

# GOMOS Level 2 Daily Report

## SUMMARY

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

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

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

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

#### [3.2 Plot of level 2 quality information per product \(world map\)](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	25APR2013 08:57:45
Data source version	GOMOS/6.01
Start time of products	18-01-2008 (18JAN2008 00:00:00)
Stop time of products	19-01-2008 (19JAN2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	423
Nb of prods with errors	1

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

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20080118_000211_000000432065_00145_30760_8916.N1	18-JAN-2008 00:02:11	Bright	42.500	44	24Gam Gem	1.9280	11000.	85	30760	No
2	GOM_NL__2PRFIN20080118_000355_000000412065_00145_30760_8917.N1	18-JAN-2008 00:03:55	Bright	41.000	151	13Mu Gem	2.8900	3000.0	82	30760	No
3	GOM_NL__2PRFIN20080118_000554_000000372065_00145_30760_8918.N1	18-JAN-2008 00:05:54	Bright	36.500	28	12Bet Tau	1.6500	15200.	73	30760	No
4	GOM_NL__2PRFIN20080118_000805_000000362065_00145_30760_8919.N1	18-JAN-2008 00:08:05	Bright	35.500	107	37The Aur	2.6490	11000.	71	30760	No
5	GOM_NL__2PRFIN20080118_001016_000000352065_00145_30760_8920.N1	18-JAN-2008 00:10:16	Bright	35.000	42	34Bet Aur	1.9000	10200.	70	30760	No
6	GOM_NL__2PRFIN20080118_002250_000000322065_00145_30760_8921.N1	18-JAN-2008 00:22:50	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	30760	No
7	GOM_NL__2PRFIN20080118_003104_000000382065_00145_30760_8922.N1	18-JAN-2008 00:31:04	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	30760	No
8	GOM_NL__2PRFIN20080118_003343_000000352065_00145_30760_8923.N1	18-JAN-2008 00:33:43	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	30760	No
9	GOM_NL__2PRFIN20080118_004002_000000552065_00145_30760_8924.N1	18-JAN-2008 00:40:02	Bright	55.000	133	40Zet Her	2.8070	6000.0	110	30760	No
10	GOM_NL__2PRFIN20080118_004452_000000332065_00145_30760_8925.N1	18-JAN-2008 00:44:52	Bright	33.000	59	55Alp Oph	2.0800	8900.0	66	30760	No
11	GOM_NL__2PRFIN20080118_004659_000000332065_00145_30760_8926.N1	18-JAN-2008 00:46:59	Bright	33.000	126	60Bet Oph	2.7700	4250.0	66	30760	No
12	GOM_NL__2PRFIN20080118_005215_000000542065_00145_30760_8927.N1	18-JAN-2008 00:52:15	Bright	53.500	98	13Zet Oph	2.5710	30000.	107	30760	No
13	GOM_NL__2PRFIN20080118_005643_000000492065_00145_30760_8928.N1	18-JAN-2008 00:56:43	Twilight	48.500	16	21Alp Sco	1.0200	3000.0	97	30760	No
14	GOM_NL__2PRFIN20080118_005821_000000432065_00145_30760_8929.N1	18-JAN-2008 00:58:21	Twilight	42.500	75	26Eps Sco	2.2910	4250.0	85	30760	No
15	GOM_NL__2PRFIN20080118_010202_000000412065_00145_30760_8930.N1	18-JAN-2008 01:02:02	Dark	41.000	131	Gam Lup	2.8000	26000.	82	30760	No
16	GOM_NL__2PRFIN20080118_010351_000000412065_00145_30760_8931.N1	18-JAN-2008 01:03:51	Dark	40.500	109	Bet Lup	2.6770	26000.	81	30760	No
17	GOM_NL__2PRFIN20080118_010522_000000412065_00145_30760_8932.N1	18-JAN-2008 01:05:22	Dark	41.000	78	Alp Lup	2.3040	28000.	82	30760	No
18	GOM_NL__2PRFIN20080118_010751_000000432065_00146_30761_8923.N1	18-JAN-2008 01:07:51	Dark	43.000	4	Alp1Cen	-0.010000	5800.0	86	30761	No
19	GOM_NL__2PRFIN20080118_011243_000000412065_00146_30761_8924.N1	18-JAN-2008 01:12:43	Dark	40.500	129	Del Cru	2.7930	26000.	81	30761	No
20	GOM_NL__2PRFIN20080118_011646_000000382065_00146_30761_8925.N1	18-JAN-2008 01:16:46	Dark	38.000	29	Bet Car	1.6720	10200.	76	30761	No
21	GOM_NL__2PRFIN20080118_011846_000000432065_00146_30761_8926.N1	18-JAN-2008 01:18:46	Dark	42.500	71	lot Car	2.2460	7700.0	85	30761	No
22	GOM_NL__2PRFIN20080118_012037_000000402065_00146_30761_8927.N1	18-JAN-2008 01:20:37	Dark	39.500	46	Del Vel	1.9540	10600.	79	30761	No
23	GOM_NL__2PRFIN20080118_012318_000000432065_00146_30761_8928.N1	18-JAN-2008 01:23:18	Dark	43.000	34	Gam2Vel	1.7930	23000.	86	30761	No
24	GOM_NL__2PRFIN20080118_012527_000000412065_00146_30761_8929.N1	18-JAN-2008 01:25:27	Dark	40.500	70	Zet Pup	2.2460	39000.	81	30761	No
25	GOM_NL__2PRFIN20080118_012704_000000422065_00146_30761_8930.N1	18-JAN-2008 01:27:04	Straylight	42.000	117	Pi Pup	2.7060	3800.0	84	30761	No
26	GOM_NL__2PRFIN20080118_012936_000000412065_00146_30761_8931.N1	18-JAN-2008 01:29:36	Straylight	41.000	23	21Eps CMa	1.5020	26000.	82	30761	No
27	GOM_NL__2PRFIN20080118_013101_000000402065_00146_30761_8932.N1	18-JAN-2008 01:31:01	Straylight	39.500	179	24Omi2CMa	3.0320	24000.	79	30761	No
28	GOM_NL__2PRFIN20080118_013313_000000452065_00146_30761_8933.N1	18-JAN-2008 01:33:13	Straylight	45.000	1	9Alp CMa	-1.4400	11000.	90	30761	No
29	GOM_NL__2PRFIN20080118_013543_000000422065_00146_30761_8934.N1	18-JAN-2008 01:35:43	Straylight	41.500	56	53Kap Ori	2.0650	30000.	83	30761	No
30	GOM_NL__2PRFIN20080118_013811_000000402065_00146_30761_8935.N1	18-JAN-2008 01:38:11	Twilight	39.500	30	46Eps Ori	1.6940	30000.	79	30761	No
31	GOM_NL__2PRFIN20080118_014023_000000442065_00146_30761_8936.N1	18-JAN-2008 01:40:23	Twilight	44.000	14	58Alp Ori	0.87000	3000.0	88	30761	No
32	GOM_NL__2PRFIN20080118_014247_000000492065_00146_30761_8937.N1	18-JAN-2008 01:42:47	Bright	48.500	44	24Gam Gem	1.9280	11000.	97	30761	No
33	GOM_NL__2PRFIN20080118_014431_000000382065_00146_30761_8938.N1	18-JAN-2008 01:44:31	Bright	37.500	151	13Mu Gem	2.8900	3000.0	75	30761	No
34	GOM_NL__2PRFIN20080118_014630_000000382065_00146_30761_8939.N1	18-JAN-2008 01:46:30	Bright	37.500	28	12Bet Tau	1.6500	15200.	75	30761	No
35	GOM_NL__2PRFIN20080118_014841_000000372065_00146_30761_8940.N1	18-JAN-2008 01:48:41	Bright	36.500	107	37The Aur	2.6490	11000.	73	30761	No
36	GOM_NL__2PRFIN20080118_015052_000000362065_00146_30761_8941.N1	18-JAN-2008 01:50:52	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	30761	No
37	GOM_NL__2PRFIN20080118_020325_000000332065_00146_30761_8942.N1	18-JAN-2008 02:03:25	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	30761	No
38	GOM_NL__2PRFIN20080118_021140_000000382065_00146_30761_8943.N1	18-JAN-2008 02:11:40	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	30761	No
39	GOM_NL__2PRFIN20080118_021419_000000352065_00146_30761_8944.N1	18-JAN-2008 02:14:19	Bright	34.500	130	23Bet Dra	2.7990	5800.0	69	30761	No
40	GOM_NL__2PRFIN20080118_022038_000000552065_00146_30761_8945.N1	18-JAN-2008 02:20:38	Bright	55.000	133	40Zet Her	2.8070	6000.0	110	30761	No
41	GOM_NL__2PRFIN20080118_022528_000000342065_00146_30761_8946.N1	18-JAN-2008 02:25:28	Bright	33.500	59	55Alp Oph	2.0800	8900.0	67	30761	No
42	GOM_NL__2PRFIN20080118_022735_000000342065_00146_30761_8947.N1	18-JAN-2008 02:27:35	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	30761	No

43	GOM_NL__2PRFIN20080118_023251_000000382065_00146_30761_8948.N1	18-JAN-2008 02:32:51	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	30761	No
44	GOM_NL__2PRFIN20080118_023719_000000482065_00146_30761_8949.N1	18-JAN-2008 02:37:19	Twilight	47.500	16	21Alp Sco	1.0200	3000.0	95	30761	No
45	GOM_NL__2PRFIN20080118_023857_000000422065_00146_30761_8950.N1	18-JAN-2008 02:38:57	Twilight	41.500	75	26Eps Sco	2.2910	4250.0	83	30761	No
46	GOM_NL__2PRFIN20080118_024428_000000402065_00146_30761_8951.N1	18-JAN-2008 02:44:28	Dark	39.500	109	Bet Lup	2.6770	26000.	79	30761	No
47	GOM_NL__2PRFIN20080118_024559_000000402065_00146_30761_8952.N1	18-JAN-2008 02:45:59	Dark	40.000	78	Alp Lup	2.3040	28000.	80	30761	No
48	GOM_NL__2PRFIN20080118_024827_000000412065_00147_30762_8930.N1	18-JAN-2008 02:48:27	Dark	40.500	4	Alp1Cen	-0.010000	5800.0	81	30762	No
49	GOM_NL__2PRFIN20080118_025319_000000402065_00147_30762_8931.N1	18-JAN-2008 02:53:19	Dark	40.000	129	Del Cru	2.7930	26000.	80	30762	No
50	GOM_NL__2PRFIN20080118_025723_000000462065_00147_30762_8932.N1	18-JAN-2008 02:57:23	Dark	45.500	29	Bet Car	1.6720	10200.	91	30762	No
51	GOM_NL__2PRFIN20080118_025922_000000422065_00147_30762_8933.N1	18-JAN-2008 02:59:22	Dark	41.500	71	lot Car	2.2460	7700.0	83	30762	No
52	GOM_NL__2PRFIN20080118_030113_000000422065_00147_30762_8934.N1	18-JAN-2008 03:01:13	Dark	41.500	46	Del Vel	1.9540	10600.	83	30762	No
53	GOM_NL__2PRFIN20080118_030355_000000392065_00147_30762_8935.N1	18-JAN-2008 03:03:55	Dark	39.000	34	Gam2Vel	1.7930	23000.	78	30762	No
54	GOM_NL__2PRFIN20080118_030603_000000422065_00147_30762_8936.N1	18-JAN-2008 03:06:03	Dark	41.500	70	Zet Pup	2.2460	39000.	83	30762	No
55	GOM_NL__2PRFIN20080118_030740_000000422065_00147_30762_8937.N1	18-JAN-2008 03:07:40	Straylight	42.000	117	Pi Pup	2.7060	3800.0	84	30762	No
56	GOM_NL__2PRFIN20080118_031012_000000422065_00147_30762_8938.N1	18-JAN-2008 03:10:12	Straylight	42.000	23	21Eps CMa	1.5020	26000.	84	30762	No
57	GOM_NL__2PRFIN20080118_031137_000000392065_00147_30762_8939.N1	18-JAN-2008 03:11:37	Straylight	39.000	179	24Omi2CMa	3.0320	24000.	78	30762	No
58	GOM_NL__2PRFIN20080118_031349_000000452065_00147_30762_8940.N1	18-JAN-2008 03:13:49	Straylight	45.000	1	9Alp CMa	-1.4400	11000.	90	30762	No
59	GOM_NL__2PRFIN20080118_031619_000000412065_00147_30762_8941.N1	18-JAN-2008 03:16:19	Straylight	40.500	56	53Kap Ori	2.0650	30000.	81	30762	No
60	GOM_NL__2PRFIN20080118_031847_000000362065_00147_30762_8942.N1	18-JAN-2008 03:18:47	Twilight	36.000	30	46Eps Ori	1.6940	30000.	72	30762	No
61	GOM_NL__2PRFIN20080118_032059_000000522065_00147_30762_8943.N1	18-JAN-2008 03:20:59	Twilight	52.000	14	58Alp Ori	0.87000	3000.0	104	30762	No
62	GOM_NL__2PRFIN20080118_032323_000000392065_00147_30762_8944.N1	18-JAN-2008 03:23:23	Bright	39.000	44	24Gam Gem	1.9280	11000.	78	30762	No
63	GOM_NL__2PRFIN20080118_032917_000000352065_00147_30762_8945.N1	18-JAN-2008 03:29:17	Bright	35.000	107	37The Aur	2.6490	11000.	70	30762	No
64	GOM_NL__2PRFIN20080118_033128_000000342065_00147_30762_8946.N1	18-JAN-2008 03:31:28	Bright	34.000	42	34Bet Aur	1.9000	10200.	68	30762	No
65	GOM_NL__2PRFIN20080118_034401_000000352065_00147_30762_8947.N1	18-JAN-2008 03:44:01	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	30762	No
66	GOM_NL__2PRFIN20080118_035216_000000382065_00147_30762_8948.N1	18-JAN-2008 03:52:16	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	30762	No
67	GOM_NL__2PRFIN20080118_035455_000000372065_00147_30762_8949.N1	18-JAN-2008 03:54:55	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	30762	No
68	GOM_NL__2PRFIN20080118_040114_000000552065_00147_30762_8950.N1	18-JAN-2008 04:01:14	Bright	55.000	133	40Zet Her	2.8070	6000.0	110	30762	No
69	GOM_NL__2PRFIN20080118_040604_000000342065_00147_30762_8951.N1	18-JAN-2008 04:06:04	Bright	33.500	59	55Alp Oph	2.0800	8900.0	67	30762	No
70	GOM_NL__2PRFIN20080118_040811_000000342065_00147_30762_8952.N1	18-JAN-2008 04:08:11	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	30762	No
71	GOM_NL__2PRFIN20080118_041328_000000382065_00147_30762_8953.N1	18-JAN-2008 04:13:28	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	30762	No
72	GOM_NL__2PRFIN20080118_041756_000000482065_00147_30762_8954.N1	18-JAN-2008 04:17:56	Twilight	47.500	16	21Alp Sco	1.0200	3000.0	95	30762	No
73	GOM_NL__2PRFIN20080118_041934_000000412065_00147_30762_8955.N1	18-JAN-2008 04:19:34	Twilight	41.000	75	26Eps Sco	2.2910	4250.0	82	30762	No
74	GOM_NL__2PRFIN20080118_042316_000000402065_00147_30762_8956.N1	18-JAN-2008 04:23:16	Dark	39.500	131	Gam Lup	2.8000	26000.	79	30762	No
75	GOM_NL__2PRFIN20080118_042505_000000402065_00147_30762_8957.N1	18-JAN-2008 04:25:05	Dark	39.500	109	Bet Lup	2.6770	26000.	79	30762	No
76	GOM_NL__2PRFIN20080118_042635_000000412065_00147_30762_8958.N1	18-JAN-2008 04:26:35	Dark	40.500	78	Alp Lup	2.3040	28000.	81	30762	No
77	GOM_NL__2PRFIN20080118_042903_000000432065_00148_30763_8942.N1	18-JAN-2008 04:29:03	Dark	43.000	4	Alp1Cen	-0.010000	5800.0	86	30763	No
78	GOM_NL__2PRFIN20080118_043356_000000392065_00148_30763_8943.N1	18-JAN-2008 04:33:56	Dark	39.000	129	Del Cru	2.7930	26000.	78	30763	No
79	GOM_NL__2PRFIN20080118_043759_000000382065_00148_30763_8944.N1	18-JAN-2008 04:37:59	Dark	38.000	29	Bet Car	1.6720	10200.	76	30763	No
80	GOM_NL__2PRFIN20080118_043958_000000432065_00148_30763_8945.N1	18-JAN-2008 04:39:58	Dark	42.500	71	lot Car	2.2460	7700.0	85	30763	No
81	GOM_NL__2PRFIN20080118_044150_000000392065_00148_30763_8946.N1	18-JAN-2008 04:41:50	Dark	39.000	46	Del Vel	1.9540	10600.	78	30763	No
82	GOM_NL__2PRFIN20080118_044431_000000432065_00148_30763_8947.N1	18-JAN-2008 04:44:31	Dark	42.500	34	Gam2Vel	1.7930	23000.	85	30763	No
83	GOM_NL__2PRFIN20080118_044639_000000412065_00148_30763_8948.N1	18-JAN-2008 04:46:39	Dark	41.000	70	Zet Pup	2.2460	39000.	82	30763	No
84	GOM_NL__2PRFIN20080118_044817_000000442065_00148_30763_8949.N1	18-JAN-2008 04:48:17	Straylight	44.000	117	Pi Pup	2.7060	3800.0	88	30763	No
85	GOM_NL__2PRFIN20080118_045048_000000432065_00148_30763_8950.N1	18-JAN-2008 04:50:48	Straylight	42.500	23	21Eps CMa	1.5020	26000.	85	30763	No
86	GOM_NL__2PRFIN20080118_045213_000000402065_00148_30763_8951.N1	18-JAN-2008 04:52:13	Straylight	39.500	179	24Omi2CMa	3.0320	24000.	79	30763	No
87	GOM_NL__2PRFIN20080118_045425_000000472065_00148_30763_8952.N1	18-JAN-2008 04:54:25	Straylight	46.500	1	9Alp CMa	-1.4400	11000.	93	30763	No
88	GOM_NL__2PRFIN20080118_045656_000000402065_00148_30763_8953.N1	18-JAN-2008 04:56:56	Straylight	40.000	56	53Kap Ori	2.0650	30000.	80	30763	No
89	GOM_NL__2PRFIN20080118_045938_000000282065_00148_30763_8954.N1	18-JAN-2008 04:59:38	Dark	27.500	30	46Eps Ori	1.6940	30000.	55	30763	Yes
90	GOM_NL__2PRFIN20080118_050135_000000522065_00148_30763_8955.N1	18-JAN-2008 05:01:35	Twilight	52.000	14	58Alp Ori	0.87000	3000.0	104	30763	No
91	GOM_NL__2PRFIN20080118_050359_000000372065_00148_30763_8956.N1	18-JAN-2008 05:03:59	Bright	37.000	44	24Gam Gem	1.9280	11000.	74	30763	No
92	GOM_NL__2PRFIN20080118_050953_000000342065_00148_30763_8957.N1	18-JAN-2008 05:09:53	Bright	34.000	107	37The Aur	2.6490	11000.	68	30763	No
93	GOM_NL__2PRFIN20080118_051204_000000362065_00148_30763_8958.N1	18-JAN-2008 05:12:04	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	30763	No
94	GOM_NL__2PRFIN20080118_052437_000000332065_00148_30763_8959.N1	18-JAN-2008 05:24:37	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	30763	No
95	GOM_NL__2PRFIN20080118_053252_000000382065_00148_30763_8960.N1	18-JAN-2008 05:32:52	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	30763	No
96	GOM_NL__2PRFIN20080118_053531_000000362065_00148_30763_8961.N1	18-JAN-2008 05:35:31	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	30763	No
97	GOM_NL__2PRFIN20080118_054150_000000552065_00148_30763_8962.N1	18-JAN-2008 05:41:50	Bright	55.000	133	40Zet Her	2.8070	6000.0	110	30763	No
98	GOM_NL__2PRFIN20080118_054640_000000342065_00148_30763_8963.N1	18-JAN-2008 05:46:40	Bright	33.500	59	55Alp Oph	2.0800	8900.0	67	30763	No
99	GOM_NL__2PRFIN20080118_054847_000000332065_00148_30763_8964.N1	18-JAN-2008 05:48:47	Bright	33.000	126	60Bet Oph	2.7700	4250.0	66	30763	No
100	GOM_NL__2PRFIN20080118_055404_000000542065_00148_30763_8965.N1	18-JAN-2008 05:54:04	Bright	54.000	98	13Zet Oph	2.5710	30000.	108	30763	No
101	GOM_NL__2PRFIN20080118_055832_000000462065_00148_30763_8966.N1	18-JAN-2008 05:58:32	Twilight	46.000	16	21Alp Sco	1.0200	3000.0	92	30763	No

102	GOM_NL__2PRFIN20080118_060010_000000422065_00148_30763_8967.N1	18-JAN-2008 06:00:10	Twilight	42.000	75	26Eps Sco	2.2910	4250.0	84	30763	No
103	GOM_NL__2PRFIN20080118_060352_000000402065_00148_30763_8968.N1	18-JAN-2008 06:03:52	Dark	40.000	131	Gam Lup	2.8000	26000.	80	30763	No
104	GOM_NL__2PRFIN20080118_060541_000000432065_00148_30763_8969.N1	18-JAN-2008 06:05:41	Dark	43.000	109	Bet Lup	2.6770	26000.	86	30763	No
105	GOM_NL__2PRFIN20080118_060712_000000412065_00148_30763_8970.N1	18-JAN-2008 06:07:12	Dark	40.500	78	Alp Lup	2.3040	28000.	81	30763	No
106	GOM_NL__2PRFIN20080118_060940_000000542065_00149_30764_8962.N1	18-JAN-2008 06:09:40	Dark	54.000	4	Alp1Cen	-0.010000	5800.0	108	30764	No
107	GOM_NL__2PRFIN20080118_061433_000000402065_00149_30764_8963.N1	18-JAN-2008 06:14:33	Dark	40.000	129	Del Cru	2.7930	26000.	80	30764	No
108	GOM_NL__2PRFIN20080118_061835_000000412065_00149_30764_8964.N1	18-JAN-2008 06:18:35	Dark	40.500	29	Bet Car	1.6720	10200.	81	30764	No
109	GOM_NL__2PRFIN20080118_062035_000000392065_00149_30764_8965.N1	18-JAN-2008 06:20:35	Dark	39.000	71	lot Car	2.2460	7700.0	78	30764	No
110	GOM_NL__2PRFIN20080118_062226_000000422065_00149_30764_8966.N1	18-JAN-2008 06:22:26	Dark	41.500	46	Del Vel	1.9540	10600.	83	30764	No
111	GOM_NL__2PRFIN20080118_062507_000000432065_00149_30764_8967.N1	18-JAN-2008 06:25:07	Dark	43.000	34	Gam2Vel	1.7930	23000.	86	30764	No
112	GOM_NL__2PRFIN20080118_062716_000000402065_00149_30764_8968.N1	18-JAN-2008 06:27:16	Dark	39.500	70	Zet Pup	2.2460	39000.	79	30764	No
113	GOM_NL__2PRFIN20080118_062853_000000432065_00149_30764_8969.N1	18-JAN-2008 06:28:53	Straylight	43.000	117	Pi Pup	2.7060	3800.0	86	30764	No
114	GOM_NL__2PRFIN20080118_063125_000000392065_00149_30764_8970.N1	18-JAN-2008 06:31:25	Straylight	39.000	23	21Eps CMa	1.5020	26000.	78	30764	No
115	GOM_NL__2PRFIN20080118_063249_000000382065_00149_30764_8971.N1	18-JAN-2008 06:32:49	Straylight	37.500	179	24Omi2CMa	3.0320	24000.	75	30764	No
116	GOM_NL__2PRFIN20080118_063501_000000452065_00149_30764_8972.N1	18-JAN-2008 06:35:01	Straylight	44.500	1	9Alp CMa	-1.4400	11000.	89	30764	No
117	GOM_NL__2PRFIN20080118_063732_000000412065_00149_30764_8973.N1	18-JAN-2008 06:37:32	Straylight	40.500	56	53Kap Ori	2.0650	30000.	81	30764	No
118	GOM_NL__2PRFIN20080118_063944_000000402065_00149_30764_8974.N1	18-JAN-2008 06:39:44	Tw_i_and_stray	40.000	33	50Zet Ori	1.7660	30000.	80	30764	No
119	GOM_NL__2PRFIN20080118_064211_000000452065_00149_30764_8975.N1	18-JAN-2008 06:42:11	Tw_i_and_stray	44.500	14	58Alp Ori	0.87000	3000.0	89	30764	No
120	GOM_NL__2PRFIN20080118_064435_000000382065_00149_30764_8976.N1	18-JAN-2008 06:44:35	Bright	37.500	44	24Gam Gem	1.9280	11000.	75	30764	No
121	GOM_NL__2PRFIN20080118_065029_000000352065_00149_30764_8977.N1	18-JAN-2008 06:50:29	Bright	35.000	107	37The Aur	2.6490	11000.	70	30764	No
122	GOM_NL__2PRFIN20080118_065240_000000362065_00149_30764_8978.N1	18-JAN-2008 06:52:40	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	30764	No
123	GOM_NL__2PRFIN20080118_070513_000000352065_00149_30764_8979.N1	18-JAN-2008 07:05:13	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	30764	No
124	GOM_NL__2PRFIN20080118_071328_000000362065_00149_30764_8980.N1	18-JAN-2008 07:13:28	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	30764	No
125	GOM_NL__2PRFIN20080118_071607_000000372065_00149_30764_8981.N1	18-JAN-2008 07:16:07	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	30764	No
126	GOM_NL__2PRFIN20080118_072226_000000552065_00149_30764_8982.N1	18-JAN-2008 07:22:26	Bright	55.000	133	40Zet Her	2.8070	6000.0	110	30764	No
127	GOM_NL__2PRFIN20080118_072716_000000342065_00149_30764_8983.N1	18-JAN-2008 07:27:16	Bright	33.500	59	55Alp Oph	2.0800	8900.0	67	30764	No
128	GOM_NL__2PRFIN20080118_072923_000000332065_00149_30764_8984.N1	18-JAN-2008 07:29:23	Bright	33.000	126	60Bet Oph	2.7700	4250.0	66	30764	No
129	GOM_NL__2PRFIN20080118_073440_000000452065_00149_30764_8985.N1	18-JAN-2008 07:34:40	Bright	44.500	98	13Zet Oph	2.5710	30000.	89	30764	No
130	GOM_NL__2PRFIN20080118_073908_000000512065_00149_30764_8986.N1	18-JAN-2008 07:39:08	Tw_i_and_stray	51.000	16	21Alp Sco	1.0200	3000.0	102	30764	No
131	GOM_NL__2PRFIN20080118_074046_000000412065_00149_30764_8987.N1	18-JAN-2008 07:40:46	Twilight	40.500	75	26Eps Sco	2.2910	4250.0	81	30764	No
132	GOM_NL__2PRFIN20080118_074429_000000412065_00149_30764_8988.N1	18-JAN-2008 07:44:29	Dark	40.500	131	Gam Lup	2.8000	26000.	81	30764	No
133	GOM_NL__2PRFIN20080118_074618_000000432065_00149_30764_8989.N1	18-JAN-2008 07:46:18	Dark	43.000	109	Bet Lup	2.6770	26000.	86	30764	No
134	GOM_NL__2PRFIN20080118_074749_000000442065_00149_30764_8990.N1	18-JAN-2008 07:47:49	Dark	44.000	78	Alp Lup	2.3040	28000.	88	30764	No
135	GOM_NL__2PRFIN20080118_075016_000000442065_00150_30765_8972.N1	18-JAN-2008 07:50:16	Dark	44.000	4	Alp1Cen	-0.010000	5800.0	88	30765	No
136	GOM_NL__2PRFIN20080118_075509_000000402065_00150_30765_8973.N1	18-JAN-2008 07:55:09	Dark	39.500	129	Del Cru	2.7930	26000.	79	30765	No
137	GOM_NL__2PRFIN20080118_075911_000000442065_00150_30765_8974.N1	18-JAN-2008 07:59:11	Dark	43.500	29	Bet Car	1.6720	10200.	87	30765	No
138	GOM_NL__2PRFIN20080118_080111_000000432065_00150_30765_8975.N1	18-JAN-2008 08:01:11	Dark	43.000	71	lot Car	2.2460	7700.0	86	30765	No
139	GOM_NL__2PRFIN20080118_080302_000000412065_00150_30765_8976.N1	18-JAN-2008 08:03:02	Dark	40.500	46	Del Vel	1.9540	10600.	81	30765	No
140	GOM_NL__2PRFIN20080118_080544_000000422065_00150_30765_8977.N1	18-JAN-2008 08:05:44	Dark	42.000	34	Gam2Vel	1.7930	23000.	84	30765	No
141	GOM_NL__2PRFIN20080118_080752_000000412065_00150_30765_8978.N1	18-JAN-2008 08:07:52	Dark	40.500	70	Zet Pup	2.2460	39000.	81	30765	No
142	GOM_NL__2PRFIN20080118_080929_000000432065_00150_30765_8979.N1	18-JAN-2008 08:09:29	Straylight	42.500	117	Pi Pup	2.7060	3800.0	85	30765	No
143	GOM_NL__2PRFIN20080118_081201_000000432065_00150_30765_8980.N1	18-JAN-2008 08:12:01	Straylight	43.000	23	21Eps CMa	1.5020	26000.	86	30765	No
144	GOM_NL__2PRFIN20080118_081325_000000372065_00150_30765_8981.N1	18-JAN-2008 08:13:25	Straylight	36.500	179	24Omi2CMa	3.0320	24000.	73	30765	No
145	GOM_NL__2PRFIN20080118_081537_000000442065_00150_30765_8982.N1	18-JAN-2008 08:15:37	Straylight	44.000	1	9Alp CMa	-1.4400	11000.	88	30765	No
146	GOM_NL__2PRFIN20080118_081808_000000412065_00150_30765_8983.N1	18-JAN-2008 08:18:08	Straylight	41.000	56	53Kap Ori	2.0650	30000.	82	30765	No
147	GOM_NL__2PRFIN20080118_082021_000000402065_00150_30765_8984.N1	18-JAN-2008 08:20:21	Tw_i_and_stray	39.500	33	50Zet Ori	1.7660	30000.	79	30765	No
148	GOM_NL__2PRFIN20080118_082247_000000452065_00150_30765_8985.N1	18-JAN-2008 08:22:47	Tw_i_and_stray	44.500	14	58Alp Ori	0.87000	3000.0	89	30765	No
149	GOM_NL__2PRFIN20080118_082511_000000402065_00150_30765_8986.N1	18-JAN-2008 08:25:11	Bright	39.500	44	24Gam Gem	1.9280	11000.	79	30765	No
150	GOM_NL__2PRFIN20080118_083105_000000362065_00150_30765_8987.N1	18-JAN-2008 08:31:05	Bright	35.500	107	37The Aur	2.6490	11000.	71	30765	No
151	GOM_NL__2PRFIN20080118_083315_000000372065_00150_30765_8988.N1	18-JAN-2008 08:33:15	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	30765	No
152	GOM_NL__2PRFIN20080118_084549_000000372065_00150_30765_8989.N1	18-JAN-2008 08:45:49	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	30765	No
153	GOM_NL__2PRFIN20080118_085404_000000372065_00150_30765_8990.N1	18-JAN-2008 08:54:04	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	30765	No
154	GOM_NL__2PRFIN20080118_085643_000000372065_00150_30765_8991.N1	18-JAN-2008 08:56:43	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	30765	No
155	GOM_NL__2PRFIN20080118_090302_000000372065_00150_30765_8992.N1	18-JAN-2008 09:03:02	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	30765	No
156	GOM_NL__2PRFIN20080118_090752_000000342065_00150_30765_8993.N1	18-JAN-2008 09:07:52	Bright	33.500	59	55Alp Oph	2.0800	8900.0	67	30765	No
157	GOM_NL__2PRFIN20080118_090959_000000332065_00150_30765_8994.N1	18-JAN-2008 09:09:59	Bright	33.000	126	60Bet Oph	2.7700	4250.0	66	30765	No
158	GOM_NL__2PRFIN20080118_091517_000000362065_00150_30765_8995.N1	18-JAN-2008 09:15:17	Bright	35.500	98	13Zet Oph	2.5710	30000.	71	30765	No
159	GOM_NL__2PRFIN20080118_091945_000000462065_00150_30765_8996.N1	18-JAN-2008 09:19:45	Tw_i_and_stray	46.000	16	21Alp Sco	1.0200	3000.0	92	30765	No
160	GOM_NL__2PRFIN20080118_092122_000000432065_00150_30765_8997.N1	18-JAN-2008 09:21:22	Twilight	43.000	75	26Eps Sco	2.2910	4250.0	86	30765	No



161	GOM_NL__2PRFIN20080118_092505_000000402065_00150_30765_8998.N1	18-JAN-2008 09:25:05	Dark	39.500	131	Gam Lup	2.8000	26000.	79	30765	No
162	GOM_NL__2PRFIN20080118_092655_000000412065_00150_30765_8999.N1	18-JAN-2008 09:26:55	Dark	41.000	109	Bet Lup	2.6770	26000.	82	30765	No
163	GOM_NL__2PRFIN20080118_092825_000000432065_00150_30765_9000.N1	18-JAN-2008 09:28:25	Dark	43.000	78	Alp Lup	2.3040	28000.	86	30765	No
164	GOM_NL__2PRFIN20080118_093053_000000442065_00151_30766_8992.N1	18-JAN-2008 09:30:53	Dark	44.000	4	Alp1Cen	-0.010000	5800.0	88	30766	No
165	GOM_NL__2PRFIN20080118_093546_000000392065_00151_30766_8993.N1	18-JAN-2008 09:35:46	Dark	38.500	129	Del Cru	2.7930	26000.	77	30766	No
166	GOM_NL__2PRFIN20080118_093948_000000392065_00151_30766_8994.N1	18-JAN-2008 09:39:48	Dark	38.500	29	Bet Car	1.6720	10200.	77	30766	No
167	GOM_NL__2PRFIN20080118_094148_000000402065_00151_30766_8995.N1	18-JAN-2008 09:41:48	Dark	40.000	71	lot Car	2.2460	7700.0	80	30766	No
168	GOM_NL__2PRFIN20080118_094339_000000422065_00151_30766_8996.N1	18-JAN-2008 09:43:39	Dark	42.000	46	Del Vel	1.9540	10600.	84	30766	No
169	GOM_NL__2PRFIN20080118_094620_000000392065_00151_30766_8997.N1	18-JAN-2008 09:46:20	Dark	39.000	34	Gam2Vel	1.7930	23000.	78	30766	No
170	GOM_NL__2PRFIN20080118_094828_000000412065_00151_30766_8998.N1	18-JAN-2008 09:48:28	Dark	40.500	70	Zet Pup	2.2460	39000.	81	30766	No
171	GOM_NL__2PRFIN20080118_095005_000000432065_00151_30766_8999.N1	18-JAN-2008 09:50:05	Straylight	42.500	117	Pi Pup	2.7060	3800.0	85	30766	No
172	GOM_NL__2PRFIN20080118_095237_000000392065_00151_30766_9000.N1	18-JAN-2008 09:52:37	Straylight	39.000	23	21Eps CMa	1.5020	26000.	78	30766	No
173	GOM_NL__2PRFIN20080118_095401_000000372065_00151_30766_9001.N1	18-JAN-2008 09:54:01	Straylight	36.500	179	24Omi2CMa	3.0320	24000.	73	30766	No
174	GOM_NL__2PRFIN20080118_095613_000000472065_00151_30766_9002.N1	18-JAN-2008 09:56:13	Straylight	47.000	1	9Alp CMa	-1.4400	11000.	94	30766	No
175	GOM_NL__2PRFIN20080118_095844_000000402065_00151_30766_9003.N1	18-JAN-2008 09:58:44	Straylight	39.500	56	53Kap Ori	2.0650	30000.	79	30766	No
176	GOM_NL__2PRFIN20080118_100057_000000392065_00151_30766_9004.N1	18-JAN-2008 10:00:57	Tw_i_and_stray	39.000	33	50Zet Ori	1.7660	30000.	78	30766	No
177	GOM_NL__2PRFIN20080118_100323_000000492065_00151_30766_9005.N1	18-JAN-2008 10:03:23	Tw_i_and_stray	49.000	14	58Alp Ori	0.87000	3000.0	98	30766	No
178	GOM_NL__2PRFIN20080118_100547_000000412065_00151_30766_9006.N1	18-JAN-2008 10:05:47	Bright	41.000	44	24Gam Gem	1.9280	11000.	82	30766	No
179	GOM_NL__2PRFIN20080118_101141_000000352065_00151_30766_9007.N1	18-JAN-2008 10:11:41	Bright	35.000	107	37The Aur	2.6490	11000.	70	30766	No
180	GOM_NL__2PRFIN20080118_101351_000000362065_00151_30766_9008.N1	18-JAN-2008 10:13:51	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	30766	No
181	GOM_NL__2PRFIN20080118_102625_000000362065_00151_30766_9009.N1	18-JAN-2008 10:26:25	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	30766	No
182	GOM_NL__2PRFIN20080118_103440_000000382065_00151_30766_9010.N1	18-JAN-2008 10:34:40	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	30766	No
183	GOM_NL__2PRFIN20080118_103719_000000342065_00151_30766_9011.N1	18-JAN-2008 10:37:19	Bright	33.500	130	23Bet Dra	2.7990	5800.0	67	30766	No
184	GOM_NL__2PRFIN20080118_104338_000000412065_00151_30766_9012.N1	18-JAN-2008 10:43:38	Bright	40.500	133	40Zet Her	2.8070	6000.0	81	30766	No
185	GOM_NL__2PRFIN20080118_104829_000000342065_00151_30766_9013.N1	18-JAN-2008 10:48:29	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	30766	No
186	GOM_NL__2PRFIN20080118_105035_000000342065_00151_30766_9014.N1	18-JAN-2008 10:50:35	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	30766	No
187	GOM_NL__2PRFIN20080118_105553_000000542065_00151_30766_9015.N1	18-JAN-2008 10:55:53	Bright	54.000	98	13Zet Oph	2.5710	30000.	108	30766	No
188	GOM_NL__2PRFIN20080118_110021_000000492065_00151_30766_9016.N1	18-JAN-2008 11:00:21	Tw_i_and_stray	48.500	16	21Alp Sco	1.0200	3000.0	97	30766	No
189	GOM_NL__2PRFIN20080118_110159_000000432065_00151_30766_9017.N1	18-JAN-2008 11:01:59	Twilight	42.500	75	26Eps Sco	2.2910	4250.0	85	30766	No
190	GOM_NL__2PRFIN20080118_110542_000000392065_00151_30766_9018.N1	18-JAN-2008 11:05:42	Dark	39.000	131	Gam Lup	2.8000	26000.	78	30766	No
191	GOM_NL__2PRFIN20080118_110731_000000412065_00151_30766_9019.N1	18-JAN-2008 11:07:31	Dark	40.500	109	Bet Lup	2.6770	26000.	81	30766	No
192	GOM_NL__2PRFIN20080118_110902_000000442065_00151_30766_9020.N1	18-JAN-2008 11:09:02	Dark	43.500	78	Alp Lup	2.3040	28000.	87	30766	No
193	GOM_NL__2PRFIN20080118_111129_000000412065_00152_30767_9003.N1	18-JAN-2008 11:11:29	Dark	40.500	4	Alp1Cen	-0.010000	5800.0	81	30767	No
194	GOM_NL__2PRFIN20080118_111622_000000402065_00152_30767_9004.N1	18-JAN-2008 11:16:22	Dark	39.500	129	Del Cru	2.7930	26000.	79	30767	No
195	GOM_NL__2PRFIN20080118_112024_000000392065_00152_30767_9005.N1	18-JAN-2008 11:20:24	Dark	39.000	29	Bet Car	1.6720	10200.	78	30767	No
196	GOM_NL__2PRFIN20080118_112224_000000402065_00152_30767_9006.N1	18-JAN-2008 11:22:24	Dark	40.000	71	lot Car	2.2460	7700.0	80	30767	No
197	GOM_NL__2PRFIN20080118_112415_000000412065_00152_30767_9007.N1	18-JAN-2008 11:24:15	Dark	41.000	46	Del Vel	1.9540	10600.	82	30767	No
198	GOM_NL__2PRFIN20080118_112656_000000382065_00152_30767_9008.N1	18-JAN-2008 11:26:56	Dark	38.000	34	Gam2Vel	1.7930	23000.	76	30767	No
199	GOM_NL__2PRFIN20080118_112904_000000402065_00152_30767_9009.N1	18-JAN-2008 11:29:04	Dark	40.000	70	Zet Pup	2.2460	39000.	80	30767	No
200	GOM_NL__2PRFIN20080118_113041_000000422065_00152_30767_9010.N1	18-JAN-2008 11:30:41	Straylight	41.500	117	Pi Pup	2.7060	3800.0	83	30767	No
201	GOM_NL__2PRFIN20080118_113313_000000442065_00152_30767_9011.N1	18-JAN-2008 11:33:13	Straylight	43.500	23	21Eps CMa	1.5020	26000.	87	30767	No
202	GOM_NL__2PRFIN20080118_113437_000000392065_00152_30767_9012.N1	18-JAN-2008 11:34:37	Straylight	39.000	179	24Omi2CMa	3.0320	24000.	78	30767	No
203	GOM_NL__2PRFIN20080118_113650_000000452065_00152_30767_9013.N1	18-JAN-2008 11:36:50	Straylight	44.500	1	9Alp CMa	-1.4400	11000.	89	30767	No
204	GOM_NL__2PRFIN20080118_113920_000000392065_00152_30767_9014.N1	18-JAN-2008 11:39:20	Straylight	38.500	56	53Kap Ori	2.0650	30000.	77	30767	No
205	GOM_NL__2PRFIN20080118_114133_000000362065_00152_30767_9015.N1	18-JAN-2008 11:41:33	Tw_i_and_stray	36.000	33	50Zet Ori	1.7660	30000.	72	30767	No
206	GOM_NL__2PRFIN20080118_114359_000000512065_00152_30767_9016.N1	18-JAN-2008 11:43:59	Tw_i_and_stray	51.000	14	58Alp Ori	0.87000	3000.0	102	30767	No
207	GOM_NL__2PRFIN20080118_114623_000000422065_00152_30767_9017.N1	18-JAN-2008 11:46:23	Bright	42.000	44	24Gam Gem	1.9280	11000.	84	30767	No
208	GOM_NL__2PRFIN20080118_115217_000000362065_00152_30767_9018.N1	18-JAN-2008 11:52:17	Bright	36.000	107	37The Aur	2.6490	11000.	72	30767	No
209	GOM_NL__2PRFIN20080118_115427_000000352065_00152_30767_9019.N1	18-JAN-2008 11:54:27	Bright	35.000	42	34Bet Aur	1.9000	10200.	70	30767	No
210	GOM_NL__2PRFIN20080118_121516_000000372065_00152_30767_9020.N1	18-JAN-2008 12:15:16	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	30767	No
211	GOM_NL__2PRFIN20080118_121755_000000362065_00152_30767_9021.N1	18-JAN-2008 12:17:55	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	30767	No
212	GOM_NL__2PRFIN20080118_122414_000000382065_00152_30767_9022.N1	18-JAN-2008 12:24:14	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	30767	No
213	GOM_NL__2PRFIN20080118_122905_000000332065_00152_30767_9023.N1	18-JAN-2008 12:29:05	Bright	33.000	59	55Alp Oph	2.0800	8900.0	66	30767	No
214	GOM_NL__2PRFIN20080118_123111_000000342065_00152_30767_9024.N1	18-JAN-2008 12:31:11	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	30767	No
215	GOM_NL__2PRFIN20080118_123629_000000372065_00152_30767_9025.N1	18-JAN-2008 12:36:29	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	30767	No
216	GOM_NL__2PRFIN20080118_124057_000000462065_00152_30767_9026.N1	18-JAN-2008 12:40:57	Tw_i_and_stray	46.000	16	21Alp Sco	1.0200	3000.0	92	30767	No
217	GOM_NL__2PRFIN20080118_124235_000000392065_00152_30767_9027.N1	18-JAN-2008 12:42:35	Twilight	38.500	75	26Eps Sco	2.2910	4250.0	77	30767	No
218	GOM_NL__2PRFIN20080118_124618_000000382065_00152_30767_9028.N1	18-JAN-2008 12:46:18	Dark	38.000	131	Gam Lup	2.8000	26000.	76	30767	No
219	GOM_NL__2PRFIN20080118_124808_000000412065_00152_30767_9029.N1	18-JAN-2008 12:48:08	Dark	41.000	109	Bet Lup	2.6770	26000.	82	30767	No

