

# 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 11:36:45
Data source version	GOMOS/6.01
Start time of products	09-08-2009 (09AUG2009 00:00:00)
Stop time of products	10-08-2009 (10AUG2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	311
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__2PRFIN20090809_000301_000000572081_00274_38905_6839.N1	09-AUG-2009 00:03:01	Twilight	57.000	18	24Alp PsA	1.1660	9700.0	114	38905	No
2	GOM_NL__2PRFIN20090809_000919_000000472081_00274_38905_6840.N1	09-AUG-2009 00:09:19	Bright	46.500	142	49Del Cap	2.8500	8900.0	93	38905	No
3	GOM_NL__2PRFIN20090809_001304_000000442081_00274_38905_6841.N1	09-AUG-2009 00:13:04	Bright	43.500	154	22Bet Aqr	2.8990	5700.0	87	38905	No
4	GOM_NL__2PRFIN20090809_001854_000000522081_00274_38905_6842.N1	09-AUG-2009 00:18:54	Bright	51.500	61	8Eps Peg	2.1000	3900.0	103	38905	No
5	GOM_NL__2PRFIN20090809_002509_000000412081_00274_38905_6843.N1	09-AUG-2009 00:25:09	Bright	41.000	92	53Eps Cyg	2.5000	4500.0	82	38905	No
6	GOM_NL__2PRFIN20090809_002819_000000382081_00274_38905_6844.N1	09-AUG-2009 00:28:19	Bright	38.000	19	50Alp Cyg	1.2460	10500.0	76	38905	No
7	GOM_NL__2PRFIN20090809_003345_000000382081_00274_38905_6845.N1	09-AUG-2009 00:33:45	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	38905	No
8	GOM_NL__2PRFIN20090809_003924_000000512081_00274_38905_6846.N1	09-AUG-2009 00:39:24	Bright	50.500	74	11Bet Cas	2.2680	6600.0	101	38905	No
9	GOM_NL__2PRFIN20090809_004133_000000492081_00274_38905_6847.N1	09-AUG-2009 00:41:33	Bright	49.000	76	27Gam Cas	2.3000	30000.0	98	38905	No
10	GOM_NL__2PRFIN20090809_004829_000000502081_00274_38905_6848.N1	09-AUG-2009 00:48:29	Bright	50.000	160	23Gam Per	2.9300	4700.0	100	38905	No
11	GOM_NL__2PRFIN20090809_005019_000000512081_00274_38905_6849.N1	09-AUG-2009 00:50:19	Bright	51.000	35	33Alp Per	1.7950	6250.0	102	38905	No
12	GOM_NL__2PRFIN20090809_005258_000000462081_00274_38905_6850.N1	09-AUG-2009 00:52:58	Bright	46.000	6	13Alp Aur	0.080000	3400.0	92	38905	No
13	GOM_NL__2PRFIN20090809_005446_000000522081_00274_38905_6851.N1	09-AUG-2009 00:54:46	Bright	51.500	149	45Eps Per	2.8880	30000.0	103	38905	No
14	GOM_NL__2PRFIN20090809_005832_000000472081_00274_38905_6852.N1	09-AUG-2009 00:58:32	Twilight	46.500	28	12Bet Tau	1.6500	15200.0	93	38905	No
15	GOM_NL__2PRFIN20090809_010044_000000432081_00274_38905_6853.N1	09-AUG-2009 01:00:44	Twilight	43.000	176	23Zet Tau	3.0200	22000.0	86	38905	No
16	GOM_NL__2PRFIN20090809_010339_000000732081_00274_38905_6854.N1	09-AUG-2009 01:03:39	Dark	73.000	13	87Alp Tau	0.86700	3800.0	146	38905	No
17	GOM_NL__2PRFIN20090809_010533_000000492081_00274_38905_6855.N1	09-AUG-2009 01:05:33	Dark	48.500	27	24Gam Ori	1.6360	26000.0	97	38905	No
18	GOM_NL__2PRFIN20090809_011010_000000602081_00274_38905_6856.N1	09-AUG-2009 01:10:10	Dark	59.500	7	19Bet Ori	0.10000	14000.0	119	38905	No
19	GOM_NL__2PRFIN20090809_011553_000000602081_00274_38905_6857.N1	09-AUG-2009 01:15:53	Dark	59.500	165	34Gam Eri	2.9500	3200.0	119	38905	No
20	GOM_NL__2PRFIN20090809_012509_000000492081_00275_38906_6853.N1	09-AUG-2009 01:25:09	Dark	49.000	157	The1Eri	2.9060	9300.0	98	38906	No
21	GOM_NL__2PRFIN20090809_013524_000000632081_00275_38906_6854.N1	09-AUG-2009 01:35:24	Straylight	63.000	84	Alp Phe	2.3970	4500.0	126	38906	No
22	GOM_NL__2PRFIN20090809_013849_000000522081_00275_38906_6855.N1	09-AUG-2009 01:38:49	Straylight	52.000	63	Bet Gru	2.1500	2800.0	104	38906	No
23	GOM_NL__2PRFIN20090809_014338_000000602081_00275_38906_6856.N1	09-AUG-2009 01:43:38	Twilight	60.000	18	24Alp PsA	1.1660	9700.0	120	38906	No
24	GOM_NL__2PRFIN20090809_015340_000000472081_00275_38906_6857.N1	09-AUG-2009 01:53:40	Bright	46.500	154	22Bet Aqr	2.8990	5700.0	93	38906	No
25	GOM_NL__2PRFIN20090809_015929_000000492081_00275_38906_6858.N1	09-AUG-2009 01:59:29	Bright	49.000	61	8Eps Peg	2.1000	3900.0	98	38906	No
26	GOM_NL__2PRFIN20090809_020544_000000392081_00275_38906_6859.N1	09-AUG-2009 02:05:44	Bright	39.000	92	53Eps Cyg	2.5000	4500.0	78	38906	No
27	GOM_NL__2PRFIN20090809_020855_000000382081_00275_38906_6860.N1	09-AUG-2009 02:08:55	Bright	38.000	19	50Alp Cyg	1.2460	10500.0	76	38906	No
28	GOM_NL__2PRFIN20090809_021421_000000372081_00275_38906_6861.N1	09-AUG-2009 02:14:21	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	38906	No
29	GOM_NL__2PRFIN20090809_022000_000000502081_00275_38906_6862.N1	09-AUG-2009 02:20:00	Bright	50.000	74	11Bet Cas	2.2680	6600.0	100	38906	No
30	GOM_NL__2PRFIN20090809_022208_000000472081_00275_38906_6863.N1	09-AUG-2009 02:22:08	Bright	47.000	76	27Gam Cas	2.3000	30000.0	94	38906	No
31	GOM_NL__2PRFIN20090809_022905_000000512081_00275_38906_6864.N1	09-AUG-2009 02:29:05	Bright	50.500	160	23Gam Per	2.9300	4700.0	101	38906	No
32	GOM_NL__2PRFIN20090809_023055_000000542081_00275_38906_6865.N1	09-AUG-2009 02:30:55	Bright	54.000	35	33Alp Per	1.7950	6250.0	108	38906	No
33	GOM_NL__2PRFIN20090809_023334_000000582081_00275_38906_6866.N1	09-AUG-2009 02:33:34	Bright	58.000	6	13Alp Aur	0.080000	3400.0	116	38906	No
34	GOM_NL__2PRFIN20090809_023522_000000532081_00275_38906_6867.N1	09-AUG-2009 02:35:22	Bright	52.500	149	45Eps Per	2.8880	30000.0	105	38906	No
35	GOM_NL__2PRFIN20090809_023908_000000482081_00275_38906_6868.N1	09-AUG-2009 02:39:08	Twilight	48.000	28	12Bet Tau	1.6500	15200.0	96	38906	No
36	GOM_NL__2PRFIN20090809_024120_000000442081_00275_38906_6869.N1	09-AUG-2009 02:41:20	Twilight	43.500	176	23Zet Tau	3.0200	22000.0	87	38906	No
37	GOM_NL__2PRFIN20090809_024416_000000712081_00275_38906_6870.N1	09-AUG-2009 02:44:16	Dark	70.500	13	87Alp Tau	0.86700	3800.0	141	38906	No
38	GOM_NL__2PRFIN20090809_024609_000000502081_00275_38906_6871.N1	09-AUG-2009 02:46:09	Dark	50.000	27	24Gam Ori	1.6360	26000.0	100	38906	No
39	GOM_NL__2PRFIN20090809_025047_000000512081_00275_38906_6872.N1	09-AUG-2009 02:50:47	Dark	50.500	7	19Bet Ori	0.10000	14000.0	101	38906	No
40	GOM_NL__2PRFIN20090809_025630_000000642081_00275_38906_6873.N1	09-AUG-2009 02:56:30	Dark	63.500	165	34Gam Eri	2.9500	3200.0	127	38906	No
41	GOM_NL__2PRFIN20090809_030545_000000502081_00276_38907_6867.N1	09-AUG-2009 03:05:45	Dark	49.500	157	The1Eri	2.9060	9300.0	99	38907	No
42	GOM_NL__2PRFIN20090809_031601_000000602081_00276_38907_6868.N1	09-AUG-2009 03:16:01	Straylight	59.500	84	Alp Phe	2.3970	4500.0	119	38907	No

43	GOM_NL__2PRFIN20090809_031926_000000462081_00276_38907_6869.N1	09-AUG-2009 03:19:26	Straylight	46.000	63	Bet Gru	2.1500	2800.0	92	38907	No
44	GOM_NL__2PRFIN20090809_032414_000000582081_00276_38907_6870.N1	09-AUG-2009 03:24:14	Twilight_stray	57.500	18	24Alp PsA	1.1660	9700.0	115	38907	No
45	GOM_NL__2PRFIN20090809_033416_000000462081_00276_38907_6871.N1	09-AUG-2009 03:34:16	Bright	46.000	154	22Bet Aqr	2.8990	5700.0	92	38907	No
46	GOM_NL__2PRFIN20090809_034005_000000532081_00276_38907_6872.N1	09-AUG-2009 03:40:05	Bright	52.500	61	8Eps Peg	2.1000	3900.0	105	38907	No
47	GOM_NL__2PRFIN20090809_034619_000000412081_00276_38907_6873.N1	09-AUG-2009 03:46:19	Bright	41.000	92	53Eps Cyg	2.5000	4500.0	82	38907	No
48	GOM_NL__2PRFIN20090809_034931_000000402081_00276_38907_6874.N1	09-AUG-2009 03:49:31	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	38907	No
49	GOM_NL__2PRFIN20090809_035456_000000382081_00276_38907_6875.N1	09-AUG-2009 03:54:56	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	38907	No
50	GOM_NL__2PRFIN20090809_040035_000000492081_00276_38907_6876.N1	09-AUG-2009 04:00:35	Bright	49.000	74	11Bet Cas	2.2680	6600.0	98	38907	No
51	GOM_NL__2PRFIN20090809_040244_000000482081_00276_38907_6877.N1	09-AUG-2009 04:02:44	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	38907	No
52	GOM_NL__2PRFIN20090809_040940_000000652081_00276_38907_6878.N1	09-AUG-2009 04:09:40	Bright	65.000	160	23Gam Per	2.9300	4700.0	130	38907	No
53	GOM_NL__2PRFIN20090809_041130_000000572081_00276_38907_6879.N1	09-AUG-2009 04:11:30	Bright	57.000	35	33Alp Per	1.7950	6250.0	114	38907	No
54	GOM_NL__2PRFIN20090809_041409_000000472081_00276_38907_6880.N1	09-AUG-2009 04:14:09	Bright	46.500	6	13Alp Aur	0.080000	3400.0	93	38907	No
55	GOM_NL__2PRFIN20090809_041558_000000522081_00276_38907_6881.N1	09-AUG-2009 04:15:58	Bright	52.000	149	45Eps Per	2.8880	30000.	104	38907	No
56	GOM_NL__2PRFIN20090809_041944_000000462081_00276_38907_6882.N1	09-AUG-2009 04:19:44	Twilight_stray	46.000	28	12Bet Tau	1.6500	15200.	92	38907	No
57	GOM_NL__2PRFIN20090809_042157_000000412081_00276_38907_6883.N1	09-AUG-2009 04:21:57	Twilight_stray	41.000	176	23Zet Tau	3.0200	22000.	82	38907	No
58	GOM_NL__2PRFIN20090809_042452_000000652081_00276_38907_6884.N1	09-AUG-2009 04:24:52	Dark	64.500	13	87Alp Tau	0.86700	3800.0	129	38907	No
59	GOM_NL__2PRFIN20090809_042645_000000462081_00276_38907_6885.N1	09-AUG-2009 04:26:45	Dark	45.500	27	24Gam Ori	1.6360	26000.	91	38907	No
60	GOM_NL__2PRFIN20090809_043124_000000572081_00276_38907_6886.N1	09-AUG-2009 04:31:24	Dark	56.500	7	19Bet Ori	0.10000	14000.	113	38907	No
61	GOM_NL__2PRFIN20090809_043707_000000652081_00276_38907_6887.N1	09-AUG-2009 04:37:07	Dark	65.000	165	34Gam Eri	2.9500	3200.0	130	38907	No
62	GOM_NL__2PRFIN20090809_044622_000000502081_00277_38908_6881.N1	09-AUG-2009 04:46:22	Dark	50.000	157	The1Eri	2.9060	9300.0	100	38908	No
63	GOM_NL__2PRFIN20090809_045637_000000572081_00277_38908_6882.N1	09-AUG-2009 04:56:37	Straylight	56.500	84	Alp Phe	2.3970	4500.0	113	38908	No
64	GOM_NL__2PRFIN20090809_050002_000000482081_00277_38908_6883.N1	09-AUG-2009 05:00:02	Straylight	48.000	63	Bet Gru	2.1500	2800.0	96	38908	No
65	GOM_NL__2PRFIN20090809_050451_000000572081_00277_38908_6884.N1	09-AUG-2009 05:04:51	Twilight_stray	57.000	18	24Alp PsA	1.1660	9700.0	114	38908	No
66	GOM_NL__2PRFIN20090809_051107_000000482081_00277_38908_6885.N1	09-AUG-2009 05:11:07	Bright	48.000	142	49Del Cap	2.8500	8900.0	96	38908	No
67	GOM_NL__2PRFIN20090809_051452_000000652081_00277_38908_6886.N1	09-AUG-2009 05:14:52	Bright	65.000	154	22Bet Aqr	2.8990	5700.0	130	38908	No
68	GOM_NL__2PRFIN20090809_052040_000000492081_00277_38908_6887.N1	09-AUG-2009 05:20:40	Bright	48.500	61	8Eps Peg	2.1000	3900.0	97	38908	No
69	GOM_NL__2PRFIN20090809_052655_000000412081_00277_38908_6888.N1	09-AUG-2009 05:26:55	Bright	41.000	92	53Eps Cyg	2.5000	4500.0	82	38908	No
70	GOM_NL__2PRFIN20090809_053006_000000412081_00277_38908_6889.N1	09-AUG-2009 05:30:06	Bright	40.500	19	50Alp Cyg	1.2460	10500.	81	38908	No
71	GOM_NL__2PRFIN20090809_053532_000000572081_00277_38908_6890.N1	09-AUG-2009 05:35:32	Bright	57.000	89	5Alp Cep	2.4510	8000.0	114	38908	No
72	GOM_NL__2PRFIN20090809_054110_000000502081_00277_38908_6891.N1	09-AUG-2009 05:41:10	Bright	50.000	74	11Bet Cas	2.2680	6600.0	100	38908	No
73	GOM_NL__2PRFIN20090809_054319_000000502081_00277_38908_6892.N1	09-AUG-2009 05:43:19	Bright	50.000	76	27Gam Cas	2.3000	30000.	100	38908	No
74	GOM_NL__2PRFIN20090809_055016_000000522081_00277_38908_6893.N1	09-AUG-2009 05:50:16	Bright	51.500	160	23Gam Per	2.9300	4700.0	103	38908	No
75	GOM_NL__2PRFIN20090809_055206_000000522081_00277_38908_6894.N1	09-AUG-2009 05:52:06	Bright	51.500	35	33Alp Per	1.7950	6250.0	103	38908	No
76	GOM_NL__2PRFIN20090809_055445_000000492081_00277_38908_6895.N1	09-AUG-2009 05:54:45	Bright	48.500	6	13Alp Aur	0.080000	3400.0	97	38908	No
77	GOM_NL__2PRFIN20090809_055633_000000552081_00277_38908_6896.N1	09-AUG-2009 05:56:33	Bright	54.500	149	45Eps Per	2.8880	30000.	109	38908	No
78	GOM_NL__2PRFIN20090809_060021_000000502081_00277_38908_6897.N1	09-AUG-2009 06:00:21	Twilight_stray	50.000	28	12Bet Tau	1.6500	15200.	100	38908	No
79	GOM_NL__2PRFIN20090809_060233_000000432081_00277_38908_6898.N1	09-AUG-2009 06:02:33	Twilight_stray	42.500	176	23Zet Tau	3.0200	22000.	85	38908	No
80	GOM_NL__2PRFIN20090809_060529_000000682081_00277_38908_6899.N1	09-AUG-2009 06:05:29	Dark	67.500	13	87Alp Tau	0.86700	3800.0	135	38908	No
81	GOM_NL__2PRFIN20090809_060722_000000492081_00277_38908_6900.N1	09-AUG-2009 06:07:22	Dark	48.500	27	24Gam Ori	1.6360	26000.	97	38908	No
82	GOM_NL__2PRFIN20090809_061200_000000552081_00277_38908_6901.N1	09-AUG-2009 06:12:00	Dark	54.500	7	19Bet Ori	0.10000	14000.	109	38908	No
83	GOM_NL__2PRFIN20090809_061744_000000642081_00277_38908_6902.N1	09-AUG-2009 06:17:44	Dark	63.500	165	34Gam Eri	2.9500	3200.0	127	38908	No
84	GOM_NL__2PRFIN20090809_062700_000000492081_00278_38909_6894.N1	09-AUG-2009 06:27:00	Dark	48.500	157	The1Eri	2.9060	9300.0	97	38909	No
85	GOM_NL__2PRFIN20090809_063715_000000532081_00278_38909_6895.N1	09-AUG-2009 06:37:15	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	38909	No
86	GOM_NL__2PRFIN20090809_064039_000000562081_00278_38909_6896.N1	09-AUG-2009 06:40:39	Straylight	56.000	63	Bet Gru	2.1500	2800.0	112	38909	No
87	GOM_NL__2PRFIN20090809_064527_000000582081_00278_38909_6897.N1	09-AUG-2009 06:45:27	Twilight_stray	57.500	18	24Alp PsA	1.1660	9700.0	115	38909	No
88	GOM_NL__2PRFIN20090809_065143_000000472081_00278_38909_6898.N1	09-AUG-2009 06:51:43	Bright	47.000	142	49Del Cap	2.8500	8900.0	94	38909	No
89	GOM_NL__2PRFIN20090809_065528_000000462081_00278_38909_6899.N1	09-AUG-2009 06:55:28	Bright	45.500	154	22Bet Aqr	2.8990	5700.0	91	38909	No
90	GOM_NL__2PRFIN20090809_070116_000000522081_00278_38909_6900.N1	09-AUG-2009 07:01:16	Bright	51.500	61	8Eps Peg	2.1000	3900.0	103	38909	No
91	GOM_NL__2PRFIN20090809_070731_000000412081_00278_38909_6901.N1	09-AUG-2009 07:07:31	Bright	41.000	92	53Eps Cyg	2.5000	4500.0	82	38909	No
92	GOM_NL__2PRFIN20090809_071042_000000392081_00278_38909_6902.N1	09-AUG-2009 07:10:42	Bright	39.000	19	50Alp Cyg	1.2460	10500.	78	38909	No
93	GOM_NL__2PRFIN20090809_071608_000000392081_00278_38909_6903.N1	09-AUG-2009 07:16:08	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	38909	No
94	GOM_NL__2PRFIN20090809_072145_000000512081_00278_38909_6904.N1	09-AUG-2009 07:21:45	Bright	51.000	74	11Bet Cas	2.2680	6600.0	102	38909	No
95	GOM_NL__2PRFIN20090809_072354_000000512081_00278_38909_6905.N1	09-AUG-2009 07:23:54	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	38909	No
96	GOM_NL__2PRFIN20090809_073051_000000502081_00278_38909_6906.N1	09-AUG-2009 07:30:51	Bright	50.000	160	23Gam Per	2.9300	4700.0	100	38909	No
97	GOM_NL__2PRFIN20090809_073241_000000562081_00278_38909_6907.N1	09-AUG-2009 07:32:41	Bright	56.000	35	33Alp Per	1.7950	6250.0	112	38909	No
98	GOM_NL__2PRFIN20090809_073521_000000492081_00278_38909_6908.N1	09-AUG-2009 07:35:21	Bright	48.500	6	13Alp Aur	0.080000	3400.0	97	38909	No
99	GOM_NL__2PRFIN20090809_073709_000000522081_00278_38909_6909.N1	09-AUG-2009 07:37:09	Bright	51.500	149	45Eps Per	2.8880	30000.	103	38909	No
100	GOM_NL__2PRFIN20090809_074057_000000452081_00278_38909_6910.N1	09-AUG-2009 07:40:57	Twilight_stray	44.500	28	12Bet Tau	1.6500	15200.	89	38909	No
101	GOM_NL__2PRFIN20090809_074309_000000452081_00278_38909_6911.N1	09-AUG-2009 07:43:09	Twilight_stray	45.000	176	23Zet Tau	3.0200	22000.	90	38909	No

102	GOM_NL__2PRFIN20090809_074605_000000692081_00278_38909_6912.N1	09-AUG-2009 07:46:05	Dark	69.000	13	87Alp Tau	0.86700	3800.0	138	38909	No
103	GOM_NL__2PRFIN20090809_074758_000000472081_00278_38909_6913.N1	09-AUG-2009 07:47:58	Dark	47.000	27	24Gam Ori	1.6360	26000.	94	38909	No
104	GOM_NL__2PRFIN20090809_075237_000000532081_00278_38909_6914.N1	09-AUG-2009 07:52:37	Dark	53.000	7	19Bet Ori	0.10000	14000.	106	38909	No
105	GOM_NL__2PRFIN20090809_075822_000000692081_00278_38909_6915.N1	09-AUG-2009 07:58:22	Dark	69.000	165	34Gam Eri	2.9500	3200.0	138	38909	No
106	GOM_NL__2PRFIN20090809_080737_000000502081_00279_38910_6927.N1	09-AUG-2009 08:07:37	Dark	49.500	157	The1Eri	2.9060	9300.0	99	38910	No
107	GOM_NL__2PRFIN20090809_081751_000000552081_00279_38910_6928.N1	09-AUG-2009 08:17:51	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	38910	No
108	GOM_NL__2PRFIN20090809_082115_000000542081_00279_38910_6929.N1	09-AUG-2009 08:21:15	Straylight	53.500	63	Bet Gru	2.1500	2800.0	107	38910	No
109	GOM_NL__2PRFIN20090809_082604_000000582081_00279_38910_6930.N1	09-AUG-2009 08:26:04	Twi_and_stray	58.000	18	24Alp PsA	1.1660	9700.0	116	38910	No
110	GOM_NL__2PRFIN20090809_083219_000000462081_00279_38910_6931.N1	09-AUG-2009 08:32:19	Bright	46.000	142	49Del Cap	2.8500	8900.0	92	38910	No
111	GOM_NL__2PRFIN20090809_083603_000000452081_00279_38910_6932.N1	09-AUG-2009 08:36:03	Bright	45.000	154	22Bet Aqr	2.8990	5700.0	90	38910	No
112	GOM_NL__2PRFIN20090809_084151_000000522081_00279_38910_6933.N1	09-AUG-2009 08:41:51	Bright	51.500	61	8Eps Peg	2.1000	3900.0	103	38910	No
113	GOM_NL__2PRFIN20090809_084806_000000402081_00279_38910_6934.N1	09-AUG-2009 08:48:06	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	38910	No
114	GOM_NL__2PRFIN20090809_085118_000000402081_00279_38910_6935.N1	09-AUG-2009 08:51:18	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	38910	No
115	GOM_NL__2PRFIN20090809_085643_000000392081_00279_38910_6936.N1	09-AUG-2009 08:56:43	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	38910	No
116	GOM_NL__2PRFIN20090809_090220_000000502081_00279_38910_6937.N1	09-AUG-2009 09:02:20	Bright	50.000	74	11Bet Cas	2.2680	6600.0	100	38910	No
117	GOM_NL__2PRFIN20090809_090429_000000502081_00279_38910_6938.N1	09-AUG-2009 09:04:29	Bright	49.500	76	27Gam Cas	2.3000	30000.	99	38910	No
118	GOM_NL__2PRFIN20090809_091126_000000742081_00279_38910_6939.N1	09-AUG-2009 09:11:26	Bright	74.000	160	23Gam Per	2.9300	4700.0	148	38910	No
119	GOM_NL__2PRFIN20090809_091317_000000572081_00279_38910_6940.N1	09-AUG-2009 09:13:17	Bright	56.500	35	33Alp Per	1.7950	6250.0	113	38910	No
120	GOM_NL__2PRFIN20090809_091557_000000462081_00279_38910_6941.N1	09-AUG-2009 09:15:57	Bright	45.500	6	13Alp Aur	0.080000	3400.0	91	38910	No
121	GOM_NL__2PRFIN20090809_091745_000000542081_00279_38910_6942.N1	09-AUG-2009 09:17:45	Bright	54.000	149	45Eps Per	2.8880	30000.	108	38910	No
122	GOM_NL__2PRFIN20090809_092133_000000472081_00279_38910_6943.N1	09-AUG-2009 09:21:33	Twi_and_stray	47.000	28	12Bet Tau	1.6500	15200.	94	38910	No
123	GOM_NL__2PRFIN20090809_092345_000000452081_00279_38910_6944.N1	09-AUG-2009 09:23:45	Twi_and_stray	45.000	176	23Zet Tau	3.0200	22000.	90	38910	No
124	GOM_NL__2PRFIN20090809_092642_000000722081_00279_38910_6945.N1	09-AUG-2009 09:26:42	Dark	72.000	13	87Alp Tau	0.86700	3800.0	144	38910	No
125	GOM_NL__2PRFIN20090809_092834_000000452081_00279_38910_6946.N1	09-AUG-2009 09:28:34	Dark	45.000	27	24Gam Ori	1.6360	26000.	90	38910	No
126	GOM_NL__2PRFIN20090809_093313_000000492081_00279_38910_6947.N1	09-AUG-2009 09:33:13	Dark	48.500	7	19Bet Ori	0.10000	14000.	97	38910	No
127	GOM_NL__2PRFIN20090809_093859_000000582081_00279_38910_6948.N1	09-AUG-2009 09:38:59	Dark	58.000	165	34Gam Eri	2.9500	3200.0	116	38910	No
128	GOM_NL__2PRFIN20090809_094814_000000492081_00280_38911_6941.N1	09-AUG-2009 09:48:14	Dark	49.000	157	The1Eri	2.9060	9300.0	98	38911	No
129	GOM_NL__2PRFIN20090809_095828_000000552081_00280_38911_6942.N1	09-AUG-2009 09:58:28	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	38911	No
130	GOM_NL__2PRFIN20090809_100151_000000552081_00280_38911_6943.N1	09-AUG-2009 10:01:51	Straylight	54.500	63	Bet Gru	2.1500	2800.0	109	38911	No
131	GOM_NL__2PRFIN20090809_100640_000000582081_00280_38911_6944.N1	09-AUG-2009 10:06:40	Twi_and_stray	58.000	18	24Alp PsA	1.1660	9700.0	116	38911	No
132	GOM_NL__2PRFIN20090809_101255_000000432081_00280_38911_6945.N1	09-AUG-2009 10:12:55	Bright	43.000	142	49Del Cap	2.8500	8900.0	86	38911	No
133	GOM_NL__2PRFIN20090809_101639_000000462081_00280_38911_6946.N1	09-AUG-2009 10:16:39	Bright	45.500	154	22Bet Aqr	2.8990	5700.0	91	38911	No
134	GOM_NL__2PRFIN20090809_102226_000000502081_00280_38911_6947.N1	09-AUG-2009 10:22:26	Bright	50.000	61	8Eps Peg	2.1000	3900.0	100	38911	No
135	GOM_NL__2PRFIN20090809_102842_000000392081_00280_38911_6948.N1	09-AUG-2009 10:28:42	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	38911	No
136	GOM_NL__2PRFIN20090809_103153_000000402081_00280_38911_6949.N1	09-AUG-2009 10:31:53	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	38911	No
137	GOM_NL__2PRFIN20090809_103719_000000392081_00280_38911_6950.N1	09-AUG-2009 10:37:19	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	38911	No
138	GOM_NL__2PRFIN20090809_104255_000000482081_00280_38911_6951.N1	09-AUG-2009 10:42:55	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	38911	No
139	GOM_NL__2PRFIN20090809_104504_000000512081_00280_38911_6952.N1	09-AUG-2009 10:45:04	Bright	51.000	76	27Gam Cas	2.3000	30000.	102	38911	No
140	GOM_NL__2PRFIN20090809_105202_000000502081_00280_38911_6953.N1	09-AUG-2009 10:52:02	Bright	49.500	160	23Gam Per	2.9300	4700.0	99	38911	No
141	GOM_NL__2PRFIN20090809_105352_000000532081_00280_38911_6954.N1	09-AUG-2009 10:53:52	Bright	52.500	35	33Alp Per	1.7950	6250.0	105	38911	No
142	GOM_NL__2PRFIN20090809_105633_000000462081_00280_38911_6955.N1	09-AUG-2009 10:56:33	Bright	45.500	6	13Alp Aur	0.080000	3400.0	91	38911	No
143	GOM_NL__2PRFIN20090809_105821_000000552081_00280_38911_6956.N1	09-AUG-2009 10:58:21	Bright	55.000	149	45Eps Per	2.8880	30000.	110	38911	No
144	GOM_NL__2PRFIN20090809_110209_000000482081_00280_38911_6957.N1	09-AUG-2009 11:02:09	Twi_and_stray	47.500	28	12Bet Tau	1.6500	15200.	95	38911	No
145	GOM_NL__2PRFIN20090809_110421_000000442081_00280_38911_6958.N1	09-AUG-2009 11:04:21	Twi_and_stray	44.000	176	23Zet Tau	3.0200	22000.	88	38911	No
146	GOM_NL__2PRFIN20090809_110718_000000732081_00280_38911_6959.N1	09-AUG-2009 11:07:18	Dark	73.000	13	87Alp Tau	0.86700	3800.0	146	38911	No
147	GOM_NL__2PRFIN20090809_110911_000000412081_00280_38911_6960.N1	09-AUG-2009 11:09:11	Dark	41.000	27	24Gam Ori	1.6360	26000.	82	38911	No
148	GOM_NL__2PRFIN20090809_111350_000000492081_00280_38911_6961.N1	09-AUG-2009 11:13:50	Dark	48.500	7	19Bet Ori	0.10000	14000.	97	38911	No
149	GOM_NL__2PRFIN20090809_111936_000000672081_00280_38911_6962.N1	09-AUG-2009 11:19:36	Dark	66.500	165	34Gam Eri	2.9500	3200.0	133	38911	No
150	GOM_NL__2PRFIN20090809_112851_000000482081_00281_38912_6956.N1	09-AUG-2009 11:28:51	Dark	47.500	157	The1Eri	2.9060	9300.0	95	38912	No
151	GOM_NL__2PRFIN20090809_113905_000000542081_00281_38912_6957.N1	09-AUG-2009 11:39:05	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	38912	No
152	GOM_NL__2PRFIN20090809_114228_000000472081_00281_38912_6958.N1	09-AUG-2009 11:42:28	Straylight	47.000	63	Bet Gru	2.1500	2800.0	94	38912	No
153	GOM_NL__2PRFIN20090809_114716_000000592081_00281_38912_6959.N1	09-AUG-2009 11:47:16	Twi_and_stray	58.500	18	24Alp PsA	1.1660	9700.0	117	38912	No
154	GOM_NL__2PRFIN20090809_115715_000000452081_00281_38912_6960.N1	09-AUG-2009 11:57:15	Bright	45.000	154	22Bet Aqr	2.8990	5700.0	90	38912	No
155	GOM_NL__2PRFIN20090809_120302_000000512081_00281_38912_6961.N1	09-AUG-2009 12:03:02	Bright	51.000	61	8Eps Peg	2.1000	3900.0	102	38912	No
156	GOM_NL__2PRFIN20090809_120917_000000392081_00281_38912_6962.N1	09-AUG-2009 12:09:17	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	38912	No
157	GOM_NL__2PRFIN20090809_121229_000000572081_00281_38912_6963.N1	09-AUG-2009 12:12:29	Bright	57.000	19	50Alp Cyg	1.2460	10500.	114	38912	No
158	GOM_NL__2PRFIN20090809_121754_000000402081_00281_38912_6964.N1	09-AUG-2009 12:17:54	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	38912	No
159	GOM_NL__2PRFIN20090809_122331_000000482081_00281_38912_6965.N1	09-AUG-2009 12:23:31	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	38912	No
160	GOM_NL__2PRFIN20090809_122539_000000482081_00281_38912_6966.N1	09-AUG-2009 12:25:39	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	38912	No



161	GOM_NL__2PRFIN20090809_123237_000000502081_00281_38912_6967.N1	09-AUG-2009 12:32:37	Bright	50.000	160	23Gam Per	2.9300	4700.0	100	38912	No
162	GOM_NL__2PRFIN20090809_123428_000000552081_00281_38912_6968.N1	09-AUG-2009 12:34:28	Bright	54.500	35	33Alp Per	1.7950	6250.0	109	38912	No
163	GOM_NL__2PRFIN20090809_123709_000000472081_00281_38912_6969.N1	09-AUG-2009 12:37:09	Bright	46.500	6	13Alp Aur	0.080000	3400.0	93	38912	No
164	GOM_NL__2PRFIN20090809_123857_000000532081_00281_38912_6970.N1	09-AUG-2009 12:38:57	Bright	52.500	149	45Eps Per	2.8880	30000.	105	38912	No
165	GOM_NL__2PRFIN20090809_124245_000000492081_00281_38912_6971.N1	09-AUG-2009 12:42:45	Tw_i_and_stray	49.000	28	12Bet Tau	1.6500	15200.	98	38912	No
166	GOM_NL__2PRFIN20090809_124458_000000422081_00281_38912_6972.N1	09-AUG-2009 12:44:58	Tw_i_and_stray	42.000	176	23Zet Tau	3.0200	22000.	84	38912	No
167	GOM_NL__2PRFIN20090809_124755_000000632081_00281_38912_6973.N1	09-AUG-2009 12:47:55	Dark	62.500	13	87Alp Tau	0.86700	3800.0	125	38912	No
168	GOM_NL__2PRFIN20090809_124947_000000472081_00281_38912_6974.N1	09-AUG-2009 12:49:47	Dark	46.500	27	24Gam Ori	1.6360	26000.	93	38912	No
169	GOM_NL__2PRFIN20090809_125426_000000522081_00281_38912_6975.N1	09-AUG-2009 12:54:26	Dark	51.500	7	19Bet Ori	0.10000	14000.	103	38912	No
170	GOM_NL__2PRFIN20090809_130013_000000652081_00281_38912_6976.N1	09-AUG-2009 13:00:13	Dark	65.000	165	34Gam Eri	2.9500	3200.0	130	38912	No
171	GOM_NL__2PRFIN20090809_130928_000000482081_00282_38913_6973.N1	09-AUG-2009 13:09:28	Dark	48.000	157	The1Eri	2.9060	9300.0	96	38913	No
172	GOM_NL__2PRFIN20090809_131942_000000522081_00282_38913_6974.N1	09-AUG-2009 13:19:42	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	38913	No
173	GOM_NL__2PRFIN20090809_132304_000000472081_00282_38913_6975.N1	09-AUG-2009 13:23:04	Straylight	47.000	63	Bet Gru	2.1500	2800.0	94	38913	No
174	GOM_NL__2PRFIN20090809_132753_000000572081_00282_38913_6976.N1	09-AUG-2009 13:27:53	Tw_i_and_stray	57.000	18	24Alp PsA	1.1660	9700.0	114	38913	No
175	GOM_NL__2PRFIN20090809_133751_000000432081_00282_38913_6977.N1	09-AUG-2009 13:37:51	Bright	43.000	154	22Bet Aqr	2.8990	5700.0	86	38913	No
176	GOM_NL__2PRFIN20090809_134337_000000502081_00282_38913_6978.N1	09-AUG-2009 13:43:37	Bright	49.500	61	8Eps Peg	2.1000	3900.0	99	38913	No
177	GOM_NL__2PRFIN20090809_134953_000000402081_00282_38913_6979.N1	09-AUG-2009 13:49:53	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	38913	No
178	GOM_NL__2PRFIN20090809_135304_000000402081_00282_38913_6980.N1	09-AUG-2009 13:53:04	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	38913	No
179	GOM_NL__2PRFIN20090809_135830_000000402081_00282_38913_6981.N1	09-AUG-2009 13:58:30	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	38913	No
180	GOM_NL__2PRFIN20090809_140406_000000472081_00282_38913_6982.N1	09-AUG-2009 14:04:06	Bright	47.000	74	11Bet Cas	2.2680	6600.0	94	38913	No
181	GOM_NL__2PRFIN20090809_140614_000000472081_00282_38913_6983.N1	09-AUG-2009 14:06:14	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	38913	No
182	GOM_NL__2PRFIN20090809_141313_000000502081_00282_38913_6984.N1	09-AUG-2009 14:13:13	Bright	50.000	160	23Gam Per	2.9300	4700.0	100	38913	No
183	GOM_NL__2PRFIN20090809_141504_000000532081_00282_38913_6985.N1	09-AUG-2009 14:15:04	Bright	53.000	35	33Alp Per	1.7950	6250.0	106	38913	No
184	GOM_NL__2PRFIN20090809_141745_000000592081_00282_38913_6986.N1	09-AUG-2009 14:17:45	Bright	59.000	6	13Alp Aur	0.080000	3400.0	118	38913	No
185	GOM_NL__2PRFIN20090809_141932_000000542081_00282_38913_6987.N1	09-AUG-2009 14:19:32	Bright	54.000	149	45Eps Per	2.8880	30000.	108	38913	No
186	GOM_NL__2PRFIN20090809_142321_000000472081_00282_38913_6988.N1	09-AUG-2009 14:23:21	Tw_i_and_stray	46.500	28	12Bet Tau	1.6500	15200.	93	38913	No
187	GOM_NL__2PRFIN20090809_142534_000000412081_00282_38913_6989.N1	09-AUG-2009 14:25:34	Tw_i_and_stray	40.500	176	23Zet Tau	3.0200	22000.	81	38913	No
188	GOM_NL__2PRFIN20090809_142831_000000632081_00282_38913_6990.N1	09-AUG-2009 14:28:31	Dark	62.500	13	87Alp Tau	0.86700	3800.0	125	38913	No
189	GOM_NL__2PRFIN20090809_143024_000000472081_00282_38913_6991.N1	09-AUG-2009 14:30:24	Dark	47.000	27	24Gam Ori	1.6360	26000.	94	38913	No
190	GOM_NL__2PRFIN20090809_143503_000000522081_00282_38913_6992.N1	09-AUG-2009 14:35:03	Dark	51.500	7	19Bet Ori	0.10000	14000.	103	38913	No
191	GOM_NL__2PRFIN20090809_144051_000000672081_00282_38913_6993.N1	09-AUG-2009 14:40:51	Dark	66.500	165	34Gam Eri	2.9500	3200.0	133	38913	No
192	GOM_NL__2PRFIN20090809_145005_000000492081_00283_38914_6987.N1	09-AUG-2009 14:50:05	Dark	49.000	157	The1Eri	2.9060	9300.0	98	38914	No
193	GOM_NL__2PRFIN20090809_150019_000000562081_00283_38914_6988.N1	09-AUG-2009 15:00:19	Straylight	56.000	84	Alp Phe	2.3970	4500.0	112	38914	No
194	GOM_NL__2PRFIN20090809_150341_000000492081_00283_38914_6989.N1	09-AUG-2009 15:03:41	Straylight	48.500	63	Bet Gru	2.1500	2800.0	97	38914	No
195	GOM_NL__2PRFIN20090809_150829_000000562081_00283_38914_6990.N1	09-AUG-2009 15:08:29	Tw_i_and_stray	55.500	18	24Alp PsA	1.1660	9700.0	111	38914	No
196	GOM_NL__2PRFIN20090809_151827_000000432081_00283_38914_6991.N1	09-AUG-2009 15:18:27	Bright	43.000	154	22Bet Aqr	2.8990	5700.0	86	38914	No
197	GOM_NL__2PRFIN20090809_152413_000000512081_00283_38914_6992.N1	09-AUG-2009 15:24:13	Bright	50.500	61	8Eps Peg	2.1000	3900.0	101	38914	No
198	GOM_NL__2PRFIN20090809_153028_000000382081_00283_38914_6993.N1	09-AUG-2009 15:30:28	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	38914	No
199	GOM_NL__2PRFIN20090809_153340_000000402081_00283_38914_6994.N1	09-AUG-2009 15:33:40	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	38914	No
200	GOM_NL__2PRFIN20090809_153905_000000402081_00283_38914_6995.N1	09-AUG-2009 15:39:05	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	38914	No
201	GOM_NL__2PRFIN20090809_154441_000000502081_00283_38914_6996.N1	09-AUG-2009 15:44:41	Bright	50.000	74	11Bet Cas	2.2680	6600.0	100	38914	No
202	GOM_NL__2PRFIN20090809_154650_000000472081_00283_38914_6997.N1	09-AUG-2009 15:46:50	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	38914	No
203	GOM_NL__2PRFIN20090809_155348_000000742081_00283_38914_6998.N1	09-AUG-2009 15:53:48	Bright	74.000	160	23Gam Per	2.9300	4700.0	148	38914	No
204	GOM_NL__2PRFIN20090809_155539_000000552081_00283_38914_6999.N1	09-AUG-2009 15:55:39	Bright	55.000	35	33Alp Per	1.7950	6250.0	110	38914	No
205	GOM_NL__2PRFIN20090809_155821_000000592081_00283_38914_7000.N1	09-AUG-2009 15:58:21	Bright	59.000	6	13Alp Aur	0.080000	3400.0	118	38914	No
206	GOM_NL__2PRFIN20090809_160008_000000572081_00283_38914_7001.N1	09-AUG-2009 16:00:08	Bright	56.500	149	45Eps Per	2.8880	30000.	113	38914	No
207	GOM_NL__2PRFIN20090809_160357_000000462081_00283_38914_7002.N1	09-AUG-2009 16:03:57	Tw_i_and_stray	45.500	28	12Bet Tau	1.6500	15200.	91	38914	No
208	GOM_NL__2PRFIN20090809_160610_000000452081_00283_38914_7003.N1	09-AUG-2009 16:06:10	Tw_i_and_stray	44.500	176	23Zet Tau	3.0200	22000.	89	38914	No
209	GOM_NL__2PRFIN20090809_160908_000000742081_00283_38914_7004.N1	09-AUG-2009 16:09:08	Dark	74.000	13	87Alp Tau	0.86700	3800.0	148	38914	No
210	GOM_NL__2PRFIN20090809_161100_000000492081_00283_38914_7005.N1	09-AUG-2009 16:11:00	Dark	49.000	27	24Gam Ori	1.6360	26000.	98	38914	No
211	GOM_NL__2PRFIN20090809_161247_000000442081_00283_38914_7006.N1	09-AUG-2009 16:12:47	Dark	43.500	72	34Del Ori	2.2500	30000.	87	38914	No
212	GOM_NL__2PRFIN20090809_161539_000000502081_00283_38914_7007.N1	09-AUG-2009 16:15:39	Dark	50.000	7	19Bet Ori	0.10000	14000.	100	38914	No
213	GOM_NL__2PRFIN20090809_162128_000000652081_00283_38914_7008.N1	09-AUG-2009 16:21:28	Dark	64.500	165	34Gam Eri	2.9500	3200.0	129	38914	No
214	GOM_NL__2PRFIN20090809_163042_000000502081_00284_38915_7002.N1	09-AUG-2009 16:30:42	Dark	50.000	157	The1Eri	2.9060	9300.0	100	38915	No
215	GOM_NL__2PRFIN20090809_164056_000000522081_00284_38915_7003.N1	09-AUG-2009 16:40:56	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	38915	No
216	GOM_NL__2PRFIN20090809_164417_000000512081_00284_38915_7004.N1	09-AUG-2009 16:44:17	Straylight	51.000	63	Bet Gru	2.1500	2800.0	102	38915	No
217	GOM_NL__2PRFIN20090809_164906_000000562081_00284_38915_7005.N1	09-AUG-2009 16:49:06	Tw_i_and_stray	56.000	18	24Alp PsA	1.1660	9700.0	112	38915	No
218	GOM_NL__2PRFIN20090809_165902_000000652081_00284_38915_7006.N1	09-AUG-2009 16:59:02	Bright	65.000	154	22Bet Aqr	2.8990	5700.0	130	38915	No
219	GOM_NL__2PRFIN20090809_170448_000000722081_00284_38915_7007.N1	09-AUG-2009 17:04:48	Bright	72.000	61	8Eps Peg	2.1000	3900.0	144	38915	No

