

# 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	25APR2013 17:33:25
Data source version	GOMOS/6.01
Start time of products	03-02-2009 (03FEB2009 00:00:00)
Stop time of products	04-02-2009 (04FEB2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	262
Nb of prods with errors	0

## 2. Summary of processed GOM\_NL\_\_2P products.

**!Warning: No products without errors in BRIGHT limb contitions found**

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20090203_000048_000000182076_00102_36228_9810.N1	03-FEB-2009 00:00:48	Twi_and_stray	17.500	24	66Alp Gem	1.5800	10200.	35	36228	No
2	GOM_NL__2PRFIN20090203_001703_000000152076_00102_36228_9811.N1	03-FEB-2009 00:17:03	Twi_and_stray	14.500	49	1Alp UMi	1.9900	6300.0	29	36228	No
3	GOM_NL__2PRFIN20090203_002001_000000162076_00102_36228_9812.N1	03-FEB-2009 00:20:01	Twi_and_stray	15.500	60	7Bet UMi	2.0810	3950.0	31	36228	No
4	GOM_NL__2PRFIN20090203_002446_000000142076_00102_36228_9813.N1	03-FEB-2009 00:24:46	Twi_and_stray	13.500	119	14Eta Dra	2.7270	4700.0	27	36228	No
5	GOM_NL__2PRFIN20090203_002801_000000122076_00102_36228_9814.N1	03-FEB-2009 00:28:01	Twi_and_stray	12.000	130	23Bet Dra	2.7990	5800.0	24	36228	No
6	GOM_NL__2PRFIN20090203_003144_000000112076_00102_36228_9815.N1	03-FEB-2009 00:31:44	Twi_and_stray	11.000	5	3Alp Lyr	0.033000	11000.	22	36228	No
7	GOM_NL__2PRFIN20090203_004002_000000132076_00102_36228_9816.N1	03-FEB-2009 00:40:02	Twi_and_stray	12.500	59	55Alp Oph	2.0800	8900.0	25	36228	No
8	GOM_NL__2PRFIN20090203_004211_000000132076_00102_36228_9817.N1	03-FEB-2009 00:42:11	Twi_and_stray	12.500	126	60Bet Oph	2.7700	4250.0	25	36228	No
9	GOM_NL__2PRFIN20090203_004846_000000162076_00102_36228_9818.N1	03-FEB-2009 00:48:46	Twi_and_stray	15.500	86	35Eta Oph	2.4300	10200.	31	36228	No
10	GOM_NL__2PRFIN20090203_005120_000000152076_00102_36228_9819.N1	03-FEB-2009 00:51:20	Twilight	14.500	167	10Gam2Sgr	2.9840	4500.0	29	36228	No
11	GOM_NL__2PRFIN20090203_005311_000000192076_00102_36228_9820.N1	03-FEB-2009 00:53:11	Dark	18.500	16	21Alp Sco	1.0200	3000.0	37	36228	No
12	GOM_NL__2PRFIN20090203_005510_000000162076_00102_36228_9821.N1	03-FEB-2009 00:55:10	Dark	16.000	40	The Sco	1.8590	7100.0	32	36228	No
13	GOM_NL__2PRFIN20090203_005703_000000162076_00102_36228_9822.N1	03-FEB-2009 00:57:03	Dark	16.000	147	Alp Ara	2.8770	26000.	32	36228	No
14	GOM_NL__2PRFIN20090203_010404_000000192076_00103_36229_9829.N1	03-FEB-2009 01:04:04	Dark	18.500	4	Alp1Cen	-0.010000	5800.0	37	36229	No
15	GOM_NL__2PRFIN20090203_010517_000000192076_00103_36229_9830.N1	03-FEB-2009 01:05:17	Dark	18.500	10	Bet Cen	0.61000	28000.	37	36229	No
16	GOM_NL__2PRFIN20090203_010839_000000192076_00103_36229_9831.N1	03-FEB-2009 01:08:39	Dark	18.500	12	Alp1Cru	0.77500	30000.	37	36229	No
17	GOM_NL__2PRFIN20090203_011048_000000212076_00103_36229_9832.N1	03-FEB-2009 01:10:48	Dark	20.500	99	Del Cen	2.5750	26000.	41	36229	No
18	GOM_NL__2PRFIN20090203_011230_000000172076_00103_36229_9833.N1	03-FEB-2009 01:12:30	Dark	16.500	159	Ups Car	2.9200	7200.0	33	36229	No
19	GOM_NL__2PRFIN20090203_011425_000000172076_00103_36229_9834.N1	03-FEB-2009 01:14:25	Dark	16.500	71	lot Car	2.2460	7700.0	33	36229	No
20	GOM_NL__2PRFIN20090203_011609_000000162076_00103_36229_9835.N1	03-FEB-2009 01:16:09	Dark	16.000	46	Del Vel	1.9540	10600.	32	36229	No
21	GOM_NL__2PRFIN20090203_011839_000000162076_00103_36229_9836.N1	03-FEB-2009 01:18:39	Dark	15.500	34	Gam2Vel	1.7930	23000.	31	36229	No
22	GOM_NL__2PRFIN20090203_012043_000000162076_00103_36229_9837.N1	03-FEB-2009 01:20:43	Straylight	15.500	70	Zet Pup	2.2460	39000.	31	36229	No
23	GOM_NL__2PRFIN20090203_012409_000000162076_00103_36229_9838.N1	03-FEB-2009 01:24:09	Straylight	15.500	88	31Eta CMa	2.4480	20000.	31	36229	No
24	GOM_NL__2PRFIN20090203_013345_000000172076_00103_36229_9839.N1	03-FEB-2009 01:33:45	Twi_and_stray	16.500	8	10Alp CMi	0.40000	6500.0	33	36229	No
25	GOM_NL__2PRFIN20090203_013936_000000172076_00103_36229_9840.N1	03-FEB-2009 01:39:36	Twi_and_stray	16.500	170	27Eps Gem	3.0000	9700.0	33	36229	No
26	GOM_NL__2PRFIN20090203_014124_000000172076_00103_36229_9841.N1	03-FEB-2009 01:41:24	Twi_and_stray	17.000	24	66Alp Gem	1.5800	10200.	34	36229	No
27	GOM_NL__2PRFIN20090203_015739_000000152076_00103_36229_9842.N1	03-FEB-2009 01:57:39	Twi_and_stray	14.500	49	1Alp UMi	1.9900	6300.0	29	36229	No
28	GOM_NL__2PRFIN20090203_020036_000000152076_00103_36229_9843.N1	03-FEB-2009 02:00:36	Twi_and_stray	15.000	60	7Bet UMi	2.0810	3950.0	30	36229	No
29	GOM_NL__2PRFIN20090203_020521_000000142076_00103_36229_9844.N1	03-FEB-2009 02:05:21	Twi_and_stray	13.500	119	14Eta Dra	2.7270	4700.0	27	36229	No
30	GOM_NL__2PRFIN20090203_020838_000000122076_00103_36229_9845.N1	03-FEB-2009 02:08:38	Twi_and_stray	11.500	130	23Bet Dra	2.7990	5800.0	23	36229	No
31	GOM_NL__2PRFIN20090203_021220_000000112076_00103_36229_9846.N1	03-FEB-2009 02:12:20	Twi_and_stray	10.500	5	3Alp Lyr	0.033000	11000.	21	36229	No
32	GOM_NL__2PRFIN20090203_022039_000000122076_00103_36229_9847.N1	03-FEB-2009 02:20:39	Twi_and_stray	11.500	59	55Alp Oph	2.0800	8900.0	23	36229	No
33	GOM_NL__2PRFIN20090203_022247_000000122076_00103_36229_9848.N1	03-FEB-2009 02:22:47	Twi_and_stray	12.000	126	60Bet Oph	2.7700	4250.0	24	36229	No
34	GOM_NL__2PRFIN20090203_022922_000000152076_00103_36229_9849.N1	03-FEB-2009 02:29:22	Twi_and_stray	15.000	86	35Eta Oph	2.4300	10200.	30	36229	No
35	GOM_NL__2PRFIN20090203_023156_000000142076_00103_36229_9850.N1	03-FEB-2009 02:31:56	Twilight	14.000	167	10Gam2Sgr	2.9840	4500.0	28	36229	No
36	GOM_NL__2PRFIN20090203_023348_000000182076_00103_36229_9851.N1	03-FEB-2009 02:33:48	Dark	18.000	16	21Alp Sco	1.0200	3000.0	36	36229	No
37	GOM_NL__2PRFIN20090203_023547_000000162076_00103_36229_9852.N1	03-FEB-2009 02:35:47	Dark	15.500	40	The Sco	1.8590	7100.0	31	36229	No
38	GOM_NL__2PRFIN20090203_023739_000000162076_00103_36229_9853.N1	03-FEB-2009 02:37:39	Dark	15.500	147	Alp Ara	2.8770	26000.	31	36229	No
39	GOM_NL__2PRFIN20090203_024440_000000192076_00104_36230_9850.N1	03-FEB-2009 02:44:40	Dark	19.000	4	Alp1Cen	-0.010000	5800.0	38	36230	No
40	GOM_NL__2PRFIN20090203_024554_000000192076_00104_36230_9851.N1	03-FEB-2009 02:45:54	Dark	18.500	10	Bet Cen	0.61000	28000.	37	36230	No
41	GOM_NL__2PRFIN20090203_024915_000000182076_00104_36230_9852.N1	03-FEB-2009 02:49:15	Dark	18.000	12	Alp1Cru	0.77500	30000.	36	36230	No

42	GOM_NL__2PRFIN20090203_025124_000000212076_00104_36230_9853.N1	03-FEB-2009 02:51:24	Dark	20.500	99	Del Cen	2.5750	26000.	41	36230	No
43	GOM_NL__2PRFIN20090203_025306_000000172076_00104_36230_9854.N1	03-FEB-2009 02:53:06	Dark	17.000	159	Ups Car	2.9200	7200.0	34	36230	No
44	GOM_NL__2PRFIN20090203_025501_000000172076_00104_36230_9855.N1	03-FEB-2009 02:55:01	Dark	16.500	71	lot Car	2.2460	7700.0	33	36230	No
45	GOM_NL__2PRFIN20090203_025645_000000162076_00104_36230_9856.N1	03-FEB-2009 02:56:45	Dark	16.000	46	Del Vel	1.9540	10600.	32	36230	No
46	GOM_NL__2PRFIN20090203_025915_000000162076_00104_36230_9857.N1	03-FEB-2009 02:59:15	Dark	16.000	34	Gam2Vel	1.7930	23000.	32	36230	No
47	GOM_NL__2PRFIN20090203_030120_000000162076_00104_36230_9858.N1	03-FEB-2009 03:01:20	Straylight	15.500	70	Zet Pup	2.2460	39000.	31	36230	No
48	GOM_NL__2PRFIN20090203_030540_000000162076_00104_36230_9859.N1	03-FEB-2009 03:05:40	Straylight	15.500	132	15Rho Pup	2.8030	6900.0	31	36230	No
49	GOM_NL__2PRFIN20090203_031421_000000162076_00104_36230_9860.N1	03-FEB-2009 03:14:21	Twilight	16.000	8	10Alp CMi	0.40000	6500.0	32	36230	No
50	GOM_NL__2PRFIN20090203_032013_000000162076_00104_36230_9861.N1	03-FEB-2009 03:20:13	Twilight	15.500	170	27Eps Gem	3.0000	9700.0	31	36230	No
51	GOM_NL__2PRFIN20090203_032200_000000172076_00104_36230_9862.N1	03-FEB-2009 03:22:00	Twilight	16.500	24	66Alp Gem	1.5800	10200.	33	36230	No
52	GOM_NL__2PRFIN20090203_033815_000000152076_00104_36230_9863.N1	03-FEB-2009 03:38:15	Twilight	14.500	49	1Alp UMi	1.9900	6300.0	29	36230	No
53	GOM_NL__2PRFIN20090203_034112_000000152076_00104_36230_9864.N1	03-FEB-2009 03:41:12	Twilight	15.000	60	7Bet UMi	2.0810	3950.0	30	36230	No
54	GOM_NL__2PRFIN20090203_034557_000000142076_00104_36230_9865.N1	03-FEB-2009 03:45:57	Twilight	13.500	119	14Eta Dra	2.7270	4700.0	27	36230	No
55	GOM_NL__2PRFIN20090203_034913_000000122076_00104_36230_9866.N1	03-FEB-2009 03:49:13	Twilight	12.000	130	23Bet Dra	2.7990	5800.0	24	36230	No
56	GOM_NL__2PRFIN20090203_035256_000000112076_00104_36230_9867.N1	03-FEB-2009 03:52:56	Twilight	11.000	5	3Alp Lyr	0.033000	11000.	22	36230	No
57	GOM_NL__2PRFIN20090203_040114_000000122076_00104_36230_9868.N1	03-FEB-2009 04:01:14	Twilight	12.000	59	55Alp Oph	2.0800	8900.0	24	36230	No
58	GOM_NL__2PRFIN20090203_040324_000000132076_00104_36230_9869.N1	03-FEB-2009 04:03:24	Twilight	12.500	126	60Bet Oph	2.7700	4250.0	25	36230	No
59	GOM_NL__2PRFIN20090203_040959_000000152076_00104_36230_9870.N1	03-FEB-2009 04:09:59	Twilight	15.000	86	35Eta Oph	2.4300	10200.	30	36230	No
60	GOM_NL__2PRFIN20090203_041232_000000142076_00104_36230_9871.N1	03-FEB-2009 04:12:32	Twilight	14.000	167	10Gam2Sgr	2.9840	4500.0	28	36230	No
61	GOM_NL__2PRFIN20090203_041424_000000192076_00104_36230_9872.N1	03-FEB-2009 04:14:24	Dark	18.500	16	21Alp Sco	1.0200	3000.0	37	36230	No
62	GOM_NL__2PRFIN20090203_041623_000000162076_00104_36230_9873.N1	03-FEB-2009 04:16:23	Dark	15.500	40	The Sco	1.8590	7100.0	31	36230	No
63	GOM_NL__2PRFIN20090203_041815_000000162076_00104_36230_9874.N1	03-FEB-2009 04:18:15	Dark	16.000	147	Alp Ara	2.8770	26000.	32	36230	No
64	GOM_NL__2PRFIN20090203_042015_000000202076_00104_36230_9875.N1	03-FEB-2009 04:20:15	Dark	20.000	131	Gam Lup	2.8000	26000.	40	36230	No
65	GOM_NL__2PRFIN20090203_042232_000000212076_00105_36231_9858.N1	03-FEB-2009 04:22:32	Dark	21.000	109	Bet Lup	2.6770	26000.	42	36231	No
66	GOM_NL__2PRFIN20090203_042517_000000192076_00105_36231_9859.N1	03-FEB-2009 04:25:17	Dark	18.500	4	Alp1Cen	-0.010000	5800.0	37	36231	No
67	GOM_NL__2PRFIN20090203_042630_000000192076_00105_36231_9860.N1	03-FEB-2009 04:26:30	Dark	18.500	10	Bet Cen	0.61000	28000.	37	36231	No
68	GOM_NL__2PRFIN20090203_042952_000000182076_00105_36231_9861.N1	03-FEB-2009 04:29:52	Dark	18.000	12	Alp1Cru	0.77500	30000.	36	36231	No
69	GOM_NL__2PRFIN20090203_043201_000000212076_00105_36231_9862.N1	03-FEB-2009 04:32:01	Dark	20.500	99	Del Cen	2.5750	26000.	41	36231	No
70	GOM_NL__2PRFIN20090203_043343_000000162076_00105_36231_9863.N1	03-FEB-2009 04:33:43	Dark	16.000	159	Ups Car	2.9200	7200.0	32	36231	No
71	GOM_NL__2PRFIN20090203_043538_000000162076_00105_36231_9864.N1	03-FEB-2009 04:35:38	Dark	16.000	71	lot Car	2.2460	7700.0	32	36231	No
72	GOM_NL__2PRFIN20090203_043721_000000162076_00105_36231_9865.N1	03-FEB-2009 04:37:21	Dark	16.000	46	Del Vel	1.9540	10600.	32	36231	No
73	GOM_NL__2PRFIN20090203_043951_000000152076_00105_36231_9866.N1	03-FEB-2009 04:39:51	Dark	15.000	34	Gam2Vel	1.7930	23000.	30	36231	No
74	GOM_NL__2PRFIN20090203_044156_000000152076_00105_36231_9867.N1	03-FEB-2009 04:41:56	Straylight	15.000	70	Zet Pup	2.2460	39000.	30	36231	No
75	GOM_NL__2PRFIN20090203_044616_000000162076_00105_36231_9868.N1	03-FEB-2009 04:46:16	Straylight	15.500	132	15Rho Pup	2.8030	6900.0	31	36231	No
76	GOM_NL__2PRFIN20090203_045457_000000162076_00105_36231_9869.N1	03-FEB-2009 04:54:57	Twilight	16.000	8	10Alp CMi	0.40000	6500.0	32	36231	No
77	GOM_NL__2PRFIN20090203_050049_000000162076_00105_36231_9870.N1	03-FEB-2009 05:00:49	Twilight	16.000	170	27Eps Gem	3.0000	9700.0	32	36231	No
78	GOM_NL__2PRFIN20090203_050236_000000172076_00105_36231_9871.N1	03-FEB-2009 05:02:36	Twilight	16.500	24	66Alp Gem	1.5800	10200.	33	36231	No
79	GOM_NL__2PRFIN20090203_051851_000000142076_00105_36231_9872.N1	03-FEB-2009 05:18:51	Twilight	14.000	49	1Alp UMi	1.9900	6300.0	28	36231	No
80	GOM_NL__2PRFIN20090203_052148_000000142076_00105_36231_9873.N1	03-FEB-2009 05:21:48	Twilight	14.000	60	7Bet UMi	2.0810	3950.0	28	36231	No
81	GOM_NL__2PRFIN20090203_052633_000000132076_00105_36231_9874.N1	03-FEB-2009 05:26:33	Twilight	13.000	119	14Eta Dra	2.7270	4700.0	26	36231	No
82	GOM_NL__2PRFIN20090203_052949_000000122076_00105_36231_9875.N1	03-FEB-2009 05:29:49	Twilight	11.500	130	23Bet Dra	2.7990	5800.0	23	36231	No
83	GOM_NL__2PRFIN20090203_053332_000000112076_00105_36231_9876.N1	03-FEB-2009 05:33:32	Twilight	11.000	5	3Alp Lyr	0.033000	11000.	22	36231	No
84	GOM_NL__2PRFIN20090203_054151_000000122076_00105_36231_9877.N1	03-FEB-2009 05:41:51	Twilight	12.000	59	55Alp Oph	2.0800	8900.0	24	36231	No
85	GOM_NL__2PRFIN20090203_054400_000000132076_00105_36231_9878.N1	03-FEB-2009 05:44:00	Twilight	12.500	126	60Bet Oph	2.7700	4250.0	25	36231	No
86	GOM_NL__2PRFIN20090203_055035_000000152076_00105_36231_9879.N1	03-FEB-2009 05:50:35	Twilight	15.000	86	35Eta Oph	2.4300	10200.	30	36231	No
87	GOM_NL__2PRFIN20090203_055309_000000142076_00105_36231_9880.N1	03-FEB-2009 05:53:09	Twilight	14.000	167	10Gam2Sgr	2.9840	4500.0	28	36231	No
88	GOM_NL__2PRFIN20090203_055501_000000182076_00105_36231_9881.N1	03-FEB-2009 05:55:01	Dark	18.000	16	21Alp Sco	1.0200	3000.0	36	36231	No
89	GOM_NL__2PRFIN20090203_055659_000000152076_00105_36231_9882.N1	03-FEB-2009 05:56:59	Dark	15.000	40	The Sco	1.8590	7100.0	30	36231	No
90	GOM_NL__2PRFIN20090203_055852_000000152076_00105_36231_9883.N1	03-FEB-2009 05:58:52	Dark	15.000	147	Alp Ara	2.8770	26000.	30	36231	No
91	GOM_NL__2PRFIN20090203_060052_000000202076_00105_36231_9884.N1	03-FEB-2009 06:00:52	Dark	19.500	131	Gam Lup	2.8000	26000.	39	36231	No
92	GOM_NL__2PRFIN20090203_060309_000000212076_00106_36232_9866.N1	03-FEB-2009 06:03:09	Dark	20.500	109	Bet Lup	2.6770	26000.	41	36232	No
93	GOM_NL__2PRFIN20090203_060553_000000182076_00106_36232_9867.N1	03-FEB-2009 06:05:53	Dark	18.000	4	Alp1Cen	-0.010000	5800.0	36	36232	No
94	GOM_NL__2PRFIN20090203_060707_000000182076_00106_36232_9868.N1	03-FEB-2009 06:07:07	Dark	18.000	10	Bet Cen	0.61000	28000.	36	36232	No
95	GOM_NL__2PRFIN20090203_061028_000000182076_00106_36232_9869.N1	03-FEB-2009 06:10:28	Dark	17.500	12	Alp1Cru	0.77500	30000.	35	36232	No
96	GOM_NL__2PRFIN20090203_061238_000000202076_00106_36232_9870.N1	03-FEB-2009 06:12:38	Dark	20.000	99	Del Cen	2.5750	26000.	40	36232	No
97	GOM_NL__2PRFIN20090203_061419_000000162076_00106_36232_9871.N1	03-FEB-2009 06:14:19	Dark	16.000	159	Ups Car	2.9200	7200.0	32	36232	No
98	GOM_NL__2PRFIN20090203_061614_000000162076_00106_36232_9872.N1	03-FEB-2009 06:16:14	Dark	16.000	71	lot Car	2.2460	7700.0	32	36232	No
99	GOM_NL__2PRFIN20090203_061758_000000152076_00106_36232_9873.N1	03-FEB-2009 06:17:58	Dark	15.000	46	Del Vel	1.9540	10600.	30	36232	No
100	GOM_NL__2PRFIN20090203_062027_000000152076_00106_36232_9874.N1	03-FEB-2009 06:20:27	Dark	15.000	34	Gam2Vel	1.7930	23000.	30	36232	No

101	GOM_NL__2PRFIN20090203_062232_000000152076_00106_36232_9875.N1	03-FEB-2009 06:22:32	Straylight	15.000	70	Zet Pup	2.2460	39000.	30	36232	No
102	GOM_NL__2PRFIN20090203_062653_000000152076_00106_36232_9876.N1	03-FEB-2009 06:26:53	Straylight	15.000	132	15Rho Pup	2.8030	6900.0	30	36232	No
103	GOM_NL__2PRFIN20090203_063533_000000162076_00106_36232_9877.N1	03-FEB-2009 06:35:33	Twi_and_stray	16.000	8	10Alp CMi	0.40000	6500.0	32	36232	No
104	GOM_NL__2PRFIN20090203_064125_000000162076_00106_36232_9878.N1	03-FEB-2009 06:41:25	Twi_and_stray	15.500	170	27Eps Gem	3.0000	9700.0	31	36232	No
105	GOM_NL__2PRFIN20090203_064312_000000172076_00106_36232_9879.N1	03-FEB-2009 06:43:12	Twi_and_stray	16.500	24	66Alp Gem	1.5800	10200.	33	36232	No
106	GOM_NL__2PRFIN20090203_065927_000000142076_00106_36232_9880.N1	03-FEB-2009 06:59:27	Twi_and_stray	14.000	49	1Alp UMi	1.9900	6300.0	28	36232	No
107	GOM_NL__2PRFIN20090203_070223_000000152076_00106_36232_9881.N1	03-FEB-2009 07:02:23	Twi_and_stray	14.500	60	7Bet UMi	2.0810	3950.0	29	36232	No
108	GOM_NL__2PRFIN20090203_070708_000000132076_00106_36232_9882.N1	03-FEB-2009 07:07:08	Twi_and_stray	13.000	119	14Eta Dra	2.7270	4700.0	26	36232	No
109	GOM_NL__2PRFIN20090203_071025_000000122076_00106_36232_9883.N1	03-FEB-2009 07:10:25	Twi_and_stray	11.500	130	23Bet Dra	2.7990	5800.0	23	36232	No
110	GOM_NL__2PRFIN20090203_071409_000000102076_00106_36232_9884.N1	03-FEB-2009 07:14:09	Twi_and_stray	9.5000	5	3Alp Lyr	0.033000	11000.	19	36232	No
111	GOM_NL__2PRFIN20090203_072227_000000122076_00106_36232_9885.N1	03-FEB-2009 07:22:27	Twi_and_stray	12.000	59	55Alp Oph	2.0800	8900.0	24	36232	No
112	GOM_NL__2PRFIN20090203_072436_000000122076_00106_36232_9886.N1	03-FEB-2009 07:24:36	Twi_and_stray	12.000	126	60Bet Oph	2.7700	4250.0	24	36232	No
113	GOM_NL__2PRFIN20090203_073112_000000152076_00106_36232_9887.N1	03-FEB-2009 07:31:12	Twi_and_stray	14.500	86	35Eta Oph	2.4300	10200.	29	36232	No
114	GOM_NL__2PRFIN20090203_073345_000000142076_00106_36232_9888.N1	03-FEB-2009 07:33:45	Twilight	14.000	167	10Gam2Sgr	2.9840	4500.0	28	36232	No
115	GOM_NL__2PRFIN20090203_073538_000000182076_00106_36232_9889.N1	03-FEB-2009 07:35:38	Dark	17.500	16	21Alp Sco	1.0200	3000.0	35	36232	No
116	GOM_NL__2PRFIN20090203_073736_000000152076_00106_36232_9890.N1	03-FEB-2009 07:37:36	Dark	14.500	40	The Sco	1.8590	7100.0	29	36232	No
117	GOM_NL__2PRFIN20090203_073928_000000152076_00106_36232_9891.N1	03-FEB-2009 07:39:28	Dark	15.000	147	Alp Ara	2.8770	26000.	30	36232	No
118	GOM_NL__2PRFIN20090203_074129_000000202076_00106_36232_9892.N1	03-FEB-2009 07:41:29	Dark	19.500	131	Gam Lup	2.8000	26000.	39	36232	No
119	GOM_NL__2PRFIN20090203_074346_000000212076_00107_36233_9956.N1	03-FEB-2009 07:43:46	Dark	20.500	109	Bet Lup	2.6770	26000.	41	36233	No
120	GOM_NL__2PRFIN20090203_074630_000000182076_00107_36233_9957.N1	03-FEB-2009 07:46:30	Dark	18.000	4	Alp1Cen	-0.010000	5800.0	36	36233	No
121	GOM_NL__2PRFIN20090203_074743_000000182076_00107_36233_9958.N1	03-FEB-2009 07:47:43	Dark	18.000	10	Bet Cen	0.61000	28000.	36	36233	No
122	GOM_NL__2PRFIN20090203_075105_000000182076_00107_36233_9959.N1	03-FEB-2009 07:51:05	Dark	17.500	12	Alp1Cru	0.77500	30000.	35	36233	No
123	GOM_NL__2PRFIN20090203_075315_000000202076_00107_36233_9960.N1	03-FEB-2009 07:53:15	Dark	20.000	99	Del Cen	2.5750	26000.	40	36233	No
124	GOM_NL__2PRFIN20090203_075455_000000162076_00107_36233_9961.N1	03-FEB-2009 07:54:55	Dark	16.000	159	Ups Car	2.9200	7200.0	32	36233	No
125	GOM_NL__2PRFIN20090203_075650_000000162076_00107_36233_9962.N1	03-FEB-2009 07:56:50	Dark	15.500	71	lot Car	2.2460	7700.0	31	36233	No
126	GOM_NL__2PRFIN20090203_075834_000000162076_00107_36233_9963.N1	03-FEB-2009 07:58:34	Dark	15.500	46	Del Vel	1.9540	10600.	31	36233	No
127	GOM_NL__2PRFIN20090203_080103_000000162076_00107_36233_9964.N1	03-FEB-2009 08:01:03	Dark	15.500	34	Gam2Vel	1.7930	23000.	31	36233	No
128	GOM_NL__2PRFIN20090203_080308_000000152076_00107_36233_9965.N1	03-FEB-2009 08:03:08	Straylight	15.000	70	Zet Pup	2.2460	39000.	30	36233	No
129	GOM_NL__2PRFIN20090203_080729_000000152076_00107_36233_9966.N1	03-FEB-2009 08:07:29	Straylight	15.000	132	15Rho Pup	2.8030	6900.0	30	36233	No
130	GOM_NL__2PRFIN20090203_081609_000000162076_00107_36233_9967.N1	03-FEB-2009 08:16:09	Twi_and_stray	15.500	8	10Alp CMi	0.40000	6500.0	31	36233	No
131	GOM_NL__2PRFIN20090203_082201_000000162076_00107_36233_9968.N1	03-FEB-2009 08:22:01	Twi_and_stray	15.500	170	27Eps Gem	3.0000	9700.0	31	36233	No
132	GOM_NL__2PRFIN20090203_082347_000000162076_00107_36233_9969.N1	03-FEB-2009 08:23:47	Twi_and_stray	16.000	24	66Alp Gem	1.5800	10200.	32	36233	No
133	GOM_NL__2PRFIN20090203_084003_000000142076_00107_36233_9970.N1	03-FEB-2009 08:40:03	Twi_and_stray	14.000	49	1Alp UMi	1.9900	6300.0	28	36233	No
134	GOM_NL__2PRFIN20090203_084259_000000142076_00107_36233_9971.N1	03-FEB-2009 08:42:59	Twi_and_stray	13.500	60	7Bet UMi	2.0810	3950.0	27	36233	No
135	GOM_NL__2PRFIN20090203_084744_000000132076_00107_36233_9972.N1	03-FEB-2009 08:47:44	Twi_and_stray	12.500	119	14Eta Dra	2.7270	4700.0	25	36233	No
136	GOM_NL__2PRFIN20090203_085101_000000112076_00107_36233_9973.N1	03-FEB-2009 08:51:01	Twi_and_stray	11.000	130	23Bet Dra	2.7990	5800.0	22	36233	No
137	GOM_NL__2PRFIN20090203_085445_000000102076_00107_36233_9974.N1	03-FEB-2009 08:54:45	Twi_and_stray	9.5000	5	3Alp Lyr	0.033000	11000.	19	36233	No
138	GOM_NL__2PRFIN20090203_090303_000000122076_00107_36233_9975.N1	03-FEB-2009 09:03:03	Twi_and_stray	11.500	59	55Alp Oph	2.0800	8900.0	23	36233	No
139	GOM_NL__2PRFIN20090203_090512_000000122076_00107_36233_9976.N1	03-FEB-2009 09:05:12	Twi_and_stray	12.000	126	60Bet Oph	2.7700	4250.0	24	36233	No
140	GOM_NL__2PRFIN20090203_091148_000000152076_00107_36233_9977.N1	03-FEB-2009 09:11:48	Twi_and_stray	14.500	86	35Eta Oph	2.4300	10200.	29	36233	No
141	GOM_NL__2PRFIN20090203_091421_000000142076_00107_36233_9978.N1	03-FEB-2009 09:14:21	Twilight	14.000	167	10Gam2Sgr	2.9840	4500.0	28	36233	No
142	GOM_NL__2PRFIN20090203_091614_000000182076_00107_36233_9979.N1	03-FEB-2009 09:16:14	Dark	17.500	16	21Alp Sco	1.0200	3000.0	35	36233	No
143	GOM_NL__2PRFIN20090203_091812_000000152076_00107_36233_9980.N1	03-FEB-2009 09:18:12	Dark	15.000	40	The Sco	1.8590	7100.0	30	36233	No
144	GOM_NL__2PRFIN20090203_092004_000000152076_00107_36233_9981.N1	03-FEB-2009 09:20:04	Dark	15.000	147	Alp Ara	2.8770	26000.	30	36233	No
145	GOM_NL__2PRFIN20090203_092205_000000192076_00107_36233_9982.N1	03-FEB-2009 09:22:05	Dark	19.000	131	Gam Lup	2.8000	26000.	38	36233	No
146	GOM_NL__2PRFIN20090203_092423_000000202076_00108_36234_9903.N1	03-FEB-2009 09:24:23	Dark	20.000	109	Bet Lup	2.6770	26000.	40	36234	No
147	GOM_NL__2PRFIN20090203_092706_000000182076_00108_36234_9904.N1	03-FEB-2009 09:27:06	Dark	18.000	4	Alp1Cen	-0.010000	5800.0	36	36234	No
148	GOM_NL__2PRFIN20090203_092820_000000182076_00108_36234_9905.N1	03-FEB-2009 09:28:20	Dark	17.500	10	Bet Cen	0.61000	28000.	35	36234	No
149	GOM_NL__2PRFIN20090203_093141_000000172076_00108_36234_9906.N1	03-FEB-2009 09:31:41	Dark	17.000	12	Alp1Cru	0.77500	30000.	34	36234	No
150	GOM_NL__2PRFIN20090203_093352_000000192076_00108_36234_9907.N1	03-FEB-2009 09:33:52	Dark	19.000	99	Del Cen	2.5750	26000.	38	36234	No
151	GOM_NL__2PRFIN20090203_093531_000000162076_00108_36234_9908.N1	03-FEB-2009 09:35:31	Dark	15.500	159	Ups Car	2.9200	7200.0	31	36234	No
152	GOM_NL__2PRFIN20090203_093726_000000152076_00108_36234_9909.N1	03-FEB-2009 09:37:26	Dark	15.000	71	lot Car	2.2460	7700.0	30	36234	No
153	GOM_NL__2PRFIN20090203_093910_000000152076_00108_36234_9910.N1	03-FEB-2009 09:39:10	Dark	15.000	46	Del Vel	1.9540	10600.	30	36234	No
154	GOM_NL__2PRFIN20090203_094139_000000152076_00108_36234_9911.N1	03-FEB-2009 09:41:39	Dark	14.500	34	Gam2Vel	1.7930	23000.	29	36234	No
155	GOM_NL__2PRFIN20090203_094344_000000152076_00108_36234_9912.N1	03-FEB-2009 09:43:44	Straylight	14.500	70	Zet Pup	2.2460	39000.	29	36234	No
156	GOM_NL__2PRFIN20090203_094805_000000152076_00108_36234_9913.N1	03-FEB-2009 09:48:05	Straylight	14.500	132	15Rho Pup	2.8030	6900.0	29	36234	No
157	GOM_NL__2PRFIN20090203_095644_000000162076_00108_36234_9914.N1	03-FEB-2009 09:56:44	Twi_and_stray	15.500	8	10Alp CMi	0.40000	6500.0	31	36234	No
158	GOM_NL__2PRFIN20090203_100237_000000162076_00108_36234_9915.N1	03-FEB-2009 10:02:37	Twi_and_stray	15.500	170	27Eps Gem	3.0000	9700.0	31	36234	No
159	GOM_NL__2PRFIN20090203_100423_000000162076_00108_36234_9916.N1	03-FEB-2009 10:04:23	Twi_and_stray	16.000	24	66Alp Gem	1.5800	10200.	32	36234	No



