUN-2007 02:25:57	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	27612	No
28	GOM_NL__2PRFIN20070612_023155_000000402059_00003_27612_8954.N1	12-JUN-2007 02:31:55	Bright	39.500	73	57Gam1And	2.2600	13100.	79	27612	No
29	GOM_NL__2PRFIN20070612_023416_000000522059_00003_27612_8955.N1	12-JUN-2007 02:34:16	Twilight	51.500	53	43Bet And	2.0480	3300.0	103	27612	No
30	GOM_NL__2PRFIN20070612_023736_000000452059_00003_27612_8956.N1	12-JUN-2007 02:37:36	Twilight	44.500	50	13Alp Ari	2.0070	4250.0	89	27612	No
31	GOM_NL__2PRFIN20070612_025233_000000612059_00003_27612_8957.N1	12-JUN-2007 02:52:33	Dark	61.000	52	16Bet Cet	2.0370	4500.0	122	27612	No
32	GOM_NL__2PRFIN20070612_025859_000000422059_00003_27612_8958.N1	12-JUN-2007 02:58:59	Dark	41.500	84	Alp Phe	2.3970	4500.0	83	27612	No
33	GOM_NL__2PRFIN20070612_030459_000000512059_00004_27613_8953.N1	12-JUN-2007 03:04:59	Dark	51.000	63	Bet Gru	2.1500	2800.0	102	27613	No
34	GOM_NL__2PRFIN20070612_030701_000000482059_00004_27613_8954.N1	12-JUN-2007 03:07:01	Dark	47.500	31	Alp Gru	1.7340	15200.	95	27613	No
35	GOM_NL__2PRFIN20070612_031113_000000432059_00004_27613_8955.N1	12-JUN-2007 03:11:13	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	27613	No
36	GOM_NL__2PRFIN20070612_031940_000000432059_00004_27613_8956.N1	12-JUN-2007 03:19:40	Twilight	43.000	40	The Sco	1.8590	7100.0	86	27613	No
37	GOM_NL__2PRFIN20070612_032124_000000432059_00004_27613_8957.N1	12-JUN-2007 03:21:24	Twilight	43.000	25	35Lam Sco	1.6200	28000.	86	27613	No
38	GOM_NL__2PRFIN20070612_032246_000000482059_00004_27613_8958.N1	12-JUN-2007 03:22:46	Twilight	48.000	167	10Gam2Sgr	2.9840	4500.0	96	27613	No
39	GOM_NL__2PRFIN20070612_032811_000000412059_00004_27613_8959.N1	12-JUN-2007 03:28:11	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	27613	No
40	GOM_NL__2PRFIN20070612_032956_000000382059_00004_27613_8960.N1	12-JUN-2007 03:29:56	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	27613	No
41	GOM_NL__2PRFIN20070612_033203_000000372059_00004_27613_8961.N1	12-JUN-2007 03:32:03	Bright	37.000	120	1Del Oph	2.7340	3200.0	74	27613	No
42	GOM_NL__2PRFIN20070612_033928_000000372059_00004_27613_8962.N1	12-JUN-2007 03:39:28	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	27613	No

43	GOM_NL__2PRFIN20070612_034236_000000382059_00004_27613_8963.N1	12-JUN-2007 03:42:36	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	27613	No
44	GOM_NL__2PRFIN20070612_034937_000000392059_00004_27613_8964.N1	12-JUN-2007 03:49:37	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	27613	No
45	GOM_NL__2PRFIN20070612_040632_000000582059_00004_27613_8965.N1	12-JUN-2007 04:06:32	Bright	58.000	76	27Gam Cas	2.3000	30000.	116	27613	No
46	GOM_NL__2PRFIN20070612_041232_000000552059_00004_27613_8966.N1	12-JUN-2007 04:12:32	Bright	55.000	73	57Gam1And	2.2600	13100.	110	27613	No
47	GOM_NL__2PRFIN20070612_041452_000000562059_00004_27613_8967.N1	12-JUN-2007 04:14:52	Twilight	55.500	53	43Bet And	2.0480	3300.0	111	27613	No
48	GOM_NL__2PRFIN20070612_041812_000000472059_00004_27613_8968.N1	12-JUN-2007 04:18:12	Twilight	46.500	50	13Alp Ari	2.0070	4250.0	93	27613	No
49	GOM_NL__2PRFIN20070612_043310_000000602059_00004_27613_8969.N1	12-JUN-2007 04:33:10	Dark	60.000	52	16Bet Cet	2.0370	4500.0	120	27613	No
50	GOM_NL__2PRFIN20070612_043935_000000472059_00004_27613_8970.N1	12-JUN-2007 04:39:35	Dark	46.500	84	Alp Phe	2.3970	4500.0	93	27613	No
51	GOM_NL__2PRFIN20070612_044536_000000622059_00005_27614_8994.N1	12-JUN-2007 04:45:36	Dark	62.000	63	Bet Gru	2.1500	2800.0	124	27614	No
52	GOM_NL__2PRFIN20070612_044738_000000472059_00005_27614_8995.N1	12-JUN-2007 04:47:38	Dark	47.000	31	Alp Gru	1.7340	15200.	94	27614	No
53	GOM_NL__2PRFIN20070612_045150_000000432059_00005_27614_8996.N1	12-JUN-2007 04:51:50	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	27614	No
54	GOM_NL__2PRFIN20070612_050017_000000422059_00005_27614_8997.N1	12-JUN-2007 05:00:17	Twilight	41.500	40	The Sco	1.8590	7100.0	83	27614	No
55	GOM_NL__2PRFIN20070612_050201_000000432059_00005_27614_8998.N1	12-JUN-2007 05:02:01	Twilight	43.000	25	35Lam Sco	1.6200	28000.	86	27614	No
56	GOM_NL__2PRFIN20070612_050323_000000472059_00005_27614_8999.N1	12-JUN-2007 05:03:23	Twilight	46.500	167	10Gam2Sgr	2.9840	4500.0	93	27614	No
57	GOM_NL__2PRFIN20070612_050847_000000402059_00005_27614_9000.N1	12-JUN-2007 05:08:47	Bright	40.000	86	35Eta Oph	2.4300	10200.	80	27614	No
58	GOM_NL__2PRFIN20070612_051033_000000382059_00005_27614_9001.N1	12-JUN-2007 05:10:33	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	27614	No
59	GOM_NL__2PRFIN20070612_051239_000000372059_00005_27614_9002.N1	12-JUN-2007 05:12:39	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	27614	No
60	GOM_NL__2PRFIN20070612_052004_000000382059_00005_27614_9003.N1	12-JUN-2007 05:20:04	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	27614	No
61	GOM_NL__2PRFIN20070612_052312_000000382059_00005_27614_9004.N1	12-JUN-2007 05:23:12	Bright	38.000	133	40Zet Her	2.8070	6000.0	76	27614	No
62	GOM_NL__2PRFIN20070612_053013_000000412059_00005_27614_9005.N1	12-JUN-2007 05:30:13	Bright	40.500	130	23Bet Dra	2.7990	5800.0	81	27614	No
63	GOM_NL__2PRFIN20070612_054708_000000582059_00005_27614_9006.N1	12-JUN-2007 05:47:08	Bright	58.000	76	27Gam Cas	2.3000	30000.	116	27614	No
64	GOM_NL__2PRFIN20070612_055308_000000412059_00005_27614_9007.N1	12-JUN-2007 05:53:08	Bright	40.500	73	57Gam1And	2.2600	13100.	81	27614	No
65	GOM_NL__2PRFIN20070612_055528_000000592059_00005_27614_9008.N1	12-JUN-2007 05:55:28	Twilight	58.500	53	43Bet And	2.0480	3300.0	117	27614	No
66	GOM_NL__2PRFIN20070612_055848_000000492059_00005_27614_9009.N1	12-JUN-2007 05:58:48	Twilight	48.500	50	13Alp Ari	2.0070	4250.0	97	27614	No
67	GOM_NL__2PRFIN20070612_061347_000000552059_00005_27614_9010.N1	12-JUN-2007 06:13:47	Dark	55.000	52	16Bet Cet	2.0370	4500.0	110	27614	No
68	GOM_NL__2PRFIN20070612_062012_000000462059_00005_27614_9011.N1	12-JUN-2007 06:20:12	Dark	45.500	84	Alp Phe	2.3970	4500.0	91	27614	No
69	GOM_NL__2PRFIN20070612_062613_000000652059_00006_27615_9005.N1	12-JUN-2007 06:26:13	Dark	65.000	63	Bet Gru	2.1500	2800.0	130	27615	No
70	GOM_NL__2PRFIN20070612_062815_000000492059_00006_27615_9006.N1	12-JUN-2007 06:28:15	Dark	49.000	31	Alp Gru	1.7340	15200.	98	27615	No
71	GOM_NL__2PRFIN20070612_063227_000000422059_00006_27615_9007.N1	12-JUN-2007 06:32:27	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	27615	No
72	GOM_NL__2PRFIN20070612_064053_000000432059_00006_27615_9008.N1	12-JUN-2007 06:40:53	Twilight	43.000	40	The Sco	1.8590	7100.0	86	27615	No
73	GOM_NL__2PRFIN20070612_064237_000000442059_00006_27615_9009.N1	12-JUN-2007 06:42:37	Twilight	44.000	25	35Lam Sco	1.6200	28000.	88	27615	No
74	GOM_NL__2PRFIN20070612_064359_000000452059_00006_27615_9010.N1	12-JUN-2007 06:43:59	Twilight	45.000	167	10Gam2Sgr	2.9840	4500.0	90	27615	No
75	GOM_NL__2PRFIN20070612_064923_000000412059_00006_27615_9011.N1	12-JUN-2007 06:49:23	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	27615	No
76	GOM_NL__2PRFIN20070612_065109_000000372059_00006_27615_9012.N1	12-JUN-2007 06:51:09	Bright	37.000	98	13Zet Oph	2.5710	30000.	74	27615	No
77	GOM_NL__2PRFIN20070612_065319_000000342059_00006_27615_9013.N1	12-JUN-2007 06:53:19	Bright	33.500	120	1Del Oph	2.7340	3200.0	67	27615	No
78	GOM_NL__2PRFIN20070612_070040_000000382059_00006_27615_9014.N1	12-JUN-2007 07:00:40	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	27615	No
79	GOM_NL__2PRFIN20070612_070348_000000392059_00006_27615_9015.N1	12-JUN-2007 07:03:48	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	27615	No
80	GOM_NL__2PRFIN20070612_071048_000000412059_00006_27615_9016.N1	12-JUN-2007 07:10:48	Bright	40.500	130	23Bet Dra	2.7990	5800.0	81	27615	No
81	GOM_NL__2PRFIN20070612_072744_000000582059_00006_27615_9017.N1	12-JUN-2007 07:27:44	Bright	58.000	76	27Gam Cas	2.3000	30000.	116	27615	No
82	GOM_NL__2PRFIN20070612_073344_000000392059_00006_27615_9018.N1	12-JUN-2007 07:33:44	Bright	38.500	73	57Gam1And	2.2600	13100.	77	27615	No
83	GOM_NL__2PRFIN20070612_073604_000000532059_00006_27615_9019.N1	12-JUN-2007 07:36:04	Twilight	53.000	53	43Bet And	2.0480	3300.0	106	27615	No
84	GOM_NL__2PRFIN20070612_073924_000000492059_00006_27615_9020.N1	12-JUN-2007 07:39:24	Twilight	48.500	50	13Alp Ari	2.0070	4250.0	97	27615	No
85	GOM_NL__2PRFIN20070612_075424_000000522059_00006_27615_9021.N1	12-JUN-2007 07:54:24	Dark	51.500	52	16Bet Cet	2.0370	4500.0	103	27615	No
86	GOM_NL__2PRFIN20070612_080049_000000432059_00006_27615_9022.N1	12-JUN-2007 08:00:49	Dark	42.500	84	Alp Phe	2.3970	4500.0	85	27615	No
87	GOM_NL__2PRFIN20070612_080650_000000512059_00007_27616_9021.N1	12-JUN-2007 08:06:50	Dark	51.000	63	Bet Gru	2.1500	2800.0	102	27616	No
88	GOM_NL__2PRFIN20070612_080852_000000482059_00007_27616_9022.N1	12-JUN-2007 08:08:52	Dark	47.500	31	Alp Gru	1.7340	15200.	95	27616	No
89	GOM_NL__2PRFIN20070612_081303_000000422059_00007_27616_9023.N1	12-JUN-2007 08:13:03	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	27616	No
90	GOM_NL__2PRFIN20070612_082129_000000442059_00007_27616_9024.N1	12-JUN-2007 08:21:29	Twilight	43.500	40	The Sco	1.8590	7100.0	87	27616	No
91	GOM_NL__2PRFIN20070612_082313_000000462059_00007_27616_9025.N1	12-JUN-2007 08:23:13	Twilight	46.000	25	35Lam Sco	1.6200	28000.	92	27616	No
92	GOM_NL__2PRFIN20070612_082435_000000482059_00007_27616_9026.N1	12-JUN-2007 08:24:35	Twilight	47.500	167	10Gam2Sgr	2.9840	4500.0	95	27616	No
93	GOM_NL__2PRFIN20070612_082959_000000412059_00007_27616_9027.N1	12-JUN-2007 08:29:59	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	27616	No
94	GOM_NL__2PRFIN20070612_083145_000000382059_00007_27616_9028.N1	12-JUN-2007 08:31:45	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	27616	No
95	GOM_NL__2PRFIN20070612_084115_000000382059_00007_27616_9029.N1	12-JUN-2007 08:41:15	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	27616	No
96	GOM_NL__2PRFIN20070612_084423_000000402059_00007_27616_9030.N1	12-JUN-2007 08:44:23	Bright	39.500	133	40Zet Her	2.8070	6000.0	79	27616	No
97	GOM_NL__2PRFIN20070612_085124_000000412059_00007_27616_9031.N1	12-JUN-2007 08:51:24	Bright	41.000	130	23Bet Dra	2.7990	5800.0	82	27616	No
98	GOM_NL__2PRFIN20070612_090820_000000582059_00007_27616_9032.N1	12-JUN-2007 09:08:20	Bright	57.500	76	27Gam Cas	2.3000	30000.	115	27616	No
99	GOM_NL__2PRFIN20070612_091420_000000552059_00007_27616_9033.N1	12-JUN-2007 09:14:20	Bright	55.000	73	57Gam1And	2.2600	13100.	110	27616	No
100	GOM_NL__2PRFIN20070612_091640_000000532059_00007_27616_9034.N1	12-JUN-2007 09:16:40	Twilight	52.500	53	43Bet And	2.0480	3300.0	105	27616	No
101	GOM_NL__2PRFIN20070612_092000_000000492059_00007_27616_9035.N1	12-JUN-2007 09:20:00	Twilight	48.500	50	13Alp Ari	2.0070	4250.0	97	27616	No

102	GOM_NL__2PRFIN20070612_093501_000000532059_00007_27616_9036.N1	12-JUN-2007 09:35:01	Dark	53.000	52	16Bet Cet	2.0370	4500.0	106	27616	No
103	GOM_NL__2PRFIN20070612_094126_000000462059_00007_27616_9037.N1	12-JUN-2007 09:41:26	Dark	46.000	84	Alp Phe	2.3970	4500.0	92	27616	No
104	GOM_NL__2PRFIN20070612_094727_000000502059_00008_27617_9037.N1	12-JUN-2007 09:47:27	Dark	49.500	63	Bet Gru	2.1500	2800.0	99	27617	No
105	GOM_NL__2PRFIN20070612_094929_000000472059_00008_27617_9038.N1	12-JUN-2007 09:49:29	Dark	46.500	31	Alp Gru	1.7340	15200.	93	27617	No
106	GOM_NL__2PRFIN20070612_095340_000000422059_00008_27617_9039.N1	12-JUN-2007 09:53:40	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	27617	No
107	GOM_NL__2PRFIN20070612_100205_000000442059_00008_27617_9040.N1	12-JUN-2007 10:02:05	Twi_and_stray	44.000	40	The Sco	1.8590	7100.0	88	27617	No
108	GOM_NL__2PRFIN20070612_100349_000000442059_00008_27617_9041.N1	12-JUN-2007 10:03:49	Twi_and_stray	43.500	25	35Lam Sco	1.6200	28000.	87	27617	No
109	GOM_NL__2PRFIN20070612_100512_000000512059_00008_27617_9042.N1	12-JUN-2007 10:05:12	Twi_and_stray	50.500	167	10Gam2Sgr	2.9840	4500.0	101	27617	No
110	GOM_NL__2PRFIN20070612_101035_000000402059_00008_27617_9043.N1	12-JUN-2007 10:10:35	Bright	39.500	86	35Eta Oph	2.4300	10200.	79	27617	No
111	GOM_NL__2PRFIN20070612_102151_000000382059_00008_27617_9044.N1	12-JUN-2007 10:21:51	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	27617	No
112	GOM_NL__2PRFIN20070612_102459_000000372059_00008_27617_9045.N1	12-JUN-2007 10:24:59	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	27617	No
113	GOM_NL__2PRFIN20070612_103159_000000402059_00008_27617_9046.N1	12-JUN-2007 10:31:59	Bright	40.000	130	23Bet Dra	2.7990	5800.0	80	27617	No
114	GOM_NL__2PRFIN20070612_104855_000000402059_00008_27617_9047.N1	12-JUN-2007 10:48:55	Bright	39.500	76	27Gam Cas	2.3000	30000.	79	27617	No
115	GOM_NL__2PRFIN20070612_105455_000000552059_00008_27617_9048.N1	12-JUN-2007 10:54:55	Bright	55.000	73	57Gam1And	2.2600	13100.	110	27617	No
116	GOM_NL__2PRFIN20070612_105716_000000542059_00008_27617_9049.N1	12-JUN-2007 10:57:16	Twi_and_stray	53.500	53	43Bet And	2.0480	3300.0	107	27617	No
117	GOM_NL__2PRFIN20070612_110037_000000402059_00008_27617_9050.N1	12-JUN-2007 11:00:37	Twilight	40.000	50	13Alp Ari	2.0070	4250.0	80	27617	No
118	GOM_NL__2PRFIN20070612_111538_000000592059_00008_27617_9051.N1	12-JUN-2007 11:15:38	Dark	58.500	52	16Bet Cet	2.0370	4500.0	117	27617	No
119	GOM_NL__2PRFIN20070612_112202_000000522059_00008_27617_9052.N1	12-JUN-2007 11:22:02	Dark	51.500	84	Alp Phe	2.3970	4500.0	103	27617	No
120	GOM_NL__2PRFIN20070612_112804_000000502059_00009_27618_9048.N1	12-JUN-2007 11:28:04	Dark	50.000	63	Bet Gru	2.1500	2800.0	100	27618	No
121	GOM_NL__2PRFIN20070612_113006_000000572059_00009_27618_9049.N1	12-JUN-2007 11:30:06	Dark	57.000	31	Alp Gru	1.7340	15200.	114	27618	No
122	GOM_NL__2PRFIN20070612_113416_000000422059_00009_27618_9050.N1	12-JUN-2007 11:34:16	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	27618	No
123	GOM_NL__2PRFIN20070612_114241_000000432059_00009_27618_9051.N1	12-JUN-2007 11:42:41	Twi_and_stray	42.500	40	The Sco	1.8590	7100.0	85	27618	No
124	GOM_NL__2PRFIN20070612_114426_000000422059_00009_27618_9052.N1	12-JUN-2007 11:44:26	Twi_and_stray	42.000	25	35Lam Sco	1.6200	28000.	84	27618	No
125	GOM_NL__2PRFIN20070612_114548_000000492059_00009_27618_9053.N1	12-JUN-2007 11:45:48	Twi_and_stray	48.500	167	10Gam2Sgr	2.9840	4500.0	97	27618	No
126	GOM_NL__2PRFIN20070612_115111_000000402059_00009_27618_9054.N1	12-JUN-2007 11:51:11	Bright	39.500	86	35Eta Oph	2.4300	10200.	79	27618	No
127	GOM_NL__2PRFIN20070612_115256_000000382059_00009_27618_9055.N1	12-JUN-2007 11:52:56	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	27618	No
128	GOM_NL__2PRFIN20070612_120227_000000372059_00009_27618_9056.N1	12-JUN-2007 12:02:27	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	27618	No
129	GOM_NL__2PRFIN20070612_120534_000000382059_00009_27618_9057.N1	12-JUN-2007 12:05:34	Bright	38.000	133	40Zet Her	2.8070	6000.0	76	27618	No
130	GOM_NL__2PRFIN20070612_121234_000000412059_00009_27618_9058.N1	12-JUN-2007 12:12:34	Bright	41.000	130	23Bet Dra	2.7990	5800.0	82	27618	No
131	GOM_NL__2PRFIN20070612_122931_000000442059_00009_27618_9059.N1	12-JUN-2007 12:29:31	Bright	44.000	76	27Gam Cas	2.3000	30000.	88	27618	No
132	GOM_NL__2PRFIN20070612_123532_000000422059_00009_27618_9060.N1	12-JUN-2007 12:35:32	Bright	42.000	73	57Gam1And	2.2600	13100.	84	27618	No
133	GOM_NL__2PRFIN20070612_123751_000000522059_00009_27618_9061.N1	12-JUN-2007 12:37:51	Twi_and_stray	51.500	53	43Bet And	2.0480	3300.0	103	27618	No
134	GOM_NL__2PRFIN20070612_124112_000000462059_00009_27618_9062.N1	12-JUN-2007 12:41:12	Twilight	45.500	50	13Alp Ari	2.0070	4250.0	91	27618	No
135	GOM_NL__2PRFIN20070612_125614_000000542059_00009_27618_9063.N1	12-JUN-2007 12:56:14	Dark	53.500	52	16Bet Cet	2.0370	4500.0	107	27618	No
136	GOM_NL__2PRFIN20070612_130239_000000432059_00009_27618_9064.N1	12-JUN-2007 13:02:39	Dark	42.500	84	Alp Phe	2.3970	4500.0	85	27618	No
137	GOM_NL__2PRFIN20070612_130841_000000562059_00010_27619_9073.N1	12-JUN-2007 13:08:41	Dark	55.500	63	Bet Gru	2.1500	2800.0	111	27619	No
138	GOM_NL__2PRFIN20070612_131043_000000462059_00010_27619_9074.N1	12-JUN-2007 13:10:43	Dark	46.000	31	Alp Gru	1.7340	15200.	92	27619	No
139	GOM_NL__2PRFIN20070612_131453_000000432059_00010_27619_9075.N1	12-JUN-2007 13:14:53	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	27619	No
140	GOM_NL__2PRFIN20070612_132318_000000432059_00010_27619_9076.N1	12-JUN-2007 13:23:18	Twi_and_stray	43.000	40	The Sco	1.8590	7100.0	86	27619	No
141	GOM_NL__2PRFIN20070612_132502_000000412059_00010_27619_9077.N1	12-JUN-2007 13:25:02	Twi_and_stray	40.500	25	35Lam Sco	1.6200	28000.	81	27619	No
142	GOM_NL__2PRFIN20070612_132624_000000472059_00010_27619_9078.N1	12-JUN-2007 13:26:24	Twi_and_stray	47.000	167	10Gam2Sgr	2.9840	4500.0	94	27619	No
143	GOM_NL__2PRFIN20070612_133147_000000412059_00010_27619_9079.N1	12-JUN-2007 13:31:47	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	27619	No
144	GOM_NL__2PRFIN20070612_133332_000000382059_00010_27619_9080.N1	12-JUN-2007 13:33:32	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	27619	No
145	GOM_NL__2PRFIN20070612_134303_000000392059_00010_27619_9081.N1	12-JUN-2007 13:43:03	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	27619	No
146	GOM_NL__2PRFIN20070612_134610_000000382059_00010_27619_9082.N1	12-JUN-2007 13:46:10	Bright	38.000	133	40Zet Her	2.8070	6000.0	76	27619	No
147	GOM_NL__2PRFIN20070612_135310_000000392059_00010_27619_9083.N1	12-JUN-2007 13:53:10	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	27619	No
148	GOM_NL__2PRFIN20070612_141007_000000372059_00010_27619_9084.N1	12-JUN-2007 14:10:07	Bright	37.000	76	27Gam Cas	2.3000	30000.	74	27619	No
149	GOM_NL__2PRFIN20070612_141608_000000392059_00010_27619_9085.N1	12-JUN-2007 14:16:08	Bright	39.000	73	57Gam1And	2.2600	13100.	78	27619	No
150	GOM_NL__2PRFIN20070612_141828_000000522059_00010_27619_9086.N1	12-JUN-2007 14:18:28	Twi_and_stray	52.000	53	43Bet And	2.0480	3300.0	104	27619	No
151	GOM_NL__2PRFIN20070612_142149_000000502059_00010_27619_9087.N1	12-JUN-2007 14:21:49	Twilight	50.000	50	13Alp Ari	2.0070	4250.0	100	27619	No
152	GOM_NL__2PRFIN20070612_143651_000000522059_00010_27619_9088.N1	12-JUN-2007 14:36:51	Dark	51.500	52	16Bet Cet	2.0370	4500.0	103	27619	No
153	GOM_NL__2PRFIN20070612_144315_000000422059_00010_27619_9089.N1	12-JUN-2007 14:43:15	Dark	42.000	84	Alp Phe	2.3970	4500.0	84	27619	No
154	GOM_NL__2PRFIN20070612_144918_000000502059_00011_27620_9085.N1	12-JUN-2007 14:49:18	Dark	49.500	63	Bet Gru	2.1500	2800.0	99	27620	No
155	GOM_NL__2PRFIN20070612_145120_000000472059_00011_27620_9086.N1	12-JUN-2007 14:51:20	Dark	46.500	31	Alp Gru	1.7340	15200.	93	27620	No
156	GOM_NL__2PRFIN20070612_145529_000000442059_00011_27620_9087.N1	12-JUN-2007 14:55:29	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	27620	No
157	GOM_NL__2PRFIN20070612_150354_000000452059_00011_27620_9088.N1	12-JUN-2007 15:03:54	Twi_and_stray	44.500	40	The Sco	1.8590	7100.0	89	27620	No
158	GOM_NL__2PRFIN20070612_150538_000000442059_00011_27620_9089.N1	12-JUN-2007 15:05:38	Twi_and_stray	44.000	25	35Lam Sco	1.6200	28000.	88	27620	No
159	GOM_NL__2PRFIN20070612_150700_000000472059_00011_27620_9090.N1	12-JUN-2007 15:07:00	Twi_and_stray	47.000	167	10Gam2Sgr	2.9840	4500.0	94	27620	No
160	GOM_NL__2PRFIN20070612_151223_000000402059_00011_27620_9091.N1	12-JUN-2007 15:12:23	Bright	40.000	86	35Eta Oph	2.4300	10200.	80	27620	No

