

# 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	26APR2013 16:56:39
Data source version	GOMOS/6.01
Start time of products	29-01-2010 (29JAN2010 00:00:00)
Stop time of products	30-01-2010 (30JAN2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	351
Nb of prods with errors	0

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

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20100129_000236_000000342086_00245_41381_2424.N1	29-JAN-2010 00:02:36	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	41381	No
2	GOM_NL__2PRFIN20100129_000553_000000372086_00245_41381_2425.N1	29-JAN-2010 00:05:53	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	41381	No
3	GOM_NL__2PRFIN20100129_001033_000000402086_00245_41381_2426.N1	29-JAN-2010 00:10:33	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	41381	No
4	GOM_NL__2PRFIN20100129_001336_000000542086_00245_41381_2427.N1	29-JAN-2010 00:13:36	Bright	54.000	130	23Bet Dra	2.7990	5800.0	108	41381	No
5	GOM_NL__2PRFIN20100129_001708_000000352086_00245_41381_2428.N1	29-JAN-2010 00:17:08	Bright	34.500	5	3Alp Lyr	0.033000	11000.	69	41381	No
6	GOM_NL__2PRFIN20100129_002010_000000492086_00245_41381_2429.N1	29-JAN-2010 00:20:10	Bright	48.500	133	40Zet Her	2.8070	6000.0	97	41381	No
7	GOM_NL__2PRFIN20100129_002514_000000372086_00245_41381_2430.N1	29-JAN-2010 00:25:14	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	41381	No
8	GOM_NL__2PRFIN20100129_002722_000000422086_00245_41381_2431.N1	29-JAN-2010 00:27:22	Bright	41.500	126	60Bet Oph	2.7700	4250.0	83	41381	No
9	GOM_NL__2PRFIN20100129_003343_000000442086_00245_41381_2432.N1	29-JAN-2010 00:33:43	Twilight	43.500	86	35Eta Oph	2.4300	10200.	87	41381	No
10	GOM_NL__2PRFIN20100129_003753_000000492086_00245_41381_2433.N1	29-JAN-2010 00:37:53	Dark	49.000	16	21Alp Sco	1.0200	3000.0	98	41381	No
11	GOM_NL__2PRFIN20100129_004857_000000552086_00246_41382_2419.N1	29-JAN-2010 00:48:57	Dark	55.000	4	Alp1Cen	-0.010000	5800.0	110	41382	No
12	GOM_NL__2PRFIN20100129_005042_000000422086_00246_41382_2420.N1	29-JAN-2010 00:50:42	Dark	41.500	77	Eps Cen	2.3030	28000.	83	41382	No
13	GOM_NL__2PRFIN20100129_005332_000000462086_00246_41382_2421.N1	29-JAN-2010 00:53:32	Dark	46.000	12	Alp1Cru	0.77500	30000.	92	41382	No
14	GOM_NL__2PRFIN20100129_005522_000000472086_00246_41382_2422.N1	29-JAN-2010 00:55:22	Dark	46.500	99	Del Cen	2.5750	26000.	93	41382	No
15	GOM_NL__2PRFIN20100129_005739_000000452086_00246_41382_2423.N1	29-JAN-2010 00:57:39	Dark	45.000	159	Ups Car	2.9200	7200.0	90	41382	No
16	GOM_NL__2PRFIN20100129_005934_000000452086_00246_41382_2424.N1	29-JAN-2010 00:59:34	Dark	45.000	71	lot Car	2.2460	7700.0	90	41382	No
17	GOM_NL__2PRFIN20100129_010120_000000442086_00246_41382_2425.N1	29-JAN-2010 01:01:20	Dark	44.000	46	Del Vel	1.9540	10600.	88	41382	No
18	GOM_NL__2PRFIN20100129_010354_000000442086_00246_41382_2426.N1	29-JAN-2010 01:03:54	Dark	43.500	34	Gam2Vel	1.7930	23000.	87	41382	No
19	GOM_NL__2PRFIN20100129_010600_000000432086_00246_41382_2427.N1	29-JAN-2010 01:06:00	Straylight	43.000	70	Zet Pup	2.2460	39000.	86	41382	No
20	GOM_NL__2PRFIN20100129_010929_000000412086_00246_41382_2428.N1	29-JAN-2010 01:09:29	Straylight	40.500	88	31Eta CMa	2.4480	20000.	81	41382	No
21	GOM_NL__2PRFIN20100129_011918_000000472086_00246_41382_2429.N1	29-JAN-2010 01:19:18	Twilight	46.500	8	10Alp CMi	0.40000	6500.0	93	41382	No
22	GOM_NL__2PRFIN20100129_012238_000000402086_00246_41382_2430.N1	29-JAN-2010 01:22:38	Bright	39.500	44	24Gam Gem	1.9280	11000.	79	41382	No
23	GOM_NL__2PRFIN20100129_012503_000000382086_00246_41382_2431.N1	29-JAN-2010 01:25:03	Bright	38.000	170	27Eps Gem	3.0000	9700.0	76	41382	No
24	GOM_NL__2PRFIN20100129_012707_000000402086_00246_41382_2432.N1	29-JAN-2010 01:27:07	Bright	40.000	24	66Alp Gem	1.5800	10200.	80	41382	No
25	GOM_NL__2PRFIN20100129_014312_000000352086_00246_41382_2433.N1	29-JAN-2010 01:43:12	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	41382	No
26	GOM_NL__2PRFIN20100129_014629_000000412086_00246_41382_2434.N1	29-JAN-2010 01:46:29	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	41382	No
27	GOM_NL__2PRFIN20100129_015108_000000572086_00246_41382_2435.N1	29-JAN-2010 01:51:08	Bright	57.000	119	14Eta Dra	2.7270	4700.0	114	41382	No
28	GOM_NL__2PRFIN20100129_015412_000000382086_00246_41382_2436.N1	29-JAN-2010 01:54:12	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	41382	No
29	GOM_NL__2PRFIN20100129_015744_000000412086_00246_41382_2437.N1	29-JAN-2010 01:57:44	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	41382	No
30	GOM_NL__2PRFIN20100129_020046_000000442086_00246_41382_2438.N1	29-JAN-2010 02:00:46	Bright	44.000	133	40Zet Her	2.8070	6000.0	88	41382	No
31	GOM_NL__2PRFIN20100129_020551_000000542086_00246_41382_2439.N1	29-JAN-2010 02:05:51	Bright	54.000	59	55Alp Oph	2.0800	8900.0	108	41382	No
32	GOM_NL__2PRFIN20100129_020758_000000342086_00246_41382_2440.N1	29-JAN-2010 02:07:58	Bright	34.000	126	60Bet Oph	2.7700	4250.0	68	41382	No
33	GOM_NL__2PRFIN20100129_021419_000000452086_00246_41382_2441.N1	29-JAN-2010 02:14:19	Twilight	44.500	86	35Eta Oph	2.4300	10200.	89	41382	No
34	GOM_NL__2PRFIN20100129_021830_000000502086_00246_41382_2442.N1	29-JAN-2010 02:18:30	Dark	50.000	16	21Alp Sco	1.0200	3000.0	100	41382	No
35	GOM_NL__2PRFIN20100129_022933_000000422086_00247_41383_2447.N1	29-JAN-2010 02:29:33	Dark	42.000	4	Alp1Cen	-0.010000	5800.0	84	41383	No
36	GOM_NL__2PRFIN20100129_023119_000000422086_00247_41383_2448.N1	29-JAN-2010 02:31:19	Dark	42.000	77	Eps Cen	2.3030	28000.	84	41383	No
37	GOM_NL__2PRFIN20100129_023408_000000452086_00247_41383_2449.N1	29-JAN-2010 02:34:08	Dark	44.500	12	Alp1Cru	0.77500	30000.	89	41383	No
38	GOM_NL__2PRFIN20100129_023559_000000462086_00247_41383_2450.N1	29-JAN-2010 02:35:59	Dark	46.000	99	Del Cen	2.5750	26000.	92	41383	No
39	GOM_NL__2PRFIN20100129_023815_000000382086_00247_41383_2451.N1	29-JAN-2010 02:38:15	Dark	38.000	159	Ups Car	2.9200	7200.0	76	41383	No
40	GOM_NL__2PRFIN20100129_024011_000000492086_00247_41383_2452.N1	29-JAN-2010 02:40:11	Dark	48.500	71	lot Car	2.2460	7700.0	97	41383	No
41	GOM_NL__2PRFIN20100129_024157_000000442086_00247_41383_2453.N1	29-JAN-2010 02:41:57	Dark	44.000	46	Del Vel	1.9540	10600.	88	41383	No
42	GOM_NL__2PRFIN20100129_024430_000000422086_00247_41383_2454.N1	29-JAN-2010 02:44:30	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	41383	No

43	GOM_NL__2PRFIN20100129_024636_000000402086_00247_41383_2455.N1	29-JAN-2010 02:46:36	Straylight	40.000	70	Zet Pup	2.2460	39000.	80	41383	No
44	GOM_NL__2PRFIN20100129_025005_000000422086_00247_41383_2456.N1	29-JAN-2010 02:50:05	Straylight	41.500	88	31Eta CMa	2.4480	20000.	83	41383	No
45	GOM_NL__2PRFIN20100129_025954_000000462086_00247_41383_2457.N1	29-JAN-2010 02:59:54	Tw_i_and_stray	46.000	8	10Alp CMi	0.40000	6500.0	92	41383	No
46	GOM_NL__2PRFIN20100129_030315_000000412086_00247_41383_2458.N1	29-JAN-2010 03:03:15	Bright	40.500	44	24Gam Gem	1.9280	11000.	81	41383	No
47	GOM_NL__2PRFIN20100129_030538_000000392086_00247_41383_2459.N1	29-JAN-2010 03:05:38	Bright	39.000	170	27Eps Gem	3.0000	9700.0	78	41383	No
48	GOM_NL__2PRFIN20100129_030743_000000392086_00247_41383_2460.N1	29-JAN-2010 03:07:43	Bright	39.000	24	66Alp Gem	1.5800	10200.	78	41383	No
49	GOM_NL__2PRFIN20100129_032348_000000382086_00247_41383_2461.N1	29-JAN-2010 03:23:48	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	41383	No
50	GOM_NL__2PRFIN20100129_032705_000000402086_00247_41383_2462.N1	29-JAN-2010 03:27:05	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	41383	No
51	GOM_NL__2PRFIN20100129_033144_000000422086_00247_41383_2463.N1	29-JAN-2010 03:31:44	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	41383	No
52	GOM_NL__2PRFIN20100129_033448_000000382086_00247_41383_2464.N1	29-JAN-2010 03:34:48	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	41383	No
53	GOM_NL__2PRFIN20100129_033820_000000362086_00247_41383_2465.N1	29-JAN-2010 03:38:20	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	41383	No
54	GOM_NL__2PRFIN20100129_034122_000000422086_00247_41383_2466.N1	29-JAN-2010 03:41:22	Bright	42.000	133	40Zet Her	2.8070	6000.0	84	41383	No
55	GOM_NL__2PRFIN20100129_034627_000000412086_00247_41383_2467.N1	29-JAN-2010 03:46:27	Bright	40.500	59	55Alp Oph	2.0800	8900.0	81	41383	No
56	GOM_NL__2PRFIN20100129_034834_000000412086_00247_41383_2468.N1	29-JAN-2010 03:48:34	Bright	40.500	126	60Bet Oph	2.7700	4250.0	81	41383	No
57	GOM_NL__2PRFIN20100129_035456_000000422086_00247_41383_2469.N1	29-JAN-2010 03:54:56	Tw_i_and_stray	41.500	86	35Eta Oph	2.4300	10200.	83	41383	No
58	GOM_NL__2PRFIN20100129_035906_000000532086_00247_41383_2470.N1	29-JAN-2010 03:59:06	Dark	53.000	16	21Alp Sco	1.0200	3000.0	106	41383	No
59	GOM_NL__2PRFIN20100129_040449_000000402086_00247_41383_2471.N1	29-JAN-2010 04:04:49	Dark	40.000	131	Gam Lup	2.8000	26000.	80	41383	No
60	GOM_NL__2PRFIN20100129_041010_000000552086_00248_41384_2455.N1	29-JAN-2010 04:10:10	Dark	55.000	4	Alp1Cen	-0.010000	5800.0	110	41384	No
61	GOM_NL__2PRFIN20100129_041156_000000422086_00248_41384_2456.N1	29-JAN-2010 04:11:56	Dark	41.500	77	Eps Cen	2.3030	28000.	83	41384	No
62	GOM_NL__2PRFIN20100129_041445_000000492086_00248_41384_2457.N1	29-JAN-2010 04:14:45	Dark	48.500	12	Alp1Cru	0.77500	30000.	97	41384	No
63	GOM_NL__2PRFIN20100129_041636_000000472086_00248_41384_2458.N1	29-JAN-2010 04:16:36	Dark	46.500	99	Del Cen	2.5750	26000.	93	41384	No
64	GOM_NL__2PRFIN20100129_041852_000000392086_00248_41384_2459.N1	29-JAN-2010 04:18:52	Dark	39.000	159	Ups Car	2.9200	7200.0	78	41384	No
65	GOM_NL__2PRFIN20100129_042047_000000392086_00248_41384_2460.N1	29-JAN-2010 04:20:47	Dark	38.500	71	lot Car	2.2460	7700.0	77	41384	No
66	GOM_NL__2PRFIN20100129_042233_000000422086_00248_41384_2461.N1	29-JAN-2010 04:22:33	Dark	41.500	46	Del Vel	1.9540	10600.	83	41384	No
67	GOM_NL__2PRFIN20100129_042507_000000422086_00248_41384_2462.N1	29-JAN-2010 04:25:07	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	41384	No
68	GOM_NL__2PRFIN20100129_042712_000000412086_00248_41384_2463.N1	29-JAN-2010 04:27:12	Straylight	40.500	70	Zet Pup	2.2460	39000.	81	41384	No
69	GOM_NL__2PRFIN20100129_043042_000000412086_00248_41384_2464.N1	29-JAN-2010 04:30:42	Straylight	40.500	88	31Eta CMa	2.4480	20000.	81	41384	No
70	GOM_NL__2PRFIN20100129_044030_000000512086_00248_41384_2465.N1	29-JAN-2010 04:40:30	Tw_i_and_stray	50.500	8	10Alp CMi	0.40000	6500.0	101	41384	No
71	GOM_NL__2PRFIN20100129_044351_000000412086_00248_41384_2466.N1	29-JAN-2010 04:43:51	Bright	40.500	44	24Gam Gem	1.9280	11000.	81	41384	No
72	GOM_NL__2PRFIN20100129_044615_000000372086_00248_41384_2467.N1	29-JAN-2010 04:46:15	Bright	36.500	170	27Eps Gem	3.0000	9700.0	73	41384	No
73	GOM_NL__2PRFIN20100129_044819_000000412086_00248_41384_2468.N1	29-JAN-2010 04:48:19	Bright	40.500	24	66Alp Gem	1.5800	10200.	81	41384	No
74	GOM_NL__2PRFIN20100129_050424_000000372086_00248_41384_2469.N1	29-JAN-2010 05:04:24	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	41384	No
75	GOM_NL__2PRFIN20100129_050740_000000572086_00248_41384_2470.N1	29-JAN-2010 05:07:40	Bright	57.000	60	7Bet UMi	2.0810	3950.0	114	41384	No
76	GOM_NL__2PRFIN20100129_051220_000000402086_00248_41384_2471.N1	29-JAN-2010 05:12:20	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	41384	No
77	GOM_NL__2PRFIN20100129_051524_000000372086_00248_41384_2472.N1	29-JAN-2010 05:15:24	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	41384	No
78	GOM_NL__2PRFIN20100129_051856_000000352086_00248_41384_2473.N1	29-JAN-2010 05:18:56	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	41384	No
79	GOM_NL__2PRFIN20100129_052159_000000402086_00248_41384_2474.N1	29-JAN-2010 05:21:59	Bright	40.000	133	40Zet Her	2.8070	6000.0	80	41384	No
80	GOM_NL__2PRFIN20100129_052703_000000542086_00248_41384_2475.N1	29-JAN-2010 05:27:03	Bright	54.000	59	55Alp Oph	2.0800	8900.0	108	41384	No
81	GOM_NL__2PRFIN20100129_052910_000000532086_00248_41384_2476.N1	29-JAN-2010 05:29:10	Bright	53.000	126	60Bet Oph	2.7700	4250.0	106	41384	No
82	GOM_NL__2PRFIN20100129_053532_000000452086_00248_41384_2477.N1	29-JAN-2010 05:35:32	Tw_i_and_stray	44.500	86	35Eta Oph	2.4300	10200.	89	41384	No
83	GOM_NL__2PRFIN20100129_053943_000000512086_00248_41384_2478.N1	29-JAN-2010 05:39:43	Dark	51.000	16	21Alp Sco	1.0200	3000.0	102	41384	No
84	GOM_NL__2PRFIN20100129_054526_000000442086_00248_41384_2479.N1	29-JAN-2010 05:45:26	Dark	43.500	131	Gam Lup	2.8000	26000.	87	41384	No
85	GOM_NL__2PRFIN20100129_055047_000000552086_00249_41385_2463.N1	29-JAN-2010 05:50:47	Dark	55.000	4	Alp1Cen	-0.010000	5800.0	110	41385	No
86	GOM_NL__2PRFIN20100129_055233_000000422086_00249_41385_2464.N1	29-JAN-2010 05:52:33	Dark	41.500	77	Eps Cen	2.3030	28000.	83	41385	No
87	GOM_NL__2PRFIN20100129_055522_000000472086_00249_41385_2465.N1	29-JAN-2010 05:55:22	Dark	46.500	12	Alp1Cru	0.77500	30000.	93	41385	No
88	GOM_NL__2PRFIN20100129_055712_000000442086_00249_41385_2466.N1	29-JAN-2010 05:57:12	Dark	44.000	99	Del Cen	2.5750	26000.	88	41385	No
89	GOM_NL__2PRFIN20100129_055928_000000422086_00249_41385_2467.N1	29-JAN-2010 05:59:28	Dark	42.000	159	Ups Car	2.9200	7200.0	84	41385	No
90	GOM_NL__2PRFIN20100129_060123_000000442086_00249_41385_2468.N1	29-JAN-2010 06:01:23	Dark	44.000	71	lot Car	2.2460	7700.0	88	41385	No
91	GOM_NL__2PRFIN20100129_060310_000000432086_00249_41385_2469.N1	29-JAN-2010 06:03:10	Dark	43.000	46	Del Vel	1.9540	10600.	86	41385	No
92	GOM_NL__2PRFIN20100129_060543_000000432086_00249_41385_2470.N1	29-JAN-2010 06:05:43	Dark	42.500	34	Gam2Vel	1.7930	23000.	85	41385	No
93	GOM_NL__2PRFIN20100129_060748_000000402086_00249_41385_2471.N1	29-JAN-2010 06:07:48	Straylight	40.000	70	Zet Pup	2.2460	39000.	80	41385	No
94	GOM_NL__2PRFIN20100129_061118_000000392086_00249_41385_2472.N1	29-JAN-2010 06:11:18	Straylight	39.000	88	31Eta CMa	2.4480	20000.	78	41385	No
95	GOM_NL__2PRFIN20100129_062106_000000472086_00249_41385_2473.N1	29-JAN-2010 06:21:06	Tw_i_and_stray	47.000	8	10Alp CMi	0.40000	6500.0	94	41385	No
96	GOM_NL__2PRFIN20100129_062427_000000392086_00249_41385_2474.N1	29-JAN-2010 06:24:27	Bright	39.000	44	24Gam Gem	1.9280	11000.	78	41385	No
97	GOM_NL__2PRFIN20100129_062651_000000522086_00249_41385_2475.N1	29-JAN-2010 06:26:51	Bright	52.000	170	27Eps Gem	3.0000	9700.0	104	41385	No
98	GOM_NL__2PRFIN20100129_062854_000000412086_00249_41385_2476.N1	29-JAN-2010 06:28:54	Bright	41.000	24	66Alp Gem	1.5800	10200.	82	41385	No
99	GOM_NL__2PRFIN20100129_064500_000000362086_00249_41385_2477.N1	29-JAN-2010 06:45:00	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	41385	No
100	GOM_NL__2PRFIN20100129_064816_000000362086_00249_41385_2478.N1	29-JAN-2010 06:48:16	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	41385	No
101	GOM_NL__2PRFIN20100129_065256_000000372086_00249_41385_2479.N1	29-JAN-2010 06:52:56	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	41385	No

102	GOM_NL__2PRFIN20100129_065600_000000402086_00249_41385_2480.N1	29-JAN-2010 06:56:00	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	41385	No
103	GOM_NL__2PRFIN20100129_065932_000000342086_00249_41385_2481.N1	29-JAN-2010 06:59:32	Bright	33.500	5	3Alp Lyr	0.033000	11000.	67	41385	No
104	GOM_NL__2PRFIN20100129_070235_000000412086_00249_41385_2482.N1	29-JAN-2010 07:02:35	Bright	40.500	133	40Zet Her	2.8070	6000.0	81	41385	No
105	GOM_NL__2PRFIN20100129_070739_000000542086_00249_41385_2483.N1	29-JAN-2010 07:07:39	Bright	54.000	59	55Alp Oph	2.0800	8900.0	108	41385	No
106	GOM_NL__2PRFIN20100129_070947_000000352086_00249_41385_2484.N1	29-JAN-2010 07:09:47	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	41385	No
107	GOM_NL__2PRFIN20100129_071608_000000442086_00249_41385_2485.N1	29-JAN-2010 07:16:08	Tw_i_and_stray	44.000	86	35Eta Oph	2.4300	10200.	88	41385	No
108	GOM_NL__2PRFIN20100129_072019_000000512086_00249_41385_2486.N1	29-JAN-2010 07:20:19	Dark	50.500	16	21Alp Sco	1.0200	3000.0	101	41385	No
109	GOM_NL__2PRFIN20100129_072602_000000422086_00249_41385_2487.N1	29-JAN-2010 07:26:02	Dark	42.000	131	Gam Lup	2.8000	26000.	84	41385	No
110	GOM_NL__2PRFIN20100129_073123_000000552086_00250_41386_2471.N1	29-JAN-2010 07:31:23	Dark	55.000	4	Alp1Cen	-0.010000	5800.0	110	41386	No
111	GOM_NL__2PRFIN20100129_073310_000000432086_00250_41386_2472.N1	29-JAN-2010 07:33:10	Dark	42.500	77	Eps Cen	2.3030	28000.	85	41386	No
112	GOM_NL__2PRFIN20100129_073558_000000412086_00250_41386_2473.N1	29-JAN-2010 07:35:58	Dark	41.000	12	Alp1Cru	0.77500	30000.	82	41386	No
113	GOM_NL__2PRFIN20100129_073749_000000452086_00250_41386_2474.N1	29-JAN-2010 07:37:49	Dark	44.500	99	Del Cen	2.5750	26000.	89	41386	No
114	GOM_NL__2PRFIN20100129_074005_000000462086_00250_41386_2475.N1	29-JAN-2010 07:40:05	Dark	45.500	159	Ups Car	2.9200	7200.0	91	41386	No
115	GOM_NL__2PRFIN20100129_074200_000000382086_00250_41386_2476.N1	29-JAN-2010 07:42:00	Dark	38.000	71	lot Car	2.2460	7700.0	76	41386	No
116	GOM_NL__2PRFIN20100129_074346_000000462086_00250_41386_2477.N1	29-JAN-2010 07:43:46	Dark	45.500	46	Del Vel	1.9540	10600.	91	41386	No
117	GOM_NL__2PRFIN20100129_074619_000000422086_00250_41386_2478.N1	29-JAN-2010 07:46:19	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	41386	No
118	GOM_NL__2PRFIN20100129_074824_000000432086_00250_41386_2479.N1	29-JAN-2010 07:48:24	Straylight	43.000	70	Zet Pup	2.2460	39000.	86	41386	No
119	GOM_NL__2PRFIN20100129_075154_000000422086_00250_41386_2480.N1	29-JAN-2010 07:51:54	Straylight	42.000	88	31Eta CMa	2.4480	20000.	84	41386	No
120	GOM_NL__2PRFIN20100129_080142_000000492086_00250_41386_2481.N1	29-JAN-2010 08:01:42	Tw_i_and_stray	49.000	8	10Alp CMi	0.40000	6500.0	98	41386	No
121	GOM_NL__2PRFIN20100129_080503_000000412086_00250_41386_2482.N1	29-JAN-2010 08:05:03	Bright	41.000	44	24Gam Gem	1.9280	11000.	82	41386	No
122	GOM_NL__2PRFIN20100129_080727_000000382086_00250_41386_2483.N1	29-JAN-2010 08:07:27	Bright	38.000	170	27Eps Gem	3.0000	9700.0	76	41386	No
123	GOM_NL__2PRFIN20100129_080930_000000392086_00250_41386_2484.N1	29-JAN-2010 08:09:30	Bright	38.500	24	66Alp Gem	1.5800	10200.	77	41386	No
124	GOM_NL__2PRFIN20100129_082536_000000372086_00250_41386_2485.N1	29-JAN-2010 08:25:36	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	41386	No
125	GOM_NL__2PRFIN20100129_082852_000000392086_00250_41386_2486.N1	29-JAN-2010 08:28:52	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	41386	No
126	GOM_NL__2PRFIN20100129_083332_000000412086_00250_41386_2487.N1	29-JAN-2010 08:33:32	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	41386	No
127	GOM_NL__2PRFIN20100129_083636_000000402086_00250_41386_2488.N1	29-JAN-2010 08:36:36	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	41386	No
128	GOM_NL__2PRFIN20100129_084008_000000352086_00250_41386_2489.N1	29-JAN-2010 08:40:08	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	41386	No
129	GOM_NL__2PRFIN20100129_084311_000000402086_00250_41386_2490.N1	29-JAN-2010 08:43:11	Bright	40.000	133	40Zet Her	2.8070	6000.0	80	41386	No
130	GOM_NL__2PRFIN20100129_084816_000000542086_00250_41386_2491.N1	29-JAN-2010 08:48:16	Bright	54.000	59	55Alp Oph	2.0800	8900.0	108	41386	No
131	GOM_NL__2PRFIN20100129_085023_000000362086_00250_41386_2492.N1	29-JAN-2010 08:50:23	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	41386	No
132	GOM_NL__2PRFIN20100129_085645_000000442086_00250_41386_2493.N1	29-JAN-2010 08:56:45	Tw_i_and_stray	44.000	86	35Eta Oph	2.4300	10200.	88	41386	No
133	GOM_NL__2PRFIN20100129_090056_000000512086_00250_41386_2494.N1	29-JAN-2010 09:00:56	Dark	50.500	16	21Alp Sco	1.0200	3000.0	101	41386	No
134	GOM_NL__2PRFIN20100129_090639_000000432086_00250_41386_2495.N1	29-JAN-2010 09:06:39	Dark	43.000	131	Gam Lup	2.8000	26000.	86	41386	No
135	GOM_NL__2PRFIN20100129_091159_000000412086_00251_41387_2479.N1	29-JAN-2010 09:11:59	Dark	41.000	4	Alp1Cen	-0.010000	5800.0	82	41387	No
136	GOM_NL__2PRFIN20100129_091346_000000442086_00251_41387_2480.N1	29-JAN-2010 09:13:46	Dark	43.500	77	Eps Cen	2.3030	28000.	87	41387	No
137	GOM_NL__2PRFIN20100129_091635_000000422086_00251_41387_2481.N1	29-JAN-2010 09:16:35	Dark	42.000	12	Alp1Cru	0.77500	30000.	84	41387	No
138	GOM_NL__2PRFIN20100129_091826_000000452086_00251_41387_2482.N1	29-JAN-2010 09:18:26	Dark	44.500	99	Del Cen	2.5750	26000.	89	41387	No
139	GOM_NL__2PRFIN20100129_092041_000000392086_00251_41387_2483.N1	29-JAN-2010 09:20:41	Dark	38.500	159	Ups Car	2.9200	7200.0	77	41387	No
140	GOM_NL__2PRFIN20100129_092236_000000462086_00251_41387_2484.N1	29-JAN-2010 09:22:36	Dark	46.000	71	lot Car	2.2460	7700.0	92	41387	No
141	GOM_NL__2PRFIN20100129_092422_000000442086_00251_41387_2485.N1	29-JAN-2010 09:24:22	Dark	43.500	46	Del Vel	1.9540	10600.	87	41387	No
142	GOM_NL__2PRFIN20100129_092655_000000432086_00251_41387_2486.N1	29-JAN-2010 09:26:55	Dark	43.000	34	Gam2Vel	1.7930	23000.	86	41387	No
143	GOM_NL__2PRFIN20100129_092901_000000422086_00251_41387_2487.N1	29-JAN-2010 09:29:01	Straylight	41.500	70	Zet Pup	2.2460	39000.	83	41387	No
144	GOM_NL__2PRFIN20100129_093230_000000402086_00251_41387_2488.N1	29-JAN-2010 09:32:30	Straylight	39.500	88	31Eta CMa	2.4480	20000.	79	41387	No
145	GOM_NL__2PRFIN20100129_094218_000000492086_00251_41387_2489.N1	29-JAN-2010 09:42:18	Tw_i_and_stray	48.500	8	10Alp CMi	0.40000	6500.0	97	41387	No
146	GOM_NL__2PRFIN20100129_094539_000000402086_00251_41387_2490.N1	29-JAN-2010 09:45:39	Bright	39.500	44	24Gam Gem	1.9280	11000.	79	41387	No
147	GOM_NL__2PRFIN20100129_094803_000000392086_00251_41387_2491.N1	29-JAN-2010 09:48:03	Bright	38.500	170	27Eps Gem	3.0000	9700.0	77	41387	No
148	GOM_NL__2PRFIN20100129_095006_000000402086_00251_41387_2492.N1	29-JAN-2010 09:50:06	Bright	40.000	24	66Alp Gem	1.5800	10200.	80	41387	No
149	GOM_NL__2PRFIN20100129_100612_000000372086_00251_41387_2493.N1	29-JAN-2010 10:06:12	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	41387	No
150	GOM_NL__2PRFIN20100129_100928_000000422086_00251_41387_2494.N1	29-JAN-2010 10:09:28	Bright	42.000	60	7Bet UMi	2.0810	3950.0	84	41387	No
151	GOM_NL__2PRFIN20100129_101407_000000432086_00251_41387_2495.N1	29-JAN-2010 10:14:07	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	41387	No
152	GOM_NL__2PRFIN20100129_101712_000000412086_00251_41387_2496.N1	29-JAN-2010 10:17:12	Bright	41.000	130	23Bet Dra	2.7990	5800.0	82	41387	No
153	GOM_NL__2PRFIN20100129_102044_000000342086_00251_41387_2497.N1	29-JAN-2010 10:20:44	Bright	33.500	5	3Alp Lyr	0.033000	11000.	67	41387	No
154	GOM_NL__2PRFIN20100129_102347_000000402086_00251_41387_2498.N1	29-JAN-2010 10:23:47	Bright	39.500	133	40Zet Her	2.8070	6000.0	79	41387	No
155	GOM_NL__2PRFIN20100129_102852_000000542086_00251_41387_2499.N1	29-JAN-2010 10:28:52	Bright	54.000	59	55Alp Oph	2.0800	8900.0	108	41387	No
156	GOM_NL__2PRFIN20100129_103059_000000532086_00251_41387_2500.N1	29-JAN-2010 10:30:59	Bright	53.000	126	60Bet Oph	2.7700	4250.0	106	41387	No
157	GOM_NL__2PRFIN20100129_103721_000000442086_00251_41387_2501.N1	29-JAN-2010 10:37:21	Tw_i_and_stray	43.500	86	35Eta Oph	2.4300	10200.	87	41387	No
158	GOM_NL__2PRFIN20100129_104132_000000522086_00251_41387_2502.N1	29-JAN-2010 10:41:32	Dark	51.500	16	21Alp Sco	1.0200	3000.0	103	41387	No
159	GOM_NL__2PRFIN20100129_104716_000000432086_00251_41387_2503.N1	29-JAN-2010 10:47:16	Dark	42.500	131	Gam Lup	2.8000	26000.	85	41387	No
160	GOM_NL__2PRFIN20100129_105236_000000422086_00252_41388_2487.N1	29-JAN-2010 10:52:36	Dark	41.500	4	Alp1Cen	-0.010000	5800.0	83	41388	No

161	GOM_NL__2PRFIN20100129_105423_000000422086_00252_41388_2488.N1	29-JAN-2010 10:54:23	Dark	41.500	77	Eps Cen	2.3030	28000.	83	41388	No
162	GOM_NL__2PRFIN20100129_105711_000000432086_00252_41388_2489.N1	29-JAN-2010 10:57:11	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	41388	No
163	GOM_NL__2PRFIN20100129_105903_000000452086_00252_41388_2490.N1	29-JAN-2010 10:59:03	Dark	44.500	99	Del Cen	2.5750	26000.	89	41388	No
164	GOM_NL__2PRFIN20100129_110117_000000392086_00252_41388_2491.N1	29-JAN-2010 11:01:17	Dark	38.500	159	Ups Car	2.9200	7200.0	77	41388	No
165	GOM_NL__2PRFIN20100129_110312_000000432086_00252_41388_2492.N1	29-JAN-2010 11:03:12	Dark	43.000	71	lot Car	2.2460	7700.0	86	41388	No
166	GOM_NL__2PRFIN20100129_110458_000000402086_00252_41388_2493.N1	29-JAN-2010 11:04:58	Dark	39.500	46	Del Vel	1.9540	10600.	79	41388	No
167	GOM_NL__2PRFIN20100129_110732_000000382086_00252_41388_2494.N1	29-JAN-2010 11:07:32	Dark	38.000	34	Gam2Vel	1.7930	23000.	76	41388	No
168	GOM_NL__2PRFIN20100129_110937_000000402086_00252_41388_2495.N1	29-JAN-2010 11:09:37	Straylight	39.500	70	Zet Pup	2.2460	39000.	79	41388	No
169	GOM_NL__2PRFIN20100129_111306_000000402086_00252_41388_2496.N1	29-JAN-2010 11:13:06	Straylight	40.000	88	31Eta CMa	2.4480	20000.	80	41388	No
170	GOM_NL__2PRFIN20100129_112254_000000492086_00252_41388_2497.N1	29-JAN-2010 11:22:54	Tw_i_and_stray	49.000	8	10Alp CMi	0.40000	6500.0	98	41388	No
171	GOM_NL__2PRFIN20100129_112615_000000392086_00252_41388_2498.N1	29-JAN-2010 11:26:15	Bright	39.000	44	24Gam Gem	1.9280	11000.	78	41388	No
172	GOM_NL__2PRFIN20100129_112839_000000382086_00252_41388_2499.N1	29-JAN-2010 11:28:39	Bright	37.500	170	27Eps Gem	3.0000	9700.0	75	41388	No
173	GOM_NL__2PRFIN20100129_113042_000000392086_00252_41388_2500.N1	29-JAN-2010 11:30:42	Bright	38.500	24	66Alp Gem	1.5800	10200.	77	41388	No
174	GOM_NL__2PRFIN20100129_114648_000000342086_00252_41388_2501.N1	29-JAN-2010 11:46:48	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	41388	No
175	GOM_NL__2PRFIN20100129_115003_000000392086_00252_41388_2502.N1	29-JAN-2010 11:50:03	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	41388	No
176	GOM_NL__2PRFIN20100129_115443_000000372086_00252_41388_2503.N1	29-JAN-2010 11:54:43	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	41388	No
177	GOM_NL__2PRFIN20100129_115748_000000382086_00252_41388_2504.N1	29-JAN-2010 11:57:48	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	41388	No
178	GOM_NL__2PRFIN20100129_120120_000000342086_00252_41388_2505.N1	29-JAN-2010 12:01:20	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	41388	No
179	GOM_NL__2PRFIN20100129_120423_000000432086_00252_41388_2506.N1	29-JAN-2010 12:04:23	Bright	42.500	133	40Zet Her	2.8070	6000.0	85	41388	No
180	GOM_NL__2PRFIN20100129_120928_000000542086_00252_41388_2507.N1	29-JAN-2010 12:09:28	Bright	54.000	59	55Alp Oph	2.0800	8900.0	108	41388	No
181	GOM_NL__2PRFIN20100129_121135_000000402086_00252_41388_2508.N1	29-JAN-2010 12:11:35	Bright	39.500	126	60Bet Oph	2.7700	4250.0	79	41388	No
182	GOM_NL__2PRFIN20100129_121757_000000432086_00252_41388_2509.N1	29-JAN-2010 12:17:57	Tw_i_and_stray	42.500	86	35Eta Oph	2.4300	10200.	85	41388	No
183	GOM_NL__2PRFIN20100129_122209_000000582086_00252_41388_2510.N1	29-JAN-2010 12:22:09	Dark	58.000	16	21Alp Sco	1.0200	3000.0	116	41388	No
184	GOM_NL__2PRFIN20100129_122752_000000472086_00252_41388_2511.N1	29-JAN-2010 12:27:52	Dark	47.000	131	Gam Lup	2.8000	26000.	94	41388	No
185	GOM_NL__2PRFIN20100129_123312_000000412086_00253_41389_2495.N1	29-JAN-2010 12:33:12	Dark	41.000	4	Alp1Cen	-0.010000	5800.0	82	41389	No
186	GOM_NL__2PRFIN20100129_123500_000000422086_00253_41389_2496.N1	29-JAN-2010 12:35:00	Dark	41.500	77	Eps Cen	2.3030	28000.	83	41389	No
187	GOM_NL__2PRFIN20100129_123748_000000432086_00253_41389_2497.N1	29-JAN-2010 12:37:48	Dark	43.000	12	Alp1Cru	0.77500	30000.	86	41389	No
188	GOM_NL__2PRFIN20100129_123939_000000472086_00253_41389_2498.N1	29-JAN-2010 12:39:39	Dark	46.500	99	Del Cen	2.5750	26000.	93	41389	No
189	GOM_NL__2PRFIN20100129_124153_000000372086_00253_41389_2499.N1	29-JAN-2010 12:41:53	Dark	37.000	159	Ups Car	2.9200	7200.0	74	41389	No
190	GOM_NL__2PRFIN20100129_124348_000000462086_00253_41389_2500.N1	29-JAN-2010 12:43:48	Dark	46.000	71	lot Car	2.2460	7700.0	92	41389	No
191	GOM_NL__2PRFIN20100129_124534_000000392086_00253_41389_2501.N1	29-JAN-2010 12:45:34	Dark	38.500	46	Del Vel	1.9540	10600.	77	41389	No
192	GOM_NL__2PRFIN20100129_124808_000000422086_00253_41389_2502.N1	29-JAN-2010 12:48:08	Dark	42.000	34	Gam2Vel	1.7930	23000.	84	41389	No
193	GOM_NL__2PRFIN20100129_125013_000000412086_00253_41389_2503.N1	29-JAN-2010 12:50:13	Straylight	41.000	70	Zet Pup	2.2460	39000.	82	41389	No
194	GOM_NL__2PRFIN20100129_125342_000000382086_00253_41389_2504.N1	29-JAN-2010 12:53:42	Straylight	37.500	88	31Eta CMa	2.4480	20000.	75	41389	No
195	GOM_NL__2PRFIN20100129_130330_000000482086_00253_41389_2505.N1	29-JAN-2010 13:03:30	Tw_i_and_stray	48.000	8	10Alp CMi	0.40000	6500.0	96	41389	No
196	GOM_NL__2PRFIN20100129_130651_000000472086_00253_41389_2506.N1	29-JAN-2010 13:06:51	Bright	47.000	44	24Gam Gem	1.9280	11000.	94	41389	No
197	GOM_NL__2PRFIN20100129_130915_000000382086_00253_41389_2507.N1	29-JAN-2010 13:09:15	Bright	38.000	170	27Eps Gem	3.0000	9700.0	76	41389	No
198	GOM_NL__2PRFIN20100129_131117_000000392086_00253_41389_2508.N1	29-JAN-2010 13:11:17	Bright	39.000	24	66Alp Gem	1.5800	10200.	78	41389	No
199	GOM_NL__2PRFIN20100129_132724_000000352086_00253_41389_2509.N1	29-JAN-2010 13:27:24	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	41389	No
200	GOM_NL__2PRFIN20100129_133039_000000412086_00253_41389_2510.N1	29-JAN-2010 13:30:39	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	41389	No
201	GOM_NL__2PRFIN20100129_133519_000000412086_00253_41389_2511.N1	29-JAN-2010 13:35:19	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	41389	No
202	GOM_NL__2PRFIN20100129_133824_000000382086_00253_41389_2512.N1	29-JAN-2010 13:38:24	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	41389	No
203	GOM_NL__2PRFIN20100129_134156_000000462086_00253_41389_2513.N1	29-JAN-2010 13:41:56	Bright	46.000	5	3Alp Lyr	0.033000	11000.	92	41389	No
204	GOM_NL__2PRFIN20100129_134459_000000402086_00253_41389_2514.N1	29-JAN-2010 13:44:59	Bright	40.000	133	40Zet Her	2.8070	6000.0	80	41389	No
205	GOM_NL__2PRFIN20100129_135004_000000362086_00253_41389_2515.N1	29-JAN-2010 13:50:04	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	41389	No
206	GOM_NL__2PRFIN20100129_135211_000000362086_00253_41389_2516.N1	29-JAN-2010 13:52:11	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	41389	No
207	GOM_NL__2PRFIN20100129_135834_000000452086_00253_41389_2517.N1	29-JAN-2010 13:58:34	Tw_i_and_stray	45.000	86	35Eta Oph	2.4300	10200.	90	41389	No
208	GOM_NL__2PRFIN20100129_140246_000000512086_00253_41389_2518.N1	29-JAN-2010 14:02:46	Dark	51.000	16	21Alp Sco	1.0200	3000.0	102	41389	No
209	GOM_NL__2PRFIN20100129_140829_000000432086_00253_41389_2519.N1	29-JAN-2010 14:08:29	Dark	43.000	131	Gam Lup	2.8000	26000.	86	41389	No
210	GOM_NL__2PRFIN20100129_141348_000000412086_00254_41390_2503.N1	29-JAN-2010 14:13:48	Dark	40.500	4	Alp1Cen	-0.010000	5800.0	81	41390	No
211	GOM_NL__2PRFIN20100129_141536_000000432086_00254_41390_2504.N1	29-JAN-2010 14:15:36	Dark	42.500	77	Eps Cen	2.3030	28000.	85	41390	No
212	GOM_NL__2PRFIN20100129_141824_000000462086_00254_41390_2505.N1	29-JAN-2010 14:18:24	Dark	46.000	12	Alp1Cru	0.77500	30000.	92	41390	No
213	GOM_NL__2PRFIN20100129_142016_000000452086_00254_41390_2506.N1	29-JAN-2010 14:20:16	Dark	45.000	99	Del Cen	2.5750	26000.	90	41390	No
214	GOM_NL__2PRFIN20100129_142229_000000382086_00254_41390_2507.N1	29-JAN-2010 14:22:29	Dark	37.500	159	Ups Car	2.9200	7200.0	75	41390	No
215	GOM_NL__2PRFIN20100129_142424_000000482086_00254_41390_2508.N1	29-JAN-2010 14:24:24	Dark	47.500	71	lot Car	2.2460	7700.0	95	41390	No
216	GOM_NL__2PRFIN20100129_142610_000000422086_00254_41390_2509.N1	29-JAN-2010 14:26:10	Dark	42.000	46	Del Vel	1.9540	10600.	84	41390	No
217	GOM_NL__2PRFIN20100129_142844_000000412086_00254_41390_2510.N1	29-JAN-2010 14:28:44	Dark	41.000	34	Gam2Vel	1.7930	23000.	82	41390	No
218	GOM_NL__2PRFIN20100129_143049_000000412086_00254_41390_2511.N1	29-JAN-2010 14:30:49	Straylight	41.000	70	Zet Pup	2.2460	39000.	82	41390	No
219	GOM_NL__2PRFIN20100129_143418_000000402086_00254_41390_2512.N1	29-JAN-2010 14:34:18	Straylight	40.000	88	31Eta CMa	2.4480	20000.	80	41390	No