220	GOM_NL__2PRFIN20080118_124938_000000412065_00152_30767_9030.N1	18-JAN-2008 12:49:38	Dark	40.500	78	Alp Lup	2.3040	28000.	81	30767	No
221	GOM_NL__2PRFIN20080118_125205_000000412065_00153_30768_9013.N1	18-JAN-2008 12:52:05	Dark	40.500	4	Alp1Cen	-0.010000	5800.0	81	30768	No
222	GOM_NL__2PRFIN20080118_125659_000000402065_00153_30768_9014.N1	18-JAN-2008 12:56:59	Dark	40.000	129	Del Cru	2.7930	26000.	80	30768	No
223	GOM_NL__2PRFIN20080118_130100_000000382065_00153_30768_9015.N1	18-JAN-2008 13:01:00	Dark	37.500	29	Bet Car	1.6720	10200.	75	30768	No
224	GOM_NL__2PRFIN20080118_130300_000000412065_00153_30768_9016.N1	18-JAN-2008 13:03:00	Dark	41.000	71	lot Car	2.2460	7700.0	82	30768	No
225	GOM_NL__2PRFIN20080118_130451_000000412065_00153_30768_9017.N1	18-JAN-2008 13:04:51	Dark	40.500	46	Del Vel	1.9540	10600.	81	30768	No
226	GOM_NL__2PRFIN20080118_130732_000000412065_00153_30768_9018.N1	18-JAN-2008 13:07:32	Dark	40.500	34	Gam2Vel	1.7930	23000.	81	30768	No
227	GOM_NL__2PRFIN20080118_130940_000000452065_00153_30768_9019.N1	18-JAN-2008 13:09:40	Dark	45.000	70	Zet Pup	2.2460	39000.	90	30768	No
228	GOM_NL__2PRFIN20080118_131117_000000462065_00153_30768_9020.N1	18-JAN-2008 13:11:17	Straylight	45.500	117	Pi Pup	2.7060	3800.0	91	30768	No
229	GOM_NL__2PRFIN20080118_131349_000000442065_00153_30768_9021.N1	18-JAN-2008 13:13:49	Straylight	43.500	23	21Eps CMa	1.5020	26000.	87	30768	No
230	GOM_NL__2PRFIN20080118_131513_000000402065_00153_30768_9022.N1	18-JAN-2008 13:15:13	Straylight	40.000	179	24Omi2CMa	3.0320	24000.	80	30768	No
231	GOM_NL__2PRFIN20080118_131725_000000492065_00153_30768_9023.N1	18-JAN-2008 13:17:25	Straylight	49.000	1	9Alp CMa	-1.4400	11000.	98	30768	No
232	GOM_NL__2PRFIN20080118_131956_000000362065_00153_30768_9024.N1	18-JAN-2008 13:19:56	Straylight	36.000	56	53Kap Ori	2.0650	30000.	72	30768	No
233	GOM_NL__2PRFIN20080118_132209_000000382065_00153_30768_9025.N1	18-JAN-2008 13:22:09	Tw_i_and_stray	37.500	33	50Zet Ori	1.7660	30000.	75	30768	No
234	GOM_NL__2PRFIN20080118_132435_000000482065_00153_30768_9026.N1	18-JAN-2008 13:24:35	Tw_i_and_stray	47.500	14	58Alp Ori	0.87000	3000.0	95	30768	No
235	GOM_NL__2PRFIN20080118_132659_000000532065_00153_30768_9027.N1	18-JAN-2008 13:26:59	Bright	53.000	44	24Gam Gem	1.9280	11000.	106	30768	No
236	GOM_NL__2PRFIN20080118_133253_000000352065_00153_30768_9028.N1	18-JAN-2008 13:32:53	Bright	35.000	107	37The Aur	2.6490	11000.	70	30768	No
237	GOM_NL__2PRFIN20080118_133503_000000362065_00153_30768_9029.N1	18-JAN-2008 13:35:03	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	30768	No
238	GOM_NL__2PRFIN20080118_134737_000000352065_00153_30768_9030.N1	18-JAN-2008 13:47:37	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	30768	No
239	GOM_NL__2PRFIN20080118_135551_000000372065_00153_30768_9031.N1	18-JAN-2008 13:55:51	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	30768	No
240	GOM_NL__2PRFIN20080118_135831_000000372065_00153_30768_9032.N1	18-JAN-2008 13:58:31	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	30768	No
241	GOM_NL__2PRFIN20080118_140450_000000372065_00153_30768_9033.N1	18-JAN-2008 14:04:50	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	30768	No
242	GOM_NL__2PRFIN20080118_140941_000000342065_00153_30768_9034.N1	18-JAN-2008 14:09:41	Bright	33.500	59	55Alp Oph	2.0800	8900.0	67	30768	No
243	GOM_NL__2PRFIN20080118_141148_000000332065_00153_30768_9035.N1	18-JAN-2008 14:11:48	Bright	33.000	126	60Bet Oph	2.7700	4250.0	66	30768	No
244	GOM_NL__2PRFIN20080118_141706_000000542065_00153_30768_9036.N1	18-JAN-2008 14:17:06	Bright	54.000	98	13Zet Oph	2.5710	30000.	108	30768	No
245	GOM_NL__2PRFIN20080118_142134_000000542065_00153_30768_9037.N1	18-JAN-2008 14:21:34	Tw_i_and_stray	54.000	16	21Alp Sco	1.0200	3000.0	108	30768	No
246	GOM_NL__2PRFIN20080118_142311_000000442065_00153_30768_9038.N1	18-JAN-2008 14:23:11	Twilight	44.000	75	26Eps Sco	2.2910	4250.0	88	30768	No
247	GOM_NL__2PRFIN20080118_142654_000000402065_00153_30768_9039.N1	18-JAN-2008 14:26:54	Dark	39.500	131	Gam Lup	2.8000	26000.	79	30768	No
248	GOM_NL__2PRFIN20080118_142844_000000412065_00153_30768_9040.N1	18-JAN-2008 14:28:44	Dark	41.000	109	Bet Lup	2.6770	26000.	82	30768	No
249	GOM_NL__2PRFIN20080118_143015_000000422065_00153_30768_9041.N1	18-JAN-2008 14:30:15	Dark	41.500	78	Alp Lup	2.3040	28000.	83	30768	No
250	GOM_NL__2PRFIN20080118_143242_000000412065_00154_30769_9052.N1	18-JAN-2008 14:32:42	Dark	40.500	4	Alp1Cen	-0.010000	5800.0	81	30769	No
251	GOM_NL__2PRFIN20080118_143735_000000402065_00154_30769_9053.N1	18-JAN-2008 14:37:35	Dark	40.000	129	Del Cru	2.7930	26000.	80	30769	No
252	GOM_NL__2PRFIN20080118_144136_000000412065_00154_30769_9054.N1	18-JAN-2008 14:41:36	Dark	41.000	29	Bet Car	1.6720	10200.	82	30769	No
253	GOM_NL__2PRFIN20080118_144337_000000392065_00154_30769_9055.N1	18-JAN-2008 14:43:37	Dark	38.500	71	lot Car	2.2460	7700.0	77	30769	No
254	GOM_NL__2PRFIN20080118_144528_000000392065_00154_30769_9056.N1	18-JAN-2008 14:45:28	Dark	39.000	46	Del Vel	1.9540	10600.	78	30769	No
255	GOM_NL__2PRFIN20080118_144809_000000422065_00154_30769_9057.N1	18-JAN-2008 14:48:09	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	30769	No
256	GOM_NL__2PRFIN20080118_145017_000000402065_00154_30769_9058.N1	18-JAN-2008 14:50:17	Dark	39.500	70	Zet Pup	2.2460	39000.	79	30769	No
257	GOM_NL__2PRFIN20080118_145153_000000452065_00154_30769_9059.N1	18-JAN-2008 14:51:53	Straylight	45.000	117	Pi Pup	2.7060	3800.0	90	30769	No
258	GOM_NL__2PRFIN20080118_145425_000000382065_00154_30769_9060.N1	18-JAN-2008 14:54:25	Straylight	38.000	23	21Eps CMa	1.5020	26000.	76	30769	No
259	GOM_NL__2PRFIN20080118_145549_000000382065_00154_30769_9061.N1	18-JAN-2008 14:55:49	Straylight	38.000	179	24Omi2CMa	3.0320	24000.	76	30769	No
260	GOM_NL__2PRFIN20080118_145802_000000382065_00154_30769_9062.N1	18-JAN-2008 14:58:02	Straylight	38.000	1	9Alp CMa	-1.4400	11000.	76	30769	No
261	GOM_NL__2PRFIN20080118_150032_000000372065_00154_30769_9063.N1	18-JAN-2008 15:00:32	Straylight	36.500	56	53Kap Ori	2.0650	30000.	73	30769	No
262	GOM_NL__2PRFIN20080118_150245_000000402065_00154_30769_9064.N1	18-JAN-2008 15:02:45	Tw_i_and_stray	40.000	33	50Zet Ori	1.7660	30000.	80	30769	No
263	GOM_NL__2PRFIN20080118_150511_000000502065_00154_30769_9065.N1	18-JAN-2008 15:05:11	Tw_i_and_stray	49.500	14	58Alp Ori	0.87000	3000.0	99	30769	No
264	GOM_NL__2PRFIN20080118_150735_000000452065_00154_30769_9066.N1	18-JAN-2008 15:07:35	Bright	45.000	44	24Gam Gem	1.9280	11000.	90	30769	No
265	GOM_NL__2PRFIN20080118_151329_000000362065_00154_30769_9067.N1	18-JAN-2008 15:13:29	Bright	35.500	107	37The Aur	2.6490	11000.	71	30769	No
266	GOM_NL__2PRFIN20080118_151539_000000372065_00154_30769_9068.N1	18-JAN-2008 15:15:39	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	30769	No
267	GOM_NL__2PRFIN20080118_152813_000000362065_00154_30769_9069.N1	18-JAN-2008 15:28:13	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	30769	No
268	GOM_NL__2PRFIN20080118_153627_000000392065_00154_30769_9070.N1	18-JAN-2008 15:36:27	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	30769	No
269	GOM_NL__2PRFIN20080118_153907_000000522065_00154_30769_9071.N1	18-JAN-2008 15:39:07	Bright	52.000	130	23Bet Dra	2.7990	5800.0	104	30769	No
270	GOM_NL__2PRFIN20080118_154527_000000382065_00154_30769_9072.N1	18-JAN-2008 15:45:27	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	30769	No
271	GOM_NL__2PRFIN20080118_155017_000000342065_00154_30769_9073.N1	18-JAN-2008 15:50:17	Bright	33.500	59	55Alp Oph	2.0800	8900.0	67	30769	No
272	GOM_NL__2PRFIN20080118_155224_000000332065_00154_30769_9074.N1	18-JAN-2008 15:52:24	Bright	33.000	126	60Bet Oph	2.7700	4250.0	66	30769	No
273	GOM_NL__2PRFIN20080118_155742_000000362065_00154_30769_9075.N1	18-JAN-2008 15:57:42	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	30769	No
274	GOM_NL__2PRFIN20080118_160210_000000542065_00154_30769_9076.N1	18-JAN-2008 16:02:10	Twilight	54.000	16	21Alp Sco	1.0200	3000.0	108	30769	No
275	GOM_NL__2PRFIN20080118_160347_000000412065_00154_30769_9077.N1	18-JAN-2008 16:03:47	Twilight	40.500	75	26Eps Sco	2.2910	4250.0	81	30769	No
276	GOM_NL__2PRFIN20080118_160731_000000382065_00154_30769_9078.N1	18-JAN-2008 16:07:31	Dark	37.500	131	Gam Lup	2.8000	26000.	75	30769	No
277	GOM_NL__2PRFIN20080118_160921_000000412065_00154_30769_9079.N1	18-JAN-2008 16:09:21	Dark	40.500	109	Bet Lup	2.6770	26000.	81	30769	No
278	GOM_NL__2PRFIN20080118_161051_000000402065_00154_30769_9080.N1	18-JAN-2008 16:10:51	Dark	39.500	78	Alp Lup	2.3040	28000.	79	30769	No

279	GOM_NL__2PRFIN20080118_161318_000000532065_00155_30770_9056.N1	18-JAN-2008 16:13:18	Dark	53.000	4	Alp1Cen	-0.010000	5800.0	106	30770	No
280	GOM_NL__2PRFIN20080118_161812_000000402065_00155_30770_9057.N1	18-JAN-2008 16:18:12	Dark	40.000	129	Del Cru	2.7930	26000.	80	30770	No
281	GOM_NL__2PRFIN20080118_162212_000000392065_00155_30770_9058.N1	18-JAN-2008 16:22:12	Dark	38.500	29	Bet Car	1.6720	10200.	77	30770	No
282	GOM_NL__2PRFIN20080118_162413_000000402065_00155_30770_9059.N1	18-JAN-2008 16:24:13	Dark	39.500	71	lot Car	2.2460	7700.0	79	30770	No
283	GOM_NL__2PRFIN20080118_162604_000000402065_00155_30770_9060.N1	18-JAN-2008 16:26:04	Dark	40.000	46	Del Vel	1.9540	10600.	80	30770	No
284	GOM_NL__2PRFIN20080118_162845_000000402065_00155_30770_9061.N1	18-JAN-2008 16:28:45	Dark	39.500	34	Gam2Vel	1.7930	23000.	79	30770	No
285	GOM_NL__2PRFIN20080118_163053_000000422065_00155_30770_9062.N1	18-JAN-2008 16:30:53	Dark	42.000	70	Zet Pup	2.2460	39000.	84	30770	No
286	GOM_NL__2PRFIN20080118_163230_000000442065_00155_30770_9063.N1	18-JAN-2008 16:32:30	Straylight	43.500	117	Pi Pup	2.7060	3800.0	87	30770	No
287	GOM_NL__2PRFIN20080118_163501_000000412065_00155_30770_9064.N1	18-JAN-2008 16:35:01	Straylight	41.000	23	21Eps CMa	1.5020	26000.	82	30770	No
288	GOM_NL__2PRFIN20080118_163626_000000382065_00155_30770_9065.N1	18-JAN-2008 16:36:26	Straylight	38.000	179	24Omi2CMa	3.0320	24000.	76	30770	No
289	GOM_NL__2PRFIN20080118_163838_000000382065_00155_30770_9066.N1	18-JAN-2008 16:38:38	Straylight	38.000	1	9Alp CMa	-1.4400	11000.	76	30770	No
290	GOM_NL__2PRFIN20080118_164108_000000402065_00155_30770_9067.N1	18-JAN-2008 16:41:08	Straylight	40.000	56	53Kap Ori	2.0650	30000.	80	30770	No
291	GOM_NL__2PRFIN20080118_164321_000000402065_00155_30770_9068.N1	18-JAN-2008 16:43:21	Tw_i_and_stray	40.000	33	50Zet Ori	1.7660	30000.	80	30770	No
292	GOM_NL__2PRFIN20080118_164547_000000482065_00155_30770_9069.N1	18-JAN-2008 16:45:47	Tw_i_and_stray	47.500	14	58Alp Ori	0.87000	3000.0	95	30770	No
293	GOM_NL__2PRFIN20080118_164810_000000532065_00155_30770_9070.N1	18-JAN-2008 16:48:10	Bright	53.000	44	24Gam Gem	1.9280	11000.	106	30770	No
294	GOM_NL__2PRFIN20080118_164955_000000402065_00155_30770_9071.N1	18-JAN-2008 16:49:55	Bright	40.000	151	13Mu Gem	2.8900	3000.0	80	30770	No
295	GOM_NL__2PRFIN20080118_165155_000000382065_00155_30770_9072.N1	18-JAN-2008 16:51:55	Bright	37.500	28	12Bet Tau	1.6500	15200.	75	30770	No
296	GOM_NL__2PRFIN20080118_165405_000000352065_00155_30770_9073.N1	18-JAN-2008 16:54:05	Bright	34.500	107	37The Aur	2.6490	11000.	69	30770	No
297	GOM_NL__2PRFIN20080118_165615_000000362065_00155_30770_9074.N1	18-JAN-2008 16:56:15	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	30770	No
298	GOM_NL__2PRFIN20080118_170849_000000372065_00155_30770_9075.N1	18-JAN-2008 17:08:49	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	30770	No
299	GOM_NL__2PRFIN20080118_171703_000000392065_00155_30770_9076.N1	18-JAN-2008 17:17:03	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	30770	No
300	GOM_NL__2PRFIN20080118_171943_000000352065_00155_30770_9077.N1	18-JAN-2008 17:19:43	Bright	34.500	130	23Bet Dra	2.7990	5800.0	69	30770	No
301	GOM_NL__2PRFIN20080118_172603_000000372065_00155_30770_9078.N1	18-JAN-2008 17:26:03	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	30770	No
302	GOM_NL__2PRFIN20080118_173053_000000342065_00155_30770_9079.N1	18-JAN-2008 17:30:53	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	30770	No
303	GOM_NL__2PRFIN20080118_173300_000000342065_00155_30770_9080.N1	18-JAN-2008 17:33:00	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	30770	No
304	GOM_NL__2PRFIN20080118_173818_000000542065_00155_30770_9081.N1	18-JAN-2008 17:38:18	Bright	54.000	98	13Zet Oph	2.5710	30000.	108	30770	No
305	GOM_NL__2PRFIN20080118_174247_000000492065_00155_30770_9082.N1	18-JAN-2008 17:42:47	Twilight	48.500	16	21Alp Sco	1.0200	3000.0	97	30770	No
306	GOM_NL__2PRFIN20080118_174424_000000432065_00155_30770_9083.N1	18-JAN-2008 17:44:24	Twilight	42.500	75	26Eps Sco	2.2910	4250.0	85	30770	No
307	GOM_NL__2PRFIN20080118_174808_000000402065_00155_30770_9084.N1	18-JAN-2008 17:48:08	Dark	40.000	131	Gam Lup	2.8000	26000.	80	30770	No
308	GOM_NL__2PRFIN20080118_174958_000000412065_00155_30770_9085.N1	18-JAN-2008 17:49:58	Dark	40.500	109	Bet Lup	2.6770	26000.	81	30770	No
309	GOM_NL__2PRFIN20080118_175128_000000392065_00155_30770_9086.N1	18-JAN-2008 17:51:28	Dark	39.000	78	Alp Lup	2.3040	28000.	78	30770	No
310	GOM_NL__2PRFIN20080118_175355_000000522065_00156_30771_9085.N1	18-JAN-2008 17:53:55	Dark	51.500	4	Alp1Cen	-0.010000	5800.0	103	30771	No
311	GOM_NL__2PRFIN20080118_175849_000000412065_00156_30771_9086.N1	18-JAN-2008 17:58:49	Dark	40.500	129	Del Cru	2.7930	26000.	81	30771	No
312	GOM_NL__2PRFIN20080118_180249_000000382065_00156_30771_9087.N1	18-JAN-2008 18:02:49	Dark	38.000	29	Bet Car	1.6720	10200.	76	30771	No
313	GOM_NL__2PRFIN20080118_180449_000000392065_00156_30771_9088.N1	18-JAN-2008 18:04:49	Dark	39.000	71	lot Car	2.2460	7700.0	78	30771	No
314	GOM_NL__2PRFIN20080118_180640_000000432065_00156_30771_9089.N1	18-JAN-2008 18:06:40	Dark	43.000	46	Del Vel	1.9540	10600.	86	30771	No
315	GOM_NL__2PRFIN20080118_180921_000000412065_00156_30771_9090.N1	18-JAN-2008 18:09:21	Dark	41.000	34	Gam2Vel	1.7930	23000.	82	30771	No
316	GOM_NL__2PRFIN20080118_181129_000000422065_00156_30771_9091.N1	18-JAN-2008 18:11:29	Dark	42.000	70	Zet Pup	2.2460	39000.	84	30771	No
317	GOM_NL__2PRFIN20080118_181306_000000442065_00156_30771_9092.N1	18-JAN-2008 18:13:06	Straylight	44.000	117	Pi Pup	2.7060	3800.0	88	30771	No
318	GOM_NL__2PRFIN20080118_181537_000000402065_00156_30771_9093.N1	18-JAN-2008 18:15:37	Straylight	39.500	23	21Eps CMa	1.5020	26000.	79	30771	No
319	GOM_NL__2PRFIN20080118_181702_000000372065_00156_30771_9094.N1	18-JAN-2008 18:17:02	Straylight	36.500	179	24Omi2CMa	3.0320	24000.	73	30771	No
320	GOM_NL__2PRFIN20080118_181914_000000432065_00156_30771_9095.N1	18-JAN-2008 18:19:14	Straylight	42.500	1	9Alp CMa	-1.4400	11000.	85	30771	No
321	GOM_NL__2PRFIN20080118_182144_000000382065_00156_30771_9096.N1	18-JAN-2008 18:21:44	Straylight	38.000	56	53Kap Ori	2.0650	30000.	76	30771	No
322	GOM_NL__2PRFIN20080118_182357_000000432065_00156_30771_9097.N1	18-JAN-2008 18:23:57	Tw_i_and_stray	42.500	33	50Zet Ori	1.7660	30000.	85	30771	No
323	GOM_NL__2PRFIN20080118_182623_000000522065_00156_30771_9098.N1	18-JAN-2008 18:26:23	Tw_i_and_stray	51.500	14	58Alp Ori	0.87000	3000.0	103	30771	No
324	GOM_NL__2PRFIN20080118_182846_000000452065_00156_30771_9099.N1	18-JAN-2008 18:28:46	Bright	44.500	44	24Gam Gem	1.9280	11000.	89	30771	No
325	GOM_NL__2PRFIN20080118_183031_000000402065_00156_30771_9100.N1	18-JAN-2008 18:30:31	Bright	40.000	151	13Mu Gem	2.8900	3000.0	80	30771	No
326	GOM_NL__2PRFIN20080118_183231_000000372065_00156_30771_9101.N1	18-JAN-2008 18:32:31	Bright	37.000	28	12Bet Tau	1.6500	15200.	74	30771	No
327	GOM_NL__2PRFIN20080118_183441_000000352065_00156_30771_9102.N1	18-JAN-2008 18:34:41	Bright	34.500	107	37The Aur	2.6490	11000.	69	30771	No
328	GOM_NL__2PRFIN20080118_183651_000000362065_00156_30771_9103.N1	18-JAN-2008 18:36:51	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	30771	No
329	GOM_NL__2PRFIN20080118_184925_000000352065_00156_30771_9104.N1	18-JAN-2008 18:49:25	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	30771	No
330	GOM_NL__2PRFIN20080118_185739_000000382065_00156_30771_9105.N1	18-JAN-2008 18:57:39	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	30771	No
331	GOM_NL__2PRFIN20080118_190020_000000382065_00156_30771_9106.N1	18-JAN-2008 19:00:20	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	30771	No
332	GOM_NL__2PRFIN20080118_190639_000000382065_00156_30771_9107.N1	18-JAN-2008 19:06:39	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	30771	No
333	GOM_NL__2PRFIN20080118_191129_000000352065_00156_30771_9108.N1	18-JAN-2008 19:11:29	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	30771	No
334	GOM_NL__2PRFIN20080118_191336_000000342065_00156_30771_9109.N1	18-JAN-2008 19:13:36	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	30771	No
335	GOM_NL__2PRFIN20080118_191855_000000542065_00156_30771_9110.N1	18-JAN-2008 19:18:55	Bright	54.000	98	13Zet Oph	2.5710	30000.	108	30771	No
336	GOM_NL__2PRFIN20080118_192323_000000482065_00156_30771_9111.N1	18-JAN-2008 19:23:23	Twilight	48.000	16	21Alp Sco	1.0200	3000.0	96	30771	No
337	GOM_NL__2PRFIN20080118_192500_000000432065_00156_30771_9112.N1	18-JAN-2008 19:25:00	Twilight	42.500	75	26Eps Sco	2.2910	4250.0	85	30771	No



338	GOM_NL__2PRFIN20080118_192844_000000392065_00156_30771_9113.N1	18-JAN-2008 19:28:44	Dark	39.000	131	Gam Lup	2.8000	26000.	78	30771	No
339	GOM_NL__2PRFIN20080118_193034_000000412065_00156_30771_9114.N1	18-JAN-2008 19:30:34	Dark	40.500	109	Bet Lup	2.6770	26000.	81	30771	No
340	GOM_NL__2PRFIN20080118_193205_000000412065_00156_30771_9115.N1	18-JAN-2008 19:32:05	Dark	40.500	78	Alp Lup	2.3040	28000.	81	30771	No
341	GOM_NL__2PRFIN20080118_193431_000000432065_00157_30772_9097.N1	18-JAN-2008 19:34:31	Dark	42.500	4	Alp1Cen	-0.010000	5800.0	85	30772	No
342	GOM_NL__2PRFIN20080118_193925_000000392065_00157_30772_9098.N1	18-JAN-2008 19:39:25	Dark	38.500	129	Del Cru	2.7930	26000.	77	30772	No
343	GOM_NL__2PRFIN20080118_194325_000000382065_00157_30772_9099.N1	18-JAN-2008 19:43:25	Dark	37.500	29	Bet Car	1.6720	10200.	75	30772	No
344	GOM_NL__2PRFIN20080118_194526_000000382065_00157_30772_9100.N1	18-JAN-2008 19:45:26	Dark	38.000	71	lot Car	2.2460	7700.0	76	30772	No
345	GOM_NL__2PRFIN20080118_194717_000000392065_00157_30772_9101.N1	18-JAN-2008 19:47:17	Dark	38.500	46	Del Vel	1.9540	10600.	77	30772	No
346	GOM_NL__2PRFIN20080118_194958_000000442065_00157_30772_9102.N1	18-JAN-2008 19:49:58	Dark	43.500	34	Gam2Vel	1.7930	23000.	87	30772	No
347	GOM_NL__2PRFIN20080118_195206_000000432065_00157_30772_9103.N1	18-JAN-2008 19:52:06	Dark	43.000	70	Zet Pup	2.2460	39000.	86	30772	No
348	GOM_NL__2PRFIN20080118_195342_000000442065_00157_30772_9104.N1	18-JAN-2008 19:53:42	Straylight	43.500	117	Pi Pup	2.7060	3800.0	87	30772	No
349	GOM_NL__2PRFIN20080118_195613_000000422065_00157_30772_9105.N1	18-JAN-2008 19:56:13	Straylight	41.500	23	21Eps CMa	1.5020	26000.	83	30772	No
350	GOM_NL__2PRFIN20080118_195738_000000372065_00157_30772_9106.N1	18-JAN-2008 19:57:38	Straylight	37.000	179	24Omi2CMa	3.0320	24000.	74	30772	No
351	GOM_NL__2PRFIN20080118_195950_000000432065_00157_30772_9107.N1	18-JAN-2008 19:59:50	Straylight	42.500	1	9Alp CMa	-1.4400	11000.	85	30772	No
352	GOM_NL__2PRFIN20080118_200220_000000402065_00157_30772_9108.N1	18-JAN-2008 20:02:20	Straylight	39.500	56	53Kap Ori	2.0650	30000.	79	30772	No
353	GOM_NL__2PRFIN20080118_200433_000000432065_00157_30772_9109.N1	18-JAN-2008 20:04:33	Tw_i_and_stray	42.500	33	50Zet Ori	1.7660	30000.	85	30772	No
354	GOM_NL__2PRFIN20080118_200659_000000522065_00157_30772_9110.N1	18-JAN-2008 20:06:59	Tw_i_and_stray	52.000	14	58Alp Ori	0.87000	3000.0	104	30772	No
355	GOM_NL__2PRFIN20080118_200922_000000532065_00157_30772_9111.N1	18-JAN-2008 20:09:22	Bright	53.000	44	24Gam Gem	1.9280	11000.	106	30772	No
356	GOM_NL__2PRFIN20080118_201106_000000382065_00157_30772_9112.N1	18-JAN-2008 20:11:06	Bright	38.000	151	13Mu Gem	2.8900	3000.0	76	30772	No
357	GOM_NL__2PRFIN20080118_201307_000000362065_00157_30772_9113.N1	18-JAN-2008 20:13:07	Bright	36.000	28	12Bet Tau	1.6500	15200.	72	30772	No
358	GOM_NL__2PRFIN20080118_201517_000000362065_00157_30772_9114.N1	18-JAN-2008 20:15:17	Bright	35.500	107	37The Aur	2.6490	11000.	71	30772	No
359	GOM_NL__2PRFIN20080118_201727_000000352065_00157_30772_9115.N1	18-JAN-2008 20:17:27	Bright	35.000	42	34Bet Aur	1.9000	10200.	70	30772	No
360	GOM_NL__2PRFIN20080118_203001_000000362065_00157_30772_9116.N1	18-JAN-2008 20:30:01	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	30772	No
361	GOM_NL__2PRFIN20080118_203815_000000342065_00157_30772_9117.N1	18-JAN-2008 20:38:15	Bright	34.000	119	14Eta Dra	2.7270	4700.0	68	30772	No
362	GOM_NL__2PRFIN20080118_204056_000000342065_00157_30772_9118.N1	18-JAN-2008 20:40:56	Bright	33.500	130	23Bet Dra	2.7990	5800.0	67	30772	No
363	GOM_NL__2PRFIN20080118_204715_000000362065_00157_30772_9119.N1	18-JAN-2008 20:47:15	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	30772	No
364	GOM_NL__2PRFIN20080118_205205_000000342065_00157_30772_9120.N1	18-JAN-2008 20:52:05	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	30772	No
365	GOM_NL__2PRFIN20080118_205412_000000332065_00157_30772_9121.N1	18-JAN-2008 20:54:12	Bright	32.500	126	60Bet Oph	2.7700	4250.0	65	30772	No
366	GOM_NL__2PRFIN20080118_205931_000000542065_00157_30772_9122.N1	18-JAN-2008 20:59:31	Bright	54.000	98	13Zet Oph	2.5710	30000.	108	30772	No
367	GOM_NL__2PRFIN20080118_210359_000000472065_00157_30772_9123.N1	18-JAN-2008 21:03:59	Twilight	47.000	16	21Alp Sco	1.0200	3000.0	94	30772	No
368	GOM_NL__2PRFIN20080118_210536_000000432065_00157_30772_9124.N1	18-JAN-2008 21:05:36	Twilight	43.000	75	26Eps Sco	2.2910	4250.0	86	30772	No
369	GOM_NL__2PRFIN20080118_210920_000000402065_00157_30772_9125.N1	18-JAN-2008 21:09:20	Dark	39.500	131	Gam Lup	2.8000	26000.	79	30772	No
370	GOM_NL__2PRFIN20080118_211111_000000412065_00157_30772_9126.N1	18-JAN-2008 21:11:11	Dark	40.500	109	Bet Lup	2.6770	26000.	81	30772	No
371	GOM_NL__2PRFIN20080118_211241_000000412065_00157_30772_9127.N1	18-JAN-2008 21:12:41	Dark	40.500	78	Alp Lup	2.3040	28000.	81	30772	No
372	GOM_NL__2PRFIN20080118_211507_000000412065_00158_30773_9110.N1	18-JAN-2008 21:15:07	Dark	40.500	4	Alp1Cen	-0.010000	5800.0	81	30773	No
373	GOM_NL__2PRFIN20080118_212002_000000422065_00158_30773_9111.N1	18-JAN-2008 21:20:02	Dark	41.500	129	Del Cru	2.7930	26000.	83	30773	No
374	GOM_NL__2PRFIN20080118_212401_000000412065_00158_30773_9112.N1	18-JAN-2008 21:24:01	Dark	40.500	29	Bet Car	1.6720	10200.	81	30773	No
375	GOM_NL__2PRFIN20080118_212602_000000432065_00158_30773_9113.N1	18-JAN-2008 21:26:02	Dark	43.000	71	lot Car	2.2460	7700.0	86	30773	No
376	GOM_NL__2PRFIN20080118_212753_000000412065_00158_30773_9114.N1	18-JAN-2008 21:27:53	Dark	41.000	46	Del Vel	1.9540	10600.	82	30773	No
377	GOM_NL__2PRFIN20080118_213034_000000422065_00158_30773_9115.N1	18-JAN-2008 21:30:34	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	30773	No
378	GOM_NL__2PRFIN20080118_213242_000000412065_00158_30773_9116.N1	18-JAN-2008 21:32:42	Dark	41.000	70	Zet Pup	2.2460	39000.	82	30773	No
379	GOM_NL__2PRFIN20080118_213418_000000422065_00158_30773_9117.N1	18-JAN-2008 21:34:18	Straylight	42.000	117	Pi Pup	2.7060	3800.0	84	30773	No
380	GOM_NL__2PRFIN20080118_213650_000000432065_00158_30773_9118.N1	18-JAN-2008 21:36:50	Straylight	43.000	23	21Eps CMa	1.5020	26000.	86	30773	No
381	GOM_NL__2PRFIN20080118_213814_000000402065_00158_30773_9119.N1	18-JAN-2008 21:38:14	Straylight	40.000	179	24Omi2CMa	3.0320	24000.	80	30773	No
382	GOM_NL__2PRFIN20080118_214026_000000462065_00158_30773_9120.N1	18-JAN-2008 21:40:26	Straylight	45.500	1	9Alp CMa	-1.4400	11000.	91	30773	No
383	GOM_NL__2PRFIN20080118_214257_000000412065_00158_30773_9121.N1	18-JAN-2008 21:42:57	Straylight	41.000	56	53Kap Ori	2.0650	30000.	82	30773	No
384	GOM_NL__2PRFIN20080118_214509_000000392065_00158_30773_9122.N1	18-JAN-2008 21:45:09	Tw_i_and_stray	39.000	33	50Zet Ori	1.7660	30000.	78	30773	No
385	GOM_NL__2PRFIN20080118_214735_000000512065_00158_30773_9123.N1	18-JAN-2008 21:47:35	Tw_i_and_stray	50.500	14	58Alp Ori	0.87000	3000.0	101	30773	No
386	GOM_NL__2PRFIN20080118_214958_000000382065_00158_30773_9124.N1	18-JAN-2008 21:49:58	Bright	38.000	44	24Gam Gem	1.9280	11000.	76	30773	No
387	GOM_NL__2PRFIN20080118_215142_000000392065_00158_30773_9125.N1	18-JAN-2008 21:51:42	Bright	39.000	151	13Mu Gem	2.8900	3000.0	78	30773	No
388	GOM_NL__2PRFIN20080118_215343_000000372065_00158_30773_9126.N1	18-JAN-2008 21:53:43	Bright	36.500	28	12Bet Tau	1.6500	15200.	73	30773	No
389	GOM_NL__2PRFIN20080118_215552_000000352065_00158_30773_9127.N1	18-JAN-2008 21:55:52	Bright	35.000	107	37The Aur	2.6490	11000.	70	30773	No
390	GOM_NL__2PRFIN20080118_215803_000000362065_00158_30773_9128.N1	18-JAN-2008 21:58:03	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	30773	No
391	GOM_NL__2PRFIN20080118_221037_000000362065_00158_30773_9129.N1	18-JAN-2008 22:10:37	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	30773	No
392	GOM_NL__2PRFIN20080118_221851_000000362065_00158_30773_9130.N1	18-JAN-2008 22:18:51	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	30773	No
393	GOM_NL__2PRFIN20080118_222132_000000342065_00158_30773_9131.N1	18-JAN-2008 22:21:32	Bright	33.500	130	23Bet Dra	2.7990	5800.0	67	30773	No
394	GOM_NL__2PRFIN20080118_222751_000000552065_00158_30773_9132.N1	18-JAN-2008 22:27:51	Bright	55.000	133	40Zet Her	2.8070	6000.0	110	30773	No
395	GOM_NL__2PRFIN20080118_223241_000000342065_00158_30773_9133.N1	18-JAN-2008 22:32:41	Bright	33.500	59	55Alp Oph	2.0800	8900.0	67	30773	No
396	GOM_NL__2PRFIN20080118_223448_000000342065_00158_30773_9134.N1	18-JAN-2008 22:34:48	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	30773	No

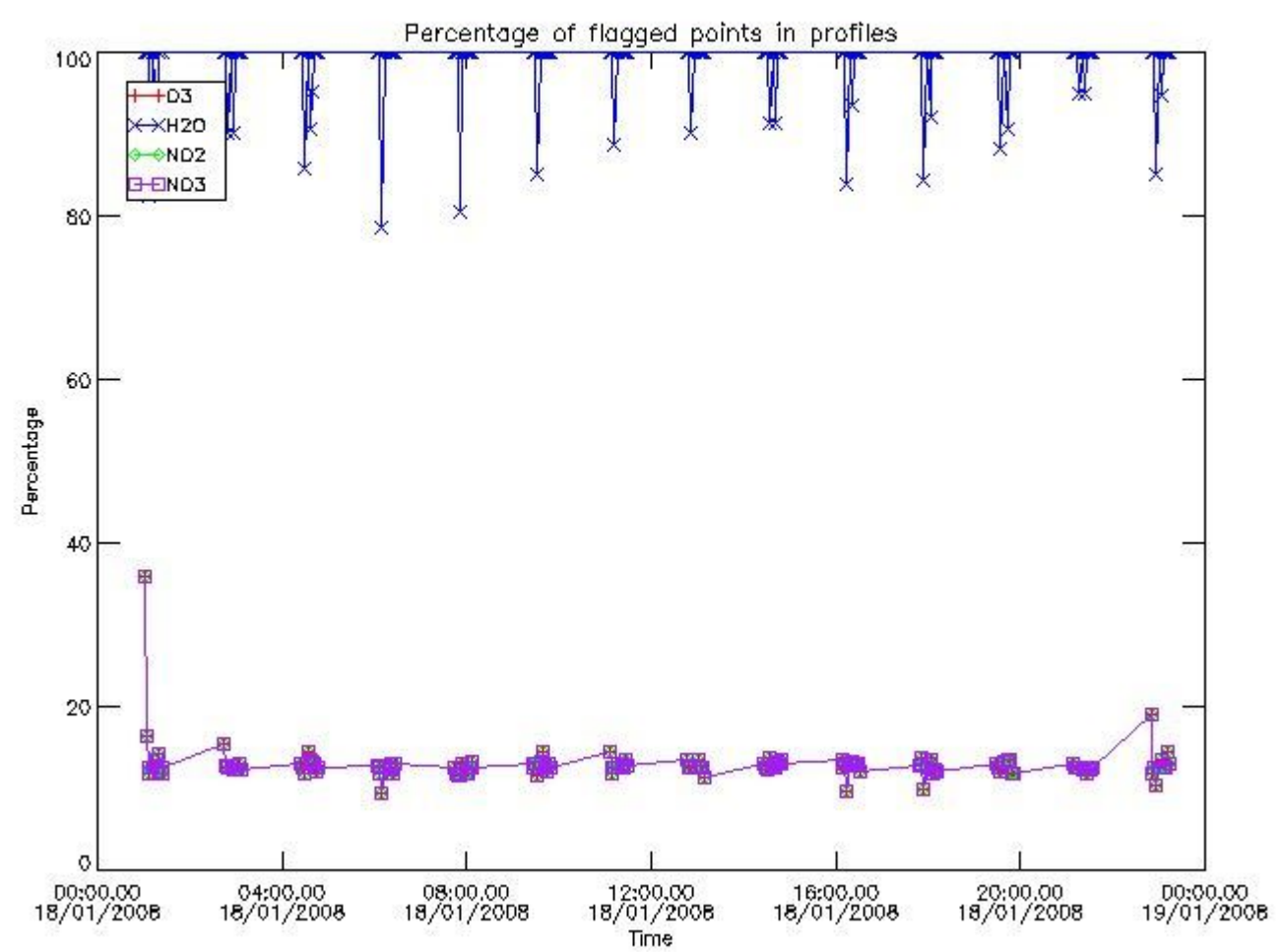


397	GOM_NL__2PRFIN20080118_224007_000000542065_00158_30773_9135.N1	18-JAN-2008 22:40:07	Bright	53.500	98	13Zet Oph	2.5710	30000.	107	30773	No
398	GOM_NL__2PRFIN20080118_224436_000000532065_00158_30773_9136.N1	18-JAN-2008 22:44:36	Twilight	53.000	16	21Alp Sco	1.0200	3000.0	106	30773	No
399	GOM_NL__2PRFIN20080118_224612_000000432065_00158_30773_9137.N1	18-JAN-2008 22:46:12	Twilight	43.000	75	26Eps Sco	2.2910	4250.0	86	30773	No
400	GOM_NL__2PRFIN20080118_224957_000000382065_00158_30773_9138.N1	18-JAN-2008 22:49:57	Dark	37.500	131	Gam Lup	2.8000	26000.	75	30773	No
401	GOM_NL__2PRFIN20080118_225147_000000442065_00158_30773_9139.N1	18-JAN-2008 22:51:47	Dark	43.500	109	Bet Lup	2.6770	26000.	87	30773	No
402	GOM_NL__2PRFIN20080118_225318_000000412065_00158_30773_9140.N1	18-JAN-2008 22:53:18	Dark	40.500	78	Alp Lup	2.3040	28000.	81	30773	No
403	GOM_NL__2PRFIN20080118_225544_000000542065_00159_30774_9124.N1	18-JAN-2008 22:55:44	Dark	54.000	4	Alp1Cen	-0.010000	5800.0	108	30774	No
404	GOM_NL__2PRFIN20080118_230038_000000412065_00159_30774_9125.N1	18-JAN-2008 23:00:38	Dark	40.500	129	Del Cru	2.7930	26000.	81	30774	No
405	GOM_NL__2PRFIN20080118_230437_000000382065_00159_30774_9126.N1	18-JAN-2008 23:04:37	Dark	37.500	29	Bet Car	1.6720	10200.	75	30774	No
406	GOM_NL__2PRFIN20080118_230638_000000412065_00159_30774_9127.N1	18-JAN-2008 23:06:38	Dark	40.500	71	lot Car	2.2460	7700.0	81	30774	No
407	GOM_NL__2PRFIN20080118_230829_000000412065_00159_30774_9128.N1	18-JAN-2008 23:08:29	Dark	40.500	46	Del Vel	1.9540	10600.	81	30774	No
408	GOM_NL__2PRFIN20080118_231110_000000422065_00159_30774_9129.N1	18-JAN-2008 23:11:10	Dark	42.000	34	Gam2Vel	1.7930	23000.	84	30774	No
409	GOM_NL__2PRFIN20080118_231318_000000402065_00159_30774_9130.N1	18-JAN-2008 23:13:18	Dark	39.500	70	Zet Pup	2.2460	39000.	79	30774	No
410	GOM_NL__2PRFIN20080118_231454_000000402065_00159_30774_9131.N1	18-JAN-2008 23:14:54	Straylight	39.500	117	Pi Pup	2.7060	3800.0	79	30774	No
411	GOM_NL__2PRFIN20080118_231726_000000422065_00159_30774_9132.N1	18-JAN-2008 23:17:26	Straylight	42.000	23	21Eps CMa	1.5020	26000.	84	30774	No
412	GOM_NL__2PRFIN20080118_231850_000000402065_00159_30774_9133.N1	18-JAN-2008 23:18:50	Straylight	39.500	179	24Omi2CMa	3.0320	24000.	79	30774	No
413	GOM_NL__2PRFIN20080118_232102_000000482065_00159_30774_9134.N1	18-JAN-2008 23:21:02	Straylight	47.500	1	9Alp CMa	-1.4400	11000.	95	30774	No
414	GOM_NL__2PRFIN20080118_232333_000000392065_00159_30774_9135.N1	18-JAN-2008 23:23:33	Straylight	38.500	56	53Kap Ori	2.0650	30000.	77	30774	No
415	GOM_NL__2PRFIN20080118_232545_000000432065_00159_30774_9136.N1	18-JAN-2008 23:25:45	Twilight	43.000	33	50Zet Ori	1.7660	30000.	86	30774	No
416	GOM_NL__2PRFIN20080118_232811_000000522065_00159_30774_9137.N1	18-JAN-2008 23:28:11	Twilight	52.000	14	58Alp Ori	0.87000	3000.0	104	30774	No
417	GOM_NL__2PRFIN20080118_233034_000000492065_00159_30774_9138.N1	18-JAN-2008 23:30:34	Bright	49.000	44	24Gam Gem	1.9280	11000.	98	30774	No
418	GOM_NL__2PRFIN20080118_233218_000000412065_00159_30774_9139.N1	18-JAN-2008 23:32:18	Bright	40.500	151	13Mu Gem	2.8900	3000.0	81	30774	No
419	GOM_NL__2PRFIN20080118_233419_000000382065_00159_30774_9140.N1	18-JAN-2008 23:34:19	Bright	38.000	28	12Bet Tau	1.6500	15200.	76	30774	No
420	GOM_NL__2PRFIN20080118_233628_000000372065_00159_30774_9141.N1	18-JAN-2008 23:36:28	Bright	36.500	107	37The Aur	2.6490	11000.	73	30774	No
421	GOM_NL__2PRFIN20080118_233839_000000342065_00159_30774_9142.N1	18-JAN-2008 23:38:39	Bright	34.000	42	34Bet Aur	1.9000	10200.	68	30774	No
422	GOM_NL__2PRFIN20080118_235113_000000332065_00159_30774_9143.N1	18-JAN-2008 23:51:13	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	30774	No
423	GOM_NL__2PRFIN20080118_235927_000000392065_00159_30774_9144.N1	18-JAN-2008 23:59:27	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	30774	No

### 3. Quality information per product

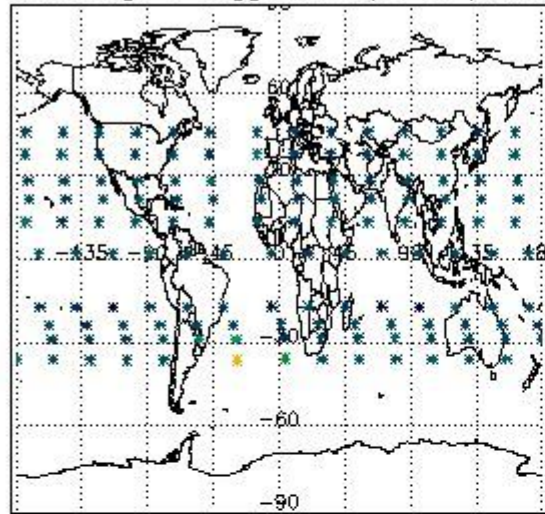
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

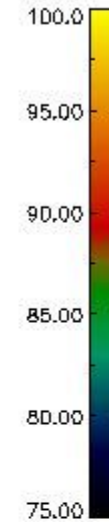
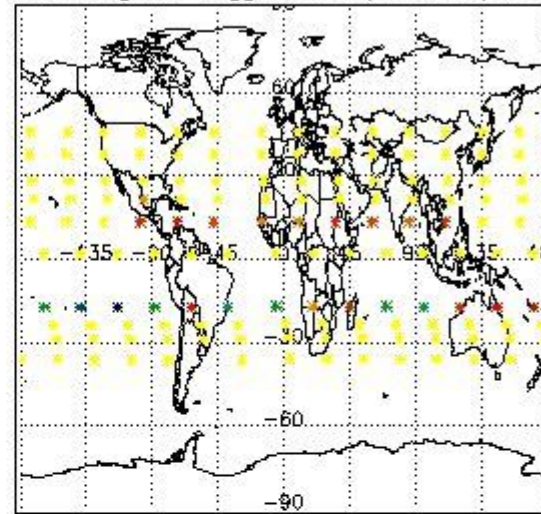


3.2 Plot quality information per product (world map)

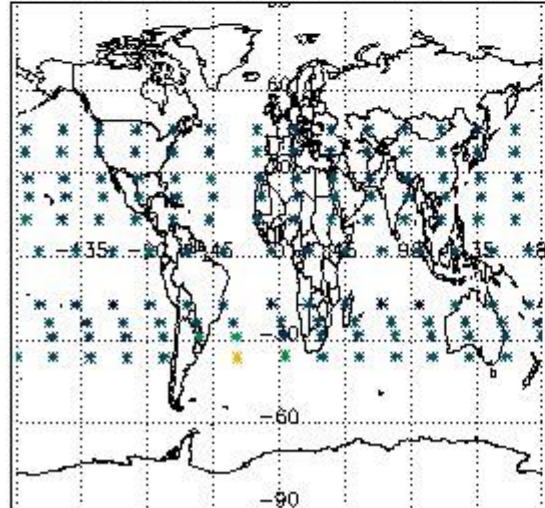
Percentage of flagged data per O3 profile



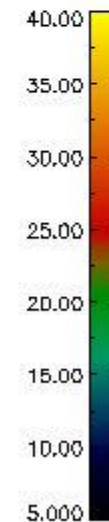
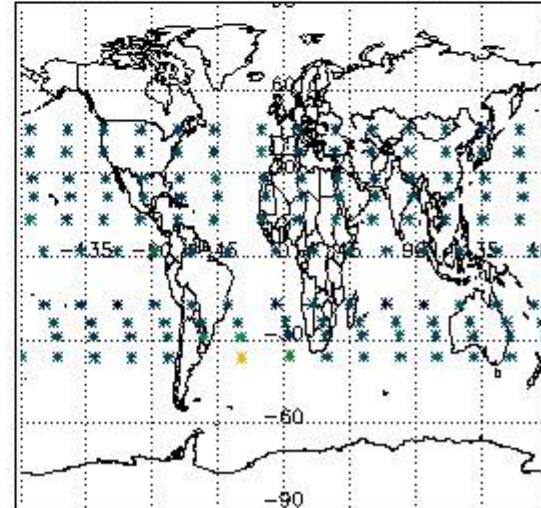
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



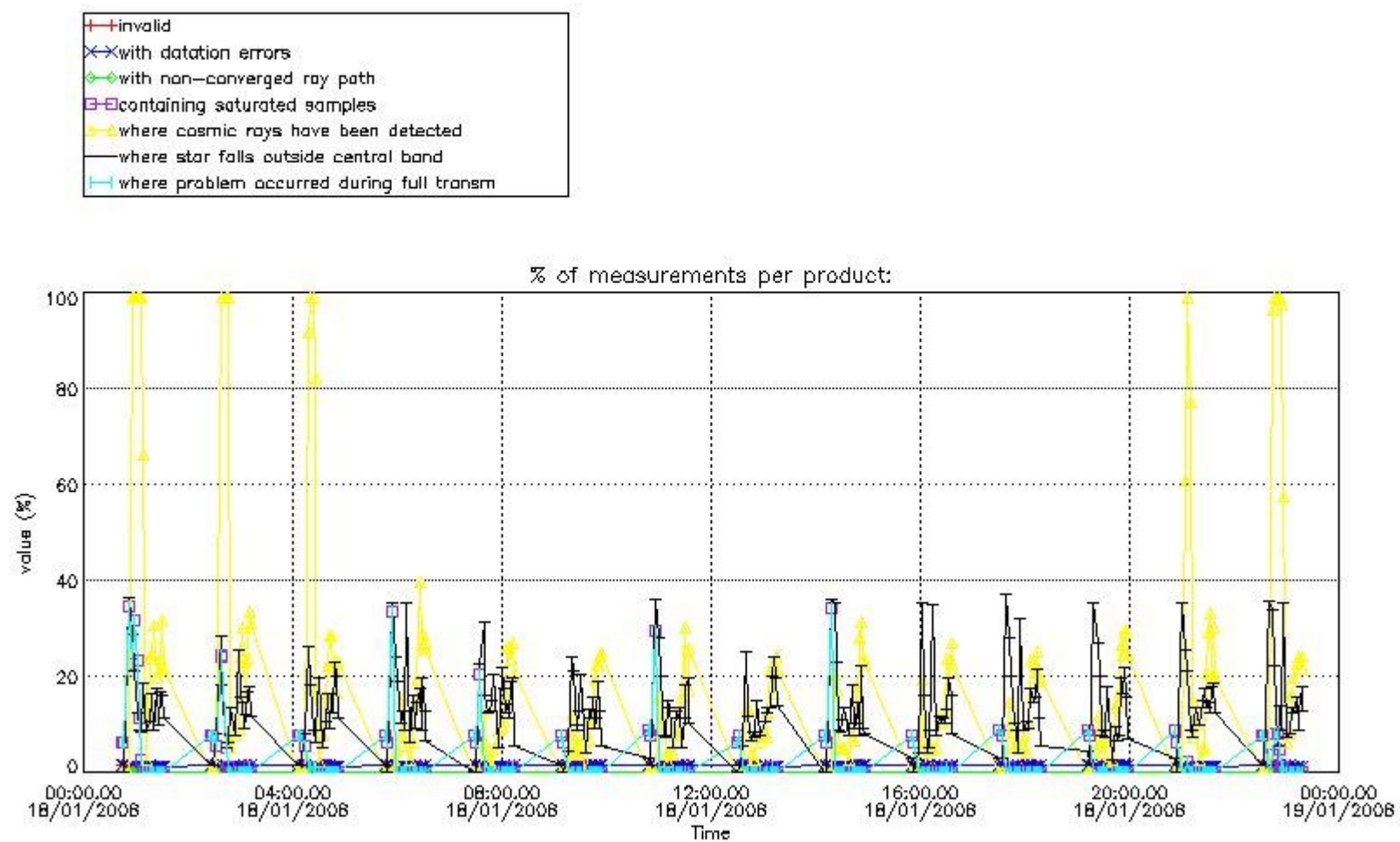
#### 4. Level 1 quality information per product

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.