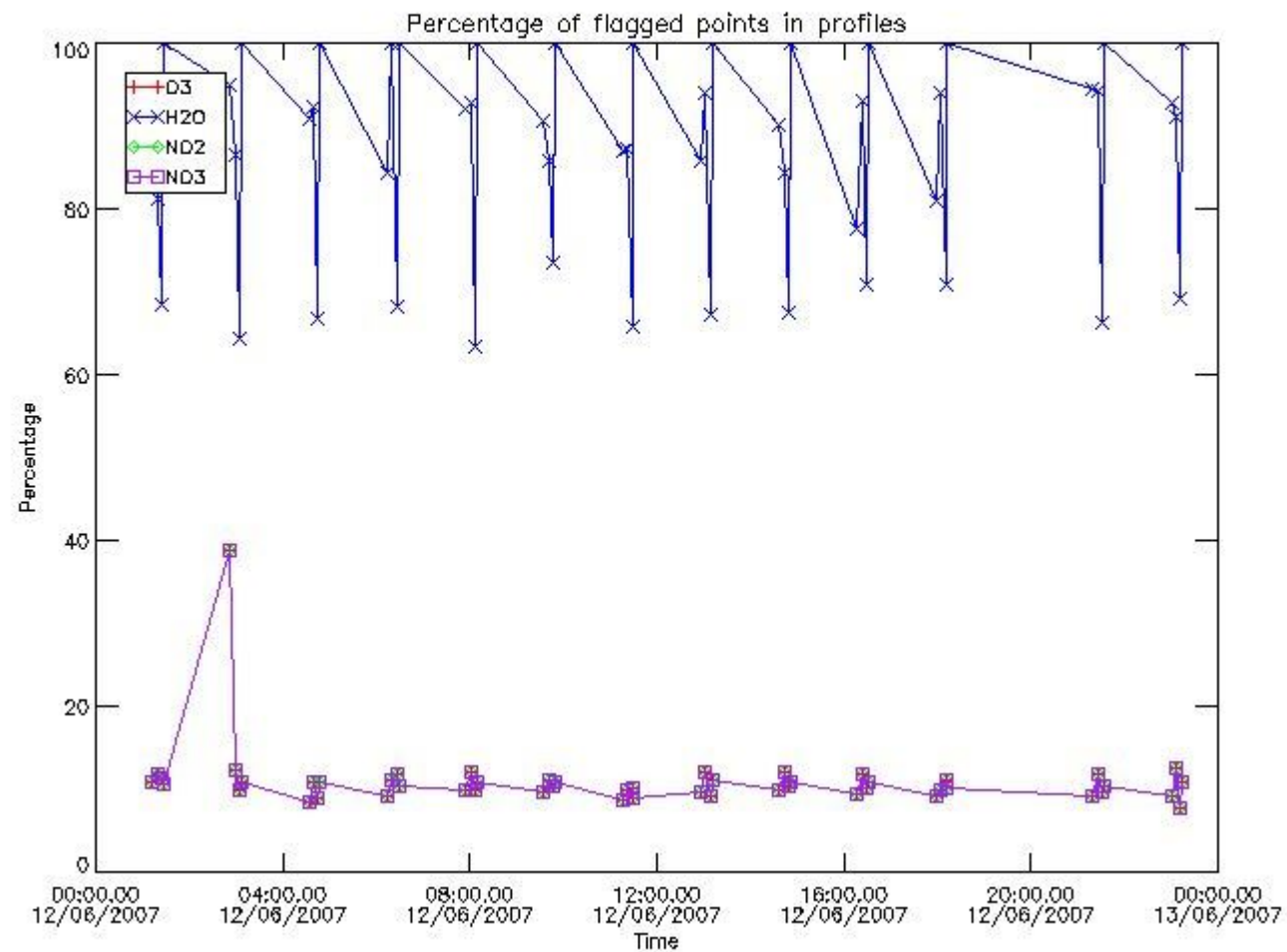
161	GOM_NL__2PRFIN20070612_151408_000000372059_00011_27620_9092.N1	12-JUN-2007 15:14:08	Bright	37.000	98	13Zet Oph	2.5710	30000.	74	27620	No
162	GOM_NL__2PRFIN20070612_152338_000000372059_00011_27620_9093.N1	12-JUN-2007 15:23:38	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	27620	No
163	GOM_NL__2PRFIN20070612_152646_000000392059_00011_27620_9094.N1	12-JUN-2007 15:26:46	Bright	38.500	133	40Zet Her	2.8070	6000.0	77	27620	No
164	GOM_NL__2PRFIN20070612_153345_000000432059_00011_27620_9095.N1	12-JUN-2007 15:33:45	Bright	42.500	130	23Bet Dra	2.7990	5800.0	85	27620	No
165	GOM_NL__2PRFIN20070612_155043_000000392059_00011_27620_9096.N1	12-JUN-2007 15:50:43	Bright	38.500	76	27Gam Cas	2.3000	30000.	77	27620	No
166	GOM_NL__2PRFIN20070612_155643_000000402059_00011_27620_9097.N1	12-JUN-2007 15:56:43	Bright	39.500	73	57Gam1And	2.2600	13100.	79	27620	No
167	GOM_NL__2PRFIN20070612_155904_000000522059_00011_27620_9098.N1	12-JUN-2007 15:59:04	Twilight	51.500	53	43Bet And	2.0480	3300.0	103	27620	No
168	GOM_NL__2PRFIN20070612_160225_000000482059_00011_27620_9099.N1	12-JUN-2007 16:02:25	Twilight	47.500	50	13Alp Ari	2.0070	4250.0	95	27620	No
169	GOM_NL__2PRFIN20070612_161728_000000542059_00011_27620_9100.N1	12-JUN-2007 16:17:28	Dark	54.000	52	16Bet Cet	2.0370	4500.0	108	27620	No
170	GOM_NL__2PRFIN20070612_162352_000000442059_00011_27620_9101.N1	12-JUN-2007 16:23:52	Dark	43.500	84	Alp Phe	2.3970	4500.0	87	27620	No
171	GOM_NL__2PRFIN20070612_162955_000000502059_00012_27621_9101.N1	12-JUN-2007 16:29:55	Dark	50.000	63	Bet Gru	2.1500	2800.0	100	27621	No
172	GOM_NL__2PRFIN20070612_163157_000000482059_00012_27621_9102.N1	12-JUN-2007 16:31:57	Dark	47.500	31	Alp Gru	1.7340	15200.	95	27621	No
173	GOM_NL__2PRFIN20070612_163606_000000422059_00012_27621_9103.N1	12-JUN-2007 16:36:06	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	27621	No
174	GOM_NL__2PRFIN20070612_164430_000000412059_00012_27621_9104.N1	12-JUN-2007 16:44:30	Twilight	41.000	40	The Sco	1.8590	7100.0	82	27621	No
175	GOM_NL__2PRFIN20070612_164614_000000462059_00012_27621_9105.N1	12-JUN-2007 16:46:14	Twilight	45.500	25	35Lam Sco	1.6200	28000.	91	27621	No
176	GOM_NL__2PRFIN20070612_164737_000000472059_00012_27621_9106.N1	12-JUN-2007 16:47:37	Twilight	46.500	167	10Gam2Sgr	2.9840	4500.0	93	27621	No
177	GOM_NL__2PRFIN20070612_165259_000000412059_00012_27621_9107.N1	12-JUN-2007 16:52:59	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	27621	No
178	GOM_NL__2PRFIN20070612_165445_000000382059_00012_27621_9108.N1	12-JUN-2007 16:54:45	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	27621	No
179	GOM_NL__2PRFIN20070612_170414_000000382059_00012_27621_9109.N1	12-JUN-2007 17:04:14	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	27621	No
180	GOM_NL__2PRFIN20070612_170722_000000382059_00012_27621_9110.N1	12-JUN-2007 17:07:22	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	27621	No
181	GOM_NL__2PRFIN20070612_171421_000000402059_00012_27621_9111.N1	12-JUN-2007 17:14:21	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	27621	No
182	GOM_NL__2PRFIN20070612_173118_000000372059_00012_27621_9112.N1	12-JUN-2007 17:31:18	Bright	37.000	76	27Gam Cas	2.3000	30000.	74	27621	No
183	GOM_NL__2PRFIN20070612_173719_000000382059_00012_27621_9113.N1	12-JUN-2007 17:37:19	Bright	38.000	73	57Gam1And	2.2600	13100.	76	27621	No
184	GOM_NL__2PRFIN20070612_173940_000000552059_00012_27621_9114.N1	12-JUN-2007 17:39:40	Twilight	55.000	53	43Bet And	2.0480	3300.0	110	27621	No
185	GOM_NL__2PRFIN20070612_174301_000000532059_00012_27621_9115.N1	12-JUN-2007 17:43:01	Twilight	52.500	50	13Alp Ari	2.0070	4250.0	105	27621	No
186	GOM_NL__2PRFIN20070612_175805_000000562059_00012_27621_9116.N1	12-JUN-2007 17:58:05	Dark	55.500	52	16Bet Cet	2.0370	4500.0	111	27621	No
187	GOM_NL__2PRFIN20070612_180429_000000512059_00012_27621_9117.N1	12-JUN-2007 18:04:29	Dark	51.000	84	Alp Phe	2.3970	4500.0	102	27621	No
188	GOM_NL__2PRFIN20070612_181032_000000502059_00013_27622_9117.N1	12-JUN-2007 18:10:32	Dark	50.000	63	Bet Gru	2.1500	2800.0	100	27622	No
189	GOM_NL__2PRFIN20070612_181233_000000502059_00013_27622_9118.N1	12-JUN-2007 18:12:33	Dark	50.000	31	Alp Gru	1.7340	15200.	100	27622	No
190	GOM_NL__2PRFIN20070612_181642_000000432059_00013_27622_9119.N1	12-JUN-2007 18:16:42	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	27622	No
191	GOM_NL__2PRFIN20070612_182507_000000502059_00013_27622_9120.N1	12-JUN-2007 18:25:07	Twilight	50.000	40	The Sco	1.8590	7100.0	100	27622	No
192	GOM_NL__2PRFIN20070612_182651_000000442059_00013_27622_9121.N1	12-JUN-2007 18:26:51	Twilight	44.000	25	35Lam Sco	1.6200	28000.	88	27622	No
193	GOM_NL__2PRFIN20070612_182813_000000492059_00013_27622_9122.N1	12-JUN-2007 18:28:13	Twilight	48.500	167	10Gam2Sgr	2.9840	4500.0	97	27622	No
194	GOM_NL__2PRFIN20070612_183336_000000322059_00013_27622_9123.N1	12-JUN-2007 18:33:36	Bright	32.000	86	35Eta Oph	2.4300	10200.	64	27622	No
195	GOM_NL__2PRFIN20070612_200543_000000432059_00014_27623_9128.N1	12-JUN-2007 20:05:43	Twilight	43.000	40	The Sco	1.8590	7100.0	86	27623	No
196	GOM_NL__2PRFIN20070612_200727_000000452059_00014_27623_9129.N1	12-JUN-2007 20:07:27	Twilight	45.000	25	35Lam Sco	1.6200	28000.	90	27623	No
197	GOM_NL__2PRFIN20070612_200849_000000482059_00014_27623_9130.N1	12-JUN-2007 20:08:49	Twilight	47.500	167	10Gam2Sgr	2.9840	4500.0	95	27623	No
198	GOM_NL__2PRFIN20070612_201412_000000412059_00014_27623_9131.N1	12-JUN-2007 20:14:12	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	27623	No
199	GOM_NL__2PRFIN20070612_201557_000000372059_00014_27623_9132.N1	12-JUN-2007 20:15:57	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	27623	No
200	GOM_NL__2PRFIN20070612_202526_000000392059_00014_27623_9133.N1	12-JUN-2007 20:25:26	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	27623	No
201	GOM_NL__2PRFIN20070612_202833_000000382059_00014_27623_9134.N1	12-JUN-2007 20:28:33	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	27623	No
202	GOM_NL__2PRFIN20070612_203532_000000392059_00014_27623_9135.N1	12-JUN-2007 20:35:32	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	27623	No
203	GOM_NL__2PRFIN20070612_205230_000000412059_00014_27623_9136.N1	12-JUN-2007 20:52:30	Bright	40.500	76	27Gam Cas	2.3000	30000.	81	27623	No
204	GOM_NL__2PRFIN20070612_205832_000000442059_00014_27623_9137.N1	12-JUN-2007 20:58:32	Bright	43.500	73	57Gam1And	2.2600	13100.	87	27623	No
205	GOM_NL__2PRFIN20070612_210052_000000532059_00014_27623_9138.N1	12-JUN-2007 21:00:52	Twilight	52.500	53	43Bet And	2.0480	3300.0	105	27623	No
206	GOM_NL__2PRFIN20070612_210414_000000422059_00014_27623_9139.N1	12-JUN-2007 21:04:14	Twilight	42.000	50	13Alp Ari	2.0070	4250.0	84	27623	No
207	GOM_NL__2PRFIN20070612_211919_000000562059_00014_27623_9140.N1	12-JUN-2007 21:19:19	Dark	55.500	52	16Bet Cet	2.0370	4500.0	111	27623	No
208	GOM_NL__2PRFIN20070612_212542_000000432059_00014_27623_9141.N1	12-JUN-2007 21:25:42	Dark	43.000	84	Alp Phe	2.3970	4500.0	86	27623	No
209	GOM_NL__2PRFIN20070612_213145_000000532059_00015_27624_9150.N1	12-JUN-2007 21:31:45	Dark	52.500	63	Bet Gru	2.1500	2800.0	105	27624	No
210	GOM_NL__2PRFIN20070612_213347_000000492059_00015_27624_9151.N1	12-JUN-2007 21:33:47	Dark	49.000	31	Alp Gru	1.7340	15200.	98	27624	No
211	GOM_NL__2PRFIN20070612_213756_000000422059_00015_27624_9152.N1	12-JUN-2007 21:37:56	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	27624	No
212	GOM_NL__2PRFIN20070612_214619_000000462059_00015_27624_9153.N1	12-JUN-2007 21:46:19	Twilight	46.000	40	The Sco	1.8590	7100.0	92	27624	No
213	GOM_NL__2PRFIN20070612_214803_000000452059_00015_27624_9154.N1	12-JUN-2007 21:48:03	Twilight	44.500	25	35Lam Sco	1.6200	28000.	89	27624	No
214	GOM_NL__2PRFIN20070612_214925_000000482059_00015_27624_9155.N1	12-JUN-2007 21:49:25	Twilight	47.500	167	10Gam2Sgr	2.9840	4500.0	95	27624	No
215	GOM_NL__2PRFIN20070612_215448_000000392059_00015_27624_9156.N1	12-JUN-2007 21:54:48	Bright	39.000	86	35Eta Oph	2.4300	10200.	78	27624	No
216	GOM_NL__2PRFIN20070612_215633_000000372059_00015_27624_9157.N1	12-JUN-2007 21:56:33	Bright	37.000	98	13Zet Oph	2.5710	30000.	74	27624	No
217	GOM_NL__2PRFIN20070612_220602_000000392059_00015_27624_9158.N1	12-JUN-2007 22:06:02	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	27624	No
218	GOM_NL__2PRFIN20070612_220909_000000382059_00015_27624_9159.N1	12-JUN-2007 22:09:09	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	27624	No
219	GOM_NL__2PRFIN20070612_221608_000000592059_00015_27624_9160.N1	12-JUN-2007 22:16:08	Bright	58.500	130	23Bet Dra	2.7990	5800.0	117	27624	No

220	GOM_NL__2PRFIN20070612_223306_000000392059_00015_27624_9161.N1	12-JUN-2007 22:33:06	Bright	39.000	76	27Gam Cas	2.3000	30000.	78	27624	No
221	GOM_NL__2PRFIN20070612_223907_000000392059_00015_27624_9162.N1	12-JUN-2007 22:39:07	Bright	39.000	73	57Gam1And	2.2600	13100.	78	27624	No
222	GOM_NL__2PRFIN20070612_224128_000000532059_00015_27624_9163.N1	12-JUN-2007 22:41:28	Twilight	53.000	53	43Bet And	2.0480	3300.0	106	27624	No
223	GOM_NL__2PRFIN20070612_224450_000000522059_00015_27624_9164.N1	12-JUN-2007 22:44:50	Twilight	52.000	50	13Alp Ari	2.0070	4250.0	104	27624	No
224	GOM_NL__2PRFIN20070612_225956_000000562059_00015_27624_9165.N1	12-JUN-2007 22:59:56	Dark	56.000	52	16Bet Cet	2.0370	4500.0	112	27624	No
225	GOM_NL__2PRFIN20070612_230619_000000452059_00015_27624_9166.N1	12-JUN-2007 23:06:19	Dark	45.000	84	Alp Phe	2.3970	4500.0	90	27624	No
226	GOM_NL__2PRFIN20070612_231222_000000662059_00016_27625_9165.N1	12-JUN-2007 23:12:22	Dark	65.500	63	Bet Gru	2.1500	2800.0	131	27625	No
227	GOM_NL__2PRFIN20070612_231424_000000472059_00016_27625_9166.N1	12-JUN-2007 23:14:24	Dark	46.500	31	Alp Gru	1.7340	15200.	93	27625	No
228	GOM_NL__2PRFIN20070612_231832_000000432059_00016_27625_9167.N1	12-JUN-2007 23:18:32	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	27625	No
229	GOM_NL__2PRFIN20070612_232655_000000462059_00016_27625_9168.N1	12-JUN-2007 23:26:55	Twilight	45.500	40	The Sco	1.8590	7100.0	91	27625	No
230	GOM_NL__2PRFIN20070612_232839_000000432059_00016_27625_9169.N1	12-JUN-2007 23:28:39	Twilight	43.000	25	35Lam Sco	1.6200	28000.	86	27625	No
231	GOM_NL__2PRFIN20070612_233002_000000482059_00016_27625_9170.N1	12-JUN-2007 23:30:02	Twilight	48.000	167	10Gam2Sgr	2.9840	4500.0	96	27625	No
232	GOM_NL__2PRFIN20070612_233523_000000402059_00016_27625_9171.N1	12-JUN-2007 23:35:23	Bright	39.500	86	35Eta Oph	2.4300	10200.	79	27625	No
233	GOM_NL__2PRFIN20070612_233709_000000382059_00016_27625_9172.N1	12-JUN-2007 23:37:09	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	27625	No
234	GOM_NL__2PRFIN20070612_234637_000000382059_00016_27625_9173.N1	12-JUN-2007 23:46:37	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	27625	No
235	GOM_NL__2PRFIN20070612_234944_000000372059_00016_27625_9174.N1	12-JUN-2007 23:49:44	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	27625	No
236	GOM_NL__2PRFIN20070612_235643_000000392059_00016_27625_9175.N1	12-JUN-2007 23:56:43	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	27625	No

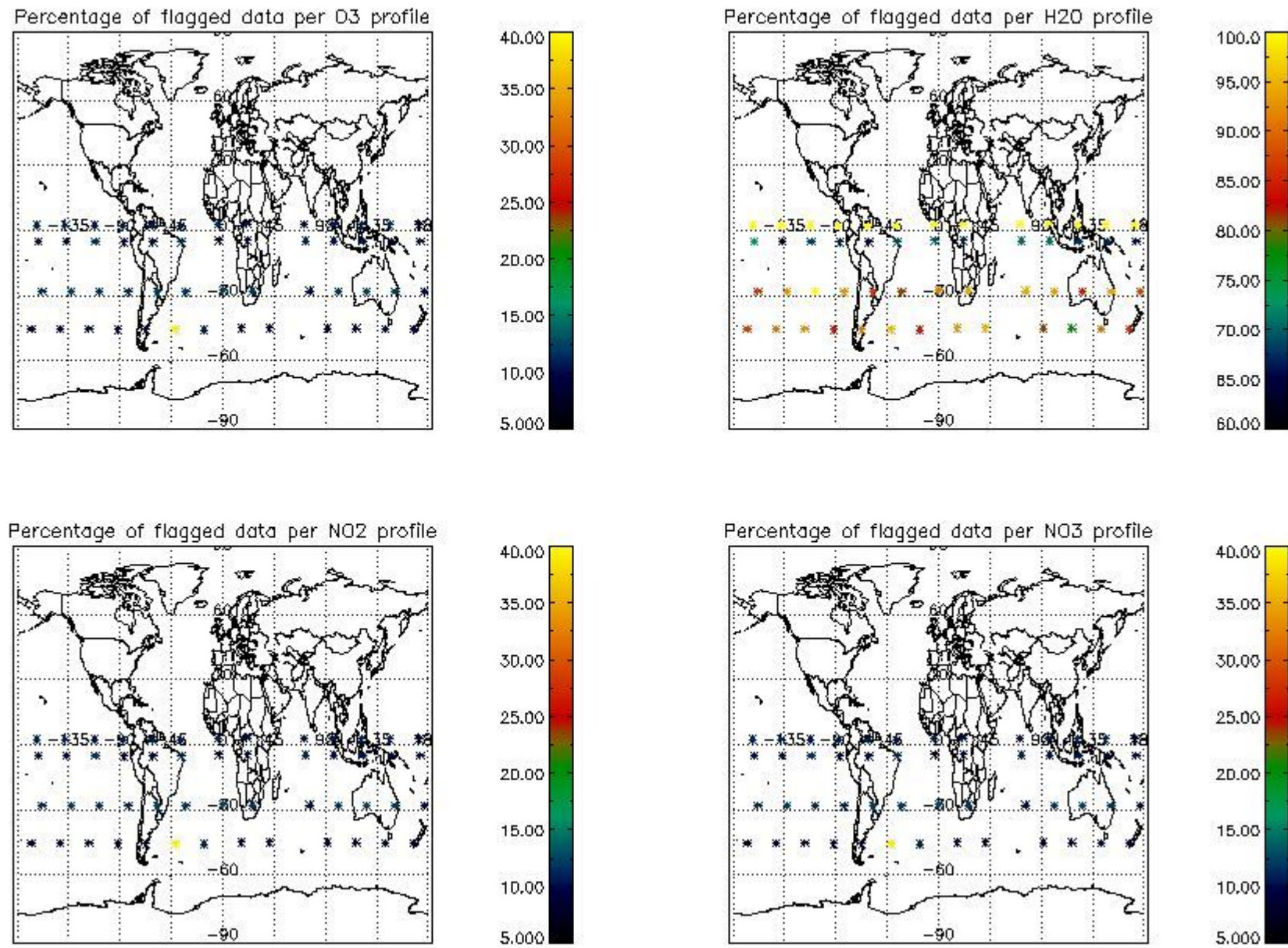
3. Quality information per product

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)

