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

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1. General info

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	23APR2013 13:29:41
Data source version	GOMOS/6.01
Start time of products	09-12-2007 (09DEC2007 00:00:00)
Stop time of products	10-12-2007 (10DEC2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	331
Nb of prods with errors	1

2. Summary of processed GOM_NL__2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20071209_003345_000001102064_00074_30188_7358.N1	09-DEC-2007 00:33:45	Dark	109.50	34	Gam2Vel	1.7930	23000.	219	30188	No
2	GOM_NL__2PRFIN20071209_003637_000001102064_00074_30188_7359.N1	09-DEC-2007 00:36:37	Dark	110.00	2	Alp Car	-0.73600	7000.0	220	30188	No
3	GOM_NL__2PRFIN20071209_004247_000001022064_00074_30188_7360.N1	09-DEC-2007 00:42:47	Dark	101.50	108	Alp Col	2.6520	15200.	203	30188	No
4	GOM_NL__2PRFIN20071209_004801_000000822064_00074_30188_7361.N1	09-DEC-2007 00:48:01	Straylight	82.000	101	11Alp Lep	2.5820	7000.0	164	30188	No
5	GOM_NL__2PRFIN20071209_005119_000001112064_00074_30188_7362.N1	09-DEC-2007 00:51:19	Straylight	111.00	7	19Bet Ori	0.10000	14000.	222	30188	No
6	GOM_NL__2PRFIN20071209_005859_000001132064_00074_30188_7363.N1	09-DEC-2007 00:58:59	Bright	113.00	13	87Alp Tau	0.86700	3800.0	226	30188	No
7	GOM_NL__2PRFIN20071209_010315_000000862064_00074_30188_7364.N1	09-DEC-2007 01:03:15	Bright	85.500	150	44Zet Per	2.8900	28000.	171	30188	No
8	GOM_NL__2PRFIN20071209_010918_000000852064_00074_30188_7365.N1	09-DEC-2007 01:09:18	Bright	84.500	160	23Gam Per	2.9300	4700.0	169	30188	No
9	GOM_NL__2PRFIN20071209_011922_000000882064_00074_30188_7366.N1	09-DEC-2007 01:19:22	Bright	87.500	49	1Alp UMi	1.9900	6300.0	175	30188	No
10	GOM_NL__2PRFIN20071209_012405_000000882064_00074_30188_7367.N1	09-DEC-2007 01:24:05	Bright	88.000	60	7Bet UMi	2.0810	3950.0	176	30188	No
11	GOM_NL__2PRFIN20071209_012856_000000982064_00074_30188_7368.N1	09-DEC-2007 01:28:56	Bright	98.000	32	77Eps UMa	1.7630	11000.	196	30188	No
12	GOM_NL__2PRFIN20071209_013118_000000962064_00074_30188_7369.N1	09-DEC-2007 01:31:18	Bright	96.000	39	85Eta UMa	1.8540	24000.	192	30188	No
13	GOM_NL__2PRFIN20071209_013427_000000862064_00074_30188_7370.N1	09-DEC-2007 01:34:27	Bright	86.000	180	27Gam Boo	3.0400	8000.0	172	30188	No
14	GOM_NL__2PRFIN20071209_014007_000000872064_00074_30188_7371.N1	09-DEC-2007 01:40:07	Bright	86.500	3	16Alp Boo	-0.050000	4250.0	173	30188	No
15	GOM_NL__2PRFIN20071209_014955_000001022064_00074_30188_7372.N1	09-DEC-2007 01:49:55	Bright	101.50	15	67Alp Vir	0.97600	28000.	203	30188	No
16	GOM_NL__2PRFIN20071209_015323_000000992064_00074_30188_7373.N1	09-DEC-2007 01:53:23	Twi_and_stray	98.500	169	46Gam Hya	2.9910	4700.0	197	30188	No
17	GOM_NL__2PRFIN20071209_015648_000000922064_00074_30188_7374.N1	09-DEC-2007 01:56:48	Dark	92.000	123	Iot Cen	2.7500	10200.	184	30188	No
18	GOM_NL__2PRFIN20071209_021422_000001122064_00075_30189_7373.N1	09-DEC-2007 02:14:22	Dark	111.50	34	Gam2Vel	1.7930	23000.	223	30189	No
19	GOM_NL__2PRFIN20071209_021713_000000992064_00075_30189_7374.N1	09-DEC-2007 02:17:13	Dark	98.500	2	Alp Car	-0.73600	7000.0	197	30189	No
20	GOM_NL__2PRFIN20071209_022323_000001002064_00075_30189_7375.N1	09-DEC-2007 02:23:23	Dark	99.500	108	Alp Col	2.6520	15200.	199	30189	No
21	GOM_NL__2PRFIN20071209_022837_000000822064_00075_30189_7376.N1	09-DEC-2007 02:28:37	Straylight	82.000	101	11Alp Lep	2.5820	7000.0	164	30189	No
22	GOM_NL__2PRFIN20071209_023155_000001112064_00075_30189_7377.N1	09-DEC-2007 02:31:55	Straylight	111.00	7	19Bet Ori	0.10000	14000.	222	30189	No
23	GOM_NL__2PRFIN20071209_023935_000001112064_00075_30189_7378.N1	09-DEC-2007 02:39:35	Bright	111.00	13	87Alp Tau	0.86700	3800.0	222	30189	No
24	GOM_NL__2PRFIN20071209_024350_000000882064_00075_30189_7379.N1	09-DEC-2007 02:43:50	Bright	87.500	150	44Zet Per	2.8900	28000.	175	30189	No
25	GOM_NL__2PRFIN20071209_024954_000000842064_00075_30189_7380.N1	09-DEC-2007 02:49:54	Bright	84.000	160	23Gam Per	2.9300	4700.0	168	30189	No
26	GOM_NL__2PRFIN20071209_025957_000000872064_00075_30189_7381.N1	09-DEC-2007 02:59:57	Bright	86.500	49	1Alp UMi	1.9900	6300.0	173	30189	No
27	GOM_NL__2PRFIN20071209_030441_000000892064_00075_30189_7382.N1	09-DEC-2007 03:04:41	Bright	88.500	60	7Bet UMi	2.0810	3950.0	177	30189	No
28	GOM_NL__2PRFIN20071209_030932_000000982064_00075_30189_7383.N1	09-DEC-2007 03:09:32	Bright	98.000	32	77Eps UMa	1.7630	11000.	196	30189	No
29	GOM_NL__2PRFIN20071209_031154_000000942064_00075_30189_7384.N1	09-DEC-2007 03:11:54	Bright	94.000	39	85Eta UMa	1.8540	24000.	188	30189	No
30	GOM_NL__2PRFIN20071209_031502_000000872064_00075_30189_7385.N1	09-DEC-2007 03:15:02	Bright	86.500	180	27Gam Boo	3.0400	8000.0	173	30189	No
31	GOM_NL__2PRFIN20071209_032043_000000882064_00075_30189_7386.N1	09-DEC-2007 03:20:43	Bright	87.500	3	16Alp Boo	-0.050000	4250.0	175	30189	No
32	GOM_NL__2PRFIN20071209_033031_000001012064_00075_30189_7387.N1	09-DEC-2007 03:30:31	Bright	101.00	15	67Alp Vir	0.97600	28000.	202	30189	No
33	GOM_NL__2PRFIN20071209_033400_000000972064_00075_30189_7388.N1	09-DEC-2007 03:34:00	Twi_and_stray	96.500	169	46Gam Hya	2.9910	4700.0	193	30189	No
34	GOM_NL__2PRFIN20071209_033725_000000912064_00075_30189_7389.N1	09-DEC-2007 03:37:25	Dark	91.000	123	Iot Cen	2.7500	10200.	182	30189	No
35	GOM_NL__2PRFIN20071209_034131_000000932064_00075_30189_7390.N1	09-DEC-2007 03:41:31	Dark	93.000	64	Gam Cen	2.2000	10600.	186	30189	No
36	GOM_NL__2PRFIN20071209_034721_000000452064_00076_30190_7383.N1	09-DEC-2007 03:47:21	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	30190	No
37	GOM_NL__2PRFIN20071209_035025_000000382064_00076_30190_7384.N1	09-DEC-2007 03:50:25	Dark	38.000	159	Ups Car	2.9200	7200.0	76	30190	No
38	GOM_NL__2PRFIN20071209_035601_000000512064_00076_30190_7385.N1	09-DEC-2007 03:56:01	Dark	51.000	34	Gam2Vel	1.7930	23000.	102	30190	No
39	GOM_NL__2PRFIN20071209_035844_000000492064_00076_30190_7386.N1	09-DEC-2007 03:58:44	Dark	49.000	2	Alp Car	-0.73600	7000.0	98	30190	No
40	GOM_NL__2PRFIN20071209_040457_000000432064_00076_30190_7387.N1	09-DEC-2007 04:04:57	Dark	43.000	108	Alp Col	2.6520	15200.	86	30190	No
41	GOM_NL__2PRFIN20071209_041014_000000282064_00076_30190_7388.N1	09-DEC-2007 04:10:14	Straylight	28.000	101	11Alp Lep	2.5820	7000.0	56	30190	No
42	GOM_NL__2PRFIN20071209_041331_000000542064_00076_30190_7389.N1	09-DEC-2007 04:13:31	Straylight	54.000	7	19Bet Ori	0.10000	14000.	108	30190	No

43	GOM_NL__2PRFIN20071209_042107_000000502064_00076_30190_7390.N1	09-DEC-2007 04:21:07	Bright	49.500	13	87Alp Tau	0.86700	3800.0	99	30190	No
44	GOM_NL__2PRFIN20071209_042302_000000352064_00076_30190_7391.N1	09-DEC-2007 04:23:02	Bright	35.000	146	25Eta Tau	2.8730	15200.	70	30190	No
45	GOM_NL__2PRFIN20071209_042517_000000372064_00076_30190_7392.N1	09-DEC-2007 04:25:17	Bright	37.000	150	44Zet Per	2.8900	28000.	74	30190	No
46	GOM_NL__2PRFIN20071209_042739_000000362064_00076_30190_7393.N1	09-DEC-2007 04:27:39	Bright	35.500	149	45Eps Per	2.8880	30000.	71	30190	No
47	GOM_NL__2PRFIN20071209_042946_000000352064_00076_30190_7394.N1	09-DEC-2007 04:29:46	Bright	35.000	175	39Del Per	3.0100	19400.	70	30190	No
48	GOM_NL__2PRFIN20071209_043120_000000362064_00076_30190_7395.N1	09-DEC-2007 04:31:20	Bright	35.500	160	23Gam Per	2.9300	4700.0	71	30190	No
49	GOM_NL__2PRFIN20071209_044125_000000362064_00076_30190_7396.N1	09-DEC-2007 04:41:25	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	30190	No
50	GOM_NL__2PRFIN20071209_044608_000000382064_00076_30190_7397.N1	09-DEC-2007 04:46:08	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	30190	No
51	GOM_NL__2PRFIN20071209_045105_000000412064_00076_30190_7398.N1	09-DEC-2007 04:51:05	Bright	41.000	32	77Eps UMa	1.7630	11000.	82	30190	No
52	GOM_NL__2PRFIN20071209_045324_000000392064_00076_30190_7399.N1	09-DEC-2007 04:53:24	Bright	39.000	39	85Eta UMa	1.8540	24000.	78	30190	No
53	GOM_NL__2PRFIN20071209_045630_000000362064_00076_30190_7400.N1	09-DEC-2007 04:56:30	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	30190	No
54	GOM_NL__2PRFIN20071209_045936_000000342064_00076_30190_7401.N1	09-DEC-2007 04:59:36	Bright	34.000	83		2.3780	11000.	68	30190	No
55	GOM_NL__2PRFIN20071209_050244_000000542064_00076_30190_7402.N1	09-DEC-2007 05:02:44	Bright	54.000	111	8Eta Boo	2.6800	6000.0	108	30190	No
56	GOM_NL__2PRFIN20071209_051203_000000472064_00076_30190_7403.N1	09-DEC-2007 05:12:03	Bright	47.000	15	67Alp Vir	0.97600	28000.	94	30190	No
57	GOM_NL__2PRFIN20071209_051531_000000432064_00076_30190_7404.N1	09-DEC-2007 05:15:31	Twi_and_stray	43.000	169	46Gam Hya	2.9910	4700.0	86	30190	No
58	GOM_NL__2PRFIN20071209_051729_000000482064_00076_30190_7405.N1	09-DEC-2007 05:17:29	Dark	47.500	106	9Bet Crv	2.6480	5600.0	95	30190	No
59	GOM_NL__2PRFIN20071209_052300_000000432064_00076_30190_7406.N1	09-DEC-2007 05:23:00	Dark	42.500	64	Gam Cen	2.2000	10600.	85	30190	No
60	GOM_NL__2PRFIN20071209_052430_000000392064_00076_30190_7407.N1	09-DEC-2007 05:24:30	Dark	39.000	99	Del Cen	2.5750	26000.	78	30190	No
61	GOM_NL__2PRFIN20071209_052758_000000452064_00077_30191_7392.N1	09-DEC-2007 05:27:58	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	30191	No
62	GOM_NL__2PRFIN20071209_053102_000000382064_00077_30191_7393.N1	09-DEC-2007 05:31:02	Dark	37.500	159	Ups Car	2.9200	7200.0	75	30191	No
63	GOM_NL__2PRFIN20071209_053638_000000512064_00077_30191_7394.N1	09-DEC-2007 05:36:38	Dark	50.500	34	Gam2Vel	1.7930	23000.	101	30191	No
64	GOM_NL__2PRFIN20071209_053920_000000552064_00077_30191_7395.N1	09-DEC-2007 05:39:20	Dark	55.000	2	Alp Car	-0.73600	7000.0	110	30191	No
65	GOM_NL__2PRFIN20071209_054533_000000432064_00077_30191_7396.N1	09-DEC-2007 05:45:33	Dark	42.500	108	Alp Col	2.6520	15200.	85	30191	No
66	GOM_NL__2PRFIN20071209_055050_000000282064_00077_30191_7397.N1	09-DEC-2007 05:50:50	Straylight	28.000	101	11Alp Lep	2.5820	7000.0	56	30191	No
67	GOM_NL__2PRFIN20071209_055407_000000532064_00077_30191_7398.N1	09-DEC-2007 05:54:07	Straylight	53.000	7	19Bet Ori	0.10000	14000.	106	30191	No
68	GOM_NL__2PRFIN20071209_060143_000000532064_00077_30191_7399.N1	09-DEC-2007 06:01:43	Bright	52.500	13	87Alp Tau	0.86700	3800.0	105	30191	No
69	GOM_NL__2PRFIN20071209_060338_000000362064_00077_30191_7400.N1	09-DEC-2007 06:03:38	Bright	35.500	146	25Eta Tau	2.8730	15200.	71	30191	No
70	GOM_NL__2PRFIN20071209_060553_000000372064_00077_30191_7401.N1	09-DEC-2007 06:05:53	Bright	37.000	150	44Zet Per	2.8900	28000.	74	30191	No
71	GOM_NL__2PRFIN20071209_060815_000000352064_00077_30191_7402.N1	09-DEC-2007 06:08:15	Bright	34.500	149	45Eps Per	2.8880	30000.	69	30191	No
72	GOM_NL__2PRFIN20071209_061022_000000352064_00077_30191_7403.N1	09-DEC-2007 06:10:22	Bright	35.000	175	39Del Per	3.0100	19400.	70	30191	No
73	GOM_NL__2PRFIN20071209_061156_000000352064_00077_30191_7404.N1	09-DEC-2007 06:11:56	Bright	35.000	160	23Gam Per	2.9300	4700.0	70	30191	No
74	GOM_NL__2PRFIN20071209_062201_000000332064_00077_30191_7405.N1	09-DEC-2007 06:22:01	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	30191	No
75	GOM_NL__2PRFIN20071209_062644_000000332064_00077_30191_7406.N1	09-DEC-2007 06:26:44	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	30191	No
76	GOM_NL__2PRFIN20071209_063141_000000382064_00077_30191_7407.N1	09-DEC-2007 06:31:41	Bright	38.000	32	77Eps UMa	1.7630	11000.	76	30191	No
77	GOM_NL__2PRFIN20071209_063400_000000402064_00077_30191_7408.N1	09-DEC-2007 06:34:00	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	30191	No
78	GOM_NL__2PRFIN20071209_063706_000000342064_00077_30191_7409.N1	09-DEC-2007 06:37:06	Bright	33.500	180	27Gam Boo	3.0400	8000.0	67	30191	No
79	GOM_NL__2PRFIN20071209_064012_000000342064_00077_30191_7410.N1	09-DEC-2007 06:40:12	Bright	34.000	83		2.3780	11000.	68	30191	No
80	GOM_NL__2PRFIN20071209_064320_000000362064_00077_30191_7411.N1	09-DEC-2007 06:43:20	Bright	36.000	111	8Eta Boo	2.6800	6000.0	72	30191	No
81	GOM_NL__2PRFIN20071209_065240_000000462064_00077_30191_7412.N1	09-DEC-2007 06:52:40	Bright	45.500	15	67Alp Vir	0.97600	28000.	91	30191	No
82	GOM_NL__2PRFIN20071209_065607_000000422064_00077_30191_7413.N1	09-DEC-2007 06:56:07	Twi_and_stray	42.000	169	46Gam Hya	2.9910	4700.0	84	30191	No
83	GOM_NL__2PRFIN20071209_065806_000000512064_00077_30191_7414.N1	09-DEC-2007 06:58:06	Dark	50.500	106	9Bet Crv	2.6480	5600.0	101	30191	No
84	GOM_NL__2PRFIN20071209_070336_000000412064_00077_30191_7415.N1	09-DEC-2007 07:03:36	Dark	40.500	64	Gam Cen	2.2000	10600.	81	30191	No
85	GOM_NL__2PRFIN20071209_070506_000000392064_00077_30191_7416.N1	09-DEC-2007 07:05:06	Dark	39.000	99	Del Cen	2.5750	26000.	78	30191	No
86	GOM_NL__2PRFIN20071209_070834_000000452064_00078_30192_7415.N1	09-DEC-2007 07:08:34	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	30192	No
87	GOM_NL__2PRFIN20071209_071138_000000382064_00078_30192_7416.N1	09-DEC-2007 07:11:38	Dark	38.000	159	Ups Car	2.9200	7200.0	76	30192	No
88	GOM_NL__2PRFIN20071209_071714_000000522064_00078_30192_7417.N1	09-DEC-2007 07:17:14	Dark	51.500	34	Gam2Vel	1.7930	23000.	103	30192	No
89	GOM_NL__2PRFIN20071209_071957_000000462064_00078_30192_7418.N1	09-DEC-2007 07:19:57	Dark	45.500	2	Alp Car	-0.73600	7000.0	91	30192	No
90	GOM_NL__2PRFIN20071209_072610_000000432064_00078_30192_7419.N1	09-DEC-2007 07:26:10	Dark	43.000	108	Alp Col	2.6520	15200.	86	30192	No
91	GOM_NL__2PRFIN20071209_073127_000000342064_00078_30192_7420.N1	09-DEC-2007 07:31:27	Straylight	33.500	101	11Alp Lep	2.5820	7000.0	67	30192	No
92	GOM_NL__2PRFIN20071209_073443_000000612064_00078_30192_7421.N1	09-DEC-2007 07:34:43	Straylight	61.000	7	19Bet Ori	0.10000	14000.	122	30192	No
93	GOM_NL__2PRFIN20071209_074218_000000522064_00078_30192_7422.N1	09-DEC-2007 07:42:18	Bright	51.500	13	87Alp Tau	0.86700	3800.0	103	30192	No
94	GOM_NL__2PRFIN20071209_074414_000000352064_00078_30192_7423.N1	09-DEC-2007 07:44:14	Bright	35.000	146	25Eta Tau	2.8730	15200.	70	30192	No
95	GOM_NL__2PRFIN20071209_074629_000000362064_00078_30192_7424.N1	09-DEC-2007 07:46:29	Bright	35.500	150	44Zet Per	2.8900	28000.	71	30192	No
96	GOM_NL__2PRFIN20071209_074850_000000362064_00078_30192_7425.N1	09-DEC-2007 07:48:50	Bright	35.500	149	45Eps Per	2.8880	30000.	71	30192	No
97	GOM_NL__2PRFIN20071209_075058_000000352064_00078_30192_7426.N1	09-DEC-2007 07:50:58	Bright	34.500	175	39Del Per	3.0100	19400.	69	30192	No
98	GOM_NL__2PRFIN20071209_075232_000000342064_00078_30192_7427.N1	09-DEC-2007 07:52:32	Bright	34.000	160	23Gam Per	2.9300	4700.0	68	30192	No
99	GOM_NL__2PRFIN20071209_080237_000000362064_00078_30192_7428.N1	09-DEC-2007 08:02:37	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	30192	No
100	GOM_NL__2PRFIN20071209_080720_000000332064_00078_30192_7429.N1	09-DEC-2007 08:07:20	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	30192	No
101	GOM_NL__2PRFIN20071209_081217_000000422064_00078_30192_7430.N1	09-DEC-2007 08:12:17	Bright	42.000	32	77Eps UMa	1.7630	11000.	84	30192	No

102	GOM_NL__2PRFIN20071209_081436_000000362064_00078_30192_7431.N1	09-DEC-2007 08:14:36	Bright	36.000	39	85Eta UMa	1.8540	24000.	72	30192	No
103	GOM_NL__2PRFIN20071209_081743_000000422064_00078_30192_7432.N1	09-DEC-2007 08:17:43	Bright	42.000	180	27Gam Boo	3.0400	8000.0	84	30192	No
104	GOM_NL__2PRFIN20071209_082048_000000352064_00078_30192_7433.N1	09-DEC-2007 08:20:48	Bright	34.500	83		2.3780	11000.	69	30192	No
105	GOM_NL__2PRFIN20071209_082356_000000372064_00078_30192_7434.N1	09-DEC-2007 08:23:56	Bright	36.500	111	8Eta Boo	2.6800	6000.0	73	30192	No
106	GOM_NL__2PRFIN20071209_083316_000000482064_00078_30192_7435.N1	09-DEC-2007 08:33:16	Bright	47.500	15	67Alp Vir	0.97600	28000.	95	30192	No
107	GOM_NL__2PRFIN20071209_083644_000000422064_00078_30192_7436.N1	09-DEC-2007 08:36:44	Twi_and_stray	42.000	169	46Gam Hya	2.9910	4700.0	84	30192	No
108	GOM_NL__2PRFIN20071209_083843_000000492064_00078_30192_7437.N1	09-DEC-2007 08:38:43	Dark	48.500	106	9Bet Crv	2.6480	5600.0	97	30192	No
109	GOM_NL__2PRFIN20071209_084413_000000402064_00078_30192_7438.N1	09-DEC-2007 08:44:13	Dark	39.500	64	Gam Cen	2.2000	10600.	79	30192	No
110	GOM_NL__2PRFIN20071209_084543_000000412064_00078_30192_7439.N1	09-DEC-2007 08:45:43	Dark	40.500	99	Del Cen	2.5750	26000.	81	30192	No
111	GOM_NL__2PRFIN20071209_084911_000000422064_00079_30193_7429.N1	09-DEC-2007 08:49:11	Dark	42.000	113	Mu Vel	2.6920	5000.0	84	30193	No
112	GOM_NL__2PRFIN20071209_085215_000000392064_00079_30193_7430.N1	09-DEC-2007 08:52:15	Dark	38.500	159	Ups Car	2.9200	7200.0	77	30193	No
113	GOM_NL__2PRFIN20071209_085751_000000472064_00079_30193_7431.N1	09-DEC-2007 08:57:51	Dark	47.000	34	Gam2Vel	1.7930	23000.	94	30193	No
114	GOM_NL__2PRFIN20071209_090033_000000562064_00079_30193_7432.N1	09-DEC-2007 09:00:33	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	30193	No
115	GOM_NL__2PRFIN20071209_090646_000000412064_00079_30193_7433.N1	09-DEC-2007 09:06:46	Dark	41.000	108	Alp Col	2.6520	15200.	82	30193	No
116	GOM_NL__2PRFIN20071209_091203_000000342064_00079_30193_7434.N1	09-DEC-2007 09:12:03	Straylight	34.000	101	11Alp Lep	2.5820	7000.0	68	30193	No
117	GOM_NL__2PRFIN20071209_091519_000000532064_00079_30193_7435.N1	09-DEC-2007 09:15:19	Straylight	52.500	7	19Bet Ori	0.10000	14000.	105	30193	No
118	GOM_NL__2PRFIN20071209_092254_000000562064_00079_30193_7436.N1	09-DEC-2007 09:22:54	Bright	55.500	13	87Alp Tau	0.86700	3800.0	111	30193	No
119	GOM_NL__2PRFIN20071209_092450_000000382064_00079_30193_7437.N1	09-DEC-2007 09:24:50	Bright	37.500	146	25Eta Tau	2.8730	15200.	75	30193	No
120	GOM_NL__2PRFIN20071209_092705_000000372064_00079_30193_7438.N1	09-DEC-2007 09:27:05	Bright	36.500	150	44Zet Per	2.8900	28000.	73	30193	No
121	GOM_NL__2PRFIN20071209_092926_000000362064_00079_30193_7439.N1	09-DEC-2007 09:29:26	Bright	36.000	149	45Eps Per	2.8880	30000.	72	30193	No
122	GOM_NL__2PRFIN20071209_093134_000000362064_00079_30193_7440.N1	09-DEC-2007 09:31:34	Bright	35.500	175	39Del Per	3.0100	19400.	71	30193	No
123	GOM_NL__2PRFIN20071209_093308_000000362064_00079_30193_7441.N1	09-DEC-2007 09:33:08	Bright	36.000	160	23Gam Per	2.9300	4700.0	72	30193	No
124	GOM_NL__2PRFIN20071209_094313_000000372064_00079_30193_7442.N1	09-DEC-2007 09:43:13	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	30193	No
125	GOM_NL__2PRFIN20071209_094756_000000382064_00079_30193_7443.N1	09-DEC-2007 09:47:56	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	30193	No
126	GOM_NL__2PRFIN20071209_095252_000000422064_00079_30193_7444.N1	09-DEC-2007 09:52:52	Bright	41.500	32	77Eps UMa	1.7630	11000.	83	30193	No
127	GOM_NL__2PRFIN20071209_095512_000000382064_00079_30193_7445.N1	09-DEC-2007 09:55:12	Bright	38.000	39	85Eta UMa	1.8540	24000.	76	30193	No
128	GOM_NL__2PRFIN20071209_095819_000000352064_00079_30193_7446.N1	09-DEC-2007 09:58:19	Bright	34.500	180	27Gam Boo	3.0400	8000.0	69	30193	No
129	GOM_NL__2PRFIN20071209_100124_000000342064_00079_30193_7447.N1	09-DEC-2007 10:01:24	Bright	34.000	83		2.3780	11000.	68	30193	No
130	GOM_NL__2PRFIN20071209_100433_000000372064_00079_30193_7448.N1	09-DEC-2007 10:04:33	Bright	37.000	111	8Eta Boo	2.6800	6000.0	74	30193	No
131	GOM_NL__2PRFIN20071209_101353_000000482064_00079_30193_7449.N1	09-DEC-2007 10:13:53	Bright	47.500	15	67Alp Vir	0.97600	28000.	95	30193	No
132	GOM_NL__2PRFIN20071209_101720_000000442064_00079_30193_7450.N1	09-DEC-2007 10:17:20	Twi_and_stray	43.500	169	46Gam Hya	2.9910	4700.0	87	30193	No
133	GOM_NL__2PRFIN20071209_101919_000000492064_00079_30193_7451.N1	09-DEC-2007 10:19:19	Dark	49.000	106	9Bet Crv	2.6480	5600.0	98	30193	No
134	GOM_NL__2PRFIN20071209_102449_000000422064_00079_30193_7452.N1	09-DEC-2007 10:24:49	Dark	41.500	64	Gam Cen	2.2000	10600.	83	30193	No
135	GOM_NL__2PRFIN20071209_102619_000000402064_00079_30193_7453.N1	09-DEC-2007 10:26:19	Dark	39.500	99	Del Cen	2.5750	26000.	79	30193	No
136	GOM_NL__2PRFIN20071209_102948_000000452064_00080_30194_7442.N1	09-DEC-2007 10:29:48	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	30194	No
137	GOM_NL__2PRFIN20071209_103251_000000392064_00080_30194_7443.N1	09-DEC-2007 10:32:51	Dark	38.500	159	Ups Car	2.9200	7200.0	77	30194	No
138	GOM_NL__2PRFIN20071209_103828_000000472064_00080_30194_7444.N1	09-DEC-2007 10:38:28	Dark	47.000	34	Gam2Vel	1.7930	23000.	94	30194	No
139	GOM_NL__2PRFIN20071209_104109_000000462064_00080_30194_7445.N1	09-DEC-2007 10:41:09	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	30194	No
140	GOM_NL__2PRFIN20071209_104722_000000432064_00080_30194_7446.N1	09-DEC-2007 10:47:22	Dark	43.000	108	Alp Col	2.6520	15200.	86	30194	No
141	GOM_NL__2PRFIN20071209_105239_000000412064_00080_30194_7447.N1	09-DEC-2007 10:52:39	Straylight	41.000	101	11Alp Lep	2.5820	7000.0	82	30194	No
142	GOM_NL__2PRFIN20071209_105555_000000512064_00080_30194_7448.N1	09-DEC-2007 10:55:55	Straylight	50.500	7	19Bet Ori	0.10000	14000.	101	30194	No
143	GOM_NL__2PRFIN20071209_110330_000000542064_00080_30194_7449.N1	09-DEC-2007 11:03:30	Bright	54.000	13	87Alp Tau	0.86700	3800.0	108	30194	No
144	GOM_NL__2PRFIN20071209_110526_000000372064_00080_30194_7450.N1	09-DEC-2007 11:05:26	Bright	37.000	146	25Eta Tau	2.8730	15200.	74	30194	No
145	GOM_NL__2PRFIN20071209_110741_000000362064_00080_30194_7451.N1	09-DEC-2007 11:07:41	Bright	36.000	150	44Zet Per	2.8900	28000.	72	30194	No
146	GOM_NL__2PRFIN20071209_111002_000000352064_00080_30194_7452.N1	09-DEC-2007 11:10:02	Bright	35.000	149	45Eps Per	2.8880	30000.	70	30194	No
147	GOM_NL__2PRFIN20071209_111210_000000352064_00080_30194_7453.N1	09-DEC-2007 11:12:10	Bright	35.000	175	39Del Per	3.0100	19400.	70	30194	No
148	GOM_NL__2PRFIN20071209_111344_000000342064_00080_30194_7454.N1	09-DEC-2007 11:13:44	Bright	34.000	160	23Gam Per	2.9300	4700.0	68	30194	No
149	GOM_NL__2PRFIN20071209_112349_000000362064_00080_30194_7455.N1	09-DEC-2007 11:23:49	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	30194	No
150	GOM_NL__2PRFIN20071209_112832_000000382064_00080_30194_7456.N1	09-DEC-2007 11:28:32	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	30194	No
151	GOM_NL__2PRFIN20071209_113328_000000392064_00080_30194_7457.N1	09-DEC-2007 11:33:28	Bright	38.500	32	77Eps UMa	1.7630	11000.	77	30194	No
152	GOM_NL__2PRFIN20071209_113548_000000382064_00080_30194_7458.N1	09-DEC-2007 11:35:48	Bright	38.000	39	85Eta UMa	1.8540	24000.	76	30194	No
153	GOM_NL__2PRFIN20071209_113855_000000342064_00080_30194_7459.N1	09-DEC-2007 11:38:55	Bright	34.000	180	27Gam Boo	3.0400	8000.0	68	30194	No
154	GOM_NL__2PRFIN20071209_114200_000000352064_00080_30194_7460.N1	09-DEC-2007 11:42:00	Bright	34.500	83		2.3780	11000.	69	30194	No
155	GOM_NL__2PRFIN20071209_114509_000000372064_00080_30194_7461.N1	09-DEC-2007 11:45:09	Bright	37.000	111	8Eta Boo	2.6800	6000.0	74	30194	No
156	GOM_NL__2PRFIN20071209_115429_000000452064_00080_30194_7462.N1	09-DEC-2007 11:54:29	Bright	44.500	15	67Alp Vir	0.97600	28000.	89	30194	No
157	GOM_NL__2PRFIN20071209_115757_000000412064_00080_30194_7463.N1	09-DEC-2007 11:57:57	Twilight	40.500	169	46Gam Hya	2.9910	4700.0	81	30194	No
158	GOM_NL__2PRFIN20071209_115956_000000492064_00080_30194_7464.N1	09-DEC-2007 11:59:56	Dark	48.500	106	9Bet Crv	2.6480	5600.0	97	30194	No
159	GOM_NL__2PRFIN20071209_120525_000000442064_00080_30194_7465.N1	09-DEC-2007 12:05:25	Dark	44.000	64	Gam Cen	2.2000	10600.	88	30194	No
160	GOM_NL__2PRFIN20071209_120656_000000412064_00080_30194_7466.N1	09-DEC-2007 12:06:56	Dark	40.500	99	Del Cen	2.5750	26000.	81	30194	No