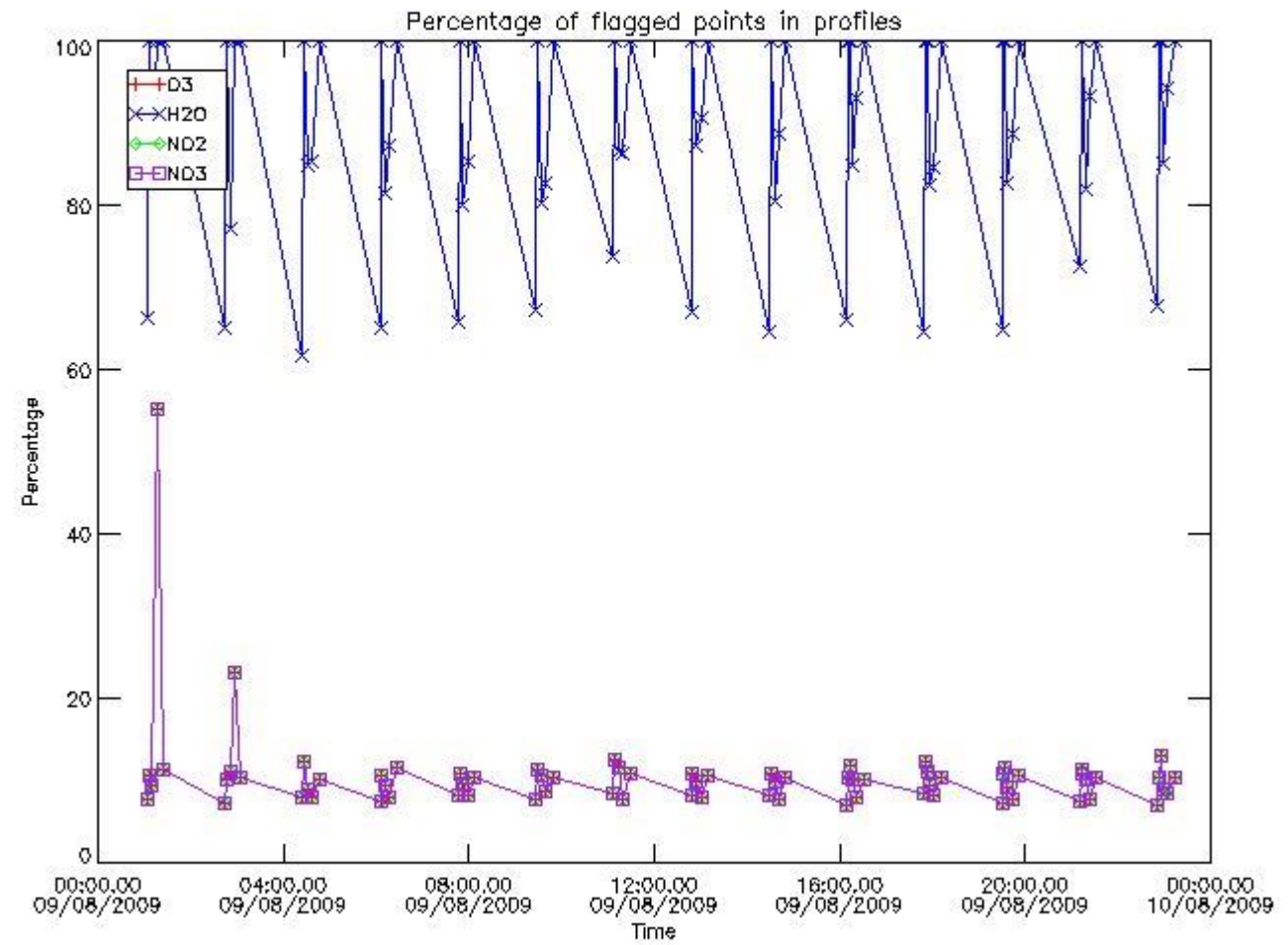
220	GOM_NL__2PRFIN20090809_171104_000000392081_00284_38915_7008.N1	09-AUG-2009 17:11:04	Bright	39.000	92	53Eps Cyg	2.5000	4500.0	78	38915	No
221	GOM_NL__2PRFIN20090809_171415_000000572081_00284_38915_7009.N1	09-AUG-2009 17:14:15	Bright	57.000	19	50Alp Cyg	1.2460	10500.	114	38915	No
222	GOM_NL__2PRFIN20090809_171941_000000402081_00284_38915_7010.N1	09-AUG-2009 17:19:41	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	38915	No
223	GOM_NL__2PRFIN20090809_172516_000000502081_00284_38915_7011.N1	09-AUG-2009 17:25:16	Bright	50.000	74	11Bet Cas	2.2680	6600.0	100	38915	No
224	GOM_NL__2PRFIN20090809_172725_000000482081_00284_38915_7012.N1	09-AUG-2009 17:27:25	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	38915	No
225	GOM_NL__2PRFIN20090809_173424_000000742081_00284_38915_7013.N1	09-AUG-2009 17:34:24	Bright	74.000	160	23Gam Per	2.9300	4700.0	148	38915	No
226	GOM_NL__2PRFIN20090809_173615_000000562081_00284_38915_7014.N1	09-AUG-2009 17:36:15	Bright	55.500	35	33Alp Per	1.7950	6250.0	111	38915	No
227	GOM_NL__2PRFIN20090809_173857_000000592081_00284_38915_7015.N1	09-AUG-2009 17:38:57	Bright	59.000	6	13Alp Aur	0.080000	3400.0	118	38915	No
228	GOM_NL__2PRFIN20090809_174044_000000522081_00284_38915_7016.N1	09-AUG-2009 17:40:44	Bright	52.000	149	45Eps Per	2.8880	30000.	104	38915	No
229	GOM_NL__2PRFIN20090809_174433_000000472081_00284_38915_7017.N1	09-AUG-2009 17:44:33	Twilight	46.500	28	12Bet Tau	1.6500	15200.	93	38915	No
230	GOM_NL__2PRFIN20090809_174646_000000452081_00284_38915_7018.N1	09-AUG-2009 17:46:46	Twilight	44.500	176	23Zet Tau	3.0200	22000.	89	38915	No
231	GOM_NL__2PRFIN20090809_174944_000000612081_00284_38915_7019.N1	09-AUG-2009 17:49:44	Dark	61.000	13	87Alp Tau	0.86700	3800.0	122	38915	No
232	GOM_NL__2PRFIN20090809_175137_000000462081_00284_38915_7020.N1	09-AUG-2009 17:51:37	Dark	46.000	27	24Gam Ori	1.6360	26000.	92	38915	No
233	GOM_NL__2PRFIN20090809_175324_000000462081_00284_38915_7021.N1	09-AUG-2009 17:53:24	Dark	45.500	72	34Del Ori	2.2500	30000.	91	38915	No
234	GOM_NL__2PRFIN20090809_175616_000000552081_00284_38915_7022.N1	09-AUG-2009 17:56:16	Dark	54.500	7	19Bet Ori	0.10000	14000.	109	38915	No
235	GOM_NL__2PRFIN20090809_180206_000000632081_00284_38915_7023.N1	09-AUG-2009 18:02:06	Dark	62.500	165	34Gam Eri	2.9500	3200.0	125	38915	No
236	GOM_NL__2PRFIN20090809_181119_000000492081_00285_38916_7017.N1	09-AUG-2009 18:11:19	Dark	49.000	157	The1Eri	2.9060	9300.0	98	38916	No
237	GOM_NL__2PRFIN20090809_182133_000000642081_00285_38916_7018.N1	09-AUG-2009 18:21:33	Straylight	64.000	84	Alp Phe	2.3970	4500.0	128	38916	No
238	GOM_NL__2PRFIN20090809_182454_000000562081_00285_38916_7019.N1	09-AUG-2009 18:24:54	Straylight	55.500	63	Bet Gru	2.1500	2800.0	111	38916	No
239	GOM_NL__2PRFIN20090809_182943_000000582081_00285_38916_7020.N1	09-AUG-2009 18:29:43	Twilight	57.500	18	24Alp PsA	1.1660	9700.0	115	38916	No
240	GOM_NL__2PRFIN20090809_183938_000000462081_00285_38916_7021.N1	09-AUG-2009 18:39:38	Bright	46.000	154	22Bet Aqr	2.8990	5700.0	92	38916	No
241	GOM_NL__2PRFIN20090809_184524_000000722081_00285_38916_7022.N1	09-AUG-2009 18:45:24	Bright	72.000	61	8Eps Peg	2.1000	3900.0	144	38916	No
242	GOM_NL__2PRFIN20090809_185140_000000582081_00285_38916_7023.N1	09-AUG-2009 18:51:40	Bright	58.000	92	53Eps Cyg	2.5000	4500.0	116	38916	No
243	GOM_NL__2PRFIN20090809_185451_000000402081_00285_38916_7024.N1	09-AUG-2009 18:54:51	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	38916	No
244	GOM_NL__2PRFIN20090809_190017_000000392081_00285_38916_7025.N1	09-AUG-2009 19:00:17	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	38916	No
245	GOM_NL__2PRFIN20090809_190551_000000502081_00285_38916_7026.N1	09-AUG-2009 19:05:51	Bright	50.000	74	11Bet Cas	2.2680	6600.0	100	38916	No
246	GOM_NL__2PRFIN20090809_190800_000000482081_00285_38916_7027.N1	09-AUG-2009 19:08:00	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	38916	No
247	GOM_NL__2PRFIN20090809_191459_000000512081_00285_38916_7028.N1	09-AUG-2009 19:14:59	Bright	51.000	160	23Gam Per	2.9300	4700.0	102	38916	No
248	GOM_NL__2PRFIN20090809_191650_000000642081_00285_38916_7029.N1	09-AUG-2009 19:16:50	Bright	64.000	35	33Alp Per	1.7950	6250.0	128	38916	No
249	GOM_NL__2PRFIN20090809_191933_000000472081_00285_38916_7030.N1	09-AUG-2009 19:19:33	Bright	46.500	6	13Alp Aur	0.080000	3400.0	93	38916	No
250	GOM_NL__2PRFIN20090809_192120_000000522081_00285_38916_7031.N1	09-AUG-2009 19:21:20	Bright	52.000	149	45Eps Per	2.8880	30000.	104	38916	No
251	GOM_NL__2PRFIN20090809_192510_000000472081_00285_38916_7032.N1	09-AUG-2009 19:25:10	Twilight	47.000	28	12Bet Tau	1.6500	15200.	94	38916	No
252	GOM_NL__2PRFIN20090809_192722_000000442081_00285_38916_7033.N1	09-AUG-2009 19:27:22	Twilight	43.500	176	23Zet Tau	3.0200	22000.	87	38916	No
253	GOM_NL__2PRFIN20090809_193021_000000702081_00285_38916_7034.N1	09-AUG-2009 19:30:21	Dark	70.000	13	87Alp Tau	0.86700	3800.0	140	38916	No
254	GOM_NL__2PRFIN20090809_193213_000000482081_00285_38916_7035.N1	09-AUG-2009 19:32:13	Dark	47.500	27	24Gam Ori	1.6360	26000.	95	38916	No
255	GOM_NL__2PRFIN20090809_193400_000000442081_00285_38916_7036.N1	09-AUG-2009 19:34:00	Dark	44.000	72	34Del Ori	2.2500	30000.	88	38916	No
256	GOM_NL__2PRFIN20090809_193653_000000562081_00285_38916_7037.N1	09-AUG-2009 19:36:53	Dark	55.500	7	19Bet Ori	0.10000	14000.	111	38916	No
257	GOM_NL__2PRFIN20090809_194243_000000662081_00285_38916_7038.N1	09-AUG-2009 19:42:43	Dark	66.000	165	34Gam Eri	2.9500	3200.0	132	38916	No
258	GOM_NL__2PRFIN20090809_195156_000000482081_00286_38917_7031.N1	09-AUG-2009 19:51:56	Dark	48.000	157	The1Eri	2.9060	9300.0	96	38917	No
259	GOM_NL__2PRFIN20090809_200209_000000652081_00286_38917_7032.N1	09-AUG-2009 20:02:09	Straylight	64.500	84	Alp Phe	2.3970	4500.0	129	38917	No
260	GOM_NL__2PRFIN20090809_200530_000000582081_00286_38917_7033.N1	09-AUG-2009 20:05:30	Straylight	57.500	63	Bet Gru	2.1500	2800.0	115	38917	No
261	GOM_NL__2PRFIN20090809_201019_000000572081_00286_38917_7034.N1	09-AUG-2009 20:10:19	Twilight	57.000	18	24Alp PsA	1.1660	9700.0	114	38917	No
262	GOM_NL__2PRFIN20090809_202014_000000462081_00286_38917_7035.N1	09-AUG-2009 20:20:14	Bright	45.500	154	22Bet Aqr	2.8990	5700.0	91	38917	No
263	GOM_NL__2PRFIN20090809_202559_000000482081_00286_38917_7036.N1	09-AUG-2009 20:25:59	Bright	48.000	61	8Eps Peg	2.1000	3900.0	96	38917	No
264	GOM_NL__2PRFIN20090809_203215_000000402081_00286_38917_7037.N1	09-AUG-2009 20:32:15	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	38917	No
265	GOM_NL__2PRFIN20090809_203527_000000402081_00286_38917_7038.N1	09-AUG-2009 20:35:27	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	38917	No
266	GOM_NL__2PRFIN20090809_204052_000000402081_00286_38917_7039.N1	09-AUG-2009 20:40:52	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	38917	No
267	GOM_NL__2PRFIN20090809_204626_000000502081_00286_38917_7040.N1	09-AUG-2009 20:46:26	Bright	50.000	74	11Bet Cas	2.2680	6600.0	100	38917	No
268	GOM_NL__2PRFIN20090809_204835_000000482081_00286_38917_7041.N1	09-AUG-2009 20:48:35	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	38917	No
269	GOM_NL__2PRFIN20090809_205535_000000512081_00286_38917_7042.N1	09-AUG-2009 20:55:35	Bright	51.000	160	23Gam Per	2.9300	4700.0	102	38917	No
270	GOM_NL__2PRFIN20090809_205726_000000562081_00286_38917_7043.N1	09-AUG-2009 20:57:26	Bright	55.500	35	33Alp Per	1.7950	6250.0	111	38917	No
271	GOM_NL__2PRFIN20090809_210008_000000462081_00286_38917_7044.N1	09-AUG-2009 21:00:08	Bright	46.000	6	13Alp Aur	0.080000	3400.0	92	38917	No
272	GOM_NL__2PRFIN20090809_210156_000000532081_00286_38917_7045.N1	09-AUG-2009 21:01:56	Bright	53.000	149	45Eps Per	2.8880	30000.	106	38917	No
273	GOM_NL__2PRFIN20090809_210546_000000492081_00286_38917_7046.N1	09-AUG-2009 21:05:46	Twilight	48.500	28	12Bet Tau	1.6500	15200.	97	38917	No
274	GOM_NL__2PRFIN20090809_210759_000000432081_00286_38917_7047.N1	09-AUG-2009 21:07:59	Twilight	43.000	176	23Zet Tau	3.0200	22000.	86	38917	No
275	GOM_NL__2PRFIN20090809_211057_000000682081_00286_38917_7048.N1	09-AUG-2009 21:10:57	Dark	67.500	13	87Alp Tau	0.86700	3800.0	135	38917	No
276	GOM_NL__2PRFIN20090809_211249_000000472081_00286_38917_7049.N1	09-AUG-2009 21:12:49	Dark	47.000	27	24Gam Ori	1.6360	26000.	94	38917	No
277	GOM_NL__2PRFIN20090809_211436_000000452081_00286_38917_7050.N1	09-AUG-2009 21:14:36	Dark	45.000	72	34Del Ori	2.2500	30000.	90	38917	No
278	GOM_NL__2PRFIN20090809_211729_000000512081_00286_38917_7051.N1	09-AUG-2009 21:17:29	Dark	50.500	7	19Bet Ori	0.10000	14000.	101	38917	No

279	GOM_NL__2PRFIN20090809_212320_000000672081_00286_38917_7052.N1	09-AUG-2009 21:23:20	Dark	66.500	165	34Gam Eri	2.9500	3200.0	133	38917	No
280	GOM_NL__2PRFIN20090809_213233_000000502081_00287_38918_7043.N1	09-AUG-2009 21:32:33	Dark	49.500	157	The1Eri	2.9060	9300.0	99	38918	No
281	GOM_NL__2PRFIN20090809_214246_000000642081_00287_38918_7044.N1	09-AUG-2009 21:42:46	Straylight	63.500	84	Alp Phe	2.3970	4500.0	127	38918	No
282	GOM_NL__2PRFIN20090809_214607_000000572081_00287_38918_7045.N1	09-AUG-2009 21:46:07	Straylight	56.500	63	Bet Gru	2.1500	2800.0	113	38918	No
283	GOM_NL__2PRFIN20090809_215055_000000582081_00287_38918_7046.N1	09-AUG-2009 21:50:55	Tw_i_and_stray	57.500	18	24Alp PsA	1.1660	9700.0	115	38918	No
284	GOM_NL__2PRFIN20090809_215707_000000642081_00287_38918_7047.N1	09-AUG-2009 21:57:07	Bright	64.000	142	49Del Cap	2.8500	8900.0	128	38918	No
285	GOM_NL__2PRFIN20090809_220050_000000452081_00287_38918_7048.N1	09-AUG-2009 22:00:50	Bright	45.000	154	22Bet Aqr	2.8990	5700.0	90	38918	No
286	GOM_NL__2PRFIN20090809_220634_000000482081_00287_38918_7049.N1	09-AUG-2009 22:06:34	Bright	47.500	61	8Eps Peg	2.1000	3900.0	95	38918	No
287	GOM_NL__2PRFIN20090809_221251_000000392081_00287_38918_7050.N1	09-AUG-2009 22:12:51	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	38918	No
288	GOM_NL__2PRFIN20090809_221602_000000372081_00287_38918_7051.N1	09-AUG-2009 22:16:02	Bright	36.500	19	50Alp Cyg	1.2460	10500.	73	38918	No
289	GOM_NL__2PRFIN20090809_222128_000000392081_00287_38918_7052.N1	09-AUG-2009 22:21:28	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	38918	No
290	GOM_NL__2PRFIN20090809_222701_000000502081_00287_38918_7053.N1	09-AUG-2009 22:27:01	Bright	50.000	74	11Bet Cas	2.2680	6600.0	100	38918	No
291	GOM_NL__2PRFIN20090809_222911_000000462081_00287_38918_7054.N1	09-AUG-2009 22:29:11	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	38918	No
292	GOM_NL__2PRFIN20090809_223610_000000512081_00287_38918_7055.N1	09-AUG-2009 22:36:10	Bright	50.500	160	23Gam Per	2.9300	4700.0	101	38918	No
293	GOM_NL__2PRFIN20090809_223801_000000542081_00287_38918_7056.N1	09-AUG-2009 22:38:01	Bright	54.000	35	33Alp Per	1.7950	6250.0	108	38918	No
294	GOM_NL__2PRFIN20090809_224044_000000472081_00287_38918_7057.N1	09-AUG-2009 22:40:44	Bright	46.500	6	13Alp Aur	0.080000	3400.0	93	38918	No
295	GOM_NL__2PRFIN20090809_224232_000000552081_00287_38918_7058.N1	09-AUG-2009 22:42:32	Bright	55.000	149	45Eps Per	2.8880	30000.	110	38918	No
296	GOM_NL__2PRFIN20090809_224622_000000492081_00287_38918_7059.N1	09-AUG-2009 22:46:22	Tw_i_and_stray	48.500	28	12Bet Tau	1.6500	15200.	97	38918	No
297	GOM_NL__2PRFIN20090809_224835_000000442081_00287_38918_7060.N1	09-AUG-2009 22:48:35	Tw_i_and_stray	43.500	176	23Zet Tau	3.0200	22000.	87	38918	No
298	GOM_NL__2PRFIN20090809_225134_000000732081_00287_38918_7061.N1	09-AUG-2009 22:51:34	Dark	73.000	13	87Alp Tau	0.86700	3800.0	146	38918	No
299	GOM_NL__2PRFIN20090809_225326_000000492081_00287_38918_7062.N1	09-AUG-2009 22:53:26	Dark	49.000	27	24Gam Ori	1.6360	26000.	98	38918	No
300	GOM_NL__2PRFIN20090809_225513_000000472081_00287_38918_7063.N1	09-AUG-2009 22:55:13	Dark	46.500	72	34Del Ori	2.2500	30000.	93	38918	No
301	GOM_NL__2PRFIN20090809_225806_000000572081_00287_38918_7064.N1	09-AUG-2009 22:58:06	Dark	56.500	7	19Bet Ori	0.10000	14000.	113	38918	No
302	GOM_NL__2PRFIN20090809_230357_000000602081_00287_38918_7065.N1	09-AUG-2009 23:03:57	Dark	60.000	165	34Gam Eri	2.9500	3200.0	120	38918	No
303	GOM_NL__2PRFIN20090809_231310_000000492081_00288_38919_7053.N1	09-AUG-2009 23:13:10	Dark	49.000	157	The1Eri	2.9060	9300.0	98	38919	No
304	GOM_NL__2PRFIN20090809_232323_000000642081_00288_38919_7054.N1	09-AUG-2009 23:23:23	Straylight	63.500	84	Alp Phe	2.3970	4500.0	127	38919	No
305	GOM_NL__2PRFIN20090809_232643_000000572081_00288_38919_7055.N1	09-AUG-2009 23:26:43	Straylight	56.500	63	Bet Gru	2.1500	2800.0	113	38919	No
306	GOM_NL__2PRFIN20090809_233132_000000582081_00288_38919_7056.N1	09-AUG-2009 23:31:32	Tw_i_and_stray	58.000	18	24Alp PsA	1.1660	9700.0	116	38919	No
307	GOM_NL__2PRFIN20090809_233743_000000452081_00288_38919_7057.N1	09-AUG-2009 23:37:43	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	38919	No
308	GOM_NL__2PRFIN20090809_234126_000000432081_00288_38919_7058.N1	09-AUG-2009 23:41:26	Bright	42.500	154	22Bet Aqr	2.8990	5700.0	85	38919	No
309	GOM_NL__2PRFIN20090809_234710_000000512081_00288_38919_7059.N1	09-AUG-2009 23:47:10	Bright	51.000	61	8Eps Peg	2.1000	3900.0	102	38919	No
310	GOM_NL__2PRFIN20090809_235326_000000382081_00288_38919_7060.N1	09-AUG-2009 23:53:26	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	38919	No
311	GOM_NL__2PRFIN20090809_235638_000000362081_00288_38919_7061.N1	09-AUG-2009 23:56:38	Bright	36.000	19	50Alp Cyg	1.2460	10500.	72	38919	No

### 3. Quality information per product

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

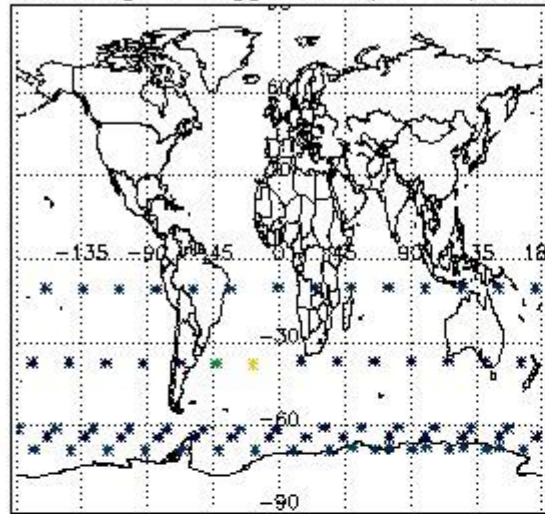
#### 3.1 Plot quality information per product (time dependant)



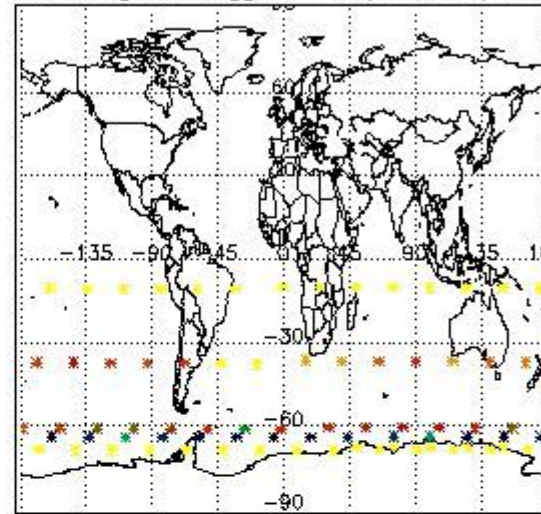
3.2 Plot quality information per product (world map)



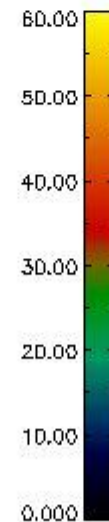
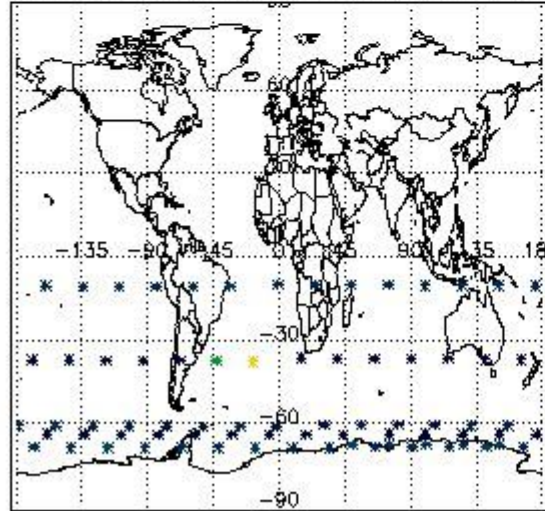
Percentage of flagged data per O3 profile



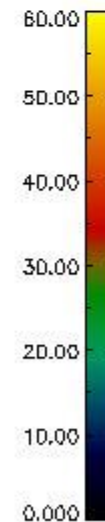
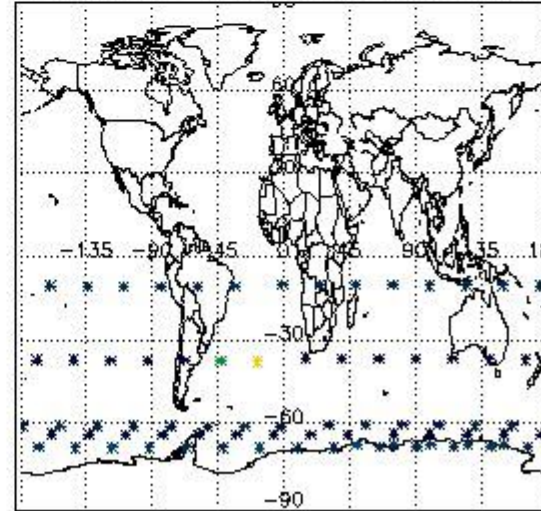
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

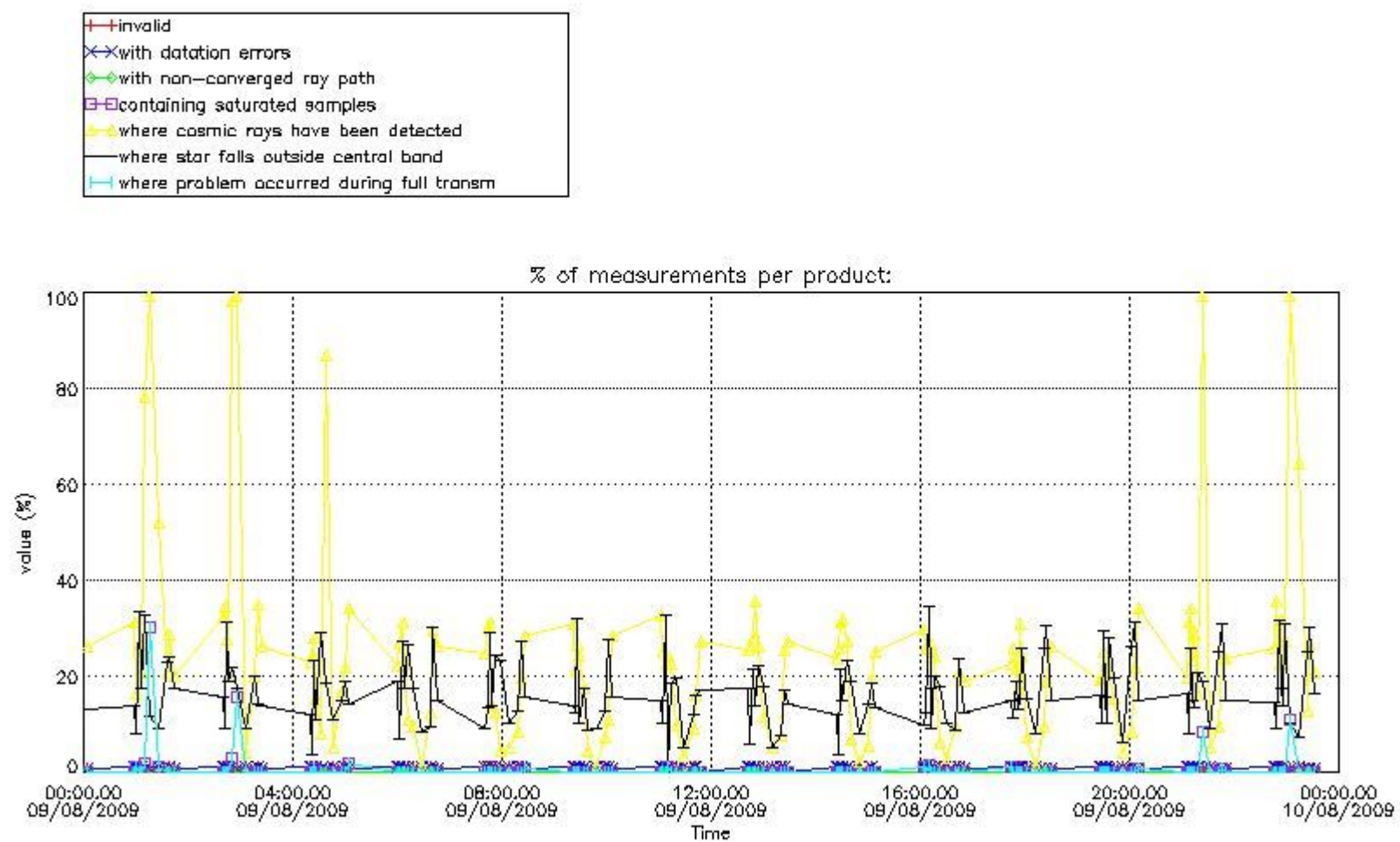


#### 4. Level 1 quality information per product

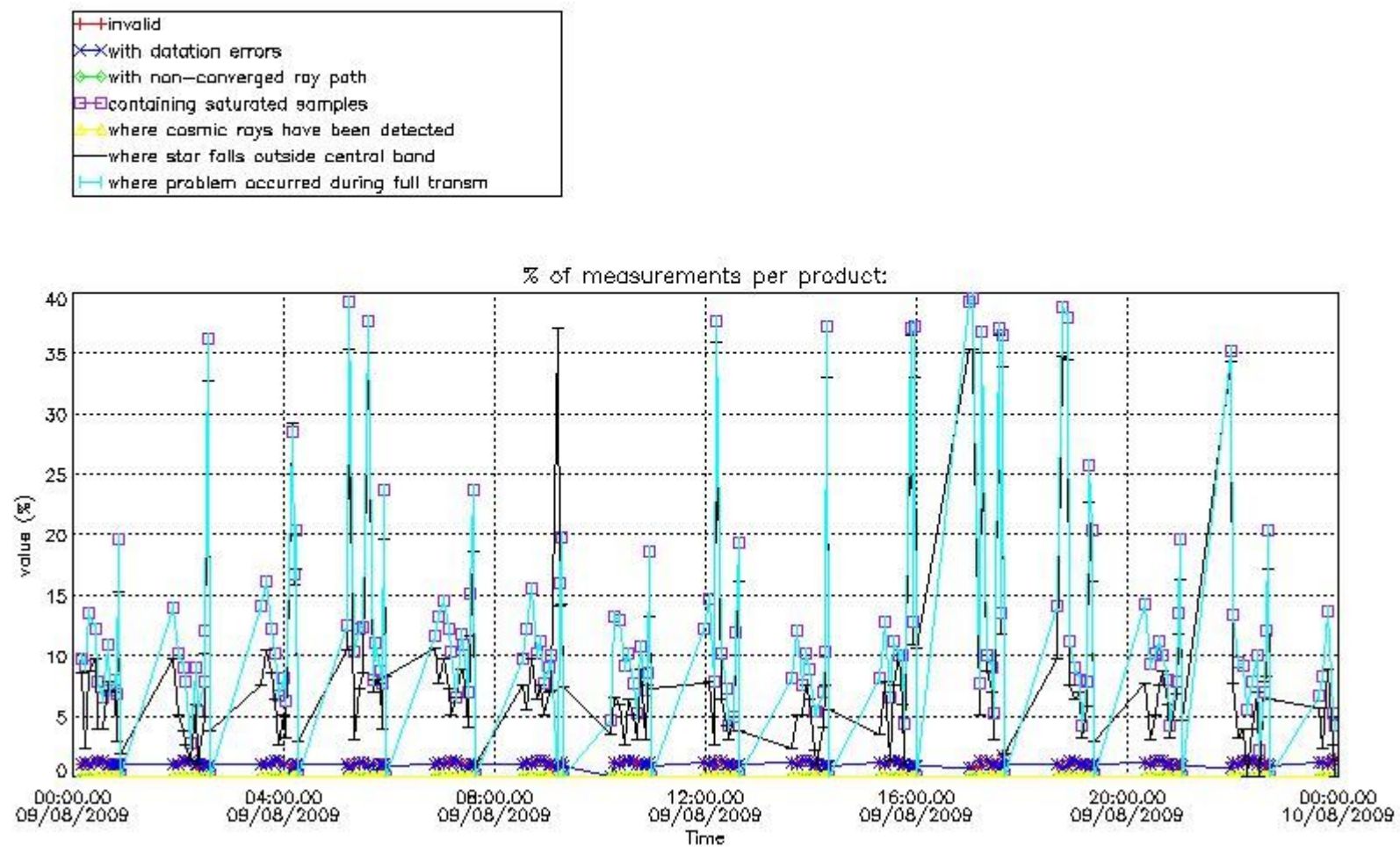
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



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

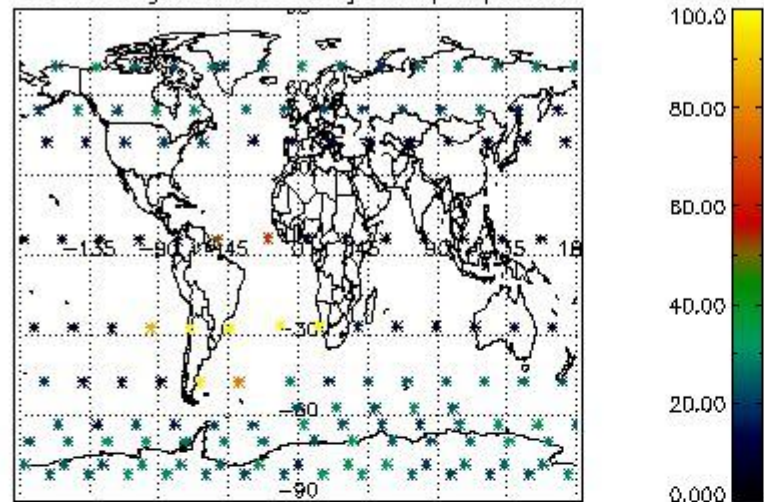


#### 4.2 Plot quality information per product coming from level 1b processing (world map)

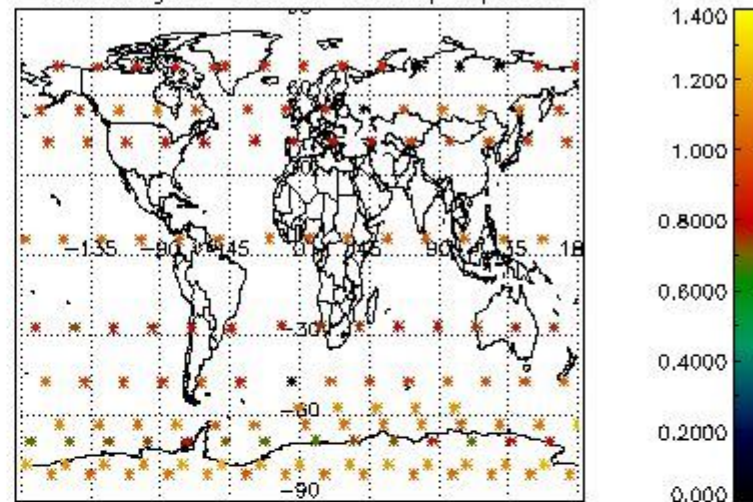
##### 4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes



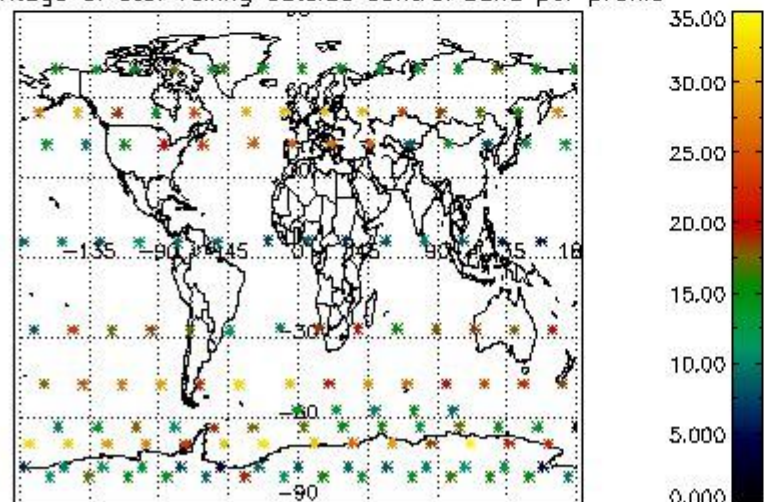
Percentage of cosmic ray hits per profile



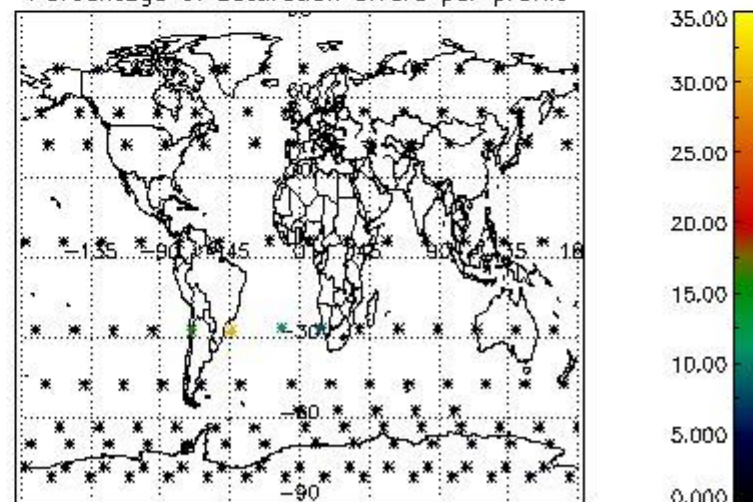
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

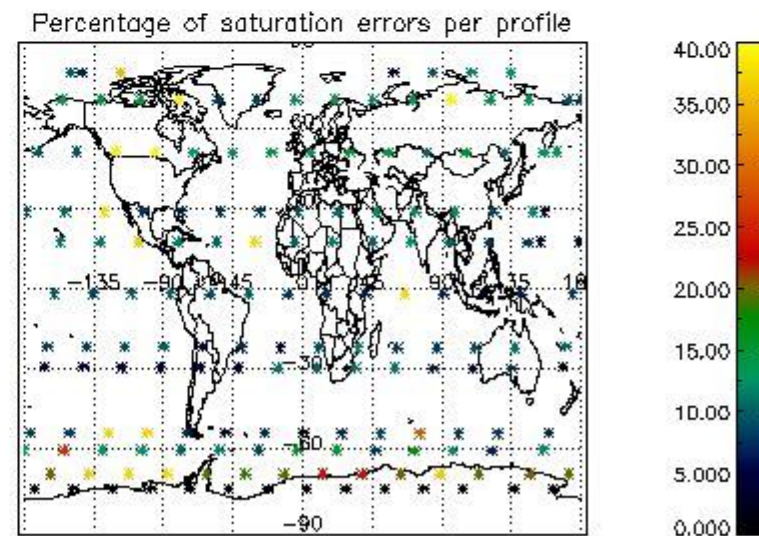
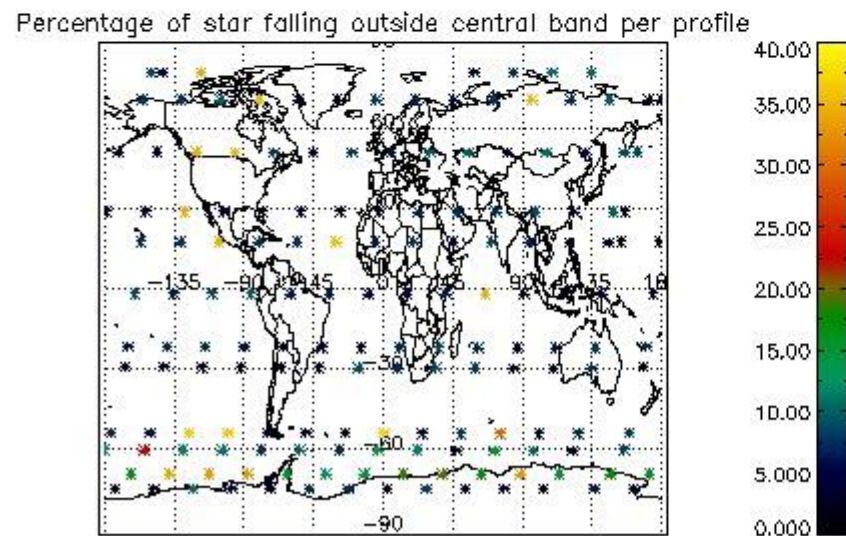
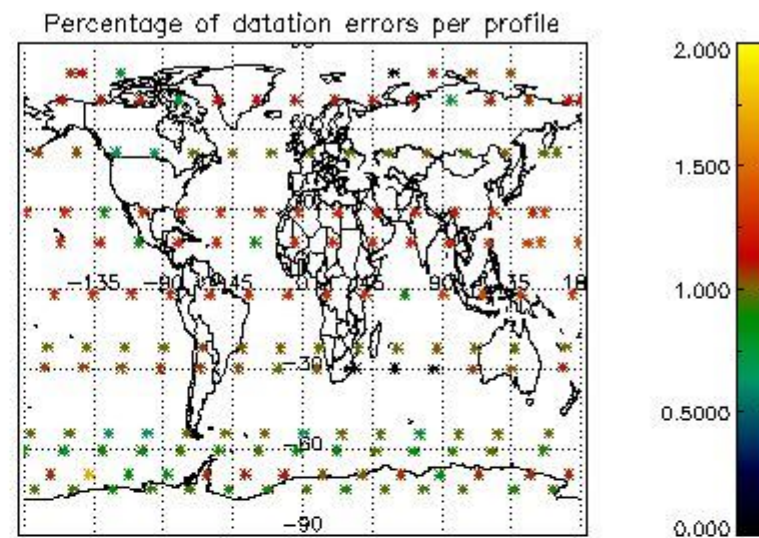
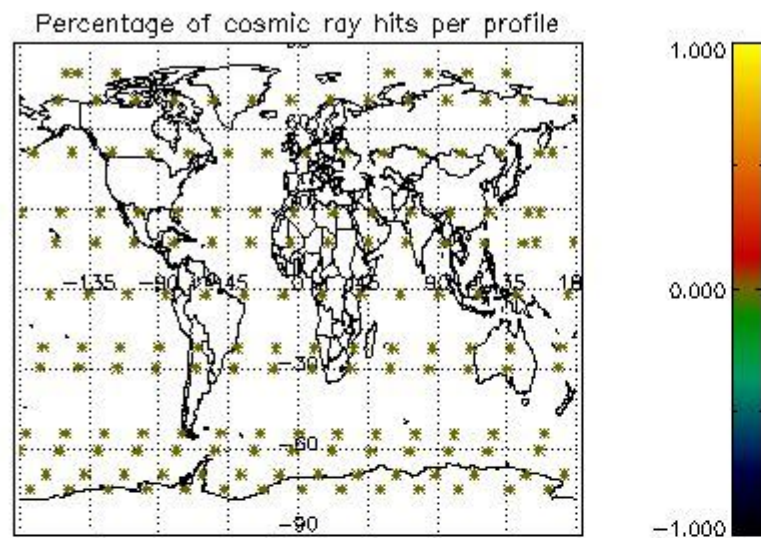