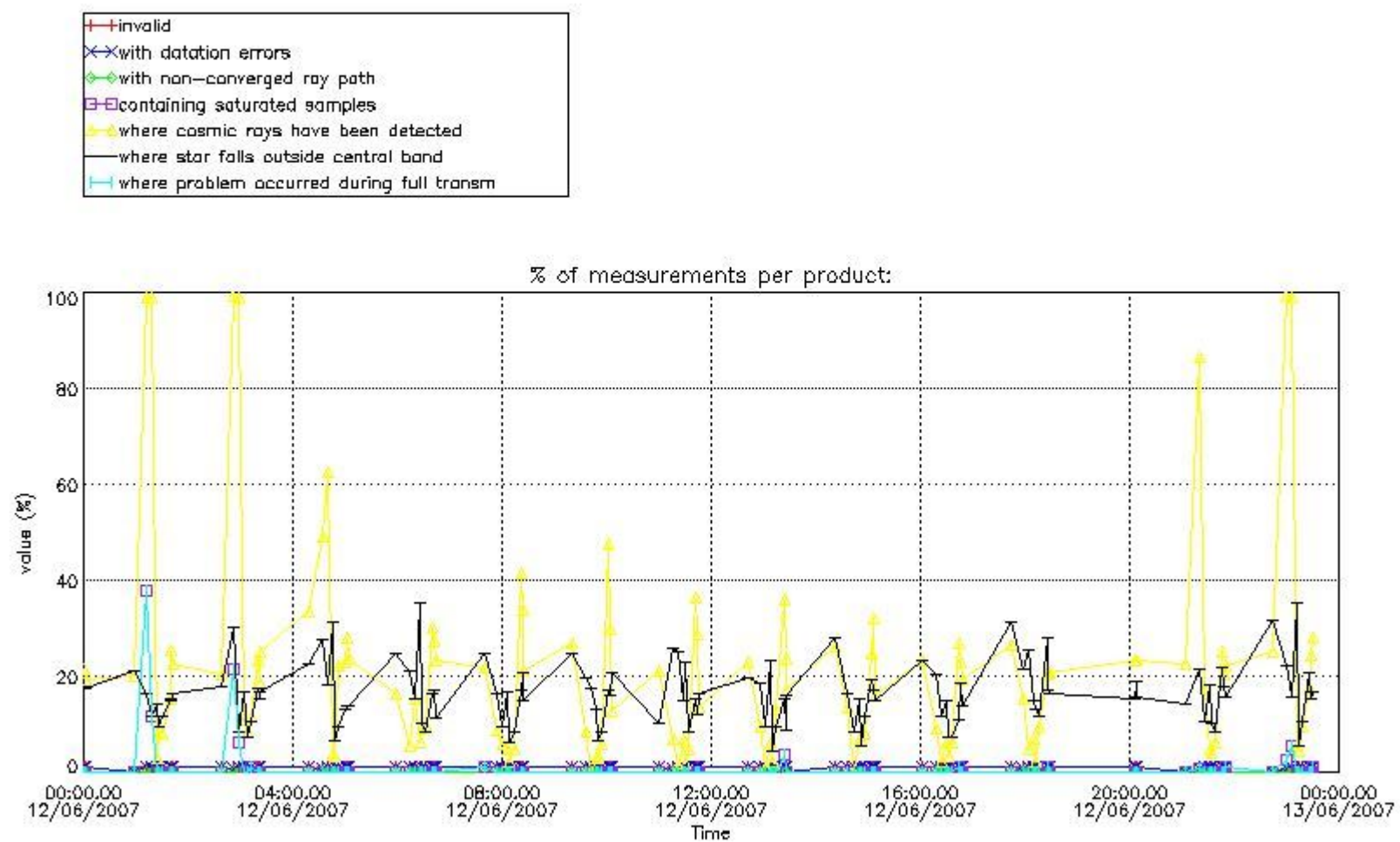


4. Level 1 quality information per product

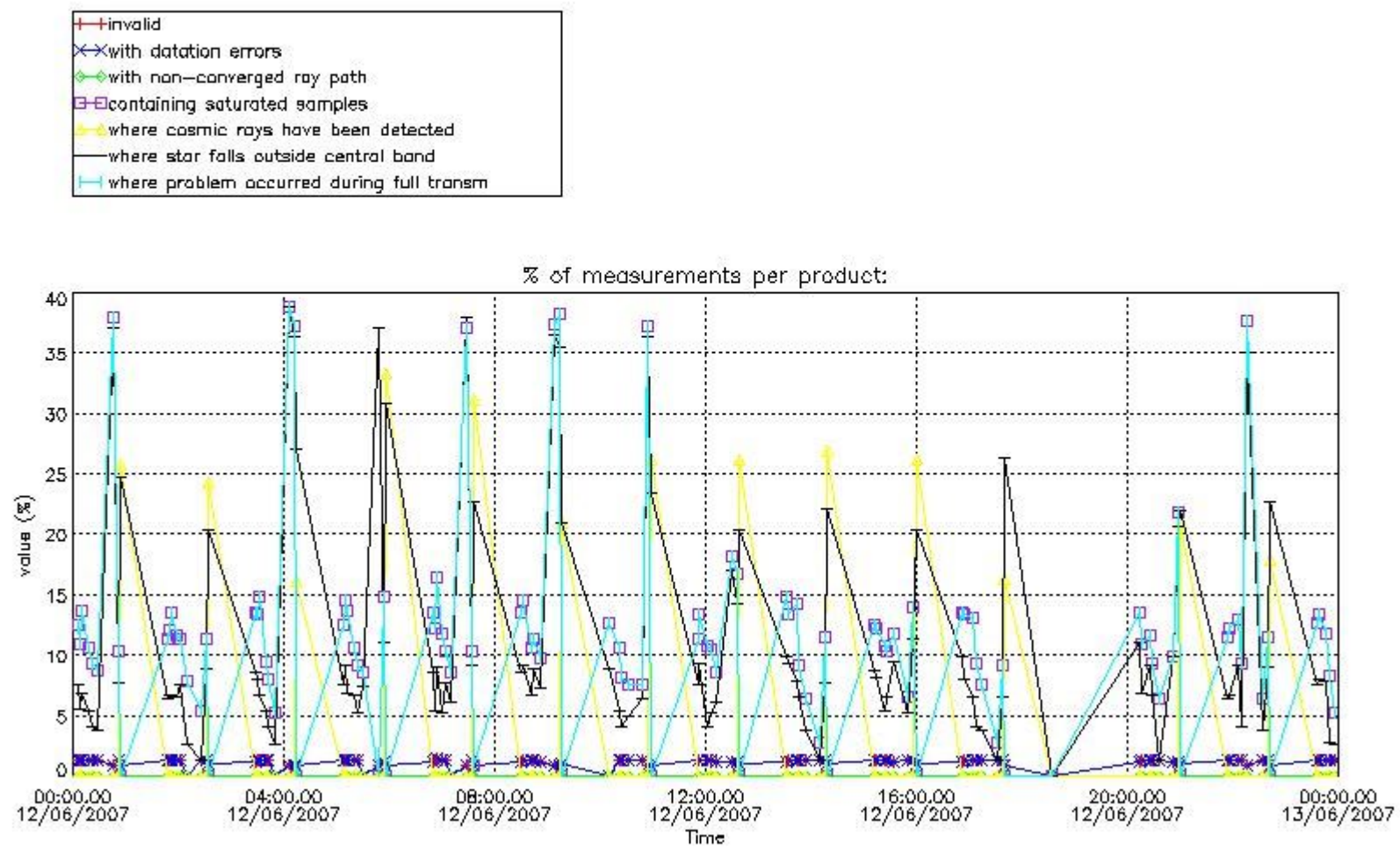
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



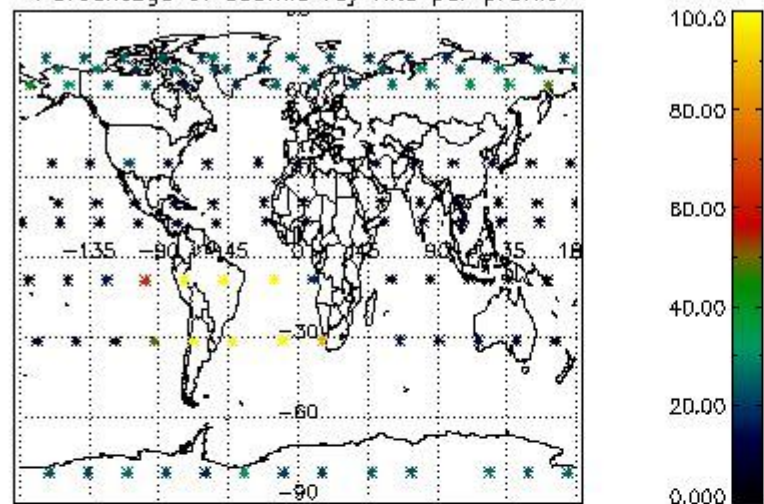
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



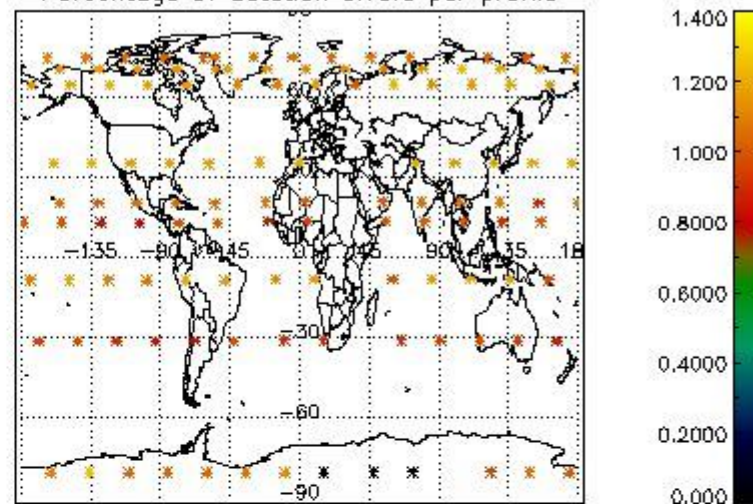
4.2 Plot quality information per product coming from level 1b processing (world map)

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

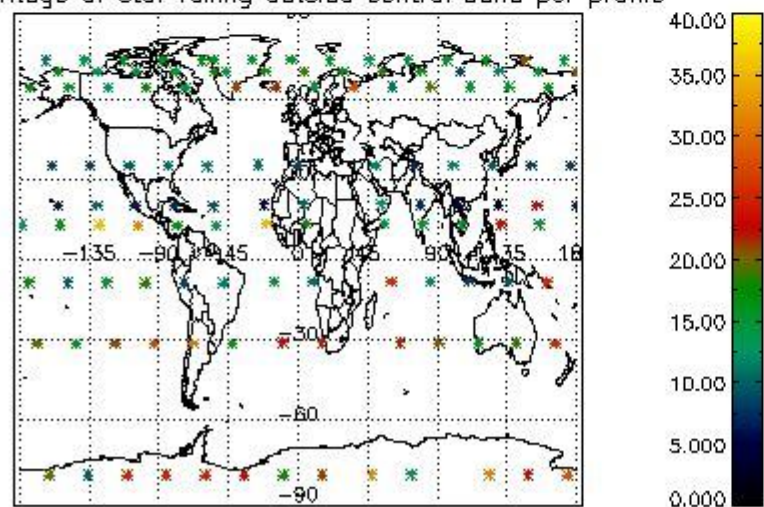
Percentage of cosmic ray hits per profile



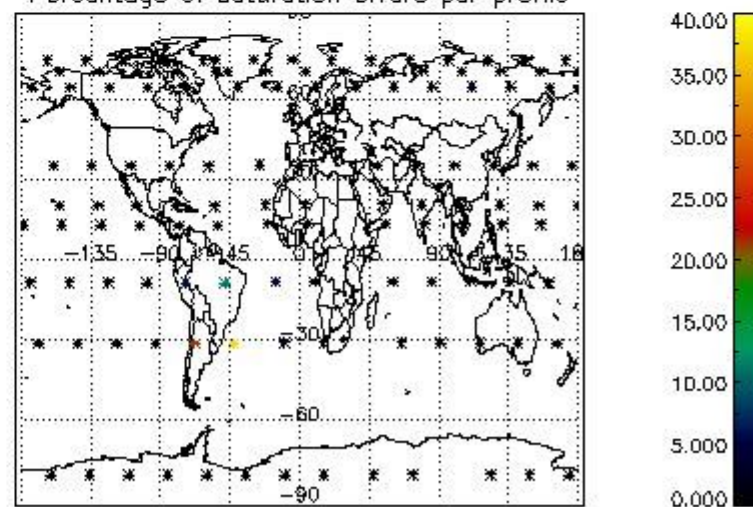
Percentage of datation errors per profile



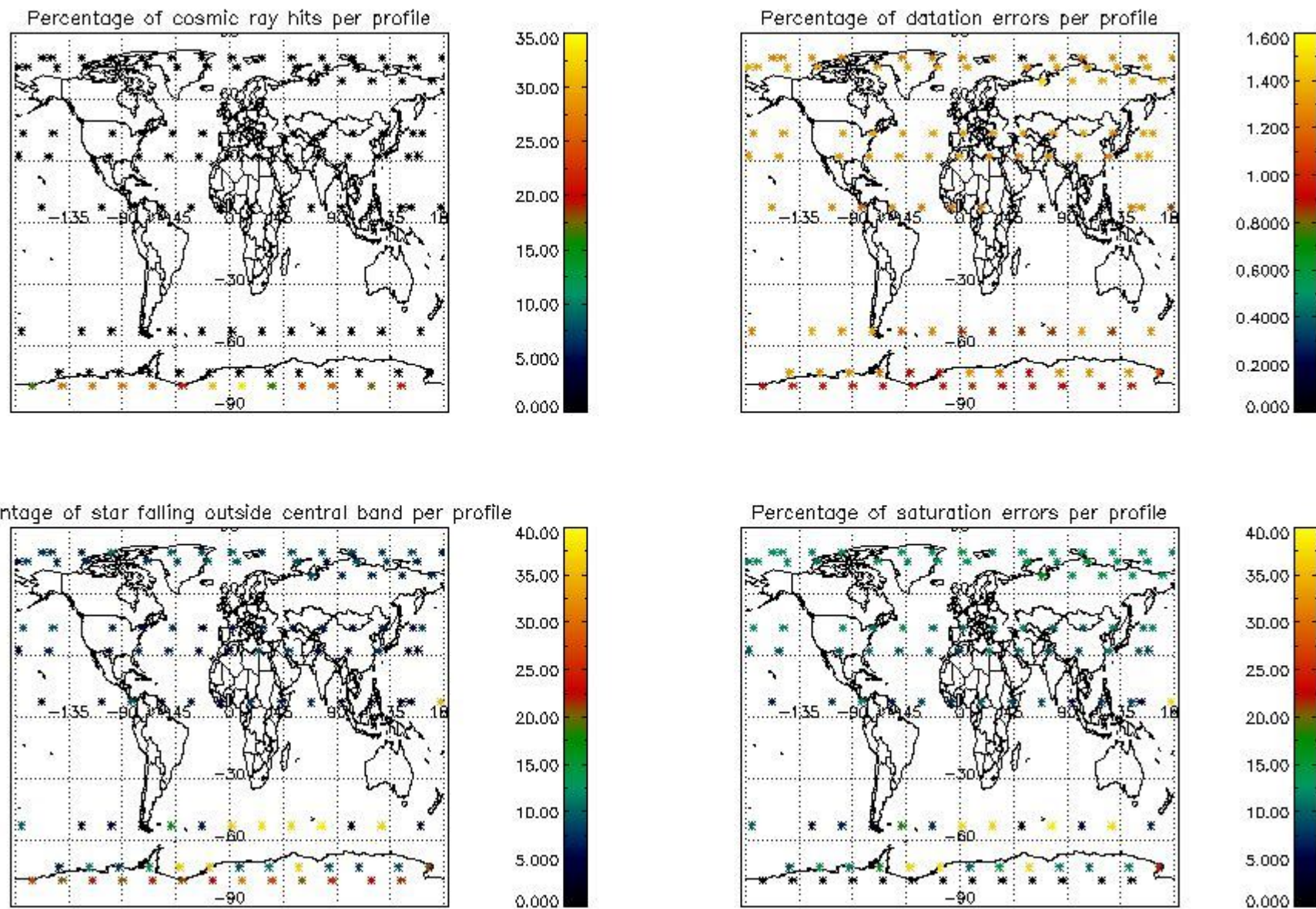
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

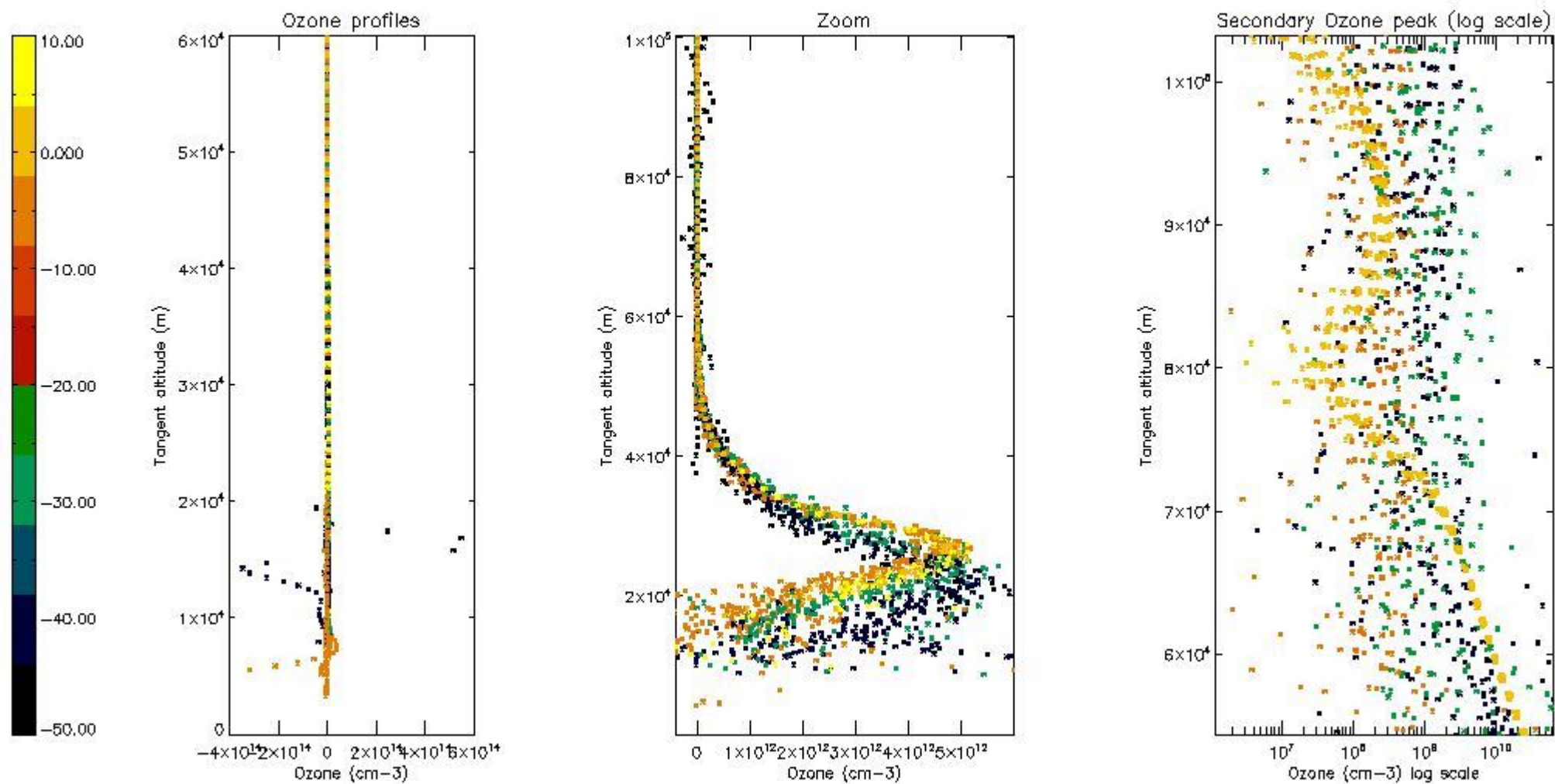
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	26
STD < 20	9

STD < 10	6
STD < 5	3

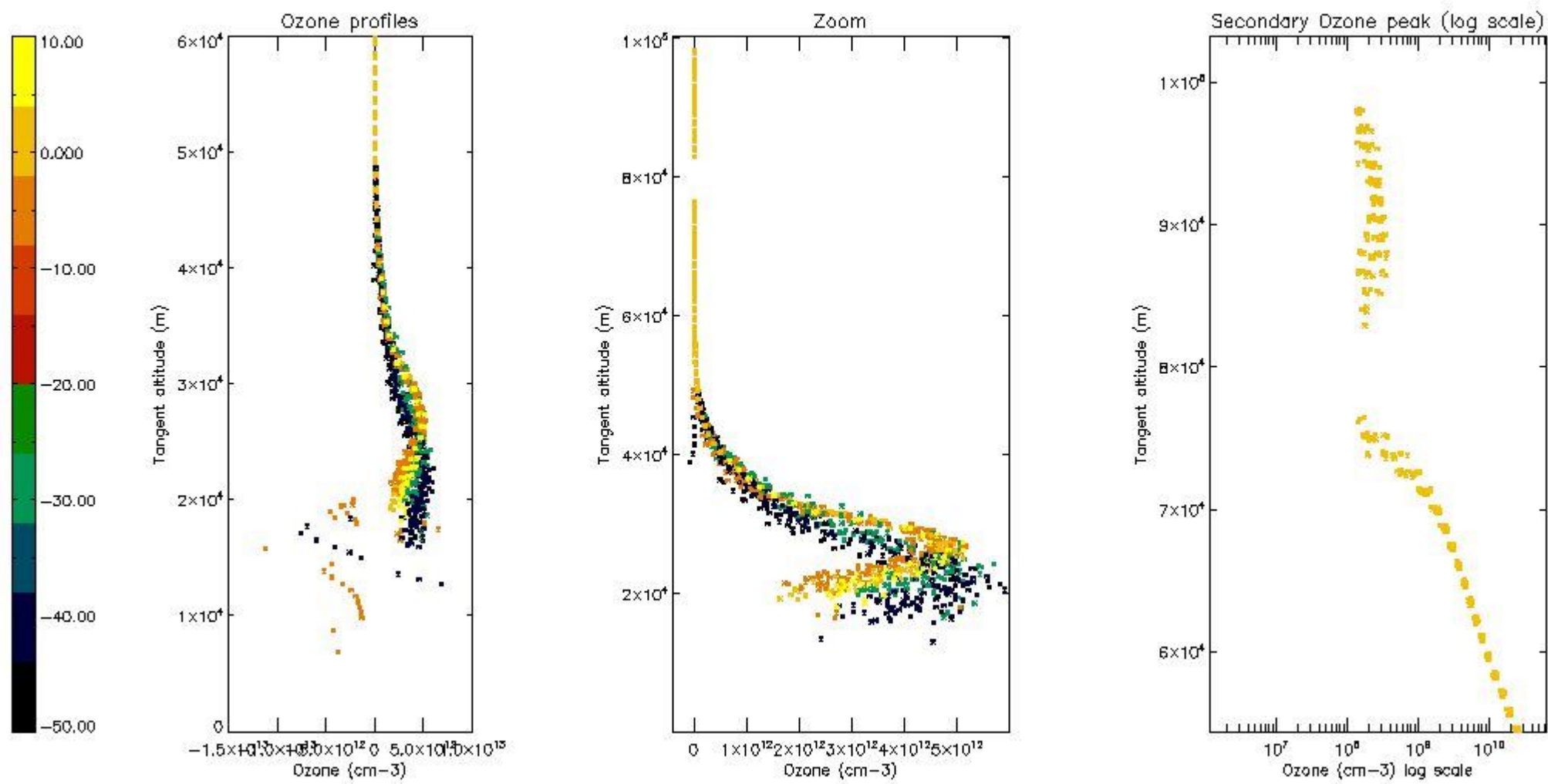
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



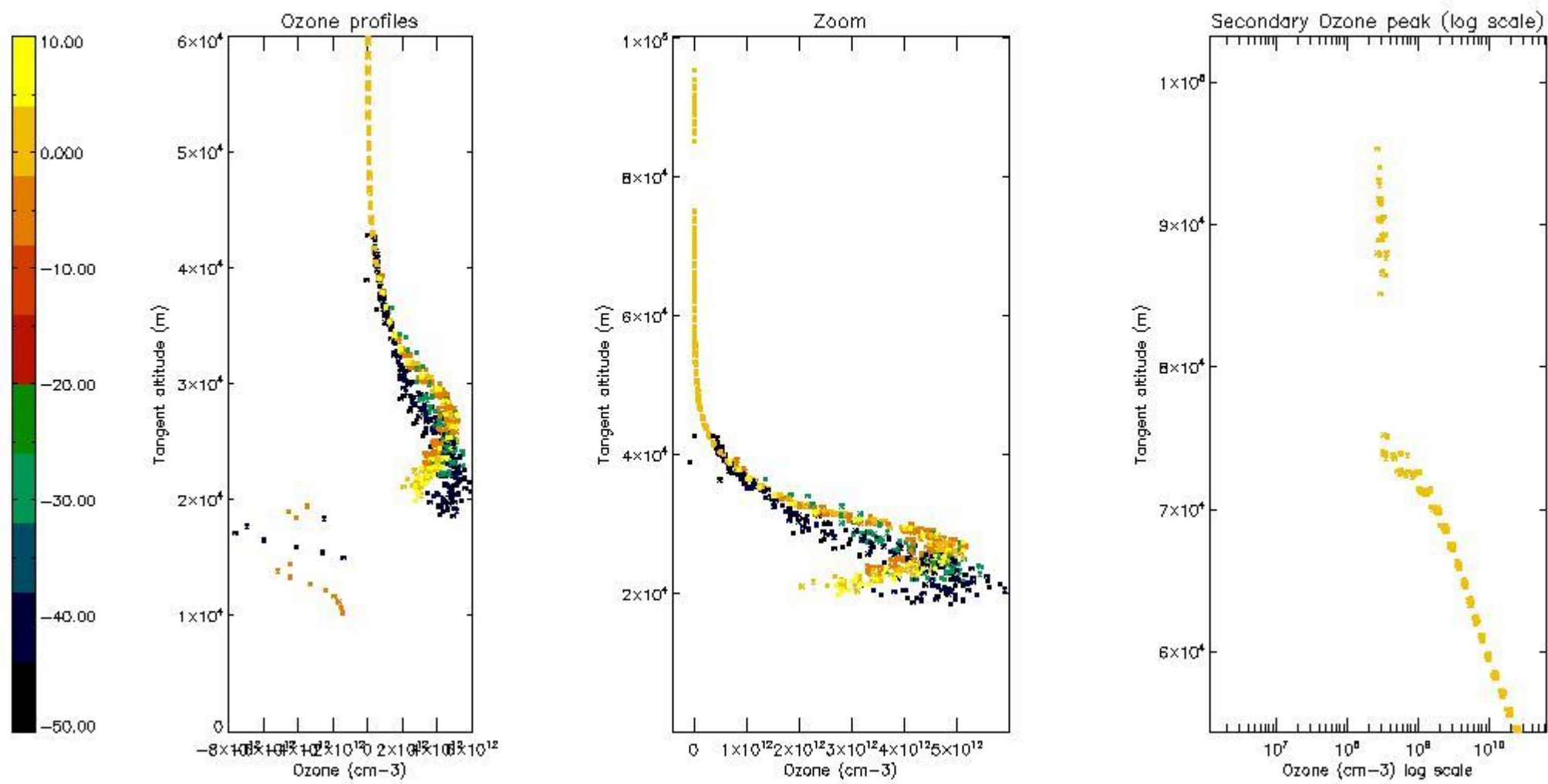
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