161	GOM_NL__2PRFIN20071209_121025_000000442064_00081_30195_7455.N1	09-DEC-2007 12:10:25	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	30195	No
162	GOM_NL__2PRFIN20071209_121328_000000382064_00081_30195_7456.N1	09-DEC-2007 12:13:28	Dark	38.000	159	Ups Car	2.9200	7200.0	76	30195	No
163	GOM_NL__2PRFIN20071209_121904_000000482064_00081_30195_7457.N1	09-DEC-2007 12:19:04	Dark	47.500	34	Gam2Vel	1.7930	23000.	95	30195	No
164	GOM_NL__2PRFIN20071209_122146_000000502064_00081_30195_7458.N1	09-DEC-2007 12:21:46	Dark	50.000	2	Alp Car	-0.73600	7000.0	100	30195	No
165	GOM_NL__2PRFIN20071209_122758_000000432064_00081_30195_7459.N1	09-DEC-2007 12:27:58	Dark	43.000	108	Alp Col	2.6520	15200.	86	30195	No
166	GOM_NL__2PRFIN20071209_123315_000000412064_00081_30195_7460.N1	09-DEC-2007 12:33:15	Straylight	41.000	101	11Alp Lep	2.5820	7000.0	82	30195	No
167	GOM_NL__2PRFIN20071209_123631_000000532064_00081_30195_7461.N1	09-DEC-2007 12:36:31	Straylight	52.500	7	19Bet Ori	0.10000	14000.	105	30195	No
168	GOM_NL__2PRFIN20071209_124405_000000572064_00081_30195_7462.N1	09-DEC-2007 12:44:05	Bright	57.000	13	87Alp Tau	0.86700	3800.0	114	30195	No
169	GOM_NL__2PRFIN20071209_124601_000000372064_00081_30195_7463.N1	09-DEC-2007 12:46:01	Bright	37.000	146	25Eta Tau	2.8730	15200.	74	30195	No
170	GOM_NL__2PRFIN20071209_124817_000000362064_00081_30195_7464.N1	09-DEC-2007 12:48:17	Bright	35.500	150	44Zet Per	2.8900	28000.	71	30195	No
171	GOM_NL__2PRFIN20071209_125038_000000362064_00081_30195_7465.N1	09-DEC-2007 12:50:38	Bright	35.500	149	45Eps Per	2.8880	30000.	71	30195	No
172	GOM_NL__2PRFIN20071209_125246_000000362064_00081_30195_7466.N1	09-DEC-2007 12:52:46	Bright	35.500	175	39Del Per	3.0100	19400.	71	30195	No
173	GOM_NL__2PRFIN20071209_125420_000000362064_00081_30195_7467.N1	09-DEC-2007 12:54:20	Bright	36.000	160	23Gam Per	2.9300	4700.0	72	30195	No
174	GOM_NL__2PRFIN20071209_130425_000000342064_00081_30195_7468.N1	09-DEC-2007 13:04:25	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	30195	No
175	GOM_NL__2PRFIN20071209_130908_000000342064_00081_30195_7469.N1	09-DEC-2007 13:09:08	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	30195	No
176	GOM_NL__2PRFIN20071209_131404_000000412064_00081_30195_7470.N1	09-DEC-2007 13:14:04	Bright	40.500	32	77Eps UMa	1.7630	11000.	81	30195	No
177	GOM_NL__2PRFIN20071209_131624_000000382064_00081_30195_7471.N1	09-DEC-2007 13:16:24	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	30195	No
178	GOM_NL__2PRFIN20071209_131931_000000352064_00081_30195_7472.N1	09-DEC-2007 13:19:31	Bright	35.000	180	27Gam Boo	3.0400	8000.0	70	30195	No
179	GOM_NL__2PRFIN20071209_132236_000000352064_00081_30195_7473.N1	09-DEC-2007 13:22:36	Bright	34.500	83		2.3780	11000.	69	30195	No
180	GOM_NL__2PRFIN20071209_132545_000000372064_00081_30195_7474.N1	09-DEC-2007 13:25:45	Bright	37.000	111	8Eta Boo	2.6800	6000.0	74	30195	No
181	GOM_NL__2PRFIN20071209_133506_000000452064_00081_30195_7475.N1	09-DEC-2007 13:35:06	Bright	45.000	15	67Alp Vir	0.97600	28000.	90	30195	No
182	GOM_NL__2PRFIN20071209_133833_000000422064_00081_30195_7476.N1	09-DEC-2007 13:38:33	Twilight	41.500	169	46Gam Hya	2.9910	4700.0	83	30195	No
183	GOM_NL__2PRFIN20071209_134033_000000482064_00081_30195_7477.N1	09-DEC-2007 13:40:33	Dark	48.000	106	9Bet Crv	2.6480	5600.0	96	30195	No
184	GOM_NL__2PRFIN20071209_134602_000000402064_00081_30195_7478.N1	09-DEC-2007 13:46:02	Dark	39.500	64	Gam Cen	2.2000	10600.	79	30195	No
185	GOM_NL__2PRFIN20071209_134732_000000392064_00081_30195_7479.N1	09-DEC-2007 13:47:32	Dark	39.000	99	Del Cen	2.5750	26000.	78	30195	No
186	GOM_NL__2PRFIN20071209_135101_000000452064_00082_30196_7473.N1	09-DEC-2007 13:51:01	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	30196	No
187	GOM_NL__2PRFIN20071209_135404_000000392064_00082_30196_7474.N1	09-DEC-2007 13:54:04	Dark	38.500	159	Ups Car	2.9200	7200.0	77	30196	No
188	GOM_NL__2PRFIN20071209_135941_000000462064_00082_30196_7475.N1	09-DEC-2007 13:59:41	Dark	46.000	34	Gam2Vel	1.7930	23000.	92	30196	No
189	GOM_NL__2PRFIN20071209_140222_000000532064_00082_30196_7476.N1	09-DEC-2007 14:02:22	Dark	52.500	2	Alp Car	-0.73600	7000.0	105	30196	No
190	GOM_NL__2PRFIN20071209_140834_000000442064_00082_30196_7477.N1	09-DEC-2007 14:08:34	Dark	43.500	108	Alp Col	2.6520	15200.	87	30196	No
191	GOM_NL__2PRFIN20071209_141351_000000482064_00082_30196_7478.N1	09-DEC-2007 14:13:51	Straylight	48.000	101	11Alp Lep	2.5820	7000.0	96	30196	No
192	GOM_NL__2PRFIN20071209_141707_000000492064_00082_30196_7479.N1	09-DEC-2007 14:17:07	Straylight	48.500	7	19Bet Ori	0.10000	14000.	97	30196	No
193	GOM_NL__2PRFIN20071209_142441_000000572064_00082_30196_7480.N1	09-DEC-2007 14:24:41	Bright	57.000	13	87Alp Tau	0.86700	3800.0	114	30196	No
194	GOM_NL__2PRFIN20071209_142638_000000382064_00082_30196_7481.N1	09-DEC-2007 14:26:38	Bright	38.000	146	25Eta Tau	2.8730	15200.	76	30196	No
195	GOM_NL__2PRFIN20071209_142852_000000372064_00082_30196_7482.N1	09-DEC-2007 14:28:52	Bright	37.000	150	44Zet Per	2.8900	28000.	74	30196	No
196	GOM_NL__2PRFIN20071209_143114_000000362064_00082_30196_7483.N1	09-DEC-2007 14:31:14	Bright	36.000	149	45Eps Per	2.8880	30000.	72	30196	No
197	GOM_NL__2PRFIN20071209_143321_000000352064_00082_30196_7484.N1	09-DEC-2007 14:33:21	Bright	34.500	175	39Del Per	3.0100	19400.	69	30196	No
198	GOM_NL__2PRFIN20071209_143456_000000352064_00082_30196_7485.N1	09-DEC-2007 14:34:56	Bright	35.000	160	23Gam Per	2.9300	4700.0	70	30196	No
199	GOM_NL__2PRFIN20071209_144501_000000352064_00082_30196_7486.N1	09-DEC-2007 14:45:01	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	30196	No
200	GOM_NL__2PRFIN20071209_144944_000000372064_00082_30196_7487.N1	09-DEC-2007 14:49:44	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	30196	No
201	GOM_NL__2PRFIN20071209_145440_000000402064_00082_30196_7488.N1	09-DEC-2007 14:54:40	Bright	39.500	32	77Eps UMa	1.7630	11000.	79	30196	No
202	GOM_NL__2PRFIN20071209_145700_000000382064_00082_30196_7489.N1	09-DEC-2007 14:57:00	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	30196	No
203	GOM_NL__2PRFIN20071209_150007_000000362064_00082_30196_7490.N1	09-DEC-2007 15:00:07	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	30196	No
204	GOM_NL__2PRFIN20071209_150313_000000342064_00082_30196_7491.N1	09-DEC-2007 15:03:13	Bright	34.000	83		2.3780	11000.	68	30196	No
205	GOM_NL__2PRFIN20071209_150621_000000382064_00082_30196_7492.N1	09-DEC-2007 15:06:21	Bright	37.500	111	8Eta Boo	2.6800	6000.0	75	30196	No
206	GOM_NL__2PRFIN20071209_151542_000000462064_00082_30196_7493.N1	09-DEC-2007 15:15:42	Bright	45.500	15	67Alp Vir	0.97600	28000.	91	30196	No
207	GOM_NL__2PRFIN20071209_151910_000000422064_00082_30196_7494.N1	09-DEC-2007 15:19:10	Twilight	41.500	169	46Gam Hya	2.9910	4700.0	83	30196	No
208	GOM_NL__2PRFIN20071209_152110_000000492064_00082_30196_7495.N1	09-DEC-2007 15:21:10	Dark	48.500	106	9Bet Crv	2.6480	5600.0	97	30196	No
209	GOM_NL__2PRFIN20071209_152638_000000392064_00082_30196_7496.N1	09-DEC-2007 15:26:38	Dark	39.000	64	Gam Cen	2.2000	10600.	78	30196	No
210	GOM_NL__2PRFIN20071209_152809_000000412064_00082_30196_7497.N1	09-DEC-2007 15:28:09	Dark	40.500	99	Del Cen	2.5750	26000.	81	30196	No
211	GOM_NL__2PRFIN20071209_153138_000000452064_00083_30197_7498.N1	09-DEC-2007 15:31:38	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	30197	No
212	GOM_NL__2PRFIN20071209_153440_000000392064_00083_30197_7499.N1	09-DEC-2007 15:34:40	Dark	38.500	159	Ups Car	2.9200	7200.0	77	30197	No
213	GOM_NL__2PRFIN20071209_154018_000000482064_00083_30197_7500.N1	09-DEC-2007 15:40:18	Dark	48.000	34	Gam2Vel	1.7930	23000.	96	30197	No
214	GOM_NL__2PRFIN20071209_154258_000000542064_00083_30197_7501.N1	09-DEC-2007 15:42:58	Dark	53.500	2	Alp Car	-0.73600	7000.0	107	30197	No
215	GOM_NL__2PRFIN20071209_154911_000000442064_00083_30197_7502.N1	09-DEC-2007 15:49:11	Dark	44.000	108	Alp Col	2.6520	15200.	88	30197	No
216	GOM_NL__2PRFIN20071209_155427_000000482064_00083_30197_7503.N1	09-DEC-2007 15:54:27	Straylight	48.000	101	11Alp Lep	2.5820	7000.0	96	30197	No
217	GOM_NL__2PRFIN20071209_155743_000000522064_00083_30197_7504.N1	09-DEC-2007 15:57:43	Straylight	51.500	7	19Bet Ori	0.10000	14000.	103	30197	No
218	GOM_NL__2PRFIN20071209_160517_000000572064_00083_30197_7505.N1	09-DEC-2007 16:05:17	Bright	57.000	13	87Alp Tau	0.86700	3800.0	114	30197	No
219	GOM_NL__2PRFIN20071209_160713_000000362064_00083_30197_7506.N1	09-DEC-2007 16:07:13	Bright	36.000	146	25Eta Tau	2.8730	15200.	72	30197	No

220	GOM_NL__2PRFIN20071209_160928_000000362064_00083_30197_7507.N1	09-DEC-2007 16:09:28	Bright	36.000	150	44Zet Per	2.8900	28000.	72	30197	No
221	GOM_NL__2PRFIN20071209_161150_000000362064_00083_30197_7508.N1	09-DEC-2007 16:11:50	Bright	35.500	149	45Eps Per	2.8880	30000.	71	30197	No
222	GOM_NL__2PRFIN20071209_161357_000000352064_00083_30197_7509.N1	09-DEC-2007 16:13:57	Bright	35.000	175	39Del Per	3.0100	19400.	70	30197	No
223	GOM_NL__2PRFIN20071209_161542_000000242064_00083_30197_7510.N1	09-DEC-2007 16:15:42	Dark	24.000	160	23Gam Per	2.9300	4700.0	48	30197	Yes
224	GOM_NL__2PRFIN20071209_162537_000000362064_00083_30197_7511.N1	09-DEC-2007 16:25:37	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	30197	No
225	GOM_NL__2PRFIN20071209_163020_000000372064_00083_30197_7512.N1	09-DEC-2007 16:30:20	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	30197	No
226	GOM_NL__2PRFIN20071209_163515_000000422064_00083_30197_7513.N1	09-DEC-2007 16:35:15	Bright	41.500	32	77Eps UMa	1.7630	11000.	83	30197	No
227	GOM_NL__2PRFIN20071209_163736_000000362064_00083_30197_7514.N1	09-DEC-2007 16:37:36	Bright	36.000	39	85Eta UMa	1.8540	24000.	72	30197	No
228	GOM_NL__2PRFIN20071209_164043_000000392064_00083_30197_7515.N1	09-DEC-2007 16:40:43	Bright	39.000	180	27Gam Boo	3.0400	8000.0	78	30197	No
229	GOM_NL__2PRFIN20071209_164349_000000352064_00083_30197_7516.N1	09-DEC-2007 16:43:49	Bright	35.000	83		2.3780	11000.	70	30197	No
230	GOM_NL__2PRFIN20071209_164657_000000382064_00083_30197_7517.N1	09-DEC-2007 16:46:57	Bright	37.500	111	8Eta Boo	2.6800	6000.0	75	30197	No
231	GOM_NL__2PRFIN20071209_165619_000000462064_00083_30197_7518.N1	09-DEC-2007 16:56:19	Bright	46.000	15	67Alp Vir	0.97600	28000.	92	30197	No
232	GOM_NL__2PRFIN20071209_165946_000000432064_00083_30197_7519.N1	09-DEC-2007 16:59:46	Twilight	42.500	169	46Gam Hya	2.9910	4700.0	85	30197	No
233	GOM_NL__2PRFIN20071209_170147_000000482064_00083_30197_7520.N1	09-DEC-2007 17:01:47	Dark	48.000	106	9Bet Crv	2.6480	5600.0	96	30197	No
234	GOM_NL__2PRFIN20071209_170715_000000442064_00083_30197_7521.N1	09-DEC-2007 17:07:15	Dark	44.000	64	Gam Cen	2.2000	10600.	88	30197	No
235	GOM_NL__2PRFIN20071209_170846_000000402064_00083_30197_7522.N1	09-DEC-2007 17:08:46	Dark	40.000	99	Del Cen	2.5750	26000.	80	30197	No
236	GOM_NL__2PRFIN20071209_171215_000000452064_00084_30198_7509.N1	09-DEC-2007 17:12:15	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	30198	No
237	GOM_NL__2PRFIN20071209_171517_000000392064_00084_30198_7510.N1	09-DEC-2007 17:15:17	Dark	38.500	159	Ups Car	2.9200	7200.0	77	30198	No
238	GOM_NL__2PRFIN20071209_172055_000000462064_00084_30198_7511.N1	09-DEC-2007 17:20:55	Dark	46.000	34	Gam2Vel	1.7930	23000.	92	30198	No
239	GOM_NL__2PRFIN20071209_172335_000000482064_00084_30198_7512.N1	09-DEC-2007 17:23:35	Dark	48.000	2	Alp Car	-0.73600	7000.0	96	30198	No
240	GOM_NL__2PRFIN20071209_172947_000000442064_00084_30198_7513.N1	09-DEC-2007 17:29:47	Dark	43.500	108	Alp Col	2.6520	15200.	87	30198	No
241	GOM_NL__2PRFIN20071209_173503_000000472064_00084_30198_7514.N1	09-DEC-2007 17:35:03	Straylight	47.000	101	11Alp Lep	2.5820	7000.0	94	30198	No
242	GOM_NL__2PRFIN20071209_173819_000000592064_00084_30198_7515.N1	09-DEC-2007 17:38:19	Straylight	58.500	7	19Bet Ori	0.10000	14000.	117	30198	No
243	GOM_NL__2PRFIN20071209_174553_000000572064_00084_30198_7516.N1	09-DEC-2007 17:45:53	Bright	57.000	13	87Alp Tau	0.86700	3800.0	114	30198	No
244	GOM_NL__2PRFIN20071209_174749_000000382064_00084_30198_7517.N1	09-DEC-2007 17:47:49	Bright	38.000	146	25Eta Tau	2.8730	15200.	76	30198	No
245	GOM_NL__2PRFIN20071209_175004_000000362064_00084_30198_7518.N1	09-DEC-2007 17:50:04	Bright	36.000	150	44Zet Per	2.8900	28000.	72	30198	No
246	GOM_NL__2PRFIN20071209_175225_000000372064_00084_30198_7519.N1	09-DEC-2007 17:52:25	Bright	37.000	149	45Eps Per	2.8880	30000.	74	30198	No
247	GOM_NL__2PRFIN20071209_175433_000000352064_00084_30198_7520.N1	09-DEC-2007 17:54:33	Bright	35.000	175	39Del Per	3.0100	19400.	70	30198	No
248	GOM_NL__2PRFIN20071209_180613_000000362064_00084_30198_7521.N1	09-DEC-2007 18:06:13	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	30198	No
249	GOM_NL__2PRFIN20071209_181056_000000372064_00084_30198_7522.N1	09-DEC-2007 18:10:56	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	30198	No
250	GOM_NL__2PRFIN20071209_181551_000000412064_00084_30198_7523.N1	09-DEC-2007 18:15:51	Bright	41.000	32	77Eps UMa	1.7630	11000.	82	30198	No
251	GOM_NL__2PRFIN20071209_181812_000000392064_00084_30198_7524.N1	09-DEC-2007 18:18:12	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	30198	No
252	GOM_NL__2PRFIN20071209_182119_000000532064_00084_30198_7525.N1	09-DEC-2007 18:21:19	Bright	53.000	180	27Gam Boo	3.0400	8000.0	106	30198	No
253	GOM_NL__2PRFIN20071209_182425_000000362064_00084_30198_7526.N1	09-DEC-2007 18:24:25	Bright	35.500	83		2.3780	11000.	71	30198	No
254	GOM_NL__2PRFIN20071209_182733_000000382064_00084_30198_7527.N1	09-DEC-2007 18:27:33	Bright	37.500	111	8Eta Boo	2.6800	6000.0	75	30198	No
255	GOM_NL__2PRFIN20071209_183655_000000482064_00084_30198_7528.N1	09-DEC-2007 18:36:55	Bright	48.000	15	67Alp Vir	0.97600	28000.	96	30198	No
256	GOM_NL__2PRFIN20071209_184023_000000412064_00084_30198_7529.N1	09-DEC-2007 18:40:23	Twilight	41.000	169	46Gam Hya	2.9910	4700.0	82	30198	No
257	GOM_NL__2PRFIN20071209_184224_000000502064_00084_30198_7530.N1	09-DEC-2007 18:42:24	Dark	49.500	106	9Bet Crv	2.6480	5600.0	99	30198	No
258	GOM_NL__2PRFIN20071209_184751_000000422064_00084_30198_7531.N1	09-DEC-2007 18:47:51	Dark	42.000	64	Gam Cen	2.2000	10600.	84	30198	No
259	GOM_NL__2PRFIN20071209_184922_000000412064_00084_30198_7532.N1	09-DEC-2007 18:49:22	Dark	41.000	99	Del Cen	2.5750	26000.	82	30198	No
260	GOM_NL__2PRFIN20071209_185252_000000442064_00085_30199_7523.N1	09-DEC-2007 18:52:52	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	30199	No
261	GOM_NL__2PRFIN20071209_185553_000000402064_00085_30199_7524.N1	09-DEC-2007 18:55:53	Dark	39.500	159	Ups Car	2.9200	7200.0	79	30199	No
262	GOM_NL__2PRFIN20071209_190132_000000462064_00085_30199_7525.N1	09-DEC-2007 19:01:32	Dark	46.000	34	Gam2Vel	1.7930	23000.	92	30199	No
263	GOM_NL__2PRFIN20071209_190411_000000522064_00085_30199_7526.N1	09-DEC-2007 19:04:11	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	30199	No
264	GOM_NL__2PRFIN20071209_191023_000000452064_00085_30199_7527.N1	09-DEC-2007 19:10:23	Straylight	44.500	108	Alp Col	2.6520	15200.	89	30199	No
265	GOM_NL__2PRFIN20071209_191539_000000462064_00085_30199_7528.N1	09-DEC-2007 19:15:39	Straylight	46.000	101	11Alp Lep	2.5820	7000.0	92	30199	No
266	GOM_NL__2PRFIN20071209_191855_000000502064_00085_30199_7529.N1	09-DEC-2007 19:18:55	Straylight	49.500	7	19Bet Ori	0.10000	14000.	99	30199	No
267	GOM_NL__2PRFIN20071209_192629_000000552064_00085_30199_7530.N1	09-DEC-2007 19:26:29	Twi_and_stray	54.500	13	87Alp Tau	0.86700	3800.0	109	30199	No
268	GOM_NL__2PRFIN20071209_192825_000000372064_00085_30199_7531.N1	09-DEC-2007 19:28:25	Bright	37.000	146	25Eta Tau	2.8730	15200.	74	30199	No
269	GOM_NL__2PRFIN20071209_193040_000000372064_00085_30199_7532.N1	09-DEC-2007 19:30:40	Bright	36.500	150	44Zet Per	2.8900	28000.	73	30199	No
270	GOM_NL__2PRFIN20071209_193301_000000352064_00085_30199_7533.N1	09-DEC-2007 19:33:01	Bright	35.000	149	45Eps Per	2.8880	30000.	70	30199	No
271	GOM_NL__2PRFIN20071209_193509_000000342064_00085_30199_7534.N1	09-DEC-2007 19:35:09	Bright	33.500	175	39Del Per	3.0100	19400.	67	30199	No
272	GOM_NL__2PRFIN20071209_194649_000000372064_00085_30199_7535.N1	09-DEC-2007 19:46:49	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	30199	No
273	GOM_NL__2PRFIN20071209_195132_000000332064_00085_30199_7536.N1	09-DEC-2007 19:51:32	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	30199	No
274	GOM_NL__2PRFIN20071209_195627_000000402064_00085_30199_7537.N1	09-DEC-2007 19:56:27	Bright	40.000	32	77Eps UMa	1.7630	11000.	80	30199	No
275	GOM_NL__2PRFIN20071209_195848_000000372064_00085_30199_7538.N1	09-DEC-2007 19:58:48	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	30199	No
276	GOM_NL__2PRFIN20071209_200155_000000352064_00085_30199_7539.N1	09-DEC-2007 20:01:55	Bright	35.000	180	27Gam Boo	3.0400	8000.0	70	30199	No
277	GOM_NL__2PRFIN20071209_200501_000000352064_00085_30199_7540.N1	09-DEC-2007 20:05:01	Bright	35.000	83		2.3780	11000.	70	30199	No
278	GOM_NL__2PRFIN20071209_200810_000000392064_00085_30199_7541.N1	09-DEC-2007 20:08:10	Bright	39.000	111	8Eta Boo	2.6800	6000.0	78	30199	No