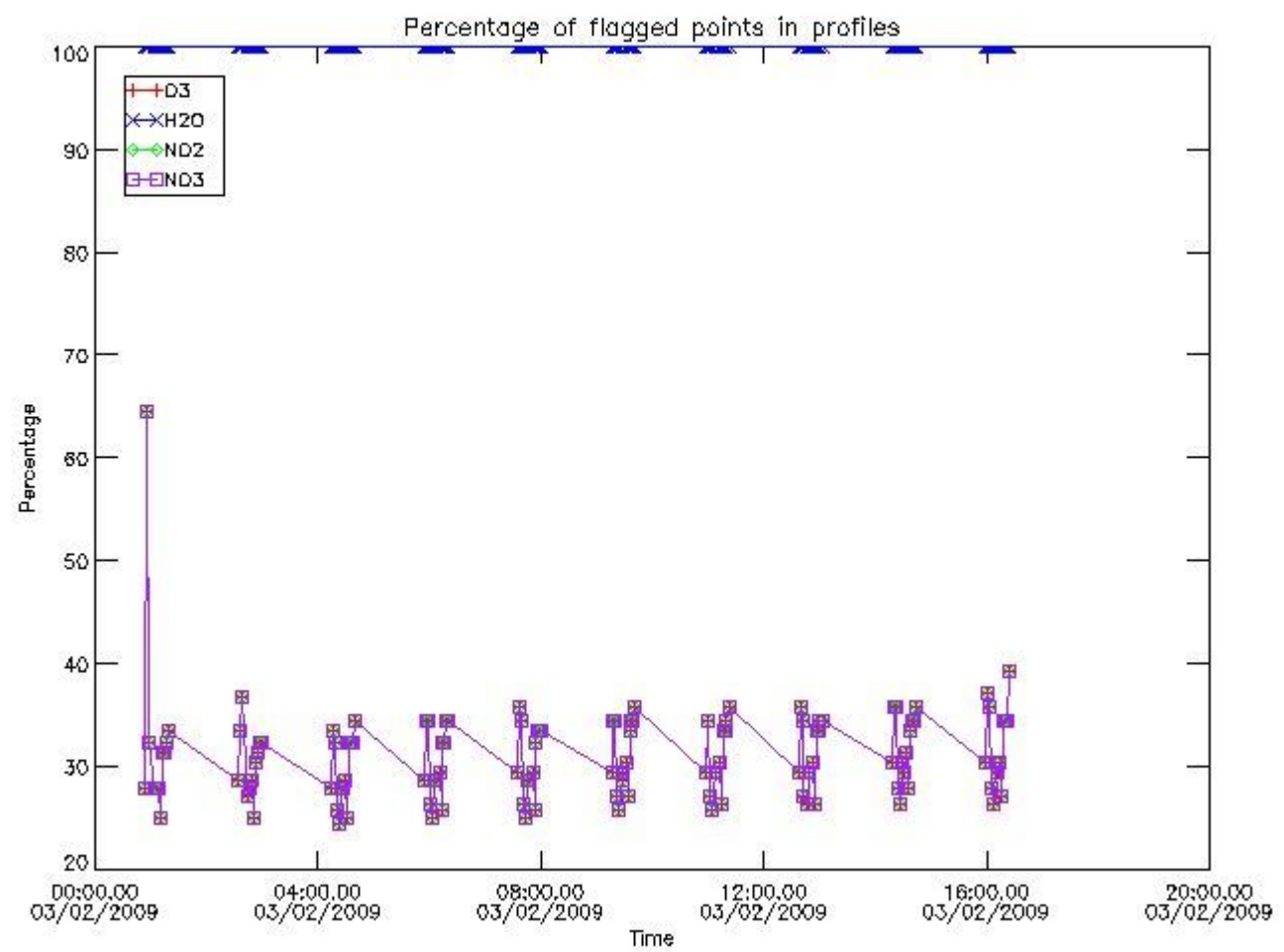
160	GOM_NL__2PRFIN20090203_102039_000000142076_00108_36234_9917.N1	03-FEB-2009 10:20:39	Twilight	14.000	49	1Alp UMi	1.9900	6300.0	28	36234	No
161	GOM_NL__2PRFIN20090203_102335_000000142076_00108_36234_9918.N1	03-FEB-2009 10:23:35	Twilight	14.000	60	7Bet UMi	2.0810	3950.0	28	36234	No
162	GOM_NL__2PRFIN20090203_102820_000000132076_00108_36234_9919.N1	03-FEB-2009 10:28:20	Twilight	13.000	119	14Eta Dra	2.7270	4700.0	26	36234	No
163	GOM_NL__2PRFIN20090203_103137_000000112076_00108_36234_9920.N1	03-FEB-2009 10:31:37	Twilight	11.000	130	23Bet Dra	2.7990	5800.0	22	36234	No
164	GOM_NL__2PRFIN20090203_103521_000000102076_00108_36234_9921.N1	03-FEB-2009 10:35:21	Straylight	10.000	5	3Alp Lyr	0.033000	11000.	20	36234	No
165	GOM_NL__2PRFIN20090203_104339_000000122076_00108_36234_9922.N1	03-FEB-2009 10:43:39	Twilight	11.500	59	55Alp Oph	2.0800	8900.0	23	36234	No
166	GOM_NL__2PRFIN20090203_104549_000000122076_00108_36234_9923.N1	03-FEB-2009 10:45:49	Twilight	11.500	126	60Bet Oph	2.7700	4250.0	23	36234	No
167	GOM_NL__2PRFIN20090203_105225_000000152076_00108_36234_9924.N1	03-FEB-2009 10:52:25	Twilight	14.500	86	35Eta Oph	2.4300	10200.	29	36234	No
168	GOM_NL__2PRFIN20090203_105457_000000142076_00108_36234_9925.N1	03-FEB-2009 10:54:57	Twilight	13.500	167	10Gam2Sgr	2.9840	4500.0	27	36234	No
169	GOM_NL__2PRFIN20090203_105651_000000182076_00108_36234_9926.N1	03-FEB-2009 10:56:51	Dark	17.500	16	21Alp Sco	1.0200	3000.0	35	36234	No
170	GOM_NL__2PRFIN20090203_105848_000000152076_00108_36234_9927.N1	03-FEB-2009 10:58:48	Dark	15.000	40	The Sco	1.8590	7100.0	30	36234	No
171	GOM_NL__2PRFIN20090203_110040_000000152076_00108_36234_9928.N1	03-FEB-2009 11:00:40	Dark	15.000	147	Alp Ara	2.8770	26000.	30	36234	No
172	GOM_NL__2PRFIN20090203_110242_000000192076_00108_36234_9929.N1	03-FEB-2009 11:02:42	Dark	19.000	131	Gam Lup	2.8000	26000.	38	36234	No
173	GOM_NL__2PRFIN20090203_110500_000000202076_00109_36235_9953.N1	03-FEB-2009 11:05:00	Dark	20.000	109	Bet Lup	2.6770	26000.	40	36235	No
174	GOM_NL__2PRFIN20090203_110743_000000182076_00109_36235_9954.N1	03-FEB-2009 11:07:43	Dark	17.500	4	Alp1Cen	-0.010000	5800.0	35	36235	No
175	GOM_NL__2PRFIN20090203_110856_000000182076_00109_36235_9955.N1	03-FEB-2009 11:08:56	Dark	17.500	10	Bet Cen	0.61000	28000.	35	36235	No
176	GOM_NL__2PRFIN20090203_111218_000000172076_00109_36235_9956.N1	03-FEB-2009 11:12:18	Dark	17.000	12	Alp1Cru	0.77500	30000.	34	36235	No
177	GOM_NL__2PRFIN20090203_111428_000000202076_00109_36235_9957.N1	03-FEB-2009 11:14:28	Dark	19.500	99	Del Cen	2.5750	26000.	39	36235	No
178	GOM_NL__2PRFIN20090203_111608_000000162076_00109_36235_9958.N1	03-FEB-2009 11:16:08	Dark	15.500	159	Ups Car	2.9200	7200.0	31	36235	No
179	GOM_NL__2PRFIN20090203_111803_000000162076_00109_36235_9959.N1	03-FEB-2009 11:18:03	Dark	15.500	71	lot Car	2.2460	7700.0	31	36235	No
180	GOM_NL__2PRFIN20090203_111946_000000152076_00109_36235_9960.N1	03-FEB-2009 11:19:46	Dark	15.000	46	Del Vel	1.9540	10600.	30	36235	No
181	GOM_NL__2PRFIN20090203_112216_000000152076_00109_36235_9961.N1	03-FEB-2009 11:22:16	Dark	14.500	34	Gam2Vel	1.7930	23000.	29	36235	No
182	GOM_NL__2PRFIN20090203_112420_000000152076_00109_36235_9962.N1	03-FEB-2009 11:24:20	Straylight	15.000	70	Zet Pup	2.2460	39000.	30	36235	No
183	GOM_NL__2PRFIN20090203_112841_000000152076_00109_36235_9963.N1	03-FEB-2009 11:28:41	Straylight	14.500	132	15Rho Pup	2.8030	6900.0	29	36235	No
184	GOM_NL__2PRFIN20090203_113720_000000162076_00109_36235_9964.N1	03-FEB-2009 11:37:20	Twilight	15.500	8	10Alp CMi	0.40000	6500.0	31	36235	No
185	GOM_NL__2PRFIN20090203_114313_000000162076_00109_36235_9965.N1	03-FEB-2009 11:43:13	Twilight	16.000	170	27Eps Gem	3.0000	9700.0	32	36235	No
186	GOM_NL__2PRFIN20090203_114459_000000162076_00109_36235_9966.N1	03-FEB-2009 11:44:59	Twilight	16.000	24	66Alp Gem	1.5800	10200.	32	36235	No
187	GOM_NL__2PRFIN20090203_120114_000000142076_00109_36235_9967.N1	03-FEB-2009 12:01:14	Twilight	14.000	49	1Alp UMi	1.9900	6300.0	28	36235	No
188	GOM_NL__2PRFIN20090203_120411_000000142076_00109_36235_9968.N1	03-FEB-2009 12:04:11	Twilight	13.500	60	7Bet UMi	2.0810	3950.0	27	36235	No
189	GOM_NL__2PRFIN20090203_120856_000000132076_00109_36235_9969.N1	03-FEB-2009 12:08:56	Twilight	13.000	119	14Eta Dra	2.7270	4700.0	26	36235	No
190	GOM_NL__2PRFIN20090203_121213_000000112076_00109_36235_9970.N1	03-FEB-2009 12:12:13	Twilight	11.000	130	23Bet Dra	2.7990	5800.0	22	36235	No
191	GOM_NL__2PRFIN20090203_121556_000000102076_00109_36235_9971.N1	03-FEB-2009 12:15:56	Straylight	10.000	5	3Alp Lyr	0.033000	11000.	20	36235	No
192	GOM_NL__2PRFIN20090203_122416_000000122076_00109_36235_9972.N1	03-FEB-2009 12:24:16	Twilight	11.500	59	55Alp Oph	2.0800	8900.0	23	36235	No
193	GOM_NL__2PRFIN20090203_122625_000000122076_00109_36235_9973.N1	03-FEB-2009 12:26:25	Twilight	11.500	126	60Bet Oph	2.7700	4250.0	23	36235	No
194	GOM_NL__2PRFIN20090203_123301_000000152076_00109_36235_9974.N1	03-FEB-2009 12:33:01	Twilight	14.500	86	35Eta Oph	2.4300	10200.	29	36235	No
195	GOM_NL__2PRFIN20090203_123533_000000142076_00109_36235_9975.N1	03-FEB-2009 12:35:33	Twilight	13.500	167	10Gam2Sgr	2.9840	4500.0	27	36235	No
196	GOM_NL__2PRFIN20090203_123728_000000182076_00109_36235_9976.N1	03-FEB-2009 12:37:28	Dark	17.500	16	21Alp Sco	1.0200	3000.0	35	36235	No
197	GOM_NL__2PRFIN20090203_123924_000000152076_00109_36235_9977.N1	03-FEB-2009 12:39:24	Dark	14.500	40	The Sco	1.8590	7100.0	29	36235	No
198	GOM_NL__2PRFIN20090203_124117_000000152076_00109_36235_9978.N1	03-FEB-2009 12:41:17	Dark	15.000	147	Alp Ara	2.8770	26000.	30	36235	No
199	GOM_NL__2PRFIN20090203_124319_000000192076_00109_36235_9979.N1	03-FEB-2009 12:43:19	Dark	19.000	131	Gam Lup	2.8000	26000.	38	36235	No
200	GOM_NL__2PRFIN20090203_124537_000000202076_00110_36236_9931.N1	03-FEB-2009 12:45:37	Dark	19.500	109	Bet Lup	2.6770	26000.	39	36236	No
201	GOM_NL__2PRFIN20090203_124819_000000182076_00110_36236_9932.N1	03-FEB-2009 12:48:19	Dark	17.500	4	Alp1Cen	-0.010000	5800.0	35	36236	No
202	GOM_NL__2PRFIN20090203_124933_000000182076_00110_36236_9933.N1	03-FEB-2009 12:49:33	Dark	17.500	10	Bet Cen	0.61000	28000.	35	36236	No
203	GOM_NL__2PRFIN20090203_125254_000000172076_00110_36236_9934.N1	03-FEB-2009 12:52:54	Dark	17.000	12	Alp1Cru	0.77500	30000.	34	36236	No
204	GOM_NL__2PRFIN20090203_125505_000000202076_00110_36236_9935.N1	03-FEB-2009 12:55:05	Dark	19.500	99	Del Cen	2.5750	26000.	39	36236	No
205	GOM_NL__2PRFIN20090203_125644_000000162076_00110_36236_9936.N1	03-FEB-2009 12:56:44	Dark	15.500	159	Ups Car	2.9200	7200.0	31	36236	No
206	GOM_NL__2PRFIN20090203_125839_000000162076_00110_36236_9937.N1	03-FEB-2009 12:58:39	Dark	15.500	71	lot Car	2.2460	7700.0	31	36236	No
207	GOM_NL__2PRFIN20090203_130022_000000152076_00110_36236_9938.N1	03-FEB-2009 13:00:22	Dark	15.000	46	Del Vel	1.9540	10600.	30	36236	No
208	GOM_NL__2PRFIN20090203_130252_000000152076_00110_36236_9939.N1	03-FEB-2009 13:02:52	Dark	15.000	34	Gam2Vel	1.7930	23000.	30	36236	No
209	GOM_NL__2PRFIN20090203_130457_000000152076_00110_36236_9940.N1	03-FEB-2009 13:04:57	Straylight	14.500	70	Zet Pup	2.2460	39000.	29	36236	No
210	GOM_NL__2PRFIN20090203_130917_000000152076_00110_36236_9941.N1	03-FEB-2009 13:09:17	Straylight	15.000	132	15Rho Pup	2.8030	6900.0	30	36236	No
211	GOM_NL__2PRFIN20090203_131756_000000162076_00110_36236_9942.N1	03-FEB-2009 13:17:56	Twilight	15.500	8	10Alp CMi	0.40000	6500.0	31	36236	No
212	GOM_NL__2PRFIN20090203_132349_000000162076_00110_36236_9943.N1	03-FEB-2009 13:23:49	Twilight	15.500	170	27Eps Gem	3.0000	9700.0	31	36236	No
213	GOM_NL__2PRFIN20090203_132535_000000162076_00110_36236_9944.N1	03-FEB-2009 13:25:35	Twilight	16.000	24	66Alp Gem	1.5800	10200.	32	36236	No
214	GOM_NL__2PRFIN20090203_134446_000000142076_00110_36236_9945.N1	03-FEB-2009 13:44:46	Twilight	13.500	60	7Bet UMi	2.0810	3950.0	27	36236	No
215	GOM_NL__2PRFIN20090203_134932_000000132076_00110_36236_9946.N1	03-FEB-2009 13:49:32	Twilight	12.500	119	14Eta Dra	2.7270	4700.0	25	36236	No
216	GOM_NL__2PRFIN20090203_135248_000000112076_00110_36236_9947.N1	03-FEB-2009 13:52:48	Twilight	11.000	130	23Bet Dra	2.7990	5800.0	22	36236	No
217	GOM_NL__2PRFIN20090203_135633_000000102076_00110_36236_9948.N1	03-FEB-2009 13:56:33	Straylight	9.5000	5	3Alp Lyr	0.033000	11000.	19	36236	No
218	GOM_NL__2PRFIN20090203_140453_000000112076_00110_36236_9949.N1	03-FEB-2009 14:04:53	Twilight	10.500	59	55Alp Oph	2.0800	8900.0	21	36236	No

219	GOM_NL__2PRFIN20090203_140701_000000122076_00110_36236_9950.N1	03-FEB-2009 14:07:01	Twilight	12.000	126	60Bet Oph	2.7700	4250.0	24	36236	No
220	GOM_NL__2PRFIN20090203_141337_000000152076_00110_36236_9951.N1	03-FEB-2009 14:13:37	Twilight	14.500	86	35Eta Oph	2.4300	10200.	29	36236	No
221	GOM_NL__2PRFIN20090203_141610_000000142076_00110_36236_9952.N1	03-FEB-2009 14:16:10	Twilight	13.500	167	10Gam2Sgr	2.9840	4500.0	27	36236	No
222	GOM_NL__2PRFIN20090203_141805_000000172076_00110_36236_9953.N1	03-FEB-2009 14:18:05	Dark	17.000	16	21Alp Sco	1.0200	3000.0	34	36236	No
223	GOM_NL__2PRFIN20090203_142001_000000152076_00110_36236_9954.N1	03-FEB-2009 14:20:01	Dark	14.500	40	The Sco	1.8590	7100.0	29	36236	No
224	GOM_NL__2PRFIN20090203_142153_000000152076_00110_36236_9955.N1	03-FEB-2009 14:21:53	Dark	14.500	147	Alp Ara	2.8770	26000.	29	36236	No
225	GOM_NL__2PRFIN20090203_142356_000000192076_00110_36236_9956.N1	03-FEB-2009 14:23:56	Dark	18.500	131	Gam Lup	2.8000	26000.	37	36236	No
226	GOM_NL__2PRFIN20090203_142614_000000202076_00111_36237_9953.N1	03-FEB-2009 14:26:14	Dark	19.500	109	Bet Lup	2.6770	26000.	39	36237	No
227	GOM_NL__2PRFIN20090203_142856_000000172076_00111_36237_9954.N1	03-FEB-2009 14:28:56	Dark	17.000	4	Alp1Cen	-0.010000	5800.0	34	36237	No
228	GOM_NL__2PRFIN20090203_143010_000000182076_00111_36237_9955.N1	03-FEB-2009 14:30:10	Dark	17.500	10	Bet Cen	0.61000	28000.	35	36237	No
229	GOM_NL__2PRFIN20090203_143331_000000172076_00111_36237_9956.N1	03-FEB-2009 14:33:31	Dark	16.500	12	Alp1Cru	0.77500	30000.	33	36237	No
230	GOM_NL__2PRFIN20090203_143542_000000192076_00111_36237_9957.N1	03-FEB-2009 14:35:42	Dark	18.500	99	Del Cen	2.5750	26000.	37	36237	No
231	GOM_NL__2PRFIN20090203_143720_000000162076_00111_36237_9958.N1	03-FEB-2009 14:37:20	Dark	15.500	159	Ups Car	2.9200	7200.0	31	36237	No
232	GOM_NL__2PRFIN20090203_143915_000000152076_00111_36237_9959.N1	03-FEB-2009 14:39:15	Dark	15.000	71	lot Car	2.2460	7700.0	30	36237	No
233	GOM_NL__2PRFIN20090203_144058_000000152076_00111_36237_9960.N1	03-FEB-2009 14:40:58	Dark	15.000	46	Del Vel	1.9540	10600.	30	36237	No
234	GOM_NL__2PRFIN20090203_144328_000000152076_00111_36237_9961.N1	03-FEB-2009 14:43:28	Dark	14.500	34	Gam2Vel	1.7930	23000.	29	36237	No
235	GOM_NL__2PRFIN20090203_144533_000000142076_00111_36237_9962.N1	03-FEB-2009 14:45:33	Straylight	13.500	70	Zet Pup	2.2460	39000.	27	36237	No
236	GOM_NL__2PRFIN20090203_144953_000000152076_00111_36237_9963.N1	03-FEB-2009 14:49:53	Straylight	14.500	132	15Rho Pup	2.8030	6900.0	29	36237	No
237	GOM_NL__2PRFIN20090203_145832_000000162076_00111_36237_9964.N1	03-FEB-2009 14:58:32	Twilight	15.500	8	10Alp CMi	0.40000	6500.0	31	36237	No
238	GOM_NL__2PRFIN20090203_150425_000000152076_00111_36237_9965.N1	03-FEB-2009 15:04:25	Twilight	15.000	170	27Eps Gem	3.0000	9700.0	30	36237	No
239	GOM_NL__2PRFIN20090203_150611_000000162076_00111_36237_9966.N1	03-FEB-2009 15:06:11	Twilight	15.500	24	66Alp Gem	1.5800	10200.	31	36237	No
240	GOM_NL__2PRFIN20090203_152226_000000142076_00111_36237_9967.N1	03-FEB-2009 15:22:26	Twilight	13.500	49	1Alp UMi	1.9900	6300.0	27	36237	No
241	GOM_NL__2PRFIN20090203_152522_000000142076_00111_36237_9968.N1	03-FEB-2009 15:25:22	Twilight	13.500	60	7Bet UMi	2.0810	3950.0	27	36237	No
242	GOM_NL__2PRFIN20090203_153008_000000122076_00111_36237_9969.N1	03-FEB-2009 15:30:08	Twilight	12.000	119	14Eta Dra	2.7270	4700.0	24	36237	No
243	GOM_NL__2PRFIN20090203_153325_000000102076_00111_36237_9970.N1	03-FEB-2009 15:33:25	Twilight	10.000	130	23Bet Dra	2.7990	5800.0	20	36237	No
244	GOM_NL__2PRFIN20090203_153709_000000102076_00111_36237_9971.N1	03-FEB-2009 15:37:09	Straylight	9.5000	5	3Alp Lyr	0.033000	11000.	19	36237	No
245	GOM_NL__2PRFIN20090203_154529_000000112076_00111_36237_9972.N1	03-FEB-2009 15:45:29	Twilight	10.500	59	55Alp Oph	2.0800	8900.0	21	36237	No
246	GOM_NL__2PRFIN20090203_154738_000000112076_00111_36237_9973.N1	03-FEB-2009 15:47:38	Twilight	11.000	126	60Bet Oph	2.7700	4250.0	22	36237	No
247	GOM_NL__2PRFIN20090203_155414_000000142076_00111_36237_9974.N1	03-FEB-2009 15:54:14	Twilight	14.000	86	35Eta Oph	2.4300	10200.	28	36237	No
248	GOM_NL__2PRFIN20090203_155646_000000142076_00111_36237_9975.N1	03-FEB-2009 15:56:46	Twilight	13.500	167	10Gam2Sgr	2.9840	4500.0	27	36237	No
249	GOM_NL__2PRFIN20090203_155841_000000172076_00111_36237_9976.N1	03-FEB-2009 15:58:41	Dark	17.000	16	21Alp Sco	1.0200	3000.0	34	36237	No
250	GOM_NL__2PRFIN20090203_160037_000000142076_00111_36237_9977.N1	03-FEB-2009 16:00:37	Dark	14.000	40	The Sco	1.8590	7100.0	28	36237	No
251	GOM_NL__2PRFIN20090203_160229_000000152076_00111_36237_9978.N1	03-FEB-2009 16:02:29	Dark	14.500	147	Alp Ara	2.8770	26000.	29	36237	No
252	GOM_NL__2PRFIN20090203_160433_000000192076_00111_36237_9979.N1	03-FEB-2009 16:04:33	Dark	18.500	131	Gam Lup	2.8000	26000.	37	36237	No
253	GOM_NL__2PRFIN20090203_160651_000000202076_00112_36238_9964.N1	03-FEB-2009 16:06:51	Dark	19.500	109	Bet Lup	2.6770	26000.	39	36238	No
254	GOM_NL__2PRFIN20090203_160932_000000172076_00112_36238_9965.N1	03-FEB-2009 16:09:32	Dark	17.000	4	Alp1Cen	-0.010000	5800.0	34	36238	No
255	GOM_NL__2PRFIN20090203_161046_000000182076_00112_36238_9966.N1	03-FEB-2009 16:10:46	Dark	17.500	10	Bet Cen	0.61000	28000.	35	36238	No
256	GOM_NL__2PRFIN20090203_161407_000000172076_00112_36238_9967.N1	03-FEB-2009 16:14:07	Dark	17.000	12	Alp1Cru	0.77500	30000.	34	36238	No
257	GOM_NL__2PRFIN20090203_161618_000000192076_00112_36238_9968.N1	03-FEB-2009 16:16:18	Dark	19.000	99	Del Cen	2.5750	26000.	38	36238	No
258	GOM_NL__2PRFIN20090203_161757_000000152076_00112_36238_9969.N1	03-FEB-2009 16:17:57	Dark	15.000	159	Ups Car	2.9200	7200.0	30	36238	No
259	GOM_NL__2PRFIN20090203_161951_000000152076_00112_36238_9970.N1	03-FEB-2009 16:19:51	Dark	15.000	71	lot Car	2.2460	7700.0	30	36238	No
260	GOM_NL__2PRFIN20090203_162135_000000152076_00112_36238_9971.N1	03-FEB-2009 16:21:35	Dark	15.000	46	Del Vel	1.9540	10600.	30	36238	No
261	GOM_NL__2PRFIN20090203_162405_000000142076_00112_36238_9972.N1	03-FEB-2009 16:24:05	Dark	14.000	34	Gam2Vel	1.7930	23000.	28	36238	No
262	GOM_NL__2PRFIN20090203_162609_000000142076_00112_36238_9973.N1	03-FEB-2009 16:26:09	Straylight	14.000	70	Zet Pup	2.2460	39000.	28	36238	No

### 3. Quality information per product

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

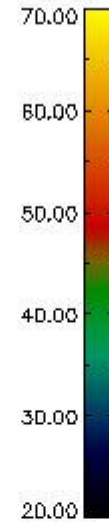
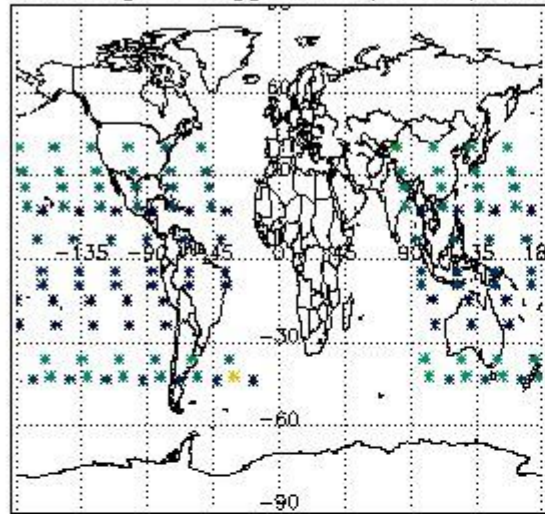
#### 3.1 Plot quality information per product (time dependant)



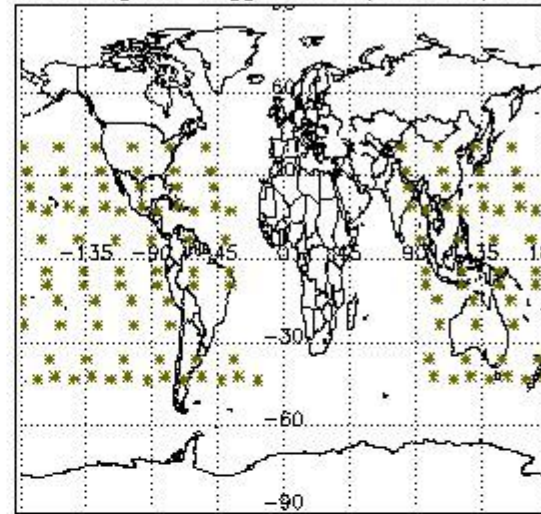
3.2 Plot quality information per product (world map)



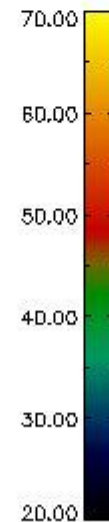
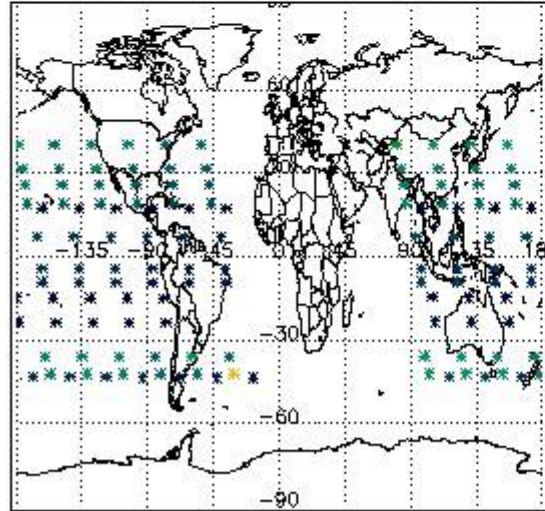
Percentage of flagged data per O3 profile



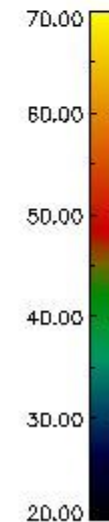
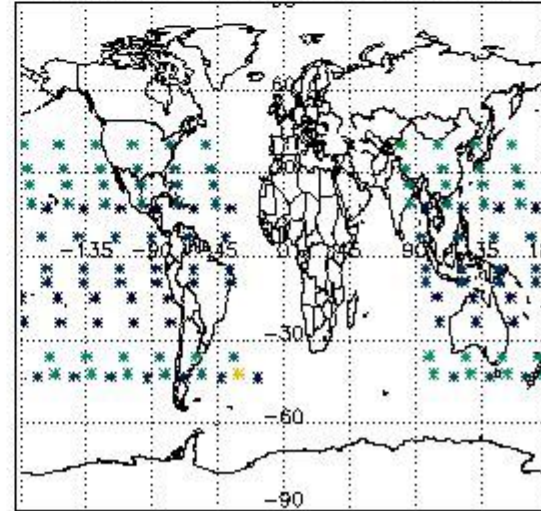
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



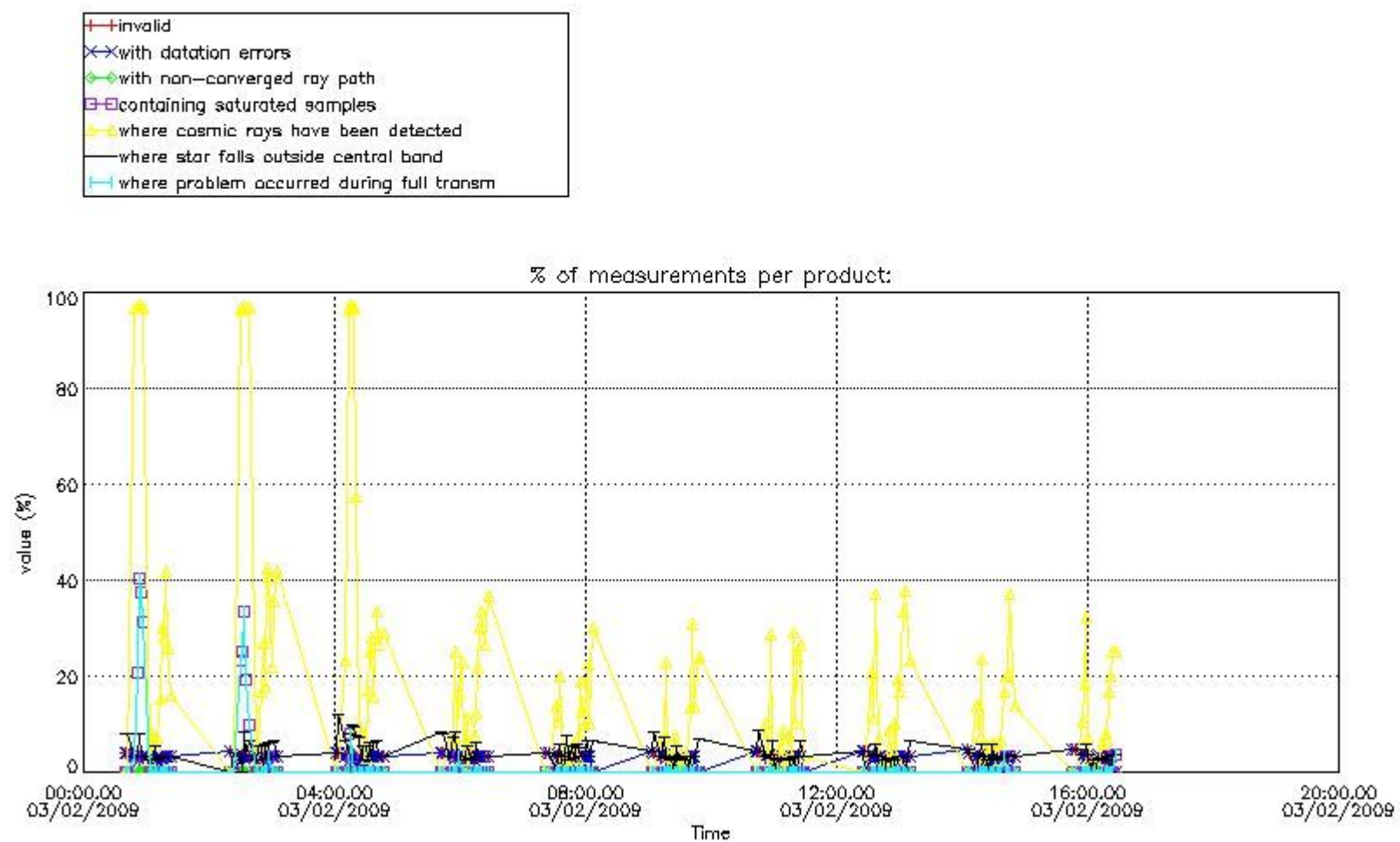
#### 4. Level 1 quality information per product

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

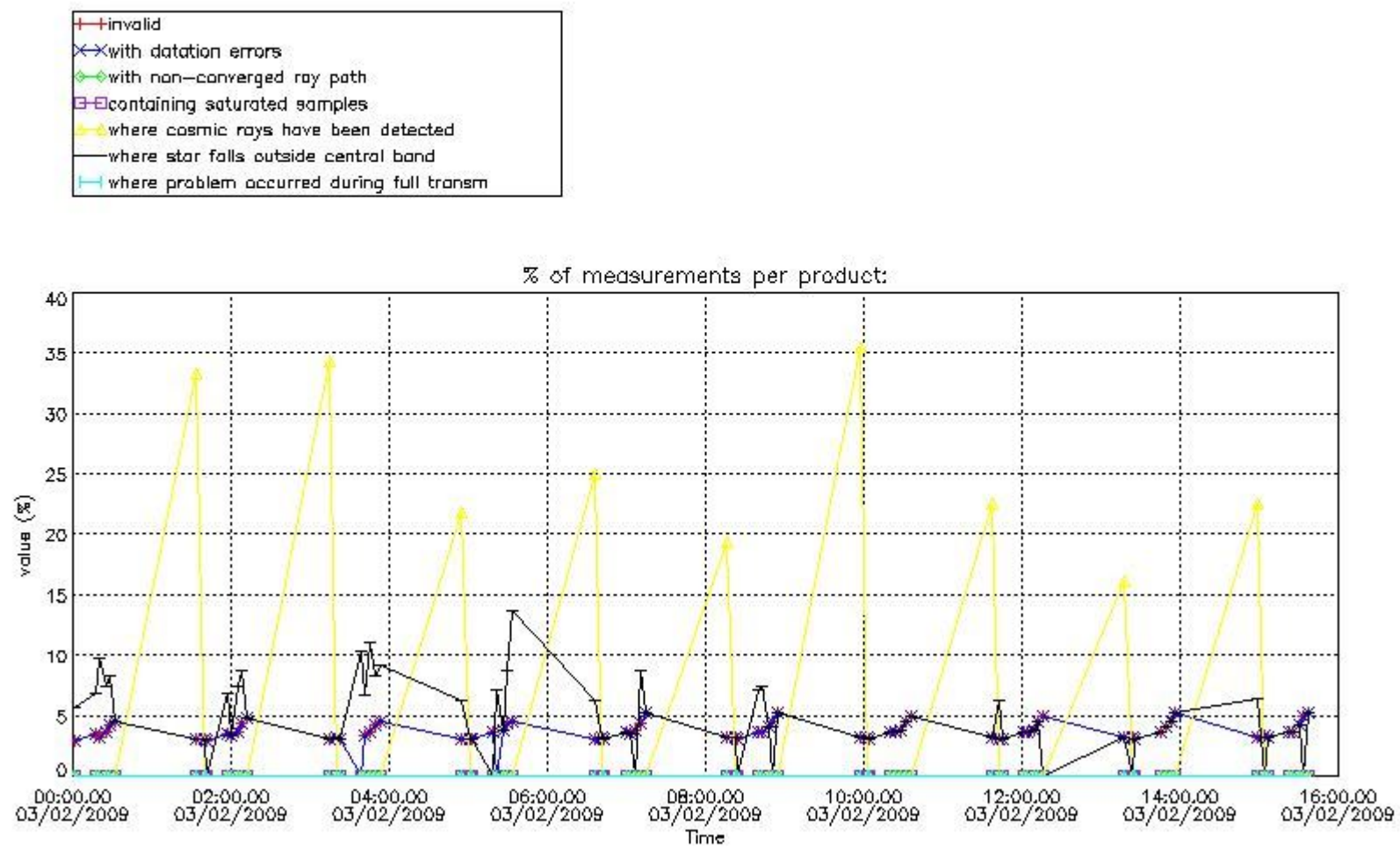
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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





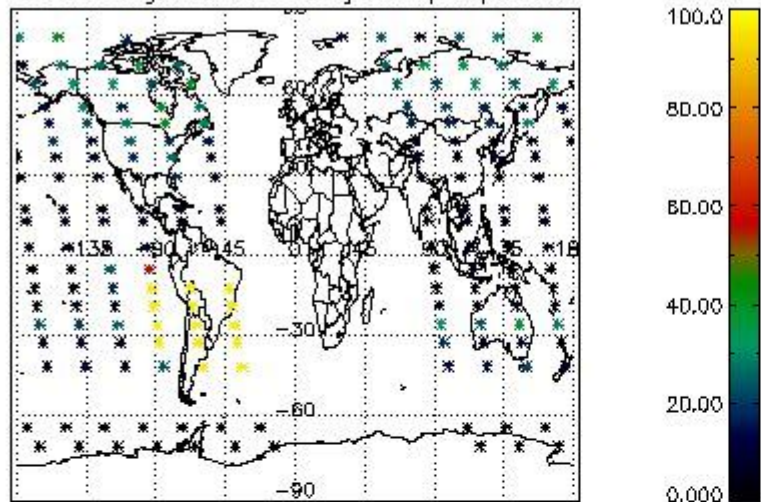
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



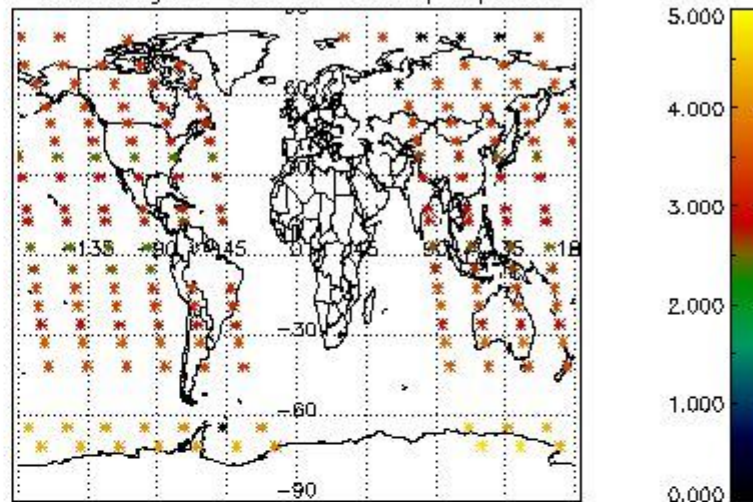
4.2 Plot quality information per product coming from level 1b processing (world map)

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

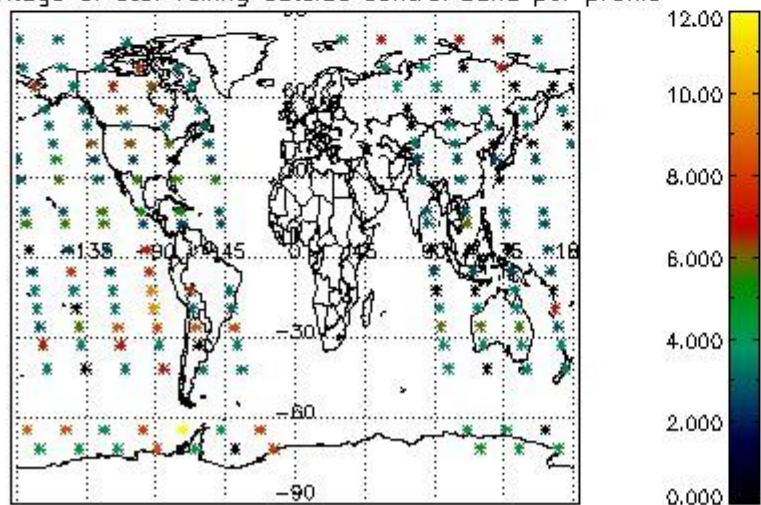
Percentage of cosmic ray hits per profile



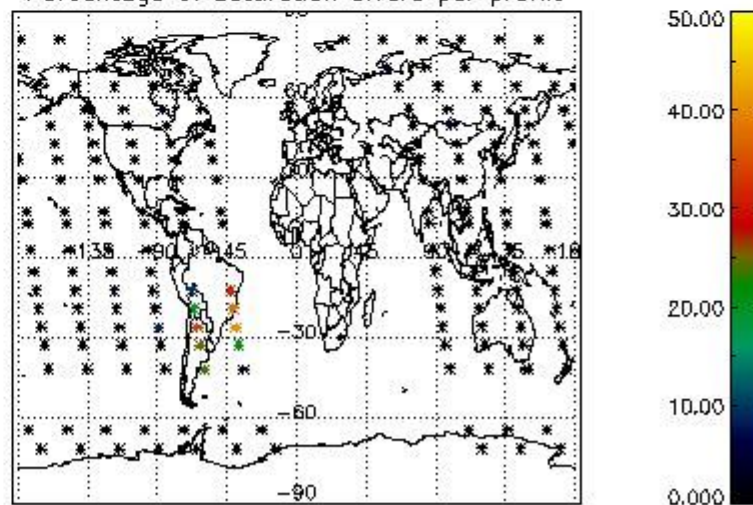
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