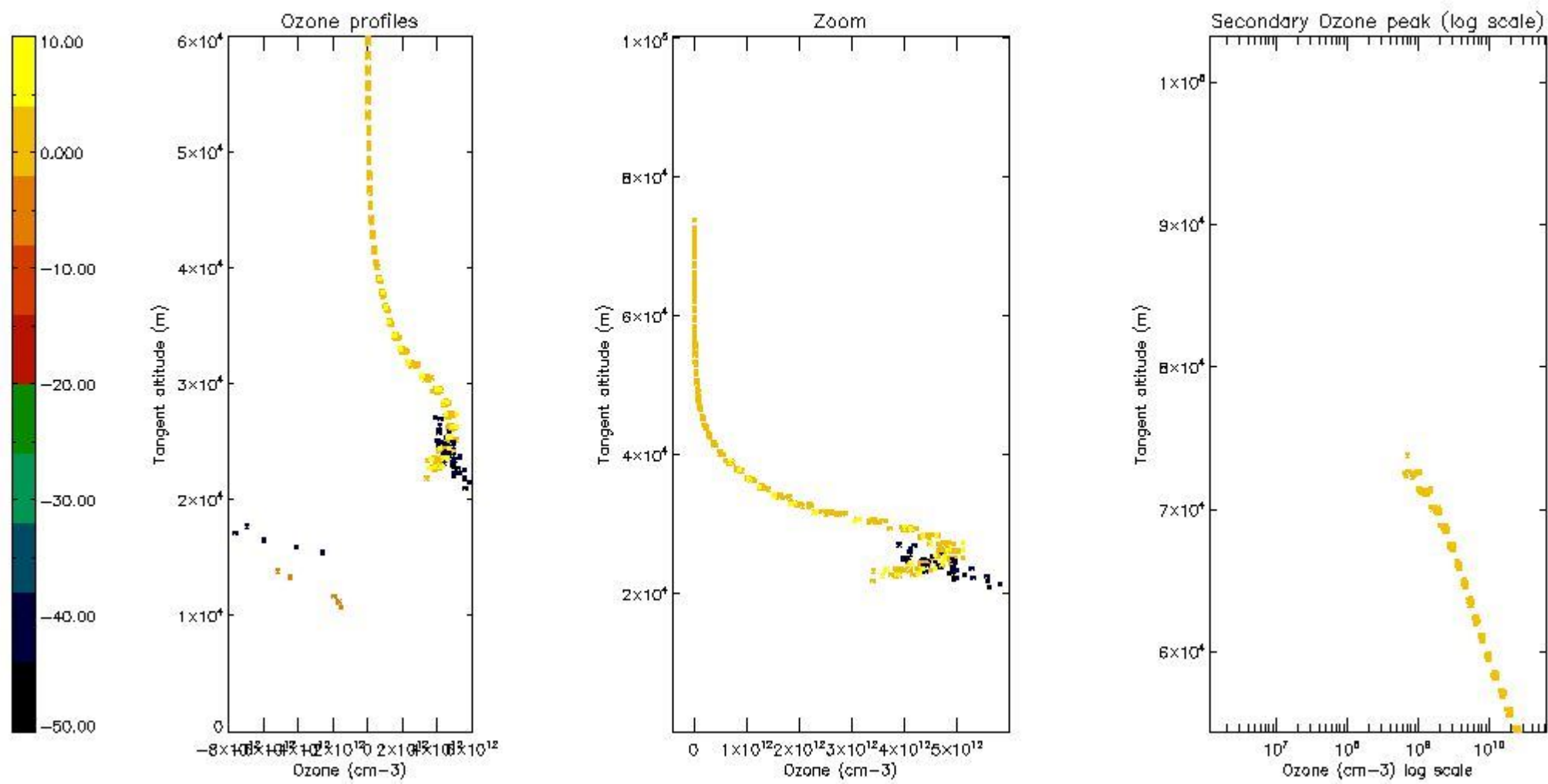
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



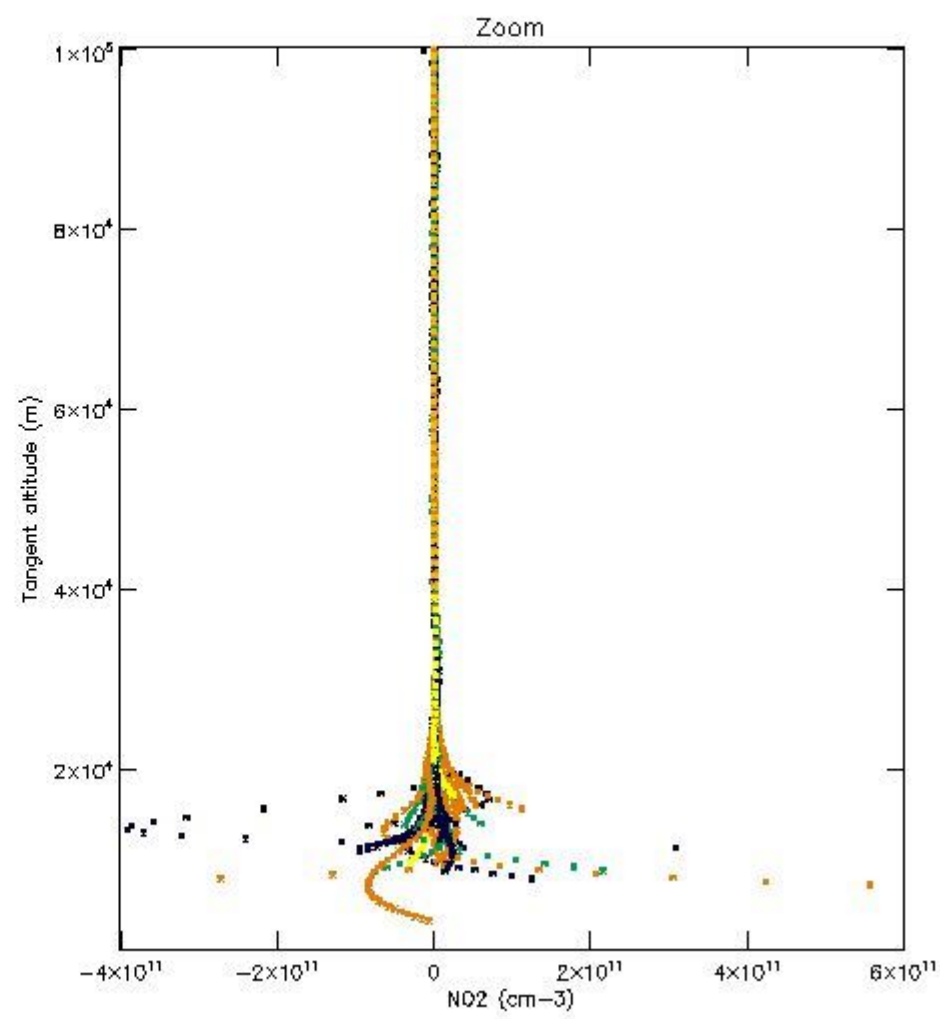
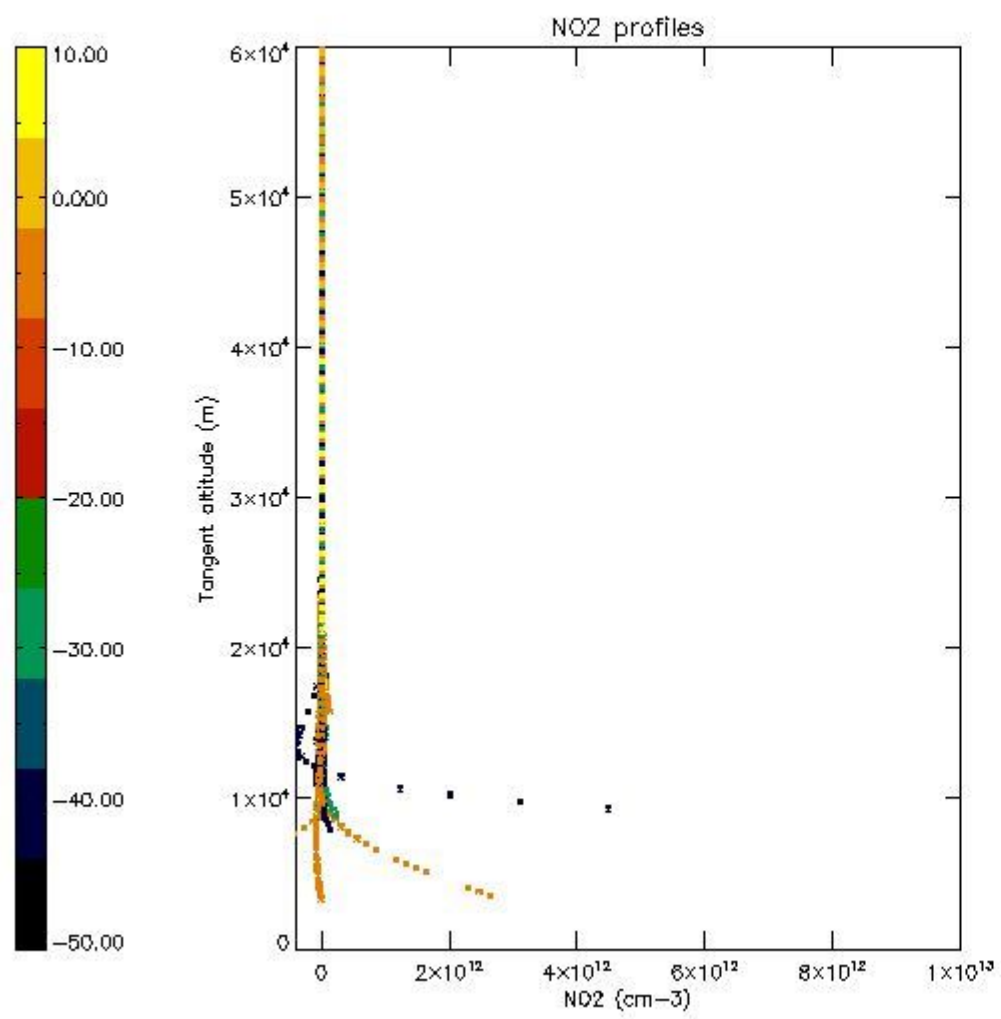
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



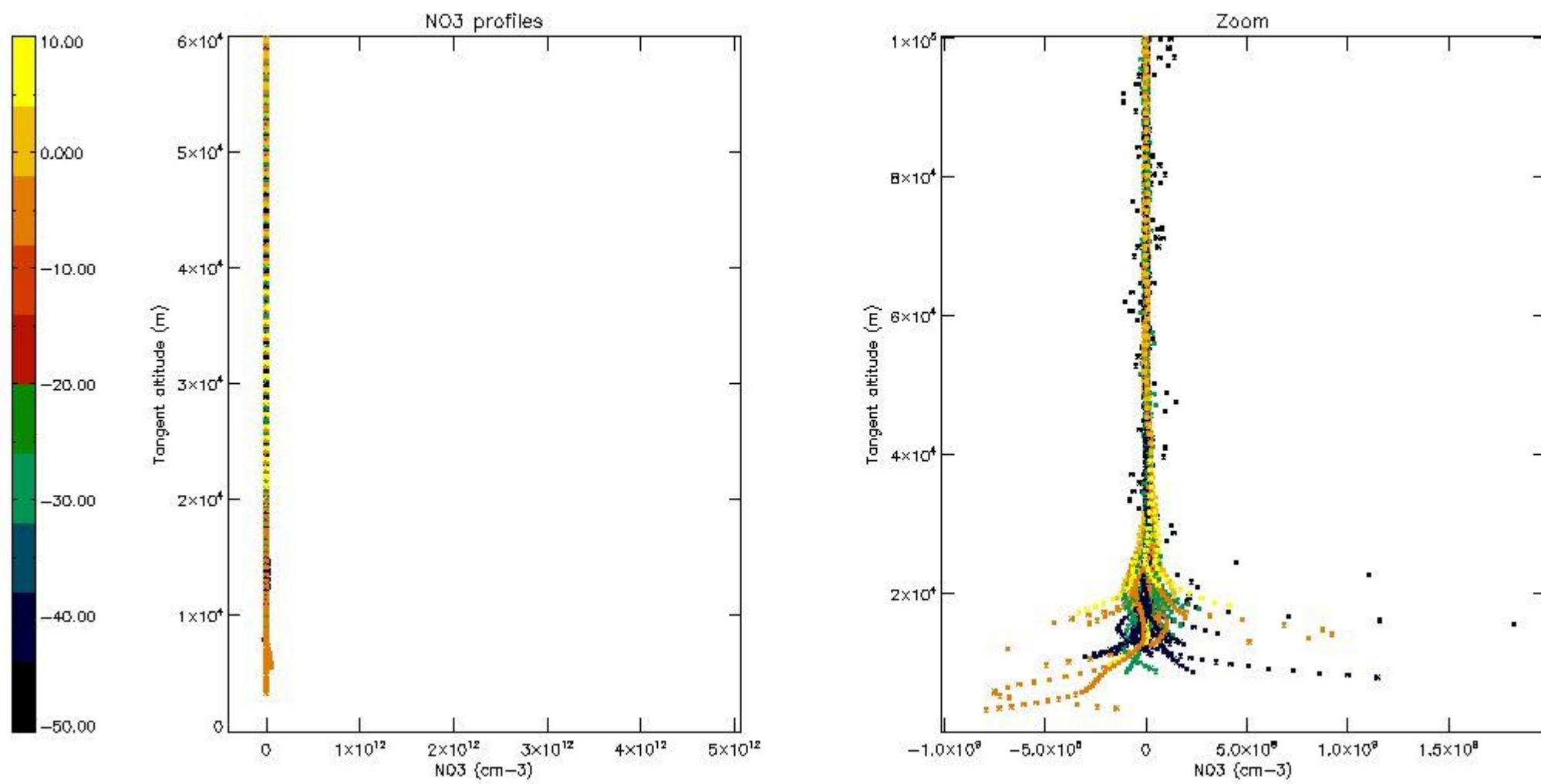
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



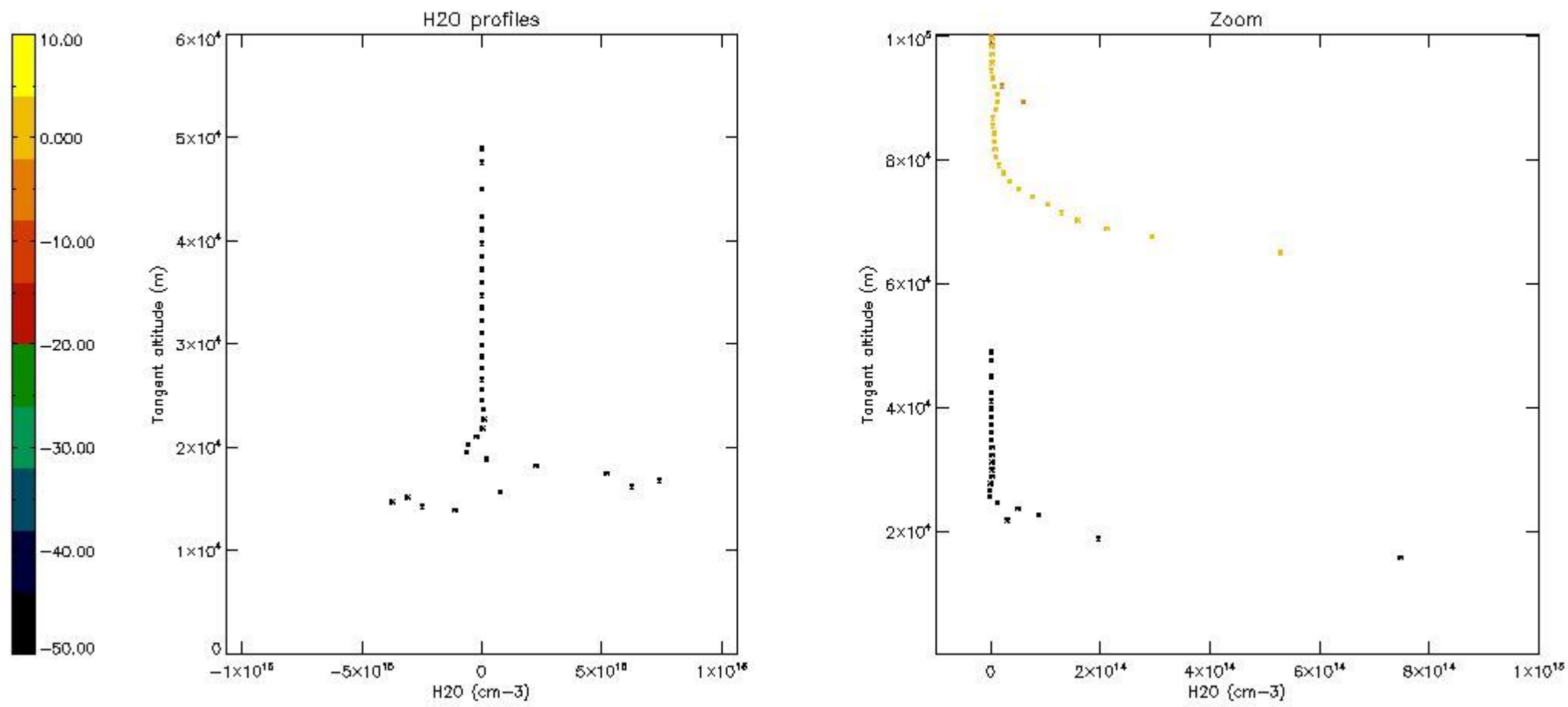
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

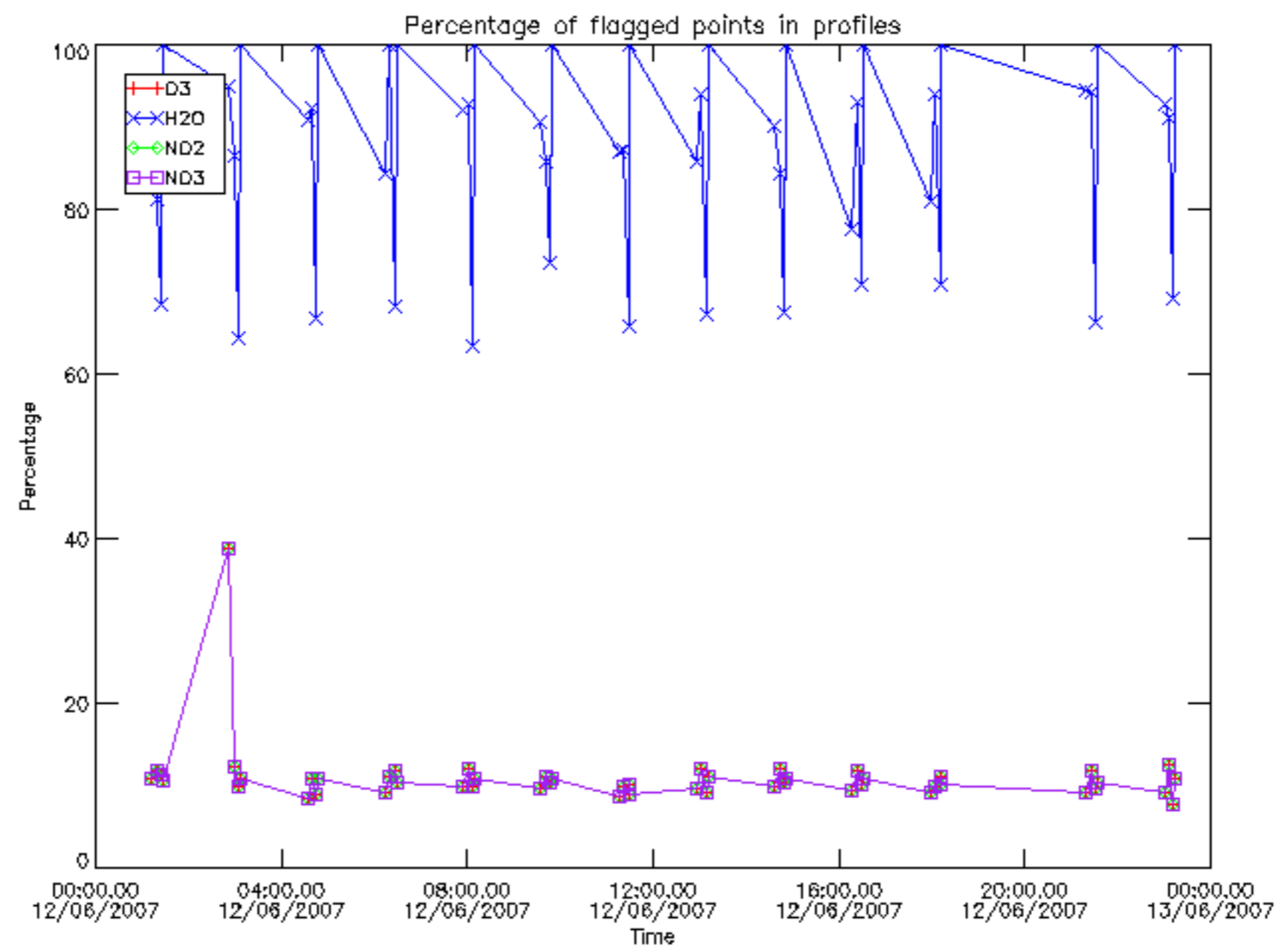
The colorbar represents the latitude.