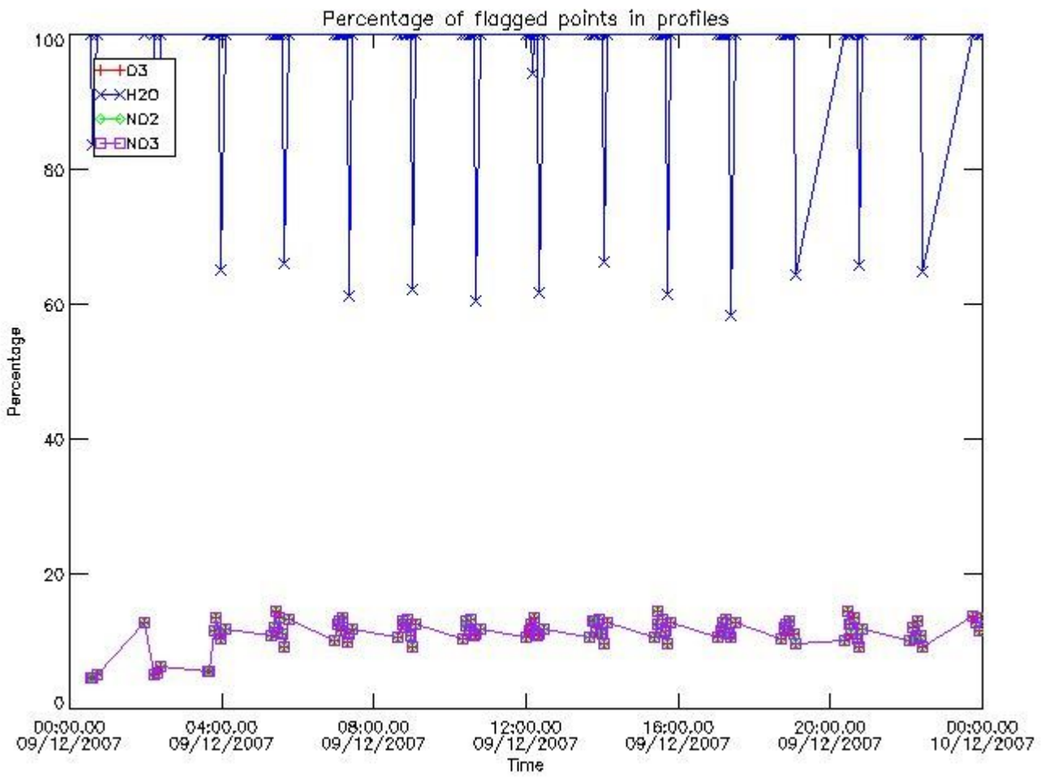
279	GOM_NL__2PRFIN20071209_201732_000000492064_00085_30199_7542.N1	09-DEC-2007 20:17:32	Bright	48.500	15	67Alp Vir	0.97600	28000.	97	30199	No
280	GOM_NL__2PRFIN20071209_202059_000000422064_00085_30199_7543.N1	09-DEC-2007 20:20:59	Twilight	42.000	169	46Gam Hya	2.9910	4700.0	84	30199	No
281	GOM_NL__2PRFIN20071209_202300_000000502064_00085_30199_7544.N1	09-DEC-2007 20:23:00	Dark	50.000	106	9Bet Crv	2.6480	5600.0	100	30199	No
282	GOM_NL__2PRFIN20071209_202828_000000392064_00085_30199_7545.N1	09-DEC-2007 20:28:28	Dark	39.000	64	Gam Cen	2.2000	10600.	78	30199	No
283	GOM_NL__2PRFIN20071209_202959_000000412064_00085_30199_7546.N1	09-DEC-2007 20:29:59	Dark	40.500	99	Del Cen	2.5750	26000.	81	30199	No
284	GOM_NL__2PRFIN20071209_203329_000000462064_00086_30200_7543.N1	09-DEC-2007 20:33:29	Dark	45.500	113	Mu Vel	2.6920	5000.0	91	30200	No
285	GOM_NL__2PRFIN20071209_203630_000000382064_00086_30200_7544.N1	09-DEC-2007 20:36:30	Dark	38.000	159	Ups Car	2.9200	7200.0	76	30200	No
286	GOM_NL__2PRFIN20071209_204208_000000502064_00086_30200_7545.N1	09-DEC-2007 20:42:08	Dark	49.500	34	Gam2Vel	1.7930	23000.	99	30200	No
287	GOM_NL__2PRFIN20071209_204448_000000562064_00086_30200_7546.N1	09-DEC-2007 20:44:48	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	30200	No
288	GOM_NL__2PRFIN20071209_205100_000000432064_00086_30200_7547.N1	09-DEC-2007 20:51:00	Dark	43.000	108	Alp Col	2.6520	15200.	86	30200	No
289	GOM_NL__2PRFIN20071209_205615_000000492064_00086_30200_7548.N1	09-DEC-2007 20:56:15	Straylight	48.500	101	11Alp Lep	2.5820	7000.0	97	30200	No
290	GOM_NL__2PRFIN20071209_205931_000000592064_00086_30200_7549.N1	09-DEC-2007 20:59:31	Straylight	59.000	7	19Bet Ori	0.10000	14000.	118	30200	No
291	GOM_NL__2PRFIN20071209_210704_000000572064_00086_30200_7550.N1	09-DEC-2007 21:07:04	Bright	57.000	13	87Alp Tau	0.86700	3800.0	114	30200	No
292	GOM_NL__2PRFIN20071209_210901_000000352064_00086_30200_7551.N1	09-DEC-2007 21:09:01	Bright	35.000	146	25Eta Tau	2.8730	15200.	70	30200	No
293	GOM_NL__2PRFIN20071209_211116_000000362064_00086_30200_7552.N1	09-DEC-2007 21:11:16	Bright	35.500	150	44Zet Per	2.8900	28000.	71	30200	No
294	GOM_NL__2PRFIN20071209_211337_000000542064_00086_30200_7553.N1	09-DEC-2007 21:13:37	Bright	54.000	149	45Eps Per	2.8880	30000.	108	30200	No
295	GOM_NL__2PRFIN20071209_211545_000000342064_00086_30200_7554.N1	09-DEC-2007 21:15:45	Bright	34.000	175	39Del Per	3.0100	19400.	68	30200	No
296	GOM_NL__2PRFIN20071209_212725_000000362064_00086_30200_7555.N1	09-DEC-2007 21:27:25	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	30200	No
297	GOM_NL__2PRFIN20071209_213208_000000382064_00086_30200_7556.N1	09-DEC-2007 21:32:08	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	30200	No
298	GOM_NL__2PRFIN20071209_213703_000000412064_00086_30200_7557.N1	09-DEC-2007 21:37:03	Bright	41.000	32	77Eps UMa	1.7630	11000.	82	30200	No
299	GOM_NL__2PRFIN20071209_213923_000000362064_00086_30200_7558.N1	09-DEC-2007 21:39:23	Bright	36.000	39	85Eta UMa	1.8540	24000.	72	30200	No
300	GOM_NL__2PRFIN20071209_214231_000000532064_00086_30200_7559.N1	09-DEC-2007 21:42:31	Bright	53.000	180	27Gam Boo	3.0400	8000.0	106	30200	No
301	GOM_NL__2PRFIN20071209_214537_000000362064_00086_30200_7560.N1	09-DEC-2007 21:45:37	Bright	35.500	83		2.3780	11000.	71	30200	No
302	GOM_NL__2PRFIN20071209_214846_000000532064_00086_30200_7561.N1	09-DEC-2007 21:48:46	Bright	52.500	111	8Eta Boo	2.6800	6000.0	105	30200	No
303	GOM_NL__2PRFIN20071209_215808_000000462064_00086_30200_7562.N1	09-DEC-2007 21:58:08	Bright	46.000	15	67Alp Vir	0.97600	28000.	92	30200	No
304	GOM_NL__2PRFIN20071209_220136_000000402064_00086_30200_7563.N1	09-DEC-2007 22:01:36	Twilight	40.000	169	46Gam Hya	2.9910	4700.0	80	30200	No
305	GOM_NL__2PRFIN20071209_220337_000000502064_00086_30200_7564.N1	09-DEC-2007 22:03:37	Dark	50.000	106	9Bet Crv	2.6480	5600.0	100	30200	No
306	GOM_NL__2PRFIN20071209_220904_000000422064_00086_30200_7565.N1	09-DEC-2007 22:09:04	Dark	42.000	64	Gam Cen	2.2000	10600.	84	30200	No
307	GOM_NL__2PRFIN20071209_221406_000000502064_00087_30201_7574.N1	09-DEC-2007 22:14:06	Dark	49.500	113	Mu Vel	2.6920	5000.0	99	30201	No
308	GOM_NL__2PRFIN20071209_221706_000000392064_00087_30201_7575.N1	09-DEC-2007 22:17:06	Dark	39.000	159	Ups Car	2.9200	7200.0	78	30201	No
309	GOM_NL__2PRFIN20071209_222245_000000472064_00087_30201_7576.N1	09-DEC-2007 22:22:45	Dark	46.500	34	Gam2Vel	1.7930	23000.	93	30201	No
310	GOM_NL__2PRFIN20071209_222524_000000562064_00087_30201_7577.N1	09-DEC-2007 22:25:24	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	30201	No
311	GOM_NL__2PRFIN20071209_223136_000000452064_00087_30201_7578.N1	09-DEC-2007 22:31:36	Straylight	44.500	108	Alp Col	2.6520	15200.	89	30201	No
312	GOM_NL__2PRFIN20071209_223651_000000472064_00087_30201_7579.N1	09-DEC-2007 22:36:51	Straylight	46.500	101	11Alp Lep	2.5820	7000.0	93	30201	No
313	GOM_NL__2PRFIN20071209_224007_000000582064_00087_30201_7580.N1	09-DEC-2007 22:40:07	Straylight	57.500	7	19Bet Ori	0.10000	14000.	115	30201	No
314	GOM_NL__2PRFIN20071209_224740_000000572064_00087_30201_7581.N1	09-DEC-2007 22:47:40	Twi_and_stray	56.500	13	87Alp Tau	0.86700	3800.0	113	30201	No
315	GOM_NL__2PRFIN20071209_224937_000000472064_00087_30201_7582.N1	09-DEC-2007 22:49:37	Bright	46.500	146	25Eta Tau	2.8730	15200.	93	30201	No
316	GOM_NL__2PRFIN20071209_225152_000000362064_00087_30201_7583.N1	09-DEC-2007 22:51:52	Bright	35.500	150	44Zet Per	2.8900	28000.	71	30201	No
317	GOM_NL__2PRFIN20071209_225413_000000362064_00087_30201_7584.N1	09-DEC-2007 22:54:13	Bright	36.000	149	45Eps Per	2.8880	30000.	72	30201	No
318	GOM_NL__2PRFIN20071209_225621_000000532064_00087_30201_7585.N1	09-DEC-2007 22:56:21	Bright	53.000	175	39Del Per	3.0100	19400.	106	30201	No
319	GOM_NL__2PRFIN20071209_230800_000000372064_00087_30201_7586.N1	09-DEC-2007 23:08:00	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	30201	No
320	GOM_NL__2PRFIN20071209_231244_000000372064_00087_30201_7587.N1	09-DEC-2007 23:12:44	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	30201	No
321	GOM_NL__2PRFIN20071209_231739_000000422064_00087_30201_7588.N1	09-DEC-2007 23:17:39	Bright	41.500	32	77Eps UMa	1.7630	11000.	83	30201	No
322	GOM_NL__2PRFIN20071209_231959_000000552064_00087_30201_7589.N1	09-DEC-2007 23:19:59	Bright	55.000	39	85Eta UMa	1.8540	24000.	110	30201	No
323	GOM_NL__2PRFIN20071209_232307_000000362064_00087_30201_7590.N1	09-DEC-2007 23:23:07	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	30201	No
324	GOM_NL__2PRFIN20071209_232613_000000362064_00087_30201_7591.N1	09-DEC-2007 23:26:13	Bright	35.500	83		2.3780	11000.	71	30201	No
325	GOM_NL__2PRFIN20071209_232922_000000382064_00087_30201_7592.N1	09-DEC-2007 23:29:22	Bright	37.500	111	8Eta Boo	2.6800	6000.0	75	30201	No
326	GOM_NL__2PRFIN20071209_233845_000000472064_00087_30201_7593.N1	09-DEC-2007 23:38:45	Bright	47.000	15	67Alp Vir	0.97600	28000.	94	30201	No
327	GOM_NL__2PRFIN20071209_234212_000000462064_00087_30201_7594.N1	09-DEC-2007 23:42:12	Twilight	45.500	169	46Gam Hya	2.9910	4700.0	91	30201	No
328	GOM_NL__2PRFIN20071209_234414_000000452064_00087_30201_7595.N1	09-DEC-2007 23:44:14	Dark	44.500	106	9Bet Crv	2.6480	5600.0	89	30201	No
329	GOM_NL__2PRFIN20071209_234941_000000402064_00087_30201_7596.N1	09-DEC-2007 23:49:41	Dark	40.000	64	Gam Cen	2.2000	10600.	80	30201	No
330	GOM_NL__2PRFIN20071209_235442_000000442064_00088_30202_7579.N1	09-DEC-2007 23:54:42	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	30202	No
331	GOM_NL__2PRFIN20071209_235743_000000382064_00088_30202_7580.N1	09-DEC-2007 23:57:43	Dark	38.000	159	Ups Car	2.9200	7200.0	76	30202	No

3. Quality information per product

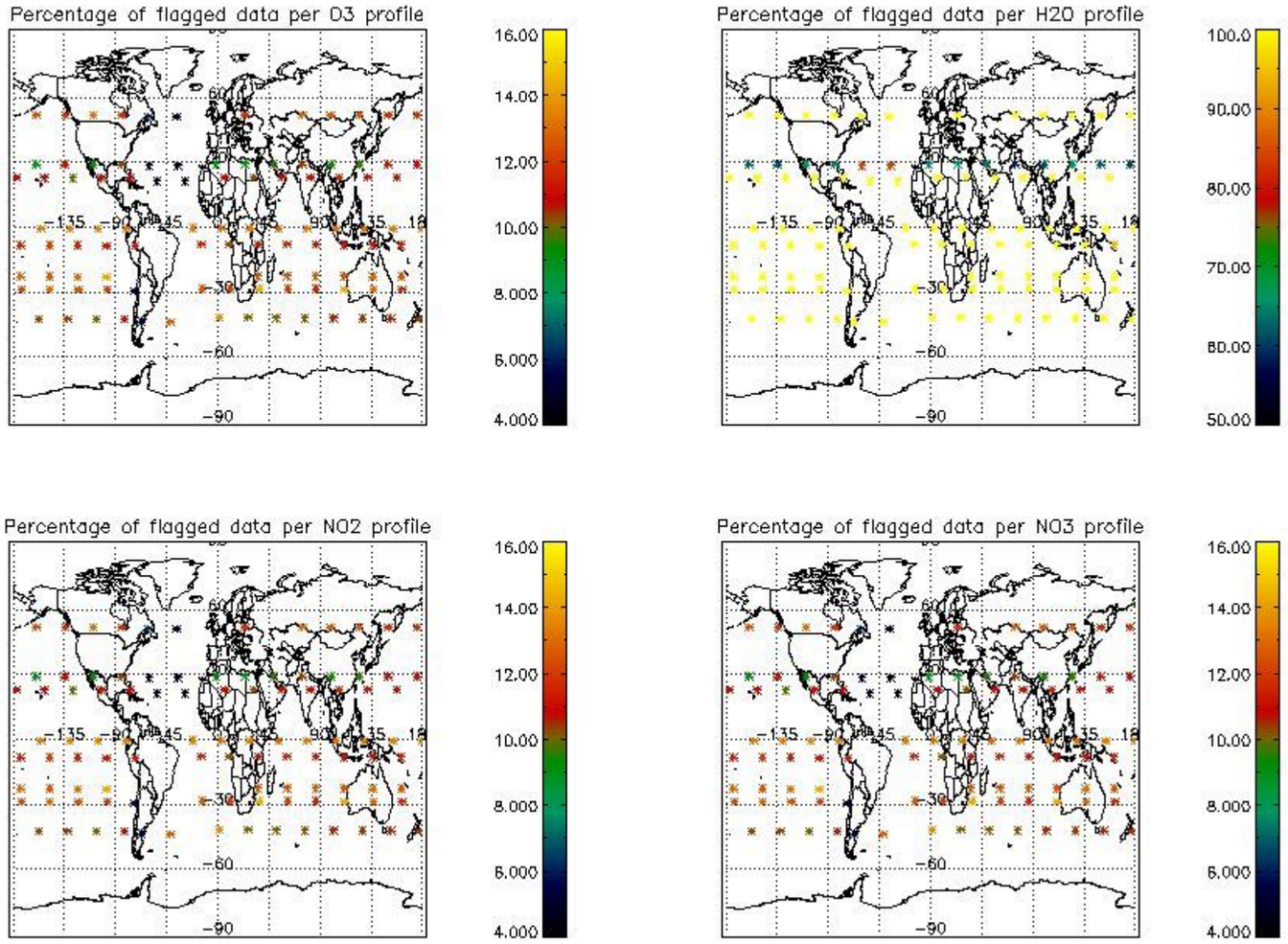
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in

the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)



3.2 Plot quality information per product (world map)

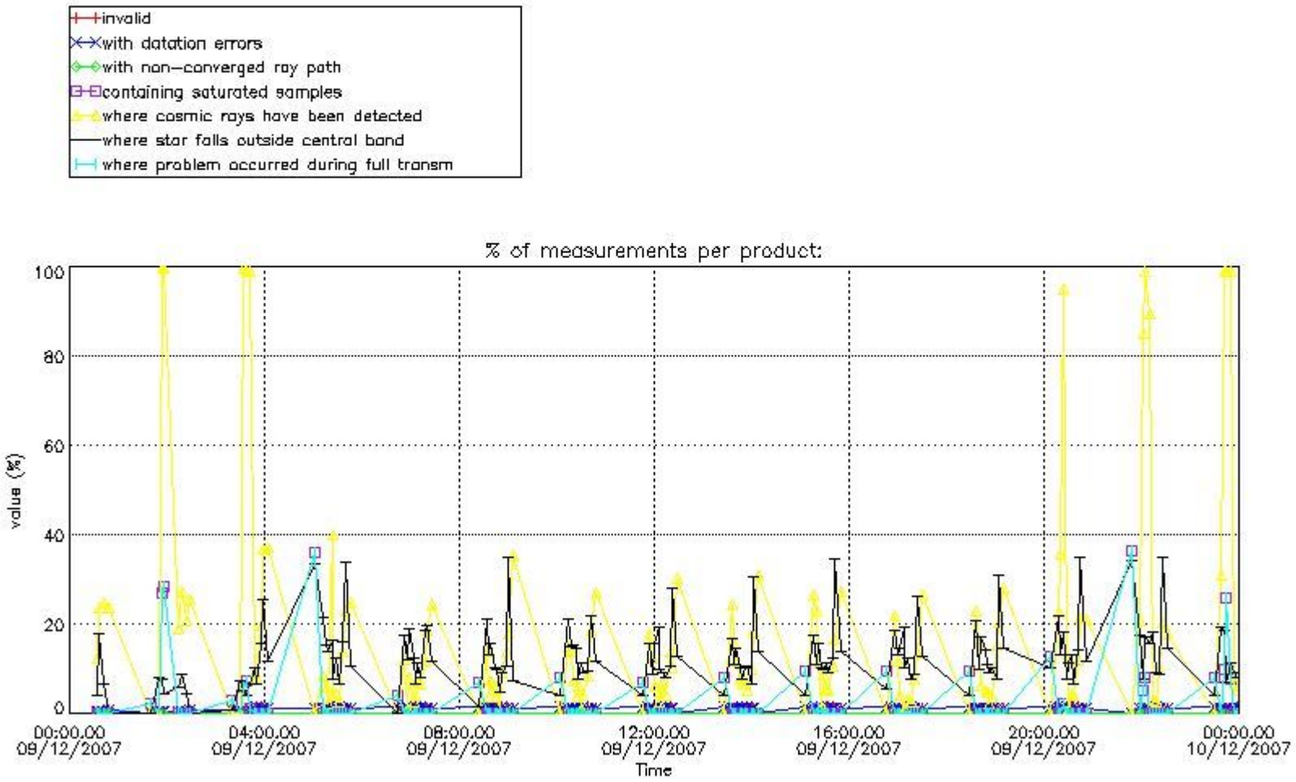


4. Level 1 quality information per product

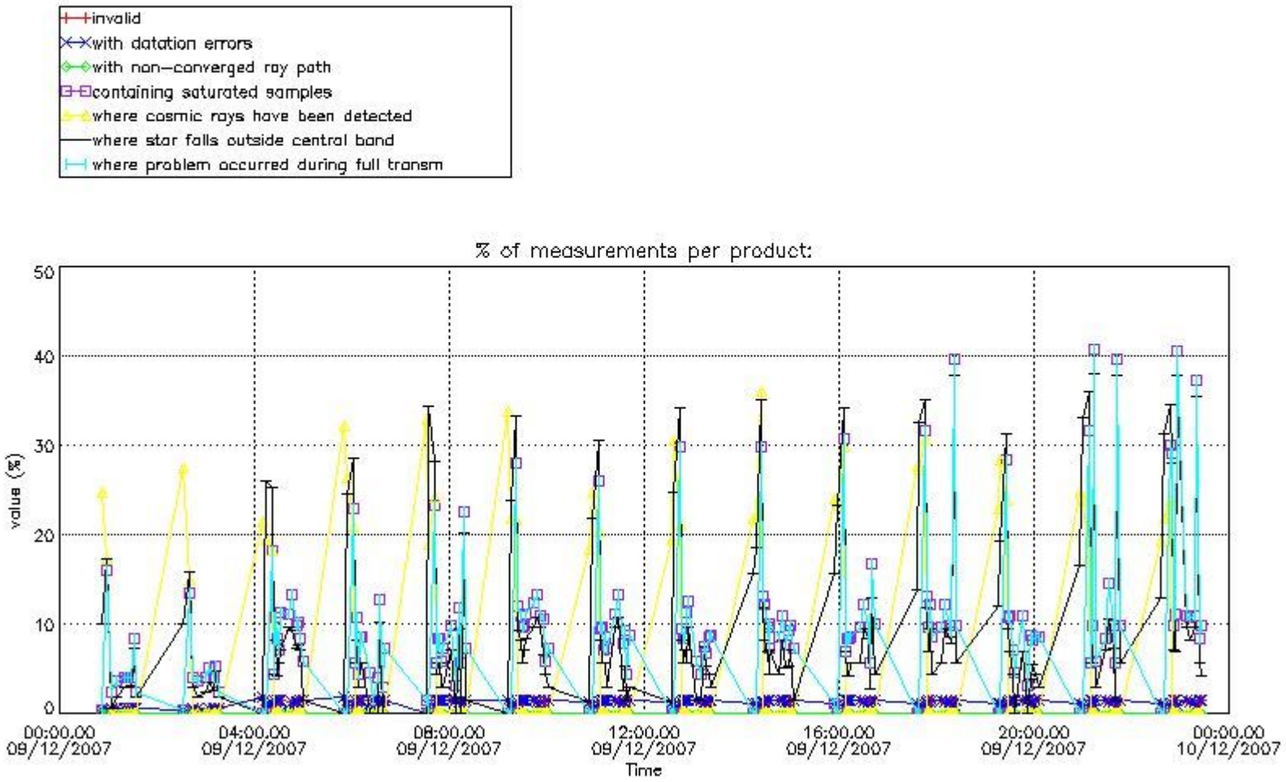
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processsing. Products without errors (error flag in the MPH set to "0") are used.

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

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

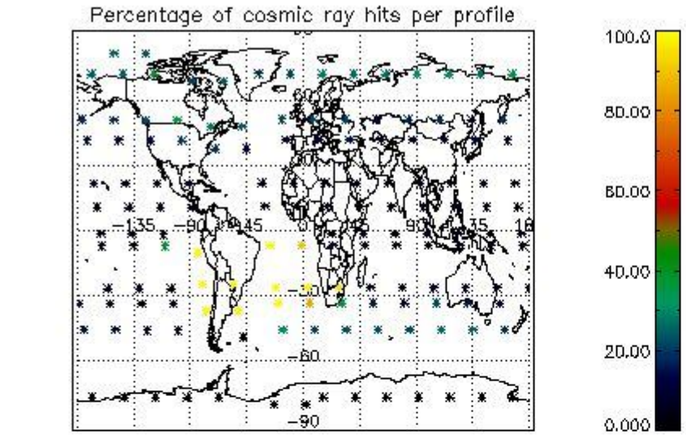


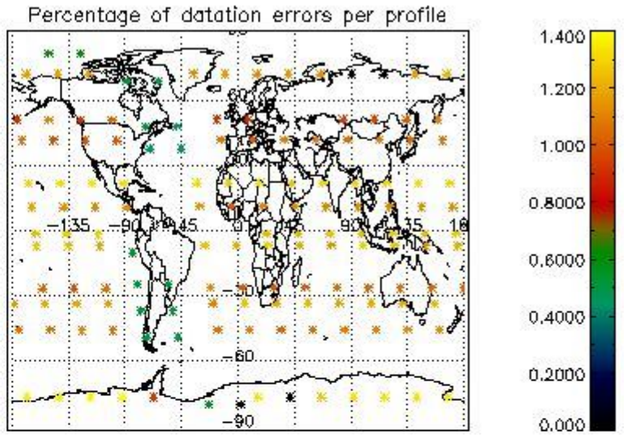
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes

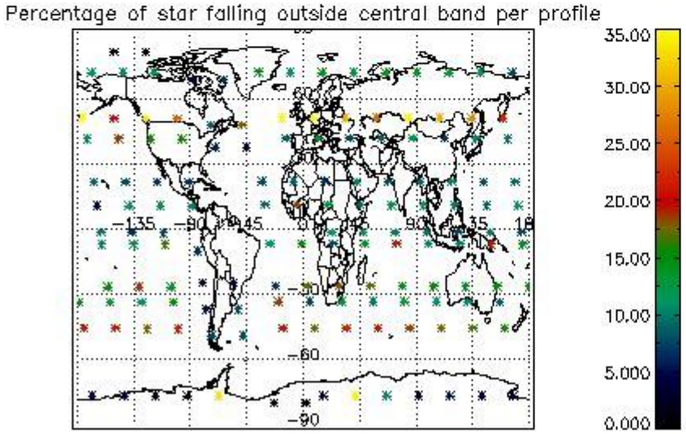


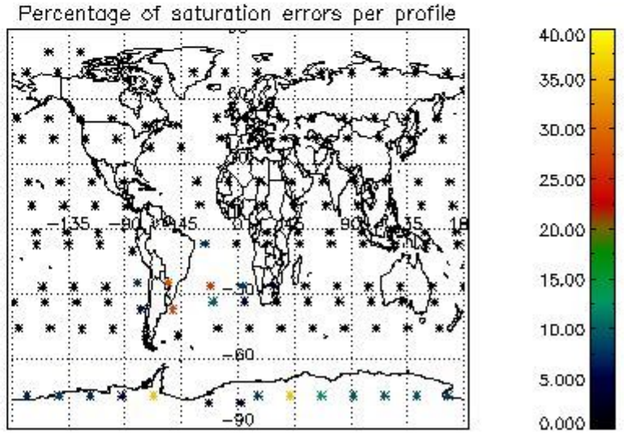
4.2 Plot quality information per product comming from level 1b processing (world map)

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

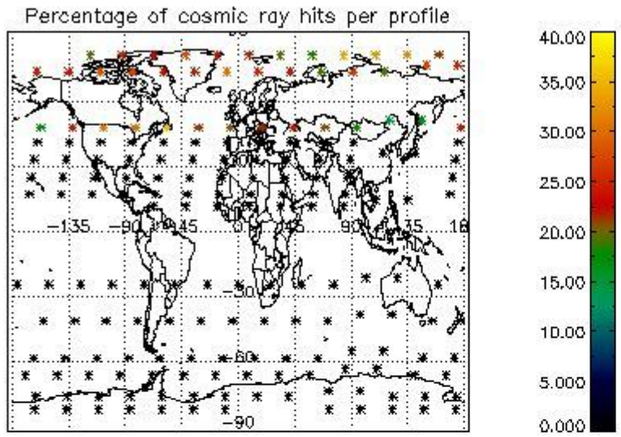


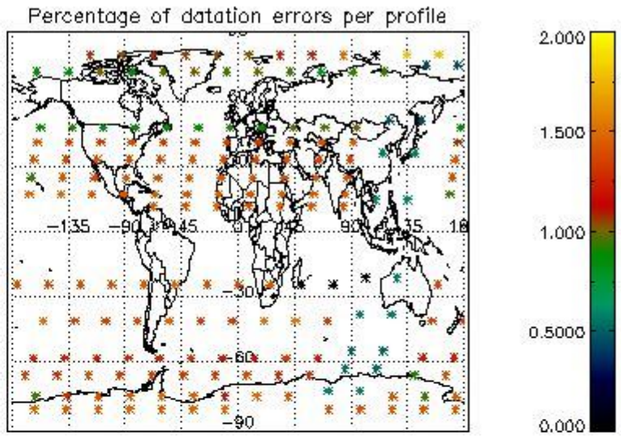


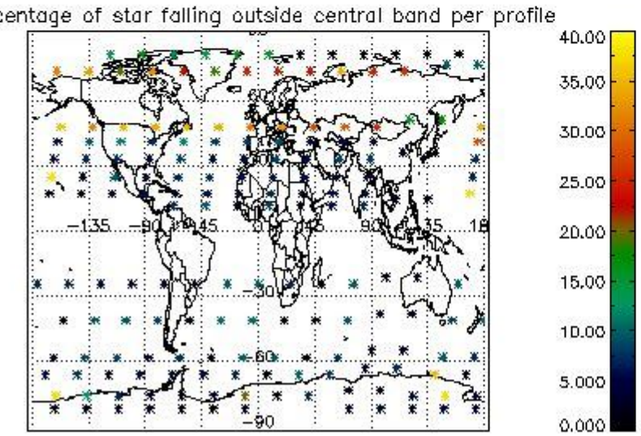


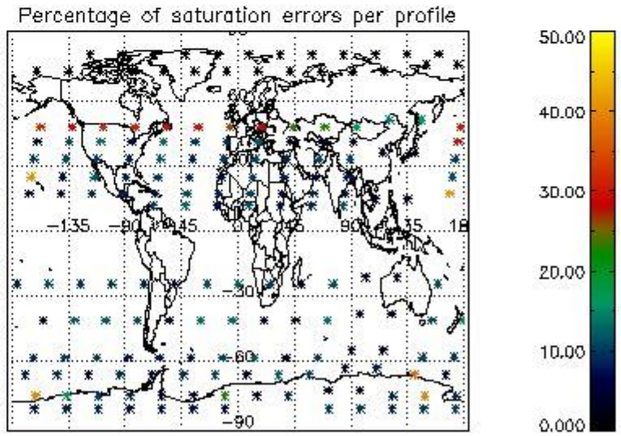


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes









5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

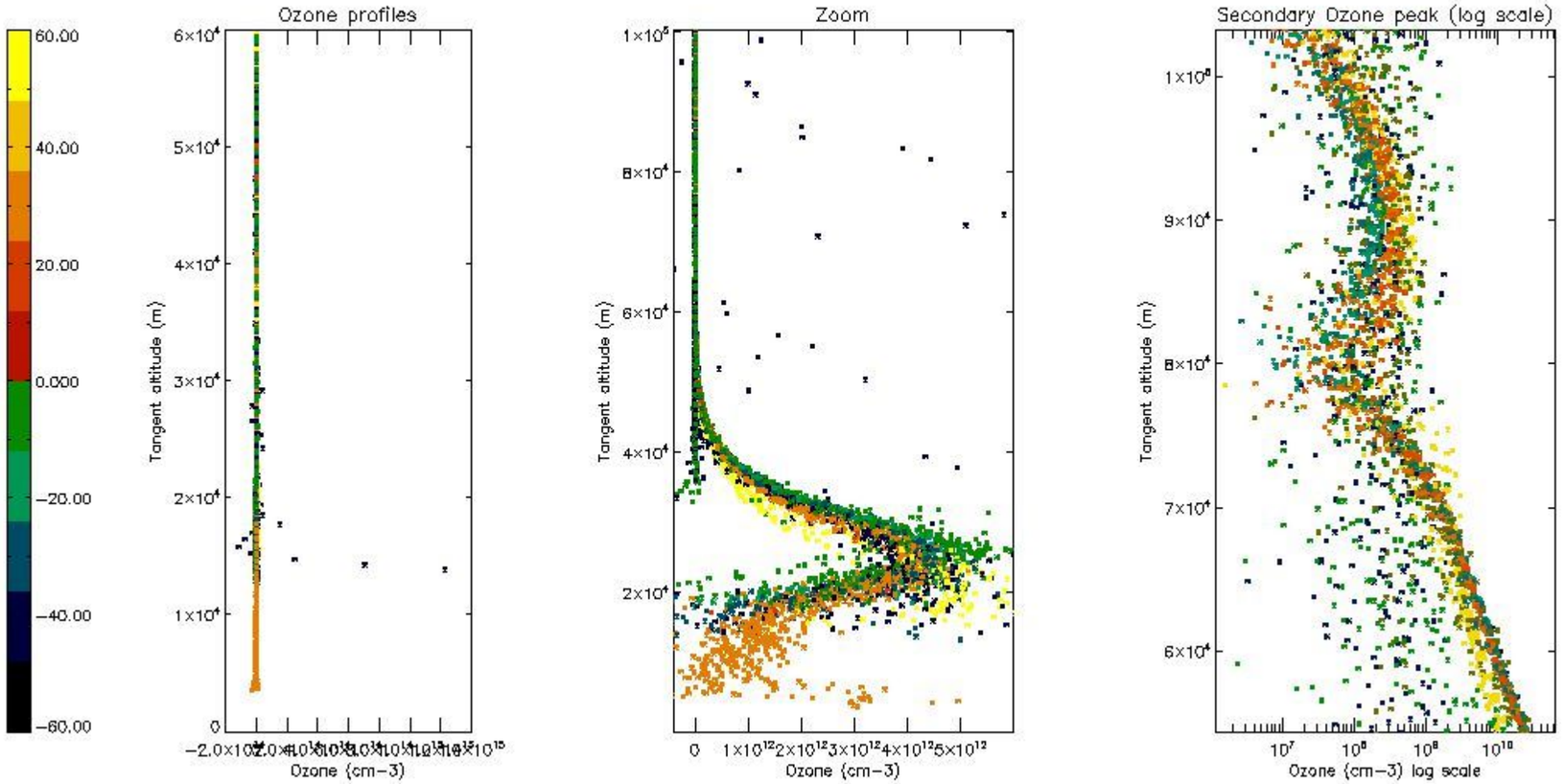
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	33
STD < 20	15