220	GOM_NL__2PRFIN20100129_144405_000000492086_00254_41390_2513.N1	29-JAN-2010 14:44:05	Twilight	48.500	8	10Alp CMI	0.40000	6500.0	97	41390	No
221	GOM_NL__2PRFIN20100129_144727_000000392086_00254_41390_2514.N1	29-JAN-2010 14:47:27	Bright	38.500	44	24Gam Gem	1.9280	11000.	77	41390	No
222	GOM_NL__2PRFIN20100129_144951_000000372086_00254_41390_2515.N1	29-JAN-2010 14:49:51	Bright	37.000	170	27Eps Gem	3.0000	9700.0	74	41390	No
223	GOM_NL__2PRFIN20100129_145153_000000402086_00254_41390_2516.N1	29-JAN-2010 14:51:53	Bright	39.500	24	66Alp Gem	1.5800	10200.	79	41390	No
224	GOM_NL__2PRFIN20100129_150800_000000352086_00254_41390_2517.N1	29-JAN-2010 15:08:00	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	41390	No
225	GOM_NL__2PRFIN20100129_151115_000000422086_00254_41390_2518.N1	29-JAN-2010 15:11:15	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	41390	No
226	GOM_NL__2PRFIN20100129_151555_000000422086_00254_41390_2519.N1	29-JAN-2010 15:15:55	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	41390	No
227	GOM_NL__2PRFIN20100129_151900_000000362086_00254_41390_2520.N1	29-JAN-2010 15:19:00	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	41390	No
228	GOM_NL__2PRFIN20100129_152232_000000342086_00254_41390_2521.N1	29-JAN-2010 15:22:32	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	41390	No
229	GOM_NL__2PRFIN20100129_152535_000000462086_00254_41390_2522.N1	29-JAN-2010 15:25:35	Bright	45.500	133	40Zet Her	2.8070	6000.0	91	41390	No
230	GOM_NL__2PRFIN20100129_153041_000000542086_00254_41390_2523.N1	29-JAN-2010 15:30:41	Bright	54.000	59	55Alp Oph	2.0800	8900.0	108	41390	No
231	GOM_NL__2PRFIN20100129_153248_000000532086_00254_41390_2524.N1	29-JAN-2010 15:32:48	Bright	53.000	126	60Bet Oph	2.7700	4250.0	106	41390	No
232	GOM_NL__2PRFIN20100129_153910_000000442086_00254_41390_2525.N1	29-JAN-2010 15:39:10	Twilight	44.000	86	35Eta Oph	2.4300	10200.	88	41390	No
233	GOM_NL__2PRFIN20100129_154322_000000502086_00254_41390_2526.N1	29-JAN-2010 15:43:22	Dark	50.000	16	21Alp Sco	1.0200	3000.0	100	41390	No
234	GOM_NL__2PRFIN20100129_154905_000000432086_00254_41390_2527.N1	29-JAN-2010 15:49:05	Dark	42.500	131	Gam Lup	2.8000	26000.	85	41390	No
235	GOM_NL__2PRFIN20100129_155425_000000422086_00255_41391_2511.N1	29-JAN-2010 15:54:25	Dark	41.500	4	Alp1Cen	-0.010000	5800.0	83	41391	No
236	GOM_NL__2PRFIN20100129_155613_000000442086_00255_41391_2512.N1	29-JAN-2010 15:56:13	Dark	44.000	77	Eps Cen	2.3030	28000.	88	41391	No
237	GOM_NL__2PRFIN20100129_155900_000000442086_00255_41391_2513.N1	29-JAN-2010 15:59:00	Dark	43.500	12	Alp1Cru	0.77500	30000.	87	41391	No
238	GOM_NL__2PRFIN20100129_160053_000000452086_00255_41391_2514.N1	29-JAN-2010 16:00:53	Dark	44.500	99	Del Cen	2.5750	26000.	89	41391	No
239	GOM_NL__2PRFIN20100129_160306_000000392086_00255_41391_2515.N1	29-JAN-2010 16:03:06	Dark	39.000	159	Ups Car	2.9200	7200.0	78	41391	No
240	GOM_NL__2PRFIN20100129_160501_000000442086_00255_41391_2516.N1	29-JAN-2010 16:05:01	Dark	44.000	71	lot Car	2.2460	7700.0	88	41391	No
241	GOM_NL__2PRFIN20100129_160647_000000442086_00255_41391_2517.N1	29-JAN-2010 16:06:47	Dark	43.500	46	Del Vel	1.9540	10600.	87	41391	No
242	GOM_NL__2PRFIN20100129_160920_000000432086_00255_41391_2518.N1	29-JAN-2010 16:09:20	Dark	42.500	34	Gam2Vel	1.7930	23000.	85	41391	No
243	GOM_NL__2PRFIN20100129_161125_000000412086_00255_41391_2519.N1	29-JAN-2010 16:11:25	Straylight	40.500	70	Zet Pup	2.2460	39000.	81	41391	No
244	GOM_NL__2PRFIN20100129_161455_000000412086_00255_41391_2520.N1	29-JAN-2010 16:14:55	Straylight	40.500	88	31Eta CMa	2.4480	20000.	81	41391	No
245	GOM_NL__2PRFIN20100129_162441_000000532086_00255_41391_2521.N1	29-JAN-2010 16:24:41	Twilight	52.500	8	10Alp CMI	0.40000	6500.0	105	41391	No
246	GOM_NL__2PRFIN20100129_162803_000000412086_00255_41391_2522.N1	29-JAN-2010 16:28:03	Bright	41.000	44	24Gam Gem	1.9280	11000.	82	41391	No
247	GOM_NL__2PRFIN20100129_163027_000000392086_00255_41391_2523.N1	29-JAN-2010 16:30:27	Bright	38.500	170	27Eps Gem	3.0000	9700.0	77	41391	No
248	GOM_NL__2PRFIN20100129_163229_000000552086_00255_41391_2524.N1	29-JAN-2010 16:32:29	Bright	55.000	24	66Alp Gem	1.5800	10200.	110	41391	No
249	GOM_NL__2PRFIN20100129_164836_000000402086_00255_41391_2525.N1	29-JAN-2010 16:48:36	Bright	40.000	49	1Alp UMi	1.9900	6300.0	80	41391	No
250	GOM_NL__2PRFIN20100129_165150_000000452086_00255_41391_2526.N1	29-JAN-2010 16:51:50	Bright	45.000	60	7Bet UMi	2.0810	3950.0	90	41391	No
251	GOM_NL__2PRFIN20100129_165630_000000432086_00255_41391_2527.N1	29-JAN-2010 16:56:30	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	41391	No
252	GOM_NL__2PRFIN20100129_165935_000000362086_00255_41391_2528.N1	29-JAN-2010 16:59:35	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	41391	No
253	GOM_NL__2PRFIN20100129_170309_000000522086_00255_41391_2529.N1	29-JAN-2010 17:03:09	Bright	52.000	5	3Alp Lyr	0.033000	11000.	104	41391	No
254	GOM_NL__2PRFIN20100129_170611_000000432086_00255_41391_2530.N1	29-JAN-2010 17:06:11	Bright	42.500	133	40Zet Her	2.8070	6000.0	85	41391	No
255	GOM_NL__2PRFIN20100129_171117_000000372086_00255_41391_2531.N1	29-JAN-2010 17:11:17	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	41391	No
256	GOM_NL__2PRFIN20100129_171324_000000362086_00255_41391_2532.N1	29-JAN-2010 17:13:24	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	41391	No
257	GOM_NL__2PRFIN20100129_171947_000000452086_00255_41391_2533.N1	29-JAN-2010 17:19:47	Twilight	44.500	86	35Eta Oph	2.4300	10200.	89	41391	No
258	GOM_NL__2PRFIN20100129_172359_000000482086_00255_41391_2534.N1	29-JAN-2010 17:23:59	Dark	48.000	16	21Alp Sco	1.0200	3000.0	96	41391	No
259	GOM_NL__2PRFIN20100129_172942_000000442086_00255_41391_2535.N1	29-JAN-2010 17:29:42	Dark	44.000	131	Gam Lup	2.8000	26000.	88	41391	No
260	GOM_NL__2PRFIN20100129_173502_000000552086_00256_41392_2519.N1	29-JAN-2010 17:35:02	Dark	55.000	4	Alp1Cen	-0.010000	5800.0	110	41392	No
261	GOM_NL__2PRFIN20100129_173650_000000432086_00256_41392_2520.N1	29-JAN-2010 17:36:50	Dark	43.000	77	Eps Cen	2.3030	28000.	86	41392	No
262	GOM_NL__2PRFIN20100129_173937_000000452086_00256_41392_2521.N1	29-JAN-2010 17:39:37	Dark	45.000	12	Alp1Cru	0.77500	30000.	90	41392	No
263	GOM_NL__2PRFIN20100129_174130_000000462086_00256_41392_2522.N1	29-JAN-2010 17:41:30	Dark	46.000	99	Del Cen	2.5750	26000.	92	41392	No
264	GOM_NL__2PRFIN20100129_174342_000000402086_00256_41392_2523.N1	29-JAN-2010 17:43:42	Dark	39.500	159	Ups Car	2.9200	7200.0	79	41392	No
265	GOM_NL__2PRFIN20100129_174537_000000392086_00256_41392_2524.N1	29-JAN-2010 17:45:37	Dark	39.000	71	lot Car	2.2460	7700.0	78	41392	No
266	GOM_NL__2PRFIN20100129_174723_000000422086_00256_41392_2525.N1	29-JAN-2010 17:47:23	Dark	41.500	46	Del Vel	1.9540	10600.	83	41392	No
267	GOM_NL__2PRFIN20100129_174956_000000422086_00256_41392_2526.N1	29-JAN-2010 17:49:56	Dark	42.000	34	Gam2Vel	1.7930	23000.	84	41392	No
268	GOM_NL__2PRFIN20100129_175202_000000392086_00256_41392_2527.N1	29-JAN-2010 17:52:02	Straylight	38.500	70	Zet Pup	2.2460	39000.	77	41392	No
269	GOM_NL__2PRFIN20100129_175531_000000412086_00256_41392_2528.N1	29-JAN-2010 17:55:31	Straylight	41.000	88	31Eta CMa	2.4480	20000.	82	41392	No
270	GOM_NL__2PRFIN20100129_180517_000000462086_00256_41392_2529.N1	29-JAN-2010 18:05:17	Twilight	46.000	8	10Alp CMI	0.40000	6500.0	92	41392	No
271	GOM_NL__2PRFIN20100129_180839_000000422086_00256_41392_2530.N1	29-JAN-2010 18:08:39	Bright	41.500	44	24Gam Gem	1.9280	11000.	83	41392	No
272	GOM_NL__2PRFIN20100129_181103_000000522086_00256_41392_2531.N1	29-JAN-2010 18:11:03	Bright	52.000	170	27Eps Gem	3.0000	9700.0	104	41392	No
273	GOM_NL__2PRFIN20100129_181305_000000392086_00256_41392_2532.N1	29-JAN-2010 18:13:05	Bright	39.000	24	66Alp Gem	1.5800	10200.	78	41392	No
274	GOM_NL__2PRFIN20100129_182912_000000382086_00256_41392_2533.N1	29-JAN-2010 18:29:12	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	41392	No
275	GOM_NL__2PRFIN20100129_183226_000000412086_00256_41392_2534.N1	29-JAN-2010 18:32:26	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	41392	No
276	GOM_NL__2PRFIN20100129_183706_000000412086_00256_41392_2535.N1	29-JAN-2010 18:37:06	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	41392	No
277	GOM_NL__2PRFIN20100129_184012_000000382086_00256_41392_2536.N1	29-JAN-2010 18:40:12	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	41392	No
278	GOM_NL__2PRFIN20100129_184345_000000342086_00256_41392_2537.N1	29-JAN-2010 18:43:45	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	41392	No

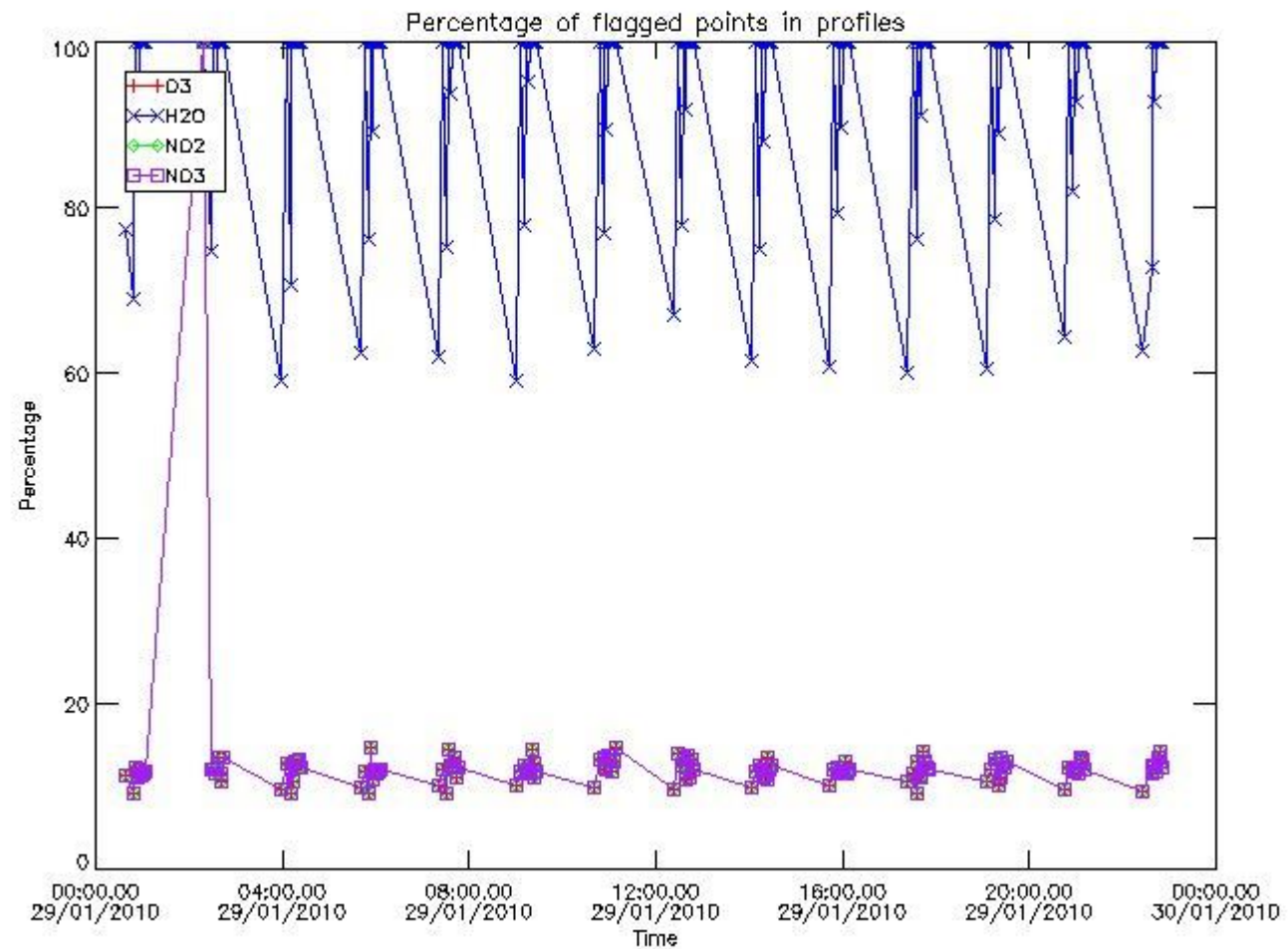
279	GOM_NL__2PRFIN20100129_184647_000000442086_00256_41392_2538.N1	29-JAN-2010 18:46:47	Bright	44.000	133	40Zet Her	2.8070	6000.0	88	41392	No
280	GOM_NL__2PRFIN20100129_185153_000000362086_00256_41392_2539.N1	29-JAN-2010 18:51:53	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	41392	No
281	GOM_NL__2PRFIN20100129_185400_000000532086_00256_41392_2540.N1	29-JAN-2010 18:54:00	Bright	53.000	126	60Bet Oph	2.7700	4250.0	106	41392	No
282	GOM_NL__2PRFIN20100129_190023_000000462086_00256_41392_2541.N1	29-JAN-2010 19:00:23	Twi_and_stray	46.000	86	35Eta Oph	2.4300	10200.	92	41392	No
283	GOM_NL__2PRFIN20100129_190436_000000492086_00256_41392_2542.N1	29-JAN-2010 19:04:36	Dark	48.500	16	21Alp Sco	1.0200	3000.0	97	41392	No
284	GOM_NL__2PRFIN20100129_191019_000000422086_00256_41392_2543.N1	29-JAN-2010 19:10:19	Dark	42.000	131	Gam Lup	2.8000	26000.	84	41392	No
285	GOM_NL__2PRFIN20100129_191538_000000432086_00257_41393_2547.N1	29-JAN-2010 19:15:38	Dark	42.500	4	Alp1Cen	-0.010000	5800.0	85	41393	No
286	GOM_NL__2PRFIN20100129_191726_000000442086_00257_41393_2548.N1	29-JAN-2010 19:17:26	Dark	43.500	77	Eps Cen	2.3030	28000.	87	41393	No
287	GOM_NL__2PRFIN20100129_192014_000000502086_00257_41393_2549.N1	29-JAN-2010 19:20:14	Dark	50.000	12	Alp1Cru	0.77500	30000.	100	41393	No
288	GOM_NL__2PRFIN20100129_192206_000000462086_00257_41393_2550.N1	29-JAN-2010 19:22:06	Dark	46.000	99	Del Cen	2.5750	26000.	92	41393	No
289	GOM_NL__2PRFIN20100129_192419_000000382086_00257_41393_2551.N1	29-JAN-2010 19:24:19	Dark	37.500	159	Ups Car	2.9200	7200.0	75	41393	No
290	GOM_NL__2PRFIN20100129_192613_000000402086_00257_41393_2552.N1	29-JAN-2010 19:26:13	Dark	40.000	71	lot Car	2.2460	7700.0	80	41393	No
291	GOM_NL__2PRFIN20100129_192759_000000422086_00257_41393_2553.N1	29-JAN-2010 19:27:59	Dark	41.500	46	Del Vel	1.9540	10600.	83	41393	No
292	GOM_NL__2PRFIN20100129_193032_000000432086_00257_41393_2554.N1	29-JAN-2010 19:30:32	Dark	43.000	34	Gam2Vel	1.7930	23000.	86	41393	No
293	GOM_NL__2PRFIN20100129_193238_000000422086_00257_41393_2555.N1	29-JAN-2010 19:32:38	Straylight	42.000	70	Zet Pup	2.2460	39000.	84	41393	No
294	GOM_NL__2PRFIN20100129_193607_000000422086_00257_41393_2556.N1	29-JAN-2010 19:36:07	Straylight	41.500	88	31Eta CMa	2.4480	20000.	83	41393	No
295	GOM_NL__2PRFIN20100129_194553_000000462086_00257_41393_2557.N1	29-JAN-2010 19:45:53	Twi_and_stray	46.000	8	10Alp CMi	0.40000	6500.0	92	41393	No
296	GOM_NL__2PRFIN20100129_194915_000000382086_00257_41393_2558.N1	29-JAN-2010 19:49:15	Bright	38.000	44	24Gam Gem	1.9280	11000.	76	41393	No
297	GOM_NL__2PRFIN20100129_195139_000000392086_00257_41393_2559.N1	29-JAN-2010 19:51:39	Bright	38.500	170	27Eps Gem	3.0000	9700.0	77	41393	No
298	GOM_NL__2PRFIN20100129_195341_000000552086_00257_41393_2560.N1	29-JAN-2010 19:53:41	Bright	55.000	24	66Alp Gem	1.5800	10200.	110	41393	No
299	GOM_NL__2PRFIN20100129_200948_000000332086_00257_41393_2561.N1	29-JAN-2010 20:09:48	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	41393	No
300	GOM_NL__2PRFIN20100129_201302_000000402086_00257_41393_2562.N1	29-JAN-2010 20:13:02	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	41393	No
301	GOM_NL__2PRFIN20100129_201742_000000452086_00257_41393_2563.N1	29-JAN-2010 20:17:42	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	41393	No
302	GOM_NL__2PRFIN20100129_202048_000000372086_00257_41393_2564.N1	29-JAN-2010 20:20:48	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	41393	No
303	GOM_NL__2PRFIN20100129_202421_000000362086_00257_41393_2565.N1	29-JAN-2010 20:24:21	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	41393	No
304	GOM_NL__2PRFIN20100129_202723_000000442086_00257_41393_2566.N1	29-JAN-2010 20:27:23	Bright	44.000	133	40Zet Her	2.8070	6000.0	88	41393	No
305	GOM_NL__2PRFIN20100129_203229_000000362086_00257_41393_2567.N1	29-JAN-2010 20:32:29	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	41393	No
306	GOM_NL__2PRFIN20100129_203436_000000532086_00257_41393_2568.N1	29-JAN-2010 20:34:36	Bright	53.000	126	60Bet Oph	2.7700	4250.0	106	41393	No
307	GOM_NL__2PRFIN20100129_204100_000000452086_00257_41393_2569.N1	29-JAN-2010 20:41:00	Twi_and_stray	44.500	86	35Eta Oph	2.4300	10200.	89	41393	No
308	GOM_NL__2PRFIN20100129_204512_000000582086_00257_41393_2570.N1	29-JAN-2010 20:45:12	Dark	58.000	16	21Alp Sco	1.0200	3000.0	116	41393	No
309	GOM_NL__2PRFIN20100129_205056_000000422086_00257_41393_2571.N1	29-JAN-2010 20:50:56	Dark	41.500	131	Gam Lup	2.8000	26000.	83	41393	No
310	GOM_NL__2PRFIN20100129_205614_000000422086_00258_41394_2555.N1	29-JAN-2010 20:56:14	Dark	42.000	4	Alp1Cen	-0.010000	5800.0	84	41394	No
311	GOM_NL__2PRFIN20100129_205803_000000442086_00258_41394_2556.N1	29-JAN-2010 20:58:03	Dark	43.500	77	Eps Cen	2.3030	28000.	87	41394	No
312	GOM_NL__2PRFIN20100129_210050_000000422086_00258_41394_2557.N1	29-JAN-2010 21:00:50	Dark	42.000	12	Alp1Cru	0.77500	30000.	84	41394	No
313	GOM_NL__2PRFIN20100129_210243_000000452086_00258_41394_2558.N1	29-JAN-2010 21:02:43	Dark	44.500	99	Del Cen	2.5750	26000.	89	41394	No
314	GOM_NL__2PRFIN20100129_210455_000000382086_00258_41394_2559.N1	29-JAN-2010 21:04:55	Dark	38.000	159	Ups Car	2.9200	7200.0	76	41394	No
315	GOM_NL__2PRFIN20100129_210649_000000402086_00258_41394_2560.N1	29-JAN-2010 21:06:49	Dark	39.500	71	lot Car	2.2460	7700.0	79	41394	No
316	GOM_NL__2PRFIN20100129_210835_000000422086_00258_41394_2561.N1	29-JAN-2010 21:08:35	Dark	42.000	46	Del Vel	1.9540	10600.	84	41394	No
317	GOM_NL__2PRFIN20100129_211108_000000422086_00258_41394_2562.N1	29-JAN-2010 21:11:08	Dark	42.000	34	Gam2Vel	1.7930	23000.	84	41394	No
318	GOM_NL__2PRFIN20100129_211314_000000412086_00258_41394_2563.N1	29-JAN-2010 21:13:14	Straylight	41.000	70	Zet Pup	2.2460	39000.	82	41394	No
319	GOM_NL__2PRFIN20100129_211643_000000412086_00258_41394_2564.N1	29-JAN-2010 21:16:43	Straylight	41.000	88	31Eta CMa	2.4480	20000.	82	41394	No
320	GOM_NL__2PRFIN20100129_212629_000000502086_00258_41394_2565.N1	29-JAN-2010 21:26:29	Twi_and_stray	49.500	8	10Alp CMi	0.40000	6500.0	99	41394	No
321	GOM_NL__2PRFIN20100129_213416_000000382086_00258_41394_2566.N1	29-JAN-2010 21:34:16	Bright	38.000	24	66Alp Gem	1.5800	10200.	76	41394	No
322	GOM_NL__2PRFIN20100129_215024_000000342086_00258_41394_2567.N1	29-JAN-2010 21:50:24	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	41394	No
323	GOM_NL__2PRFIN20100129_215337_000000412086_00258_41394_2568.N1	29-JAN-2010 21:53:37	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	41394	No
324	GOM_NL__2PRFIN20100129_215818_000000412086_00258_41394_2569.N1	29-JAN-2010 21:58:18	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	41394	No
325	GOM_NL__2PRFIN20100129_220124_000000402086_00258_41394_2570.N1	29-JAN-2010 22:01:24	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	41394	No
326	GOM_NL__2PRFIN20100129_220457_000000392086_00258_41394_2571.N1	29-JAN-2010 22:04:57	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	41394	No
327	GOM_NL__2PRFIN20100129_220759_000000462086_00258_41394_2572.N1	29-JAN-2010 22:07:59	Bright	45.500	133	40Zet Her	2.8070	6000.0	91	41394	No
328	GOM_NL__2PRFIN20100129_221305_000000362086_00258_41394_2573.N1	29-JAN-2010 22:13:05	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	41394	No
329	GOM_NL__2PRFIN20100129_221513_000000362086_00258_41394_2574.N1	29-JAN-2010 22:15:13	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	41394	No
330	GOM_NL__2PRFIN20100129_222136_000000432086_00258_41394_2575.N1	29-JAN-2010 22:21:36	Twi_and_stray	42.500	86	35Eta Oph	2.4300	10200.	85	41394	No
331	GOM_NL__2PRFIN20100129_222548_000000542086_00258_41394_2576.N1	29-JAN-2010 22:25:48	Dark	54.000	16	21Alp Sco	1.0200	3000.0	108	41394	No
332	GOM_NL__2PRFIN20100129_223651_000000412086_00259_41395_2572.N1	29-JAN-2010 22:36:51	Dark	41.000	4	Alp1Cen	-0.010000	5800.0	82	41395	No
333	GOM_NL__2PRFIN20100129_223840_000000442086_00259_41395_2573.N1	29-JAN-2010 22:38:40	Dark	44.000	77	Eps Cen	2.3030	28000.	88	41395	No
334	GOM_NL__2PRFIN20100129_224126_000000422086_00259_41395_2574.N1	29-JAN-2010 22:41:26	Dark	41.500	12	Alp1Cru	0.77500	30000.	83	41395	No
335	GOM_NL__2PRFIN20100129_224320_000000472086_00259_41395_2575.N1	29-JAN-2010 22:43:20	Dark	47.000	99	Del Cen	2.5750	26000.	94	41395	No
336	GOM_NL__2PRFIN20100129_224531_000000382086_00259_41395_2576.N1	29-JAN-2010 22:45:31	Dark	38.000	159	Ups Car	2.9200	7200.0	76	41395	No
337	GOM_NL__2PRFIN20100129_224726_000000392086_00259_41395_2577.N1	29-JAN-2010 22:47:26	Dark	39.000	71	lot Car	2.2460	7700.0	78	41395	No

338	GOM_NL__2PRFIN20100129_224912_000000432086_00259_41395_2578.N1	29-JAN-2010 22:49:12	Dark	43.000	46	Del Vel	1.9540	10600.	86	41395	No
339	GOM_NL__2PRFIN20100129_225144_000000422086_00259_41395_2579.N1	29-JAN-2010 22:51:44	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	41395	No
340	GOM_NL__2PRFIN20100129_225350_000000402086_00259_41395_2580.N1	29-JAN-2010 22:53:50	Straylight	40.000	70	Zet Pup	2.2460	39000.	80	41395	No
341	GOM_NL__2PRFIN20100129_225719_000000402086_00259_41395_2581.N1	29-JAN-2010 22:57:19	Straylight	39.500	88	31Eta CMa	2.4480	20000.	79	41395	No
342	GOM_NL__2PRFIN20100129_230705_000000462086_00259_41395_2582.N1	29-JAN-2010 23:07:05	Twilight	46.000	8	10Alp CMi	0.40000	6500.0	92	41395	No
343	GOM_NL__2PRFIN20100129_231452_000000412086_00259_41395_2583.N1	29-JAN-2010 23:14:52	Bright	40.500	24	66Alp Gem	1.5800	10200.	81	41395	No
344	GOM_NL__2PRFIN20100129_233100_000000382086_00259_41395_2584.N1	29-JAN-2010 23:31:00	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	41395	No
345	GOM_NL__2PRFIN20100129_233413_000000372086_00259_41395_2585.N1	29-JAN-2010 23:34:13	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	41395	No
346	GOM_NL__2PRFIN20100129_233854_000000392086_00259_41395_2586.N1	29-JAN-2010 23:38:54	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	41395	No
347	GOM_NL__2PRFIN20100129_234159_000000362086_00259_41395_2587.N1	29-JAN-2010 23:41:59	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	41395	No
348	GOM_NL__2PRFIN20100129_234533_000000342086_00259_41395_2588.N1	29-JAN-2010 23:45:33	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	41395	No
349	GOM_NL__2PRFIN20100129_234835_000000422086_00259_41395_2589.N1	29-JAN-2010 23:48:35	Bright	42.000	133	40Zet Her	2.8070	6000.0	84	41395	No
350	GOM_NL__2PRFIN20100129_235341_000000362086_00259_41395_2590.N1	29-JAN-2010 23:53:41	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	41395	No
351	GOM_NL__2PRFIN20100129_235549_000000532086_00259_41395_2591.N1	29-JAN-2010 23:55:49	Bright	53.000	126	60Bet Oph	2.7700	4250.0	106	41395	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.

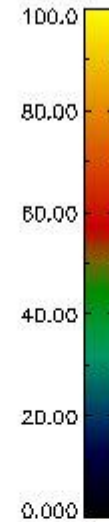
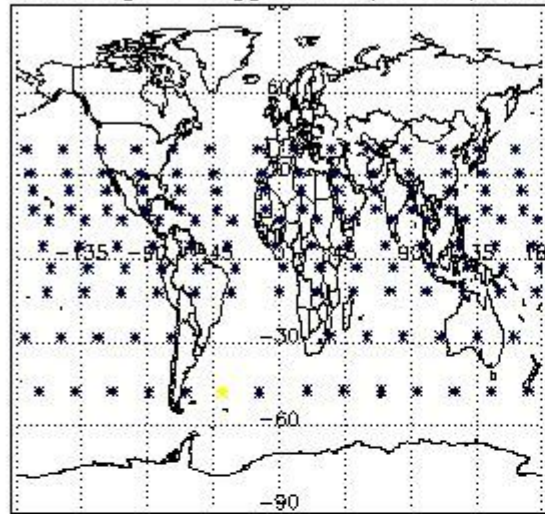
#### 3.1 Plot quality information per product (time dependant)



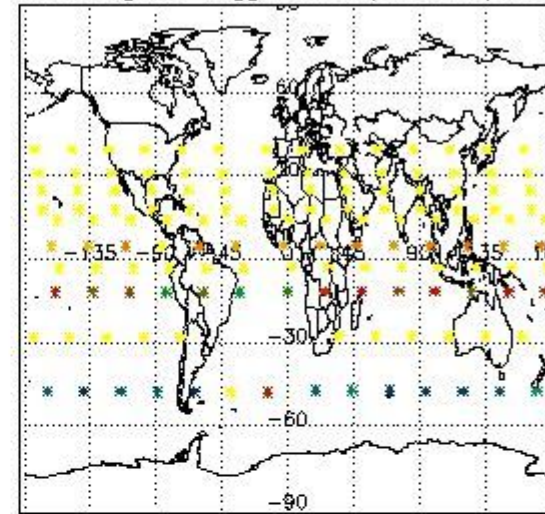
#### 3.2 Plot quality information per product (world map)



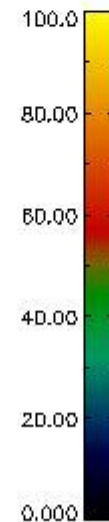
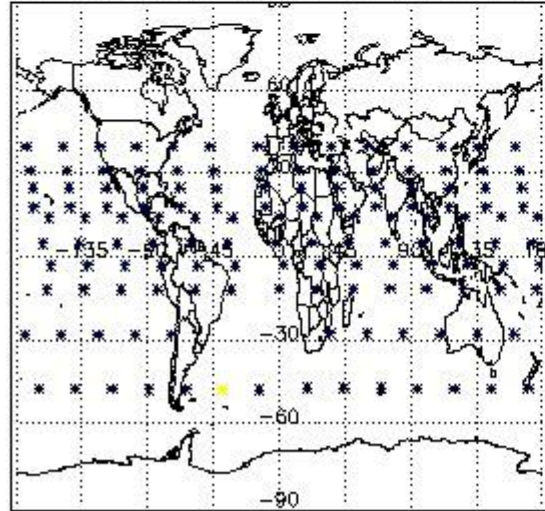
Percentage of flagged data per O3 profile



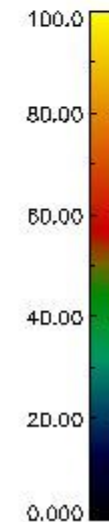
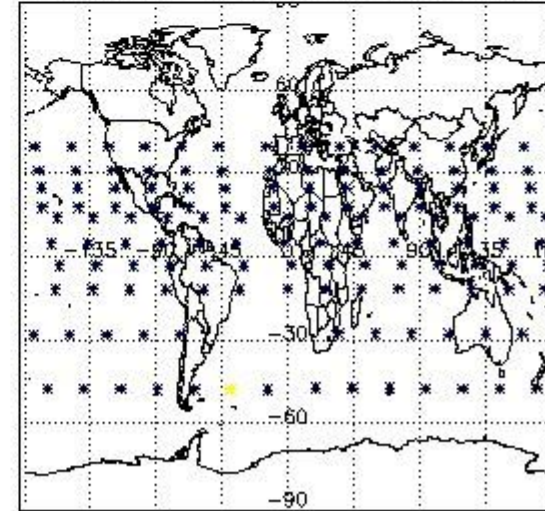
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

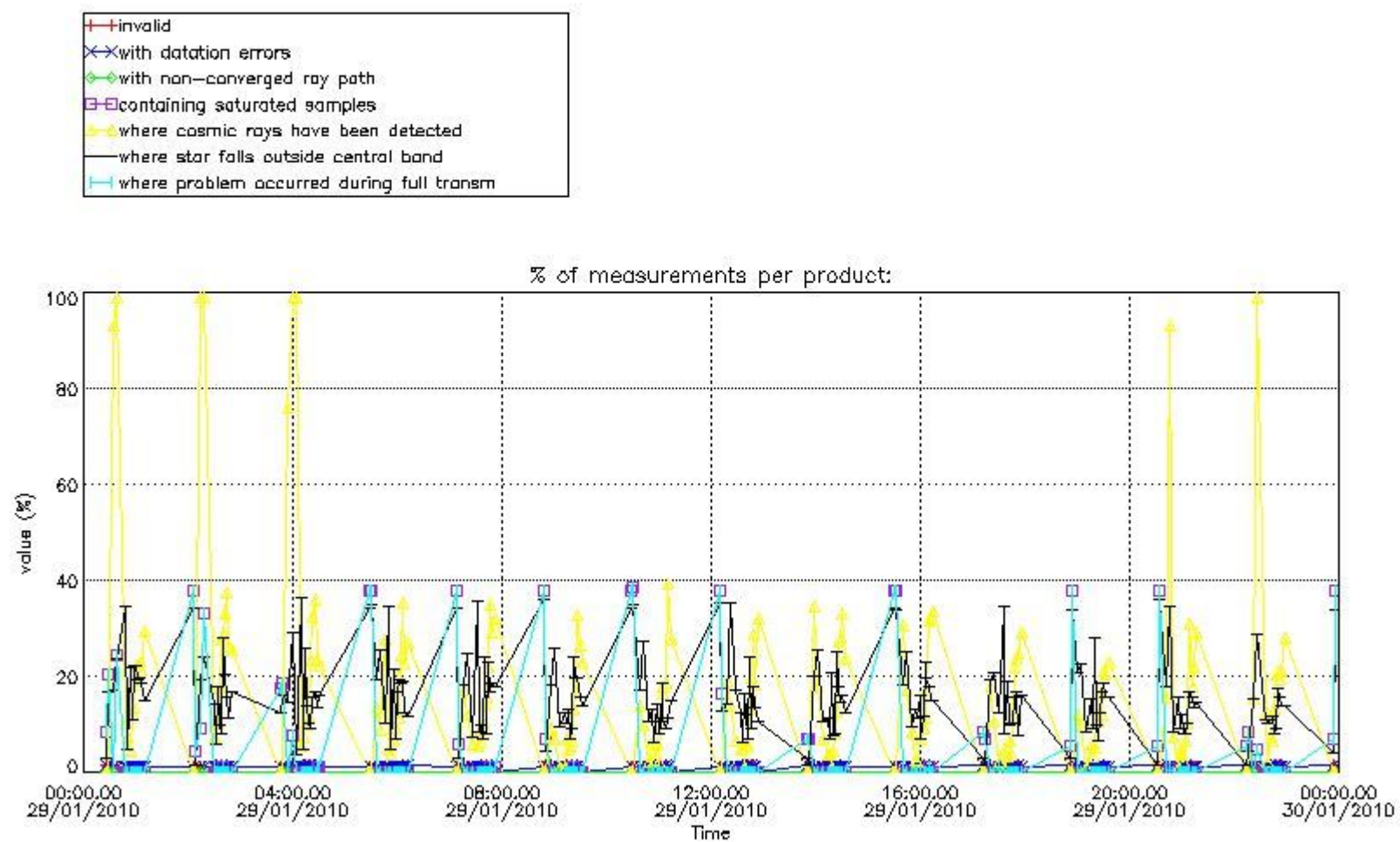


#### 4. Level 1 quality information per product

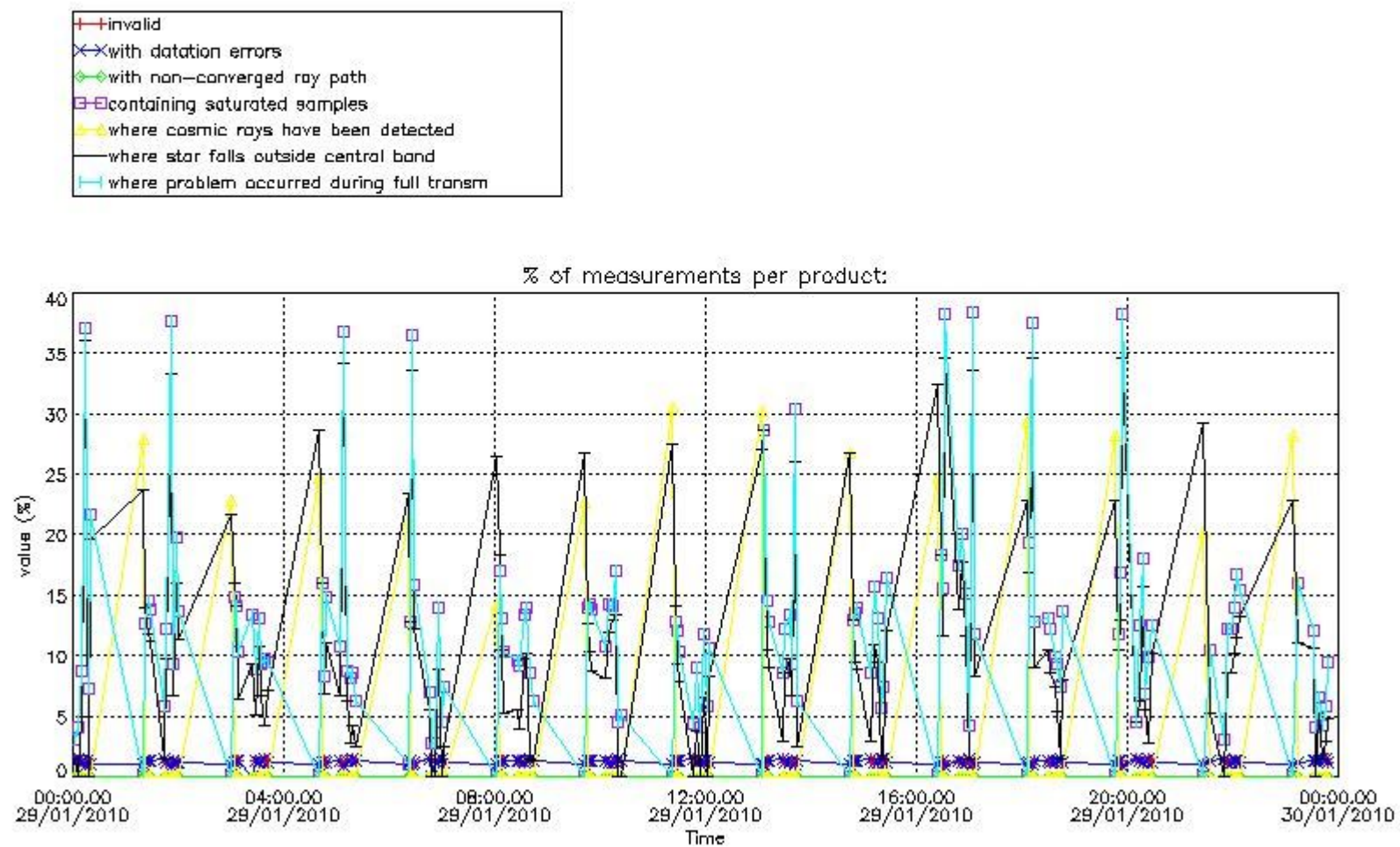
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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

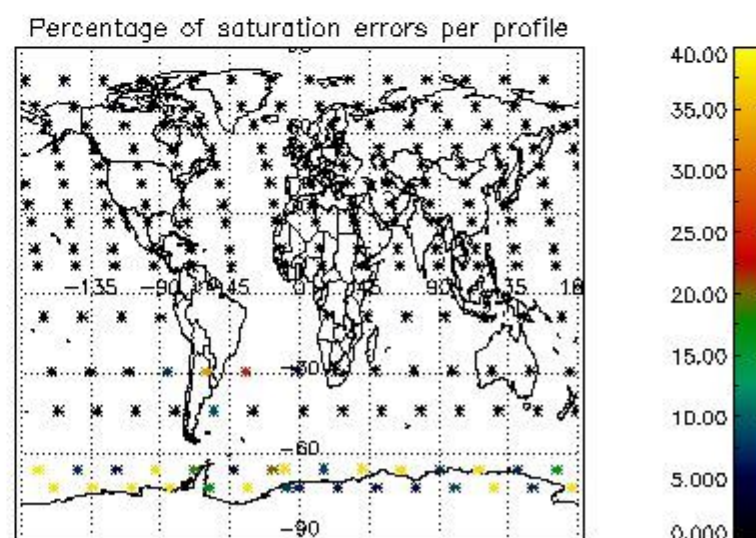
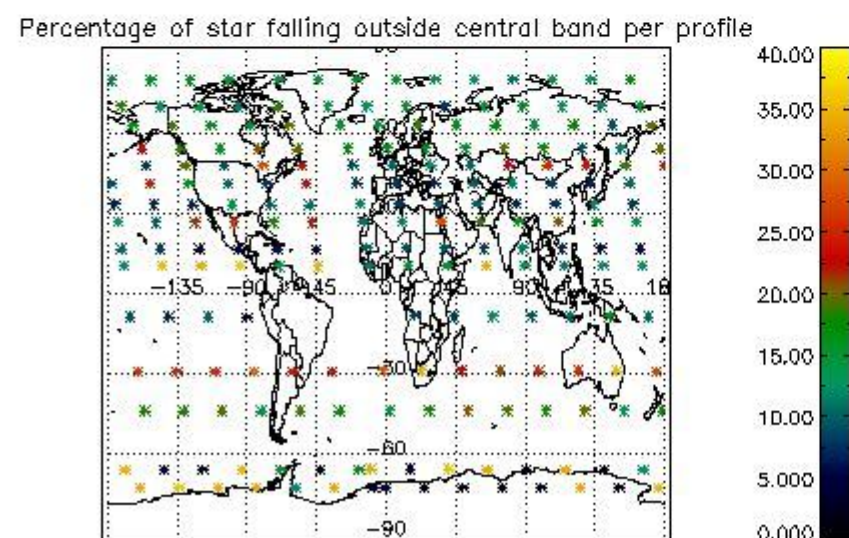
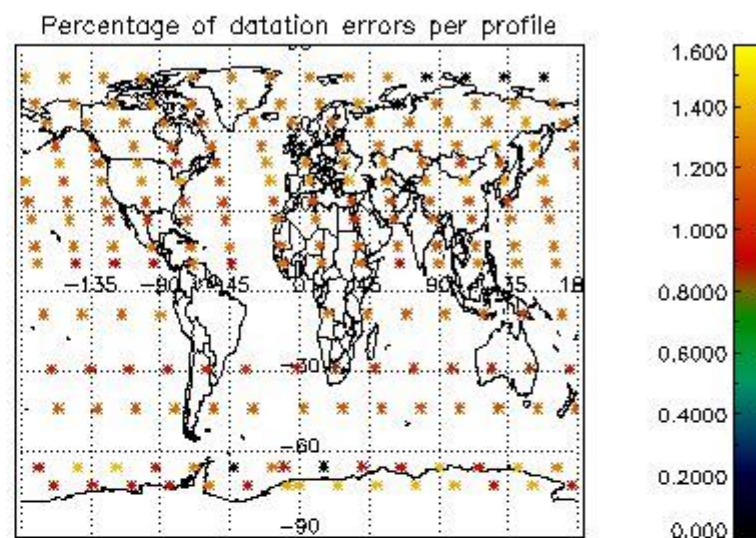
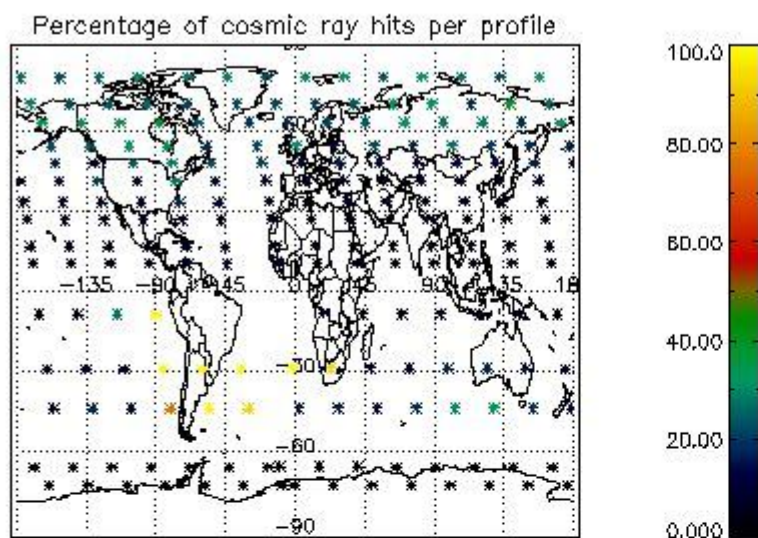