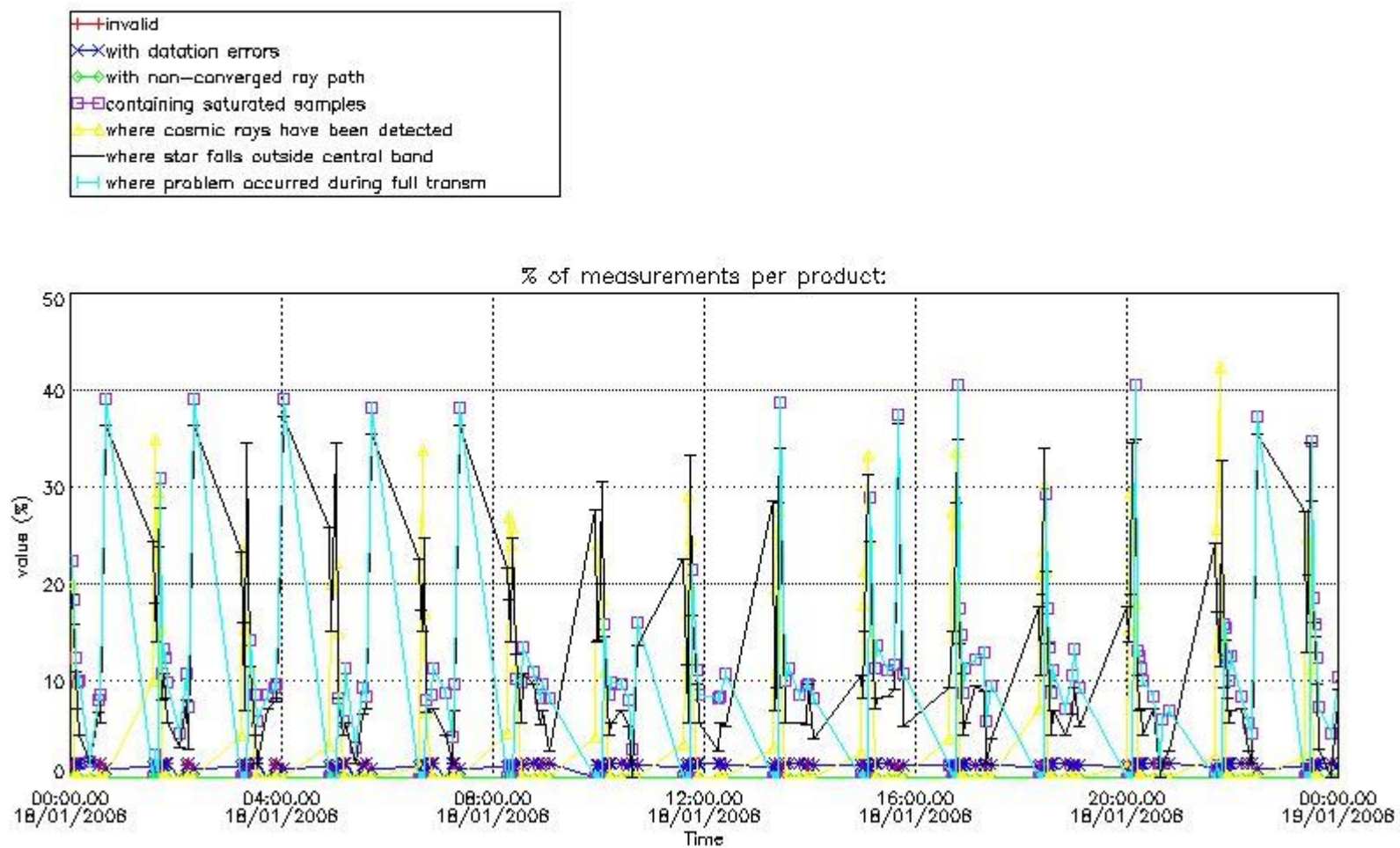
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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





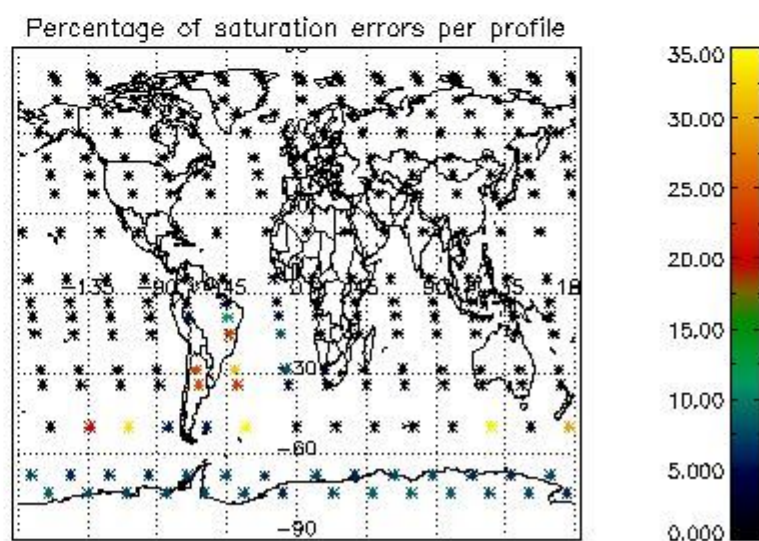
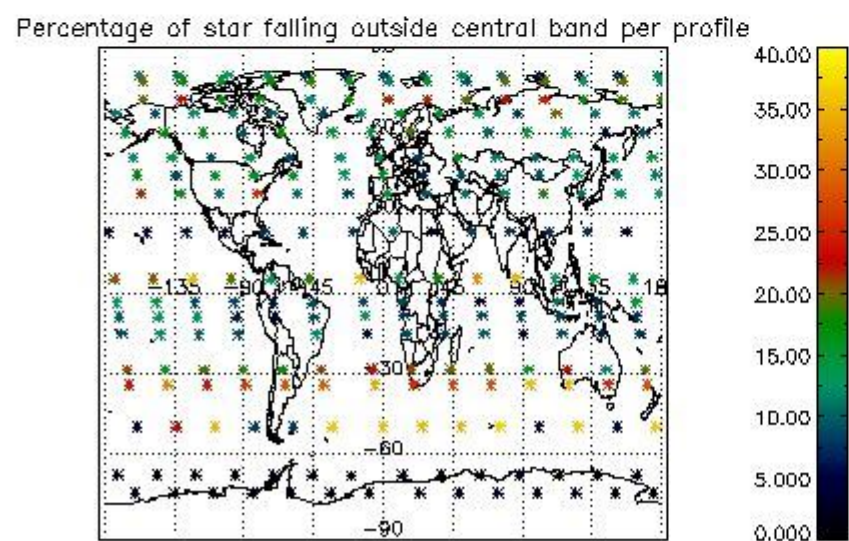
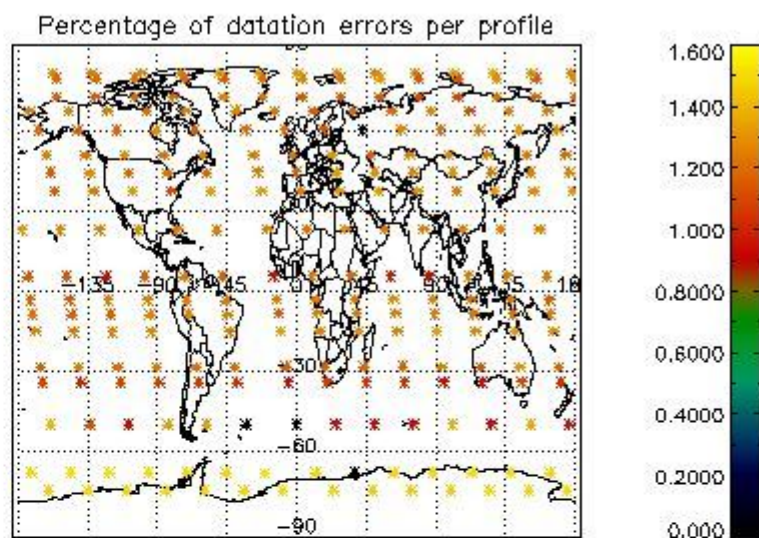
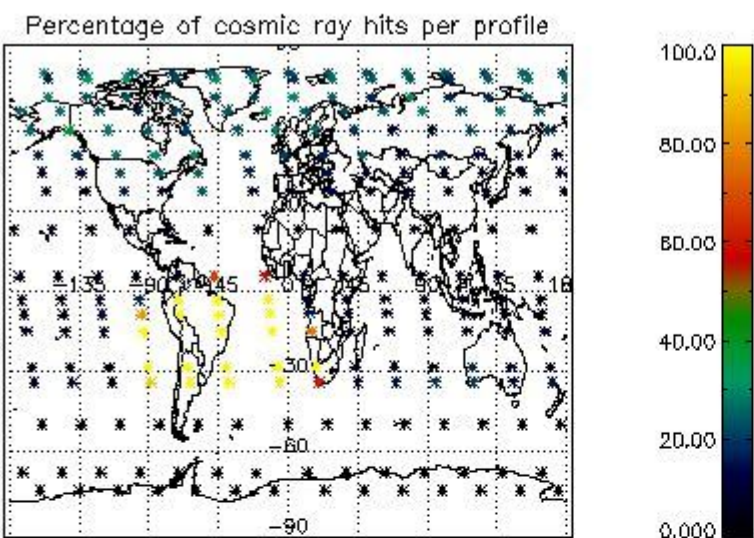
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



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

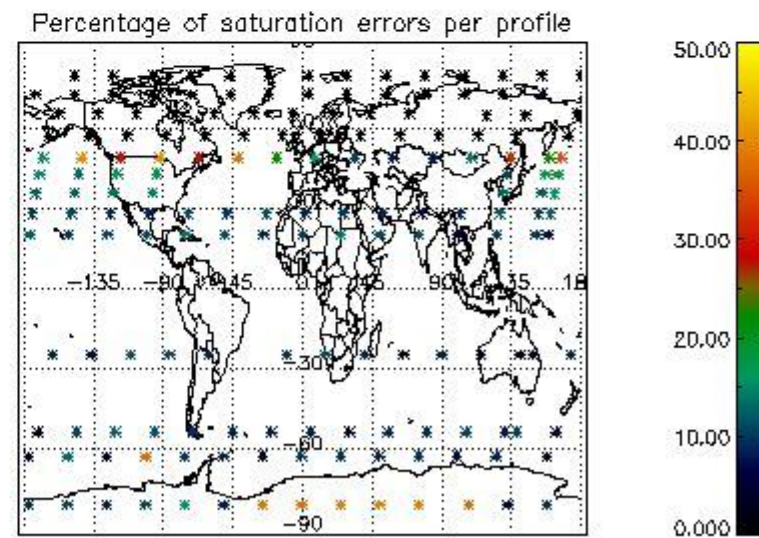
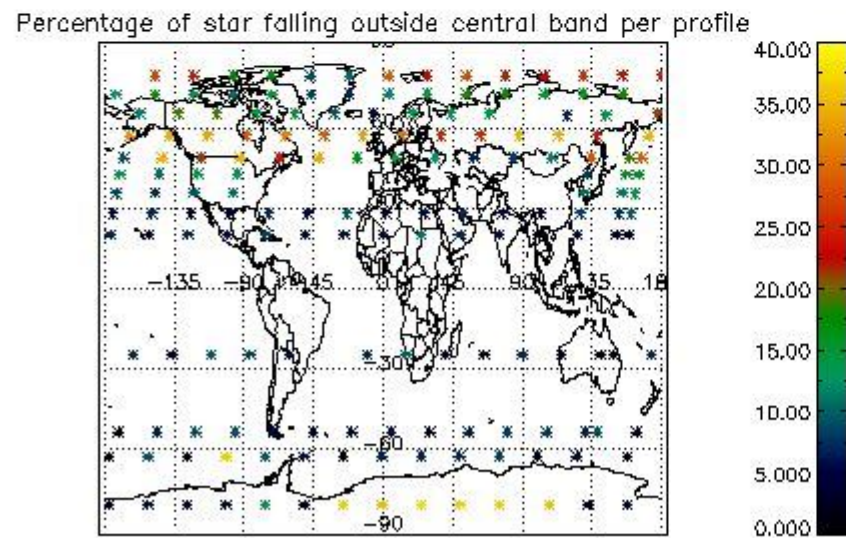
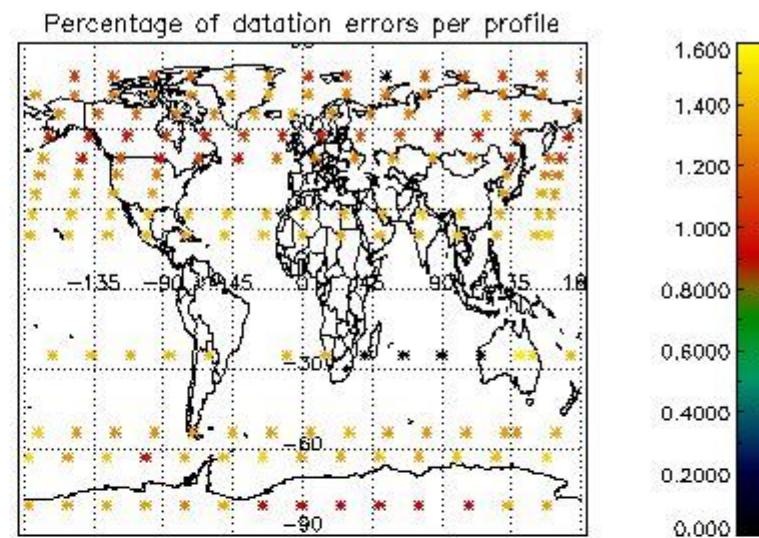
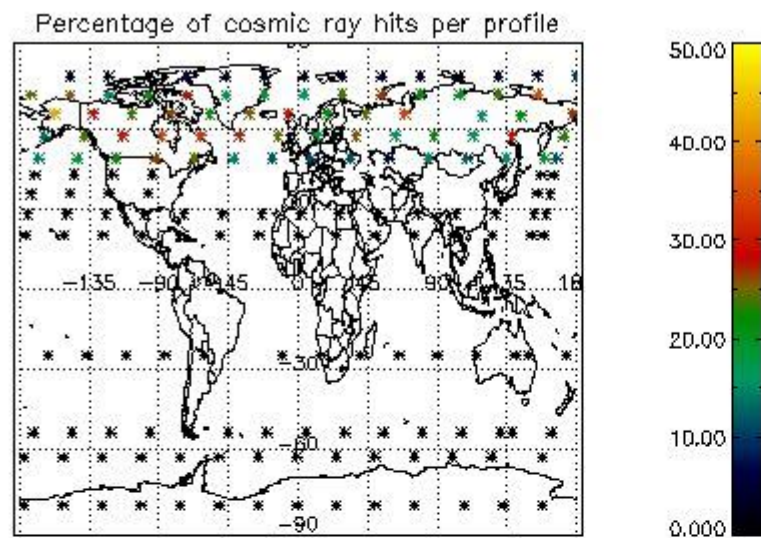
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes





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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

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

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

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

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

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

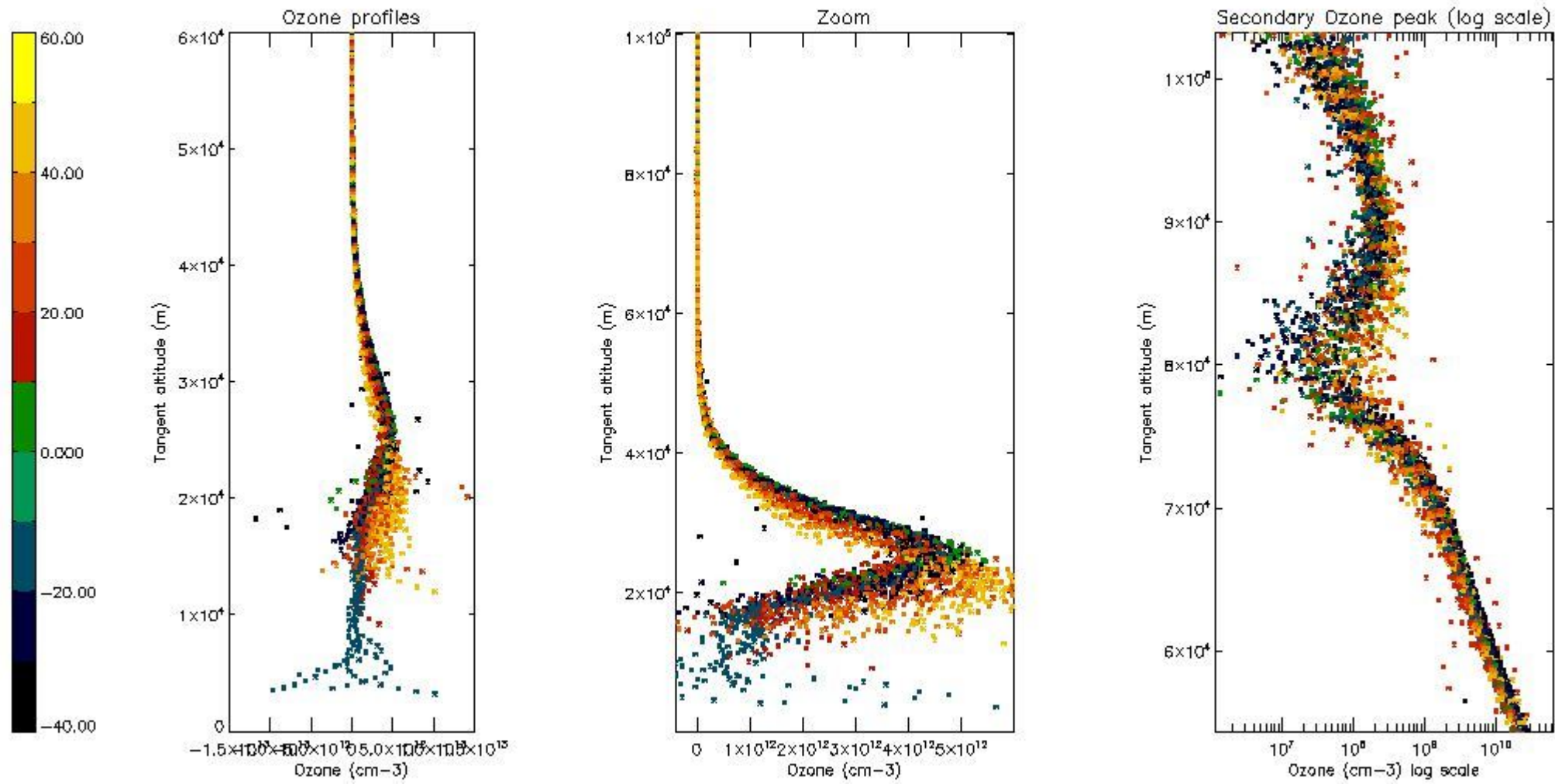
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	34
STD < 20	21

STD < 10	18
STD < 5	13

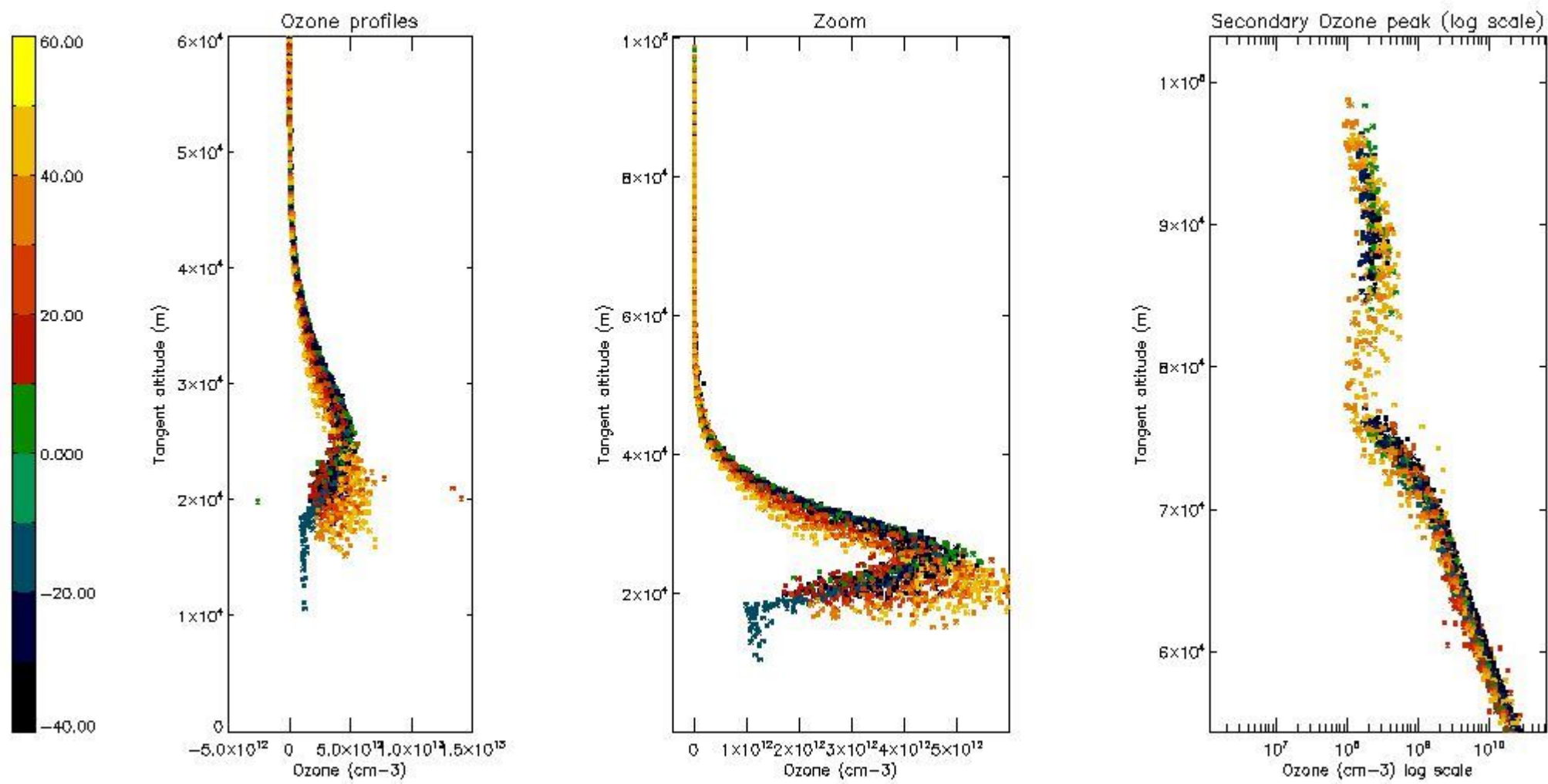
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

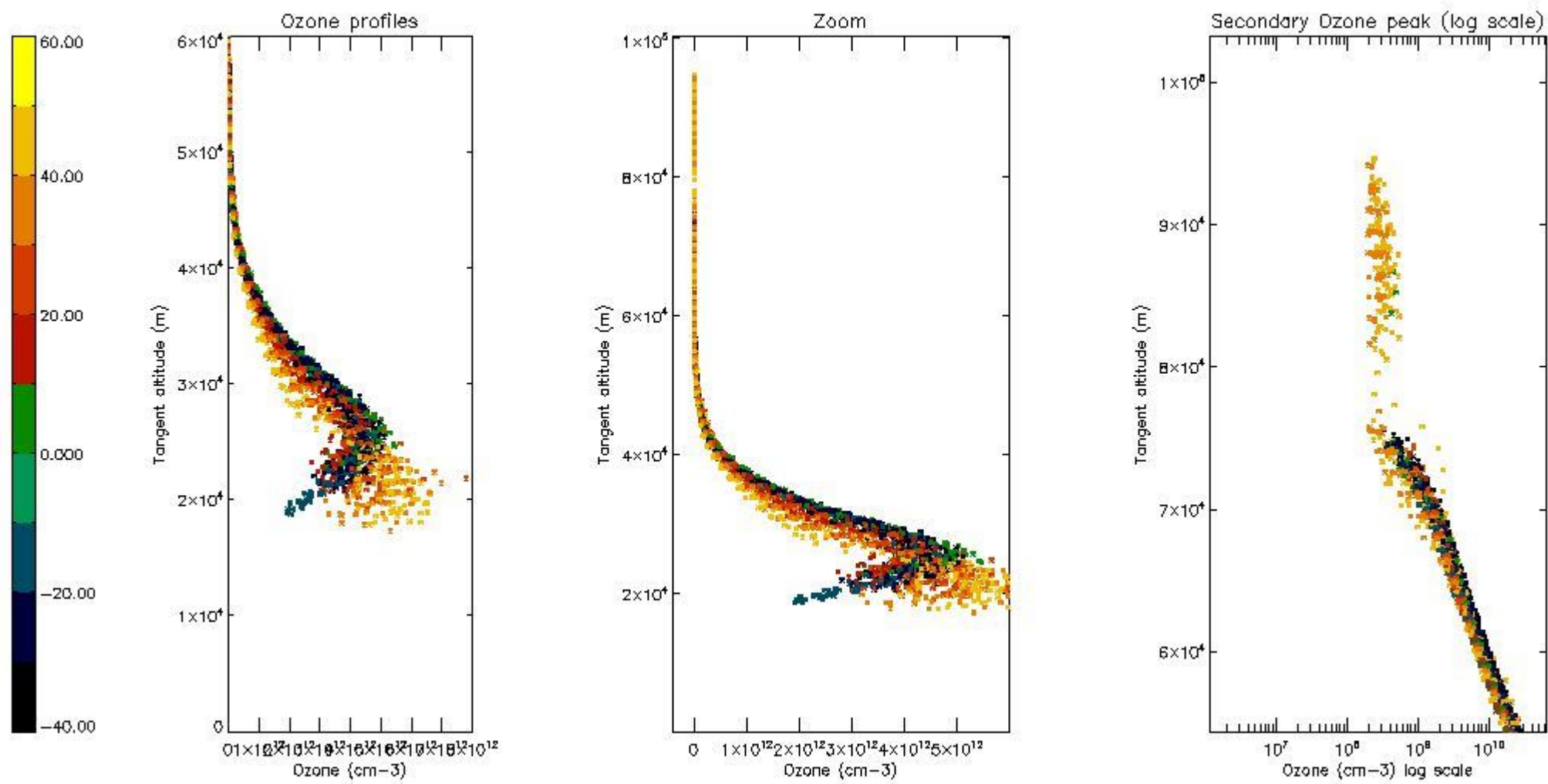
The colorbar represents the latitude.



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

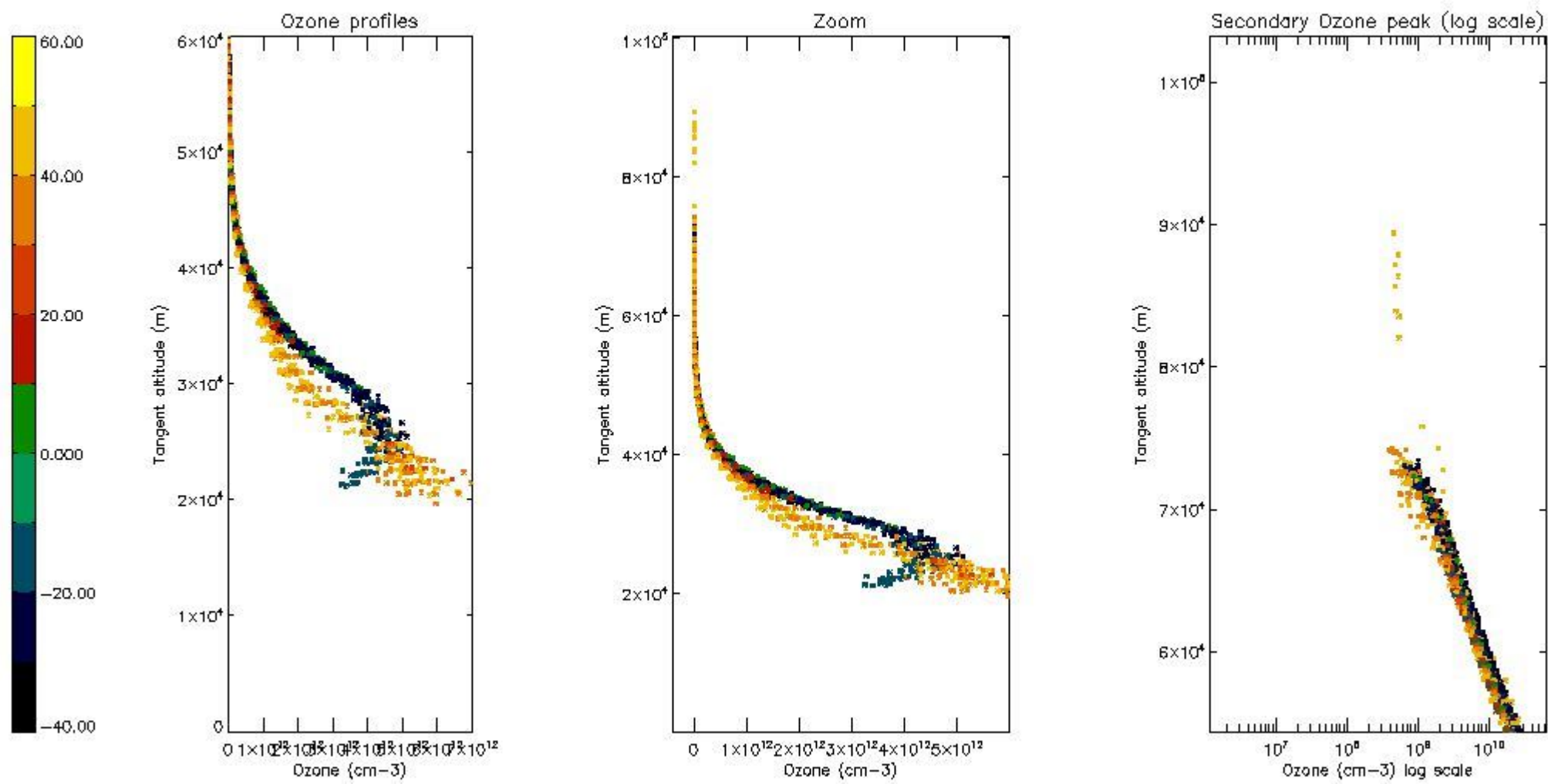
The colorbar represents the latitude.





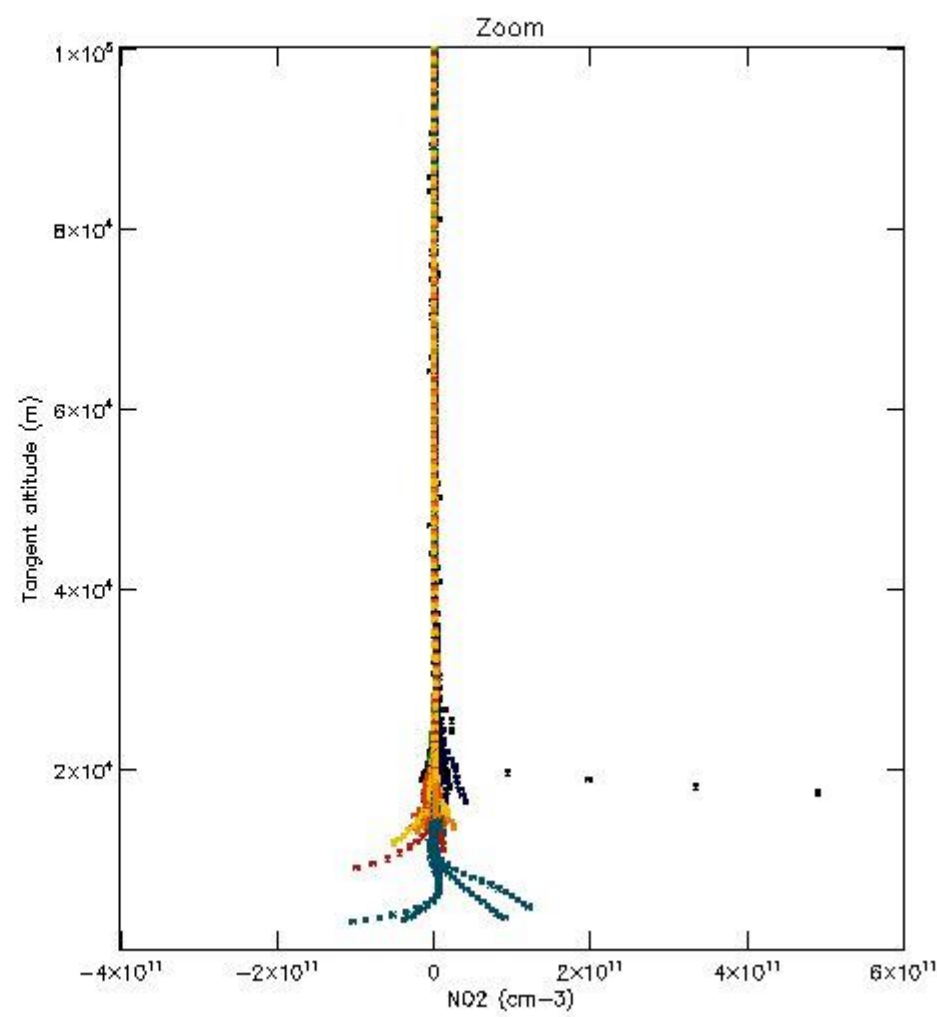
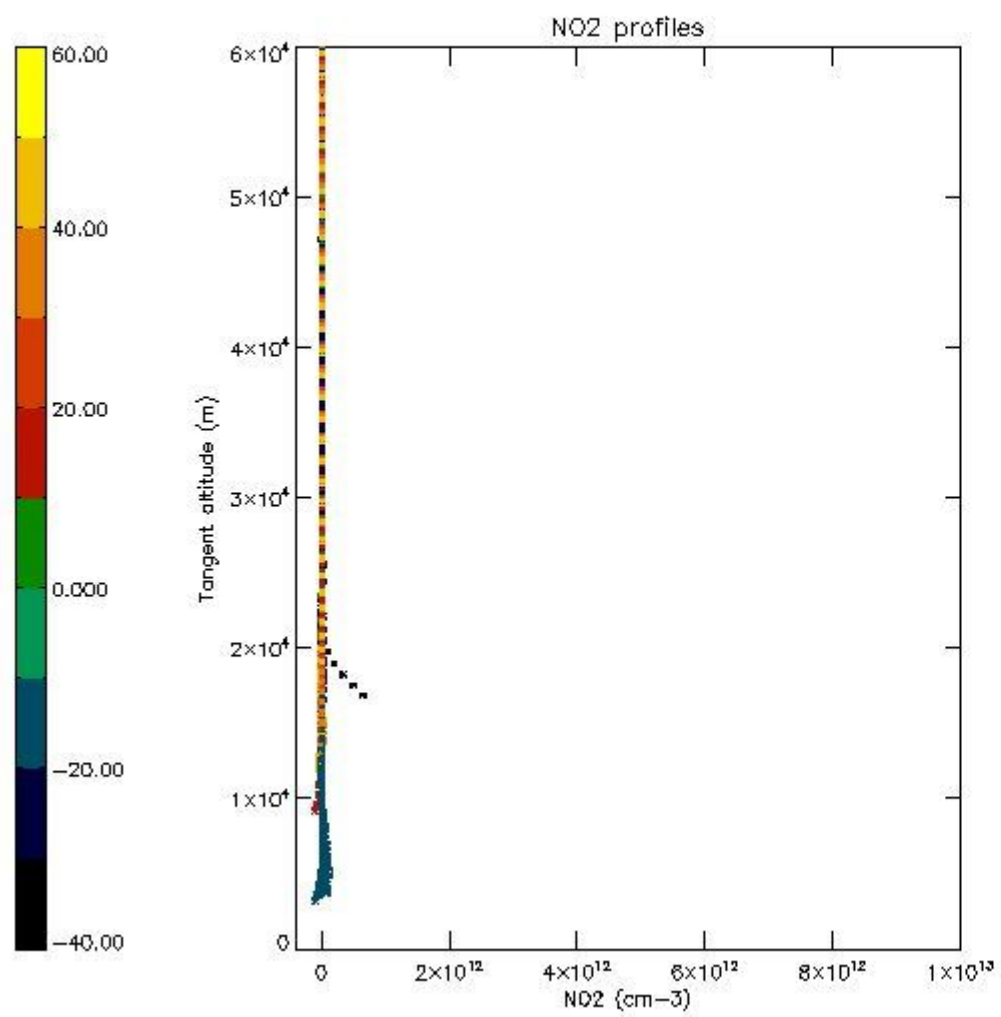
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



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

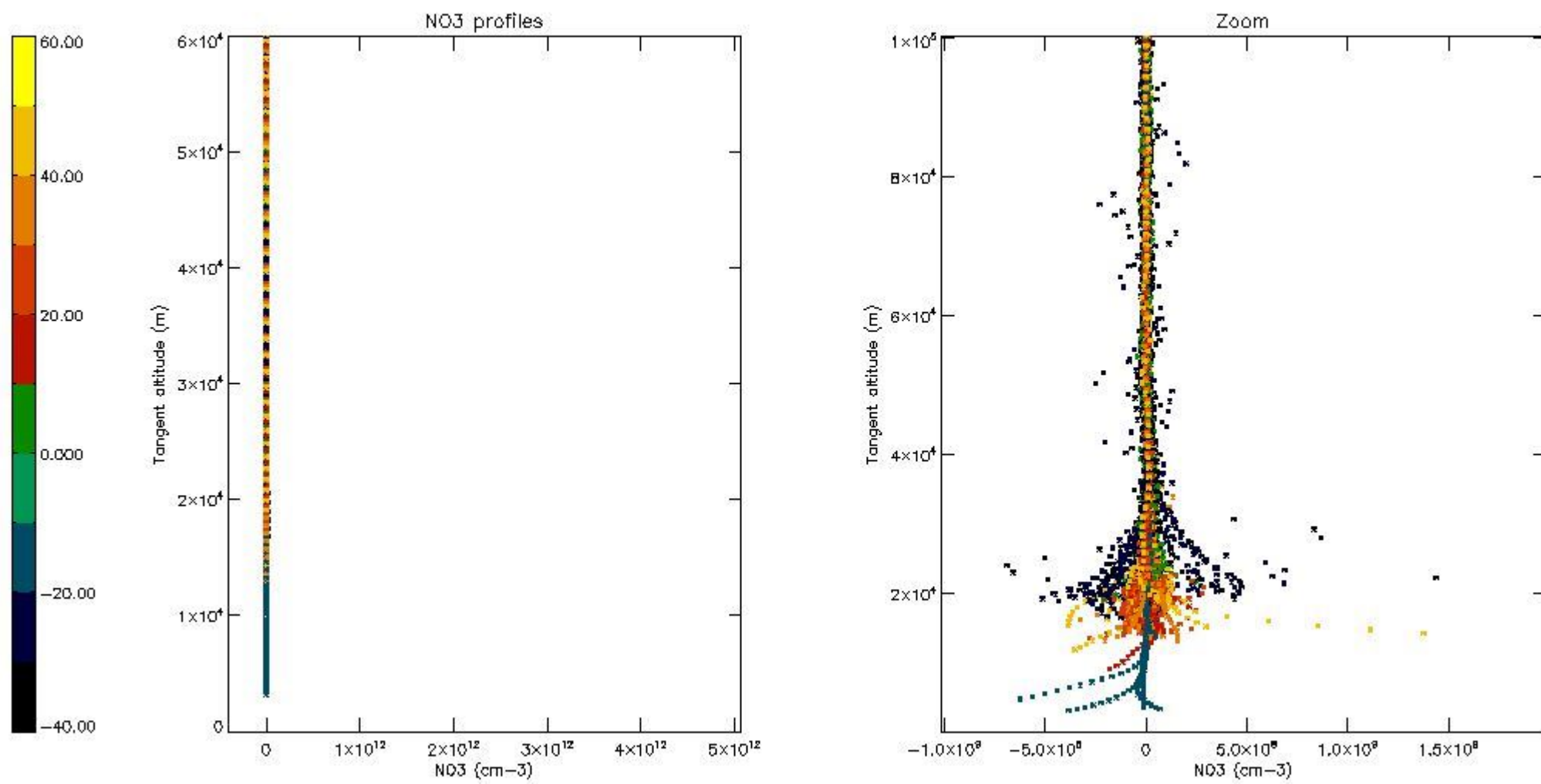
The colorbar represents the latitude.



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

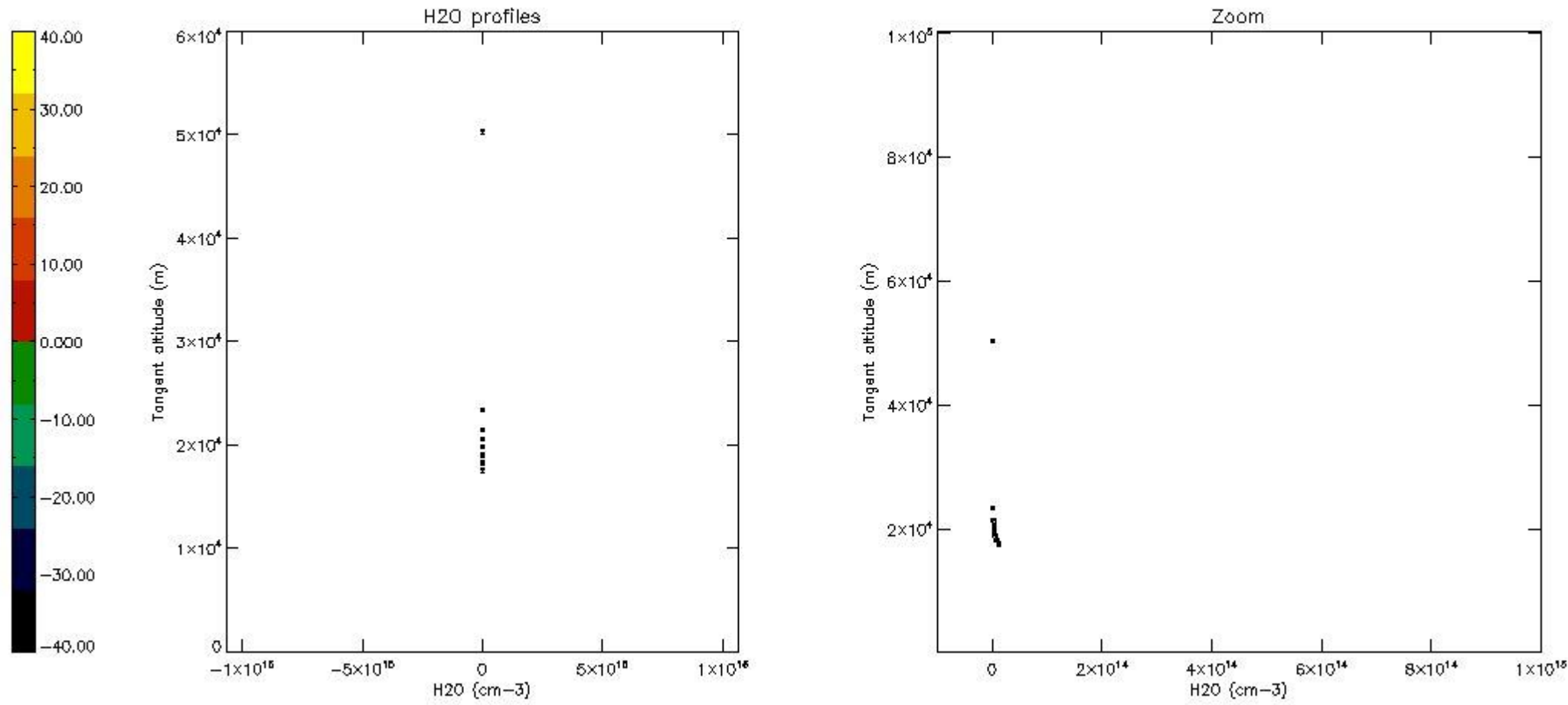
The colorbar represents the latitude.