Percentage of saturation errors per profile



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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

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

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

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

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

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

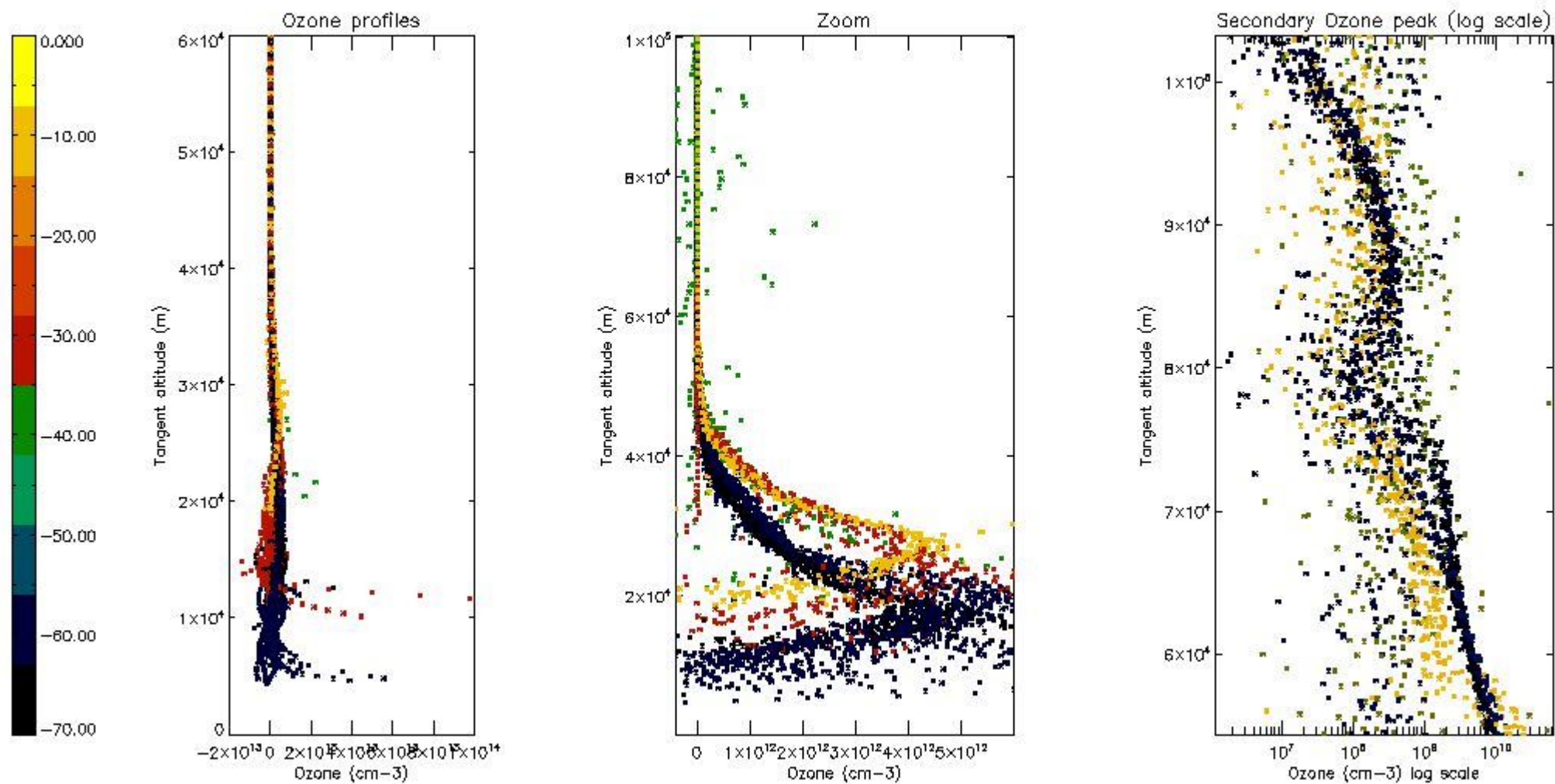
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	27
STD < 20	12

STD < 10	10
STD < 5	6

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

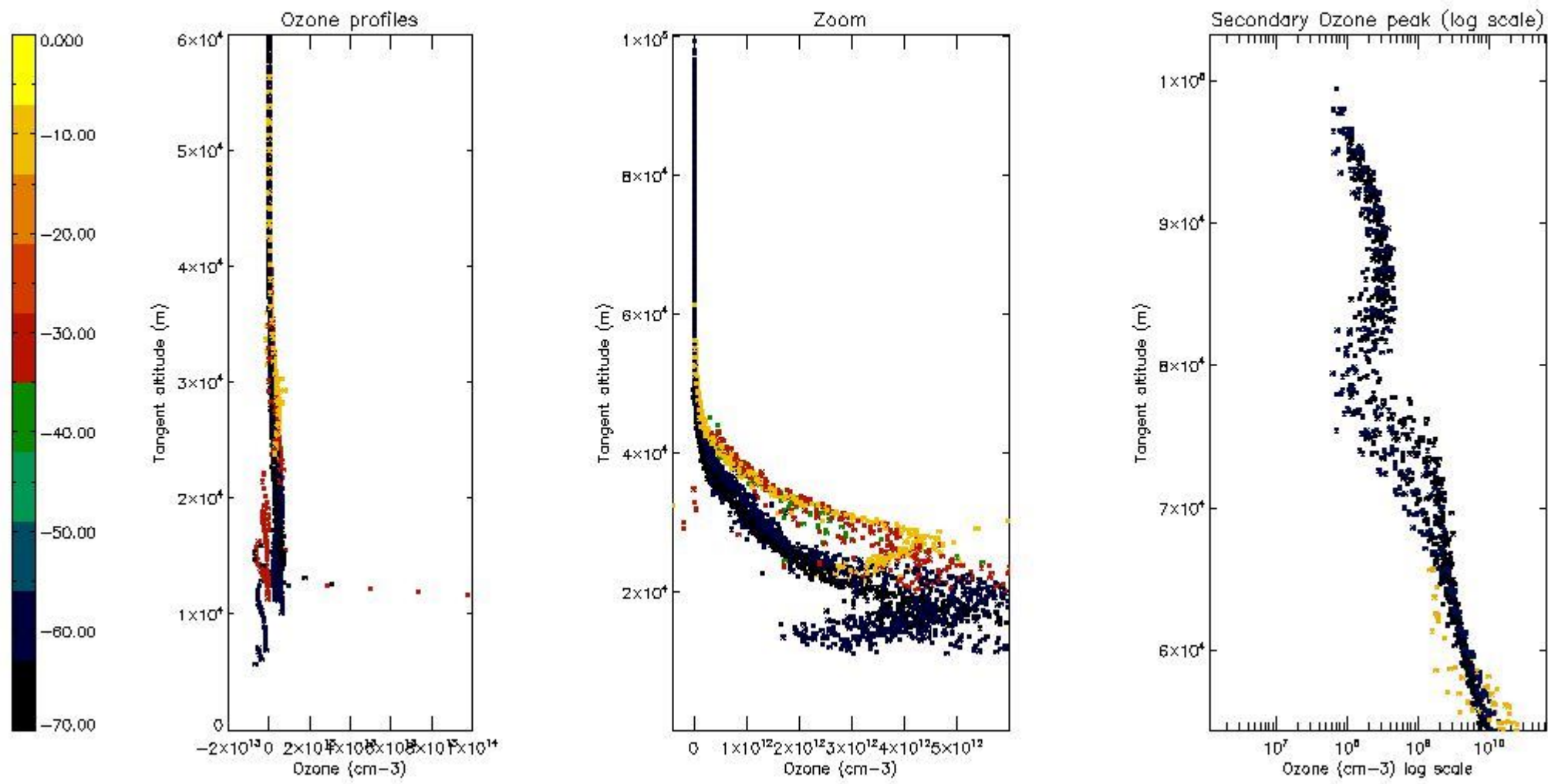
The colorbar represents the latitude.



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

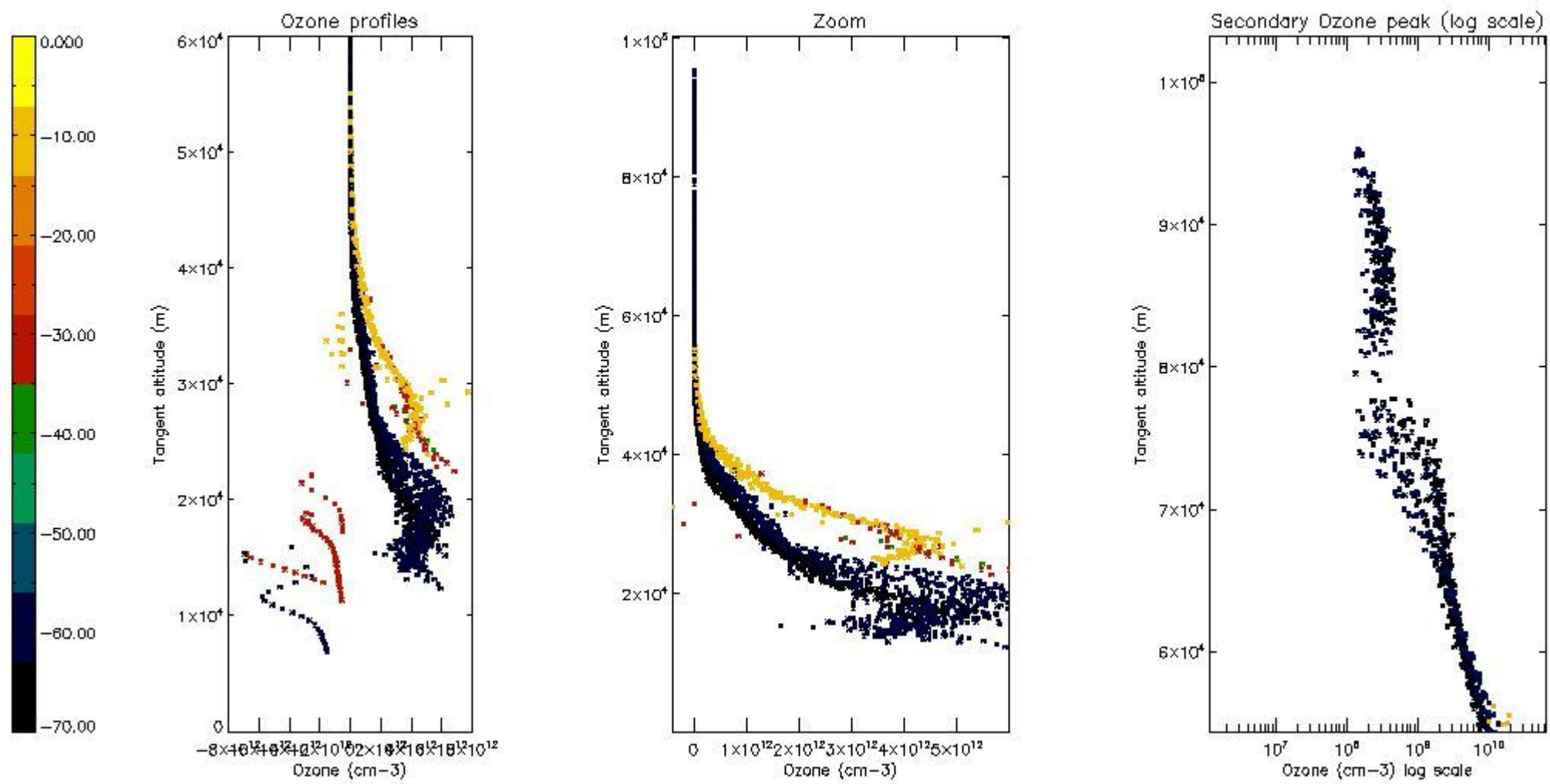
The colorbar represents the latitude.





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

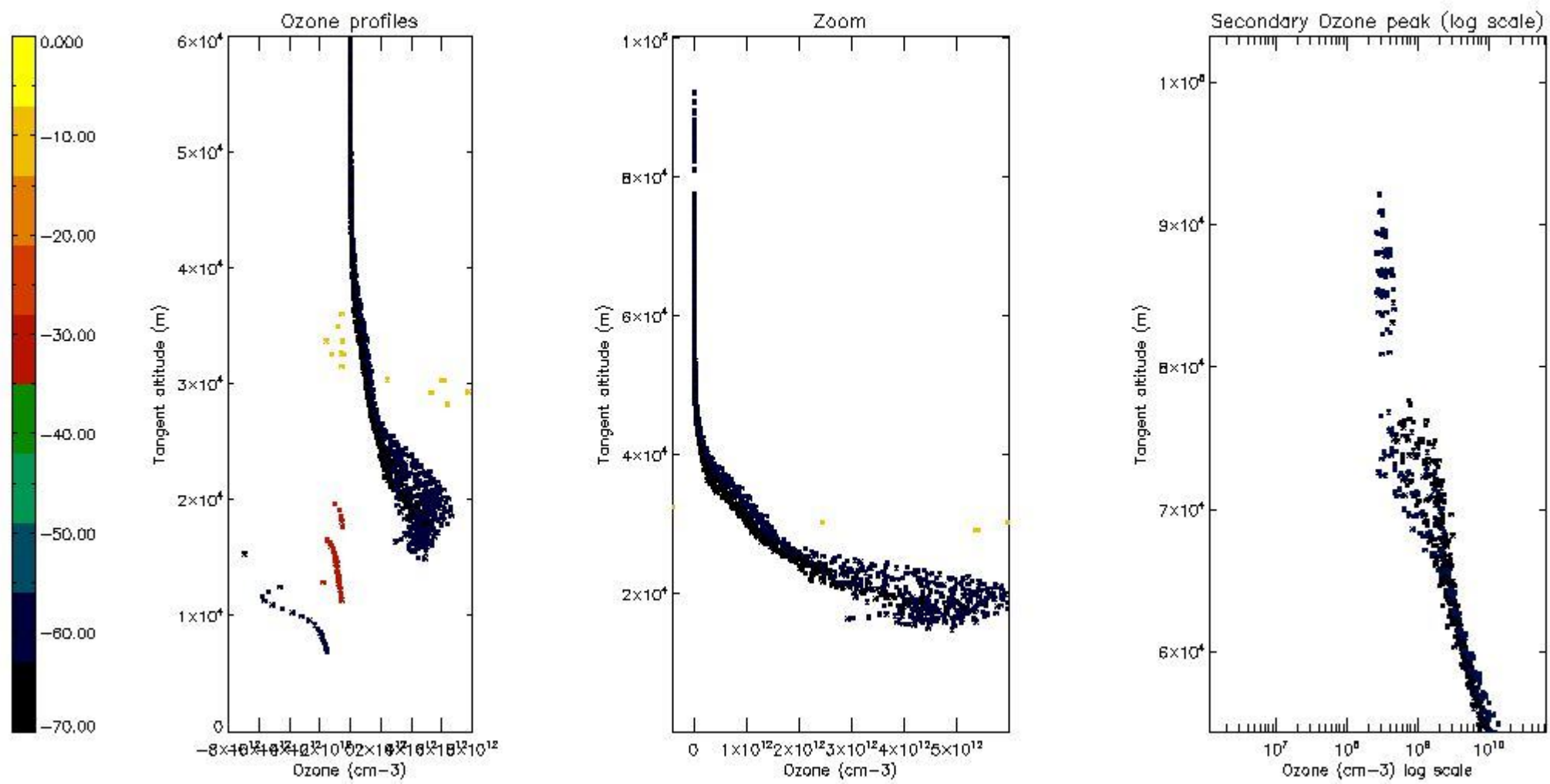
The colorbar represents the latitude.



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

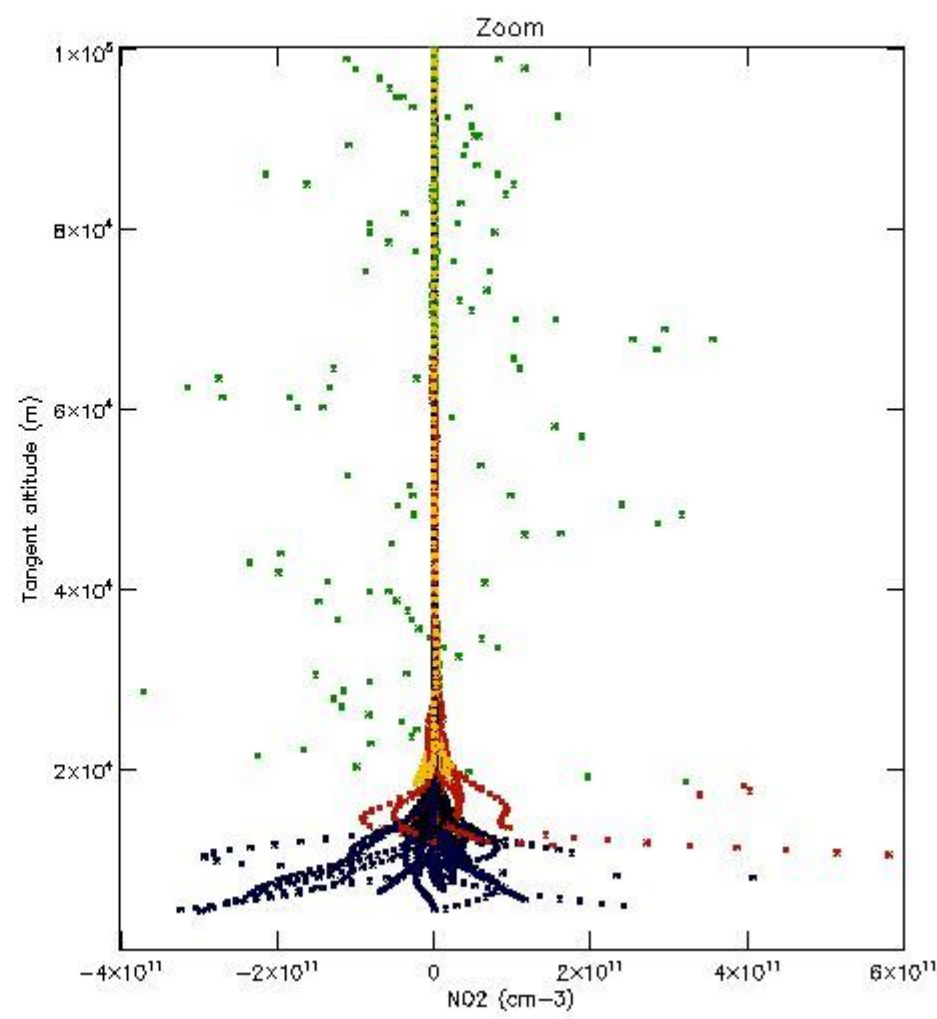
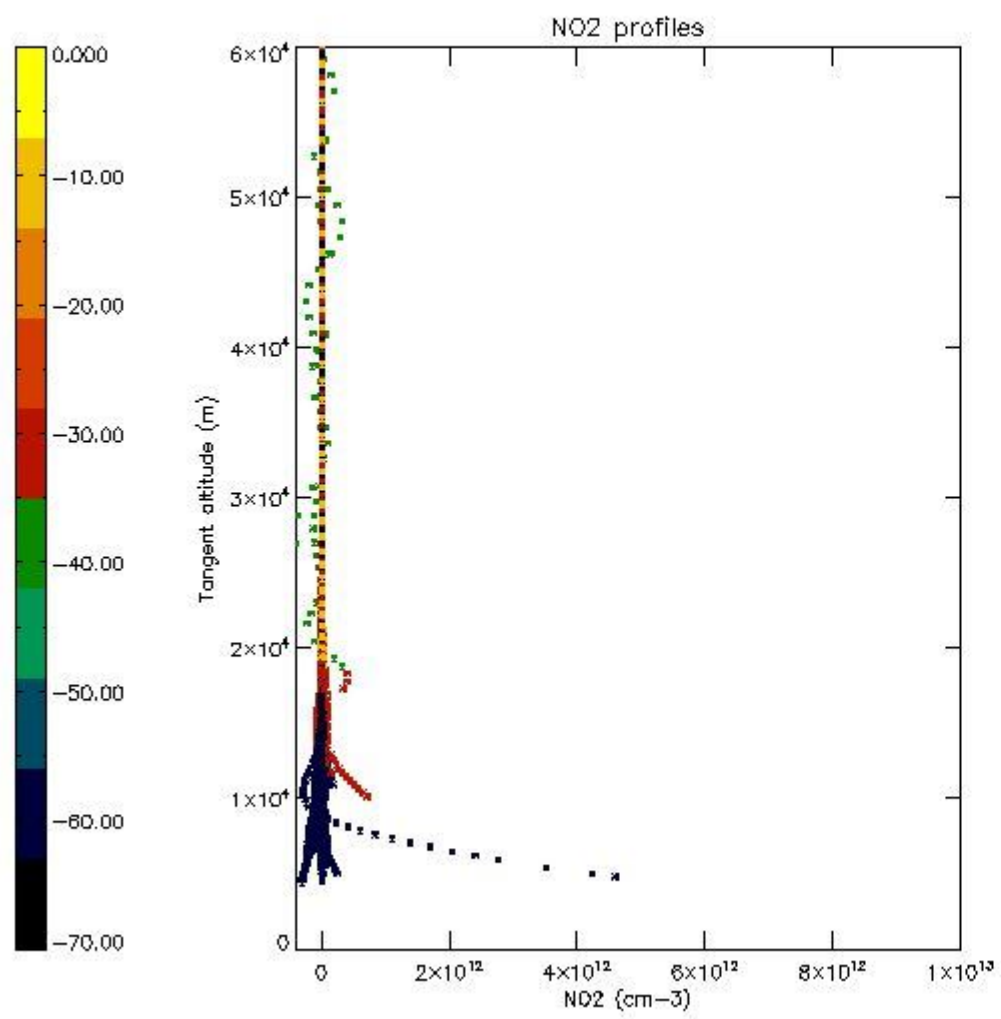
The colorbar represents the latitude.





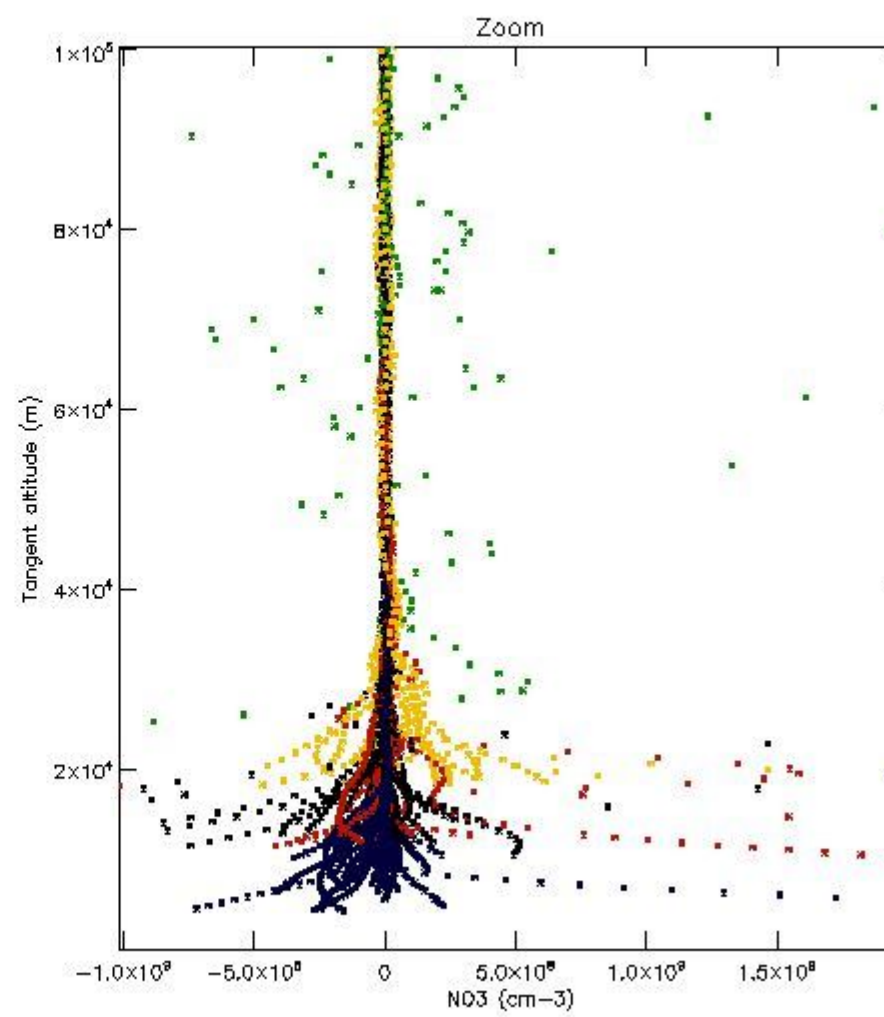
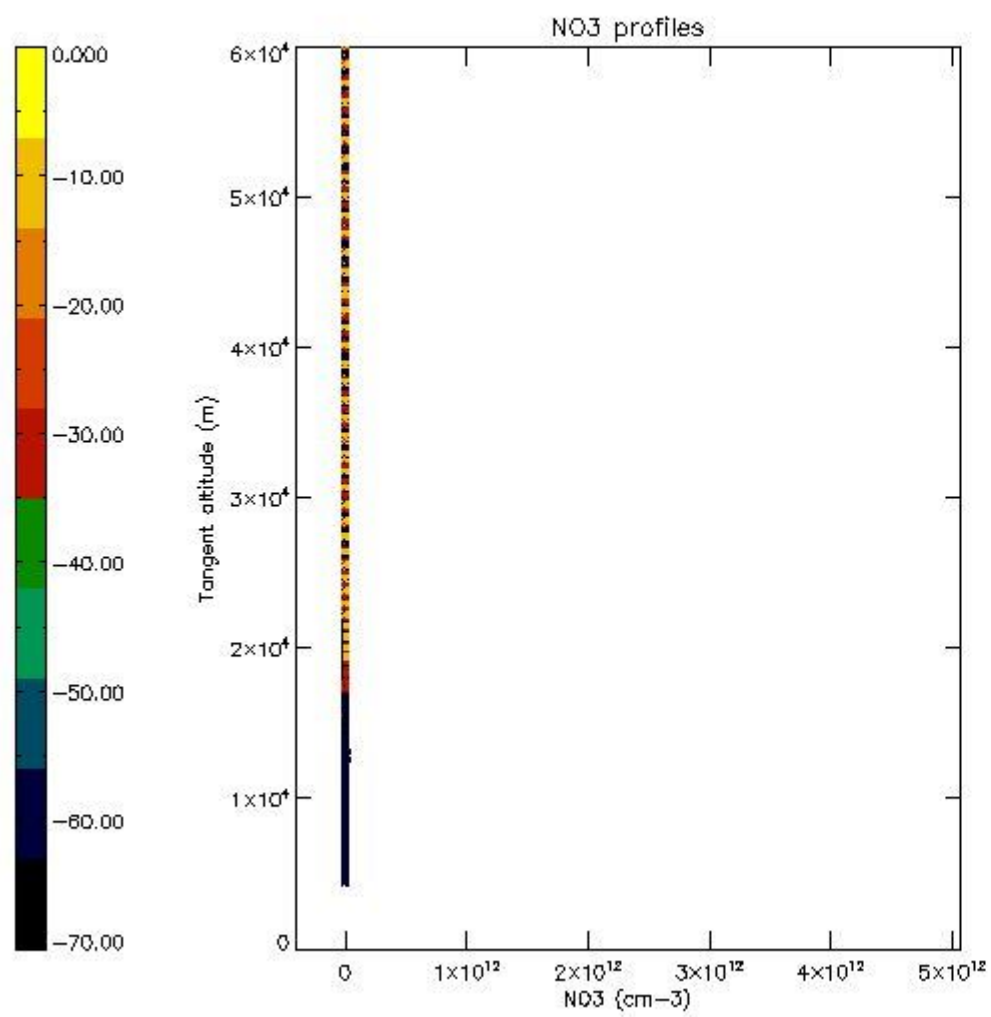
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



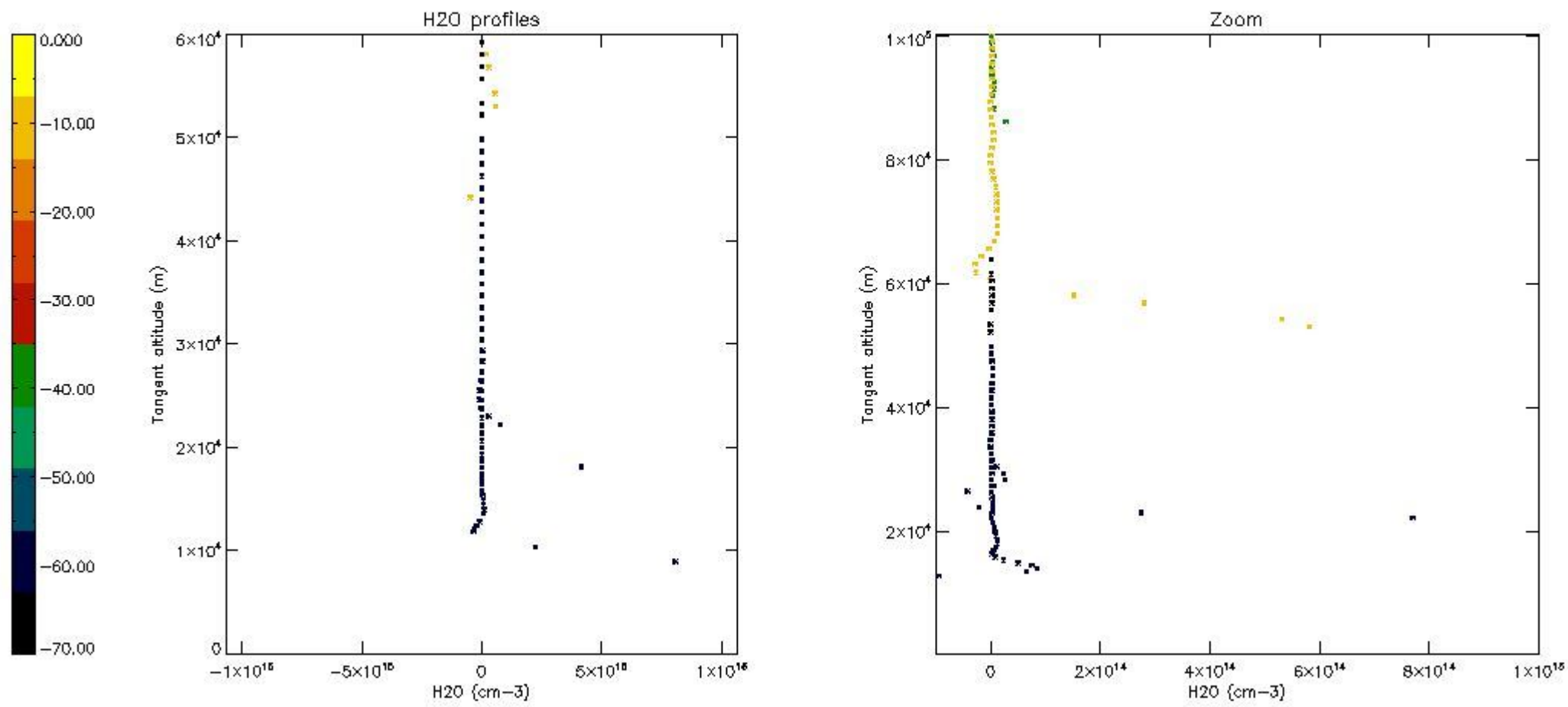
*5.7 Plot NO3 profiles for all STD (dark without errors)*

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	09-AUG-2009 00:03:01
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	09-AUG-2009 00:03:01
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	09-AUG-2009 00:03:01



# 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 11:36:45
Data source version	GOMOS/6.01
Start time of products	09-08-2009 (09AUG2009 00:00:00)
Stop time of products	10-08-2009 (10AUG2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	311
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__2PRFIN20090809_000301_000000572081_00274_38905_6839.N1	09-AUG-2009 00:03:01	Twilight	57.000	18	24Alp PsA	1.1660	9700.0	114	38905	No
2	GOM_NL__2PRFIN20090809_000919_000000472081_00274_38905_6840.N1	09-AUG-2009 00:09:19	Bright	46.500	142	49Del Cap	2.8500	8900.0	93	38905	No
3	GOM_NL__2PRFIN20090809_001304_000000442081_00274_38905_6841.N1	09-AUG-2009 00:13:04	Bright	43.500	154	22Bet Aqr	2.8990	5700.0	87	38905	No
4	GOM_NL__2PRFIN20090809_001854_000000522081_00274_38905_6842.N1	09-AUG-2009 00:18:54	Bright	51.500	61	8Eps Peg	2.1000	3900.0	103	38905	No
5	GOM_NL__2PRFIN20090809_002509_000000412081_00274_38905_6843.N1	09-AUG-2009 00:25:09	Bright	41.000	92	53Eps Cyg	2.5000	4500.0	82	38905	No
6	GOM_NL__2PRFIN20090809_002819_000000382081_00274_38905_6844.N1	09-AUG-2009 00:28:19	Bright	38.000	19	50Alp Cyg	1.2460	10500.0	76	38905	No
7	GOM_NL__2PRFIN20090809_003345_000000382081_00274_38905_6845.N1	09-AUG-2009 00:33:45	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	38905	No
8	GOM_NL__2PRFIN20090809_003924_000000512081_00274_38905_6846.N1	09-AUG-2009 00:39:24	Bright	50.500	74	11Bet Cas	2.2680	6600.0	101	38905	No
9	GOM_NL__2PRFIN20090809_004133_000000492081_00274_38905_6847.N1	09-AUG-2009 00:41:33	Bright	49.000	76	27Gam Cas	2.3000	30000.0	98	38905	No
10	GOM_NL__2PRFIN20090809_004829_000000502081_00274_38905_6848.N1	09-AUG-2009 00:48:29	Bright	50.000	160	23Gam Per	2.9300	4700.0	100	38905	No
11	GOM_NL__2PRFIN20090809_005019_000000512081_00274_38905_6849.N1	09-AUG-2009 00:50:19	Bright	51.000	35	33Alp Per	1.7950	6250.0	102	38905	No
12	GOM_NL__2PRFIN20090809_005258_000000462081_00274_38905_6850.N1	09-AUG-2009 00:52:58	Bright	46.000	6	13Alp Aur	0.080000	3400.0	92	38905	No
13	GOM_NL__2PRFIN20090809_005446_000000522081_00274_38905_6851.N1	09-AUG-2009 00:54:46	Bright	51.500	149	45Eps Per	2.8880	30000.0	103	38905	No
14	GOM_NL__2PRFIN20090809_005832_000000472081_00274_38905_6852.N1	09-AUG-2009 00:58:32	Twilight	46.500	28	12Bet Tau	1.6500	15200.0	93	38905	No
15	GOM_NL__2PRFIN20090809_010044_000000432081_00274_38905_6853.N1	09-AUG-2009 01:00:44	Twilight	43.000	176	23Zet Tau	3.0200	22000.0	86	38905	No
16	GOM_NL__2PRFIN20090809_010339_000000732081_00274_38905_6854.N1	09-AUG-2009 01:03:39	Dark	73.000	13	87Alp Tau	0.86700	3800.0	146	38905	No
17	GOM_NL__2PRFIN20090809_010533_000000492081_00274_38905_6855.N1	09-AUG-2009 01:05:33	Dark	48.500	27	24Gam Ori	1.6360	26000.0	97	38905	No
18	GOM_NL__2PRFIN20090809_011010_000000602081_00274_38905_6856.N1	09-AUG-2009 01:10:10	Dark	59.500	7	19Bet Ori	0.10000	14000.0	119	38905	No
19	GOM_NL__2PRFIN20090809_011553_000000602081_00274_38905_6857.N1	09-AUG-2009 01:15:53	Dark	59.500	165	34Gam Eri	2.9500	3200.0	119	38905	No
20	GOM_NL__2PRFIN20090809_012509_000000492081_00275_38906_6853.N1	09-AUG-2009 01:25:09	Dark	49.000	157	The1Eri	2.9060	9300.0	98	38906	No
21	GOM_NL__2PRFIN20090809_013524_000000632081_00275_38906_6854.N1	09-AUG-2009 01:35:24	Straylight	63.000	84	Alp Phe	2.3970	4500.0	126	38906	No
22	GOM_NL__2PRFIN20090809_013849_000000522081_00275_38906_6855.N1	09-AUG-2009 01:38:49	Straylight	52.000	63	Bet Gru	2.1500	2800.0	104	38906	No
23	GOM_NL__2PRFIN20090809_014338_000000602081_00275_38906_6856.N1	09-AUG-2009 01:43:38	Twilight	60.000	18	24Alp PsA	1.1660	9700.0	120	38906	No
24	GOM_NL__2PRFIN20090809_015340_000000472081_00275_38906_6857.N1	09-AUG-2009 01:53:40	Bright	46.500	154	22Bet Aqr	2.8990	5700.0	93	38906	No
25	GOM_NL__2PRFIN20090809_015929_000000492081_00275_38906_6858.N1	09-AUG-2009 01:59:29	Bright	49.000	61	8Eps Peg	2.1000	3900.0	98	38906	No
26	GOM_NL__2PRFIN20090809_020544_000000392081_00275_38906_6859.N1	09-AUG-2009 02:05:44	Bright	39.000	92	53Eps Cyg	2.5000	4500.0	78	38906	No
27	GOM_NL__2PRFIN20090809_020855_000000382081_00275_38906_6860.N1	09-AUG-2009 02:08:55	Bright	38.000	19	50Alp Cyg	1.2460	10500.0	76	38906	No
28	GOM_NL__2PRFIN20090809_021421_000000372081_00275_38906_6861.N1	09-AUG-2009 02:14:21	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	38906	No
29	GOM_NL__2PRFIN20090809_022000_000000502081_00275_38906_6862.N1	09-AUG-2009 02:20:00	Bright	50.000	74	11Bet Cas	2.2680	6600.0	100	38906	No
30	GOM_NL__2PRFIN20090809_022208_000000472081_00275_38906_6863.N1	09-AUG-2009 02:22:08	Bright	47.000	76	27Gam Cas	2.3000	30000.0	94	38906	No
31	GOM_NL__2PRFIN20090809_022905_000000512081_00275_38906_6864.N1	09-AUG-2009 02:29:05	Bright	50.500	160	23Gam Per	2.9300	4700.0	101	38906	No
32	GOM_NL__2PRFIN20090809_023055_000000542081_00275_38906_6865.N1	09-AUG-2009 02:30:55	Bright	54.000	35	33Alp Per	1.7950	6250.0	108	38906	No
33	GOM_NL__2PRFIN20090809_023334_000000582081_00275_38906_6866.N1	09-AUG-2009 02:33:34	Bright	58.000	6	13Alp Aur	0.080000	3400.0	116	38906	No
34	GOM_NL__2PRFIN20090809_023522_000000532081_00275_38906_6867.N1	09-AUG-2009 02:35:22	Bright	52.500	149	45Eps Per	2.8880	30000.0	105	38906	No
35	GOM_NL__2PRFIN20090809_023908_000000482081_00275_38906_6868.N1	09-AUG-2009 02:39:08	Twilight	48.000	28	12Bet Tau	1.6500	15200.0	96	38906	No
36	GOM_NL__2PRFIN20090809_024120_000000442081_00275_38906_6869.N1	09-AUG-2009 02:41:20	Twilight	43.500	176	23Zet Tau	3.0200	22000.0	87	38906	No
37	GOM_NL__2PRFIN20090809_024416_000000712081_00275_38906_6870.N1	09-AUG-2009 02:44:16	Dark	70.500	13	87Alp Tau	0.86700	3800.0	141	38906	No
38	GOM_NL__2PRFIN20090809_024609_000000502081_00275_38906_6871.N1	09-AUG-2009 02:46:09	Dark	50.000	27	24Gam Ori	1.6360	26000.0	100	38906	No
39	GOM_NL__2PRFIN20090809_025047_000000512081_00275_38906_6872.N1	09-AUG-2009 02:50:47	Dark	50.500	7	19Bet Ori	0.10000	14000.0	101	38906	No
40	GOM_NL__2PRFIN20090809_025630_000000642081_00275_38906_6873.N1	09-AUG-2009 02:56:30	Dark	63.500	165	34Gam Eri	2.9500	3200.0	127	38906	No
41	GOM_NL__2PRFIN20090809_030545_000000502081_00276_38907_6867.N1	09-AUG-2009 03:05:45	Dark	49.500	157	The1Eri	2.9060	9300.0	99	38907	No
42	GOM_NL__2PRFIN20090809_031601_000000602081_00276_38907_6868.N1	09-AUG-2009 03:16:01	Straylight	59.500	84	Alp Phe	2.3970	4500.0	119	38907	No