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

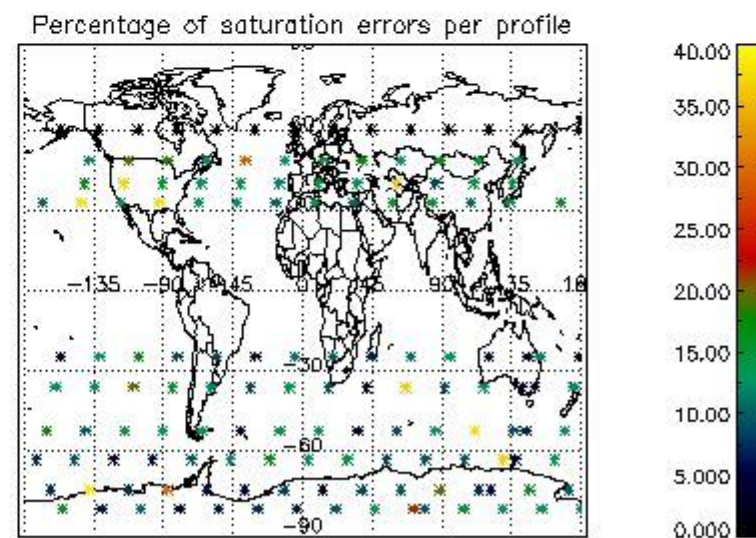
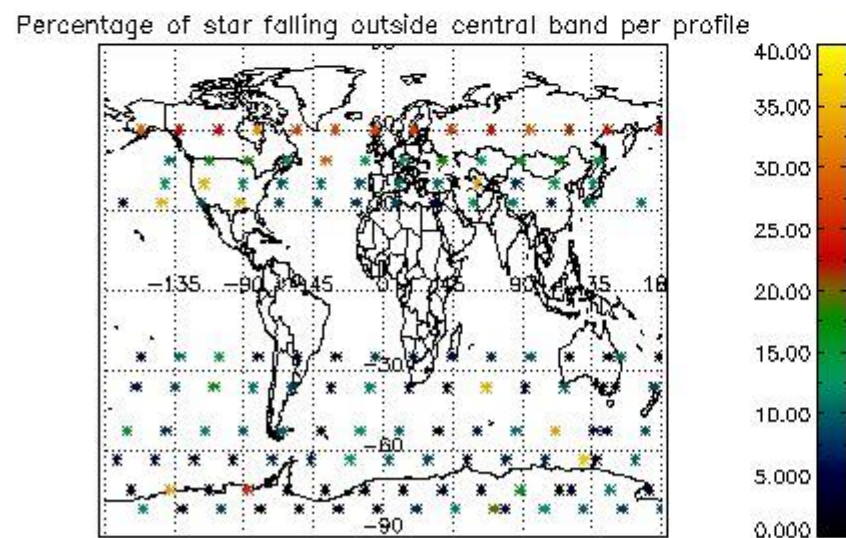
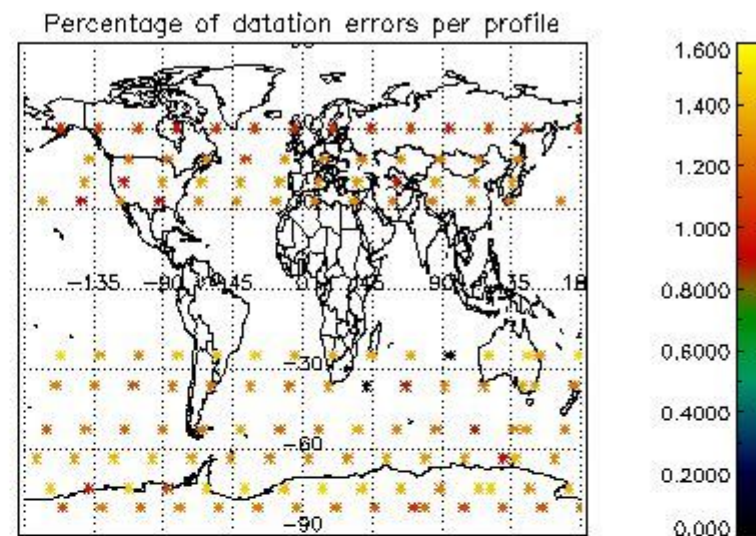
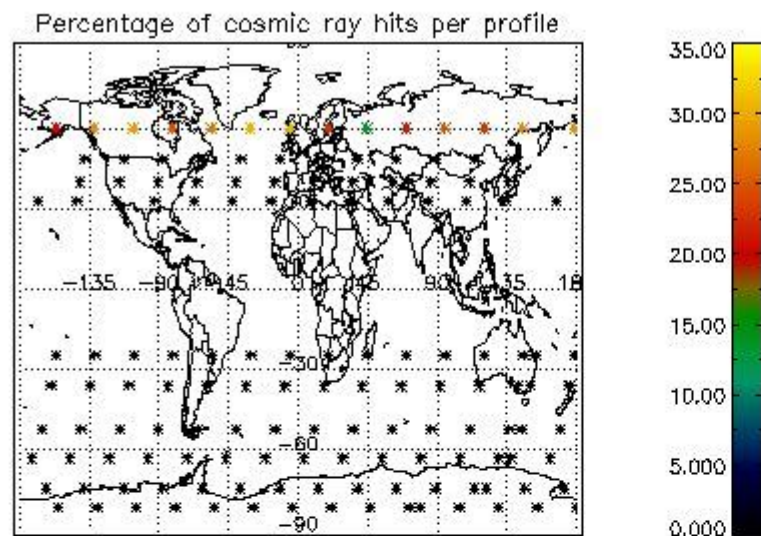


4.2 Plot quality information per product coming from level 1b processing (world map)

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

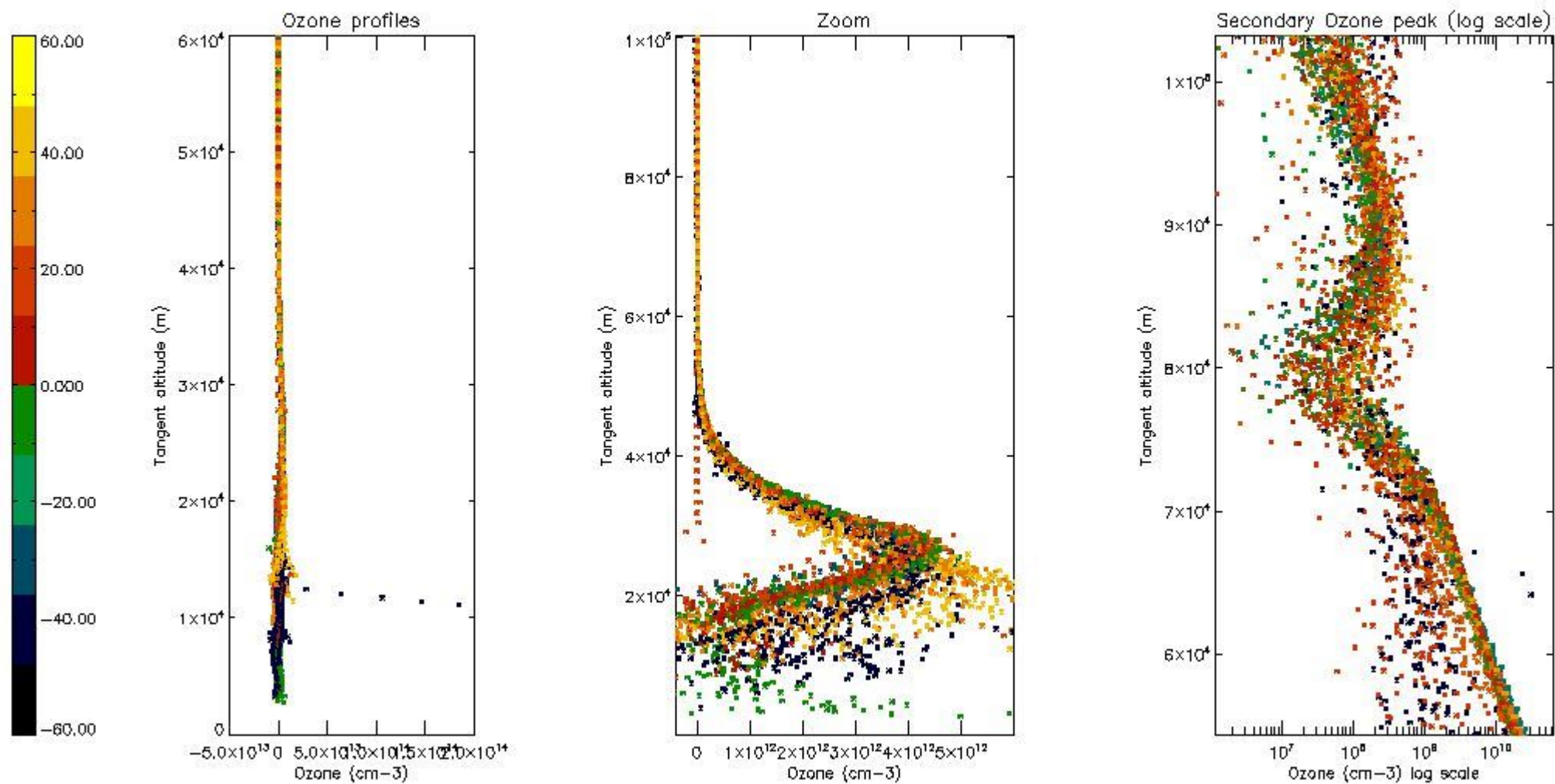
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	41
STD < 20	22

STD < 10	17
STD < 5	11

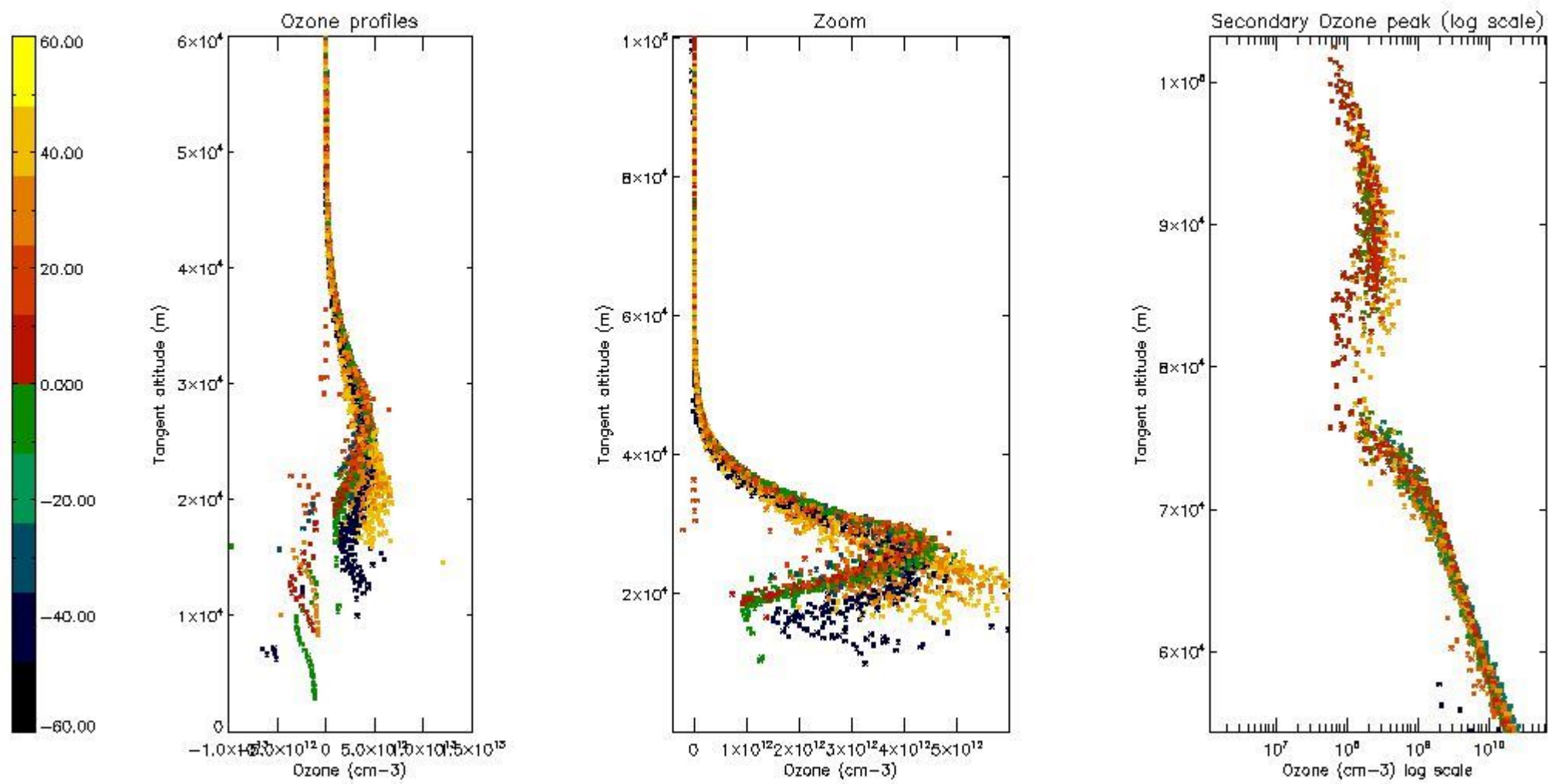
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



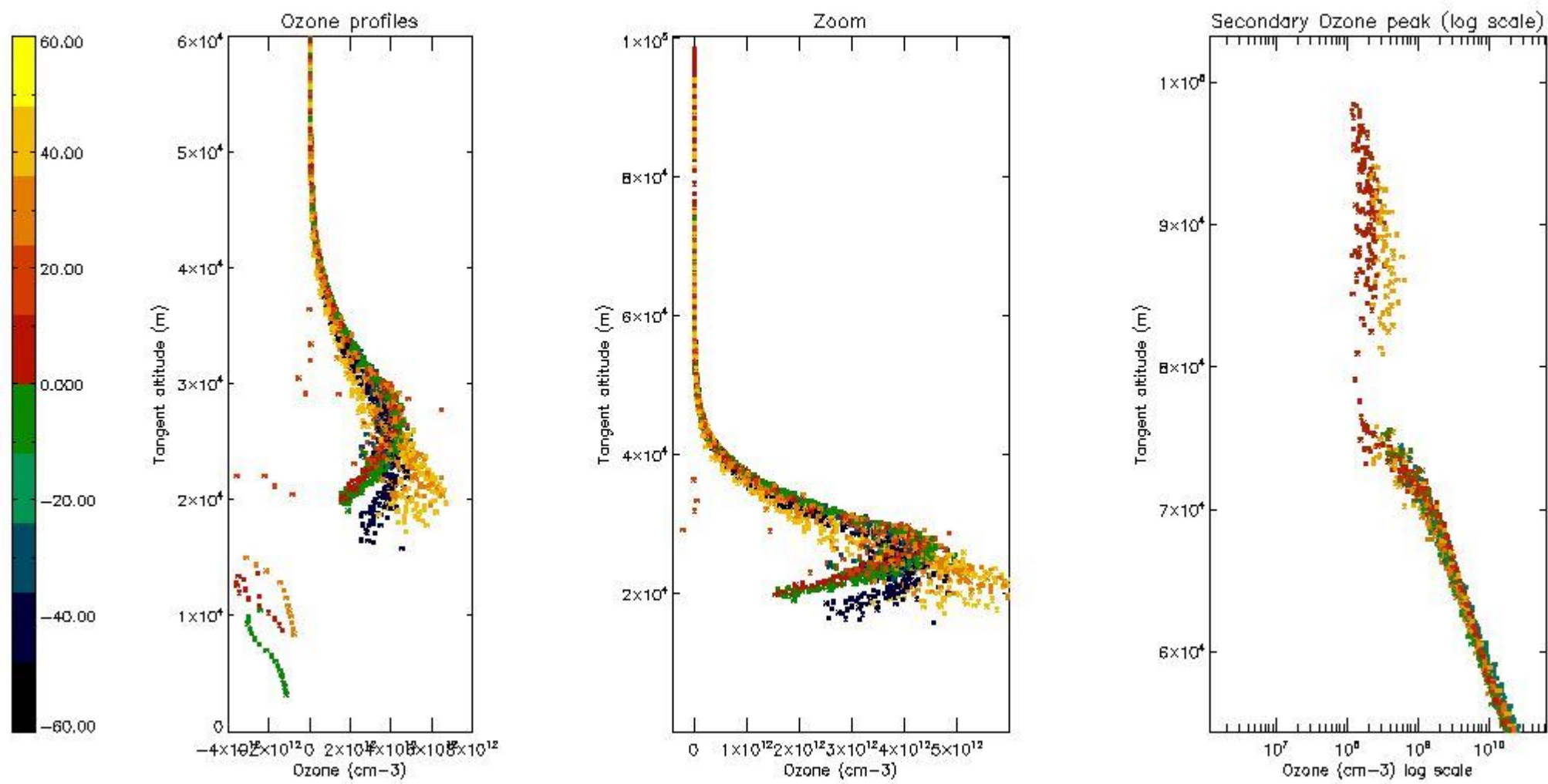
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



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

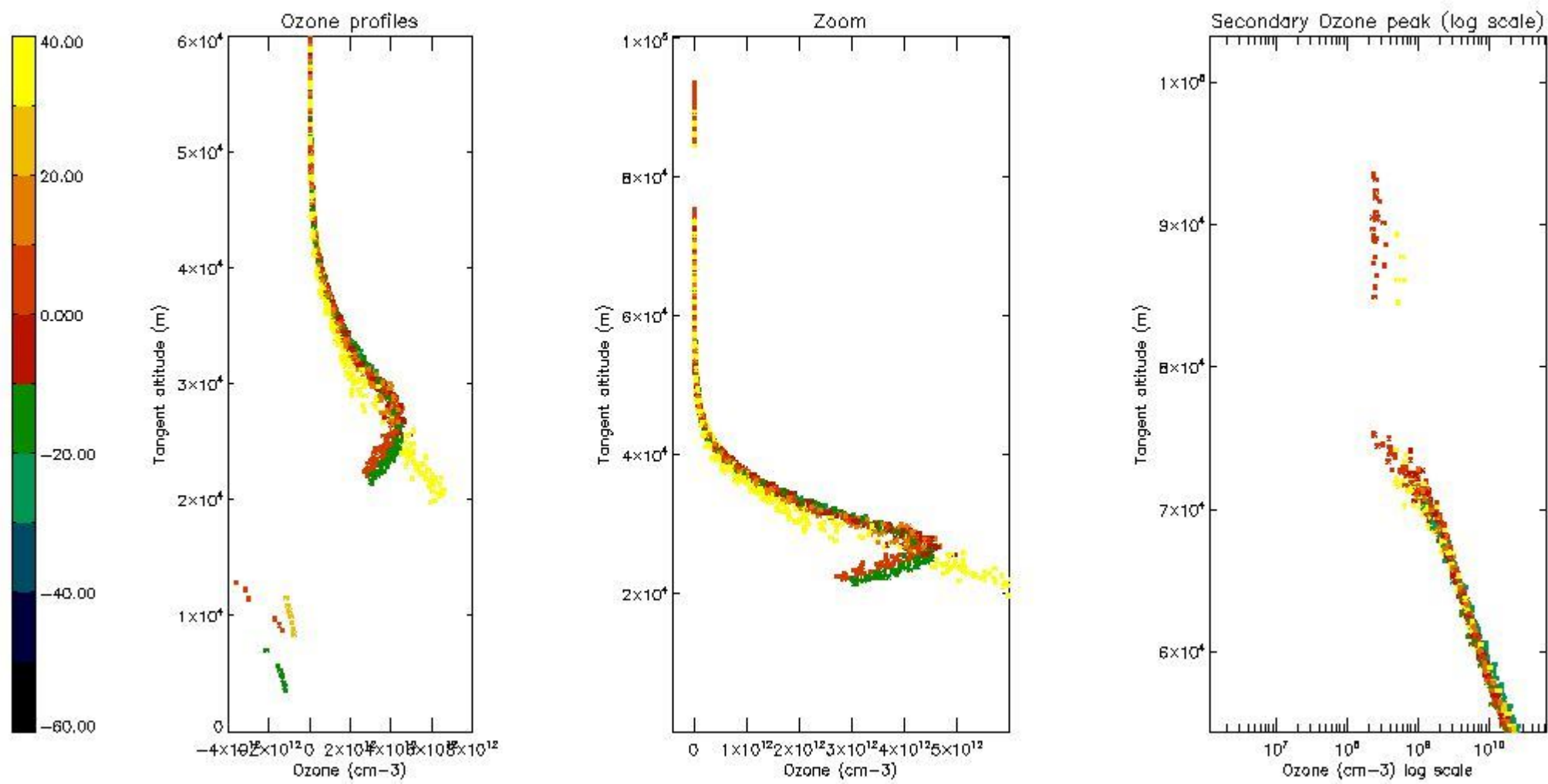
The colorbar represents the latitude.



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

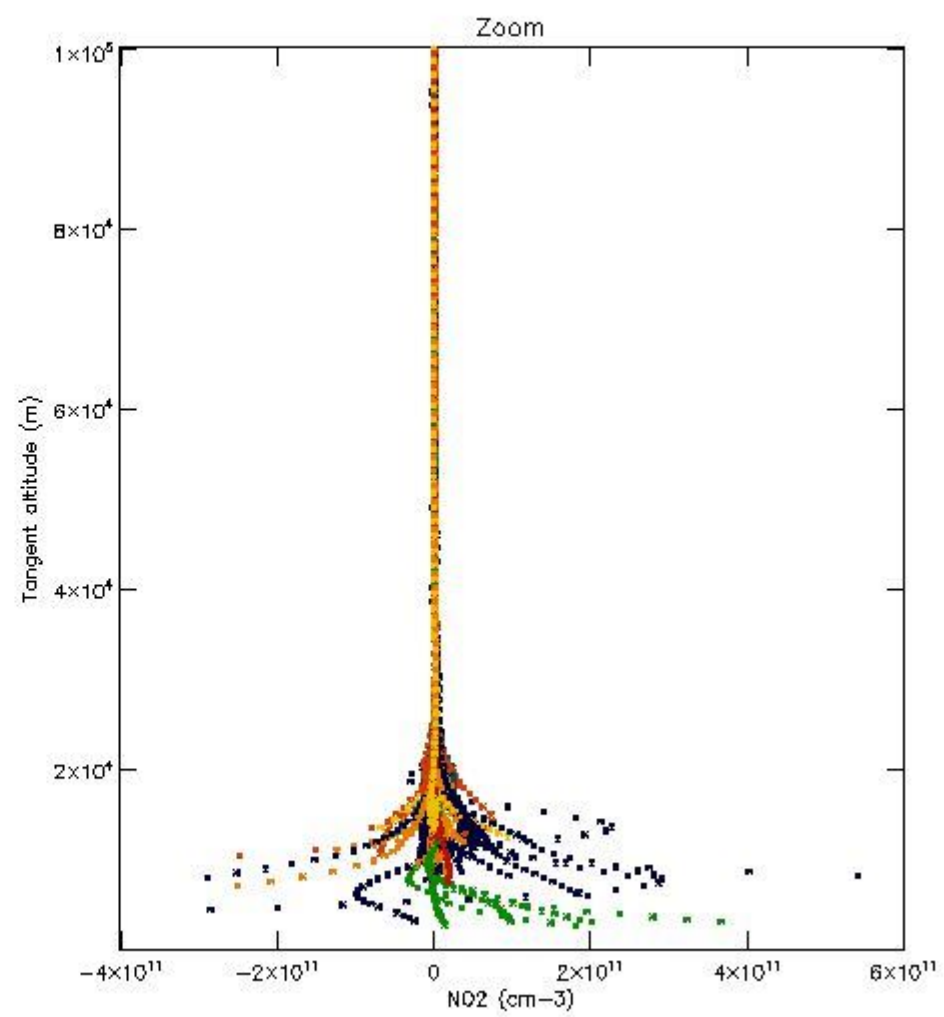
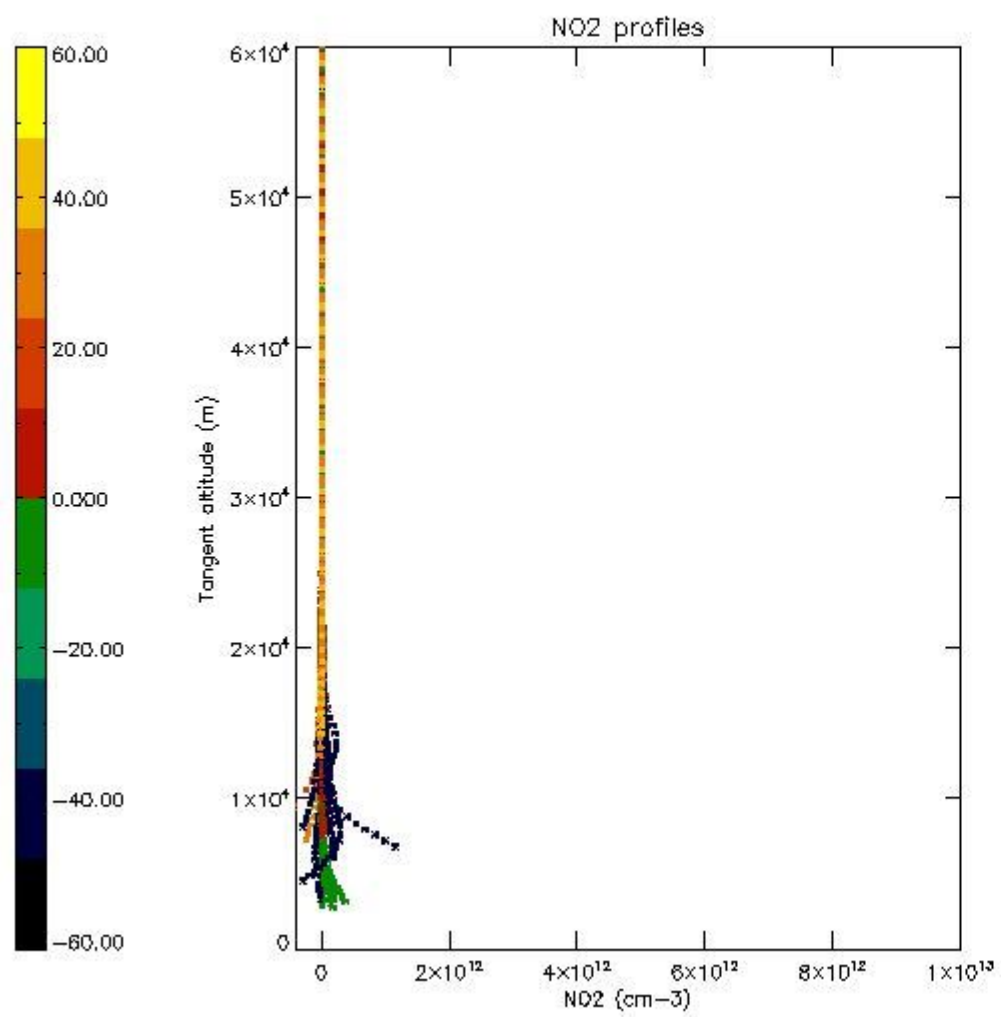
The colorbar represents the latitude.





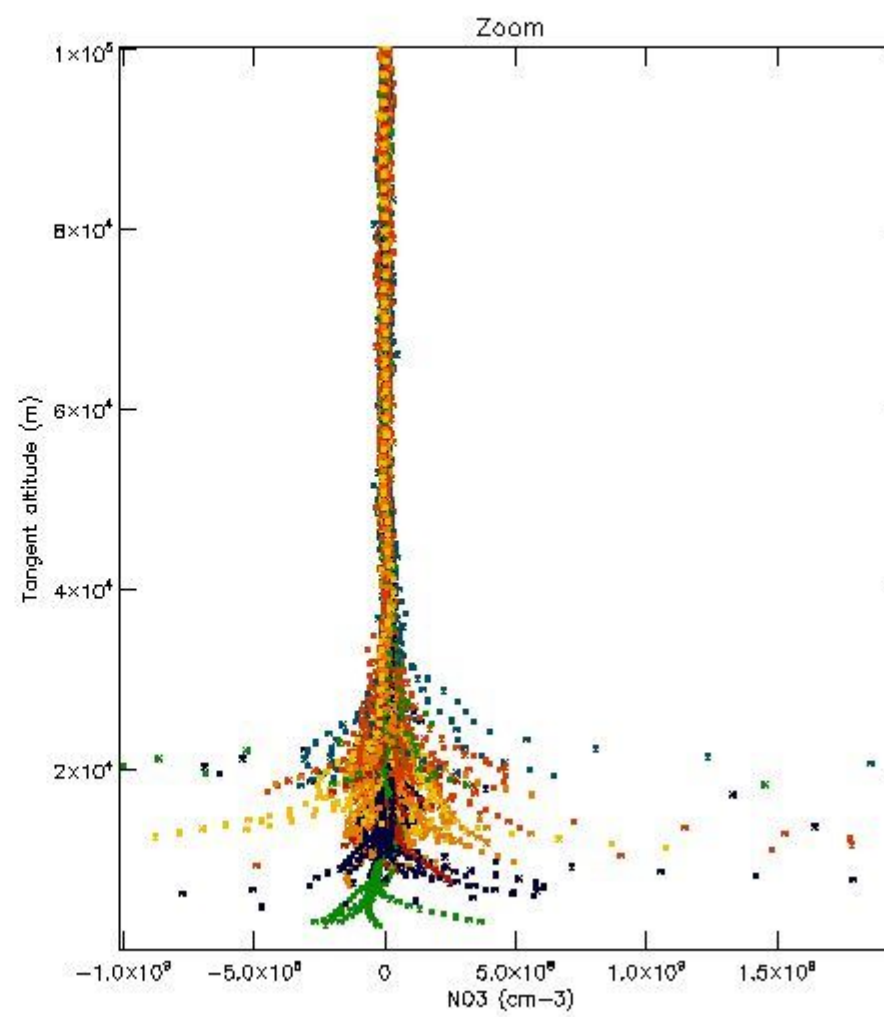
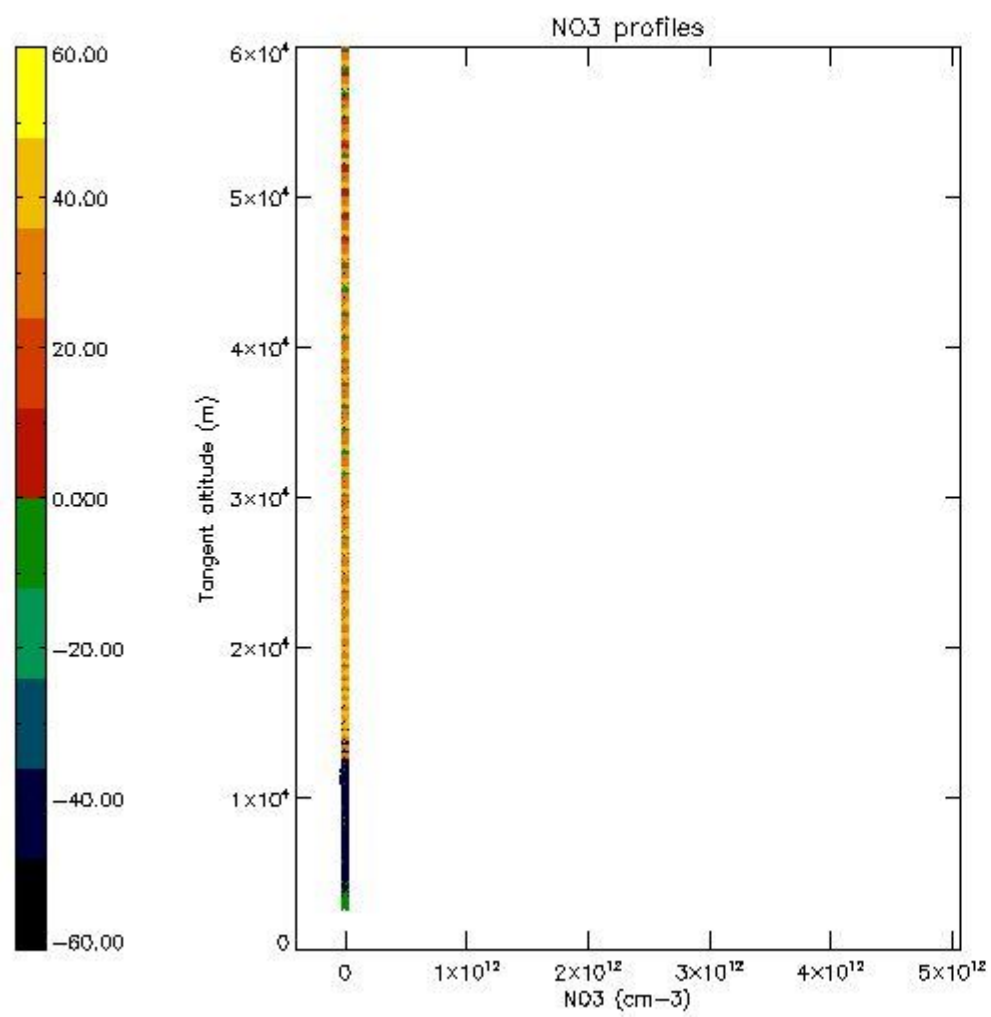
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



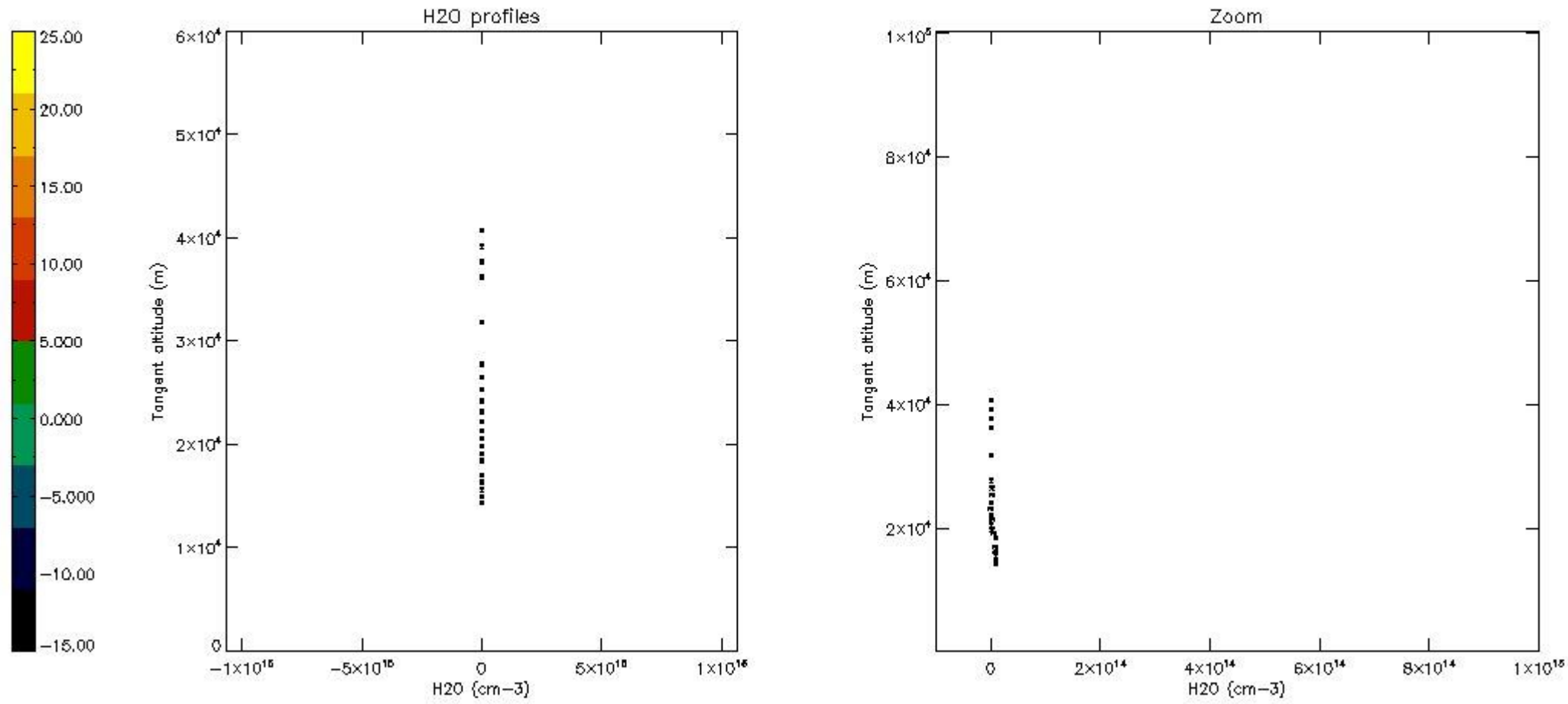
*5.7 Plot NO3 profiles for all STD (dark without errors)*

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	29-JAN-2010 00:02:36
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	29-JAN-2010 00:02:36
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	29-JAN-2010 00:02:36

# 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	26APR2013 16:56:39
Data source version	GOMOS/6.01
Start time of products	29-01-2010 (29JAN2010 00:00:00)
Stop time of products	30-01-2010 (30JAN2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	351
Nb of prods with errors	0

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

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20100129_000236_000000342086_00245_41381_2424.N1	29-JAN-2010 00:02:36	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	41381	No
2	GOM_NL__2PRFIN20100129_000553_000000372086_00245_41381_2425.N1	29-JAN-2010 00:05:53	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	41381	No
3	GOM_NL__2PRFIN20100129_001033_000000402086_00245_41381_2426.N1	29-JAN-2010 00:10:33	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	41381	No
4	GOM_NL__2PRFIN20100129_001336_000000542086_00245_41381_2427.N1	29-JAN-2010 00:13:36	Bright	54.000	130	23Bet Dra	2.7990	5800.0	108	41381	No
5	GOM_NL__2PRFIN20100129_001708_000000352086_00245_41381_2428.N1	29-JAN-2010 00:17:08	Bright	34.500	5	3Alp Lyr	0.033000	11000.	69	41381	No
6	GOM_NL__2PRFIN20100129_002010_000000492086_00245_41381_2429.N1	29-JAN-2010 00:20:10	Bright	48.500	133	40Zet Her	2.8070	6000.0	97	41381	No
7	GOM_NL__2PRFIN20100129_002514_000000372086_00245_41381_2430.N1	29-JAN-2010 00:25:14	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	41381	No
8	GOM_NL__2PRFIN20100129_002722_000000422086_00245_41381_2431.N1	29-JAN-2010 00:27:22	Bright	41.500	126	60Bet Oph	2.7700	4250.0	83	41381	No
9	GOM_NL__2PRFIN20100129_003343_000000442086_00245_41381_2432.N1	29-JAN-2010 00:33:43	Twilight	43.500	86	35Eta Oph	2.4300	10200.	87	41381	No
10	GOM_NL__2PRFIN20100129_003753_000000492086_00245_41381_2433.N1	29-JAN-2010 00:37:53	Dark	49.000	16	21Alp Sco	1.0200	3000.0	98	41381	No
11	GOM_NL__2PRFIN20100129_004857_000000552086_00246_41382_2419.N1	29-JAN-2010 00:48:57	Dark	55.000	4	Alp1Cen	-0.010000	5800.0	110	41382	No
12	GOM_NL__2PRFIN20100129_005042_000000422086_00246_41382_2420.N1	29-JAN-2010 00:50:42	Dark	41.500	77	Eps Cen	2.3030	28000.	83	41382	No
13	GOM_NL__2PRFIN20100129_005332_000000462086_00246_41382_2421.N1	29-JAN-2010 00:53:32	Dark	46.000	12	Alp1Cru	0.77500	30000.	92	41382	No
14	GOM_NL__2PRFIN20100129_005522_000000472086_00246_41382_2422.N1	29-JAN-2010 00:55:22	Dark	46.500	99	Del Cen	2.5750	26000.	93	41382	No
15	GOM_NL__2PRFIN20100129_005739_000000452086_00246_41382_2423.N1	29-JAN-2010 00:57:39	Dark	45.000	159	Ups Car	2.9200	7200.0	90	41382	No
16	GOM_NL__2PRFIN20100129_005934_000000452086_00246_41382_2424.N1	29-JAN-2010 00:59:34	Dark	45.000	71	lot Car	2.2460	7700.0	90	41382	No
17	GOM_NL__2PRFIN20100129_010120_000000442086_00246_41382_2425.N1	29-JAN-2010 01:01:20	Dark	44.000	46	Del Vel	1.9540	10600.	88	41382	No
18	GOM_NL__2PRFIN20100129_010354_000000442086_00246_41382_2426.N1	29-JAN-2010 01:03:54	Dark	43.500	34	Gam2Vel	1.7930	23000.	87	41382	No
19	GOM_NL__2PRFIN20100129_010600_000000432086_00246_41382_2427.N1	29-JAN-2010 01:06:00	Straylight	43.000	70	Zet Pup	2.2460	39000.	86	41382	No
20	GOM_NL__2PRFIN20100129_010929_000000412086_00246_41382_2428.N1	29-JAN-2010 01:09:29	Straylight	40.500	88	31Eta CMa	2.4480	20000.	81	41382	No
21	GOM_NL__2PRFIN20100129_011918_000000472086_00246_41382_2429.N1	29-JAN-2010 01:19:18	Twilight	46.500	8	10Alp CMi	0.40000	6500.0	93	41382	No
22	GOM_NL__2PRFIN20100129_012238_000000402086_00246_41382_2430.N1	29-JAN-2010 01:22:38	Bright	39.500	44	24Gam Gem	1.9280	11000.	79	41382	No
23	GOM_NL__2PRFIN20100129_012503_000000382086_00246_41382_2431.N1	29-JAN-2010 01:25:03	Bright	38.000	170	27Eps Gem	3.0000	9700.0	76	41382	No
24	GOM_NL__2PRFIN20100129_012707_000000402086_00246_41382_2432.N1	29-JAN-2010 01:27:07	Bright	40.000	24	66Alp Gem	1.5800	10200.	80	41382	No
25	GOM_NL__2PRFIN20100129_014312_000000352086_00246_41382_2433.N1	29-JAN-2010 01:43:12	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	41382	No
26	GOM_NL__2PRFIN20100129_014629_000000412086_00246_41382_2434.N1	29-JAN-2010 01:46:29	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	41382	No
27	GOM_NL__2PRFIN20100129_015108_000000572086_00246_41382_2435.N1	29-JAN-2010 01:51:08	Bright	57.000	119	14Eta Dra	2.7270	4700.0	114	41382	No
28	GOM_NL__2PRFIN20100129_015412_000000382086_00246_41382_2436.N1	29-JAN-2010 01:54:12	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	41382	No
29	GOM_NL__2PRFIN20100129_015744_000000412086_00246_41382_2437.N1	29-JAN-2010 01:57:44	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	41382	No
30	GOM_NL__2PRFIN20100129_020046_000000442086_00246_41382_2438.N1	29-JAN-2010 02:00:46	Bright	44.000	133	40Zet Her	2.8070	6000.0	88	41382	No
31	GOM_NL__2PRFIN20100129_020551_000000542086_00246_41382_2439.N1	29-JAN-2010 02:05:51	Bright	54.000	59	55Alp Oph	2.0800	8900.0	108	41382	No
32	GOM_NL__2PRFIN20100129_020758_000000342086_00246_41382_2440.N1	29-JAN-2010 02:07:58	Bright	34.000	126	60Bet Oph	2.7700	4250.0	68	41382	No
33	GOM_NL__2PRFIN20100129_021419_000000452086_00246_41382_2441.N1	29-JAN-2010 02:14:19	Twilight	44.500	86	35Eta Oph	2.4300	10200.	89	41382	No
34	GOM_NL__2PRFIN20100129_021830_000000502086_00246_41382_2442.N1	29-JAN-2010 02:18:30	Dark	50.000	16	21Alp Sco	1.0200	3000.0	100	41382	No
35	GOM_NL__2PRFIN20100129_022933_000000422086_00247_41383_2447.N1	29-JAN-2010 02:29:33	Dark	42.000	4	Alp1Cen	-0.010000	5800.0	84	41383	No
36	GOM_NL__2PRFIN20100129_023119_000000422086_00247_41383_2448.N1	29-JAN-2010 02:31:19	Dark	42.000	77	Eps Cen	2.3030	28000.	84	41383	No
37	GOM_NL__2PRFIN20100129_023408_000000452086_00247_41383_2449.N1	29-JAN-2010 02:34:08	Dark	44.500	12	Alp1Cru	0.77500	30000.	89	41383	No
38	GOM_NL__2PRFIN20100129_023559_000000462086_00247_41383_2450.N1	29-JAN-2010 02:35:59	Dark	46.000	99	Del Cen	2.5750	26000.	92	41383	No
39	GOM_NL__2PRFIN20100129_023815_000000382086_00247_41383_2451.N1	29-JAN-2010 02:38:15	Dark	38.000	159	Ups Car	2.9200	7200.0	76	41383	No
40	GOM_NL__2PRFIN20100129_024011_000000492086_00247_41383_2452.N1	29-JAN-2010 02:40:11	Dark	48.500	71	lot Car	2.2460	7700.0	97	41383	No
41	GOM_NL__2PRFIN20100129_024157_000000442086_00247_41383_2453.N1	29-JAN-2010 02:41:57	Dark	44.000	46	Del Vel	1.9540	10600.	88	41383	No
42	GOM_NL__2PRFIN20100129_024430_000000422086_00247_41383_2454.N1	29-JAN-2010 02:44:30	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	41383	No