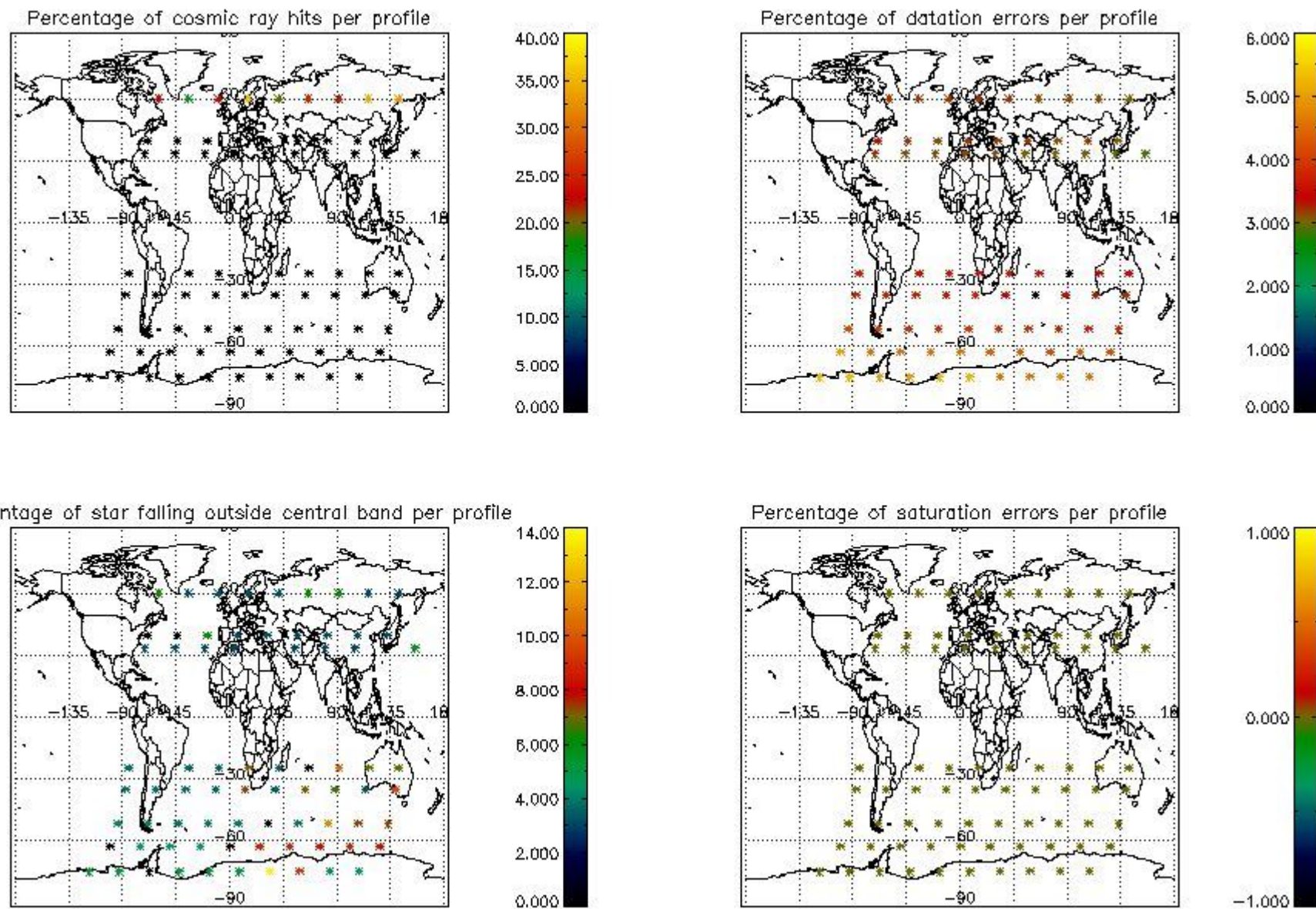


Percentage of saturation errors per profile



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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

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

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

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

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

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

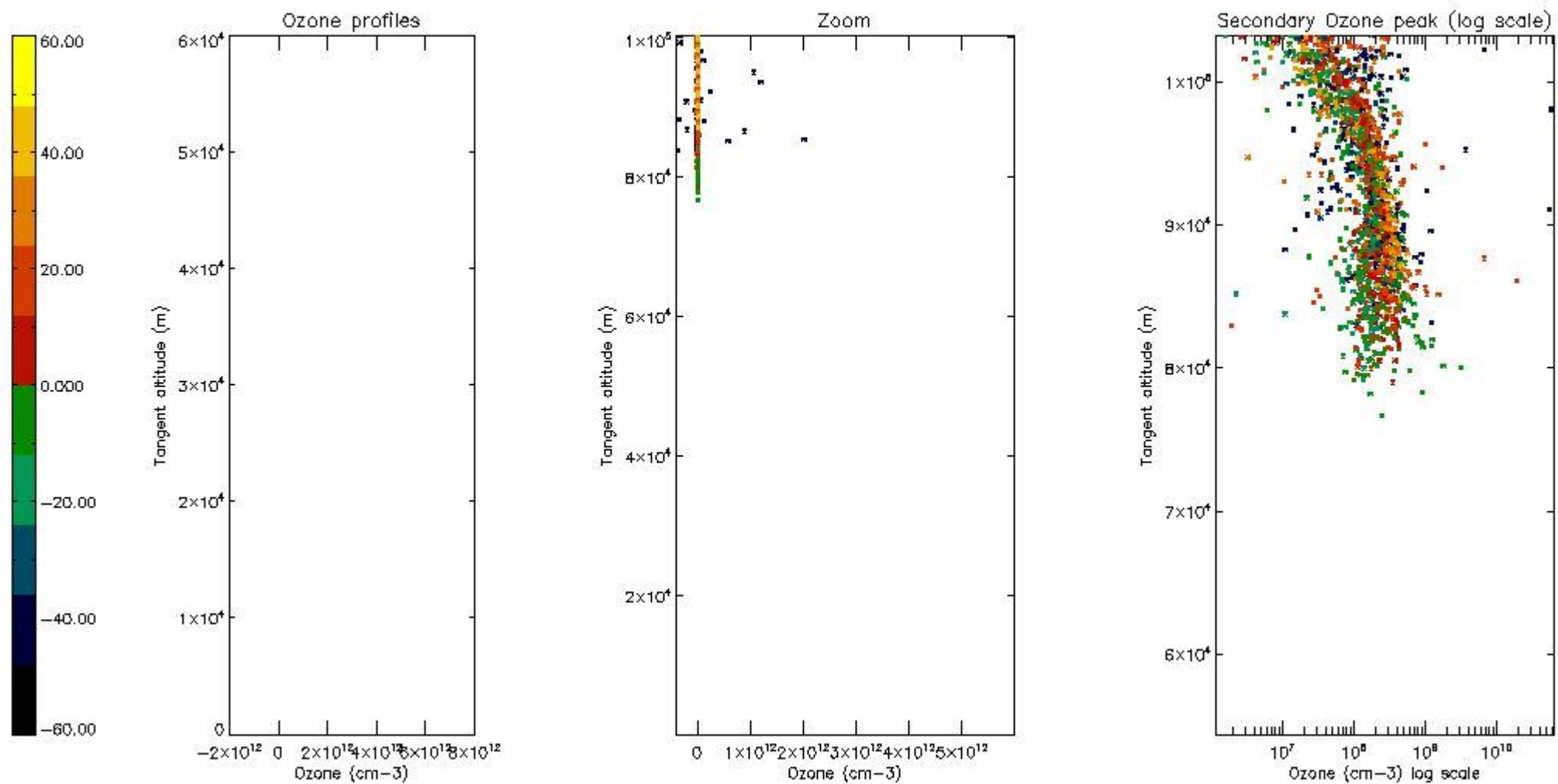
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	56
STD < 20	9

STD < 10	5
STD < 5	2

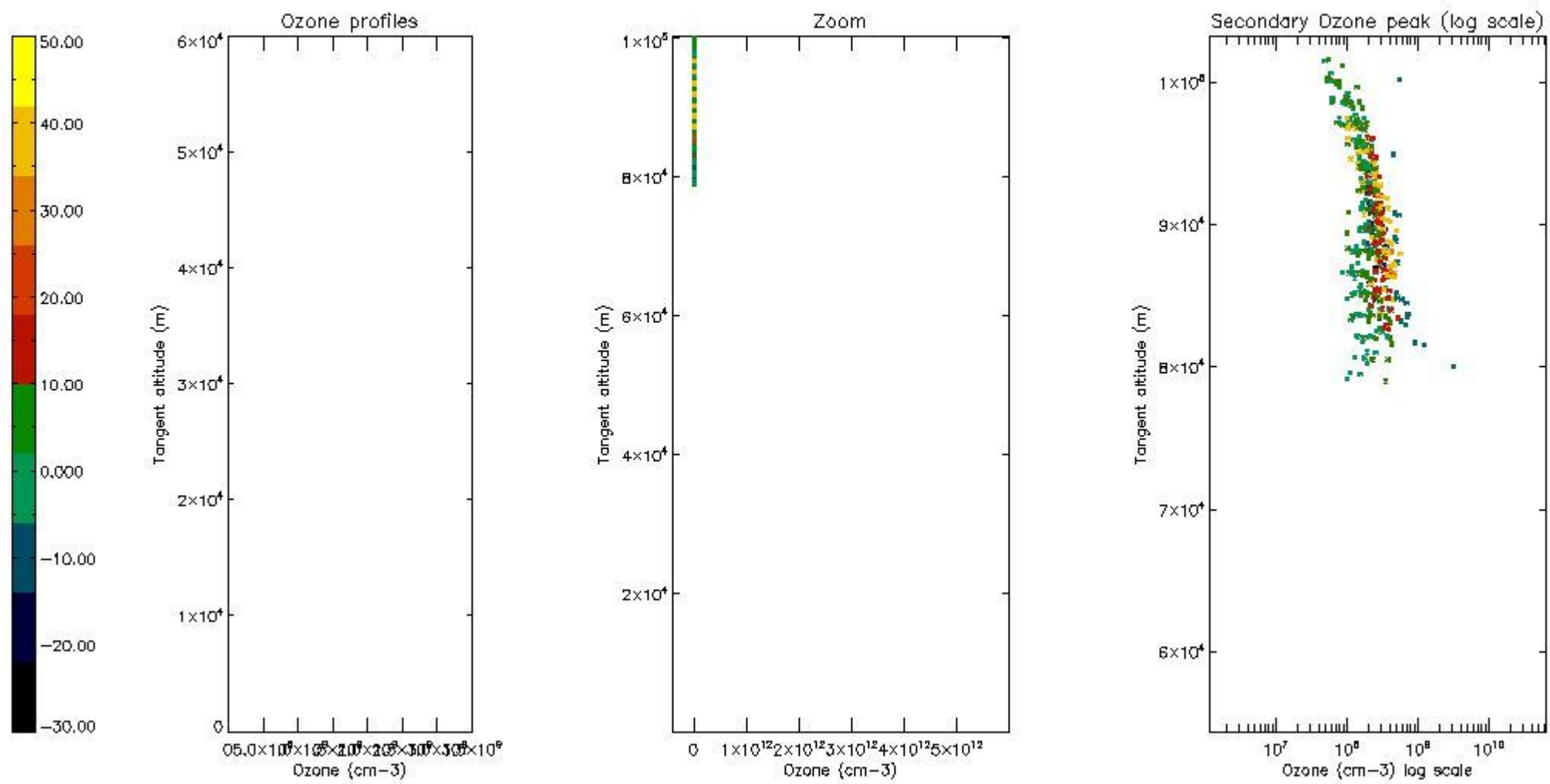
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

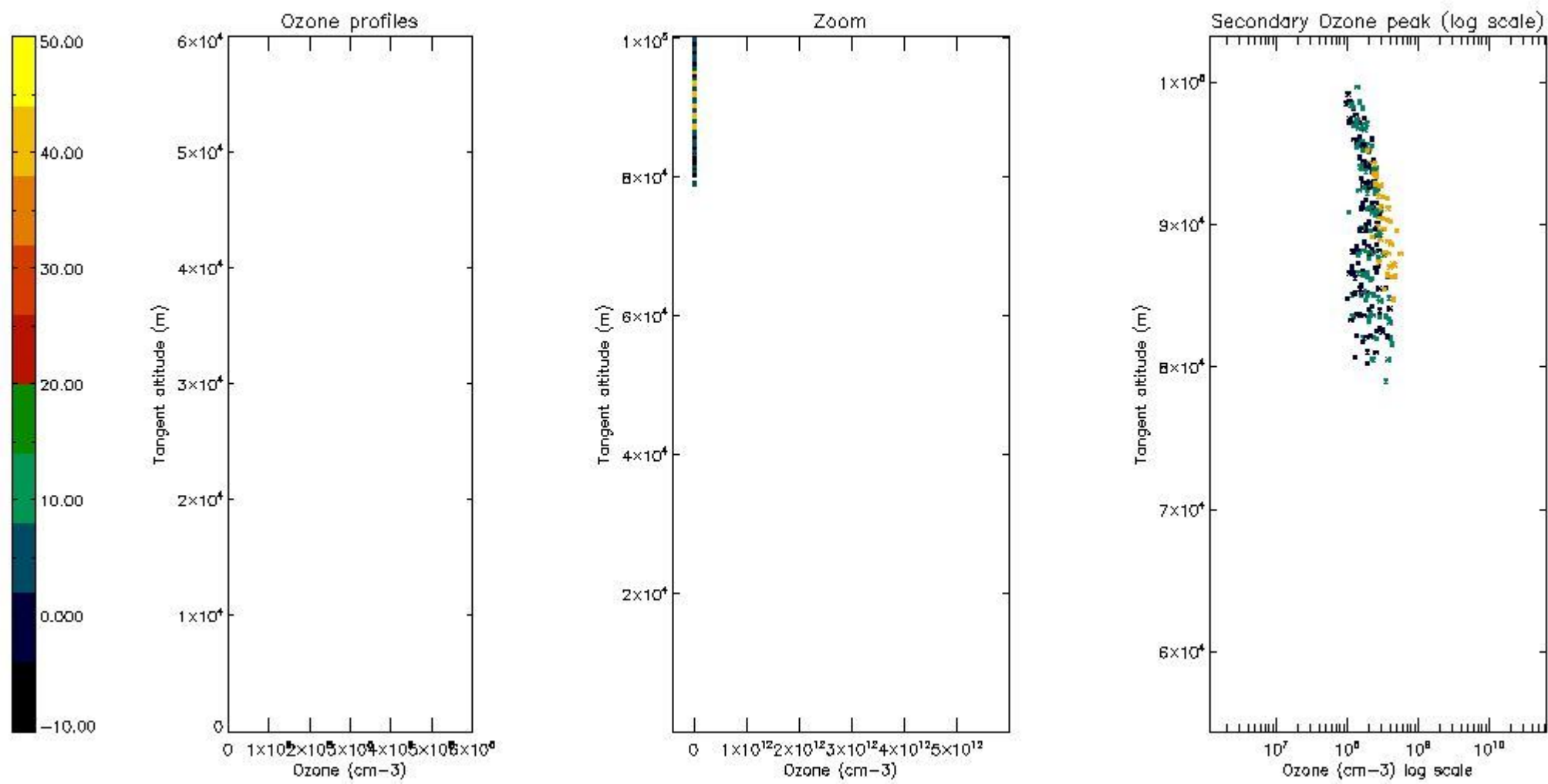
The colorbar represents the latitude.



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

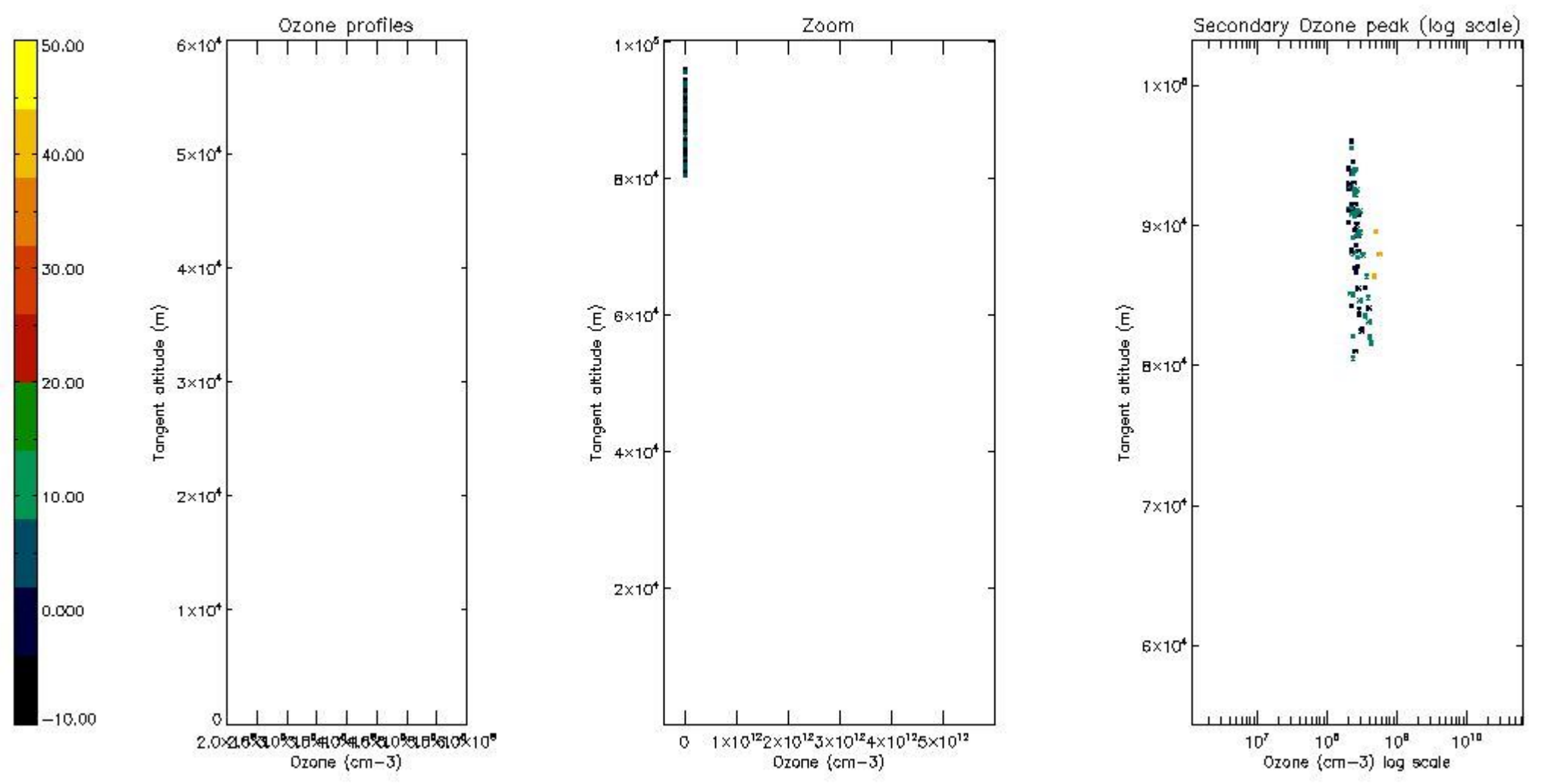
The colorbar represents the latitude.





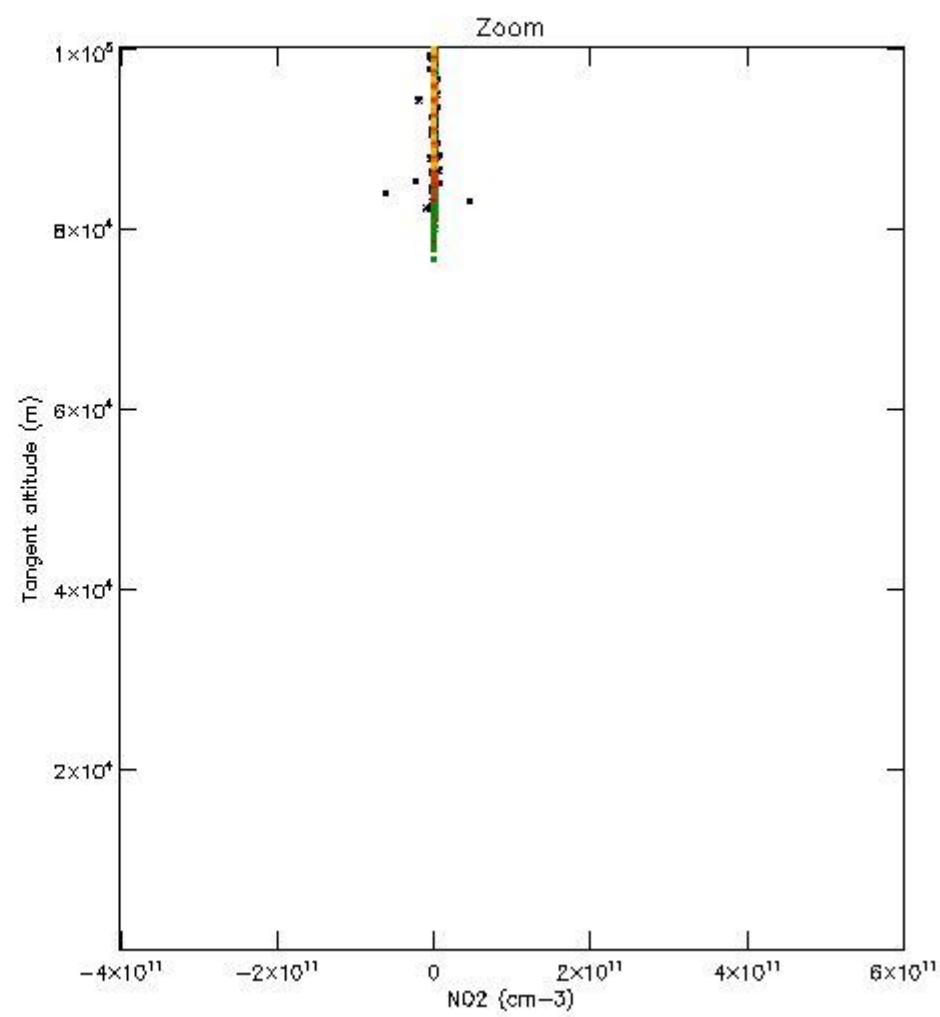
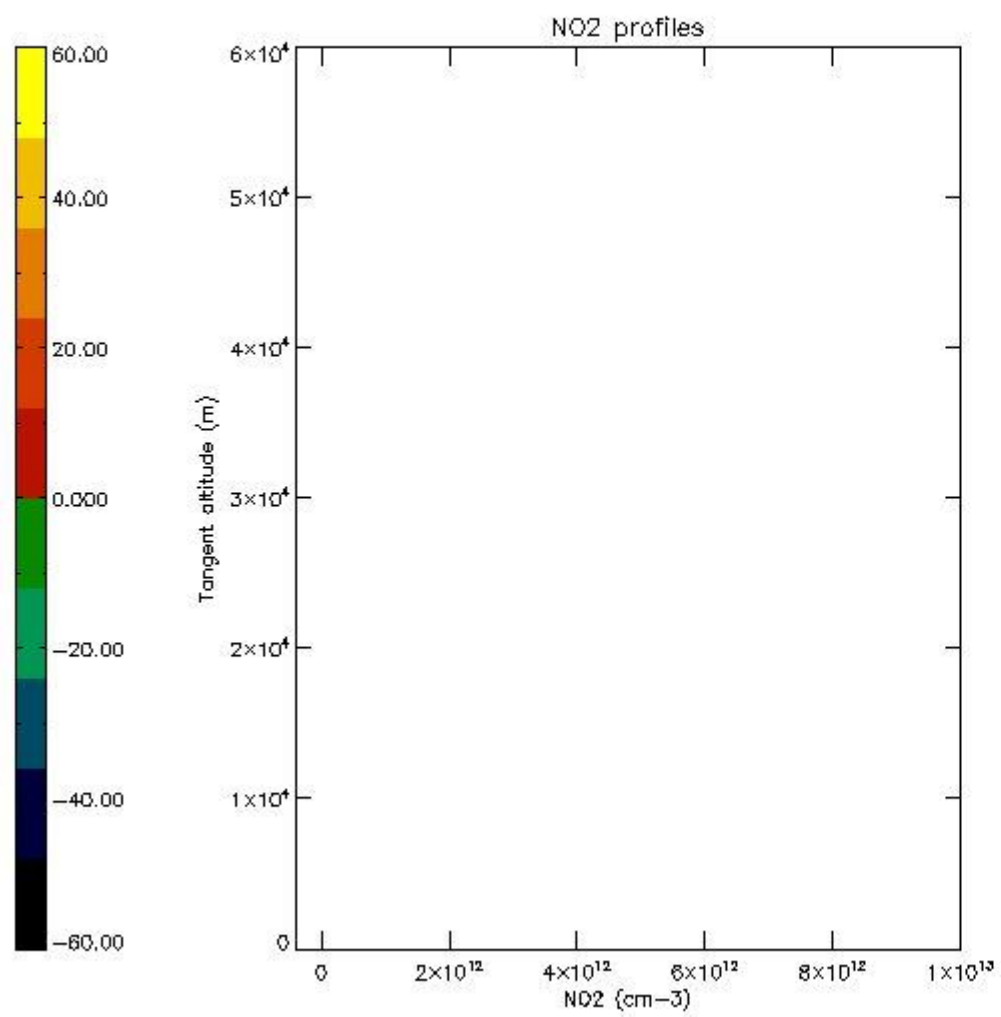
*5.5 Plot ozone profiles where  $STD < 5\%$  (dark without errors)*

The colorbar represents the latitude.



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

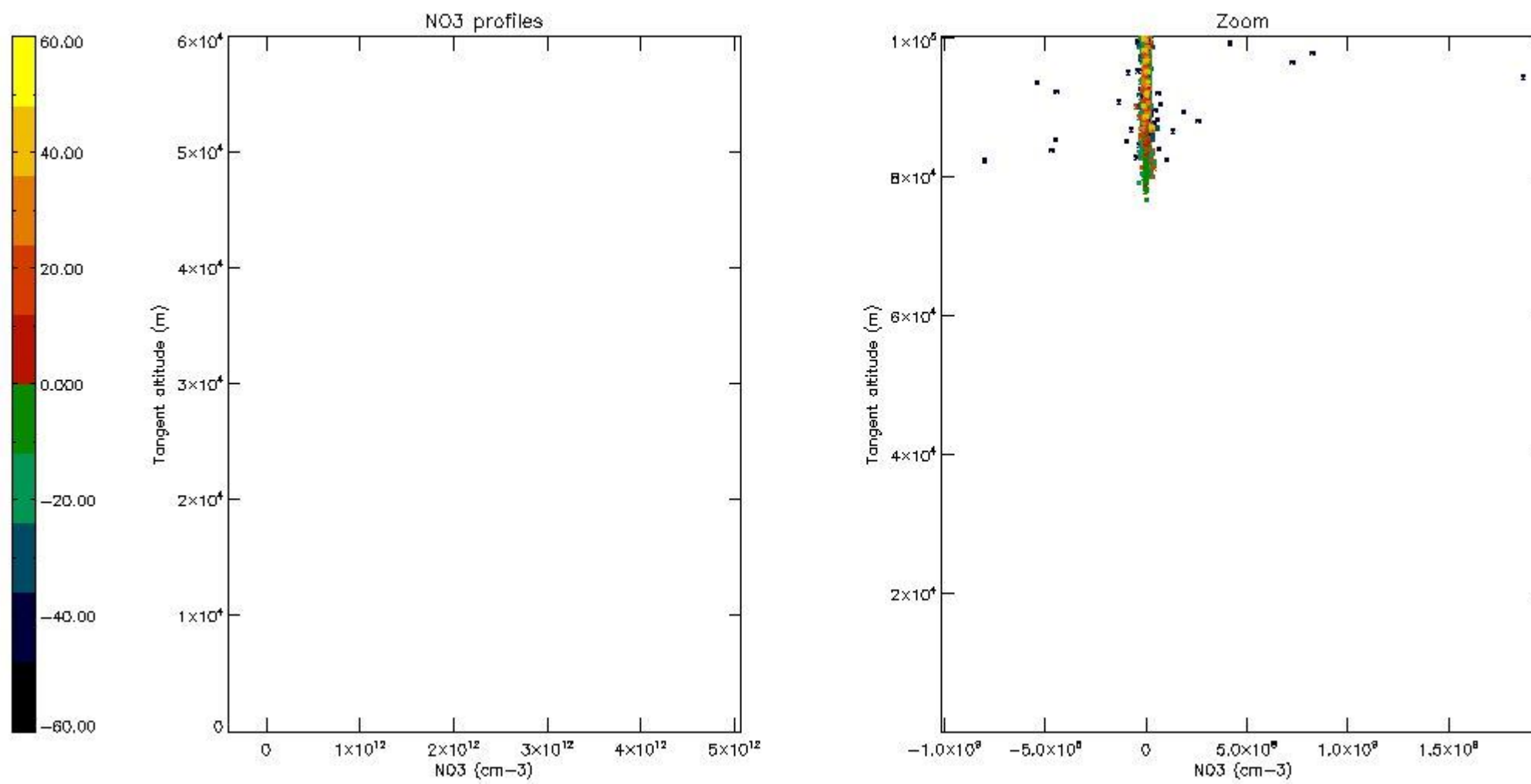
The colorbar represents the latitude.



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

The colorbar represents the latitude.





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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	03-FEB-2009 00:00:48
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	03-FEB-2009 00:00:48
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	03-FEB-2009 00:00:48

# GOMOS Level 2 Daily Report

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

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

Item	Value
Time of report generation	25APR2013 17:33:25
Data source version	GOMOS/6.01
Start time of products	03-02-2009 (03FEB2009 00:00:00)
Stop time of products	04-02-2009 (04FEB2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	262
Nb of prods with errors	0

## 2. Summary of processed GOM\_NL\_\_2P products.

**!Warning: No products without errors in BRIGHT limb contitions found**

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20090203_000048_000000182076_00102_36228_9810.N1	03-FEB-2009 00:00:48	Twi_and_stray	17.500	24	66Alp Gem	1.5800	10200.	35	36228	No
2	GOM_NL__2PRFIN20090203_001703_000000152076_00102_36228_9811.N1	03-FEB-2009 00:17:03	Twi_and_stray	14.500	49	1Alp UMi	1.9900	6300.0	29	36228	No
3	GOM_NL__2PRFIN20090203_002001_000000162076_00102_36228_9812.N1	03-FEB-2009 00:20:01	Twi_and_stray	15.500	60	7Bet UMi	2.0810	3950.0	31	36228	No
4	GOM_NL__2PRFIN20090203_002446_000000142076_00102_36228_9813.N1	03-FEB-2009 00:24:46	Twi_and_stray	13.500	119	14Eta Dra	2.7270	4700.0	27	36228	No
5	GOM_NL__2PRFIN20090203_002801_000000122076_00102_36228_9814.N1	03-FEB-2009 00:28:01	Twi_and_stray	12.000	130	23Bet Dra	2.7990	5800.0	24	36228	No
6	GOM_NL__2PRFIN20090203_003144_000000112076_00102_36228_9815.N1	03-FEB-2009 00:31:44	Twi_and_stray	11.000	5	3Alp Lyr	0.033000	11000.	22	36228	No
7	GOM_NL__2PRFIN20090203_004002_000000132076_00102_36228_9816.N1	03-FEB-2009 00:40:02	Twi_and_stray	12.500	59	55Alp Oph	2.0800	8900.0	25	36228	No
8	GOM_NL__2PRFIN20090203_004211_000000132076_00102_36228_9817.N1	03-FEB-2009 00:42:11	Twi_and_stray	12.500	126	60Bet Oph	2.7700	4250.0	25	36228	No
9	GOM_NL__2PRFIN20090203_004846_000000162076_00102_36228_9818.N1	03-FEB-2009 00:48:46	Twi_and_stray	15.500	86	35Eta Oph	2.4300	10200.	31	36228	No
10	GOM_NL__2PRFIN20090203_005120_000000152076_00102_36228_9819.N1	03-FEB-2009 00:51:20	Twilight	14.500	167	10Gam2Sgr	2.9840	4500.0	29	36228	No
11	GOM_NL__2PRFIN20090203_005311_000000192076_00102_36228_9820.N1	03-FEB-2009 00:53:11	Dark	18.500	16	21Alp Sco	1.0200	3000.0	37	36228	No
12	GOM_NL__2PRFIN20090203_005510_000000162076_00102_36228_9821.N1	03-FEB-2009 00:55:10	Dark	16.000	40	The Sco	1.8590	7100.0	32	36228	No
13	GOM_NL__2PRFIN20090203_005703_000000162076_00102_36228_9822.N1	03-FEB-2009 00:57:03	Dark	16.000	147	Alp Ara	2.8770	26000.	32	36228	No
14	GOM_NL__2PRFIN20090203_010404_000000192076_00103_36229_9829.N1	03-FEB-2009 01:04:04	Dark	18.500	4	Alp1Cen	-0.010000	5800.0	37	36229	No
15	GOM_NL__2PRFIN20090203_010517_000000192076_00103_36229_9830.N1	03-FEB-2009 01:05:17	Dark	18.500	10	Bet Cen	0.61000	28000.	37	36229	No
16	GOM_NL__2PRFIN20090203_010839_000000192076_00103_36229_9831.N1	03-FEB-2009 01:08:39	Dark	18.500	12	Alp1Cru	0.77500	30000.	37	36229	No
17	GOM_NL__2PRFIN20090203_011048_000000212076_00103_36229_9832.N1	03-FEB-2009 01:10:48	Dark	20.500	99	Del Cen	2.5750	26000.	41	36229	No
18	GOM_NL__2PRFIN20090203_011230_000000172076_00103_36229_9833.N1	03-FEB-2009 01:12:30	Dark	16.500	159	Ups Car	2.9200	7200.0	33	36229	No
19	GOM_NL__2PRFIN20090203_011425_000000172076_00103_36229_9834.N1	03-FEB-2009 01:14:25	Dark	16.500	71	lot Car	2.2460	7700.0	33	36229	No
20	GOM_NL__2PRFIN20090203_011609_000000162076_00103_36229_9835.N1	03-FEB-2009 01:16:09	Dark	16.000	46	Del Vel	1.9540	10600.	32	36229	No
21	GOM_NL__2PRFIN20090203_011839_000000162076_00103_36229_9836.N1	03-FEB-2009 01:18:39	Dark	15.500	34	Gam2Vel	1.7930	23000.	31	36229	No
22	GOM_NL__2PRFIN20090203_012043_000000162076_00103_36229_9837.N1	03-FEB-2009 01:20:43	Straylight	15.500	70	Zet Pup	2.2460	39000.	31	36229	No
23	GOM_NL__2PRFIN20090203_012409_000000162076_00103_36229_9838.N1	03-FEB-2009 01:24:09	Straylight	15.500	88	31Eta CMa	2.4480	20000.	31	36229	No
24	GOM_NL__2PRFIN20090203_013345_000000172076_00103_36229_9839.N1	03-FEB-2009 01:33:45	Twi_and_stray	16.500	8	10Alp CMi	0.40000	6500.0	33	36229	No
25	GOM_NL__2PRFIN20090203_013936_000000172076_00103_36229_9840.N1	03-FEB-2009 01:39:36	Twi_and_stray	16.500	170	27Eps Gem	3.0000	9700.0	33	36229	No
26	GOM_NL__2PRFIN20090203_014124_000000172076_00103_36229_9841.N1	03-FEB-2009 01:41:24	Twi_and_stray	17.000	24	66Alp Gem	1.5800	10200.	34	36229	No
27	GOM_NL__2PRFIN20090203_015739_000000152076_00103_36229_9842.N1	03-FEB-2009 01:57:39	Twi_and_stray	14.500	49	1Alp UMi	1.9900	6300.0	29	36229	No
28	GOM_NL__2PRFIN20090203_020036_000000152076_00103_36229_9843.N1	03-FEB-2009 02:00:36	Twi_and_stray	15.000	60	7Bet UMi	2.0810	3950.0	30	36229	No
29	GOM_NL__2PRFIN20090203_020521_000000142076_00103_36229_9844.N1	03-FEB-2009 02:05:21	Twi_and_stray	13.500	119	14Eta Dra	2.7270	4700.0	27	36229	No
30	GOM_NL__2PRFIN20090203_020838_000000122076_00103_36229_9845.N1	03-FEB-2009 02:08:38	Twi_and_stray	11.500	130	23Bet Dra	2.7990	5800.0	23	36229	No
31	GOM_NL__2PRFIN20090203_021220_000000112076_00103_36229_9846.N1	03-FEB-2009 02:12:20	Twi_and_stray	10.500	5	3Alp Lyr	0.033000	11000.	21	36229	No
32	GOM_NL__2PRFIN20090203_022039_000000122076_00103_36229_9847.N1	03-FEB-2009 02:20:39	Twi_and_stray	11.500	59	55Alp Oph	2.0800	8900.0	23	36229	No
33	GOM_NL__2PRFIN20090203_022247_000000122076_00103_36229_9848.N1	03-FEB-2009 02:22:47	Twi_and_stray	12.000	126	60Bet Oph	2.7700	4250.0	24	36229	No
34	GOM_NL__2PRFIN20090203_022922_000000152076_00103_36229_9849.N1	03-FEB-2009 02:29:22	Twi_and_stray	15.000	86	35Eta Oph	2.4300	10200.	30	36229	No
35	GOM_NL__2PRFIN20090203_023156_000000142076_00103_36229_9850.N1	03-FEB-2009 02:31:56	Twilight	14.000	167	10Gam2Sgr	2.9840	4500.0	28	36229	No
36	GOM_NL__2PRFIN20090203_023348_000000182076_00103_36229_9851.N1	03-FEB-2009 02:33:48	Dark	18.000	16	21Alp Sco	1.0200	3000.0	36	36229	No
37	GOM_NL__2PRFIN20090203_023547_000000162076_00103_36229_9852.N1	03-FEB-2009 02:35:47	Dark	15.500	40	The Sco	1.8590	7100.0	31	36229	No
38	GOM_NL__2PRFIN20090203_023739_000000162076_00103_36229_9853.N1	03-FEB-2009 02:37:39	Dark	15.500	147	Alp Ara	2.8770	26000.	31	36229	No
39	GOM_NL__2PRFIN20090203_024440_000000192076_00104_36230_9850.N1	03-FEB-2009 02:44:40	Dark	19.000	4	Alp1Cen	-0.010000	5800.0	38	36230	No
40	GOM_NL__2PRFIN20090203_024554_000000192076_00104_36230_9851.N1	03-FEB-2009 02:45:54	Dark	18.500	10	Bet Cen	0.61000	28000.	37	36230	No
41	GOM_NL__2PRFIN20090203_024915_000000182076_00104_36230_9852.N1	03-FEB-2009 02:49:15	Dark	18.000	12	Alp1Cru	0.77500	30000.	36	36230	No