43	GOM_NL__2PRFIN20090809_031926_000000462081_00276_38907_6869.N1	09-AUG-2009 03:19:26	Straylight	46.000	63	Bet Gru	2.1500	2800.0	92	38907	No
44	GOM_NL__2PRFIN20090809_032414_000000582081_00276_38907_6870.N1	09-AUG-2009 03:24:14	Twilight_stray	57.500	18	24Alp PsA	1.1660	9700.0	115	38907	No
45	GOM_NL__2PRFIN20090809_033416_000000462081_00276_38907_6871.N1	09-AUG-2009 03:34:16	Bright	46.000	154	22Bet Aqr	2.8990	5700.0	92	38907	No
46	GOM_NL__2PRFIN20090809_034005_000000532081_00276_38907_6872.N1	09-AUG-2009 03:40:05	Bright	52.500	61	8Eps Peg	2.1000	3900.0	105	38907	No
47	GOM_NL__2PRFIN20090809_034619_000000412081_00276_38907_6873.N1	09-AUG-2009 03:46:19	Bright	41.000	92	53Eps Cyg	2.5000	4500.0	82	38907	No
48	GOM_NL__2PRFIN20090809_034931_000000402081_00276_38907_6874.N1	09-AUG-2009 03:49:31	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	38907	No
49	GOM_NL__2PRFIN20090809_035456_000000382081_00276_38907_6875.N1	09-AUG-2009 03:54:56	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	38907	No
50	GOM_NL__2PRFIN20090809_040035_000000492081_00276_38907_6876.N1	09-AUG-2009 04:00:35	Bright	49.000	74	11Bet Cas	2.2680	6600.0	98	38907	No
51	GOM_NL__2PRFIN20090809_040244_000000482081_00276_38907_6877.N1	09-AUG-2009 04:02:44	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	38907	No
52	GOM_NL__2PRFIN20090809_040940_000000652081_00276_38907_6878.N1	09-AUG-2009 04:09:40	Bright	65.000	160	23Gam Per	2.9300	4700.0	130	38907	No
53	GOM_NL__2PRFIN20090809_041130_000000572081_00276_38907_6879.N1	09-AUG-2009 04:11:30	Bright	57.000	35	33Alp Per	1.7950	6250.0	114	38907	No
54	GOM_NL__2PRFIN20090809_041409_000000472081_00276_38907_6880.N1	09-AUG-2009 04:14:09	Bright	46.500	6	13Alp Aur	0.080000	3400.0	93	38907	No
55	GOM_NL__2PRFIN20090809_041558_000000522081_00276_38907_6881.N1	09-AUG-2009 04:15:58	Bright	52.000	149	45Eps Per	2.8880	30000.	104	38907	No
56	GOM_NL__2PRFIN20090809_041944_000000462081_00276_38907_6882.N1	09-AUG-2009 04:19:44	Twilight_stray	46.000	28	12Bet Tau	1.6500	15200.	92	38907	No
57	GOM_NL__2PRFIN20090809_042157_000000412081_00276_38907_6883.N1	09-AUG-2009 04:21:57	Twilight_stray	41.000	176	23Zet Tau	3.0200	22000.	82	38907	No
58	GOM_NL__2PRFIN20090809_042452_000000652081_00276_38907_6884.N1	09-AUG-2009 04:24:52	Dark	64.500	13	87Alp Tau	0.86700	3800.0	129	38907	No
59	GOM_NL__2PRFIN20090809_042645_000000462081_00276_38907_6885.N1	09-AUG-2009 04:26:45	Dark	45.500	27	24Gam Ori	1.6360	26000.	91	38907	No
60	GOM_NL__2PRFIN20090809_043124_000000572081_00276_38907_6886.N1	09-AUG-2009 04:31:24	Dark	56.500	7	19Bet Ori	0.10000	14000.	113	38907	No
61	GOM_NL__2PRFIN20090809_043707_000000652081_00276_38907_6887.N1	09-AUG-2009 04:37:07	Dark	65.000	165	34Gam Eri	2.9500	3200.0	130	38907	No
62	GOM_NL__2PRFIN20090809_044622_000000502081_00277_38908_6881.N1	09-AUG-2009 04:46:22	Dark	50.000	157	The1Eri	2.9060	9300.0	100	38908	No
63	GOM_NL__2PRFIN20090809_045637_000000572081_00277_38908_6882.N1	09-AUG-2009 04:56:37	Straylight	56.500	84	Alp Phe	2.3970	4500.0	113	38908	No
64	GOM_NL__2PRFIN20090809_050002_000000482081_00277_38908_6883.N1	09-AUG-2009 05:00:02	Straylight	48.000	63	Bet Gru	2.1500	2800.0	96	38908	No
65	GOM_NL__2PRFIN20090809_050451_000000572081_00277_38908_6884.N1	09-AUG-2009 05:04:51	Twilight_stray	57.000	18	24Alp PsA	1.1660	9700.0	114	38908	No
66	GOM_NL__2PRFIN20090809_051107_000000482081_00277_38908_6885.N1	09-AUG-2009 05:11:07	Bright	48.000	142	49Del Cap	2.8500	8900.0	96	38908	No
67	GOM_NL__2PRFIN20090809_051452_000000652081_00277_38908_6886.N1	09-AUG-2009 05:14:52	Bright	65.000	154	22Bet Aqr	2.8990	5700.0	130	38908	No
68	GOM_NL__2PRFIN20090809_052040_000000492081_00277_38908_6887.N1	09-AUG-2009 05:20:40	Bright	48.500	61	8Eps Peg	2.1000	3900.0	97	38908	No
69	GOM_NL__2PRFIN20090809_052655_000000412081_00277_38908_6888.N1	09-AUG-2009 05:26:55	Bright	41.000	92	53Eps Cyg	2.5000	4500.0	82	38908	No
70	GOM_NL__2PRFIN20090809_053006_000000412081_00277_38908_6889.N1	09-AUG-2009 05:30:06	Bright	40.500	19	50Alp Cyg	1.2460	10500.	81	38908	No
71	GOM_NL__2PRFIN20090809_053532_000000572081_00277_38908_6890.N1	09-AUG-2009 05:35:32	Bright	57.000	89	5Alp Cep	2.4510	8000.0	114	38908	No
72	GOM_NL__2PRFIN20090809_054110_000000502081_00277_38908_6891.N1	09-AUG-2009 05:41:10	Bright	50.000	74	11Bet Cas	2.2680	6600.0	100	38908	No
73	GOM_NL__2PRFIN20090809_054319_000000502081_00277_38908_6892.N1	09-AUG-2009 05:43:19	Bright	50.000	76	27Gam Cas	2.3000	30000.	100	38908	No
74	GOM_NL__2PRFIN20090809_055016_000000522081_00277_38908_6893.N1	09-AUG-2009 05:50:16	Bright	51.500	160	23Gam Per	2.9300	4700.0	103	38908	No
75	GOM_NL__2PRFIN20090809_055206_000000522081_00277_38908_6894.N1	09-AUG-2009 05:52:06	Bright	51.500	35	33Alp Per	1.7950	6250.0	103	38908	No
76	GOM_NL__2PRFIN20090809_055445_000000492081_00277_38908_6895.N1	09-AUG-2009 05:54:45	Bright	48.500	6	13Alp Aur	0.080000	3400.0	97	38908	No
77	GOM_NL__2PRFIN20090809_055633_000000552081_00277_38908_6896.N1	09-AUG-2009 05:56:33	Bright	54.500	149	45Eps Per	2.8880	30000.	109	38908	No
78	GOM_NL__2PRFIN20090809_060021_000000502081_00277_38908_6897.N1	09-AUG-2009 06:00:21	Twilight_stray	50.000	28	12Bet Tau	1.6500	15200.	100	38908	No
79	GOM_NL__2PRFIN20090809_060233_000000432081_00277_38908_6898.N1	09-AUG-2009 06:02:33	Twilight_stray	42.500	176	23Zet Tau	3.0200	22000.	85	38908	No
80	GOM_NL__2PRFIN20090809_060529_000000682081_00277_38908_6899.N1	09-AUG-2009 06:05:29	Dark	67.500	13	87Alp Tau	0.86700	3800.0	135	38908	No
81	GOM_NL__2PRFIN20090809_060722_000000492081_00277_38908_6900.N1	09-AUG-2009 06:07:22	Dark	48.500	27	24Gam Ori	1.6360	26000.	97	38908	No
82	GOM_NL__2PRFIN20090809_061200_000000552081_00277_38908_6901.N1	09-AUG-2009 06:12:00	Dark	54.500	7	19Bet Ori	0.10000	14000.	109	38908	No
83	GOM_NL__2PRFIN20090809_061744_000000642081_00277_38908_6902.N1	09-AUG-2009 06:17:44	Dark	63.500	165	34Gam Eri	2.9500	3200.0	127	38908	No
84	GOM_NL__2PRFIN20090809_062700_000000492081_00278_38909_6894.N1	09-AUG-2009 06:27:00	Dark	48.500	157	The1Eri	2.9060	9300.0	97	38909	No
85	GOM_NL__2PRFIN20090809_063715_000000532081_00278_38909_6895.N1	09-AUG-2009 06:37:15	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	38909	No
86	GOM_NL__2PRFIN20090809_064039_000000562081_00278_38909_6896.N1	09-AUG-2009 06:40:39	Straylight	56.000	63	Bet Gru	2.1500	2800.0	112	38909	No
87	GOM_NL__2PRFIN20090809_064527_000000582081_00278_38909_6897.N1	09-AUG-2009 06:45:27	Twilight_stray	57.500	18	24Alp PsA	1.1660	9700.0	115	38909	No
88	GOM_NL__2PRFIN20090809_065143_000000472081_00278_38909_6898.N1	09-AUG-2009 06:51:43	Bright	47.000	142	49Del Cap	2.8500	8900.0	94	38909	No
89	GOM_NL__2PRFIN20090809_065528_000000462081_00278_38909_6899.N1	09-AUG-2009 06:55:28	Bright	45.500	154	22Bet Aqr	2.8990	5700.0	91	38909	No
90	GOM_NL__2PRFIN20090809_070116_000000522081_00278_38909_6900.N1	09-AUG-2009 07:01:16	Bright	51.500	61	8Eps Peg	2.1000	3900.0	103	38909	No
91	GOM_NL__2PRFIN20090809_070731_000000412081_00278_38909_6901.N1	09-AUG-2009 07:07:31	Bright	41.000	92	53Eps Cyg	2.5000	4500.0	82	38909	No
92	GOM_NL__2PRFIN20090809_071042_000000392081_00278_38909_6902.N1	09-AUG-2009 07:10:42	Bright	39.000	19	50Alp Cyg	1.2460	10500.	78	38909	No
93	GOM_NL__2PRFIN20090809_071608_000000392081_00278_38909_6903.N1	09-AUG-2009 07:16:08	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	38909	No
94	GOM_NL__2PRFIN20090809_072145_000000512081_00278_38909_6904.N1	09-AUG-2009 07:21:45	Bright	51.000	74	11Bet Cas	2.2680	6600.0	102	38909	No
95	GOM_NL__2PRFIN20090809_072354_000000512081_00278_38909_6905.N1	09-AUG-2009 07:23:54	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	38909	No
96	GOM_NL__2PRFIN20090809_073051_000000502081_00278_38909_6906.N1	09-AUG-2009 07:30:51	Bright	50.000	160	23Gam Per	2.9300	4700.0	100	38909	No
97	GOM_NL__2PRFIN20090809_073241_000000562081_00278_38909_6907.N1	09-AUG-2009 07:32:41	Bright	56.000	35	33Alp Per	1.7950	6250.0	112	38909	No
98	GOM_NL__2PRFIN20090809_073521_000000492081_00278_38909_6908.N1	09-AUG-2009 07:35:21	Bright	48.500	6	13Alp Aur	0.080000	3400.0	97	38909	No
99	GOM_NL__2PRFIN20090809_073709_000000522081_00278_38909_6909.N1	09-AUG-2009 07:37:09	Bright	51.500	149	45Eps Per	2.8880	30000.	103	38909	No
100	GOM_NL__2PRFIN20090809_074057_000000452081_00278_38909_6910.N1	09-AUG-2009 07:40:57	Twilight_stray	44.500	28	12Bet Tau	1.6500	15200.	89	38909	No
101	GOM_NL__2PRFIN20090809_074309_000000452081_00278_38909_6911.N1	09-AUG-2009 07:43:09	Twilight_stray	45.000	176	23Zet Tau	3.0200	22000.	90	38909	No



102	GOM_NL__2PRFIN20090809_074605_000000692081_00278_38909_6912.N1	09-AUG-2009 07:46:05	Dark	69.000	13	87Alp Tau	0.86700	3800.0	138	38909	No
103	GOM_NL__2PRFIN20090809_074758_000000472081_00278_38909_6913.N1	09-AUG-2009 07:47:58	Dark	47.000	27	24Gam Ori	1.6360	26000.	94	38909	No
104	GOM_NL__2PRFIN20090809_075237_000000532081_00278_38909_6914.N1	09-AUG-2009 07:52:37	Dark	53.000	7	19Bet Ori	0.10000	14000.	106	38909	No
105	GOM_NL__2PRFIN20090809_075822_000000692081_00278_38909_6915.N1	09-AUG-2009 07:58:22	Dark	69.000	165	34Gam Eri	2.9500	3200.0	138	38909	No
106	GOM_NL__2PRFIN20090809_080737_000000502081_00279_38910_6927.N1	09-AUG-2009 08:07:37	Dark	49.500	157	The1Eri	2.9060	9300.0	99	38910	No
107	GOM_NL__2PRFIN20090809_081751_000000552081_00279_38910_6928.N1	09-AUG-2009 08:17:51	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	38910	No
108	GOM_NL__2PRFIN20090809_082115_000000542081_00279_38910_6929.N1	09-AUG-2009 08:21:15	Straylight	53.500	63	Bet Gru	2.1500	2800.0	107	38910	No
109	GOM_NL__2PRFIN20090809_082604_000000582081_00279_38910_6930.N1	09-AUG-2009 08:26:04	Twi_and_stray	58.000	18	24Alp PsA	1.1660	9700.0	116	38910	No
110	GOM_NL__2PRFIN20090809_083219_000000462081_00279_38910_6931.N1	09-AUG-2009 08:32:19	Bright	46.000	142	49Del Cap	2.8500	8900.0	92	38910	No
111	GOM_NL__2PRFIN20090809_083603_000000452081_00279_38910_6932.N1	09-AUG-2009 08:36:03	Bright	45.000	154	22Bet Aqr	2.8990	5700.0	90	38910	No
112	GOM_NL__2PRFIN20090809_084151_000000522081_00279_38910_6933.N1	09-AUG-2009 08:41:51	Bright	51.500	61	8Eps Peg	2.1000	3900.0	103	38910	No
113	GOM_NL__2PRFIN20090809_084806_000000402081_00279_38910_6934.N1	09-AUG-2009 08:48:06	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	38910	No
114	GOM_NL__2PRFIN20090809_085118_000000402081_00279_38910_6935.N1	09-AUG-2009 08:51:18	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	38910	No
115	GOM_NL__2PRFIN20090809_085643_000000392081_00279_38910_6936.N1	09-AUG-2009 08:56:43	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	38910	No
116	GOM_NL__2PRFIN20090809_090220_000000502081_00279_38910_6937.N1	09-AUG-2009 09:02:20	Bright	50.000	74	11Bet Cas	2.2680	6600.0	100	38910	No
117	GOM_NL__2PRFIN20090809_090429_000000502081_00279_38910_6938.N1	09-AUG-2009 09:04:29	Bright	49.500	76	27Gam Cas	2.3000	30000.	99	38910	No
118	GOM_NL__2PRFIN20090809_091126_000000742081_00279_38910_6939.N1	09-AUG-2009 09:11:26	Bright	74.000	160	23Gam Per	2.9300	4700.0	148	38910	No
119	GOM_NL__2PRFIN20090809_091317_000000572081_00279_38910_6940.N1	09-AUG-2009 09:13:17	Bright	56.500	35	33Alp Per	1.7950	6250.0	113	38910	No
120	GOM_NL__2PRFIN20090809_091557_000000462081_00279_38910_6941.N1	09-AUG-2009 09:15:57	Bright	45.500	6	13Alp Aur	0.080000	3400.0	91	38910	No
121	GOM_NL__2PRFIN20090809_091745_000000542081_00279_38910_6942.N1	09-AUG-2009 09:17:45	Bright	54.000	149	45Eps Per	2.8880	30000.	108	38910	No
122	GOM_NL__2PRFIN20090809_092133_000000472081_00279_38910_6943.N1	09-AUG-2009 09:21:33	Twi_and_stray	47.000	28	12Bet Tau	1.6500	15200.	94	38910	No
123	GOM_NL__2PRFIN20090809_092345_000000452081_00279_38910_6944.N1	09-AUG-2009 09:23:45	Twi_and_stray	45.000	176	23Zet Tau	3.0200	22000.	90	38910	No
124	GOM_NL__2PRFIN20090809_092642_000000722081_00279_38910_6945.N1	09-AUG-2009 09:26:42	Dark	72.000	13	87Alp Tau	0.86700	3800.0	144	38910	No
125	GOM_NL__2PRFIN20090809_092834_000000452081_00279_38910_6946.N1	09-AUG-2009 09:28:34	Dark	45.000	27	24Gam Ori	1.6360	26000.	90	38910	No
126	GOM_NL__2PRFIN20090809_093313_000000492081_00279_38910_6947.N1	09-AUG-2009 09:33:13	Dark	48.500	7	19Bet Ori	0.10000	14000.	97	38910	No
127	GOM_NL__2PRFIN20090809_093859_000000582081_00279_38910_6948.N1	09-AUG-2009 09:38:59	Dark	58.000	165	34Gam Eri	2.9500	3200.0	116	38910	No
128	GOM_NL__2PRFIN20090809_094814_000000492081_00280_38911_6941.N1	09-AUG-2009 09:48:14	Dark	49.000	157	The1Eri	2.9060	9300.0	98	38911	No
129	GOM_NL__2PRFIN20090809_095828_000000552081_00280_38911_6942.N1	09-AUG-2009 09:58:28	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	38911	No
130	GOM_NL__2PRFIN20090809_100151_000000552081_00280_38911_6943.N1	09-AUG-2009 10:01:51	Straylight	54.500	63	Bet Gru	2.1500	2800.0	109	38911	No
131	GOM_NL__2PRFIN20090809_100640_000000582081_00280_38911_6944.N1	09-AUG-2009 10:06:40	Twi_and_stray	58.000	18	24Alp PsA	1.1660	9700.0	116	38911	No
132	GOM_NL__2PRFIN20090809_101255_000000432081_00280_38911_6945.N1	09-AUG-2009 10:12:55	Bright	43.000	142	49Del Cap	2.8500	8900.0	86	38911	No
133	GOM_NL__2PRFIN20090809_101639_000000462081_00280_38911_6946.N1	09-AUG-2009 10:16:39	Bright	45.500	154	22Bet Aqr	2.8990	5700.0	91	38911	No
134	GOM_NL__2PRFIN20090809_102226_000000502081_00280_38911_6947.N1	09-AUG-2009 10:22:26	Bright	50.000	61	8Eps Peg	2.1000	3900.0	100	38911	No
135	GOM_NL__2PRFIN20090809_102842_000000392081_00280_38911_6948.N1	09-AUG-2009 10:28:42	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	38911	No
136	GOM_NL__2PRFIN20090809_103153_000000402081_00280_38911_6949.N1	09-AUG-2009 10:31:53	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	38911	No
137	GOM_NL__2PRFIN20090809_103719_000000392081_00280_38911_6950.N1	09-AUG-2009 10:37:19	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	38911	No
138	GOM_NL__2PRFIN20090809_104255_000000482081_00280_38911_6951.N1	09-AUG-2009 10:42:55	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	38911	No
139	GOM_NL__2PRFIN20090809_104504_000000512081_00280_38911_6952.N1	09-AUG-2009 10:45:04	Bright	51.000	76	27Gam Cas	2.3000	30000.	102	38911	No
140	GOM_NL__2PRFIN20090809_105202_000000502081_00280_38911_6953.N1	09-AUG-2009 10:52:02	Bright	49.500	160	23Gam Per	2.9300	4700.0	99	38911	No
141	GOM_NL__2PRFIN20090809_105352_000000532081_00280_38911_6954.N1	09-AUG-2009 10:53:52	Bright	52.500	35	33Alp Per	1.7950	6250.0	105	38911	No
142	GOM_NL__2PRFIN20090809_105633_000000462081_00280_38911_6955.N1	09-AUG-2009 10:56:33	Bright	45.500	6	13Alp Aur	0.080000	3400.0	91	38911	No
143	GOM_NL__2PRFIN20090809_105821_000000552081_00280_38911_6956.N1	09-AUG-2009 10:58:21	Bright	55.000	149	45Eps Per	2.8880	30000.	110	38911	No
144	GOM_NL__2PRFIN20090809_110209_000000482081_00280_38911_6957.N1	09-AUG-2009 11:02:09	Twi_and_stray	47.500	28	12Bet Tau	1.6500	15200.	95	38911	No
145	GOM_NL__2PRFIN20090809_110421_000000442081_00280_38911_6958.N1	09-AUG-2009 11:04:21	Twi_and_stray	44.000	176	23Zet Tau	3.0200	22000.	88	38911	No
146	GOM_NL__2PRFIN20090809_110718_000000732081_00280_38911_6959.N1	09-AUG-2009 11:07:18	Dark	73.000	13	87Alp Tau	0.86700	3800.0	146	38911	No
147	GOM_NL__2PRFIN20090809_110911_000000412081_00280_38911_6960.N1	09-AUG-2009 11:09:11	Dark	41.000	27	24Gam Ori	1.6360	26000.	82	38911	No
148	GOM_NL__2PRFIN20090809_111350_000000492081_00280_38911_6961.N1	09-AUG-2009 11:13:50	Dark	48.500	7	19Bet Ori	0.10000	14000.	97	38911	No
149	GOM_NL__2PRFIN20090809_111936_000000672081_00280_38911_6962.N1	09-AUG-2009 11:19:36	Dark	66.500	165	34Gam Eri	2.9500	3200.0	133	38911	No
150	GOM_NL__2PRFIN20090809_112851_000000482081_00281_38912_6956.N1	09-AUG-2009 11:28:51	Dark	47.500	157	The1Eri	2.9060	9300.0	95	38912	No
151	GOM_NL__2PRFIN20090809_113905_000000542081_00281_38912_6957.N1	09-AUG-2009 11:39:05	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	38912	No
152	GOM_NL__2PRFIN20090809_114228_000000472081_00281_38912_6958.N1	09-AUG-2009 11:42:28	Straylight	47.000	63	Bet Gru	2.1500	2800.0	94	38912	No
153	GOM_NL__2PRFIN20090809_114716_000000592081_00281_38912_6959.N1	09-AUG-2009 11:47:16	Twi_and_stray	58.500	18	24Alp PsA	1.1660	9700.0	117	38912	No
154	GOM_NL__2PRFIN20090809_115715_000000452081_00281_38912_6960.N1	09-AUG-2009 11:57:15	Bright	45.000	154	22Bet Aqr	2.8990	5700.0	90	38912	No
155	GOM_NL__2PRFIN20090809_120302_000000512081_00281_38912_6961.N1	09-AUG-2009 12:03:02	Bright	51.000	61	8Eps Peg	2.1000	3900.0	102	38912	No
156	GOM_NL__2PRFIN20090809_120917_000000392081_00281_38912_6962.N1	09-AUG-2009 12:09:17	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	38912	No
157	GOM_NL__2PRFIN20090809_121229_000000572081_00281_38912_6963.N1	09-AUG-2009 12:12:29	Bright	57.000	19	50Alp Cyg	1.2460	10500.	114	38912	No
158	GOM_NL__2PRFIN20090809_121754_000000402081_00281_38912_6964.N1	09-AUG-2009 12:17:54	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	38912	No
159	GOM_NL__2PRFIN20090809_122331_000000482081_00281_38912_6965.N1	09-AUG-2009 12:23:31	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	38912	No
160	GOM_NL__2PRFIN20090809_122539_000000482081_00281_38912_6966.N1	09-AUG-2009 12:25:39	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	38912	No

161	GOM_NL__2PRFIN20090809_123237_000000502081_00281_38912_6967.N1	09-AUG-2009 12:32:37	Bright	50.000	160	23Gam Per	2.9300	4700.0	100	38912	No
162	GOM_NL__2PRFIN20090809_123428_000000552081_00281_38912_6968.N1	09-AUG-2009 12:34:28	Bright	54.500	35	33Alp Per	1.7950	6250.0	109	38912	No
163	GOM_NL__2PRFIN20090809_123709_000000472081_00281_38912_6969.N1	09-AUG-2009 12:37:09	Bright	46.500	6	13Alp Aur	0.080000	3400.0	93	38912	No
164	GOM_NL__2PRFIN20090809_123857_000000532081_00281_38912_6970.N1	09-AUG-2009 12:38:57	Bright	52.500	149	45Eps Per	2.8880	30000.	105	38912	No
165	GOM_NL__2PRFIN20090809_124245_000000492081_00281_38912_6971.N1	09-AUG-2009 12:42:45	Tw_i_and_stray	49.000	28	12Bet Tau	1.6500	15200.	98	38912	No
166	GOM_NL__2PRFIN20090809_124458_000000422081_00281_38912_6972.N1	09-AUG-2009 12:44:58	Tw_i_and_stray	42.000	176	23Zet Tau	3.0200	22000.	84	38912	No
167	GOM_NL__2PRFIN20090809_124755_000000632081_00281_38912_6973.N1	09-AUG-2009 12:47:55	Dark	62.500	13	87Alp Tau	0.86700	3800.0	125	38912	No
168	GOM_NL__2PRFIN20090809_124947_000000472081_00281_38912_6974.N1	09-AUG-2009 12:49:47	Dark	46.500	27	24Gam Ori	1.6360	26000.	93	38912	No
169	GOM_NL__2PRFIN20090809_125426_000000522081_00281_38912_6975.N1	09-AUG-2009 12:54:26	Dark	51.500	7	19Bet Ori	0.10000	14000.	103	38912	No
170	GOM_NL__2PRFIN20090809_130013_000000652081_00281_38912_6976.N1	09-AUG-2009 13:00:13	Dark	65.000	165	34Gam Eri	2.9500	3200.0	130	38912	No
171	GOM_NL__2PRFIN20090809_130928_000000482081_00282_38913_6973.N1	09-AUG-2009 13:09:28	Dark	48.000	157	The1Eri	2.9060	9300.0	96	38913	No
172	GOM_NL__2PRFIN20090809_131942_000000522081_00282_38913_6974.N1	09-AUG-2009 13:19:42	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	38913	No
173	GOM_NL__2PRFIN20090809_132304_000000472081_00282_38913_6975.N1	09-AUG-2009 13:23:04	Straylight	47.000	63	Bet Gru	2.1500	2800.0	94	38913	No
174	GOM_NL__2PRFIN20090809_132753_000000572081_00282_38913_6976.N1	09-AUG-2009 13:27:53	Tw_i_and_stray	57.000	18	24Alp PsA	1.1660	9700.0	114	38913	No
175	GOM_NL__2PRFIN20090809_133751_000000432081_00282_38913_6977.N1	09-AUG-2009 13:37:51	Bright	43.000	154	22Bet Aqr	2.8990	5700.0	86	38913	No
176	GOM_NL__2PRFIN20090809_134337_000000502081_00282_38913_6978.N1	09-AUG-2009 13:43:37	Bright	49.500	61	8Eps Peg	2.1000	3900.0	99	38913	No
177	GOM_NL__2PRFIN20090809_134953_000000402081_00282_38913_6979.N1	09-AUG-2009 13:49:53	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	38913	No
178	GOM_NL__2PRFIN20090809_135304_000000402081_00282_38913_6980.N1	09-AUG-2009 13:53:04	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	38913	No
179	GOM_NL__2PRFIN20090809_135830_000000402081_00282_38913_6981.N1	09-AUG-2009 13:58:30	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	38913	No
180	GOM_NL__2PRFIN20090809_140406_000000472081_00282_38913_6982.N1	09-AUG-2009 14:04:06	Bright	47.000	74	11Bet Cas	2.2680	6600.0	94	38913	No
181	GOM_NL__2PRFIN20090809_140614_000000472081_00282_38913_6983.N1	09-AUG-2009 14:06:14	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	38913	No
182	GOM_NL__2PRFIN20090809_141313_000000502081_00282_38913_6984.N1	09-AUG-2009 14:13:13	Bright	50.000	160	23Gam Per	2.9300	4700.0	100	38913	No
183	GOM_NL__2PRFIN20090809_141504_000000532081_00282_38913_6985.N1	09-AUG-2009 14:15:04	Bright	53.000	35	33Alp Per	1.7950	6250.0	106	38913	No
184	GOM_NL__2PRFIN20090809_141745_000000592081_00282_38913_6986.N1	09-AUG-2009 14:17:45	Bright	59.000	6	13Alp Aur	0.080000	3400.0	118	38913	No
185	GOM_NL__2PRFIN20090809_141932_000000542081_00282_38913_6987.N1	09-AUG-2009 14:19:32	Bright	54.000	149	45Eps Per	2.8880	30000.	108	38913	No
186	GOM_NL__2PRFIN20090809_142321_000000472081_00282_38913_6988.N1	09-AUG-2009 14:23:21	Tw_i_and_stray	46.500	28	12Bet Tau	1.6500	15200.	93	38913	No
187	GOM_NL__2PRFIN20090809_142534_000000412081_00282_38913_6989.N1	09-AUG-2009 14:25:34	Tw_i_and_stray	40.500	176	23Zet Tau	3.0200	22000.	81	38913	No
188	GOM_NL__2PRFIN20090809_142831_000000632081_00282_38913_6990.N1	09-AUG-2009 14:28:31	Dark	62.500	13	87Alp Tau	0.86700	3800.0	125	38913	No
189	GOM_NL__2PRFIN20090809_143024_000000472081_00282_38913_6991.N1	09-AUG-2009 14:30:24	Dark	47.000	27	24Gam Ori	1.6360	26000.	94	38913	No
190	GOM_NL__2PRFIN20090809_143503_000000522081_00282_38913_6992.N1	09-AUG-2009 14:35:03	Dark	51.500	7	19Bet Ori	0.10000	14000.	103	38913	No
191	GOM_NL__2PRFIN20090809_144051_000000672081_00282_38913_6993.N1	09-AUG-2009 14:40:51	Dark	66.500	165	34Gam Eri	2.9500	3200.0	133	38913	No
192	GOM_NL__2PRFIN20090809_145005_000000492081_00283_38914_6987.N1	09-AUG-2009 14:50:05	Dark	49.000	157	The1Eri	2.9060	9300.0	98	38914	No
193	GOM_NL__2PRFIN20090809_150019_000000562081_00283_38914_6988.N1	09-AUG-2009 15:00:19	Straylight	56.000	84	Alp Phe	2.3970	4500.0	112	38914	No
194	GOM_NL__2PRFIN20090809_150341_000000492081_00283_38914_6989.N1	09-AUG-2009 15:03:41	Straylight	48.500	63	Bet Gru	2.1500	2800.0	97	38914	No
195	GOM_NL__2PRFIN20090809_150829_000000562081_00283_38914_6990.N1	09-AUG-2009 15:08:29	Tw_i_and_stray	55.500	18	24Alp PsA	1.1660	9700.0	111	38914	No
196	GOM_NL__2PRFIN20090809_151827_000000432081_00283_38914_6991.N1	09-AUG-2009 15:18:27	Bright	43.000	154	22Bet Aqr	2.8990	5700.0	86	38914	No
197	GOM_NL__2PRFIN20090809_152413_000000512081_00283_38914_6992.N1	09-AUG-2009 15:24:13	Bright	50.500	61	8Eps Peg	2.1000	3900.0	101	38914	No
198	GOM_NL__2PRFIN20090809_153028_000000382081_00283_38914_6993.N1	09-AUG-2009 15:30:28	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	38914	No
199	GOM_NL__2PRFIN20090809_153340_000000402081_00283_38914_6994.N1	09-AUG-2009 15:33:40	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	38914	No
200	GOM_NL__2PRFIN20090809_153905_000000402081_00283_38914_6995.N1	09-AUG-2009 15:39:05	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	38914	No
201	GOM_NL__2PRFIN20090809_154441_000000502081_00283_38914_6996.N1	09-AUG-2009 15:44:41	Bright	50.000	74	11Bet Cas	2.2680	6600.0	100	38914	No
202	GOM_NL__2PRFIN20090809_154650_000000472081_00283_38914_6997.N1	09-AUG-2009 15:46:50	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	38914	No
203	GOM_NL__2PRFIN20090809_155348_000000742081_00283_38914_6998.N1	09-AUG-2009 15:53:48	Bright	74.000	160	23Gam Per	2.9300	4700.0	148	38914	No
204	GOM_NL__2PRFIN20090809_155539_000000552081_00283_38914_6999.N1	09-AUG-2009 15:55:39	Bright	55.000	35	33Alp Per	1.7950	6250.0	110	38914	No
205	GOM_NL__2PRFIN20090809_155821_000000592081_00283_38914_7000.N1	09-AUG-2009 15:58:21	Bright	59.000	6	13Alp Aur	0.080000	3400.0	118	38914	No
206	GOM_NL__2PRFIN20090809_160008_000000572081_00283_38914_7001.N1	09-AUG-2009 16:00:08	Bright	56.500	149	45Eps Per	2.8880	30000.	113	38914	No
207	GOM_NL__2PRFIN20090809_160357_000000462081_00283_38914_7002.N1	09-AUG-2009 16:03:57	Tw_i_and_stray	45.500	28	12Bet Tau	1.6500	15200.	91	38914	No
208	GOM_NL__2PRFIN20090809_160610_000000452081_00283_38914_7003.N1	09-AUG-2009 16:06:10	Tw_i_and_stray	44.500	176	23Zet Tau	3.0200	22000.	89	38914	No
209	GOM_NL__2PRFIN20090809_160908_000000742081_00283_38914_7004.N1	09-AUG-2009 16:09:08	Dark	74.000	13	87Alp Tau	0.86700	3800.0	148	38914	No
210	GOM_NL__2PRFIN20090809_161100_000000492081_00283_38914_7005.N1	09-AUG-2009 16:11:00	Dark	49.000	27	24Gam Ori	1.6360	26000.	98	38914	No
211	GOM_NL__2PRFIN20090809_161247_000000442081_00283_38914_7006.N1	09-AUG-2009 16:12:47	Dark	43.500	72	34Del Ori	2.2500	30000.	87	38914	No
212	GOM_NL__2PRFIN20090809_161539_000000502081_00283_38914_7007.N1	09-AUG-2009 16:15:39	Dark	50.000	7	19Bet Ori	0.10000	14000.	100	38914	No
213	GOM_NL__2PRFIN20090809_162128_000000652081_00283_38914_7008.N1	09-AUG-2009 16:21:28	Dark	64.500	165	34Gam Eri	2.9500	3200.0	129	38914	No
214	GOM_NL__2PRFIN20090809_163042_000000502081_00284_38915_7002.N1	09-AUG-2009 16:30:42	Dark	50.000	157	The1Eri	2.9060	9300.0	100	38915	No
215	GOM_NL__2PRFIN20090809_164056_000000522081_00284_38915_7003.N1	09-AUG-2009 16:40:56	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	38915	No
216	GOM_NL__2PRFIN20090809_164417_000000512081_00284_38915_7004.N1	09-AUG-2009 16:44:17	Straylight	51.000	63	Bet Gru	2.1500	2800.0	102	38915	No
217	GOM_NL__2PRFIN20090809_164906_000000562081_00284_38915_7005.N1	09-AUG-2009 16:49:06	Tw_i_and_stray	56.000	18	24Alp PsA	1.1660	9700.0	112	38915	No
218	GOM_NL__2PRFIN20090809_165902_000000652081_00284_38915_7006.N1	09-AUG-2009 16:59:02	Bright	65.000	154	22Bet Aqr	2.8990	5700.0	130	38915	No
219	GOM_NL__2PRFIN20090809_170448_000000722081_00284_38915_7007.N1	09-AUG-2009 17:04:48	Bright	72.000	61	8Eps Peg	2.1000	3900.0	144	38915	No

220	GOM_NL__2PRFIN20090809_171104_000000392081_00284_38915_7008.N1	09-AUG-2009 17:11:04	Bright	39.000	92	53Eps Cyg	2.5000	4500.0	78	38915	No
221	GOM_NL__2PRFIN20090809_171415_000000572081_00284_38915_7009.N1	09-AUG-2009 17:14:15	Bright	57.000	19	50Alp Cyg	1.2460	10500.	114	38915	No
222	GOM_NL__2PRFIN20090809_171941_000000402081_00284_38915_7010.N1	09-AUG-2009 17:19:41	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	38915	No
223	GOM_NL__2PRFIN20090809_172516_000000502081_00284_38915_7011.N1	09-AUG-2009 17:25:16	Bright	50.000	74	11Bet Cas	2.2680	6600.0	100	38915	No
224	GOM_NL__2PRFIN20090809_172725_000000482081_00284_38915_7012.N1	09-AUG-2009 17:27:25	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	38915	No
225	GOM_NL__2PRFIN20090809_173424_000000742081_00284_38915_7013.N1	09-AUG-2009 17:34:24	Bright	74.000	160	23Gam Per	2.9300	4700.0	148	38915	No
226	GOM_NL__2PRFIN20090809_173615_000000562081_00284_38915_7014.N1	09-AUG-2009 17:36:15	Bright	55.500	35	33Alp Per	1.7950	6250.0	111	38915	No
227	GOM_NL__2PRFIN20090809_173857_000000592081_00284_38915_7015.N1	09-AUG-2009 17:38:57	Bright	59.000	6	13Alp Aur	0.080000	3400.0	118	38915	No
228	GOM_NL__2PRFIN20090809_174044_000000522081_00284_38915_7016.N1	09-AUG-2009 17:40:44	Bright	52.000	149	45Eps Per	2.8880	30000.	104	38915	No
229	GOM_NL__2PRFIN20090809_174433_000000472081_00284_38915_7017.N1	09-AUG-2009 17:44:33	Twilight	46.500	28	12Bet Tau	1.6500	15200.	93	38915	No
230	GOM_NL__2PRFIN20090809_174646_000000452081_00284_38915_7018.N1	09-AUG-2009 17:46:46	Twilight	44.500	176	23Zet Tau	3.0200	22000.	89	38915	No
231	GOM_NL__2PRFIN20090809_174944_000000612081_00284_38915_7019.N1	09-AUG-2009 17:49:44	Dark	61.000	13	87Alp Tau	0.86700	3800.0	122	38915	No
232	GOM_NL__2PRFIN20090809_175137_000000462081_00284_38915_7020.N1	09-AUG-2009 17:51:37	Dark	46.000	27	24Gam Ori	1.6360	26000.	92	38915	No
233	GOM_NL__2PRFIN20090809_175324_000000462081_00284_38915_7021.N1	09-AUG-2009 17:53:24	Dark	45.500	72	34Del Ori	2.2500	30000.	91	38915	No
234	GOM_NL__2PRFIN20090809_175616_000000552081_00284_38915_7022.N1	09-AUG-2009 17:56:16	Dark	54.500	7	19Bet Ori	0.10000	14000.	109	38915	No
235	GOM_NL__2PRFIN20090809_180206_000000632081_00284_38915_7023.N1	09-AUG-2009 18:02:06	Dark	62.500	165	34Gam Eri	2.9500	3200.0	125	38915	No
236	GOM_NL__2PRFIN20090809_181119_000000492081_00285_38916_7017.N1	09-AUG-2009 18:11:19	Dark	49.000	157	The1Eri	2.9060	9300.0	98	38916	No
237	GOM_NL__2PRFIN20090809_182133_000000642081_00285_38916_7018.N1	09-AUG-2009 18:21:33	Straylight	64.000	84	Alp Phe	2.3970	4500.0	128	38916	No
238	GOM_NL__2PRFIN20090809_182454_000000562081_00285_38916_7019.N1	09-AUG-2009 18:24:54	Straylight	55.500	63	Bet Gru	2.1500	2800.0	111	38916	No
239	GOM_NL__2PRFIN20090809_182943_000000582081_00285_38916_7020.N1	09-AUG-2009 18:29:43	Twilight	57.500	18	24Alp PsA	1.1660	9700.0	115	38916	No
240	GOM_NL__2PRFIN20090809_183938_000000462081_00285_38916_7021.N1	09-AUG-2009 18:39:38	Bright	46.000	154	22Bet Aqr	2.8990	5700.0	92	38916	No
241	GOM_NL__2PRFIN20090809_184524_000000722081_00285_38916_7022.N1	09-AUG-2009 18:45:24	Bright	72.000	61	8Eps Peg	2.1000	3900.0	144	38916	No
242	GOM_NL__2PRFIN20090809_185140_000000582081_00285_38916_7023.N1	09-AUG-2009 18:51:40	Bright	58.000	92	53Eps Cyg	2.5000	4500.0	116	38916	No
243	GOM_NL__2PRFIN20090809_185451_000000402081_00285_38916_7024.N1	09-AUG-2009 18:54:51	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	38916	No
244	GOM_NL__2PRFIN20090809_190017_000000392081_00285_38916_7025.N1	09-AUG-2009 19:00:17	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	38916	No
245	GOM_NL__2PRFIN20090809_190551_000000502081_00285_38916_7026.N1	09-AUG-2009 19:05:51	Bright	50.000	74	11Bet Cas	2.2680	6600.0	100	38916	No
246	GOM_NL__2PRFIN20090809_190800_000000482081_00285_38916_7027.N1	09-AUG-2009 19:08:00	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	38916	No
247	GOM_NL__2PRFIN20090809_191459_000000512081_00285_38916_7028.N1	09-AUG-2009 19:14:59	Bright	51.000	160	23Gam Per	2.9300	4700.0	102	38916	No
248	GOM_NL__2PRFIN20090809_191650_000000642081_00285_38916_7029.N1	09-AUG-2009 19:16:50	Bright	64.000	35	33Alp Per	1.7950	6250.0	128	38916	No
249	GOM_NL__2PRFIN20090809_191933_000000472081_00285_38916_7030.N1	09-AUG-2009 19:19:33	Bright	46.500	6	13Alp Aur	0.080000	3400.0	93	38916	No
250	GOM_NL__2PRFIN20090809_192120_000000522081_00285_38916_7031.N1	09-AUG-2009 19:21:20	Bright	52.000	149	45Eps Per	2.8880	30000.	104	38916	No
251	GOM_NL__2PRFIN20090809_192510_000000472081_00285_38916_7032.N1	09-AUG-2009 19:25:10	Twilight	47.000	28	12Bet Tau	1.6500	15200.	94	38916	No
252	GOM_NL__2PRFIN20090809_192722_000000442081_00285_38916_7033.N1	09-AUG-2009 19:27:22	Twilight	43.500	176	23Zet Tau	3.0200	22000.	87	38916	No
253	GOM_NL__2PRFIN20090809_193021_000000702081_00285_38916_7034.N1	09-AUG-2009 19:30:21	Dark	70.000	13	87Alp Tau	0.86700	3800.0	140	38916	No
254	GOM_NL__2PRFIN20090809_193213_000000482081_00285_38916_7035.N1	09-AUG-2009 19:32:13	Dark	47.500	27	24Gam Ori	1.6360	26000.	95	38916	No
255	GOM_NL__2PRFIN20090809_193400_000000442081_00285_38916_7036.N1	09-AUG-2009 19:34:00	Dark	44.000	72	34Del Ori	2.2500	30000.	88	38916	No
256	GOM_NL__2PRFIN20090809_193653_000000562081_00285_38916_7037.N1	09-AUG-2009 19:36:53	Dark	55.500	7	19Bet Ori	0.10000	14000.	111	38916	No
257	GOM_NL__2PRFIN20090809_194243_000000662081_00285_38916_7038.N1	09-AUG-2009 19:42:43	Dark	66.000	165	34Gam Eri	2.9500	3200.0	132	38916	No
258	GOM_NL__2PRFIN20090809_195156_000000482081_00286_38917_7031.N1	09-AUG-2009 19:51:56	Dark	48.000	157	The1Eri	2.9060	9300.0	96	38917	No
259	GOM_NL__2PRFIN20090809_200209_000000652081_00286_38917_7032.N1	09-AUG-2009 20:02:09	Straylight	64.500	84	Alp Phe	2.3970	4500.0	129	38917	No
260	GOM_NL__2PRFIN20090809_200530_000000582081_00286_38917_7033.N1	09-AUG-2009 20:05:30	Straylight	57.500	63	Bet Gru	2.1500	2800.0	115	38917	No
261	GOM_NL__2PRFIN20090809_201019_000000572081_00286_38917_7034.N1	09-AUG-2009 20:10:19	Twilight	57.000	18	24Alp PsA	1.1660	9700.0	114	38917	No
262	GOM_NL__2PRFIN20090809_202014_000000462081_00286_38917_7035.N1	09-AUG-2009 20:20:14	Bright	45.500	154	22Bet Aqr	2.8990	5700.0	91	38917	No
263	GOM_NL__2PRFIN20090809_202559_000000482081_00286_38917_7036.N1	09-AUG-2009 20:25:59	Bright	48.000	61	8Eps Peg	2.1000	3900.0	96	38917	No
264	GOM_NL__2PRFIN20090809_203215_000000402081_00286_38917_7037.N1	09-AUG-2009 20:32:15	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	38917	No
265	GOM_NL__2PRFIN20090809_203527_000000402081_00286_38917_7038.N1	09-AUG-2009 20:35:27	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	38917	No
266	GOM_NL__2PRFIN20090809_204052_000000402081_00286_38917_7039.N1	09-AUG-2009 20:40:52	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	38917	No
267	GOM_NL__2PRFIN20090809_204626_000000502081_00286_38917_7040.N1	09-AUG-2009 20:46:26	Bright	50.000	74	11Bet Cas	2.2680	6600.0	100	38917	No
268	GOM_NL__2PRFIN20090809_204835_000000482081_00286_38917_7041.N1	09-AUG-2009 20:48:35	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	38917	No
269	GOM_NL__2PRFIN20090809_205535_000000512081_00286_38917_7042.N1	09-AUG-2009 20:55:35	Bright	51.000	160	23Gam Per	2.9300	4700.0	102	38917	No
270	GOM_NL__2PRFIN20090809_205726_000000562081_00286_38917_7043.N1	09-AUG-2009 20:57:26	Bright	55.500	35	33Alp Per	1.7950	6250.0	111	38917	No
271	GOM_NL__2PRFIN20090809_210008_000000462081_00286_38917_7044.N1	09-AUG-2009 21:00:08	Bright	46.000	6	13Alp Aur	0.080000	3400.0	92	38917	No
272	GOM_NL__2PRFIN20090809_210156_000000532081_00286_38917_7045.N1	09-AUG-2009 21:01:56	Bright	53.000	149	45Eps Per	2.8880	30000.	106	38917	No
273	GOM_NL__2PRFIN20090809_210546_000000492081_00286_38917_7046.N1	09-AUG-2009 21:05:46	Twilight	48.500	28	12Bet Tau	1.6500	15200.	97	38917	No
274	GOM_NL__2PRFIN20090809_210759_000000432081_00286_38917_7047.N1	09-AUG-2009 21:07:59	Twilight	43.000	176	23Zet Tau	3.0200	22000.	86	38917	No
275	GOM_NL__2PRFIN20090809_211057_000000682081_00286_38917_7048.N1	09-AUG-2009 21:10:57	Dark	67.500	13	87Alp Tau	0.86700	3800.0	135	38917	No
276	GOM_NL__2PRFIN20090809_211249_000000472081_00286_38917_7049.N1	09-AUG-2009 21:12:49	Dark	47.000	27	24Gam Ori	1.6360	26000.	94	38917	No
277	GOM_NL__2PRFIN20090809_211436_000000452081_00286_38917_7050.N1	09-AUG-2009 21:14:36	Dark	45.000	72	34Del Ori	2.2500	30000.	90	38917	No
278	GOM_NL__2PRFIN20090809_211729_000000512081_00286_38917_7051.N1	09-AUG-2009 21:17:29	Dark	50.500	7	19Bet Ori	0.10000	14000.	101	38917	No