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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	18-JAN-2008 00:02:11
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	18-JAN-2008 00:02:11
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	18-JAN-2008 00:02:11

# GOMOS Level 2 Daily Report

## SUMMARY

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

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

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

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

#### [3.2 Plot of level 2 quality information per product \(world map\)](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



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

Item	Value
Time of report generation	25APR2013 08:57:45
Data source version	GOMOS/6.01
Start time of products	18-01-2008 (18JAN2008 00:00:00)
Stop time of products	19-01-2008 (19JAN2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	423
Nb of prods with errors	1

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

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20080118_000211_000000432065_00145_30760_8916.N1	18-JAN-2008 00:02:11	Bright	42.500	44	24Gam Gem	1.9280	11000.	85	30760	No
2	GOM_NL__2PRFIN20080118_000355_000000412065_00145_30760_8917.N1	18-JAN-2008 00:03:55	Bright	41.000	151	13Mu Gem	2.8900	3000.0	82	30760	No
3	GOM_NL__2PRFIN20080118_000554_000000372065_00145_30760_8918.N1	18-JAN-2008 00:05:54	Bright	36.500	28	12Bet Tau	1.6500	15200.	73	30760	No
4	GOM_NL__2PRFIN20080118_000805_000000362065_00145_30760_8919.N1	18-JAN-2008 00:08:05	Bright	35.500	107	37The Aur	2.6490	11000.	71	30760	No
5	GOM_NL__2PRFIN20080118_001016_000000352065_00145_30760_8920.N1	18-JAN-2008 00:10:16	Bright	35.000	42	34Bet Aur	1.9000	10200.	70	30760	No
6	GOM_NL__2PRFIN20080118_002250_000000322065_00145_30760_8921.N1	18-JAN-2008 00:22:50	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	30760	No
7	GOM_NL__2PRFIN20080118_003104_000000382065_00145_30760_8922.N1	18-JAN-2008 00:31:04	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	30760	No
8	GOM_NL__2PRFIN20080118_003343_000000352065_00145_30760_8923.N1	18-JAN-2008 00:33:43	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	30760	No
9	GOM_NL__2PRFIN20080118_004002_000000552065_00145_30760_8924.N1	18-JAN-2008 00:40:02	Bright	55.000	133	40Zet Her	2.8070	6000.0	110	30760	No
10	GOM_NL__2PRFIN20080118_004452_000000332065_00145_30760_8925.N1	18-JAN-2008 00:44:52	Bright	33.000	59	55Alp Oph	2.0800	8900.0	66	30760	No
11	GOM_NL__2PRFIN20080118_004659_000000332065_00145_30760_8926.N1	18-JAN-2008 00:46:59	Bright	33.000	126	60Bet Oph	2.7700	4250.0	66	30760	No
12	GOM_NL__2PRFIN20080118_005215_000000542065_00145_30760_8927.N1	18-JAN-2008 00:52:15	Bright	53.500	98	13Zet Oph	2.5710	30000.	107	30760	No
13	GOM_NL__2PRFIN20080118_005643_000000492065_00145_30760_8928.N1	18-JAN-2008 00:56:43	Twilight	48.500	16	21Alp Sco	1.0200	3000.0	97	30760	No
14	GOM_NL__2PRFIN20080118_005821_000000432065_00145_30760_8929.N1	18-JAN-2008 00:58:21	Twilight	42.500	75	26Eps Sco	2.2910	4250.0	85	30760	No
15	GOM_NL__2PRFIN20080118_010202_000000412065_00145_30760_8930.N1	18-JAN-2008 01:02:02	Dark	41.000	131	Gam Lup	2.8000	26000.	82	30760	No
16	GOM_NL__2PRFIN20080118_010351_000000412065_00145_30760_8931.N1	18-JAN-2008 01:03:51	Dark	40.500	109	Bet Lup	2.6770	26000.	81	30760	No
17	GOM_NL__2PRFIN20080118_010522_000000412065_00145_30760_8932.N1	18-JAN-2008 01:05:22	Dark	41.000	78	Alp Lup	2.3040	28000.	82	30760	No
18	GOM_NL__2PRFIN20080118_010751_000000432065_00146_30761_8923.N1	18-JAN-2008 01:07:51	Dark	43.000	4	Alp1Cen	-0.010000	5800.0	86	30761	No
19	GOM_NL__2PRFIN20080118_011243_000000412065_00146_30761_8924.N1	18-JAN-2008 01:12:43	Dark	40.500	129	Del Cru	2.7930	26000.	81	30761	No
20	GOM_NL__2PRFIN20080118_011646_000000382065_00146_30761_8925.N1	18-JAN-2008 01:16:46	Dark	38.000	29	Bet Car	1.6720	10200.	76	30761	No
21	GOM_NL__2PRFIN20080118_011846_000000432065_00146_30761_8926.N1	18-JAN-2008 01:18:46	Dark	42.500	71	lot Car	2.2460	7700.0	85	30761	No
22	GOM_NL__2PRFIN20080118_012037_000000402065_00146_30761_8927.N1	18-JAN-2008 01:20:37	Dark	39.500	46	Del Vel	1.9540	10600.	79	30761	No
23	GOM_NL__2PRFIN20080118_012318_000000432065_00146_30761_8928.N1	18-JAN-2008 01:23:18	Dark	43.000	34	Gam2Vel	1.7930	23000.	86	30761	No
24	GOM_NL__2PRFIN20080118_012527_000000412065_00146_30761_8929.N1	18-JAN-2008 01:25:27	Dark	40.500	70	Zet Pup	2.2460	39000.	81	30761	No
25	GOM_NL__2PRFIN20080118_012704_000000422065_00146_30761_8930.N1	18-JAN-2008 01:27:04	Straylight	42.000	117	Pi Pup	2.7060	3800.0	84	30761	No
26	GOM_NL__2PRFIN20080118_012936_000000412065_00146_30761_8931.N1	18-JAN-2008 01:29:36	Straylight	41.000	23	21Eps CMa	1.5020	26000.	82	30761	No
27	GOM_NL__2PRFIN20080118_013101_000000402065_00146_30761_8932.N1	18-JAN-2008 01:31:01	Straylight	39.500	179	24Omi2CMa	3.0320	24000.	79	30761	No
28	GOM_NL__2PRFIN20080118_013313_000000452065_00146_30761_8933.N1	18-JAN-2008 01:33:13	Straylight	45.000	1	9Alp CMa	-1.4400	11000.	90	30761	No
29	GOM_NL__2PRFIN20080118_013543_000000422065_00146_30761_8934.N1	18-JAN-2008 01:35:43	Straylight	41.500	56	53Kap Ori	2.0650	30000.	83	30761	No
30	GOM_NL__2PRFIN20080118_013811_000000402065_00146_30761_8935.N1	18-JAN-2008 01:38:11	Twilight	39.500	30	46Eps Ori	1.6940	30000.	79	30761	No
31	GOM_NL__2PRFIN20080118_014023_000000442065_00146_30761_8936.N1	18-JAN-2008 01:40:23	Twilight	44.000	14	58Alp Ori	0.87000	3000.0	88	30761	No
32	GOM_NL__2PRFIN20080118_014247_000000492065_00146_30761_8937.N1	18-JAN-2008 01:42:47	Bright	48.500	44	24Gam Gem	1.9280	11000.	97	30761	No
33	GOM_NL__2PRFIN20080118_014431_000000382065_00146_30761_8938.N1	18-JAN-2008 01:44:31	Bright	37.500	151	13Mu Gem	2.8900	3000.0	75	30761	No
34	GOM_NL__2PRFIN20080118_014630_000000382065_00146_30761_8939.N1	18-JAN-2008 01:46:30	Bright	37.500	28	12Bet Tau	1.6500	15200.	75	30761	No
35	GOM_NL__2PRFIN20080118_014841_000000372065_00146_30761_8940.N1	18-JAN-2008 01:48:41	Bright	36.500	107	37The Aur	2.6490	11000.	73	30761	No
36	GOM_NL__2PRFIN20080118_015052_000000362065_00146_30761_8941.N1	18-JAN-2008 01:50:52	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	30761	No
37	GOM_NL__2PRFIN20080118_020325_000000332065_00146_30761_8942.N1	18-JAN-2008 02:03:25	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	30761	No
38	GOM_NL__2PRFIN20080118_021140_000000382065_00146_30761_8943.N1	18-JAN-2008 02:11:40	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	30761	No
39	GOM_NL__2PRFIN20080118_021419_000000352065_00146_30761_8944.N1	18-JAN-2008 02:14:19	Bright	34.500	130	23Bet Dra	2.7990	5800.0	69	30761	No
40	GOM_NL__2PRFIN20080118_022038_000000552065_00146_30761_8945.N1	18-JAN-2008 02:20:38	Bright	55.000	133	40Zet Her	2.8070	6000.0	110	30761	No
41	GOM_NL__2PRFIN20080118_022528_000000342065_00146_30761_8946.N1	18-JAN-2008 02:25:28	Bright	33.500	59	55Alp Oph	2.0800	8900.0	67	30761	No
42	GOM_NL__2PRFIN20080118_022735_000000342065_00146_30761_8947.N1	18-JAN-2008 02:27:35	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	30761	No

43	GOM_NL__2PRFIN20080118_023251_000000382065_00146_30761_8948.N1	18-JAN-2008 02:32:51	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	30761	No
44	GOM_NL__2PRFIN20080118_023719_000000482065_00146_30761_8949.N1	18-JAN-2008 02:37:19	Twilight	47.500	16	21Alp Sco	1.0200	3000.0	95	30761	No
45	GOM_NL__2PRFIN20080118_023857_000000422065_00146_30761_8950.N1	18-JAN-2008 02:38:57	Twilight	41.500	75	26Eps Sco	2.2910	4250.0	83	30761	No
46	GOM_NL__2PRFIN20080118_024428_000000402065_00146_30761_8951.N1	18-JAN-2008 02:44:28	Dark	39.500	109	Bet Lup	2.6770	26000.	79	30761	No
47	GOM_NL__2PRFIN20080118_024559_000000402065_00146_30761_8952.N1	18-JAN-2008 02:45:59	Dark	40.000	78	Alp Lup	2.3040	28000.	80	30761	No
48	GOM_NL__2PRFIN20080118_024827_000000412065_00147_30762_8930.N1	18-JAN-2008 02:48:27	Dark	40.500	4	Alp1Cen	-0.010000	5800.0	81	30762	No
49	GOM_NL__2PRFIN20080118_025319_000000402065_00147_30762_8931.N1	18-JAN-2008 02:53:19	Dark	40.000	129	Del Cru	2.7930	26000.	80	30762	No
50	GOM_NL__2PRFIN20080118_025723_000000462065_00147_30762_8932.N1	18-JAN-2008 02:57:23	Dark	45.500	29	Bet Car	1.6720	10200.	91	30762	No
51	GOM_NL__2PRFIN20080118_025922_000000422065_00147_30762_8933.N1	18-JAN-2008 02:59:22	Dark	41.500	71	lot Car	2.2460	7700.0	83	30762	No
52	GOM_NL__2PRFIN20080118_030113_000000422065_00147_30762_8934.N1	18-JAN-2008 03:01:13	Dark	41.500	46	Del Vel	1.9540	10600.	83	30762	No
53	GOM_NL__2PRFIN20080118_030355_000000392065_00147_30762_8935.N1	18-JAN-2008 03:03:55	Dark	39.000	34	Gam2Vel	1.7930	23000.	78	30762	No
54	GOM_NL__2PRFIN20080118_030603_000000422065_00147_30762_8936.N1	18-JAN-2008 03:06:03	Dark	41.500	70	Zet Pup	2.2460	39000.	83	30762	No
55	GOM_NL__2PRFIN20080118_030740_000000422065_00147_30762_8937.N1	18-JAN-2008 03:07:40	Straylight	42.000	117	Pi Pup	2.7060	3800.0	84	30762	No
56	GOM_NL__2PRFIN20080118_031012_000000422065_00147_30762_8938.N1	18-JAN-2008 03:10:12	Straylight	42.000	23	21Eps CMa	1.5020	26000.	84	30762	No
57	GOM_NL__2PRFIN20080118_031137_000000392065_00147_30762_8939.N1	18-JAN-2008 03:11:37	Straylight	39.000	179	24Omi2CMa	3.0320	24000.	78	30762	No
58	GOM_NL__2PRFIN20080118_031349_000000452065_00147_30762_8940.N1	18-JAN-2008 03:13:49	Straylight	45.000	1	9Alp CMa	-1.4400	11000.	90	30762	No
59	GOM_NL__2PRFIN20080118_031619_000000412065_00147_30762_8941.N1	18-JAN-2008 03:16:19	Straylight	40.500	56	53Kap Ori	2.0650	30000.	81	30762	No
60	GOM_NL__2PRFIN20080118_031847_000000362065_00147_30762_8942.N1	18-JAN-2008 03:18:47	Twilight	36.000	30	46Eps Ori	1.6940	30000.	72	30762	No
61	GOM_NL__2PRFIN20080118_032059_000000522065_00147_30762_8943.N1	18-JAN-2008 03:20:59	Twilight	52.000	14	58Alp Ori	0.87000	3000.0	104	30762	No
62	GOM_NL__2PRFIN20080118_032323_000000392065_00147_30762_8944.N1	18-JAN-2008 03:23:23	Bright	39.000	44	24Gam Gem	1.9280	11000.	78	30762	No
63	GOM_NL__2PRFIN20080118_032917_000000352065_00147_30762_8945.N1	18-JAN-2008 03:29:17	Bright	35.000	107	37The Aur	2.6490	11000.	70	30762	No
64	GOM_NL__2PRFIN20080118_033128_000000342065_00147_30762_8946.N1	18-JAN-2008 03:31:28	Bright	34.000	42	34Bet Aur	1.9000	10200.	68	30762	No
65	GOM_NL__2PRFIN20080118_034401_000000352065_00147_30762_8947.N1	18-JAN-2008 03:44:01	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	30762	No
66	GOM_NL__2PRFIN20080118_035216_000000382065_00147_30762_8948.N1	18-JAN-2008 03:52:16	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	30762	No
67	GOM_NL__2PRFIN20080118_035455_000000372065_00147_30762_8949.N1	18-JAN-2008 03:54:55	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	30762	No
68	GOM_NL__2PRFIN20080118_040114_000000552065_00147_30762_8950.N1	18-JAN-2008 04:01:14	Bright	55.000	133	40Zet Her	2.8070	6000.0	110	30762	No
69	GOM_NL__2PRFIN20080118_040604_000000342065_00147_30762_8951.N1	18-JAN-2008 04:06:04	Bright	33.500	59	55Alp Oph	2.0800	8900.0	67	30762	No
70	GOM_NL__2PRFIN20080118_040811_000000342065_00147_30762_8952.N1	18-JAN-2008 04:08:11	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	30762	No
71	GOM_NL__2PRFIN20080118_041328_000000382065_00147_30762_8953.N1	18-JAN-2008 04:13:28	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	30762	No
72	GOM_NL__2PRFIN20080118_041756_000000482065_00147_30762_8954.N1	18-JAN-2008 04:17:56	Twilight	47.500	16	21Alp Sco	1.0200	3000.0	95	30762	No
73	GOM_NL__2PRFIN20080118_041934_000000412065_00147_30762_8955.N1	18-JAN-2008 04:19:34	Twilight	41.000	75	26Eps Sco	2.2910	4250.0	82	30762	No
74	GOM_NL__2PRFIN20080118_042316_000000402065_00147_30762_8956.N1	18-JAN-2008 04:23:16	Dark	39.500	131	Gam Lup	2.8000	26000.	79	30762	No
75	GOM_NL__2PRFIN20080118_042505_000000402065_00147_30762_8957.N1	18-JAN-2008 04:25:05	Dark	39.500	109	Bet Lup	2.6770	26000.	79	30762	No
76	GOM_NL__2PRFIN20080118_042635_000000412065_00147_30762_8958.N1	18-JAN-2008 04:26:35	Dark	40.500	78	Alp Lup	2.3040	28000.	81	30762	No
77	GOM_NL__2PRFIN20080118_042903_000000432065_00148_30763_8942.N1	18-JAN-2008 04:29:03	Dark	43.000	4	Alp1Cen	-0.010000	5800.0	86	30763	No
78	GOM_NL__2PRFIN20080118_043356_000000392065_00148_30763_8943.N1	18-JAN-2008 04:33:56	Dark	39.000	129	Del Cru	2.7930	26000.	78	30763	No
79	GOM_NL__2PRFIN20080118_043759_000000382065_00148_30763_8944.N1	18-JAN-2008 04:37:59	Dark	38.000	29	Bet Car	1.6720	10200.	76	30763	No
80	GOM_NL__2PRFIN20080118_043958_000000432065_00148_30763_8945.N1	18-JAN-2008 04:39:58	Dark	42.500	71	lot Car	2.2460	7700.0	85	30763	No
81	GOM_NL__2PRFIN20080118_044150_000000392065_00148_30763_8946.N1	18-JAN-2008 04:41:50	Dark	39.000	46	Del Vel	1.9540	10600.	78	30763	No
82	GOM_NL__2PRFIN20080118_044431_000000432065_00148_30763_8947.N1	18-JAN-2008 04:44:31	Dark	42.500	34	Gam2Vel	1.7930	23000.	85	30763	No
83	GOM_NL__2PRFIN20080118_044639_000000412065_00148_30763_8948.N1	18-JAN-2008 04:46:39	Dark	41.000	70	Zet Pup	2.2460	39000.	82	30763	No
84	GOM_NL__2PRFIN20080118_044817_000000442065_00148_30763_8949.N1	18-JAN-2008 04:48:17	Straylight	44.000	117	Pi Pup	2.7060	3800.0	88	30763	No
85	GOM_NL__2PRFIN20080118_045048_000000432065_00148_30763_8950.N1	18-JAN-2008 04:50:48	Straylight	42.500	23	21Eps CMa	1.5020	26000.	85	30763	No
86	GOM_NL__2PRFIN20080118_045213_000000402065_00148_30763_8951.N1	18-JAN-2008 04:52:13	Straylight	39.500	179	24Omi2CMa	3.0320	24000.	79	30763	No
87	GOM_NL__2PRFIN20080118_045425_000000472065_00148_30763_8952.N1	18-JAN-2008 04:54:25	Straylight	46.500	1	9Alp CMa	-1.4400	11000.	93	30763	No
88	GOM_NL__2PRFIN20080118_045656_000000402065_00148_30763_8953.N1	18-JAN-2008 04:56:56	Straylight	40.000	56	53Kap Ori	2.0650	30000.	80	30763	No
89	GOM_NL__2PRFIN20080118_045938_000000282065_00148_30763_8954.N1	18-JAN-2008 04:59:38	Dark	27.500	30	46Eps Ori	1.6940	30000.	55	30763	Yes
90	GOM_NL__2PRFIN20080118_050135_000000522065_00148_30763_8955.N1	18-JAN-2008 05:01:35	Twilight	52.000	14	58Alp Ori	0.87000	3000.0	104	30763	No
91	GOM_NL__2PRFIN20080118_050359_000000372065_00148_30763_8956.N1	18-JAN-2008 05:03:59	Bright	37.000	44	24Gam Gem	1.9280	11000.	74	30763	No
92	GOM_NL__2PRFIN20080118_050953_000000342065_00148_30763_8957.N1	18-JAN-2008 05:09:53	Bright	34.000	107	37The Aur	2.6490	11000.	68	30763	No
93	GOM_NL__2PRFIN20080118_051204_000000362065_00148_30763_8958.N1	18-JAN-2008 05:12:04	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	30763	No
94	GOM_NL__2PRFIN20080118_052437_000000332065_00148_30763_8959.N1	18-JAN-2008 05:24:37	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	30763	No
95	GOM_NL__2PRFIN20080118_053252_000000382065_00148_30763_8960.N1	18-JAN-2008 05:32:52	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	30763	No
96	GOM_NL__2PRFIN20080118_053531_000000362065_00148_30763_8961.N1	18-JAN-2008 05:35:31	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	30763	No
97	GOM_NL__2PRFIN20080118_054150_000000552065_00148_30763_8962.N1	18-JAN-2008 05:41:50	Bright	55.000	133	40Zet Her	2.8070	6000.0	110	30763	No
98	GOM_NL__2PRFIN20080118_054640_000000342065_00148_30763_8963.N1	18-JAN-2008 05:46:40	Bright	33.500	59	55Alp Oph	2.0800	8900.0	67	30763	No
99	GOM_NL__2PRFIN20080118_054847_000000332065_00148_30763_8964.N1	18-JAN-2008 05:48:47	Bright	33.000	126	60Bet Oph	2.7700	4250.0	66	30763	No
100	GOM_NL__2PRFIN20080118_055404_000000542065_00148_30763_8965.N1	18-JAN-2008 05:54:04	Bright	54.000	98	13Zet Oph	2.5710	30000.	108	30763	No
101	GOM_NL__2PRFIN20080118_055832_000000462065_00148_30763_8966.N1	18-JAN-2008 05:58:32	Twilight	46.000	16	21Alp Sco	1.0200	3000.0	92	30763	No

102	GOM_NL__2PRFIN20080118_060010_000000422065_00148_30763_8967.N1	18-JAN-2008 06:00:10	Twilight	42.000	75	26Eps Sco	2.2910	4250.0	84	30763	No
103	GOM_NL__2PRFIN20080118_060352_000000402065_00148_30763_8968.N1	18-JAN-2008 06:03:52	Dark	40.000	131	Gam Lup	2.8000	26000.	80	30763	No
104	GOM_NL__2PRFIN20080118_060541_000000432065_00148_30763_8969.N1	18-JAN-2008 06:05:41	Dark	43.000	109	Bet Lup	2.6770	26000.	86	30763	No
105	GOM_NL__2PRFIN20080118_060712_000000412065_00148_30763_8970.N1	18-JAN-2008 06:07:12	Dark	40.500	78	Alp Lup	2.3040	28000.	81	30763	No
106	GOM_NL__2PRFIN20080118_060940_000000542065_00149_30764_8962.N1	18-JAN-2008 06:09:40	Dark	54.000	4	Alp1Cen	-0.010000	5800.0	108	30764	No
107	GOM_NL__2PRFIN20080118_061433_000000402065_00149_30764_8963.N1	18-JAN-2008 06:14:33	Dark	40.000	129	Del Cru	2.7930	26000.	80	30764	No
108	GOM_NL__2PRFIN20080118_061835_000000412065_00149_30764_8964.N1	18-JAN-2008 06:18:35	Dark	40.500	29	Bet Car	1.6720	10200.	81	30764	No
109	GOM_NL__2PRFIN20080118_062035_000000392065_00149_30764_8965.N1	18-JAN-2008 06:20:35	Dark	39.000	71	lot Car	2.2460	7700.0	78	30764	No
110	GOM_NL__2PRFIN20080118_062226_000000422065_00149_30764_8966.N1	18-JAN-2008 06:22:26	Dark	41.500	46	Del Vel	1.9540	10600.	83	30764	No
111	GOM_NL__2PRFIN20080118_062507_000000432065_00149_30764_8967.N1	18-JAN-2008 06:25:07	Dark	43.000	34	Gam2Vel	1.7930	23000.	86	30764	No
112	GOM_NL__2PRFIN20080118_062716_000000402065_00149_30764_8968.N1	18-JAN-2008 06:27:16	Dark	39.500	70	Zet Pup	2.2460	39000.	79	30764	No
113	GOM_NL__2PRFIN20080118_062853_000000432065_00149_30764_8969.N1	18-JAN-2008 06:28:53	Straylight	43.000	117	Pi Pup	2.7060	3800.0	86	30764	No
114	GOM_NL__2PRFIN20080118_063125_000000392065_00149_30764_8970.N1	18-JAN-2008 06:31:25	Straylight	39.000	23	21Eps CMa	1.5020	26000.	78	30764	No
115	GOM_NL__2PRFIN20080118_063249_000000382065_00149_30764_8971.N1	18-JAN-2008 06:32:49	Straylight	37.500	179	24Omi2CMa	3.0320	24000.	75	30764	No
116	GOM_NL__2PRFIN20080118_063501_000000452065_00149_30764_8972.N1	18-JAN-2008 06:35:01	Straylight	44.500	1	9Alp CMa	-1.4400	11000.	89	30764	No
117	GOM_NL__2PRFIN20080118_063732_000000412065_00149_30764_8973.N1	18-JAN-2008 06:37:32	Straylight	40.500	56	53Kap Ori	2.0650	30000.	81	30764	No
118	GOM_NL__2PRFIN20080118_063944_000000402065_00149_30764_8974.N1	18-JAN-2008 06:39:44	Tw_i_and_stray	40.000	33	50Zet Ori	1.7660	30000.	80	30764	No
119	GOM_NL__2PRFIN20080118_064211_000000452065_00149_30764_8975.N1	18-JAN-2008 06:42:11	Tw_i_and_stray	44.500	14	58Alp Ori	0.87000	3000.0	89	30764	No
120	GOM_NL__2PRFIN20080118_064435_000000382065_00149_30764_8976.N1	18-JAN-2008 06:44:35	Bright	37.500	44	24Gam Gem	1.9280	11000.	75	30764	No
121	GOM_NL__2PRFIN20080118_065029_000000352065_00149_30764_8977.N1	18-JAN-2008 06:50:29	Bright	35.000	107	37The Aur	2.6490	11000.	70	30764	No
122	GOM_NL__2PRFIN20080118_065240_000000362065_00149_30764_8978.N1	18-JAN-2008 06:52:40	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	30764	No
123	GOM_NL__2PRFIN20080118_070513_000000352065_00149_30764_8979.N1	18-JAN-2008 07:05:13	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	30764	No
124	GOM_NL__2PRFIN20080118_071328_000000362065_00149_30764_8980.N1	18-JAN-2008 07:13:28	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	30764	No
125	GOM_NL__2PRFIN20080118_071607_000000372065_00149_30764_8981.N1	18-JAN-2008 07:16:07	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	30764	No
126	GOM_NL__2PRFIN20080118_072226_000000552065_00149_30764_8982.N1	18-JAN-2008 07:22:26	Bright	55.000	133	40Zet Her	2.8070	6000.0	110	30764	No
127	GOM_NL__2PRFIN20080118_072716_000000342065_00149_30764_8983.N1	18-JAN-2008 07:27:16	Bright	33.500	59	55Alp Oph	2.0800	8900.0	67	30764	No
128	GOM_NL__2PRFIN20080118_072923_000000332065_00149_30764_8984.N1	18-JAN-2008 07:29:23	Bright	33.000	126	60Bet Oph	2.7700	4250.0	66	30764	No
129	GOM_NL__2PRFIN20080118_073440_000000452065_00149_30764_8985.N1	18-JAN-2008 07:34:40	Bright	44.500	98	13Zet Oph	2.5710	30000.	89	30764	No
130	GOM_NL__2PRFIN20080118_073908_000000512065_00149_30764_8986.N1	18-JAN-2008 07:39:08	Tw_i_and_stray	51.000	16	21Alp Sco	1.0200	3000.0	102	30764	No
131	GOM_NL__2PRFIN20080118_074046_000000412065_00149_30764_8987.N1	18-JAN-2008 07:40:46	Twilight	40.500	75	26Eps Sco	2.2910	4250.0	81	30764	No
132	GOM_NL__2PRFIN20080118_074429_000000412065_00149_30764_8988.N1	18-JAN-2008 07:44:29	Dark	40.500	131	Gam Lup	2.8000	26000.	81	30764	No
133	GOM_NL__2PRFIN20080118_074618_000000432065_00149_30764_8989.N1	18-JAN-2008 07:46:18	Dark	43.000	109	Bet Lup	2.6770	26000.	86	30764	No
134	GOM_NL__2PRFIN20080118_074749_000000442065_00149_30764_8990.N1	18-JAN-2008 07:47:49	Dark	44.000	78	Alp Lup	2.3040	28000.	88	30764	No
135	GOM_NL__2PRFIN20080118_075016_000000442065_00150_30765_8972.N1	18-JAN-2008 07:50:16	Dark	44.000	4	Alp1Cen	-0.010000	5800.0	88	30765	No
136	GOM_NL__2PRFIN20080118_075509_000000402065_00150_30765_8973.N1	18-JAN-2008 07:55:09	Dark	39.500	129	Del Cru	2.7930	26000.	79	30765	No
137	GOM_NL__2PRFIN20080118_075911_000000442065_00150_30765_8974.N1	18-JAN-2008 07:59:11	Dark	43.500	29	Bet Car	1.6720	10200.	87	30765	No
138	GOM_NL__2PRFIN20080118_080111_000000432065_00150_30765_8975.N1	18-JAN-2008 08:01:11	Dark	43.000	71	lot Car	2.2460	7700.0	86	30765	No
139	GOM_NL__2PRFIN20080118_080302_000000412065_00150_30765_8976.N1	18-JAN-2008 08:03:02	Dark	40.500	46	Del Vel	1.9540	10600.	81	30765	No
140	GOM_NL__2PRFIN20080118_080544_000000422065_00150_30765_8977.N1	18-JAN-2008 08:05:44	Dark	42.000	34	Gam2Vel	1.7930	23000.	84	30765	No
141	GOM_NL__2PRFIN20080118_080752_000000412065_00150_30765_8978.N1	18-JAN-2008 08:07:52	Dark	40.500	70	Zet Pup	2.2460	39000.	81	30765	No
142	GOM_NL__2PRFIN20080118_080929_000000432065_00150_30765_8979.N1	18-JAN-2008 08:09:29	Straylight	42.500	117	Pi Pup	2.7060	3800.0	85	30765	No
143	GOM_NL__2PRFIN20080118_081201_000000432065_00150_30765_8980.N1	18-JAN-2008 08:12:01	Straylight	43.000	23	21Eps CMa	1.5020	26000.	86	30765	No
144	GOM_NL__2PRFIN20080118_081325_000000372065_00150_30765_8981.N1	18-JAN-2008 08:13:25	Straylight	36.500	179	24Omi2CMa	3.0320	24000.	73	30765	No
145	GOM_NL__2PRFIN20080118_081537_000000442065_00150_30765_8982.N1	18-JAN-2008 08:15:37	Straylight	44.000	1	9Alp CMa	-1.4400	11000.	88	30765	No
146	GOM_NL__2PRFIN20080118_081808_000000412065_00150_30765_8983.N1	18-JAN-2008 08:18:08	Straylight	41.000	56	53Kap Ori	2.0650	30000.	82	30765	No
147	GOM_NL__2PRFIN20080118_082021_000000402065_00150_30765_8984.N1	18-JAN-2008 08:20:21	Tw_i_and_stray	39.500	33	50Zet Ori	1.7660	30000.	79	30765	No
148	GOM_NL__2PRFIN20080118_082247_000000452065_00150_30765_8985.N1	18-JAN-2008 08:22:47	Tw_i_and_stray	44.500	14	58Alp Ori	0.87000	3000.0	89	30765	No
149	GOM_NL__2PRFIN20080118_082511_000000402065_00150_30765_8986.N1	18-JAN-2008 08:25:11	Bright	39.500	44	24Gam Gem	1.9280	11000.	79	30765	No
150	GOM_NL__2PRFIN20080118_083105_000000362065_00150_30765_8987.N1	18-JAN-2008 08:31:05	Bright	35.500	107	37The Aur	2.6490	11000.	71	30765	No
151	GOM_NL__2PRFIN20080118_083315_000000372065_00150_30765_8988.N1	18-JAN-2008 08:33:15	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	30765	No
152	GOM_NL__2PRFIN20080118_084549_000000372065_00150_30765_8989.N1	18-JAN-2008 08:45:49	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	30765	No
153	GOM_NL__2PRFIN20080118_085404_000000372065_00150_30765_8990.N1	18-JAN-2008 08:54:04	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	30765	No
154	GOM_NL__2PRFIN20080118_085643_000000372065_00150_30765_8991.N1	18-JAN-2008 08:56:43	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	30765	No
155	GOM_NL__2PRFIN20080118_090302_000000372065_00150_30765_8992.N1	18-JAN-2008 09:03:02	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	30765	No
156	GOM_NL__2PRFIN20080118_090752_000000342065_00150_30765_8993.N1	18-JAN-2008 09:07:52	Bright	33.500	59	55Alp Oph	2.0800	8900.0	67	30765	No
157	GOM_NL__2PRFIN20080118_090959_000000332065_00150_30765_8994.N1	18-JAN-2008 09:09:59	Bright	33.000	126	60Bet Oph	2.7700	4250.0	66	30765	No
158	GOM_NL__2PRFIN20080118_091517_000000362065_00150_30765_8995.N1	18-JAN-2008 09:15:17	Bright	35.500	98	13Zet Oph	2.5710	30000.	71	30765	No
159	GOM_NL__2PRFIN20080118_091945_000000462065_00150_30765_8996.N1	18-JAN-2008 09:19:45	Tw_i_and_stray	46.000	16	21Alp Sco	1.0200	3000.0	92	30765	No
160	GOM_NL__2PRFIN20080118_092122_000000432065_00150_30765_8997.N1	18-JAN-2008 09:21:22	Twilight	43.000	75	26Eps Sco	2.2910	4250.0	86	30765	No



161	GOM_NL__2PRFIN20080118_092505_000000402065_00150_30765_8998.N1	18-JAN-2008 09:25:05	Dark	39.500	131	Gam Lup	2.8000	26000.	79	30765	No
162	GOM_NL__2PRFIN20080118_092655_000000412065_00150_30765_8999.N1	18-JAN-2008 09:26:55	Dark	41.000	109	Bet Lup	2.6770	26000.	82	30765	No
163	GOM_NL__2PRFIN20080118_092825_000000432065_00150_30765_9000.N1	18-JAN-2008 09:28:25	Dark	43.000	78	Alp Lup	2.3040	28000.	86	30765	No
164	GOM_NL__2PRFIN20080118_093053_000000442065_00151_30766_8992.N1	18-JAN-2008 09:30:53	Dark	44.000	4	Alp1Cen	-0.010000	5800.0	88	30766	No
165	GOM_NL__2PRFIN20080118_093546_000000392065_00151_30766_8993.N1	18-JAN-2008 09:35:46	Dark	38.500	129	Del Cru	2.7930	26000.	77	30766	No
166	GOM_NL__2PRFIN20080118_093948_000000392065_00151_30766_8994.N1	18-JAN-2008 09:39:48	Dark	38.500	29	Bet Car	1.6720	10200.	77	30766	No
167	GOM_NL__2PRFIN20080118_094148_000000402065_00151_30766_8995.N1	18-JAN-2008 09:41:48	Dark	40.000	71	lot Car	2.2460	7700.0	80	30766	No
168	GOM_NL__2PRFIN20080118_094339_000000422065_00151_30766_8996.N1	18-JAN-2008 09:43:39	Dark	42.000	46	Del Vel	1.9540	10600.	84	30766	No
169	GOM_NL__2PRFIN20080118_094620_000000392065_00151_30766_8997.N1	18-JAN-2008 09:46:20	Dark	39.000	34	Gam2Vel	1.7930	23000.	78	30766	No
170	GOM_NL__2PRFIN20080118_094828_000000412065_00151_30766_8998.N1	18-JAN-2008 09:48:28	Dark	40.500	70	Zet Pup	2.2460	39000.	81	30766	No
171	GOM_NL__2PRFIN20080118_095005_000000432065_00151_30766_8999.N1	18-JAN-2008 09:50:05	Straylight	42.500	117	Pi Pup	2.7060	3800.0	85	30766	No
172	GOM_NL__2PRFIN20080118_095237_000000392065_00151_30766_9000.N1	18-JAN-2008 09:52:37	Straylight	39.000	23	21Eps CMa	1.5020	26000.	78	30766	No
173	GOM_NL__2PRFIN20080118_095401_000000372065_00151_30766_9001.N1	18-JAN-2008 09:54:01	Straylight	36.500	179	24Omi2CMa	3.0320	24000.	73	30766	No
174	GOM_NL__2PRFIN20080118_095613_000000472065_00151_30766_9002.N1	18-JAN-2008 09:56:13	Straylight	47.000	1	9Alp CMa	-1.4400	11000.	94	30766	No
175	GOM_NL__2PRFIN20080118_095844_000000402065_00151_30766_9003.N1	18-JAN-2008 09:58:44	Straylight	39.500	56	53Kap Ori	2.0650	30000.	79	30766	No
176	GOM_NL__2PRFIN20080118_100057_000000392065_00151_30766_9004.N1	18-JAN-2008 10:00:57	Tw_i_and_stray	39.000	33	50Zet Ori	1.7660	30000.	78	30766	No
177	GOM_NL__2PRFIN20080118_100323_000000492065_00151_30766_9005.N1	18-JAN-2008 10:03:23	Tw_i_and_stray	49.000	14	58Alp Ori	0.87000	3000.0	98	30766	No
178	GOM_NL__2PRFIN20080118_100547_000000412065_00151_30766_9006.N1	18-JAN-2008 10:05:47	Bright	41.000	44	24Gam Gem	1.9280	11000.	82	30766	No
179	GOM_NL__2PRFIN20080118_101141_000000352065_00151_30766_9007.N1	18-JAN-2008 10:11:41	Bright	35.000	107	37The Aur	2.6490	11000.	70	30766	No
180	GOM_NL__2PRFIN20080118_101351_000000362065_00151_30766_9008.N1	18-JAN-2008 10:13:51	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	30766	No
181	GOM_NL__2PRFIN20080118_102625_000000362065_00151_30766_9009.N1	18-JAN-2008 10:26:25	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	30766	No
182	GOM_NL__2PRFIN20080118_103440_000000382065_00151_30766_9010.N1	18-JAN-2008 10:34:40	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	30766	No
183	GOM_NL__2PRFIN20080118_103719_000000342065_00151_30766_9011.N1	18-JAN-2008 10:37:19	Bright	33.500	130	23Bet Dra	2.7990	5800.0	67	30766	No
184	GOM_NL__2PRFIN20080118_104338_000000412065_00151_30766_9012.N1	18-JAN-2008 10:43:38	Bright	40.500	133	40Zet Her	2.8070	6000.0	81	30766	No
185	GOM_NL__2PRFIN20080118_104829_000000342065_00151_30766_9013.N1	18-JAN-2008 10:48:29	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	30766	No
186	GOM_NL__2PRFIN20080118_105035_000000342065_00151_30766_9014.N1	18-JAN-2008 10:50:35	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	30766	No
187	GOM_NL__2PRFIN20080118_105553_000000542065_00151_30766_9015.N1	18-JAN-2008 10:55:53	Bright	54.000	98	13Zet Oph	2.5710	30000.	108	30766	No
188	GOM_NL__2PRFIN20080118_110021_000000492065_00151_30766_9016.N1	18-JAN-2008 11:00:21	Tw_i_and_stray	48.500	16	21Alp Sco	1.0200	3000.0	97	30766	No
189	GOM_NL__2PRFIN20080118_110159_000000432065_00151_30766_9017.N1	18-JAN-2008 11:01:59	Twilight	42.500	75	26Eps Sco	2.2910	4250.0	85	30766	No
190	GOM_NL__2PRFIN20080118_110542_000000392065_00151_30766_9018.N1	18-JAN-2008 11:05:42	Dark	39.000	131	Gam Lup	2.8000	26000.	78	30766	No
191	GOM_NL__2PRFIN20080118_110731_000000412065_00151_30766_9019.N1	18-JAN-2008 11:07:31	Dark	40.500	109	Bet Lup	2.6770	26000.	81	30766	No
192	GOM_NL__2PRFIN20080118_110902_000000442065_00151_30766_9020.N1	18-JAN-2008 11:09:02	Dark	43.500	78	Alp Lup	2.3040	28000.	87	30766	No
193	GOM_NL__2PRFIN20080118_111129_000000412065_00152_30767_9003.N1	18-JAN-2008 11:11:29	Dark	40.500	4	Alp1Cen	-0.010000	5800.0	81	30767	No
194	GOM_NL__2PRFIN20080118_111622_000000402065_00152_30767_9004.N1	18-JAN-2008 11:16:22	Dark	39.500	129	Del Cru	2.7930	26000.	79	30767	No
195	GOM_NL__2PRFIN20080118_112024_000000392065_00152_30767_9005.N1	18-JAN-2008 11:20:24	Dark	39.000	29	Bet Car	1.6720	10200.	78	30767	No
196	GOM_NL__2PRFIN20080118_112224_000000402065_00152_30767_9006.N1	18-JAN-2008 11:22:24	Dark	40.000	71	lot Car	2.2460	7700.0	80	30767	No
197	GOM_NL__2PRFIN20080118_112415_000000412065_00152_30767_9007.N1	18-JAN-2008 11:24:15	Dark	41.000	46	Del Vel	1.9540	10600.	82	30767	No
198	GOM_NL__2PRFIN20080118_112656_000000382065_00152_30767_9008.N1	18-JAN-2008 11:26:56	Dark	38.000	34	Gam2Vel	1.7930	23000.	76	30767	No
199	GOM_NL__2PRFIN20080118_112904_000000402065_00152_30767_9009.N1	18-JAN-2008 11:29:04	Dark	40.000	70	Zet Pup	2.2460	39000.	80	30767	No
200	GOM_NL__2PRFIN20080118_113041_000000422065_00152_30767_9010.N1	18-JAN-2008 11:30:41	Straylight	41.500	117	Pi Pup	2.7060	3800.0	83	30767	No
201	GOM_NL__2PRFIN20080118_113313_000000442065_00152_30767_9011.N1	18-JAN-2008 11:33:13	Straylight	43.500	23	21Eps CMa	1.5020	26000.	87	30767	No
202	GOM_NL__2PRFIN20080118_113437_000000392065_00152_30767_9012.N1	18-JAN-2008 11:34:37	Straylight	39.000	179	24Omi2CMa	3.0320	24000.	78	30767	No
203	GOM_NL__2PRFIN20080118_113650_000000452065_00152_30767_9013.N1	18-JAN-2008 11:36:50	Straylight	44.500	1	9Alp CMa	-1.4400	11000.	89	30767	No
204	GOM_NL__2PRFIN20080118_113920_000000392065_00152_30767_9014.N1	18-JAN-2008 11:39:20	Straylight	38.500	56	53Kap Ori	2.0650	30000.	77	30767	No
205	GOM_NL__2PRFIN20080118_114133_000000362065_00152_30767_9015.N1	18-JAN-2008 11:41:33	Tw_i_and_stray	36.000	33	50Zet Ori	1.7660	30000.	72	30767	No
206	GOM_NL__2PRFIN20080118_114359_000000512065_00152_30767_9016.N1	18-JAN-2008 11:43:59	Tw_i_and_stray	51.000	14	58Alp Ori	0.87000	3000.0	102	30767	No
207	GOM_NL__2PRFIN20080118_114623_000000422065_00152_30767_9017.N1	18-JAN-2008 11:46:23	Bright	42.000	44	24Gam Gem	1.9280	11000.	84	30767	No
208	GOM_NL__2PRFIN20080118_115217_000000362065_00152_30767_9018.N1	18-JAN-2008 11:52:17	Bright	36.000	107	37The Aur	2.6490	11000.	72	30767	No
209	GOM_NL__2PRFIN20080118_115427_000000352065_00152_30767_9019.N1	18-JAN-2008 11:54:27	Bright	35.000	42	34Bet Aur	1.9000	10200.	70	30767	No
210	GOM_NL__2PRFIN20080118_121516_000000372065_00152_30767_9020.N1	18-JAN-2008 12:15:16	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	30767	No
211	GOM_NL__2PRFIN20080118_121755_000000362065_00152_30767_9021.N1	18-JAN-2008 12:17:55	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	30767	No
212	GOM_NL__2PRFIN20080118_122414_000000382065_00152_30767_9022.N1	18-JAN-2008 12:24:14	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	30767	No
213	GOM_NL__2PRFIN20080118_122905_000000332065_00152_30767_9023.N1	18-JAN-2008 12:29:05	Bright	33.000	59	55Alp Oph	2.0800	8900.0	66	30767	No
214	GOM_NL__2PRFIN20080118_123111_000000342065_00152_30767_9024.N1	18-JAN-2008 12:31:11	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	30767	No
215	GOM_NL__2PRFIN20080118_123629_000000372065_00152_30767_9025.N1	18-JAN-2008 12:36:29	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	30767	No
216	GOM_NL__2PRFIN20080118_124057_000000462065_00152_30767_9026.N1	18-JAN-2008 12:40:57	Tw_i_and_stray	46.000	16	21Alp Sco	1.0200	3000.0	92	30767	No
217	GOM_NL__2PRFIN20080118_124235_000000392065_00152_30767_9027.N1	18-JAN-2008 12:42:35	Twilight	38.500	75	26Eps Sco	2.2910	4250.0	77	30767	No
218	GOM_NL__2PRFIN20080118_124618_000000382065_00152_30767_9028.N1	18-JAN-2008 12:46:18	Dark	38.000	131	Gam Lup	2.8000	26000.	76	30767	No
219	GOM_NL__2PRFIN20080118_124808_000000412065_00152_30767_9029.N1	18-JAN-2008 12:48:08	Dark	41.000	109	Bet Lup	2.6770	26000.	82	30767	No

220	GOM_NL__2PRFIN20080118_124938_000000412065_00152_30767_9030.N1	18-JAN-2008 12:49:38	Dark	40.500	78	Alp Lup	2.3040	28000.	81	30767	No
221	GOM_NL__2PRFIN20080118_125205_000000412065_00153_30768_9013.N1	18-JAN-2008 12:52:05	Dark	40.500	4	Alp1Cen	-0.010000	5800.0	81	30768	No
222	GOM_NL__2PRFIN20080118_125659_000000402065_00153_30768_9014.N1	18-JAN-2008 12:56:59	Dark	40.000	129	Del Cru	2.7930	26000.	80	30768	No
223	GOM_NL__2PRFIN20080118_130100_000000382065_00153_30768_9015.N1	18-JAN-2008 13:01:00	Dark	37.500	29	Bet Car	1.6720	10200.	75	30768	No
224	GOM_NL__2PRFIN20080118_130300_000000412065_00153_30768_9016.N1	18-JAN-2008 13:03:00	Dark	41.000	71	lot Car	2.2460	7700.0	82	30768	No
225	GOM_NL__2PRFIN20080118_130451_000000412065_00153_30768_9017.N1	18-JAN-2008 13:04:51	Dark	40.500	46	Del Vel	1.9540	10600.	81	30768	No
226	GOM_NL__2PRFIN20080118_130732_000000412065_00153_30768_9018.N1	18-JAN-2008 13:07:32	Dark	40.500	34	Gam2Vel	1.7930	23000.	81	30768	No
227	GOM_NL__2PRFIN20080118_130940_000000452065_00153_30768_9019.N1	18-JAN-2008 13:09:40	Dark	45.000	70	Zet Pup	2.2460	39000.	90	30768	No
228	GOM_NL__2PRFIN20080118_131117_000000462065_00153_30768_9020.N1	18-JAN-2008 13:11:17	Straylight	45.500	117	Pi Pup	2.7060	3800.0	91	30768	No
229	GOM_NL__2PRFIN20080118_131349_000000442065_00153_30768_9021.N1	18-JAN-2008 13:13:49	Straylight	43.500	23	21Eps CMa	1.5020	26000.	87	30768	No
230	GOM_NL__2PRFIN20080118_131513_000000402065_00153_30768_9022.N1	18-JAN-2008 13:15:13	Straylight	40.000	179	24Omi2CMa	3.0320	24000.	80	30768	No
231	GOM_NL__2PRFIN20080118_131725_000000492065_00153_30768_9023.N1	18-JAN-2008 13:17:25	Straylight	49.000	1	9Alp CMa	-1.4400	11000.	98	30768	No
232	GOM_NL__2PRFIN20080118_131956_000000362065_00153_30768_9024.N1	18-JAN-2008 13:19:56	Straylight	36.000	56	53Kap Ori	2.0650	30000.	72	30768	No
233	GOM_NL__2PRFIN20080118_132209_000000382065_00153_30768_9025.N1	18-JAN-2008 13:22:09	Tw_i_and_stray	37.500	33	50Zet Ori	1.7660	30000.	75	30768	No
234	GOM_NL__2PRFIN20080118_132435_000000482065_00153_30768_9026.N1	18-JAN-2008 13:24:35	Tw_i_and_stray	47.500	14	58Alp Ori	0.87000	3000.0	95	30768	No
235	GOM_NL__2PRFIN20080118_132659_000000532065_00153_30768_9027.N1	18-JAN-2008 13:26:59	Bright	53.000	44	24Gam Gem	1.9280	11000.	106	30768	No
236	GOM_NL__2PRFIN20080118_133253_000000352065_00153_30768_9028.N1	18-JAN-2008 13:32:53	Bright	35.000	107	37The Aur	2.6490	11000.	70	30768	No
237	GOM_NL__2PRFIN20080118_133503_000000362065_00153_30768_9029.N1	18-JAN-2008 13:35:03	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	30768	No
238	GOM_NL__2PRFIN20080118_134737_000000352065_00153_30768_9030.N1	18-JAN-2008 13:47:37	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	30768	No
239	GOM_NL__2PRFIN20080118_135551_000000372065_00153_30768_9031.N1	18-JAN-2008 13:55:51	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	30768	No
240	GOM_NL__2PRFIN20080118_135831_000000372065_00153_30768_9032.N1	18-JAN-2008 13:58:31	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	30768	No
241	GOM_NL__2PRFIN20080118_140450_000000372065_00153_30768_9033.N1	18-JAN-2008 14:04:50	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	30768	No
242	GOM_NL__2PRFIN20080118_140941_000000342065_00153_30768_9034.N1	18-JAN-2008 14:09:41	Bright	33.500	59	55Alp Oph	2.0800	8900.0	67	30768	No
243	GOM_NL__2PRFIN20080118_141148_000000332065_00153_30768_9035.N1	18-JAN-2008 14:11:48	Bright	33.000	126	60Bet Oph	2.7700	4250.0	66	30768	No
244	GOM_NL__2PRFIN20080118_141706_000000542065_00153_30768_9036.N1	18-JAN-2008 14:17:06	Bright	54.000	98	13Zet Oph	2.5710	30000.	108	30768	No
245	GOM_NL__2PRFIN20080118_142134_000000542065_00153_30768_9037.N1	18-JAN-2008 14:21:34	Tw_i_and_stray	54.000	16	21Alp Sco	1.0200	3000.0	108	30768	No
246	GOM_NL__2PRFIN20080118_142311_000000442065_00153_30768_9038.N1	18-JAN-2008 14:23:11	Twilight	44.000	75	26Eps Sco	2.2910	4250.0	88	30768	No
247	GOM_NL__2PRFIN20080118_142654_000000402065_00153_30768_9039.N1	18-JAN-2008 14:26:54	Dark	39.500	131	Gam Lup	2.8000	26000.	79	30768	No
248	GOM_NL__2PRFIN20080118_142844_000000412065_00153_30768_9040.N1	18-JAN-2008 14:28:44	Dark	41.000	109	Bet Lup	2.6770	26000.	82	30768	No
249	GOM_NL__2PRFIN20080118_143015_000000422065_00153_30768_9041.N1	18-JAN-2008 14:30:15	Dark	41.500	78	Alp Lup	2.3040	28000.	83	30768	No
250	GOM_NL__2PRFIN20080118_143242_000000412065_00154_30769_9052.N1	18-JAN-2008 14:32:42	Dark	40.500	4	Alp1Cen	-0.010000	5800.0	81	30769	No
251	GOM_NL__2PRFIN20080118_143735_000000402065_00154_30769_9053.N1	18-JAN-2008 14:37:35	Dark	40.000	129	Del Cru	2.7930	26000.	80	30769	No
252	GOM_NL__2PRFIN20080118_144136_000000412065_00154_30769_9054.N1	18-JAN-2008 14:41:36	Dark	41.000	29	Bet Car	1.6720	10200.	82	30769	No
253	GOM_NL__2PRFIN20080118_144337_000000392065_00154_30769_9055.N1	18-JAN-2008 14:43:37	Dark	38.500	71	lot Car	2.2460	7700.0	77	30769	No
254	GOM_NL__2PRFIN20080118_144528_000000392065_00154_30769_9056.N1	18-JAN-2008 14:45:28	Dark	39.000	46	Del Vel	1.9540	10600.	78	30769	No
255	GOM_NL__2PRFIN20080118_144809_000000422065_00154_30769_9057.N1	18-JAN-2008 14:48:09	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	30769	No
256	GOM_NL__2PRFIN20080118_145017_000000402065_00154_30769_9058.N1	18-JAN-2008 14:50:17	Dark	39.500	70	Zet Pup	2.2460	39000.	79	30769	No
257	GOM_NL__2PRFIN20080118_145153_000000452065_00154_30769_9059.N1	18-JAN-2008 14:51:53	Straylight	45.000	117	Pi Pup	2.7060	3800.0	90	30769	No
258	GOM_NL__2PRFIN20080118_145425_000000382065_00154_30769_9060.N1	18-JAN-2008 14:54:25	Straylight	38.000	23	21Eps CMa	1.5020	26000.	76	30769	No
259	GOM_NL__2PRFIN20080118_145549_000000382065_00154_30769_9061.N1	18-JAN-2008 14:55:49	Straylight	38.000	179	24Omi2CMa	3.0320	24000.	76	30769	No
260	GOM_NL__2PRFIN20080118_145802_000000382065_00154_30769_9062.N1	18-JAN-2008 14:58:02	Straylight	38.000	1	9Alp CMa	-1.4400	11000.	76	30769	No
261	GOM_NL__2PRFIN20080118_150032_000000372065_00154_30769_9063.N1	18-JAN-2008 15:00:32	Straylight	36.500	56	53Kap Ori	2.0650	30000.	73	30769	No
262	GOM_NL__2PRFIN20080118_150245_000000402065_00154_30769_9064.N1	18-JAN-2008 15:02:45	Tw_i_and_stray	40.000	33	50Zet Ori	1.7660	30000.	80	30769	No
263	GOM_NL__2PRFIN20080118_150511_000000502065_00154_30769_9065.N1	18-JAN-2008 15:05:11	Tw_i_and_stray	49.500	14	58Alp Ori	0.87000	3000.0	99	30769	No
264	GOM_NL__2PRFIN20080118_150735_000000452065_00154_30769_9066.N1	18-JAN-2008 15:07:35	Bright	45.000	44	24Gam Gem	1.9280	11000.	90	30769	No
265	GOM_NL__2PRFIN20080118_151329_000000362065_00154_30769_9067.N1	18-JAN-2008 15:13:29	Bright	35.500	107	37The Aur	2.6490	11000.	71	30769	No
266	GOM_NL__2PRFIN20080118_151539_000000372065_00154_30769_9068.N1	18-JAN-2008 15:15:39	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	30769	No
267	GOM_NL__2PRFIN20080118_152813_000000362065_00154_30769_9069.N1	18-JAN-2008 15:28:13	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	30769	No
268	GOM_NL__2PRFIN20080118_153627_000000392065_00154_30769_9070.N1	18-JAN-2008 15:36:27	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	30769	No
269	GOM_NL__2PRFIN20080118_153907_000000522065_00154_30769_9071.N1	18-JAN-2008 15:39:07	Bright	52.000	130	23Bet Dra	2.7990	5800.0	104	30769	No
270	GOM_NL__2PRFIN20080118_154527_000000382065_00154_30769_9072.N1	18-JAN-2008 15:45:27	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	30769	No
271	GOM_NL__2PRFIN20080118_155017_000000342065_00154_30769_9073.N1	18-JAN-2008 15:50:17	Bright	33.500	59	55Alp Oph	2.0800	8900.0	67	30769	No
272	GOM_NL__2PRFIN20080118_155224_000000332065_00154_30769_9074.N1	18-JAN-2008 15:52:24	Bright	33.000	126	60Bet Oph	2.7700	4250.0	66	30769	No
273	GOM_NL__2PRFIN20080118_155742_000000362065_00154_30769_9075.N1	18-JAN-2008 15:57:42	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	30769	No
274	GOM_NL__2PRFIN20080118_160210_000000542065_00154_30769_9076.N1	18-JAN-2008 16:02:10	Twilight	54.000	16	21Alp Sco	1.0200	3000.0	108	30769	No
275	GOM_NL__2PRFIN20080118_160347_000000412065_00154_30769_9077.N1	18-JAN-2008 16:03:47	Twilight	40.500	75	26Eps Sco	2.2910	4250.0	81	30769	No
276	GOM_NL__2PRFIN20080118_160731_000000382065_00154_30769_9078.N1	18-JAN-2008 16:07:31	Dark	37.500	131	Gam Lup	2.8000	26000.	75	30769	No
277	GOM_NL__2PRFIN20080118_160921_000000412065_00154_30769_9079.N1	18-JAN-2008 16:09:21	Dark	40.500	109	Bet Lup	2.6770	26000.	81	30769	No
278	GOM_NL__2PRFIN20080118_161051_000000402065_00154_30769_9080.N1	18-JAN-2008 16:10:51	Dark	39.500	78	Alp Lup	2.3040	28000.	79	30769	No