STD < 10	12
STD < 5	7

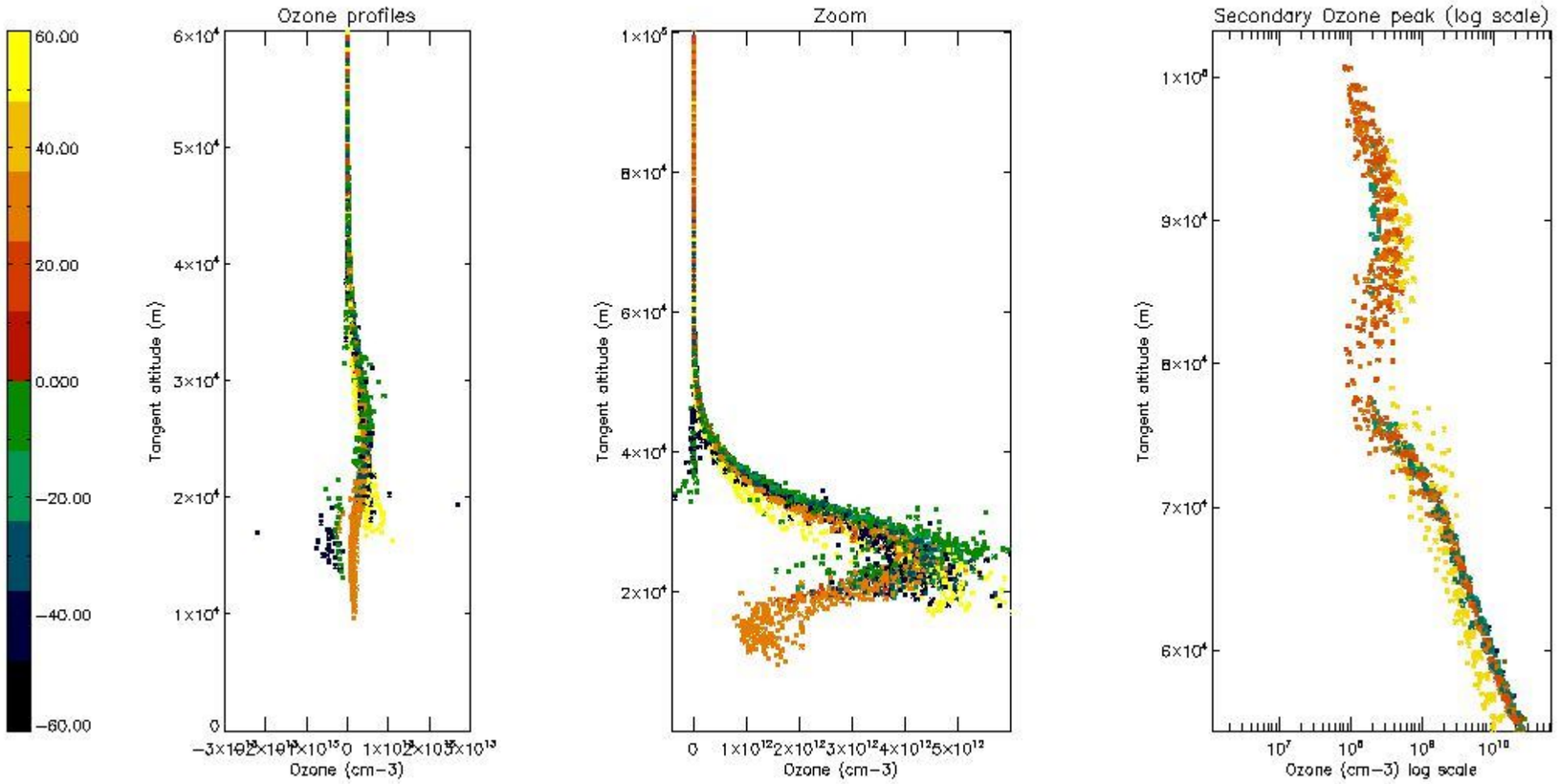
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



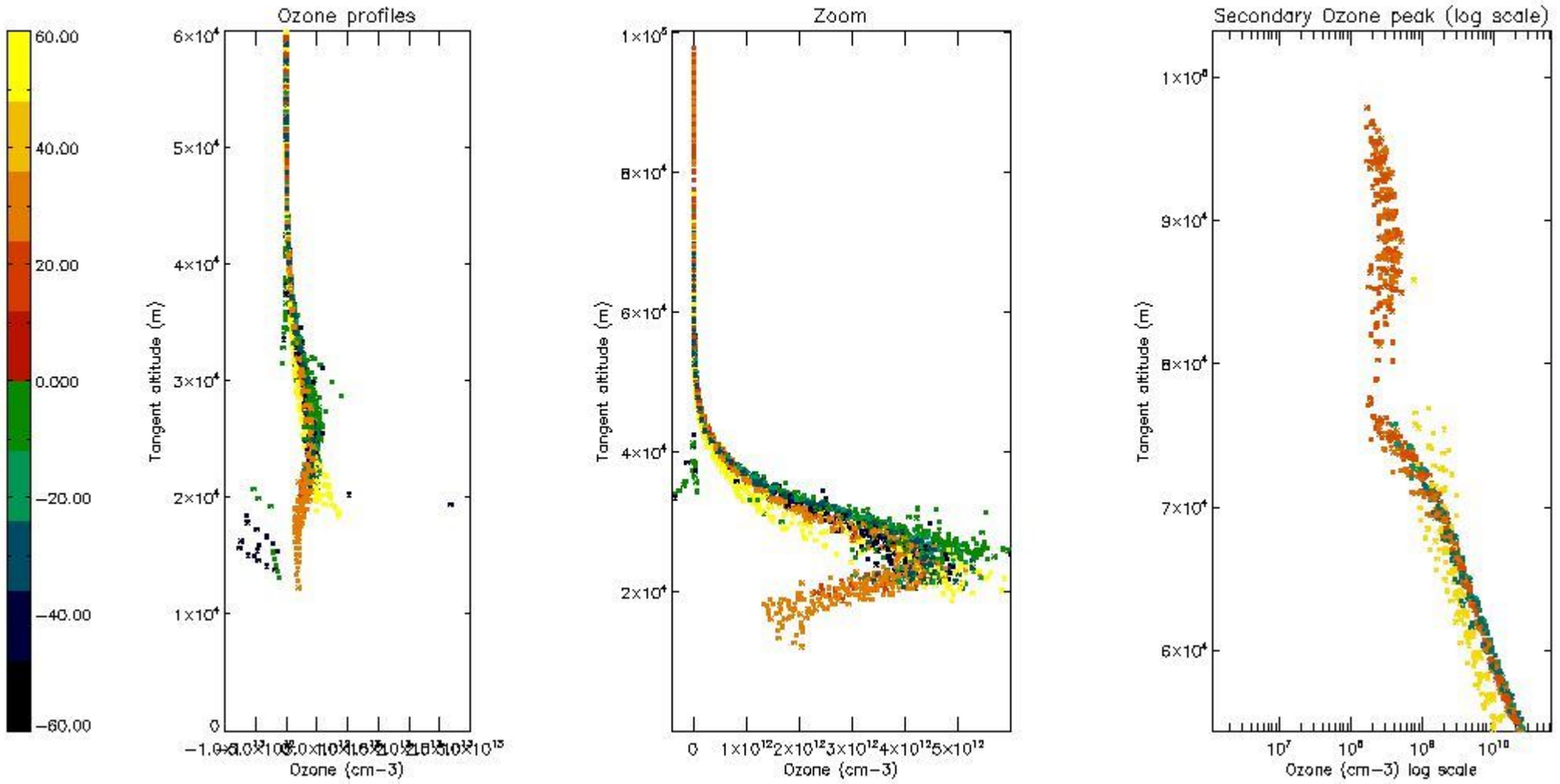
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



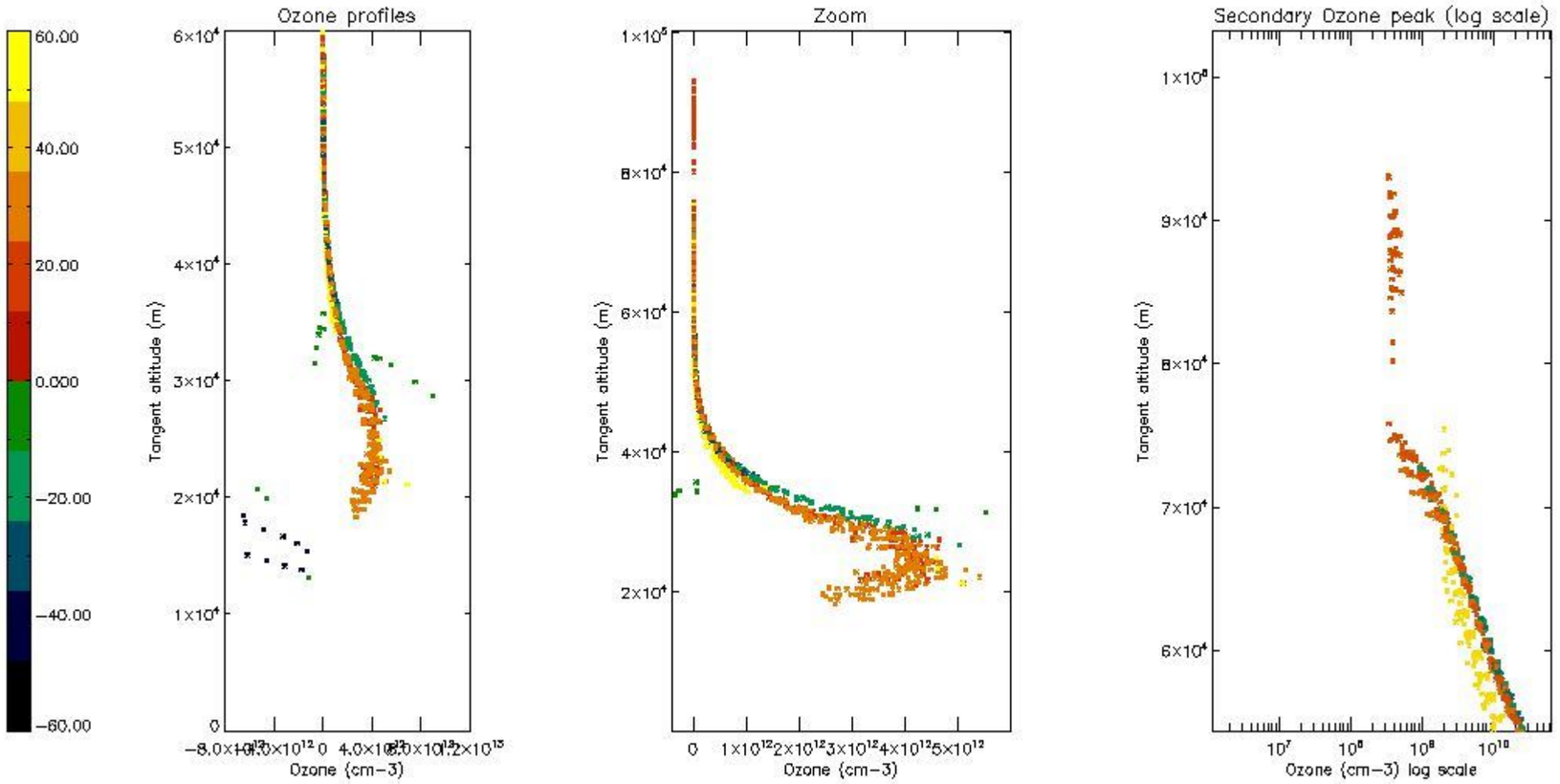
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



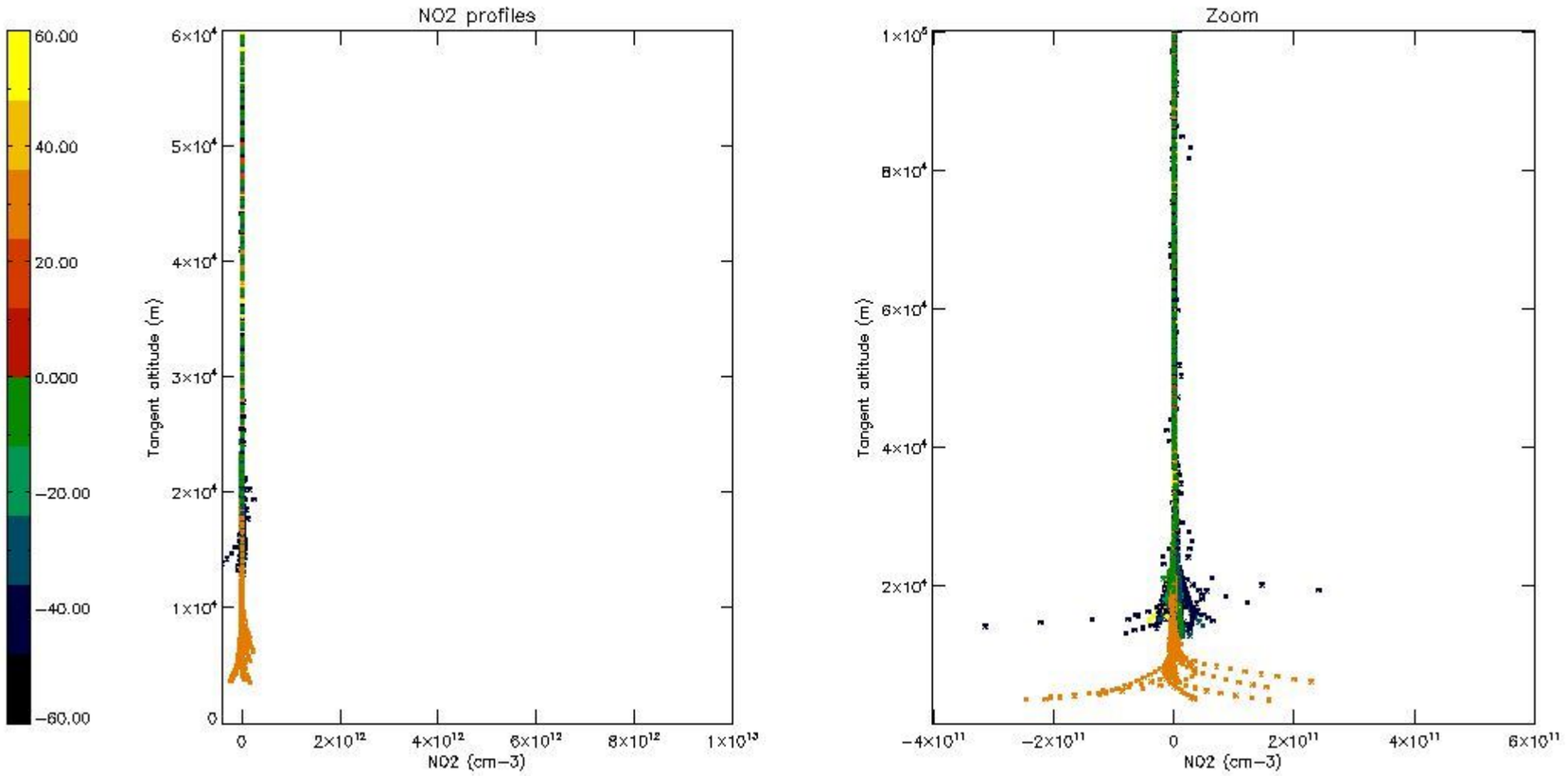
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



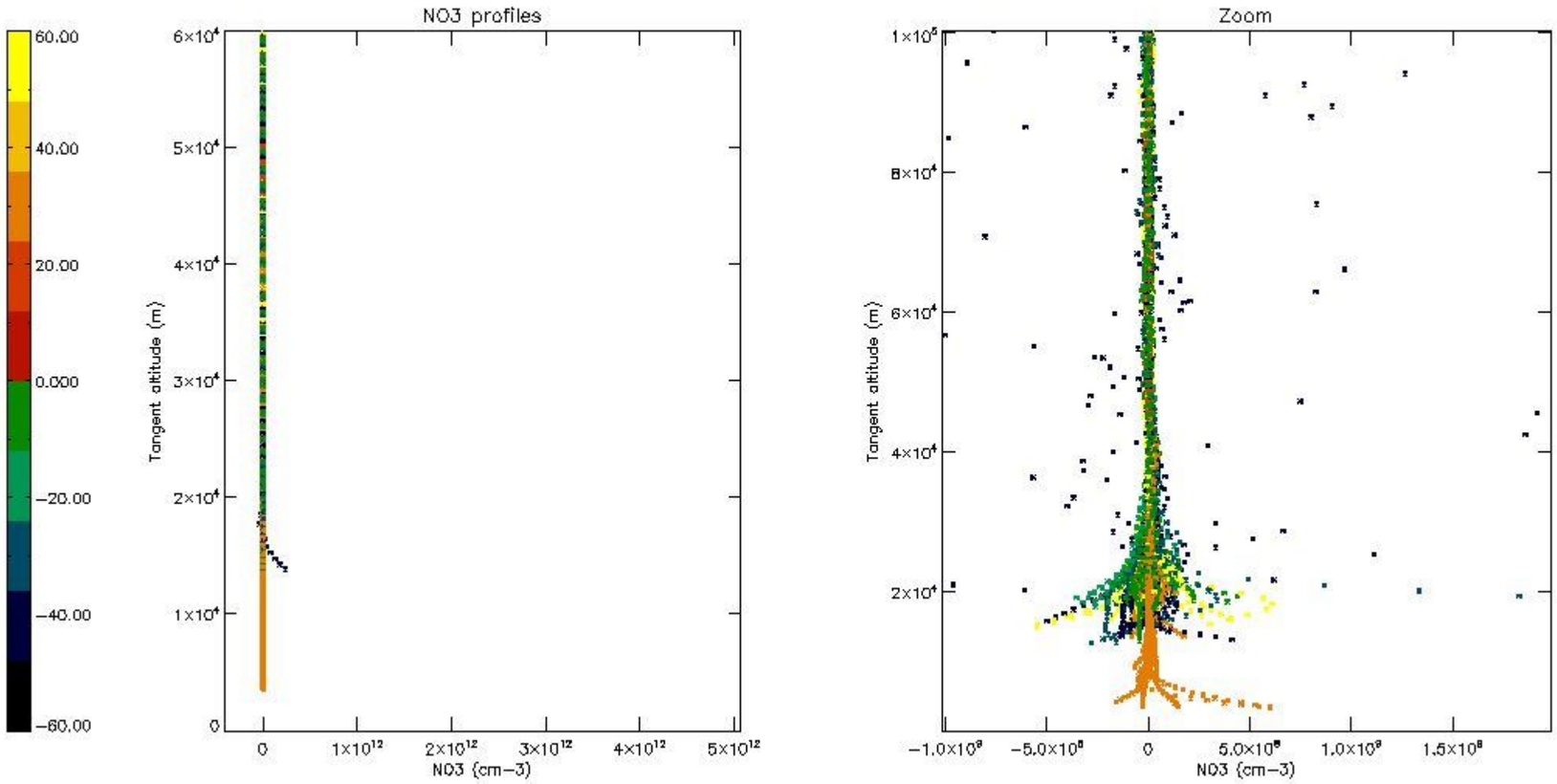
5.6 Plot NO2 profiles for all STD (dark without errors)

The colorbar represents the latitude.



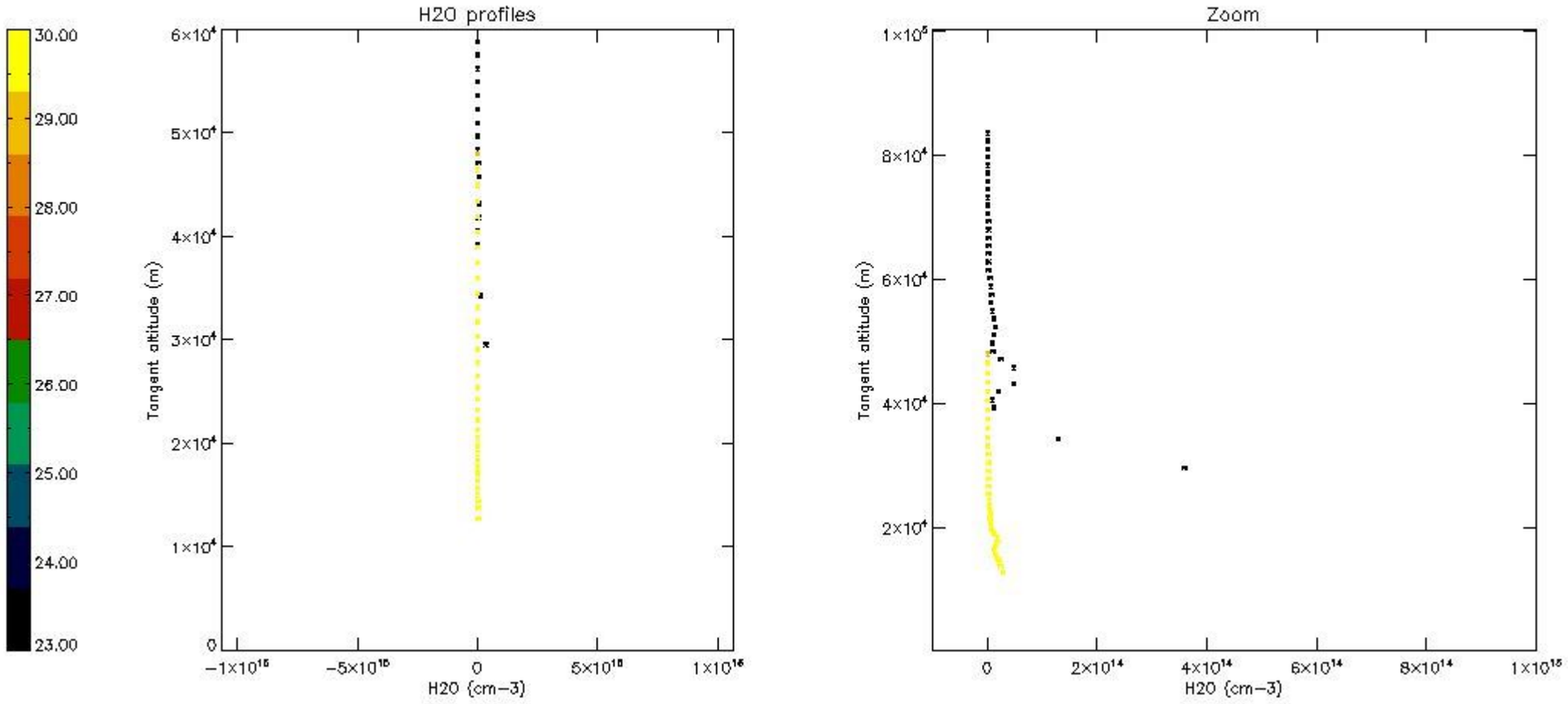
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	09-DEC-2007 00:33:45
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	09-DEC-2007 00:33:45
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	09-DEC-2007 00:33:45

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

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1. General info

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	23APR2013 13:29:41
Data source version	GOMOS/6.01
Start time of products	09-12-2007 (09DEC2007 00:00:00)
Stop time of products	10-12-2007 (10DEC2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	331
Nb of prods with errors	1

2. Summary of processed GOM_NL__2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20071209_003345_000001102064_00074_30188_7358.N1	09-DEC-2007 00:33:45	Dark	109.50	34	Gam2Vel	1.7930	23000.	219	30188	No
2	GOM_NL__2PRFIN20071209_003637_000001102064_00074_30188_7359.N1	09-DEC-2007 00:36:37	Dark	110.00	2	Alp Car	-0.73600	7000.0	220	30188	No
3	GOM_NL__2PRFIN20071209_004247_000001022064_00074_30188_7360.N1	09-DEC-2007 00:42:47	Dark	101.50	108	Alp Col	2.6520	15200.	203	30188	No
4	GOM_NL__2PRFIN20071209_004801_000000822064_00074_30188_7361.N1	09-DEC-2007 00:48:01	Straylight	82.000	101	11Alp Lep	2.5820	7000.0	164	30188	No
5	GOM_NL__2PRFIN20071209_005119_000001112064_00074_30188_7362.N1	09-DEC-2007 00:51:19	Straylight	111.00	7	19Bet Ori	0.10000	14000.	222	30188	No
6	GOM_NL__2PRFIN20071209_005859_000001132064_00074_30188_7363.N1	09-DEC-2007 00:58:59	Bright	113.00	13	87Alp Tau	0.86700	3800.0	226	30188	No
7	GOM_NL__2PRFIN20071209_010315_000000862064_00074_30188_7364.N1	09-DEC-2007 01:03:15	Bright	85.500	150	44Zet Per	2.8900	28000.	171	30188	No
8	GOM_NL__2PRFIN20071209_010918_000000852064_00074_30188_7365.N1	09-DEC-2007 01:09:18	Bright	84.500	160	23Gam Per	2.9300	4700.0	169	30188	No
9	GOM_NL__2PRFIN20071209_011922_000000882064_00074_30188_7366.N1	09-DEC-2007 01:19:22	Bright	87.500	49	1Alp UMi	1.9900	6300.0	175	30188	No
10	GOM_NL__2PRFIN20071209_012405_000000882064_00074_30188_7367.N1	09-DEC-2007 01:24:05	Bright	88.000	60	7Bet UMi	2.0810	3950.0	176	30188	No
11	GOM_NL__2PRFIN20071209_012856_000000982064_00074_30188_7368.N1	09-DEC-2007 01:28:56	Bright	98.000	32	77Eps UMa	1.7630	11000.	196	30188	No
12	GOM_NL__2PRFIN20071209_013118_000000962064_00074_30188_7369.N1	09-DEC-2007 01:31:18	Bright	96.000	39	85Eta UMa	1.8540	24000.	192	30188	No
13	GOM_NL__2PRFIN20071209_013427_000000862064_00074_30188_7370.N1	09-DEC-2007 01:34:27	Bright	86.000	180	27Gam Boo	3.0400	8000.0	172	30188	No
14	GOM_NL__2PRFIN20071209_014007_000000872064_00074_30188_7371.N1	09-DEC-2007 01:40:07	Bright	86.500	3	16Alp Boo	-0.050000	4250.0	173	30188	No
15	GOM_NL__2PRFIN20071209_014955_000001022064_00074_30188_7372.N1	09-DEC-2007 01:49:55	Bright	101.50	15	67Alp Vir	0.97600	28000.	203	30188	No
16	GOM_NL__2PRFIN20071209_015323_000000992064_00074_30188_7373.N1	09-DEC-2007 01:53:23	Twi_and_stray	98.500	169	46Gam Hya	2.9910	4700.0	197	30188	No
17	GOM_NL__2PRFIN20071209_015648_000000922064_00074_30188_7374.N1	09-DEC-2007 01:56:48	Dark	92.000	123	Iot Cen	2.7500	10200.	184	30188	No
18	GOM_NL__2PRFIN20071209_021422_000001122064_00075_30189_7373.N1	09-DEC-2007 02:14:22	Dark	111.50	34	Gam2Vel	1.7930	23000.	223	30189	No
19	GOM_NL__2PRFIN20071209_021713_000000992064_00075_30189_7374.N1	09-DEC-2007 02:17:13	Dark	98.500	2	Alp Car	-0.73600	7000.0	197	30189	No
20	GOM_NL__2PRFIN20071209_022323_000001002064_00075_30189_7375.N1	09-DEC-2007 02:23:23	Dark	99.500	108	Alp Col	2.6520	15200.	199	30189	No
21	GOM_NL__2PRFIN20071209_022837_000000822064_00075_30189_7376.N1	09-DEC-2007 02:28:37	Straylight	82.000	101	11Alp Lep	2.5820	7000.0	164	30189	No
22	GOM_NL__2PRFIN20071209_023155_000001112064_00075_30189_7377.N1	09-DEC-2007 02:31:55	Straylight	111.00	7	19Bet Ori	0.10000	14000.	222	30189	No
23	GOM_NL__2PRFIN20071209_023935_000001112064_00075_30189_7378.N1	09-DEC-2007 02:39:35	Bright	111.00	13	87Alp Tau	0.86700	3800.0	222	30189	No
24	GOM_NL__2PRFIN20071209_024350_000000882064_00075_30189_7379.N1	09-DEC-2007 02:43:50	Bright	87.500	150	44Zet Per	2.8900	28000.	175	30189	No
25	GOM_NL__2PRFIN20071209_024954_000000842064_00075_30189_7380.N1	09-DEC-2007 02:49:54	Bright	84.000	160	23Gam Per	2.9300	4700.0	168	30189	No
26	GOM_NL__2PRFIN20071209_025957_000000872064_00075_30189_7381.N1	09-DEC-2007 02:59:57	Bright	86.500	49	1Alp UMi	1.9900	6300.0	173	30189	No
27	GOM_NL__2PRFIN20071209_030441_000000892064_00075_30189_7382.N1	09-DEC-2007 03:04:41	Bright	88.500	60	7Bet UMi	2.0810	3950.0	177	30189	No
28	GOM_NL__2PRFIN20071209_030932_000000982064_00075_30189_7383.N1	09-DEC-2007 03:09:32	Bright	98.000	32	77Eps UMa	1.7630	11000.	196	30189	No
29	GOM_NL__2PRFIN20071209_031154_000000942064_00075_30189_7384.N1	09-DEC-2007 03:11:54	Bright	94.000	39	85Eta UMa	1.8540	24000.	188	30189	No
30	GOM_NL__2PRFIN20071209_031502_000000872064_00075_30189_7385.N1	09-DEC-2007 03:15:02	Bright	86.500	180	27Gam Boo	3.0400	8000.0	173	30189	No
31	GOM_NL__2PRFIN20071209_032043_000000882064_00075_30189_7386.N1	09-DEC-2007 03:20:43	Bright	87.500	3	16Alp Boo	-0.050000	4250.0	175	30189	No
32	GOM_NL__2PRFIN20071209_033031_000001012064_00075_30189_7387.N1	09-DEC-2007 03:30:31	Bright	101.00	15	67Alp Vir	0.97600	28000.	202	30189	No
33	GOM_NL__2PRFIN20071209_033400_000000972064_00075_30189_7388.N1	09-DEC-2007 03:34:00	Twi_and_stray	96.500	169	46Gam Hya	2.9910	4700.0	193	30189	No
34	GOM_NL__2PRFIN20071209_033725_000000912064_00075_30189_7389.N1	09-DEC-2007 03:37:25	Dark	91.000	123	Iot Cen	2.7500	10200.	182	30189	No
35	GOM_NL__2PRFIN20071209_034131_000000932064_00075_30189_7390.N1	09-DEC-2007 03:41:31	Dark	93.000	64	Gam Cen	2.2000	10600.	186	30189	No
36	GOM_NL__2PRFIN20071209_034721_000000452064_00076_30190_7383.N1	09-DEC-2007 03:47:21	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	30190	No
37	GOM_NL__2PRFIN20071209_035025_000000382064_00076_30190_7384.N1	09-DEC-2007 03:50:25	Dark	38.000	159	Ups Car	2.9200	7200.0	76	30190	No
38	GOM_NL__2PRFIN20071209_035601_000000512064_00076_30190_7385.N1	09-DEC-2007 03:56:01	Dark	51.000	34	Gam2Vel	1.7930	23000.	102	30190	No
39	GOM_NL__2PRFIN20071209_035844_000000492064_00076_30190_7386.N1	09-DEC-2007 03:58:44	Dark	49.000	2	Alp Car	-0.73600	7000.0	98	30190	No
40	GOM_NL__2PRFIN20071209_040457_000000432064_00076_30190_7387.N1	09-DEC-2007 04:04:57	Dark	43.000	108	Alp Col	2.6520	15200.	86	30190	No
41	GOM_NL__2PRFIN20071209_041014_000000282064_00076_30190_7388.N1	09-DEC-2007 04:10:14	Straylight	28.000	101	11Alp Lep	2.5820	7000.0	56	30190	No
42	GOM_NL__2PRFIN20071209_041331_000000542064_00076_30190_7389.N1	09-DEC-2007 04:13:31	Straylight	54.000	7	19Bet Ori	0.10000	14000.	108	30190	No