42	GOM_NL__2PRFIN20090203_025124_000000212076_00104_36230_9853.N1	03-FEB-2009 02:51:24	Dark	20.500	99	Del Cen	2.5750	26000.	41	36230	No
43	GOM_NL__2PRFIN20090203_025306_000000172076_00104_36230_9854.N1	03-FEB-2009 02:53:06	Dark	17.000	159	Ups Car	2.9200	7200.0	34	36230	No
44	GOM_NL__2PRFIN20090203_025501_000000172076_00104_36230_9855.N1	03-FEB-2009 02:55:01	Dark	16.500	71	lot Car	2.2460	7700.0	33	36230	No
45	GOM_NL__2PRFIN20090203_025645_000000162076_00104_36230_9856.N1	03-FEB-2009 02:56:45	Dark	16.000	46	Del Vel	1.9540	10600.	32	36230	No
46	GOM_NL__2PRFIN20090203_025915_000000162076_00104_36230_9857.N1	03-FEB-2009 02:59:15	Dark	16.000	34	Gam2Vel	1.7930	23000.	32	36230	No
47	GOM_NL__2PRFIN20090203_030120_000000162076_00104_36230_9858.N1	03-FEB-2009 03:01:20	Straylight	15.500	70	Zet Pup	2.2460	39000.	31	36230	No
48	GOM_NL__2PRFIN20090203_030540_000000162076_00104_36230_9859.N1	03-FEB-2009 03:05:40	Straylight	15.500	132	15Rho Pup	2.8030	6900.0	31	36230	No
49	GOM_NL__2PRFIN20090203_031421_000000162076_00104_36230_9860.N1	03-FEB-2009 03:14:21	Tw_i_and_stray	16.000	8	10Alp CMi	0.40000	6500.0	32	36230	No
50	GOM_NL__2PRFIN20090203_032013_000000162076_00104_36230_9861.N1	03-FEB-2009 03:20:13	Tw_i_and_stray	15.500	170	27Eps Gem	3.0000	9700.0	31	36230	No
51	GOM_NL__2PRFIN20090203_032200_000000172076_00104_36230_9862.N1	03-FEB-2009 03:22:00	Tw_i_and_stray	16.500	24	66Alp Gem	1.5800	10200.	33	36230	No
52	GOM_NL__2PRFIN20090203_033815_000000152076_00104_36230_9863.N1	03-FEB-2009 03:38:15	Tw_i_and_stray	14.500	49	1Alp UMi	1.9900	6300.0	29	36230	No
53	GOM_NL__2PRFIN20090203_034112_000000152076_00104_36230_9864.N1	03-FEB-2009 03:41:12	Tw_i_and_stray	15.000	60	7Bet UMi	2.0810	3950.0	30	36230	No
54	GOM_NL__2PRFIN20090203_034557_000000142076_00104_36230_9865.N1	03-FEB-2009 03:45:57	Tw_i_and_stray	13.500	119	14Eta Dra	2.7270	4700.0	27	36230	No
55	GOM_NL__2PRFIN20090203_034913_000000122076_00104_36230_9866.N1	03-FEB-2009 03:49:13	Tw_i_and_stray	12.000	130	23Bet Dra	2.7990	5800.0	24	36230	No
56	GOM_NL__2PRFIN20090203_035256_000000112076_00104_36230_9867.N1	03-FEB-2009 03:52:56	Tw_i_and_stray	11.000	5	3Alp Lyr	0.033000	11000.	22	36230	No
57	GOM_NL__2PRFIN20090203_040114_000000122076_00104_36230_9868.N1	03-FEB-2009 04:01:14	Tw_i_and_stray	12.000	59	55Alp Oph	2.0800	8900.0	24	36230	No
58	GOM_NL__2PRFIN20090203_040324_000000132076_00104_36230_9869.N1	03-FEB-2009 04:03:24	Tw_i_and_stray	12.500	126	60Bet Oph	2.7700	4250.0	25	36230	No
59	GOM_NL__2PRFIN20090203_040959_000000152076_00104_36230_9870.N1	03-FEB-2009 04:09:59	Tw_i_and_stray	15.000	86	35Eta Oph	2.4300	10200.	30	36230	No
60	GOM_NL__2PRFIN20090203_041232_000000142076_00104_36230_9871.N1	03-FEB-2009 04:12:32	Twilight	14.000	167	10Gam2Sgr	2.9840	4500.0	28	36230	No
61	GOM_NL__2PRFIN20090203_041424_000000192076_00104_36230_9872.N1	03-FEB-2009 04:14:24	Dark	18.500	16	21Alp Sco	1.0200	3000.0	37	36230	No
62	GOM_NL__2PRFIN20090203_041623_000000162076_00104_36230_9873.N1	03-FEB-2009 04:16:23	Dark	15.500	40	The Sco	1.8590	7100.0	31	36230	No
63	GOM_NL__2PRFIN20090203_041815_000000162076_00104_36230_9874.N1	03-FEB-2009 04:18:15	Dark	16.000	147	Alp Ara	2.8770	26000.	32	36230	No
64	GOM_NL__2PRFIN20090203_042015_000000202076_00104_36230_9875.N1	03-FEB-2009 04:20:15	Dark	20.000	131	Gam Lup	2.8000	26000.	40	36230	No
65	GOM_NL__2PRFIN20090203_042232_000000212076_00105_36231_9858.N1	03-FEB-2009 04:22:32	Dark	21.000	109	Bet Lup	2.6770	26000.	42	36231	No
66	GOM_NL__2PRFIN20090203_042517_000000192076_00105_36231_9859.N1	03-FEB-2009 04:25:17	Dark	18.500	4	Alp1Cen	-0.010000	5800.0	37	36231	No
67	GOM_NL__2PRFIN20090203_042630_000000192076_00105_36231_9860.N1	03-FEB-2009 04:26:30	Dark	18.500	10	Bet Cen	0.61000	28000.	37	36231	No
68	GOM_NL__2PRFIN20090203_042952_000000182076_00105_36231_9861.N1	03-FEB-2009 04:29:52	Dark	18.000	12	Alp1Cru	0.77500	30000.	36	36231	No
69	GOM_NL__2PRFIN20090203_043201_000000212076_00105_36231_9862.N1	03-FEB-2009 04:32:01	Dark	20.500	99	Del Cen	2.5750	26000.	41	36231	No
70	GOM_NL__2PRFIN20090203_043343_000000162076_00105_36231_9863.N1	03-FEB-2009 04:33:43	Dark	16.000	159	Ups Car	2.9200	7200.0	32	36231	No
71	GOM_NL__2PRFIN20090203_043538_000000162076_00105_36231_9864.N1	03-FEB-2009 04:35:38	Dark	16.000	71	lot Car	2.2460	7700.0	32	36231	No
72	GOM_NL__2PRFIN20090203_043721_000000162076_00105_36231_9865.N1	03-FEB-2009 04:37:21	Dark	16.000	46	Del Vel	1.9540	10600.	32	36231	No
73	GOM_NL__2PRFIN20090203_043951_000000152076_00105_36231_9866.N1	03-FEB-2009 04:39:51	Dark	15.000	34	Gam2Vel	1.7930	23000.	30	36231	No
74	GOM_NL__2PRFIN20090203_044156_000000152076_00105_36231_9867.N1	03-FEB-2009 04:41:56	Straylight	15.000	70	Zet Pup	2.2460	39000.	30	36231	No
75	GOM_NL__2PRFIN20090203_044616_000000162076_00105_36231_9868.N1	03-FEB-2009 04:46:16	Straylight	15.500	132	15Rho Pup	2.8030	6900.0	31	36231	No
76	GOM_NL__2PRFIN20090203_045457_000000162076_00105_36231_9869.N1	03-FEB-2009 04:54:57	Tw_i_and_stray	16.000	8	10Alp CMi	0.40000	6500.0	32	36231	No
77	GOM_NL__2PRFIN20090203_050049_000000162076_00105_36231_9870.N1	03-FEB-2009 05:00:49	Tw_i_and_stray	16.000	170	27Eps Gem	3.0000	9700.0	32	36231	No
78	GOM_NL__2PRFIN20090203_050236_000000172076_00105_36231_9871.N1	03-FEB-2009 05:02:36	Tw_i_and_stray	16.500	24	66Alp Gem	1.5800	10200.	33	36231	No
79	GOM_NL__2PRFIN20090203_051851_000000142076_00105_36231_9872.N1	03-FEB-2009 05:18:51	Tw_i_and_stray	14.000	49	1Alp UMi	1.9900	6300.0	28	36231	No
80	GOM_NL__2PRFIN20090203_052148_000000142076_00105_36231_9873.N1	03-FEB-2009 05:21:48	Tw_i_and_stray	14.000	60	7Bet UMi	2.0810	3950.0	28	36231	No
81	GOM_NL__2PRFIN20090203_052633_000000132076_00105_36231_9874.N1	03-FEB-2009 05:26:33	Tw_i_and_stray	13.000	119	14Eta Dra	2.7270	4700.0	26	36231	No
82	GOM_NL__2PRFIN20090203_052949_000000122076_00105_36231_9875.N1	03-FEB-2009 05:29:49	Tw_i_and_stray	11.500	130	23Bet Dra	2.7990	5800.0	23	36231	No
83	GOM_NL__2PRFIN20090203_053332_000000112076_00105_36231_9876.N1	03-FEB-2009 05:33:32	Tw_i_and_stray	11.000	5	3Alp Lyr	0.033000	11000.	22	36231	No
84	GOM_NL__2PRFIN20090203_054151_000000122076_00105_36231_9877.N1	03-FEB-2009 05:41:51	Tw_i_and_stray	12.000	59	55Alp Oph	2.0800	8900.0	24	36231	No
85	GOM_NL__2PRFIN20090203_054400_000000132076_00105_36231_9878.N1	03-FEB-2009 05:44:00	Tw_i_and_stray	12.500	126	60Bet Oph	2.7700	4250.0	25	36231	No
86	GOM_NL__2PRFIN20090203_055035_000000152076_00105_36231_9879.N1	03-FEB-2009 05:50:35	Tw_i_and_stray	15.000	86	35Eta Oph	2.4300	10200.	30	36231	No
87	GOM_NL__2PRFIN20090203_055309_000000142076_00105_36231_9880.N1	03-FEB-2009 05:53:09	Twilight	14.000	167	10Gam2Sgr	2.9840	4500.0	28	36231	No
88	GOM_NL__2PRFIN20090203_055501_000000182076_00105_36231_9881.N1	03-FEB-2009 05:55:01	Dark	18.000	16	21Alp Sco	1.0200	3000.0	36	36231	No
89	GOM_NL__2PRFIN20090203_055659_000000152076_00105_36231_9882.N1	03-FEB-2009 05:56:59	Dark	15.000	40	The Sco	1.8590	7100.0	30	36231	No
90	GOM_NL__2PRFIN20090203_055852_000000152076_00105_36231_9883.N1	03-FEB-2009 05:58:52	Dark	15.000	147	Alp Ara	2.8770	26000.	30	36231	No
91	GOM_NL__2PRFIN20090203_060052_000000202076_00105_36231_9884.N1	03-FEB-2009 06:00:52	Dark	19.500	131	Gam Lup	2.8000	26000.	39	36231	No
92	GOM_NL__2PRFIN20090203_060309_000000212076_00106_36232_9866.N1	03-FEB-2009 06:03:09	Dark	20.500	109	Bet Lup	2.6770	26000.	41	36232	No
93	GOM_NL__2PRFIN20090203_060553_000000182076_00106_36232_9867.N1	03-FEB-2009 06:05:53	Dark	18.000	4	Alp1Cen	-0.010000	5800.0	36	36232	No
94	GOM_NL__2PRFIN20090203_060707_000000182076_00106_36232_9868.N1	03-FEB-2009 06:07:07	Dark	18.000	10	Bet Cen	0.61000	28000.	36	36232	No
95	GOM_NL__2PRFIN20090203_061028_000000182076_00106_36232_9869.N1	03-FEB-2009 06:10:28	Dark	17.500	12	Alp1Cru	0.77500	30000.	35	36232	No
96	GOM_NL__2PRFIN20090203_061238_000000202076_00106_36232_9870.N1	03-FEB-2009 06:12:38	Dark	20.000	99	Del Cen	2.5750	26000.	40	36232	No
97	GOM_NL__2PRFIN20090203_061419_000000162076_00106_36232_9871.N1	03-FEB-2009 06:14:19	Dark	16.000	159	Ups Car	2.9200	7200.0	32	36232	No
98	GOM_NL__2PRFIN20090203_061614_000000162076_00106_36232_9872.N1	03-FEB-2009 06:16:14	Dark	16.000	71	lot Car	2.2460	7700.0	32	36232	No
99	GOM_NL__2PRFIN20090203_061758_000000152076_00106_36232_9873.N1	03-FEB-2009 06:17:58	Dark	15.000	46	Del Vel	1.9540	10600.	30	36232	No
100	GOM_NL__2PRFIN20090203_062027_000000152076_00106_36232_9874.N1	03-FEB-2009 06:20:27	Dark	15.000	34	Gam2Vel	1.7930	23000.	30	36232	No



101	GOM_NL__2PRFIN20090203_062232_000000152076_00106_36232_9875.N1	03-FEB-2009 06:22:32	Straylight	15.000	70	Zet Pup	2.2460	39000.	30	36232	No
102	GOM_NL__2PRFIN20090203_062653_000000152076_00106_36232_9876.N1	03-FEB-2009 06:26:53	Straylight	15.000	132	15Rho Pup	2.8030	6900.0	30	36232	No
103	GOM_NL__2PRFIN20090203_063533_000000162076_00106_36232_9877.N1	03-FEB-2009 06:35:33	Twi_and_stray	16.000	8	10Alp CMi	0.40000	6500.0	32	36232	No
104	GOM_NL__2PRFIN20090203_064125_000000162076_00106_36232_9878.N1	03-FEB-2009 06:41:25	Twi_and_stray	15.500	170	27Eps Gem	3.0000	9700.0	31	36232	No
105	GOM_NL__2PRFIN20090203_064312_000000172076_00106_36232_9879.N1	03-FEB-2009 06:43:12	Twi_and_stray	16.500	24	66Alp Gem	1.5800	10200.	33	36232	No
106	GOM_NL__2PRFIN20090203_065927_000000142076_00106_36232_9880.N1	03-FEB-2009 06:59:27	Twi_and_stray	14.000	49	1Alp UMi	1.9900	6300.0	28	36232	No
107	GOM_NL__2PRFIN20090203_070223_000000152076_00106_36232_9881.N1	03-FEB-2009 07:02:23	Twi_and_stray	14.500	60	7Bet UMi	2.0810	3950.0	29	36232	No
108	GOM_NL__2PRFIN20090203_070708_000000132076_00106_36232_9882.N1	03-FEB-2009 07:07:08	Twi_and_stray	13.000	119	14Eta Dra	2.7270	4700.0	26	36232	No
109	GOM_NL__2PRFIN20090203_071025_000000122076_00106_36232_9883.N1	03-FEB-2009 07:10:25	Twi_and_stray	11.500	130	23Bet Dra	2.7990	5800.0	23	36232	No
110	GOM_NL__2PRFIN20090203_071409_000000102076_00106_36232_9884.N1	03-FEB-2009 07:14:09	Twi_and_stray	9.5000	5	3Alp Lyr	0.033000	11000.	19	36232	No
111	GOM_NL__2PRFIN20090203_072227_000000122076_00106_36232_9885.N1	03-FEB-2009 07:22:27	Twi_and_stray	12.000	59	55Alp Oph	2.0800	8900.0	24	36232	No
112	GOM_NL__2PRFIN20090203_072436_000000122076_00106_36232_9886.N1	03-FEB-2009 07:24:36	Twi_and_stray	12.000	126	60Bet Oph	2.7700	4250.0	24	36232	No
113	GOM_NL__2PRFIN20090203_073112_000000152076_00106_36232_9887.N1	03-FEB-2009 07:31:12	Twi_and_stray	14.500	86	35Eta Oph	2.4300	10200.	29	36232	No
114	GOM_NL__2PRFIN20090203_073345_000000142076_00106_36232_9888.N1	03-FEB-2009 07:33:45	Twilight	14.000	167	10Gam2Sgr	2.9840	4500.0	28	36232	No
115	GOM_NL__2PRFIN20090203_073538_000000182076_00106_36232_9889.N1	03-FEB-2009 07:35:38	Dark	17.500	16	21Alp Sco	1.0200	3000.0	35	36232	No
116	GOM_NL__2PRFIN20090203_073736_000000152076_00106_36232_9890.N1	03-FEB-2009 07:37:36	Dark	14.500	40	The Sco	1.8590	7100.0	29	36232	No
117	GOM_NL__2PRFIN20090203_073928_000000152076_00106_36232_9891.N1	03-FEB-2009 07:39:28	Dark	15.000	147	Alp Ara	2.8770	26000.	30	36232	No
118	GOM_NL__2PRFIN20090203_074129_000000202076_00106_36232_9892.N1	03-FEB-2009 07:41:29	Dark	19.500	131	Gam Lup	2.8000	26000.	39	36232	No
119	GOM_NL__2PRFIN20090203_074346_000000212076_00107_36233_9956.N1	03-FEB-2009 07:43:46	Dark	20.500	109	Bet Lup	2.6770	26000.	41	36233	No
120	GOM_NL__2PRFIN20090203_074630_000000182076_00107_36233_9957.N1	03-FEB-2009 07:46:30	Dark	18.000	4	Alp1Cen	-0.010000	5800.0	36	36233	No
121	GOM_NL__2PRFIN20090203_074743_000000182076_00107_36233_9958.N1	03-FEB-2009 07:47:43	Dark	18.000	10	Bet Cen	0.61000	28000.	36	36233	No
122	GOM_NL__2PRFIN20090203_075105_000000182076_00107_36233_9959.N1	03-FEB-2009 07:51:05	Dark	17.500	12	Alp1Cru	0.77500	30000.	35	36233	No
123	GOM_NL__2PRFIN20090203_075315_000000202076_00107_36233_9960.N1	03-FEB-2009 07:53:15	Dark	20.000	99	Del Cen	2.5750	26000.	40	36233	No
124	GOM_NL__2PRFIN20090203_075455_000000162076_00107_36233_9961.N1	03-FEB-2009 07:54:55	Dark	16.000	159	Ups Car	2.9200	7200.0	32	36233	No
125	GOM_NL__2PRFIN20090203_075650_000000162076_00107_36233_9962.N1	03-FEB-2009 07:56:50	Dark	15.500	71	lot Car	2.2460	7700.0	31	36233	No
126	GOM_NL__2PRFIN20090203_075834_000000162076_00107_36233_9963.N1	03-FEB-2009 07:58:34	Dark	15.500	46	Del Vel	1.9540	10600.	31	36233	No
127	GOM_NL__2PRFIN20090203_080103_000000162076_00107_36233_9964.N1	03-FEB-2009 08:01:03	Dark	15.500	34	Gam2Vel	1.7930	23000.	31	36233	No
128	GOM_NL__2PRFIN20090203_080308_000000152076_00107_36233_9965.N1	03-FEB-2009 08:03:08	Straylight	15.000	70	Zet Pup	2.2460	39000.	30	36233	No
129	GOM_NL__2PRFIN20090203_080729_000000152076_00107_36233_9966.N1	03-FEB-2009 08:07:29	Straylight	15.000	132	15Rho Pup	2.8030	6900.0	30	36233	No
130	GOM_NL__2PRFIN20090203_081609_000000162076_00107_36233_9967.N1	03-FEB-2009 08:16:09	Twi_and_stray	15.500	8	10Alp CMi	0.40000	6500.0	31	36233	No
131	GOM_NL__2PRFIN20090203_082201_000000162076_00107_36233_9968.N1	03-FEB-2009 08:22:01	Twi_and_stray	15.500	170	27Eps Gem	3.0000	9700.0	31	36233	No
132	GOM_NL__2PRFIN20090203_082347_000000162076_00107_36233_9969.N1	03-FEB-2009 08:23:47	Twi_and_stray	16.000	24	66Alp Gem	1.5800	10200.	32	36233	No
133	GOM_NL__2PRFIN20090203_084003_000000142076_00107_36233_9970.N1	03-FEB-2009 08:40:03	Twi_and_stray	14.000	49	1Alp UMi	1.9900	6300.0	28	36233	No
134	GOM_NL__2PRFIN20090203_084259_000000142076_00107_36233_9971.N1	03-FEB-2009 08:42:59	Twi_and_stray	13.500	60	7Bet UMi	2.0810	3950.0	27	36233	No
135	GOM_NL__2PRFIN20090203_084744_000000132076_00107_36233_9972.N1	03-FEB-2009 08:47:44	Twi_and_stray	12.500	119	14Eta Dra	2.7270	4700.0	25	36233	No
136	GOM_NL__2PRFIN20090203_085101_000000112076_00107_36233_9973.N1	03-FEB-2009 08:51:01	Twi_and_stray	11.000	130	23Bet Dra	2.7990	5800.0	22	36233	No
137	GOM_NL__2PRFIN20090203_085445_000000102076_00107_36233_9974.N1	03-FEB-2009 08:54:45	Twi_and_stray	9.5000	5	3Alp Lyr	0.033000	11000.	19	36233	No
138	GOM_NL__2PRFIN20090203_090303_000000122076_00107_36233_9975.N1	03-FEB-2009 09:03:03	Twi_and_stray	11.500	59	55Alp Oph	2.0800	8900.0	23	36233	No
139	GOM_NL__2PRFIN20090203_090512_000000122076_00107_36233_9976.N1	03-FEB-2009 09:05:12	Twi_and_stray	12.000	126	60Bet Oph	2.7700	4250.0	24	36233	No
140	GOM_NL__2PRFIN20090203_091148_000000152076_00107_36233_9977.N1	03-FEB-2009 09:11:48	Twi_and_stray	14.500	86	35Eta Oph	2.4300	10200.	29	36233	No
141	GOM_NL__2PRFIN20090203_091421_000000142076_00107_36233_9978.N1	03-FEB-2009 09:14:21	Twilight	14.000	167	10Gam2Sgr	2.9840	4500.0	28	36233	No
142	GOM_NL__2PRFIN20090203_091614_000000182076_00107_36233_9979.N1	03-FEB-2009 09:16:14	Dark	17.500	16	21Alp Sco	1.0200	3000.0	35	36233	No
143	GOM_NL__2PRFIN20090203_091812_000000152076_00107_36233_9980.N1	03-FEB-2009 09:18:12	Dark	15.000	40	The Sco	1.8590	7100.0	30	36233	No
144	GOM_NL__2PRFIN20090203_092004_000000152076_00107_36233_9981.N1	03-FEB-2009 09:20:04	Dark	15.000	147	Alp Ara	2.8770	26000.	30	36233	No
145	GOM_NL__2PRFIN20090203_092205_000000192076_00107_36233_9982.N1	03-FEB-2009 09:22:05	Dark	19.000	131	Gam Lup	2.8000	26000.	38	36233	No
146	GOM_NL__2PRFIN20090203_092423_000000202076_00108_36234_9903.N1	03-FEB-2009 09:24:23	Dark	20.000	109	Bet Lup	2.6770	26000.	40	36234	No
147	GOM_NL__2PRFIN20090203_092706_000000182076_00108_36234_9904.N1	03-FEB-2009 09:27:06	Dark	18.000	4	Alp1Cen	-0.010000	5800.0	36	36234	No
148	GOM_NL__2PRFIN20090203_092820_000000182076_00108_36234_9905.N1	03-FEB-2009 09:28:20	Dark	17.500	10	Bet Cen	0.61000	28000.	35	36234	No
149	GOM_NL__2PRFIN20090203_093141_000000172076_00108_36234_9906.N1	03-FEB-2009 09:31:41	Dark	17.000	12	Alp1Cru	0.77500	30000.	34	36234	No
150	GOM_NL__2PRFIN20090203_093352_000000192076_00108_36234_9907.N1	03-FEB-2009 09:33:52	Dark	19.000	99	Del Cen	2.5750	26000.	38	36234	No
151	GOM_NL__2PRFIN20090203_093531_000000162076_00108_36234_9908.N1	03-FEB-2009 09:35:31	Dark	15.500	159	Ups Car	2.9200	7200.0	31	36234	No
152	GOM_NL__2PRFIN20090203_093726_000000152076_00108_36234_9909.N1	03-FEB-2009 09:37:26	Dark	15.000	71	lot Car	2.2460	7700.0	30	36234	No
153	GOM_NL__2PRFIN20090203_093910_000000152076_00108_36234_9910.N1	03-FEB-2009 09:39:10	Dark	15.000	46	Del Vel	1.9540	10600.	30	36234	No
154	GOM_NL__2PRFIN20090203_094139_000000152076_00108_36234_9911.N1	03-FEB-2009 09:41:39	Dark	14.500	34	Gam2Vel	1.7930	23000.	29	36234	No
155	GOM_NL__2PRFIN20090203_094344_000000152076_00108_36234_9912.N1	03-FEB-2009 09:43:44	Straylight	14.500	70	Zet Pup	2.2460	39000.	29	36234	No
156	GOM_NL__2PRFIN20090203_094805_000000152076_00108_36234_9913.N1	03-FEB-2009 09:48:05	Straylight	14.500	132	15Rho Pup	2.8030	6900.0	29	36234	No
157	GOM_NL__2PRFIN20090203_095644_000000162076_00108_36234_9914.N1	03-FEB-2009 09:56:44	Twi_and_stray	15.500	8	10Alp CMi	0.40000	6500.0	31	36234	No
158	GOM_NL__2PRFIN20090203_100237_000000162076_00108_36234_9915.N1	03-FEB-2009 10:02:37	Twi_and_stray	15.500	170	27Eps Gem	3.0000	9700.0	31	36234	No
159	GOM_NL__2PRFIN20090203_100423_000000162076_00108_36234_9916.N1	03-FEB-2009 10:04:23	Twi_and_stray	16.000	24	66Alp Gem	1.5800	10200.	32	36234	No

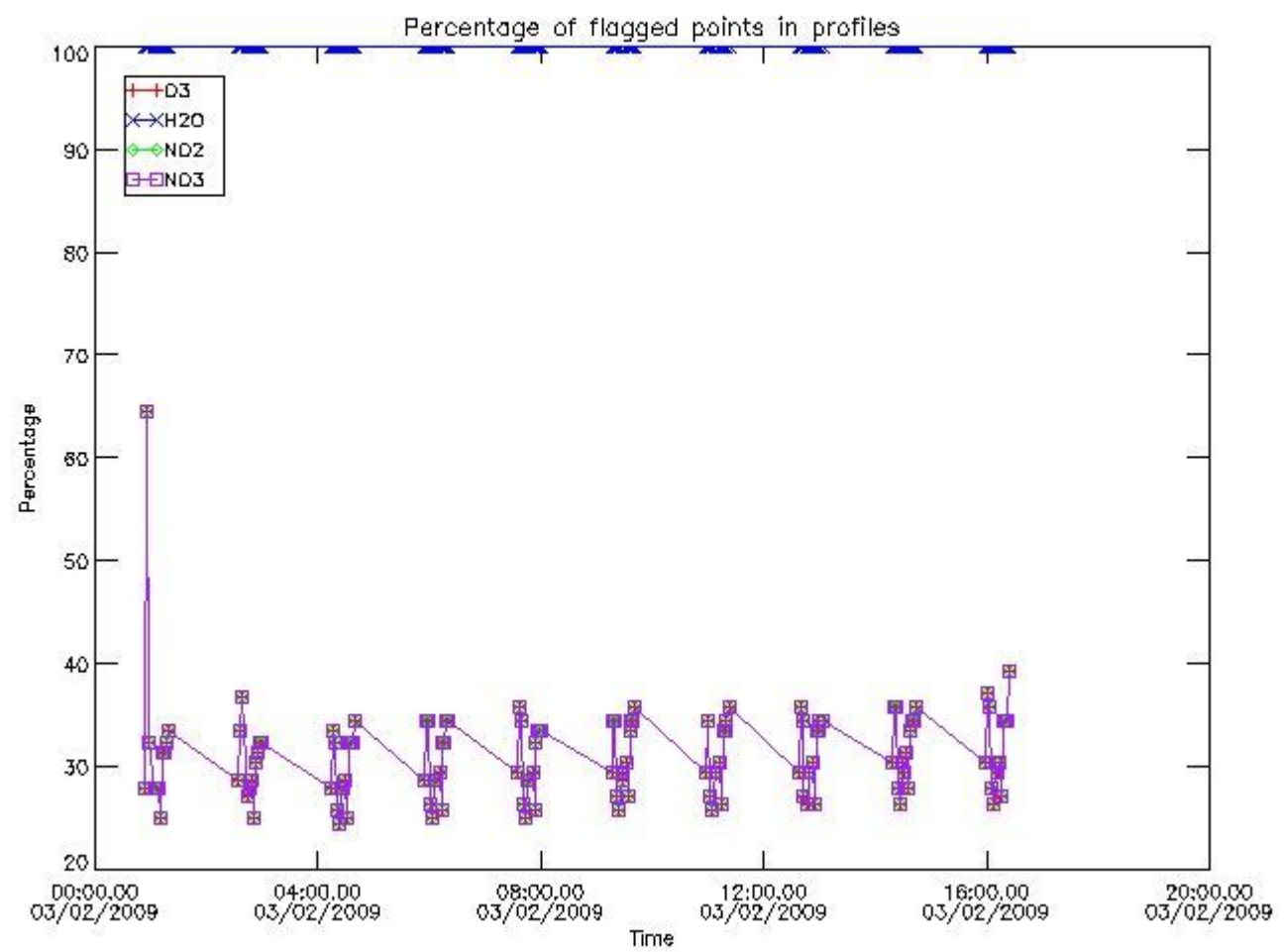
160	GOM_NL__2PRFIN20090203_102039_000000142076_00108_36234_9917.N1	03-FEB-2009 10:20:39	Twilight	14.000	49	1Alp UMi	1.9900	6300.0	28	36234	No
161	GOM_NL__2PRFIN20090203_102335_000000142076_00108_36234_9918.N1	03-FEB-2009 10:23:35	Twilight	14.000	60	7Bet UMi	2.0810	3950.0	28	36234	No
162	GOM_NL__2PRFIN20090203_102820_000000132076_00108_36234_9919.N1	03-FEB-2009 10:28:20	Twilight	13.000	119	14Eta Dra	2.7270	4700.0	26	36234	No
163	GOM_NL__2PRFIN20090203_103137_000000112076_00108_36234_9920.N1	03-FEB-2009 10:31:37	Twilight	11.000	130	23Bet Dra	2.7990	5800.0	22	36234	No
164	GOM_NL__2PRFIN20090203_103521_000000102076_00108_36234_9921.N1	03-FEB-2009 10:35:21	Straylight	10.000	5	3Alp Lyr	0.033000	11000.	20	36234	No
165	GOM_NL__2PRFIN20090203_104339_000000122076_00108_36234_9922.N1	03-FEB-2009 10:43:39	Twilight	11.500	59	55Alp Oph	2.0800	8900.0	23	36234	No
166	GOM_NL__2PRFIN20090203_104549_000000122076_00108_36234_9923.N1	03-FEB-2009 10:45:49	Twilight	11.500	126	60Bet Oph	2.7700	4250.0	23	36234	No
167	GOM_NL__2PRFIN20090203_105225_000000152076_00108_36234_9924.N1	03-FEB-2009 10:52:25	Twilight	14.500	86	35Eta Oph	2.4300	10200.	29	36234	No
168	GOM_NL__2PRFIN20090203_105457_000000142076_00108_36234_9925.N1	03-FEB-2009 10:54:57	Twilight	13.500	167	10Gam2Sgr	2.9840	4500.0	27	36234	No
169	GOM_NL__2PRFIN20090203_105651_000000182076_00108_36234_9926.N1	03-FEB-2009 10:56:51	Dark	17.500	16	21Alp Sco	1.0200	3000.0	35	36234	No
170	GOM_NL__2PRFIN20090203_105848_000000152076_00108_36234_9927.N1	03-FEB-2009 10:58:48	Dark	15.000	40	The Sco	1.8590	7100.0	30	36234	No
171	GOM_NL__2PRFIN20090203_110040_000000152076_00108_36234_9928.N1	03-FEB-2009 11:00:40	Dark	15.000	147	Alp Ara	2.8770	26000.	30	36234	No
172	GOM_NL__2PRFIN20090203_110242_000000192076_00108_36234_9929.N1	03-FEB-2009 11:02:42	Dark	19.000	131	Gam Lup	2.8000	26000.	38	36234	No
173	GOM_NL__2PRFIN20090203_110500_000000202076_00109_36235_9953.N1	03-FEB-2009 11:05:00	Dark	20.000	109	Bet Lup	2.6770	26000.	40	36235	No
174	GOM_NL__2PRFIN20090203_110743_000000182076_00109_36235_9954.N1	03-FEB-2009 11:07:43	Dark	17.500	4	Alp1Cen	-0.010000	5800.0	35	36235	No
175	GOM_NL__2PRFIN20090203_110856_000000182076_00109_36235_9955.N1	03-FEB-2009 11:08:56	Dark	17.500	10	Bet Cen	0.61000	28000.	35	36235	No
176	GOM_NL__2PRFIN20090203_111218_000000172076_00109_36235_9956.N1	03-FEB-2009 11:12:18	Dark	17.000	12	Alp1Cru	0.77500	30000.	34	36235	No
177	GOM_NL__2PRFIN20090203_111428_000000202076_00109_36235_9957.N1	03-FEB-2009 11:14:28	Dark	19.500	99	Del Cen	2.5750	26000.	39	36235	No
178	GOM_NL__2PRFIN20090203_111608_000000162076_00109_36235_9958.N1	03-FEB-2009 11:16:08	Dark	15.500	159	Ups Car	2.9200	7200.0	31	36235	No
179	GOM_NL__2PRFIN20090203_111803_000000162076_00109_36235_9959.N1	03-FEB-2009 11:18:03	Dark	15.500	71	lot Car	2.2460	7700.0	31	36235	No
180	GOM_NL__2PRFIN20090203_111946_000000152076_00109_36235_9960.N1	03-FEB-2009 11:19:46	Dark	15.000	46	Del Vel	1.9540	10600.	30	36235	No
181	GOM_NL__2PRFIN20090203_112216_000000152076_00109_36235_9961.N1	03-FEB-2009 11:22:16	Dark	14.500	34	Gam2Vel	1.7930	23000.	29	36235	No
182	GOM_NL__2PRFIN20090203_112420_000000152076_00109_36235_9962.N1	03-FEB-2009 11:24:20	Straylight	15.000	70	Zet Pup	2.2460	39000.	30	36235	No
183	GOM_NL__2PRFIN20090203_112841_000000152076_00109_36235_9963.N1	03-FEB-2009 11:28:41	Straylight	14.500	132	15Rho Pup	2.8030	6900.0	29	36235	No
184	GOM_NL__2PRFIN20090203_113720_000000162076_00109_36235_9964.N1	03-FEB-2009 11:37:20	Twilight	15.500	8	10Alp CMi	0.40000	6500.0	31	36235	No
185	GOM_NL__2PRFIN20090203_114313_000000162076_00109_36235_9965.N1	03-FEB-2009 11:43:13	Twilight	16.000	170	27Eps Gem	3.0000	9700.0	32	36235	No
186	GOM_NL__2PRFIN20090203_114459_000000162076_00109_36235_9966.N1	03-FEB-2009 11:44:59	Twilight	16.000	24	66Alp Gem	1.5800	10200.	32	36235	No
187	GOM_NL__2PRFIN20090203_120114_000000142076_00109_36235_9967.N1	03-FEB-2009 12:01:14	Twilight	14.000	49	1Alp UMi	1.9900	6300.0	28	36235	No
188	GOM_NL__2PRFIN20090203_120411_000000142076_00109_36235_9968.N1	03-FEB-2009 12:04:11	Twilight	13.500	60	7Bet UMi	2.0810	3950.0	27	36235	No
189	GOM_NL__2PRFIN20090203_120856_000000132076_00109_36235_9969.N1	03-FEB-2009 12:08:56	Twilight	13.000	119	14Eta Dra	2.7270	4700.0	26	36235	No
190	GOM_NL__2PRFIN20090203_121213_000000112076_00109_36235_9970.N1	03-FEB-2009 12:12:13	Twilight	11.000	130	23Bet Dra	2.7990	5800.0	22	36235	No
191	GOM_NL__2PRFIN20090203_121556_000000102076_00109_36235_9971.N1	03-FEB-2009 12:15:56	Straylight	10.000	5	3Alp Lyr	0.033000	11000.	20	36235	No
192	GOM_NL__2PRFIN20090203_122416_000000122076_00109_36235_9972.N1	03-FEB-2009 12:24:16	Twilight	11.500	59	55Alp Oph	2.0800	8900.0	23	36235	No
193	GOM_NL__2PRFIN20090203_122625_000000122076_00109_36235_9973.N1	03-FEB-2009 12:26:25	Twilight	11.500	126	60Bet Oph	2.7700	4250.0	23	36235	No
194	GOM_NL__2PRFIN20090203_123301_000000152076_00109_36235_9974.N1	03-FEB-2009 12:33:01	Twilight	14.500	86	35Eta Oph	2.4300	10200.	29	36235	No
195	GOM_NL__2PRFIN20090203_123533_000000142076_00109_36235_9975.N1	03-FEB-2009 12:35:33	Twilight	13.500	167	10Gam2Sgr	2.9840	4500.0	27	36235	No
196	GOM_NL__2PRFIN20090203_123728_000000182076_00109_36235_9976.N1	03-FEB-2009 12:37:28	Dark	17.500	16	21Alp Sco	1.0200	3000.0	35	36235	No
197	GOM_NL__2PRFIN20090203_123924_000000152076_00109_36235_9977.N1	03-FEB-2009 12:39:24	Dark	14.500	40	The Sco	1.8590	7100.0	29	36235	No
198	GOM_NL__2PRFIN20090203_124117_000000152076_00109_36235_9978.N1	03-FEB-2009 12:41:17	Dark	15.000	147	Alp Ara	2.8770	26000.	30	36235	No
199	GOM_NL__2PRFIN20090203_124319_000000192076_00109_36235_9979.N1	03-FEB-2009 12:43:19	Dark	19.000	131	Gam Lup	2.8000	26000.	38	36235	No
200	GOM_NL__2PRFIN20090203_124537_000000202076_00110_36236_9931.N1	03-FEB-2009 12:45:37	Dark	19.500	109	Bet Lup	2.6770	26000.	39	36236	No
201	GOM_NL__2PRFIN20090203_124819_000000182076_00110_36236_9932.N1	03-FEB-2009 12:48:19	Dark	17.500	4	Alp1Cen	-0.010000	5800.0	35	36236	No
202	GOM_NL__2PRFIN20090203_124933_000000182076_00110_36236_9933.N1	03-FEB-2009 12:49:33	Dark	17.500	10	Bet Cen	0.61000	28000.	35	36236	No
203	GOM_NL__2PRFIN20090203_125254_000000172076_00110_36236_9934.N1	03-FEB-2009 12:52:54	Dark	17.000	12	Alp1Cru	0.77500	30000.	34	36236	No
204	GOM_NL__2PRFIN20090203_125505_000000202076_00110_36236_9935.N1	03-FEB-2009 12:55:05	Dark	19.500	99	Del Cen	2.5750	26000.	39	36236	No
205	GOM_NL__2PRFIN20090203_125644_000000162076_00110_36236_9936.N1	03-FEB-2009 12:56:44	Dark	15.500	159	Ups Car	2.9200	7200.0	31	36236	No
206	GOM_NL__2PRFIN20090203_125839_000000162076_00110_36236_9937.N1	03-FEB-2009 12:58:39	Dark	15.500	71	lot Car	2.2460	7700.0	31	36236	No
207	GOM_NL__2PRFIN20090203_130022_000000152076_00110_36236_9938.N1	03-FEB-2009 13:00:22	Dark	15.000	46	Del Vel	1.9540	10600.	30	36236	No
208	GOM_NL__2PRFIN20090203_130252_000000152076_00110_36236_9939.N1	03-FEB-2009 13:02:52	Dark	15.000	34	Gam2Vel	1.7930	23000.	30	36236	No
209	GOM_NL__2PRFIN20090203_130457_000000152076_00110_36236_9940.N1	03-FEB-2009 13:04:57	Straylight	14.500	70	Zet Pup	2.2460	39000.	29	36236	No
210	GOM_NL__2PRFIN20090203_130917_000000152076_00110_36236_9941.N1	03-FEB-2009 13:09:17	Straylight	15.000	132	15Rho Pup	2.8030	6900.0	30	36236	No
211	GOM_NL__2PRFIN20090203_131756_000000162076_00110_36236_9942.N1	03-FEB-2009 13:17:56	Twilight	15.500	8	10Alp CMi	0.40000	6500.0	31	36236	No
212	GOM_NL__2PRFIN20090203_132349_000000162076_00110_36236_9943.N1	03-FEB-2009 13:23:49	Twilight	15.500	170	27Eps Gem	3.0000	9700.0	31	36236	No
213	GOM_NL__2PRFIN20090203_132535_000000162076_00110_36236_9944.N1	03-FEB-2009 13:25:35	Twilight	16.000	24	66Alp Gem	1.5800	10200.	32	36236	No
214	GOM_NL__2PRFIN20090203_134446_000000142076_00110_36236_9945.N1	03-FEB-2009 13:44:46	Twilight	13.500	60	7Bet UMi	2.0810	3950.0	27	36236	No
215	GOM_NL__2PRFIN20090203_134932_000000132076_00110_36236_9946.N1	03-FEB-2009 13:49:32	Twilight	12.500	119	14Eta Dra	2.7270	4700.0	25	36236	No
216	GOM_NL__2PRFIN20090203_135248_000000112076_00110_36236_9947.N1	03-FEB-2009 13:52:48	Twilight	11.000	130	23Bet Dra	2.7990	5800.0	22	36236	No
217	GOM_NL__2PRFIN20090203_135633_000000102076_00110_36236_9948.N1	03-FEB-2009 13:56:33	Straylight	9.5000	5	3Alp Lyr	0.033000	11000.	19	36236	No
218	GOM_NL__2PRFIN20090203_140453_000000112076_00110_36236_9949.N1	03-FEB-2009 14:04:53	Twilight	10.500	59	55Alp Oph	2.0800	8900.0	21	36236	No