279	GOM_NL__2PRFIN20080118_161318_000000532065_00155_30770_9056.N1	18-JAN-2008 16:13:18	Dark	53.000	4	Alp1Cen	-0.010000	5800.0	106	30770	No
280	GOM_NL__2PRFIN20080118_161812_000000402065_00155_30770_9057.N1	18-JAN-2008 16:18:12	Dark	40.000	129	Del Cru	2.7930	26000.	80	30770	No
281	GOM_NL__2PRFIN20080118_162212_000000392065_00155_30770_9058.N1	18-JAN-2008 16:22:12	Dark	38.500	29	Bet Car	1.6720	10200.	77	30770	No
282	GOM_NL__2PRFIN20080118_162413_000000402065_00155_30770_9059.N1	18-JAN-2008 16:24:13	Dark	39.500	71	lot Car	2.2460	7700.0	79	30770	No
283	GOM_NL__2PRFIN20080118_162604_000000402065_00155_30770_9060.N1	18-JAN-2008 16:26:04	Dark	40.000	46	Del Vel	1.9540	10600.	80	30770	No
284	GOM_NL__2PRFIN20080118_162845_000000402065_00155_30770_9061.N1	18-JAN-2008 16:28:45	Dark	39.500	34	Gam2Vel	1.7930	23000.	79	30770	No
285	GOM_NL__2PRFIN20080118_163053_000000422065_00155_30770_9062.N1	18-JAN-2008 16:30:53	Dark	42.000	70	Zet Pup	2.2460	39000.	84	30770	No
286	GOM_NL__2PRFIN20080118_163230_000000442065_00155_30770_9063.N1	18-JAN-2008 16:32:30	Straylight	43.500	117	Pi Pup	2.7060	3800.0	87	30770	No
287	GOM_NL__2PRFIN20080118_163501_000000412065_00155_30770_9064.N1	18-JAN-2008 16:35:01	Straylight	41.000	23	21Eps CMa	1.5020	26000.	82	30770	No
288	GOM_NL__2PRFIN20080118_163626_000000382065_00155_30770_9065.N1	18-JAN-2008 16:36:26	Straylight	38.000	179	24Omi2CMa	3.0320	24000.	76	30770	No
289	GOM_NL__2PRFIN20080118_163838_000000382065_00155_30770_9066.N1	18-JAN-2008 16:38:38	Straylight	38.000	1	9Alp CMa	-1.4400	11000.	76	30770	No
290	GOM_NL__2PRFIN20080118_164108_000000402065_00155_30770_9067.N1	18-JAN-2008 16:41:08	Straylight	40.000	56	53Kap Ori	2.0650	30000.	80	30770	No
291	GOM_NL__2PRFIN20080118_164321_000000402065_00155_30770_9068.N1	18-JAN-2008 16:43:21	Tw_i_and_stray	40.000	33	50Zet Ori	1.7660	30000.	80	30770	No
292	GOM_NL__2PRFIN20080118_164547_000000482065_00155_30770_9069.N1	18-JAN-2008 16:45:47	Tw_i_and_stray	47.500	14	58Alp Ori	0.87000	3000.0	95	30770	No
293	GOM_NL__2PRFIN20080118_164810_000000532065_00155_30770_9070.N1	18-JAN-2008 16:48:10	Bright	53.000	44	24Gam Gem	1.9280	11000.	106	30770	No
294	GOM_NL__2PRFIN20080118_164955_000000402065_00155_30770_9071.N1	18-JAN-2008 16:49:55	Bright	40.000	151	13Mu Gem	2.8900	3000.0	80	30770	No
295	GOM_NL__2PRFIN20080118_165155_000000382065_00155_30770_9072.N1	18-JAN-2008 16:51:55	Bright	37.500	28	12Bet Tau	1.6500	15200.	75	30770	No
296	GOM_NL__2PRFIN20080118_165405_000000352065_00155_30770_9073.N1	18-JAN-2008 16:54:05	Bright	34.500	107	37The Aur	2.6490	11000.	69	30770	No
297	GOM_NL__2PRFIN20080118_165615_000000362065_00155_30770_9074.N1	18-JAN-2008 16:56:15	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	30770	No
298	GOM_NL__2PRFIN20080118_170849_000000372065_00155_30770_9075.N1	18-JAN-2008 17:08:49	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	30770	No
299	GOM_NL__2PRFIN20080118_171703_000000392065_00155_30770_9076.N1	18-JAN-2008 17:17:03	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	30770	No
300	GOM_NL__2PRFIN20080118_171943_000000352065_00155_30770_9077.N1	18-JAN-2008 17:19:43	Bright	34.500	130	23Bet Dra	2.7990	5800.0	69	30770	No
301	GOM_NL__2PRFIN20080118_172603_000000372065_00155_30770_9078.N1	18-JAN-2008 17:26:03	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	30770	No
302	GOM_NL__2PRFIN20080118_173053_000000342065_00155_30770_9079.N1	18-JAN-2008 17:30:53	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	30770	No
303	GOM_NL__2PRFIN20080118_173300_000000342065_00155_30770_9080.N1	18-JAN-2008 17:33:00	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	30770	No
304	GOM_NL__2PRFIN20080118_173818_000000542065_00155_30770_9081.N1	18-JAN-2008 17:38:18	Bright	54.000	98	13Zet Oph	2.5710	30000.	108	30770	No
305	GOM_NL__2PRFIN20080118_174247_000000492065_00155_30770_9082.N1	18-JAN-2008 17:42:47	Twilight	48.500	16	21Alp Sco	1.0200	3000.0	97	30770	No
306	GOM_NL__2PRFIN20080118_174424_000000432065_00155_30770_9083.N1	18-JAN-2008 17:44:24	Twilight	42.500	75	26Eps Sco	2.2910	4250.0	85	30770	No
307	GOM_NL__2PRFIN20080118_174808_000000402065_00155_30770_9084.N1	18-JAN-2008 17:48:08	Dark	40.000	131	Gam Lup	2.8000	26000.	80	30770	No
308	GOM_NL__2PRFIN20080118_174958_000000412065_00155_30770_9085.N1	18-JAN-2008 17:49:58	Dark	40.500	109	Bet Lup	2.6770	26000.	81	30770	No
309	GOM_NL__2PRFIN20080118_175128_000000392065_00155_30770_9086.N1	18-JAN-2008 17:51:28	Dark	39.000	78	Alp Lup	2.3040	28000.	78	30770	No
310	GOM_NL__2PRFIN20080118_175355_000000522065_00156_30771_9085.N1	18-JAN-2008 17:53:55	Dark	51.500	4	Alp1Cen	-0.010000	5800.0	103	30771	No
311	GOM_NL__2PRFIN20080118_175849_000000412065_00156_30771_9086.N1	18-JAN-2008 17:58:49	Dark	40.500	129	Del Cru	2.7930	26000.	81	30771	No
312	GOM_NL__2PRFIN20080118_180249_000000382065_00156_30771_9087.N1	18-JAN-2008 18:02:49	Dark	38.000	29	Bet Car	1.6720	10200.	76	30771	No
313	GOM_NL__2PRFIN20080118_180449_000000392065_00156_30771_9088.N1	18-JAN-2008 18:04:49	Dark	39.000	71	lot Car	2.2460	7700.0	78	30771	No
314	GOM_NL__2PRFIN20080118_180640_000000432065_00156_30771_9089.N1	18-JAN-2008 18:06:40	Dark	43.000	46	Del Vel	1.9540	10600.	86	30771	No
315	GOM_NL__2PRFIN20080118_180921_000000412065_00156_30771_9090.N1	18-JAN-2008 18:09:21	Dark	41.000	34	Gam2Vel	1.7930	23000.	82	30771	No
316	GOM_NL__2PRFIN20080118_181129_000000422065_00156_30771_9091.N1	18-JAN-2008 18:11:29	Dark	42.000	70	Zet Pup	2.2460	39000.	84	30771	No
317	GOM_NL__2PRFIN20080118_181306_000000442065_00156_30771_9092.N1	18-JAN-2008 18:13:06	Straylight	44.000	117	Pi Pup	2.7060	3800.0	88	30771	No
318	GOM_NL__2PRFIN20080118_181537_000000402065_00156_30771_9093.N1	18-JAN-2008 18:15:37	Straylight	39.500	23	21Eps CMa	1.5020	26000.	79	30771	No
319	GOM_NL__2PRFIN20080118_181702_000000372065_00156_30771_9094.N1	18-JAN-2008 18:17:02	Straylight	36.500	179	24Omi2CMa	3.0320	24000.	73	30771	No
320	GOM_NL__2PRFIN20080118_181914_000000432065_00156_30771_9095.N1	18-JAN-2008 18:19:14	Straylight	42.500	1	9Alp CMa	-1.4400	11000.	85	30771	No
321	GOM_NL__2PRFIN20080118_182144_000000382065_00156_30771_9096.N1	18-JAN-2008 18:21:44	Straylight	38.000	56	53Kap Ori	2.0650	30000.	76	30771	No
322	GOM_NL__2PRFIN20080118_182357_000000432065_00156_30771_9097.N1	18-JAN-2008 18:23:57	Tw_i_and_stray	42.500	33	50Zet Ori	1.7660	30000.	85	30771	No
323	GOM_NL__2PRFIN20080118_182623_000000522065_00156_30771_9098.N1	18-JAN-2008 18:26:23	Tw_i_and_stray	51.500	14	58Alp Ori	0.87000	3000.0	103	30771	No
324	GOM_NL__2PRFIN20080118_182846_000000452065_00156_30771_9099.N1	18-JAN-2008 18:28:46	Bright	44.500	44	24Gam Gem	1.9280	11000.	89	30771	No
325	GOM_NL__2PRFIN20080118_183031_000000402065_00156_30771_9100.N1	18-JAN-2008 18:30:31	Bright	40.000	151	13Mu Gem	2.8900	3000.0	80	30771	No
326	GOM_NL__2PRFIN20080118_183231_000000372065_00156_30771_9101.N1	18-JAN-2008 18:32:31	Bright	37.000	28	12Bet Tau	1.6500	15200.	74	30771	No
327	GOM_NL__2PRFIN20080118_183441_000000352065_00156_30771_9102.N1	18-JAN-2008 18:34:41	Bright	34.500	107	37The Aur	2.6490	11000.	69	30771	No
328	GOM_NL__2PRFIN20080118_183651_000000362065_00156_30771_9103.N1	18-JAN-2008 18:36:51	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	30771	No
329	GOM_NL__2PRFIN20080118_184925_000000352065_00156_30771_9104.N1	18-JAN-2008 18:49:25	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	30771	No
330	GOM_NL__2PRFIN20080118_185739_000000382065_00156_30771_9105.N1	18-JAN-2008 18:57:39	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	30771	No
331	GOM_NL__2PRFIN20080118_190020_000000382065_00156_30771_9106.N1	18-JAN-2008 19:00:20	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	30771	No
332	GOM_NL__2PRFIN20080118_190639_000000382065_00156_30771_9107.N1	18-JAN-2008 19:06:39	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	30771	No
333	GOM_NL__2PRFIN20080118_191129_000000352065_00156_30771_9108.N1	18-JAN-2008 19:11:29	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	30771	No
334	GOM_NL__2PRFIN20080118_191336_000000342065_00156_30771_9109.N1	18-JAN-2008 19:13:36	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	30771	No
335	GOM_NL__2PRFIN20080118_191855_000000542065_00156_30771_9110.N1	18-JAN-2008 19:18:55	Bright	54.000	98	13Zet Oph	2.5710	30000.	108	30771	No
336	GOM_NL__2PRFIN20080118_192323_000000482065_00156_30771_9111.N1	18-JAN-2008 19:23:23	Twilight	48.000	16	21Alp Sco	1.0200	3000.0	96	30771	No
337	GOM_NL__2PRFIN20080118_192500_000000432065_00156_30771_9112.N1	18-JAN-2008 19:25:00	Twilight	42.500	75	26Eps Sco	2.2910	4250.0	85	30771	No



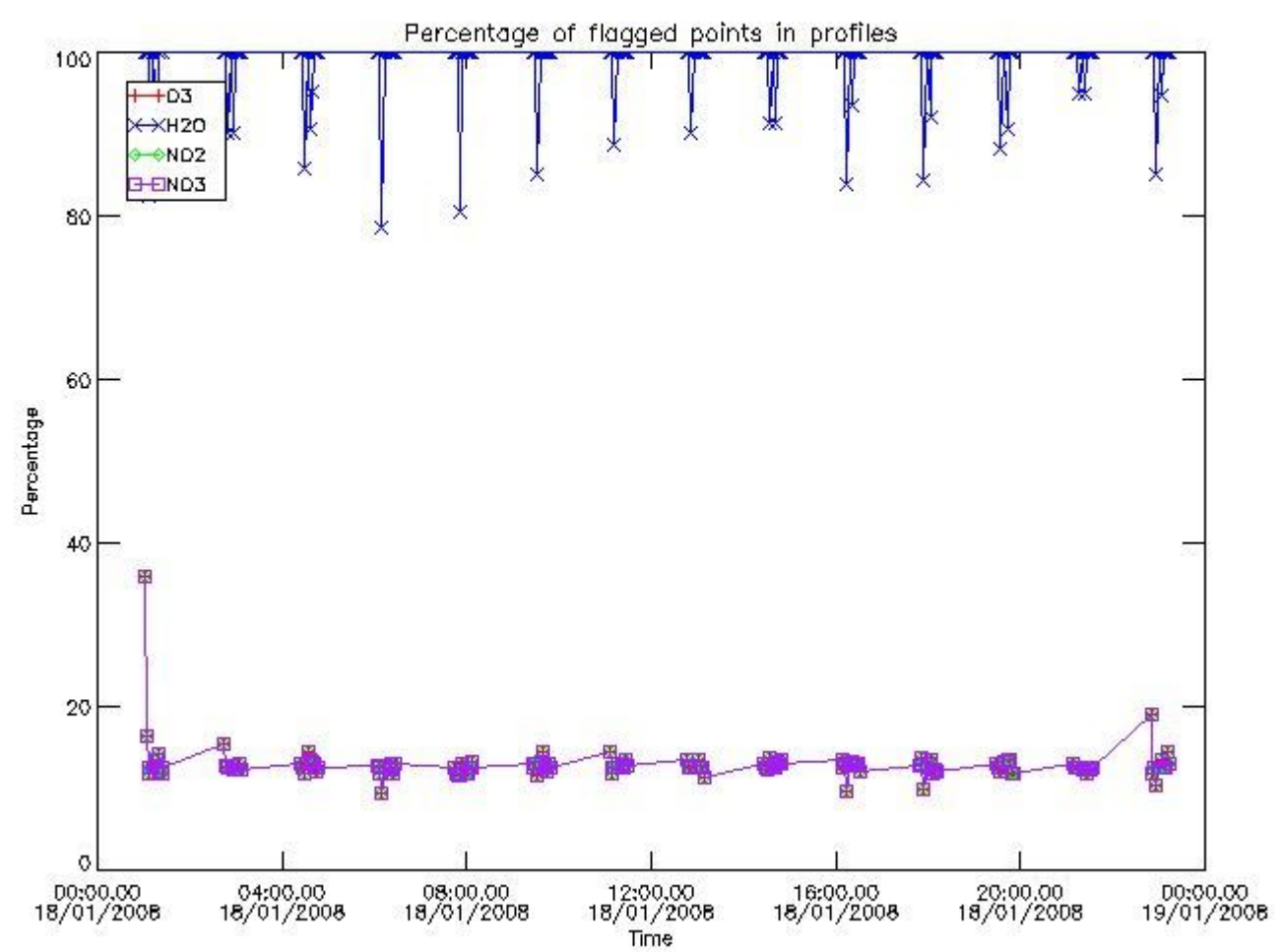
338	GOM_NL__2PRFIN20080118_192844_000000392065_00156_30771_9113.N1	18-JAN-2008 19:28:44	Dark	39.000	131	Gam Lup	2.8000	26000.	78	30771	No
339	GOM_NL__2PRFIN20080118_193034_000000412065_00156_30771_9114.N1	18-JAN-2008 19:30:34	Dark	40.500	109	Bet Lup	2.6770	26000.	81	30771	No
340	GOM_NL__2PRFIN20080118_193205_000000412065_00156_30771_9115.N1	18-JAN-2008 19:32:05	Dark	40.500	78	Alp Lup	2.3040	28000.	81	30771	No
341	GOM_NL__2PRFIN20080118_193431_000000432065_00157_30772_9097.N1	18-JAN-2008 19:34:31	Dark	42.500	4	Alp1Cen	-0.010000	5800.0	85	30772	No
342	GOM_NL__2PRFIN20080118_193925_000000392065_00157_30772_9098.N1	18-JAN-2008 19:39:25	Dark	38.500	129	Del Cru	2.7930	26000.	77	30772	No
343	GOM_NL__2PRFIN20080118_194325_000000382065_00157_30772_9099.N1	18-JAN-2008 19:43:25	Dark	37.500	29	Bet Car	1.6720	10200.	75	30772	No
344	GOM_NL__2PRFIN20080118_194526_000000382065_00157_30772_9100.N1	18-JAN-2008 19:45:26	Dark	38.000	71	lot Car	2.2460	7700.0	76	30772	No
345	GOM_NL__2PRFIN20080118_194717_000000392065_00157_30772_9101.N1	18-JAN-2008 19:47:17	Dark	38.500	46	Del Vel	1.9540	10600.	77	30772	No
346	GOM_NL__2PRFIN20080118_194958_000000442065_00157_30772_9102.N1	18-JAN-2008 19:49:58	Dark	43.500	34	Gam2Vel	1.7930	23000.	87	30772	No
347	GOM_NL__2PRFIN20080118_195206_000000432065_00157_30772_9103.N1	18-JAN-2008 19:52:06	Dark	43.000	70	Zet Pup	2.2460	39000.	86	30772	No
348	GOM_NL__2PRFIN20080118_195342_000000442065_00157_30772_9104.N1	18-JAN-2008 19:53:42	Straylight	43.500	117	Pi Pup	2.7060	3800.0	87	30772	No
349	GOM_NL__2PRFIN20080118_195613_000000422065_00157_30772_9105.N1	18-JAN-2008 19:56:13	Straylight	41.500	23	21Eps CMa	1.5020	26000.	83	30772	No
350	GOM_NL__2PRFIN20080118_195738_000000372065_00157_30772_9106.N1	18-JAN-2008 19:57:38	Straylight	37.000	179	24Omi2CMa	3.0320	24000.	74	30772	No
351	GOM_NL__2PRFIN20080118_195950_000000432065_00157_30772_9107.N1	18-JAN-2008 19:59:50	Straylight	42.500	1	9Alp CMa	-1.4400	11000.	85	30772	No
352	GOM_NL__2PRFIN20080118_200220_000000402065_00157_30772_9108.N1	18-JAN-2008 20:02:20	Straylight	39.500	56	53Kap Ori	2.0650	30000.	79	30772	No
353	GOM_NL__2PRFIN20080118_200433_000000432065_00157_30772_9109.N1	18-JAN-2008 20:04:33	Tw_i_and_stray	42.500	33	50Zet Ori	1.7660	30000.	85	30772	No
354	GOM_NL__2PRFIN20080118_200659_000000522065_00157_30772_9110.N1	18-JAN-2008 20:06:59	Tw_i_and_stray	52.000	14	58Alp Ori	0.87000	3000.0	104	30772	No
355	GOM_NL__2PRFIN20080118_200922_000000532065_00157_30772_9111.N1	18-JAN-2008 20:09:22	Bright	53.000	44	24Gam Gem	1.9280	11000.	106	30772	No
356	GOM_NL__2PRFIN20080118_201106_000000382065_00157_30772_9112.N1	18-JAN-2008 20:11:06	Bright	38.000	151	13Mu Gem	2.8900	3000.0	76	30772	No
357	GOM_NL__2PRFIN20080118_201307_000000362065_00157_30772_9113.N1	18-JAN-2008 20:13:07	Bright	36.000	28	12Bet Tau	1.6500	15200.	72	30772	No
358	GOM_NL__2PRFIN20080118_201517_000000362065_00157_30772_9114.N1	18-JAN-2008 20:15:17	Bright	35.500	107	37The Aur	2.6490	11000.	71	30772	No
359	GOM_NL__2PRFIN20080118_201727_000000352065_00157_30772_9115.N1	18-JAN-2008 20:17:27	Bright	35.000	42	34Bet Aur	1.9000	10200.	70	30772	No
360	GOM_NL__2PRFIN20080118_203001_000000362065_00157_30772_9116.N1	18-JAN-2008 20:30:01	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	30772	No
361	GOM_NL__2PRFIN20080118_203815_000000342065_00157_30772_9117.N1	18-JAN-2008 20:38:15	Bright	34.000	119	14Eta Dra	2.7270	4700.0	68	30772	No
362	GOM_NL__2PRFIN20080118_204056_000000342065_00157_30772_9118.N1	18-JAN-2008 20:40:56	Bright	33.500	130	23Bet Dra	2.7990	5800.0	67	30772	No
363	GOM_NL__2PRFIN20080118_204715_000000362065_00157_30772_9119.N1	18-JAN-2008 20:47:15	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	30772	No
364	GOM_NL__2PRFIN20080118_205205_000000342065_00157_30772_9120.N1	18-JAN-2008 20:52:05	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	30772	No
365	GOM_NL__2PRFIN20080118_205412_000000332065_00157_30772_9121.N1	18-JAN-2008 20:54:12	Bright	32.500	126	60Bet Oph	2.7700	4250.0	65	30772	No
366	GOM_NL__2PRFIN20080118_205931_000000542065_00157_30772_9122.N1	18-JAN-2008 20:59:31	Bright	54.000	98	13Zet Oph	2.5710	30000.	108	30772	No
367	GOM_NL__2PRFIN20080118_210359_000000472065_00157_30772_9123.N1	18-JAN-2008 21:03:59	Twilight	47.000	16	21Alp Sco	1.0200	3000.0	94	30772	No
368	GOM_NL__2PRFIN20080118_210536_000000432065_00157_30772_9124.N1	18-JAN-2008 21:05:36	Twilight	43.000	75	26Eps Sco	2.2910	4250.0	86	30772	No
369	GOM_NL__2PRFIN20080118_210920_000000402065_00157_30772_9125.N1	18-JAN-2008 21:09:20	Dark	39.500	131	Gam Lup	2.8000	26000.	79	30772	No
370	GOM_NL__2PRFIN20080118_211111_000000412065_00157_30772_9126.N1	18-JAN-2008 21:11:11	Dark	40.500	109	Bet Lup	2.6770	26000.	81	30772	No
371	GOM_NL__2PRFIN20080118_211241_000000412065_00157_30772_9127.N1	18-JAN-2008 21:12:41	Dark	40.500	78	Alp Lup	2.3040	28000.	81	30772	No
372	GOM_NL__2PRFIN20080118_211507_000000412065_00158_30773_9110.N1	18-JAN-2008 21:15:07	Dark	40.500	4	Alp1Cen	-0.010000	5800.0	81	30773	No
373	GOM_NL__2PRFIN20080118_212002_000000422065_00158_30773_9111.N1	18-JAN-2008 21:20:02	Dark	41.500	129	Del Cru	2.7930	26000.	83	30773	No
374	GOM_NL__2PRFIN20080118_212401_000000412065_00158_30773_9112.N1	18-JAN-2008 21:24:01	Dark	40.500	29	Bet Car	1.6720	10200.	81	30773	No
375	GOM_NL__2PRFIN20080118_212602_000000432065_00158_30773_9113.N1	18-JAN-2008 21:26:02	Dark	43.000	71	lot Car	2.2460	7700.0	86	30773	No
376	GOM_NL__2PRFIN20080118_212753_000000412065_00158_30773_9114.N1	18-JAN-2008 21:27:53	Dark	41.000	46	Del Vel	1.9540	10600.	82	30773	No
377	GOM_NL__2PRFIN20080118_213034_000000422065_00158_30773_9115.N1	18-JAN-2008 21:30:34	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	30773	No
378	GOM_NL__2PRFIN20080118_213242_000000412065_00158_30773_9116.N1	18-JAN-2008 21:32:42	Dark	41.000	70	Zet Pup	2.2460	39000.	82	30773	No
379	GOM_NL__2PRFIN20080118_213418_000000422065_00158_30773_9117.N1	18-JAN-2008 21:34:18	Straylight	42.000	117	Pi Pup	2.7060	3800.0	84	30773	No
380	GOM_NL__2PRFIN20080118_213650_000000432065_00158_30773_9118.N1	18-JAN-2008 21:36:50	Straylight	43.000	23	21Eps CMa	1.5020	26000.	86	30773	No
381	GOM_NL__2PRFIN20080118_213814_000000402065_00158_30773_9119.N1	18-JAN-2008 21:38:14	Straylight	40.000	179	24Omi2CMa	3.0320	24000.	80	30773	No
382	GOM_NL__2PRFIN20080118_214026_000000462065_00158_30773_9120.N1	18-JAN-2008 21:40:26	Straylight	45.500	1	9Alp CMa	-1.4400	11000.	91	30773	No
383	GOM_NL__2PRFIN20080118_214257_000000412065_00158_30773_9121.N1	18-JAN-2008 21:42:57	Straylight	41.000	56	53Kap Ori	2.0650	30000.	82	30773	No
384	GOM_NL__2PRFIN20080118_214509_000000392065_00158_30773_9122.N1	18-JAN-2008 21:45:09	Tw_i_and_stray	39.000	33	50Zet Ori	1.7660	30000.	78	30773	No
385	GOM_NL__2PRFIN20080118_214735_000000512065_00158_30773_9123.N1	18-JAN-2008 21:47:35	Tw_i_and_stray	50.500	14	58Alp Ori	0.87000	3000.0	101	30773	No
386	GOM_NL__2PRFIN20080118_214958_000000382065_00158_30773_9124.N1	18-JAN-2008 21:49:58	Bright	38.000	44	24Gam Gem	1.9280	11000.	76	30773	No
387	GOM_NL__2PRFIN20080118_215142_000000392065_00158_30773_9125.N1	18-JAN-2008 21:51:42	Bright	39.000	151	13Mu Gem	2.8900	3000.0	78	30773	No
388	GOM_NL__2PRFIN20080118_215343_000000372065_00158_30773_9126.N1	18-JAN-2008 21:53:43	Bright	36.500	28	12Bet Tau	1.6500	15200.	73	30773	No
389	GOM_NL__2PRFIN20080118_215552_000000352065_00158_30773_9127.N1	18-JAN-2008 21:55:52	Bright	35.000	107	37The Aur	2.6490	11000.	70	30773	No
390	GOM_NL__2PRFIN20080118_215803_000000362065_00158_30773_9128.N1	18-JAN-2008 21:58:03	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	30773	No
391	GOM_NL__2PRFIN20080118_221037_000000362065_00158_30773_9129.N1	18-JAN-2008 22:10:37	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	30773	No
392	GOM_NL__2PRFIN20080118_221851_000000362065_00158_30773_9130.N1	18-JAN-2008 22:18:51	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	30773	No
393	GOM_NL__2PRFIN20080118_222132_000000342065_00158_30773_9131.N1	18-JAN-2008 22:21:32	Bright	33.500	130	23Bet Dra	2.7990	5800.0	67	30773	No
394	GOM_NL__2PRFIN20080118_222751_000000552065_00158_30773_9132.N1	18-JAN-2008 22:27:51	Bright	55.000	133	40Zet Her	2.8070	6000.0	110	30773	No
395	GOM_NL__2PRFIN20080118_223241_000000342065_00158_30773_9133.N1	18-JAN-2008 22:32:41	Bright	33.500	59	55Alp Oph	2.0800	8900.0	67	30773	No
396	GOM_NL__2PRFIN20080118_223448_000000342065_00158_30773_9134.N1	18-JAN-2008 22:34:48	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	30773	No

397	GOM_NL__2PRFIN20080118_224007_000000542065_00158_30773_9135.N1	18-JAN-2008 22:40:07	Bright	53.500	98	13Zet Oph	2.5710	30000.	107	30773	No
398	GOM_NL__2PRFIN20080118_224436_000000532065_00158_30773_9136.N1	18-JAN-2008 22:44:36	Twilight	53.000	16	21Alp Sco	1.0200	3000.0	106	30773	No
399	GOM_NL__2PRFIN20080118_224612_000000432065_00158_30773_9137.N1	18-JAN-2008 22:46:12	Twilight	43.000	75	26Eps Sco	2.2910	4250.0	86	30773	No
400	GOM_NL__2PRFIN20080118_224957_000000382065_00158_30773_9138.N1	18-JAN-2008 22:49:57	Dark	37.500	131	Gam Lup	2.8000	26000.	75	30773	No
401	GOM_NL__2PRFIN20080118_225147_000000442065_00158_30773_9139.N1	18-JAN-2008 22:51:47	Dark	43.500	109	Bet Lup	2.6770	26000.	87	30773	No
402	GOM_NL__2PRFIN20080118_225318_000000412065_00158_30773_9140.N1	18-JAN-2008 22:53:18	Dark	40.500	78	Alp Lup	2.3040	28000.	81	30773	No
403	GOM_NL__2PRFIN20080118_225544_000000542065_00159_30774_9124.N1	18-JAN-2008 22:55:44	Dark	54.000	4	Alp1Cen	-0.010000	5800.0	108	30774	No
404	GOM_NL__2PRFIN20080118_230038_000000412065_00159_30774_9125.N1	18-JAN-2008 23:00:38	Dark	40.500	129	Del Cru	2.7930	26000.	81	30774	No
405	GOM_NL__2PRFIN20080118_230437_000000382065_00159_30774_9126.N1	18-JAN-2008 23:04:37	Dark	37.500	29	Bet Car	1.6720	10200.	75	30774	No
406	GOM_NL__2PRFIN20080118_230638_000000412065_00159_30774_9127.N1	18-JAN-2008 23:06:38	Dark	40.500	71	lot Car	2.2460	7700.0	81	30774	No
407	GOM_NL__2PRFIN20080118_230829_000000412065_00159_30774_9128.N1	18-JAN-2008 23:08:29	Dark	40.500	46	Del Vel	1.9540	10600.	81	30774	No
408	GOM_NL__2PRFIN20080118_231110_000000422065_00159_30774_9129.N1	18-JAN-2008 23:11:10	Dark	42.000	34	Gam2Vel	1.7930	23000.	84	30774	No
409	GOM_NL__2PRFIN20080118_231318_000000402065_00159_30774_9130.N1	18-JAN-2008 23:13:18	Dark	39.500	70	Zet Pup	2.2460	39000.	79	30774	No
410	GOM_NL__2PRFIN20080118_231454_000000402065_00159_30774_9131.N1	18-JAN-2008 23:14:54	Straylight	39.500	117	Pi Pup	2.7060	3800.0	79	30774	No
411	GOM_NL__2PRFIN20080118_231726_000000422065_00159_30774_9132.N1	18-JAN-2008 23:17:26	Straylight	42.000	23	21Eps CMa	1.5020	26000.	84	30774	No
412	GOM_NL__2PRFIN20080118_231850_000000402065_00159_30774_9133.N1	18-JAN-2008 23:18:50	Straylight	39.500	179	24Omi2CMa	3.0320	24000.	79	30774	No
413	GOM_NL__2PRFIN20080118_232102_000000482065_00159_30774_9134.N1	18-JAN-2008 23:21:02	Straylight	47.500	1	9Alp CMa	-1.4400	11000.	95	30774	No
414	GOM_NL__2PRFIN20080118_232333_000000392065_00159_30774_9135.N1	18-JAN-2008 23:23:33	Straylight	38.500	56	53Kap Ori	2.0650	30000.	77	30774	No
415	GOM_NL__2PRFIN20080118_232545_000000432065_00159_30774_9136.N1	18-JAN-2008 23:25:45	Twilight	43.000	33	50Zet Ori	1.7660	30000.	86	30774	No
416	GOM_NL__2PRFIN20080118_232811_000000522065_00159_30774_9137.N1	18-JAN-2008 23:28:11	Twilight	52.000	14	58Alp Ori	0.87000	3000.0	104	30774	No
417	GOM_NL__2PRFIN20080118_233034_000000492065_00159_30774_9138.N1	18-JAN-2008 23:30:34	Bright	49.000	44	24Gam Gem	1.9280	11000.	98	30774	No
418	GOM_NL__2PRFIN20080118_233218_000000412065_00159_30774_9139.N1	18-JAN-2008 23:32:18	Bright	40.500	151	13Mu Gem	2.8900	3000.0	81	30774	No
419	GOM_NL__2PRFIN20080118_233419_000000382065_00159_30774_9140.N1	18-JAN-2008 23:34:19	Bright	38.000	28	12Bet Tau	1.6500	15200.	76	30774	No
420	GOM_NL__2PRFIN20080118_233628_000000372065_00159_30774_9141.N1	18-JAN-2008 23:36:28	Bright	36.500	107	37The Aur	2.6490	11000.	73	30774	No
421	GOM_NL__2PRFIN20080118_233839_000000342065_00159_30774_9142.N1	18-JAN-2008 23:38:39	Bright	34.000	42	34Bet Aur	1.9000	10200.	68	30774	No
422	GOM_NL__2PRFIN20080118_235113_000000332065_00159_30774_9143.N1	18-JAN-2008 23:51:13	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	30774	No
423	GOM_NL__2PRFIN20080118_235927_000000392065_00159_30774_9144.N1	18-JAN-2008 23:59:27	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	30774	No

### 3. Quality information per product

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

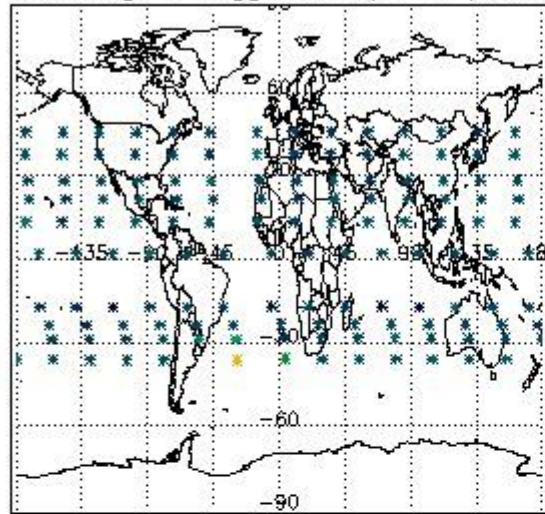
#### 3.1 Plot quality information per product (time dependant)



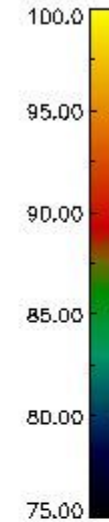
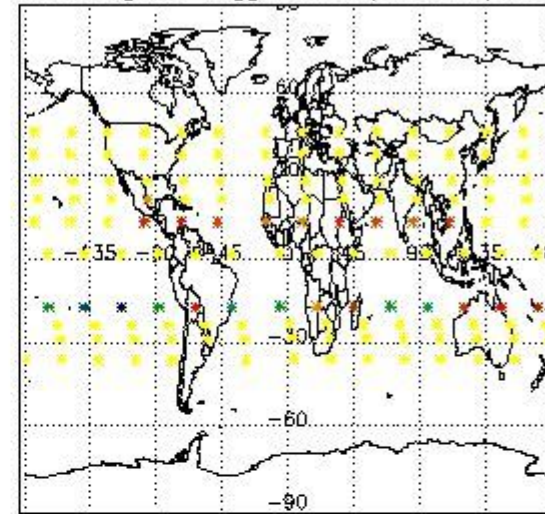
3.2 Plot quality information per product (world map)



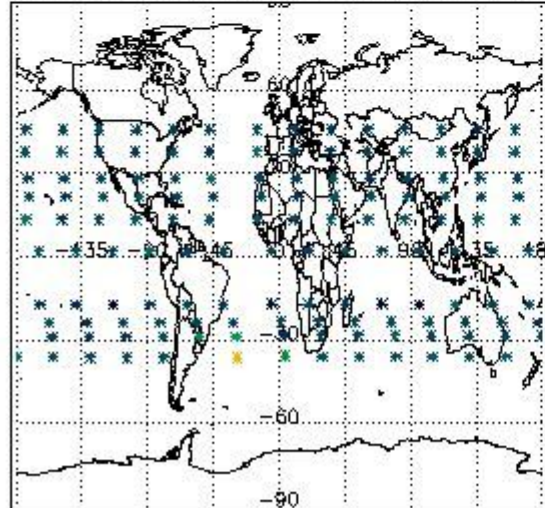
Percentage of flagged data per O3 profile



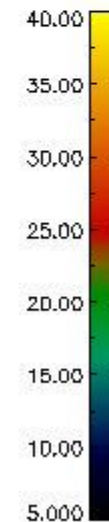
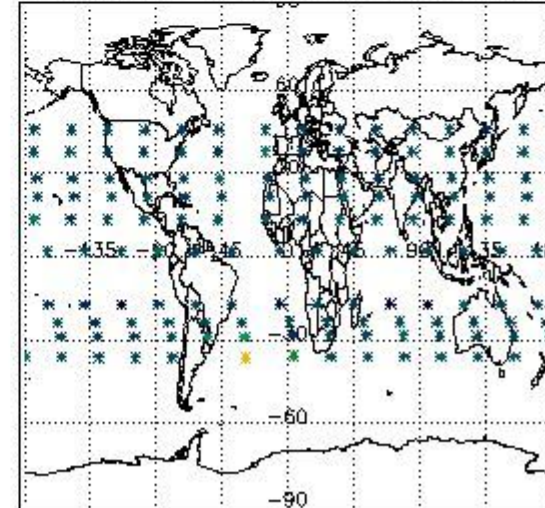
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

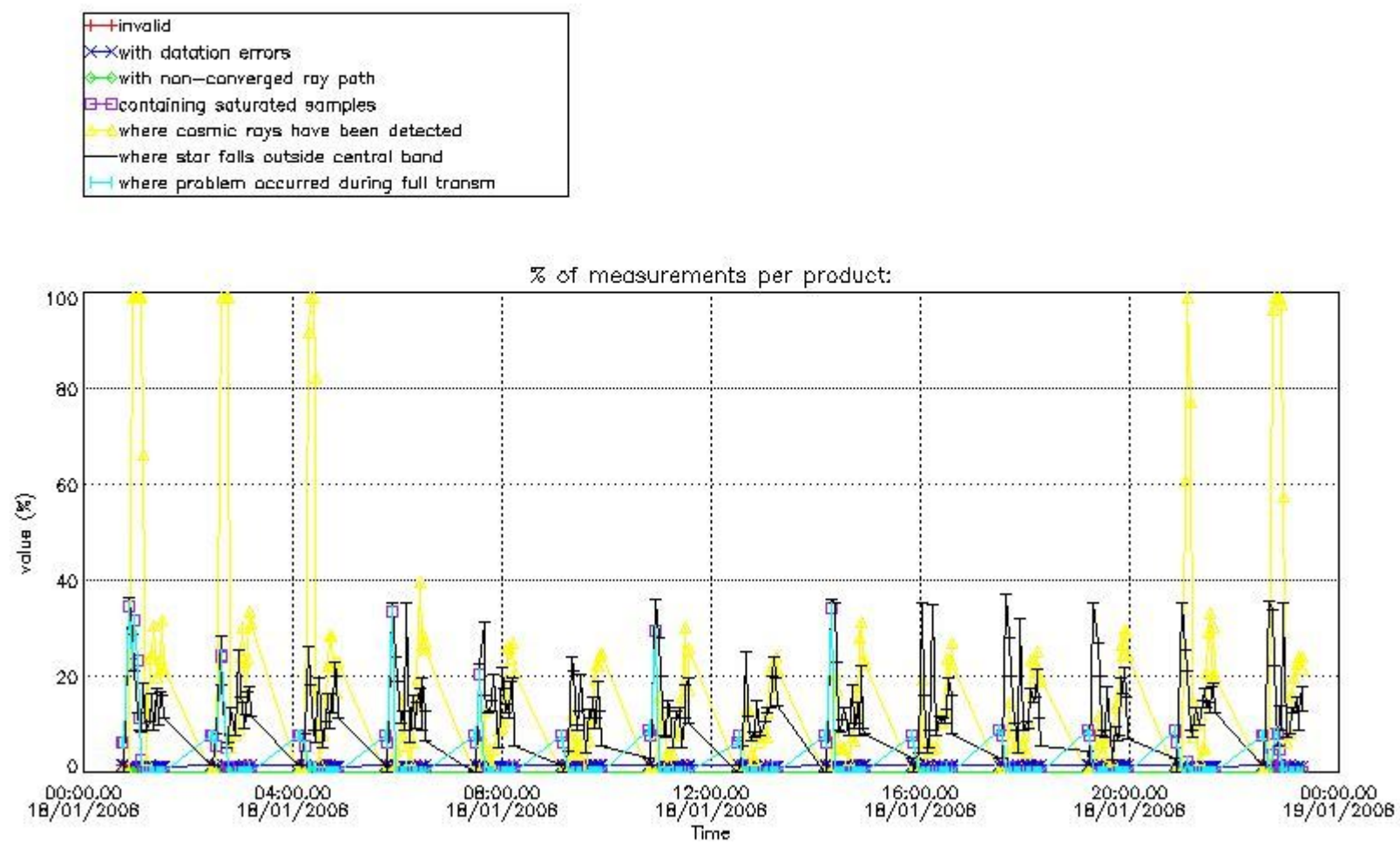


#### 4. Level 1 quality information per product

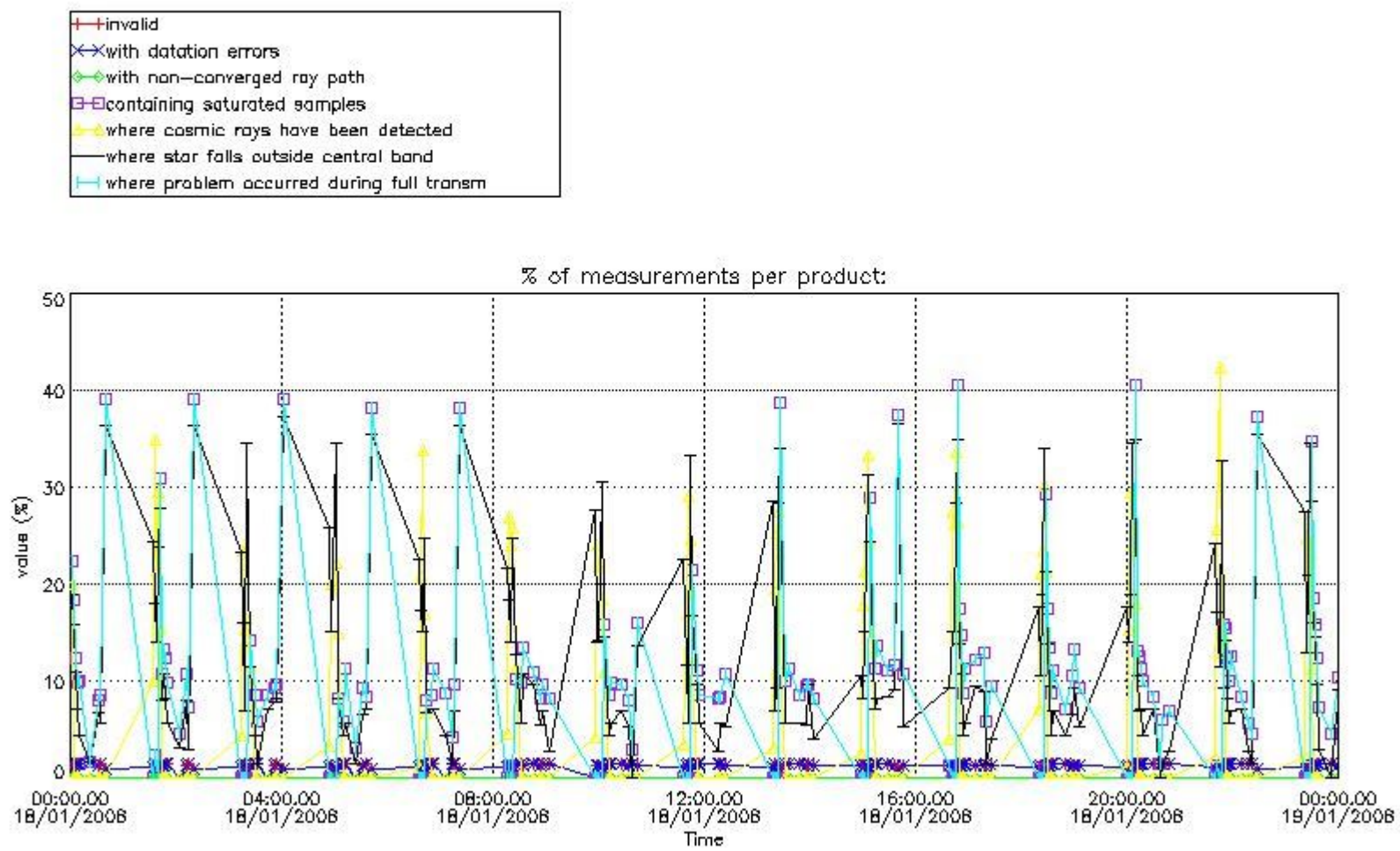
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