43	GOM_NL__2PRFIN20100129_024636_000000402086_00247_41383_2455.N1	29-JAN-2010 02:46:36	Straylight	40.000	70	Zet Pup	2.2460	39000.	80	41383	No
44	GOM_NL__2PRFIN20100129_025005_000000422086_00247_41383_2456.N1	29-JAN-2010 02:50:05	Straylight	41.500	88	31Eta CMa	2.4480	20000.	83	41383	No
45	GOM_NL__2PRFIN20100129_025954_000000462086_00247_41383_2457.N1	29-JAN-2010 02:59:54	Tw_i_and_stray	46.000	8	10Alp CMi	0.40000	6500.0	92	41383	No
46	GOM_NL__2PRFIN20100129_030315_000000412086_00247_41383_2458.N1	29-JAN-2010 03:03:15	Bright	40.500	44	24Gam Gem	1.9280	11000.	81	41383	No
47	GOM_NL__2PRFIN20100129_030538_000000392086_00247_41383_2459.N1	29-JAN-2010 03:05:38	Bright	39.000	170	27Eps Gem	3.0000	9700.0	78	41383	No
48	GOM_NL__2PRFIN20100129_030743_000000392086_00247_41383_2460.N1	29-JAN-2010 03:07:43	Bright	39.000	24	66Alp Gem	1.5800	10200.	78	41383	No
49	GOM_NL__2PRFIN20100129_032348_000000382086_00247_41383_2461.N1	29-JAN-2010 03:23:48	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	41383	No
50	GOM_NL__2PRFIN20100129_032705_000000402086_00247_41383_2462.N1	29-JAN-2010 03:27:05	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	41383	No
51	GOM_NL__2PRFIN20100129_033144_000000422086_00247_41383_2463.N1	29-JAN-2010 03:31:44	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	41383	No
52	GOM_NL__2PRFIN20100129_033448_000000382086_00247_41383_2464.N1	29-JAN-2010 03:34:48	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	41383	No
53	GOM_NL__2PRFIN20100129_033820_000000362086_00247_41383_2465.N1	29-JAN-2010 03:38:20	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	41383	No
54	GOM_NL__2PRFIN20100129_034122_000000422086_00247_41383_2466.N1	29-JAN-2010 03:41:22	Bright	42.000	133	40Zet Her	2.8070	6000.0	84	41383	No
55	GOM_NL__2PRFIN20100129_034627_000000412086_00247_41383_2467.N1	29-JAN-2010 03:46:27	Bright	40.500	59	55Alp Oph	2.0800	8900.0	81	41383	No
56	GOM_NL__2PRFIN20100129_034834_000000412086_00247_41383_2468.N1	29-JAN-2010 03:48:34	Bright	40.500	126	60Bet Oph	2.7700	4250.0	81	41383	No
57	GOM_NL__2PRFIN20100129_035456_000000422086_00247_41383_2469.N1	29-JAN-2010 03:54:56	Tw_i_and_stray	41.500	86	35Eta Oph	2.4300	10200.	83	41383	No
58	GOM_NL__2PRFIN20100129_035906_000000532086_00247_41383_2470.N1	29-JAN-2010 03:59:06	Dark	53.000	16	21Alp Sco	1.0200	3000.0	106	41383	No
59	GOM_NL__2PRFIN20100129_040449_000000402086_00247_41383_2471.N1	29-JAN-2010 04:04:49	Dark	40.000	131	Gam Lup	2.8000	26000.	80	41383	No
60	GOM_NL__2PRFIN20100129_041010_000000552086_00248_41384_2455.N1	29-JAN-2010 04:10:10	Dark	55.000	4	Alp1Cen	-0.010000	5800.0	110	41384	No
61	GOM_NL__2PRFIN20100129_041156_000000422086_00248_41384_2456.N1	29-JAN-2010 04:11:56	Dark	41.500	77	Eps Cen	2.3030	28000.	83	41384	No
62	GOM_NL__2PRFIN20100129_041445_000000492086_00248_41384_2457.N1	29-JAN-2010 04:14:45	Dark	48.500	12	Alp1Cru	0.77500	30000.	97	41384	No
63	GOM_NL__2PRFIN20100129_041636_000000472086_00248_41384_2458.N1	29-JAN-2010 04:16:36	Dark	46.500	99	Del Cen	2.5750	26000.	93	41384	No
64	GOM_NL__2PRFIN20100129_041852_000000392086_00248_41384_2459.N1	29-JAN-2010 04:18:52	Dark	39.000	159	Ups Car	2.9200	7200.0	78	41384	No
65	GOM_NL__2PRFIN20100129_042047_000000392086_00248_41384_2460.N1	29-JAN-2010 04:20:47	Dark	38.500	71	lot Car	2.2460	7700.0	77	41384	No
66	GOM_NL__2PRFIN20100129_042233_000000422086_00248_41384_2461.N1	29-JAN-2010 04:22:33	Dark	41.500	46	Del Vel	1.9540	10600.	83	41384	No
67	GOM_NL__2PRFIN20100129_042507_000000422086_00248_41384_2462.N1	29-JAN-2010 04:25:07	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	41384	No
68	GOM_NL__2PRFIN20100129_042712_000000412086_00248_41384_2463.N1	29-JAN-2010 04:27:12	Straylight	40.500	70	Zet Pup	2.2460	39000.	81	41384	No
69	GOM_NL__2PRFIN20100129_043042_000000412086_00248_41384_2464.N1	29-JAN-2010 04:30:42	Straylight	40.500	88	31Eta CMa	2.4480	20000.	81	41384	No
70	GOM_NL__2PRFIN20100129_044030_000000512086_00248_41384_2465.N1	29-JAN-2010 04:40:30	Tw_i_and_stray	50.500	8	10Alp CMi	0.40000	6500.0	101	41384	No
71	GOM_NL__2PRFIN20100129_044351_000000412086_00248_41384_2466.N1	29-JAN-2010 04:43:51	Bright	40.500	44	24Gam Gem	1.9280	11000.	81	41384	No
72	GOM_NL__2PRFIN20100129_044615_000000372086_00248_41384_2467.N1	29-JAN-2010 04:46:15	Bright	36.500	170	27Eps Gem	3.0000	9700.0	73	41384	No
73	GOM_NL__2PRFIN20100129_044819_000000412086_00248_41384_2468.N1	29-JAN-2010 04:48:19	Bright	40.500	24	66Alp Gem	1.5800	10200.	81	41384	No
74	GOM_NL__2PRFIN20100129_050424_000000372086_00248_41384_2469.N1	29-JAN-2010 05:04:24	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	41384	No
75	GOM_NL__2PRFIN20100129_050740_000000572086_00248_41384_2470.N1	29-JAN-2010 05:07:40	Bright	57.000	60	7Bet UMi	2.0810	3950.0	114	41384	No
76	GOM_NL__2PRFIN20100129_051220_000000402086_00248_41384_2471.N1	29-JAN-2010 05:12:20	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	41384	No
77	GOM_NL__2PRFIN20100129_051524_000000372086_00248_41384_2472.N1	29-JAN-2010 05:15:24	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	41384	No
78	GOM_NL__2PRFIN20100129_051856_000000352086_00248_41384_2473.N1	29-JAN-2010 05:18:56	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	41384	No
79	GOM_NL__2PRFIN20100129_052159_000000402086_00248_41384_2474.N1	29-JAN-2010 05:21:59	Bright	40.000	133	40Zet Her	2.8070	6000.0	80	41384	No
80	GOM_NL__2PRFIN20100129_052703_000000542086_00248_41384_2475.N1	29-JAN-2010 05:27:03	Bright	54.000	59	55Alp Oph	2.0800	8900.0	108	41384	No
81	GOM_NL__2PRFIN20100129_052910_000000532086_00248_41384_2476.N1	29-JAN-2010 05:29:10	Bright	53.000	126	60Bet Oph	2.7700	4250.0	106	41384	No
82	GOM_NL__2PRFIN20100129_053532_000000452086_00248_41384_2477.N1	29-JAN-2010 05:35:32	Tw_i_and_stray	44.500	86	35Eta Oph	2.4300	10200.	89	41384	No
83	GOM_NL__2PRFIN20100129_053943_000000512086_00248_41384_2478.N1	29-JAN-2010 05:39:43	Dark	51.000	16	21Alp Sco	1.0200	3000.0	102	41384	No
84	GOM_NL__2PRFIN20100129_054526_000000442086_00248_41384_2479.N1	29-JAN-2010 05:45:26	Dark	43.500	131	Gam Lup	2.8000	26000.	87	41384	No
85	GOM_NL__2PRFIN20100129_055047_000000552086_00249_41385_2463.N1	29-JAN-2010 05:50:47	Dark	55.000	4	Alp1Cen	-0.010000	5800.0	110	41385	No
86	GOM_NL__2PRFIN20100129_055233_000000422086_00249_41385_2464.N1	29-JAN-2010 05:52:33	Dark	41.500	77	Eps Cen	2.3030	28000.	83	41385	No
87	GOM_NL__2PRFIN20100129_055522_000000472086_00249_41385_2465.N1	29-JAN-2010 05:55:22	Dark	46.500	12	Alp1Cru	0.77500	30000.	93	41385	No
88	GOM_NL__2PRFIN20100129_055712_000000442086_00249_41385_2466.N1	29-JAN-2010 05:57:12	Dark	44.000	99	Del Cen	2.5750	26000.	88	41385	No
89	GOM_NL__2PRFIN20100129_055928_000000422086_00249_41385_2467.N1	29-JAN-2010 05:59:28	Dark	42.000	159	Ups Car	2.9200	7200.0	84	41385	No
90	GOM_NL__2PRFIN20100129_060123_000000442086_00249_41385_2468.N1	29-JAN-2010 06:01:23	Dark	44.000	71	lot Car	2.2460	7700.0	88	41385	No
91	GOM_NL__2PRFIN20100129_060310_000000432086_00249_41385_2469.N1	29-JAN-2010 06:03:10	Dark	43.000	46	Del Vel	1.9540	10600.	86	41385	No
92	GOM_NL__2PRFIN20100129_060543_000000432086_00249_41385_2470.N1	29-JAN-2010 06:05:43	Dark	42.500	34	Gam2Vel	1.7930	23000.	85	41385	No
93	GOM_NL__2PRFIN20100129_060748_000000402086_00249_41385_2471.N1	29-JAN-2010 06:07:48	Straylight	40.000	70	Zet Pup	2.2460	39000.	80	41385	No
94	GOM_NL__2PRFIN20100129_061118_000000392086_00249_41385_2472.N1	29-JAN-2010 06:11:18	Straylight	39.000	88	31Eta CMa	2.4480	20000.	78	41385	No
95	GOM_NL__2PRFIN20100129_062106_000000472086_00249_41385_2473.N1	29-JAN-2010 06:21:06	Tw_i_and_stray	47.000	8	10Alp CMi	0.40000	6500.0	94	41385	No
96	GOM_NL__2PRFIN20100129_062427_000000392086_00249_41385_2474.N1	29-JAN-2010 06:24:27	Bright	39.000	44	24Gam Gem	1.9280	11000.	78	41385	No
97	GOM_NL__2PRFIN20100129_062651_000000522086_00249_41385_2475.N1	29-JAN-2010 06:26:51	Bright	52.000	170	27Eps Gem	3.0000	9700.0	104	41385	No
98	GOM_NL__2PRFIN20100129_062854_000000412086_00249_41385_2476.N1	29-JAN-2010 06:28:54	Bright	41.000	24	66Alp Gem	1.5800	10200.	82	41385	No
99	GOM_NL__2PRFIN20100129_064500_000000362086_00249_41385_2477.N1	29-JAN-2010 06:45:00	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	41385	No
100	GOM_NL__2PRFIN20100129_064816_000000362086_00249_41385_2478.N1	29-JAN-2010 06:48:16	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	41385	No
101	GOM_NL__2PRFIN20100129_065256_000000372086_00249_41385_2479.N1	29-JAN-2010 06:52:56	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	41385	No

102	GOM_NL__2PRFIN20100129_065600_000000402086_00249_41385_2480.N1	29-JAN-2010 06:56:00	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	41385	No
103	GOM_NL__2PRFIN20100129_065932_000000342086_00249_41385_2481.N1	29-JAN-2010 06:59:32	Bright	33.500	5	3Alp Lyr	0.033000	11000.	67	41385	No
104	GOM_NL__2PRFIN20100129_070235_000000412086_00249_41385_2482.N1	29-JAN-2010 07:02:35	Bright	40.500	133	40Zet Her	2.8070	6000.0	81	41385	No
105	GOM_NL__2PRFIN20100129_070739_000000542086_00249_41385_2483.N1	29-JAN-2010 07:07:39	Bright	54.000	59	55Alp Oph	2.0800	8900.0	108	41385	No
106	GOM_NL__2PRFIN20100129_070947_000000352086_00249_41385_2484.N1	29-JAN-2010 07:09:47	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	41385	No
107	GOM_NL__2PRFIN20100129_071608_000000442086_00249_41385_2485.N1	29-JAN-2010 07:16:08	Tw_i_and_stray	44.000	86	35Eta Oph	2.4300	10200.	88	41385	No
108	GOM_NL__2PRFIN20100129_072019_000000512086_00249_41385_2486.N1	29-JAN-2010 07:20:19	Dark	50.500	16	21Alp Sco	1.0200	3000.0	101	41385	No
109	GOM_NL__2PRFIN20100129_072602_000000422086_00249_41385_2487.N1	29-JAN-2010 07:26:02	Dark	42.000	131	Gam Lup	2.8000	26000.	84	41385	No
110	GOM_NL__2PRFIN20100129_073123_000000552086_00250_41386_2471.N1	29-JAN-2010 07:31:23	Dark	55.000	4	Alp1Cen	-0.010000	5800.0	110	41386	No
111	GOM_NL__2PRFIN20100129_073310_000000432086_00250_41386_2472.N1	29-JAN-2010 07:33:10	Dark	42.500	77	Eps Cen	2.3030	28000.	85	41386	No
112	GOM_NL__2PRFIN20100129_073558_000000412086_00250_41386_2473.N1	29-JAN-2010 07:35:58	Dark	41.000	12	Alp1Cru	0.77500	30000.	82	41386	No
113	GOM_NL__2PRFIN20100129_073749_000000452086_00250_41386_2474.N1	29-JAN-2010 07:37:49	Dark	44.500	99	Del Cen	2.5750	26000.	89	41386	No
114	GOM_NL__2PRFIN20100129_074005_000000462086_00250_41386_2475.N1	29-JAN-2010 07:40:05	Dark	45.500	159	Ups Car	2.9200	7200.0	91	41386	No
115	GOM_NL__2PRFIN20100129_074200_000000382086_00250_41386_2476.N1	29-JAN-2010 07:42:00	Dark	38.000	71	lot Car	2.2460	7700.0	76	41386	No
116	GOM_NL__2PRFIN20100129_074346_000000462086_00250_41386_2477.N1	29-JAN-2010 07:43:46	Dark	45.500	46	Del Vel	1.9540	10600.	91	41386	No
117	GOM_NL__2PRFIN20100129_074619_000000422086_00250_41386_2478.N1	29-JAN-2010 07:46:19	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	41386	No
118	GOM_NL__2PRFIN20100129_074824_000000432086_00250_41386_2479.N1	29-JAN-2010 07:48:24	Straylight	43.000	70	Zet Pup	2.2460	39000.	86	41386	No
119	GOM_NL__2PRFIN20100129_075154_000000422086_00250_41386_2480.N1	29-JAN-2010 07:51:54	Straylight	42.000	88	31Eta CMa	2.4480	20000.	84	41386	No
120	GOM_NL__2PRFIN20100129_080142_000000492086_00250_41386_2481.N1	29-JAN-2010 08:01:42	Tw_i_and_stray	49.000	8	10Alp CMi	0.40000	6500.0	98	41386	No
121	GOM_NL__2PRFIN20100129_080503_000000412086_00250_41386_2482.N1	29-JAN-2010 08:05:03	Bright	41.000	44	24Gam Gem	1.9280	11000.	82	41386	No
122	GOM_NL__2PRFIN20100129_080727_000000382086_00250_41386_2483.N1	29-JAN-2010 08:07:27	Bright	38.000	170	27Eps Gem	3.0000	9700.0	76	41386	No
123	GOM_NL__2PRFIN20100129_080930_000000392086_00250_41386_2484.N1	29-JAN-2010 08:09:30	Bright	38.500	24	66Alp Gem	1.5800	10200.	77	41386	No
124	GOM_NL__2PRFIN20100129_082536_000000372086_00250_41386_2485.N1	29-JAN-2010 08:25:36	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	41386	No
125	GOM_NL__2PRFIN20100129_082852_000000392086_00250_41386_2486.N1	29-JAN-2010 08:28:52	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	41386	No
126	GOM_NL__2PRFIN20100129_083332_000000412086_00250_41386_2487.N1	29-JAN-2010 08:33:32	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	41386	No
127	GOM_NL__2PRFIN20100129_083636_000000402086_00250_41386_2488.N1	29-JAN-2010 08:36:36	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	41386	No
128	GOM_NL__2PRFIN20100129_084008_000000352086_00250_41386_2489.N1	29-JAN-2010 08:40:08	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	41386	No
129	GOM_NL__2PRFIN20100129_084311_000000402086_00250_41386_2490.N1	29-JAN-2010 08:43:11	Bright	40.000	133	40Zet Her	2.8070	6000.0	80	41386	No
130	GOM_NL__2PRFIN20100129_084816_000000542086_00250_41386_2491.N1	29-JAN-2010 08:48:16	Bright	54.000	59	55Alp Oph	2.0800	8900.0	108	41386	No
131	GOM_NL__2PRFIN20100129_085023_000000362086_00250_41386_2492.N1	29-JAN-2010 08:50:23	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	41386	No
132	GOM_NL__2PRFIN20100129_085645_000000442086_00250_41386_2493.N1	29-JAN-2010 08:56:45	Tw_i_and_stray	44.000	86	35Eta Oph	2.4300	10200.	88	41386	No
133	GOM_NL__2PRFIN20100129_090056_000000512086_00250_41386_2494.N1	29-JAN-2010 09:00:56	Dark	50.500	16	21Alp Sco	1.0200	3000.0	101	41386	No
134	GOM_NL__2PRFIN20100129_090639_000000432086_00250_41386_2495.N1	29-JAN-2010 09:06:39	Dark	43.000	131	Gam Lup	2.8000	26000.	86	41386	No
135	GOM_NL__2PRFIN20100129_091159_000000412086_00251_41387_2479.N1	29-JAN-2010 09:11:59	Dark	41.000	4	Alp1Cen	-0.010000	5800.0	82	41387	No
136	GOM_NL__2PRFIN20100129_091346_000000442086_00251_41387_2480.N1	29-JAN-2010 09:13:46	Dark	43.500	77	Eps Cen	2.3030	28000.	87	41387	No
137	GOM_NL__2PRFIN20100129_091635_000000422086_00251_41387_2481.N1	29-JAN-2010 09:16:35	Dark	42.000	12	Alp1Cru	0.77500	30000.	84	41387	No
138	GOM_NL__2PRFIN20100129_091826_000000452086_00251_41387_2482.N1	29-JAN-2010 09:18:26	Dark	44.500	99	Del Cen	2.5750	26000.	89	41387	No
139	GOM_NL__2PRFIN20100129_092041_000000392086_00251_41387_2483.N1	29-JAN-2010 09:20:41	Dark	38.500	159	Ups Car	2.9200	7200.0	77	41387	No
140	GOM_NL__2PRFIN20100129_092236_000000462086_00251_41387_2484.N1	29-JAN-2010 09:22:36	Dark	46.000	71	lot Car	2.2460	7700.0	92	41387	No
141	GOM_NL__2PRFIN20100129_092422_000000442086_00251_41387_2485.N1	29-JAN-2010 09:24:22	Dark	43.500	46	Del Vel	1.9540	10600.	87	41387	No
142	GOM_NL__2PRFIN20100129_092655_000000432086_00251_41387_2486.N1	29-JAN-2010 09:26:55	Dark	43.000	34	Gam2Vel	1.7930	23000.	86	41387	No
143	GOM_NL__2PRFIN20100129_092901_000000422086_00251_41387_2487.N1	29-JAN-2010 09:29:01	Straylight	41.500	70	Zet Pup	2.2460	39000.	83	41387	No
144	GOM_NL__2PRFIN20100129_093230_000000402086_00251_41387_2488.N1	29-JAN-2010 09:32:30	Straylight	39.500	88	31Eta CMa	2.4480	20000.	79	41387	No
145	GOM_NL__2PRFIN20100129_094218_000000492086_00251_41387_2489.N1	29-JAN-2010 09:42:18	Tw_i_and_stray	48.500	8	10Alp CMi	0.40000	6500.0	97	41387	No
146	GOM_NL__2PRFIN20100129_094539_000000402086_00251_41387_2490.N1	29-JAN-2010 09:45:39	Bright	39.500	44	24Gam Gem	1.9280	11000.	79	41387	No
147	GOM_NL__2PRFIN20100129_094803_000000392086_00251_41387_2491.N1	29-JAN-2010 09:48:03	Bright	38.500	170	27Eps Gem	3.0000	9700.0	77	41387	No
148	GOM_NL__2PRFIN20100129_095006_000000402086_00251_41387_2492.N1	29-JAN-2010 09:50:06	Bright	40.000	24	66Alp Gem	1.5800	10200.	80	41387	No
149	GOM_NL__2PRFIN20100129_100612_000000372086_00251_41387_2493.N1	29-JAN-2010 10:06:12	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	41387	No
150	GOM_NL__2PRFIN20100129_100928_000000422086_00251_41387_2494.N1	29-JAN-2010 10:09:28	Bright	42.000	60	7Bet UMi	2.0810	3950.0	84	41387	No
151	GOM_NL__2PRFIN20100129_101407_000000432086_00251_41387_2495.N1	29-JAN-2010 10:14:07	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	41387	No
152	GOM_NL__2PRFIN20100129_101712_000000412086_00251_41387_2496.N1	29-JAN-2010 10:17:12	Bright	41.000	130	23Bet Dra	2.7990	5800.0	82	41387	No
153	GOM_NL__2PRFIN20100129_102044_000000342086_00251_41387_2497.N1	29-JAN-2010 10:20:44	Bright	33.500	5	3Alp Lyr	0.033000	11000.	67	41387	No
154	GOM_NL__2PRFIN20100129_102347_000000402086_00251_41387_2498.N1	29-JAN-2010 10:23:47	Bright	39.500	133	40Zet Her	2.8070	6000.0	79	41387	No
155	GOM_NL__2PRFIN20100129_102852_000000542086_00251_41387_2499.N1	29-JAN-2010 10:28:52	Bright	54.000	59	55Alp Oph	2.0800	8900.0	108	41387	No
156	GOM_NL__2PRFIN20100129_103059_000000532086_00251_41387_2500.N1	29-JAN-2010 10:30:59	Bright	53.000	126	60Bet Oph	2.7700	4250.0	106	41387	No
157	GOM_NL__2PRFIN20100129_103721_000000442086_00251_41387_2501.N1	29-JAN-2010 10:37:21	Tw_i_and_stray	43.500	86	35Eta Oph	2.4300	10200.	87	41387	No
158	GOM_NL__2PRFIN20100129_104132_000000522086_00251_41387_2502.N1	29-JAN-2010 10:41:32	Dark	51.500	16	21Alp Sco	1.0200	3000.0	103	41387	No
159	GOM_NL__2PRFIN20100129_104716_000000432086_00251_41387_2503.N1	29-JAN-2010 10:47:16	Dark	42.500	131	Gam Lup	2.8000	26000.	85	41387	No
160	GOM_NL__2PRFIN20100129_105236_000000422086_00252_41388_2487.N1	29-JAN-2010 10:52:36	Dark	41.500	4	Alp1Cen	-0.010000	5800.0	83	41388	No



161	GOM_NL__2PRFIN20100129_105423_000000422086_00252_41388_2488.N1	29-JAN-2010 10:54:23	Dark	41.500	77	Eps Cen	2.3030	28000.	83	41388	No
162	GOM_NL__2PRFIN20100129_105711_000000432086_00252_41388_2489.N1	29-JAN-2010 10:57:11	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	41388	No
163	GOM_NL__2PRFIN20100129_105903_000000452086_00252_41388_2490.N1	29-JAN-2010 10:59:03	Dark	44.500	99	Del Cen	2.5750	26000.	89	41388	No
164	GOM_NL__2PRFIN20100129_110117_000000392086_00252_41388_2491.N1	29-JAN-2010 11:01:17	Dark	38.500	159	Ups Car	2.9200	7200.0	77	41388	No
165	GOM_NL__2PRFIN20100129_110312_000000432086_00252_41388_2492.N1	29-JAN-2010 11:03:12	Dark	43.000	71	lot Car	2.2460	7700.0	86	41388	No
166	GOM_NL__2PRFIN20100129_110458_000000402086_00252_41388_2493.N1	29-JAN-2010 11:04:58	Dark	39.500	46	Del Vel	1.9540	10600.	79	41388	No
167	GOM_NL__2PRFIN20100129_110732_000000382086_00252_41388_2494.N1	29-JAN-2010 11:07:32	Dark	38.000	34	Gam2Vel	1.7930	23000.	76	41388	No
168	GOM_NL__2PRFIN20100129_110937_000000402086_00252_41388_2495.N1	29-JAN-2010 11:09:37	Straylight	39.500	70	Zet Pup	2.2460	39000.	79	41388	No
169	GOM_NL__2PRFIN20100129_111306_000000402086_00252_41388_2496.N1	29-JAN-2010 11:13:06	Straylight	40.000	88	31Eta CMa	2.4480	20000.	80	41388	No
170	GOM_NL__2PRFIN20100129_112254_000000492086_00252_41388_2497.N1	29-JAN-2010 11:22:54	Tw_i_and_stray	49.000	8	10Alp CMi	0.40000	6500.0	98	41388	No
171	GOM_NL__2PRFIN20100129_112615_000000392086_00252_41388_2498.N1	29-JAN-2010 11:26:15	Bright	39.000	44	24Gam Gem	1.9280	11000.	78	41388	No
172	GOM_NL__2PRFIN20100129_112839_000000382086_00252_41388_2499.N1	29-JAN-2010 11:28:39	Bright	37.500	170	27Eps Gem	3.0000	9700.0	75	41388	No
173	GOM_NL__2PRFIN20100129_113042_000000392086_00252_41388_2500.N1	29-JAN-2010 11:30:42	Bright	38.500	24	66Alp Gem	1.5800	10200.	77	41388	No
174	GOM_NL__2PRFIN20100129_114648_000000342086_00252_41388_2501.N1	29-JAN-2010 11:46:48	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	41388	No
175	GOM_NL__2PRFIN20100129_115003_000000392086_00252_41388_2502.N1	29-JAN-2010 11:50:03	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	41388	No
176	GOM_NL__2PRFIN20100129_115443_000000372086_00252_41388_2503.N1	29-JAN-2010 11:54:43	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	41388	No
177	GOM_NL__2PRFIN20100129_115748_000000382086_00252_41388_2504.N1	29-JAN-2010 11:57:48	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	41388	No
178	GOM_NL__2PRFIN20100129_120120_000000342086_00252_41388_2505.N1	29-JAN-2010 12:01:20	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	41388	No
179	GOM_NL__2PRFIN20100129_120423_000000432086_00252_41388_2506.N1	29-JAN-2010 12:04:23	Bright	42.500	133	40Zet Her	2.8070	6000.0	85	41388	No
180	GOM_NL__2PRFIN20100129_120928_000000542086_00252_41388_2507.N1	29-JAN-2010 12:09:28	Bright	54.000	59	55Alp Oph	2.0800	8900.0	108	41388	No
181	GOM_NL__2PRFIN20100129_121135_000000402086_00252_41388_2508.N1	29-JAN-2010 12:11:35	Bright	39.500	126	60Bet Oph	2.7700	4250.0	79	41388	No
182	GOM_NL__2PRFIN20100129_121757_000000432086_00252_41388_2509.N1	29-JAN-2010 12:17:57	Tw_i_and_stray	42.500	86	35Eta Oph	2.4300	10200.	85	41388	No
183	GOM_NL__2PRFIN20100129_122209_000000582086_00252_41388_2510.N1	29-JAN-2010 12:22:09	Dark	58.000	16	21Alp Sco	1.0200	3000.0	116	41388	No
184	GOM_NL__2PRFIN20100129_122752_000000472086_00252_41388_2511.N1	29-JAN-2010 12:27:52	Dark	47.000	131	Gam Lup	2.8000	26000.	94	41388	No
185	GOM_NL__2PRFIN20100129_123312_000000412086_00253_41389_2495.N1	29-JAN-2010 12:33:12	Dark	41.000	4	Alp1Cen	-0.010000	5800.0	82	41389	No
186	GOM_NL__2PRFIN20100129_123500_000000422086_00253_41389_2496.N1	29-JAN-2010 12:35:00	Dark	41.500	77	Eps Cen	2.3030	28000.	83	41389	No
187	GOM_NL__2PRFIN20100129_123748_000000432086_00253_41389_2497.N1	29-JAN-2010 12:37:48	Dark	43.000	12	Alp1Cru	0.77500	30000.	86	41389	No
188	GOM_NL__2PRFIN20100129_123939_000000472086_00253_41389_2498.N1	29-JAN-2010 12:39:39	Dark	46.500	99	Del Cen	2.5750	26000.	93	41389	No
189	GOM_NL__2PRFIN20100129_124153_000000372086_00253_41389_2499.N1	29-JAN-2010 12:41:53	Dark	37.000	159	Ups Car	2.9200	7200.0	74	41389	No
190	GOM_NL__2PRFIN20100129_124348_000000462086_00253_41389_2500.N1	29-JAN-2010 12:43:48	Dark	46.000	71	lot Car	2.2460	7700.0	92	41389	No
191	GOM_NL__2PRFIN20100129_124534_000000392086_00253_41389_2501.N1	29-JAN-2010 12:45:34	Dark	38.500	46	Del Vel	1.9540	10600.	77	41389	No
192	GOM_NL__2PRFIN20100129_124808_000000422086_00253_41389_2502.N1	29-JAN-2010 12:48:08	Dark	42.000	34	Gam2Vel	1.7930	23000.	84	41389	No
193	GOM_NL__2PRFIN20100129_125013_000000412086_00253_41389_2503.N1	29-JAN-2010 12:50:13	Straylight	41.000	70	Zet Pup	2.2460	39000.	82	41389	No
194	GOM_NL__2PRFIN20100129_125342_000000382086_00253_41389_2504.N1	29-JAN-2010 12:53:42	Straylight	37.500	88	31Eta CMa	2.4480	20000.	75	41389	No
195	GOM_NL__2PRFIN20100129_130330_000000482086_00253_41389_2505.N1	29-JAN-2010 13:03:30	Tw_i_and_stray	48.000	8	10Alp CMi	0.40000	6500.0	96	41389	No
196	GOM_NL__2PRFIN20100129_130651_000000472086_00253_41389_2506.N1	29-JAN-2010 13:06:51	Bright	47.000	44	24Gam Gem	1.9280	11000.	94	41389	No
197	GOM_NL__2PRFIN20100129_130915_000000382086_00253_41389_2507.N1	29-JAN-2010 13:09:15	Bright	38.000	170	27Eps Gem	3.0000	9700.0	76	41389	No
198	GOM_NL__2PRFIN20100129_131117_000000392086_00253_41389_2508.N1	29-JAN-2010 13:11:17	Bright	39.000	24	66Alp Gem	1.5800	10200.	78	41389	No
199	GOM_NL__2PRFIN20100129_132724_000000352086_00253_41389_2509.N1	29-JAN-2010 13:27:24	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	41389	No
200	GOM_NL__2PRFIN20100129_133039_000000412086_00253_41389_2510.N1	29-JAN-2010 13:30:39	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	41389	No
201	GOM_NL__2PRFIN20100129_133519_000000412086_00253_41389_2511.N1	29-JAN-2010 13:35:19	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	41389	No
202	GOM_NL__2PRFIN20100129_133824_000000382086_00253_41389_2512.N1	29-JAN-2010 13:38:24	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	41389	No
203	GOM_NL__2PRFIN20100129_134156_000000462086_00253_41389_2513.N1	29-JAN-2010 13:41:56	Bright	46.000	5	3Alp Lyr	0.033000	11000.	92	41389	No
204	GOM_NL__2PRFIN20100129_134459_000000402086_00253_41389_2514.N1	29-JAN-2010 13:44:59	Bright	40.000	133	40Zet Her	2.8070	6000.0	80	41389	No
205	GOM_NL__2PRFIN20100129_135004_000000362086_00253_41389_2515.N1	29-JAN-2010 13:50:04	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	41389	No
206	GOM_NL__2PRFIN20100129_135211_000000362086_00253_41389_2516.N1	29-JAN-2010 13:52:11	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	41389	No
207	GOM_NL__2PRFIN20100129_135834_000000452086_00253_41389_2517.N1	29-JAN-2010 13:58:34	Tw_i_and_stray	45.000	86	35Eta Oph	2.4300	10200.	90	41389	No
208	GOM_NL__2PRFIN20100129_140246_000000512086_00253_41389_2518.N1	29-JAN-2010 14:02:46	Dark	51.000	16	21Alp Sco	1.0200	3000.0	102	41389	No
209	GOM_NL__2PRFIN20100129_140829_000000432086_00253_41389_2519.N1	29-JAN-2010 14:08:29	Dark	43.000	131	Gam Lup	2.8000	26000.	86	41389	No
210	GOM_NL__2PRFIN20100129_141348_000000412086_00254_41390_2503.N1	29-JAN-2010 14:13:48	Dark	40.500	4	Alp1Cen	-0.010000	5800.0	81	41390	No
211	GOM_NL__2PRFIN20100129_141536_000000432086_00254_41390_2504.N1	29-JAN-2010 14:15:36	Dark	42.500	77	Eps Cen	2.3030	28000.	85	41390	No
212	GOM_NL__2PRFIN20100129_141824_000000462086_00254_41390_2505.N1	29-JAN-2010 14:18:24	Dark	46.000	12	Alp1Cru	0.77500	30000.	92	41390	No
213	GOM_NL__2PRFIN20100129_142016_000000452086_00254_41390_2506.N1	29-JAN-2010 14:20:16	Dark	45.000	99	Del Cen	2.5750	26000.	90	41390	No
214	GOM_NL__2PRFIN20100129_142229_000000382086_00254_41390_2507.N1	29-JAN-2010 14:22:29	Dark	37.500	159	Ups Car	2.9200	7200.0	75	41390	No
215	GOM_NL__2PRFIN20100129_142424_000000482086_00254_41390_2508.N1	29-JAN-2010 14:24:24	Dark	47.500	71	lot Car	2.2460	7700.0	95	41390	No
216	GOM_NL__2PRFIN20100129_142610_000000422086_00254_41390_2509.N1	29-JAN-2010 14:26:10	Dark	42.000	46	Del Vel	1.9540	10600.	84	41390	No
217	GOM_NL__2PRFIN20100129_142844_000000412086_00254_41390_2510.N1	29-JAN-2010 14:28:44	Dark	41.000	34	Gam2Vel	1.7930	23000.	82	41390	No
218	GOM_NL__2PRFIN20100129_143049_000000412086_00254_41390_2511.N1	29-JAN-2010 14:30:49	Straylight	41.000	70	Zet Pup	2.2460	39000.	82	41390	No
219	GOM_NL__2PRFIN20100129_143418_000000402086_00254_41390_2512.N1	29-JAN-2010 14:34:18	Straylight	40.000	88	31Eta CMa	2.4480	20000.	80	41390	No

220	GOM_NL__2PRFIN20100129_144405_000000492086_00254_41390_2513.N1	29-JAN-2010 14:44:05	Twilight	48.500	8	10Alp CMI	0.40000	6500.0	97	41390	No
221	GOM_NL__2PRFIN20100129_144727_000000392086_00254_41390_2514.N1	29-JAN-2010 14:47:27	Bright	38.500	44	24Gam Gem	1.9280	11000.	77	41390	No
222	GOM_NL__2PRFIN20100129_144951_000000372086_00254_41390_2515.N1	29-JAN-2010 14:49:51	Bright	37.000	170	27Eps Gem	3.0000	9700.0	74	41390	No
223	GOM_NL__2PRFIN20100129_145153_000000402086_00254_41390_2516.N1	29-JAN-2010 14:51:53	Bright	39.500	24	66Alp Gem	1.5800	10200.	79	41390	No
224	GOM_NL__2PRFIN20100129_150800_000000352086_00254_41390_2517.N1	29-JAN-2010 15:08:00	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	41390	No
225	GOM_NL__2PRFIN20100129_151115_000000422086_00254_41390_2518.N1	29-JAN-2010 15:11:15	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	41390	No
226	GOM_NL__2PRFIN20100129_151555_000000422086_00254_41390_2519.N1	29-JAN-2010 15:15:55	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	41390	No
227	GOM_NL__2PRFIN20100129_151900_000000362086_00254_41390_2520.N1	29-JAN-2010 15:19:00	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	41390	No
228	GOM_NL__2PRFIN20100129_152232_000000342086_00254_41390_2521.N1	29-JAN-2010 15:22:32	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	41390	No
229	GOM_NL__2PRFIN20100129_152535_000000462086_00254_41390_2522.N1	29-JAN-2010 15:25:35	Bright	45.500	133	40Zet Her	2.8070	6000.0	91	41390	No
230	GOM_NL__2PRFIN20100129_153041_000000542086_00254_41390_2523.N1	29-JAN-2010 15:30:41	Bright	54.000	59	55Alp Oph	2.0800	8900.0	108	41390	No
231	GOM_NL__2PRFIN20100129_153248_000000532086_00254_41390_2524.N1	29-JAN-2010 15:32:48	Bright	53.000	126	60Bet Oph	2.7700	4250.0	106	41390	No
232	GOM_NL__2PRFIN20100129_153910_000000442086_00254_41390_2525.N1	29-JAN-2010 15:39:10	Twilight	44.000	86	35Eta Oph	2.4300	10200.	88	41390	No
233	GOM_NL__2PRFIN20100129_154322_000000502086_00254_41390_2526.N1	29-JAN-2010 15:43:22	Dark	50.000	16	21Alp Sco	1.0200	3000.0	100	41390	No
234	GOM_NL__2PRFIN20100129_154905_000000432086_00254_41390_2527.N1	29-JAN-2010 15:49:05	Dark	42.500	131	Gam Lup	2.8000	26000.	85	41390	No
235	GOM_NL__2PRFIN20100129_155425_000000422086_00255_41391_2511.N1	29-JAN-2010 15:54:25	Dark	41.500	4	Alp1Cen	-0.010000	5800.0	83	41391	No
236	GOM_NL__2PRFIN20100129_155613_000000442086_00255_41391_2512.N1	29-JAN-2010 15:56:13	Dark	44.000	77	Eps Cen	2.3030	28000.	88	41391	No
237	GOM_NL__2PRFIN20100129_155900_000000442086_00255_41391_2513.N1	29-JAN-2010 15:59:00	Dark	43.500	12	Alp1Cru	0.77500	30000.	87	41391	No
238	GOM_NL__2PRFIN20100129_160053_000000452086_00255_41391_2514.N1	29-JAN-2010 16:00:53	Dark	44.500	99	Del Cen	2.5750	26000.	89	41391	No
239	GOM_NL__2PRFIN20100129_160306_000000392086_00255_41391_2515.N1	29-JAN-2010 16:03:06	Dark	39.000	159	Ups Car	2.9200	7200.0	78	41391	No
240	GOM_NL__2PRFIN20100129_160501_000000442086_00255_41391_2516.N1	29-JAN-2010 16:05:01	Dark	44.000	71	lot Car	2.2460	7700.0	88	41391	No
241	GOM_NL__2PRFIN20100129_160647_000000442086_00255_41391_2517.N1	29-JAN-2010 16:06:47	Dark	43.500	46	Del Vel	1.9540	10600.	87	41391	No
242	GOM_NL__2PRFIN20100129_160920_000000432086_00255_41391_2518.N1	29-JAN-2010 16:09:20	Dark	42.500	34	Gam2Vel	1.7930	23000.	85	41391	No
243	GOM_NL__2PRFIN20100129_161125_000000412086_00255_41391_2519.N1	29-JAN-2010 16:11:25	Straylight	40.500	70	Zet Pup	2.2460	39000.	81	41391	No
244	GOM_NL__2PRFIN20100129_161455_000000412086_00255_41391_2520.N1	29-JAN-2010 16:14:55	Straylight	40.500	88	31Eta CMa	2.4480	20000.	81	41391	No
245	GOM_NL__2PRFIN20100129_162441_000000532086_00255_41391_2521.N1	29-JAN-2010 16:24:41	Twilight	52.500	8	10Alp CMI	0.40000	6500.0	105	41391	No
246	GOM_NL__2PRFIN20100129_162803_000000412086_00255_41391_2522.N1	29-JAN-2010 16:28:03	Bright	41.000	44	24Gam Gem	1.9280	11000.	82	41391	No
247	GOM_NL__2PRFIN20100129_163027_000000392086_00255_41391_2523.N1	29-JAN-2010 16:30:27	Bright	38.500	170	27Eps Gem	3.0000	9700.0	77	41391	No
248	GOM_NL__2PRFIN20100129_163229_000000552086_00255_41391_2524.N1	29-JAN-2010 16:32:29	Bright	55.000	24	66Alp Gem	1.5800	10200.	110	41391	No
249	GOM_NL__2PRFIN20100129_164836_000000402086_00255_41391_2525.N1	29-JAN-2010 16:48:36	Bright	40.000	49	1Alp UMi	1.9900	6300.0	80	41391	No
250	GOM_NL__2PRFIN20100129_165150_000000452086_00255_41391_2526.N1	29-JAN-2010 16:51:50	Bright	45.000	60	7Bet UMi	2.0810	3950.0	90	41391	No
251	GOM_NL__2PRFIN20100129_165630_000000432086_00255_41391_2527.N1	29-JAN-2010 16:56:30	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	41391	No
252	GOM_NL__2PRFIN20100129_165935_000000362086_00255_41391_2528.N1	29-JAN-2010 16:59:35	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	41391	No
253	GOM_NL__2PRFIN20100129_170309_000000522086_00255_41391_2529.N1	29-JAN-2010 17:03:09	Bright	52.000	5	3Alp Lyr	0.033000	11000.	104	41391	No
254	GOM_NL__2PRFIN20100129_170611_000000432086_00255_41391_2530.N1	29-JAN-2010 17:06:11	Bright	42.500	133	40Zet Her	2.8070	6000.0	85	41391	No
255	GOM_NL__2PRFIN20100129_171117_000000372086_00255_41391_2531.N1	29-JAN-2010 17:11:17	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	41391	No
256	GOM_NL__2PRFIN20100129_171324_000000362086_00255_41391_2532.N1	29-JAN-2010 17:13:24	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	41391	No
257	GOM_NL__2PRFIN20100129_171947_000000452086_00255_41391_2533.N1	29-JAN-2010 17:19:47	Twilight	44.500	86	35Eta Oph	2.4300	10200.	89	41391	No
258	GOM_NL__2PRFIN20100129_172359_000000482086_00255_41391_2534.N1	29-JAN-2010 17:23:59	Dark	48.000	16	21Alp Sco	1.0200	3000.0	96	41391	No
259	GOM_NL__2PRFIN20100129_172942_000000442086_00255_41391_2535.N1	29-JAN-2010 17:29:42	Dark	44.000	131	Gam Lup	2.8000	26000.	88	41391	No
260	GOM_NL__2PRFIN20100129_173502_000000552086_00256_41392_2519.N1	29-JAN-2010 17:35:02	Dark	55.000	4	Alp1Cen	-0.010000	5800.0	110	41392	No
261	GOM_NL__2PRFIN20100129_173650_000000432086_00256_41392_2520.N1	29-JAN-2010 17:36:50	Dark	43.000	77	Eps Cen	2.3030	28000.	86	41392	No
262	GOM_NL__2PRFIN20100129_173937_000000452086_00256_41392_2521.N1	29-JAN-2010 17:39:37	Dark	45.000	12	Alp1Cru	0.77500	30000.	90	41392	No
263	GOM_NL__2PRFIN20100129_174130_000000462086_00256_41392_2522.N1	29-JAN-2010 17:41:30	Dark	46.000	99	Del Cen	2.5750	26000.	92	41392	No
264	GOM_NL__2PRFIN20100129_174342_000000402086_00256_41392_2523.N1	29-JAN-2010 17:43:42	Dark	39.500	159	Ups Car	2.9200	7200.0	79	41392	No
265	GOM_NL__2PRFIN20100129_174537_000000392086_00256_41392_2524.N1	29-JAN-2010 17:45:37	Dark	39.000	71	lot Car	2.2460	7700.0	78	41392	No
266	GOM_NL__2PRFIN20100129_174723_000000422086_00256_41392_2525.N1	29-JAN-2010 17:47:23	Dark	41.500	46	Del Vel	1.9540	10600.	83	41392	No
267	GOM_NL__2PRFIN20100129_174956_000000422086_00256_41392_2526.N1	29-JAN-2010 17:49:56	Dark	42.000	34	Gam2Vel	1.7930	23000.	84	41392	No
268	GOM_NL__2PRFIN20100129_175202_000000392086_00256_41392_2527.N1	29-JAN-2010 17:52:02	Straylight	38.500	70	Zet Pup	2.2460	39000.	77	41392	No
269	GOM_NL__2PRFIN20100129_175531_000000412086_00256_41392_2528.N1	29-JAN-2010 17:55:31	Straylight	41.000	88	31Eta CMa	2.4480	20000.	82	41392	No
270	GOM_NL__2PRFIN20100129_180517_000000462086_00256_41392_2529.N1	29-JAN-2010 18:05:17	Twilight	46.000	8	10Alp CMI	0.40000	6500.0	92	41392	No
271	GOM_NL__2PRFIN20100129_180839_000000422086_00256_41392_2530.N1	29-JAN-2010 18:08:39	Bright	41.500	44	24Gam Gem	1.9280	11000.	83	41392	No
272	GOM_NL__2PRFIN20100129_181103_000000522086_00256_41392_2531.N1	29-JAN-2010 18:11:03	Bright	52.000	170	27Eps Gem	3.0000	9700.0	104	41392	No
273	GOM_NL__2PRFIN20100129_181305_000000392086_00256_41392_2532.N1	29-JAN-2010 18:13:05	Bright	39.000	24	66Alp Gem	1.5800	10200.	78	41392	No
274	GOM_NL__2PRFIN20100129_182912_000000382086_00256_41392_2533.N1	29-JAN-2010 18:29:12	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	41392	No
275	GOM_NL__2PRFIN20100129_183226_000000412086_00256_41392_2534.N1	29-JAN-2010 18:32:26	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	41392	No
276	GOM_NL__2PRFIN20100129_183706_000000412086_00256_41392_2535.N1	29-JAN-2010 18:37:06	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	41392	No
277	GOM_NL__2PRFIN20100129_184012_000000382086_00256_41392_2536.N1	29-JAN-2010 18:40:12	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	41392	No
278	GOM_NL__2PRFIN20100129_184345_000000342086_00256_41392_2537.N1	29-JAN-2010 18:43:45	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	41392	No