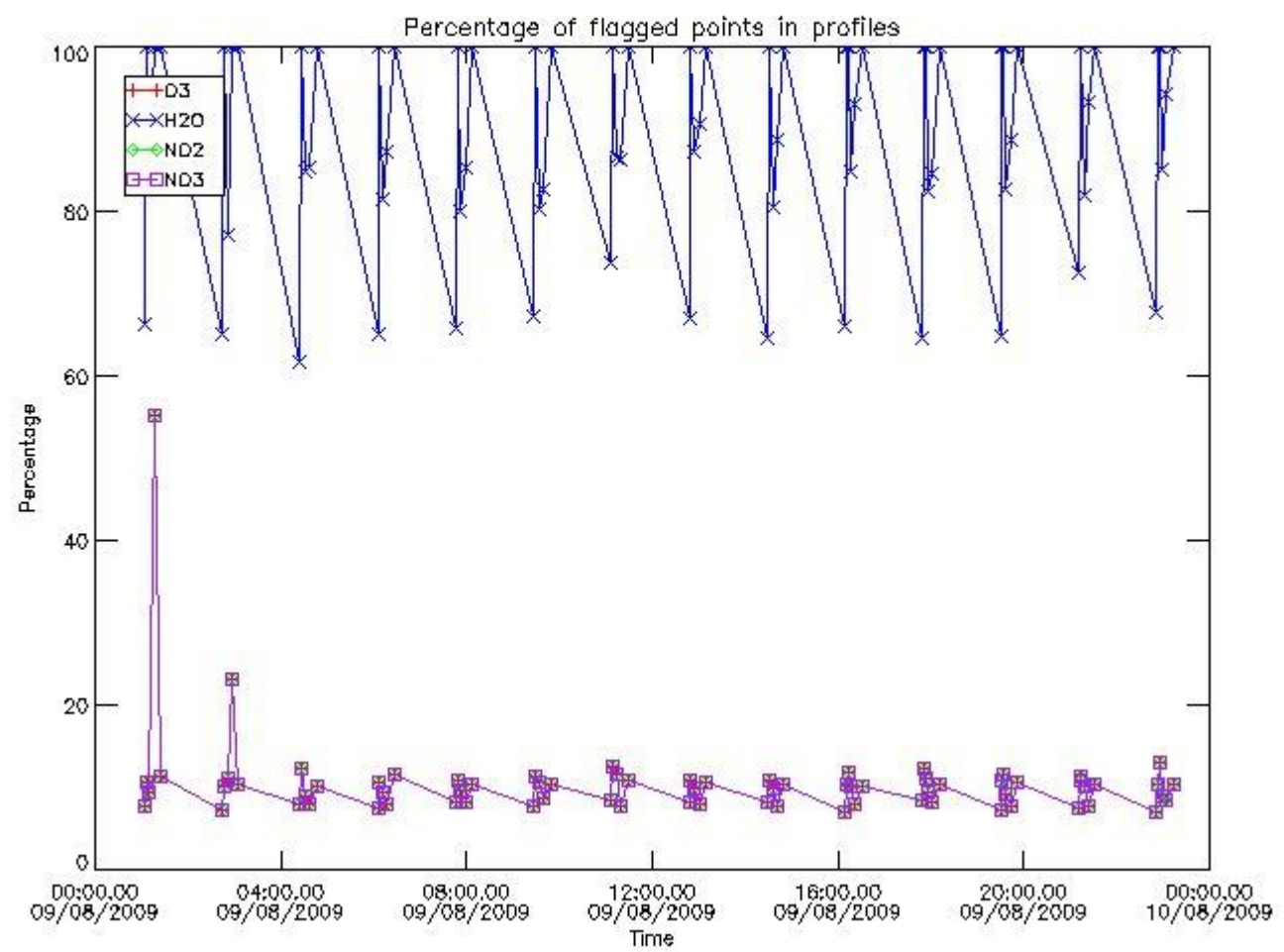


279	GOM_NL__2PRFIN20090809_212320_000000672081_00286_38917_7052.N1	09-AUG-2009 21:23:20	Dark	66.500	165	34Gam Eri	2.9500	3200.0	133	38917	No
280	GOM_NL__2PRFIN20090809_213233_000000502081_00287_38918_7043.N1	09-AUG-2009 21:32:33	Dark	49.500	157	The1Eri	2.9060	9300.0	99	38918	No
281	GOM_NL__2PRFIN20090809_214246_000000642081_00287_38918_7044.N1	09-AUG-2009 21:42:46	Straylight	63.500	84	Alp Phe	2.3970	4500.0	127	38918	No
282	GOM_NL__2PRFIN20090809_214607_000000572081_00287_38918_7045.N1	09-AUG-2009 21:46:07	Straylight	56.500	63	Bet Gru	2.1500	2800.0	113	38918	No
283	GOM_NL__2PRFIN20090809_215055_000000582081_00287_38918_7046.N1	09-AUG-2009 21:50:55	Tw_i_and_stray	57.500	18	24Alp PsA	1.1660	9700.0	115	38918	No
284	GOM_NL__2PRFIN20090809_215707_000000642081_00287_38918_7047.N1	09-AUG-2009 21:57:07	Bright	64.000	142	49Del Cap	2.8500	8900.0	128	38918	No
285	GOM_NL__2PRFIN20090809_220050_000000452081_00287_38918_7048.N1	09-AUG-2009 22:00:50	Bright	45.000	154	22Bet Aqr	2.8990	5700.0	90	38918	No
286	GOM_NL__2PRFIN20090809_220634_000000482081_00287_38918_7049.N1	09-AUG-2009 22:06:34	Bright	47.500	61	8Eps Peg	2.1000	3900.0	95	38918	No
287	GOM_NL__2PRFIN20090809_221251_000000392081_00287_38918_7050.N1	09-AUG-2009 22:12:51	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	38918	No
288	GOM_NL__2PRFIN20090809_221602_000000372081_00287_38918_7051.N1	09-AUG-2009 22:16:02	Bright	36.500	19	50Alp Cyg	1.2460	10500.	73	38918	No
289	GOM_NL__2PRFIN20090809_222128_000000392081_00287_38918_7052.N1	09-AUG-2009 22:21:28	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	38918	No
290	GOM_NL__2PRFIN20090809_222701_000000502081_00287_38918_7053.N1	09-AUG-2009 22:27:01	Bright	50.000	74	11Bet Cas	2.2680	6600.0	100	38918	No
291	GOM_NL__2PRFIN20090809_222911_000000462081_00287_38918_7054.N1	09-AUG-2009 22:29:11	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	38918	No
292	GOM_NL__2PRFIN20090809_223610_000000512081_00287_38918_7055.N1	09-AUG-2009 22:36:10	Bright	50.500	160	23Gam Per	2.9300	4700.0	101	38918	No
293	GOM_NL__2PRFIN20090809_223801_000000542081_00287_38918_7056.N1	09-AUG-2009 22:38:01	Bright	54.000	35	33Alp Per	1.7950	6250.0	108	38918	No
294	GOM_NL__2PRFIN20090809_224044_000000472081_00287_38918_7057.N1	09-AUG-2009 22:40:44	Bright	46.500	6	13Alp Aur	0.080000	3400.0	93	38918	No
295	GOM_NL__2PRFIN20090809_224232_000000552081_00287_38918_7058.N1	09-AUG-2009 22:42:32	Bright	55.000	149	45Eps Per	2.8880	30000.	110	38918	No
296	GOM_NL__2PRFIN20090809_224622_000000492081_00287_38918_7059.N1	09-AUG-2009 22:46:22	Tw_i_and_stray	48.500	28	12Bet Tau	1.6500	15200.	97	38918	No
297	GOM_NL__2PRFIN20090809_224835_000000442081_00287_38918_7060.N1	09-AUG-2009 22:48:35	Tw_i_and_stray	43.500	176	23Zet Tau	3.0200	22000.	87	38918	No
298	GOM_NL__2PRFIN20090809_225134_000000732081_00287_38918_7061.N1	09-AUG-2009 22:51:34	Dark	73.000	13	87Alp Tau	0.86700	3800.0	146	38918	No
299	GOM_NL__2PRFIN20090809_225326_000000492081_00287_38918_7062.N1	09-AUG-2009 22:53:26	Dark	49.000	27	24Gam Ori	1.6360	26000.	98	38918	No
300	GOM_NL__2PRFIN20090809_225513_000000472081_00287_38918_7063.N1	09-AUG-2009 22:55:13	Dark	46.500	72	34Del Ori	2.2500	30000.	93	38918	No
301	GOM_NL__2PRFIN20090809_225806_000000572081_00287_38918_7064.N1	09-AUG-2009 22:58:06	Dark	56.500	7	19Bet Ori	0.10000	14000.	113	38918	No
302	GOM_NL__2PRFIN20090809_230357_000000602081_00287_38918_7065.N1	09-AUG-2009 23:03:57	Dark	60.000	165	34Gam Eri	2.9500	3200.0	120	38918	No
303	GOM_NL__2PRFIN20090809_231310_000000492081_00288_38919_7053.N1	09-AUG-2009 23:13:10	Dark	49.000	157	The1Eri	2.9060	9300.0	98	38919	No
304	GOM_NL__2PRFIN20090809_232323_000000642081_00288_38919_7054.N1	09-AUG-2009 23:23:23	Straylight	63.500	84	Alp Phe	2.3970	4500.0	127	38919	No
305	GOM_NL__2PRFIN20090809_232643_000000572081_00288_38919_7055.N1	09-AUG-2009 23:26:43	Straylight	56.500	63	Bet Gru	2.1500	2800.0	113	38919	No
306	GOM_NL__2PRFIN20090809_233132_000000582081_00288_38919_7056.N1	09-AUG-2009 23:31:32	Tw_i_and_stray	58.000	18	24Alp PsA	1.1660	9700.0	116	38919	No
307	GOM_NL__2PRFIN20090809_233743_000000452081_00288_38919_7057.N1	09-AUG-2009 23:37:43	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	38919	No
308	GOM_NL__2PRFIN20090809_234126_000000432081_00288_38919_7058.N1	09-AUG-2009 23:41:26	Bright	42.500	154	22Bet Aqr	2.8990	5700.0	85	38919	No
309	GOM_NL__2PRFIN20090809_234710_000000512081_00288_38919_7059.N1	09-AUG-2009 23:47:10	Bright	51.000	61	8Eps Peg	2.1000	3900.0	102	38919	No
310	GOM_NL__2PRFIN20090809_235326_000000382081_00288_38919_7060.N1	09-AUG-2009 23:53:26	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	38919	No
311	GOM_NL__2PRFIN20090809_235638_000000362081_00288_38919_7061.N1	09-AUG-2009 23:56:38	Bright	36.000	19	50Alp Cyg	1.2460	10500.	72	38919	No

### 3. Quality information per product

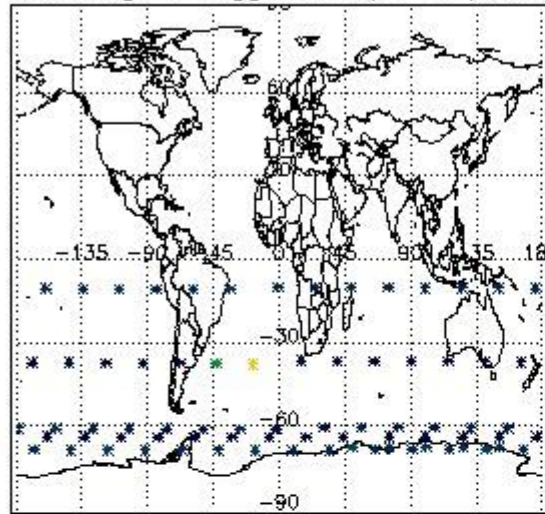
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

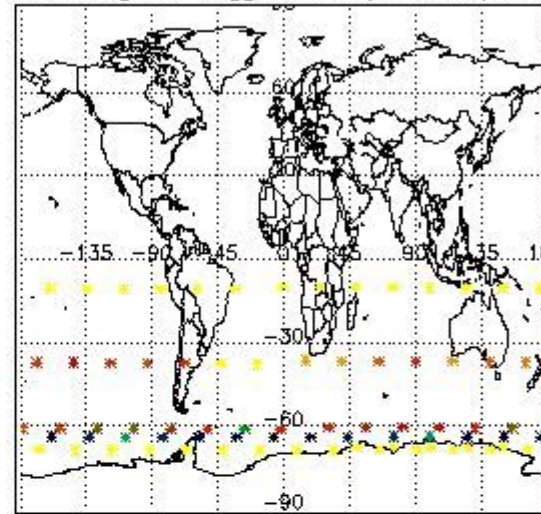


3.2 Plot quality information per product (world map)

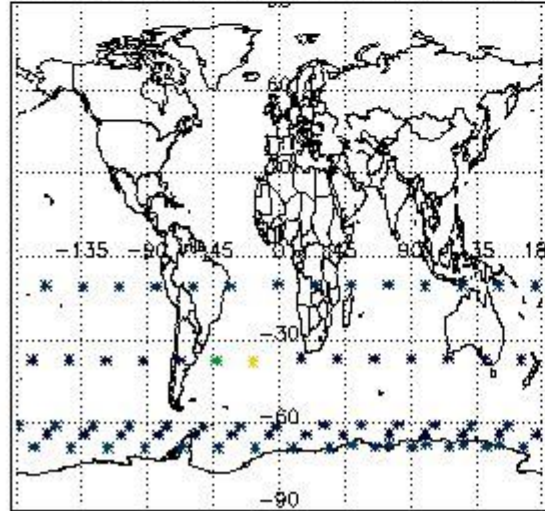
Percentage of flagged data per O3 profile



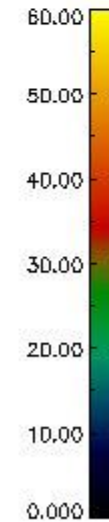
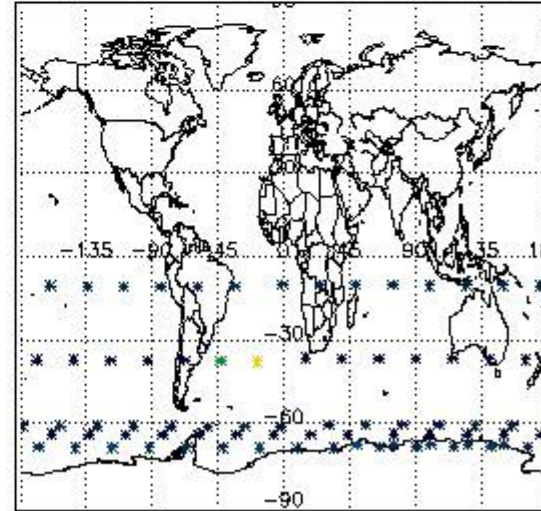
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



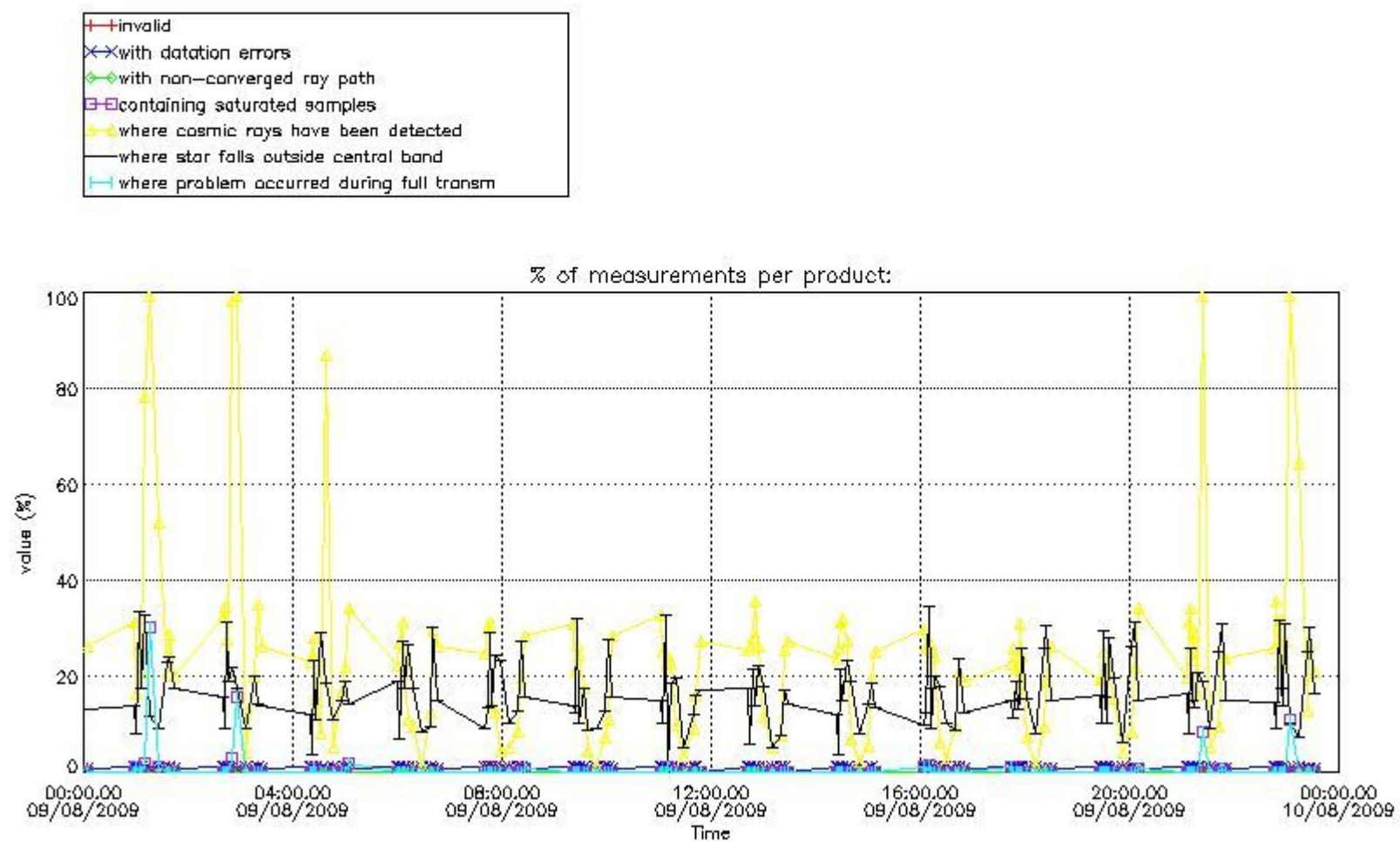
#### 4. Level 1 quality information per product

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

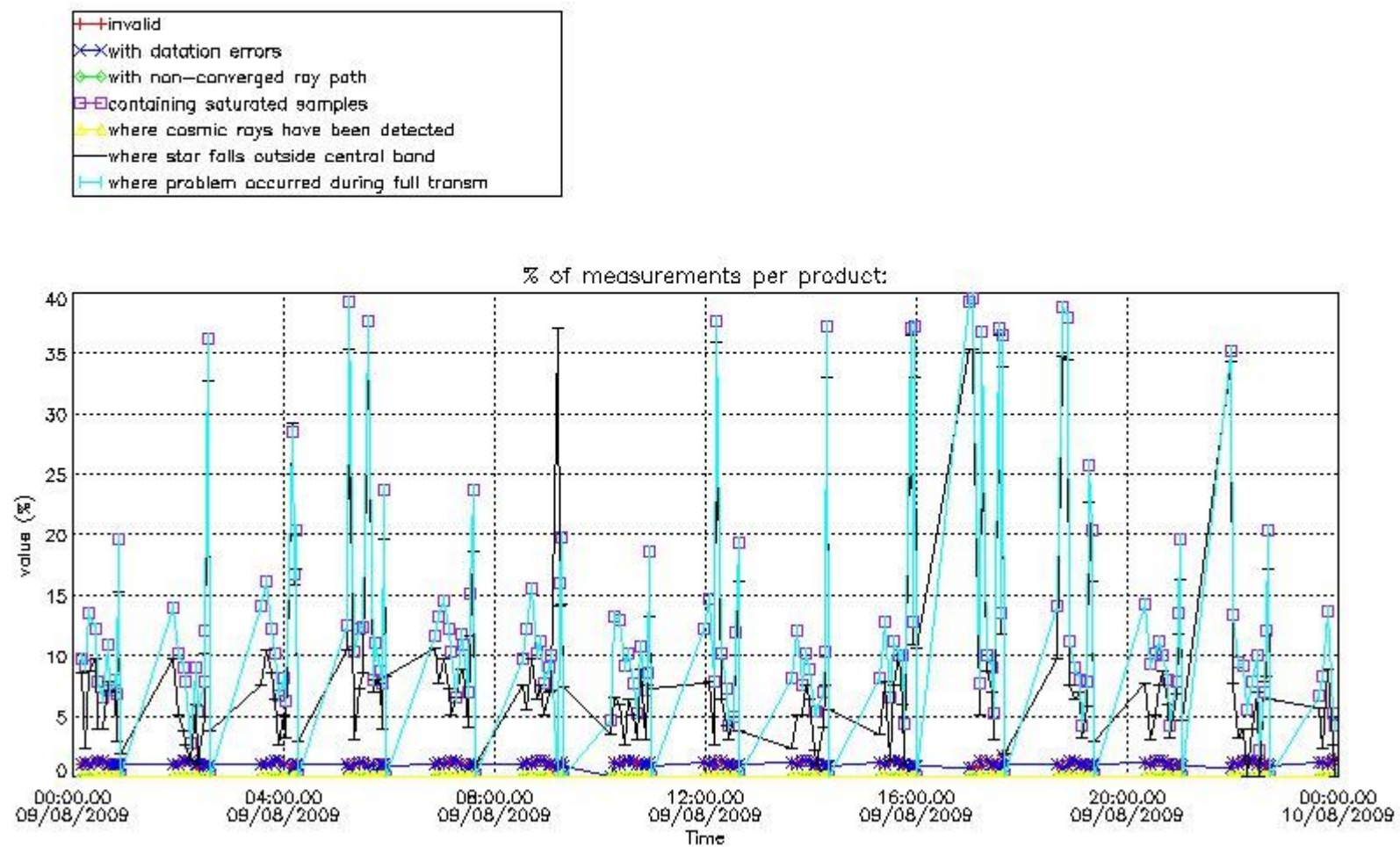
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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





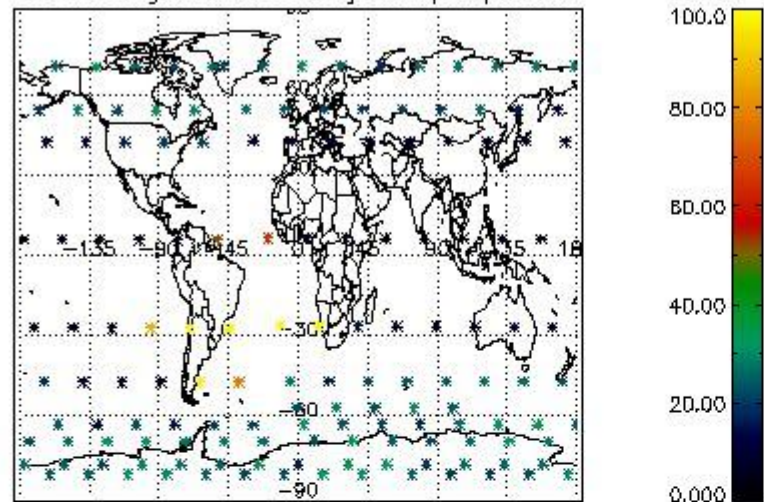
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



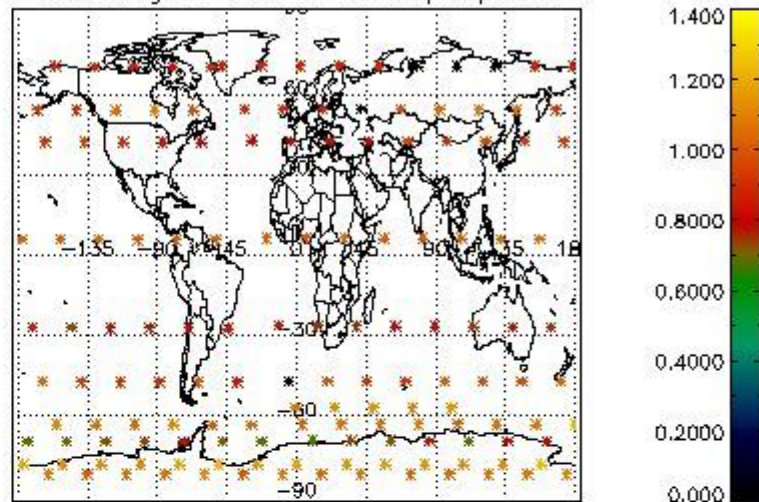
#### 4.2 Plot quality information per product coming from level 1b processing (world map)

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

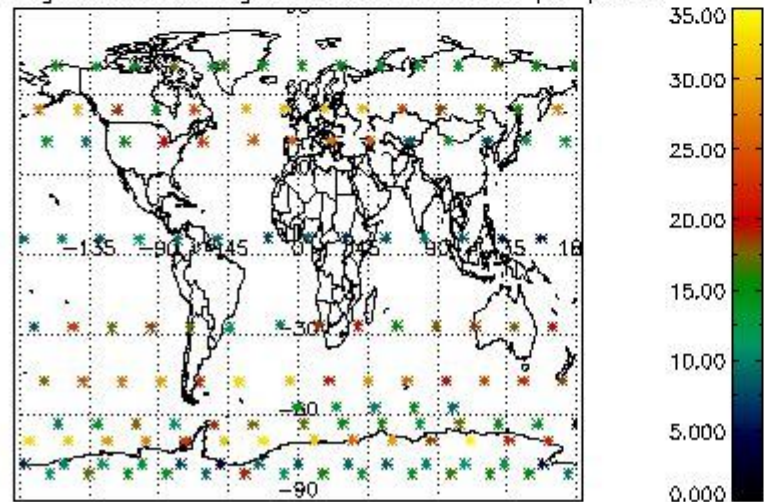
Percentage of cosmic ray hits per profile



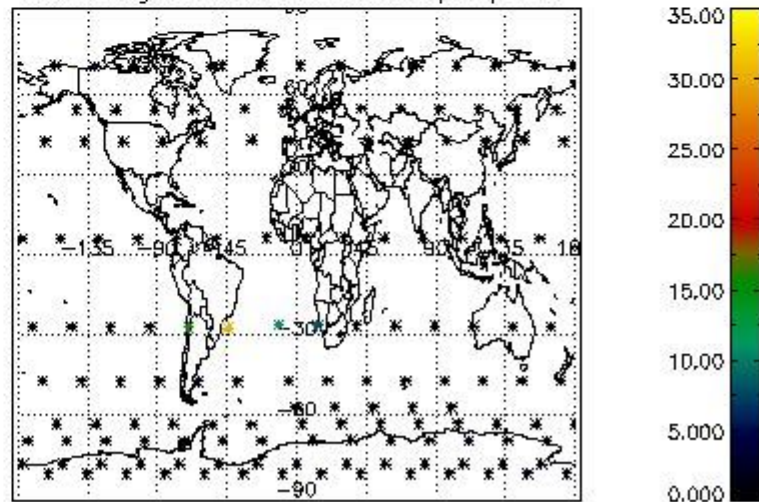
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

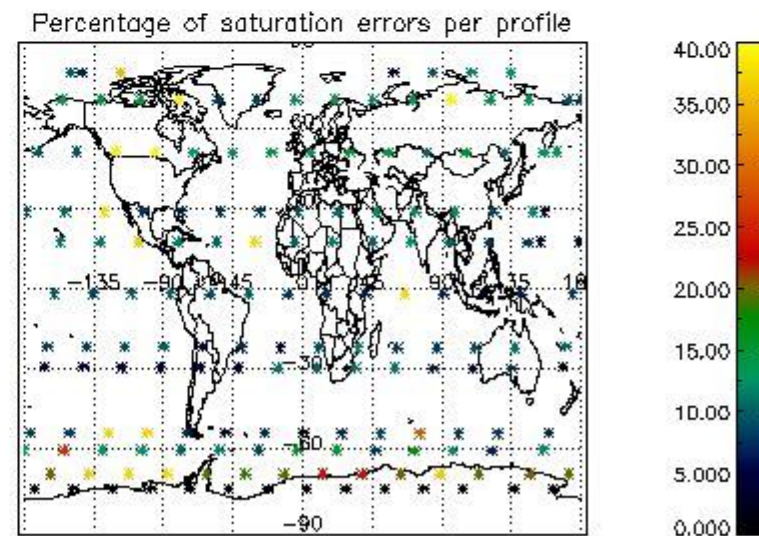
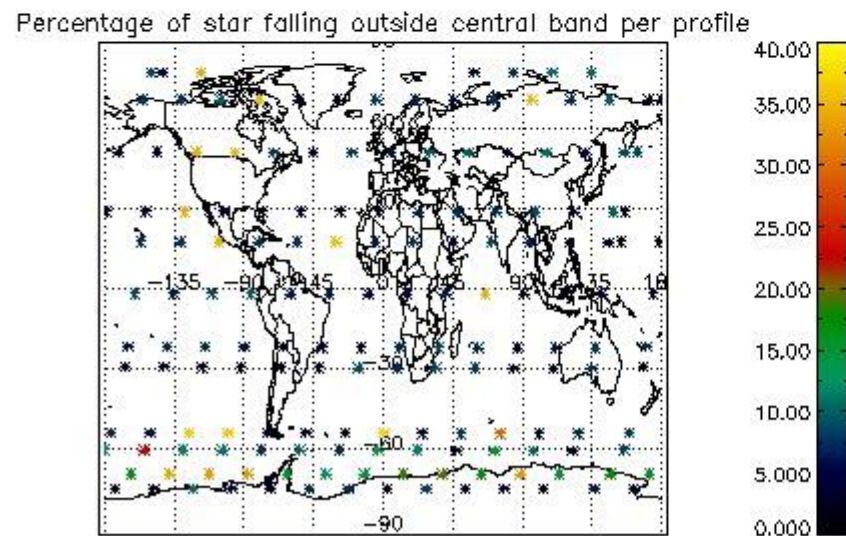
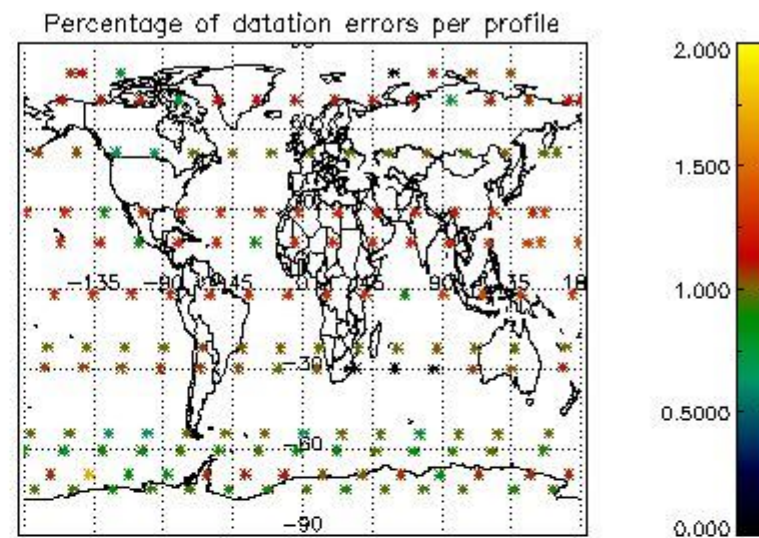
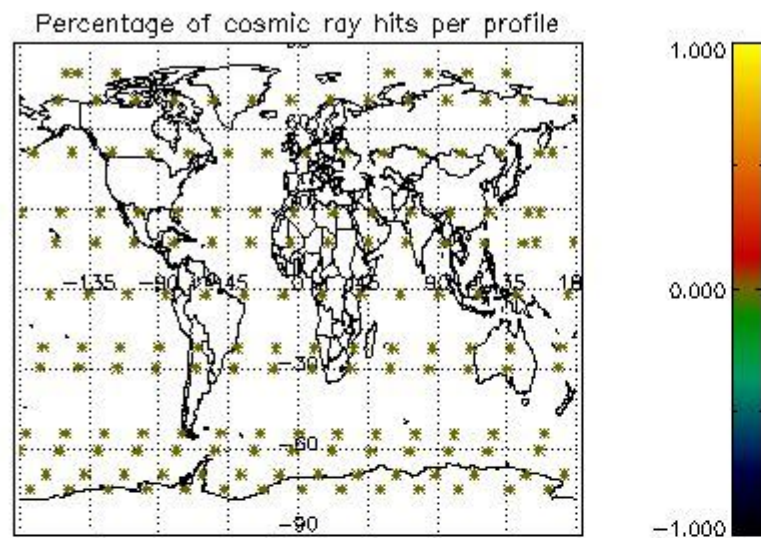


Percentage of saturation errors per profile



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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

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

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

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

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

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

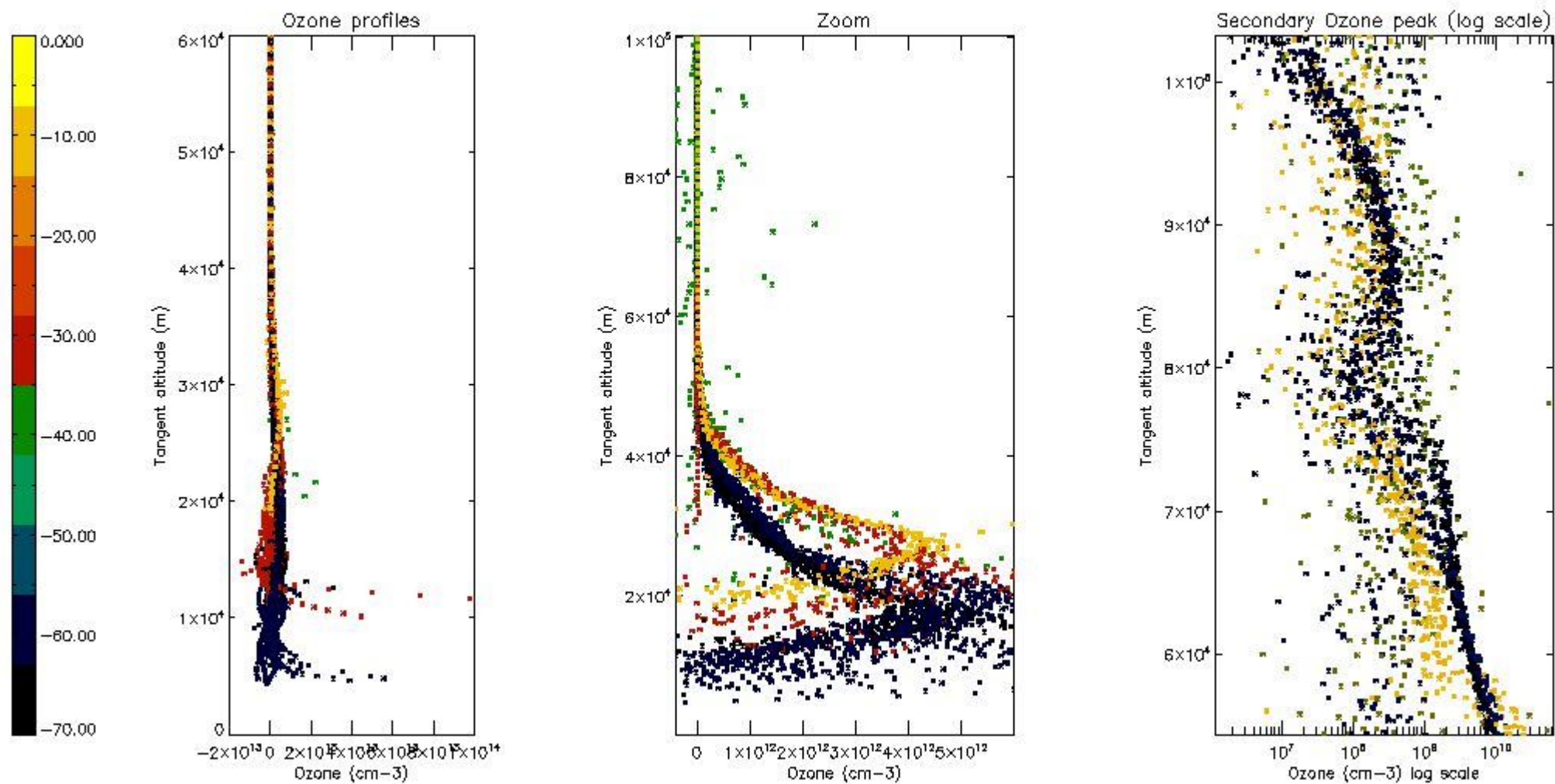
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	27
STD < 20	12

STD < 10	10
STD < 5	6

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

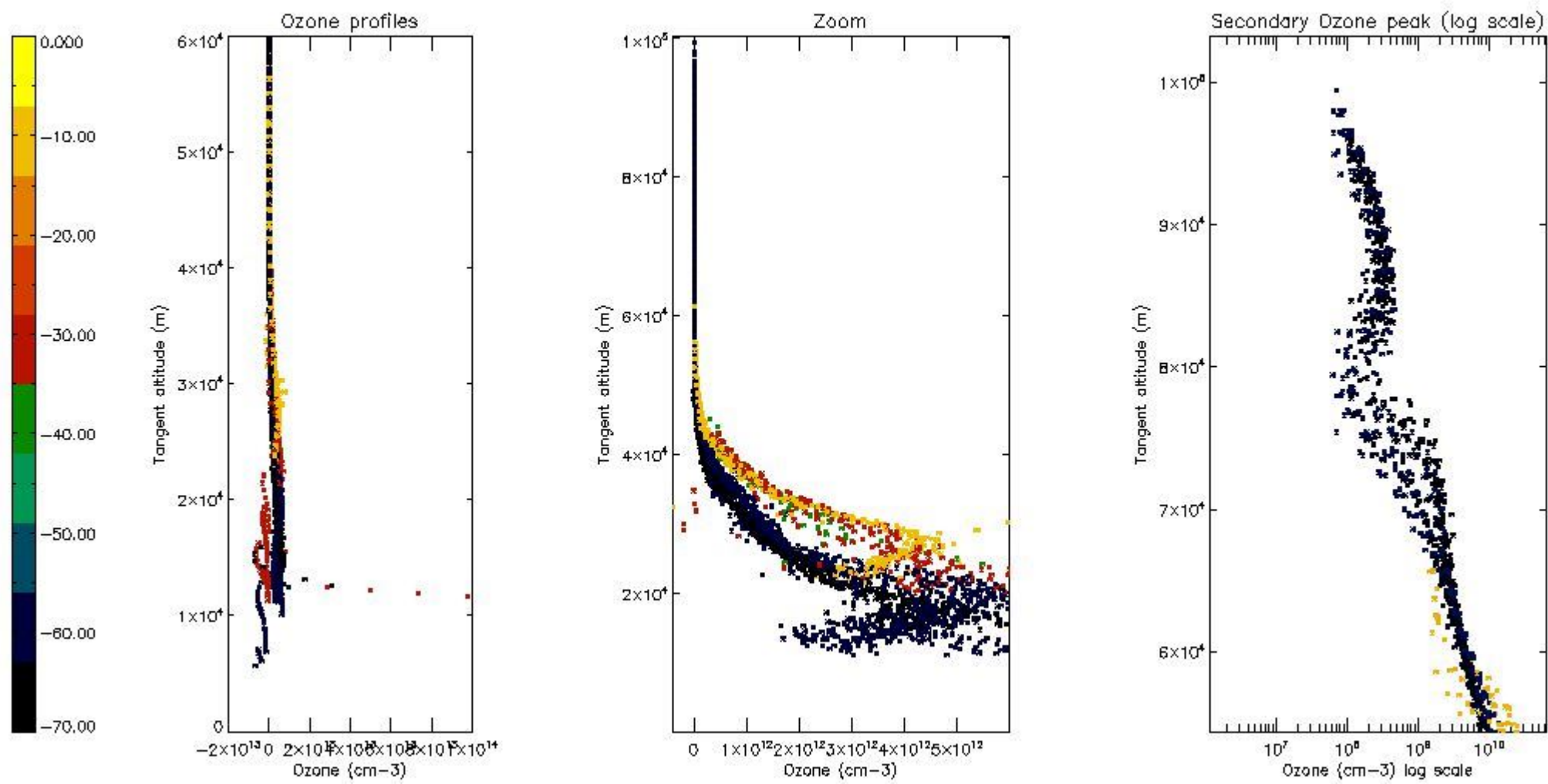
The colorbar represents the latitude.