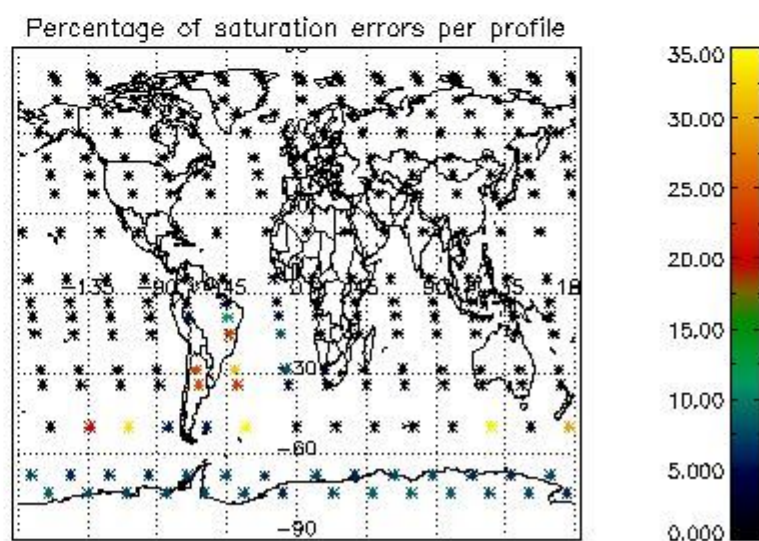
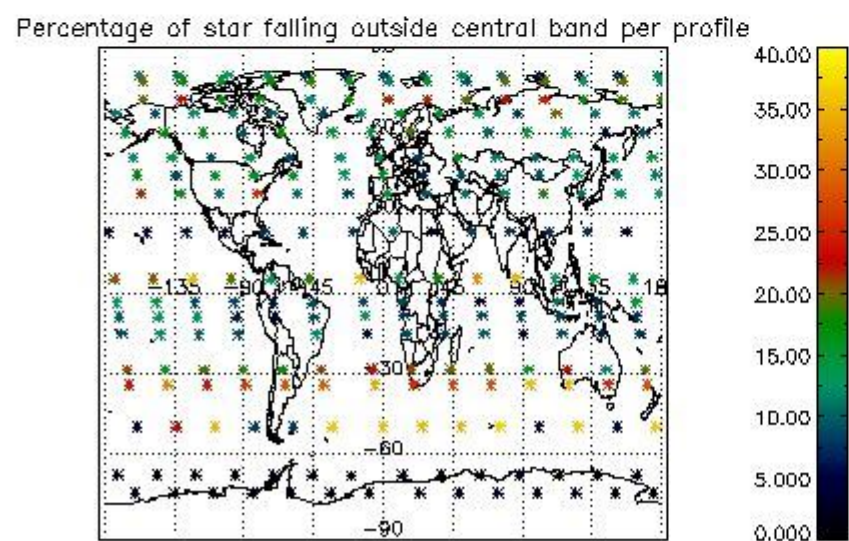
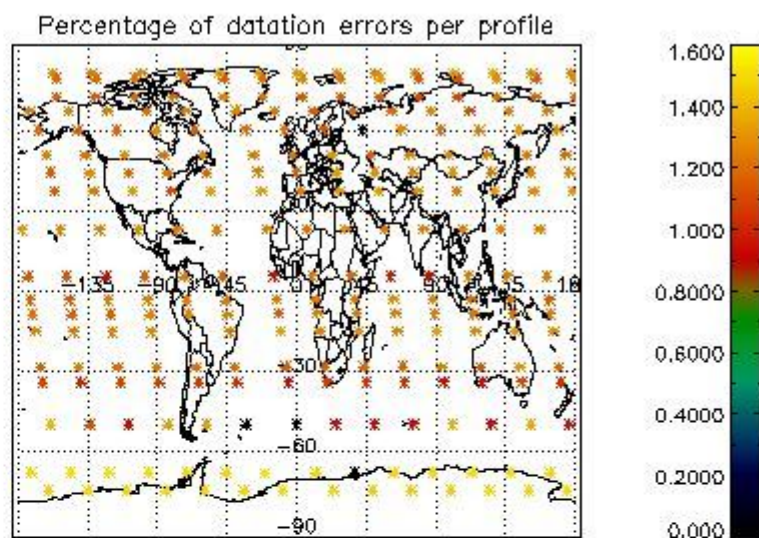
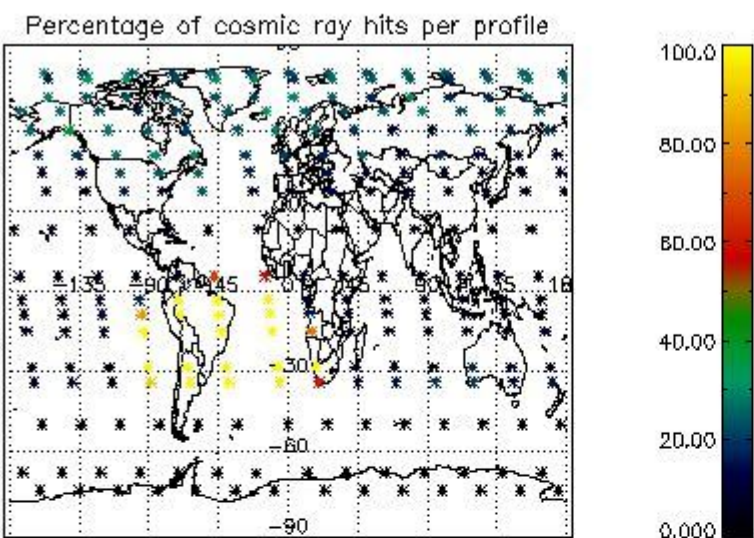
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



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

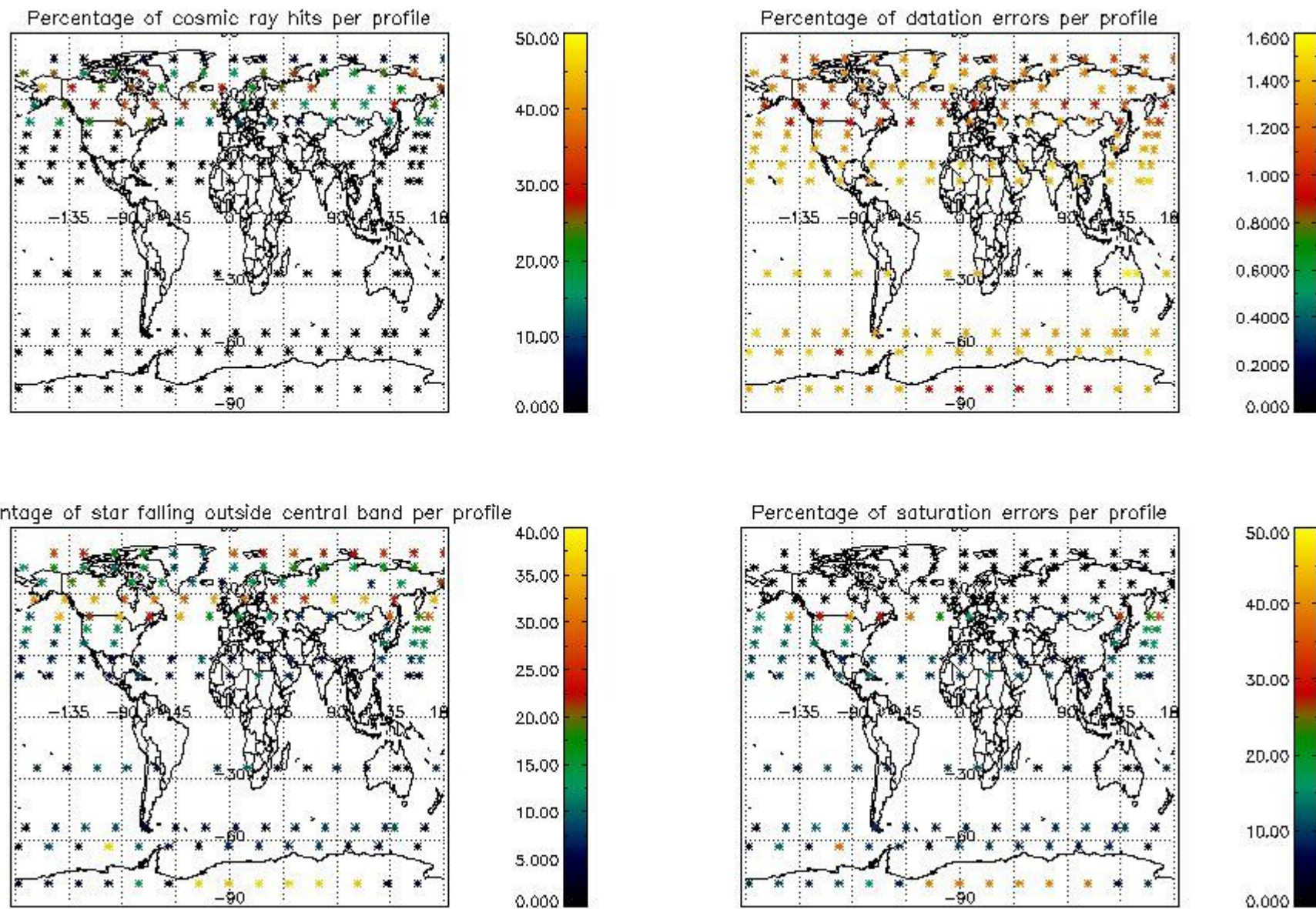
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes





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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

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

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

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

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

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

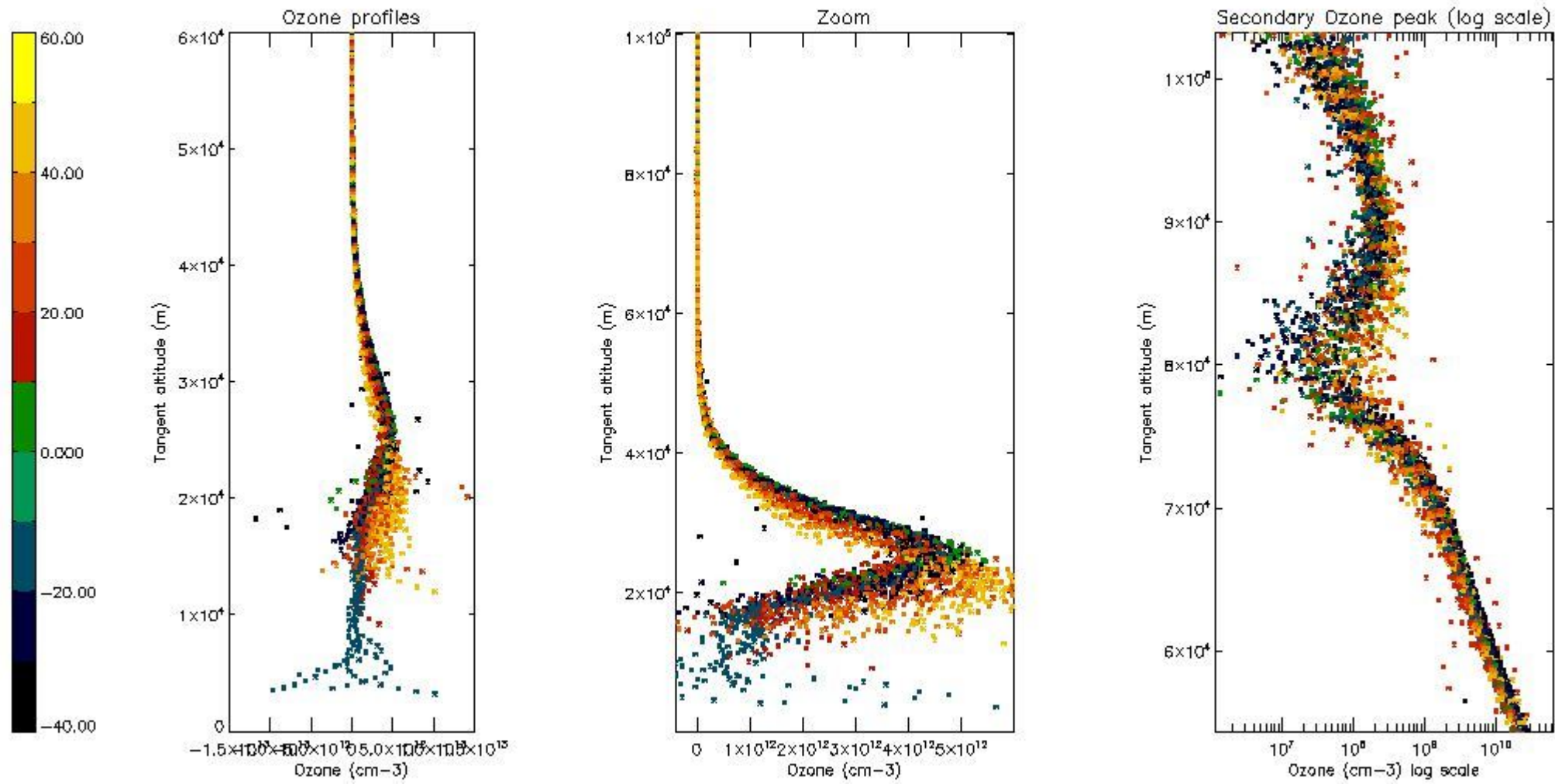
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	34
STD < 20	21

STD < 10	18
STD < 5	13

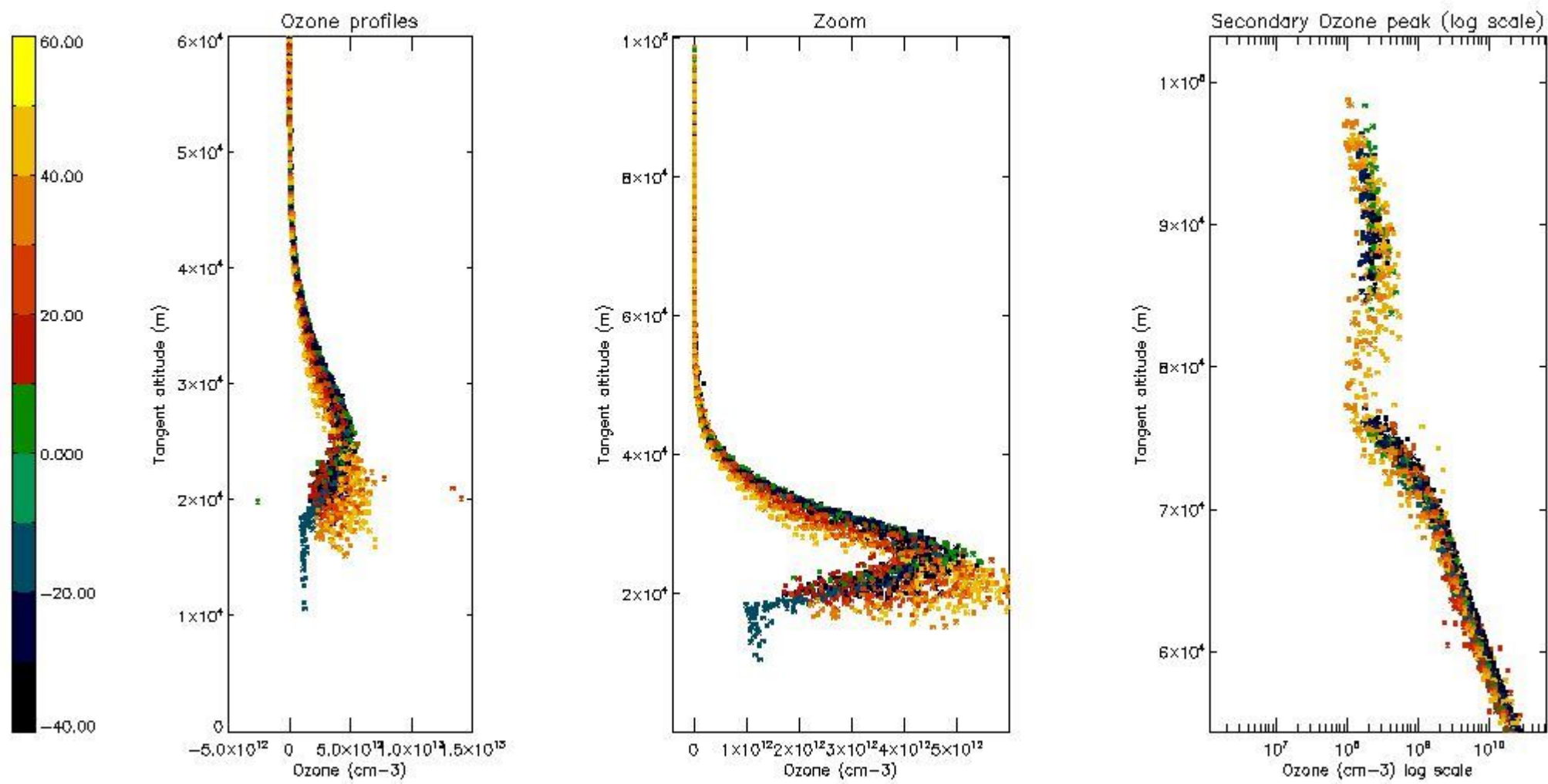
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

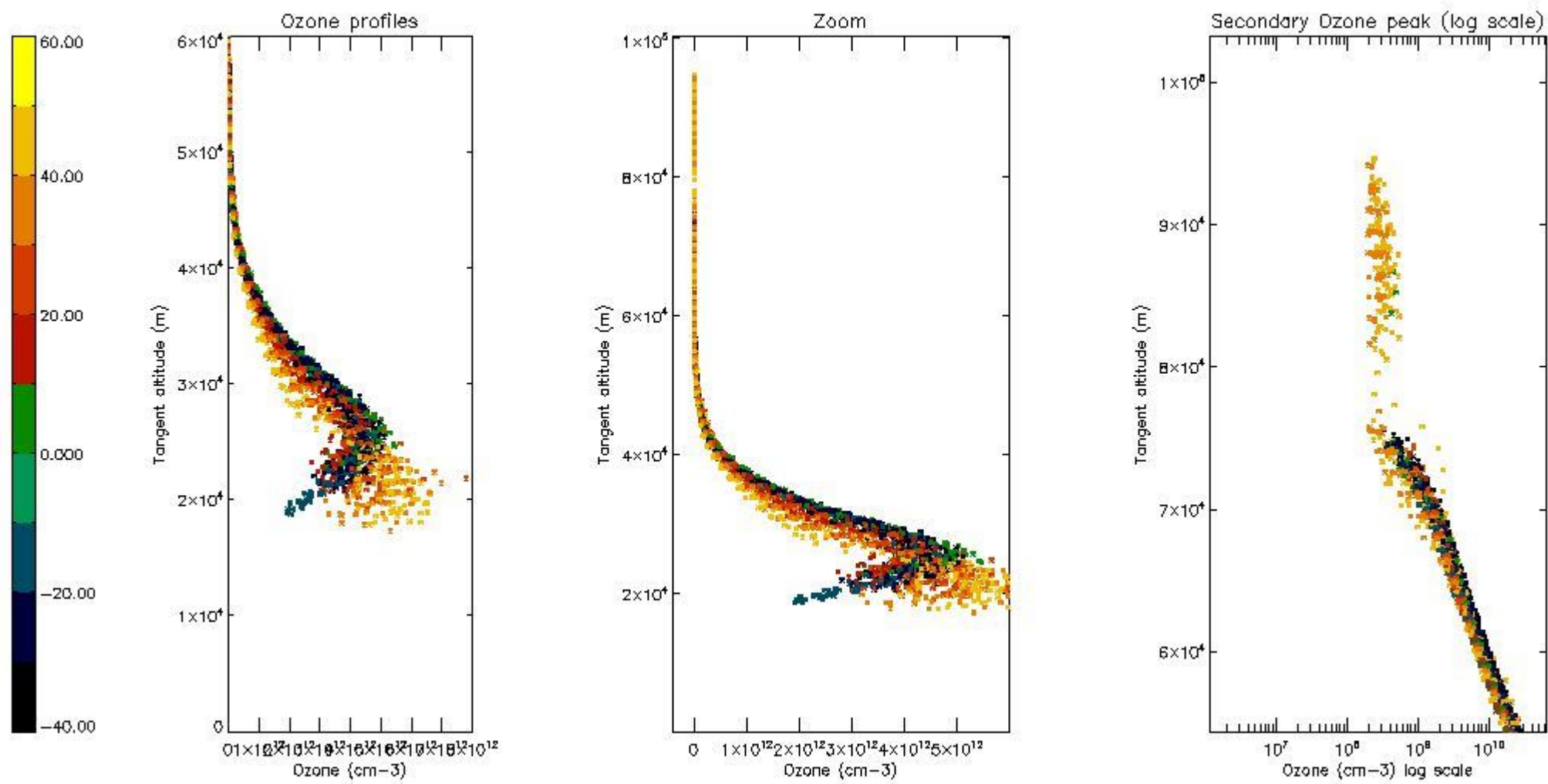
The colorbar represents the latitude.



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

The colorbar represents the latitude.

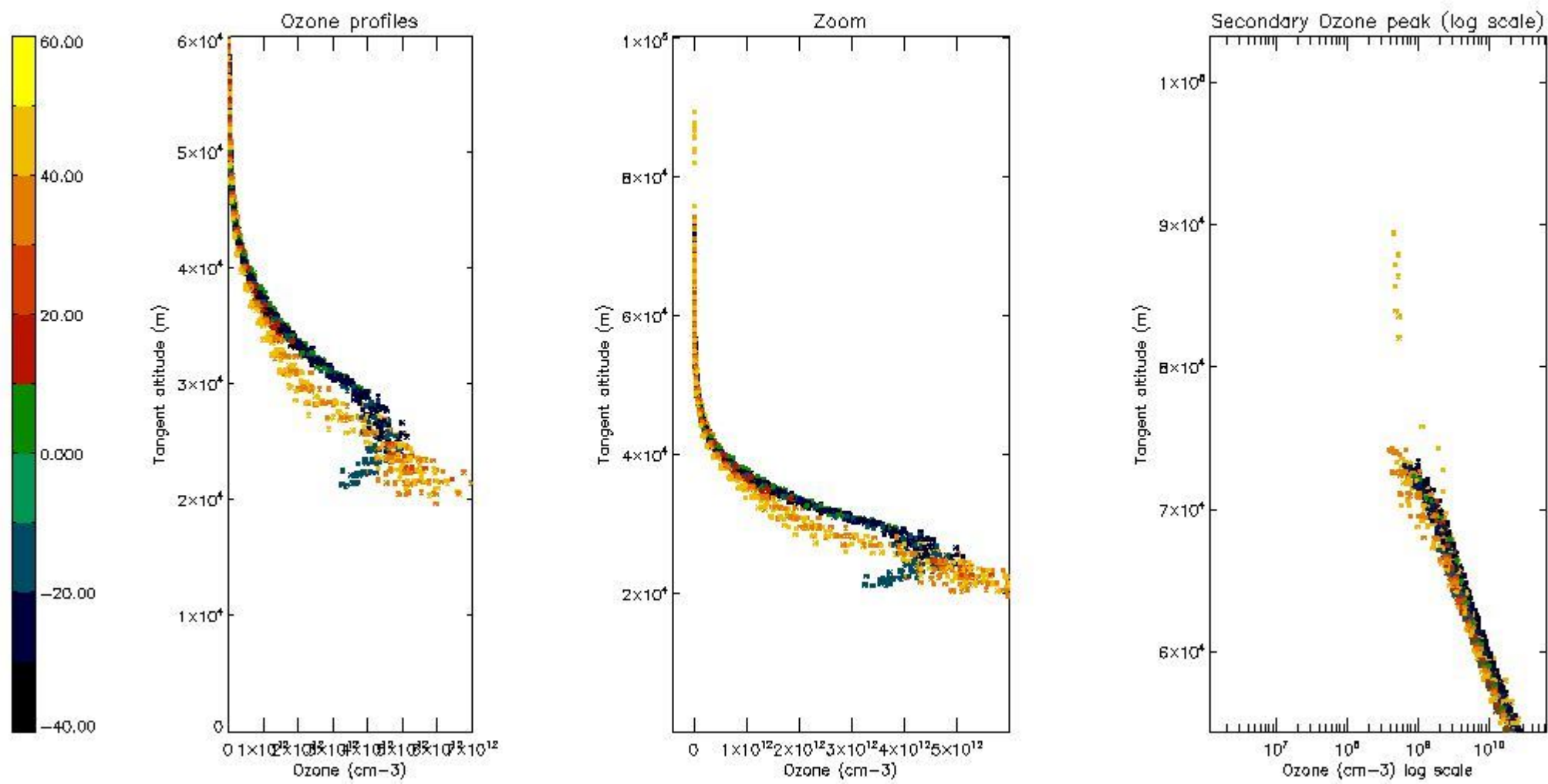




*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

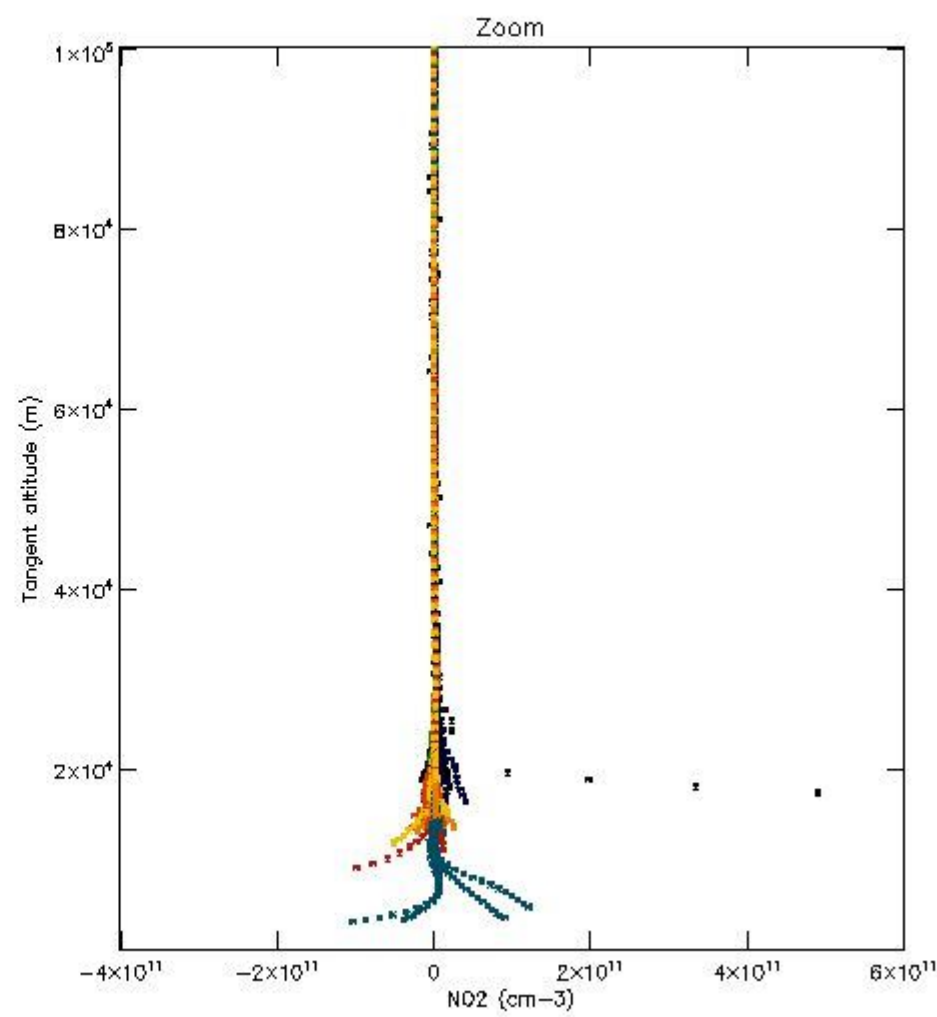
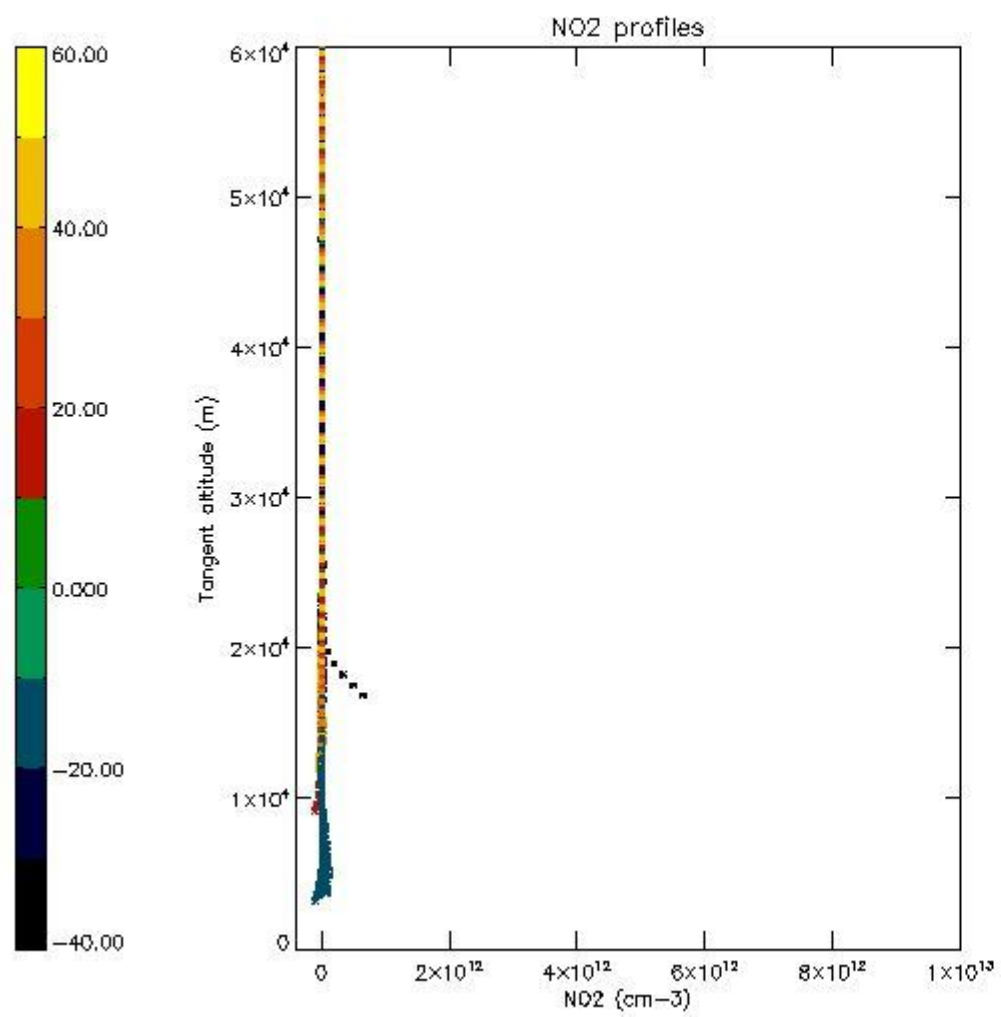
The colorbar represents the latitude.





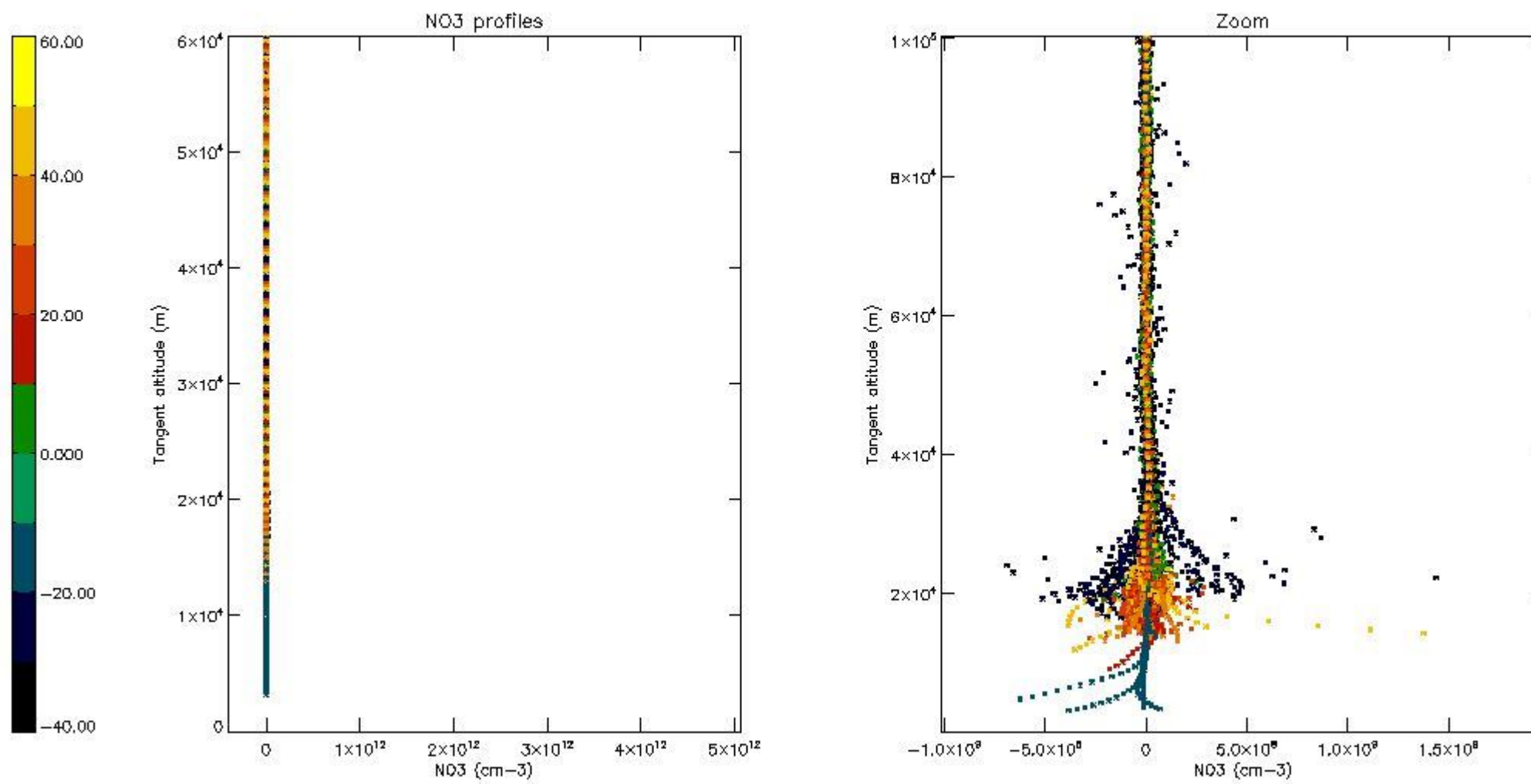
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



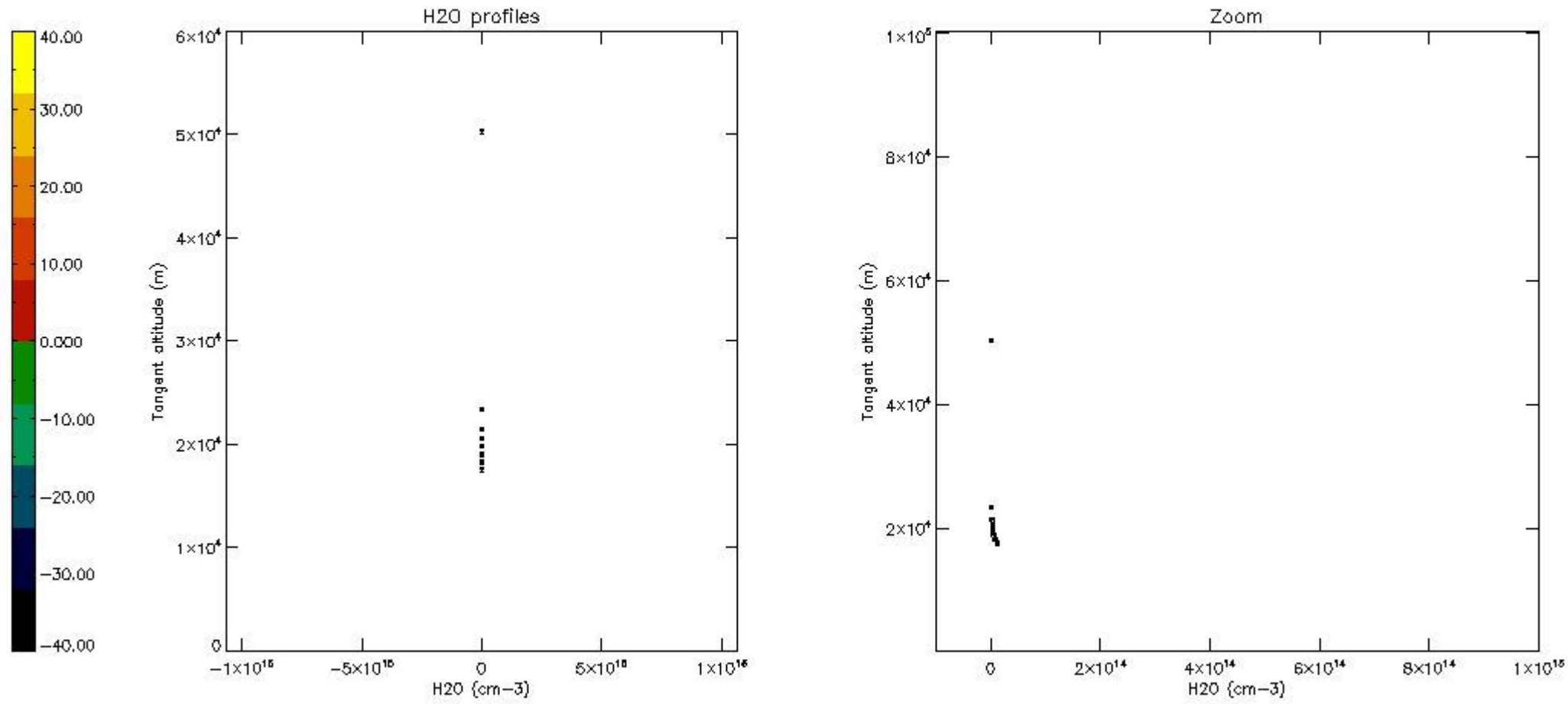
*5.7 Plot NO3 profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

The colorbar represents the latitude.

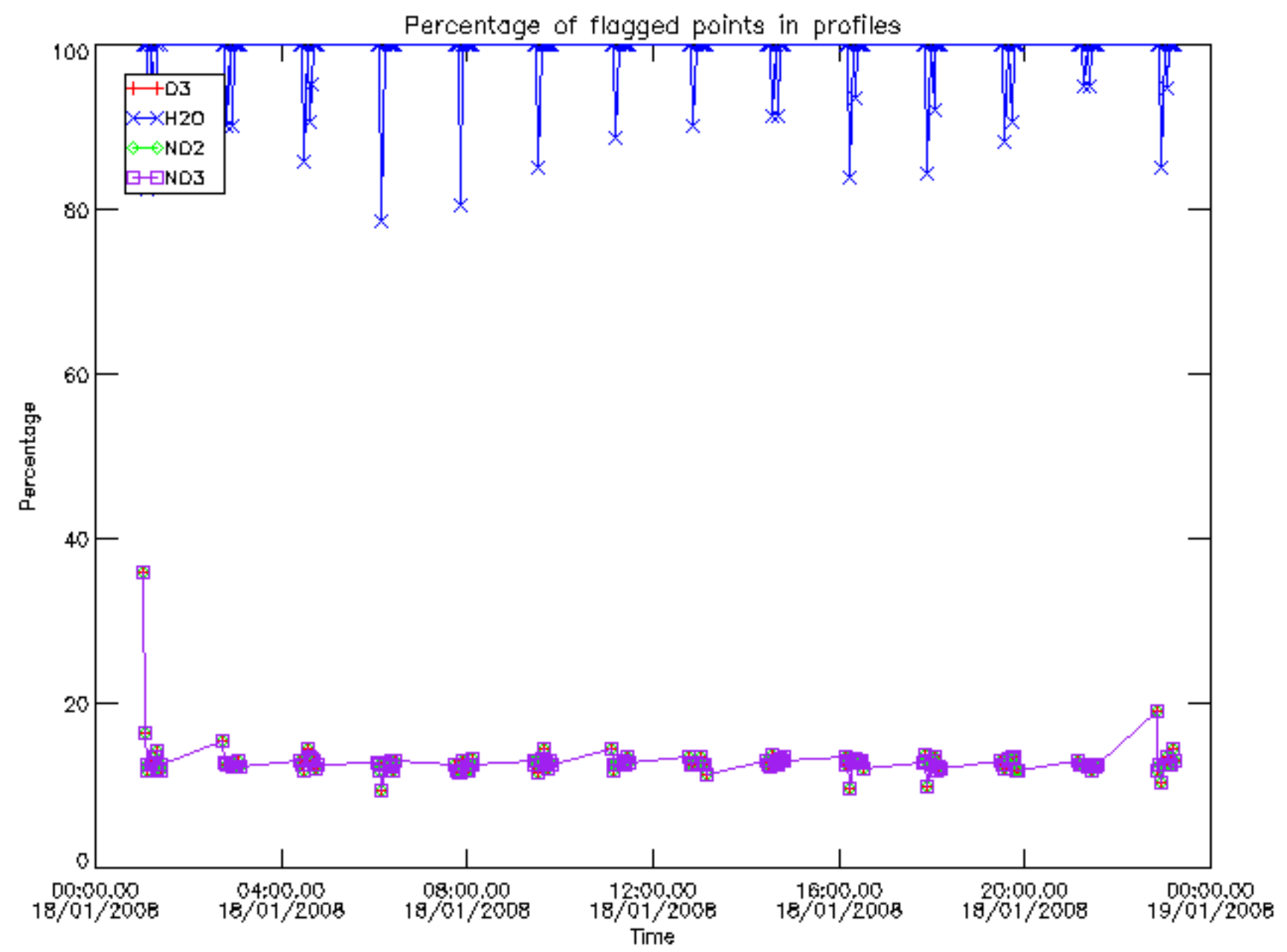


## 6. Auxiliary Data Files used for the production reported in section 2

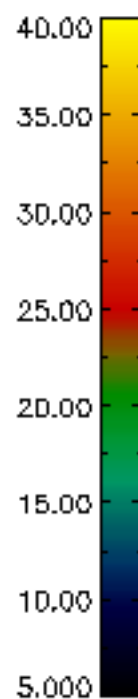
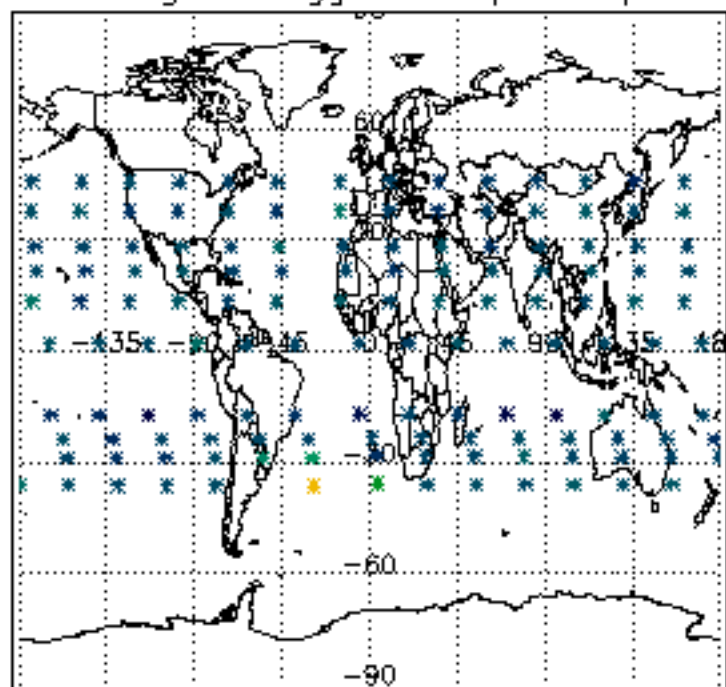
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	18-JAN-2008 00:02:11
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	18-JAN-2008 00:02:11
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	18-JAN-2008 00:02:11

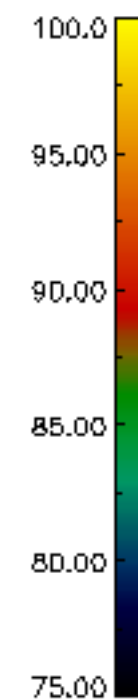
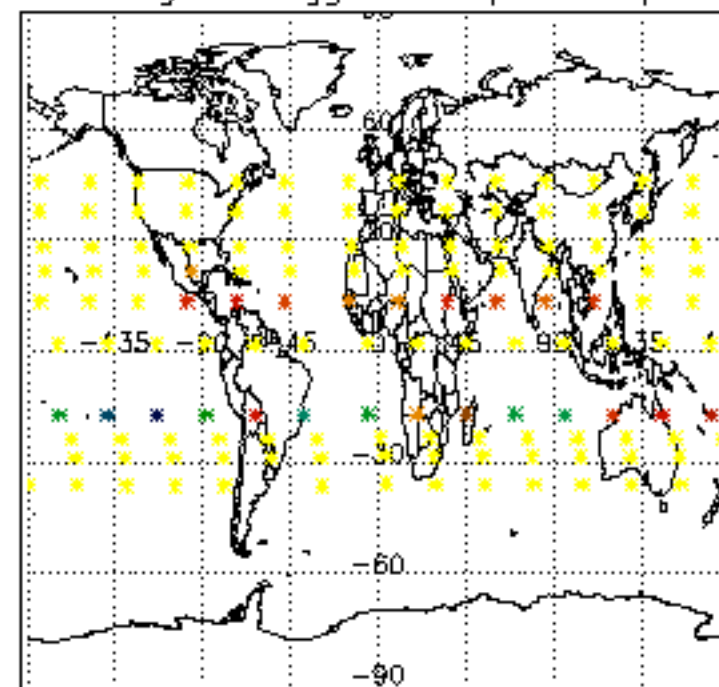




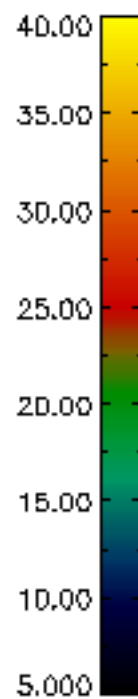
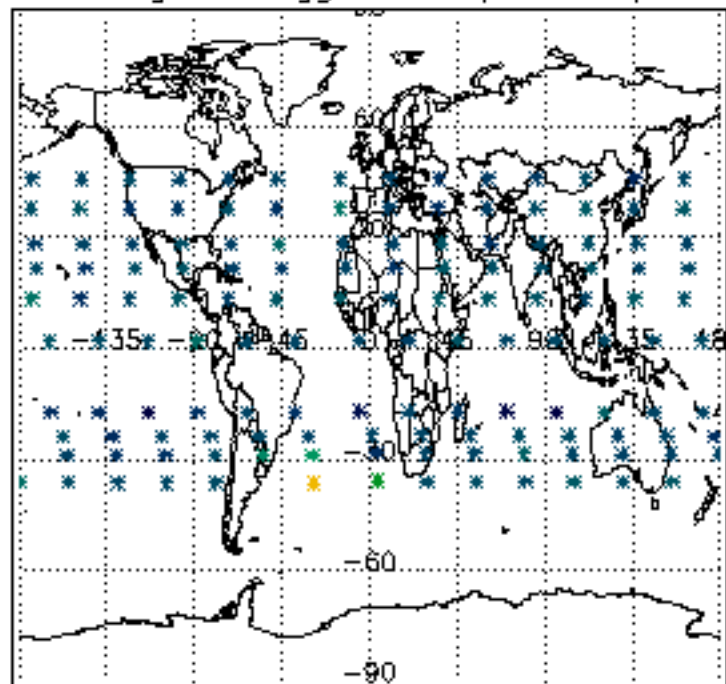
Percentage of flagged data per D3 profile