219	GOM_NL__2PRFIN20090203_140701_000000122076_00110_36236_9950.N1	03-FEB-2009 14:07:01	Twilight	12.000	126	60Bet Oph	2.7700	4250.0	24	36236	No
220	GOM_NL__2PRFIN20090203_141337_000000152076_00110_36236_9951.N1	03-FEB-2009 14:13:37	Twilight	14.500	86	35Eta Oph	2.4300	10200.	29	36236	No
221	GOM_NL__2PRFIN20090203_141610_000000142076_00110_36236_9952.N1	03-FEB-2009 14:16:10	Twilight	13.500	167	10Gam2Sgr	2.9840	4500.0	27	36236	No
222	GOM_NL__2PRFIN20090203_141805_000000172076_00110_36236_9953.N1	03-FEB-2009 14:18:05	Dark	17.000	16	21Alp Sco	1.0200	3000.0	34	36236	No
223	GOM_NL__2PRFIN20090203_142001_000000152076_00110_36236_9954.N1	03-FEB-2009 14:20:01	Dark	14.500	40	The Sco	1.8590	7100.0	29	36236	No
224	GOM_NL__2PRFIN20090203_142153_000000152076_00110_36236_9955.N1	03-FEB-2009 14:21:53	Dark	14.500	147	Alp Ara	2.8770	26000.	29	36236	No
225	GOM_NL__2PRFIN20090203_142356_000000192076_00110_36236_9956.N1	03-FEB-2009 14:23:56	Dark	18.500	131	Gam Lup	2.8000	26000.	37	36236	No
226	GOM_NL__2PRFIN20090203_142614_000000202076_00111_36237_9953.N1	03-FEB-2009 14:26:14	Dark	19.500	109	Bet Lup	2.6770	26000.	39	36237	No
227	GOM_NL__2PRFIN20090203_142856_000000172076_00111_36237_9954.N1	03-FEB-2009 14:28:56	Dark	17.000	4	Alp1Cen	-0.010000	5800.0	34	36237	No
228	GOM_NL__2PRFIN20090203_143010_000000182076_00111_36237_9955.N1	03-FEB-2009 14:30:10	Dark	17.500	10	Bet Cen	0.61000	28000.	35	36237	No
229	GOM_NL__2PRFIN20090203_143331_000000172076_00111_36237_9956.N1	03-FEB-2009 14:33:31	Dark	16.500	12	Alp1Cru	0.77500	30000.	33	36237	No
230	GOM_NL__2PRFIN20090203_143542_000000192076_00111_36237_9957.N1	03-FEB-2009 14:35:42	Dark	18.500	99	Del Cen	2.5750	26000.	37	36237	No
231	GOM_NL__2PRFIN20090203_143720_000000162076_00111_36237_9958.N1	03-FEB-2009 14:37:20	Dark	15.500	159	Ups Car	2.9200	7200.0	31	36237	No
232	GOM_NL__2PRFIN20090203_143915_000000152076_00111_36237_9959.N1	03-FEB-2009 14:39:15	Dark	15.000	71	lot Car	2.2460	7700.0	30	36237	No
233	GOM_NL__2PRFIN20090203_144058_000000152076_00111_36237_9960.N1	03-FEB-2009 14:40:58	Dark	15.000	46	Del Vel	1.9540	10600.	30	36237	No
234	GOM_NL__2PRFIN20090203_144328_000000152076_00111_36237_9961.N1	03-FEB-2009 14:43:28	Dark	14.500	34	Gam2Vel	1.7930	23000.	29	36237	No
235	GOM_NL__2PRFIN20090203_144533_000000142076_00111_36237_9962.N1	03-FEB-2009 14:45:33	Straylight	13.500	70	Zet Pup	2.2460	39000.	27	36237	No
236	GOM_NL__2PRFIN20090203_144953_000000152076_00111_36237_9963.N1	03-FEB-2009 14:49:53	Straylight	14.500	132	15Rho Pup	2.8030	6900.0	29	36237	No
237	GOM_NL__2PRFIN20090203_145832_000000162076_00111_36237_9964.N1	03-FEB-2009 14:58:32	Twilight	15.500	8	10Alp CMi	0.40000	6500.0	31	36237	No
238	GOM_NL__2PRFIN20090203_150425_000000152076_00111_36237_9965.N1	03-FEB-2009 15:04:25	Twilight	15.000	170	27Eps Gem	3.0000	9700.0	30	36237	No
239	GOM_NL__2PRFIN20090203_150611_000000162076_00111_36237_9966.N1	03-FEB-2009 15:06:11	Twilight	15.500	24	66Alp Gem	1.5800	10200.	31	36237	No
240	GOM_NL__2PRFIN20090203_152226_000000142076_00111_36237_9967.N1	03-FEB-2009 15:22:26	Twilight	13.500	49	1Alp UMi	1.9900	6300.0	27	36237	No
241	GOM_NL__2PRFIN20090203_152522_000000142076_00111_36237_9968.N1	03-FEB-2009 15:25:22	Twilight	13.500	60	7Bet UMi	2.0810	3950.0	27	36237	No
242	GOM_NL__2PRFIN20090203_153008_000000122076_00111_36237_9969.N1	03-FEB-2009 15:30:08	Twilight	12.000	119	14Eta Dra	2.7270	4700.0	24	36237	No
243	GOM_NL__2PRFIN20090203_153325_000000102076_00111_36237_9970.N1	03-FEB-2009 15:33:25	Twilight	10.000	130	23Bet Dra	2.7990	5800.0	20	36237	No
244	GOM_NL__2PRFIN20090203_153709_000000102076_00111_36237_9971.N1	03-FEB-2009 15:37:09	Straylight	9.5000	5	3Alp Lyr	0.033000	11000.	19	36237	No
245	GOM_NL__2PRFIN20090203_154529_000000112076_00111_36237_9972.N1	03-FEB-2009 15:45:29	Twilight	10.500	59	55Alp Oph	2.0800	8900.0	21	36237	No
246	GOM_NL__2PRFIN20090203_154738_000000112076_00111_36237_9973.N1	03-FEB-2009 15:47:38	Twilight	11.000	126	60Bet Oph	2.7700	4250.0	22	36237	No
247	GOM_NL__2PRFIN20090203_155414_000000142076_00111_36237_9974.N1	03-FEB-2009 15:54:14	Twilight	14.000	86	35Eta Oph	2.4300	10200.	28	36237	No
248	GOM_NL__2PRFIN20090203_155646_000000142076_00111_36237_9975.N1	03-FEB-2009 15:56:46	Twilight	13.500	167	10Gam2Sgr	2.9840	4500.0	27	36237	No
249	GOM_NL__2PRFIN20090203_155841_000000172076_00111_36237_9976.N1	03-FEB-2009 15:58:41	Dark	17.000	16	21Alp Sco	1.0200	3000.0	34	36237	No
250	GOM_NL__2PRFIN20090203_160037_000000142076_00111_36237_9977.N1	03-FEB-2009 16:00:37	Dark	14.000	40	The Sco	1.8590	7100.0	28	36237	No
251	GOM_NL__2PRFIN20090203_160229_000000152076_00111_36237_9978.N1	03-FEB-2009 16:02:29	Dark	14.500	147	Alp Ara	2.8770	26000.	29	36237	No
252	GOM_NL__2PRFIN20090203_160433_000000192076_00111_36237_9979.N1	03-FEB-2009 16:04:33	Dark	18.500	131	Gam Lup	2.8000	26000.	37	36237	No
253	GOM_NL__2PRFIN20090203_160651_000000202076_00112_36238_9964.N1	03-FEB-2009 16:06:51	Dark	19.500	109	Bet Lup	2.6770	26000.	39	36238	No
254	GOM_NL__2PRFIN20090203_160932_000000172076_00112_36238_9965.N1	03-FEB-2009 16:09:32	Dark	17.000	4	Alp1Cen	-0.010000	5800.0	34	36238	No
255	GOM_NL__2PRFIN20090203_161046_000000182076_00112_36238_9966.N1	03-FEB-2009 16:10:46	Dark	17.500	10	Bet Cen	0.61000	28000.	35	36238	No
256	GOM_NL__2PRFIN20090203_161407_000000172076_00112_36238_9967.N1	03-FEB-2009 16:14:07	Dark	17.000	12	Alp1Cru	0.77500	30000.	34	36238	No
257	GOM_NL__2PRFIN20090203_161618_000000192076_00112_36238_9968.N1	03-FEB-2009 16:16:18	Dark	19.000	99	Del Cen	2.5750	26000.	38	36238	No
258	GOM_NL__2PRFIN20090203_161757_000000152076_00112_36238_9969.N1	03-FEB-2009 16:17:57	Dark	15.000	159	Ups Car	2.9200	7200.0	30	36238	No
259	GOM_NL__2PRFIN20090203_161951_000000152076_00112_36238_9970.N1	03-FEB-2009 16:19:51	Dark	15.000	71	lot Car	2.2460	7700.0	30	36238	No
260	GOM_NL__2PRFIN20090203_162135_000000152076_00112_36238_9971.N1	03-FEB-2009 16:21:35	Dark	15.000	46	Del Vel	1.9540	10600.	30	36238	No
261	GOM_NL__2PRFIN20090203_162405_000000142076_00112_36238_9972.N1	03-FEB-2009 16:24:05	Dark	14.000	34	Gam2Vel	1.7930	23000.	28	36238	No
262	GOM_NL__2PRFIN20090203_162609_000000142076_00112_36238_9973.N1	03-FEB-2009 16:26:09	Straylight	14.000	70	Zet Pup	2.2460	39000.	28	36238	No

### 3. Quality information per product

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

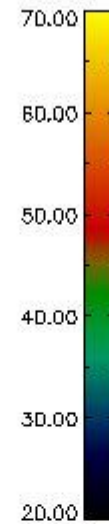
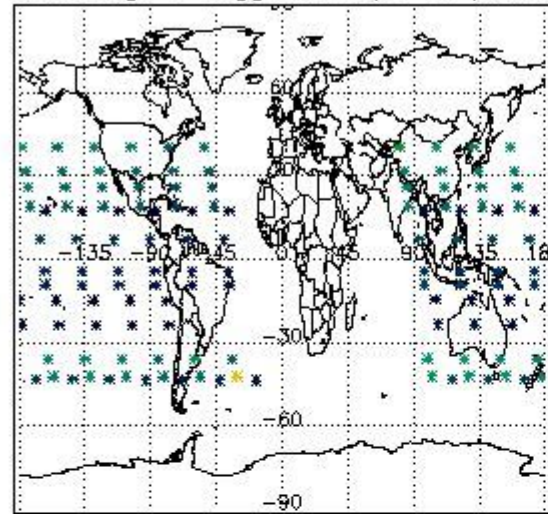
#### 3.1 Plot quality information per product (time dependant)



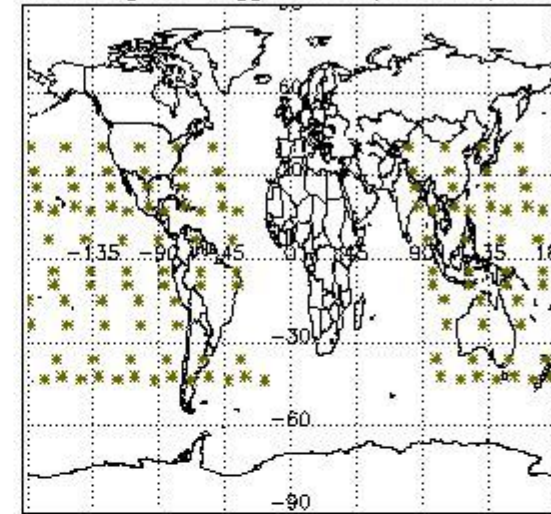
3.2 Plot quality information per product (world map)



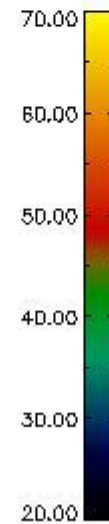
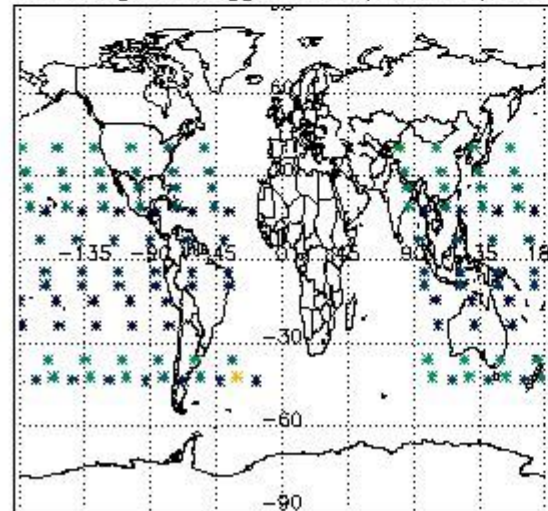
Percentage of flagged data per O3 profile



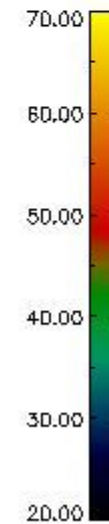
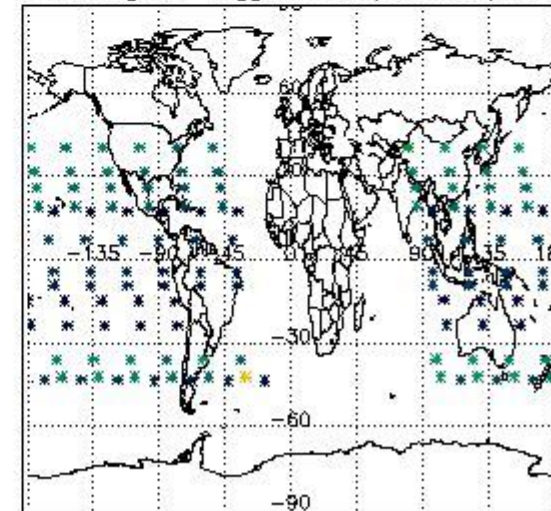
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

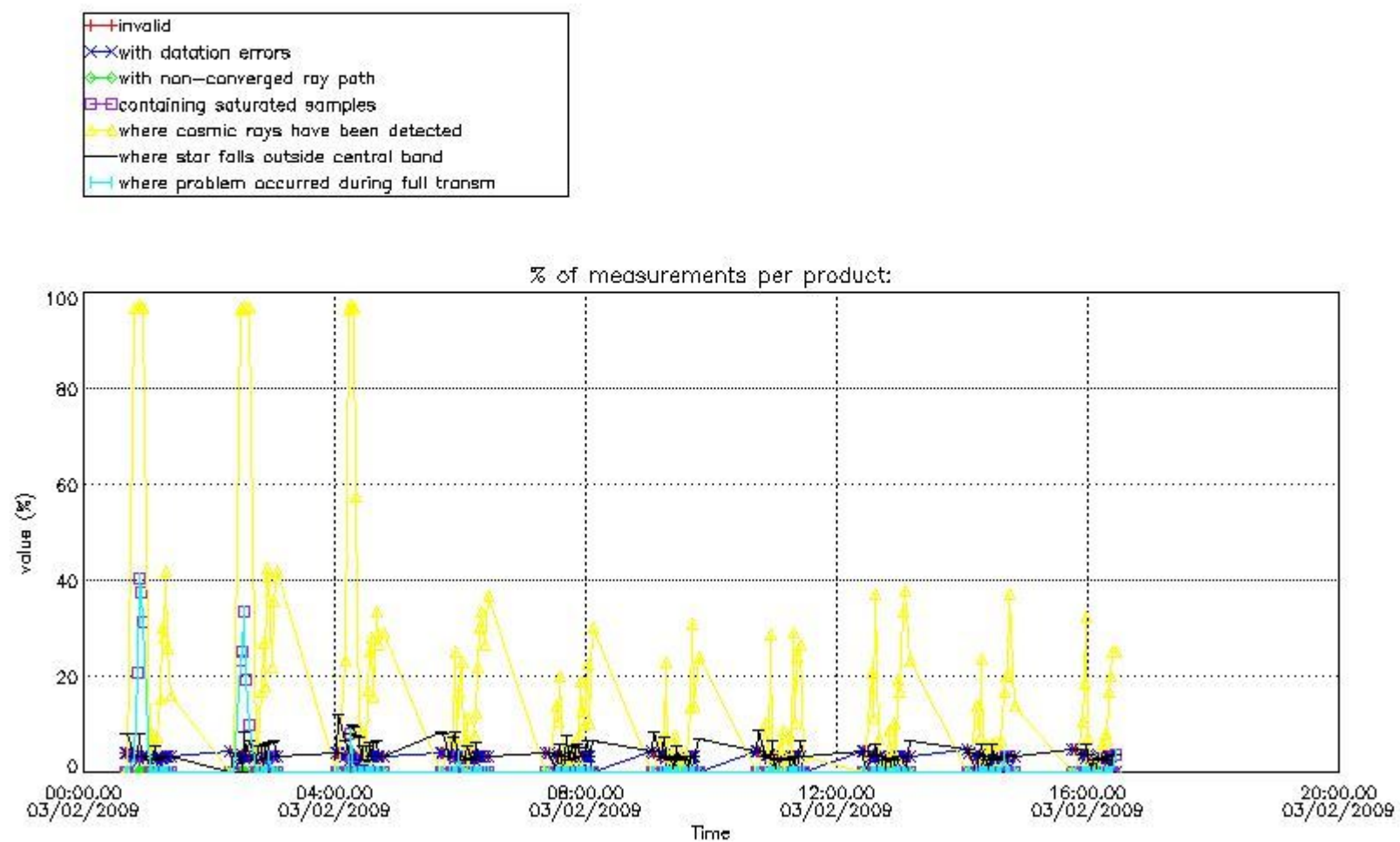


#### 4. Level 1 quality information per product

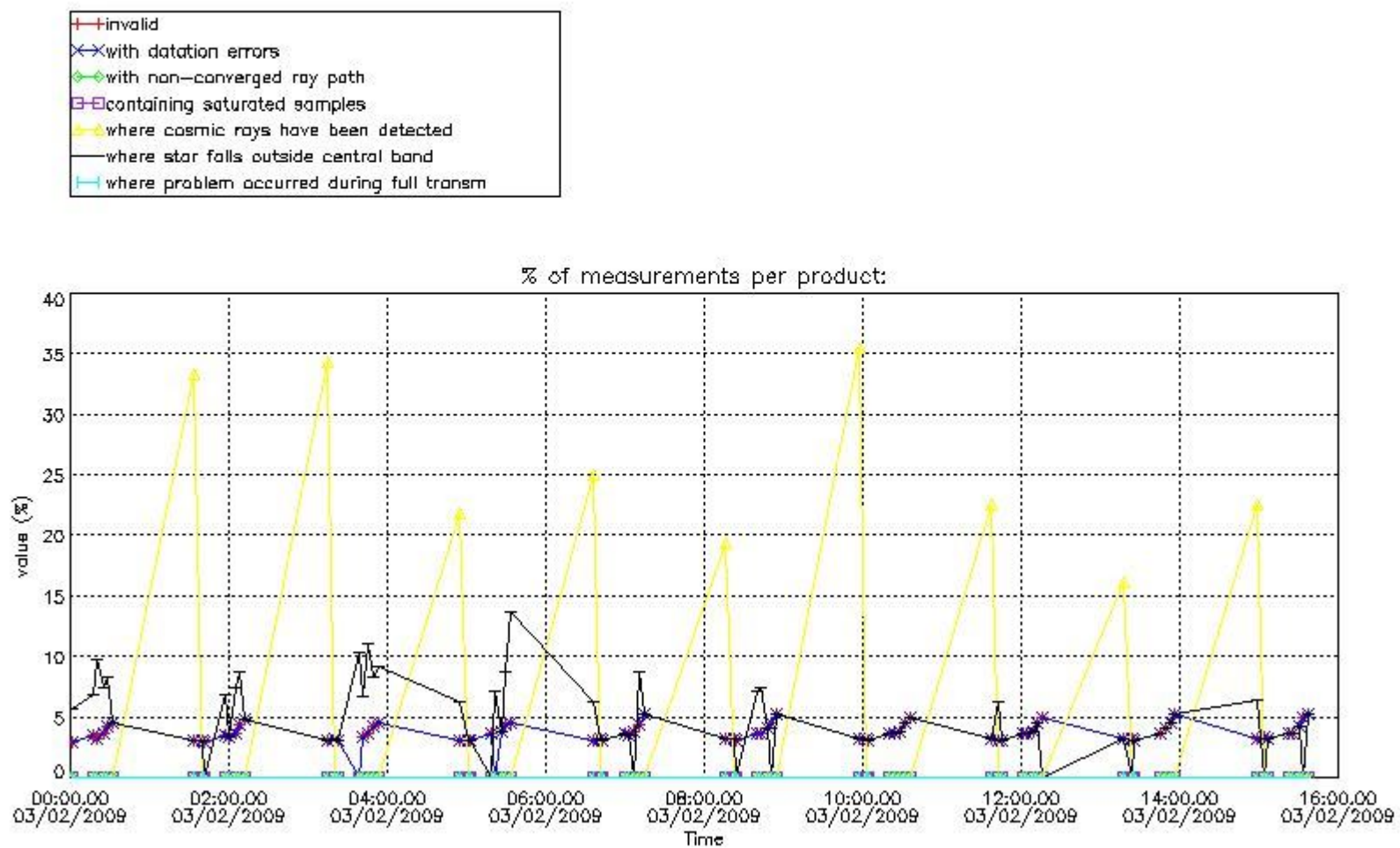
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



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

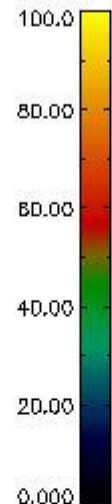
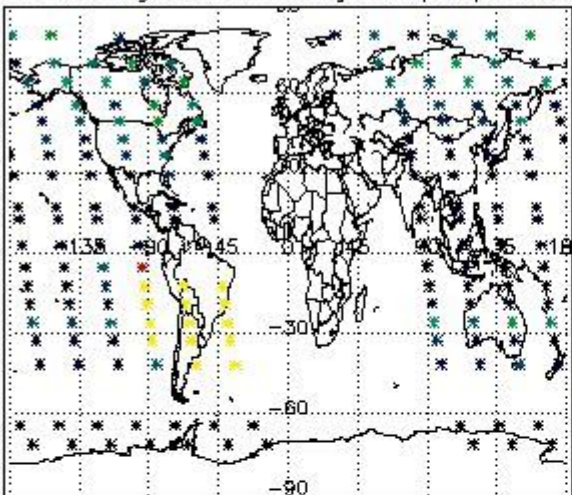


4.2 Plot quality information per product coming from level 1b processing (world map)

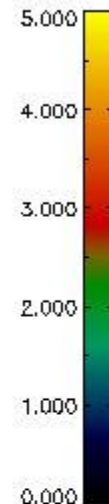
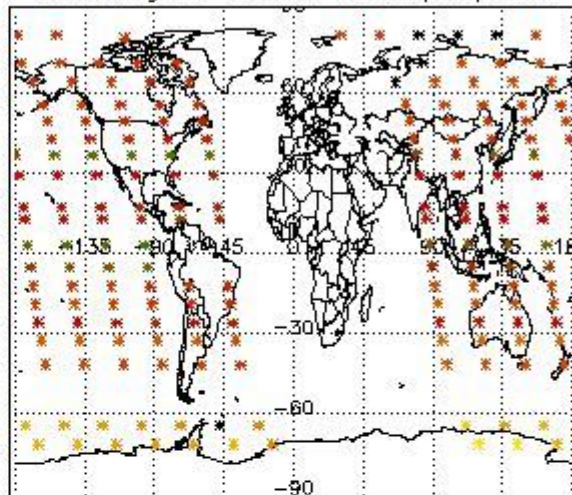
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes



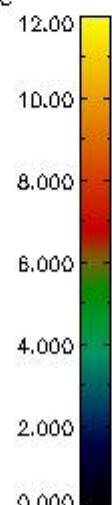
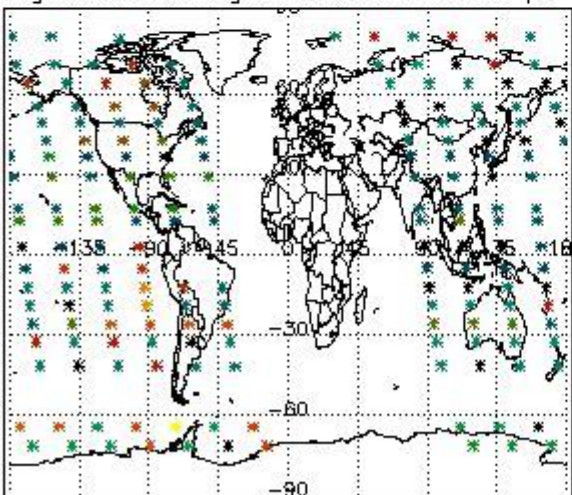
Percentage of cosmic ray hits per profile



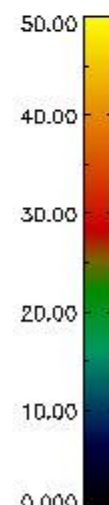
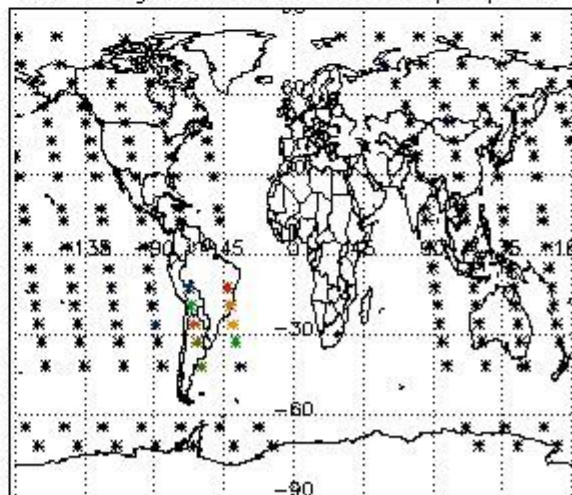
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

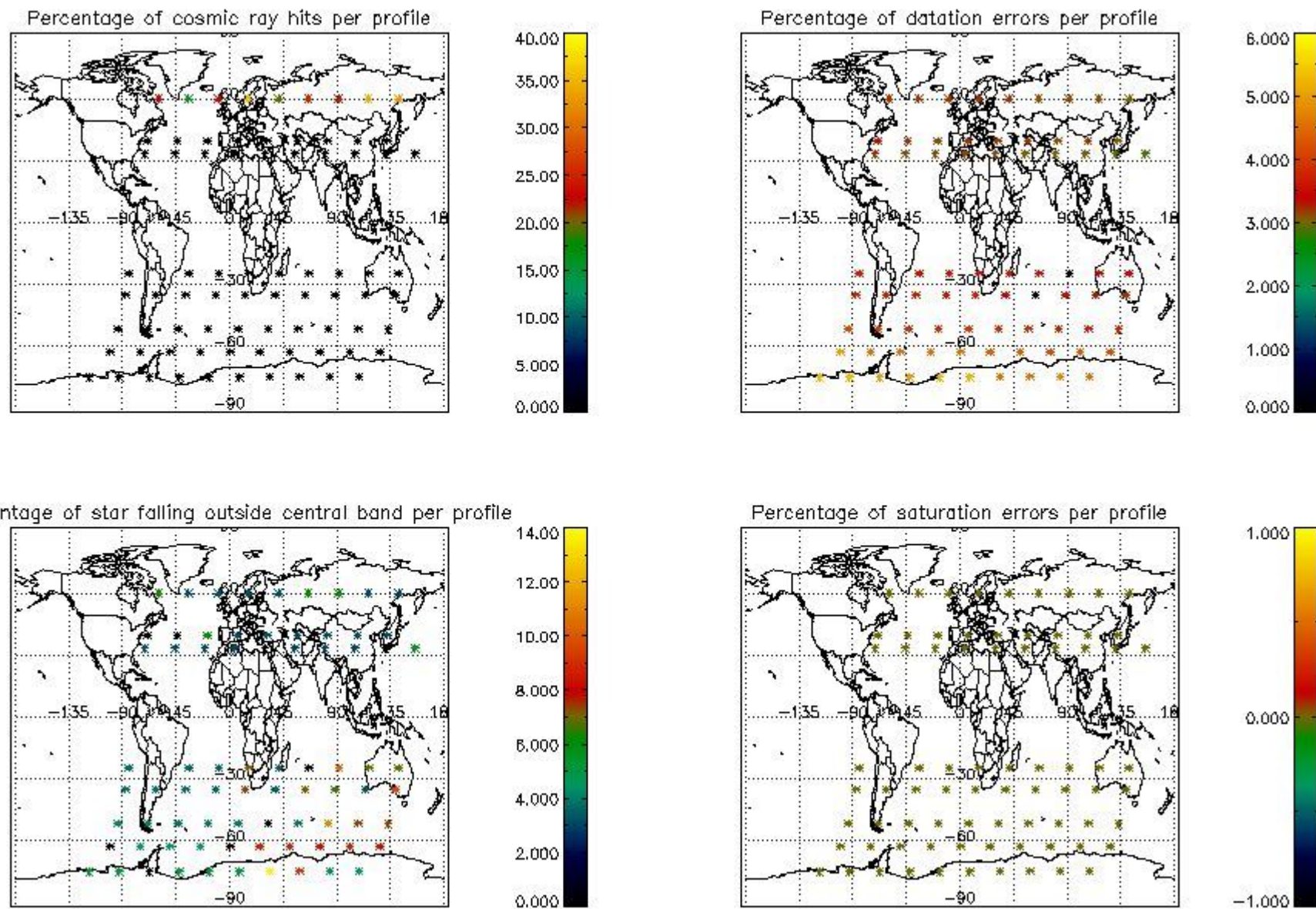


Percentage of saturation errors per profile



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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

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

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

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

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

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

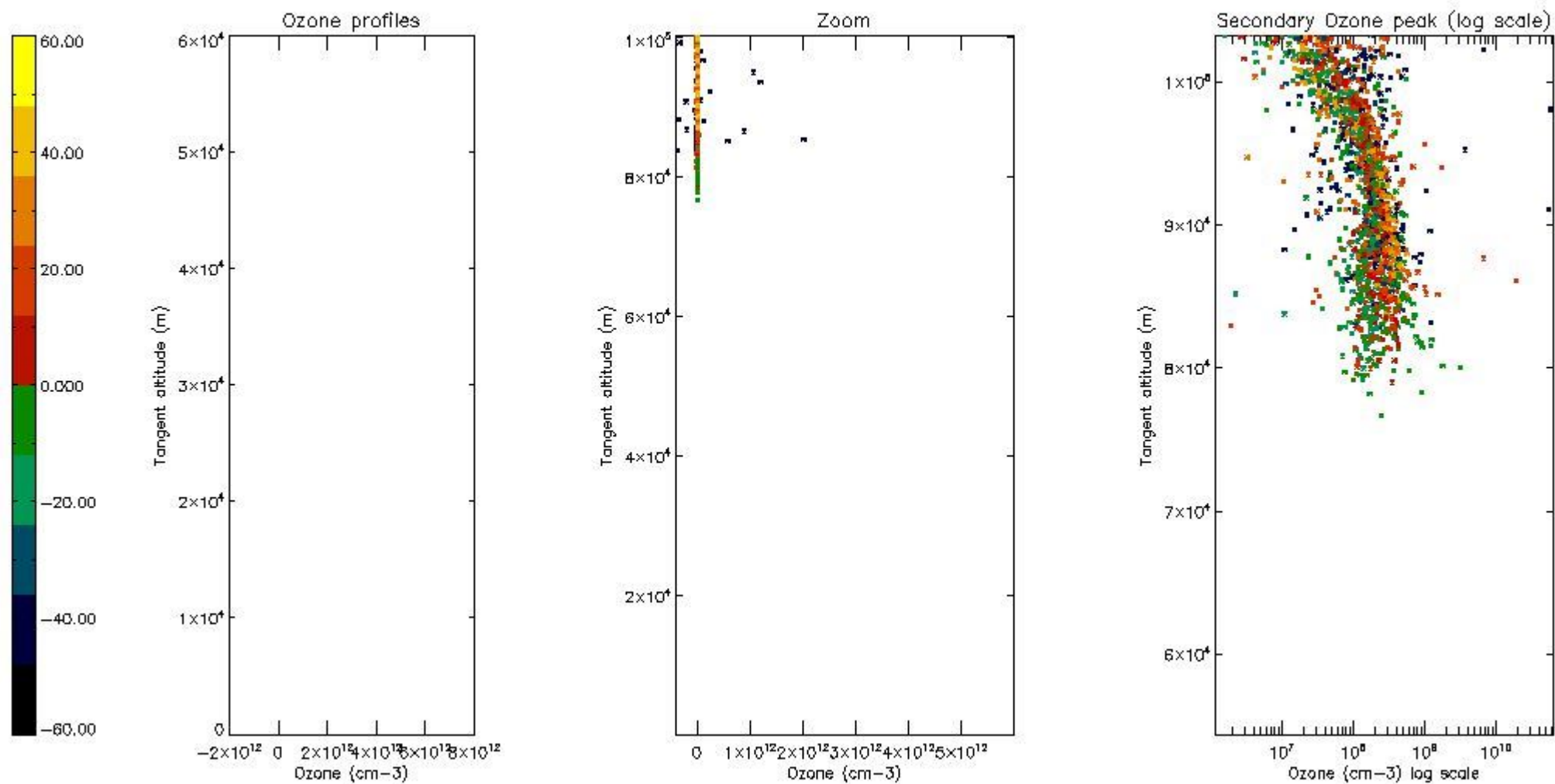
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	56
STD < 20	9

STD < 10	5
STD < 5	2

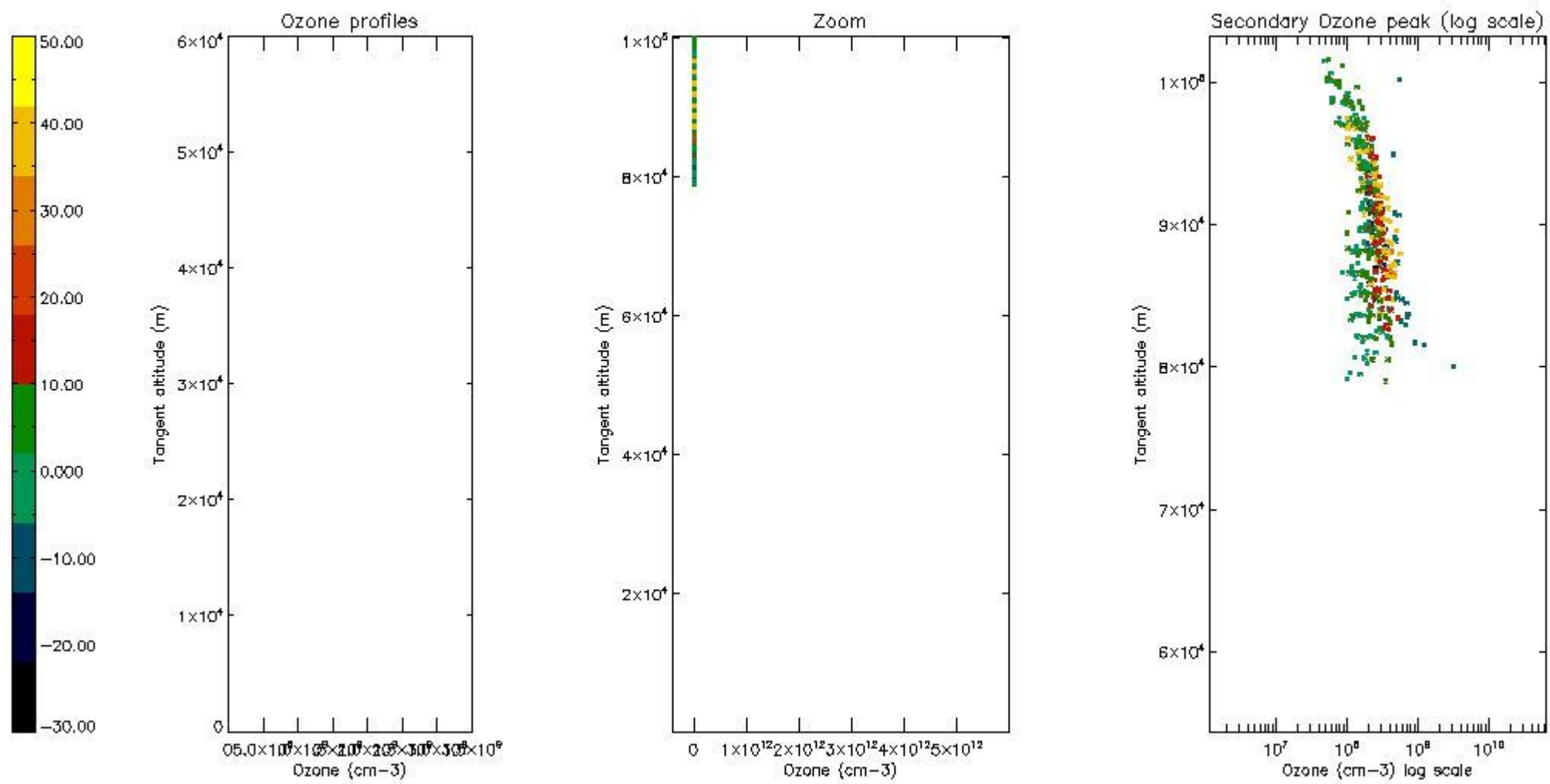
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