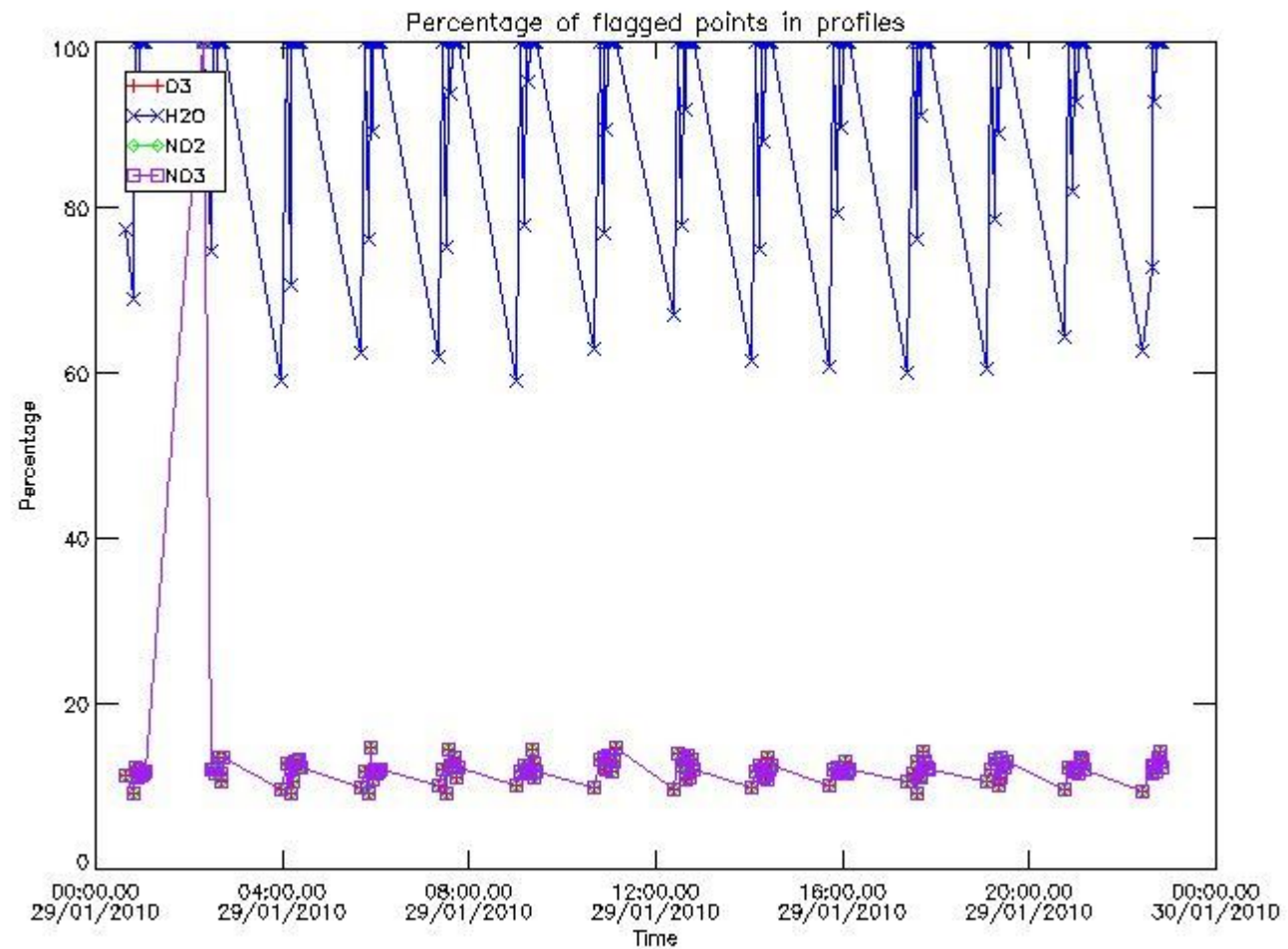
279	GOM_NL__2PRFIN20100129_184647_000000442086_00256_41392_2538.N1	29-JAN-2010 18:46:47	Bright	44.000	133	40Zet Her	2.8070	6000.0	88	41392	No
280	GOM_NL__2PRFIN20100129_185153_000000362086_00256_41392_2539.N1	29-JAN-2010 18:51:53	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	41392	No
281	GOM_NL__2PRFIN20100129_185400_000000532086_00256_41392_2540.N1	29-JAN-2010 18:54:00	Bright	53.000	126	60Bet Oph	2.7700	4250.0	106	41392	No
282	GOM_NL__2PRFIN20100129_190023_000000462086_00256_41392_2541.N1	29-JAN-2010 19:00:23	Twi_and_stray	46.000	86	35Eta Oph	2.4300	10200.	92	41392	No
283	GOM_NL__2PRFIN20100129_190436_000000492086_00256_41392_2542.N1	29-JAN-2010 19:04:36	Dark	48.500	16	21Alp Sco	1.0200	3000.0	97	41392	No
284	GOM_NL__2PRFIN20100129_191019_000000422086_00256_41392_2543.N1	29-JAN-2010 19:10:19	Dark	42.000	131	Gam Lup	2.8000	26000.	84	41392	No
285	GOM_NL__2PRFIN20100129_191538_000000432086_00257_41393_2547.N1	29-JAN-2010 19:15:38	Dark	42.500	4	Alp1Cen	-0.010000	5800.0	85	41393	No
286	GOM_NL__2PRFIN20100129_191726_000000442086_00257_41393_2548.N1	29-JAN-2010 19:17:26	Dark	43.500	77	Eps Cen	2.3030	28000.	87	41393	No
287	GOM_NL__2PRFIN20100129_192014_000000502086_00257_41393_2549.N1	29-JAN-2010 19:20:14	Dark	50.000	12	Alp1Cru	0.77500	30000.	100	41393	No
288	GOM_NL__2PRFIN20100129_192206_000000462086_00257_41393_2550.N1	29-JAN-2010 19:22:06	Dark	46.000	99	Del Cen	2.5750	26000.	92	41393	No
289	GOM_NL__2PRFIN20100129_192419_000000382086_00257_41393_2551.N1	29-JAN-2010 19:24:19	Dark	37.500	159	Ups Car	2.9200	7200.0	75	41393	No
290	GOM_NL__2PRFIN20100129_192613_000000402086_00257_41393_2552.N1	29-JAN-2010 19:26:13	Dark	40.000	71	lot Car	2.2460	7700.0	80	41393	No
291	GOM_NL__2PRFIN20100129_192759_000000422086_00257_41393_2553.N1	29-JAN-2010 19:27:59	Dark	41.500	46	Del Vel	1.9540	10600.	83	41393	No
292	GOM_NL__2PRFIN20100129_193032_000000432086_00257_41393_2554.N1	29-JAN-2010 19:30:32	Dark	43.000	34	Gam2Vel	1.7930	23000.	86	41393	No
293	GOM_NL__2PRFIN20100129_193238_000000422086_00257_41393_2555.N1	29-JAN-2010 19:32:38	Straylight	42.000	70	Zet Pup	2.2460	39000.	84	41393	No
294	GOM_NL__2PRFIN20100129_193607_000000422086_00257_41393_2556.N1	29-JAN-2010 19:36:07	Straylight	41.500	88	31Eta CMa	2.4480	20000.	83	41393	No
295	GOM_NL__2PRFIN20100129_194553_000000462086_00257_41393_2557.N1	29-JAN-2010 19:45:53	Twi_and_stray	46.000	8	10Alp CMi	0.40000	6500.0	92	41393	No
296	GOM_NL__2PRFIN20100129_194915_000000382086_00257_41393_2558.N1	29-JAN-2010 19:49:15	Bright	38.000	44	24Gam Gem	1.9280	11000.	76	41393	No
297	GOM_NL__2PRFIN20100129_195139_000000392086_00257_41393_2559.N1	29-JAN-2010 19:51:39	Bright	38.500	170	27Eps Gem	3.0000	9700.0	77	41393	No
298	GOM_NL__2PRFIN20100129_195341_000000552086_00257_41393_2560.N1	29-JAN-2010 19:53:41	Bright	55.000	24	66Alp Gem	1.5800	10200.	110	41393	No
299	GOM_NL__2PRFIN20100129_200948_000000332086_00257_41393_2561.N1	29-JAN-2010 20:09:48	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	41393	No
300	GOM_NL__2PRFIN20100129_201302_000000402086_00257_41393_2562.N1	29-JAN-2010 20:13:02	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	41393	No
301	GOM_NL__2PRFIN20100129_201742_000000452086_00257_41393_2563.N1	29-JAN-2010 20:17:42	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	41393	No
302	GOM_NL__2PRFIN20100129_202048_000000372086_00257_41393_2564.N1	29-JAN-2010 20:20:48	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	41393	No
303	GOM_NL__2PRFIN20100129_202421_000000362086_00257_41393_2565.N1	29-JAN-2010 20:24:21	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	41393	No
304	GOM_NL__2PRFIN20100129_202723_000000442086_00257_41393_2566.N1	29-JAN-2010 20:27:23	Bright	44.000	133	40Zet Her	2.8070	6000.0	88	41393	No
305	GOM_NL__2PRFIN20100129_203229_000000362086_00257_41393_2567.N1	29-JAN-2010 20:32:29	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	41393	No
306	GOM_NL__2PRFIN20100129_203436_000000532086_00257_41393_2568.N1	29-JAN-2010 20:34:36	Bright	53.000	126	60Bet Oph	2.7700	4250.0	106	41393	No
307	GOM_NL__2PRFIN20100129_204100_000000452086_00257_41393_2569.N1	29-JAN-2010 20:41:00	Twi_and_stray	44.500	86	35Eta Oph	2.4300	10200.	89	41393	No
308	GOM_NL__2PRFIN20100129_204512_000000582086_00257_41393_2570.N1	29-JAN-2010 20:45:12	Dark	58.000	16	21Alp Sco	1.0200	3000.0	116	41393	No
309	GOM_NL__2PRFIN20100129_205056_000000422086_00257_41393_2571.N1	29-JAN-2010 20:50:56	Dark	41.500	131	Gam Lup	2.8000	26000.	83	41393	No
310	GOM_NL__2PRFIN20100129_205614_000000422086_00258_41394_2555.N1	29-JAN-2010 20:56:14	Dark	42.000	4	Alp1Cen	-0.010000	5800.0	84	41394	No
311	GOM_NL__2PRFIN20100129_205803_000000442086_00258_41394_2556.N1	29-JAN-2010 20:58:03	Dark	43.500	77	Eps Cen	2.3030	28000.	87	41394	No
312	GOM_NL__2PRFIN20100129_210050_000000422086_00258_41394_2557.N1	29-JAN-2010 21:00:50	Dark	42.000	12	Alp1Cru	0.77500	30000.	84	41394	No
313	GOM_NL__2PRFIN20100129_210243_000000452086_00258_41394_2558.N1	29-JAN-2010 21:02:43	Dark	44.500	99	Del Cen	2.5750	26000.	89	41394	No
314	GOM_NL__2PRFIN20100129_210455_000000382086_00258_41394_2559.N1	29-JAN-2010 21:04:55	Dark	38.000	159	Ups Car	2.9200	7200.0	76	41394	No
315	GOM_NL__2PRFIN20100129_210649_000000402086_00258_41394_2560.N1	29-JAN-2010 21:06:49	Dark	39.500	71	lot Car	2.2460	7700.0	79	41394	No
316	GOM_NL__2PRFIN20100129_210835_000000422086_00258_41394_2561.N1	29-JAN-2010 21:08:35	Dark	42.000	46	Del Vel	1.9540	10600.	84	41394	No
317	GOM_NL__2PRFIN20100129_211108_000000422086_00258_41394_2562.N1	29-JAN-2010 21:11:08	Dark	42.000	34	Gam2Vel	1.7930	23000.	84	41394	No
318	GOM_NL__2PRFIN20100129_211314_000000412086_00258_41394_2563.N1	29-JAN-2010 21:13:14	Straylight	41.000	70	Zet Pup	2.2460	39000.	82	41394	No
319	GOM_NL__2PRFIN20100129_211643_000000412086_00258_41394_2564.N1	29-JAN-2010 21:16:43	Straylight	41.000	88	31Eta CMa	2.4480	20000.	82	41394	No
320	GOM_NL__2PRFIN20100129_212629_000000502086_00258_41394_2565.N1	29-JAN-2010 21:26:29	Twi_and_stray	49.500	8	10Alp CMi	0.40000	6500.0	99	41394	No
321	GOM_NL__2PRFIN20100129_213416_000000382086_00258_41394_2566.N1	29-JAN-2010 21:34:16	Bright	38.000	24	66Alp Gem	1.5800	10200.	76	41394	No
322	GOM_NL__2PRFIN20100129_215024_000000342086_00258_41394_2567.N1	29-JAN-2010 21:50:24	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	41394	No
323	GOM_NL__2PRFIN20100129_215337_000000412086_00258_41394_2568.N1	29-JAN-2010 21:53:37	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	41394	No
324	GOM_NL__2PRFIN20100129_215818_000000412086_00258_41394_2569.N1	29-JAN-2010 21:58:18	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	41394	No
325	GOM_NL__2PRFIN20100129_220124_000000402086_00258_41394_2570.N1	29-JAN-2010 22:01:24	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	41394	No
326	GOM_NL__2PRFIN20100129_220457_000000392086_00258_41394_2571.N1	29-JAN-2010 22:04:57	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	41394	No
327	GOM_NL__2PRFIN20100129_220759_000000462086_00258_41394_2572.N1	29-JAN-2010 22:07:59	Bright	45.500	133	40Zet Her	2.8070	6000.0	91	41394	No
328	GOM_NL__2PRFIN20100129_221305_000000362086_00258_41394_2573.N1	29-JAN-2010 22:13:05	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	41394	No
329	GOM_NL__2PRFIN20100129_221513_000000362086_00258_41394_2574.N1	29-JAN-2010 22:15:13	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	41394	No
330	GOM_NL__2PRFIN20100129_222136_000000432086_00258_41394_2575.N1	29-JAN-2010 22:21:36	Twi_and_stray	42.500	86	35Eta Oph	2.4300	10200.	85	41394	No
331	GOM_NL__2PRFIN20100129_222548_000000542086_00258_41394_2576.N1	29-JAN-2010 22:25:48	Dark	54.000	16	21Alp Sco	1.0200	3000.0	108	41394	No
332	GOM_NL__2PRFIN20100129_223651_000000412086_00259_41395_2572.N1	29-JAN-2010 22:36:51	Dark	41.000	4	Alp1Cen	-0.010000	5800.0	82	41395	No
333	GOM_NL__2PRFIN20100129_223840_000000442086_00259_41395_2573.N1	29-JAN-2010 22:38:40	Dark	44.000	77	Eps Cen	2.3030	28000.	88	41395	No
334	GOM_NL__2PRFIN20100129_224126_000000422086_00259_41395_2574.N1	29-JAN-2010 22:41:26	Dark	41.500	12	Alp1Cru	0.77500	30000.	83	41395	No
335	GOM_NL__2PRFIN20100129_224320_000000472086_00259_41395_2575.N1	29-JAN-2010 22:43:20	Dark	47.000	99	Del Cen	2.5750	26000.	94	41395	No
336	GOM_NL__2PRFIN20100129_224531_000000382086_00259_41395_2576.N1	29-JAN-2010 22:45:31	Dark	38.000	159	Ups Car	2.9200	7200.0	76	41395	No
337	GOM_NL__2PRFIN20100129_224726_000000392086_00259_41395_2577.N1	29-JAN-2010 22:47:26	Dark	39.000	71	lot Car	2.2460	7700.0	78	41395	No

338	GOM_NL__2PRFIN20100129_224912_000000432086_00259_41395_2578.N1	29-JAN-2010 22:49:12	Dark	43.000	46	Del Vel	1.9540	10600.	86	41395	No
339	GOM_NL__2PRFIN20100129_225144_000000422086_00259_41395_2579.N1	29-JAN-2010 22:51:44	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	41395	No
340	GOM_NL__2PRFIN20100129_225350_000000402086_00259_41395_2580.N1	29-JAN-2010 22:53:50	Straylight	40.000	70	Zet Pup	2.2460	39000.	80	41395	No
341	GOM_NL__2PRFIN20100129_225719_000000402086_00259_41395_2581.N1	29-JAN-2010 22:57:19	Straylight	39.500	88	31Eta CMa	2.4480	20000.	79	41395	No
342	GOM_NL__2PRFIN20100129_230705_000000462086_00259_41395_2582.N1	29-JAN-2010 23:07:05	Twilight_and_stray	46.000	8	10Alp CMi	0.40000	6500.0	92	41395	No
343	GOM_NL__2PRFIN20100129_231452_000000412086_00259_41395_2583.N1	29-JAN-2010 23:14:52	Bright	40.500	24	66Alp Gem	1.5800	10200.	81	41395	No
344	GOM_NL__2PRFIN20100129_233100_000000382086_00259_41395_2584.N1	29-JAN-2010 23:31:00	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	41395	No
345	GOM_NL__2PRFIN20100129_233413_000000372086_00259_41395_2585.N1	29-JAN-2010 23:34:13	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	41395	No
346	GOM_NL__2PRFIN20100129_233854_000000392086_00259_41395_2586.N1	29-JAN-2010 23:38:54	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	41395	No
347	GOM_NL__2PRFIN20100129_234159_000000362086_00259_41395_2587.N1	29-JAN-2010 23:41:59	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	41395	No
348	GOM_NL__2PRFIN20100129_234533_000000342086_00259_41395_2588.N1	29-JAN-2010 23:45:33	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	41395	No
349	GOM_NL__2PRFIN20100129_234835_000000422086_00259_41395_2589.N1	29-JAN-2010 23:48:35	Bright	42.000	133	40Zet Her	2.8070	6000.0	84	41395	No
350	GOM_NL__2PRFIN20100129_235341_000000362086_00259_41395_2590.N1	29-JAN-2010 23:53:41	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	41395	No
351	GOM_NL__2PRFIN20100129_235549_000000532086_00259_41395_2591.N1	29-JAN-2010 23:55:49	Bright	53.000	126	60Bet Oph	2.7700	4250.0	106	41395	No

### 3. Quality information per product

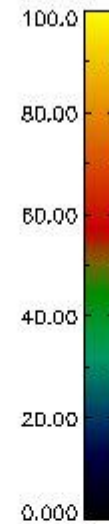
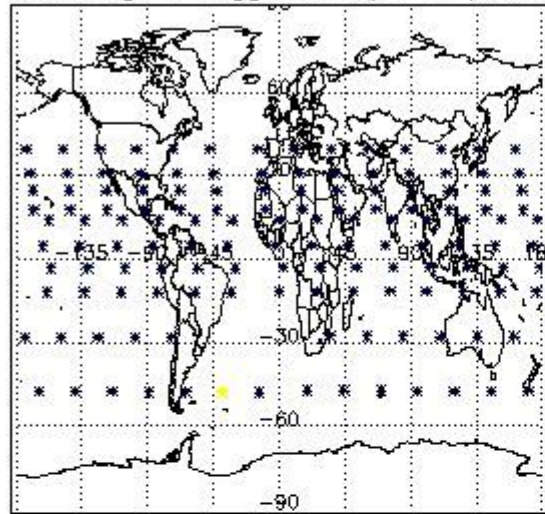
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

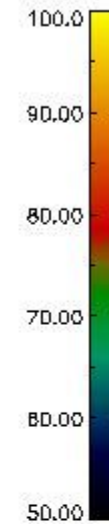
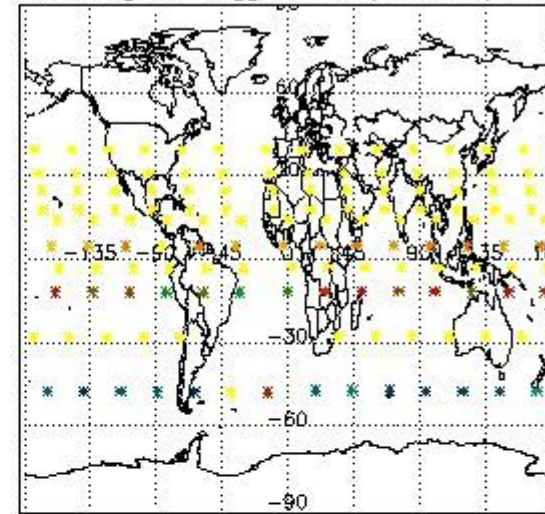


#### 3.2 Plot quality information per product (world map)

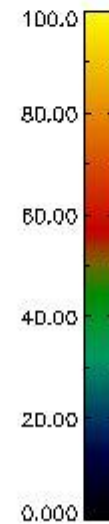
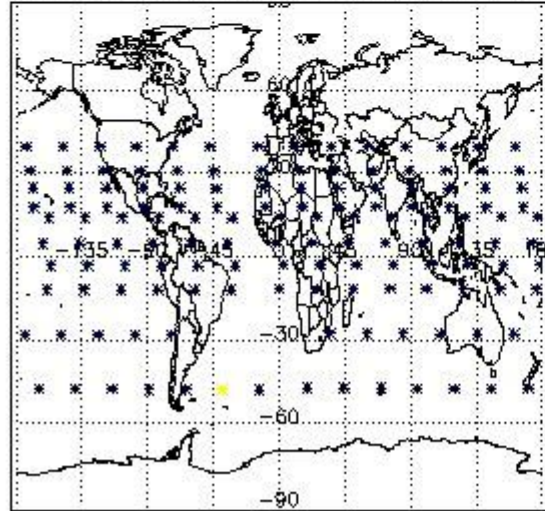
Percentage of flagged data per O3 profile



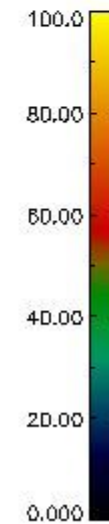
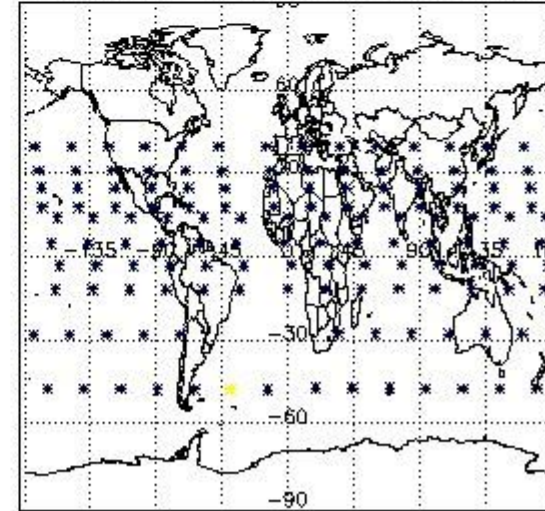
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

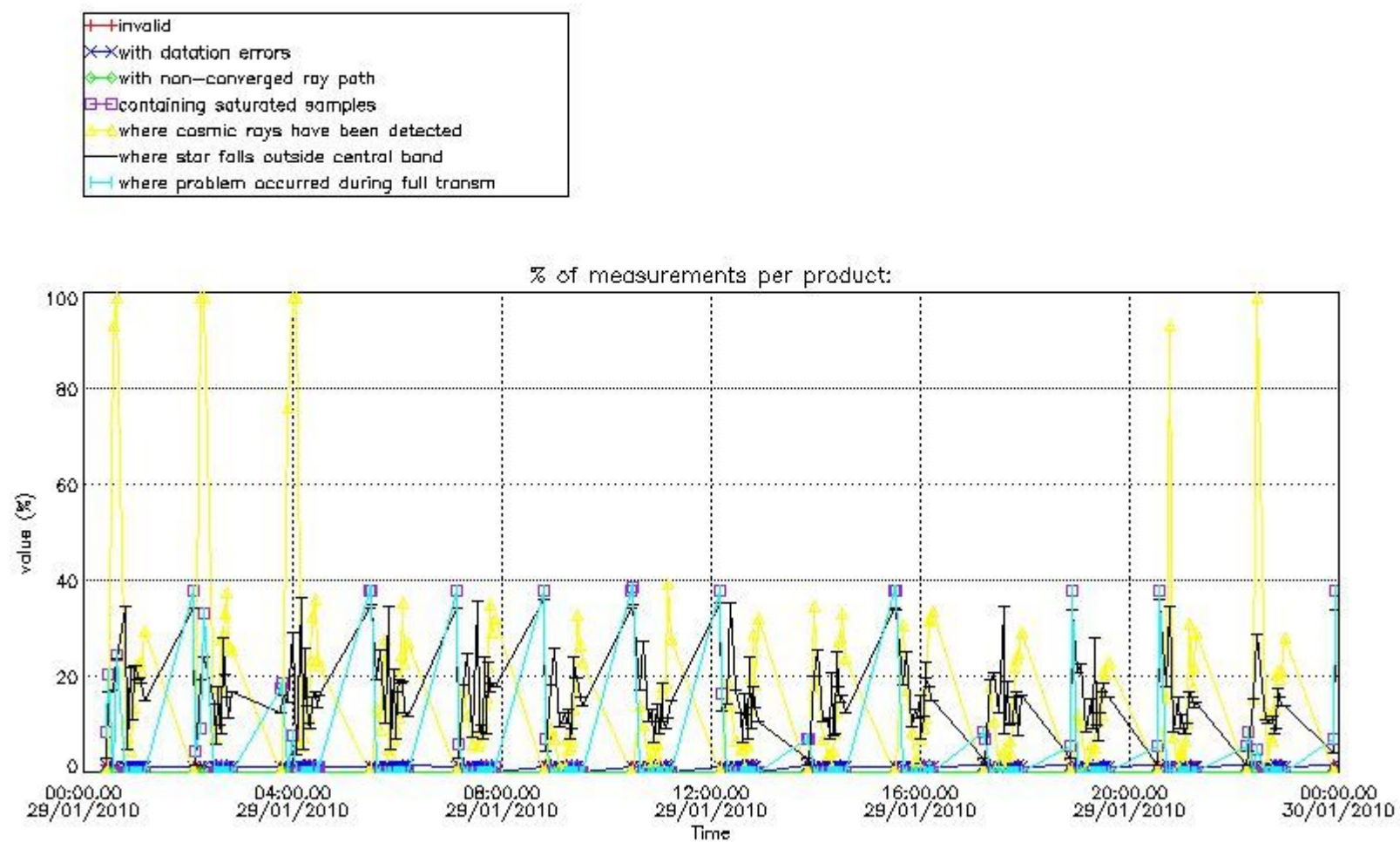


#### 4. Level 1 quality information per product

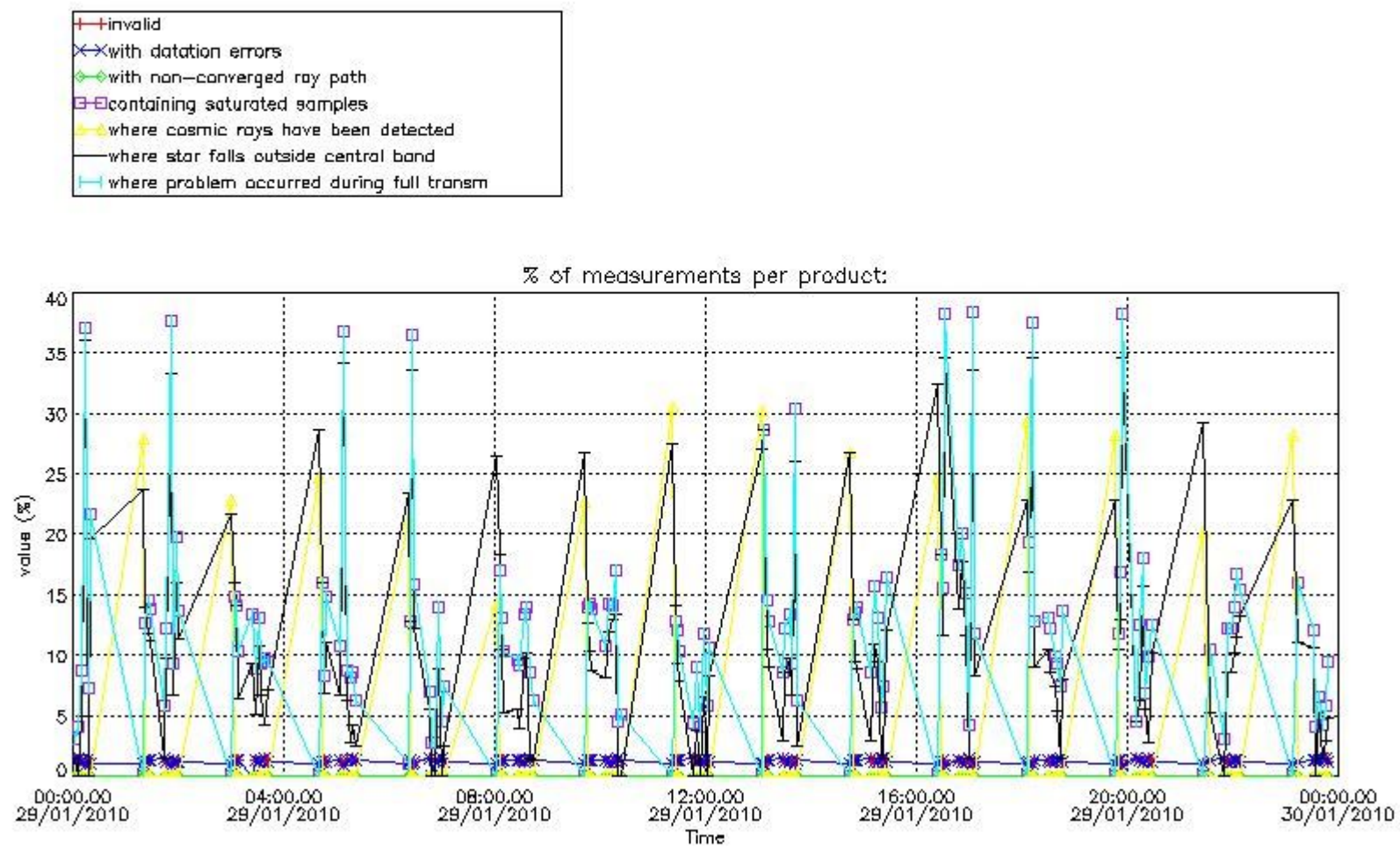
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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

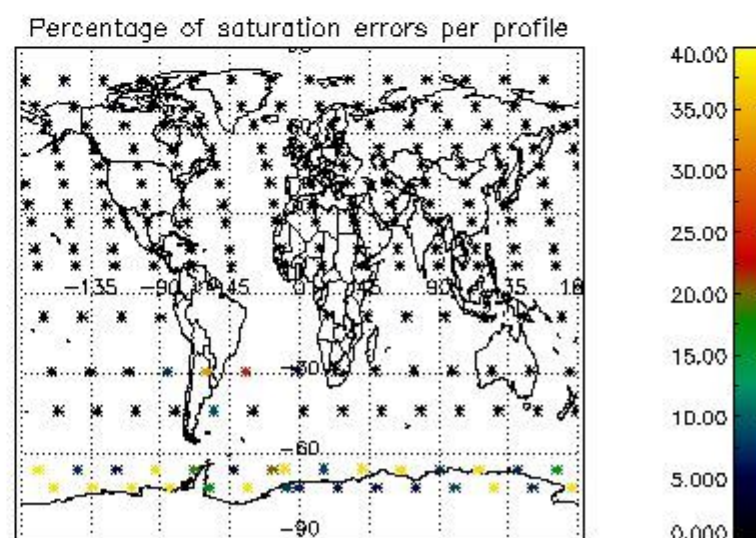
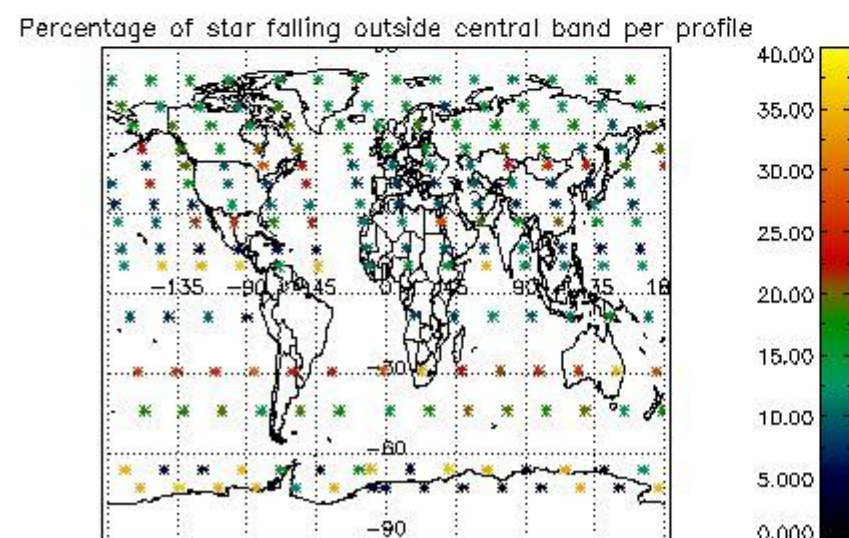
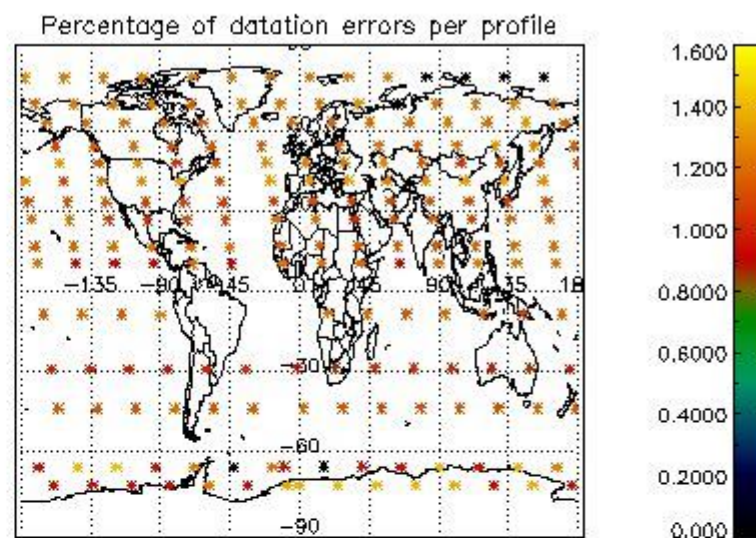
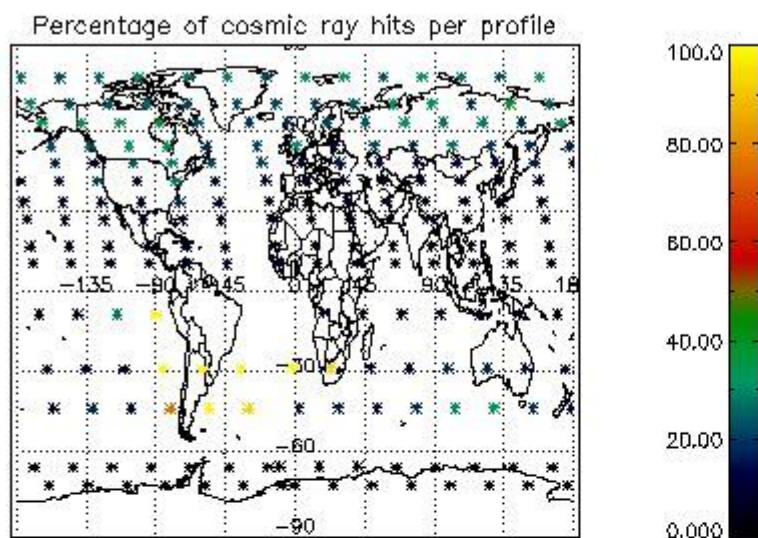


4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



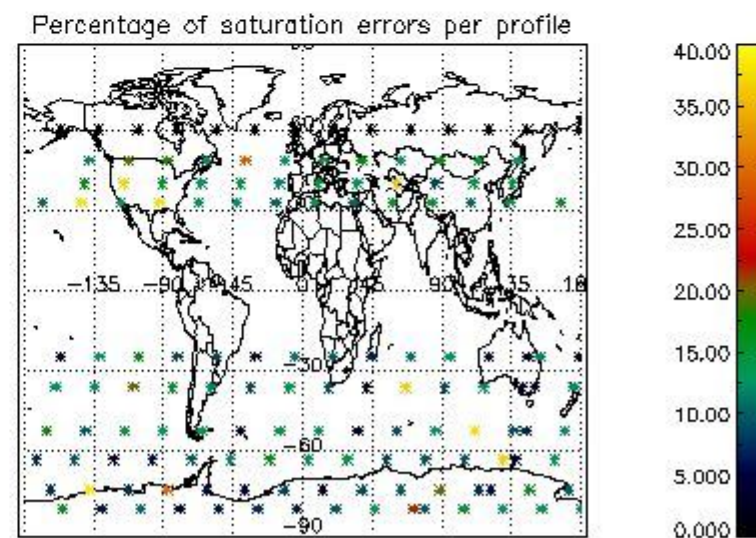
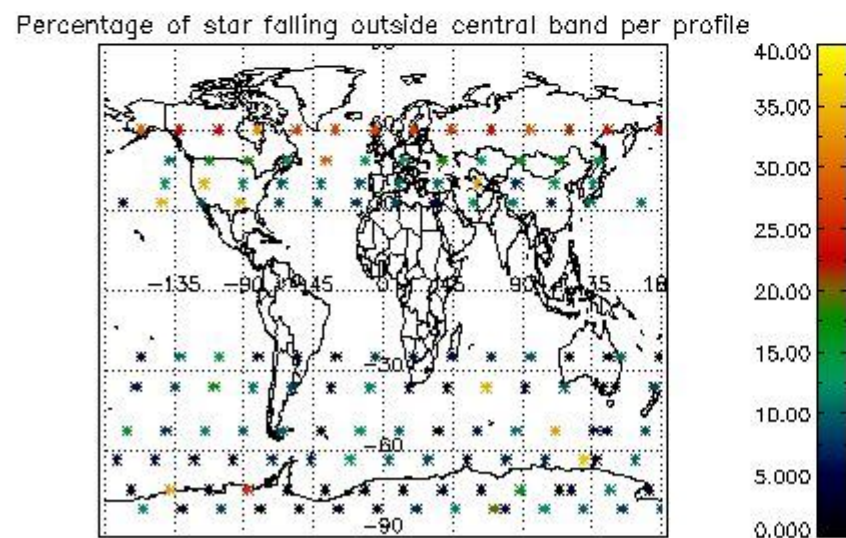
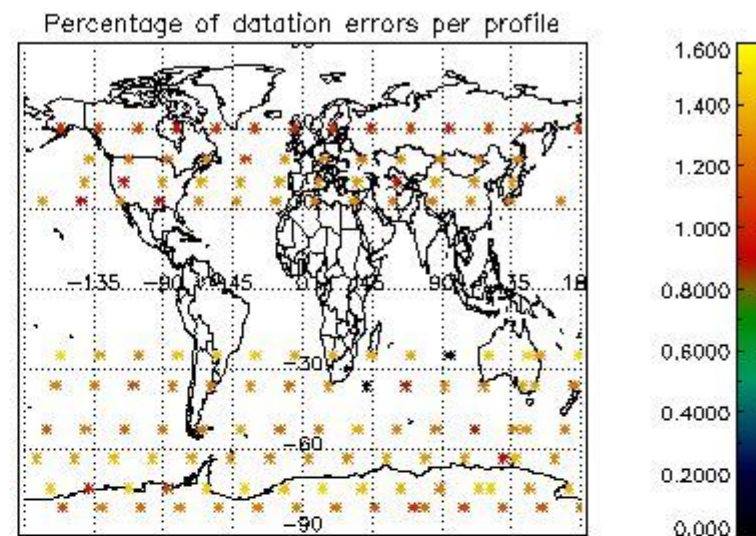
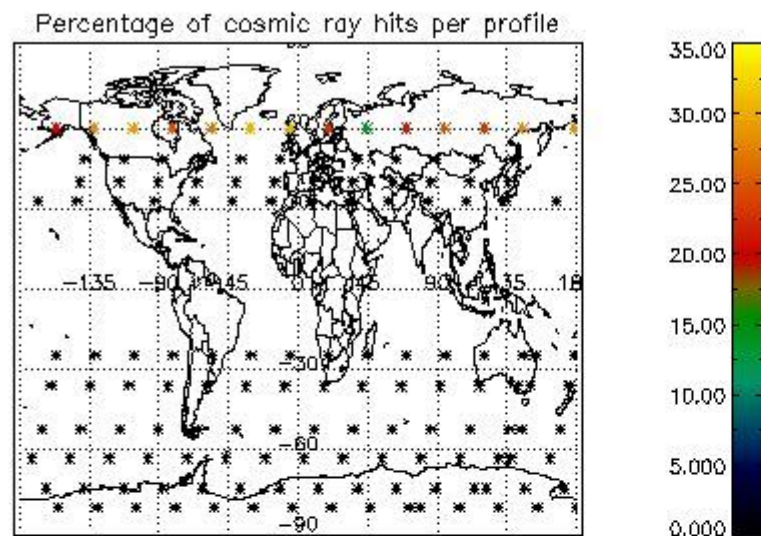
#### 4.2 Plot quality information per product coming from level 1b processing (world map)

##### 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

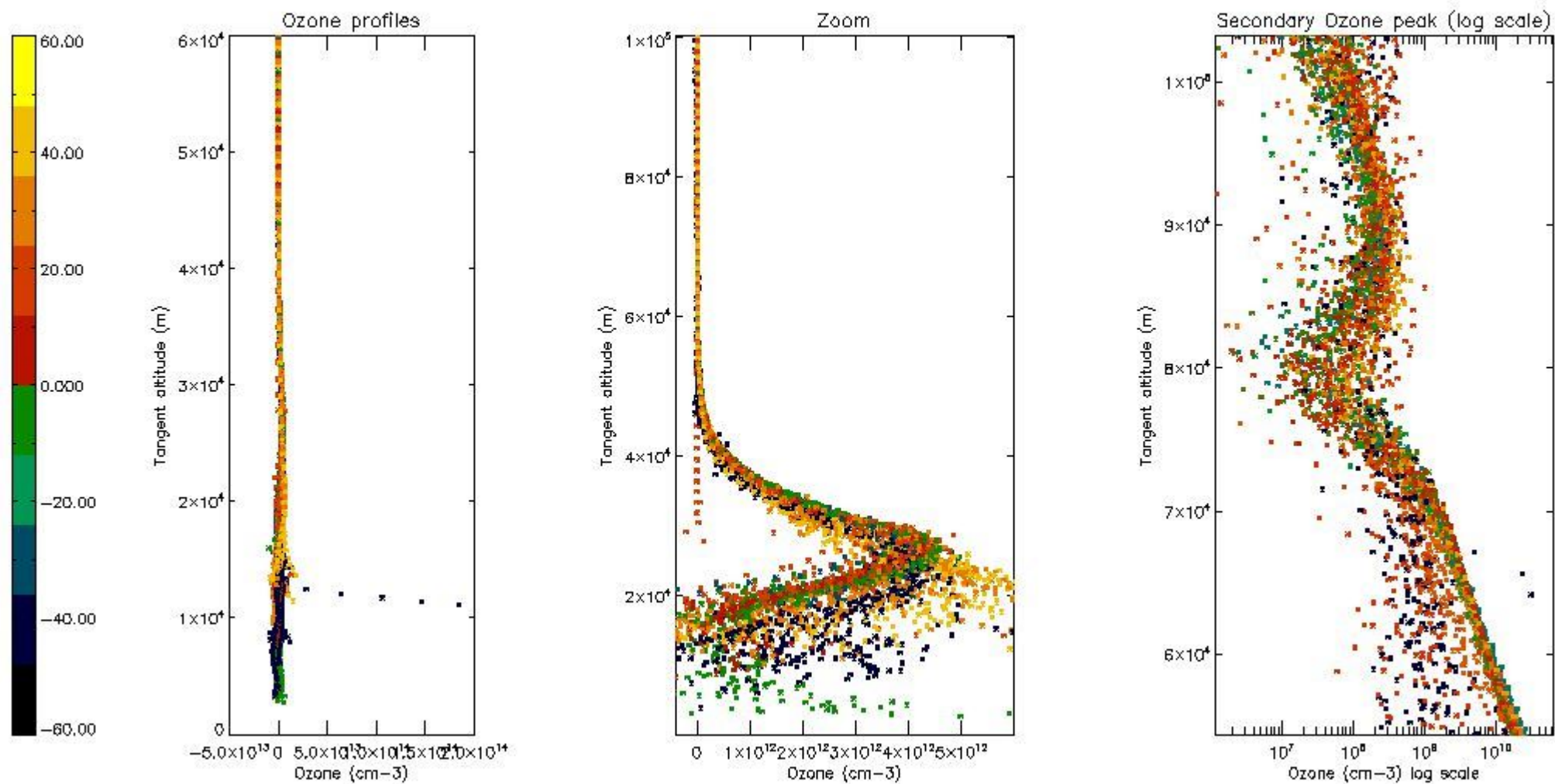
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	41
STD < 20	22