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

The colorbar represents the latitude.

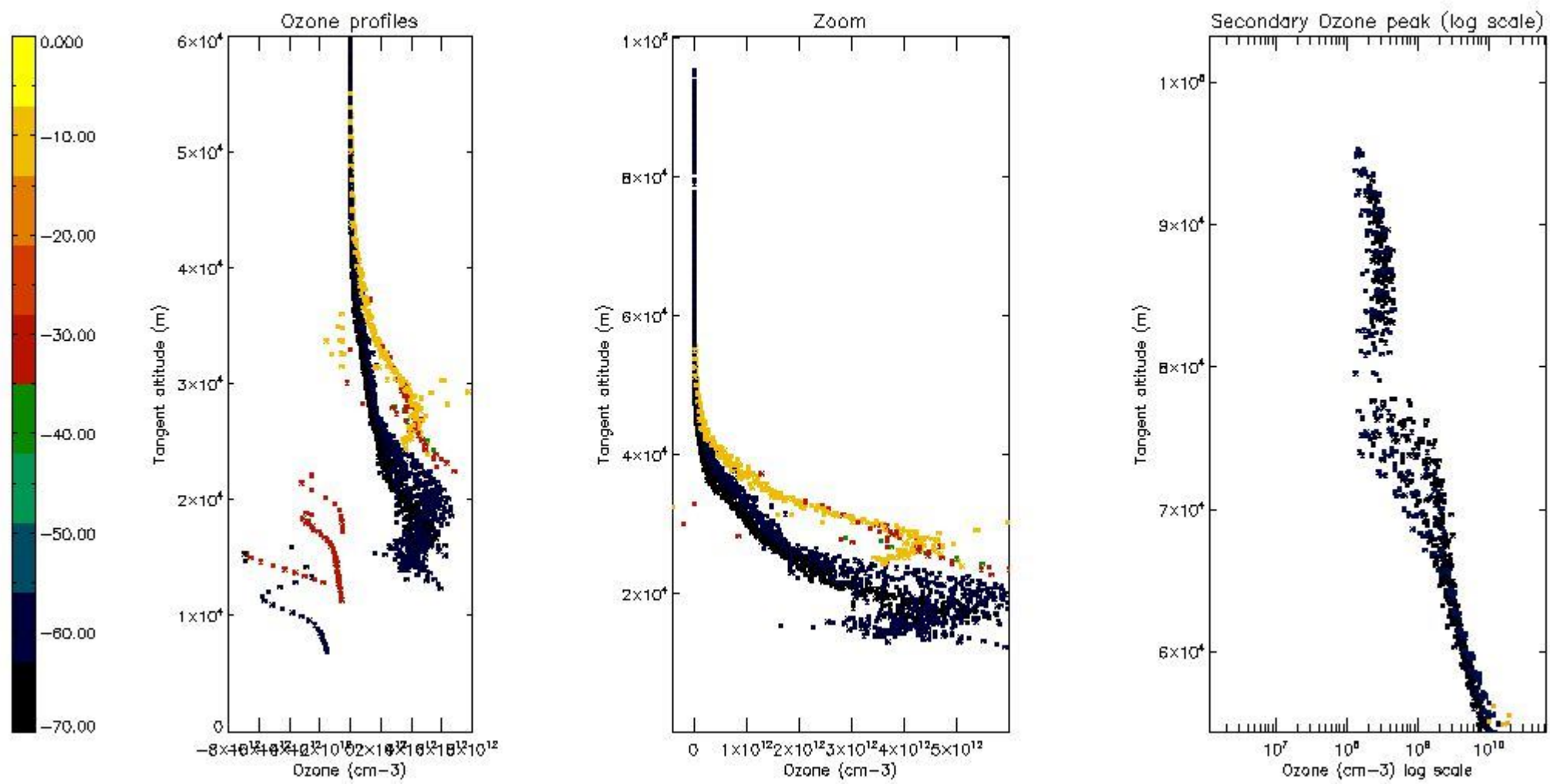




*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

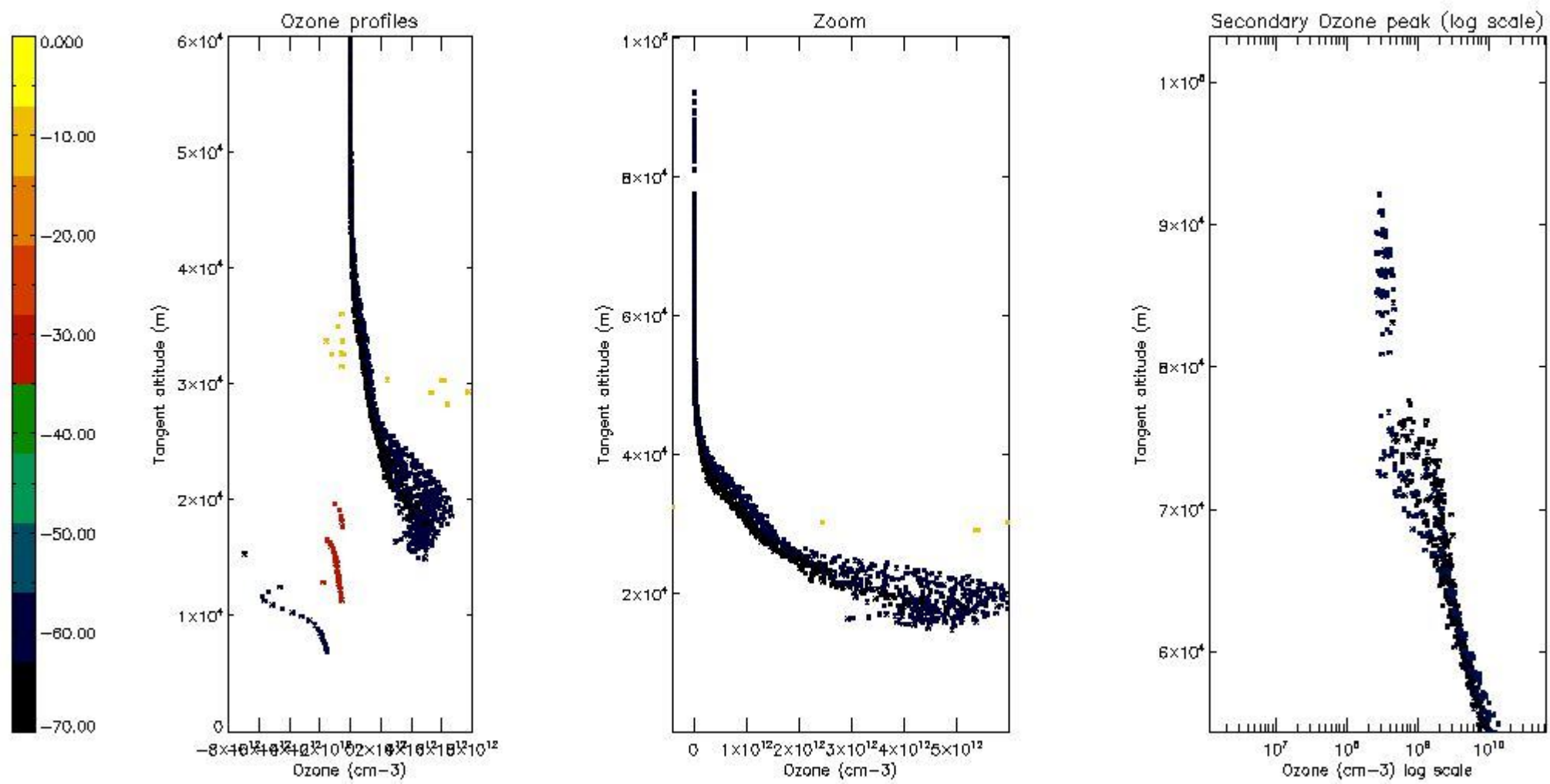
The colorbar represents the latitude.





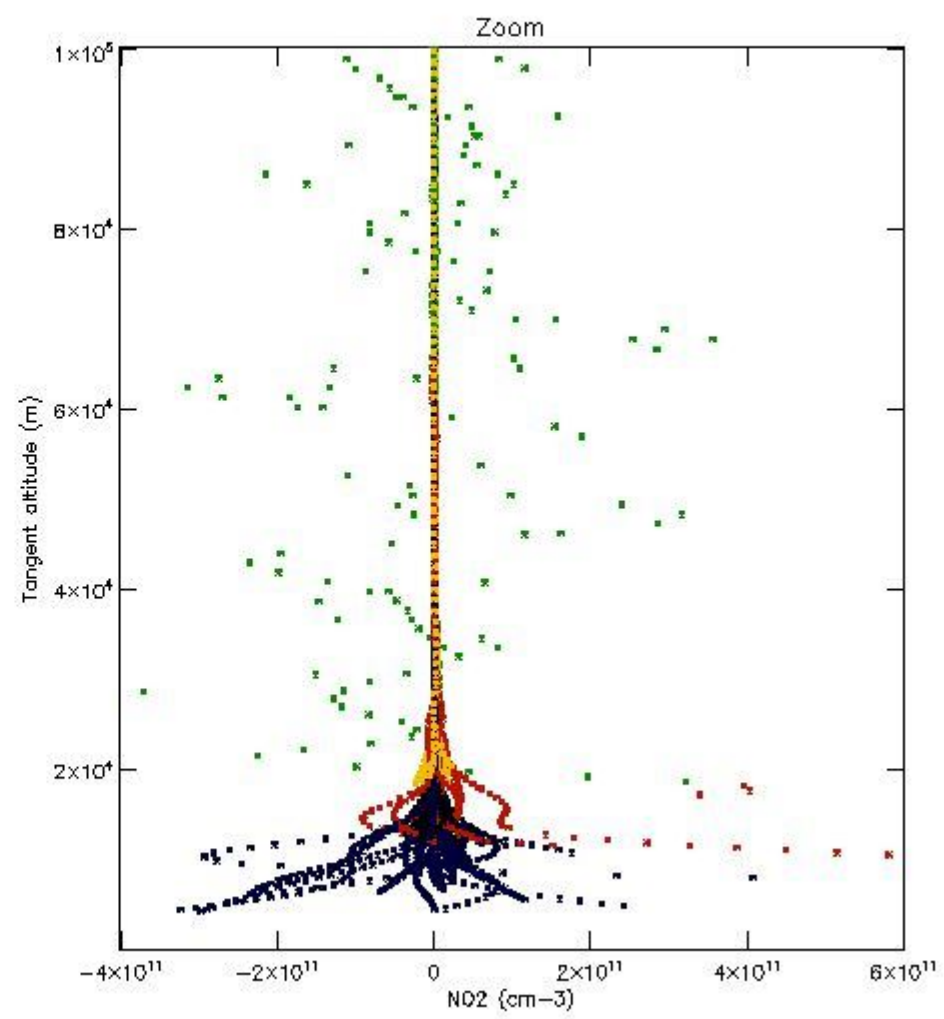
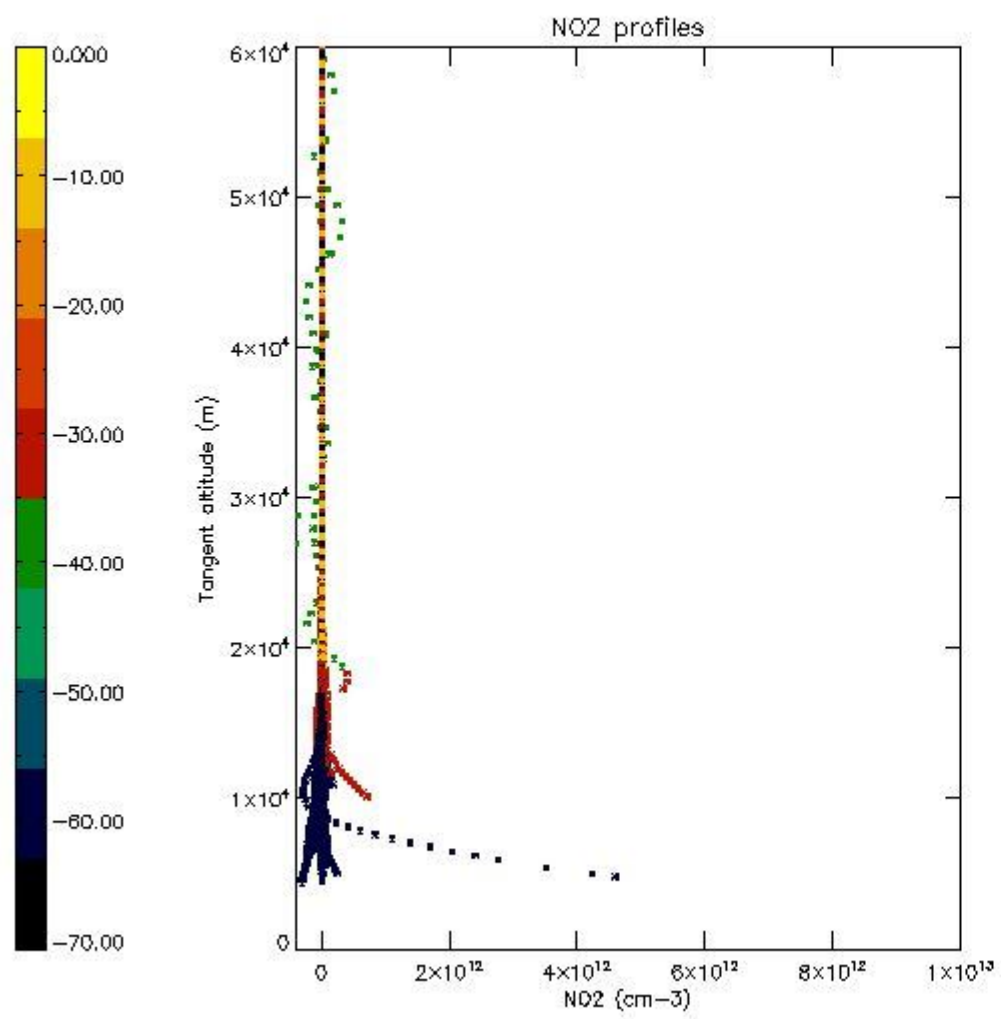
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



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

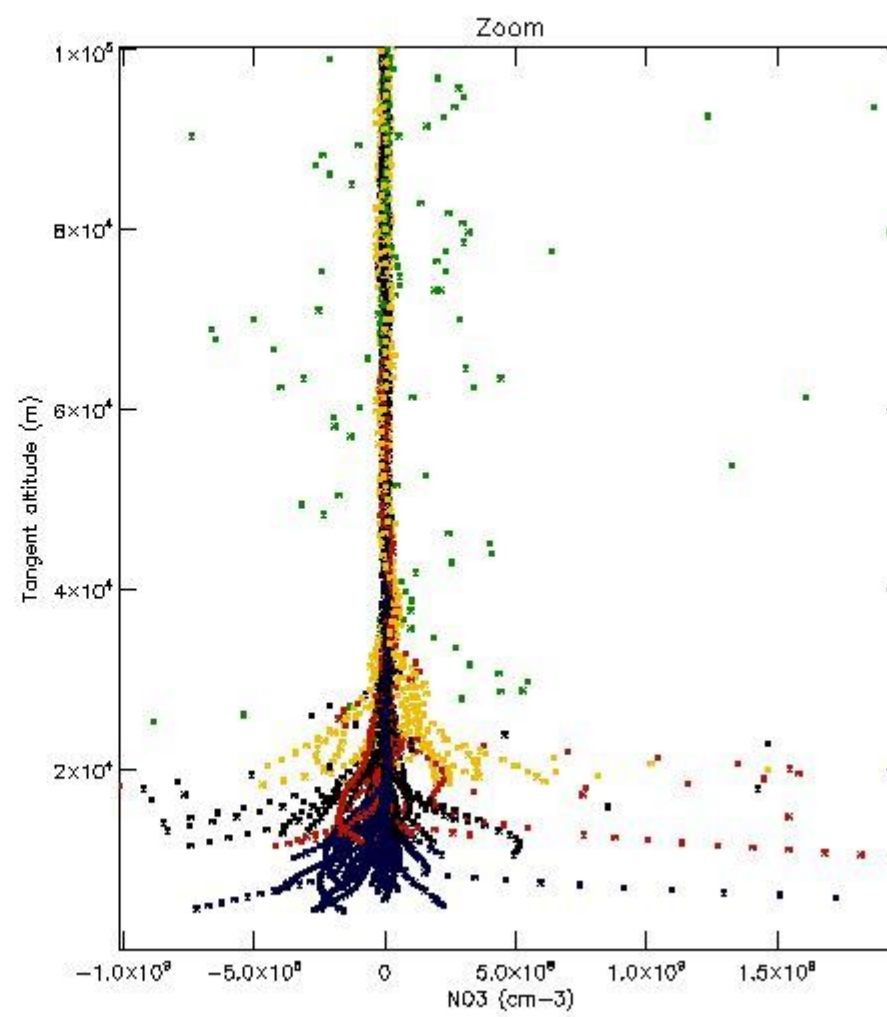
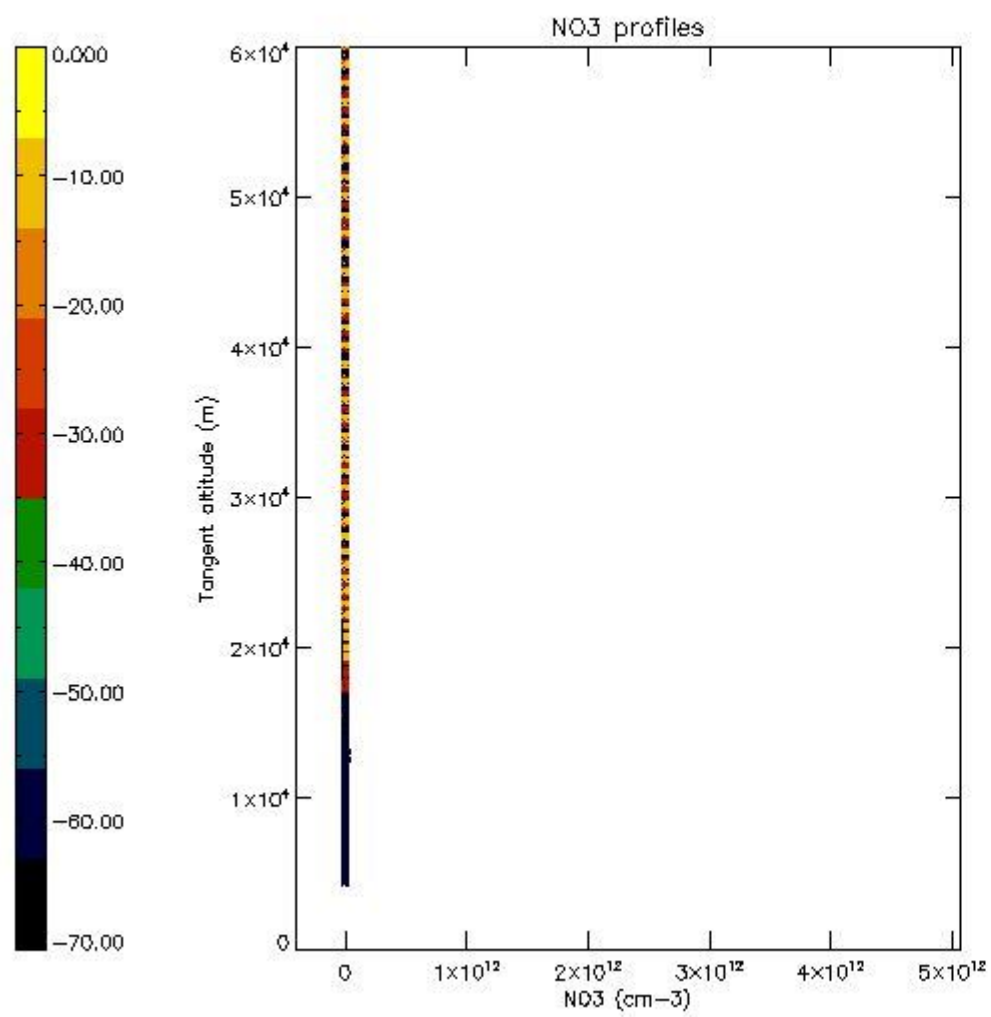
The colorbar represents the latitude.



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

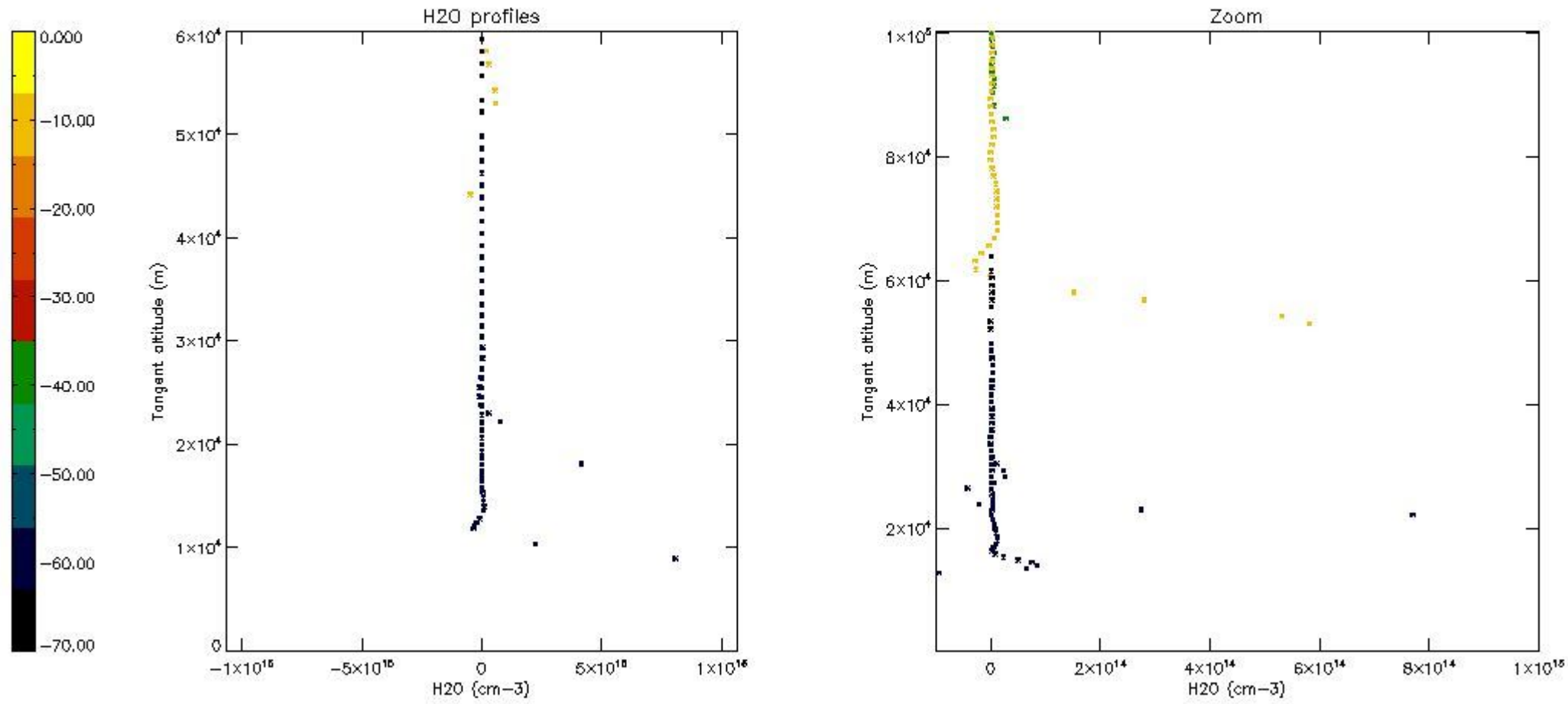
The colorbar represents the latitude.





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

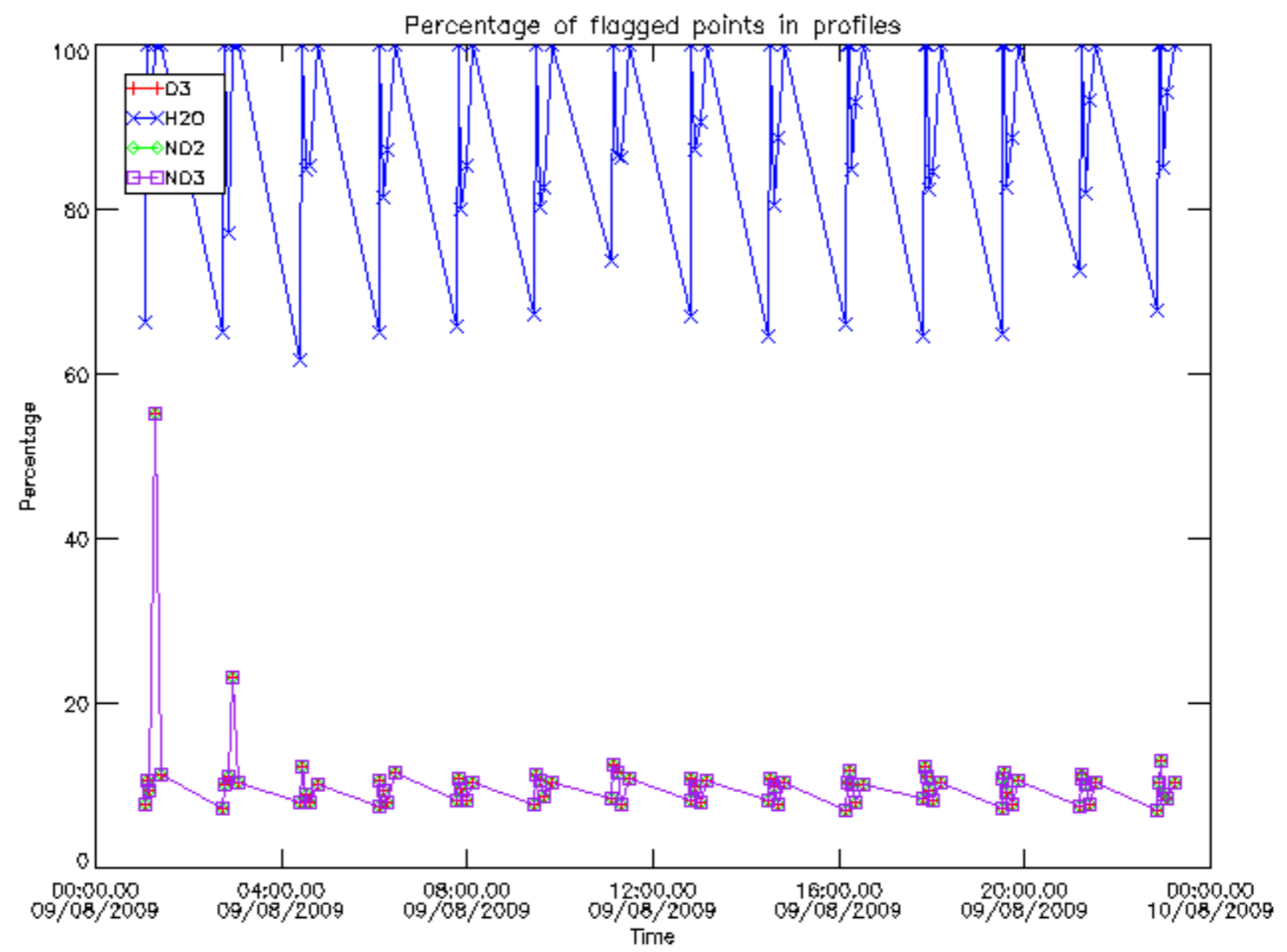
The colorbar represents the latitude.



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

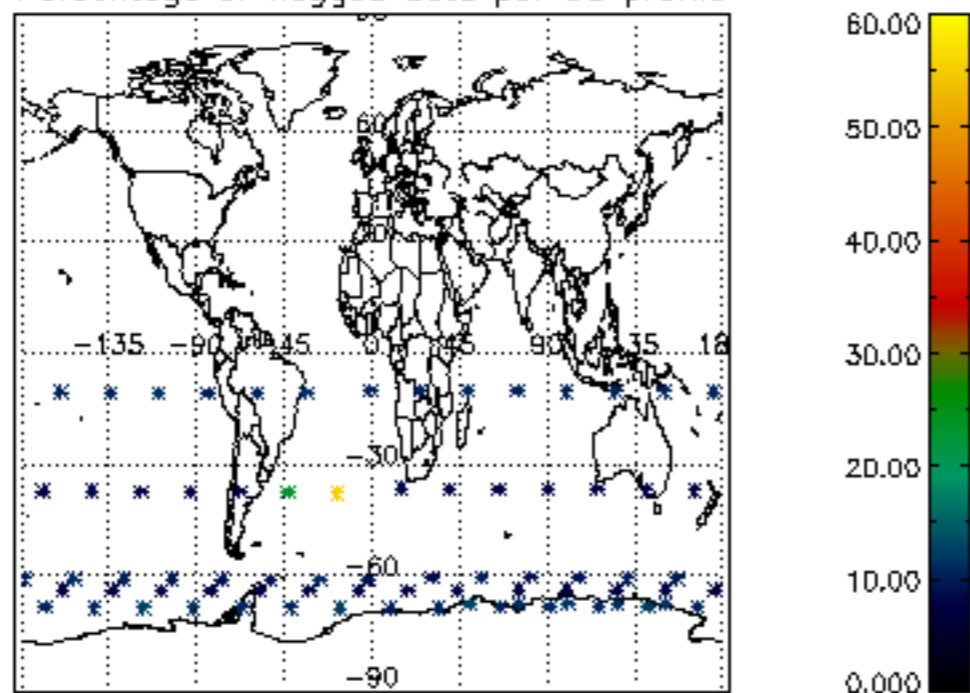
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	09-AUG-2009 00:03:01
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	09-AUG-2009 00:03:01
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	09-AUG-2009 00:03:01

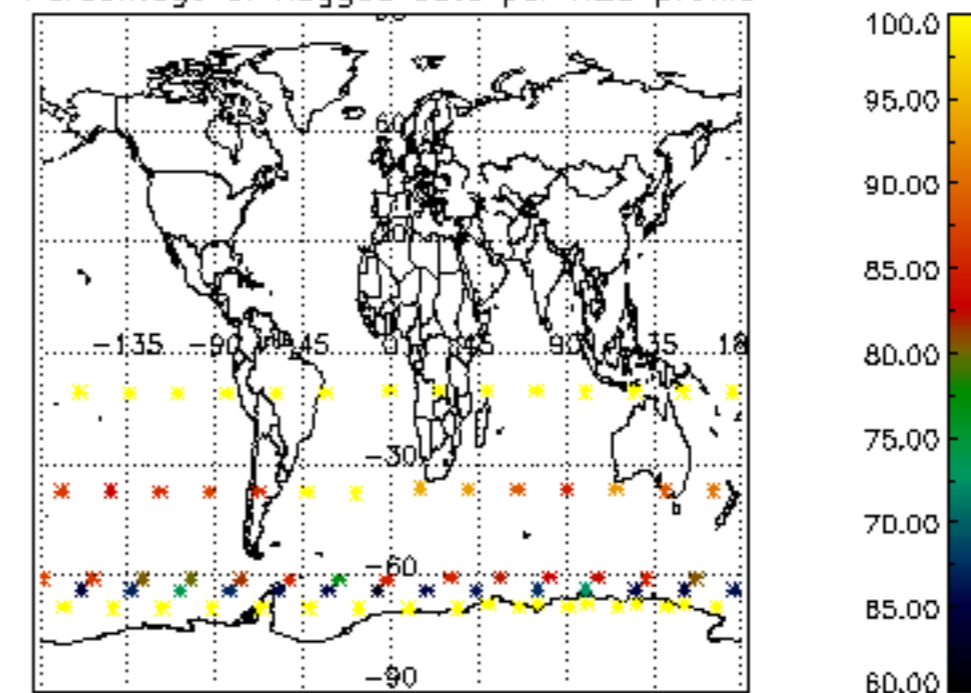




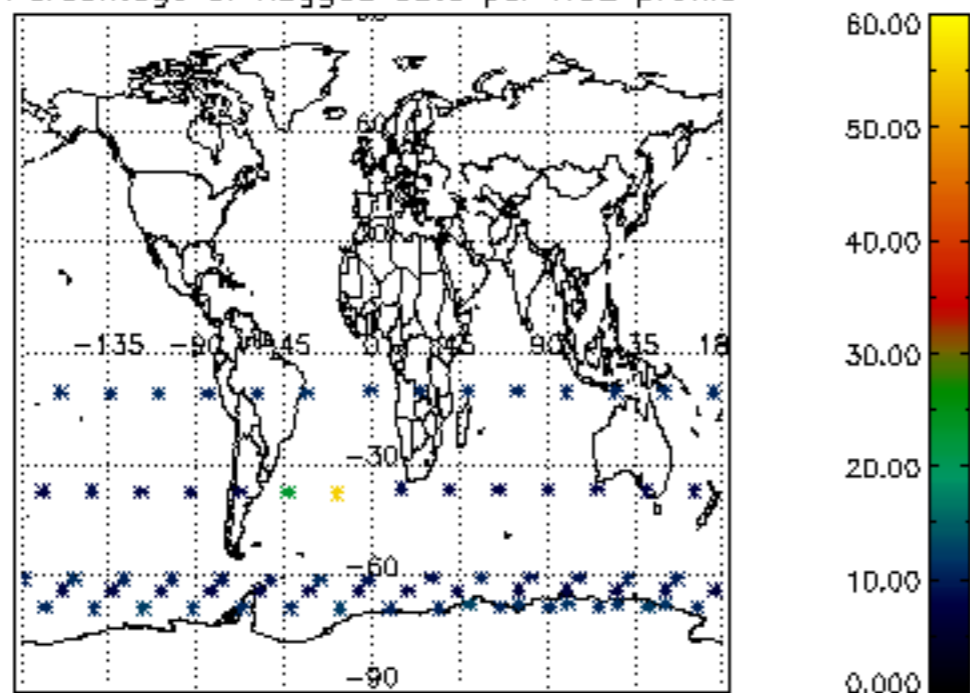
Percentage of flagged data per D3 profile



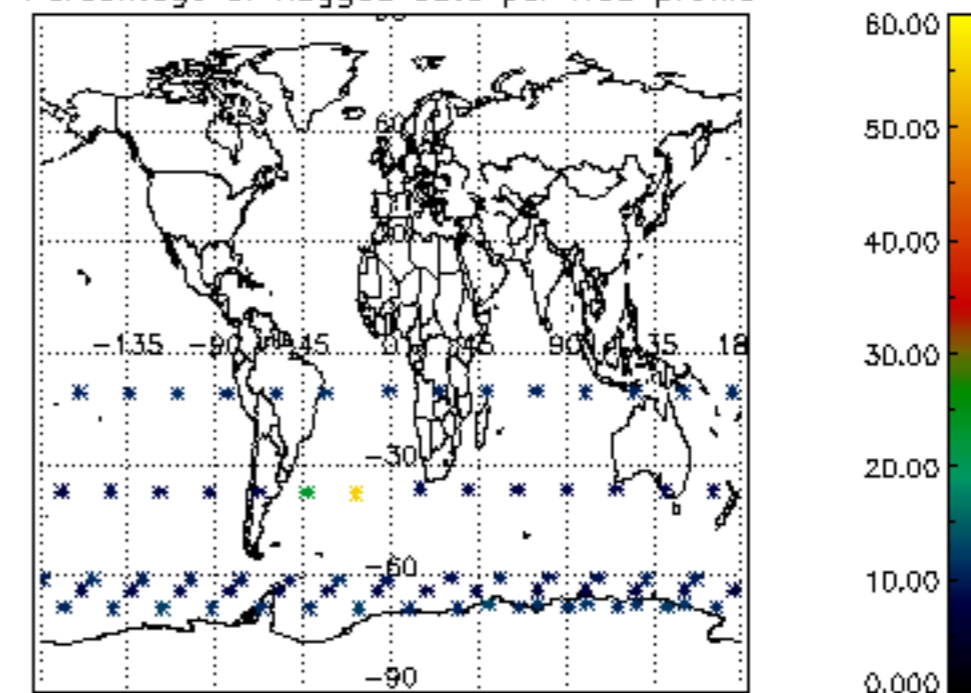
Percentage of flagged data per H2O profile

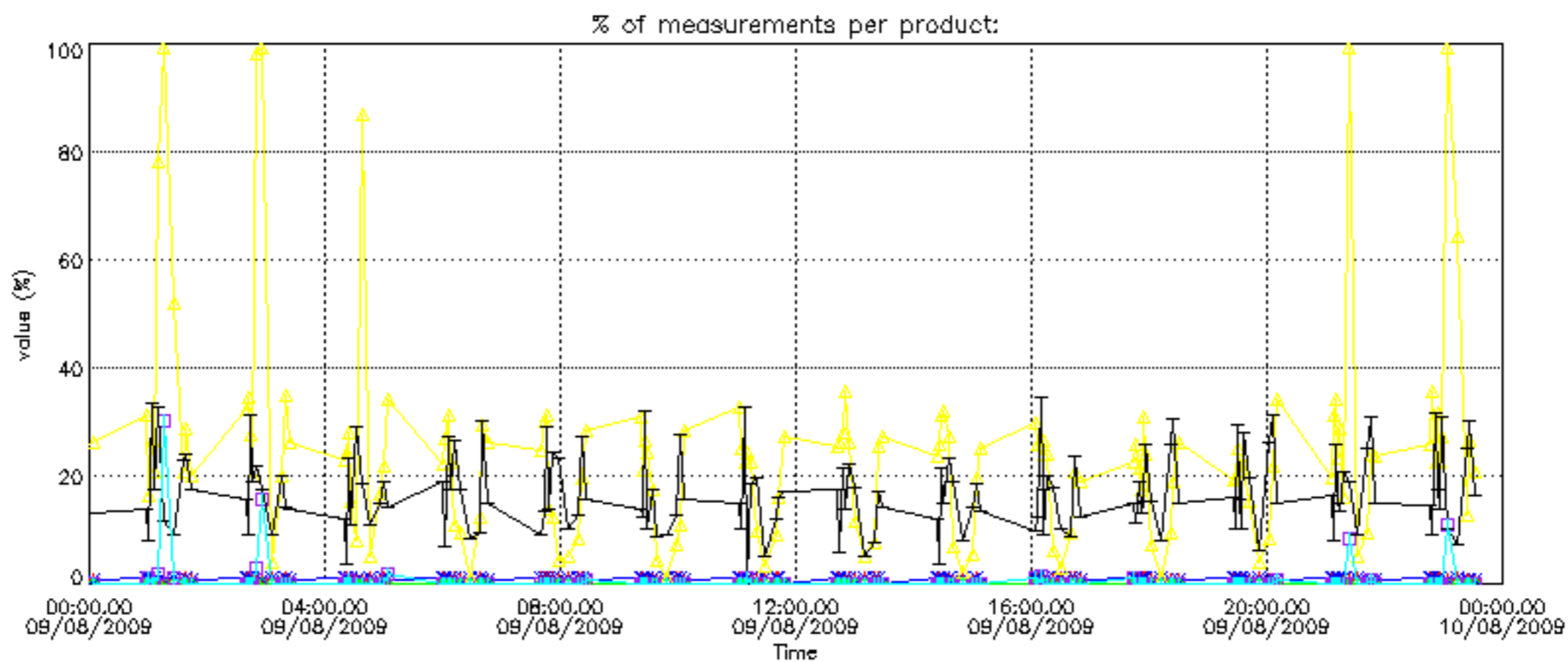


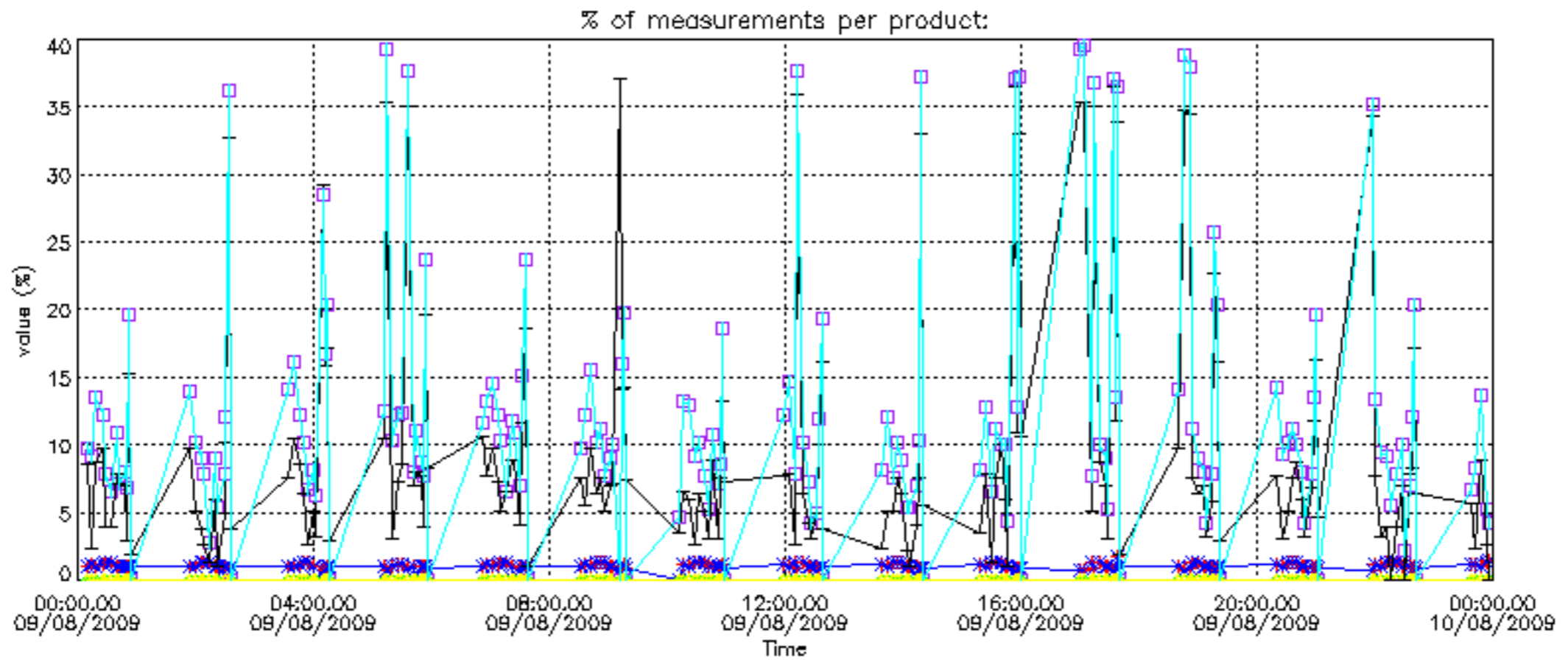
Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