43	GOM_NL__2PRFIN20071209_042107_000000502064_00076_30190_7390.N1	09-DEC-2007 04:21:07	Bright	49.500	13	87Alp Tau	0.86700	3800.0	99	30190	No
44	GOM_NL__2PRFIN20071209_042302_000000352064_00076_30190_7391.N1	09-DEC-2007 04:23:02	Bright	35.000	146	25Eta Tau	2.8730	15200.	70	30190	No
45	GOM_NL__2PRFIN20071209_042517_000000372064_00076_30190_7392.N1	09-DEC-2007 04:25:17	Bright	37.000	150	44Zet Per	2.8900	28000.	74	30190	No
46	GOM_NL__2PRFIN20071209_042739_000000362064_00076_30190_7393.N1	09-DEC-2007 04:27:39	Bright	35.500	149	45Eps Per	2.8880	30000.	71	30190	No
47	GOM_NL__2PRFIN20071209_042946_000000352064_00076_30190_7394.N1	09-DEC-2007 04:29:46	Bright	35.000	175	39Del Per	3.0100	19400.	70	30190	No
48	GOM_NL__2PRFIN20071209_043120_000000362064_00076_30190_7395.N1	09-DEC-2007 04:31:20	Bright	35.500	160	23Gam Per	2.9300	4700.0	71	30190	No
49	GOM_NL__2PRFIN20071209_044125_000000362064_00076_30190_7396.N1	09-DEC-2007 04:41:25	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	30190	No
50	GOM_NL__2PRFIN20071209_044608_000000382064_00076_30190_7397.N1	09-DEC-2007 04:46:08	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	30190	No
51	GOM_NL__2PRFIN20071209_045105_000000412064_00076_30190_7398.N1	09-DEC-2007 04:51:05	Bright	41.000	32	77Eps UMa	1.7630	11000.	82	30190	No
52	GOM_NL__2PRFIN20071209_045324_000000392064_00076_30190_7399.N1	09-DEC-2007 04:53:24	Bright	39.000	39	85Eta UMa	1.8540	24000.	78	30190	No
53	GOM_NL__2PRFIN20071209_045630_000000362064_00076_30190_7400.N1	09-DEC-2007 04:56:30	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	30190	No
54	GOM_NL__2PRFIN20071209_045936_000000342064_00076_30190_7401.N1	09-DEC-2007 04:59:36	Bright	34.000	83		2.3780	11000.	68	30190	No
55	GOM_NL__2PRFIN20071209_050244_000000542064_00076_30190_7402.N1	09-DEC-2007 05:02:44	Bright	54.000	111	8Eta Boo	2.6800	6000.0	108	30190	No
56	GOM_NL__2PRFIN20071209_051203_000000472064_00076_30190_7403.N1	09-DEC-2007 05:12:03	Bright	47.000	15	67Alp Vir	0.97600	28000.	94	30190	No
57	GOM_NL__2PRFIN20071209_051531_000000432064_00076_30190_7404.N1	09-DEC-2007 05:15:31	Twi_and_stray	43.000	169	46Gam Hya	2.9910	4700.0	86	30190	No
58	GOM_NL__2PRFIN20071209_051729_000000482064_00076_30190_7405.N1	09-DEC-2007 05:17:29	Dark	47.500	106	9Bet Crv	2.6480	5600.0	95	30190	No
59	GOM_NL__2PRFIN20071209_052300_000000432064_00076_30190_7406.N1	09-DEC-2007 05:23:00	Dark	42.500	64	Gam Cen	2.2000	10600.	85	30190	No
60	GOM_NL__2PRFIN20071209_052430_000000392064_00076_30190_7407.N1	09-DEC-2007 05:24:30	Dark	39.000	99	Del Cen	2.5750	26000.	78	30190	No
61	GOM_NL__2PRFIN20071209_052758_000000452064_00077_30191_7392.N1	09-DEC-2007 05:27:58	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	30191	No
62	GOM_NL__2PRFIN20071209_053102_000000382064_00077_30191_7393.N1	09-DEC-2007 05:31:02	Dark	37.500	159	Ups Car	2.9200	7200.0	75	30191	No
63	GOM_NL__2PRFIN20071209_053638_000000512064_00077_30191_7394.N1	09-DEC-2007 05:36:38	Dark	50.500	34	Gam2Vel	1.7930	23000.	101	30191	No
64	GOM_NL__2PRFIN20071209_053920_000000552064_00077_30191_7395.N1	09-DEC-2007 05:39:20	Dark	55.000	2	Alp Car	-0.73600	7000.0	110	30191	No
65	GOM_NL__2PRFIN20071209_054533_000000432064_00077_30191_7396.N1	09-DEC-2007 05:45:33	Dark	42.500	108	Alp Col	2.6520	15200.	85	30191	No
66	GOM_NL__2PRFIN20071209_055050_000000282064_00077_30191_7397.N1	09-DEC-2007 05:50:50	Straylight	28.000	101	11Alp Lep	2.5820	7000.0	56	30191	No
67	GOM_NL__2PRFIN20071209_055407_000000532064_00077_30191_7398.N1	09-DEC-2007 05:54:07	Straylight	53.000	7	19Bet Ori	0.10000	14000.	106	30191	No
68	GOM_NL__2PRFIN20071209_060143_000000532064_00077_30191_7399.N1	09-DEC-2007 06:01:43	Bright	52.500	13	87Alp Tau	0.86700	3800.0	105	30191	No
69	GOM_NL__2PRFIN20071209_060338_000000362064_00077_30191_7400.N1	09-DEC-2007 06:03:38	Bright	35.500	146	25Eta Tau	2.8730	15200.	71	30191	No
70	GOM_NL__2PRFIN20071209_060553_000000372064_00077_30191_7401.N1	09-DEC-2007 06:05:53	Bright	37.000	150	44Zet Per	2.8900	28000.	74	30191	No
71	GOM_NL__2PRFIN20071209_060815_000000352064_00077_30191_7402.N1	09-DEC-2007 06:08:15	Bright	34.500	149	45Eps Per	2.8880	30000.	69	30191	No
72	GOM_NL__2PRFIN20071209_061022_000000352064_00077_30191_7403.N1	09-DEC-2007 06:10:22	Bright	35.000	175	39Del Per	3.0100	19400.	70	30191	No
73	GOM_NL__2PRFIN20071209_061156_000000352064_00077_30191_7404.N1	09-DEC-2007 06:11:56	Bright	35.000	160	23Gam Per	2.9300	4700.0	70	30191	No
74	GOM_NL__2PRFIN20071209_062201_000000332064_00077_30191_7405.N1	09-DEC-2007 06:22:01	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	30191	No
75	GOM_NL__2PRFIN20071209_062644_000000332064_00077_30191_7406.N1	09-DEC-2007 06:26:44	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	30191	No
76	GOM_NL__2PRFIN20071209_063141_000000382064_00077_30191_7407.N1	09-DEC-2007 06:31:41	Bright	38.000	32	77Eps UMa	1.7630	11000.	76	30191	No
77	GOM_NL__2PRFIN20071209_063400_000000402064_00077_30191_7408.N1	09-DEC-2007 06:34:00	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	30191	No
78	GOM_NL__2PRFIN20071209_063706_000000342064_00077_30191_7409.N1	09-DEC-2007 06:37:06	Bright	33.500	180	27Gam Boo	3.0400	8000.0	67	30191	No
79	GOM_NL__2PRFIN20071209_064012_000000342064_00077_30191_7410.N1	09-DEC-2007 06:40:12	Bright	34.000	83		2.3780	11000.	68	30191	No
80	GOM_NL__2PRFIN20071209_064320_000000362064_00077_30191_7411.N1	09-DEC-2007 06:43:20	Bright	36.000	111	8Eta Boo	2.6800	6000.0	72	30191	No
81	GOM_NL__2PRFIN20071209_065240_000000462064_00077_30191_7412.N1	09-DEC-2007 06:52:40	Bright	45.500	15	67Alp Vir	0.97600	28000.	91	30191	No
82	GOM_NL__2PRFIN20071209_065607_000000422064_00077_30191_7413.N1	09-DEC-2007 06:56:07	Twi_and_stray	42.000	169	46Gam Hya	2.9910	4700.0	84	30191	No
83	GOM_NL__2PRFIN20071209_065806_000000512064_00077_30191_7414.N1	09-DEC-2007 06:58:06	Dark	50.500	106	9Bet Crv	2.6480	5600.0	101	30191	No
84	GOM_NL__2PRFIN20071209_070336_000000412064_00077_30191_7415.N1	09-DEC-2007 07:03:36	Dark	40.500	64	Gam Cen	2.2000	10600.	81	30191	No
85	GOM_NL__2PRFIN20071209_070506_000000392064_00077_30191_7416.N1	09-DEC-2007 07:05:06	Dark	39.000	99	Del Cen	2.5750	26000.	78	30191	No
86	GOM_NL__2PRFIN20071209_070834_000000452064_00078_30192_7415.N1	09-DEC-2007 07:08:34	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	30192	No
87	GOM_NL__2PRFIN20071209_071138_000000382064_00078_30192_7416.N1	09-DEC-2007 07:11:38	Dark	38.000	159	Ups Car	2.9200	7200.0	76	30192	No
88	GOM_NL__2PRFIN20071209_071714_000000522064_00078_30192_7417.N1	09-DEC-2007 07:17:14	Dark	51.500	34	Gam2Vel	1.7930	23000.	103	30192	No
89	GOM_NL__2PRFIN20071209_071957_000000462064_00078_30192_7418.N1	09-DEC-2007 07:19:57	Dark	45.500	2	Alp Car	-0.73600	7000.0	91	30192	No
90	GOM_NL__2PRFIN20071209_072610_000000432064_00078_30192_7419.N1	09-DEC-2007 07:26:10	Dark	43.000	108	Alp Col	2.6520	15200.	86	30192	No
91	GOM_NL__2PRFIN20071209_073127_000000342064_00078_30192_7420.N1	09-DEC-2007 07:31:27	Straylight	33.500	101	11Alp Lep	2.5820	7000.0	67	30192	No
92	GOM_NL__2PRFIN20071209_073443_000000612064_00078_30192_7421.N1	09-DEC-2007 07:34:43	Straylight	61.000	7	19Bet Ori	0.10000	14000.	122	30192	No
93	GOM_NL__2PRFIN20071209_074218_000000522064_00078_30192_7422.N1	09-DEC-2007 07:42:18	Bright	51.500	13	87Alp Tau	0.86700	3800.0	103	30192	No
94	GOM_NL__2PRFIN20071209_074414_000000352064_00078_30192_7423.N1	09-DEC-2007 07:44:14	Bright	35.000	146	25Eta Tau	2.8730	15200.	70	30192	No
95	GOM_NL__2PRFIN20071209_074629_000000362064_00078_30192_7424.N1	09-DEC-2007 07:46:29	Bright	35.500	150	44Zet Per	2.8900	28000.	71	30192	No
96	GOM_NL__2PRFIN20071209_074850_000000362064_00078_30192_7425.N1	09-DEC-2007 07:48:50	Bright	35.500	149	45Eps Per	2.8880	30000.	71	30192	No
97	GOM_NL__2PRFIN20071209_075058_000000352064_00078_30192_7426.N1	09-DEC-2007 07:50:58	Bright	34.500	175	39Del Per	3.0100	19400.	69	30192	No
98	GOM_NL__2PRFIN20071209_075232_000000342064_00078_30192_7427.N1	09-DEC-2007 07:52:32	Bright	34.000	160	23Gam Per	2.9300	4700.0	68	30192	No
99	GOM_NL__2PRFIN20071209_080237_000000362064_00078_30192_7428.N1	09-DEC-2007 08:02:37	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	30192	No
100	GOM_NL__2PRFIN20071209_080720_000000332064_00078_30192_7429.N1	09-DEC-2007 08:07:20	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	30192	No
101	GOM_NL__2PRFIN20071209_081217_000000422064_00078_30192_7430.N1	09-DEC-2007 08:12:17	Bright	42.000	32	77Eps UMa	1.7630	11000.	84	30192	No

102	GOM_NL__2PRFIN20071209_081436_000000362064_00078_30192_7431.N1	09-DEC-2007 08:14:36	Bright	36.000	39	85Eta UMa	1.8540	24000.	72	30192	No
103	GOM_NL__2PRFIN20071209_081743_000000422064_00078_30192_7432.N1	09-DEC-2007 08:17:43	Bright	42.000	180	27Gam Boo	3.0400	8000.0	84	30192	No
104	GOM_NL__2PRFIN20071209_082048_000000352064_00078_30192_7433.N1	09-DEC-2007 08:20:48	Bright	34.500	83		2.3780	11000.	69	30192	No
105	GOM_NL__2PRFIN20071209_082356_000000372064_00078_30192_7434.N1	09-DEC-2007 08:23:56	Bright	36.500	111	8Eta Boo	2.6800	6000.0	73	30192	No
106	GOM_NL__2PRFIN20071209_083316_000000482064_00078_30192_7435.N1	09-DEC-2007 08:33:16	Bright	47.500	15	67Alp Vir	0.97600	28000.	95	30192	No
107	GOM_NL__2PRFIN20071209_083644_000000422064_00078_30192_7436.N1	09-DEC-2007 08:36:44	Twi_and_stray	42.000	169	46Gam Hya	2.9910	4700.0	84	30192	No
108	GOM_NL__2PRFIN20071209_083843_000000492064_00078_30192_7437.N1	09-DEC-2007 08:38:43	Dark	48.500	106	9Bet Crv	2.6480	5600.0	97	30192	No
109	GOM_NL__2PRFIN20071209_084413_000000402064_00078_30192_7438.N1	09-DEC-2007 08:44:13	Dark	39.500	64	Gam Cen	2.2000	10600.	79	30192	No
110	GOM_NL__2PRFIN20071209_084543_000000412064_00078_30192_7439.N1	09-DEC-2007 08:45:43	Dark	40.500	99	Del Cen	2.5750	26000.	81	30192	No
111	GOM_NL__2PRFIN20071209_084911_000000422064_00079_30193_7429.N1	09-DEC-2007 08:49:11	Dark	42.000	113	Mu Vel	2.6920	5000.0	84	30193	No
112	GOM_NL__2PRFIN20071209_085215_000000392064_00079_30193_7430.N1	09-DEC-2007 08:52:15	Dark	38.500	159	Ups Car	2.9200	7200.0	77	30193	No
113	GOM_NL__2PRFIN20071209_085751_000000472064_00079_30193_7431.N1	09-DEC-2007 08:57:51	Dark	47.000	34	Gam2Vel	1.7930	23000.	94	30193	No
114	GOM_NL__2PRFIN20071209_090033_000000562064_00079_30193_7432.N1	09-DEC-2007 09:00:33	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	30193	No
115	GOM_NL__2PRFIN20071209_090646_000000412064_00079_30193_7433.N1	09-DEC-2007 09:06:46	Dark	41.000	108	Alp Col	2.6520	15200.	82	30193	No
116	GOM_NL__2PRFIN20071209_091203_000000342064_00079_30193_7434.N1	09-DEC-2007 09:12:03	Straylight	34.000	101	11Alp Lep	2.5820	7000.0	68	30193	No
117	GOM_NL__2PRFIN20071209_091519_000000532064_00079_30193_7435.N1	09-DEC-2007 09:15:19	Straylight	52.500	7	19Bet Ori	0.10000	14000.	105	30193	No
118	GOM_NL__2PRFIN20071209_092254_000000562064_00079_30193_7436.N1	09-DEC-2007 09:22:54	Bright	55.500	13	87Alp Tau	0.86700	3800.0	111	30193	No
119	GOM_NL__2PRFIN20071209_092450_000000382064_00079_30193_7437.N1	09-DEC-2007 09:24:50	Bright	37.500	146	25Eta Tau	2.8730	15200.	75	30193	No
120	GOM_NL__2PRFIN20071209_092705_000000372064_00079_30193_7438.N1	09-DEC-2007 09:27:05	Bright	36.500	150	44Zet Per	2.8900	28000.	73	30193	No
121	GOM_NL__2PRFIN20071209_092926_000000362064_00079_30193_7439.N1	09-DEC-2007 09:29:26	Bright	36.000	149	45Eps Per	2.8880	30000.	72	30193	No
122	GOM_NL__2PRFIN20071209_093134_000000362064_00079_30193_7440.N1	09-DEC-2007 09:31:34	Bright	35.500	175	39Del Per	3.0100	19400.	71	30193	No
123	GOM_NL__2PRFIN20071209_093308_000000362064_00079_30193_7441.N1	09-DEC-2007 09:33:08	Bright	36.000	160	23Gam Per	2.9300	4700.0	72	30193	No
124	GOM_NL__2PRFIN20071209_094313_000000372064_00079_30193_7442.N1	09-DEC-2007 09:43:13	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	30193	No
125	GOM_NL__2PRFIN20071209_094756_000000382064_00079_30193_7443.N1	09-DEC-2007 09:47:56	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	30193	No
126	GOM_NL__2PRFIN20071209_095252_000000422064_00079_30193_7444.N1	09-DEC-2007 09:52:52	Bright	41.500	32	77Eps UMa	1.7630	11000.	83	30193	No
127	GOM_NL__2PRFIN20071209_095512_000000382064_00079_30193_7445.N1	09-DEC-2007 09:55:12	Bright	38.000	39	85Eta UMa	1.8540	24000.	76	30193	No
128	GOM_NL__2PRFIN20071209_095819_000000352064_00079_30193_7446.N1	09-DEC-2007 09:58:19	Bright	34.500	180	27Gam Boo	3.0400	8000.0	69	30193	No
129	GOM_NL__2PRFIN20071209_100124_000000342064_00079_30193_7447.N1	09-DEC-2007 10:01:24	Bright	34.000	83		2.3780	11000.	68	30193	No
130	GOM_NL__2PRFIN20071209_100433_000000372064_00079_30193_7448.N1	09-DEC-2007 10:04:33	Bright	37.000	111	8Eta Boo	2.6800	6000.0	74	30193	No
131	GOM_NL__2PRFIN20071209_101353_000000482064_00079_30193_7449.N1	09-DEC-2007 10:13:53	Bright	47.500	15	67Alp Vir	0.97600	28000.	95	30193	No
132	GOM_NL__2PRFIN20071209_101720_000000442064_00079_30193_7450.N1	09-DEC-2007 10:17:20	Twi_and_stray	43.500	169	46Gam Hya	2.9910	4700.0	87	30193	No
133	GOM_NL__2PRFIN20071209_101919_000000492064_00079_30193_7451.N1	09-DEC-2007 10:19:19	Dark	49.000	106	9Bet Crv	2.6480	5600.0	98	30193	No
134	GOM_NL__2PRFIN20071209_102449_000000422064_00079_30193_7452.N1	09-DEC-2007 10:24:49	Dark	41.500	64	Gam Cen	2.2000	10600.	83	30193	No
135	GOM_NL__2PRFIN20071209_102619_000000402064_00079_30193_7453.N1	09-DEC-2007 10:26:19	Dark	39.500	99	Del Cen	2.5750	26000.	79	30193	No
136	GOM_NL__2PRFIN20071209_102948_000000452064_00080_30194_7442.N1	09-DEC-2007 10:29:48	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	30194	No
137	GOM_NL__2PRFIN20071209_103251_000000392064_00080_30194_7443.N1	09-DEC-2007 10:32:51	Dark	38.500	159	Ups Car	2.9200	7200.0	77	30194	No
138	GOM_NL__2PRFIN20071209_103828_000000472064_00080_30194_7444.N1	09-DEC-2007 10:38:28	Dark	47.000	34	Gam2Vel	1.7930	23000.	94	30194	No
139	GOM_NL__2PRFIN20071209_104109_000000462064_00080_30194_7445.N1	09-DEC-2007 10:41:09	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	30194	No
140	GOM_NL__2PRFIN20071209_104722_000000432064_00080_30194_7446.N1	09-DEC-2007 10:47:22	Dark	43.000	108	Alp Col	2.6520	15200.	86	30194	No
141	GOM_NL__2PRFIN20071209_105239_000000412064_00080_30194_7447.N1	09-DEC-2007 10:52:39	Straylight	41.000	101	11Alp Lep	2.5820	7000.0	82	30194	No
142	GOM_NL__2PRFIN20071209_105555_000000512064_00080_30194_7448.N1	09-DEC-2007 10:55:55	Straylight	50.500	7	19Bet Ori	0.10000	14000.	101	30194	No
143	GOM_NL__2PRFIN20071209_110330_000000542064_00080_30194_7449.N1	09-DEC-2007 11:03:30	Bright	54.000	13	87Alp Tau	0.86700	3800.0	108	30194	No
144	GOM_NL__2PRFIN20071209_110526_000000372064_00080_30194_7450.N1	09-DEC-2007 11:05:26	Bright	37.000	146	25Eta Tau	2.8730	15200.	74	30194	No
145	GOM_NL__2PRFIN20071209_110741_000000362064_00080_30194_7451.N1	09-DEC-2007 11:07:41	Bright	36.000	150	44Zet Per	2.8900	28000.	72	30194	No
146	GOM_NL__2PRFIN20071209_111002_000000352064_00080_30194_7452.N1	09-DEC-2007 11:10:02	Bright	35.000	149	45Eps Per	2.8880	30000.	70	30194	No
147	GOM_NL__2PRFIN20071209_111210_000000352064_00080_30194_7453.N1	09-DEC-2007 11:12:10	Bright	35.000	175	39Del Per	3.0100	19400.	70	30194	No
148	GOM_NL__2PRFIN20071209_111344_000000342064_00080_30194_7454.N1	09-DEC-2007 11:13:44	Bright	34.000	160	23Gam Per	2.9300	4700.0	68	30194	No
149	GOM_NL__2PRFIN20071209_112349_000000362064_00080_30194_7455.N1	09-DEC-2007 11:23:49	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	30194	No
150	GOM_NL__2PRFIN20071209_112832_000000382064_00080_30194_7456.N1	09-DEC-2007 11:28:32	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	30194	No
151	GOM_NL__2PRFIN20071209_113328_000000392064_00080_30194_7457.N1	09-DEC-2007 11:33:28	Bright	38.500	32	77Eps UMa	1.7630	11000.	77	30194	No
152	GOM_NL__2PRFIN20071209_113548_000000382064_00080_30194_7458.N1	09-DEC-2007 11:35:48	Bright	38.000	39	85Eta UMa	1.8540	24000.	76	30194	No
153	GOM_NL__2PRFIN20071209_113855_000000342064_00080_30194_7459.N1	09-DEC-2007 11:38:55	Bright	34.000	180	27Gam Boo	3.0400	8000.0	68	30194	No
154	GOM_NL__2PRFIN20071209_114200_000000352064_00080_30194_7460.N1	09-DEC-2007 11:42:00	Bright	34.500	83		2.3780	11000.	69	30194	No
155	GOM_NL__2PRFIN20071209_114509_000000372064_00080_30194_7461.N1	09-DEC-2007 11:45:09	Bright	37.000	111	8Eta Boo	2.6800	6000.0	74	30194	No
156	GOM_NL__2PRFIN20071209_115429_000000452064_00080_30194_7462.N1	09-DEC-2007 11:54:29	Bright	44.500	15	67Alp Vir	0.97600	28000.	89	30194	No
157	GOM_NL__2PRFIN20071209_115757_000000412064_00080_30194_7463.N1	09-DEC-2007 11:57:57	Twilight	40.500	169	46Gam Hya	2.9910	4700.0	81	30194	No
158	GOM_NL__2PRFIN20071209_115956_000000492064_00080_30194_7464.N1	09-DEC-2007 11:59:56	Dark	48.500	106	9Bet Crv	2.6480	5600.0	97	30194	No
159	GOM_NL__2PRFIN20071209_120525_000000442064_00080_30194_7465.N1	09-DEC-2007 12:05:25	Dark	44.000	64	Gam Cen	2.2000	10600.	88	30194	No
160	GOM_NL__2PRFIN20071209_120656_000000412064_00080_30194_7466.N1	09-DEC-2007 12:06:56	Dark	40.500	99	Del Cen	2.5750	26000.	81	30194	No