STD < 10	17
STD < 5	11

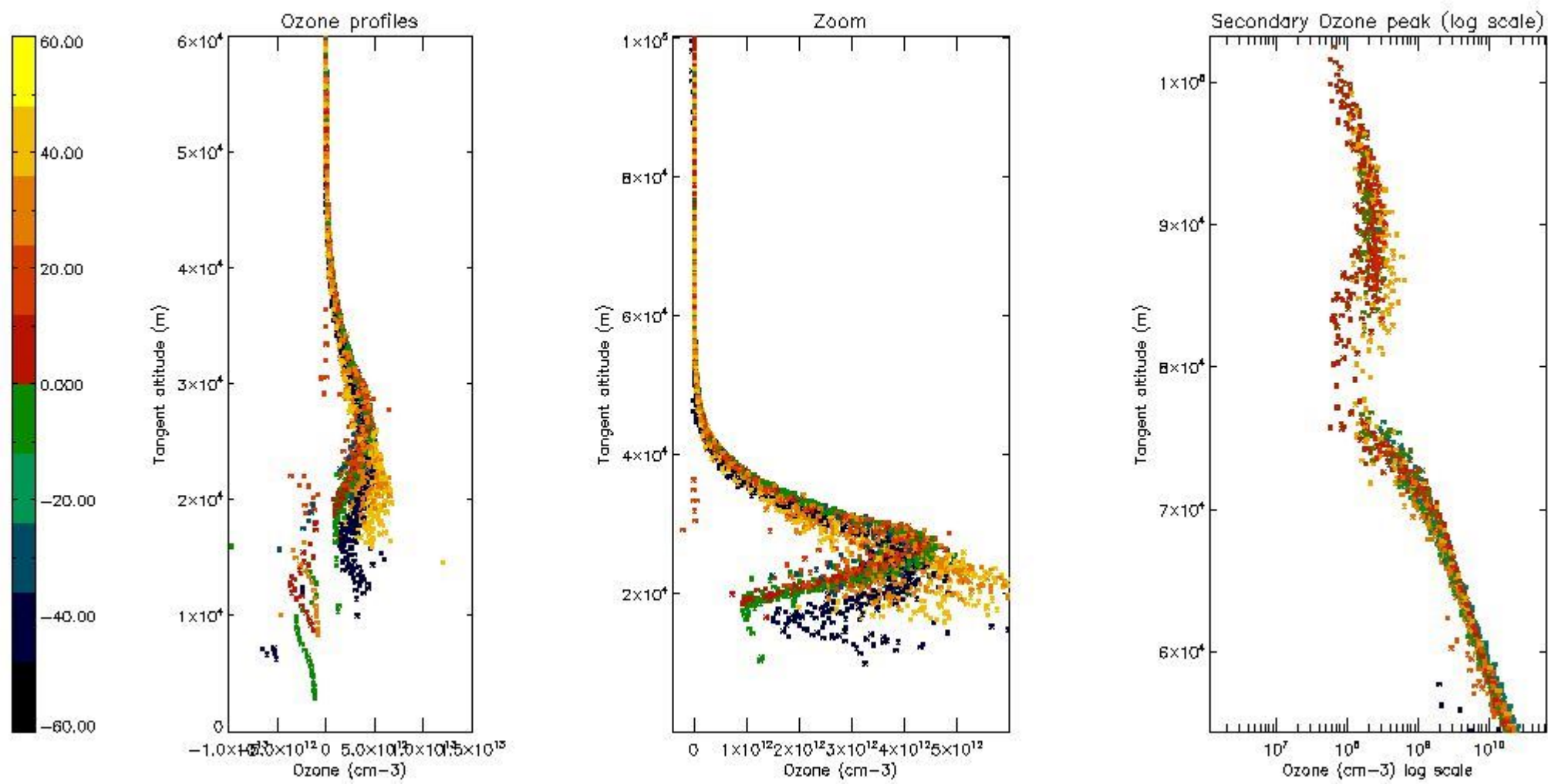
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



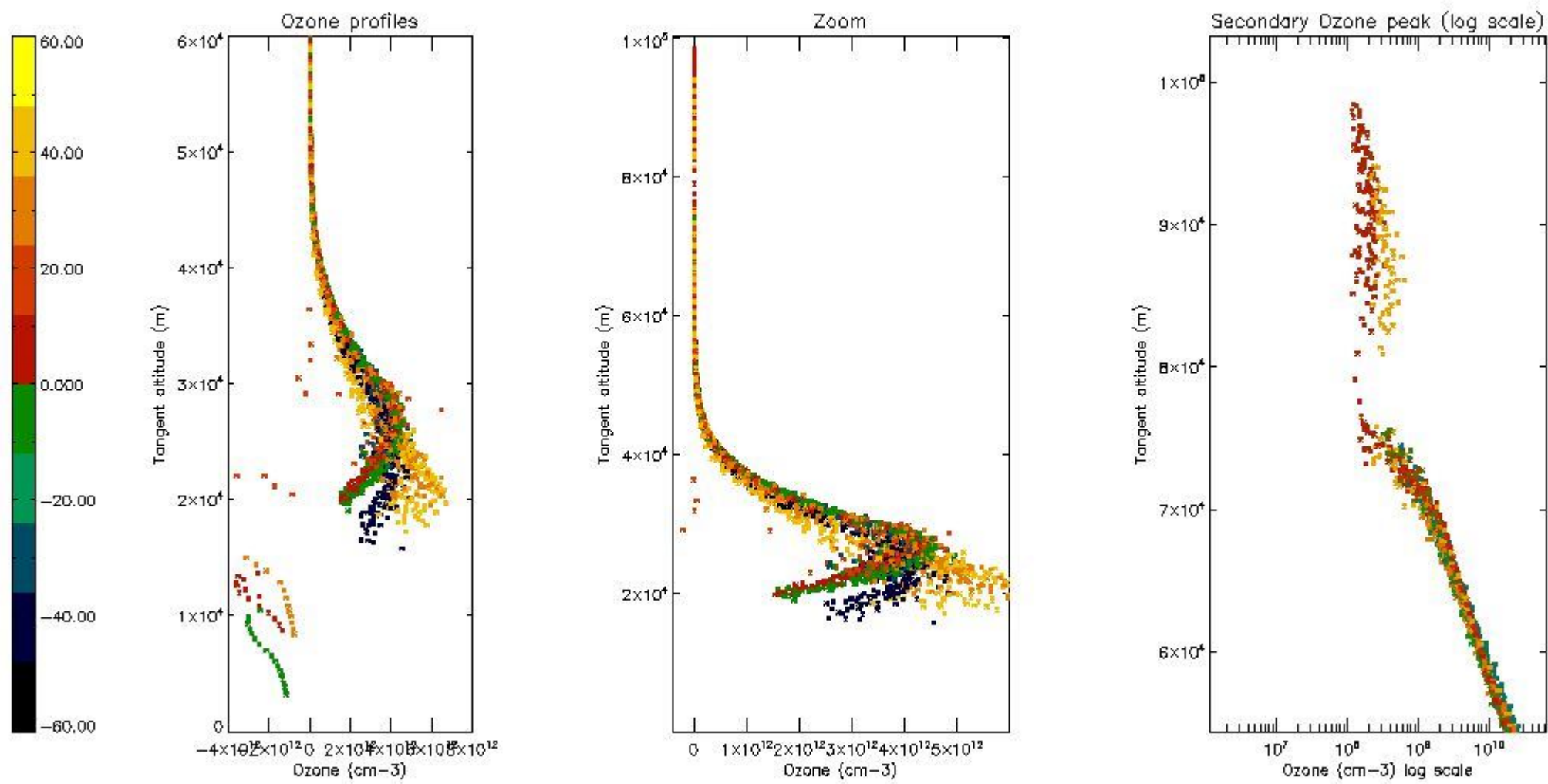
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



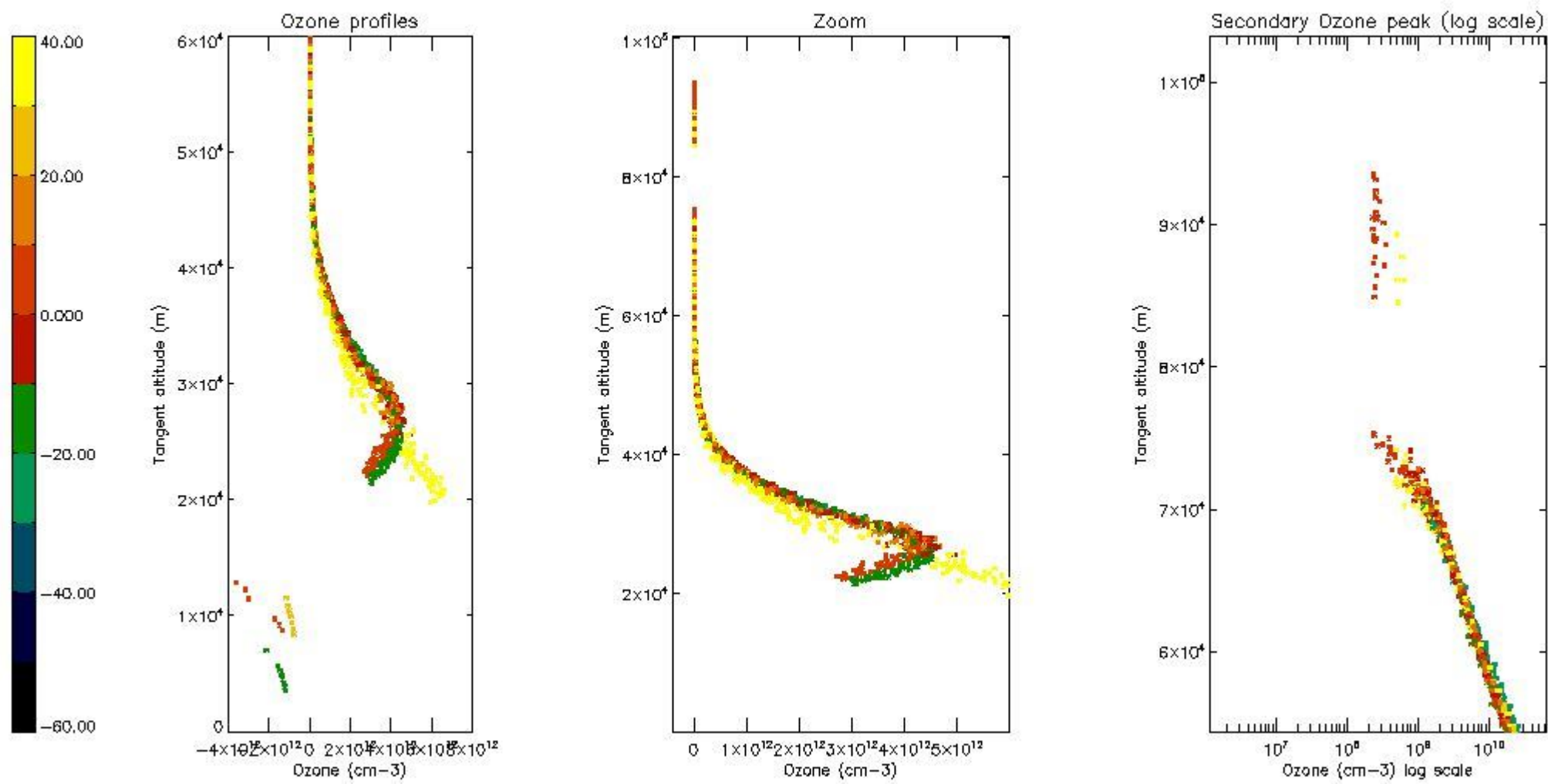
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



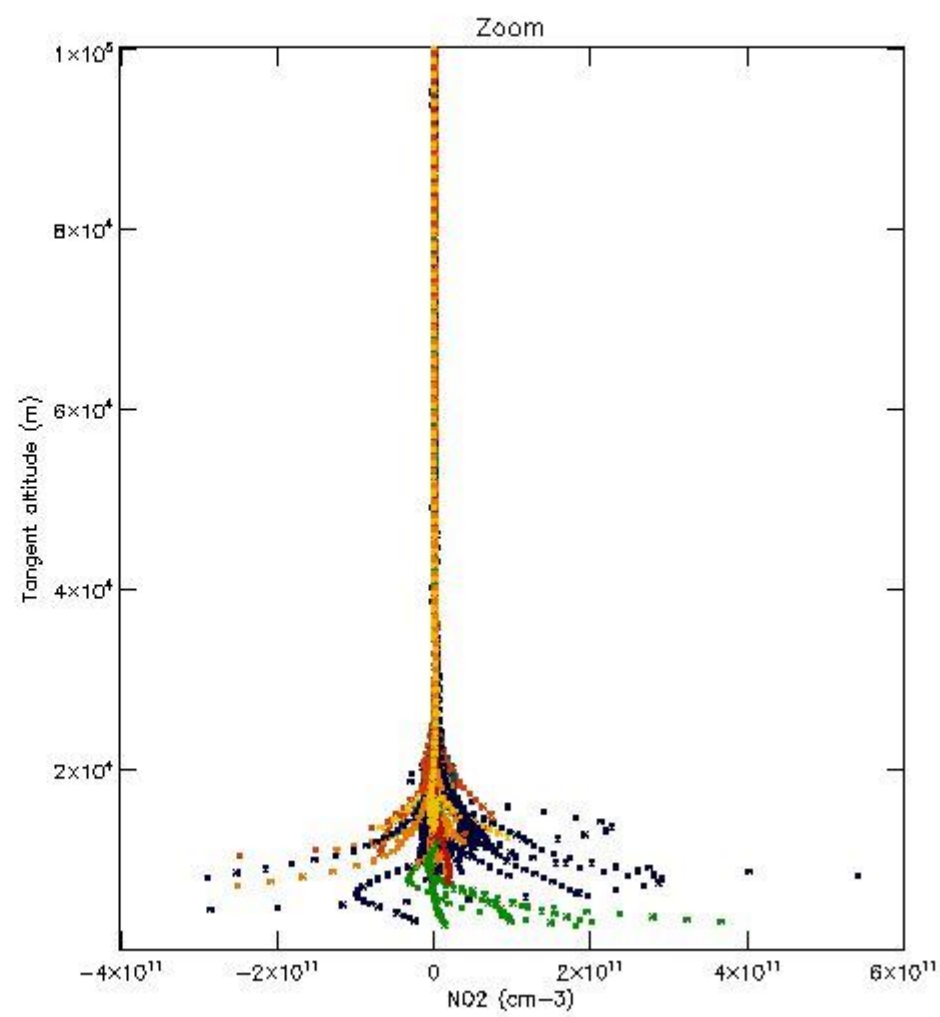
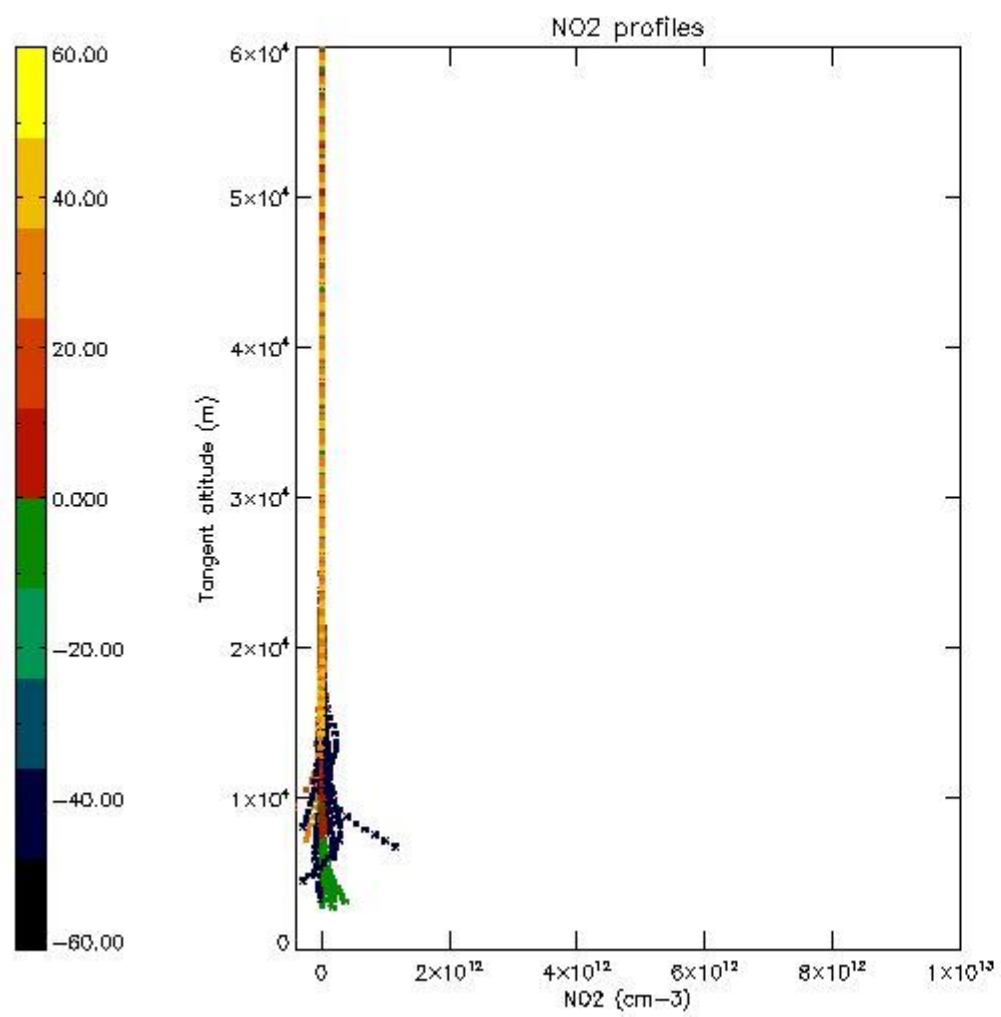
*5.5 Plot ozone profiles where  $STD < 5\%$  (dark without errors)*

The colorbar represents the latitude.



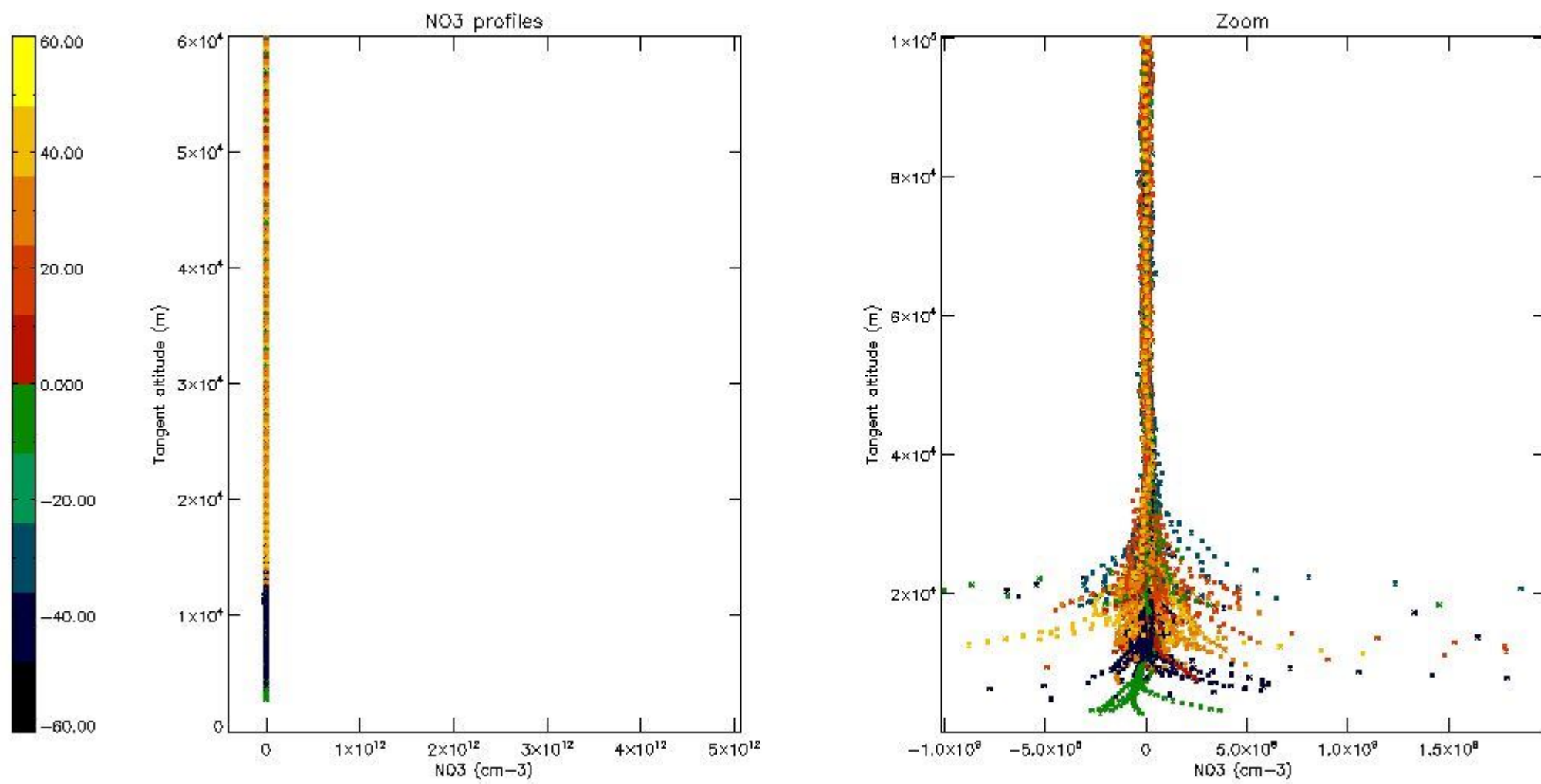
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



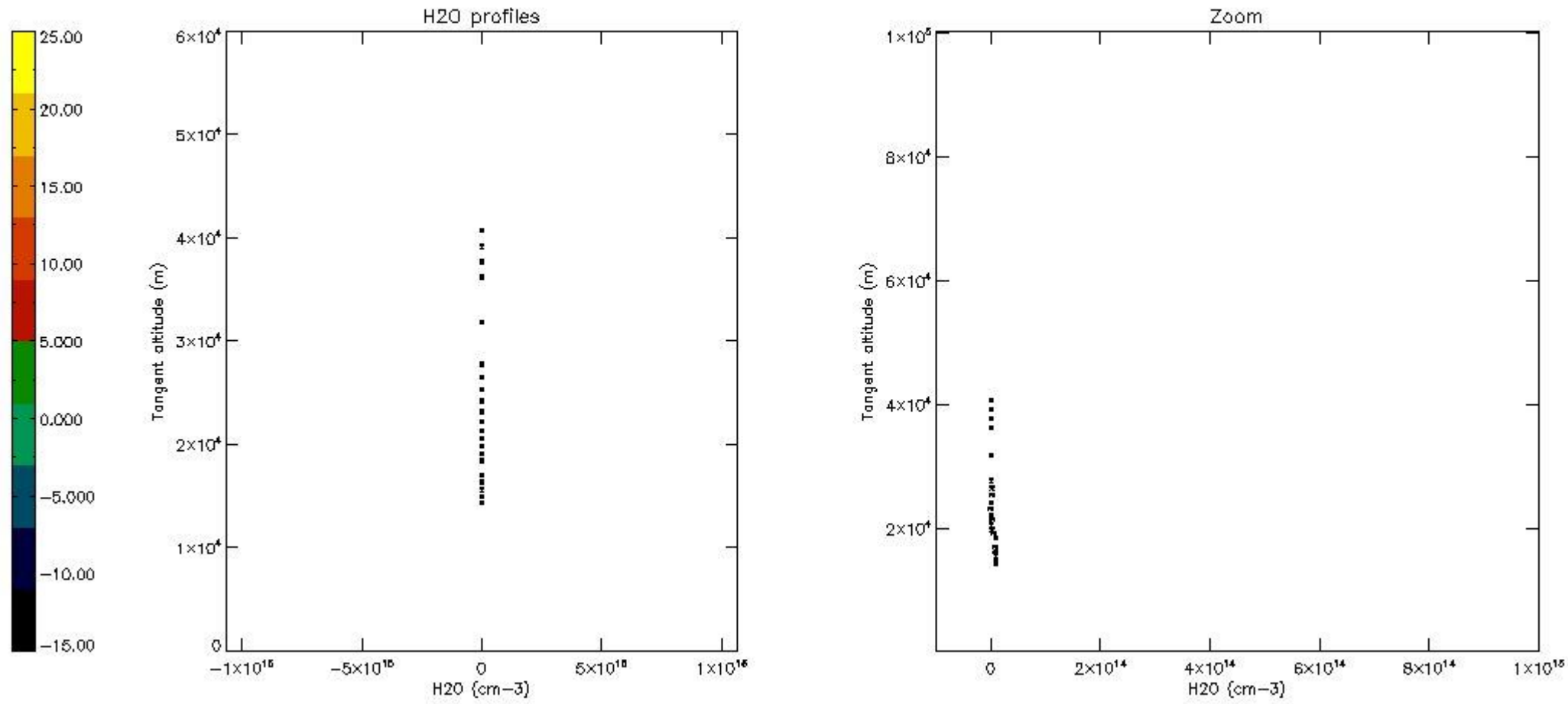
*5.7 Plot NO3 profiles for all STD (dark without errors)*

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.

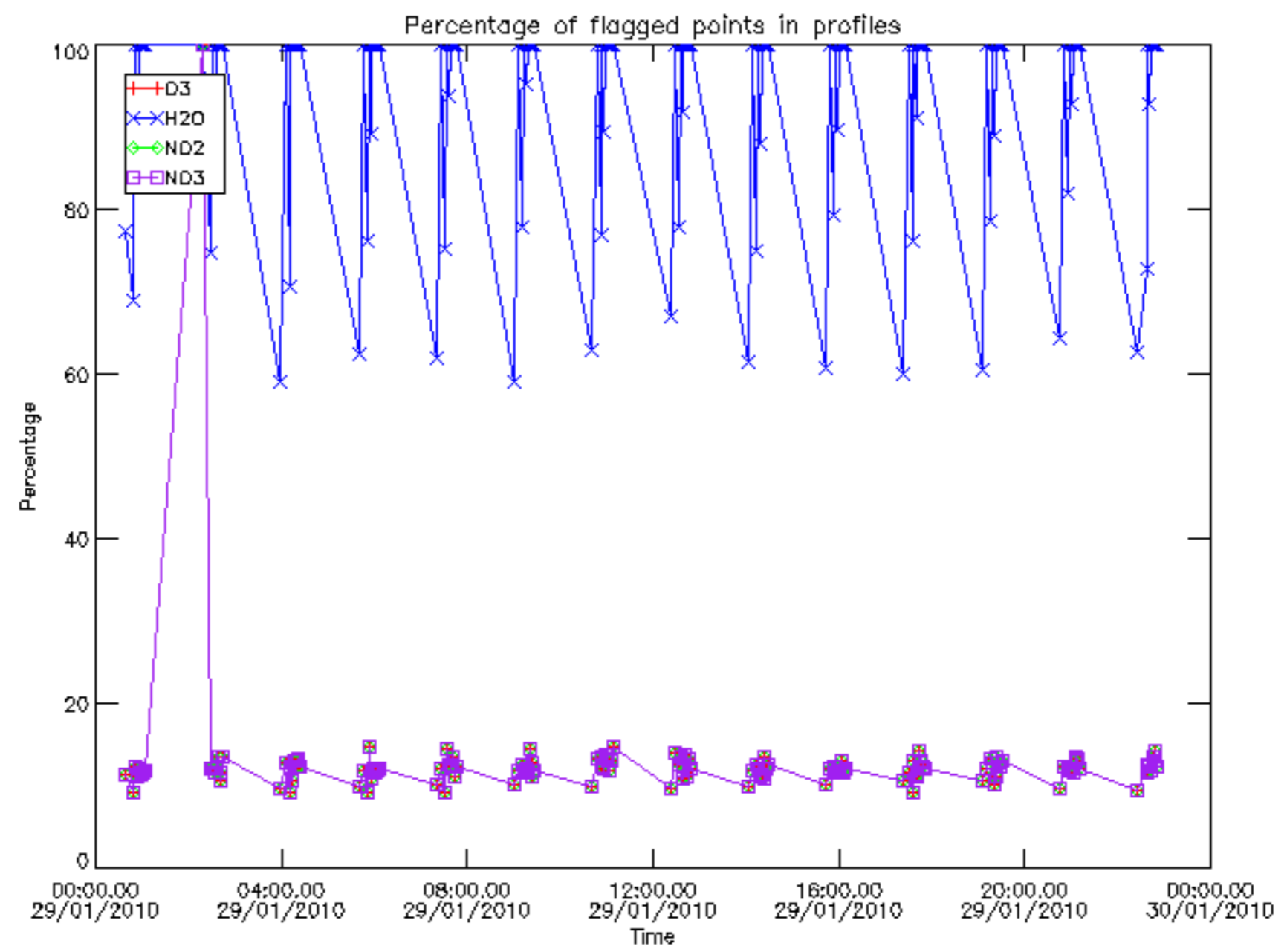


## 6. Auxiliary Data Files used for the production reported in section 2

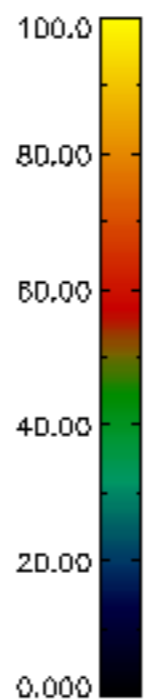
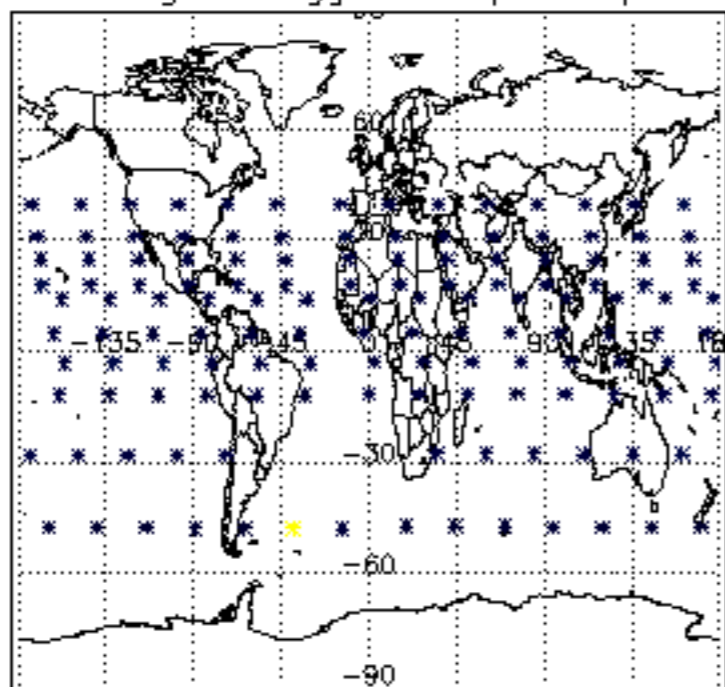
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	29-JAN-2010 00:02:36
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	29-JAN-2010 00:02:36
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	29-JAN-2010 00:02:36

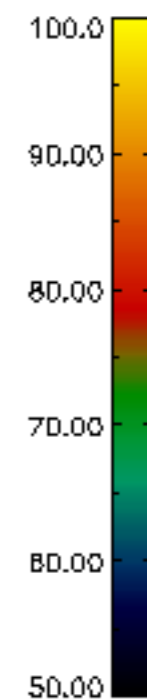
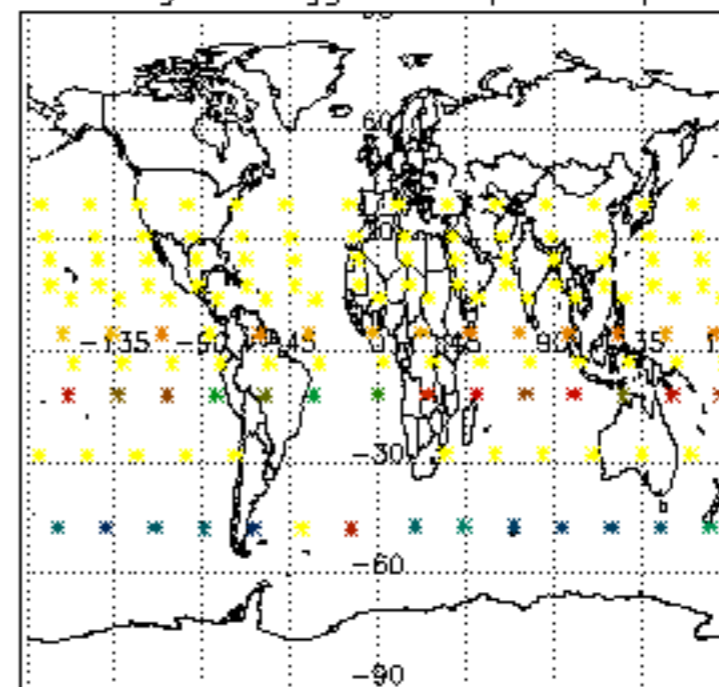




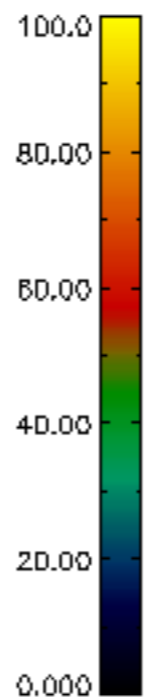
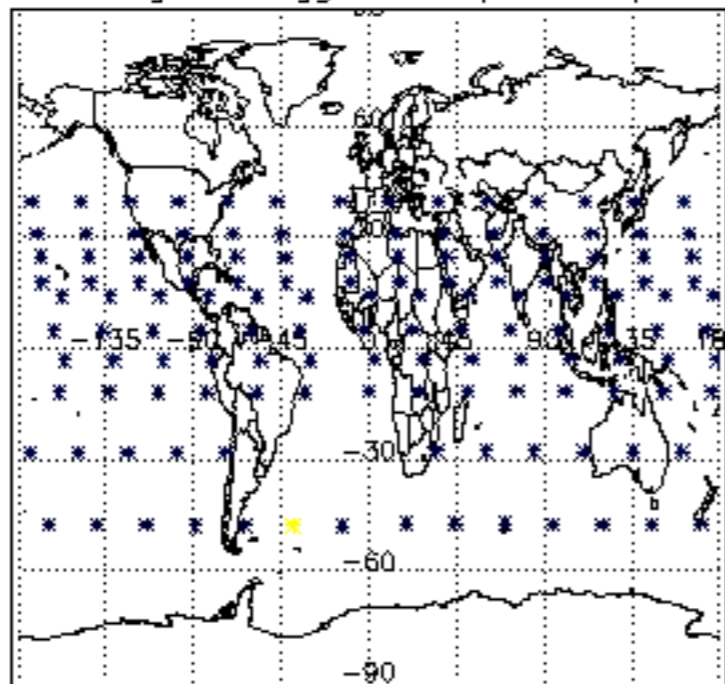
Percentage of flagged data per D3 profile



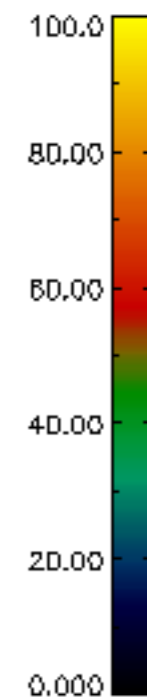
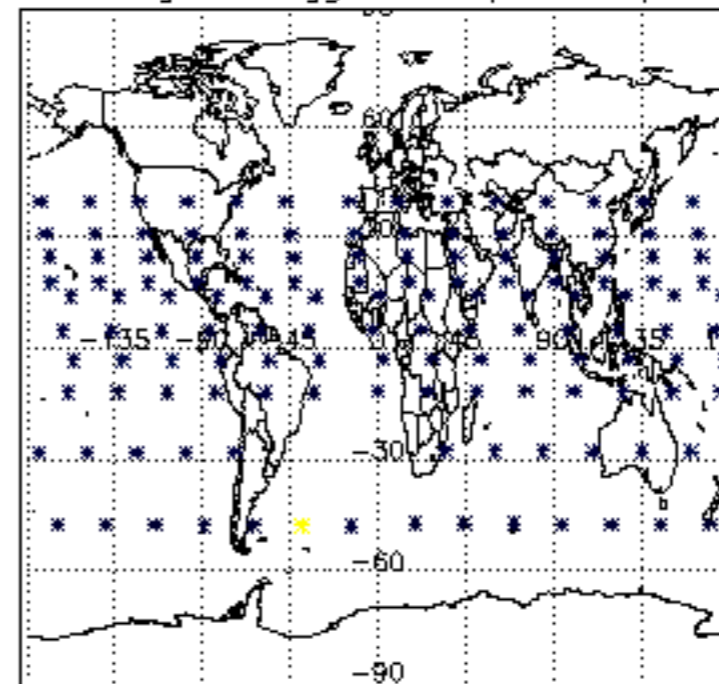
Percentage of flagged data per H2O profile

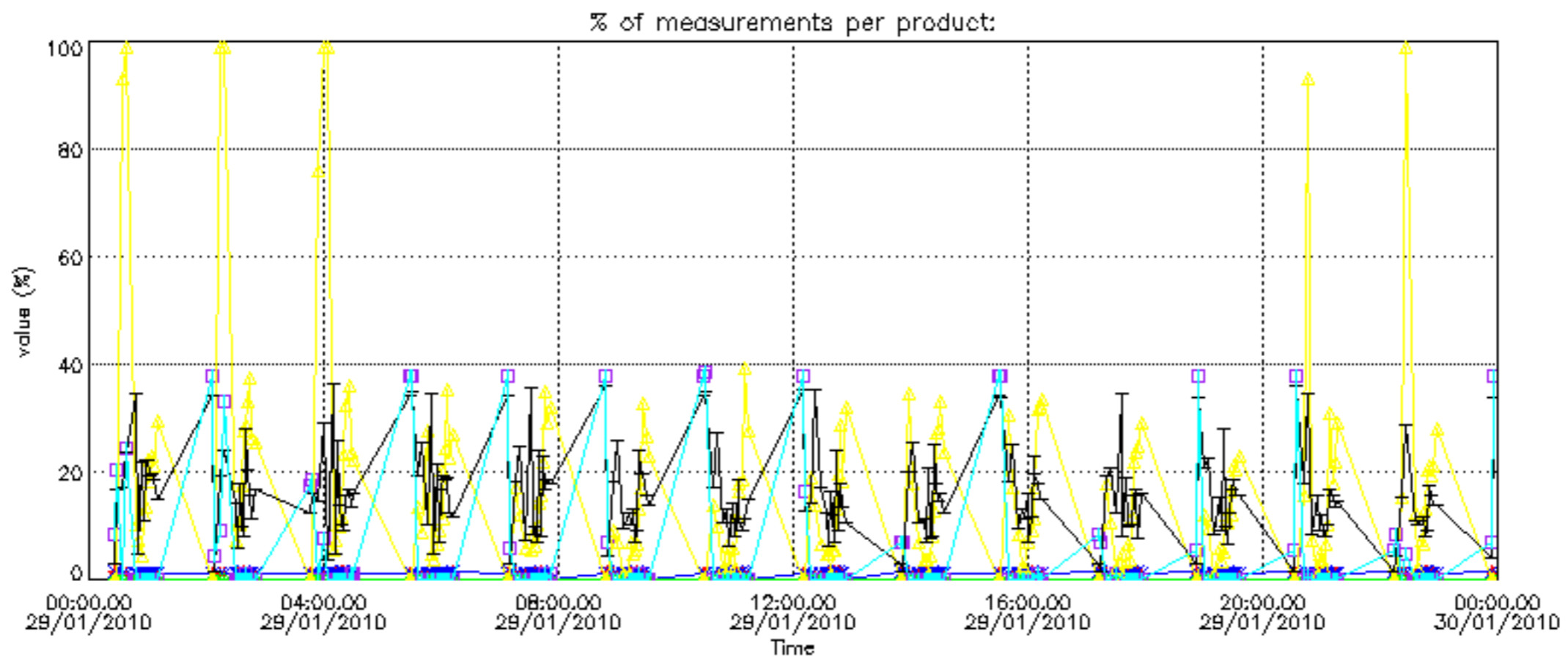


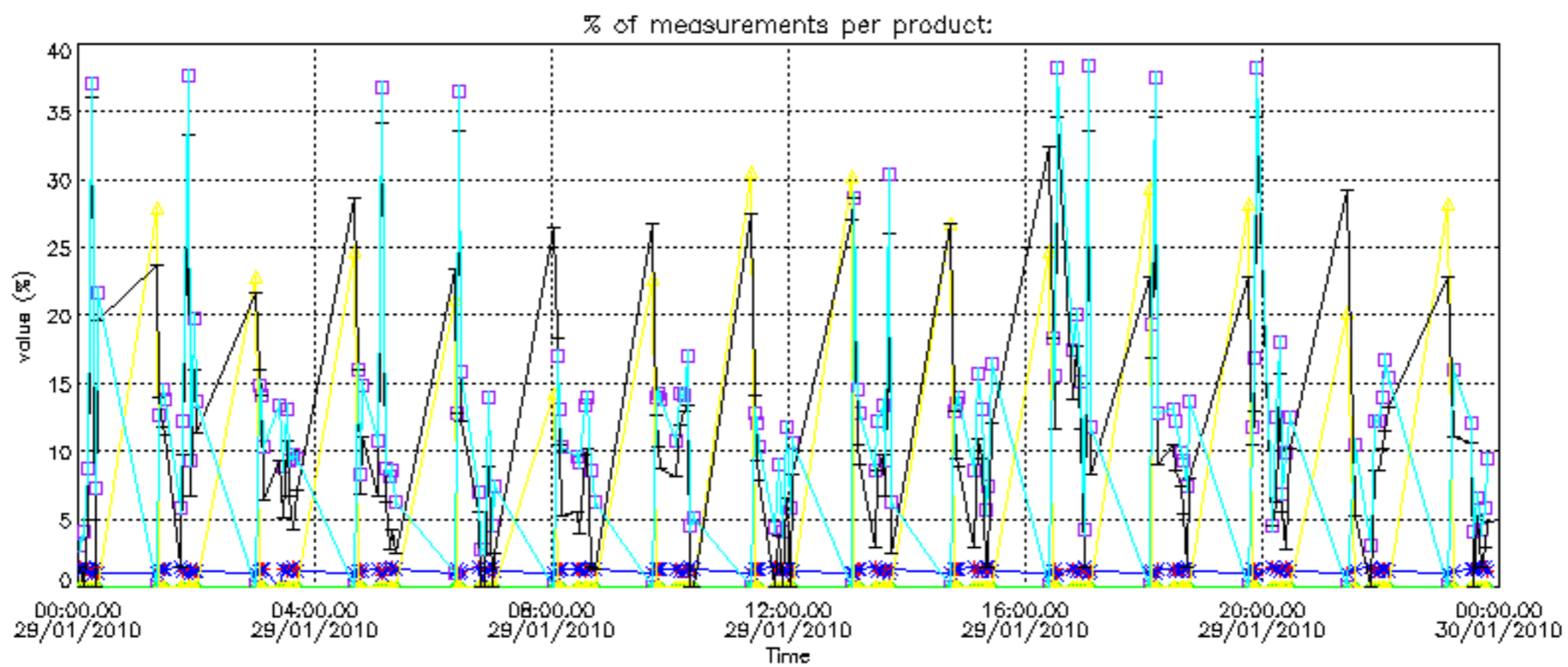
Percentage of flagged data per NO2 profile



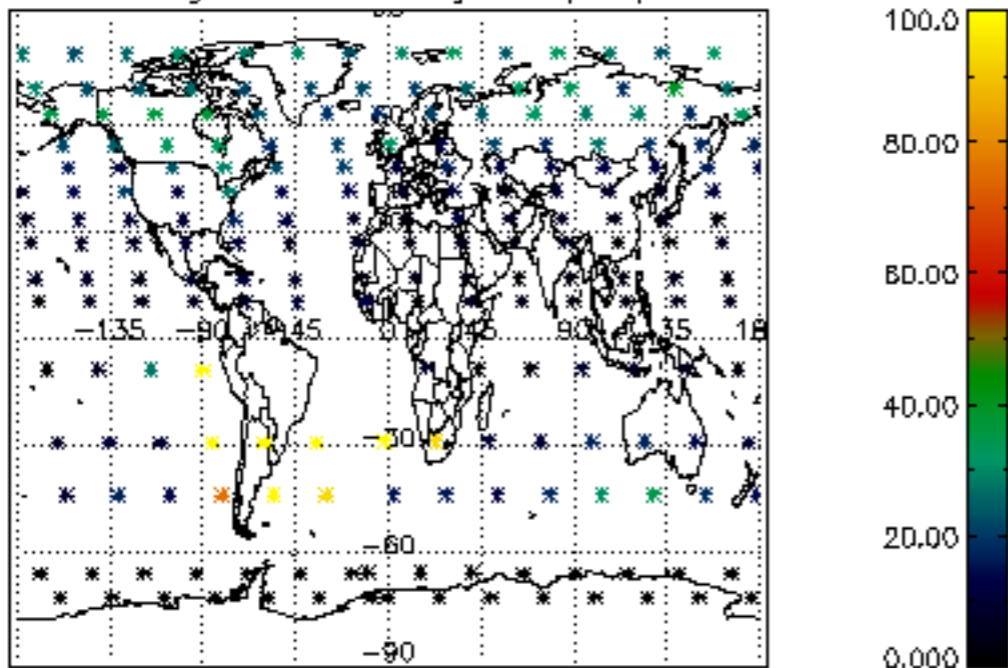
Percentage of flagged data per NO3 profile