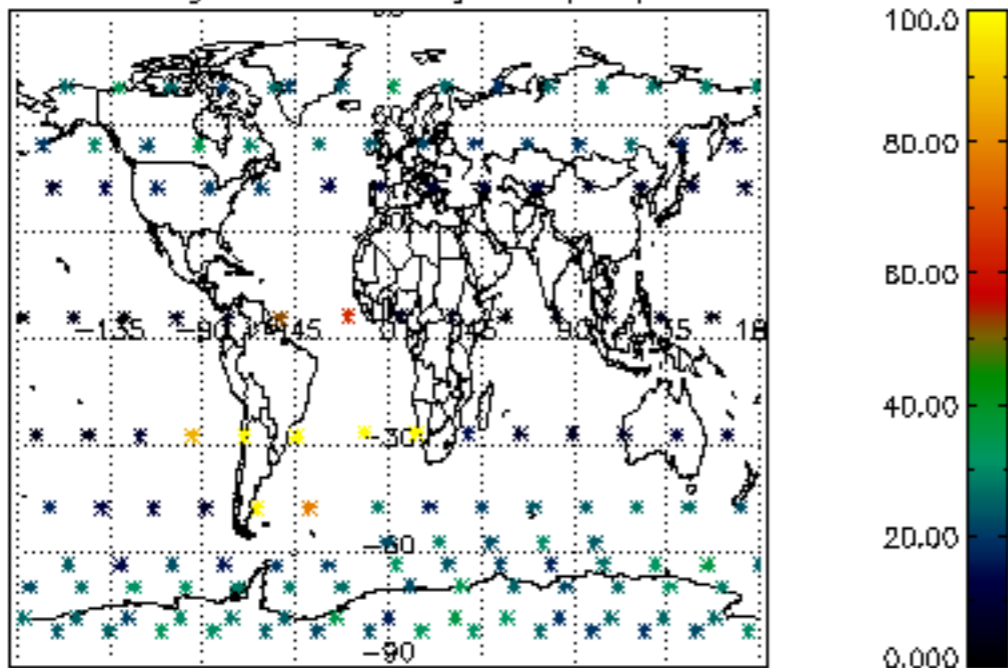




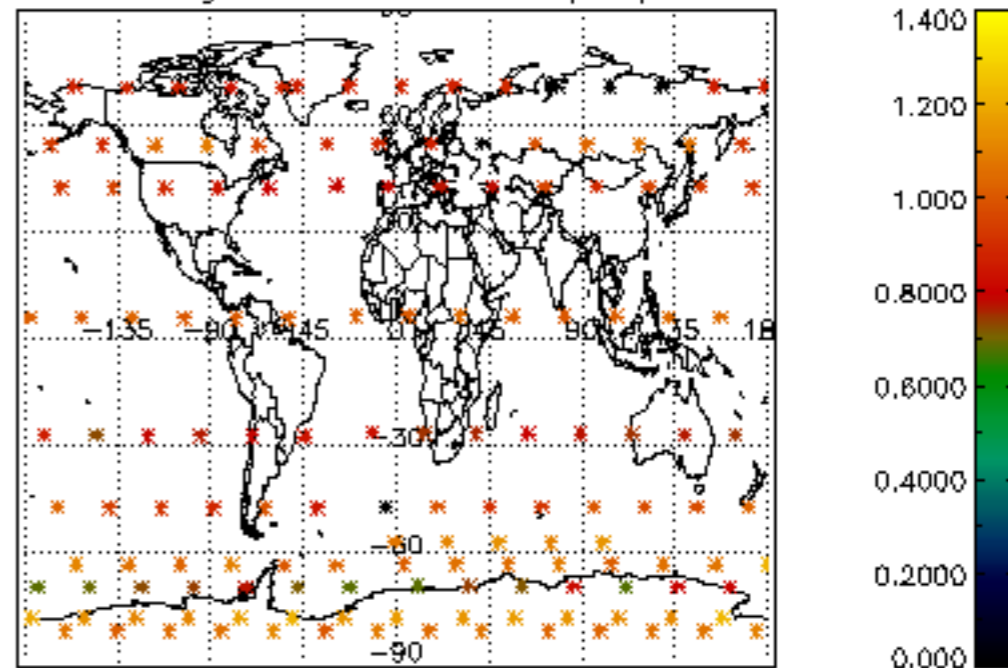




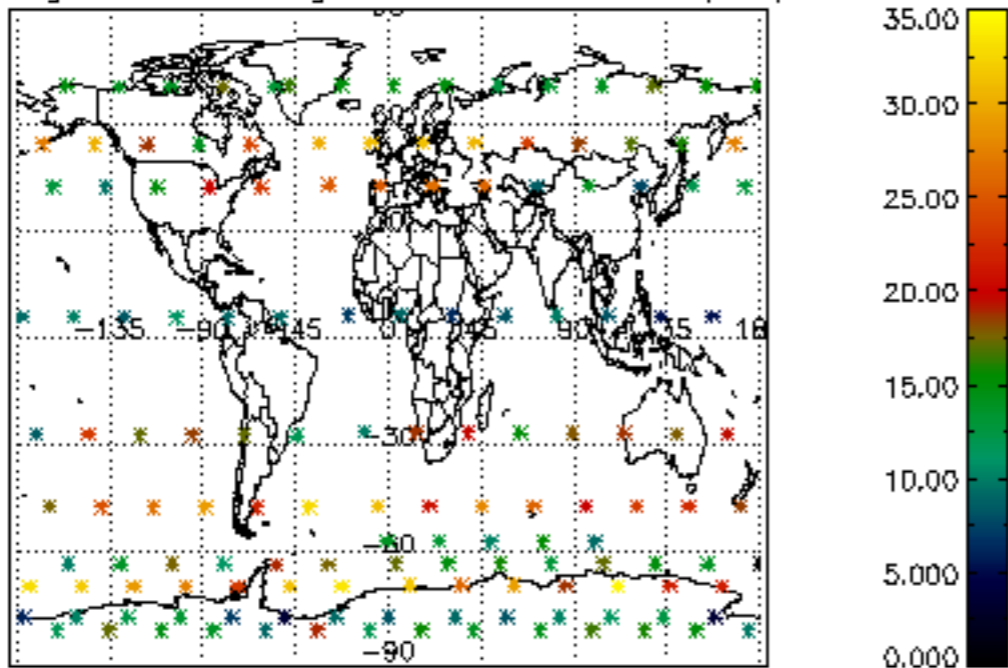
Percentage of cosmic ray hits per profile



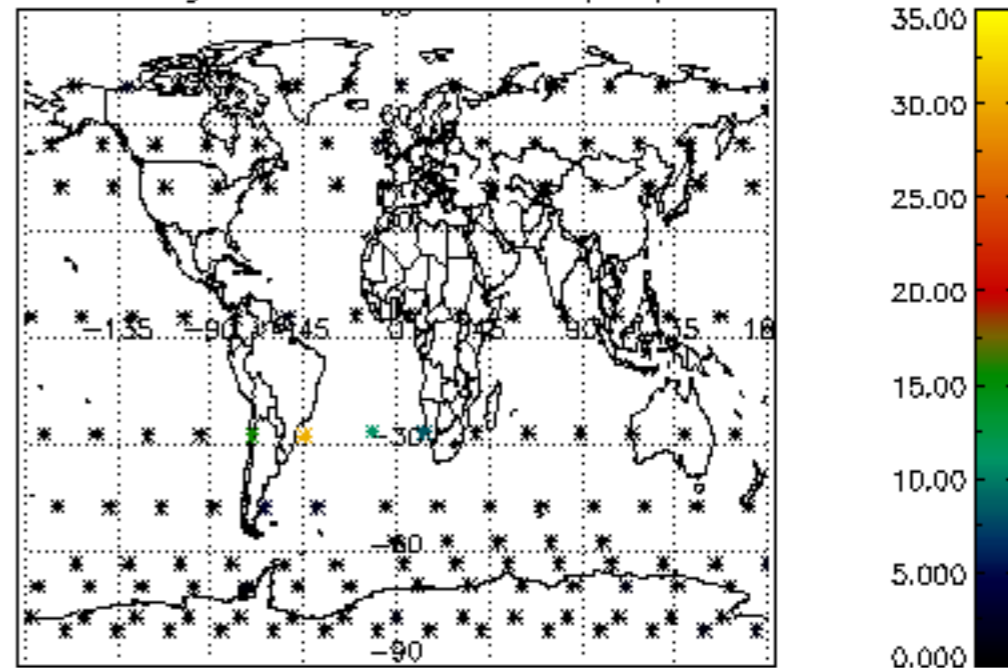
Percentage of datation errors per profile



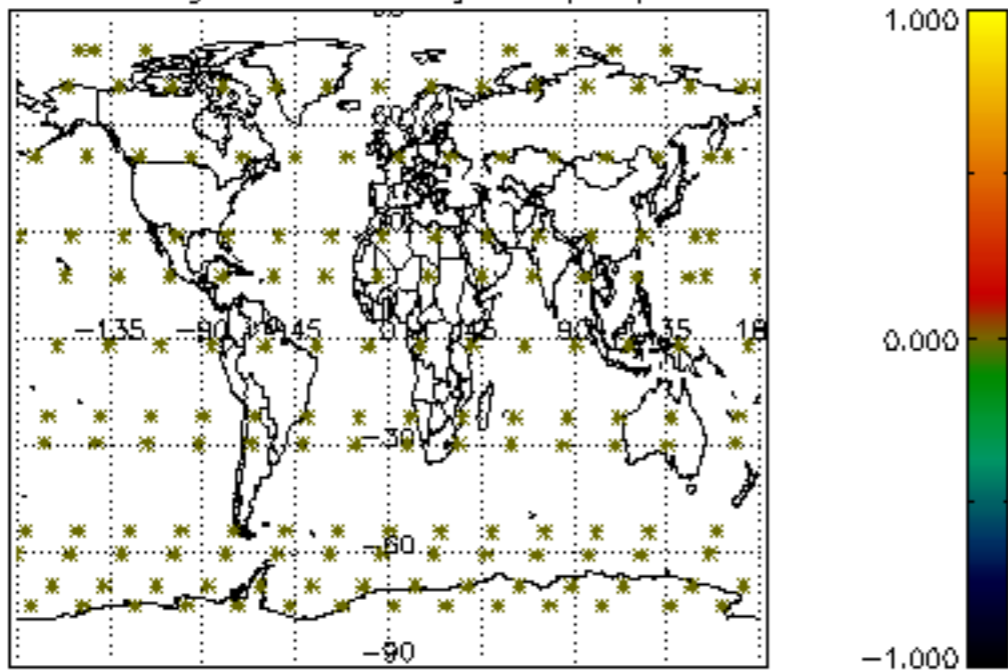
Percentage of star falling outside central band per profile



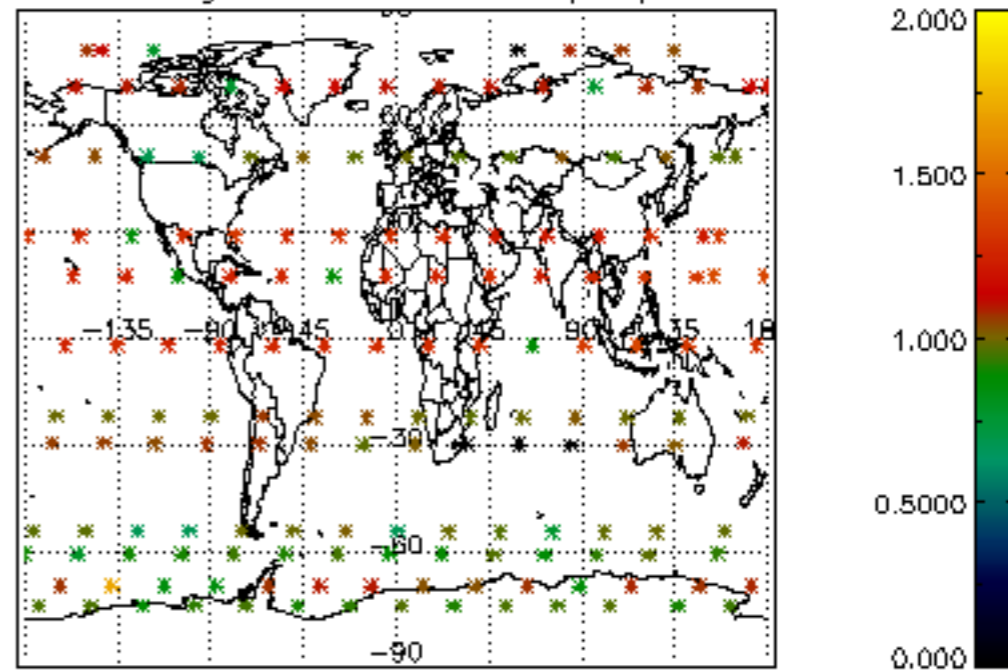
Percentage of saturation errors per profile



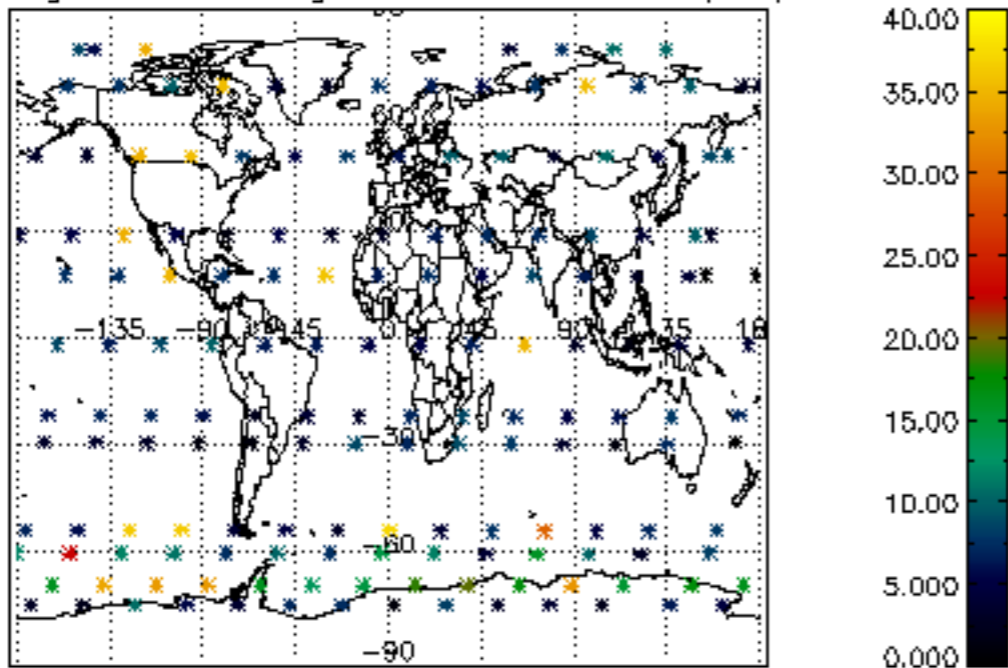
Percentage of cosmic ray hits per profile



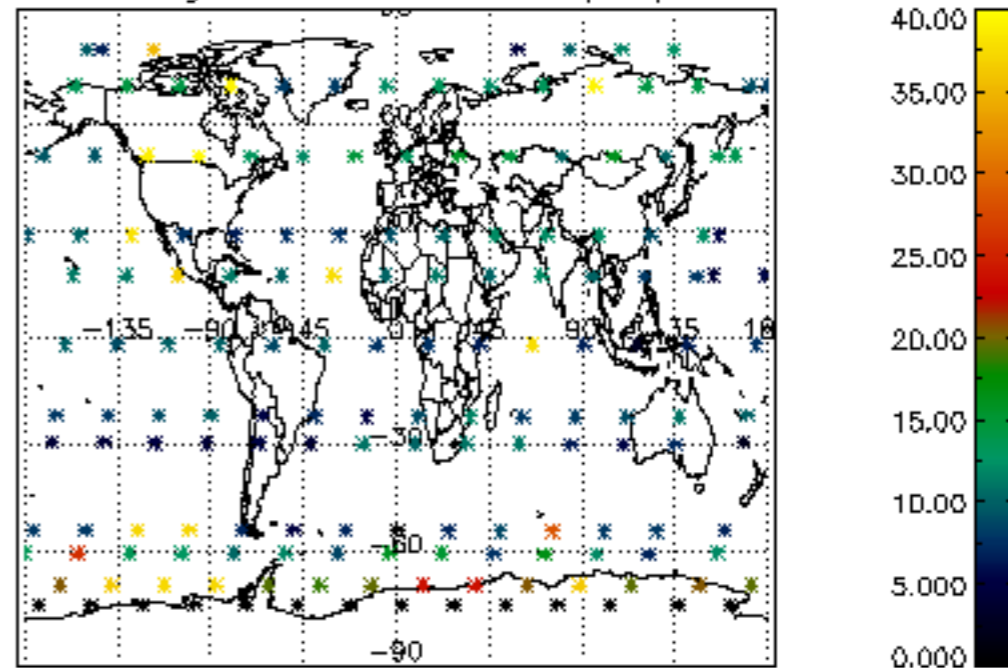
Percentage of datation errors per profile

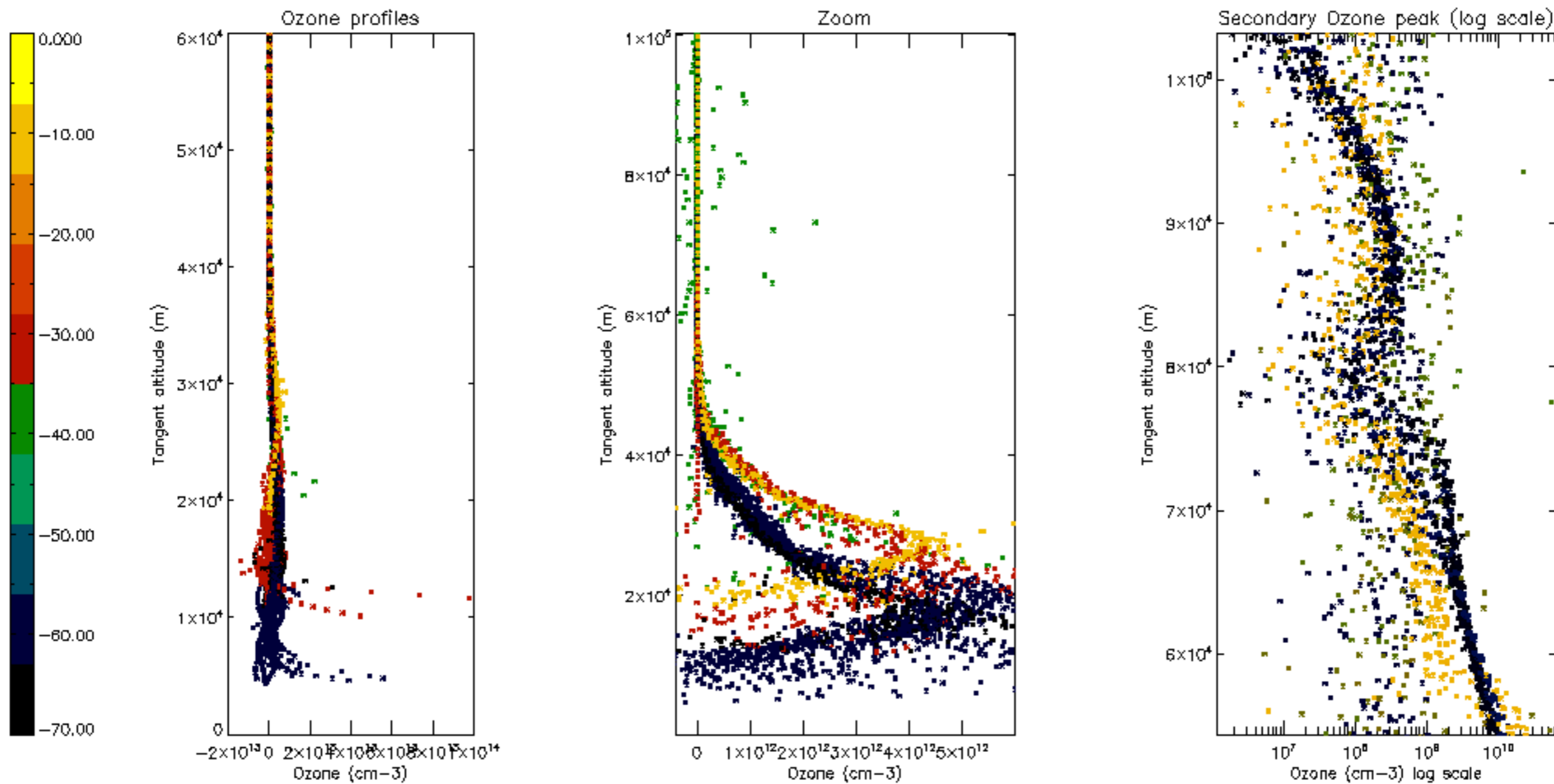


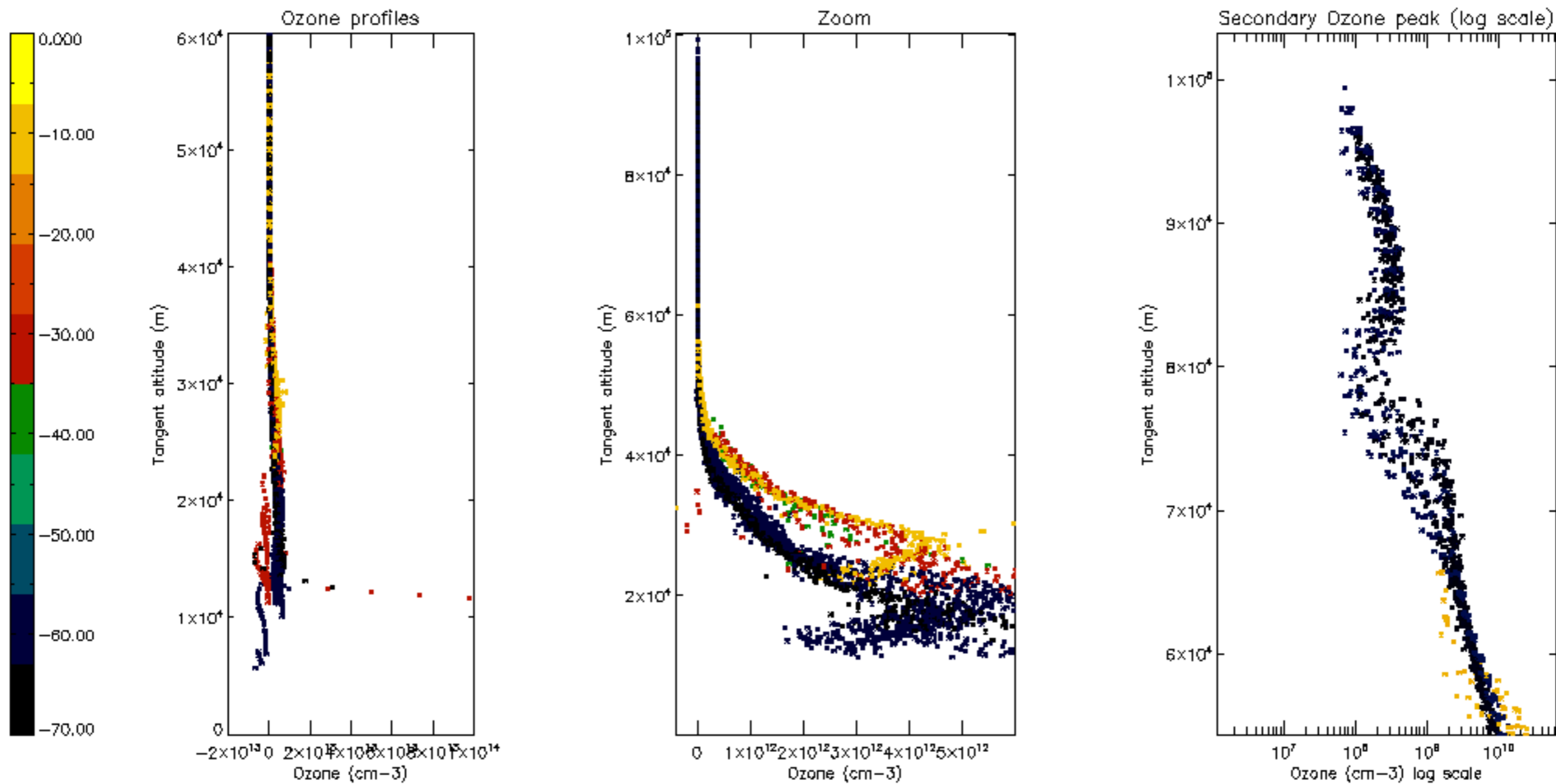
Percentage of star falling outside central band per profile



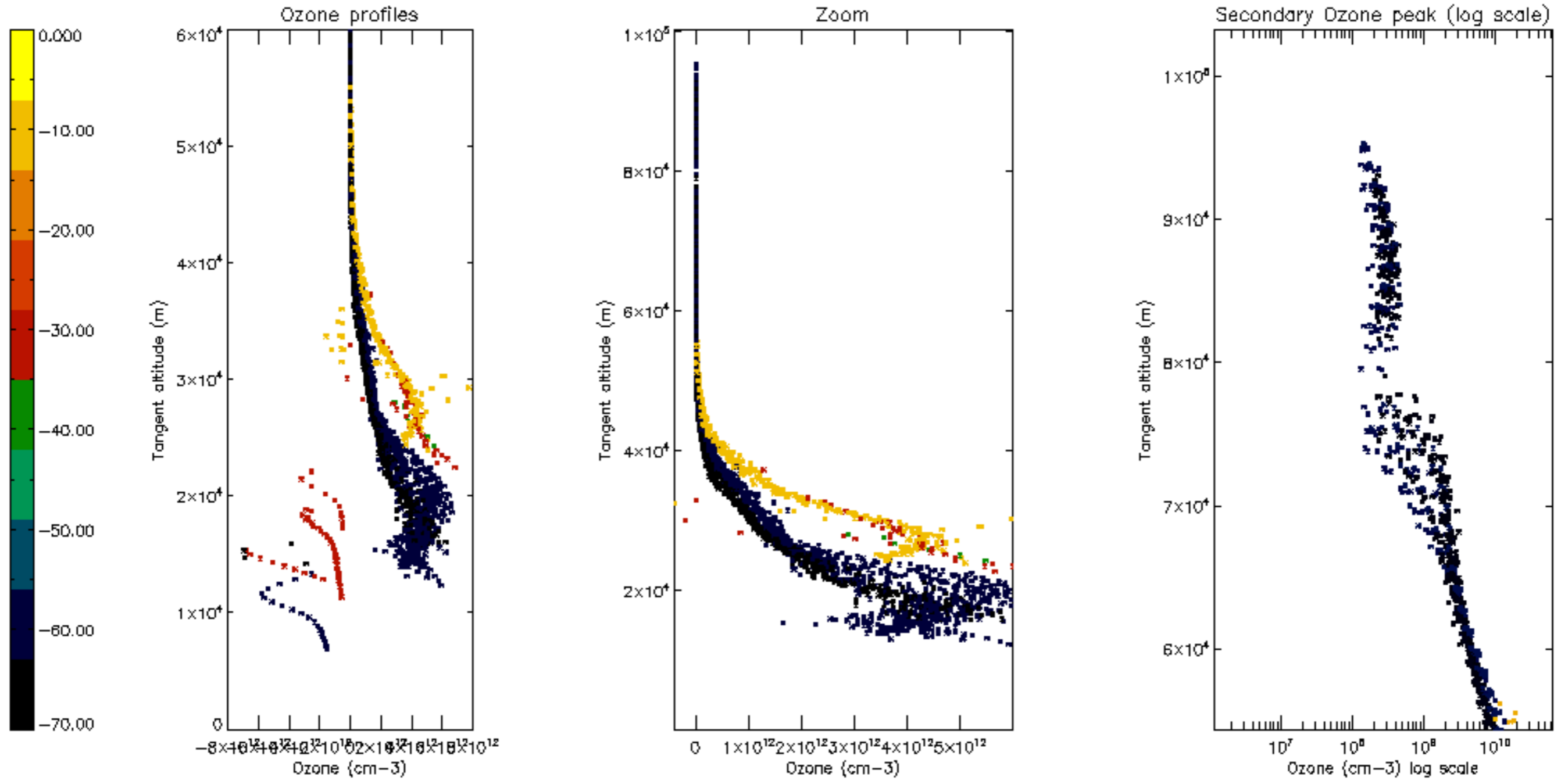
Percentage of saturation errors per profile

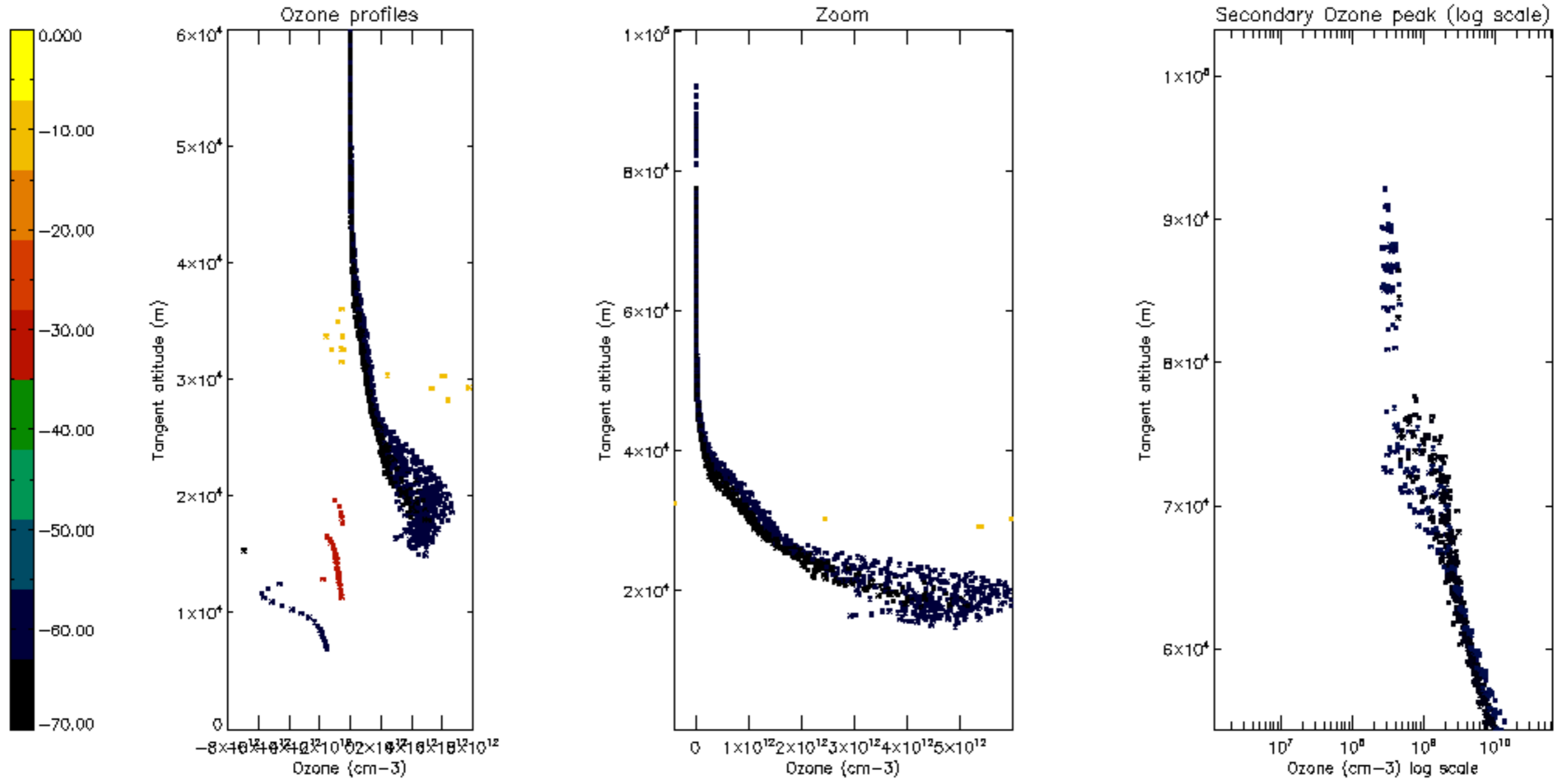


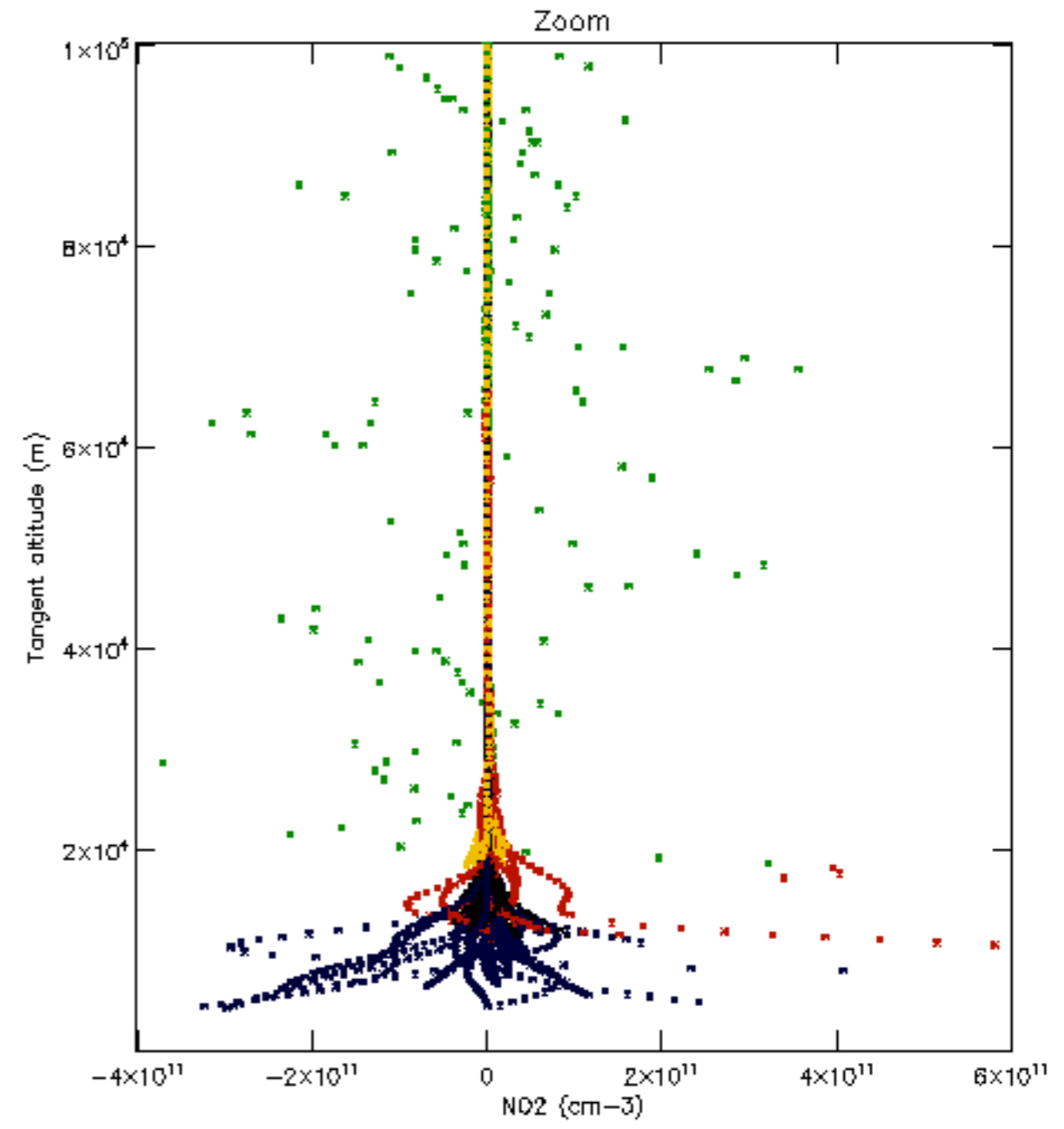
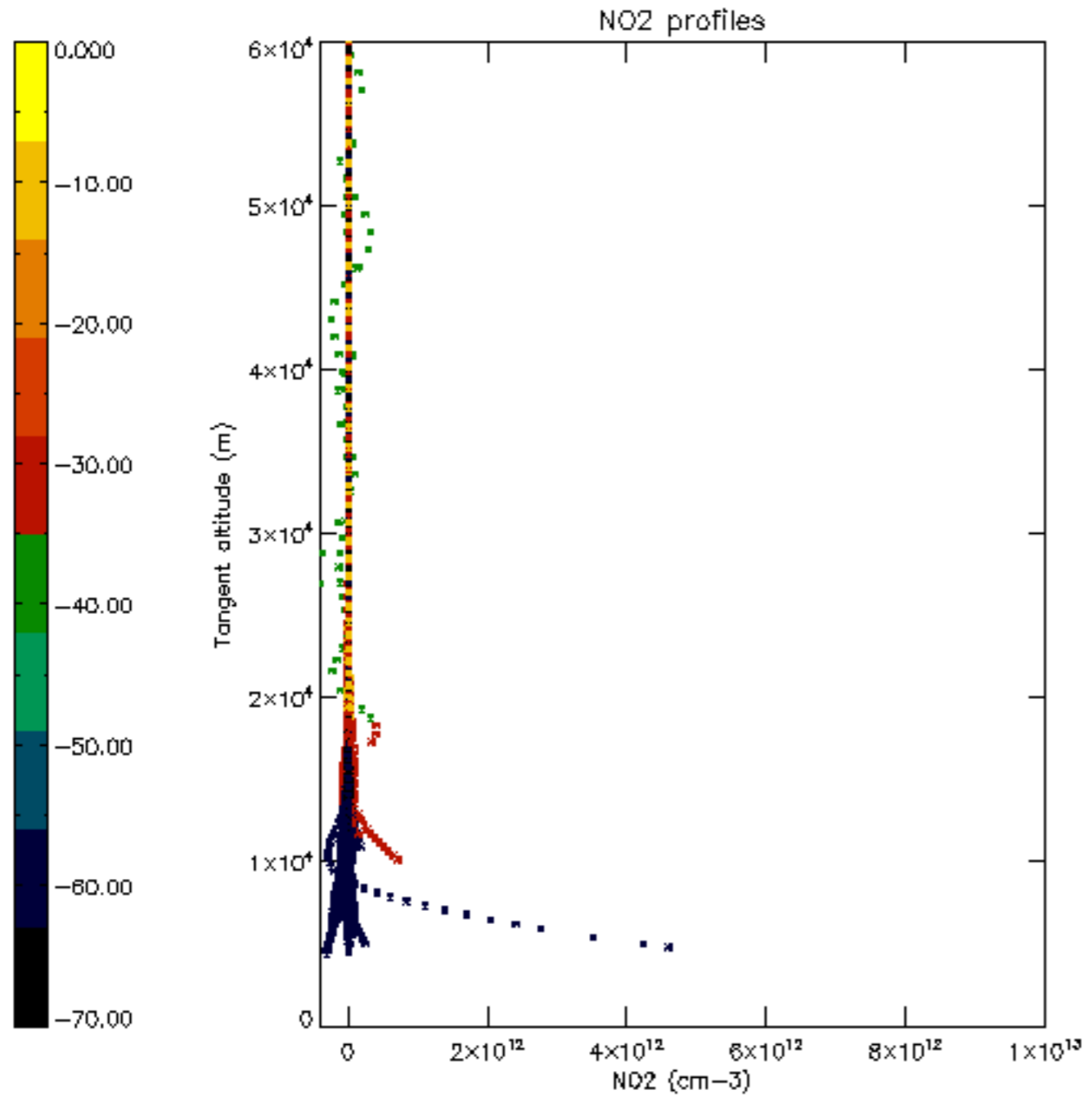


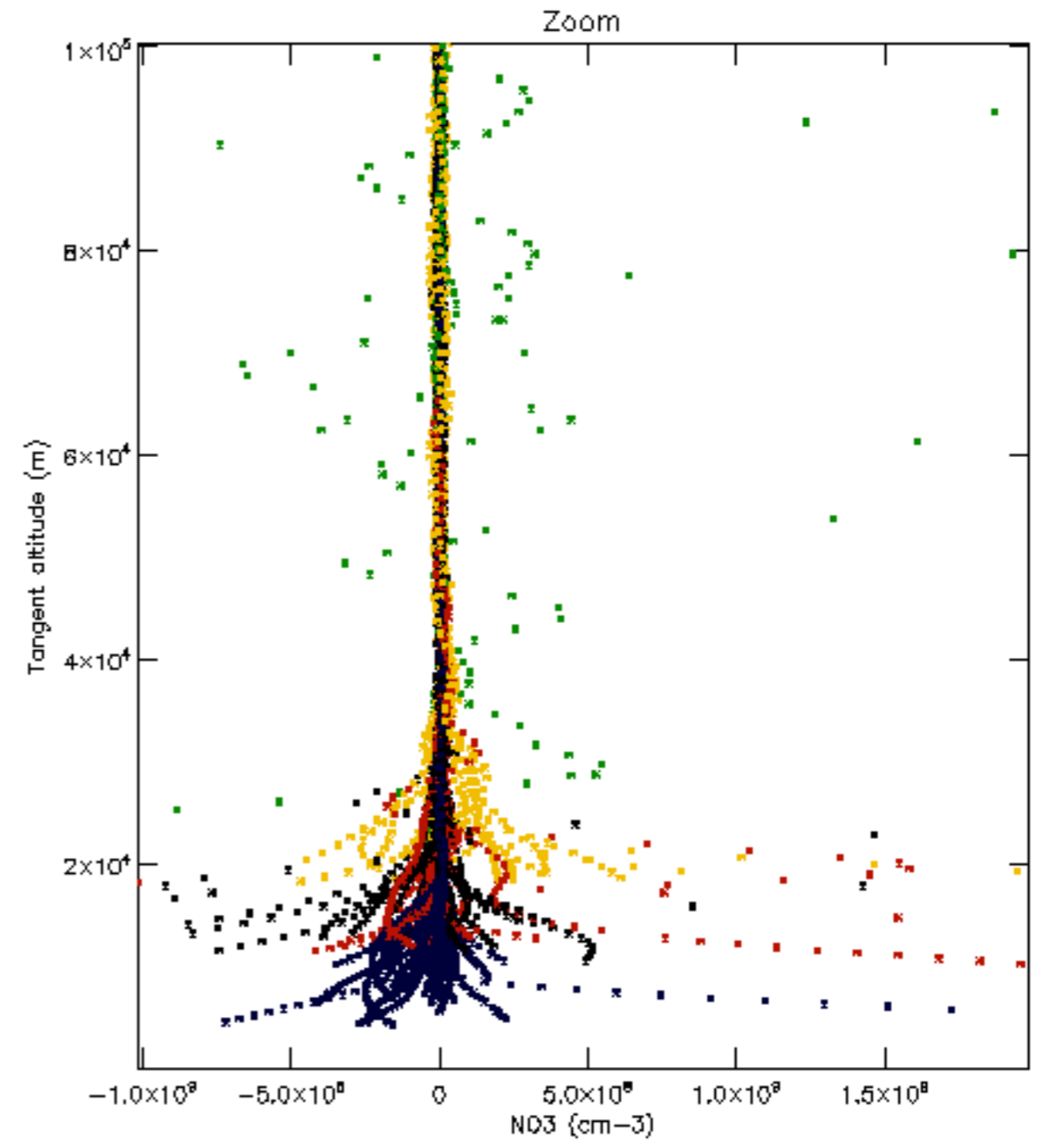
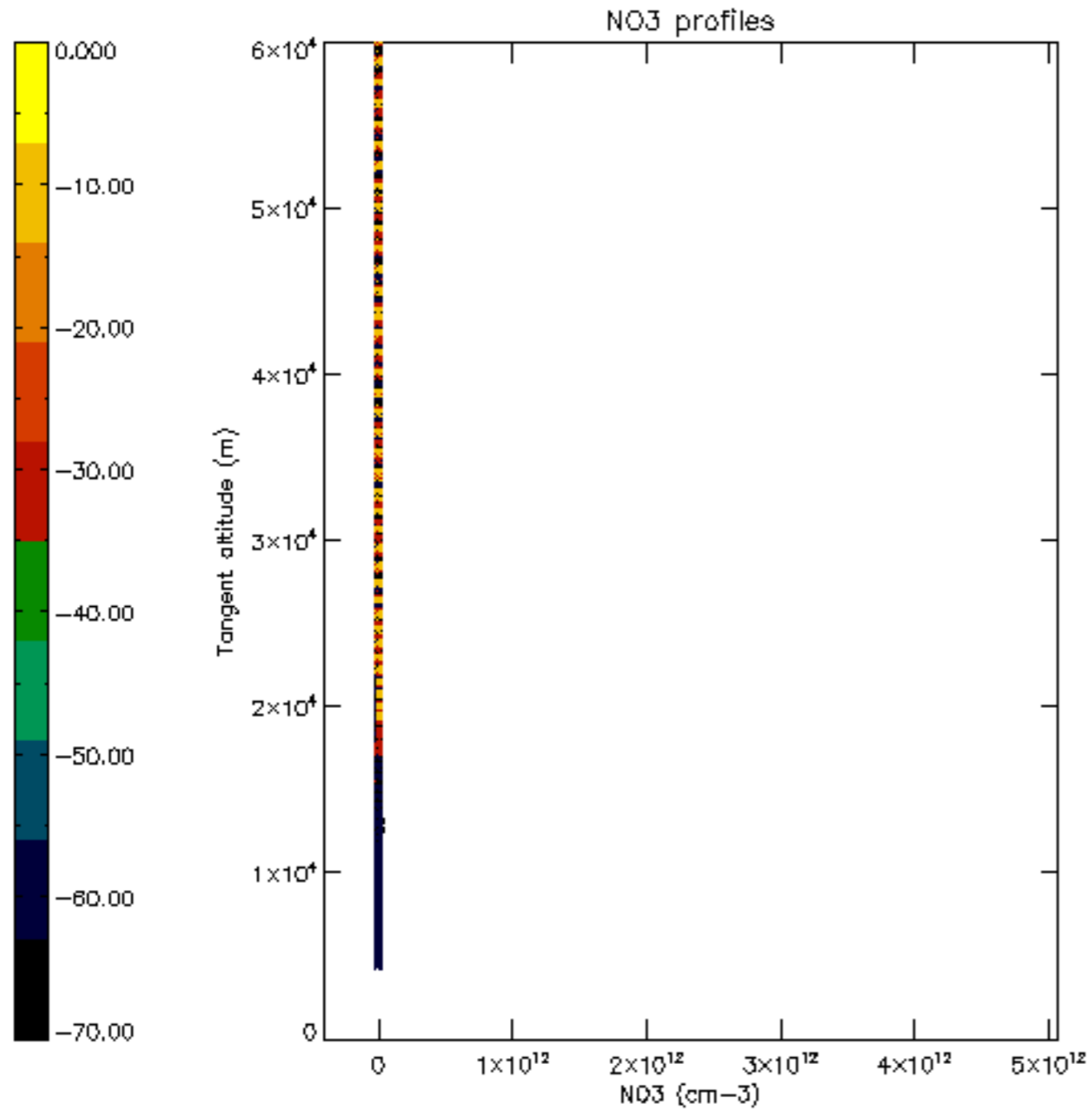