161	GOM_NL__2PRFIN20071209_121025_000000442064_00081_30195_7455.N1	09-DEC-2007 12:10:25	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	30195	No
162	GOM_NL__2PRFIN20071209_121328_000000382064_00081_30195_7456.N1	09-DEC-2007 12:13:28	Dark	38.000	159	Ups Car	2.9200	7200.0	76	30195	No
163	GOM_NL__2PRFIN20071209_121904_000000482064_00081_30195_7457.N1	09-DEC-2007 12:19:04	Dark	47.500	34	Gam2Vel	1.7930	23000.	95	30195	No
164	GOM_NL__2PRFIN20071209_122146_000000502064_00081_30195_7458.N1	09-DEC-2007 12:21:46	Dark	50.000	2	Alp Car	-0.73600	7000.0	100	30195	No
165	GOM_NL__2PRFIN20071209_122758_000000432064_00081_30195_7459.N1	09-DEC-2007 12:27:58	Dark	43.000	108	Alp Col	2.6520	15200.	86	30195	No
166	GOM_NL__2PRFIN20071209_123315_000000412064_00081_30195_7460.N1	09-DEC-2007 12:33:15	Straylight	41.000	101	11Alp Lep	2.5820	7000.0	82	30195	No
167	GOM_NL__2PRFIN20071209_123631_000000532064_00081_30195_7461.N1	09-DEC-2007 12:36:31	Straylight	52.500	7	19Bet Ori	0.10000	14000.	105	30195	No
168	GOM_NL__2PRFIN20071209_124405_000000572064_00081_30195_7462.N1	09-DEC-2007 12:44:05	Bright	57.000	13	87Alp Tau	0.86700	3800.0	114	30195	No
169	GOM_NL__2PRFIN20071209_124601_000000372064_00081_30195_7463.N1	09-DEC-2007 12:46:01	Bright	37.000	146	25Eta Tau	2.8730	15200.	74	30195	No
170	GOM_NL__2PRFIN20071209_124817_000000362064_00081_30195_7464.N1	09-DEC-2007 12:48:17	Bright	35.500	150	44Zet Per	2.8900	28000.	71	30195	No
171	GOM_NL__2PRFIN20071209_125038_000000362064_00081_30195_7465.N1	09-DEC-2007 12:50:38	Bright	35.500	149	45Eps Per	2.8880	30000.	71	30195	No
172	GOM_NL__2PRFIN20071209_125246_000000362064_00081_30195_7466.N1	09-DEC-2007 12:52:46	Bright	35.500	175	39Del Per	3.0100	19400.	71	30195	No
173	GOM_NL__2PRFIN20071209_125420_000000362064_00081_30195_7467.N1	09-DEC-2007 12:54:20	Bright	36.000	160	23Gam Per	2.9300	4700.0	72	30195	No
174	GOM_NL__2PRFIN20071209_130425_000000342064_00081_30195_7468.N1	09-DEC-2007 13:04:25	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	30195	No
175	GOM_NL__2PRFIN20071209_130908_000000342064_00081_30195_7469.N1	09-DEC-2007 13:09:08	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	30195	No
176	GOM_NL__2PRFIN20071209_131404_000000412064_00081_30195_7470.N1	09-DEC-2007 13:14:04	Bright	40.500	32	77Eps UMa	1.7630	11000.	81	30195	No
177	GOM_NL__2PRFIN20071209_131624_000000382064_00081_30195_7471.N1	09-DEC-2007 13:16:24	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	30195	No
178	GOM_NL__2PRFIN20071209_131931_000000352064_00081_30195_7472.N1	09-DEC-2007 13:19:31	Bright	35.000	180	27Gam Boo	3.0400	8000.0	70	30195	No
179	GOM_NL__2PRFIN20071209_132236_000000352064_00081_30195_7473.N1	09-DEC-2007 13:22:36	Bright	34.500	83		2.3780	11000.	69	30195	No
180	GOM_NL__2PRFIN20071209_132545_000000372064_00081_30195_7474.N1	09-DEC-2007 13:25:45	Bright	37.000	111	8Eta Boo	2.6800	6000.0	74	30195	No
181	GOM_NL__2PRFIN20071209_133506_000000452064_00081_30195_7475.N1	09-DEC-2007 13:35:06	Bright	45.000	15	67Alp Vir	0.97600	28000.	90	30195	No
182	GOM_NL__2PRFIN20071209_133833_000000422064_00081_30195_7476.N1	09-DEC-2007 13:38:33	Twilight	41.500	169	46Gam Hya	2.9910	4700.0	83	30195	No
183	GOM_NL__2PRFIN20071209_134033_000000482064_00081_30195_7477.N1	09-DEC-2007 13:40:33	Dark	48.000	106	9Bet Crv	2.6480	5600.0	96	30195	No
184	GOM_NL__2PRFIN20071209_134602_000000402064_00081_30195_7478.N1	09-DEC-2007 13:46:02	Dark	39.500	64	Gam Cen	2.2000	10600.	79	30195	No
185	GOM_NL__2PRFIN20071209_134732_000000392064_00081_30195_7479.N1	09-DEC-2007 13:47:32	Dark	39.000	99	Del Cen	2.5750	26000.	78	30195	No
186	GOM_NL__2PRFIN20071209_135101_000000452064_00082_30196_7473.N1	09-DEC-2007 13:51:01	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	30196	No
187	GOM_NL__2PRFIN20071209_135404_000000392064_00082_30196_7474.N1	09-DEC-2007 13:54:04	Dark	38.500	159	Ups Car	2.9200	7200.0	77	30196	No
188	GOM_NL__2PRFIN20071209_135941_000000462064_00082_30196_7475.N1	09-DEC-2007 13:59:41	Dark	46.000	34	Gam2Vel	1.7930	23000.	92	30196	No
189	GOM_NL__2PRFIN20071209_140222_000000532064_00082_30196_7476.N1	09-DEC-2007 14:02:22	Dark	52.500	2	Alp Car	-0.73600	7000.0	105	30196	No
190	GOM_NL__2PRFIN20071209_140834_000000442064_00082_30196_7477.N1	09-DEC-2007 14:08:34	Dark	43.500	108	Alp Col	2.6520	15200.	87	30196	No
191	GOM_NL__2PRFIN20071209_141351_000000482064_00082_30196_7478.N1	09-DEC-2007 14:13:51	Straylight	48.000	101	11Alp Lep	2.5820	7000.0	96	30196	No
192	GOM_NL__2PRFIN20071209_141707_000000492064_00082_30196_7479.N1	09-DEC-2007 14:17:07	Straylight	48.500	7	19Bet Ori	0.10000	14000.	97	30196	No
193	GOM_NL__2PRFIN20071209_142441_000000572064_00082_30196_7480.N1	09-DEC-2007 14:24:41	Bright	57.000	13	87Alp Tau	0.86700	3800.0	114	30196	No
194	GOM_NL__2PRFIN20071209_142638_000000382064_00082_30196_7481.N1	09-DEC-2007 14:26:38	Bright	38.000	146	25Eta Tau	2.8730	15200.	76	30196	No
195	GOM_NL__2PRFIN20071209_142852_000000372064_00082_30196_7482.N1	09-DEC-2007 14:28:52	Bright	37.000	150	44Zet Per	2.8900	28000.	74	30196	No
196	GOM_NL__2PRFIN20071209_143114_000000362064_00082_30196_7483.N1	09-DEC-2007 14:31:14	Bright	36.000	149	45Eps Per	2.8880	30000.	72	30196	No
197	GOM_NL__2PRFIN20071209_143321_000000352064_00082_30196_7484.N1	09-DEC-2007 14:33:21	Bright	34.500	175	39Del Per	3.0100	19400.	69	30196	No
198	GOM_NL__2PRFIN20071209_143456_000000352064_00082_30196_7485.N1	09-DEC-2007 14:34:56	Bright	35.000	160	23Gam Per	2.9300	4700.0	70	30196	No
199	GOM_NL__2PRFIN20071209_144501_000000352064_00082_30196_7486.N1	09-DEC-2007 14:45:01	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	30196	No
200	GOM_NL__2PRFIN20071209_144944_000000372064_00082_30196_7487.N1	09-DEC-2007 14:49:44	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	30196	No
201	GOM_NL__2PRFIN20071209_145440_000000402064_00082_30196_7488.N1	09-DEC-2007 14:54:40	Bright	39.500	32	77Eps UMa	1.7630	11000.	79	30196	No
202	GOM_NL__2PRFIN20071209_145700_000000382064_00082_30196_7489.N1	09-DEC-2007 14:57:00	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	30196	No
203	GOM_NL__2PRFIN20071209_150007_000000362064_00082_30196_7490.N1	09-DEC-2007 15:00:07	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	30196	No
204	GOM_NL__2PRFIN20071209_150313_000000342064_00082_30196_7491.N1	09-DEC-2007 15:03:13	Bright	34.000	83		2.3780	11000.	68	30196	No
205	GOM_NL__2PRFIN20071209_150621_000000382064_00082_30196_7492.N1	09-DEC-2007 15:06:21	Bright	37.500	111	8Eta Boo	2.6800	6000.0	75	30196	No
206	GOM_NL__2PRFIN20071209_151542_000000462064_00082_30196_7493.N1	09-DEC-2007 15:15:42	Bright	45.500	15	67Alp Vir	0.97600	28000.	91	30196	No
207	GOM_NL__2PRFIN20071209_151910_000000422064_00082_30196_7494.N1	09-DEC-2007 15:19:10	Twilight	41.500	169	46Gam Hya	2.9910	4700.0	83	30196	No
208	GOM_NL__2PRFIN20071209_152110_000000492064_00082_30196_7495.N1	09-DEC-2007 15:21:10	Dark	48.500	106	9Bet Crv	2.6480	5600.0	97	30196	No
209	GOM_NL__2PRFIN20071209_152638_000000392064_00082_30196_7496.N1	09-DEC-2007 15:26:38	Dark	39.000	64	Gam Cen	2.2000	10600.	78	30196	No
210	GOM_NL__2PRFIN20071209_152809_000000412064_00082_30196_7497.N1	09-DEC-2007 15:28:09	Dark	40.500	99	Del Cen	2.5750	26000.	81	30196	No
211	GOM_NL__2PRFIN20071209_153138_000000452064_00083_30197_7498.N1	09-DEC-2007 15:31:38	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	30197	No
212	GOM_NL__2PRFIN20071209_153440_000000392064_00083_30197_7499.N1	09-DEC-2007 15:34:40	Dark	38.500	159	Ups Car	2.9200	7200.0	77	30197	No
213	GOM_NL__2PRFIN20071209_154018_000000482064_00083_30197_7500.N1	09-DEC-2007 15:40:18	Dark	48.000	34	Gam2Vel	1.7930	23000.	96	30197	No
214	GOM_NL__2PRFIN20071209_154258_000000542064_00083_30197_7501.N1	09-DEC-2007 15:42:58	Dark	53.500	2	Alp Car	-0.73600	7000.0	107	30197	No
215	GOM_NL__2PRFIN20071209_154911_000000442064_00083_30197_7502.N1	09-DEC-2007 15:49:11	Dark	44.000	108	Alp Col	2.6520	15200.	88	30197	No
216	GOM_NL__2PRFIN20071209_155427_000000482064_00083_30197_7503.N1	09-DEC-2007 15:54:27	Straylight	48.000	101	11Alp Lep	2.5820	7000.0	96	30197	No
217	GOM_NL__2PRFIN20071209_155743_000000522064_00083_30197_7504.N1	09-DEC-2007 15:57:43	Straylight	51.500	7	19Bet Ori	0.10000	14000.	103	30197	No
218	GOM_NL__2PRFIN20071209_160517_000000572064_00083_30197_7505.N1	09-DEC-2007 16:05:17	Bright	57.000	13	87Alp Tau	0.86700	3800.0	114	30197	No
219	GOM_NL__2PRFIN20071209_160713_000000362064_00083_30197_7506.N1	09-DEC-2007 16:07:13	Bright	36.000	146	25Eta Tau	2.8730	15200.	72	30197	No

220	GOM_NL__2PRFIN20071209_160928_000000362064_00083_30197_7507.N1	09-DEC-2007 16:09:28	Bright	36.000	150	44Zet Per	2.8900	28000.	72	30197	No
221	GOM_NL__2PRFIN20071209_161150_000000362064_00083_30197_7508.N1	09-DEC-2007 16:11:50	Bright	35.500	149	45Eps Per	2.8880	30000.	71	30197	No
222	GOM_NL__2PRFIN20071209_161357_000000352064_00083_30197_7509.N1	09-DEC-2007 16:13:57	Bright	35.000	175	39Del Per	3.0100	19400.	70	30197	No
223	GOM_NL__2PRFIN20071209_161542_000000242064_00083_30197_7510.N1	09-DEC-2007 16:15:42	Dark	24.000	160	23Gam Per	2.9300	4700.0	48	30197	Yes
224	GOM_NL__2PRFIN20071209_162537_000000362064_00083_30197_7511.N1	09-DEC-2007 16:25:37	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	30197	No
225	GOM_NL__2PRFIN20071209_163020_000000372064_00083_30197_7512.N1	09-DEC-2007 16:30:20	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	30197	No
226	GOM_NL__2PRFIN20071209_163515_000000422064_00083_30197_7513.N1	09-DEC-2007 16:35:15	Bright	41.500	32	77Eps UMa	1.7630	11000.	83	30197	No
227	GOM_NL__2PRFIN20071209_163736_000000362064_00083_30197_7514.N1	09-DEC-2007 16:37:36	Bright	36.000	39	85Eta UMa	1.8540	24000.	72	30197	No
228	GOM_NL__2PRFIN20071209_164043_000000392064_00083_30197_7515.N1	09-DEC-2007 16:40:43	Bright	39.000	180	27Gam Boo	3.0400	8000.0	78	30197	No
229	GOM_NL__2PRFIN20071209_164349_000000352064_00083_30197_7516.N1	09-DEC-2007 16:43:49	Bright	35.000	83		2.3780	11000.	70	30197	No
230	GOM_NL__2PRFIN20071209_164657_000000382064_00083_30197_7517.N1	09-DEC-2007 16:46:57	Bright	37.500	111	8Eta Boo	2.6800	6000.0	75	30197	No
231	GOM_NL__2PRFIN20071209_165619_000000462064_00083_30197_7518.N1	09-DEC-2007 16:56:19	Bright	46.000	15	67Alp Vir	0.97600	28000.	92	30197	No
232	GOM_NL__2PRFIN20071209_165946_000000432064_00083_30197_7519.N1	09-DEC-2007 16:59:46	Twilight	42.500	169	46Gam Hya	2.9910	4700.0	85	30197	No
233	GOM_NL__2PRFIN20071209_170147_000000482064_00083_30197_7520.N1	09-DEC-2007 17:01:47	Dark	48.000	106	9Bet Crv	2.6480	5600.0	96	30197	No
234	GOM_NL__2PRFIN20071209_170715_000000442064_00083_30197_7521.N1	09-DEC-2007 17:07:15	Dark	44.000	64	Gam Cen	2.2000	10600.	88	30197	No
235	GOM_NL__2PRFIN20071209_170846_000000402064_00083_30197_7522.N1	09-DEC-2007 17:08:46	Dark	40.000	99	Del Cen	2.5750	26000.	80	30197	No
236	GOM_NL__2PRFIN20071209_171215_000000452064_00084_30198_7509.N1	09-DEC-2007 17:12:15	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	30198	No
237	GOM_NL__2PRFIN20071209_171517_000000392064_00084_30198_7510.N1	09-DEC-2007 17:15:17	Dark	38.500	159	Ups Car	2.9200	7200.0	77	30198	No
238	GOM_NL__2PRFIN20071209_172055_000000462064_00084_30198_7511.N1	09-DEC-2007 17:20:55	Dark	46.000	34	Gam2Vel	1.7930	23000.	92	30198	No
239	GOM_NL__2PRFIN20071209_172335_000000482064_00084_30198_7512.N1	09-DEC-2007 17:23:35	Dark	48.000	2	Alp Car	-0.73600	7000.0	96	30198	No
240	GOM_NL__2PRFIN20071209_172947_000000442064_00084_30198_7513.N1	09-DEC-2007 17:29:47	Dark	43.500	108	Alp Col	2.6520	15200.	87	30198	No
241	GOM_NL__2PRFIN20071209_173503_000000472064_00084_30198_7514.N1	09-DEC-2007 17:35:03	Straylight	47.000	101	11Alp Lep	2.5820	7000.0	94	30198	No
242	GOM_NL__2PRFIN20071209_173819_000000592064_00084_30198_7515.N1	09-DEC-2007 17:38:19	Straylight	58.500	7	19Bet Ori	0.10000	14000.	117	30198	No
243	GOM_NL__2PRFIN20071209_174553_000000572064_00084_30198_7516.N1	09-DEC-2007 17:45:53	Bright	57.000	13	87Alp Tau	0.86700	3800.0	114	30198	No
244	GOM_NL__2PRFIN20071209_174749_000000382064_00084_30198_7517.N1	09-DEC-2007 17:47:49	Bright	38.000	146	25Eta Tau	2.8730	15200.	76	30198	No
245	GOM_NL__2PRFIN20071209_175004_000000362064_00084_30198_7518.N1	09-DEC-2007 17:50:04	Bright	36.000	150	44Zet Per	2.8900	28000.	72	30198	No
246	GOM_NL__2PRFIN20071209_175225_000000372064_00084_30198_7519.N1	09-DEC-2007 17:52:25	Bright	37.000	149	45Eps Per	2.8880	30000.	74	30198	No
247	GOM_NL__2PRFIN20071209_175433_000000352064_00084_30198_7520.N1	09-DEC-2007 17:54:33	Bright	35.000	175	39Del Per	3.0100	19400.	70	30198	No
248	GOM_NL__2PRFIN20071209_180613_000000362064_00084_30198_7521.N1	09-DEC-2007 18:06:13	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	30198	No
249	GOM_NL__2PRFIN20071209_181056_000000372064_00084_30198_7522.N1	09-DEC-2007 18:10:56	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	30198	No
250	GOM_NL__2PRFIN20071209_181551_000000412064_00084_30198_7523.N1	09-DEC-2007 18:15:51	Bright	41.000	32	77Eps UMa	1.7630	11000.	82	30198	No
251	GOM_NL__2PRFIN20071209_181812_000000392064_00084_30198_7524.N1	09-DEC-2007 18:18:12	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	30198	No
252	GOM_NL__2PRFIN20071209_182119_000000532064_00084_30198_7525.N1	09-DEC-2007 18:21:19	Bright	53.000	180	27Gam Boo	3.0400	8000.0	106	30198	No
253	GOM_NL__2PRFIN20071209_182425_000000362064_00084_30198_7526.N1	09-DEC-2007 18:24:25	Bright	35.500	83		2.3780	11000.	71	30198	No
254	GOM_NL__2PRFIN20071209_182733_000000382064_00084_30198_7527.N1	09-DEC-2007 18:27:33	Bright	37.500	111	8Eta Boo	2.6800	6000.0	75	30198	No
255	GOM_NL__2PRFIN20071209_183655_000000482064_00084_30198_7528.N1	09-DEC-2007 18:36:55	Bright	48.000	15	67Alp Vir	0.97600	28000.	96	30198	No
256	GOM_NL__2PRFIN20071209_184023_000000412064_00084_30198_7529.N1	09-DEC-2007 18:40:23	Twilight	41.000	169	46Gam Hya	2.9910	4700.0	82	30198	No
257	GOM_NL__2PRFIN20071209_184224_000000502064_00084_30198_7530.N1	09-DEC-2007 18:42:24	Dark	49.500	106	9Bet Crv	2.6480	5600.0	99	30198	No
258	GOM_NL__2PRFIN20071209_184751_000000422064_00084_30198_7531.N1	09-DEC-2007 18:47:51	Dark	42.000	64	Gam Cen	2.2000	10600.	84	30198	No
259	GOM_NL__2PRFIN20071209_184922_000000412064_00084_30198_7532.N1	09-DEC-2007 18:49:22	Dark	41.000	99	Del Cen	2.5750	26000.	82	30198	No
260	GOM_NL__2PRFIN20071209_185252_000000442064_00085_30199_7523.N1	09-DEC-2007 18:52:52	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	30199	No
261	GOM_NL__2PRFIN20071209_185553_000000402064_00085_30199_7524.N1	09-DEC-2007 18:55:53	Dark	39.500	159	Ups Car	2.9200	7200.0	79	30199	No
262	GOM_NL__2PRFIN20071209_190132_000000462064_00085_30199_7525.N1	09-DEC-2007 19:01:32	Dark	46.000	34	Gam2Vel	1.7930	23000.	92	30199	No
263	GOM_NL__2PRFIN20071209_190411_000000522064_00085_30199_7526.N1	09-DEC-2007 19:04:11	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	30199	No
264	GOM_NL__2PRFIN20071209_191023_000000452064_00085_30199_7527.N1	09-DEC-2007 19:10:23	Straylight	44.500	108	Alp Col	2.6520	15200.	89	30199	No
265	GOM_NL__2PRFIN20071209_191539_000000462064_00085_30199_7528.N1	09-DEC-2007 19:15:39	Straylight	46.000	101	11Alp Lep	2.5820	7000.0	92	30199	No
266	GOM_NL__2PRFIN20071209_191855_000000502064_00085_30199_7529.N1	09-DEC-2007 19:18:55	Straylight	49.500	7	19Bet Ori	0.10000	14000.	99	30199	No
267	GOM_NL__2PRFIN20071209_192629_000000552064_00085_30199_7530.N1	09-DEC-2007 19:26:29	Twi_and_stray	54.500	13	87Alp Tau	0.86700	3800.0	109	30199	No
268	GOM_NL__2PRFIN20071209_192825_000000372064_00085_30199_7531.N1	09-DEC-2007 19:28:25	Bright	37.000	146	25Eta Tau	2.8730	15200.	74	30199	No
269	GOM_NL__2PRFIN20071209_193040_000000372064_00085_30199_7532.N1	09-DEC-2007 19:30:40	Bright	36.500	150	44Zet Per	2.8900	28000.	73	30199	No
270	GOM_NL__2PRFIN20071209_193301_000000352064_00085_30199_7533.N1	09-DEC-2007 19:33:01	Bright	35.000	149	45Eps Per	2.8880	30000.	70	30199	No
271	GOM_NL__2PRFIN20071209_193509_000000342064_00085_30199_7534.N1	09-DEC-2007 19:35:09	Bright	33.500	175	39Del Per	3.0100	19400.	67	30199	No
272	GOM_NL__2PRFIN20071209_194649_000000372064_00085_30199_7535.N1	09-DEC-2007 19:46:49	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	30199	No
273	GOM_NL__2PRFIN20071209_195132_000000332064_00085_30199_7536.N1	09-DEC-2007 19:51:32	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	30199	No
274	GOM_NL__2PRFIN20071209_195627_000000402064_00085_30199_7537.N1	09-DEC-2007 19:56:27	Bright	40.000	32	77Eps UMa	1.7630	11000.	80	30199	No
275	GOM_NL__2PRFIN20071209_195848_000000372064_00085_30199_7538.N1	09-DEC-2007 19:58:48	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	30199	No
276	GOM_NL__2PRFIN20071209_200155_000000352064_00085_30199_7539.N1	09-DEC-2007 20:01:55	Bright	35.000	180	27Gam Boo	3.0400	8000.0	70	30199	No
277	GOM_NL__2PRFIN20071209_200501_000000352064_00085_30199_7540.N1	09-DEC-2007 20:05:01	Bright	35.000	83		2.3780	11000.	70	30199	No
278	GOM_NL__2PRFIN20071209_200810_000000392064_00085_30199_7541.N1	09-DEC-2007 20:08:10	Bright	39.000	111	8Eta Boo	2.6800	6000.0	78	30199	No

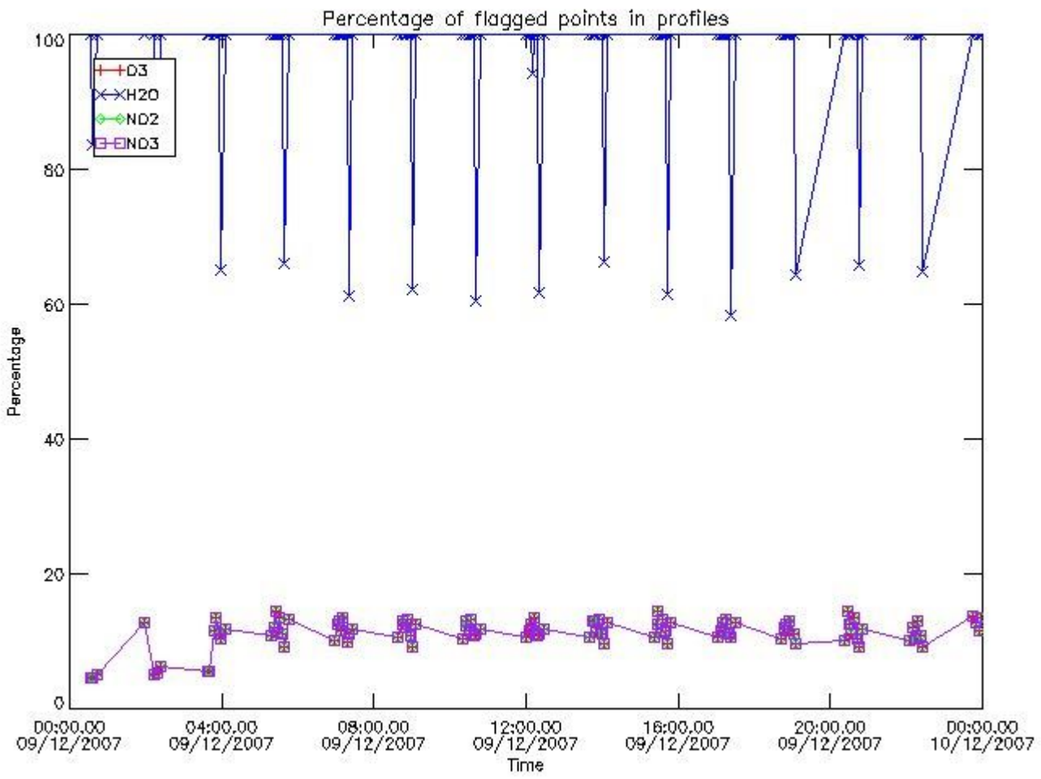
279	GOM_NL__2PRFIN20071209_201732_000000492064_00085_30199_7542.N1	09-DEC-2007 20:17:32	Bright	48.500	15	67Alp Vir	0.97600	28000.	97	30199	No
280	GOM_NL__2PRFIN20071209_202059_000000422064_00085_30199_7543.N1	09-DEC-2007 20:20:59	Twilight	42.000	169	46Gam Hya	2.9910	4700.0	84	30199	No
281	GOM_NL__2PRFIN20071209_202300_000000502064_00085_30199_7544.N1	09-DEC-2007 20:23:00	Dark	50.000	106	9Bet Crv	2.6480	5600.0	100	30199	No
282	GOM_NL__2PRFIN20071209_202828_000000392064_00085_30199_7545.N1	09-DEC-2007 20:28:28	Dark	39.000	64	Gam Cen	2.2000	10600.	78	30199	No
283	GOM_NL__2PRFIN20071209_202959_000000412064_00085_30199_7546.N1	09-DEC-2007 20:29:59	Dark	40.500	99	Del Cen	2.5750	26000.	81	30199	No
284	GOM_NL__2PRFIN20071209_203329_000000462064_00086_30200_7543.N1	09-DEC-2007 20:33:29	Dark	45.500	113	Mu Vel	2.6920	5000.0	91	30200	No
285	GOM_NL__2PRFIN20071209_203630_000000382064_00086_30200_7544.N1	09-DEC-2007 20:36:30	Dark	38.000	159	Ups Car	2.9200	7200.0	76	30200	No
286	GOM_NL__2PRFIN20071209_204208_000000502064_00086_30200_7545.N1	09-DEC-2007 20:42:08	Dark	49.500	34	Gam2Vel	1.7930	23000.	99	30200	No
287	GOM_NL__2PRFIN20071209_204448_000000562064_00086_30200_7546.N1	09-DEC-2007 20:44:48	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	30200	No
288	GOM_NL__2PRFIN20071209_205100_000000432064_00086_30200_7547.N1	09-DEC-2007 20:51:00	Dark	43.000	108	Alp Col	2.6520	15200.	86	30200	No
289	GOM_NL__2PRFIN20071209_205615_000000492064_00086_30200_7548.N1	09-DEC-2007 20:56:15	Straylight	48.500	101	11Alp Lep	2.5820	7000.0	97	30200	No
290	GOM_NL__2PRFIN20071209_205931_000000592064_00086_30200_7549.N1	09-DEC-2007 20:59:31	Straylight	59.000	7	19Bet Ori	0.10000	14000.	118	30200	No
291	GOM_NL__2PRFIN20071209_210704_000000572064_00086_30200_7550.N1	09-DEC-2007 21:07:04	Bright	57.000	13	87Alp Tau	0.86700	3800.0	114	30200	No
292	GOM_NL__2PRFIN20071209_210901_000000352064_00086_30200_7551.N1	09-DEC-2007 21:09:01	Bright	35.000	146	25Eta Tau	2.8730	15200.	70	30200	No
293	GOM_NL__2PRFIN20071209_211116_000000362064_00086_30200_7552.N1	09-DEC-2007 21:11:16	Bright	35.500	150	44Zet Per	2.8900	28000.	71	30200	No
294	GOM_NL__2PRFIN20071209_211337_000000542064_00086_30200_7553.N1	09-DEC-2007 21:13:37	Bright	54.000	149	45Eps Per	2.8880	30000.	108	30200	No
295	GOM_NL__2PRFIN20071209_211545_000000342064_00086_30200_7554.N1	09-DEC-2007 21:15:45	Bright	34.000	175	39Del Per	3.0100	19400.	68	30200	No
296	GOM_NL__2PRFIN20071209_212725_000000362064_00086_30200_7555.N1	09-DEC-2007 21:27:25	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	30200	No
297	GOM_NL__2PRFIN20071209_213208_000000382064_00086_30200_7556.N1	09-DEC-2007 21:32:08	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	30200	No
298	GOM_NL__2PRFIN20071209_213703_000000412064_00086_30200_7557.N1	09-DEC-2007 21:37:03	Bright	41.000	32	77Eps UMa	1.7630	11000.	82	30200	No
299	GOM_NL__2PRFIN20071209_213923_000000362064_00086_30200_7558.N1	09-DEC-2007 21:39:23	Bright	36.000	39	85Eta UMa	1.8540	24000.	72	30200	No
300	GOM_NL__2PRFIN20071209_214231_000000532064_00086_30200_7559.N1	09-DEC-2007 21:42:31	Bright	53.000	180	27Gam Boo	3.0400	8000.0	106	30200	No
301	GOM_NL__2PRFIN20071209_214537_000000362064_00086_30200_7560.N1	09-DEC-2007 21:45:37	Bright	35.500	83		2.3780	11000.	71	30200	No
302	GOM_NL__2PRFIN20071209_214846_000000532064_00086_30200_7561.N1	09-DEC-2007 21:48:46	Bright	52.500	111	8Eta Boo	2.6800	6000.0	105	30200	No
303	GOM_NL__2PRFIN20071209_215808_000000462064_00086_30200_7562.N1	09-DEC-2007 21:58:08	Bright	46.000	15	67Alp Vir	0.97600	28000.	92	30200	No
304	GOM_NL__2PRFIN20071209_220136_000000402064_00086_30200_7563.N1	09-DEC-2007 22:01:36	Twilight	40.000	169	46Gam Hya	2.9910	4700.0	80	30200	No
305	GOM_NL__2PRFIN20071209_220337_000000502064_00086_30200_7564.N1	09-DEC-2007 22:03:37	Dark	50.000	106	9Bet Crv	2.6480	5600.0	100	30200	No
306	GOM_NL__2PRFIN20071209_220904_000000422064_00086_30200_7565.N1	09-DEC-2007 22:09:04	Dark	42.000	64	Gam Cen	2.2000	10600.	84	30200	No
307	GOM_NL__2PRFIN20071209_221406_000000502064_00087_30201_7574.N1	09-DEC-2007 22:14:06	Dark	49.500	113	Mu Vel	2.6920	5000.0	99	30201	No
308	GOM_NL__2PRFIN20071209_221706_000000392064_00087_30201_7575.N1	09-DEC-2007 22:17:06	Dark	39.000	159	Ups Car	2.9200	7200.0	78	30201	No
309	GOM_NL__2PRFIN20071209_222245_000000472064_00087_30201_7576.N1	09-DEC-2007 22:22:45	Dark	46.500	34	Gam2Vel	1.7930	23000.	93	30201	No
310	GOM_NL__2PRFIN20071209_222524_000000562064_00087_30201_7577.N1	09-DEC-2007 22:25:24	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	30201	No
311	GOM_NL__2PRFIN20071209_223136_000000452064_00087_30201_7578.N1	09-DEC-2007 22:31:36	Straylight	44.500	108	Alp Col	2.6520	15200.	89	30201	No
312	GOM_NL__2PRFIN20071209_223651_000000472064_00087_30201_7579.N1	09-DEC-2007 22:36:51	Straylight	46.500	101	11Alp Lep	2.5820	7000.0	93	30201	No
313	GOM_NL__2PRFIN20071209_224007_000000582064_00087_30201_7580.N1	09-DEC-2007 22:40:07	Straylight	57.500	7	19Bet Ori	0.10000	14000.	115	30201	No
314	GOM_NL__2PRFIN20071209_224740_000000572064_00087_30201_7581.N1	09-DEC-2007 22:47:40	Twi_and_stray	56.500	13	87Alp Tau	0.86700	3800.0	113	30201	No
315	GOM_NL__2PRFIN20071209_224937_000000472064_00087_30201_7582.N1	09-DEC-2007 22:49:37	Bright	46.500	146	25Eta Tau	2.8730	15200.	93	30201	No
316	GOM_NL__2PRFIN20071209_225152_000000362064_00087_30201_7583.N1	09-DEC-2007 22:51:52	Bright	35.500	150	44Zet Per	2.8900	28000.	71	30201	No
317	GOM_NL__2PRFIN20071209_225413_000000362064_00087_30201_7584.N1	09-DEC-2007 22:54:13	Bright	36.000	149	45Eps Per	2.8880	30000.	72	30201	No
318	GOM_NL__2PRFIN20071209_225621_000000532064_00087_30201_7585.N1	09-DEC-2007 22:56:21	Bright	53.000	175	39Del Per	3.0100	19400.	106	30201	No
319	GOM_NL__2PRFIN20071209_230800_000000372064_00087_30201_7586.N1	09-DEC-2007 23:08:00	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	30201	No
320	GOM_NL__2PRFIN20071209_231244_000000372064_00087_30201_7587.N1	09-DEC-2007 23:12:44	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	30201	No
321	GOM_NL__2PRFIN20071209_231739_000000422064_00087_30201_7588.N1	09-DEC-2007 23:17:39	Bright	41.500	32	77Eps UMa	1.7630	11000.	83	30201	No
322	GOM_NL__2PRFIN20071209_231959_000000552064_00087_30201_7589.N1	09-DEC-2007 23:19:59	Bright	55.000	39	85Eta UMa	1.8540	24000.	110	30201	No
323	GOM_NL__2PRFIN20071209_232307_000000362064_00087_30201_7590.N1	09-DEC-2007 23:23:07	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	30201	No
324	GOM_NL__2PRFIN20071209_232613_000000362064_00087_30201_7591.N1	09-DEC-2007 23:26:13	Bright	35.500	83		2.3780	11000.	71	30201	No
325	GOM_NL__2PRFIN20071209_232922_000000382064_00087_30201_7592.N1	09-DEC-2007 23:29:22	Bright	37.500	111	8Eta Boo	2.6800	6000.0	75	30201	No
326	GOM_NL__2PRFIN20071209_233845_000000472064_00087_30201_7593.N1	09-DEC-2007 23:38:45	Bright	47.000	15	67Alp Vir	0.97600	28000.	94	30201	No
327	GOM_NL__2PRFIN20071209_234212_000000462064_00087_30201_7594.N1	09-DEC-2007 23:42:12	Twilight	45.500	169	46Gam Hya	2.9910	4700.0	91	30201	No
328	GOM_NL__2PRFIN20071209_234414_000000452064_00087_30201_7595.N1	09-DEC-2007 23:44:14	Dark	44.500	106	9Bet Crv	2.6480	5600.0	89	30201	No
329	GOM_NL__2PRFIN20071209_234941_000000402064_00087_30201_7596.N1	09-DEC-2007 23:49:41	Dark	40.000	64	Gam Cen	2.2000	10600.	80	30201	No
330	GOM_NL__2PRFIN20071209_235442_000000442064_00088_30202_7579.N1	09-DEC-2007 23:54:42	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	30202	No
331	GOM_NL__2PRFIN20071209_235743_000000382064_00088_30202_7580.N1	09-DEC-2007 23:57:43	Dark	38.000	159	Ups Car	2.9200	7200.0	76	30202	No