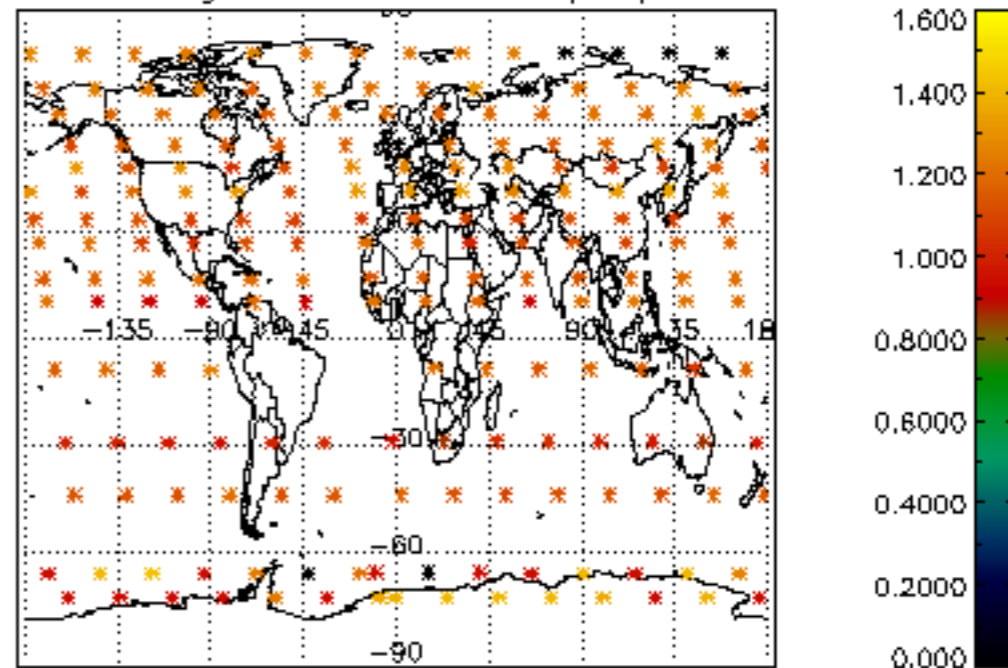




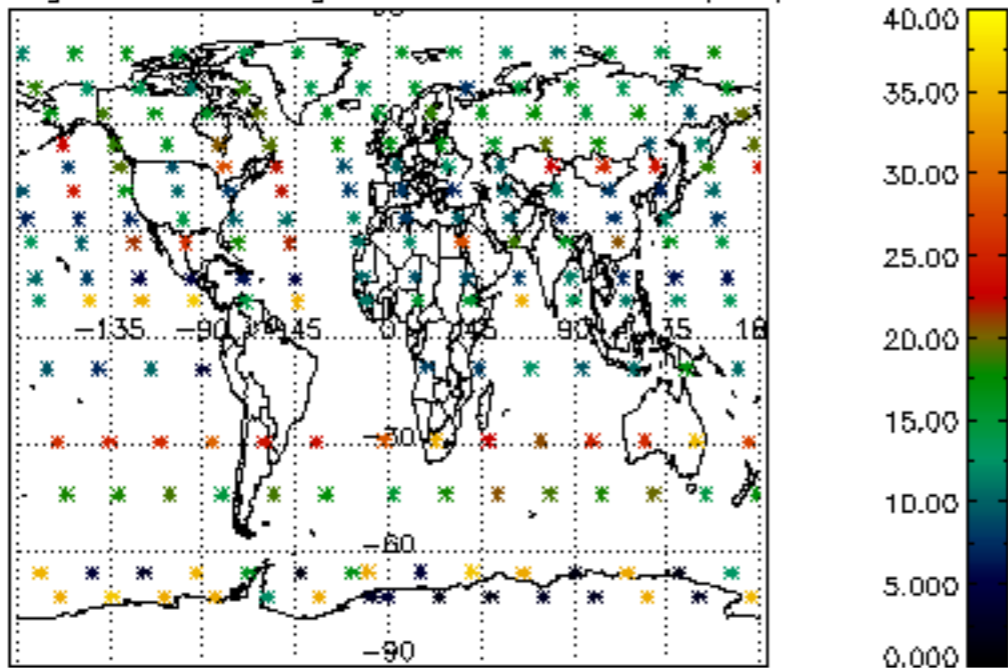
Percentage of cosmic ray hits per profile



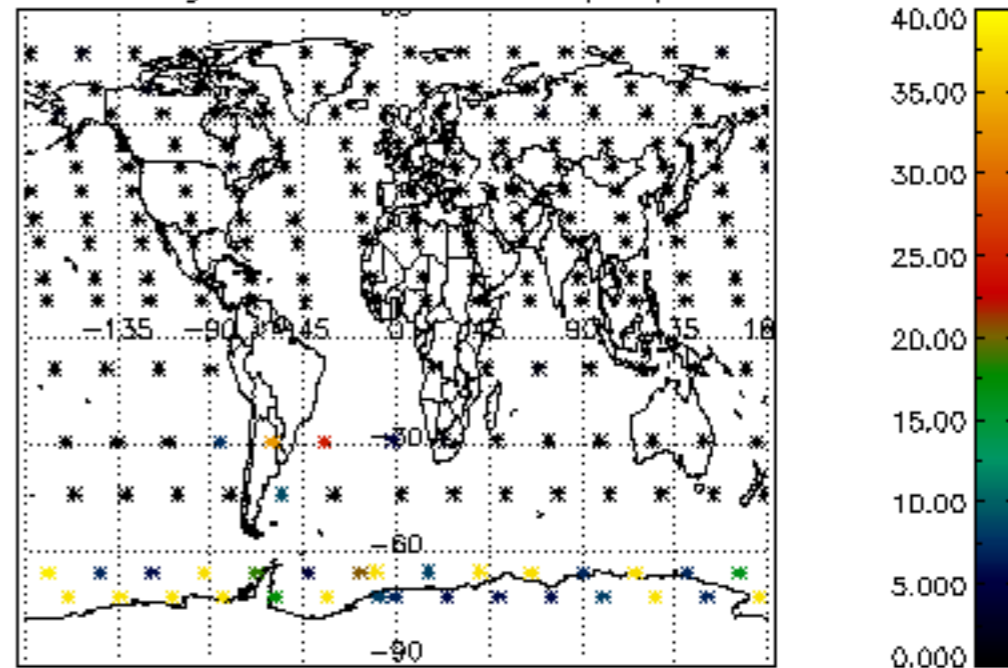
Percentage of datation errors per profile



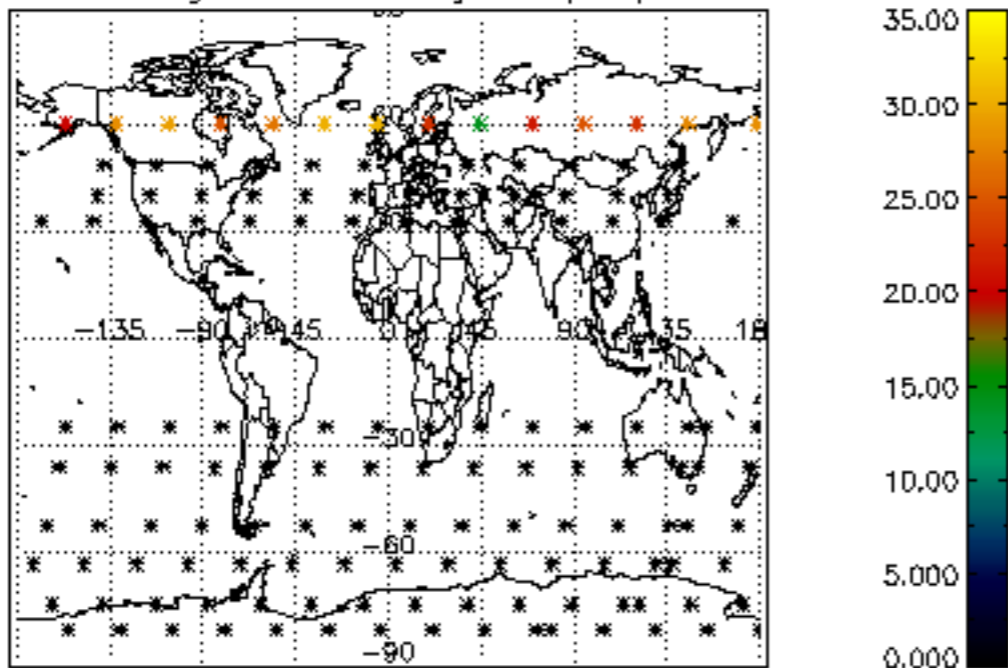
Percentage of star falling outside central band per profile



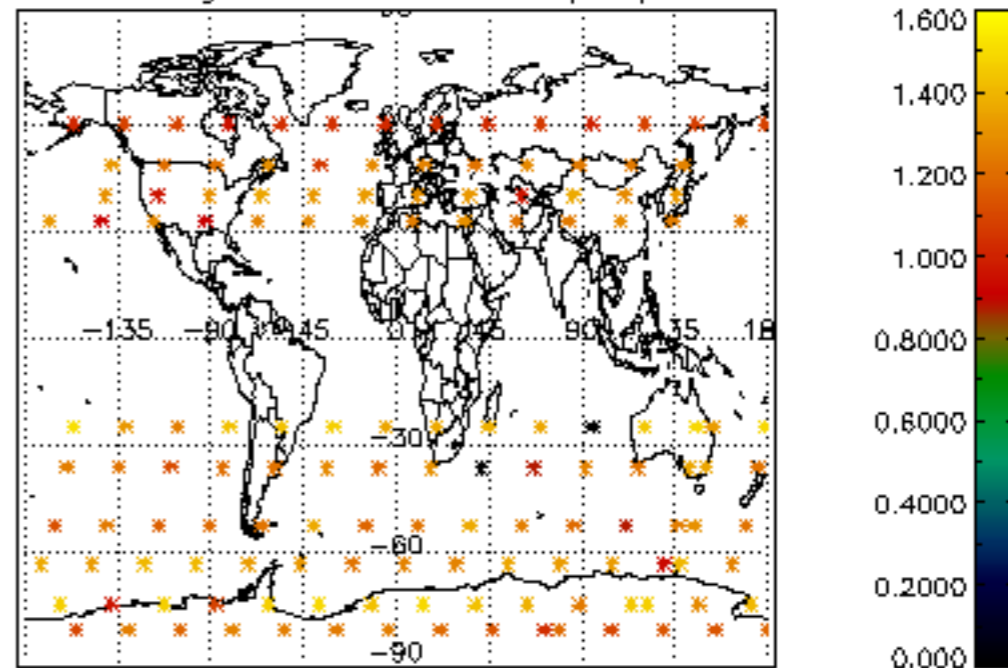
Percentage of saturation errors per profile



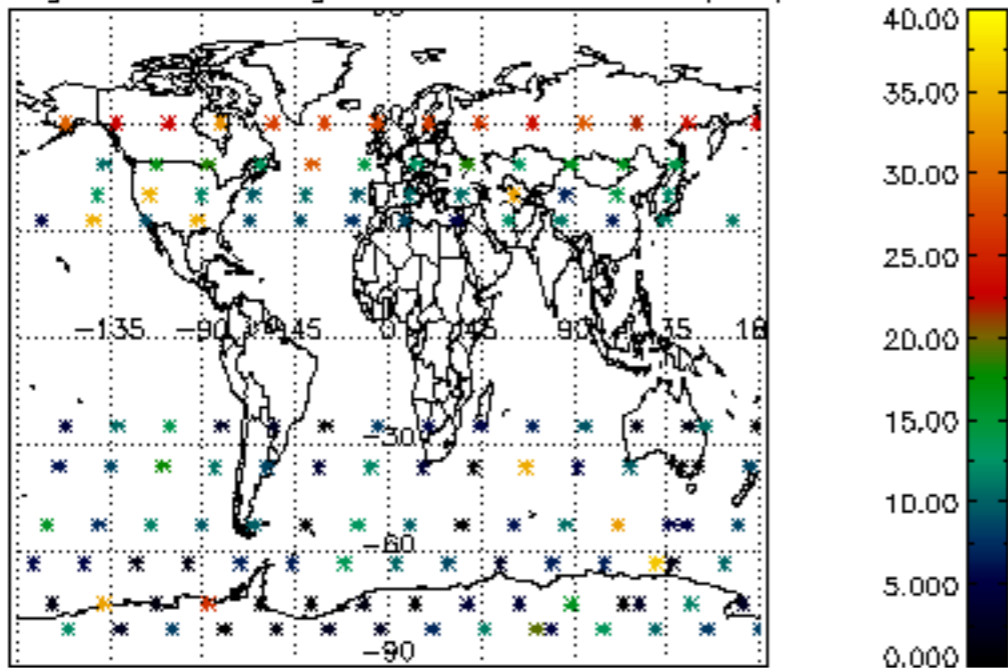
Percentage of cosmic ray hits per profile



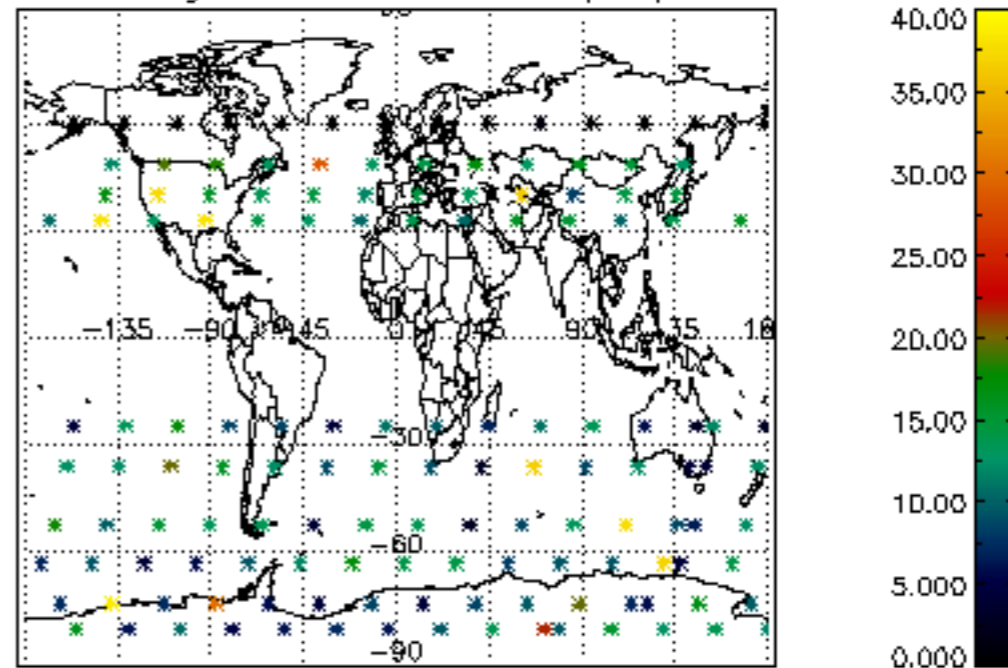
Percentage of datation errors per profile

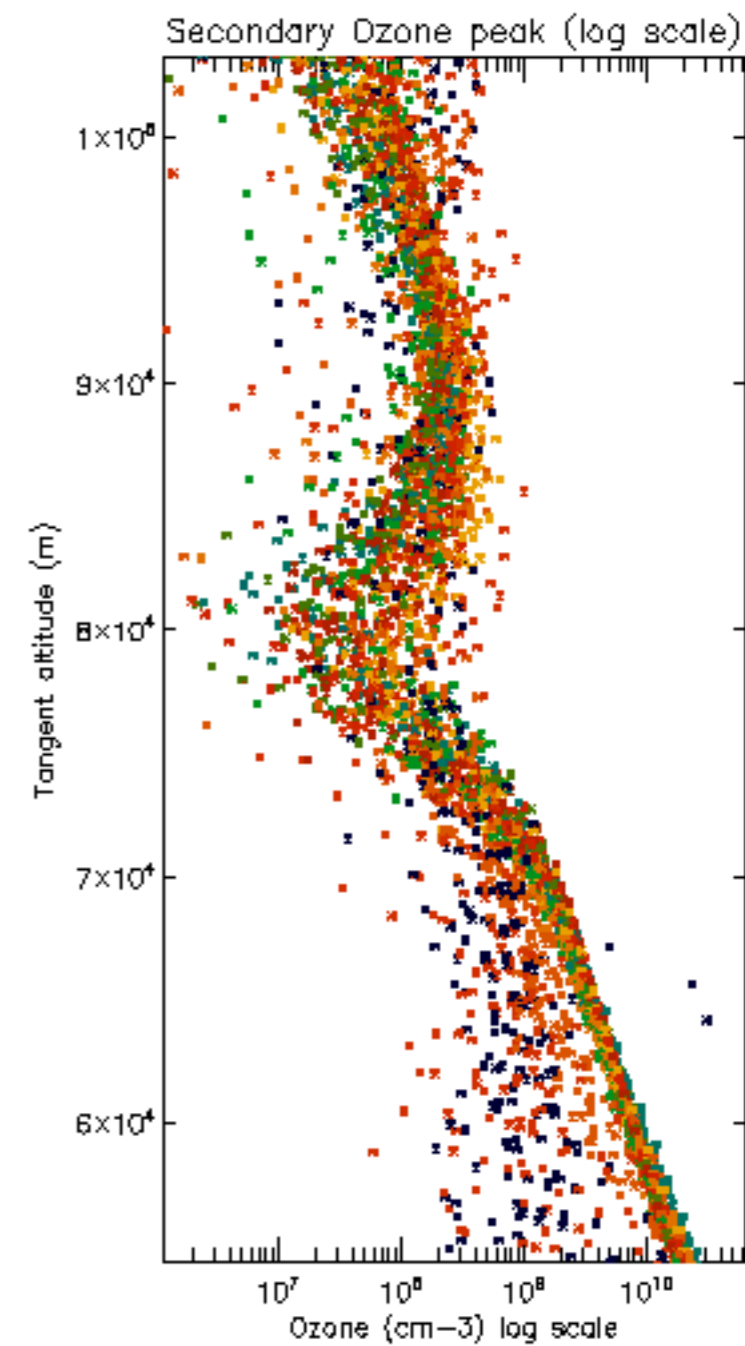
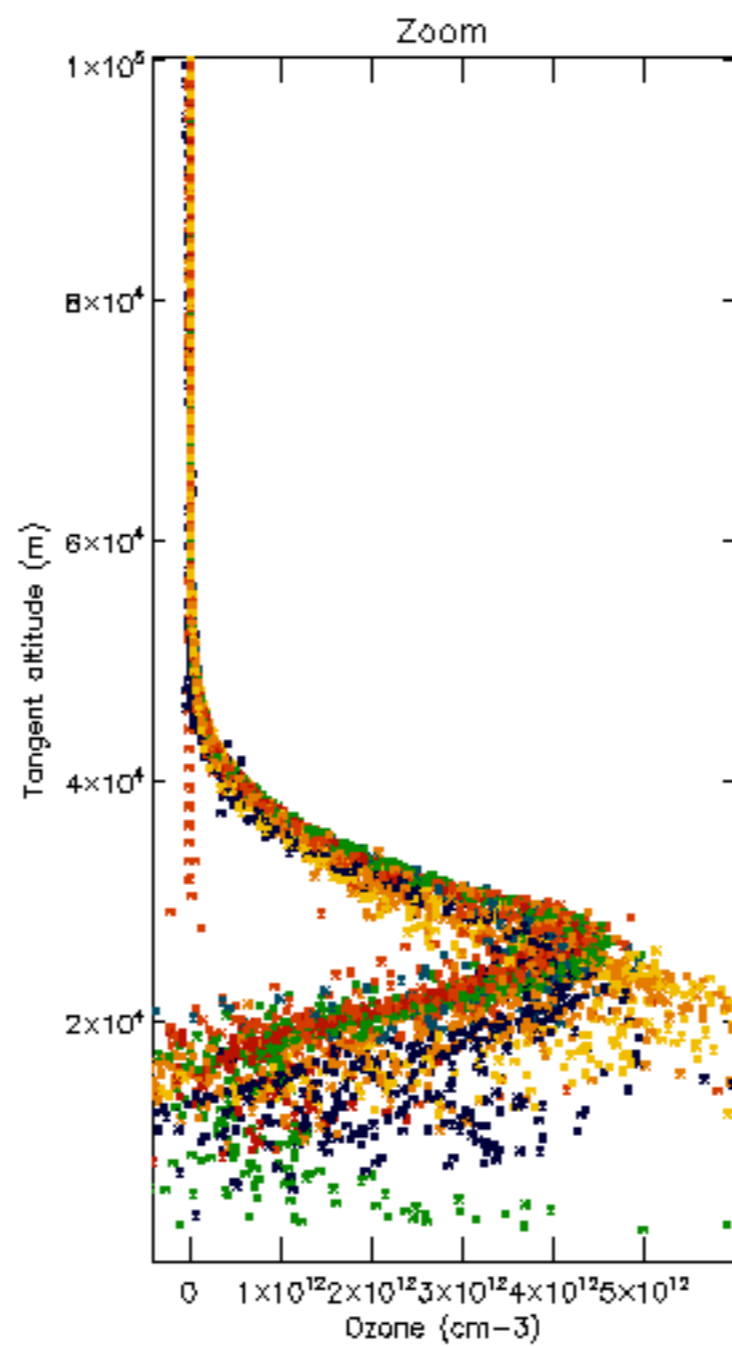
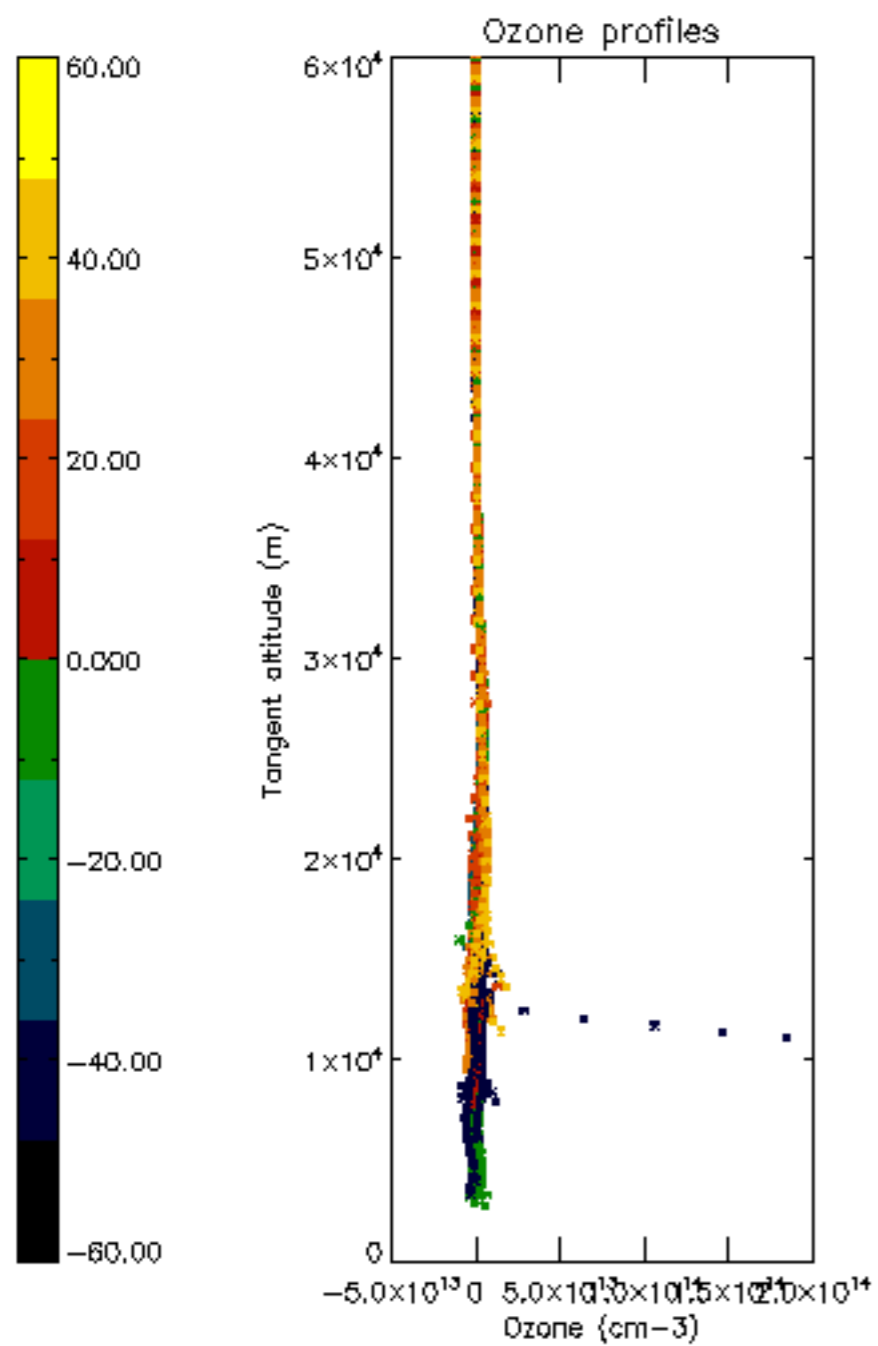


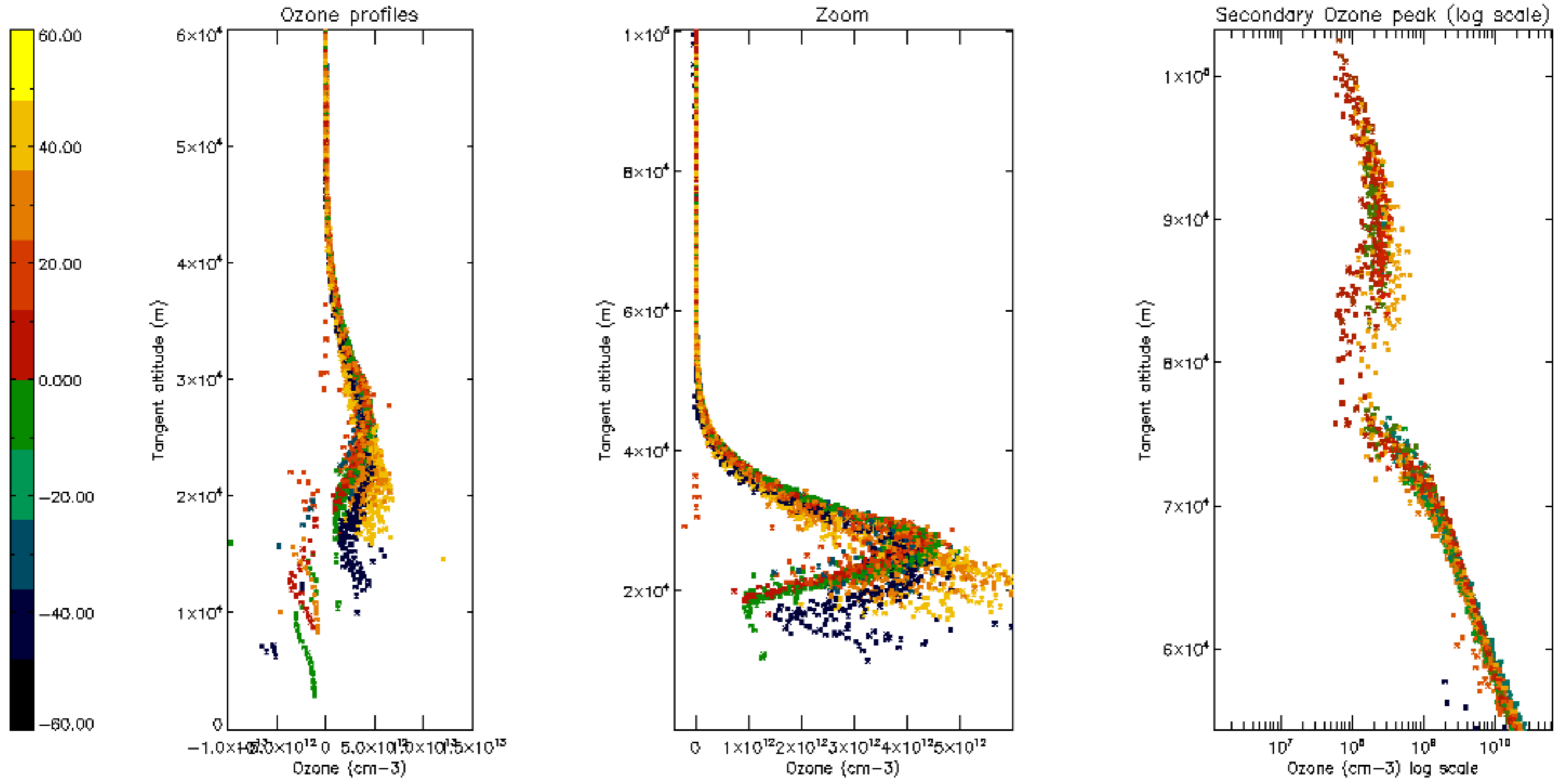
Percentage of star falling outside central band per profile



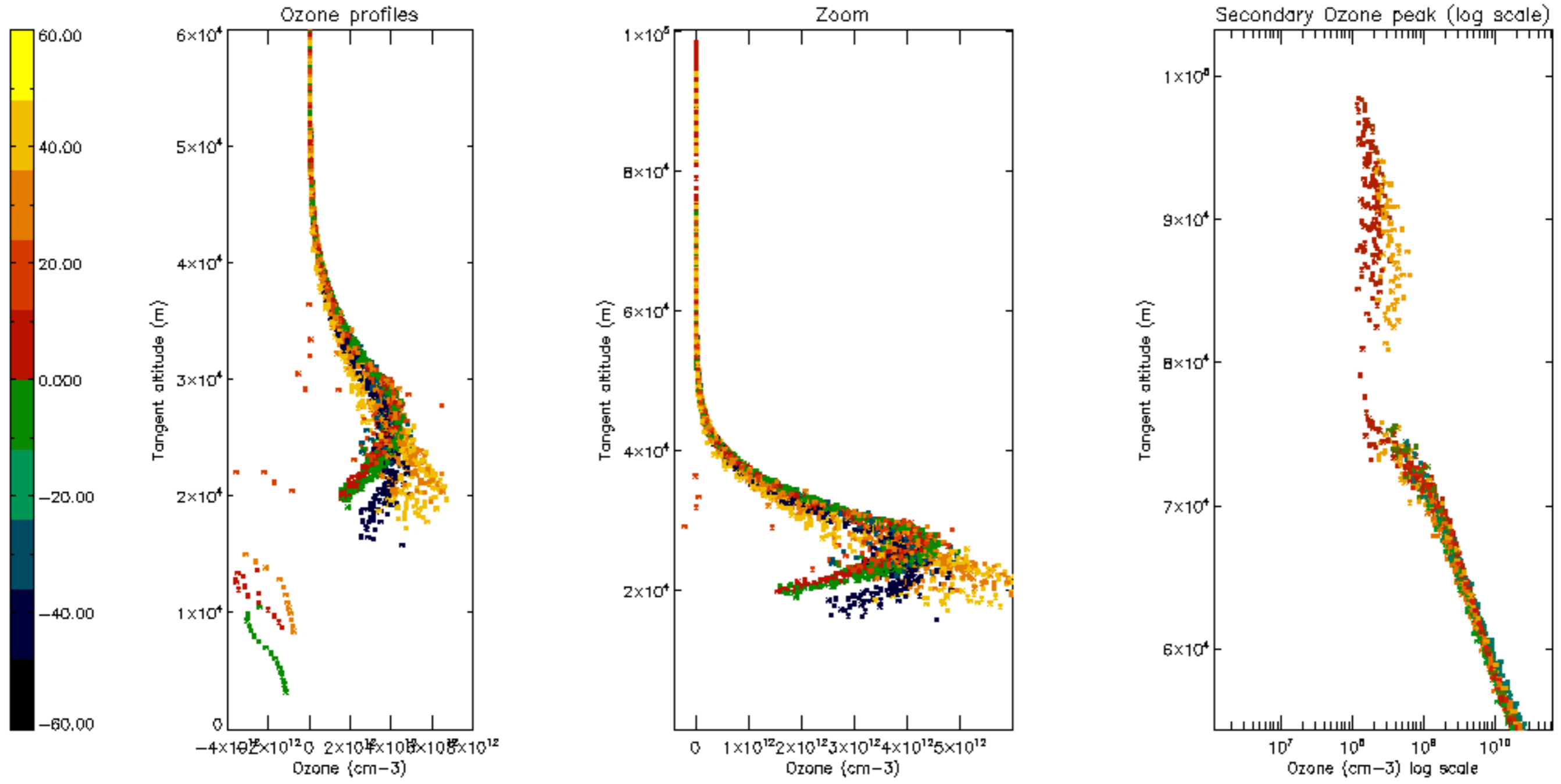
Percentage of saturation errors per profile

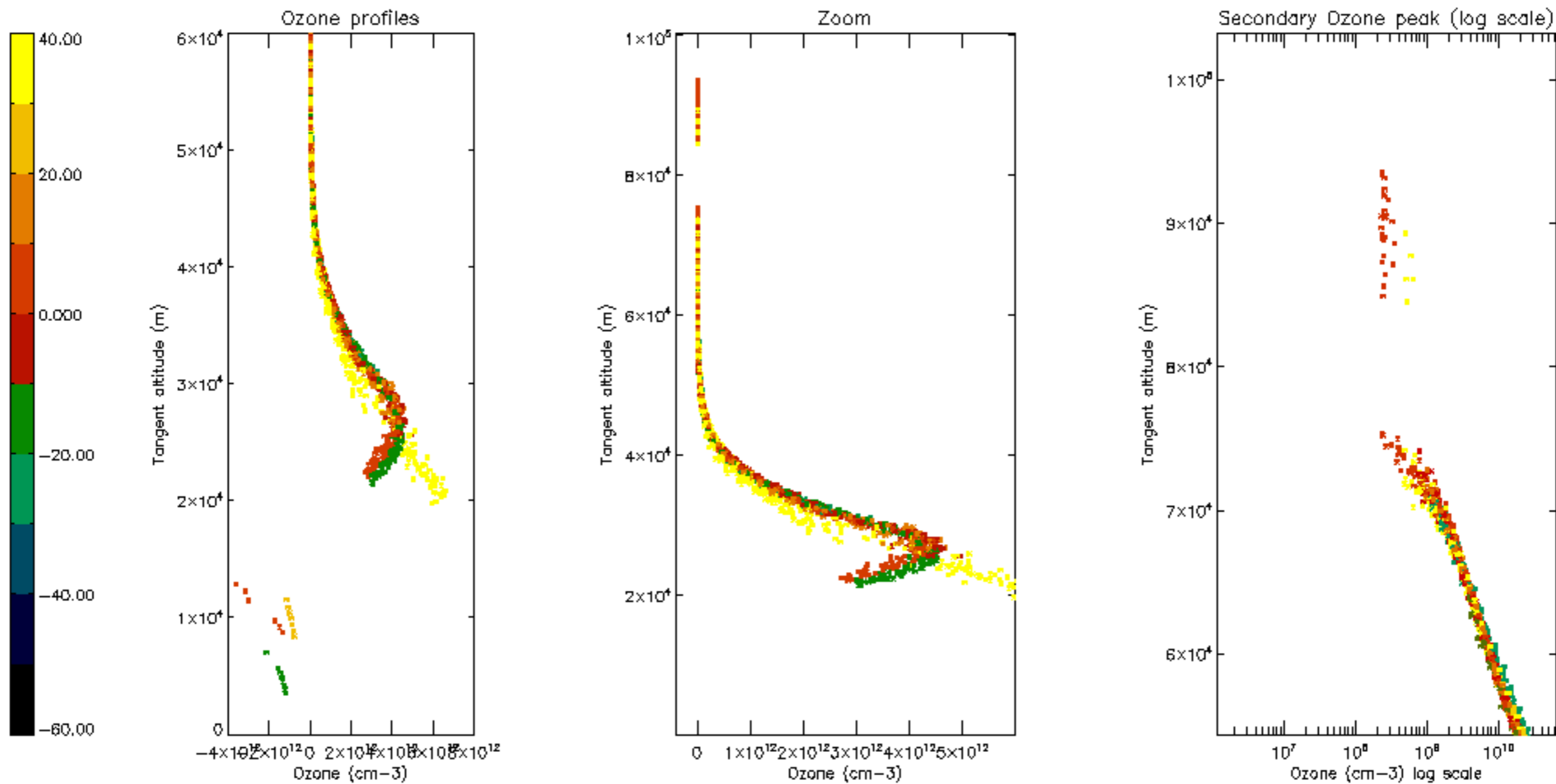


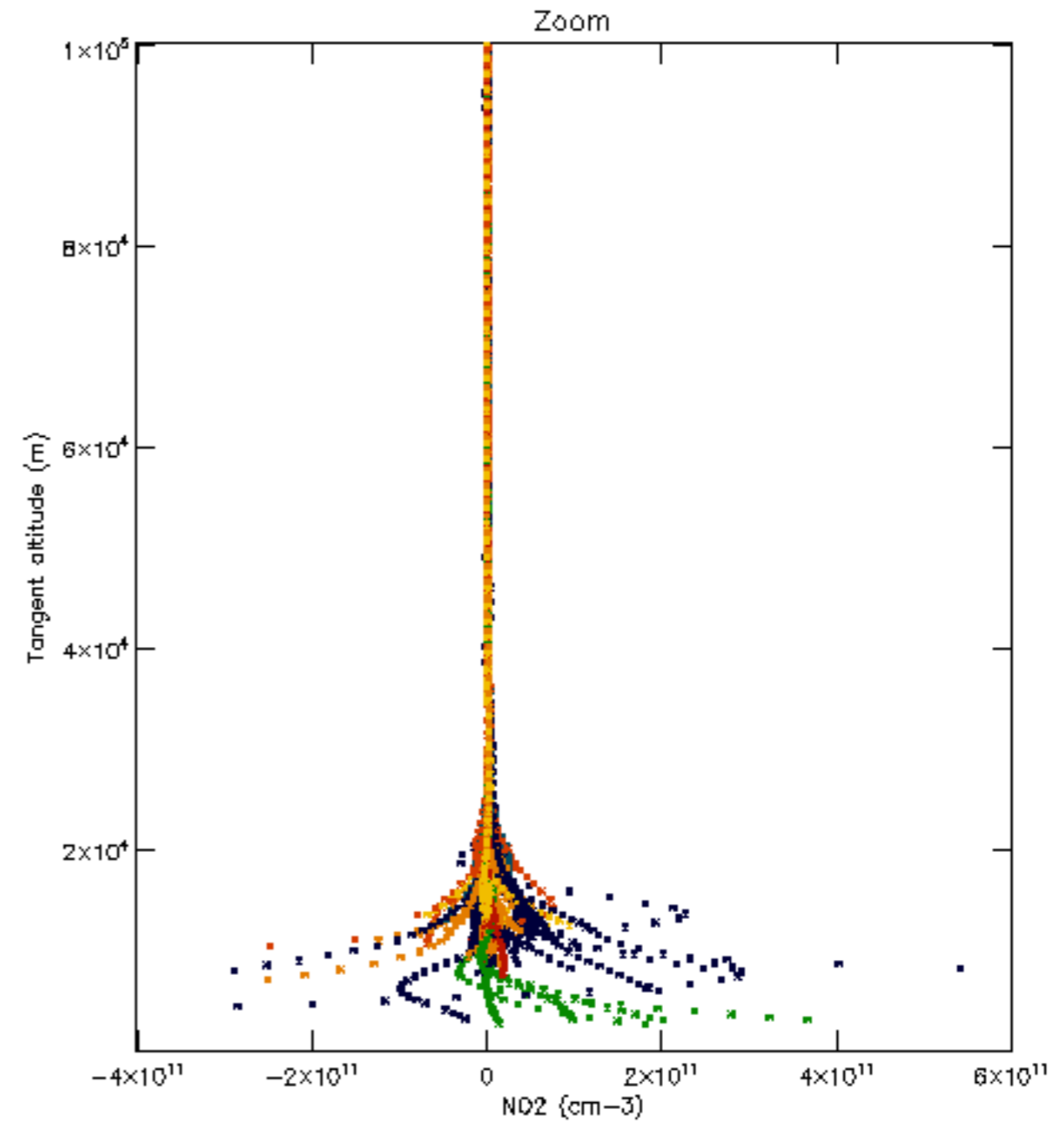
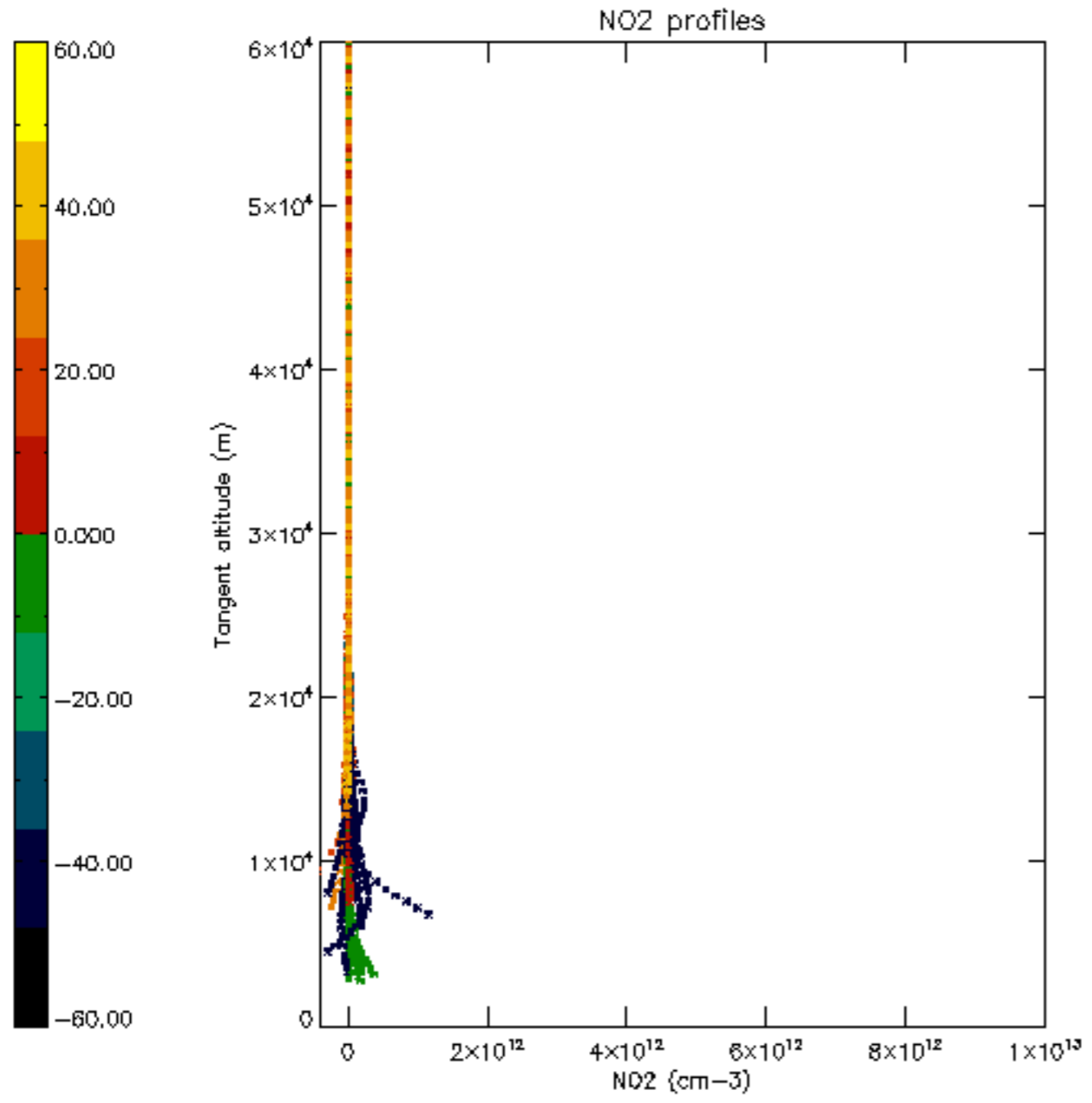