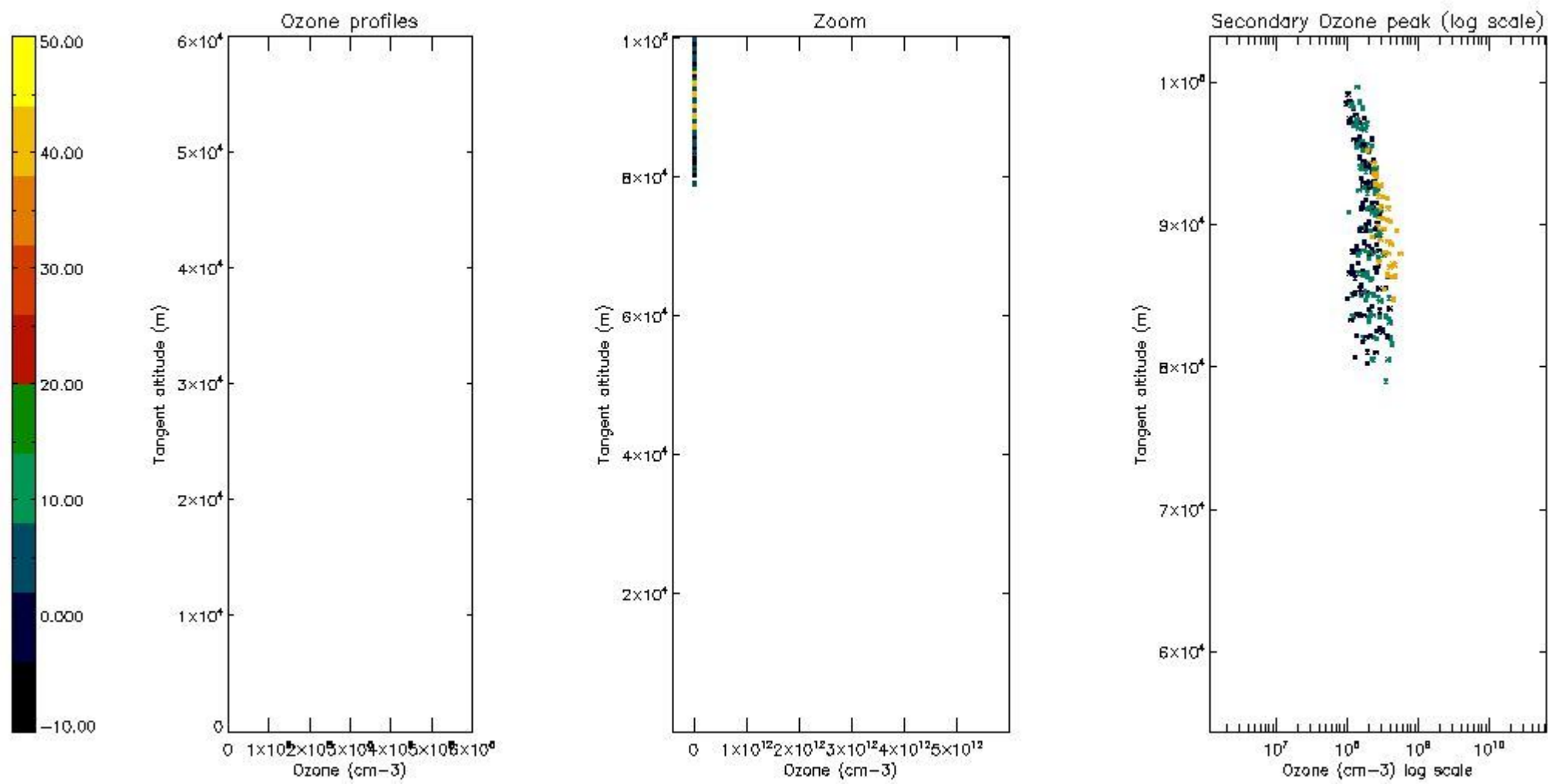
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



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

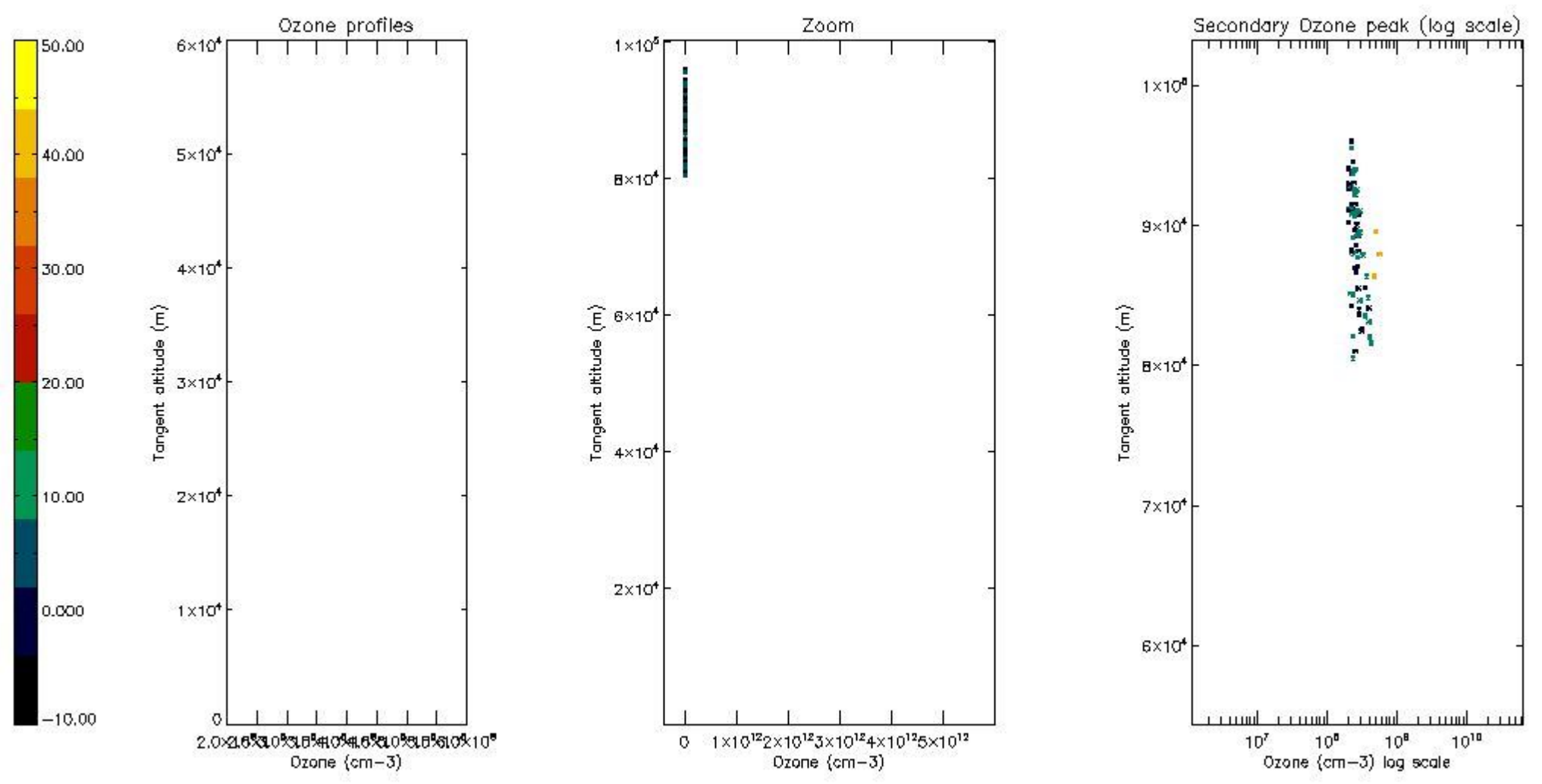
The colorbar represents the latitude.



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

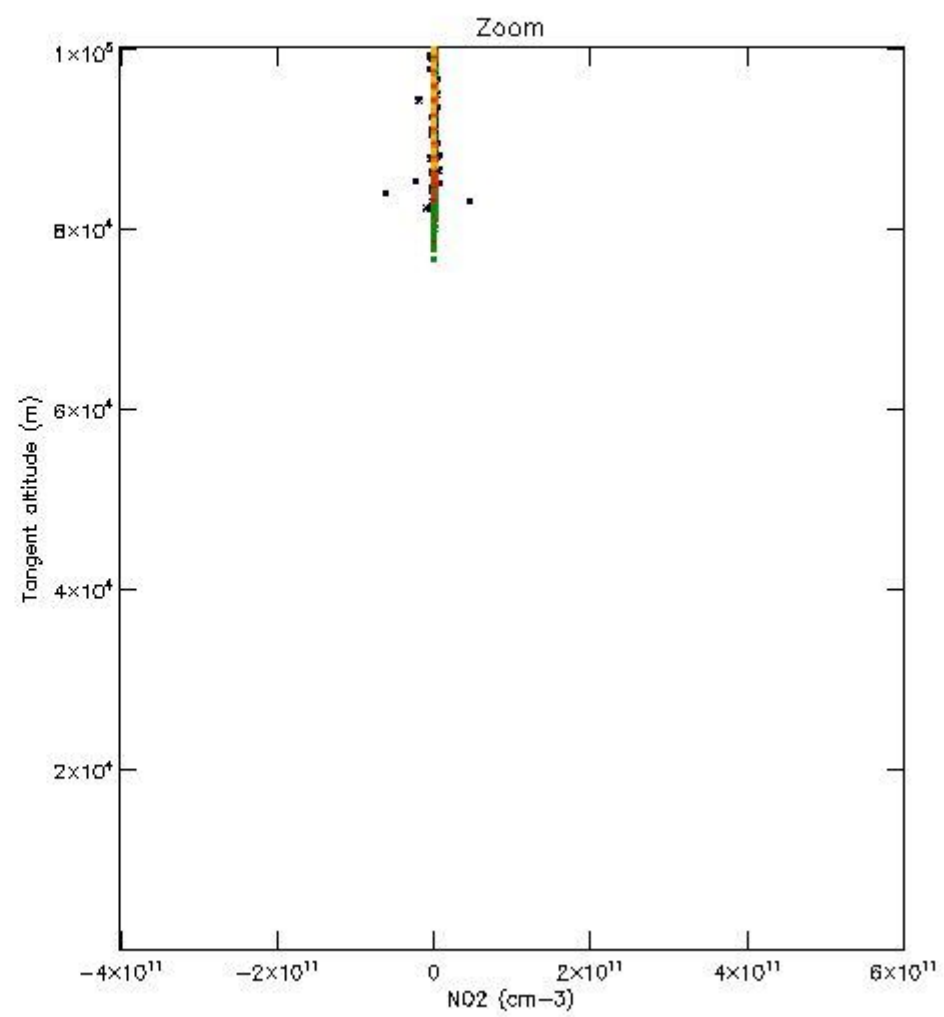
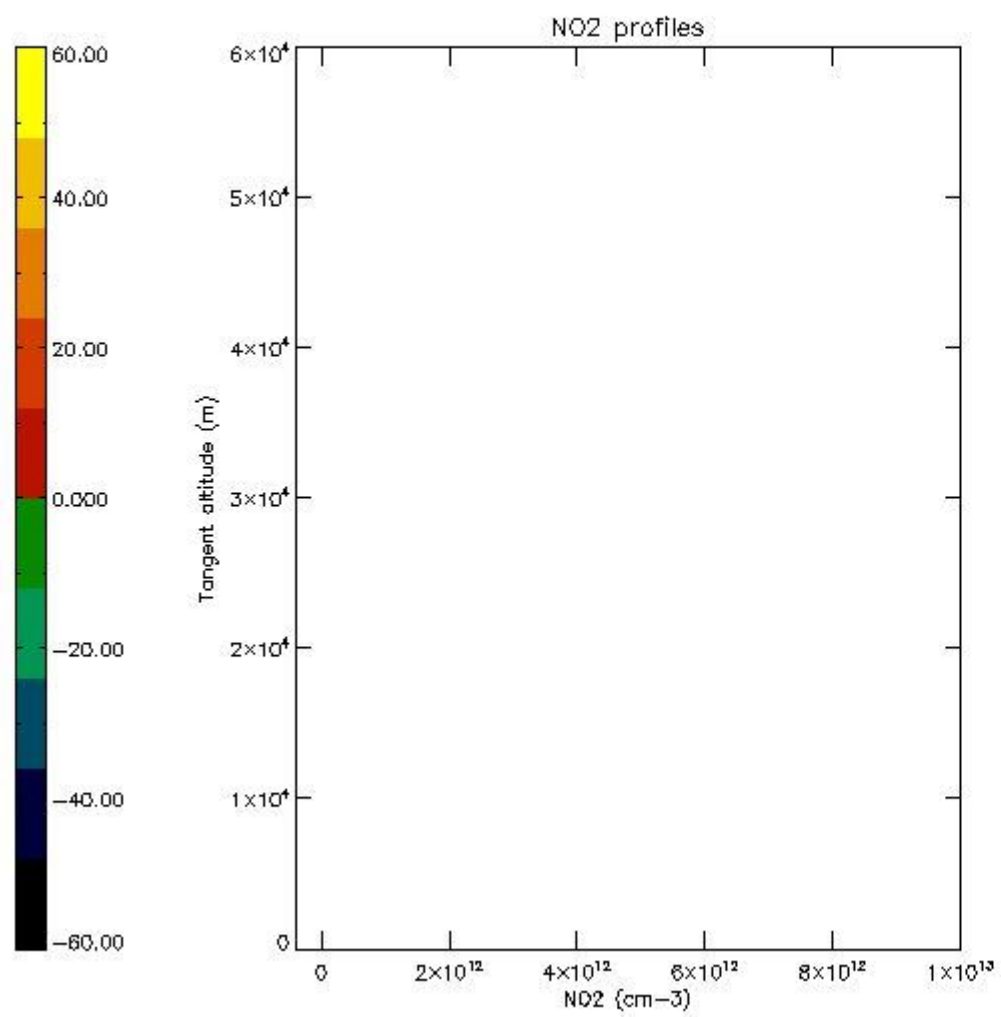
The colorbar represents the latitude.





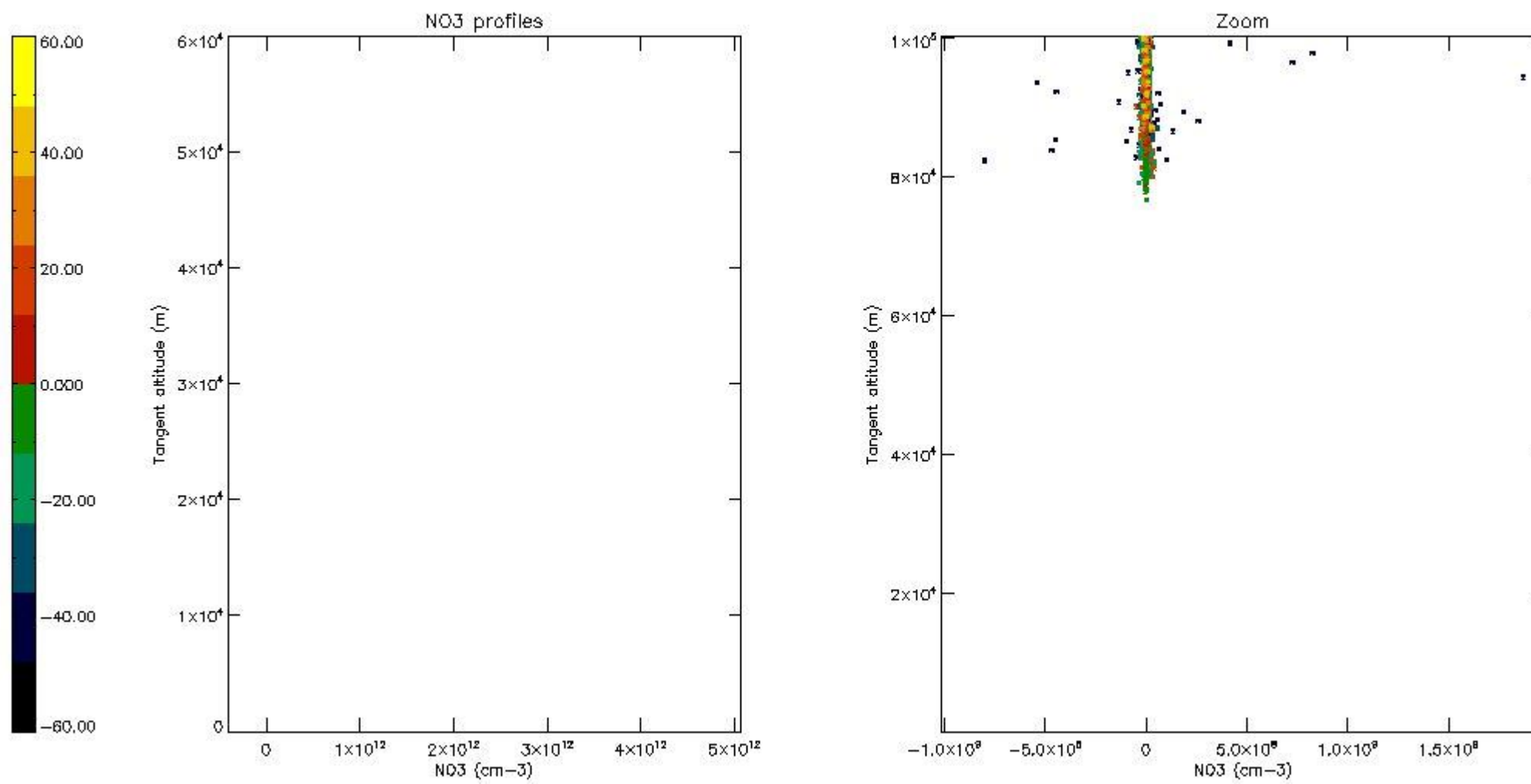
*5.6 Plot NO2 profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

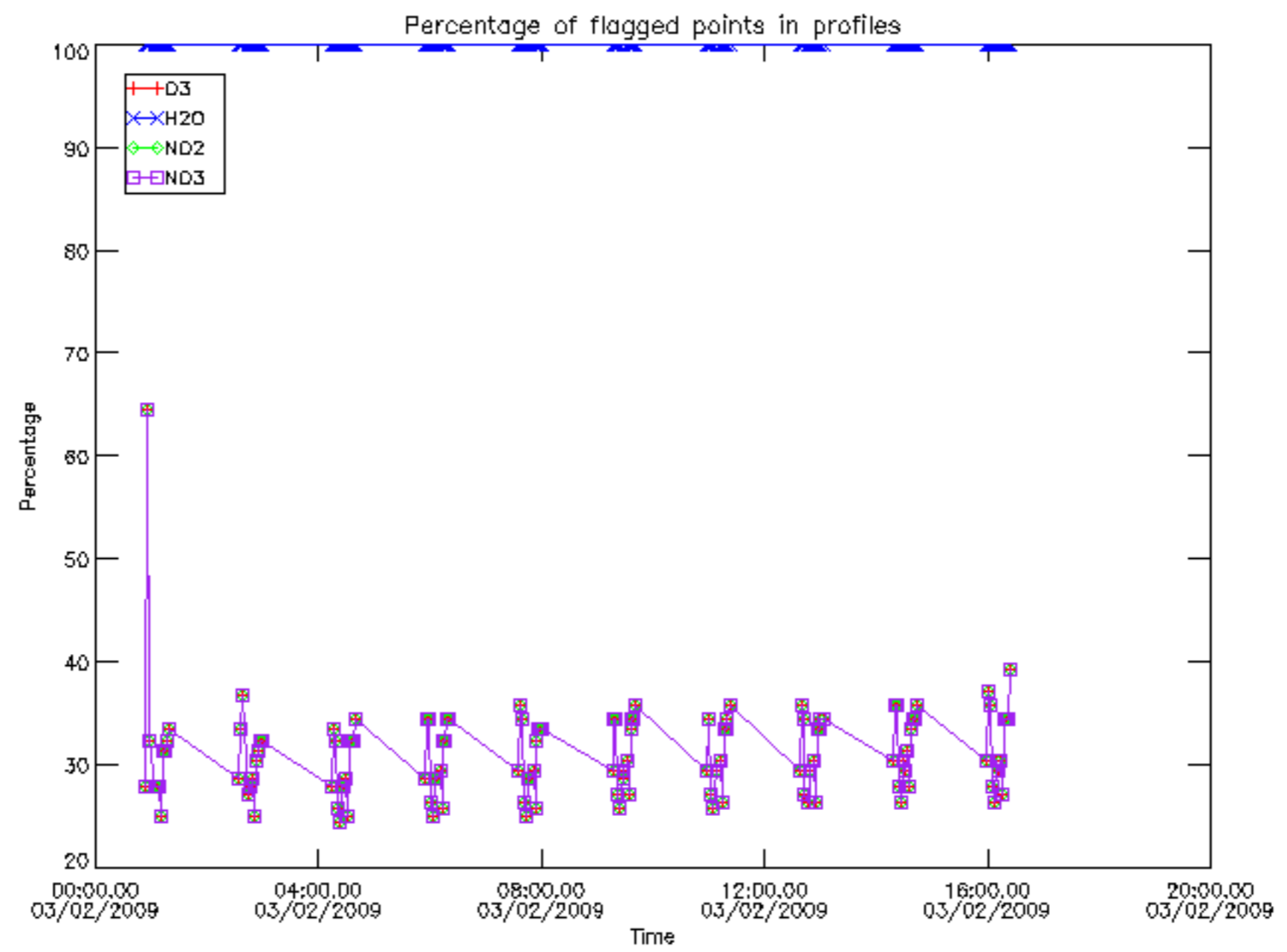
The colorbar represents the latitude.



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

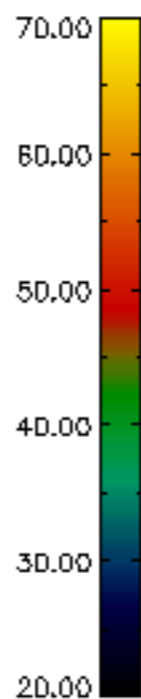
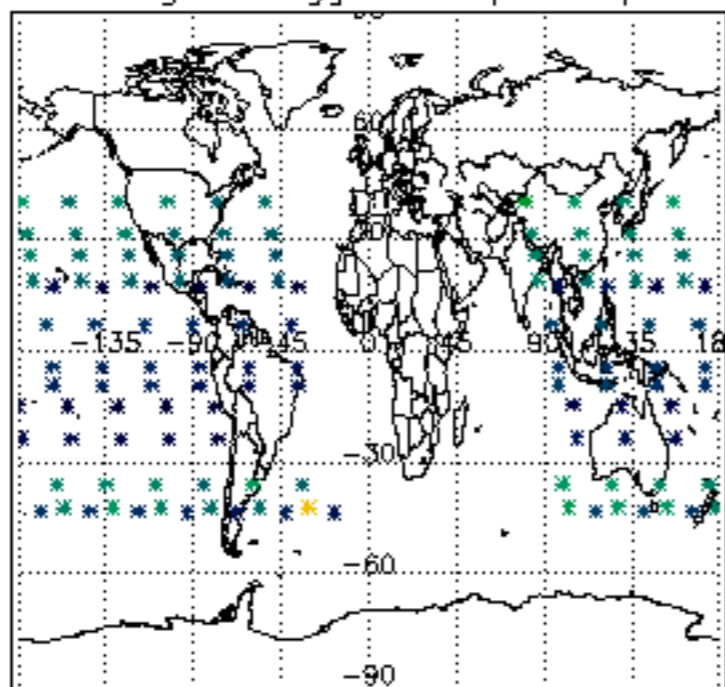
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	03-FEB-2009 00:00:48
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	03-FEB-2009 00:00:48
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	03-FEB-2009 00:00:48

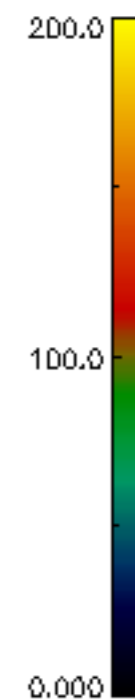
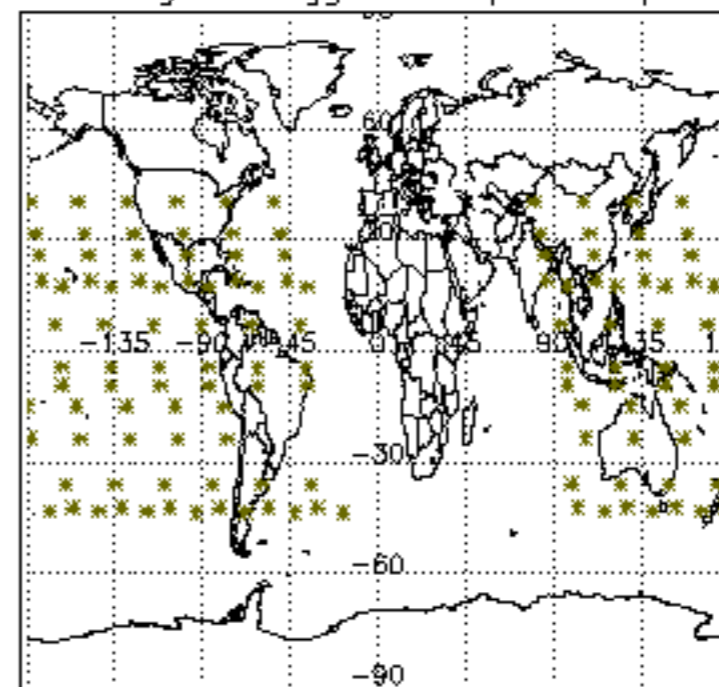




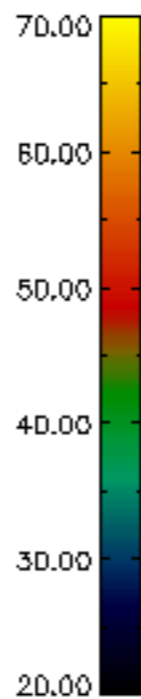
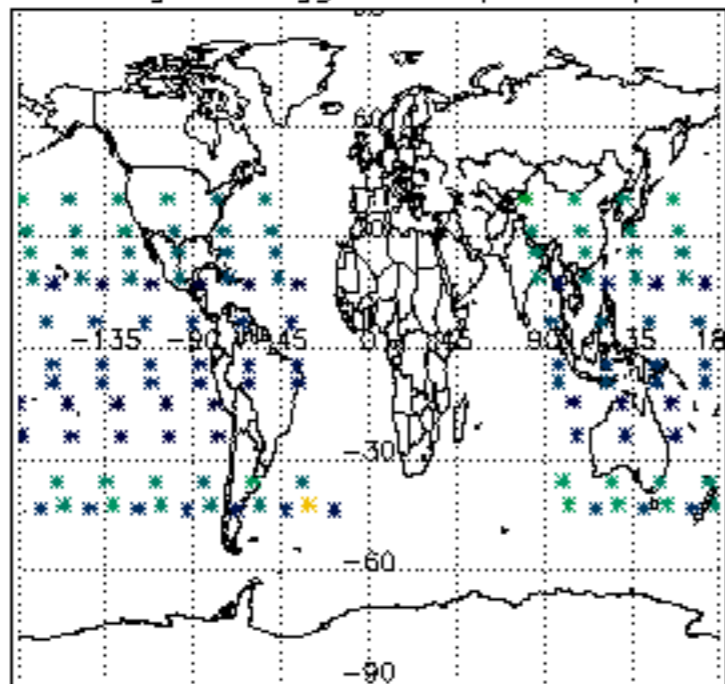
Percentage of flagged data per D3 profile



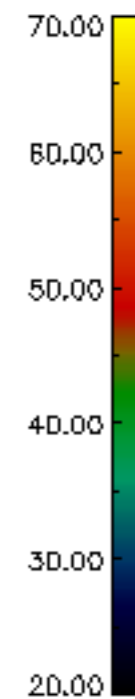
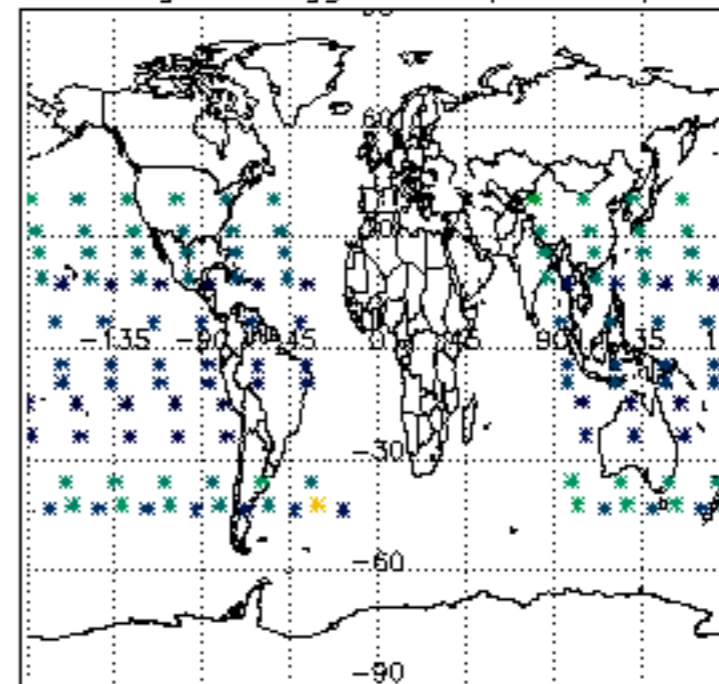
Percentage of flagged data per H2O profile

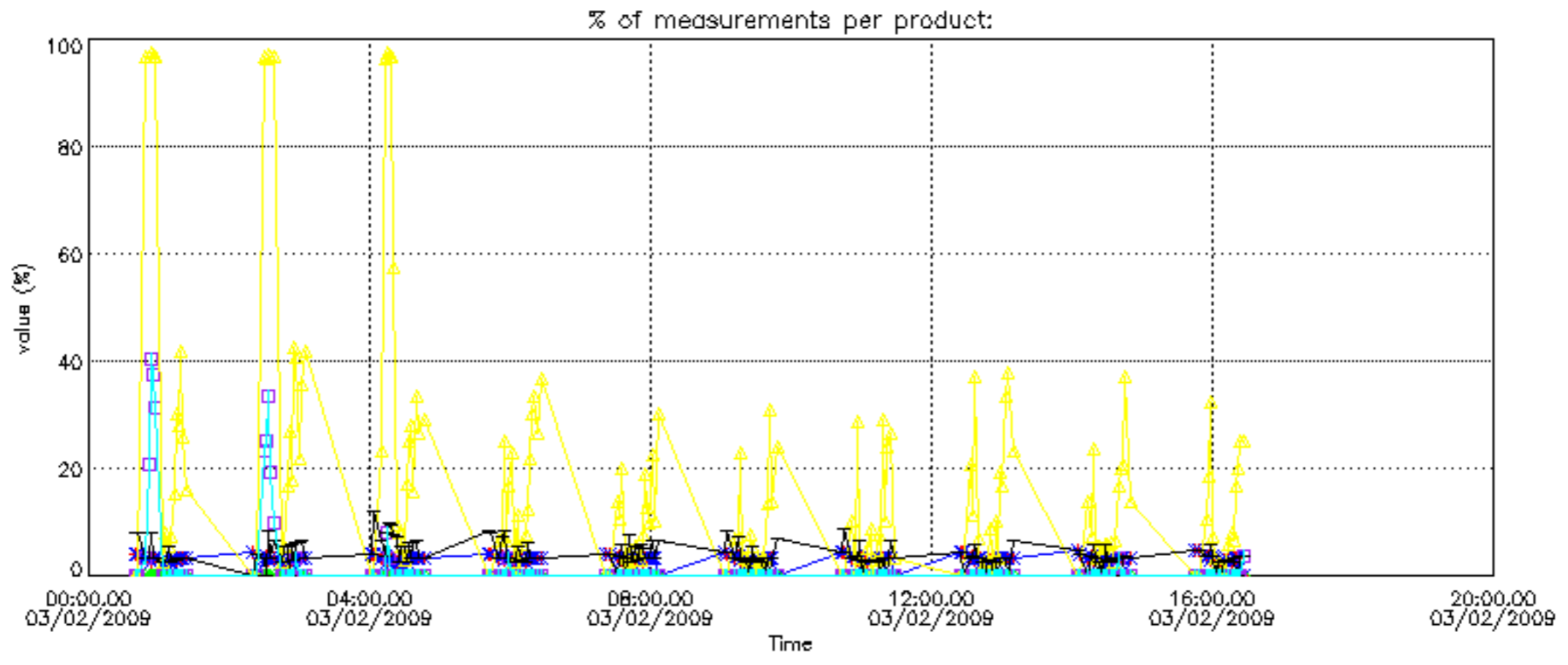


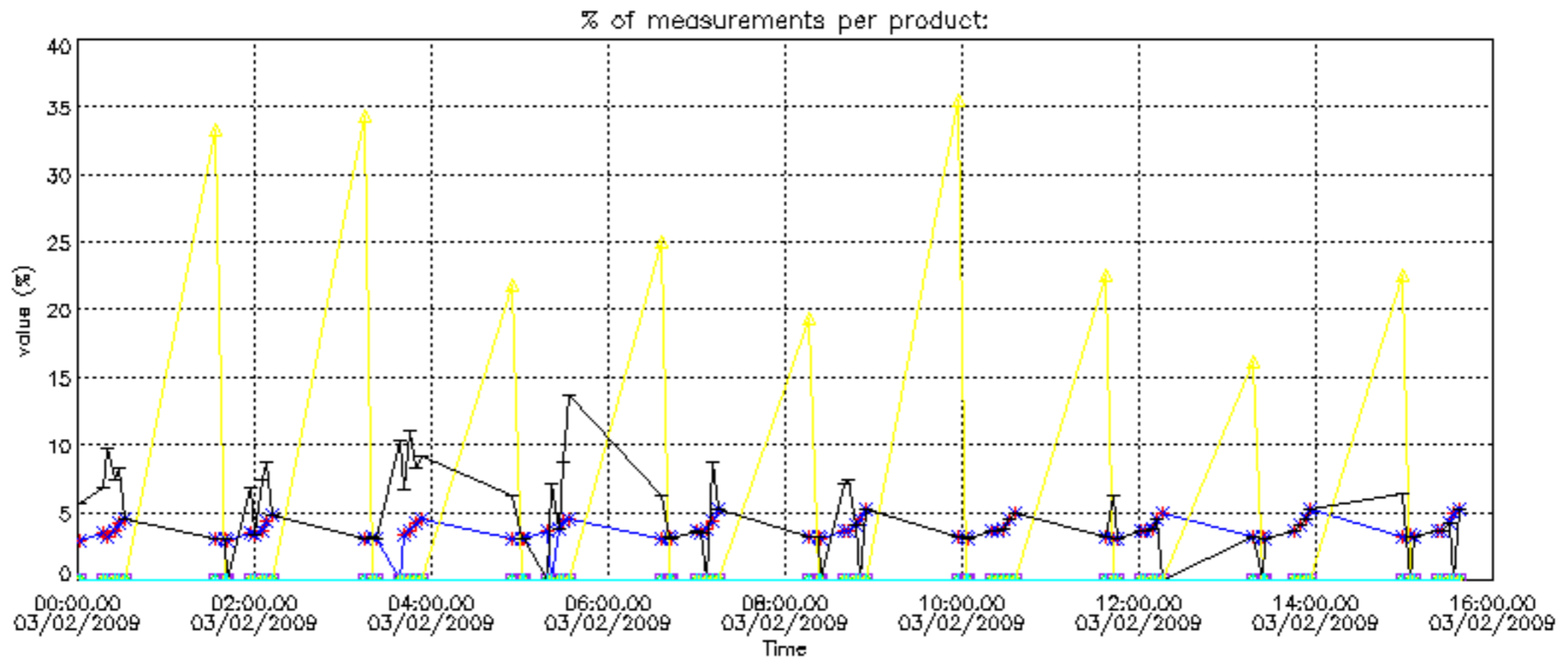
Percentage of flagged data per NO2 profile



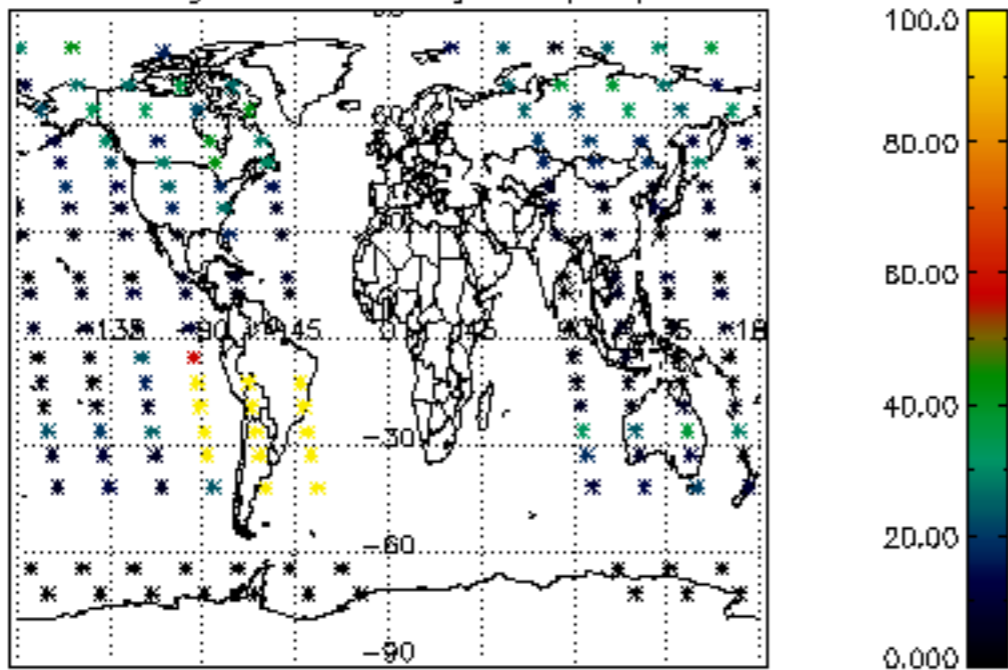
Percentage of flagged data per NO3 profile