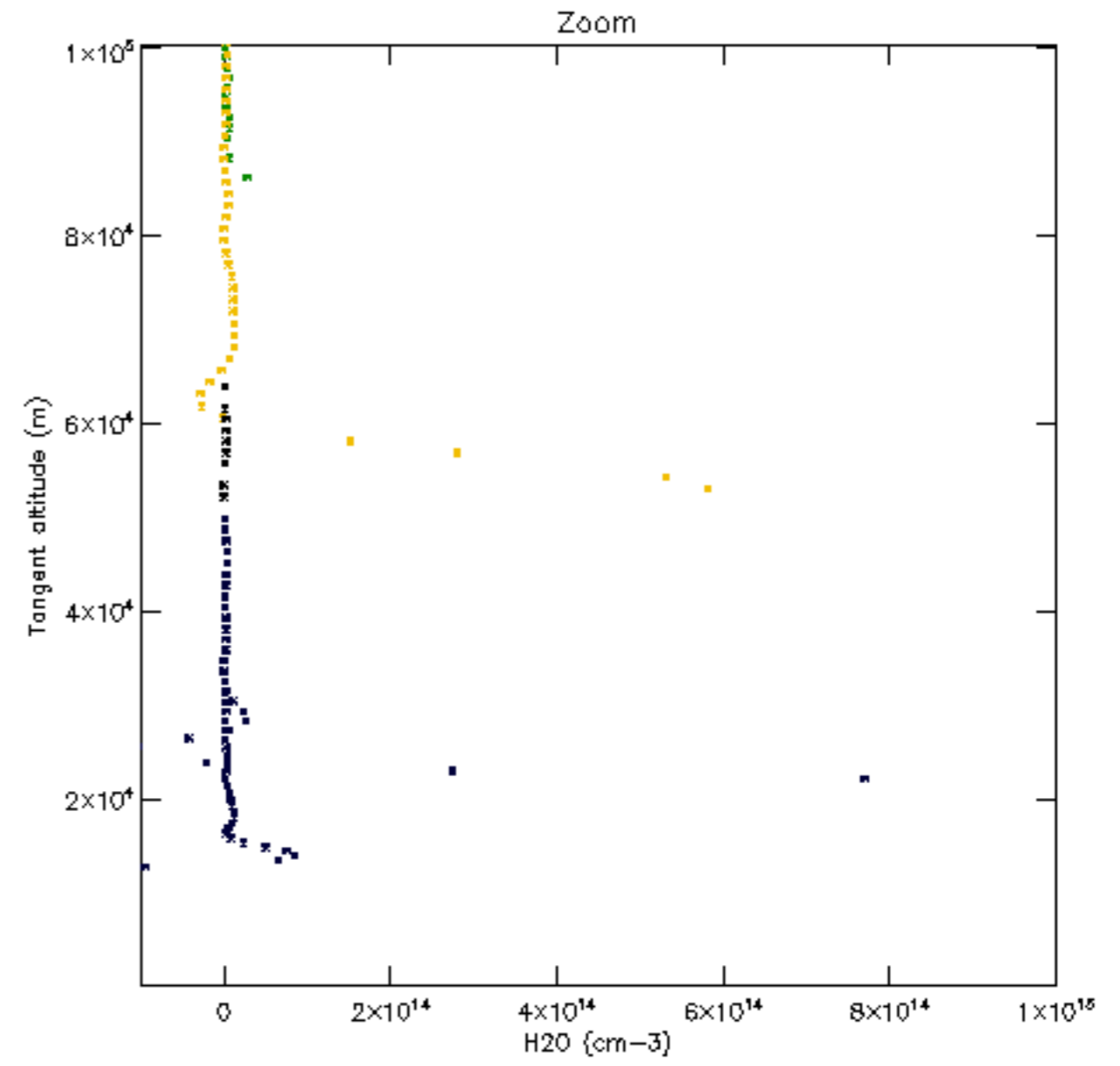
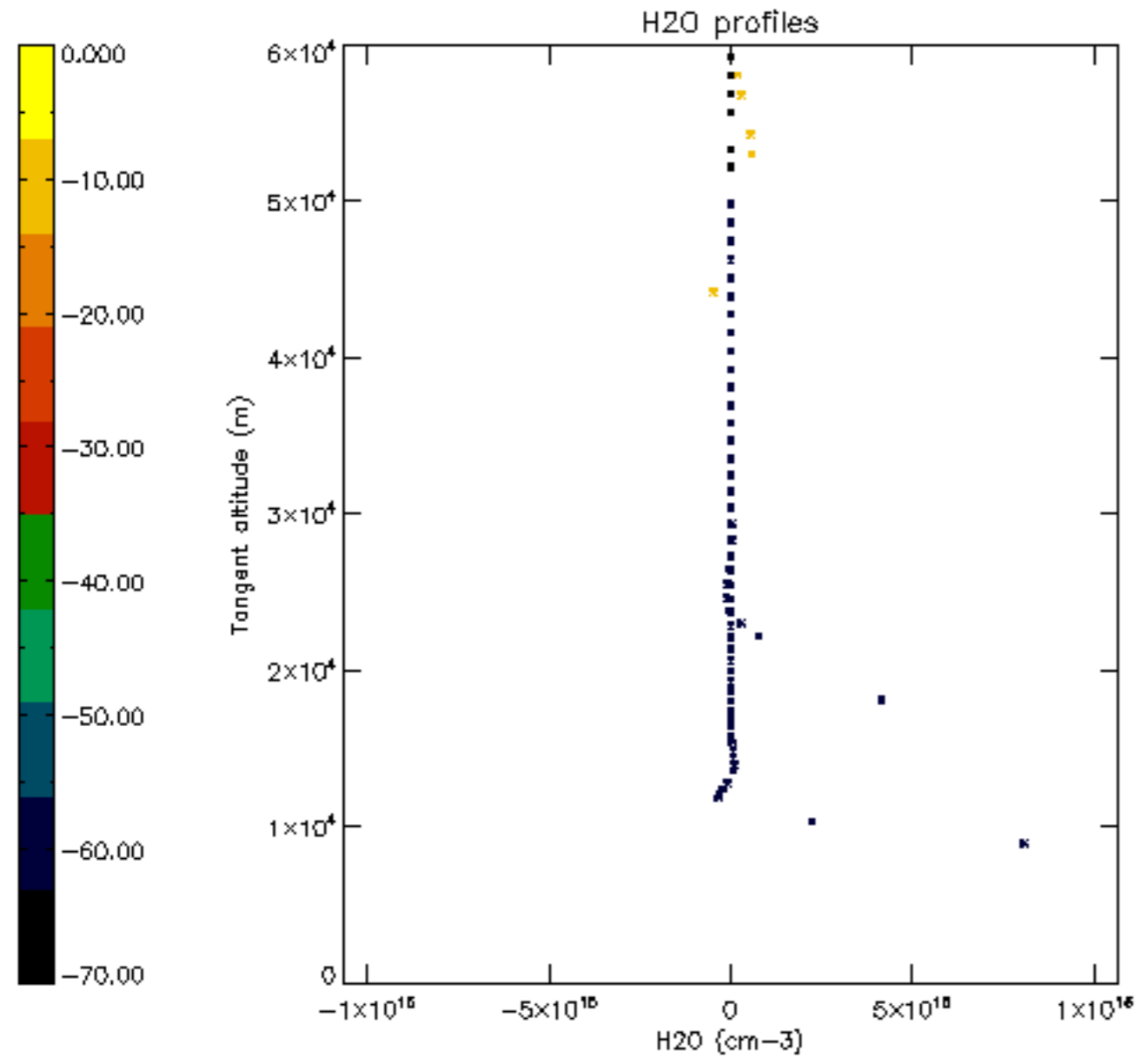


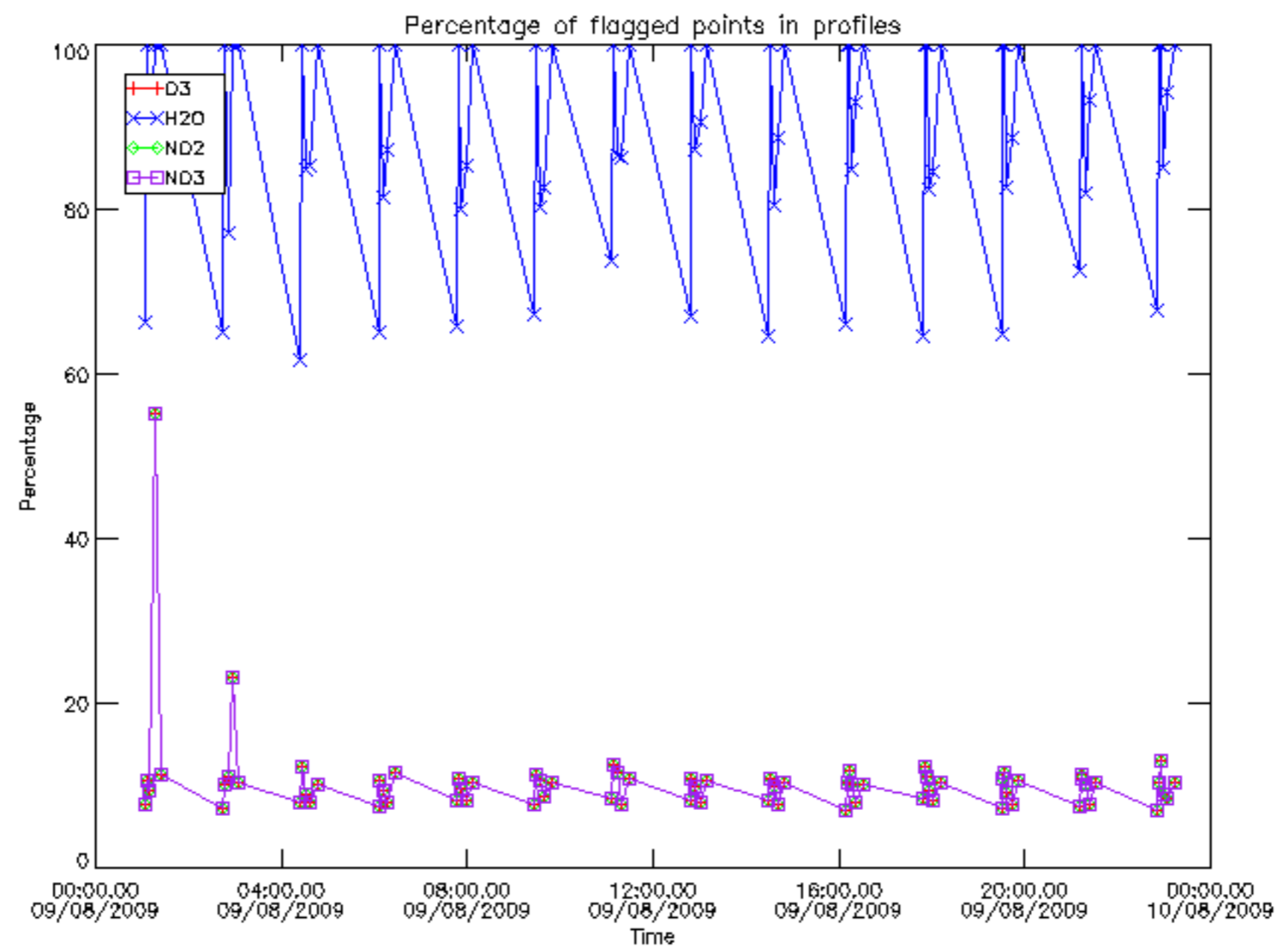




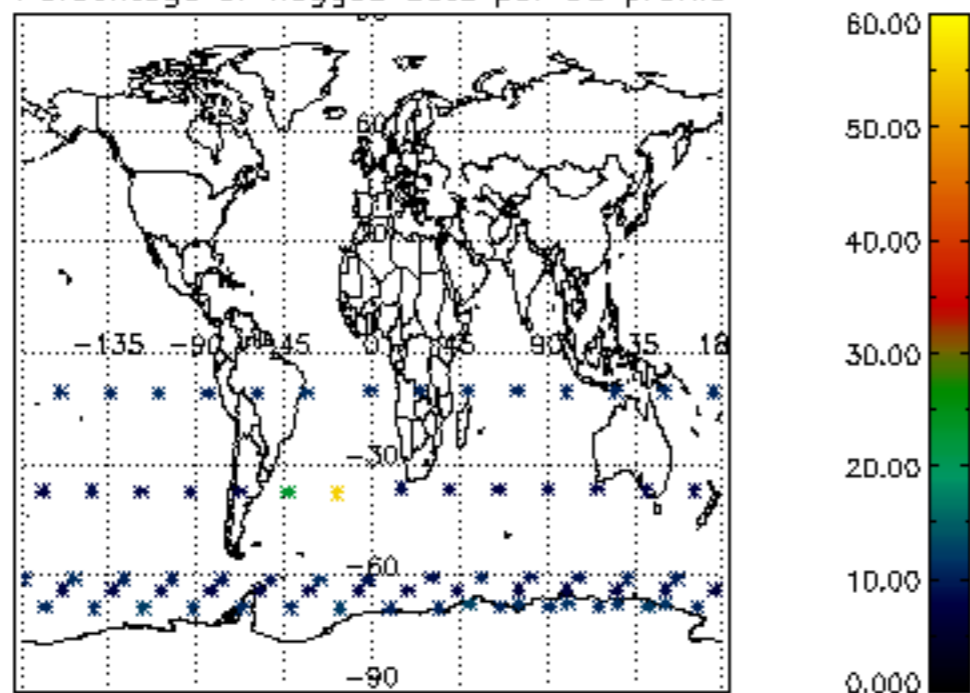




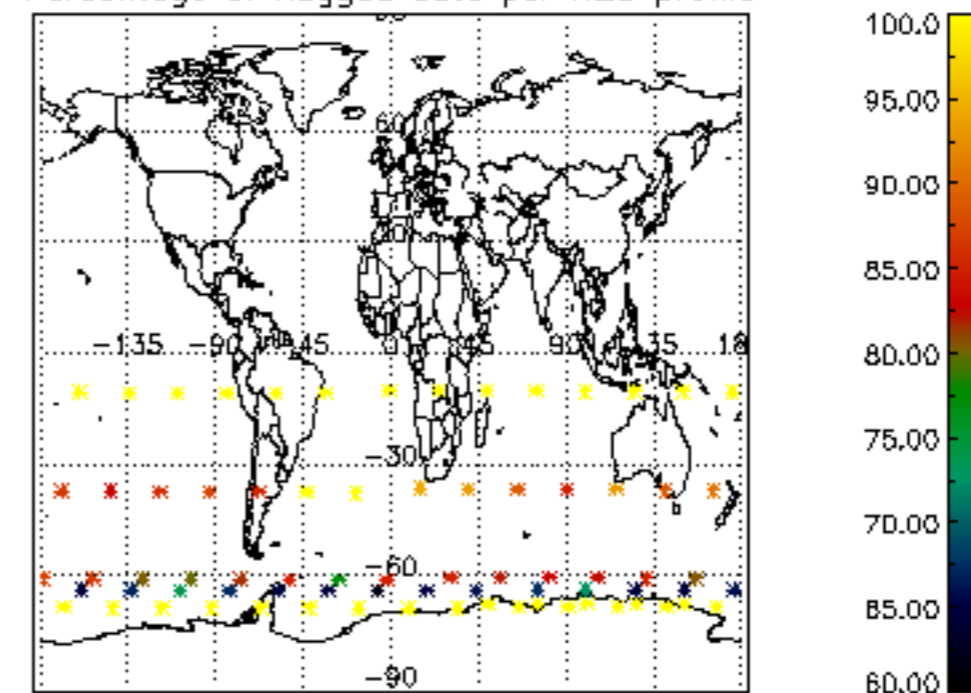




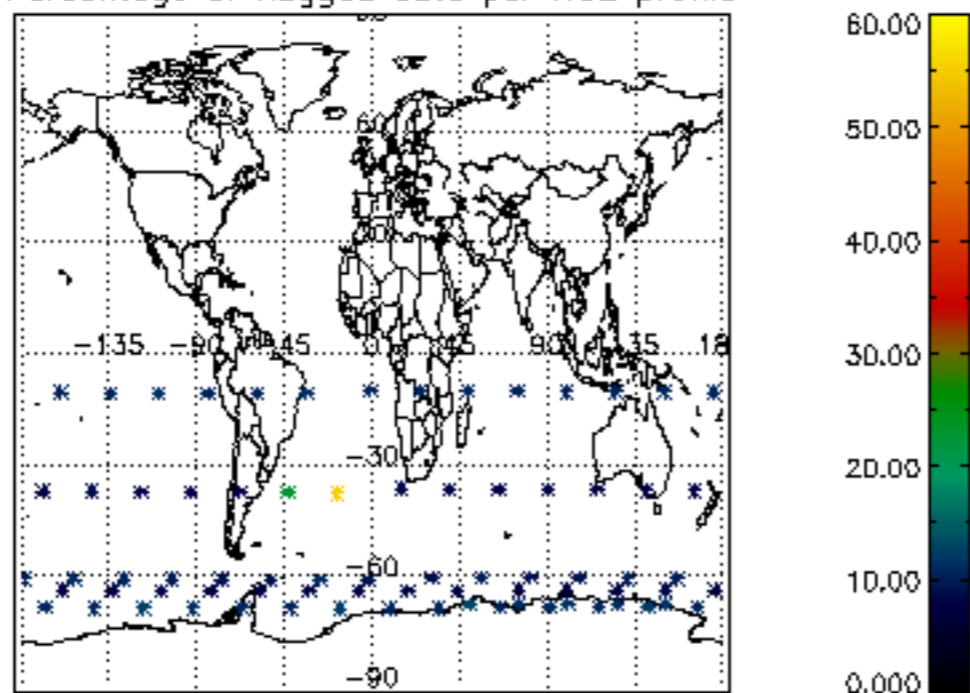
Percentage of flagged data per D3 profile



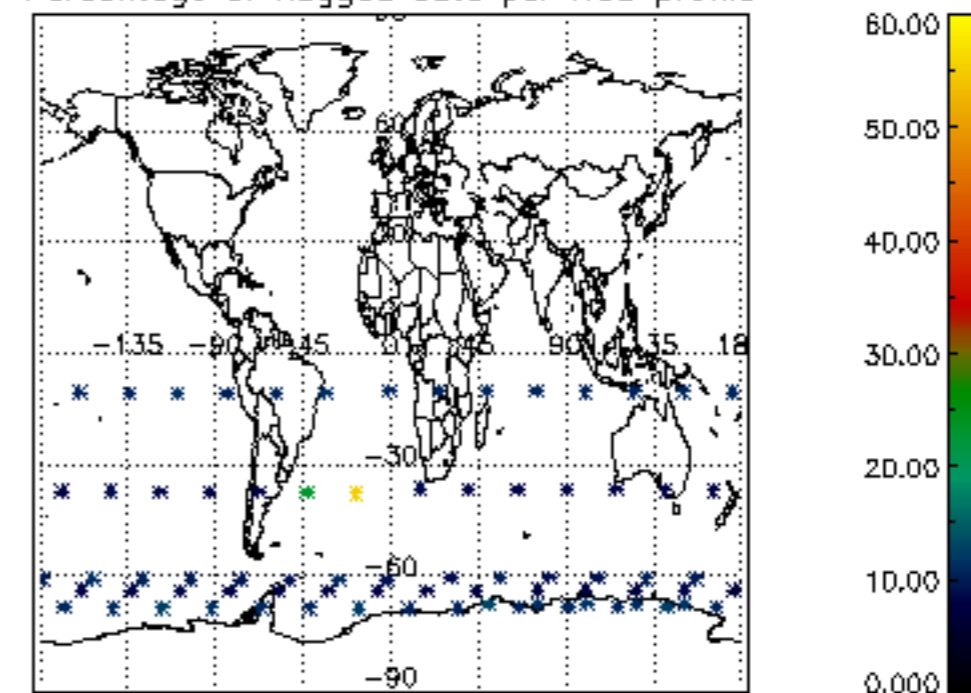
Percentage of flagged data per H2O profile

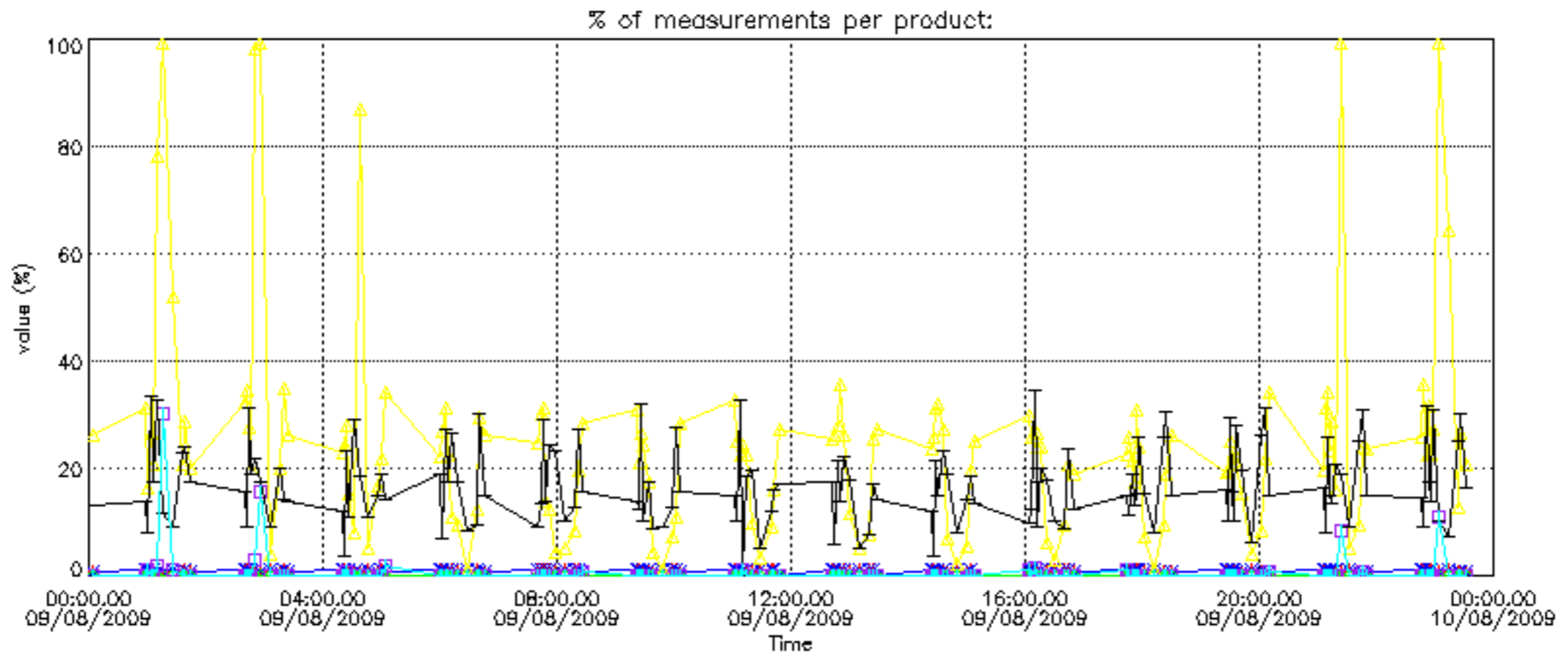


Percentage of flagged data per NO2 profile

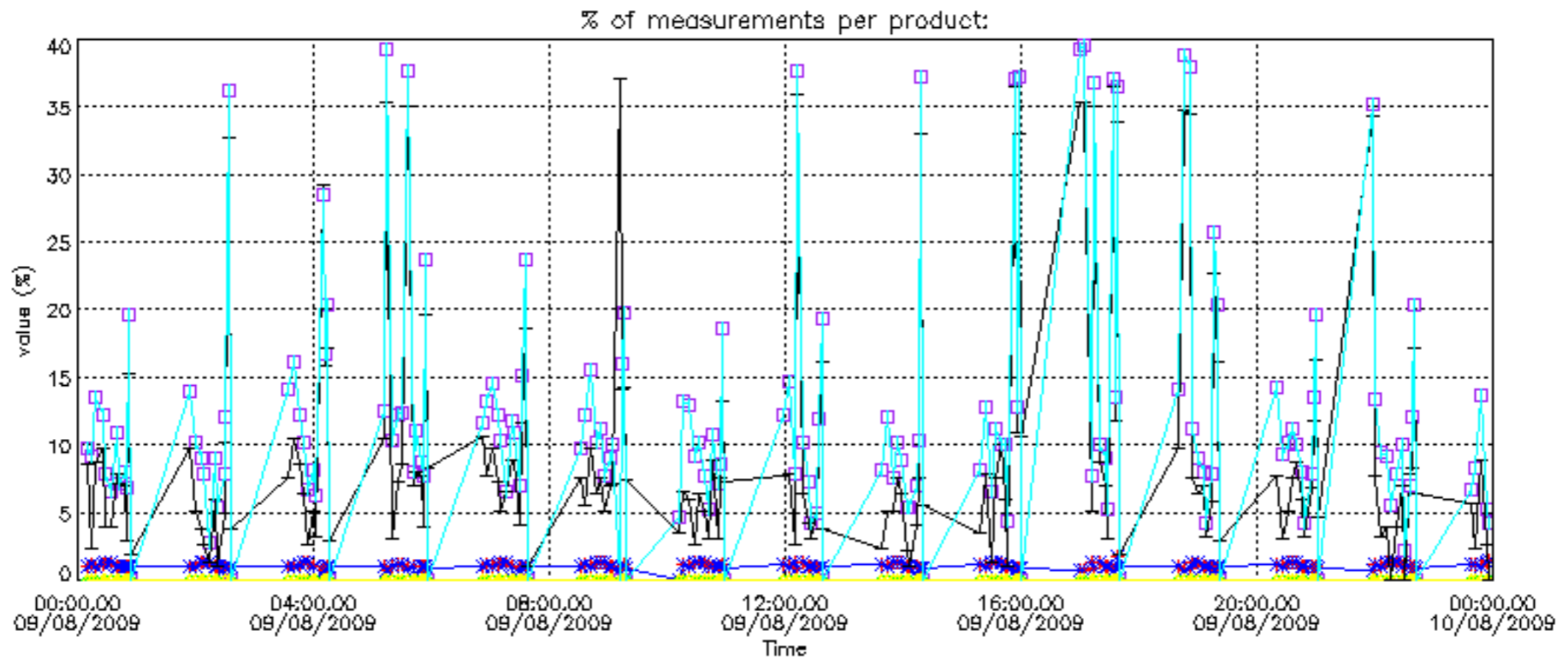


Percentage of flagged data per NO3 profile

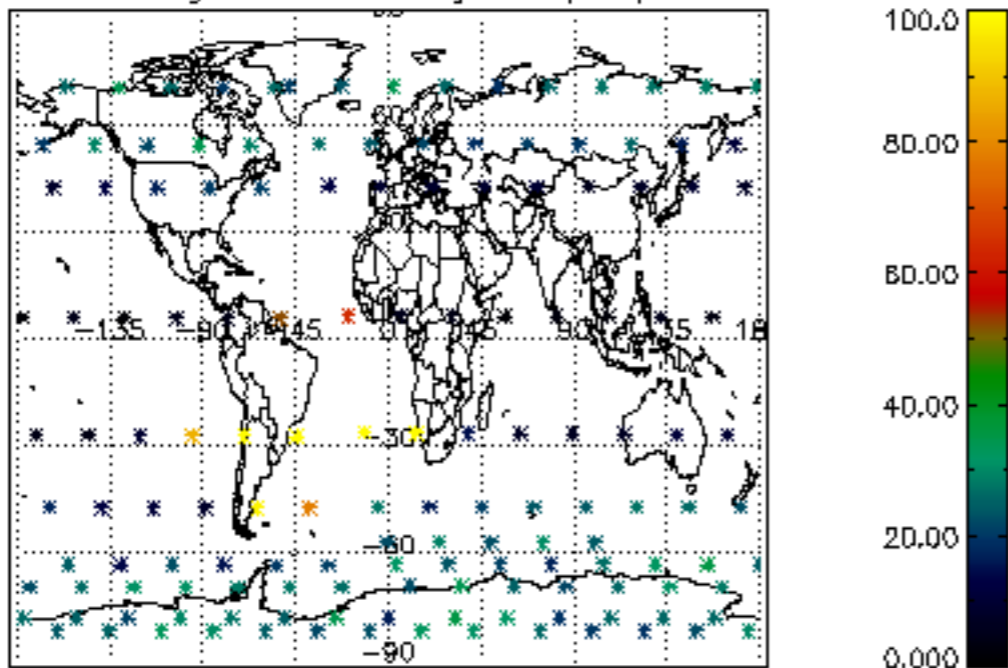




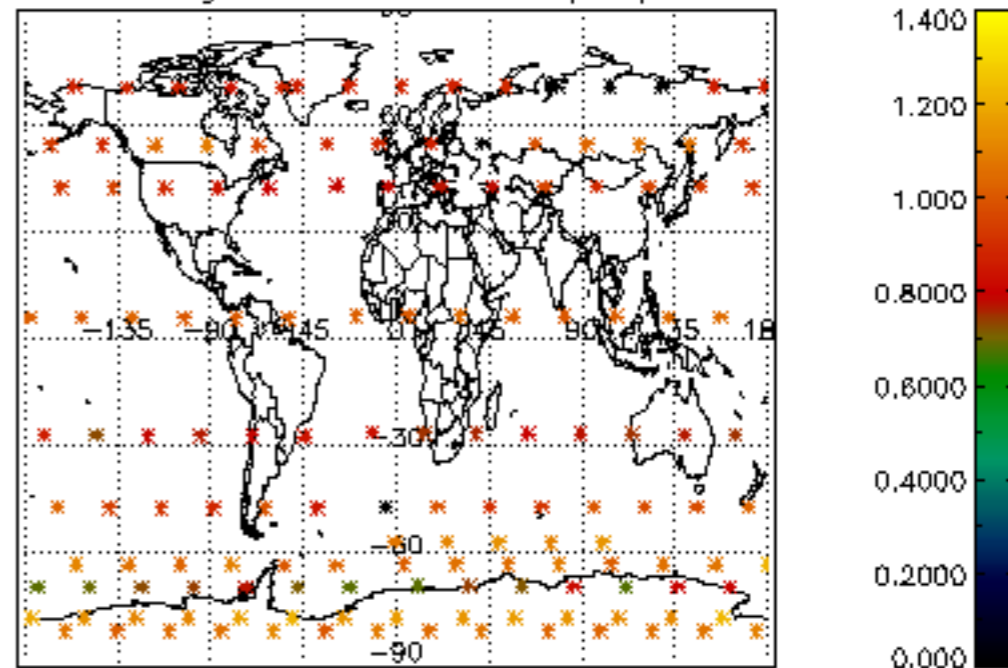




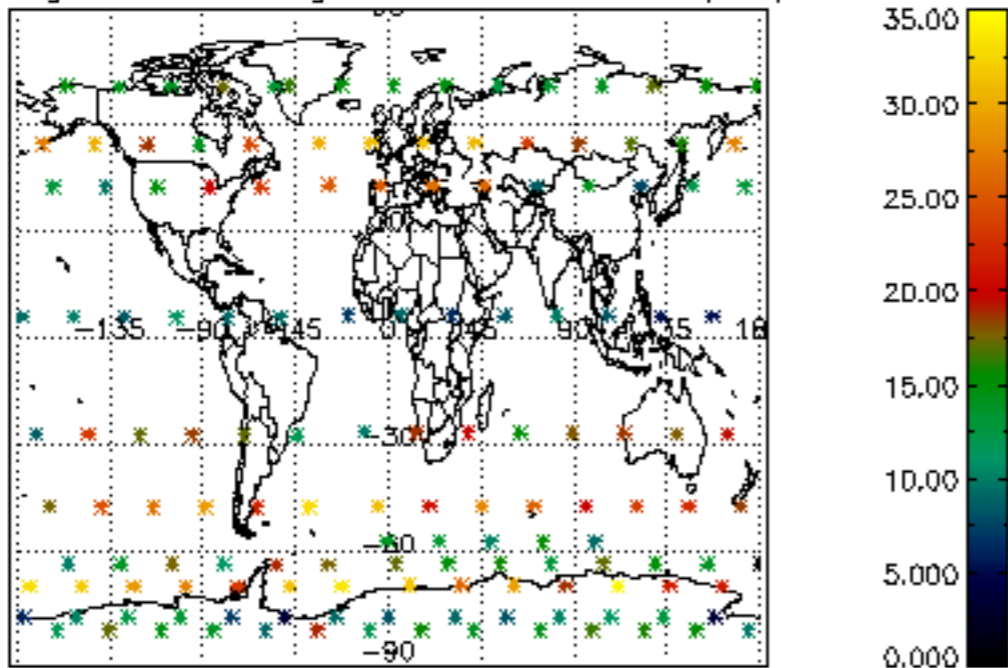
Percentage of cosmic ray hits per profile



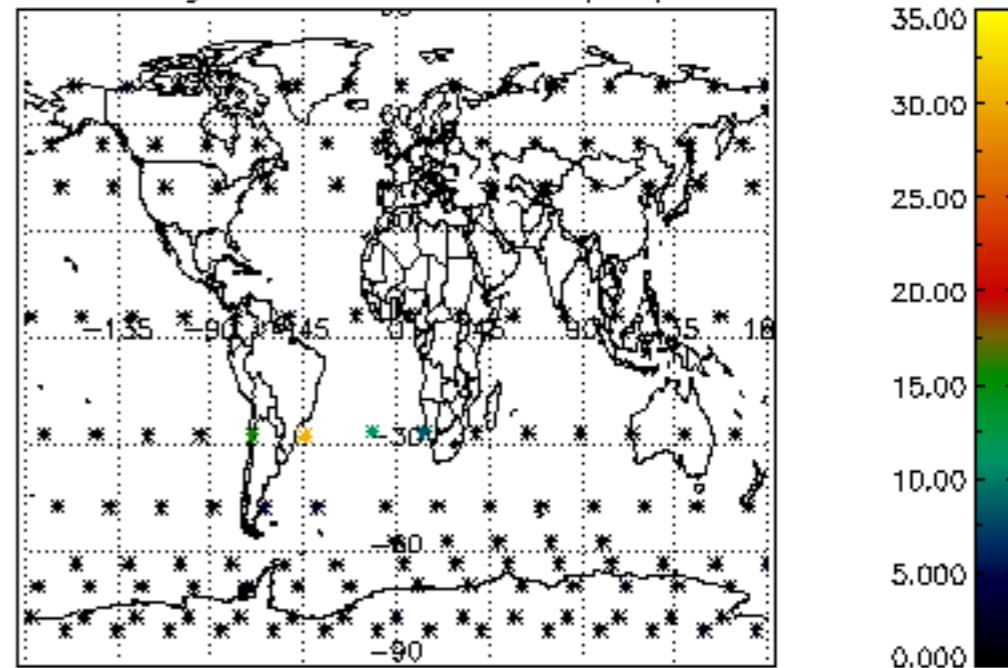
Percentage of datation errors per profile



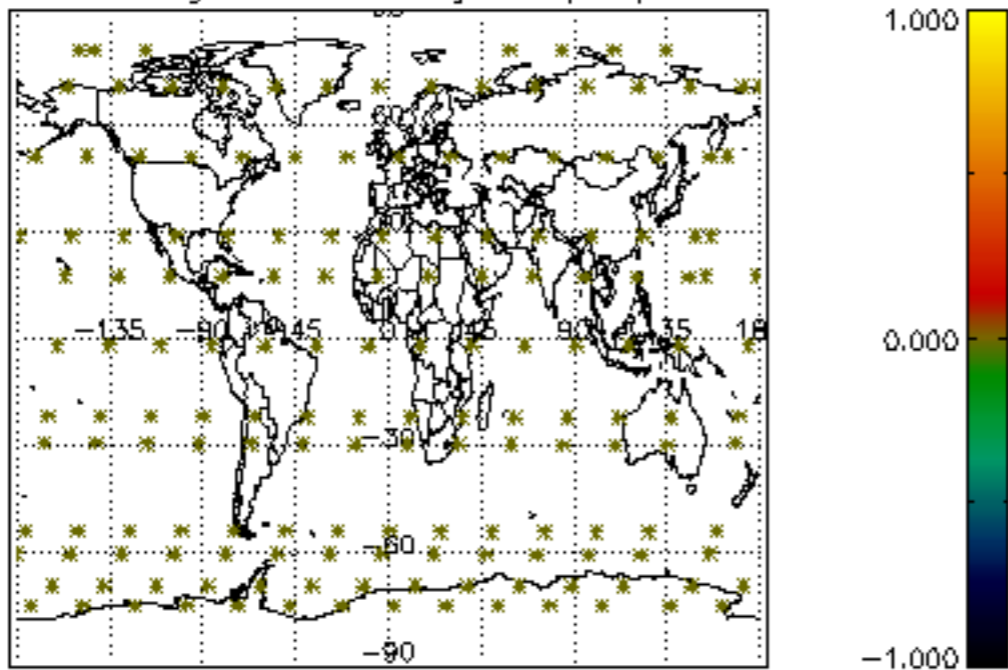
Percentage of star falling outside central band per profile



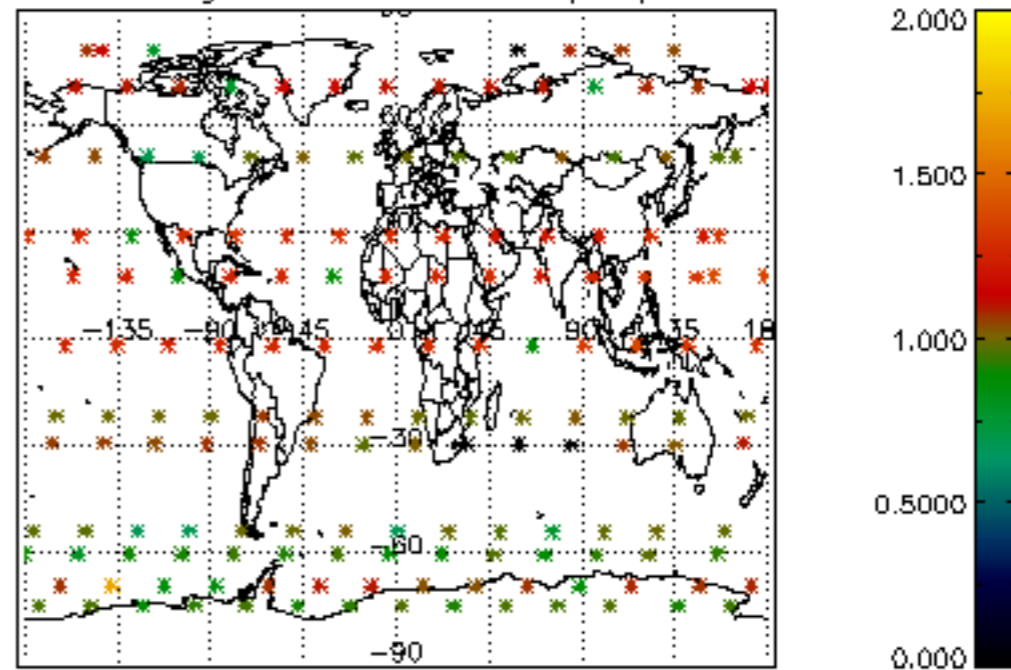
Percentage of saturation errors per profile



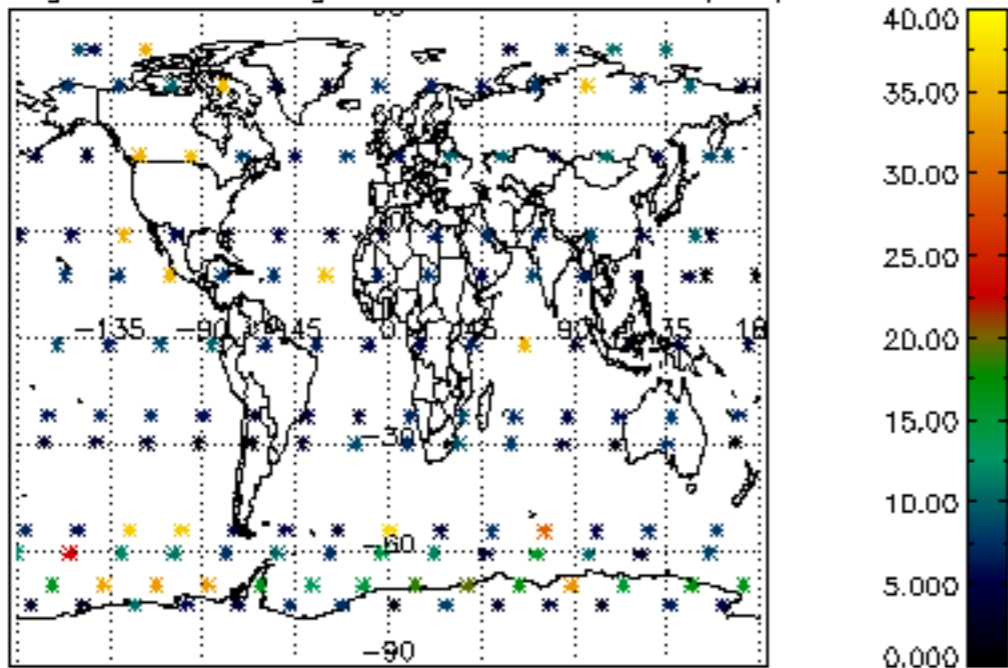
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