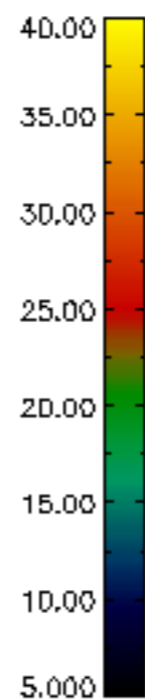
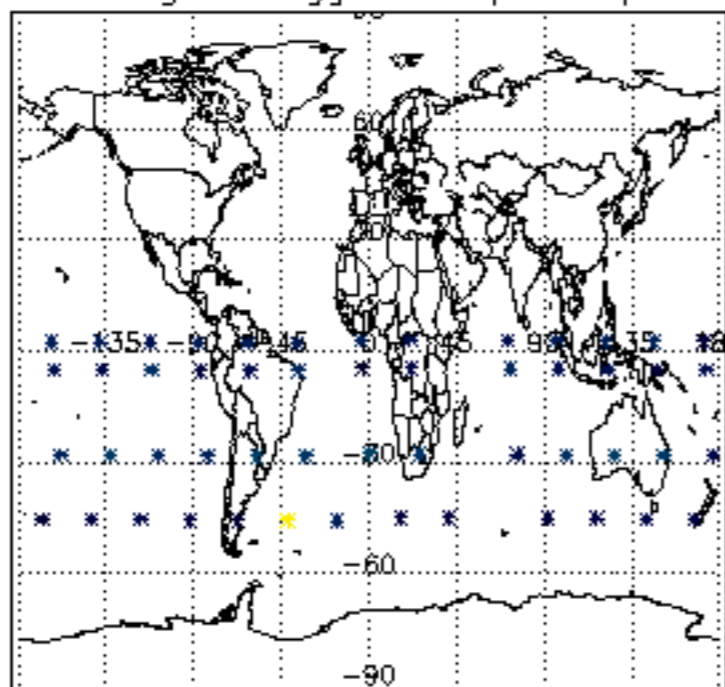
6. Auxiliary Data Files used for the production reported in section 2

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

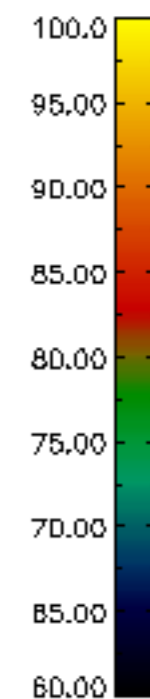
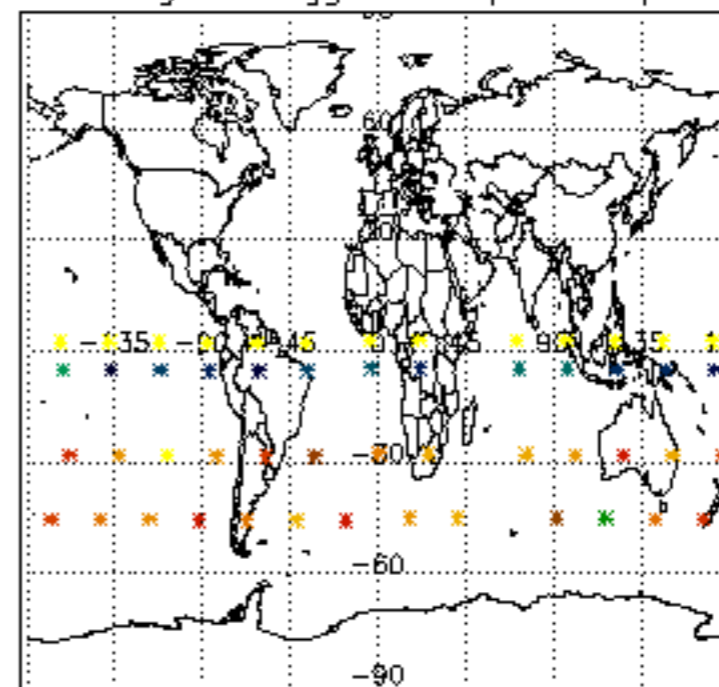
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	12-JUN-2007 00:00:12
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	12-JUN-2007 00:00:12
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	12-JUN-2007 00:00:12



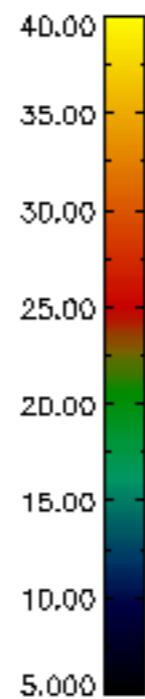
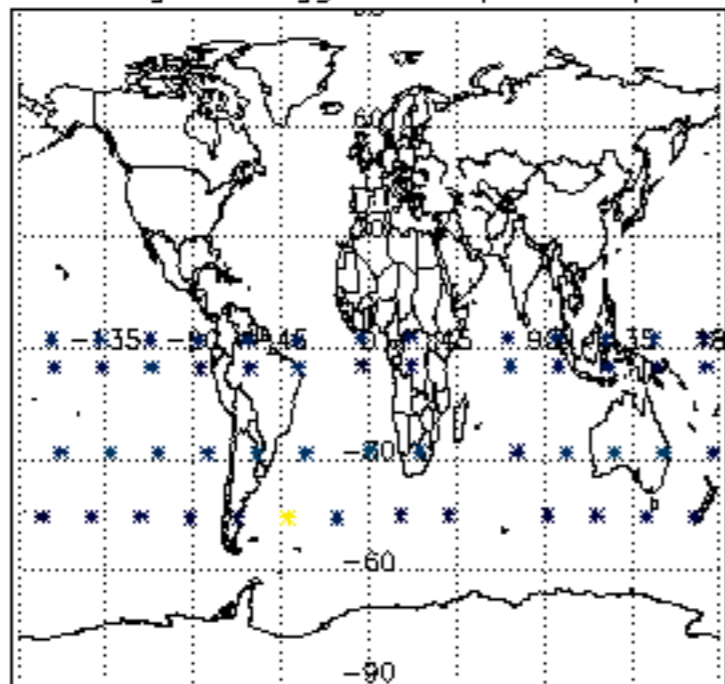
Percentage of flagged data per D3 profile



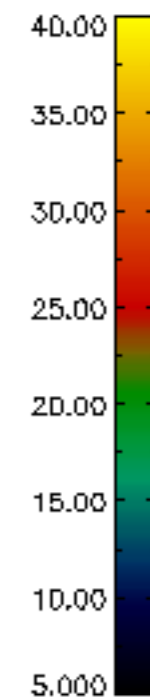
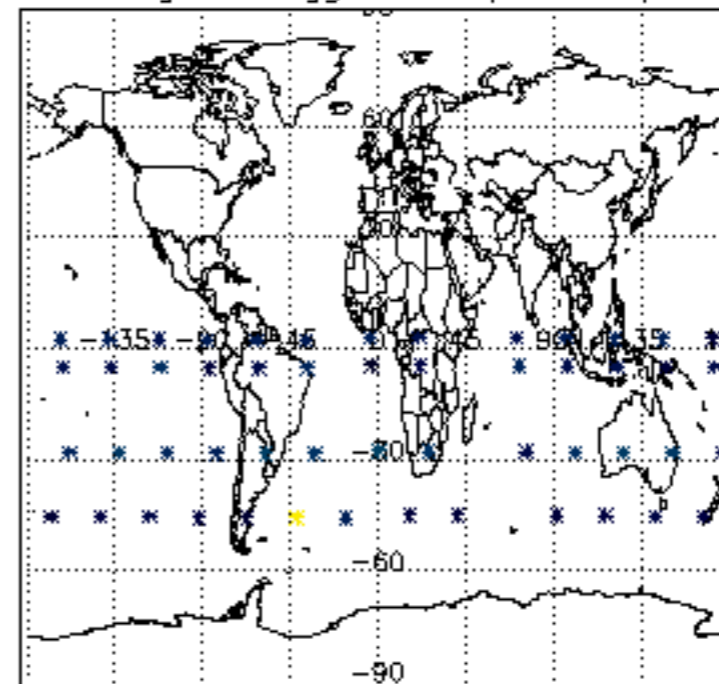
Percentage of flagged data per H2O profile

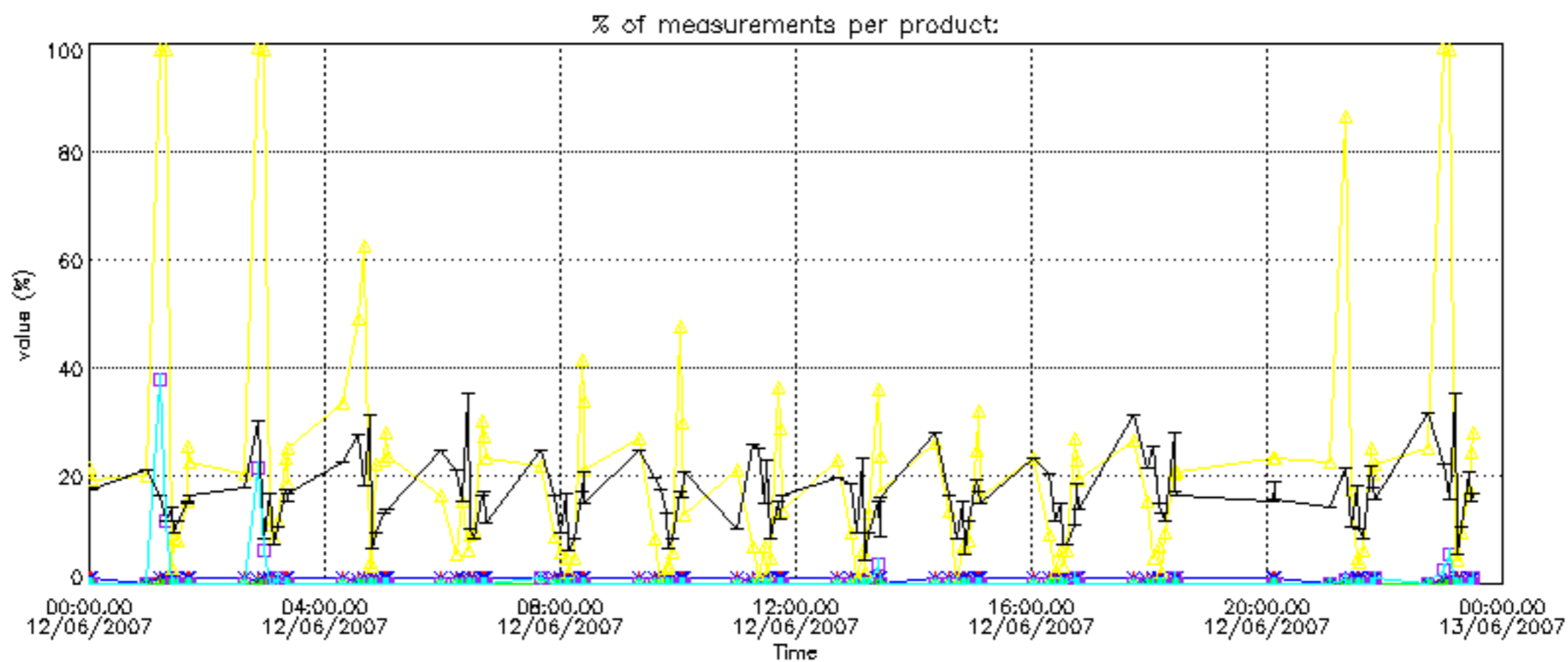


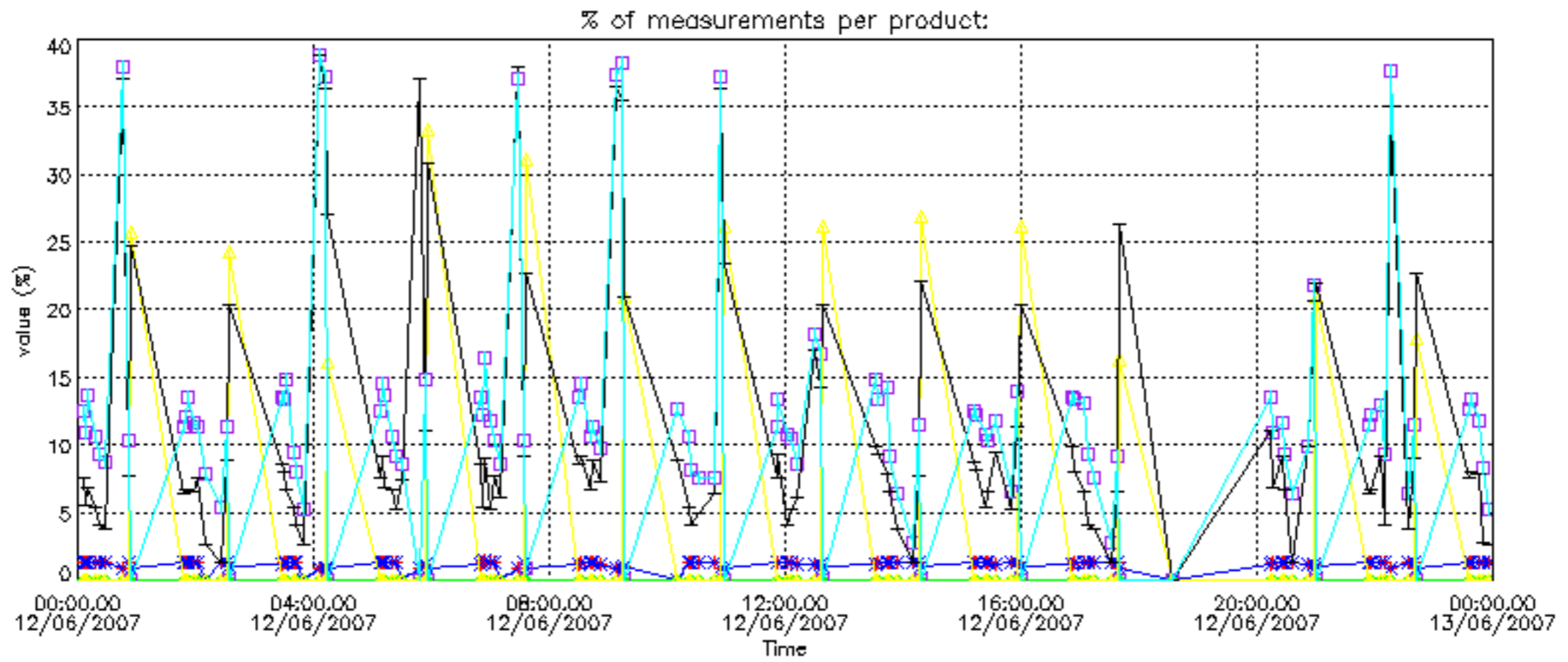
Percentage of flagged data per NO2 profile



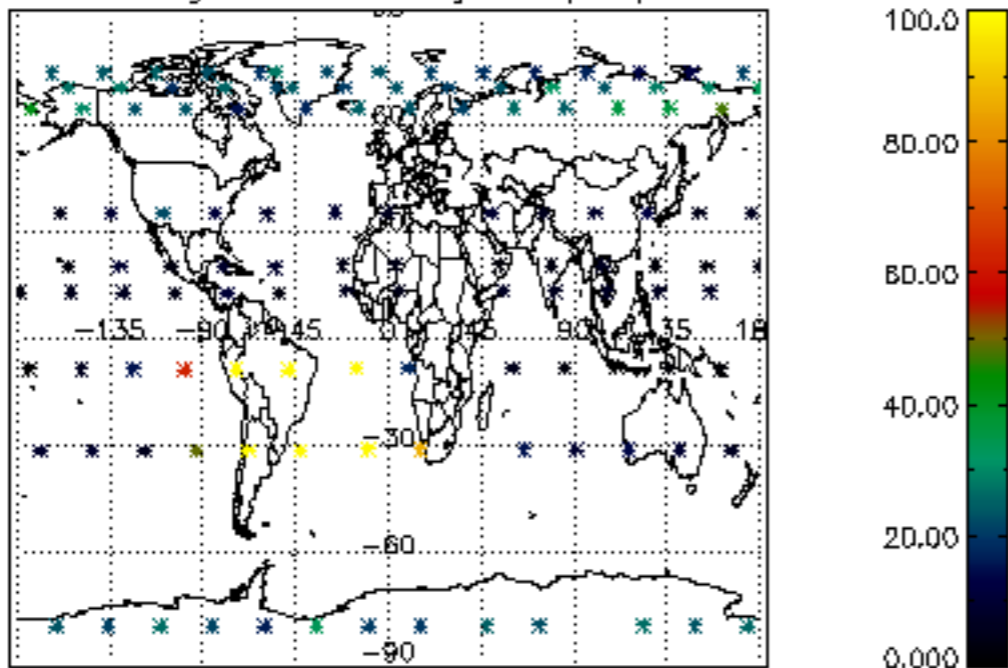
Percentage of flagged data per NO3 profile



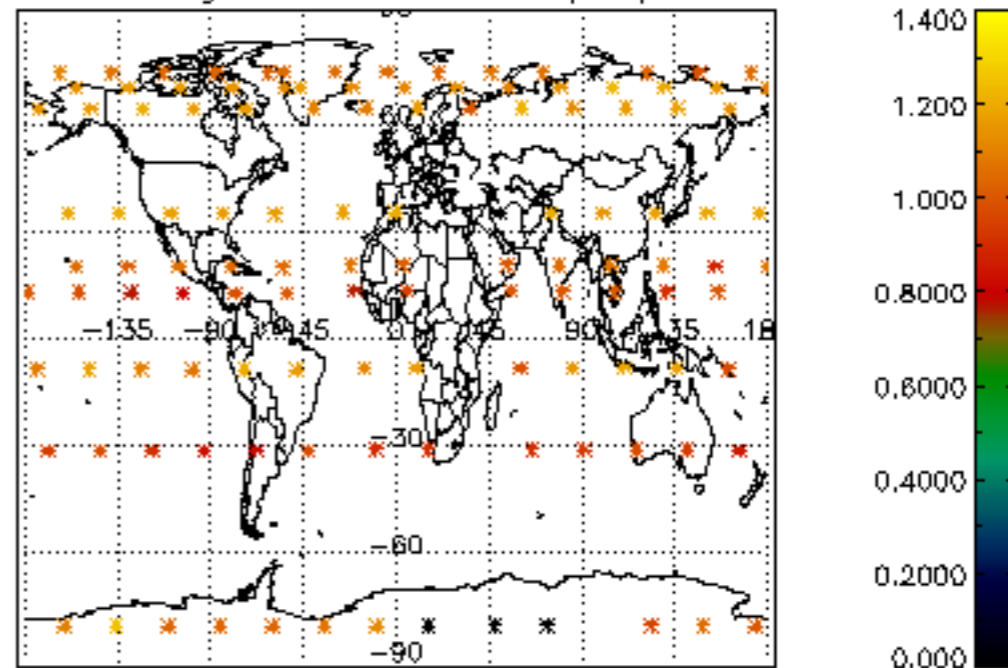




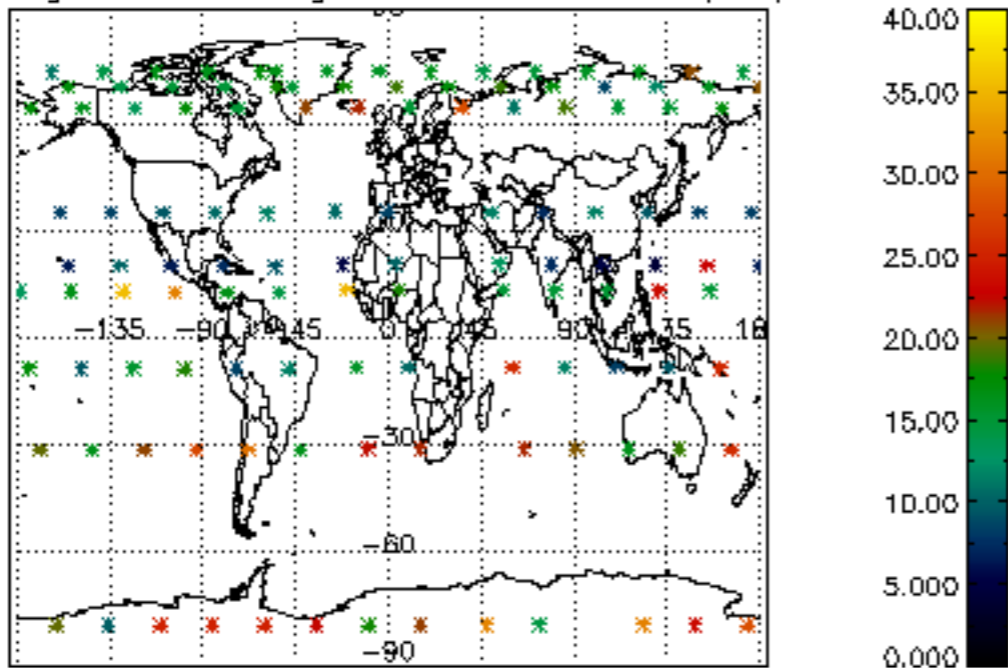
Percentage of cosmic ray hits per profile



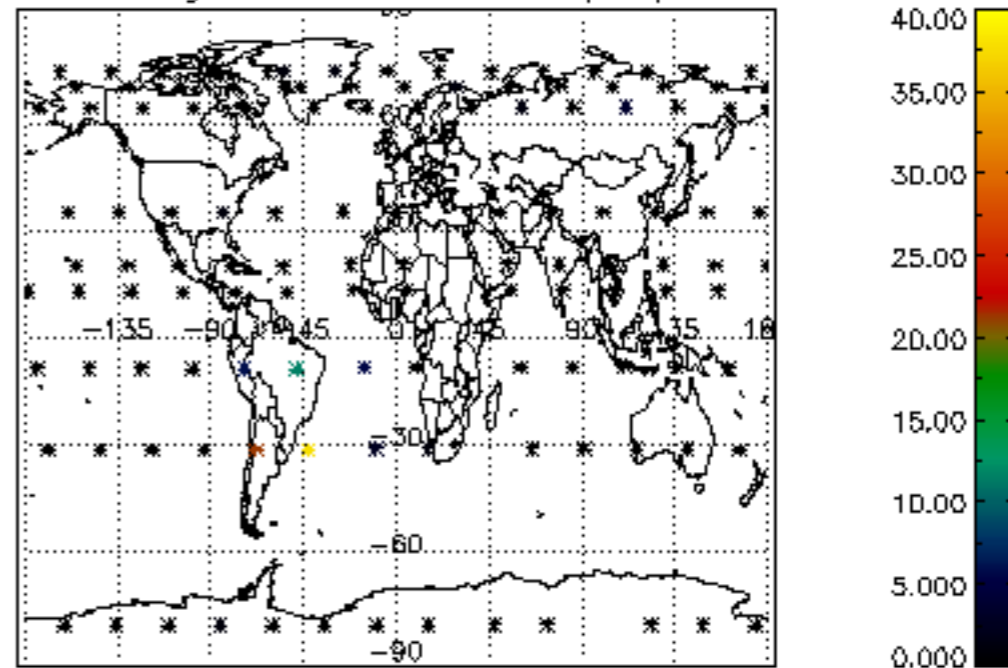
Percentage of datation errors per profile



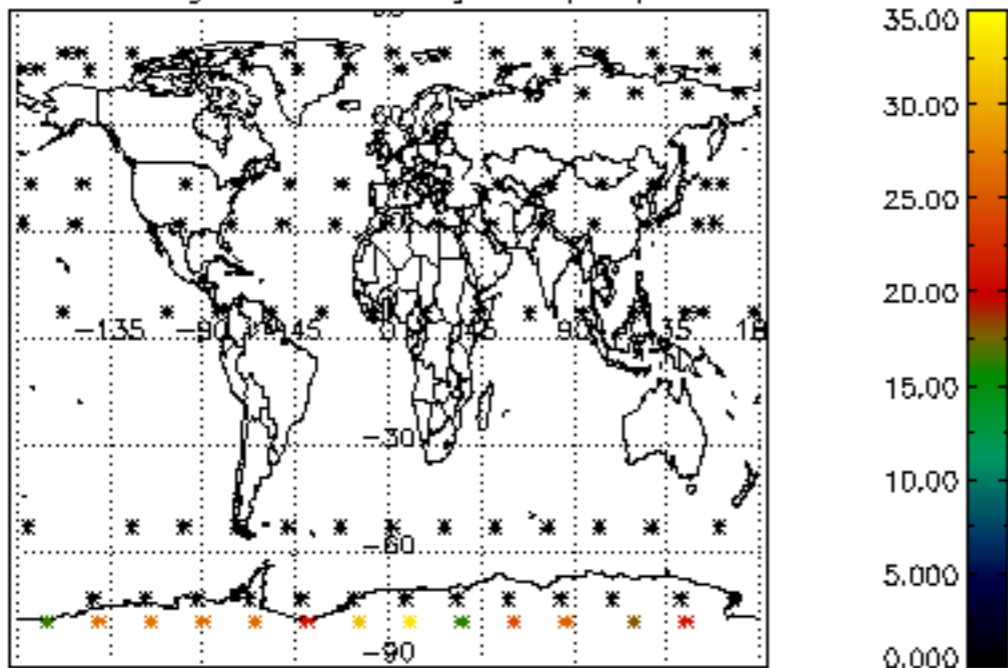
Percentage of star falling outside central band per profile



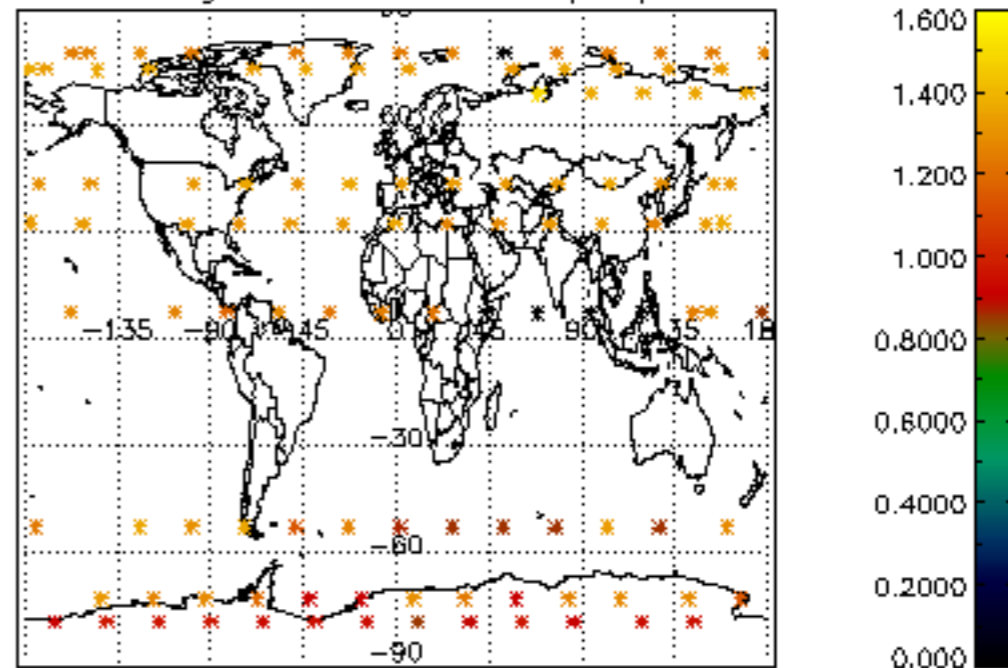
Percentage of saturation errors per profile