3. Quality information per product

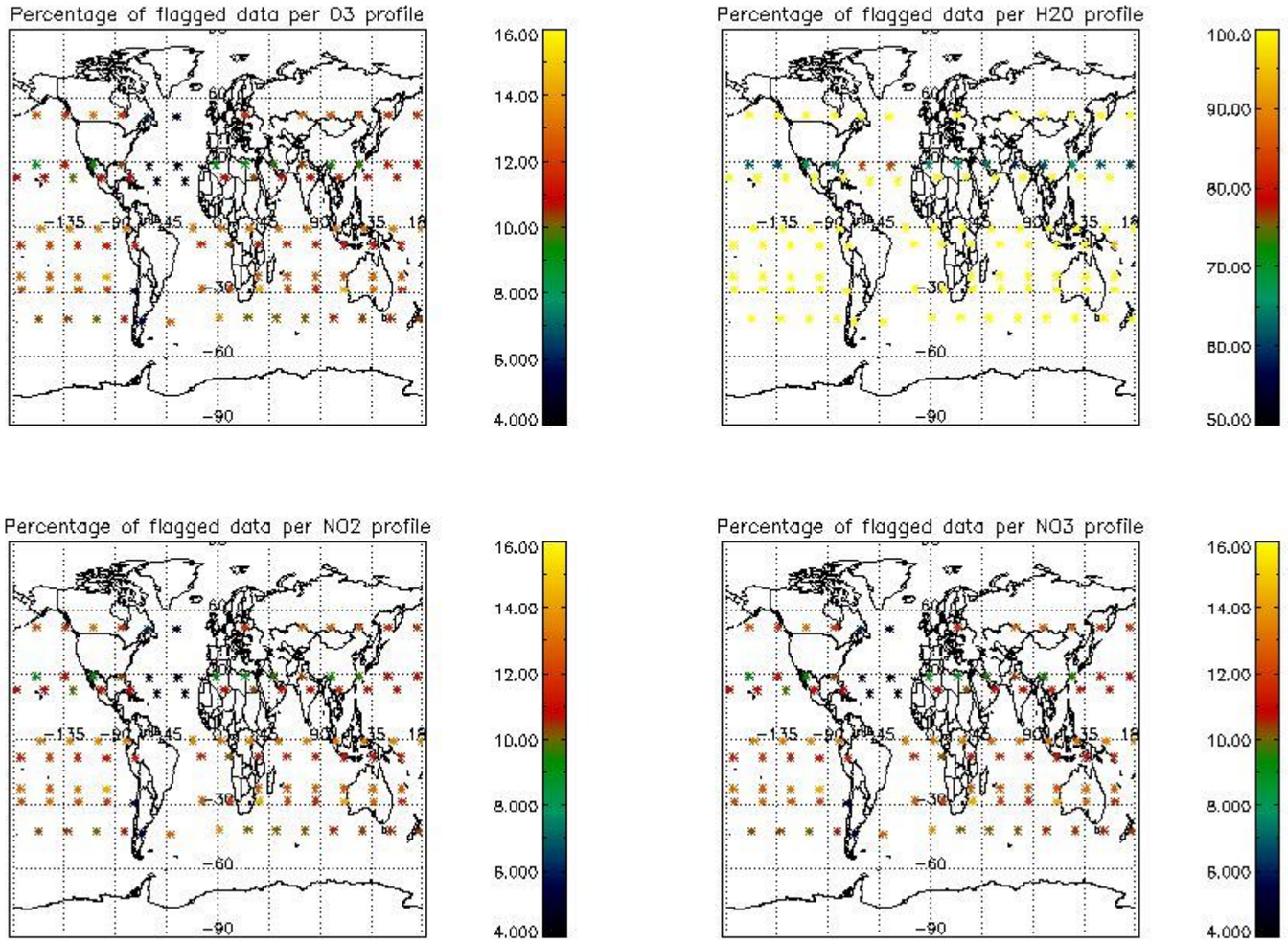
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in

the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)



3.2 Plot quality information per product (world map)

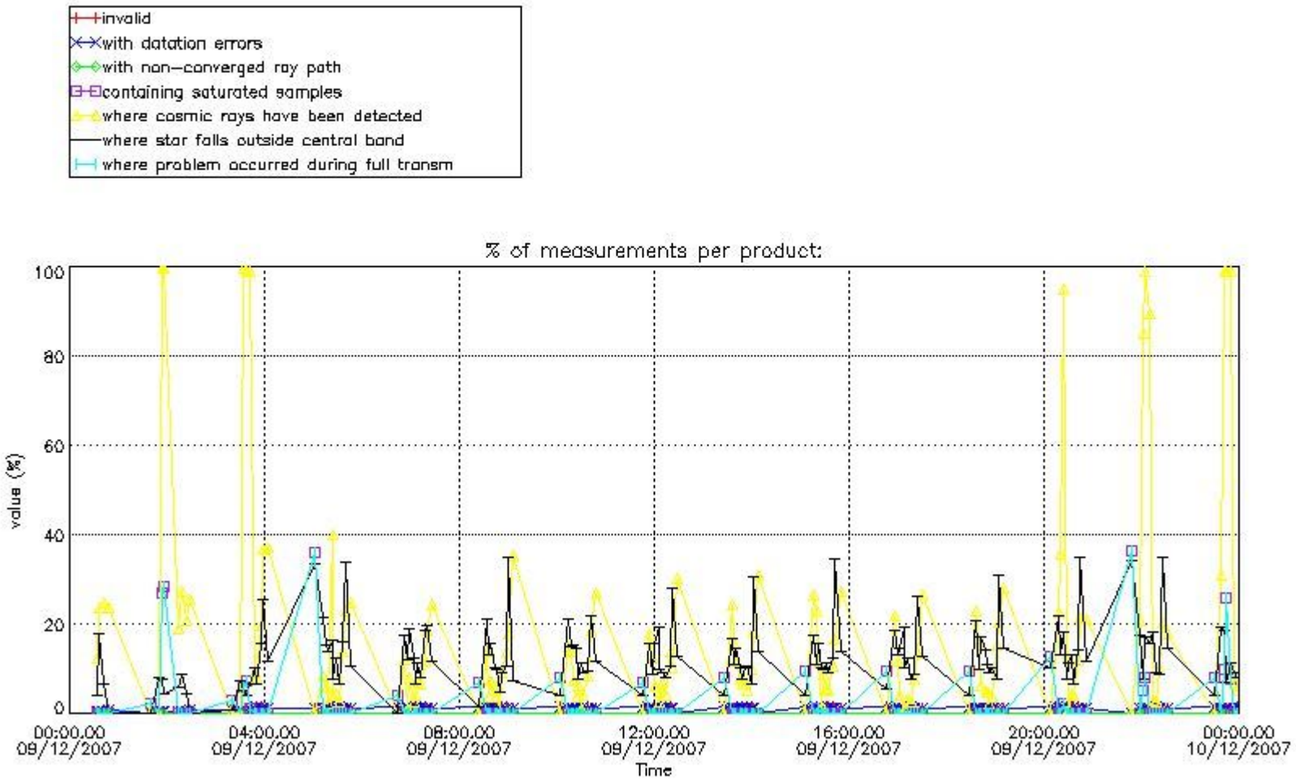


4. Level 1 quality information per product

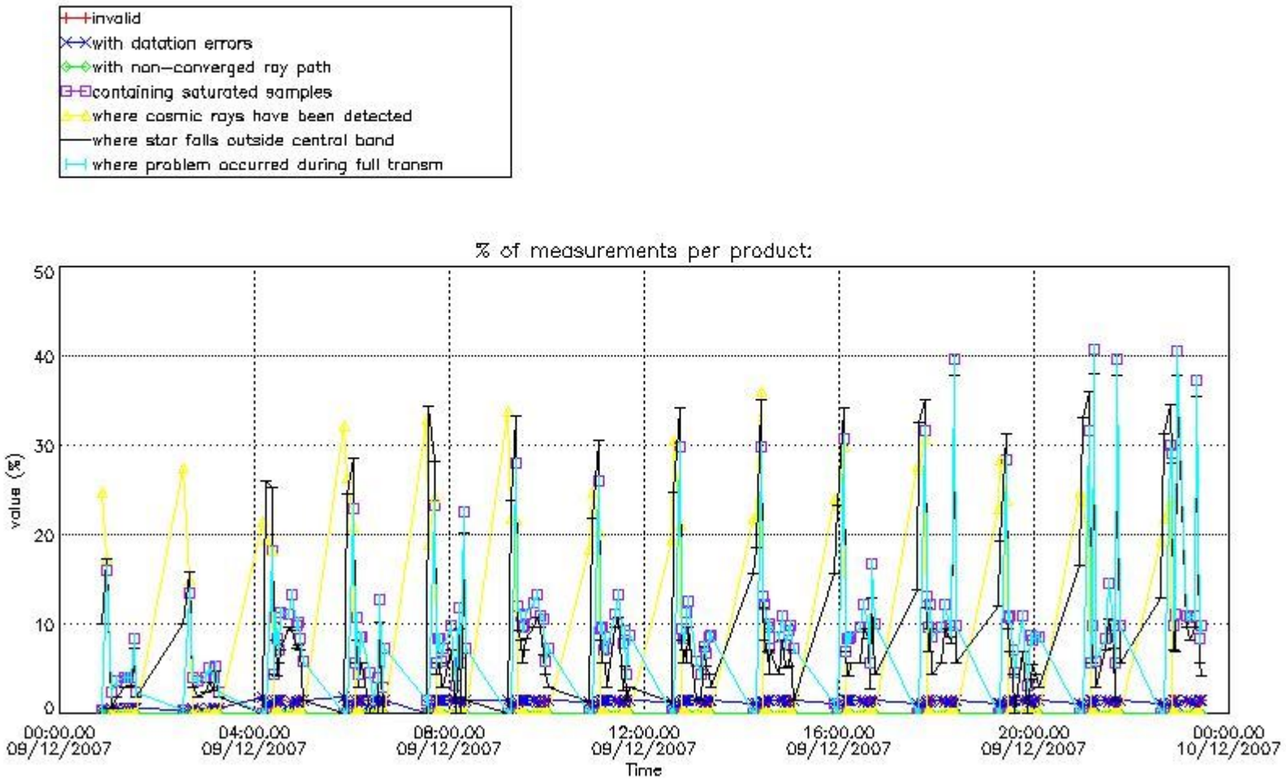
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processsing. Products without errors (error flag in the MPH set to "0") are used.

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

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

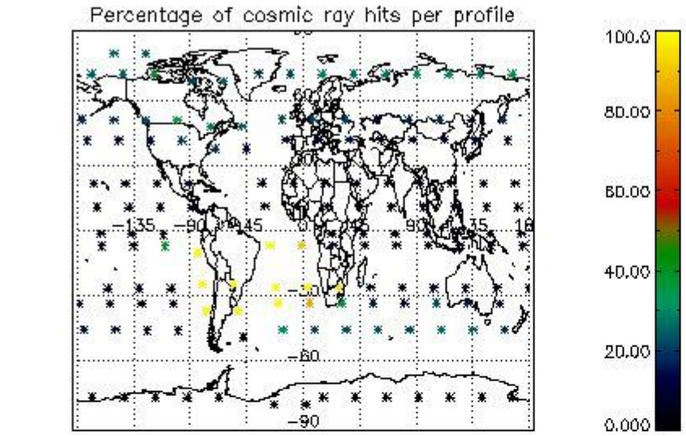


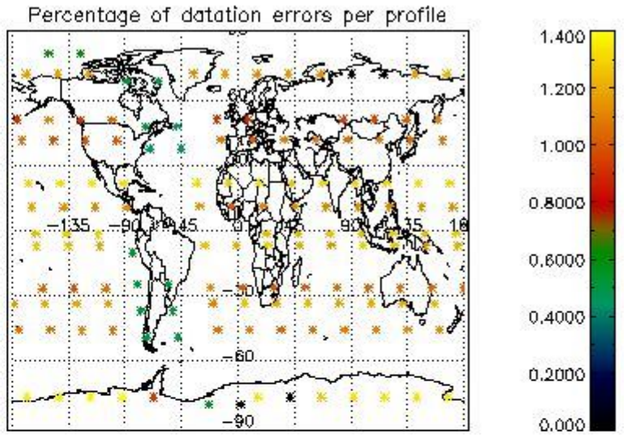
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes

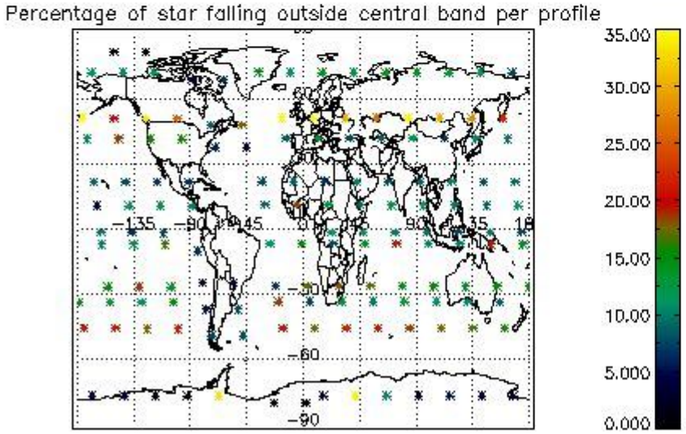


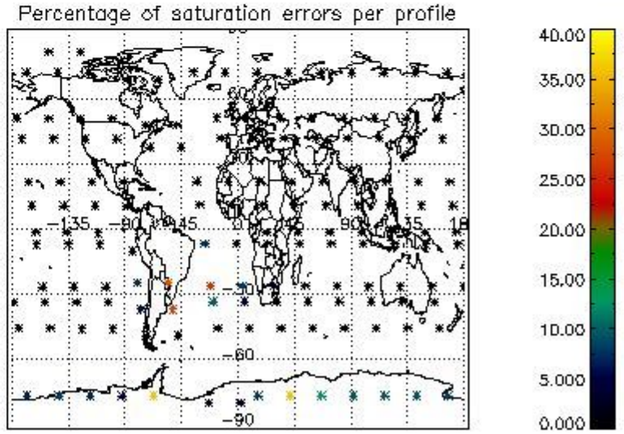
4.2 Plot quality information per product comming from level 1b processing (world map)

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

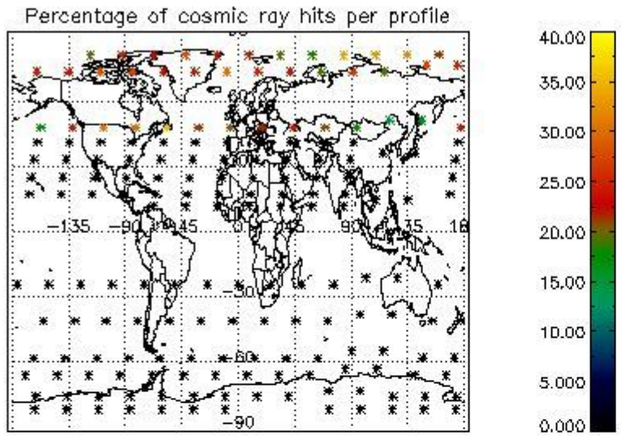


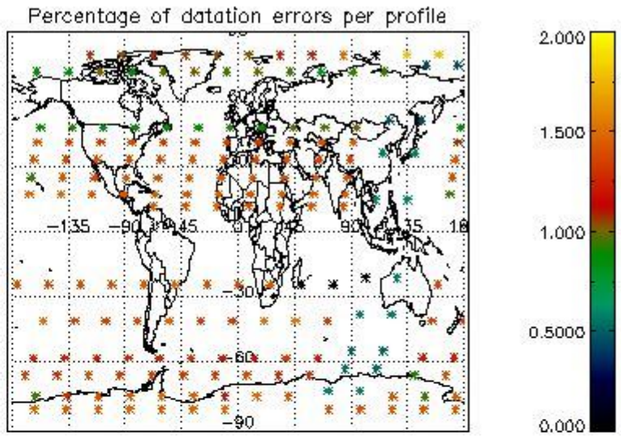


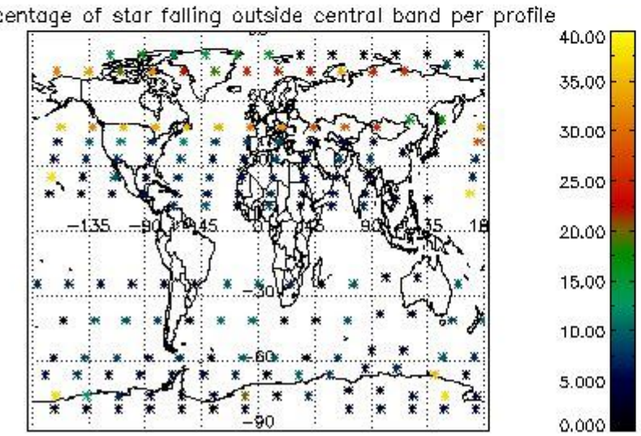


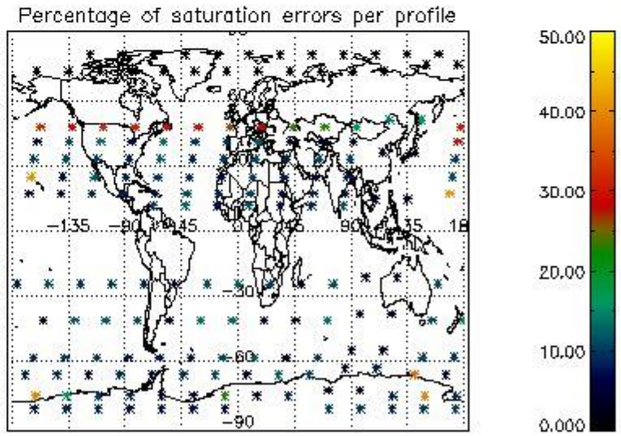


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes









5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

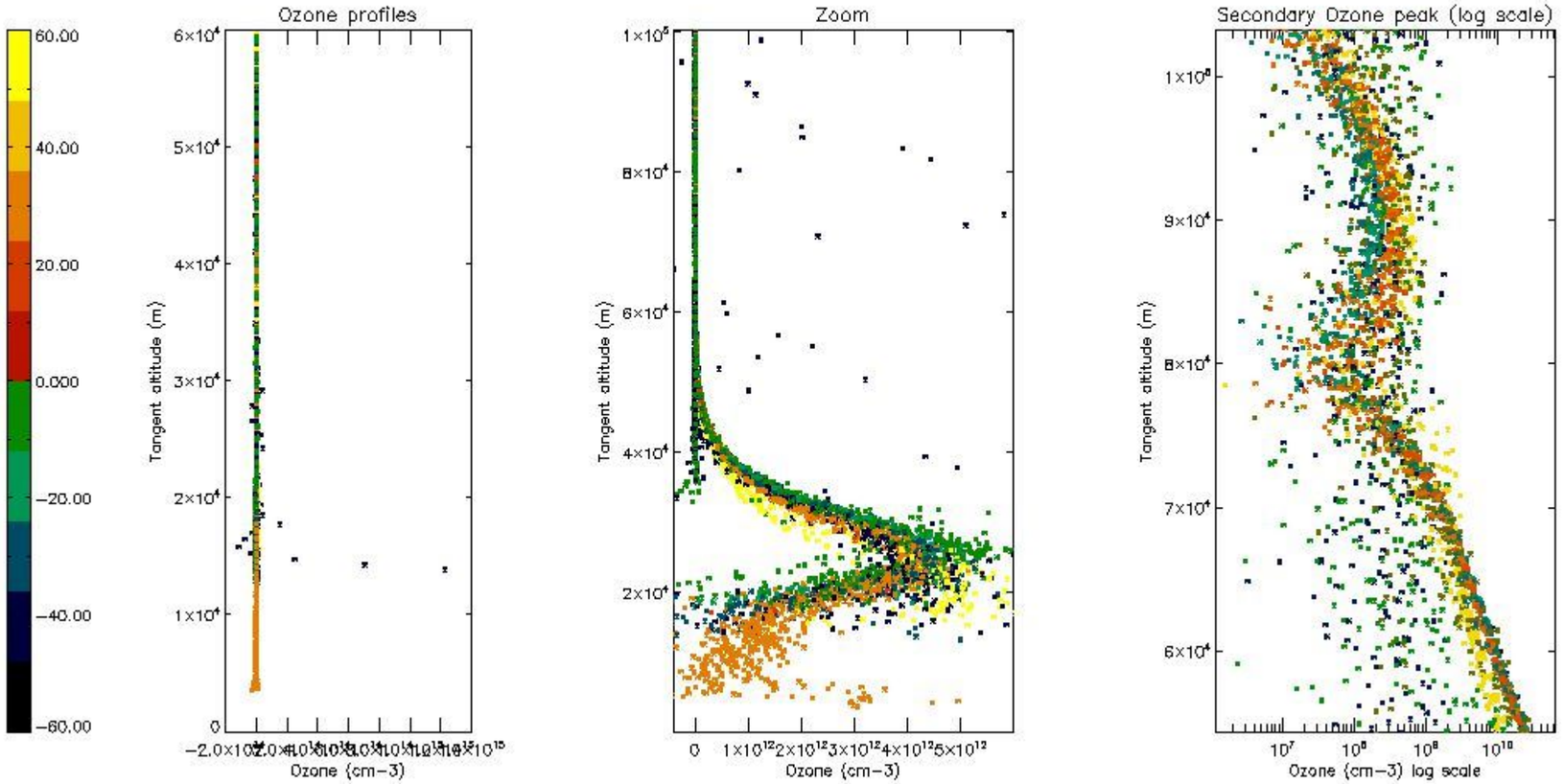
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	33
STD < 20	15

STD < 10	12
STD < 5	7

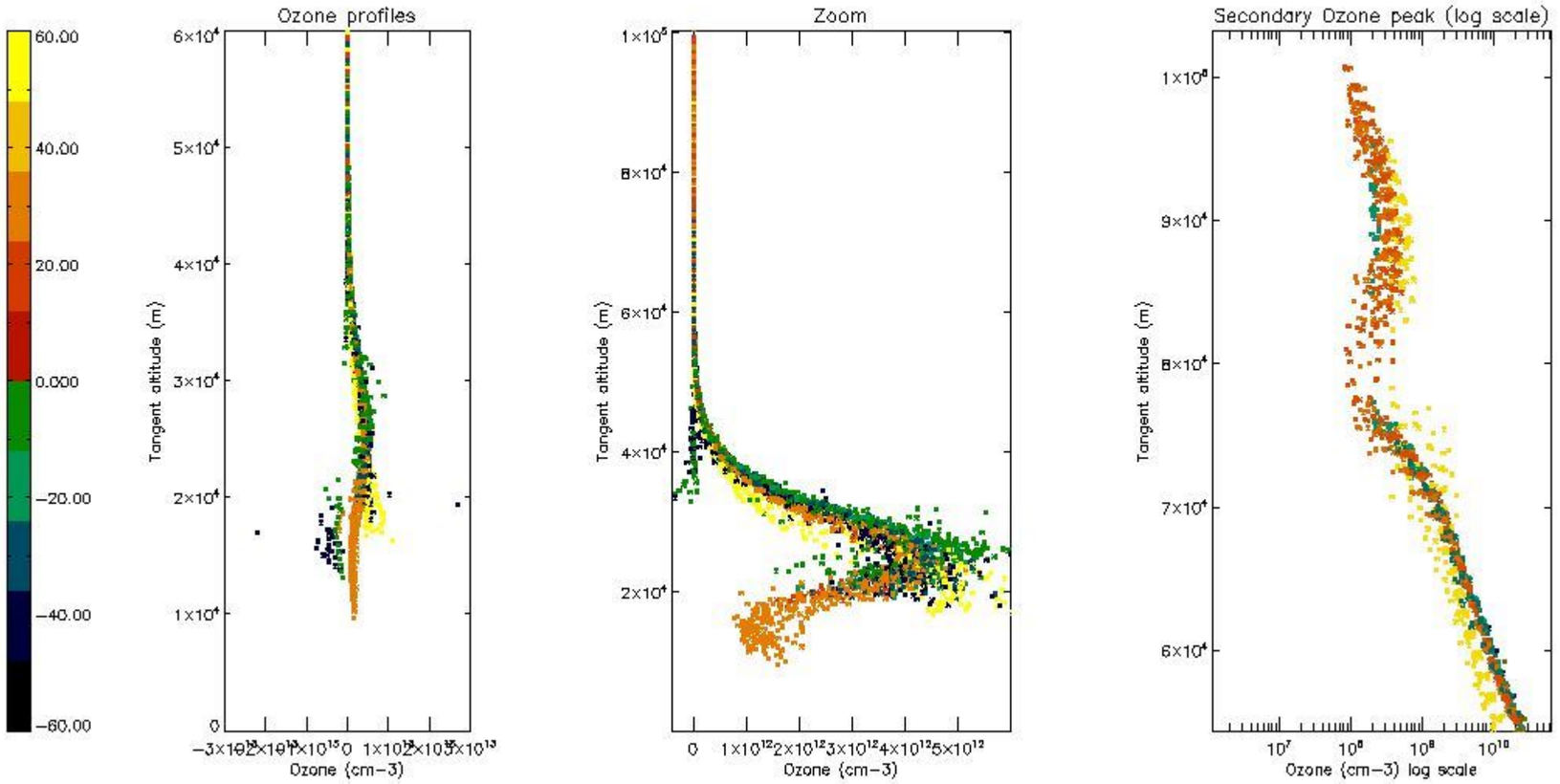
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