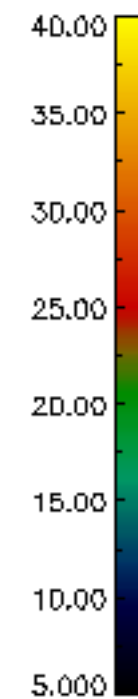
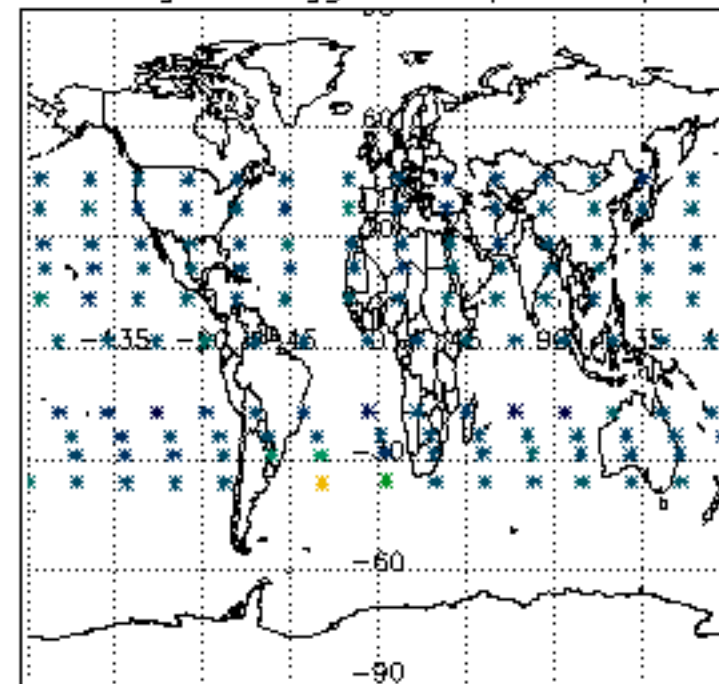
Percentage of flagged data per H2O profile

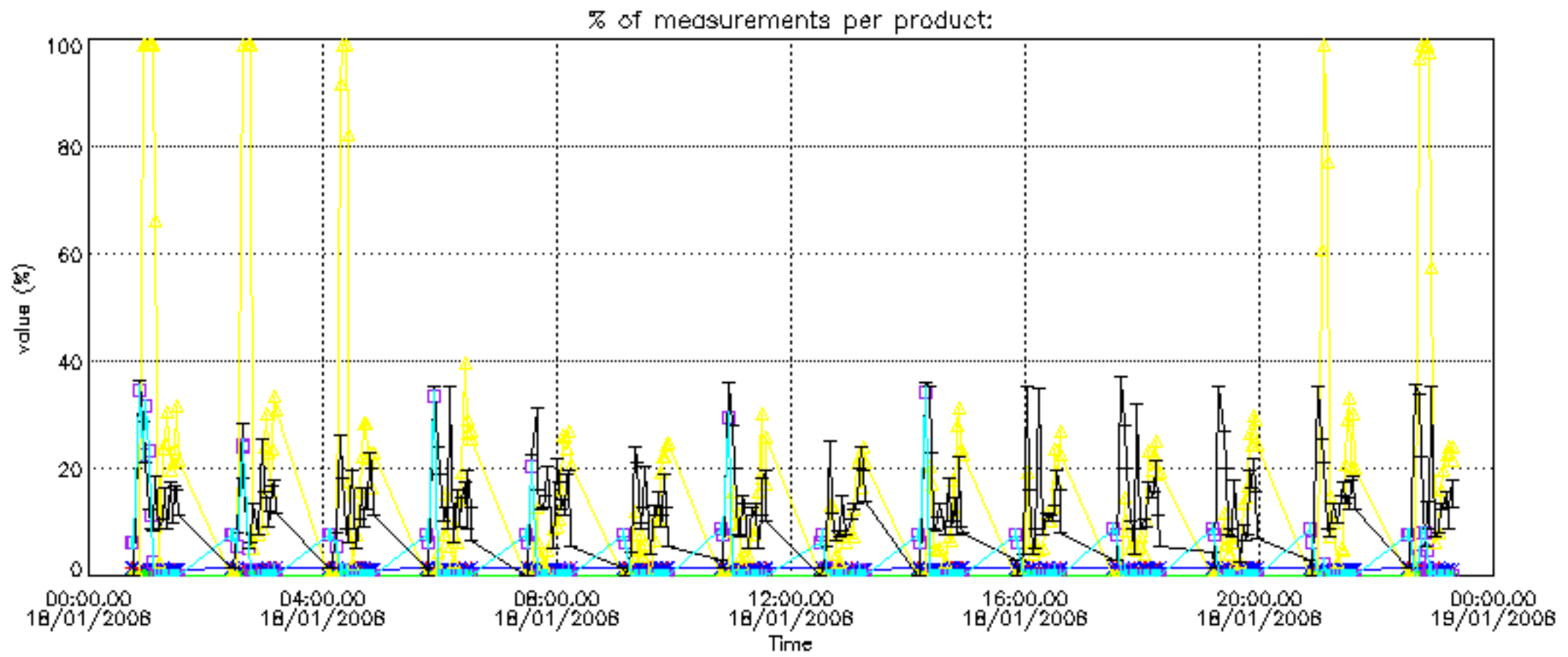


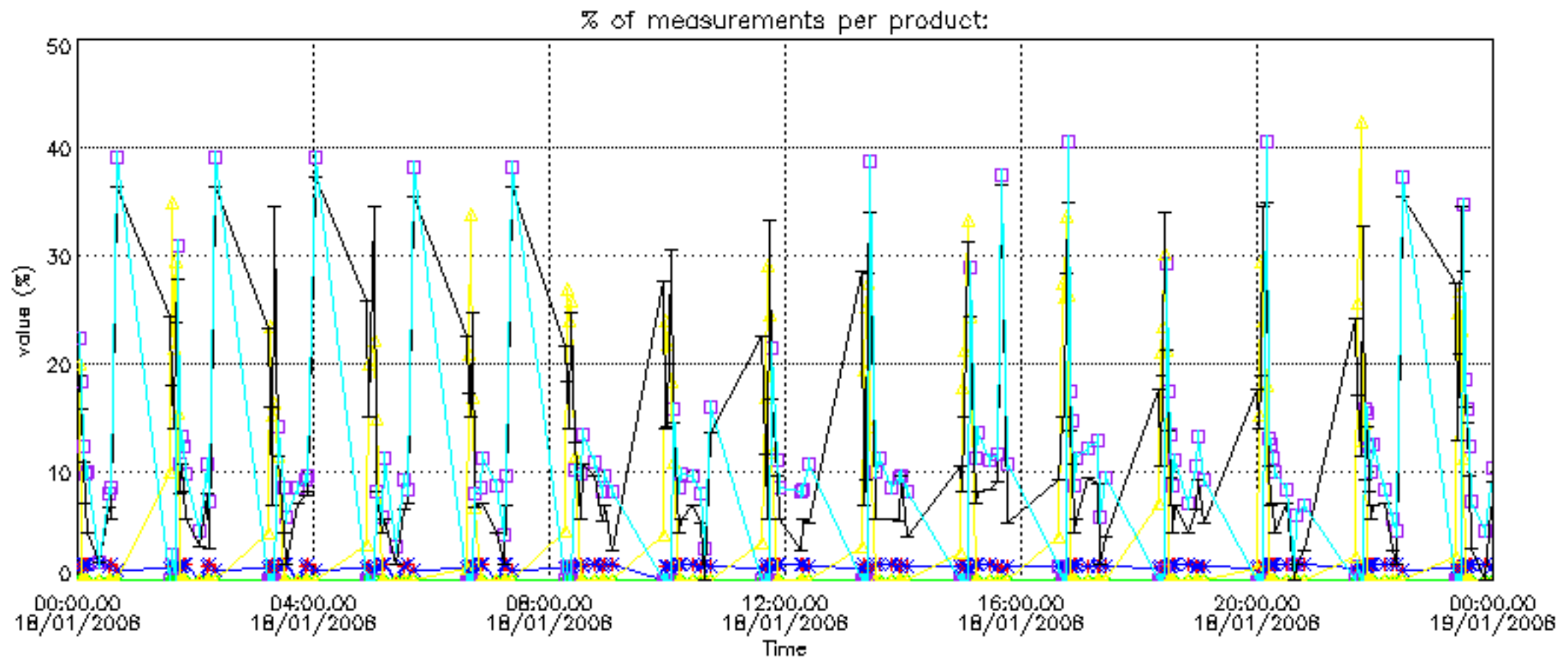
Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

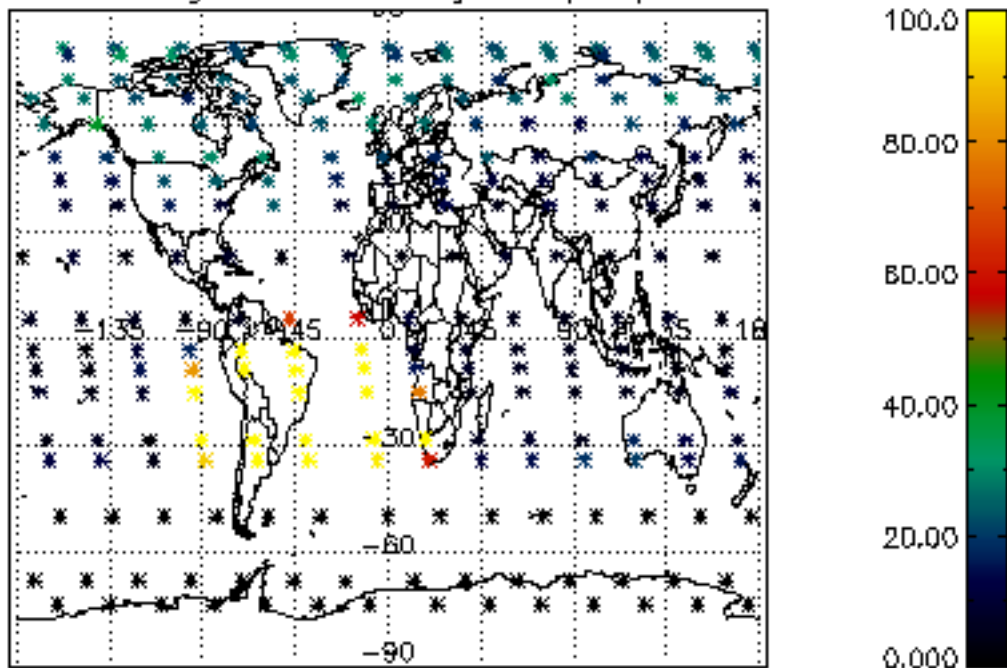




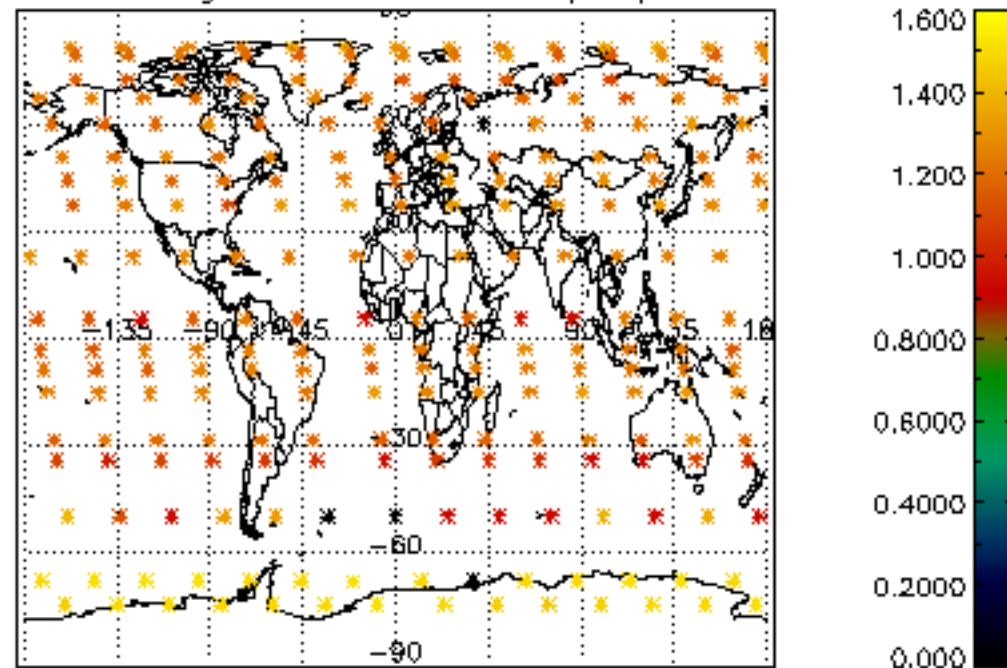




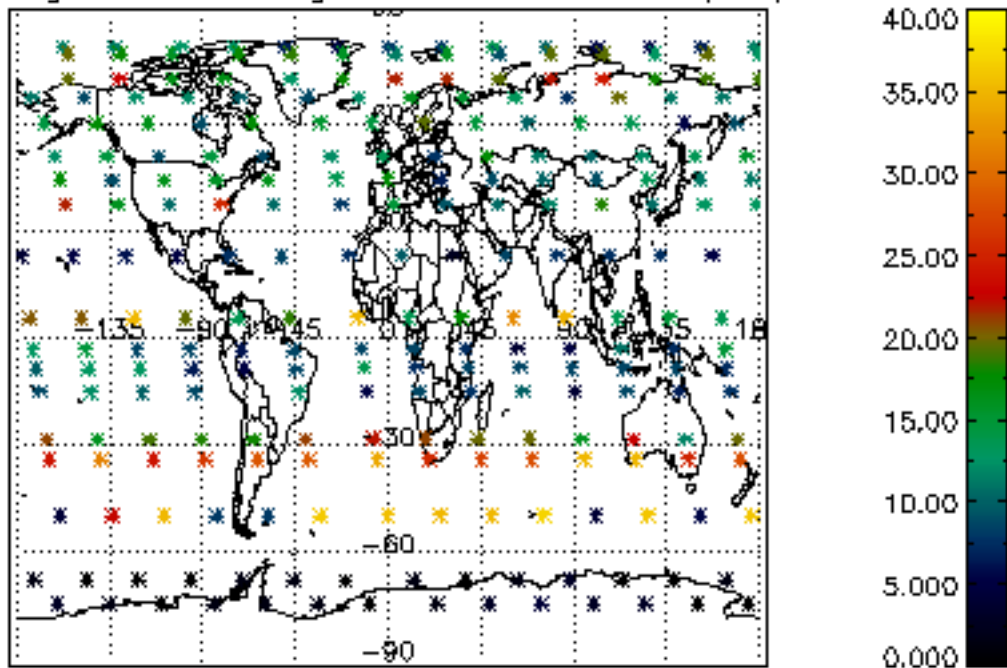
Percentage of cosmic ray hits per profile



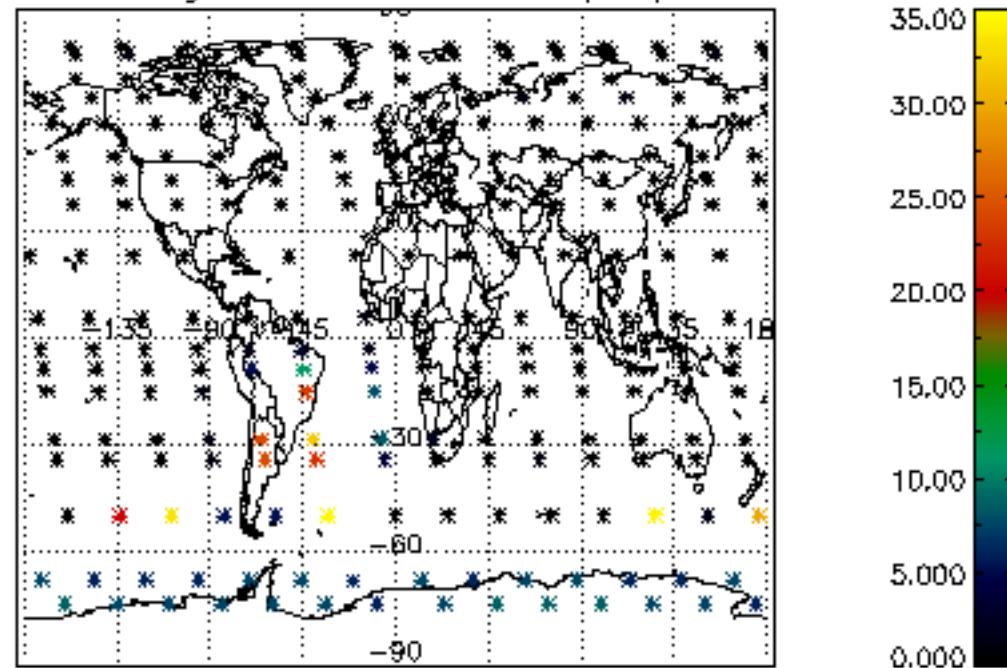
Percentage of datation errors per profile



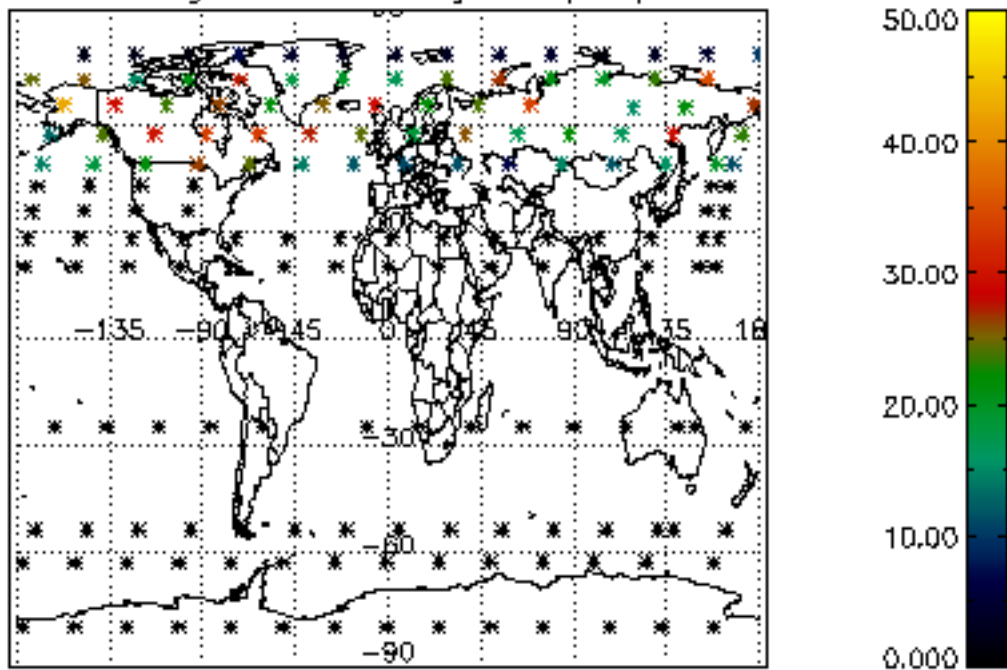
Percentage of star falling outside central band per profile



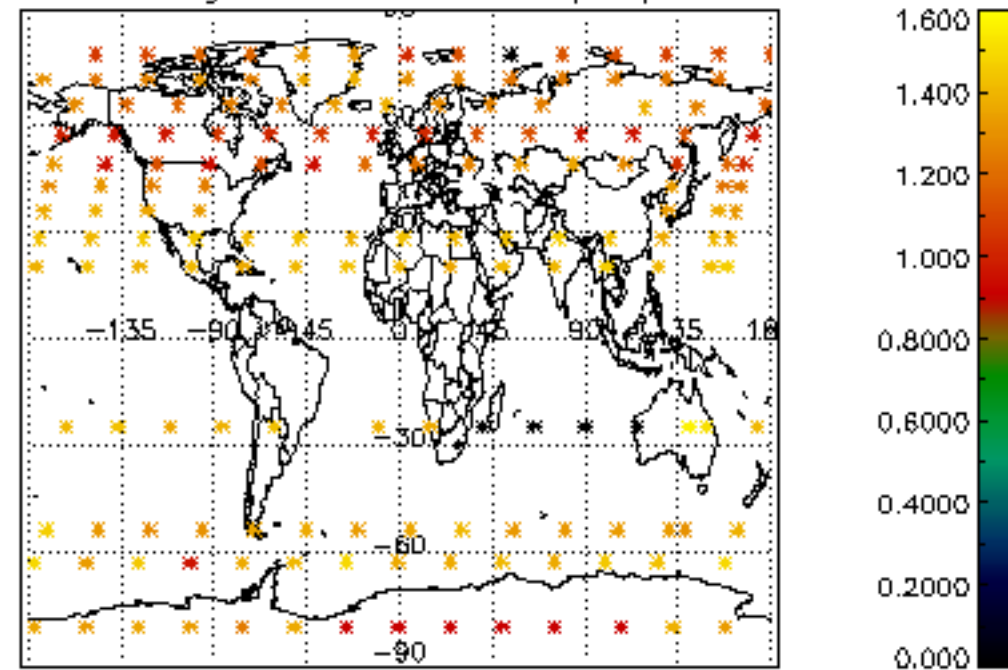
Percentage of saturation errors per profile



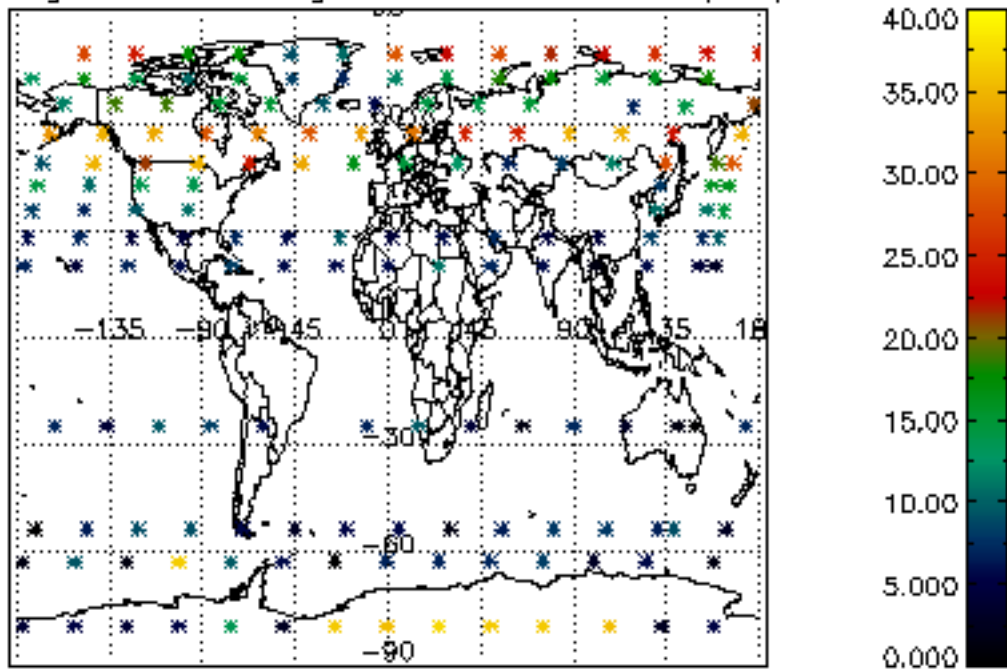
Percentage of cosmic ray hits per profile



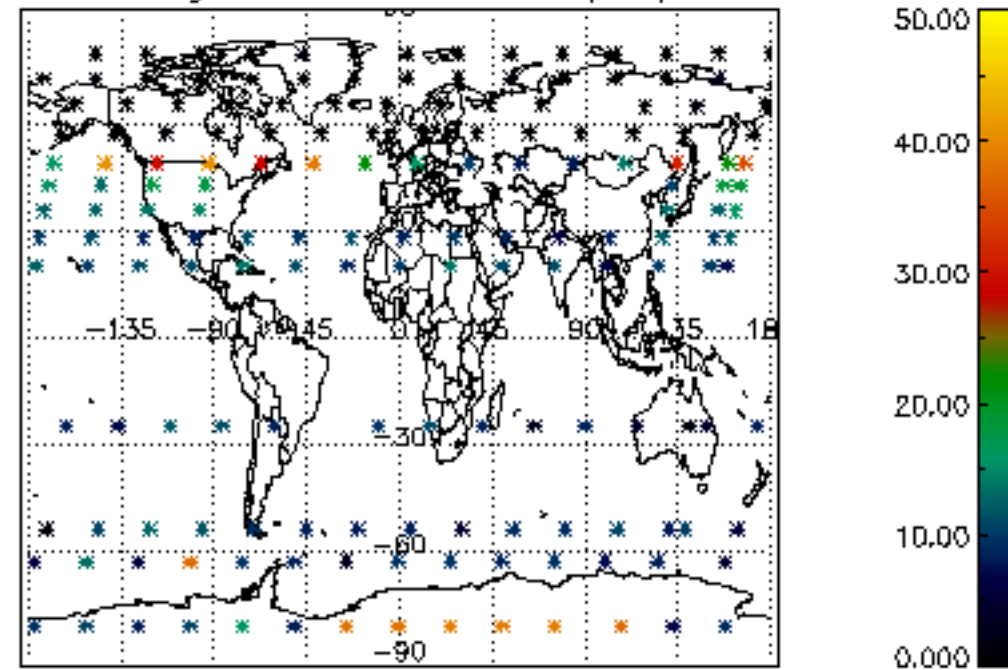
Percentage of datation errors per profile

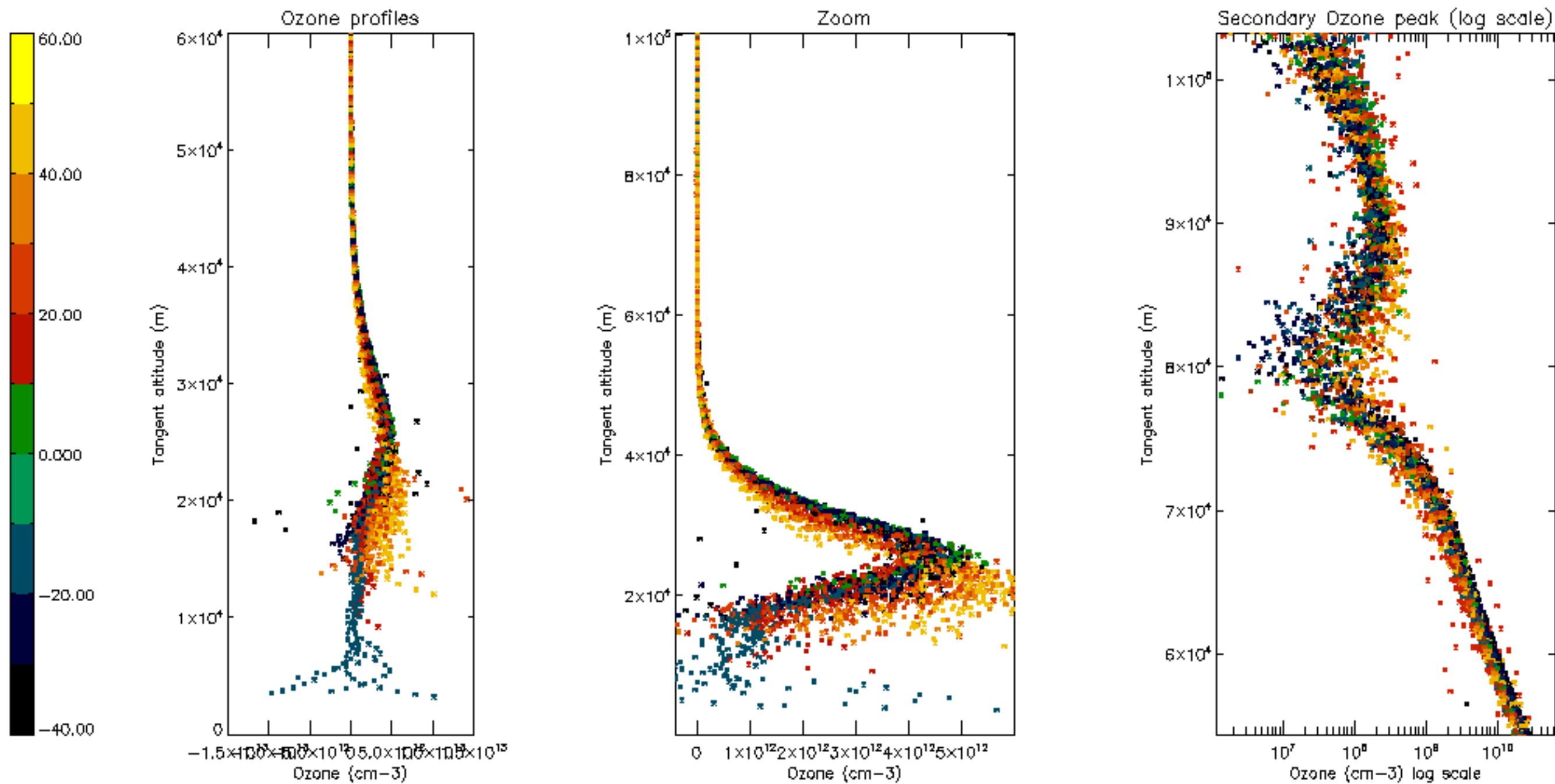


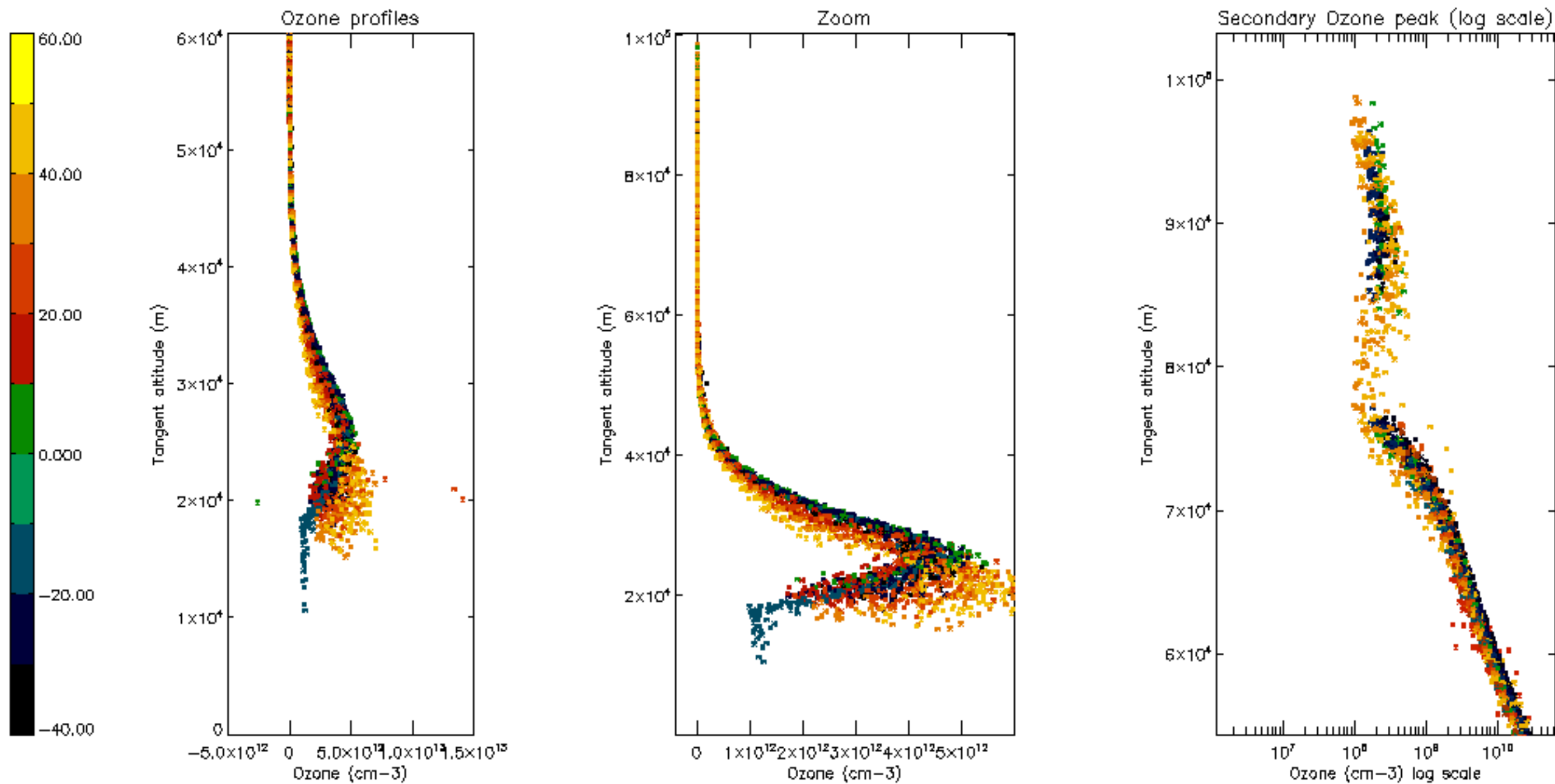
Percentage of star falling outside central band per profile



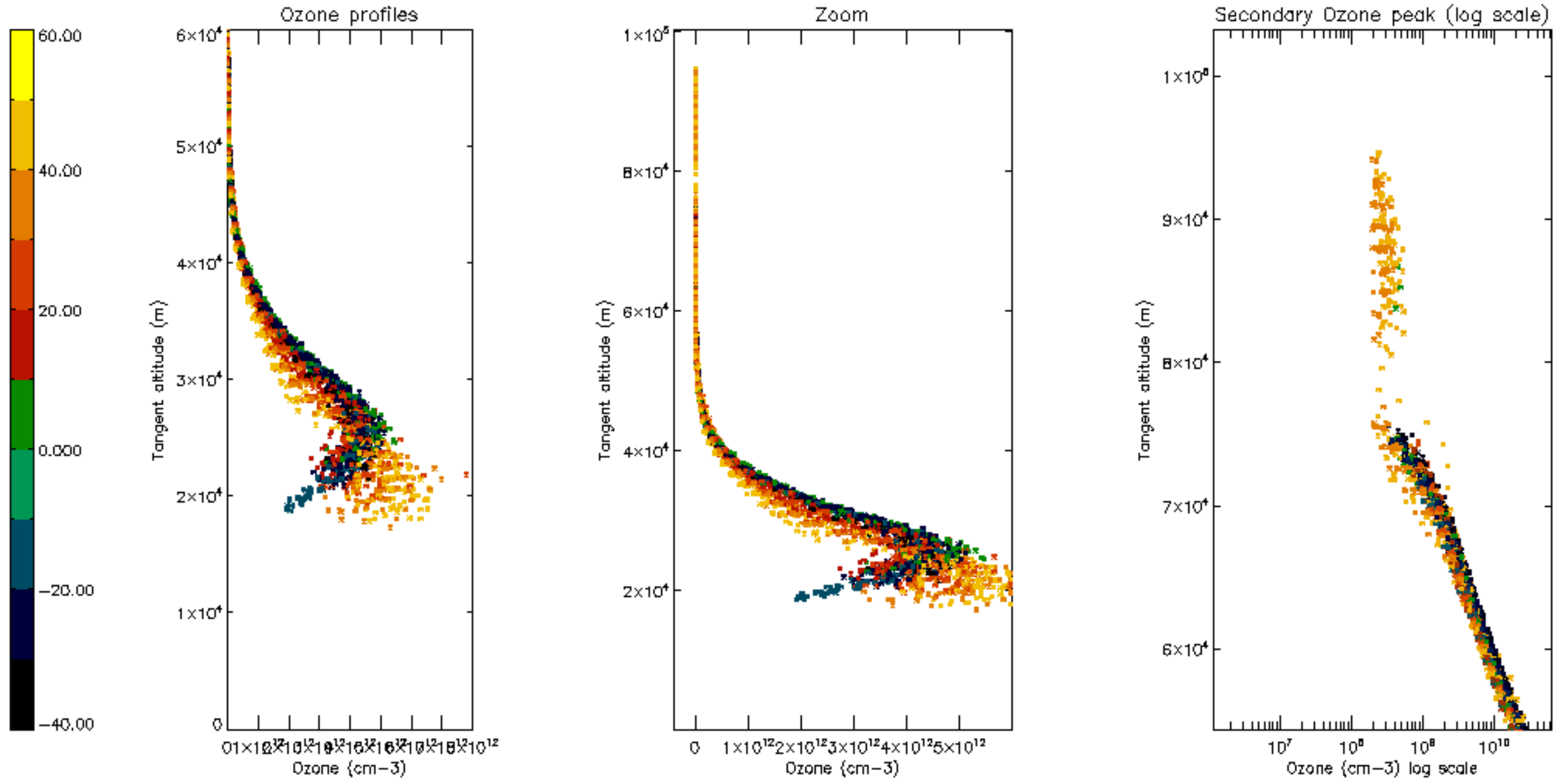
Percentage of saturation errors per profile

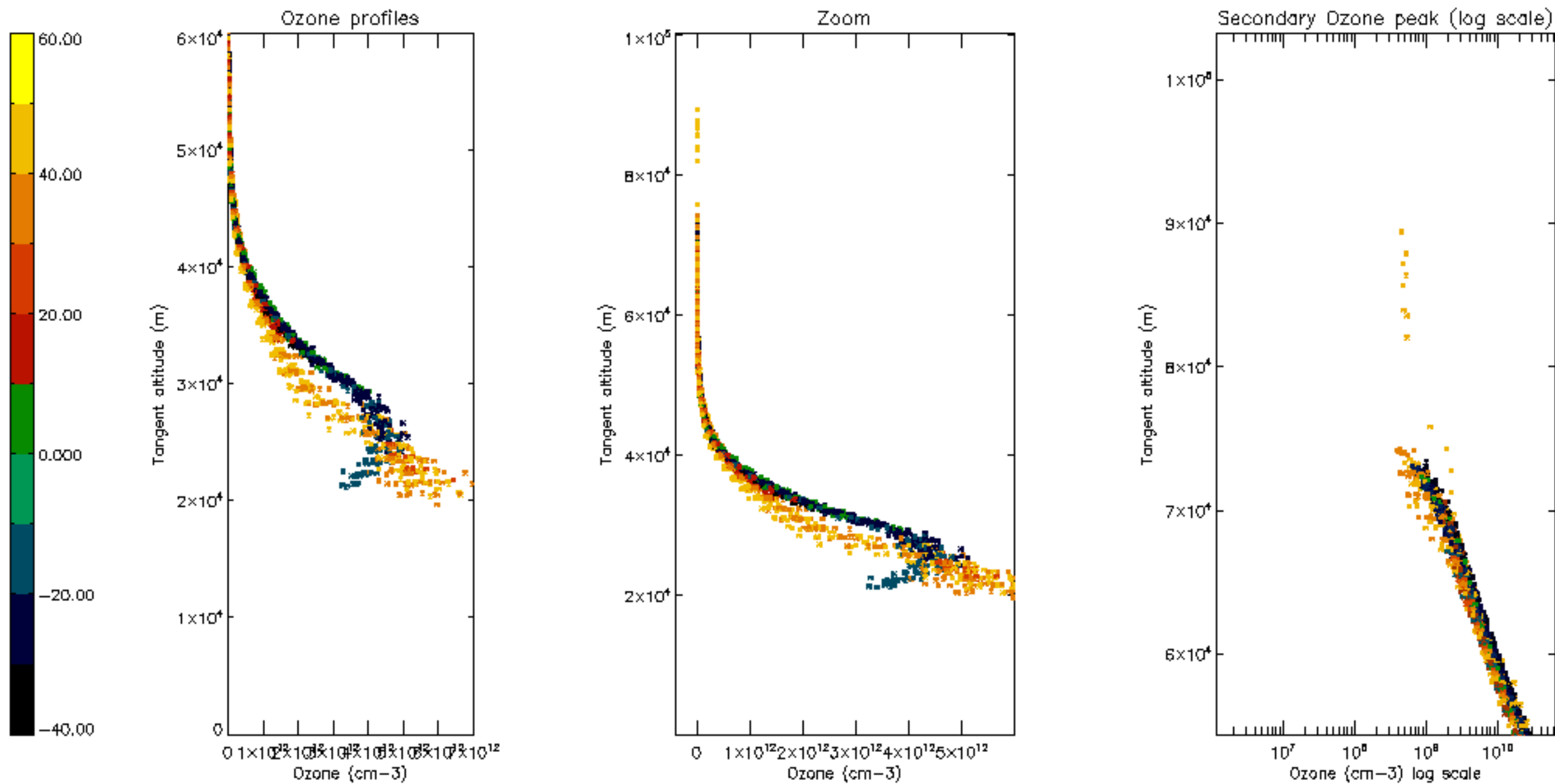


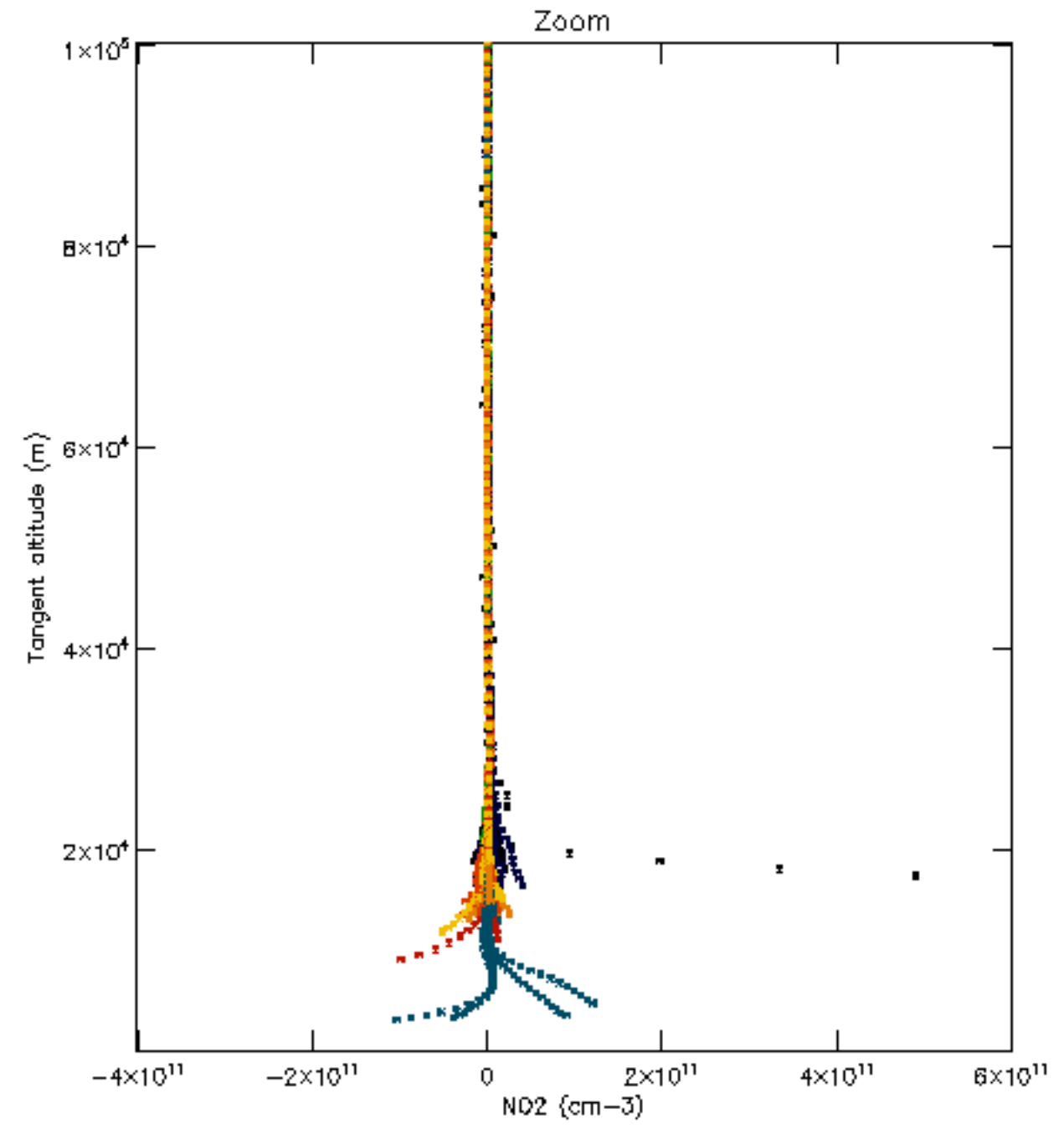
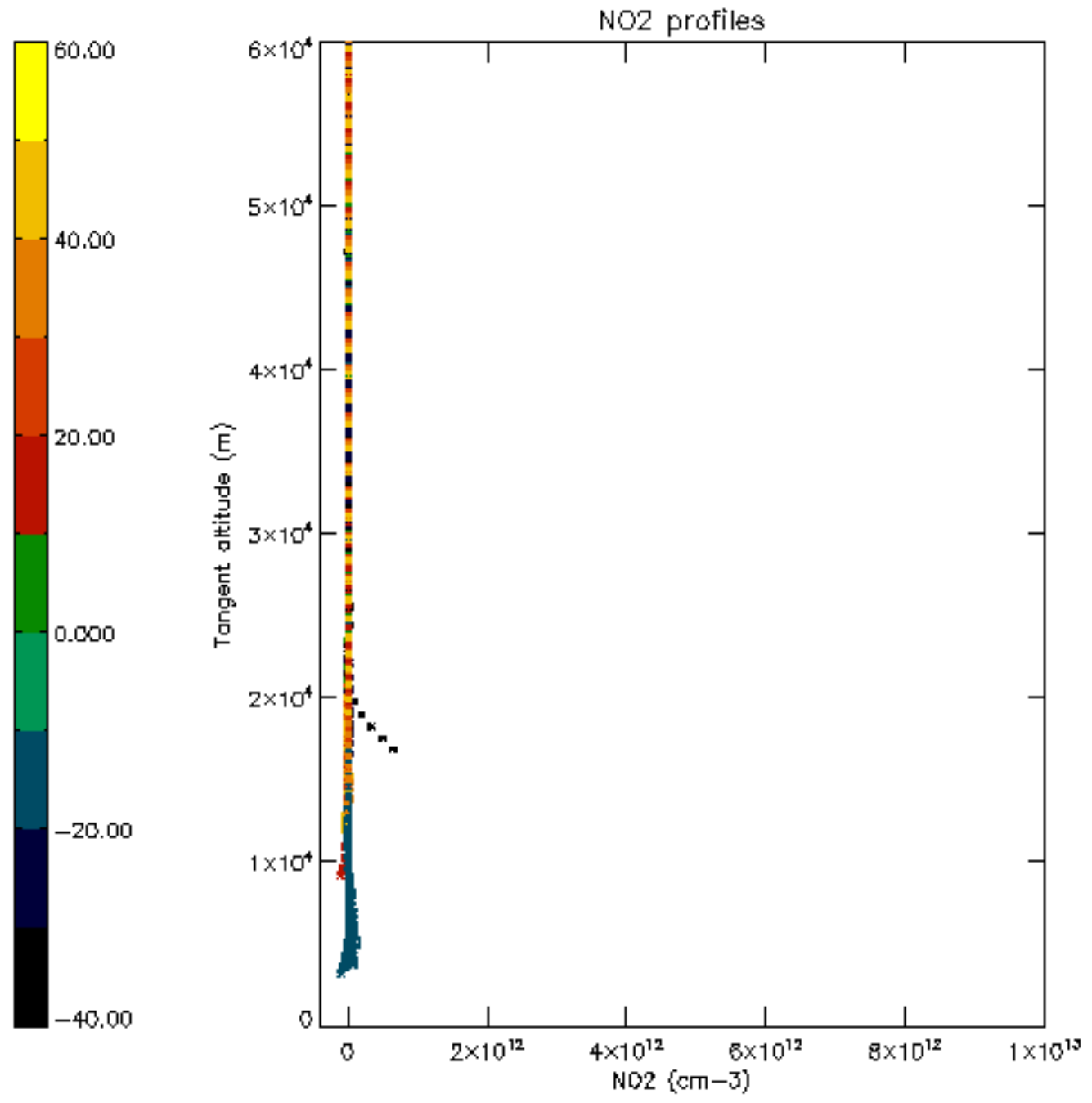