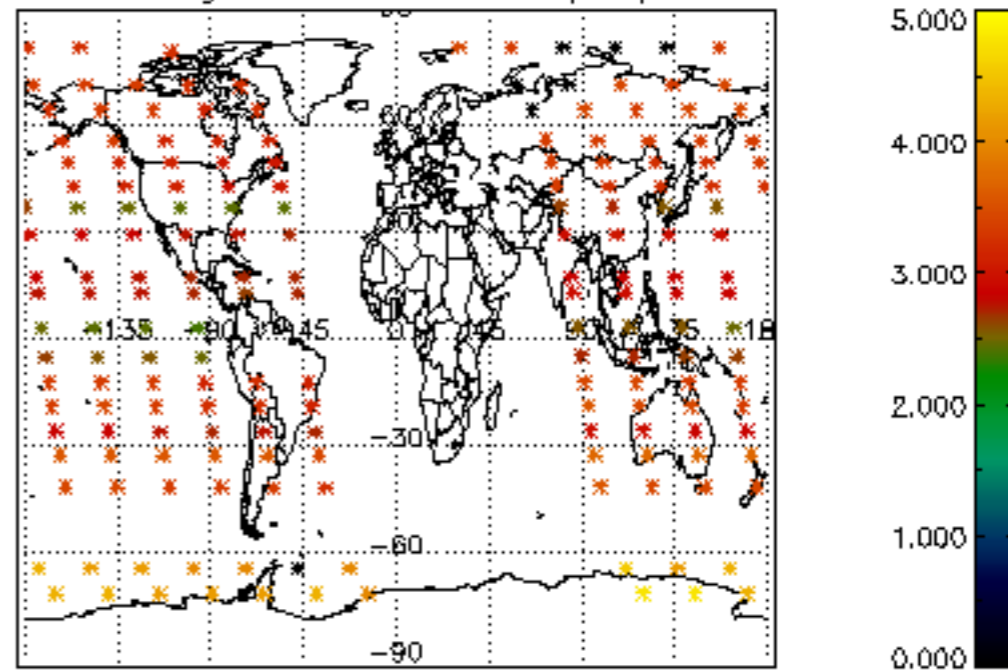




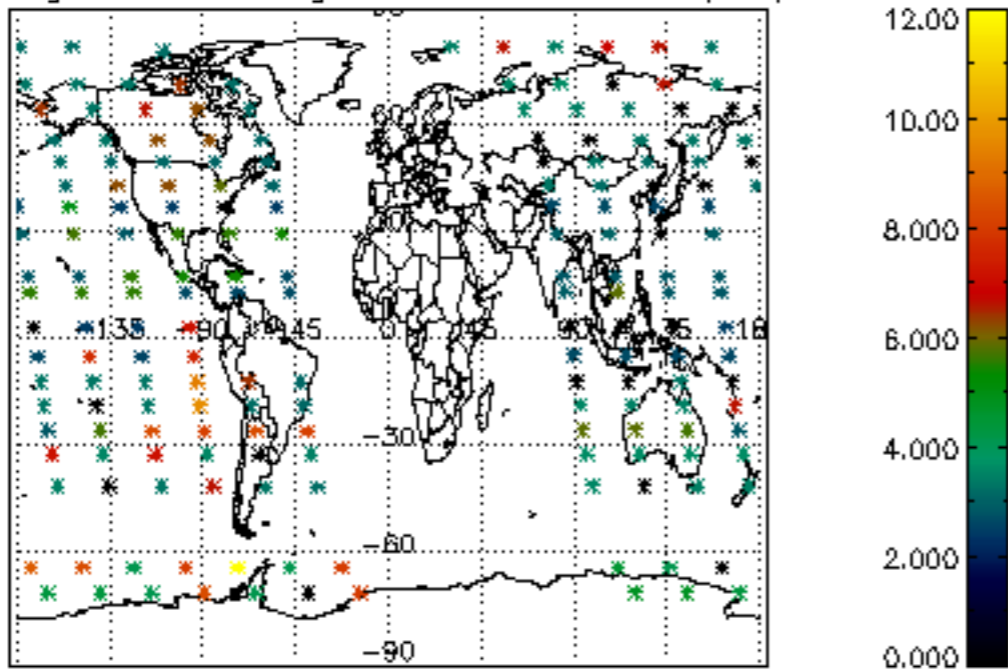
Percentage of cosmic ray hits per profile



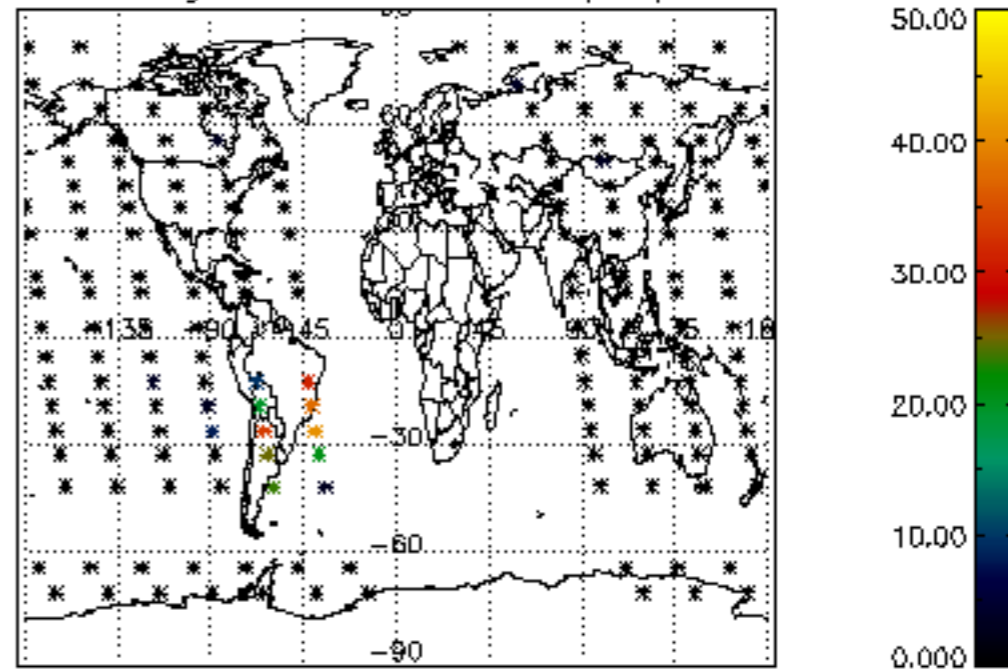
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

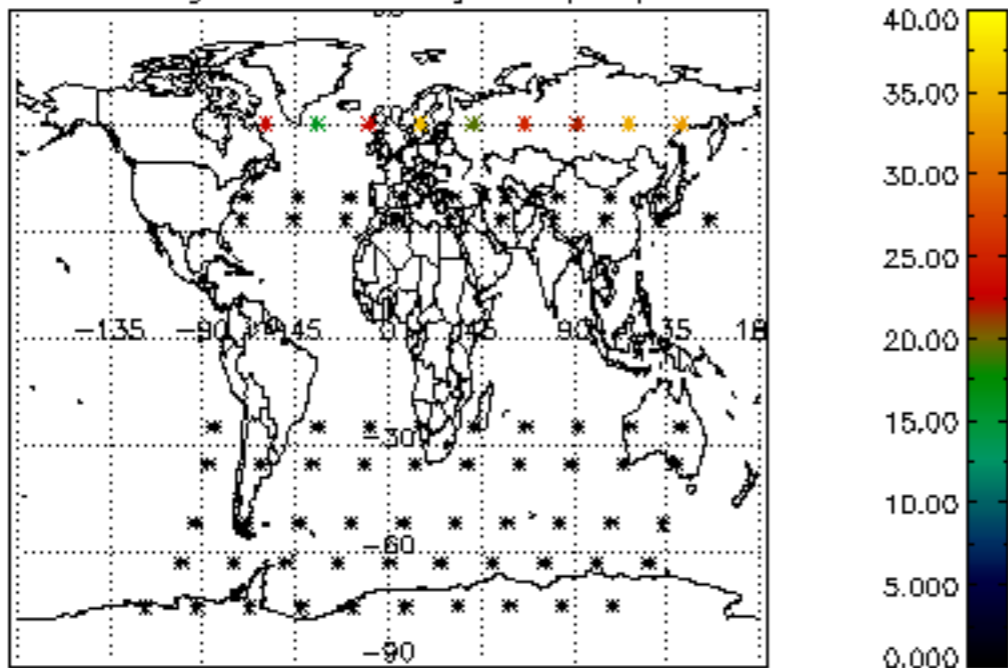


Percentage of saturation errors per profile

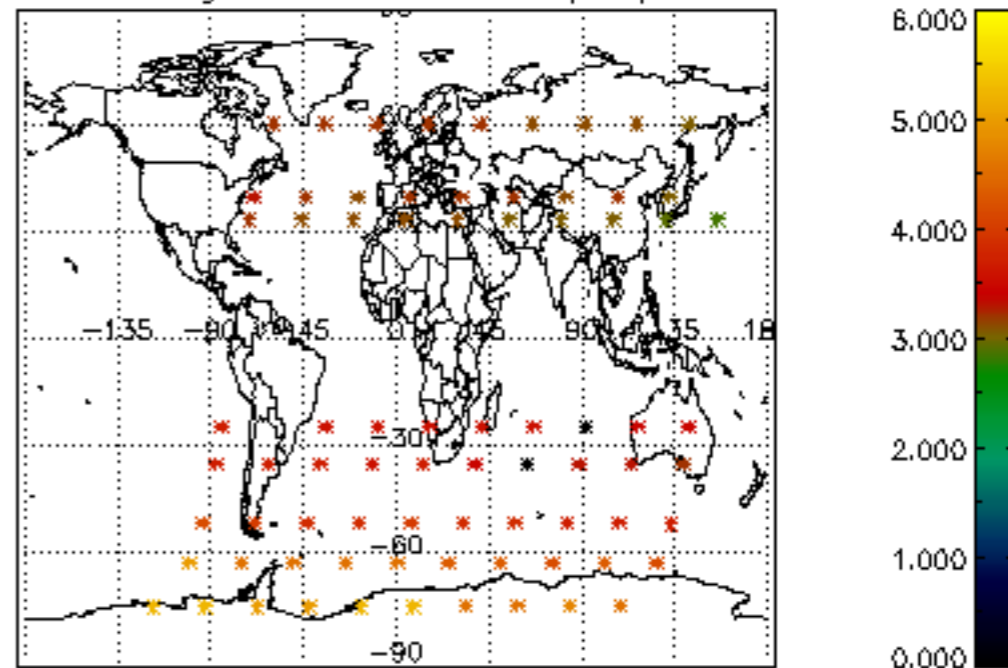




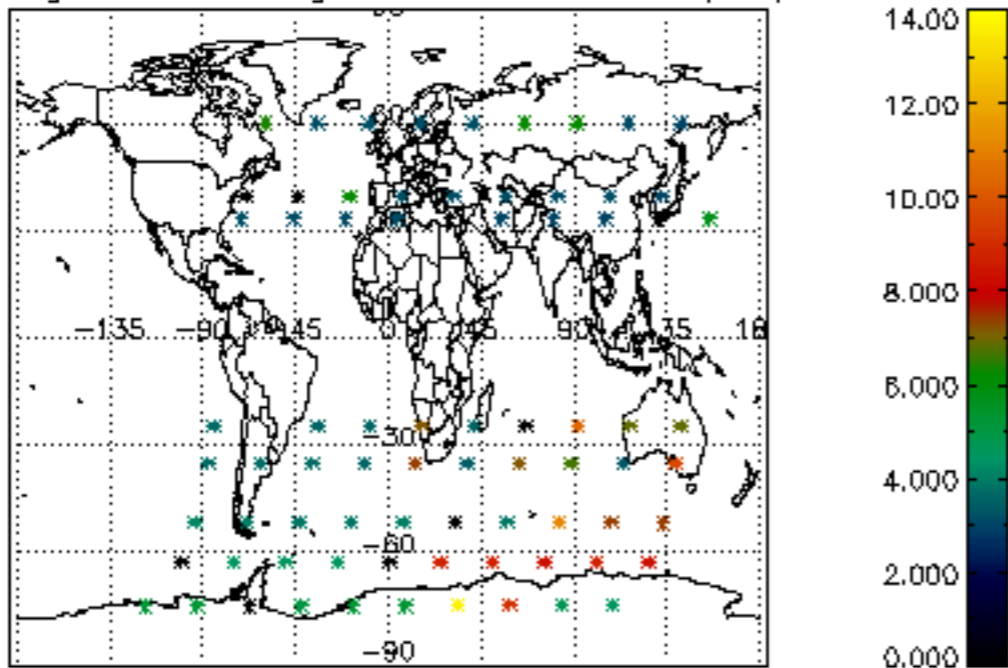
Percentage of cosmic ray hits per profile



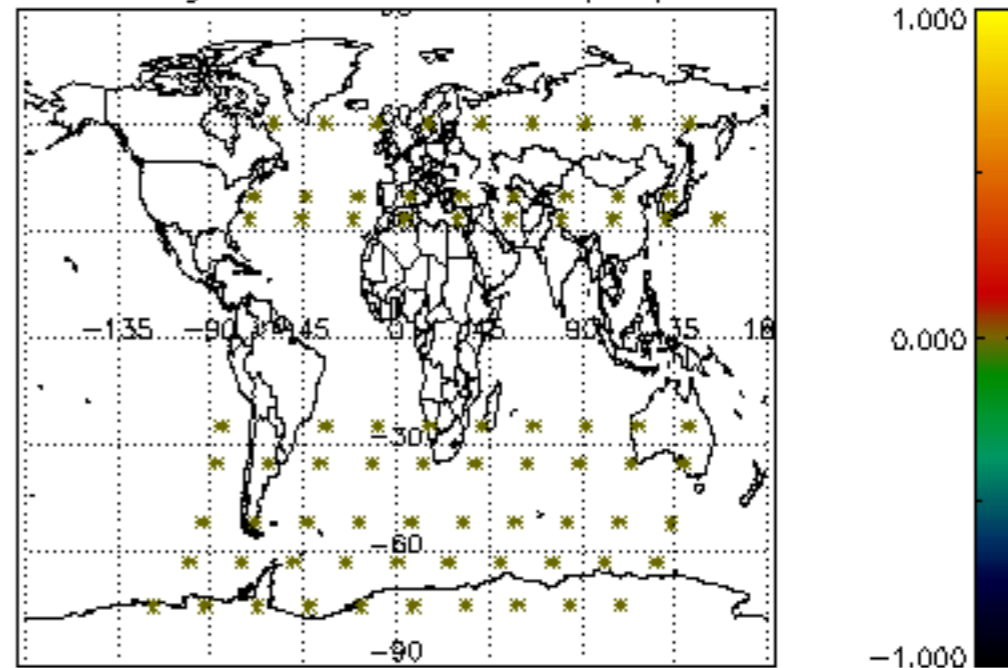
Percentage of datation errors per profile

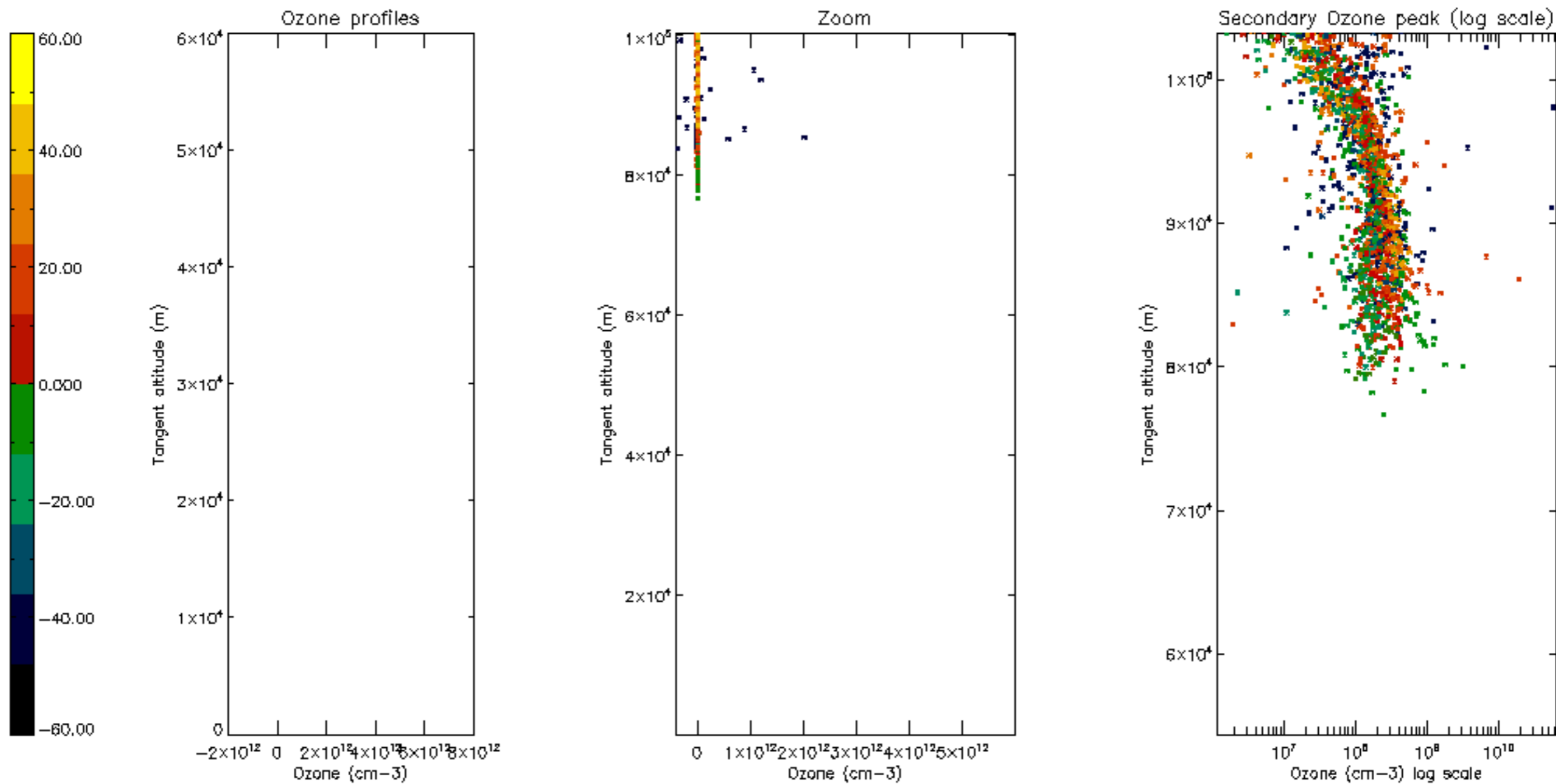


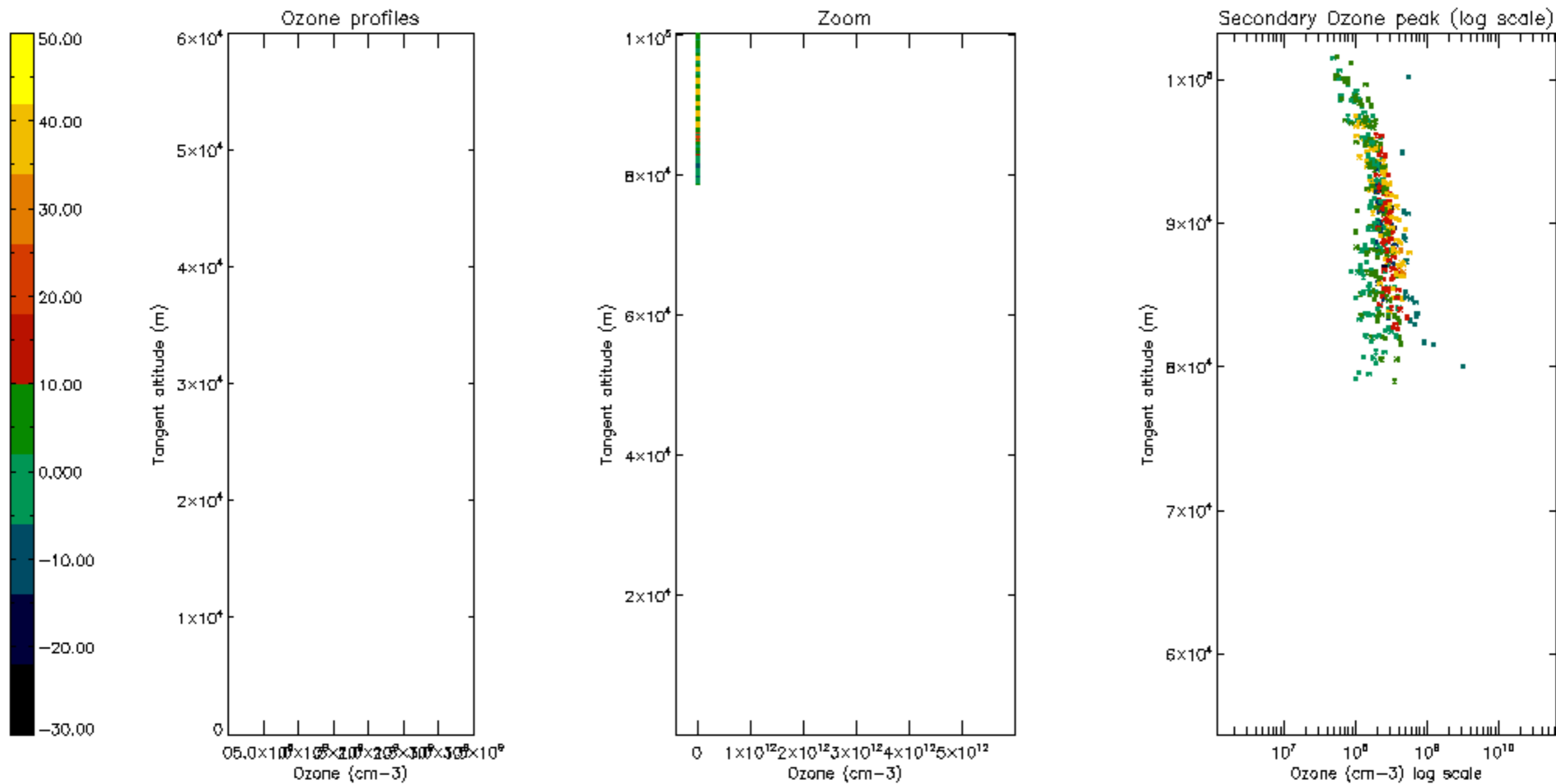
Percentage of star falling outside central band per profile

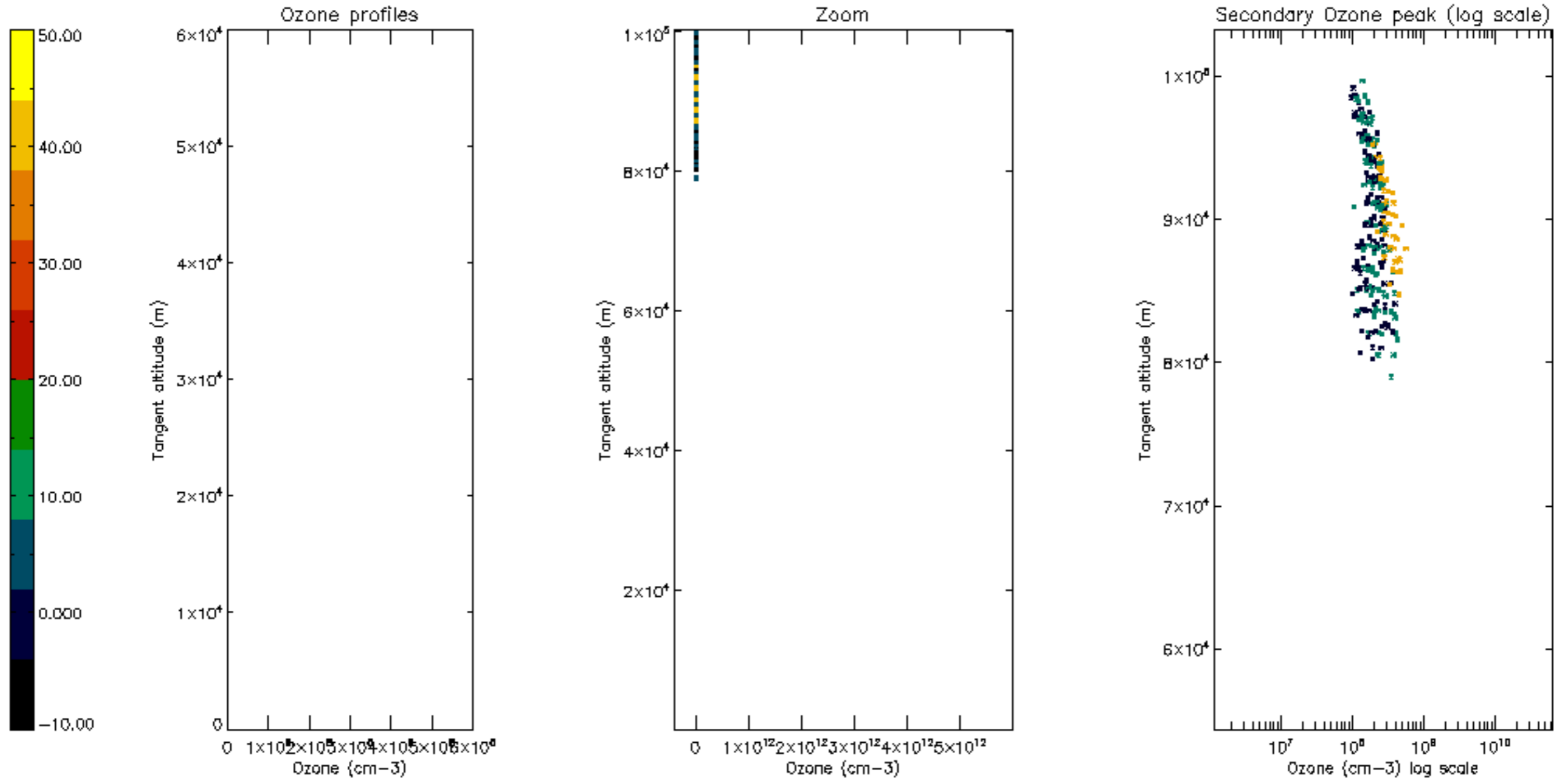


Percentage of saturation errors per profile

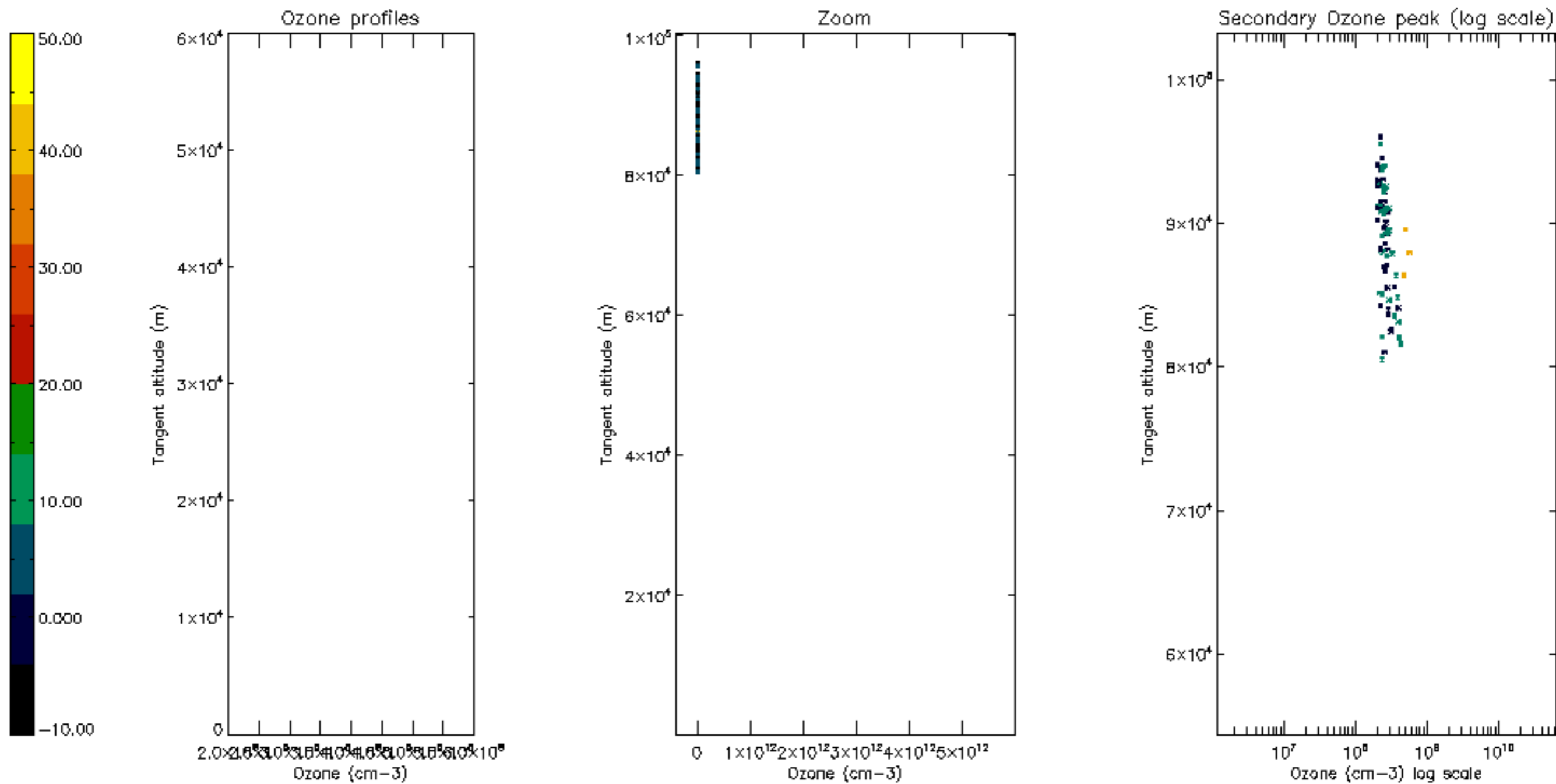


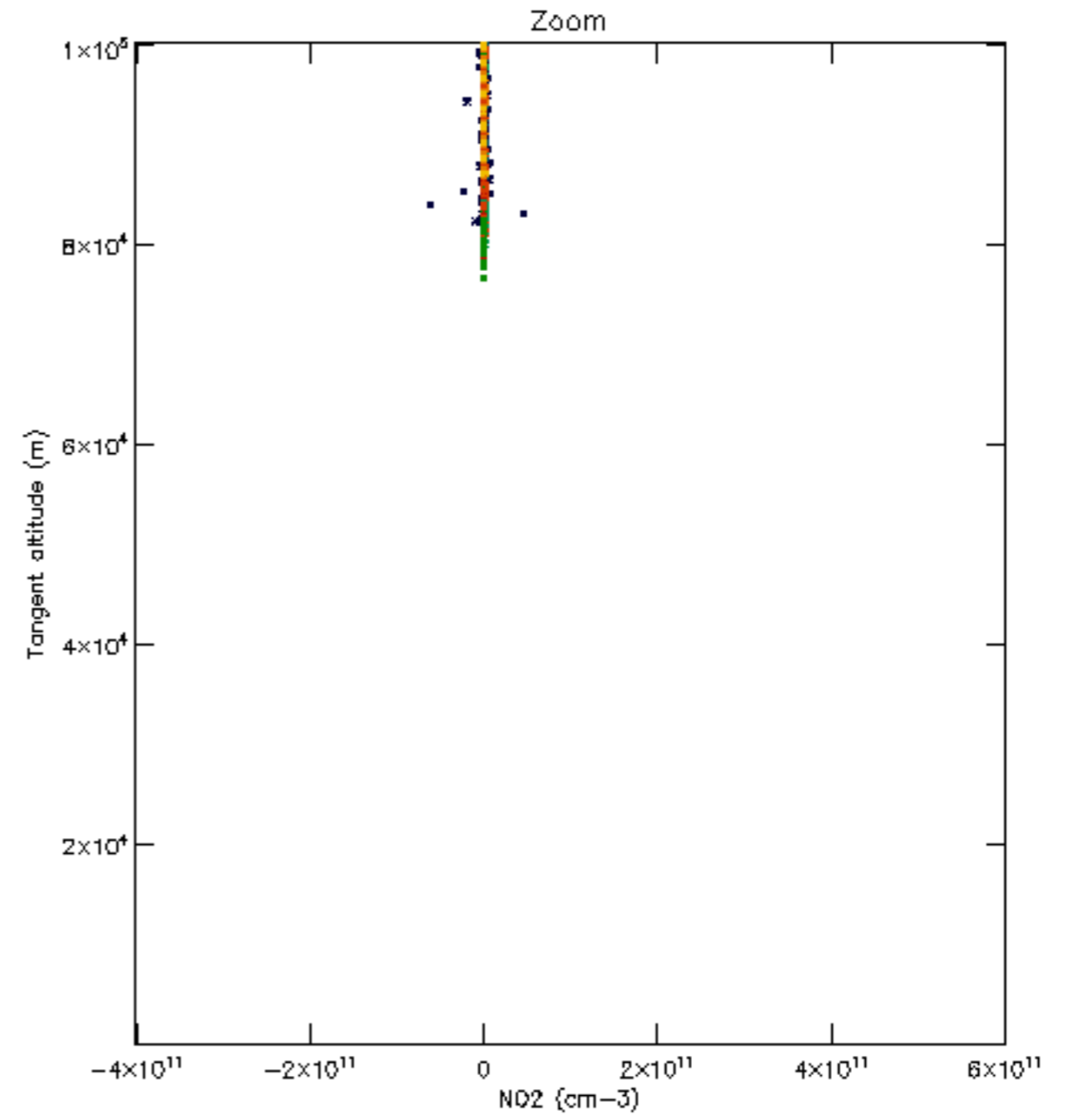
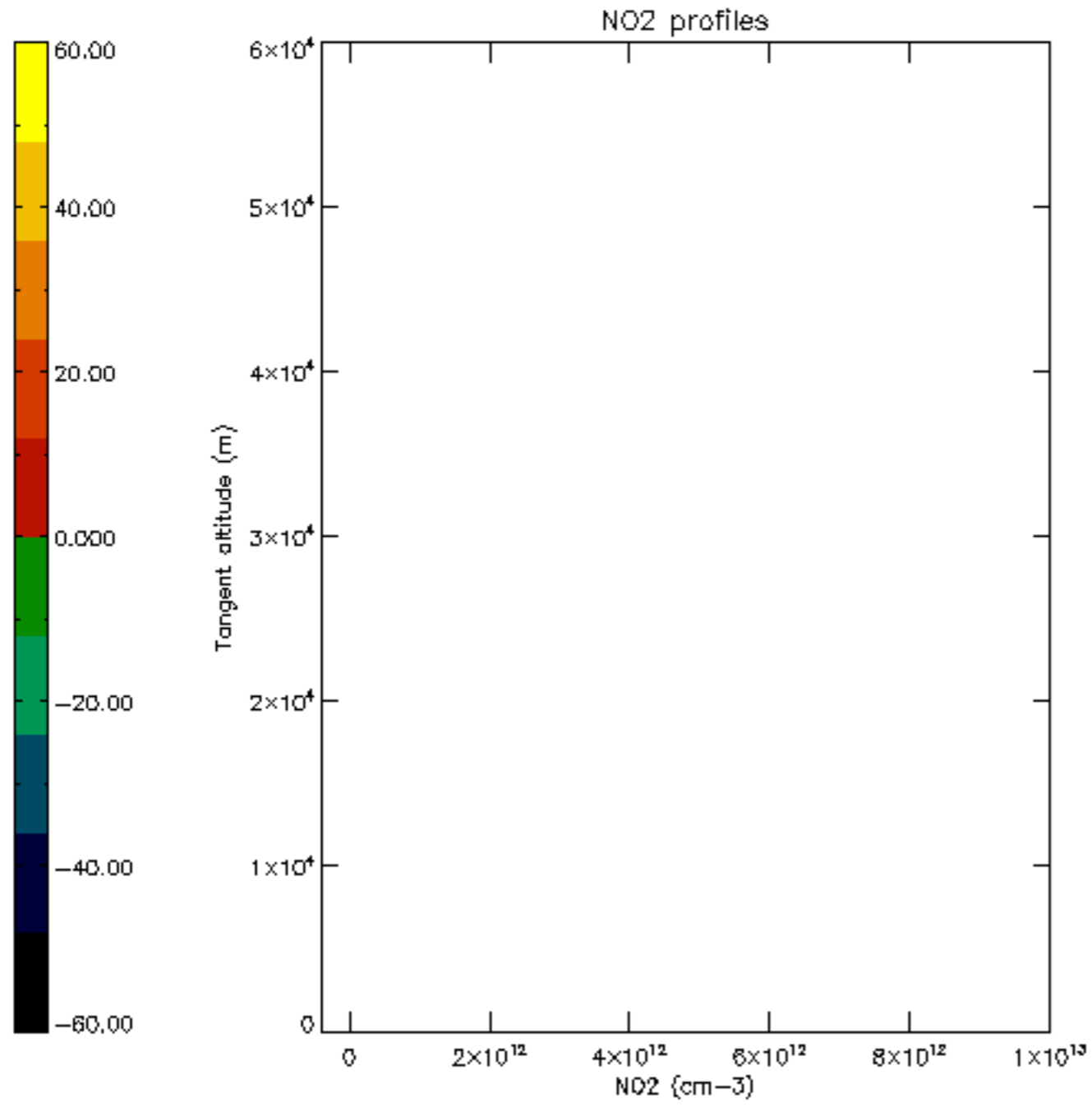