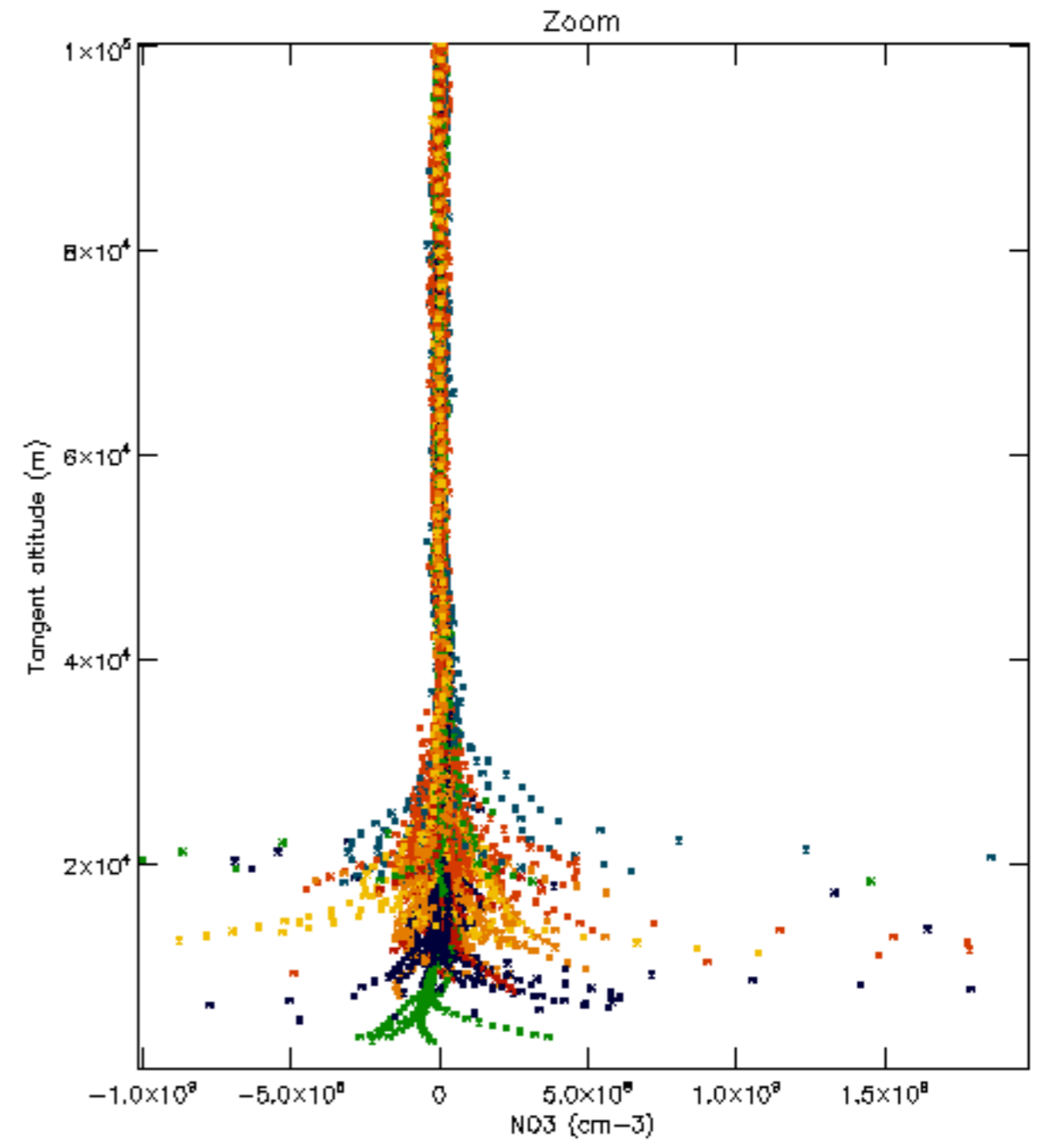
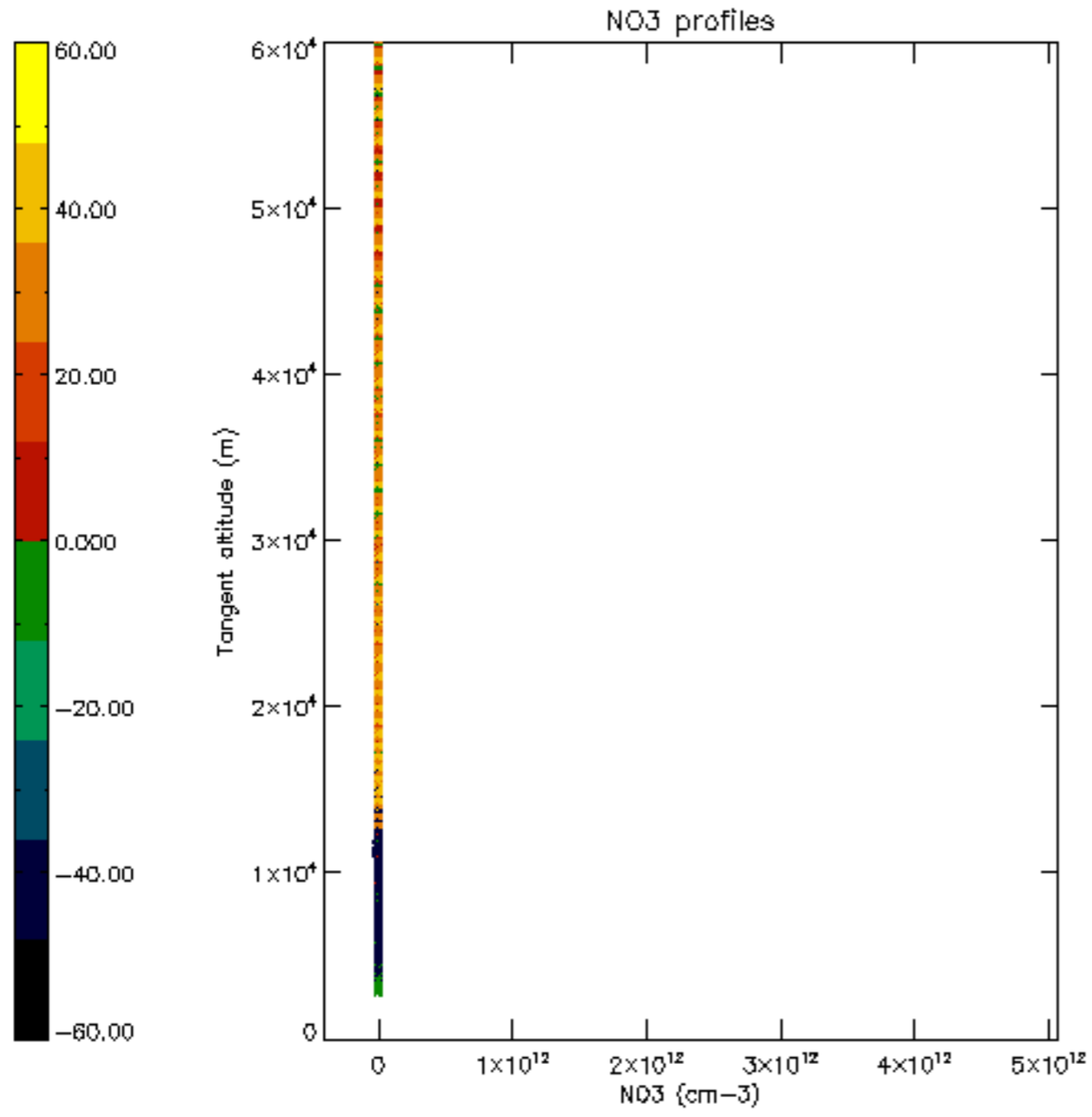


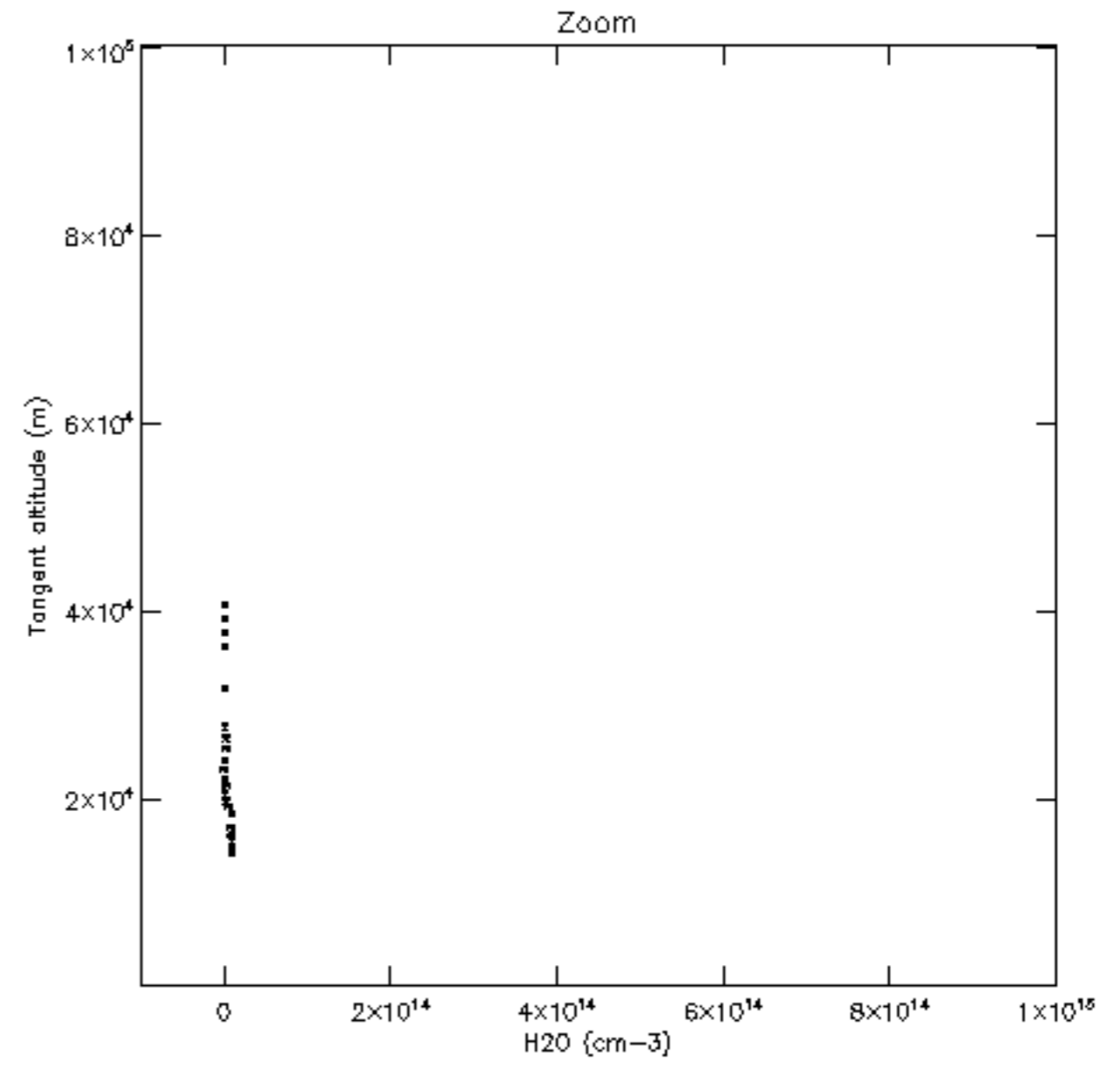
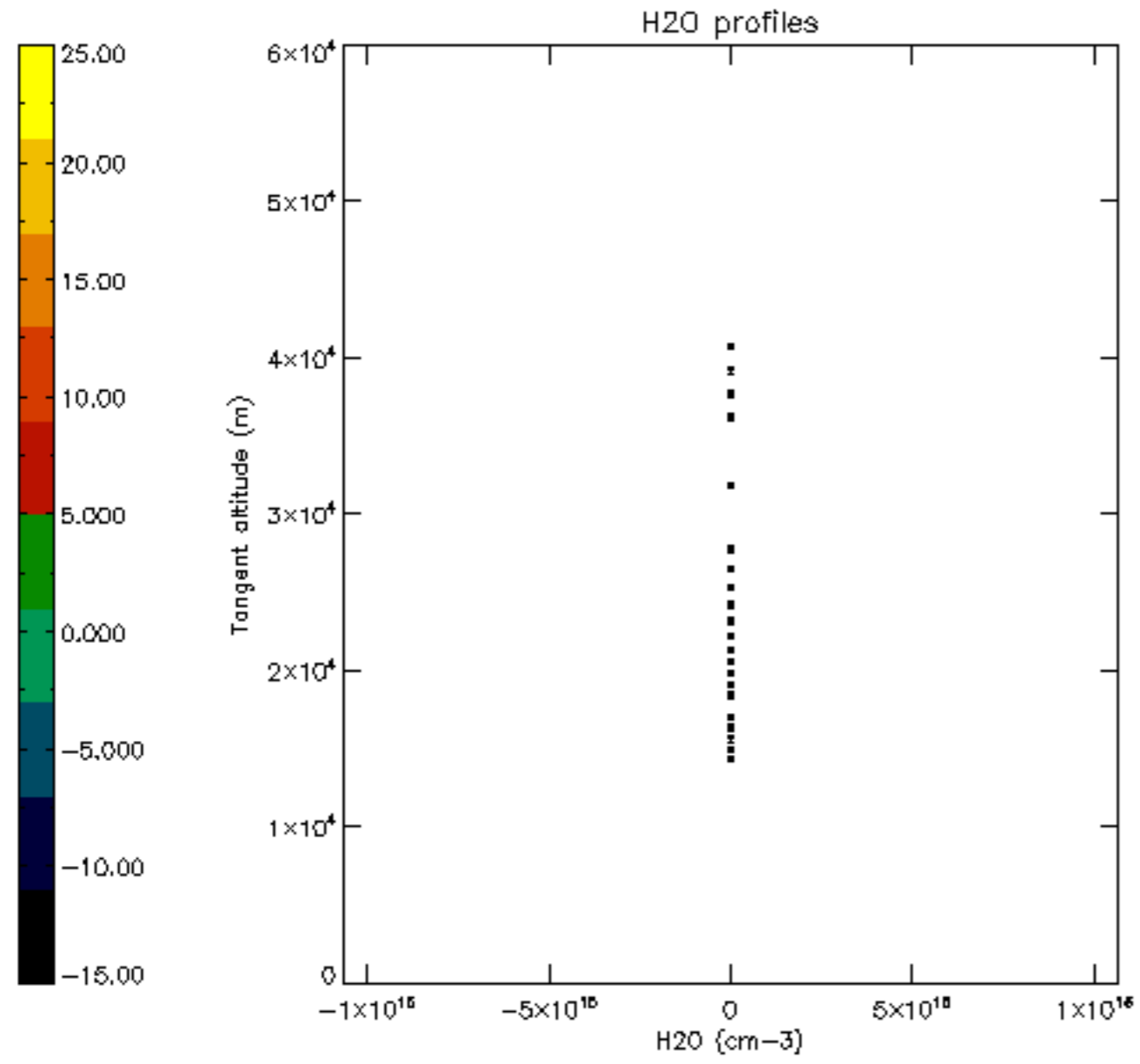


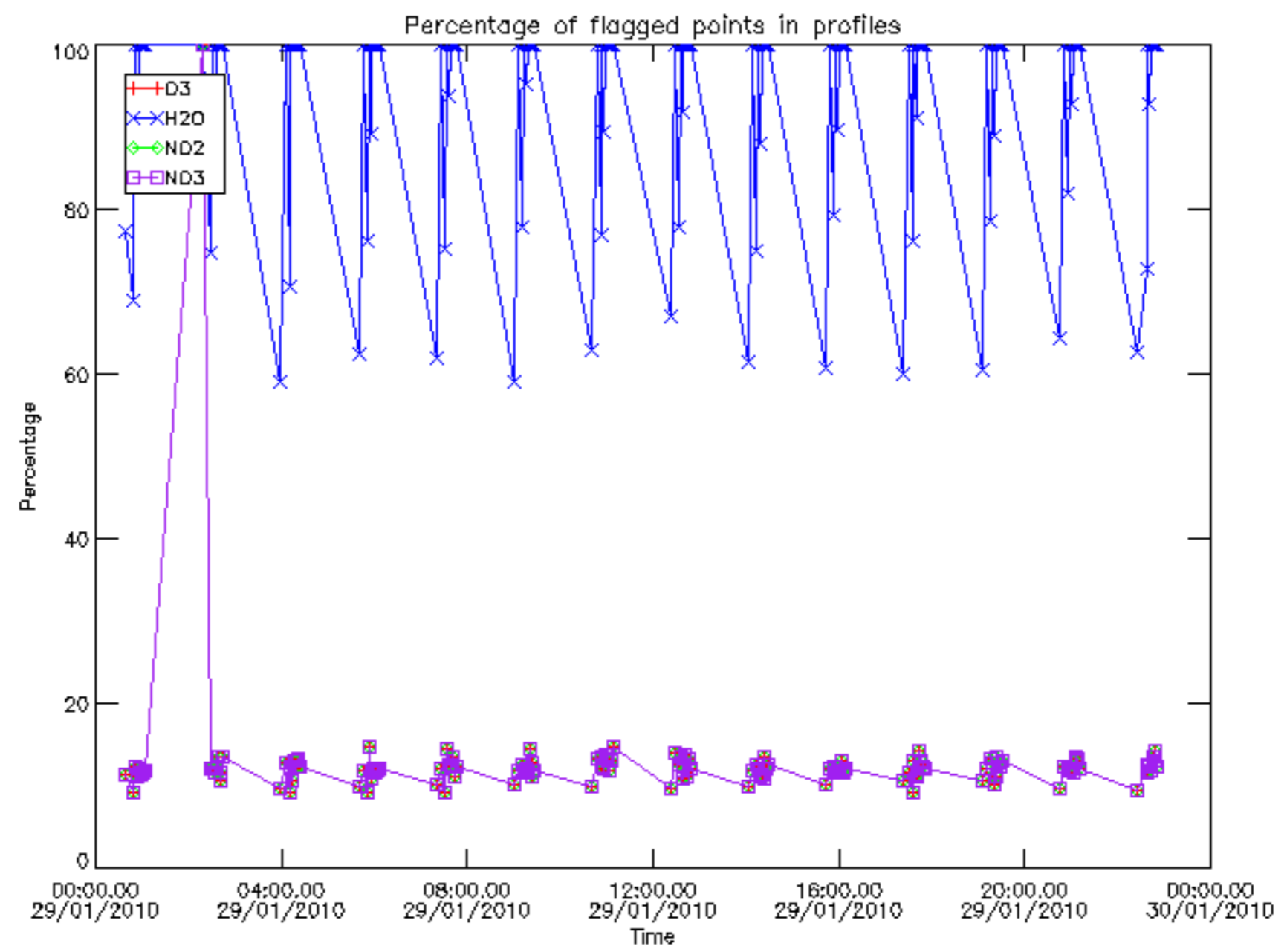




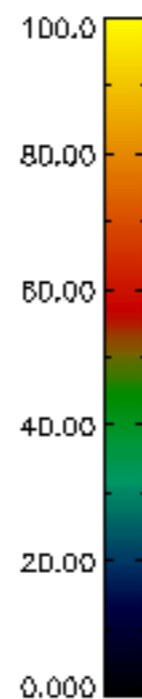
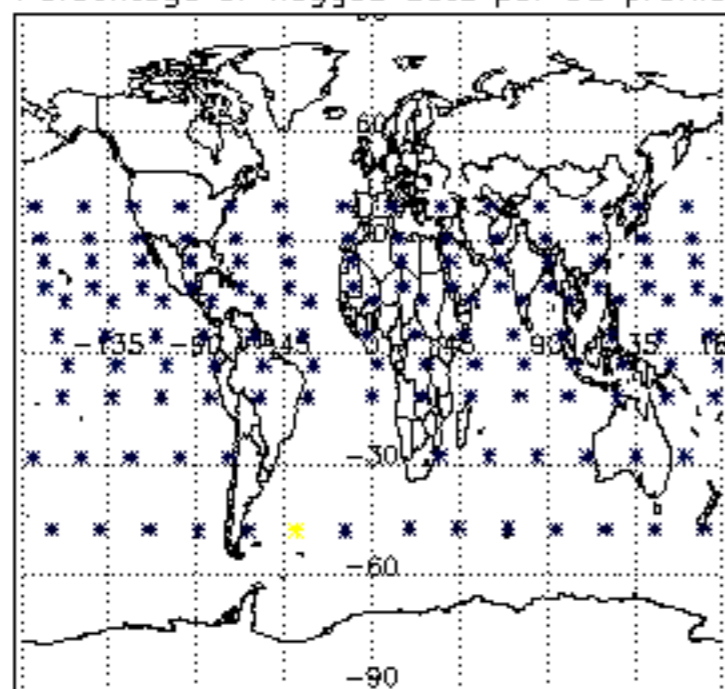




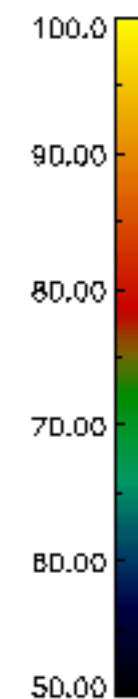
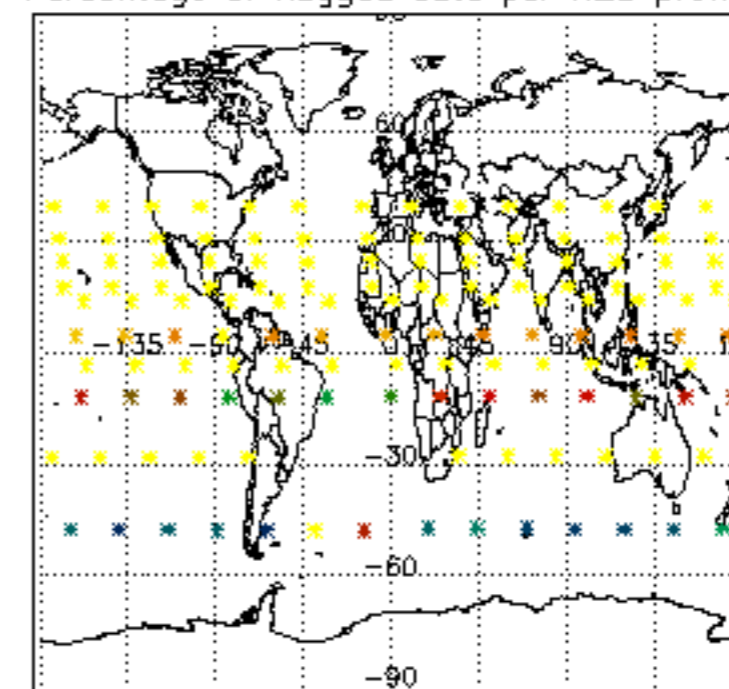




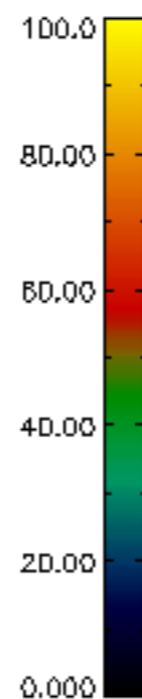
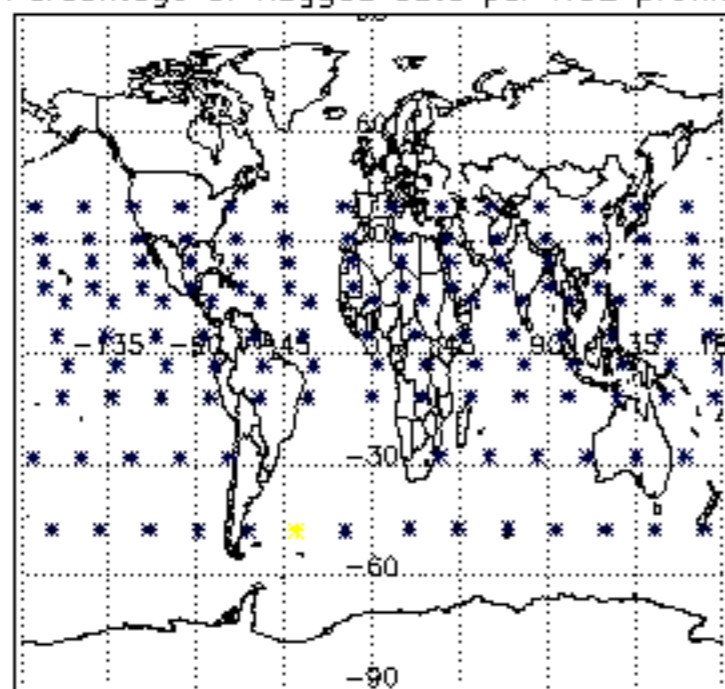
Percentage of flagged data per D3 profile



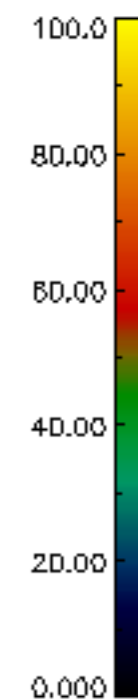
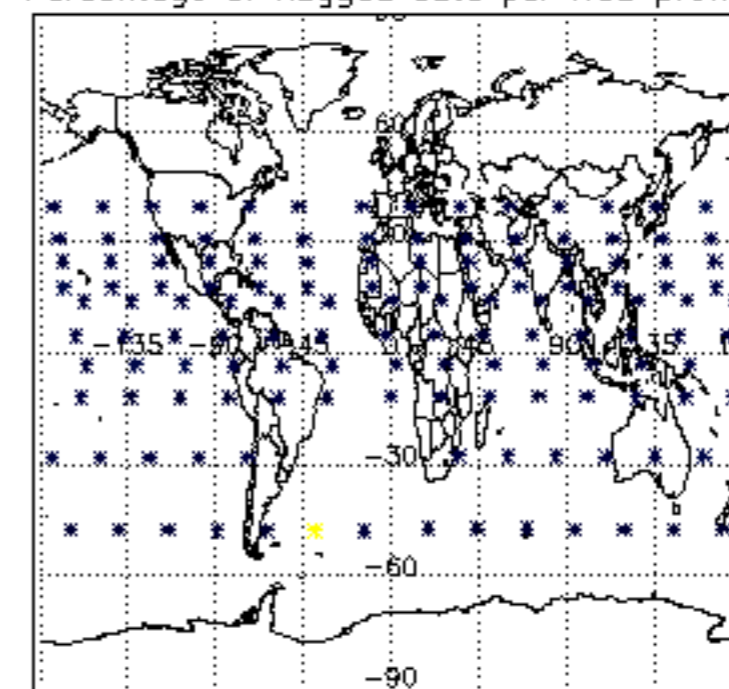
Percentage of flagged data per H2O profile

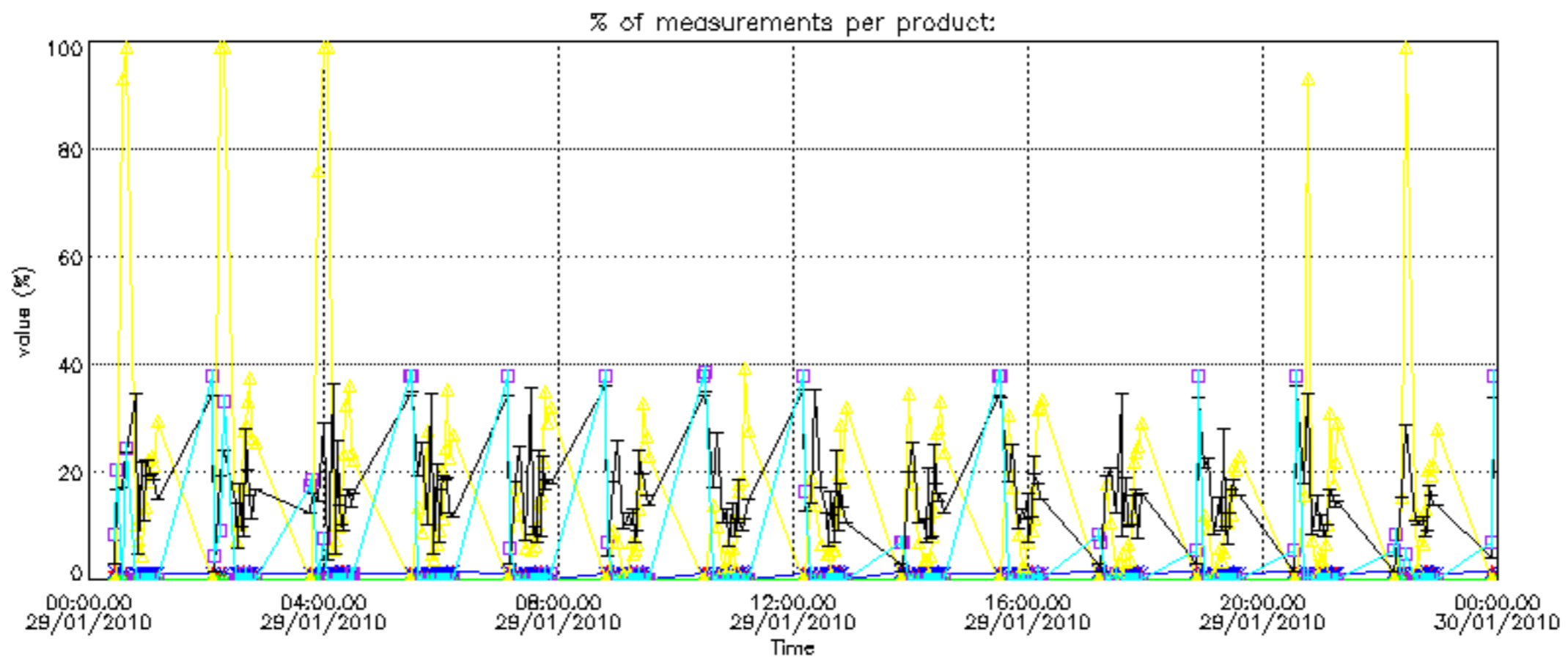


Percentage of flagged data per NO2 profile

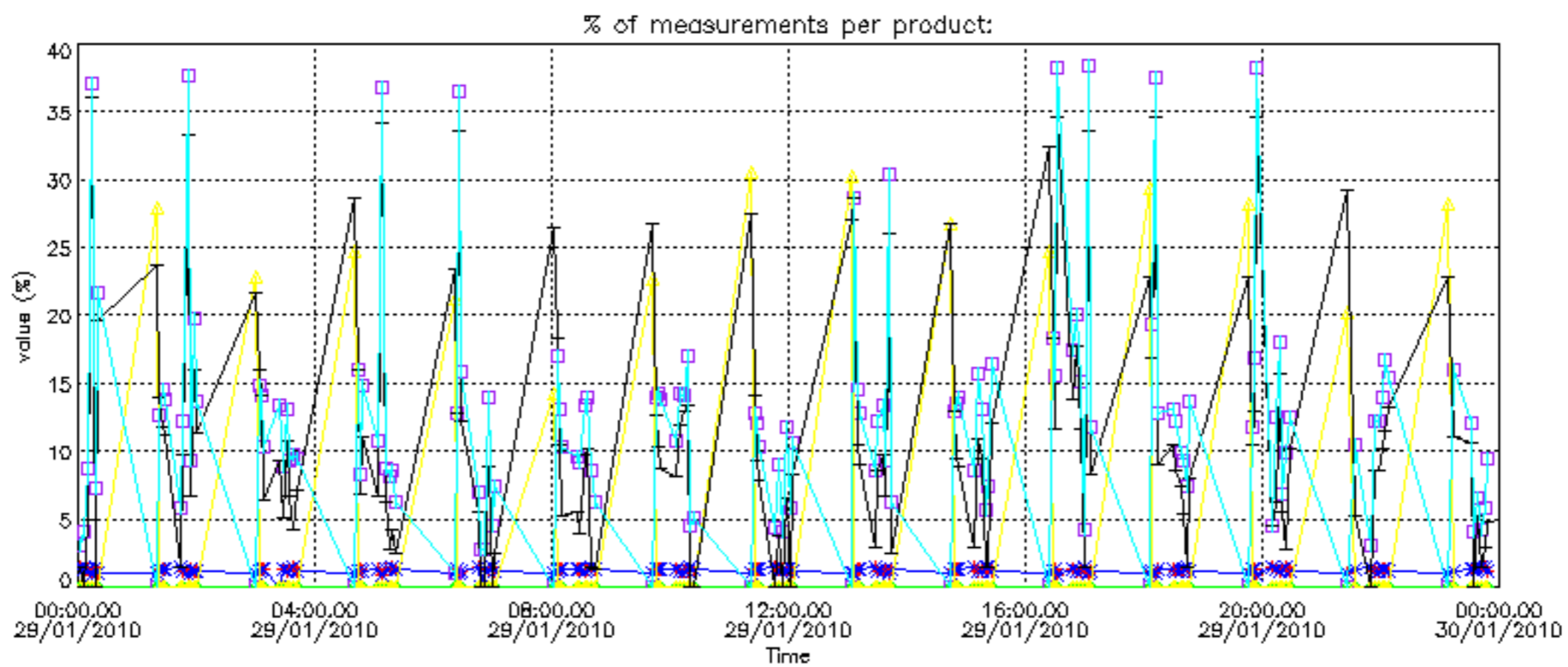


Percentage of flagged data per NO3 profile

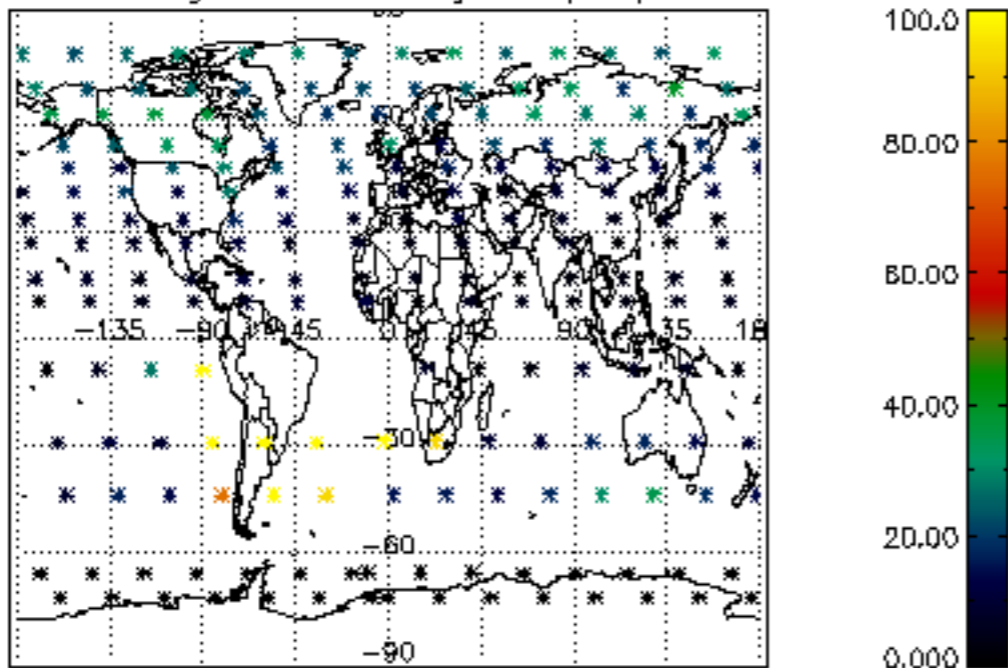




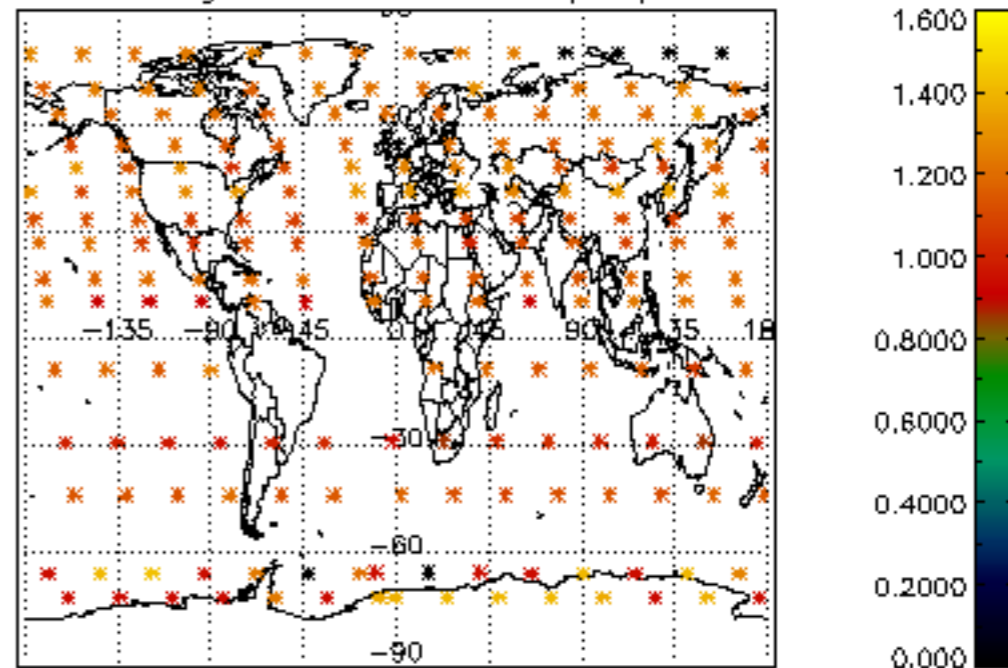




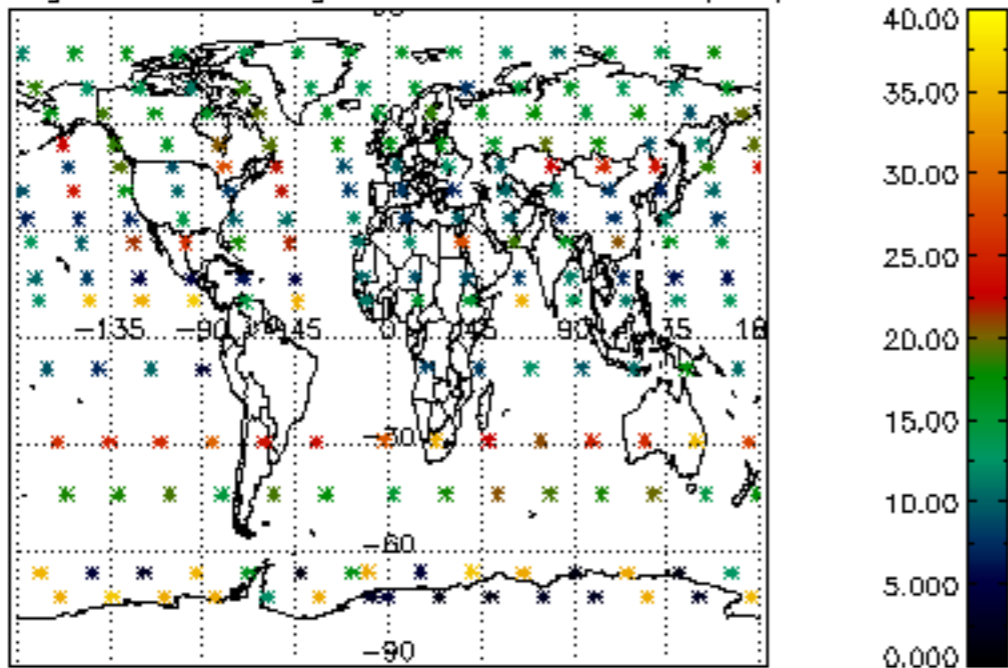
Percentage of cosmic ray hits per profile



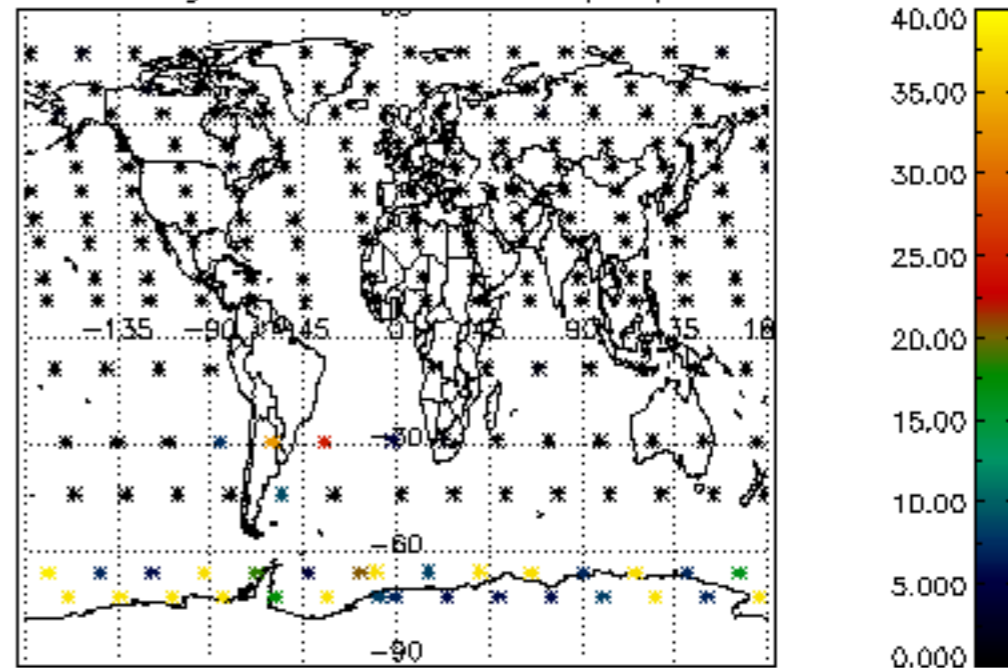
Percentage of datation errors per profile



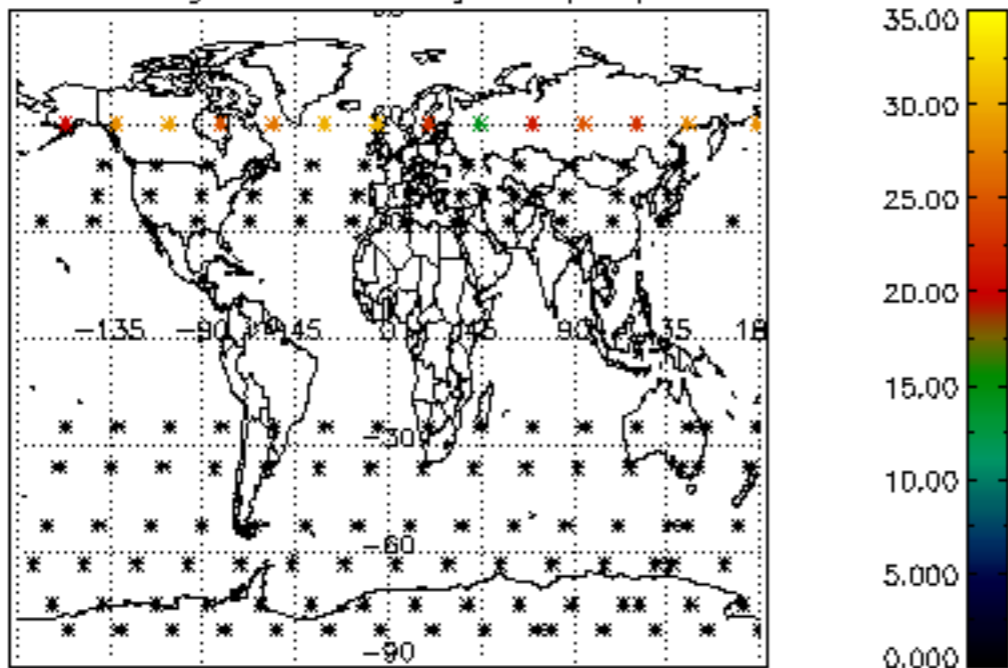
Percentage of star falling outside central band per profile



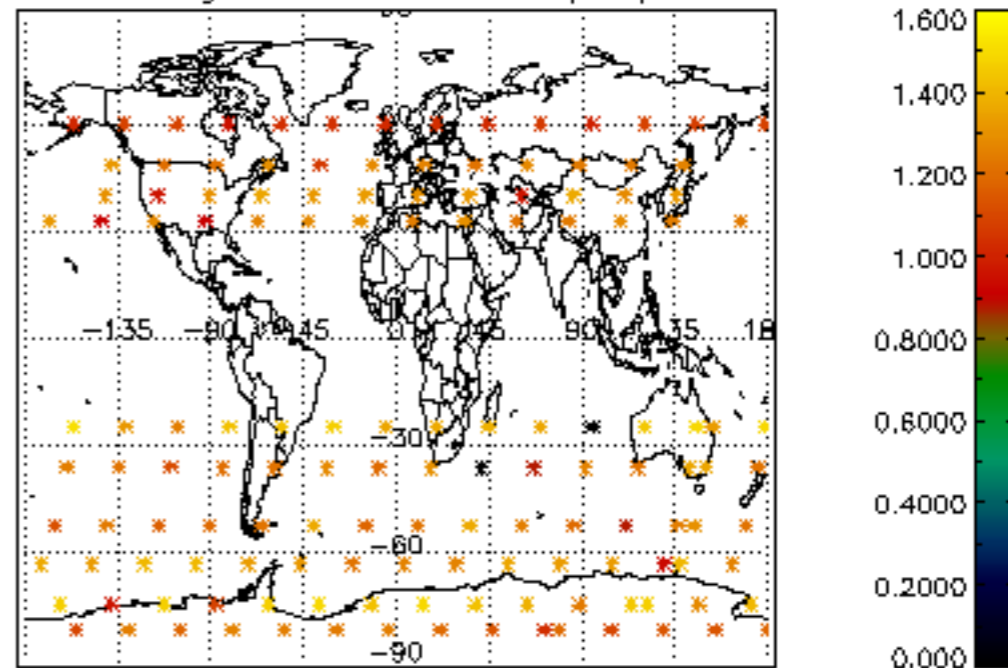
Percentage of saturation errors per profile



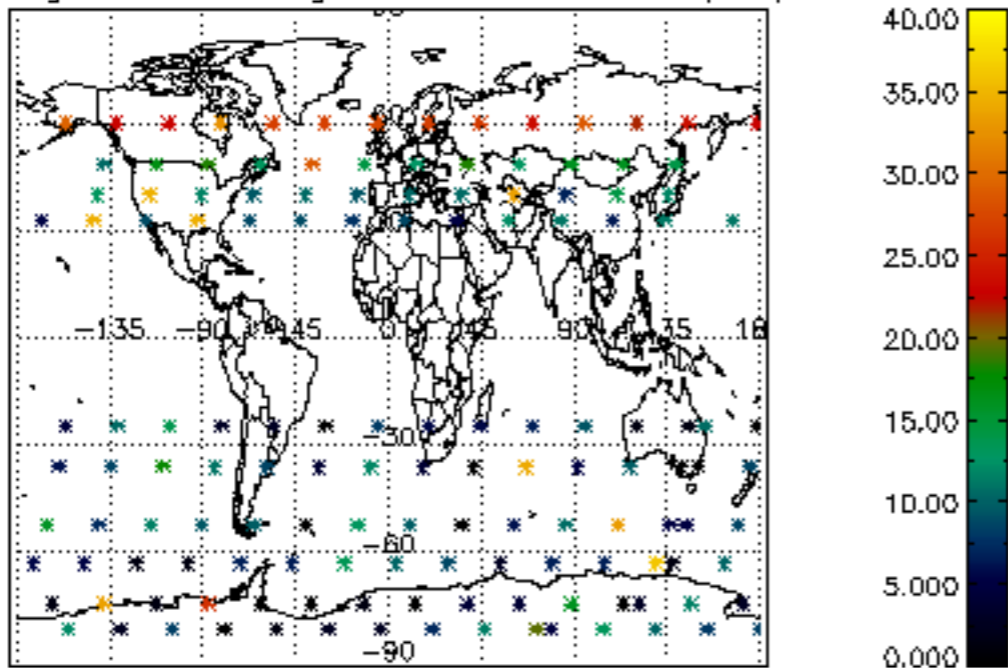
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