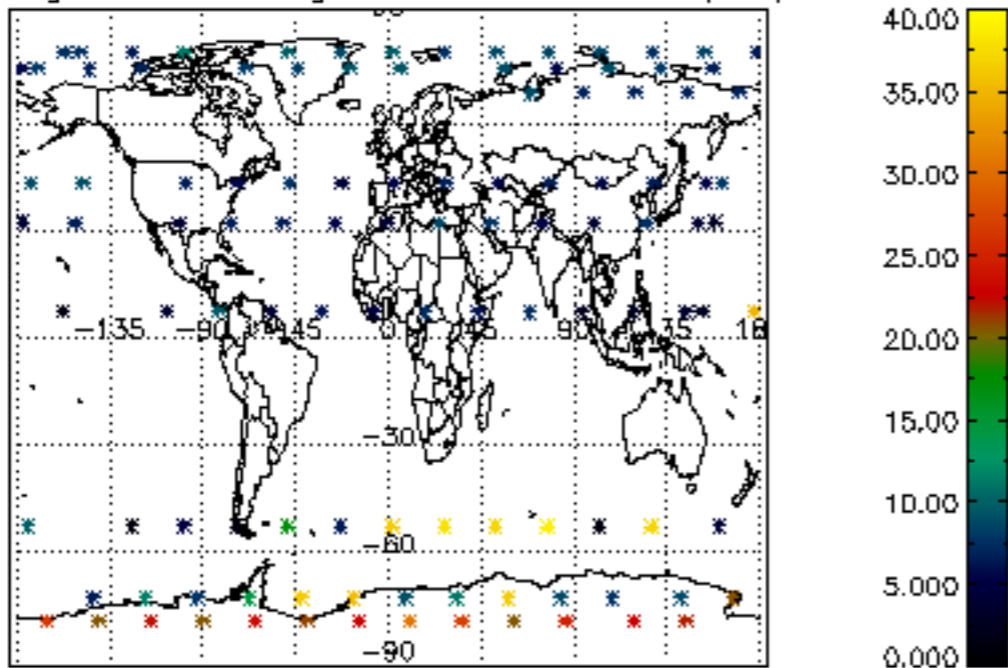
Percentage of cosmic ray hits per profile



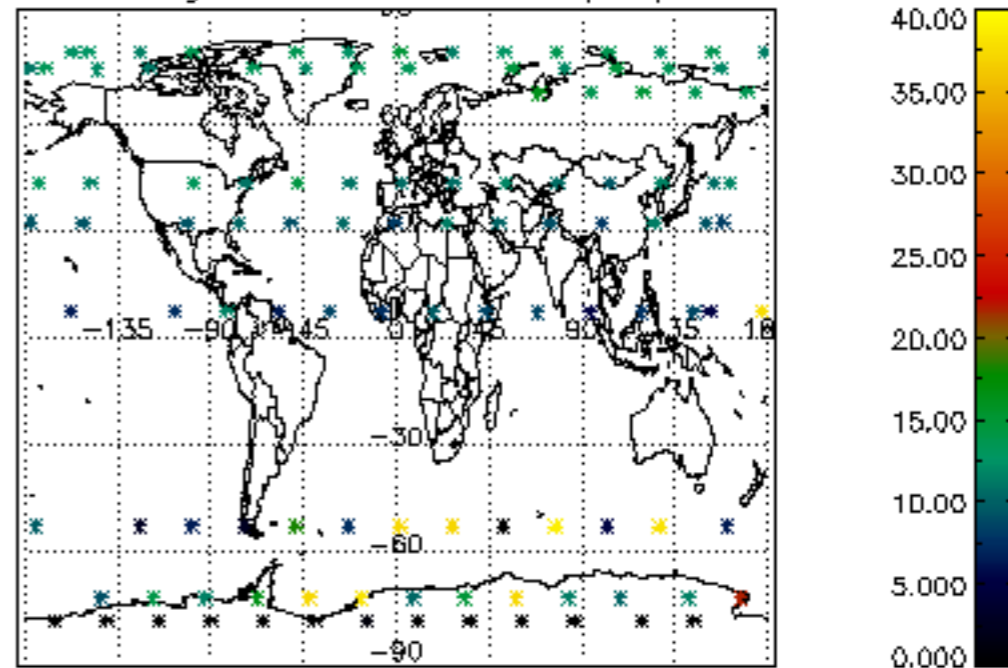
Percentage of datation errors per profile

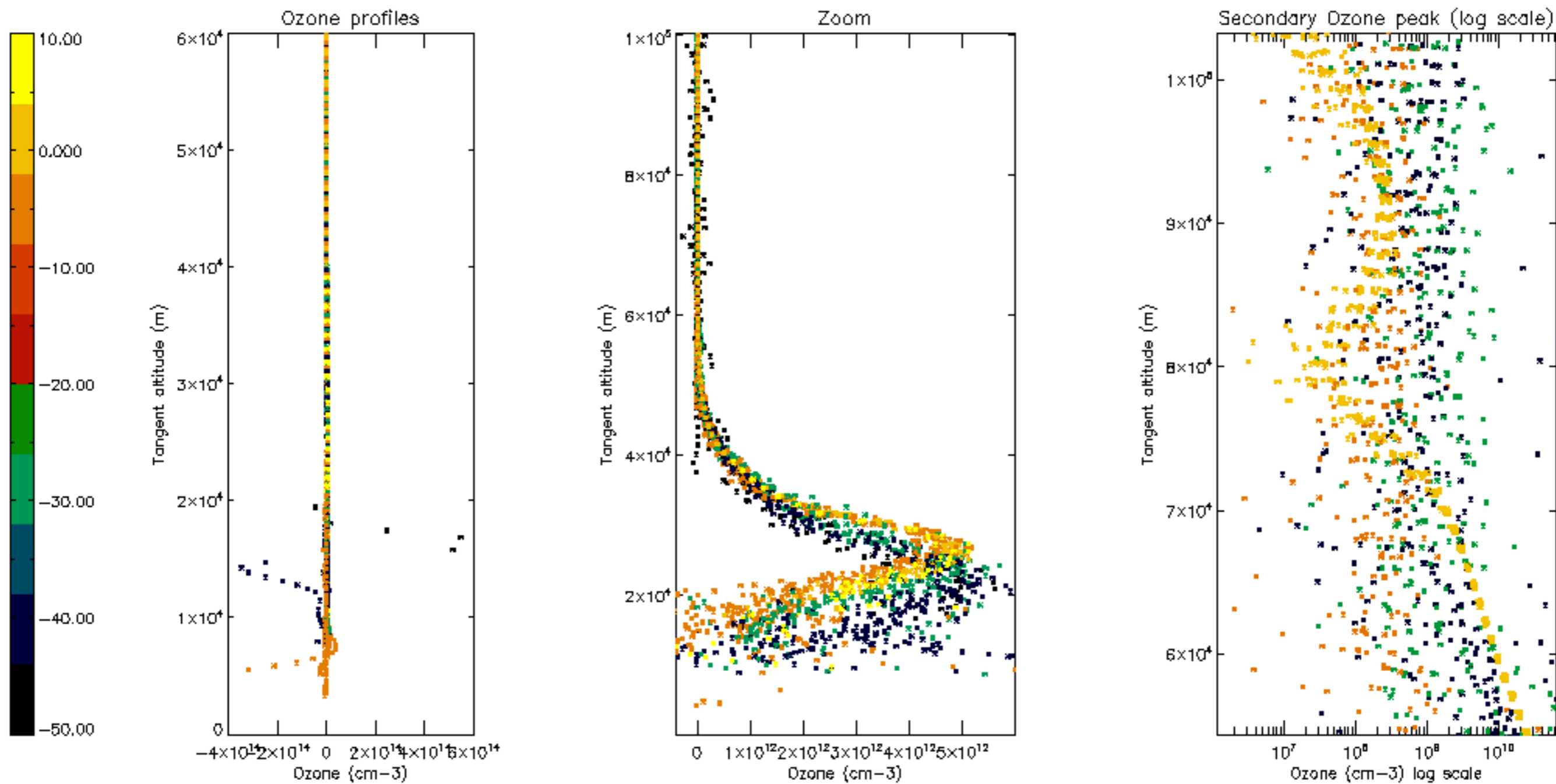


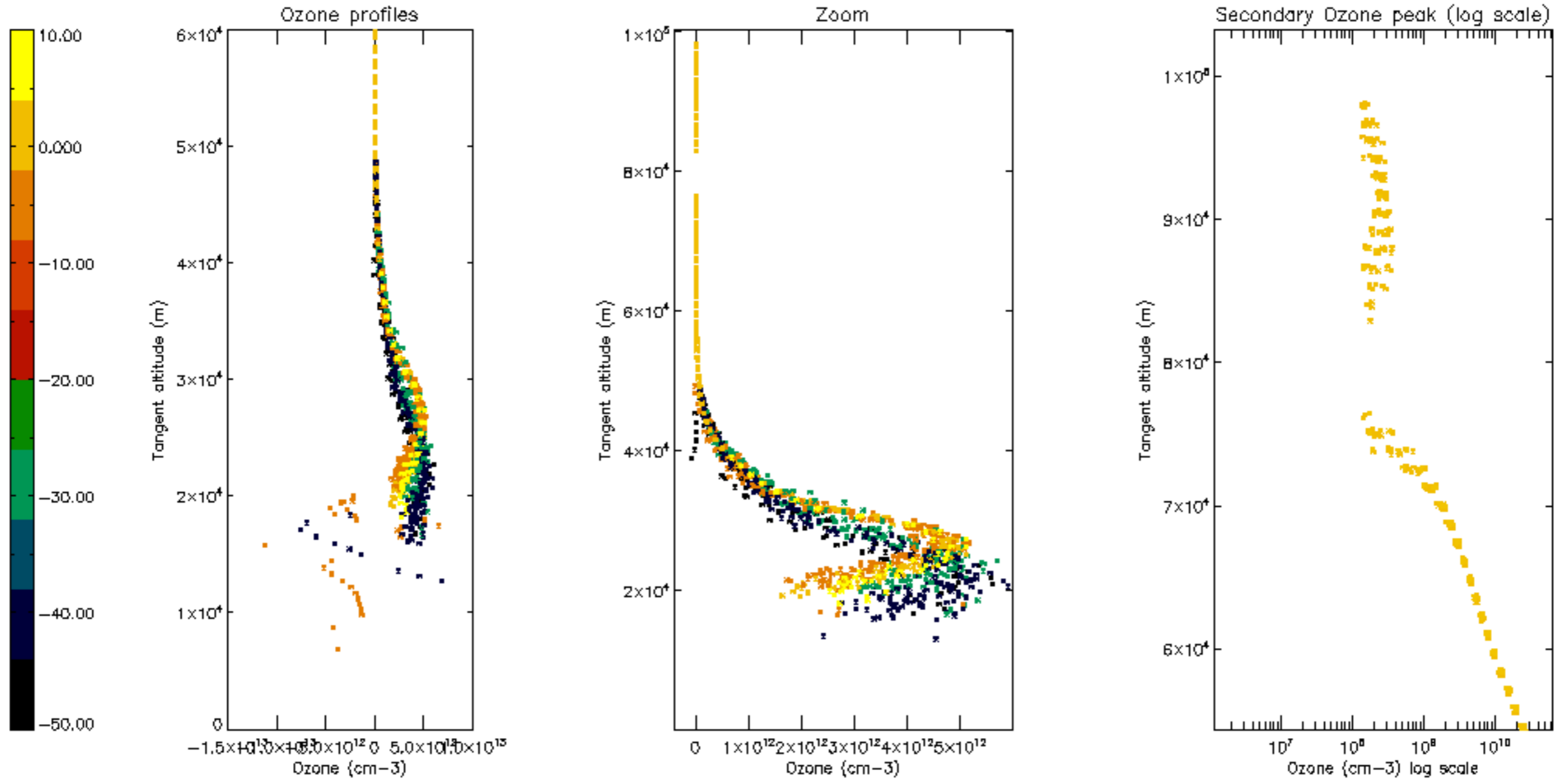
Percentage of star falling outside central band per profile

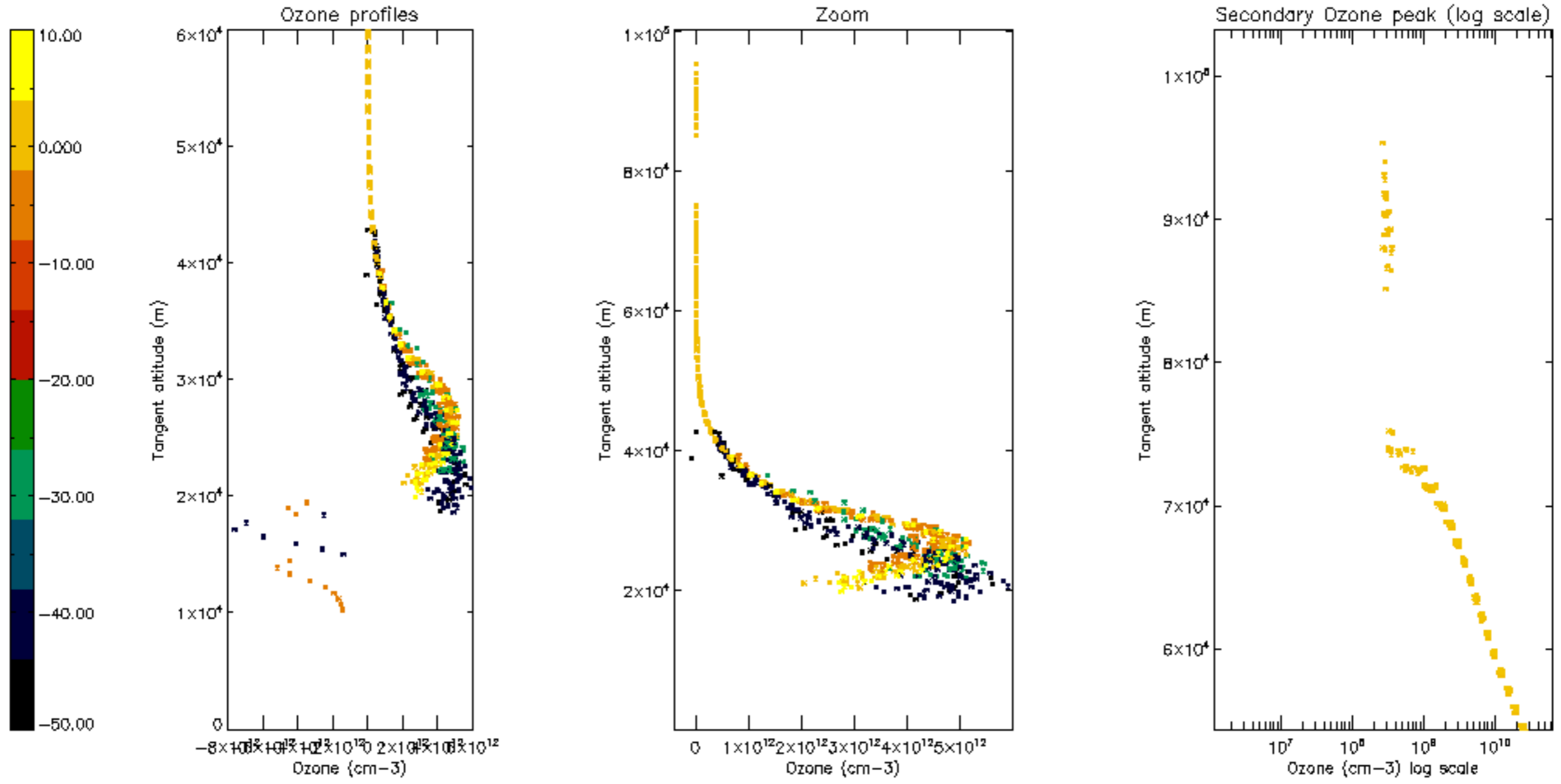


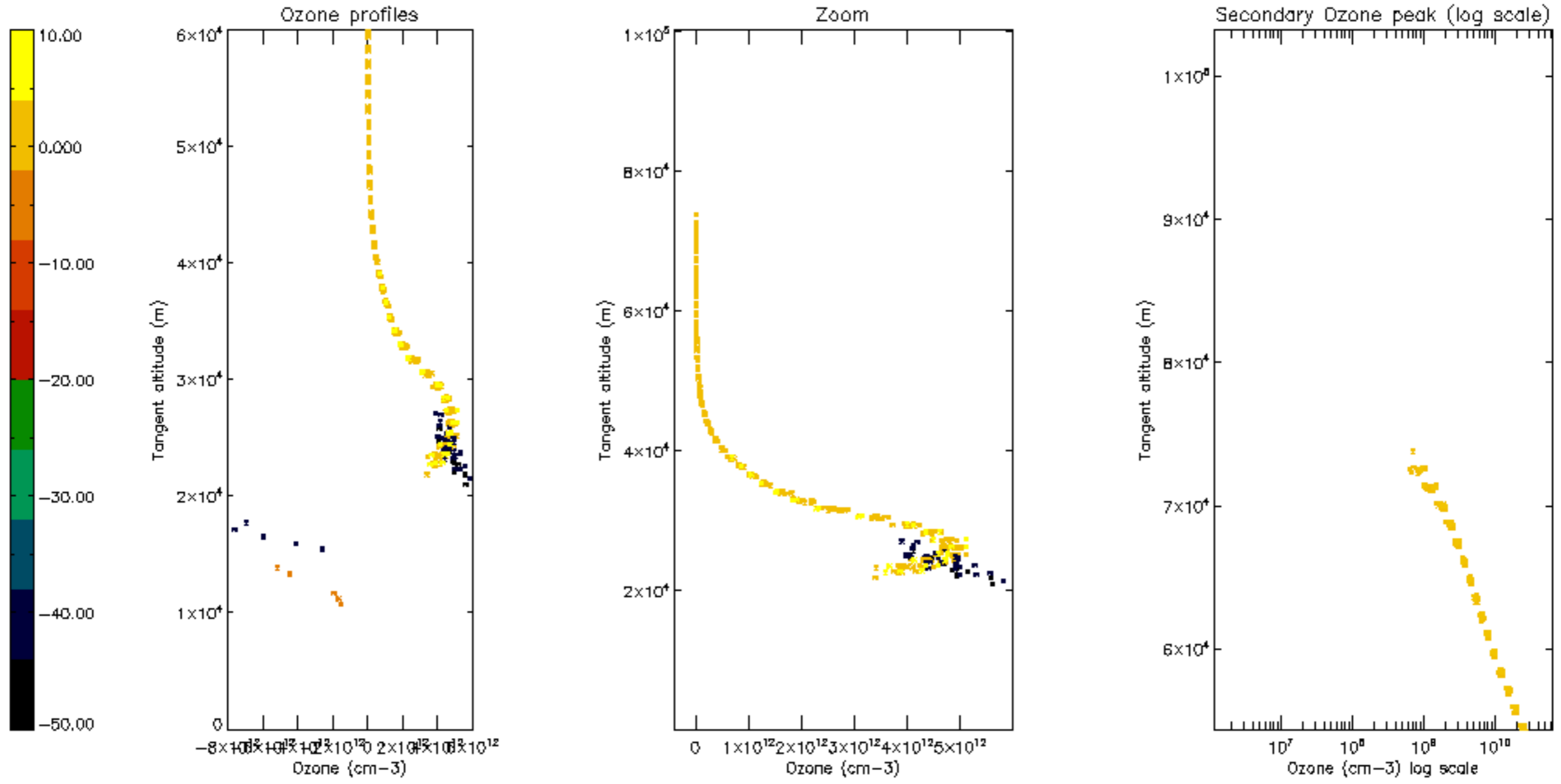
Percentage of saturation errors per profile

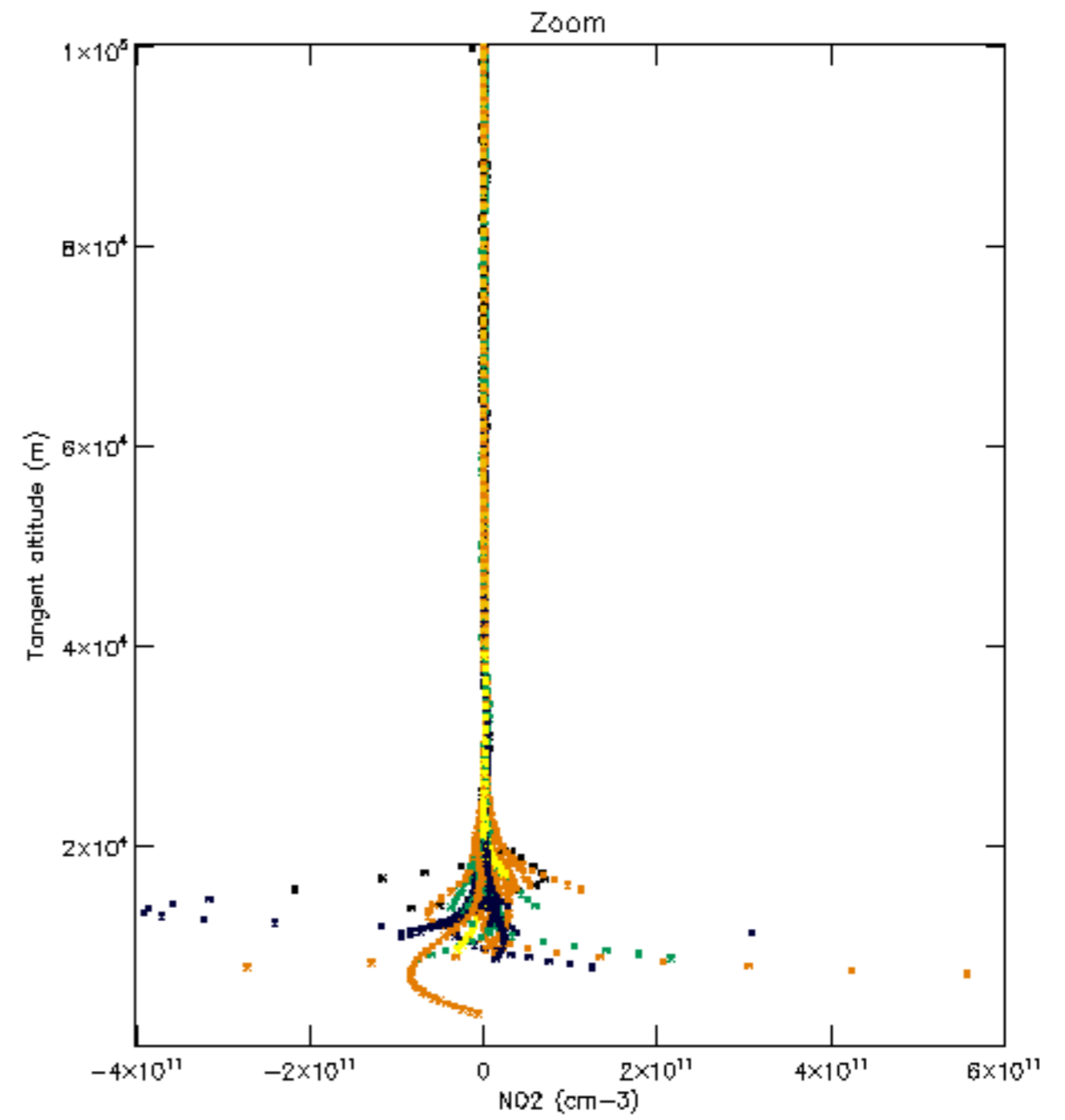
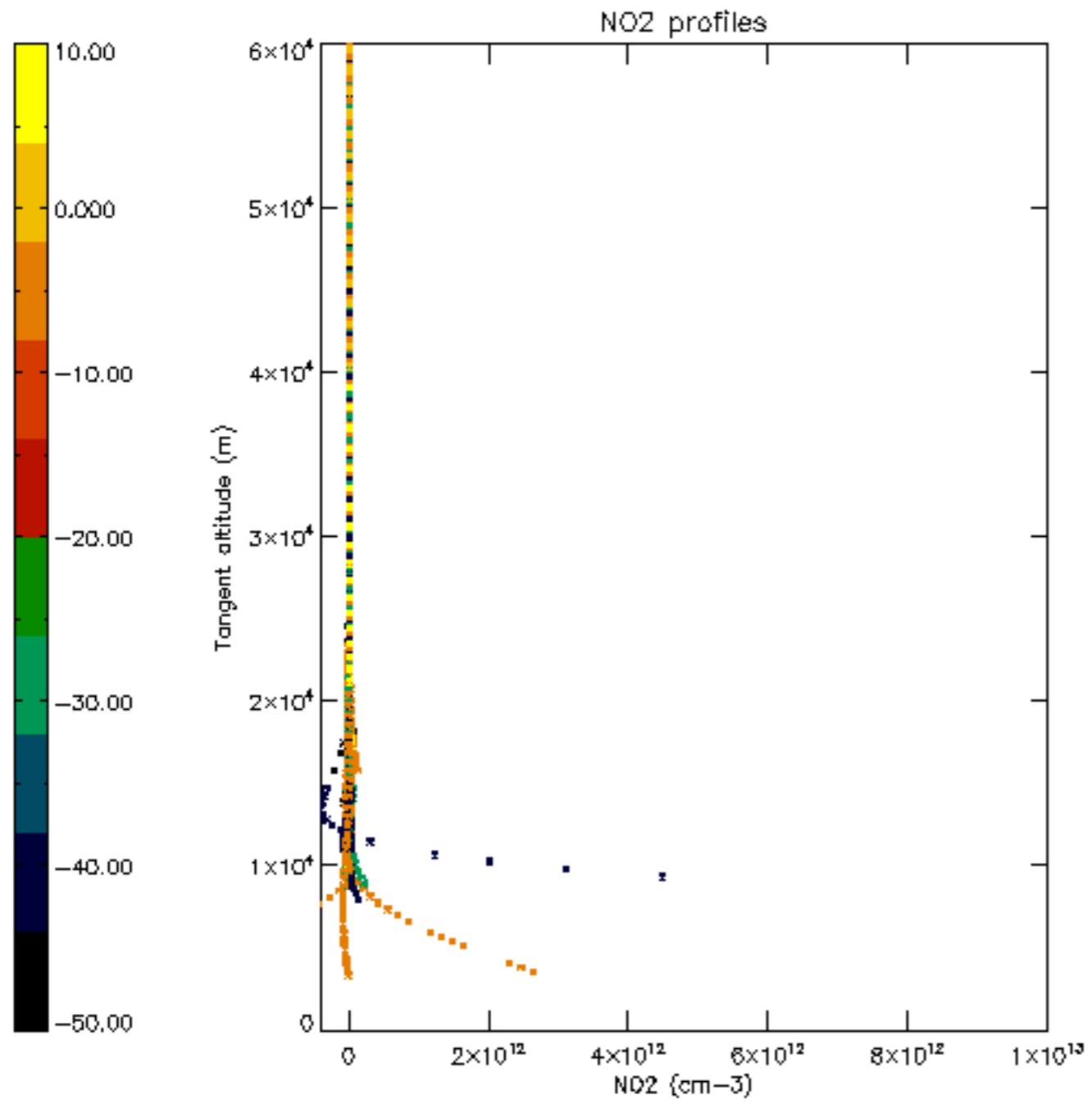