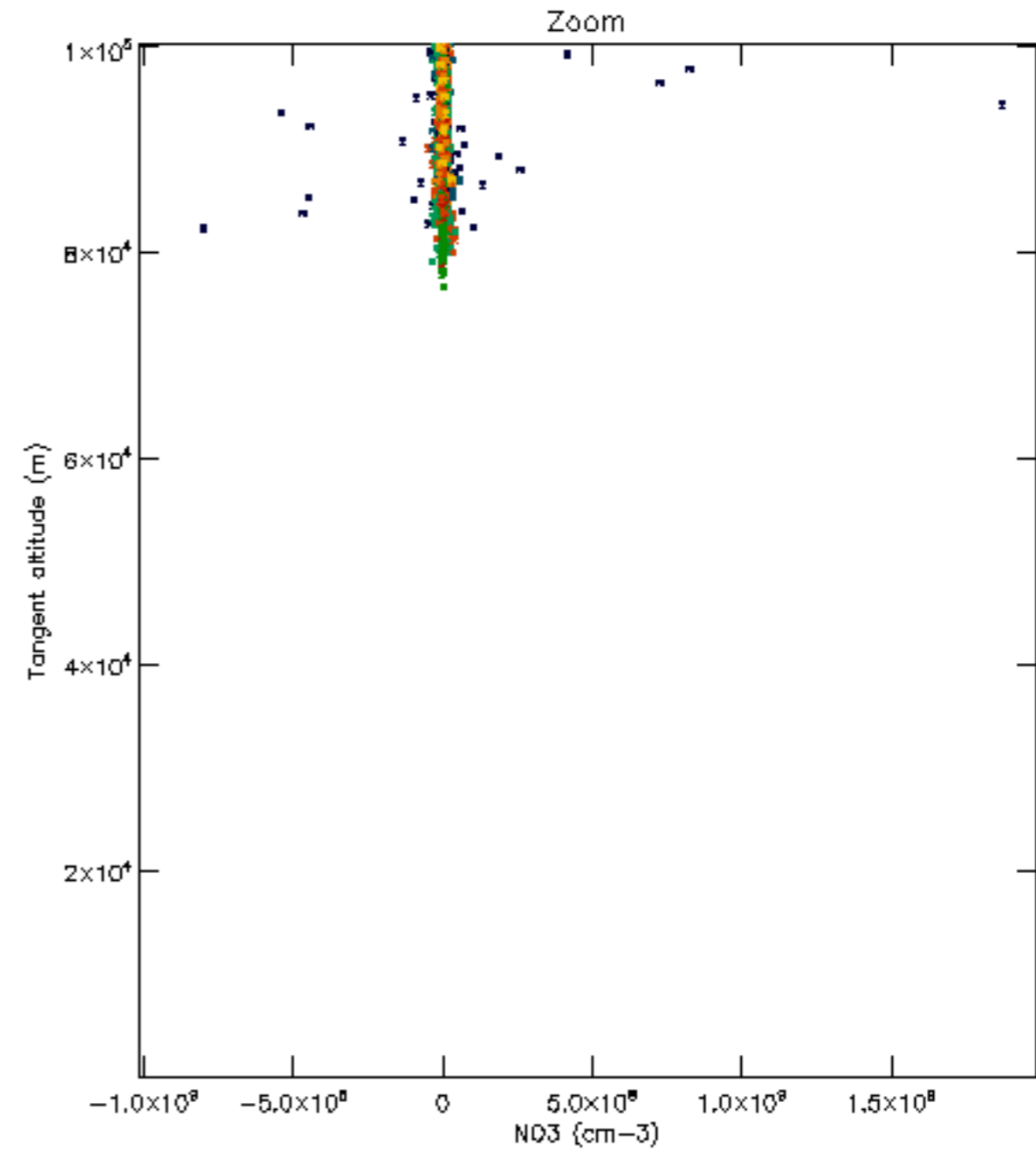
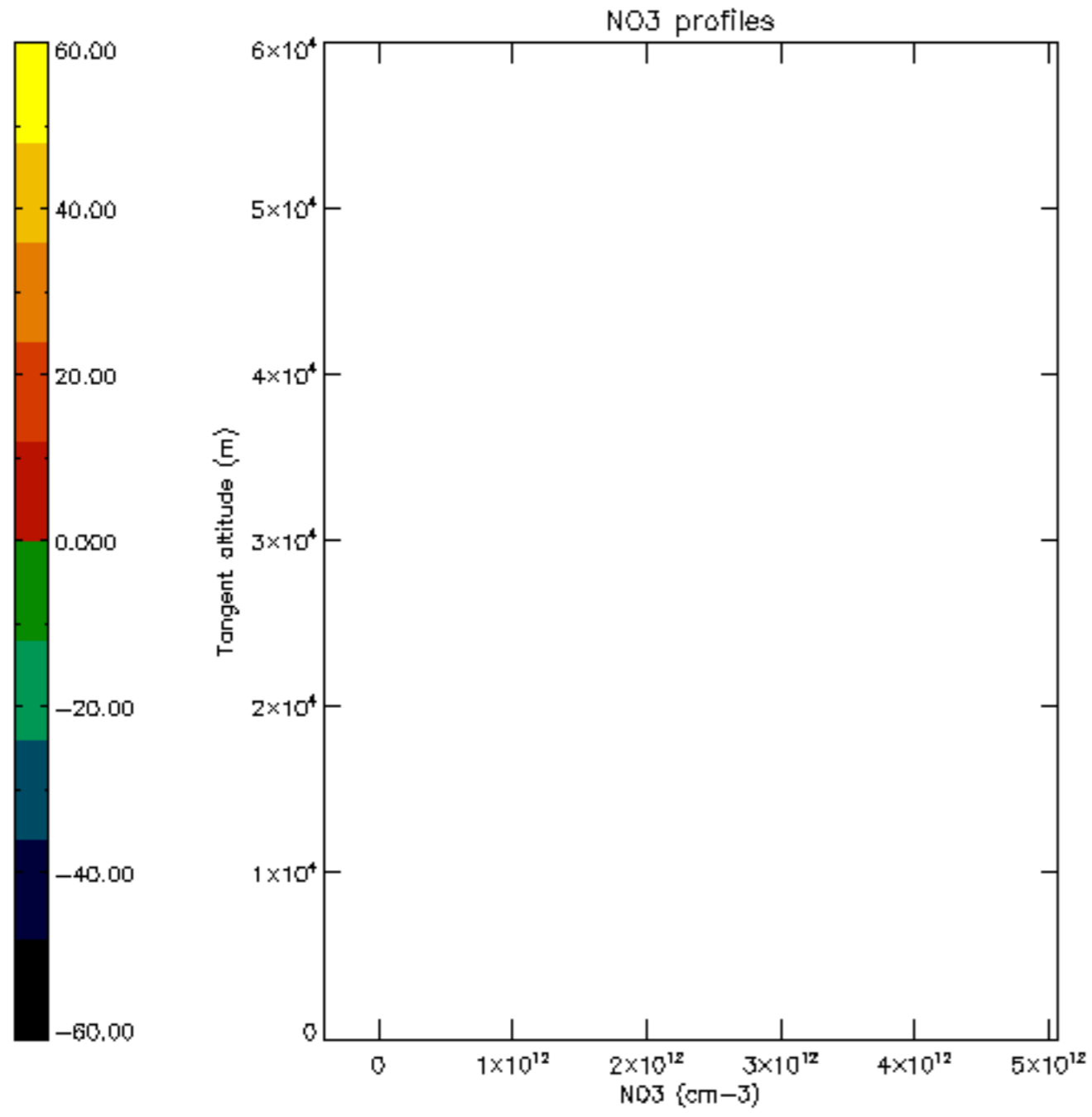


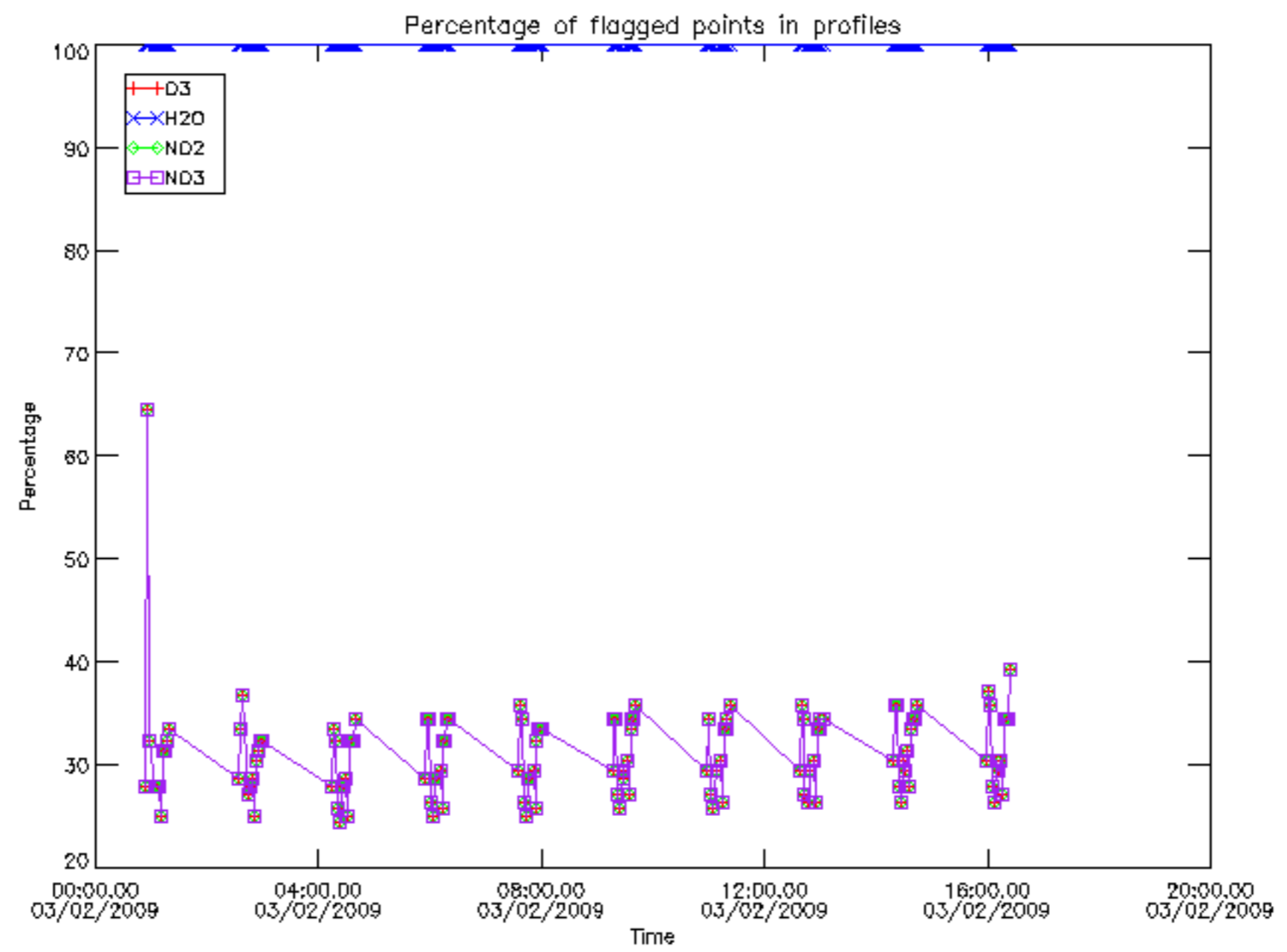






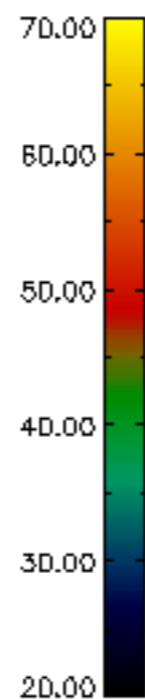
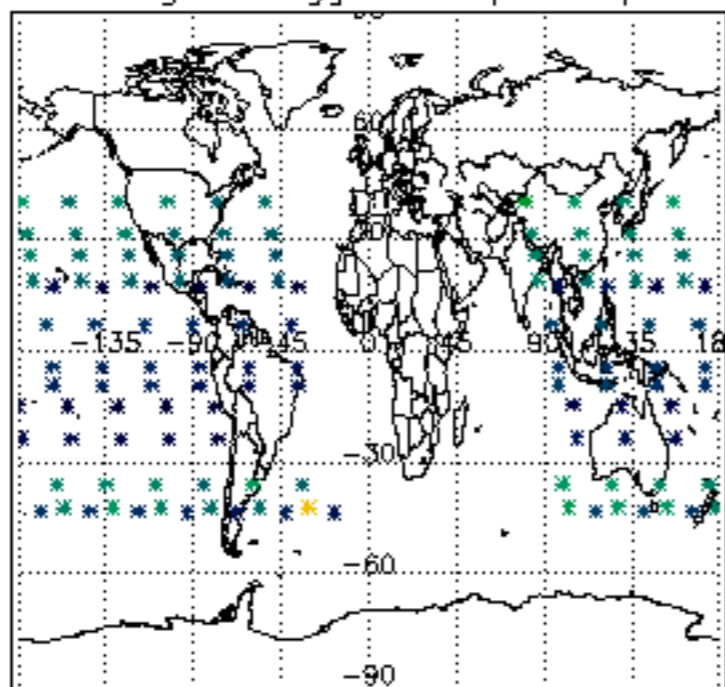




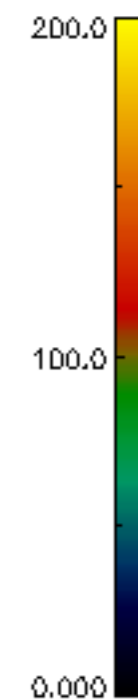
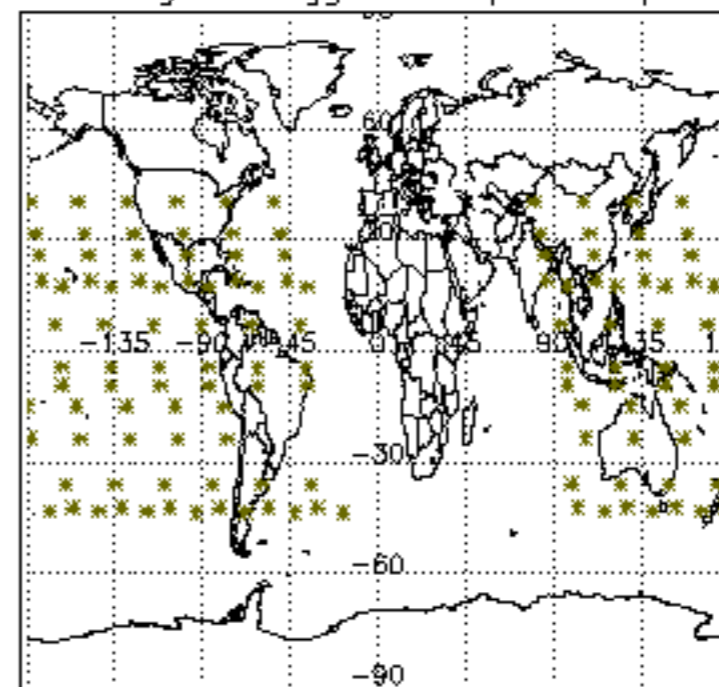




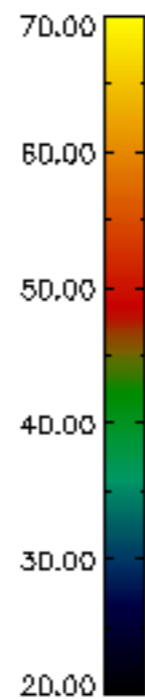
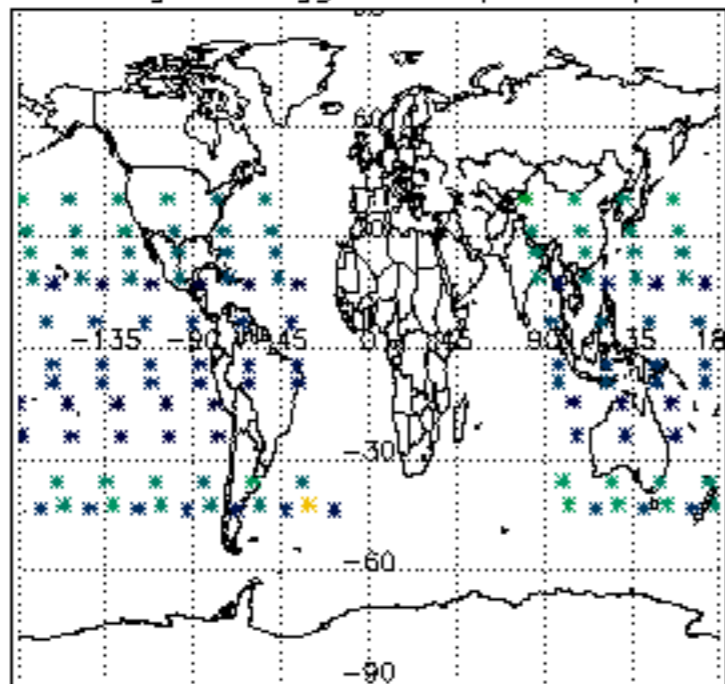
Percentage of flagged data per D3 profile



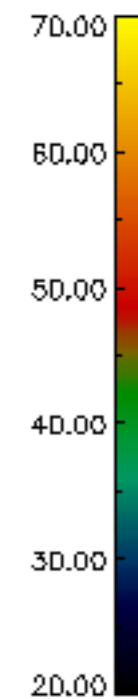
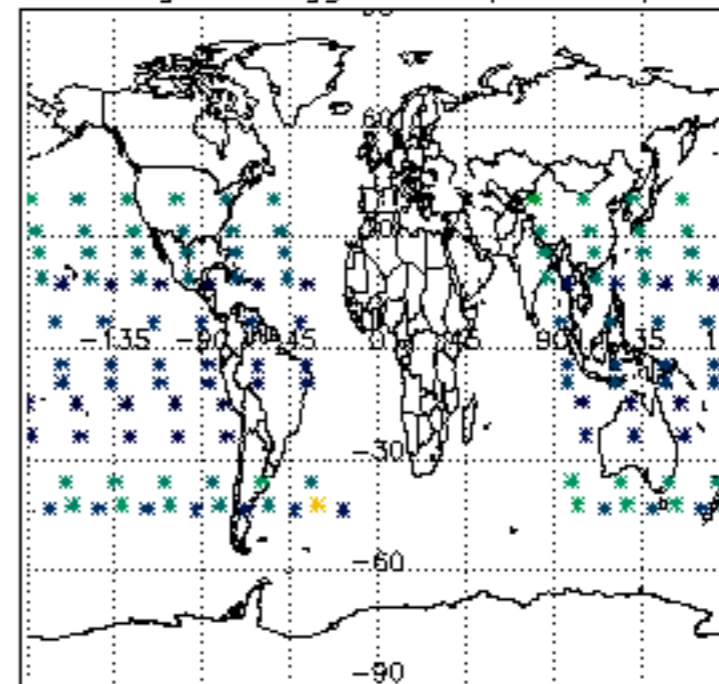
Percentage of flagged data per H2O profile

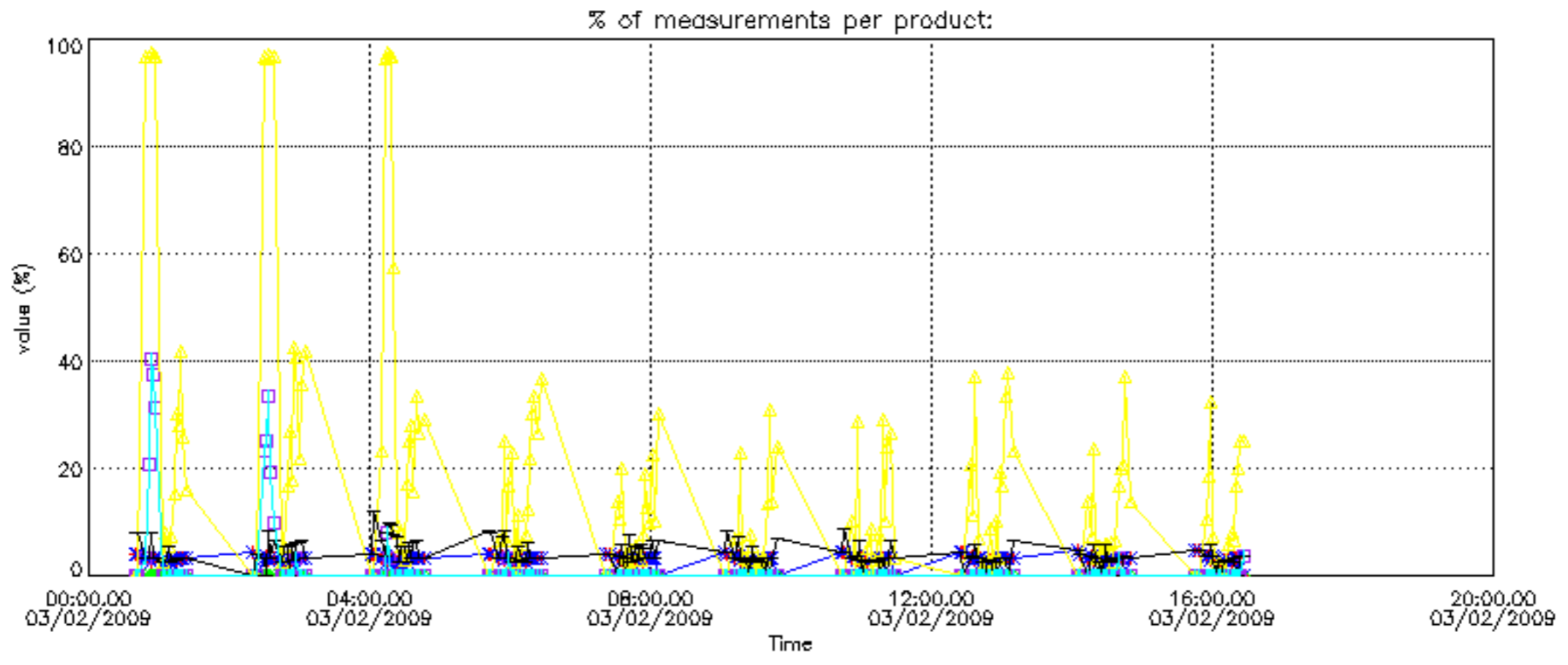


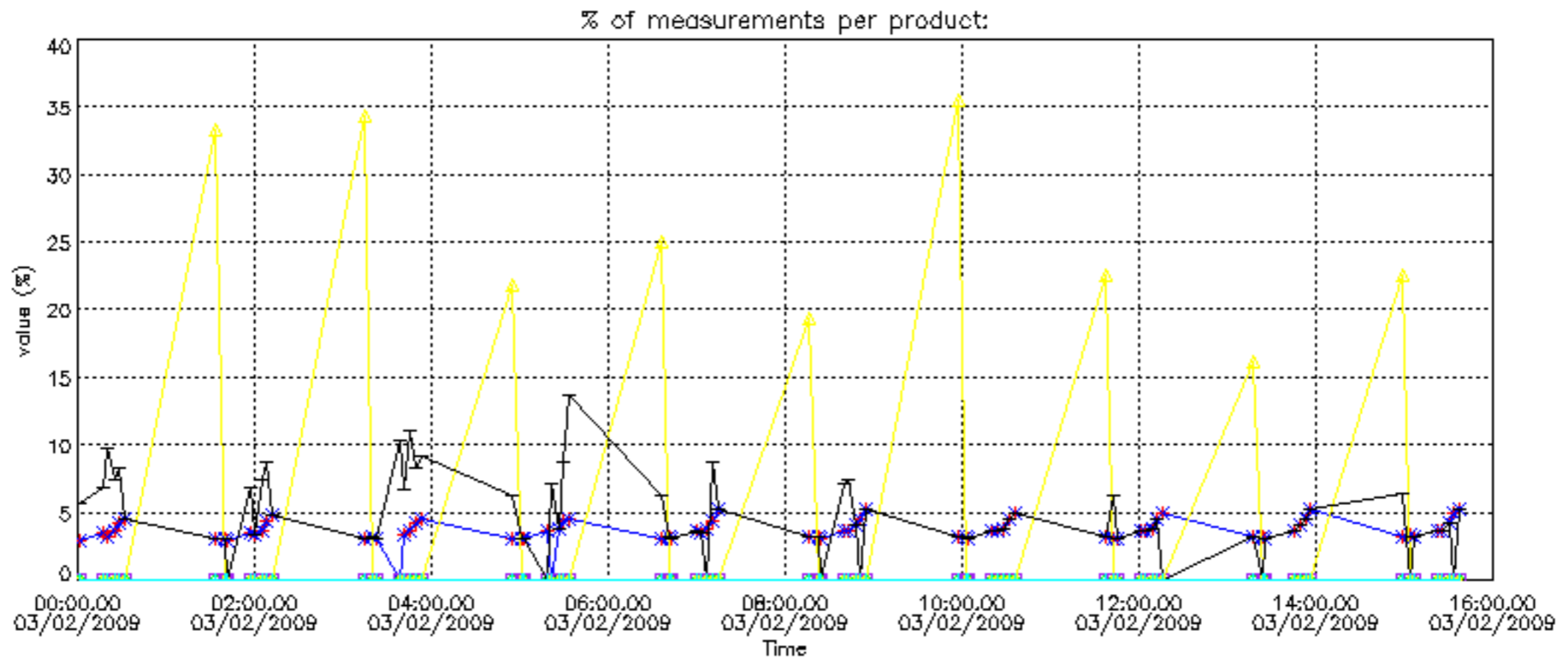
Percentage of flagged data per NO2 profile



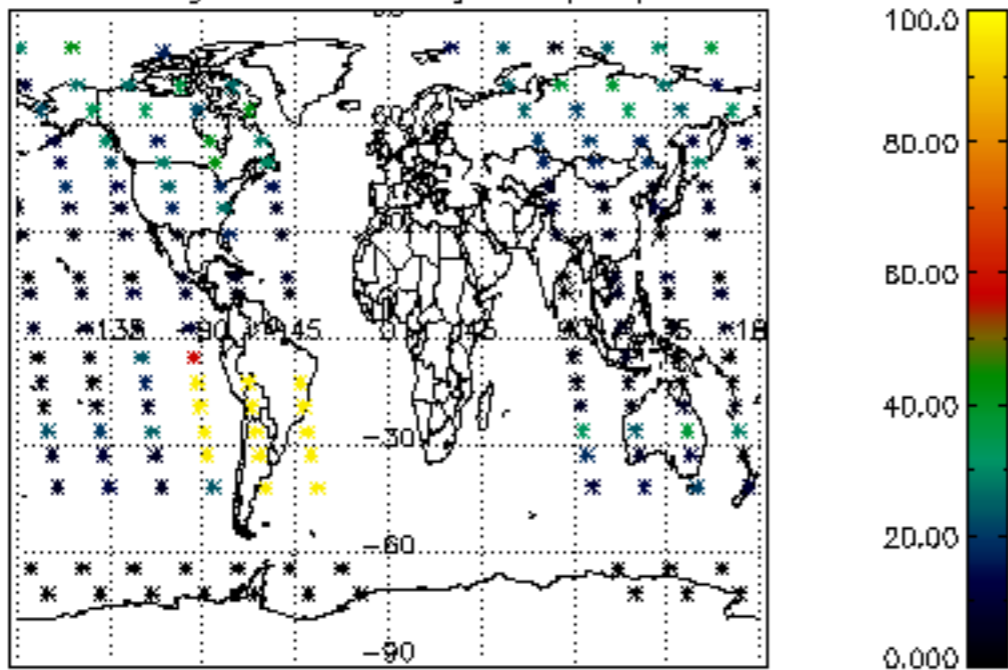
Percentage of flagged data per NO3 profile



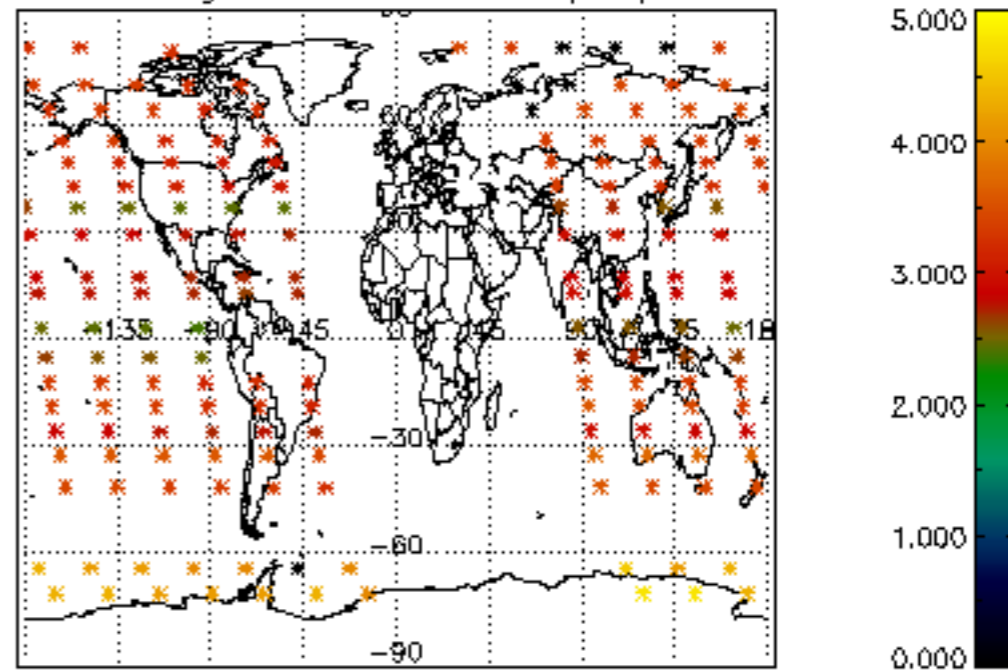




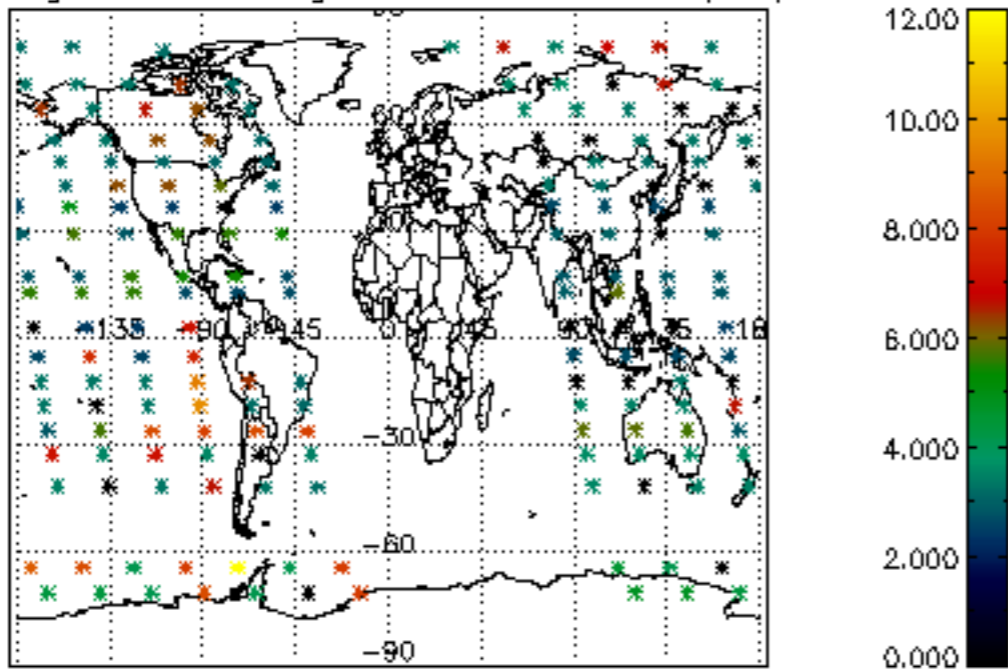
Percentage of cosmic ray hits per profile



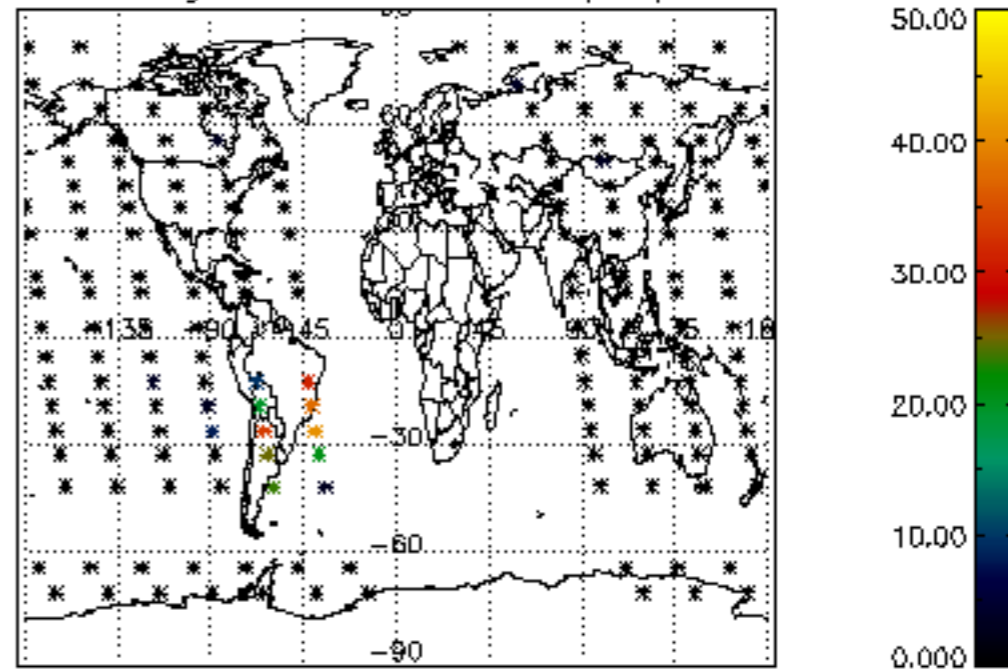
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

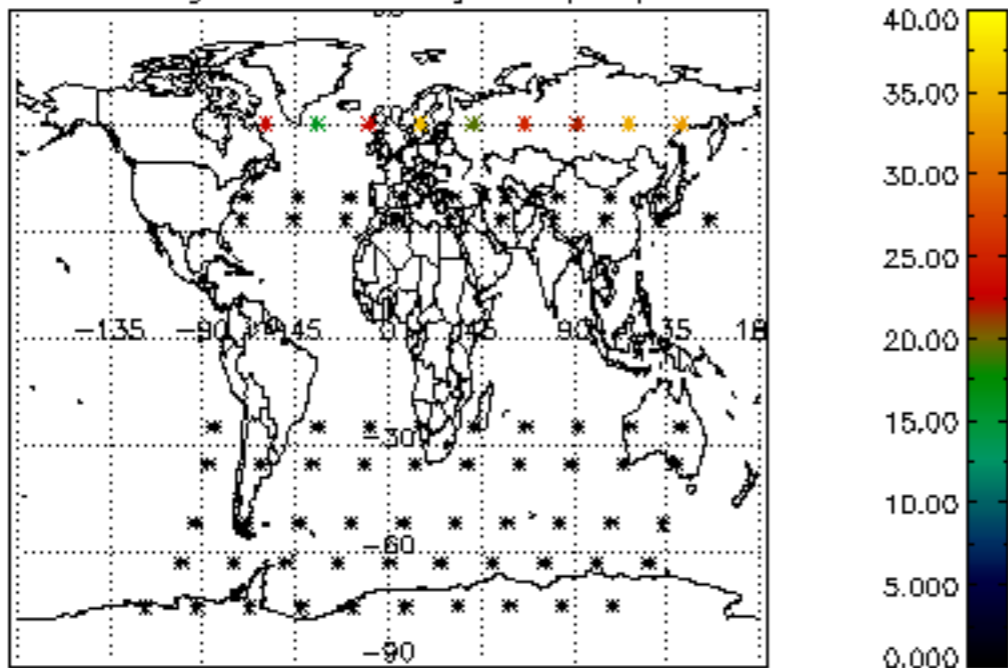


Percentage of saturation errors per profile

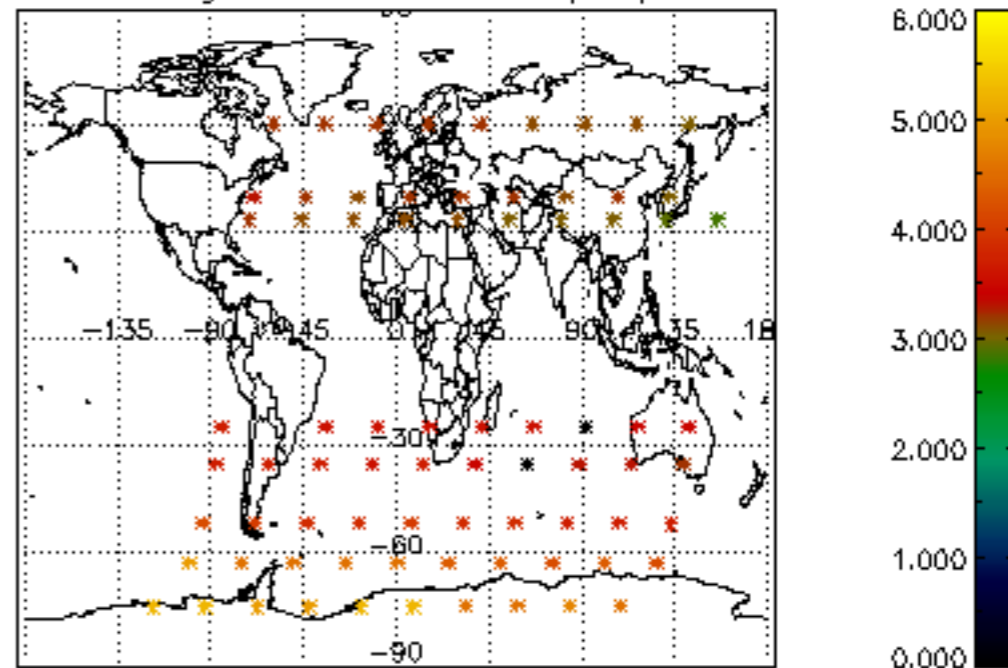




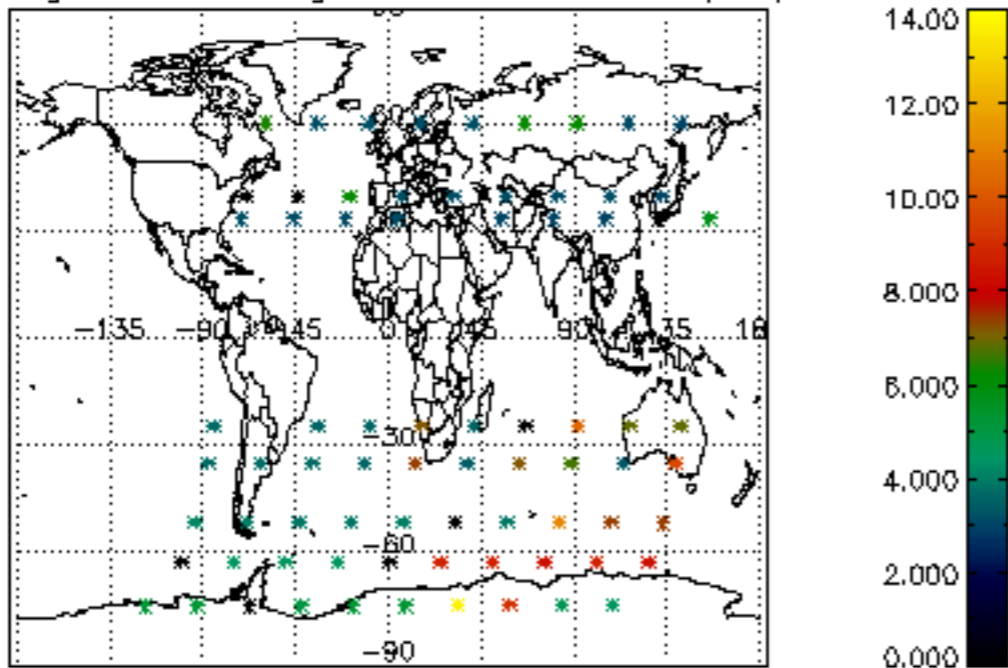
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