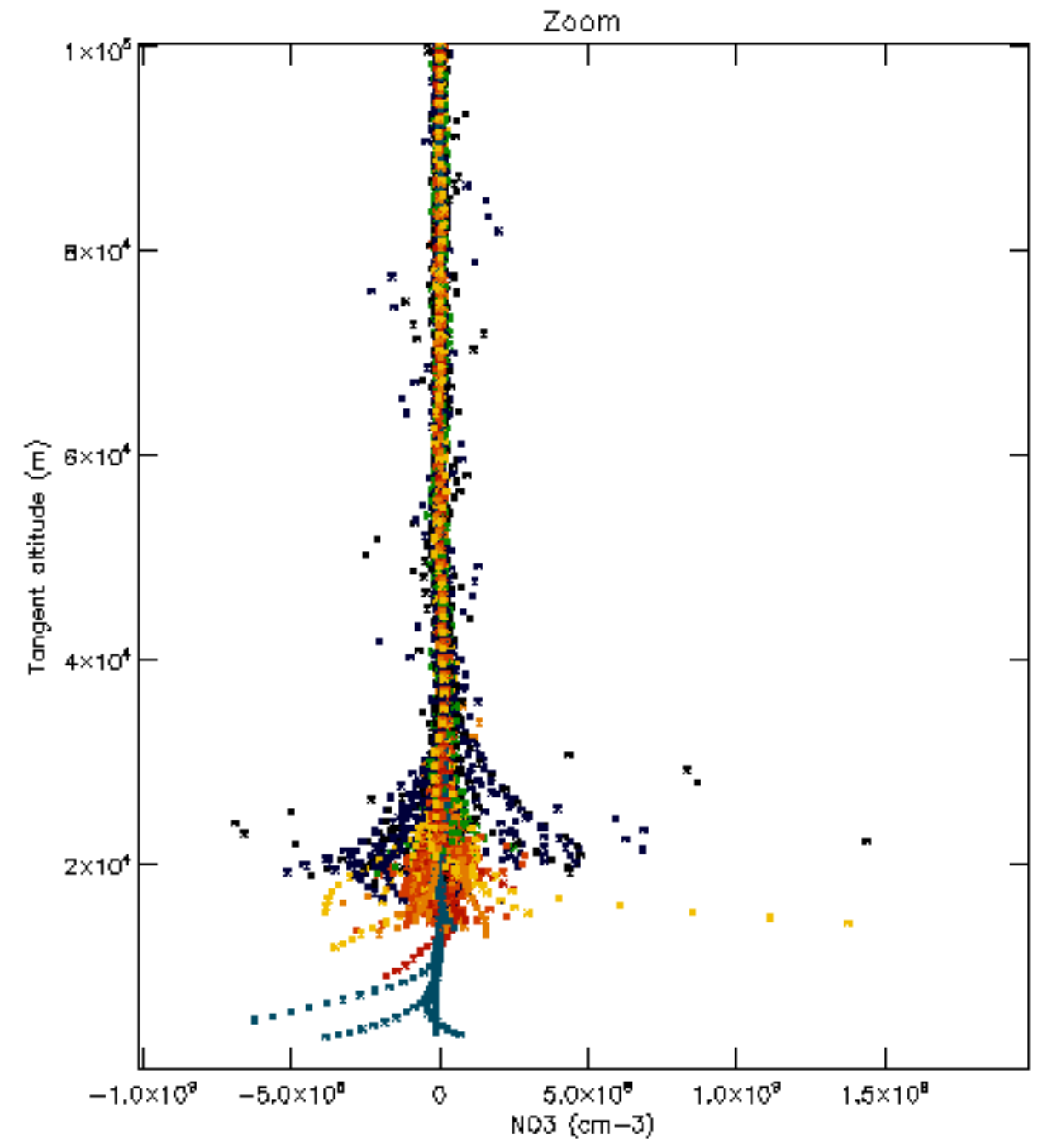
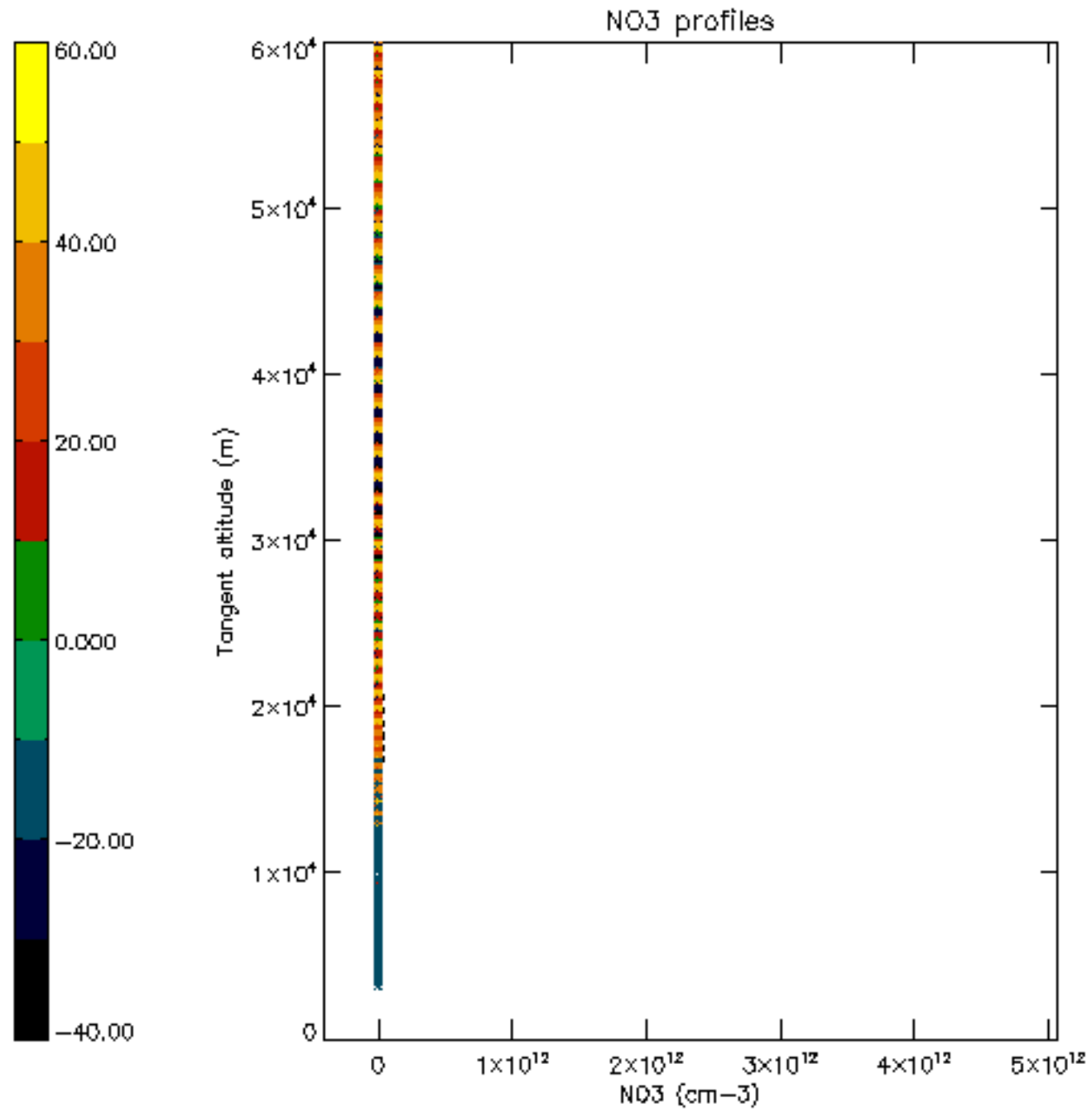




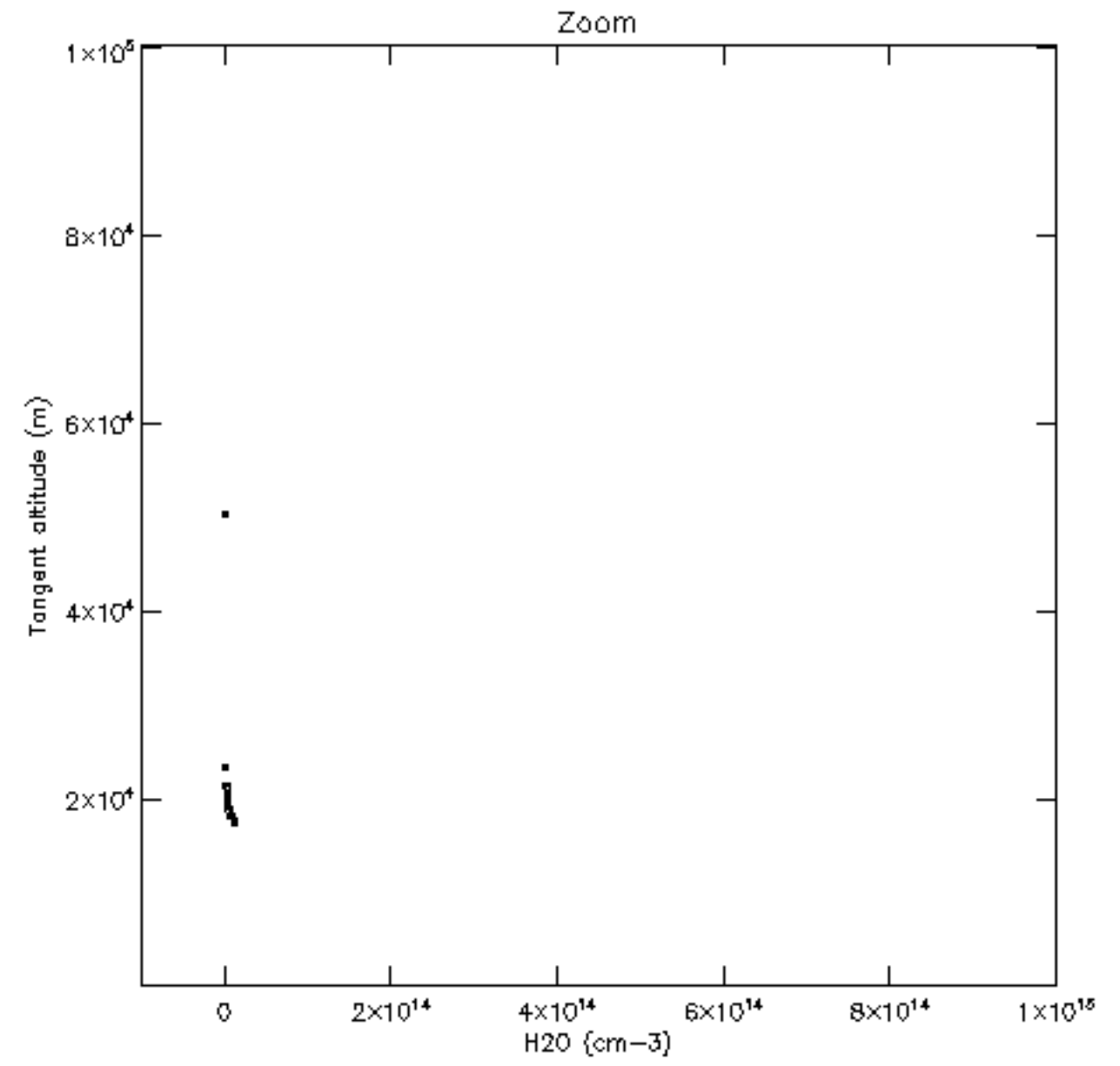
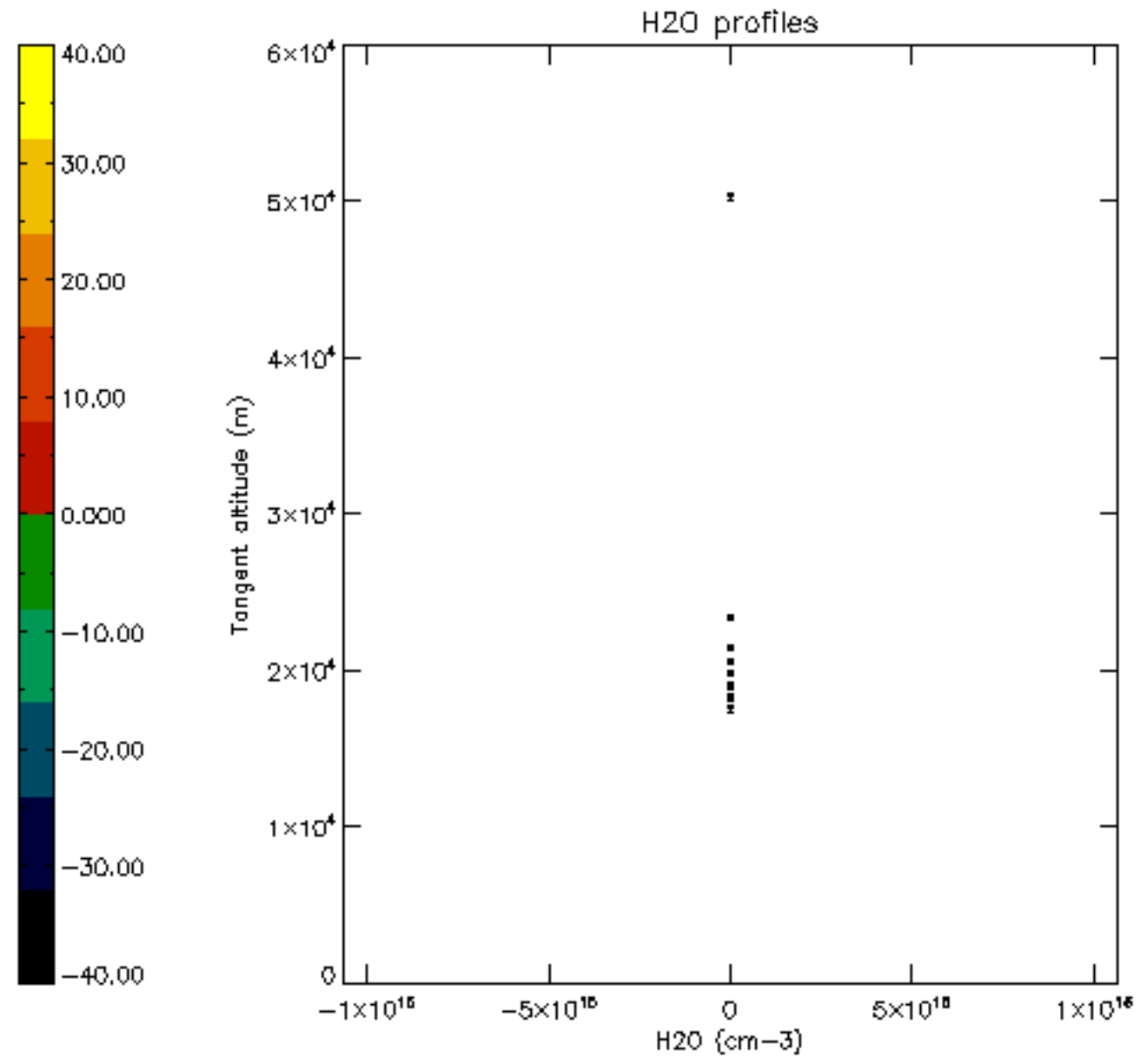


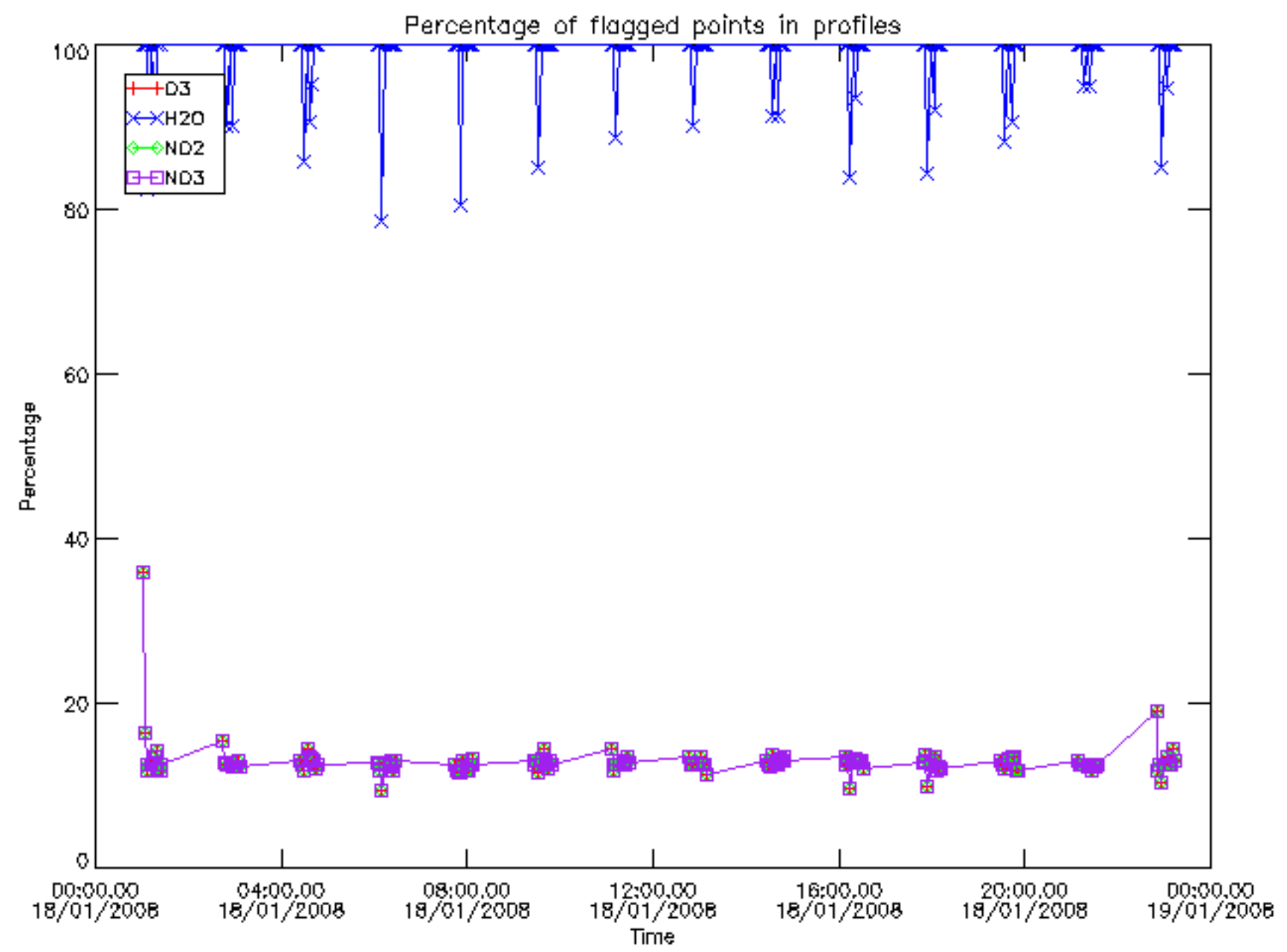




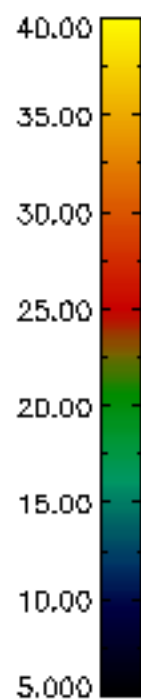
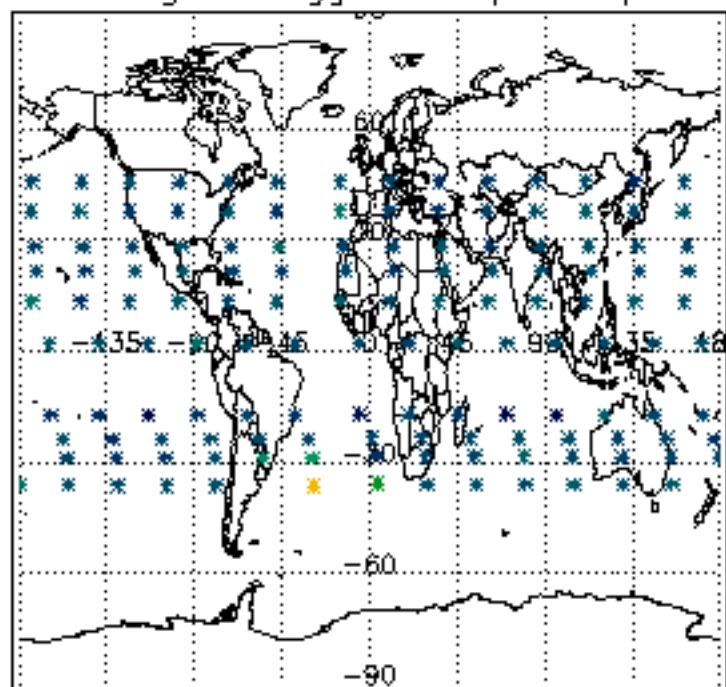




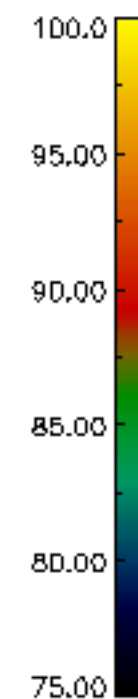
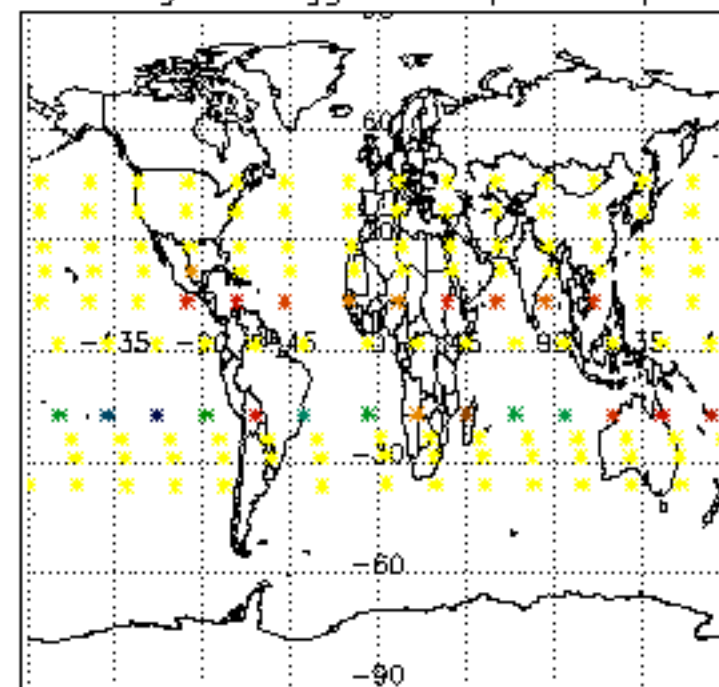




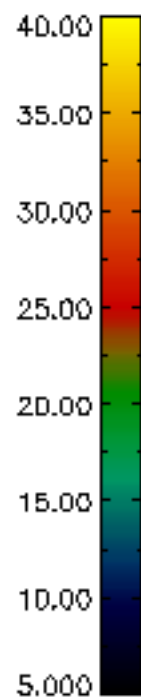
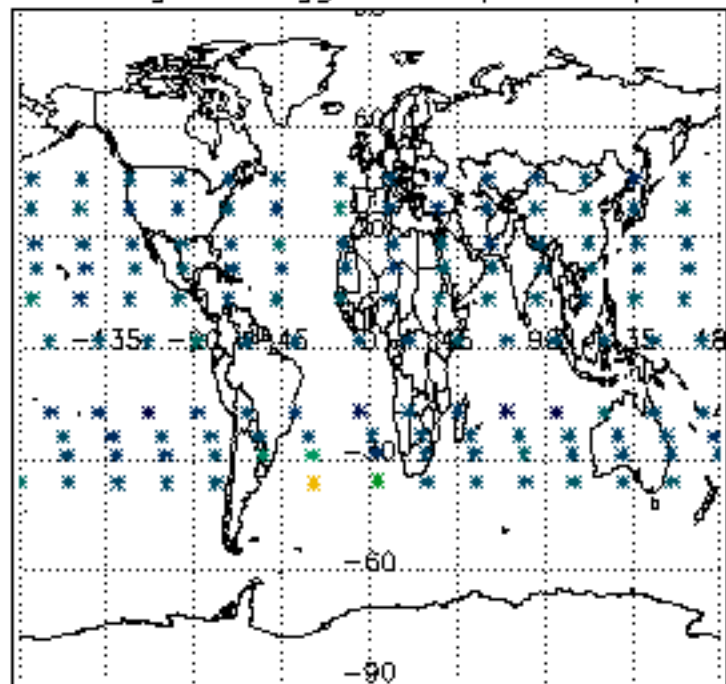
Percentage of flagged data per D3 profile



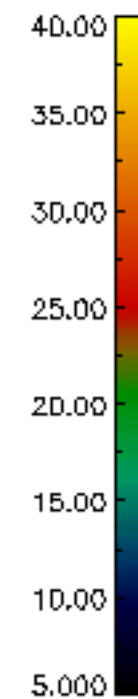
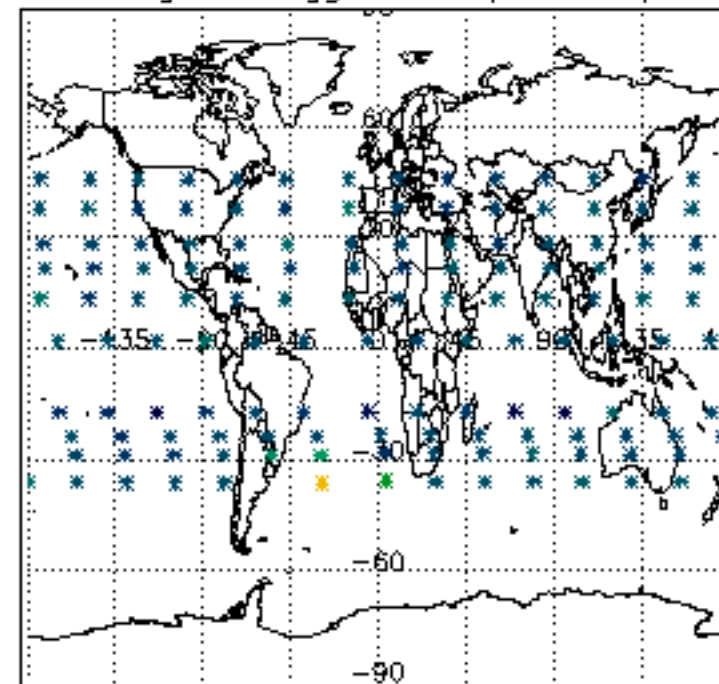
Percentage of flagged data per H2O profile

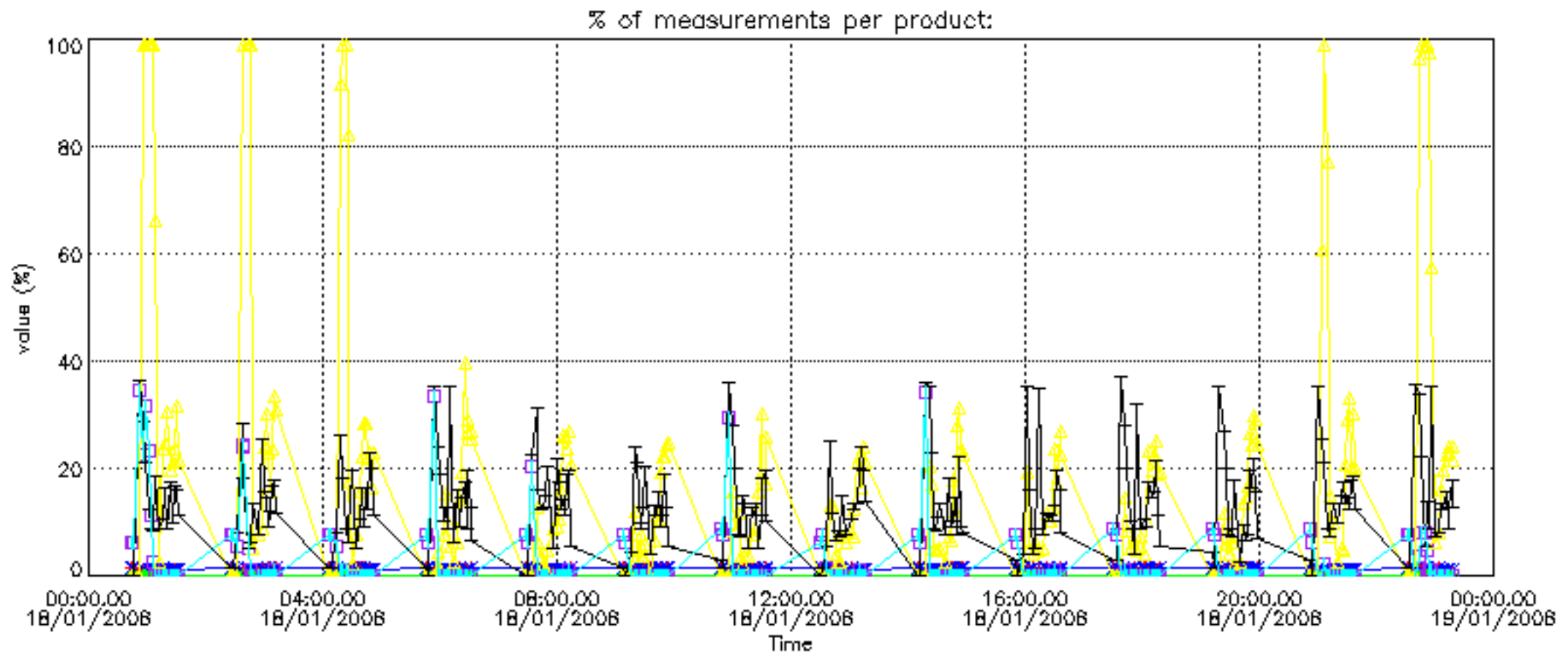


Percentage of flagged data per NO2 profile

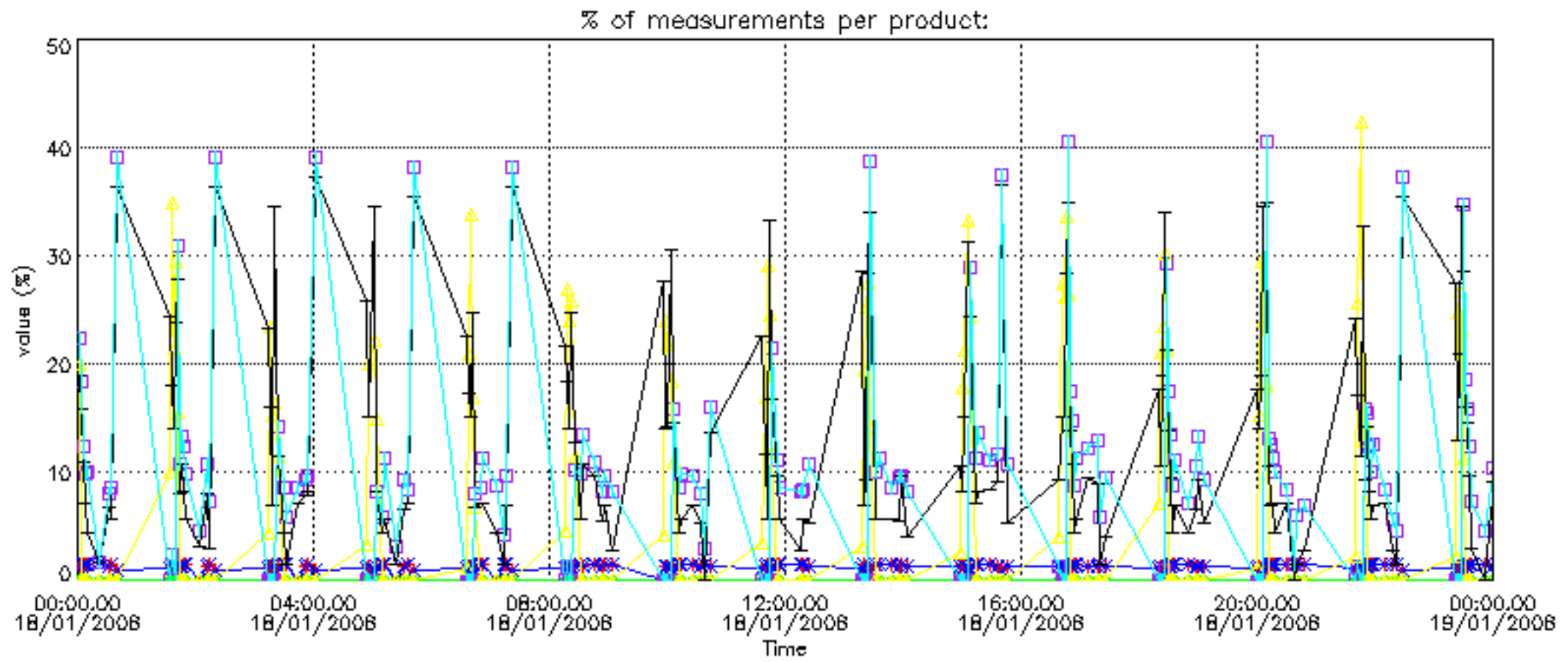


Percentage of flagged data per NO3 profile

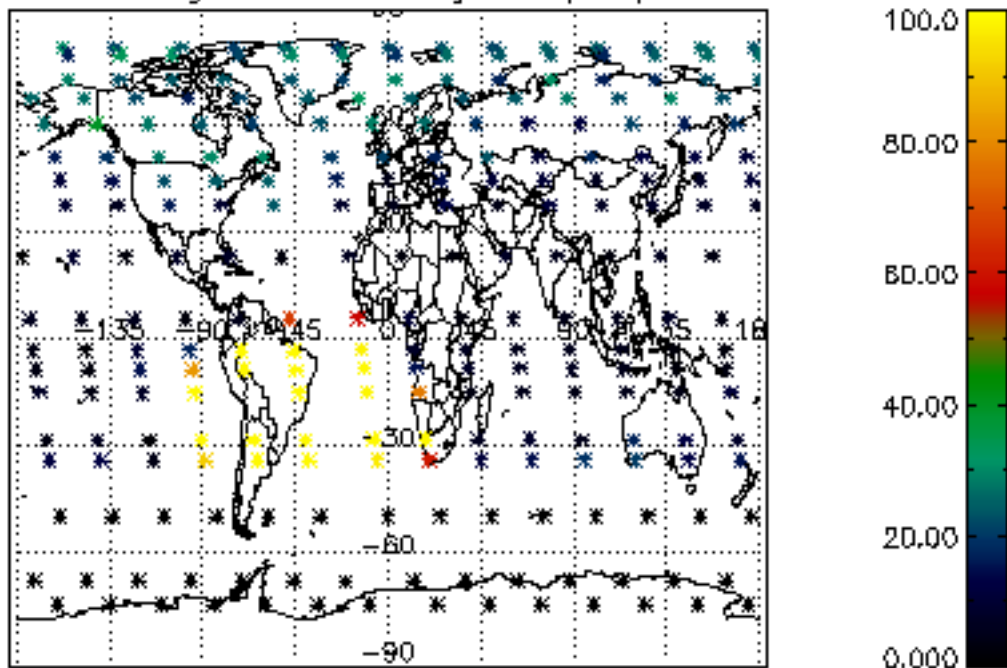




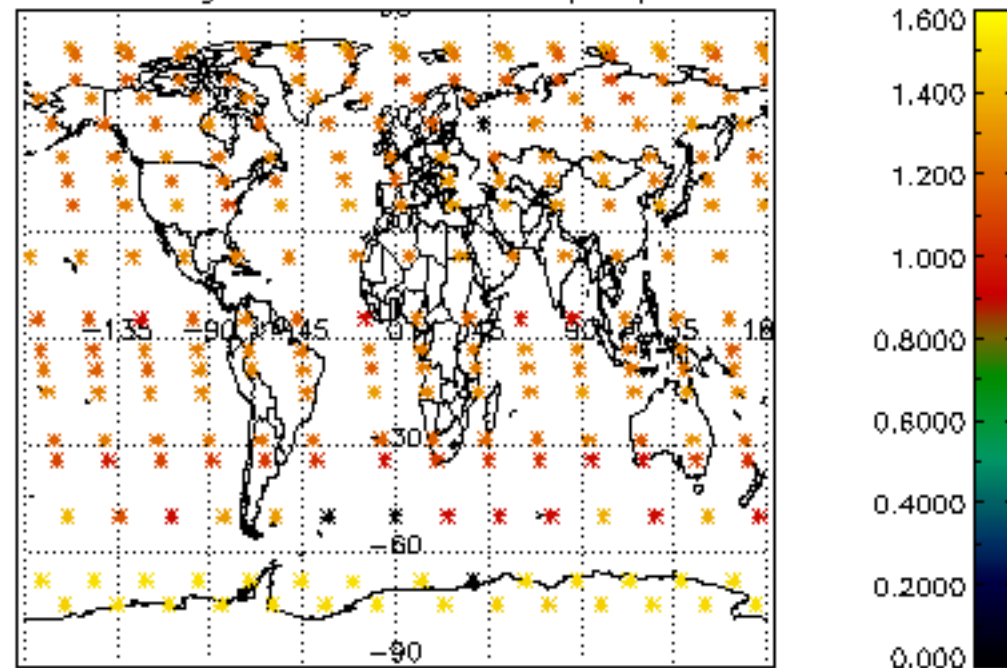




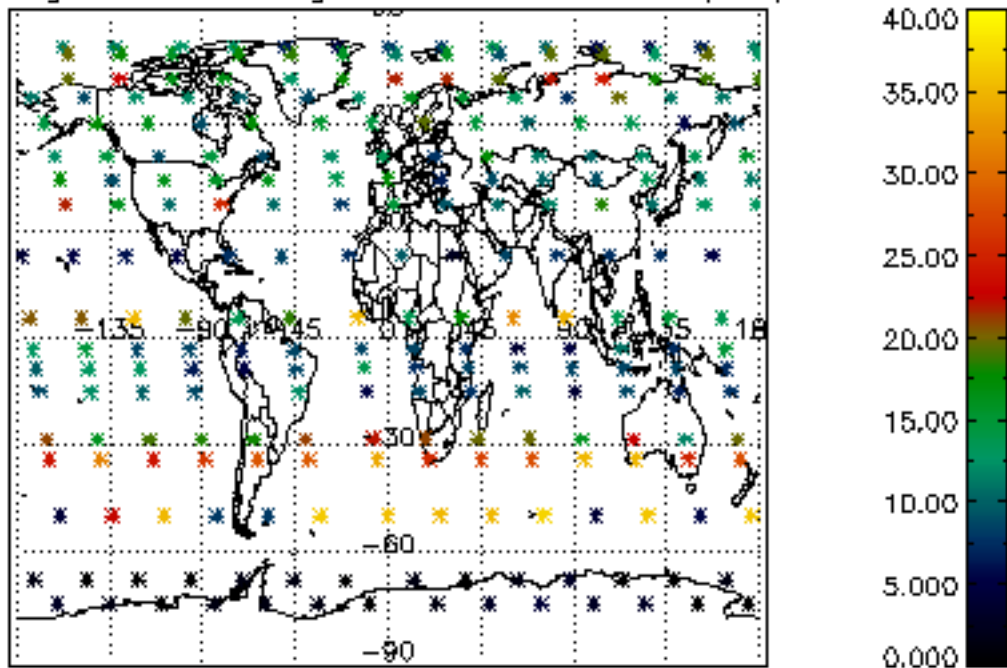
Percentage of cosmic ray hits per profile



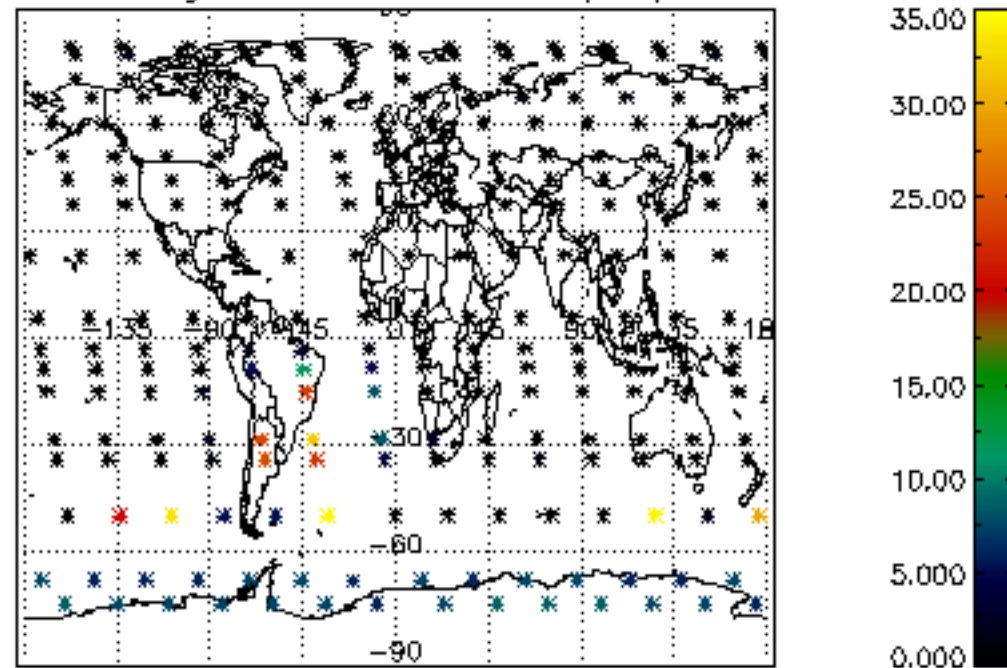
Percentage of datation errors per profile



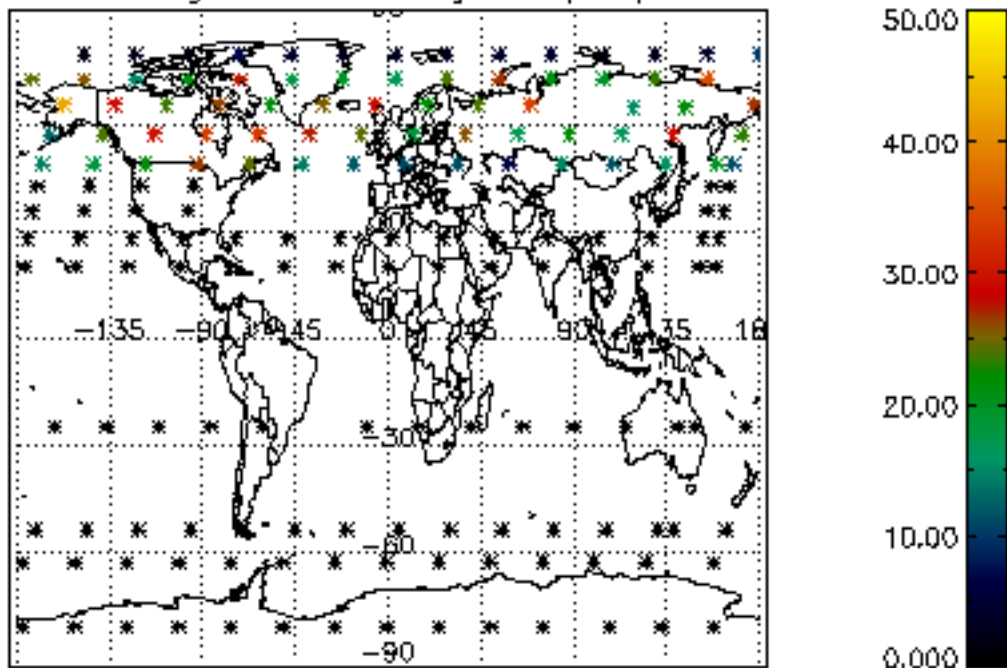
Percentage of star falling outside central band per profile



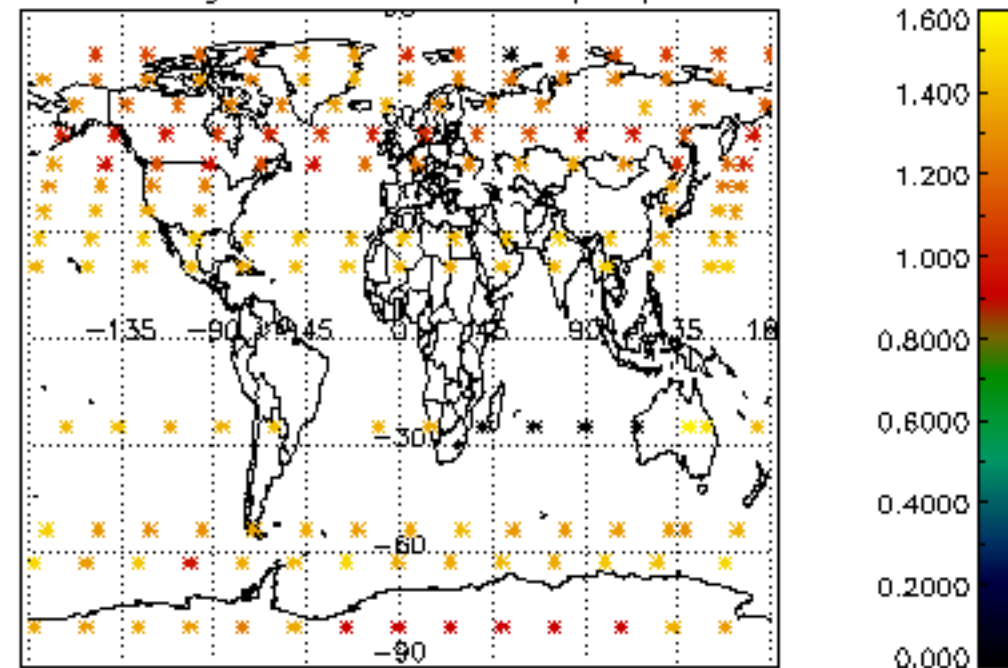
Percentage of saturation errors per profile



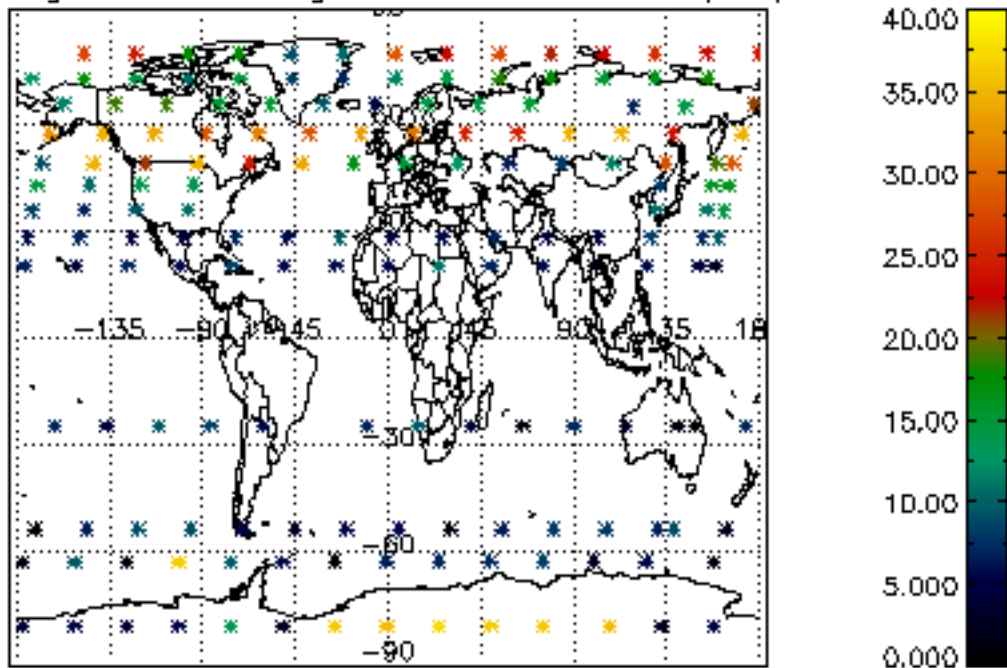
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