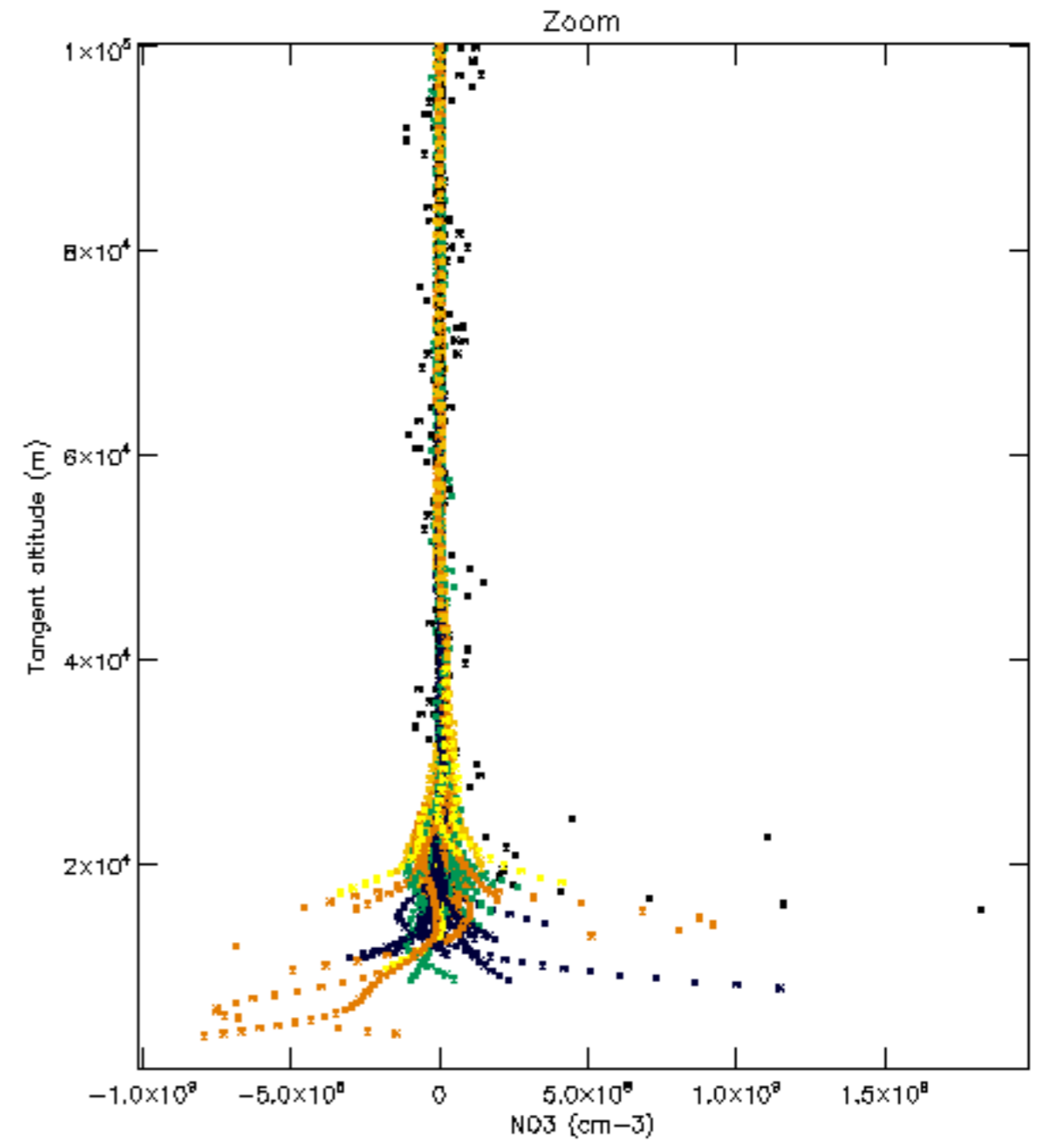
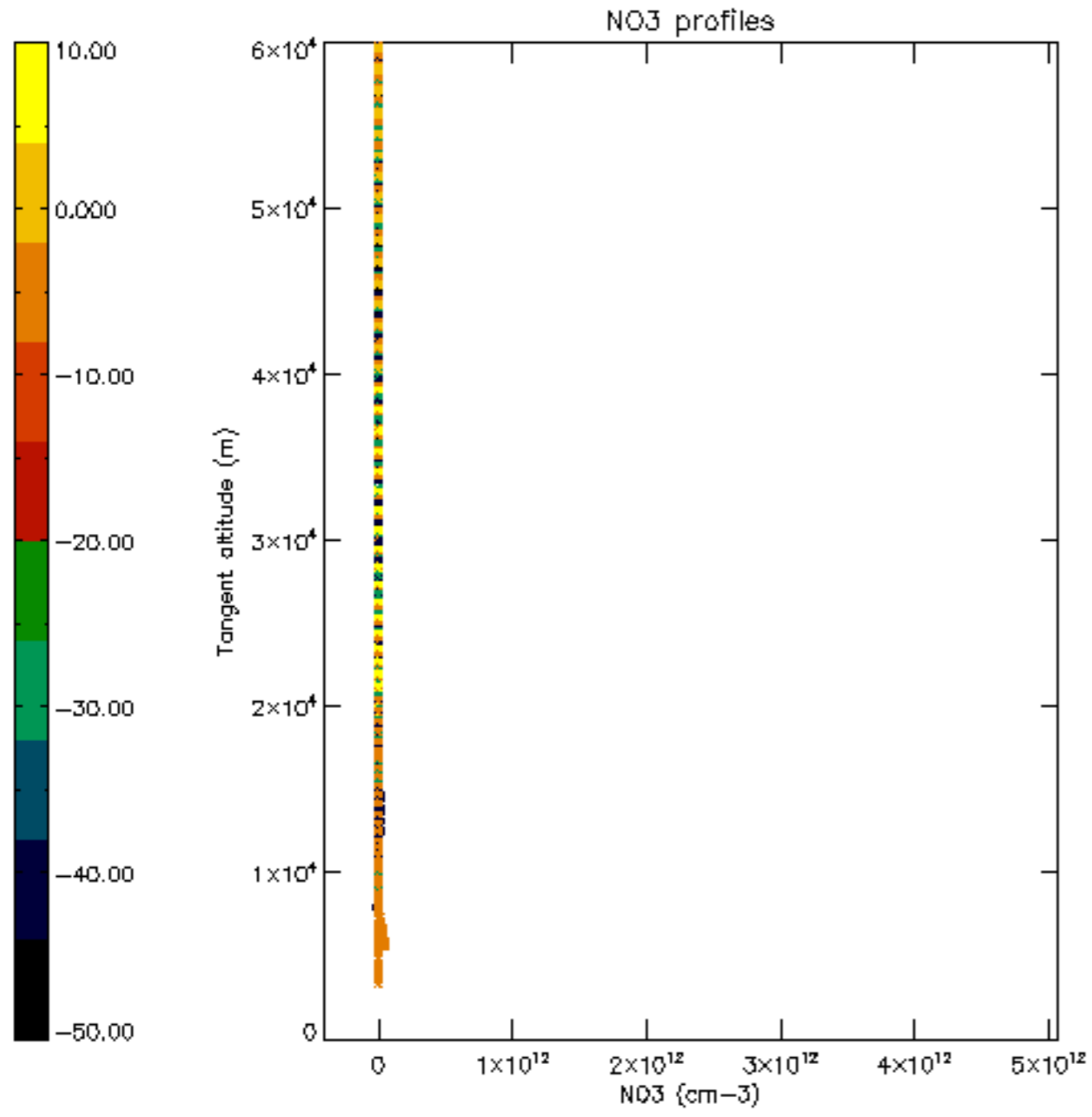


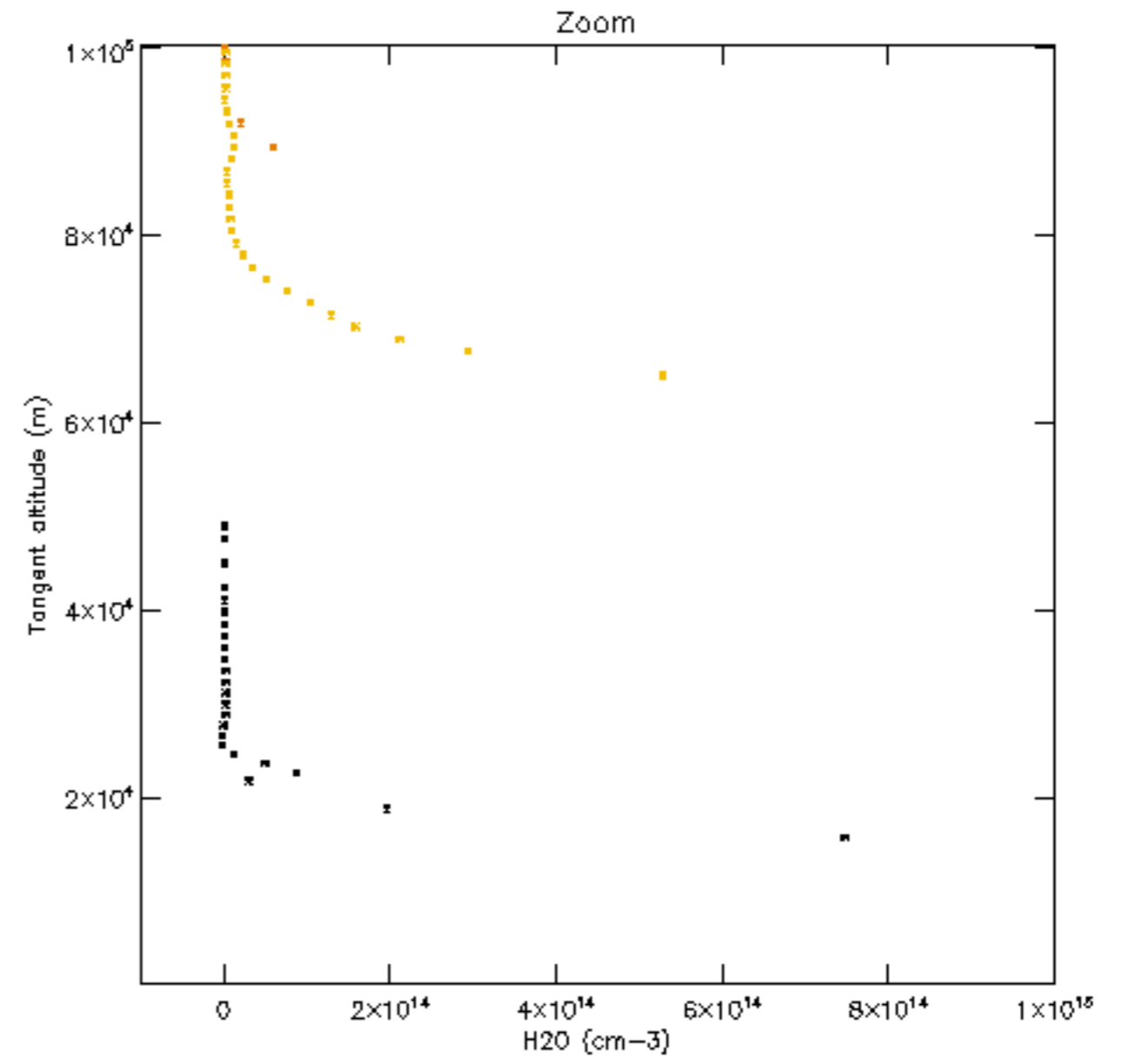
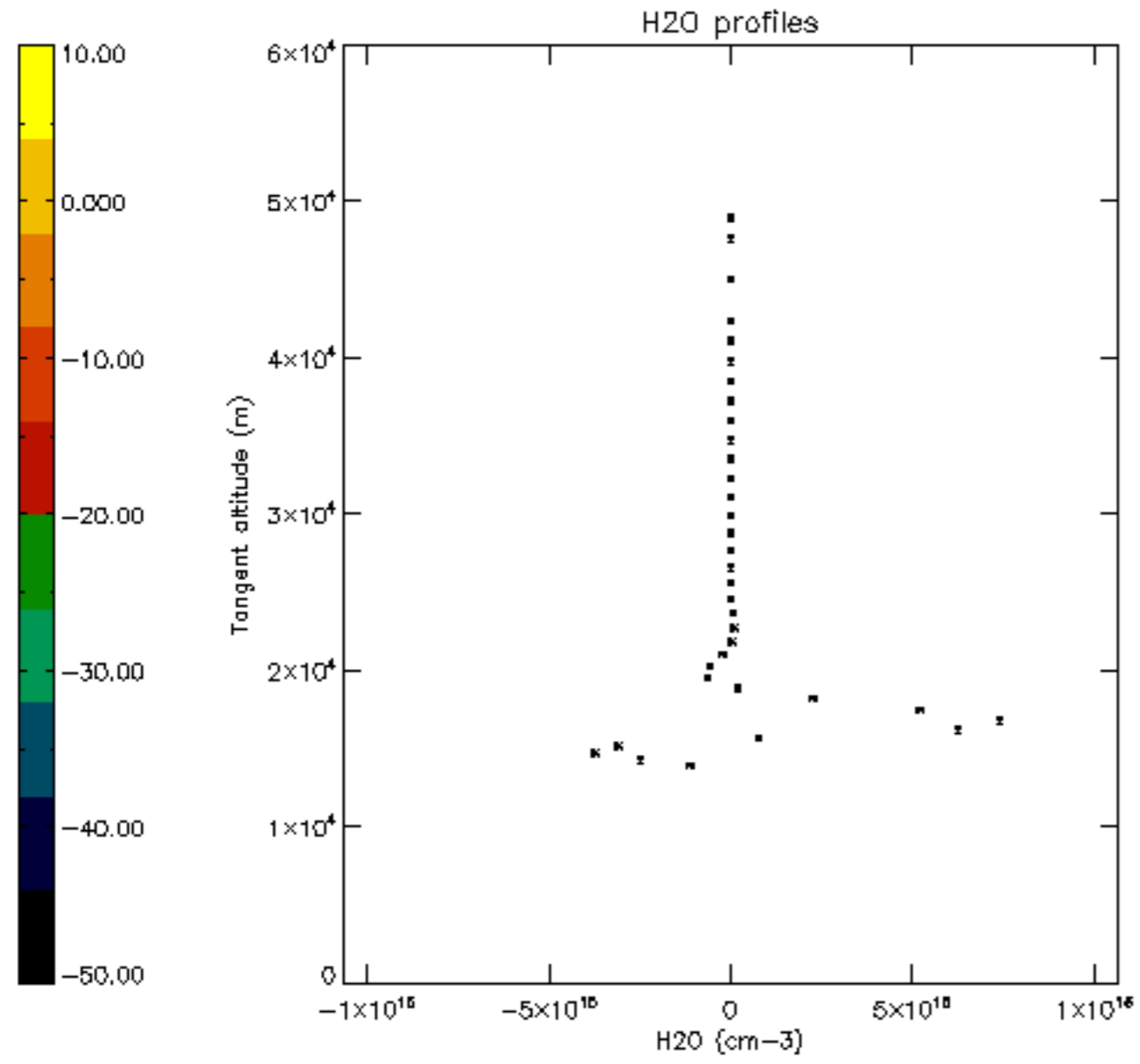


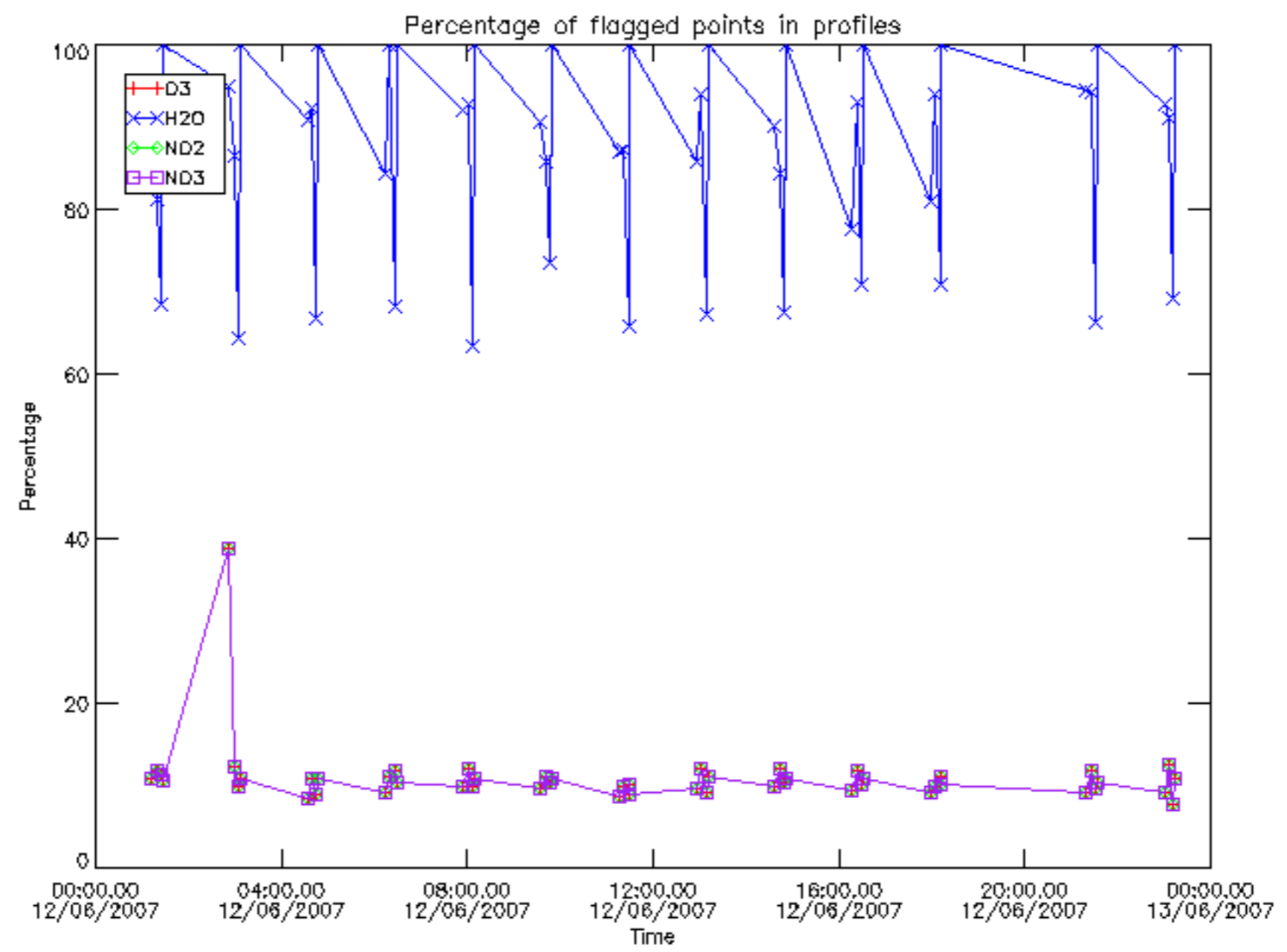




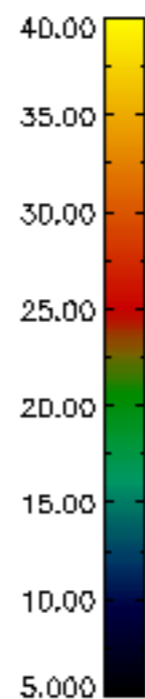
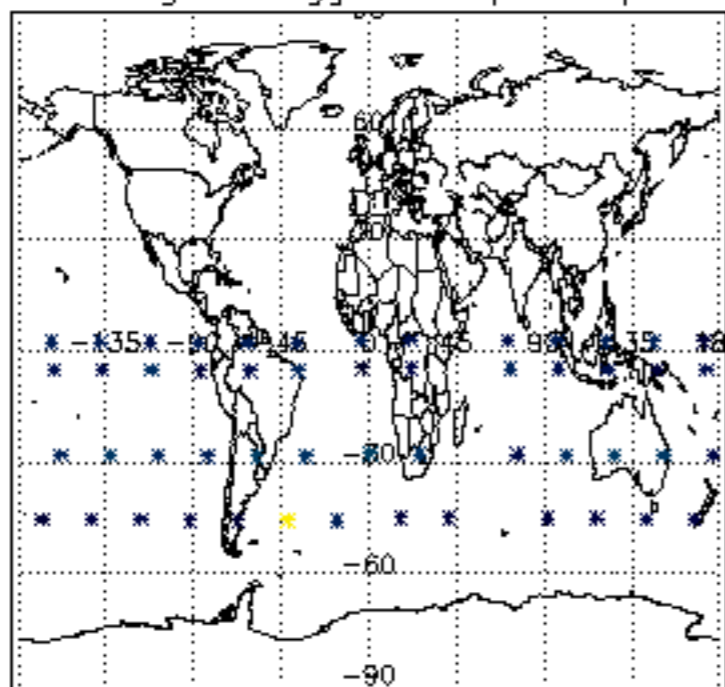




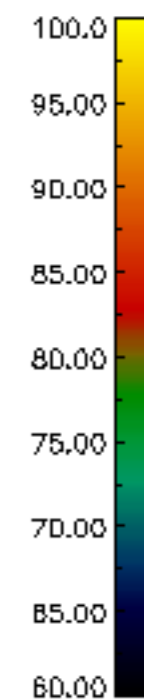
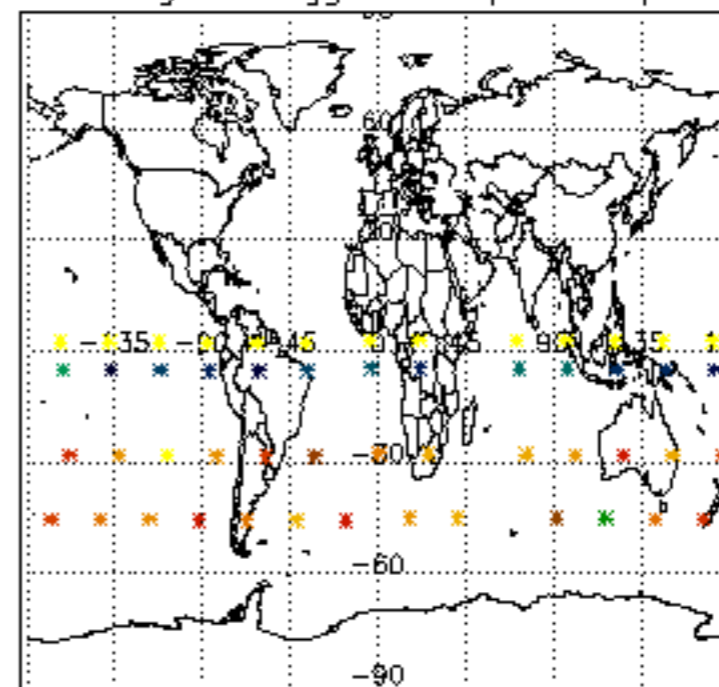




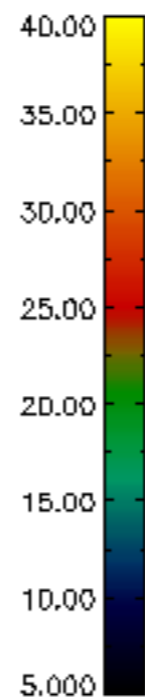
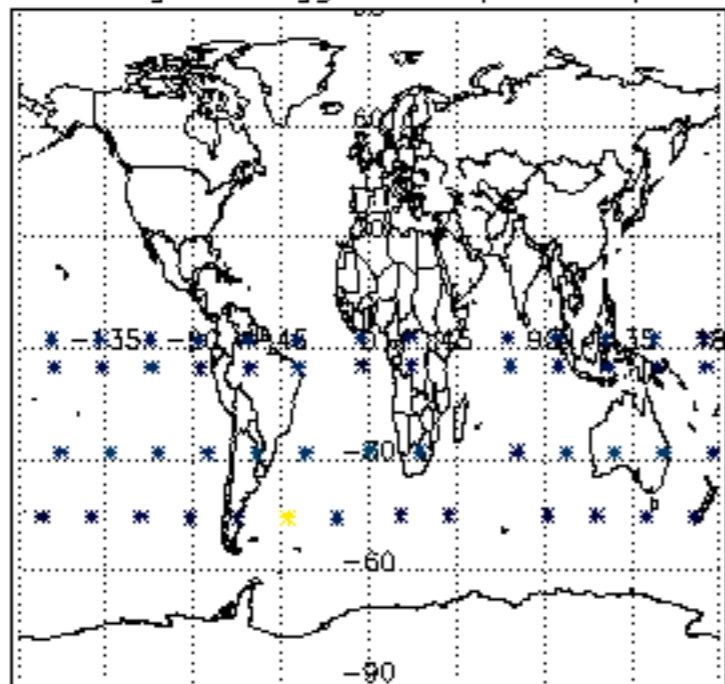
Percentage of flagged data per D3 profile



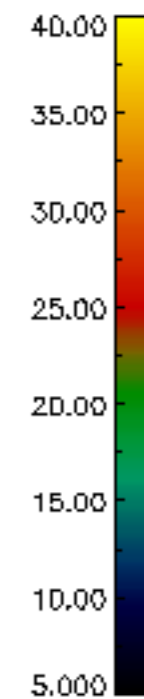
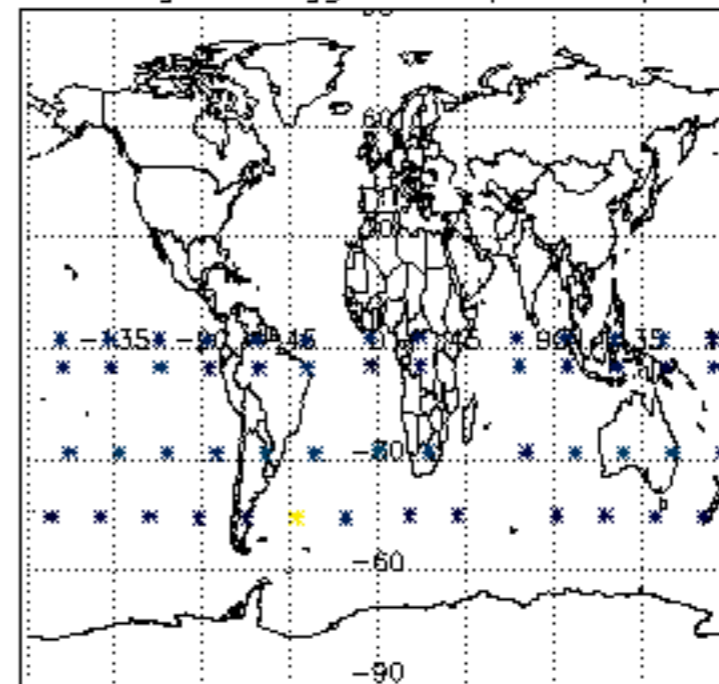
Percentage of flagged data per H2O profile

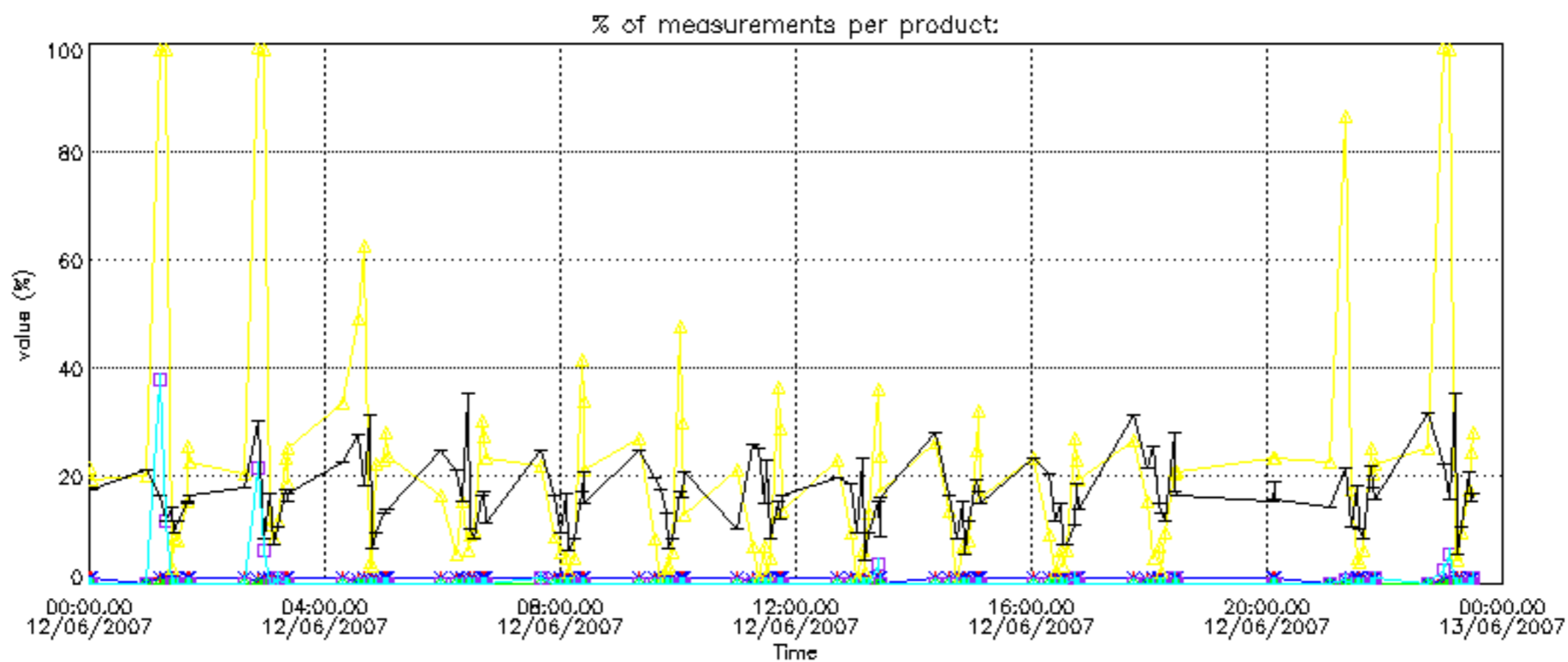


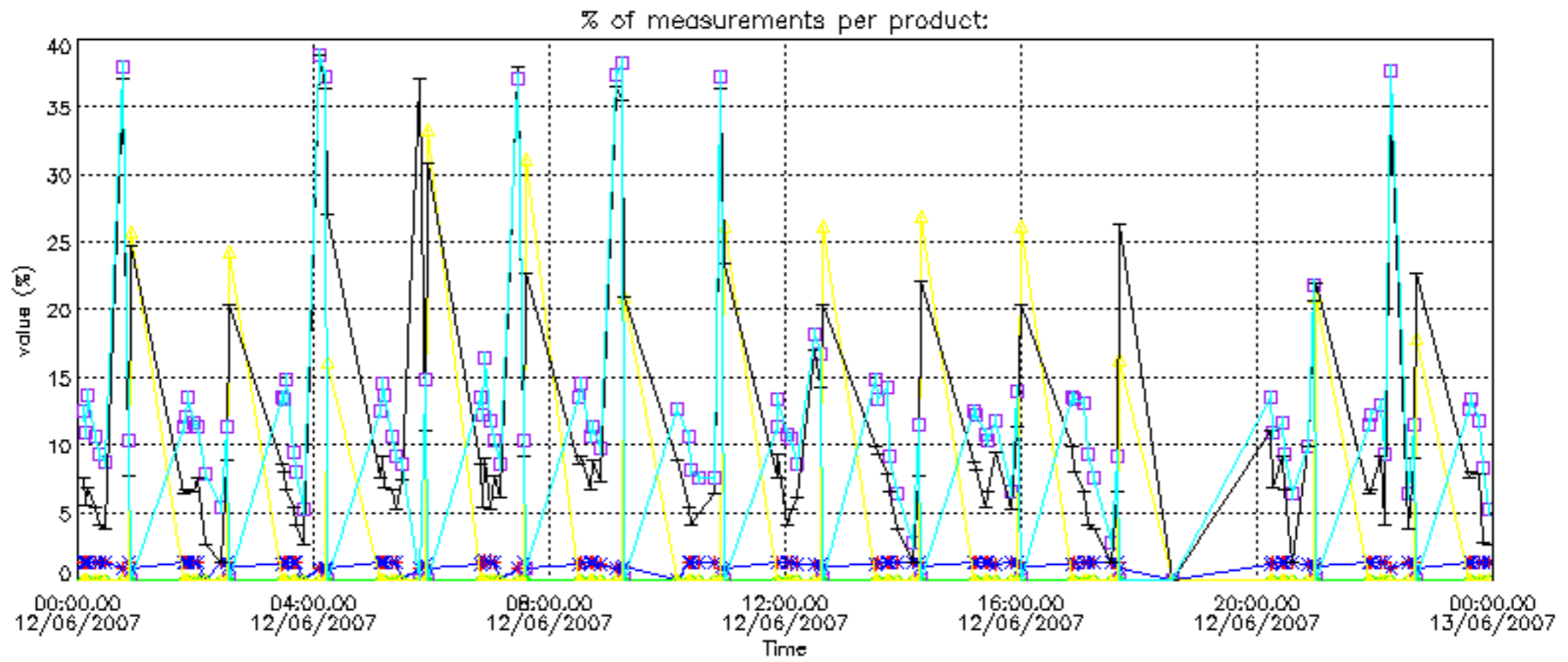
Percentage of flagged data per NO2 profile



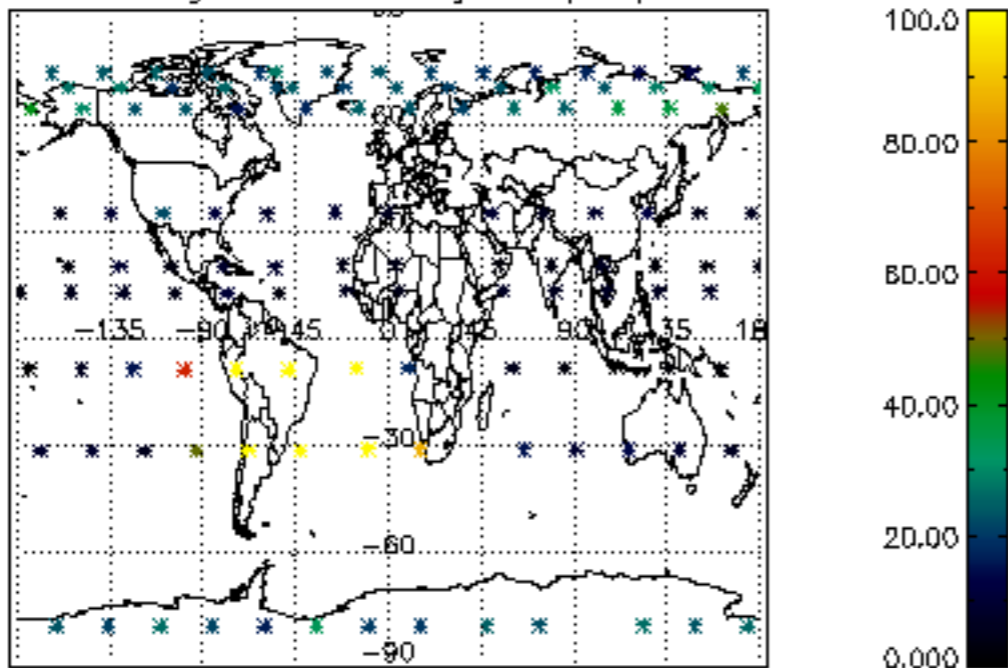
Percentage of flagged data per NO3 profile



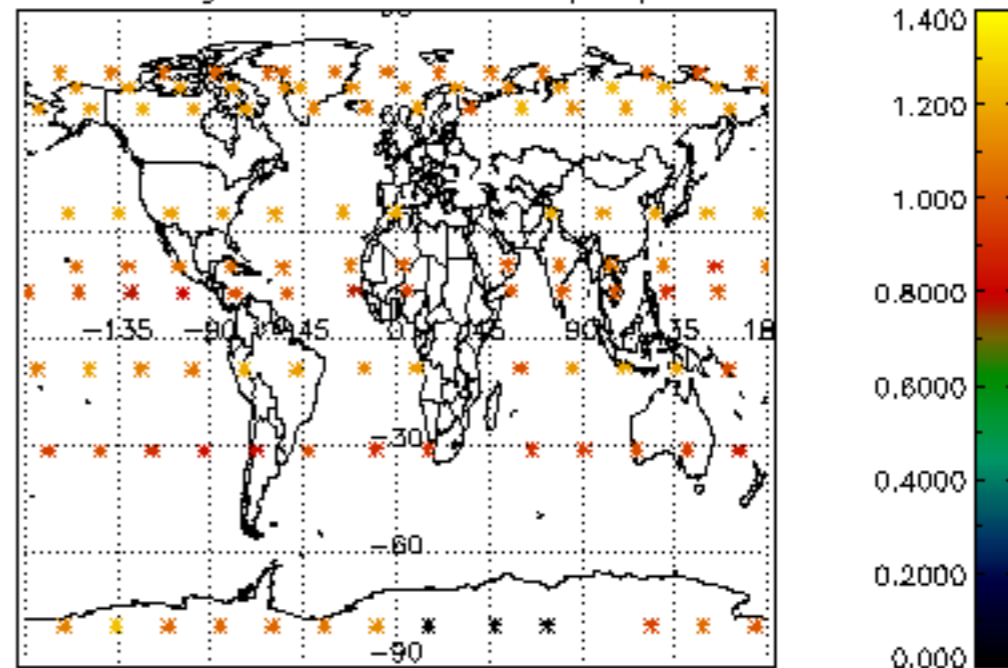




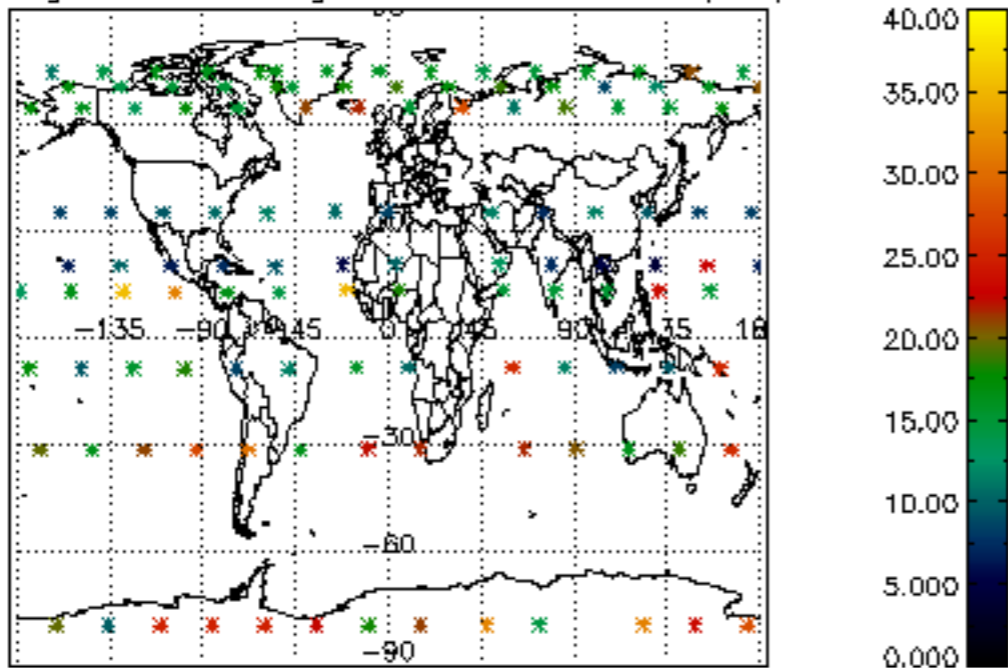
Percentage of cosmic ray hits per profile



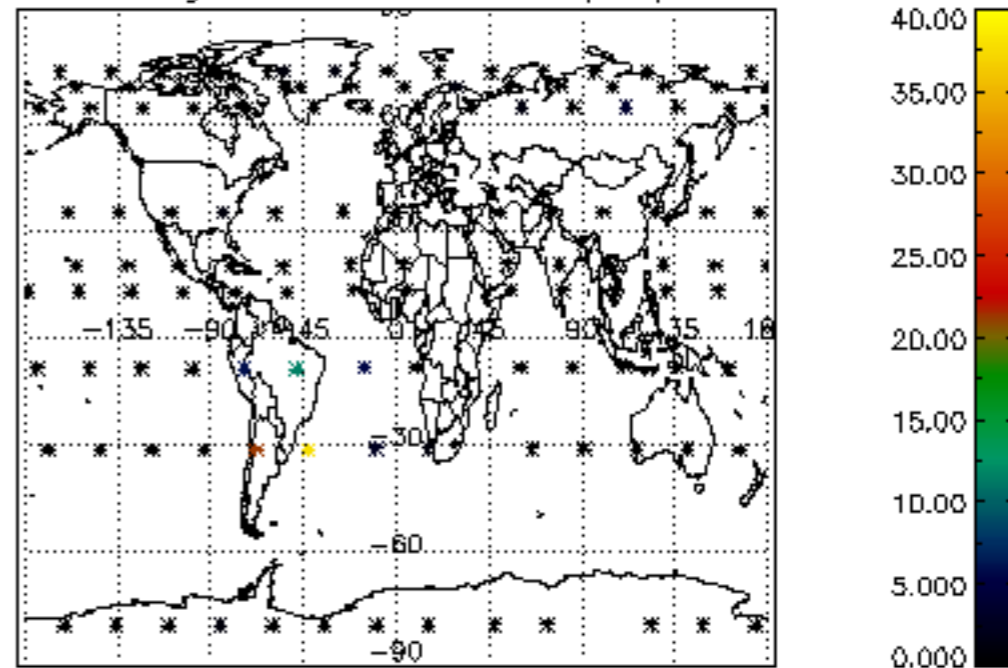
Percentage of datation errors per profile



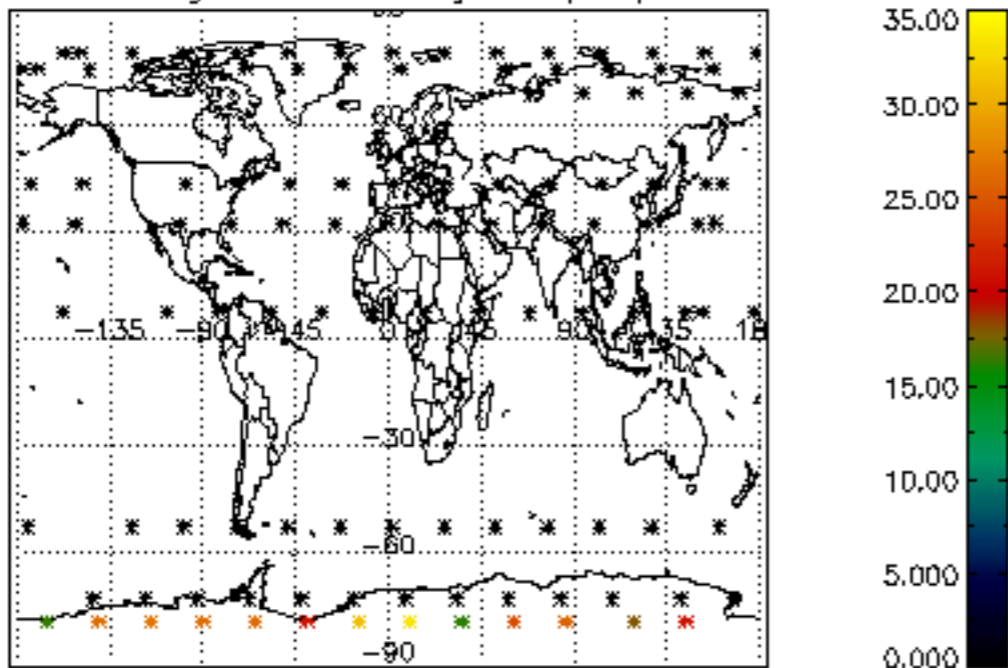
Percentage of star falling outside central band per profile



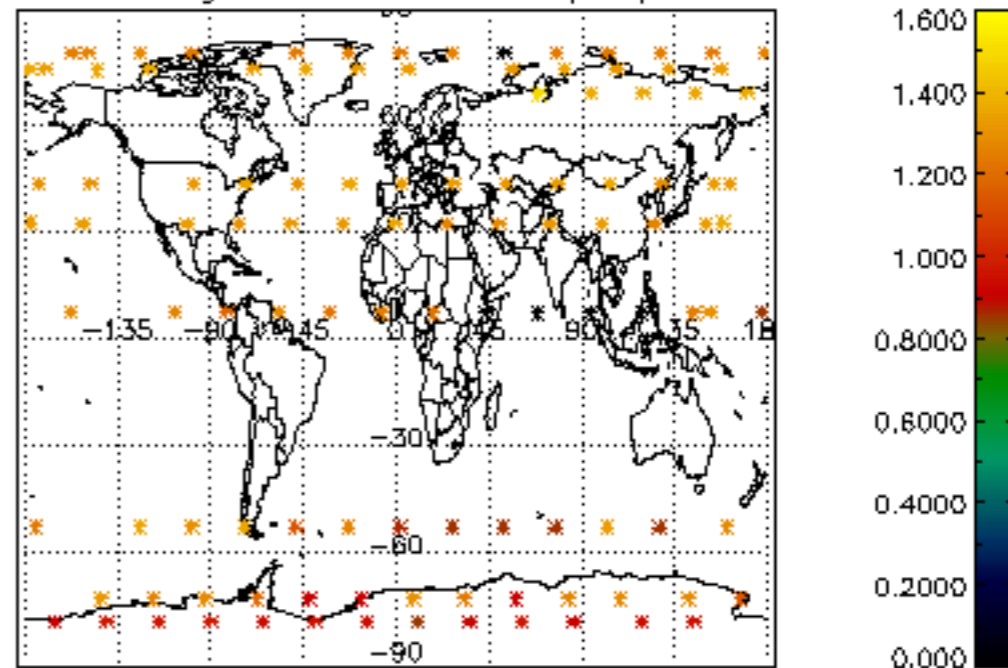
Percentage of saturation errors per profile



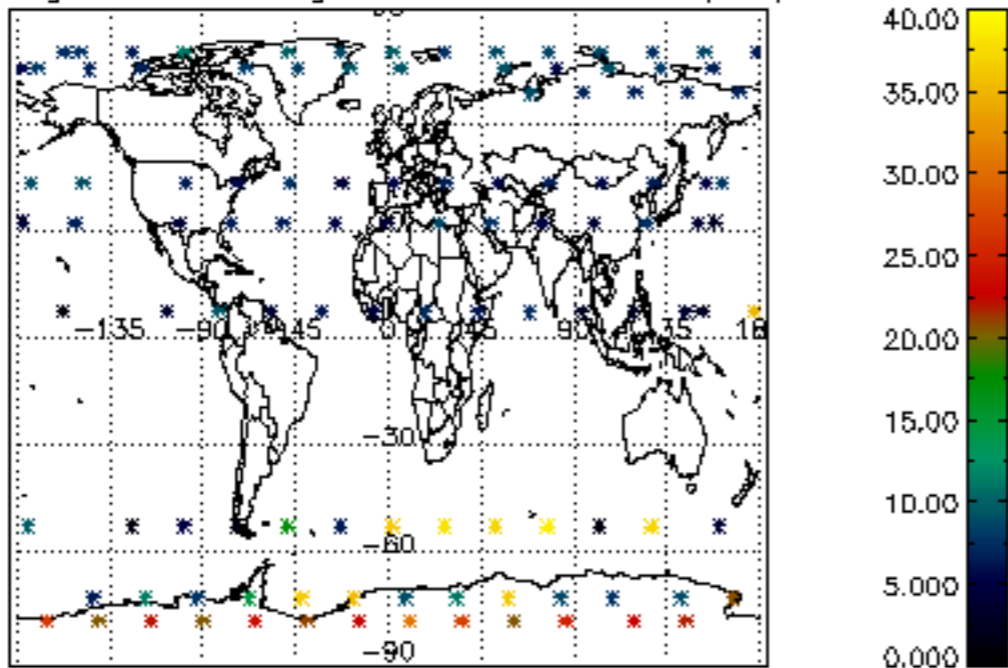
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