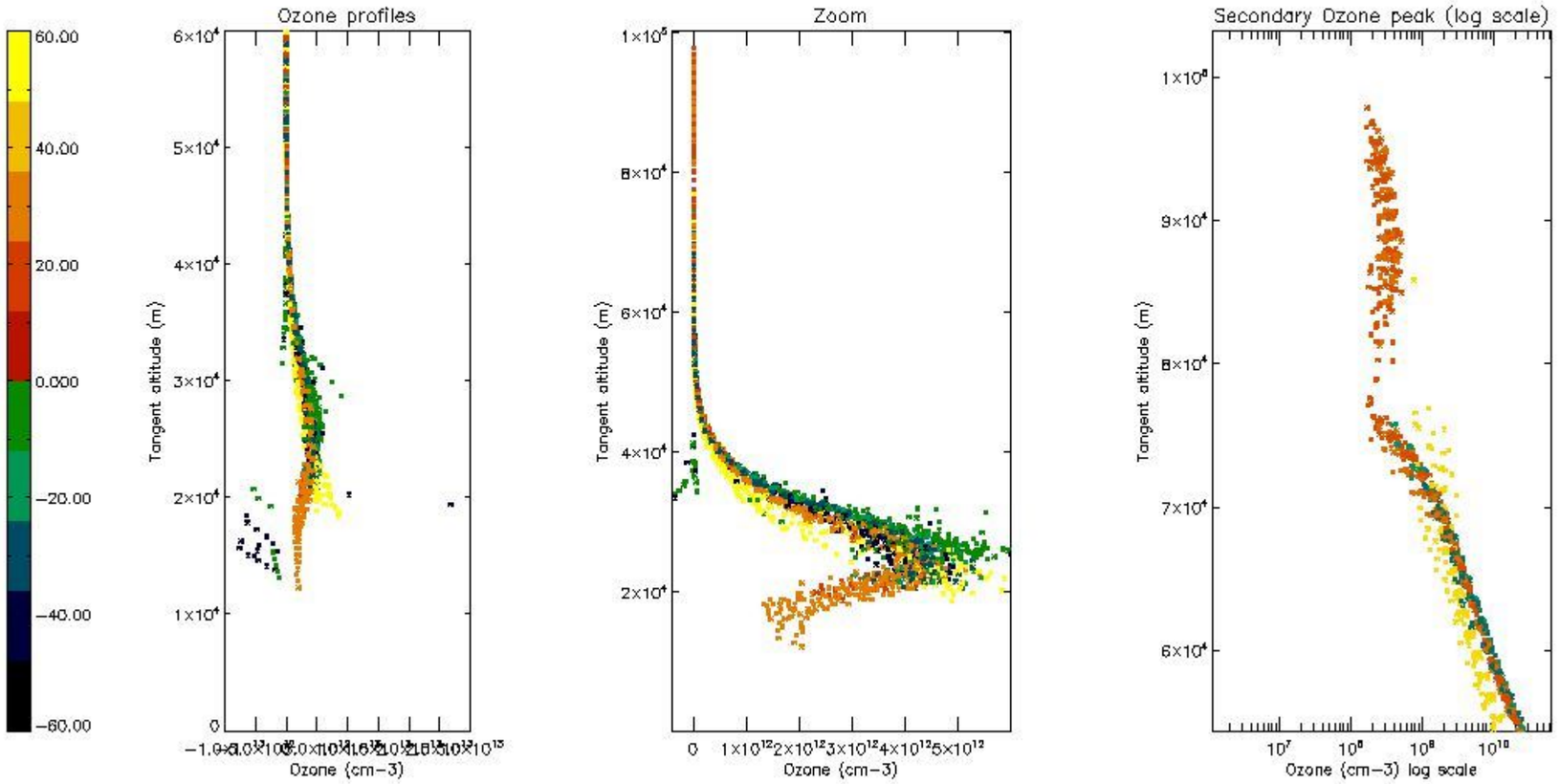
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



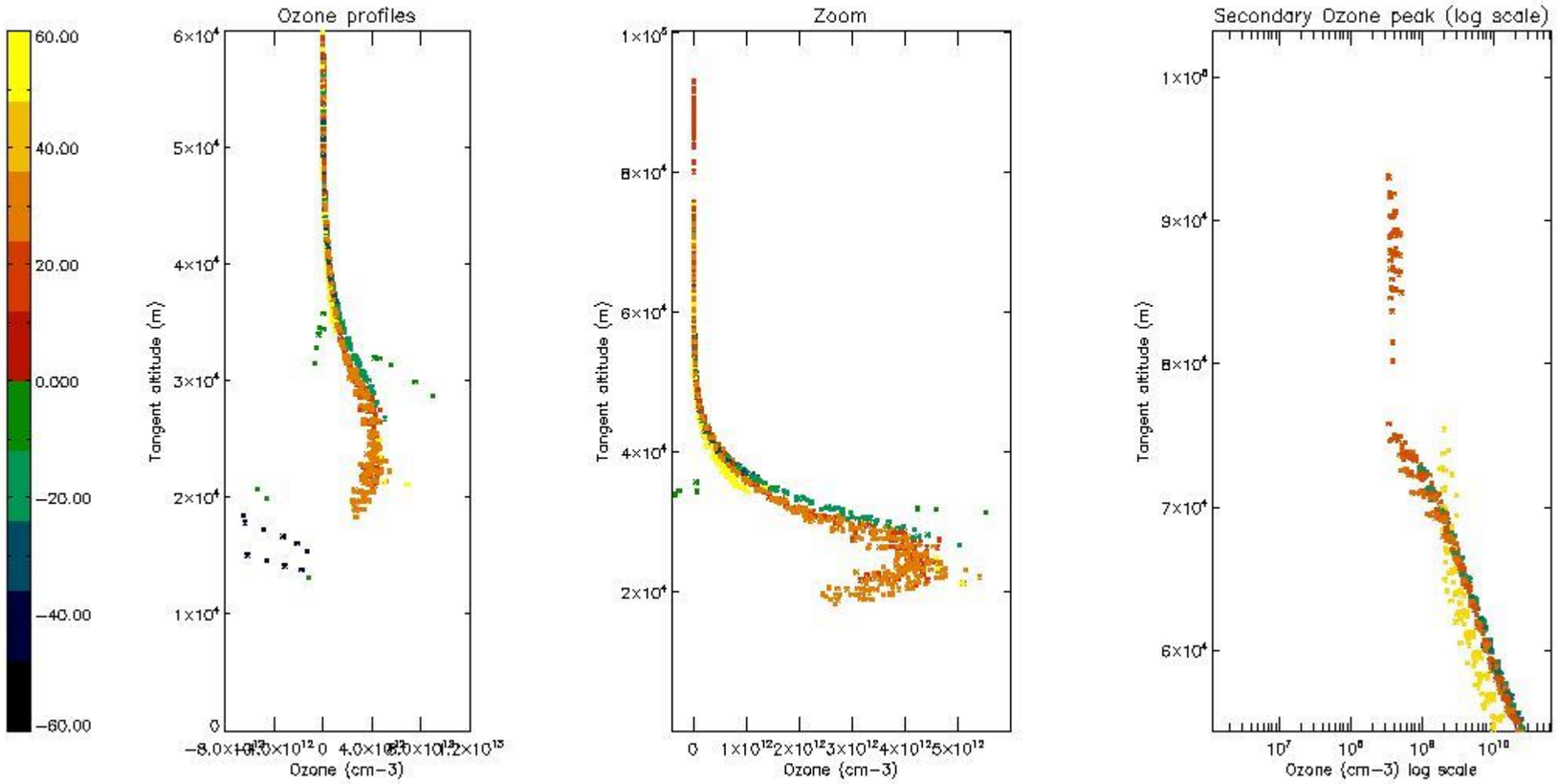
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



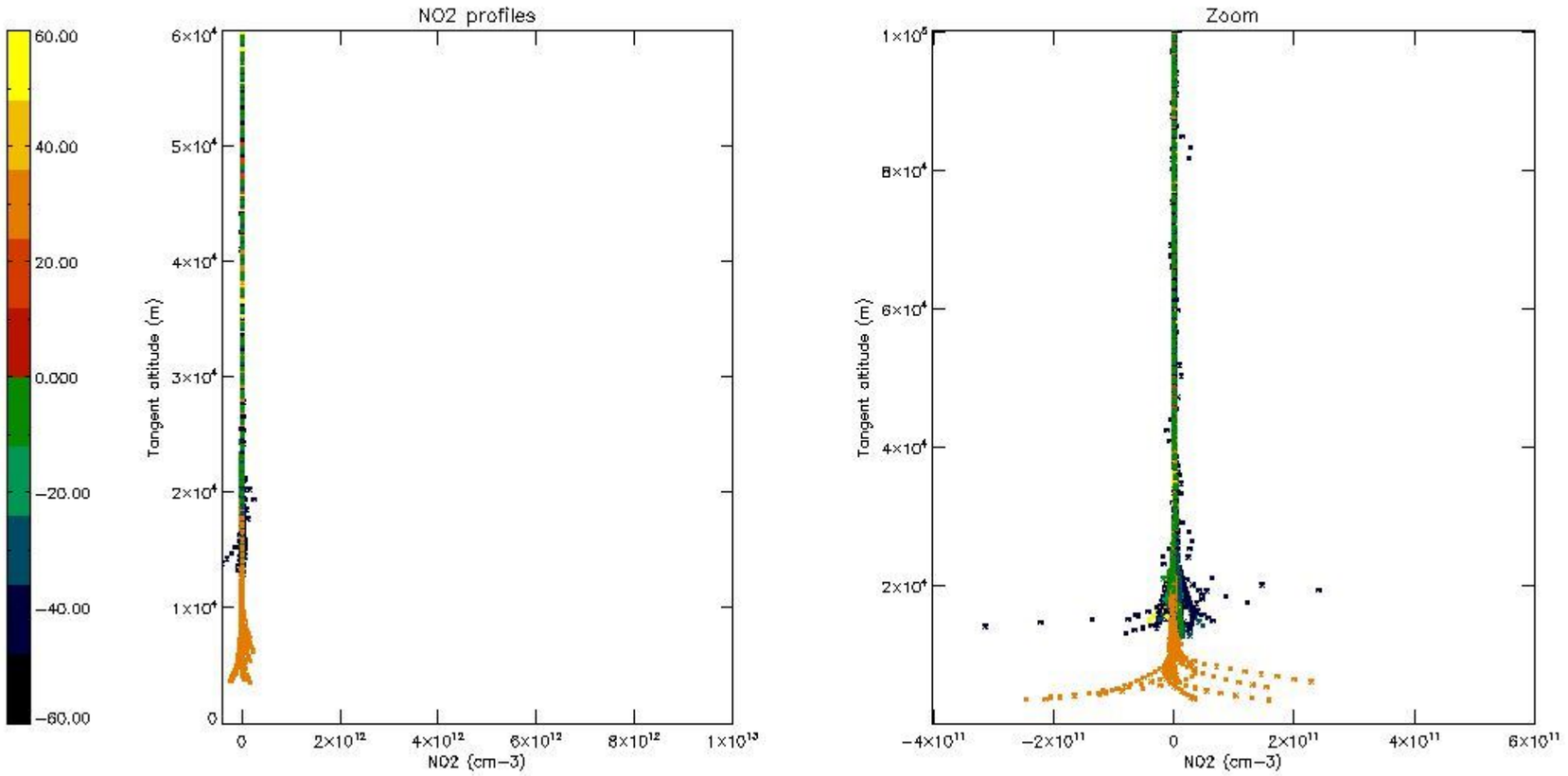
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



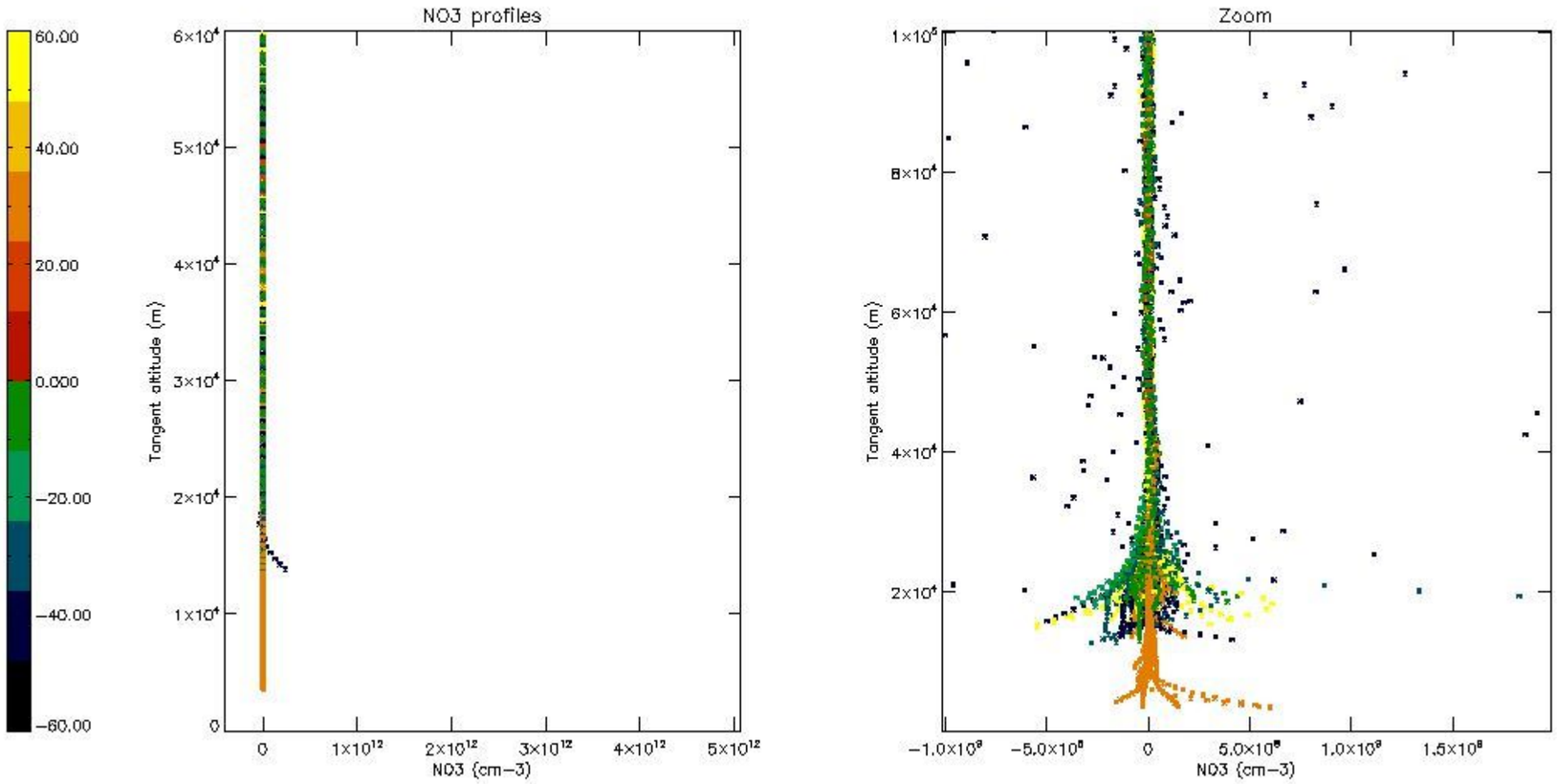
5.6 Plot NO2 profiles for all STD (dark without errors)

The colorbar represents the latitude.



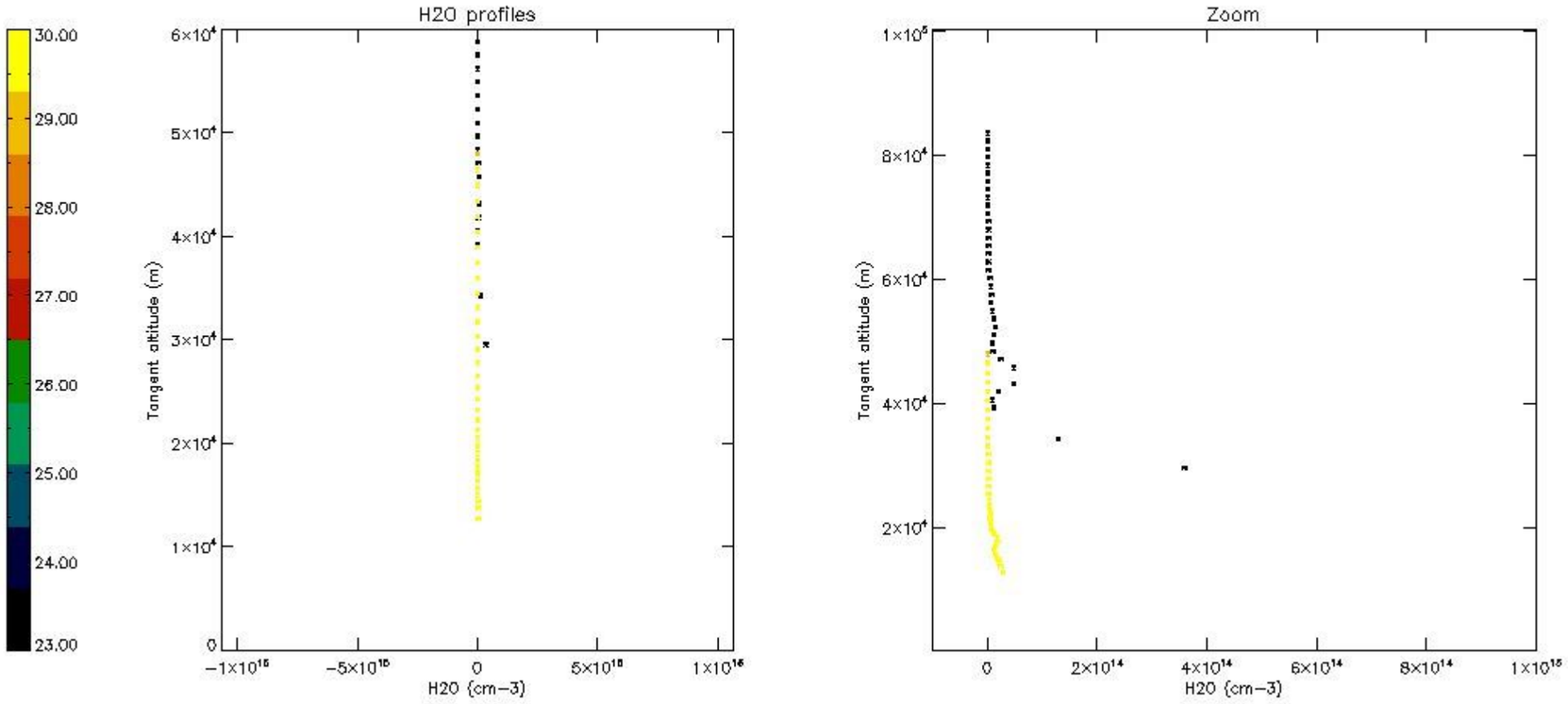
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

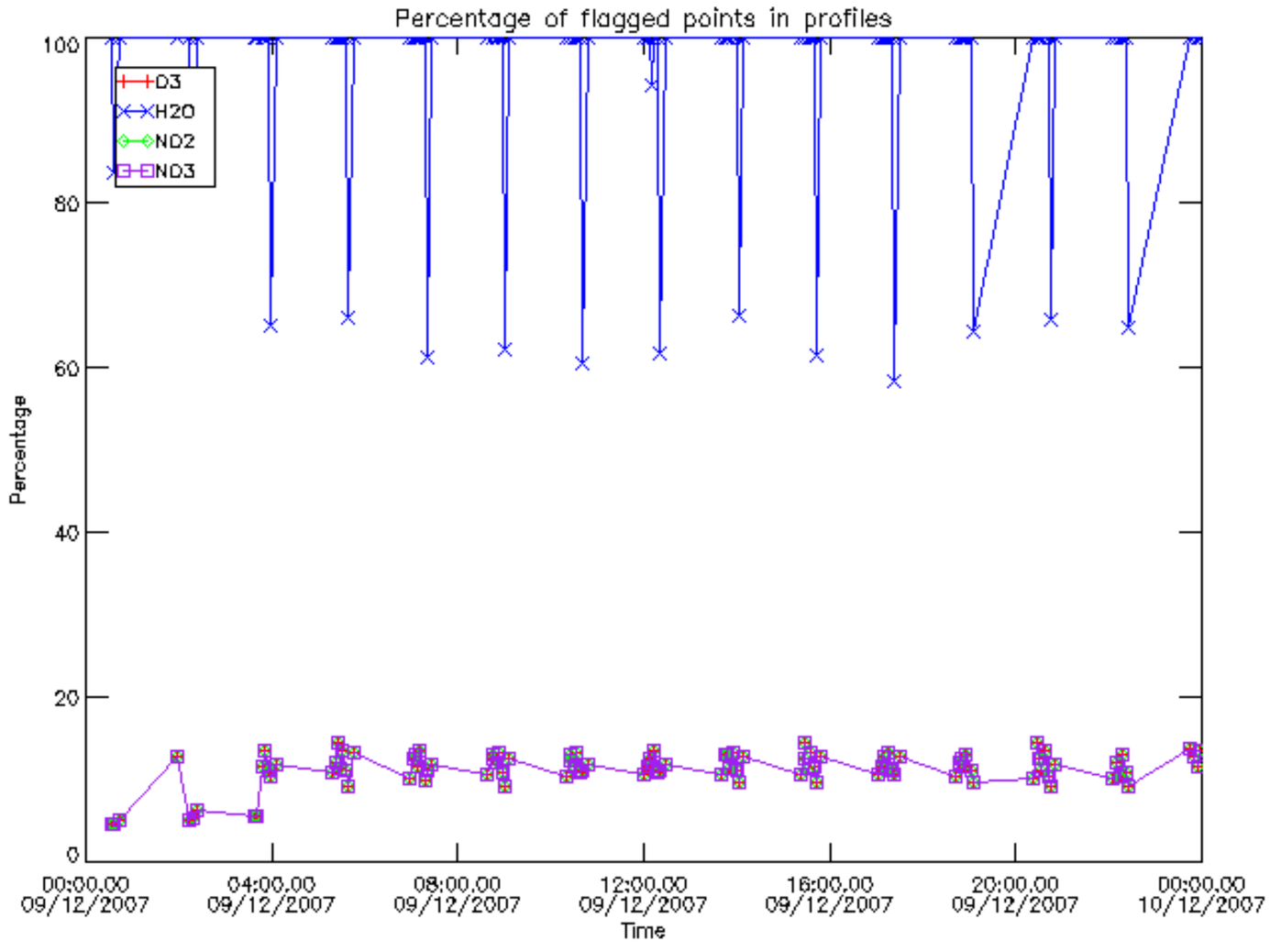
The colorbar represents the latitude.

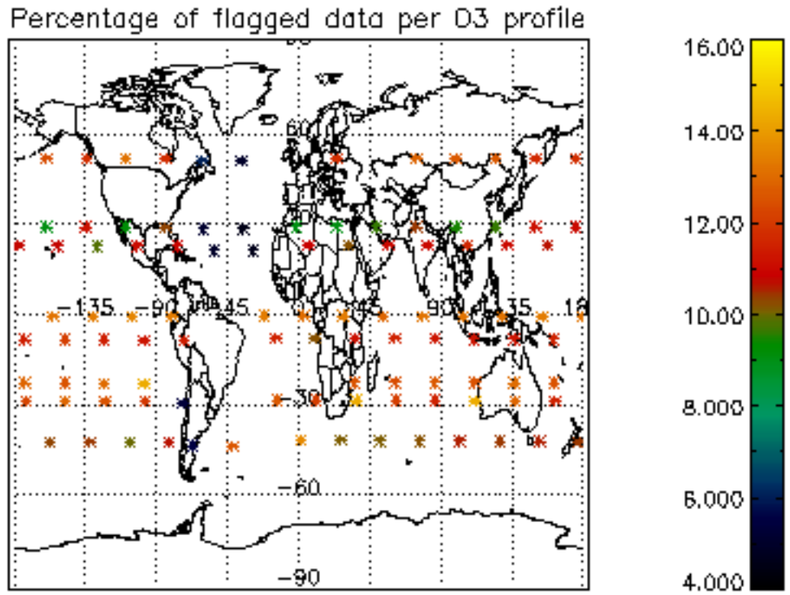


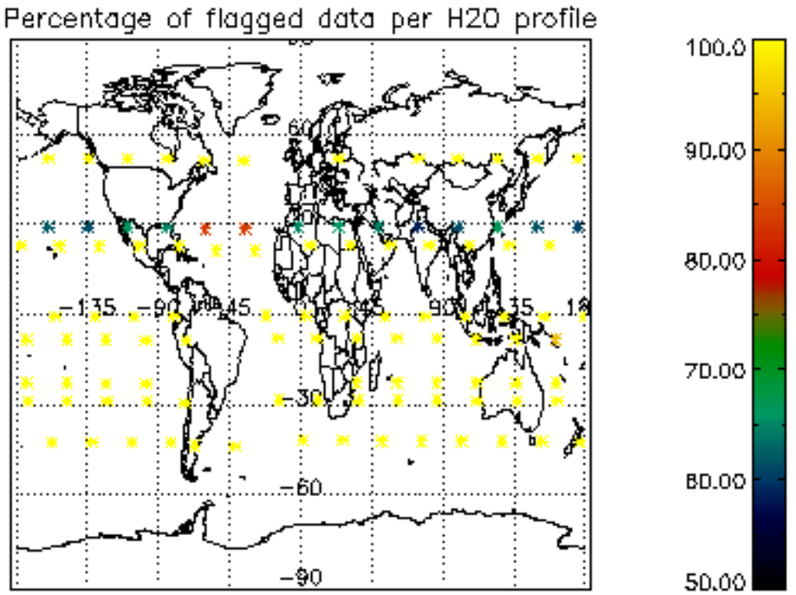
6. Auxiliary Data Files used for the production reported in section 2

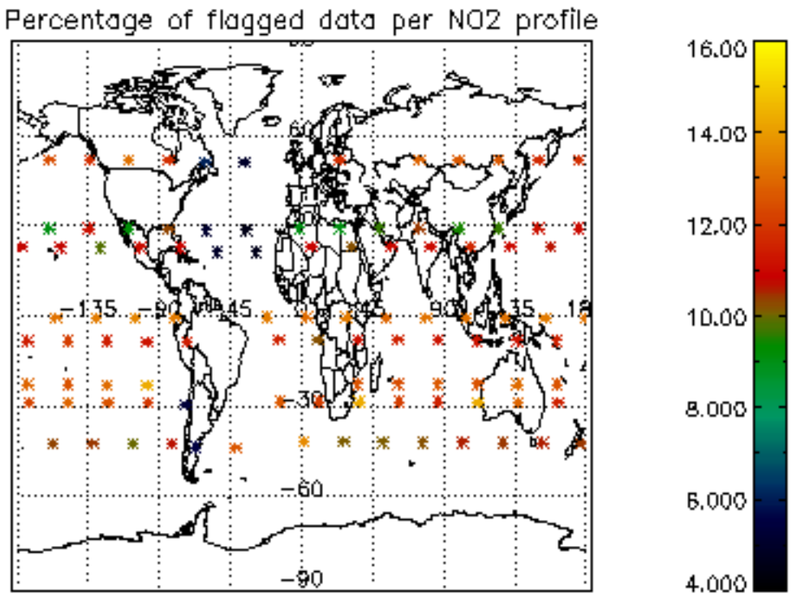
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

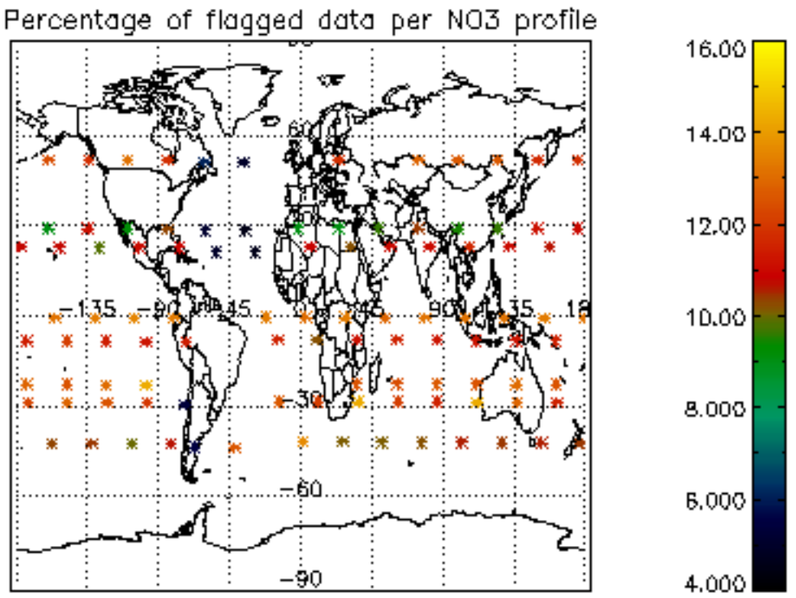
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	09-DEC-2007 00:33:45
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	09-DEC-2007 00:33:45
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	09-DEC-2007 00:33:45

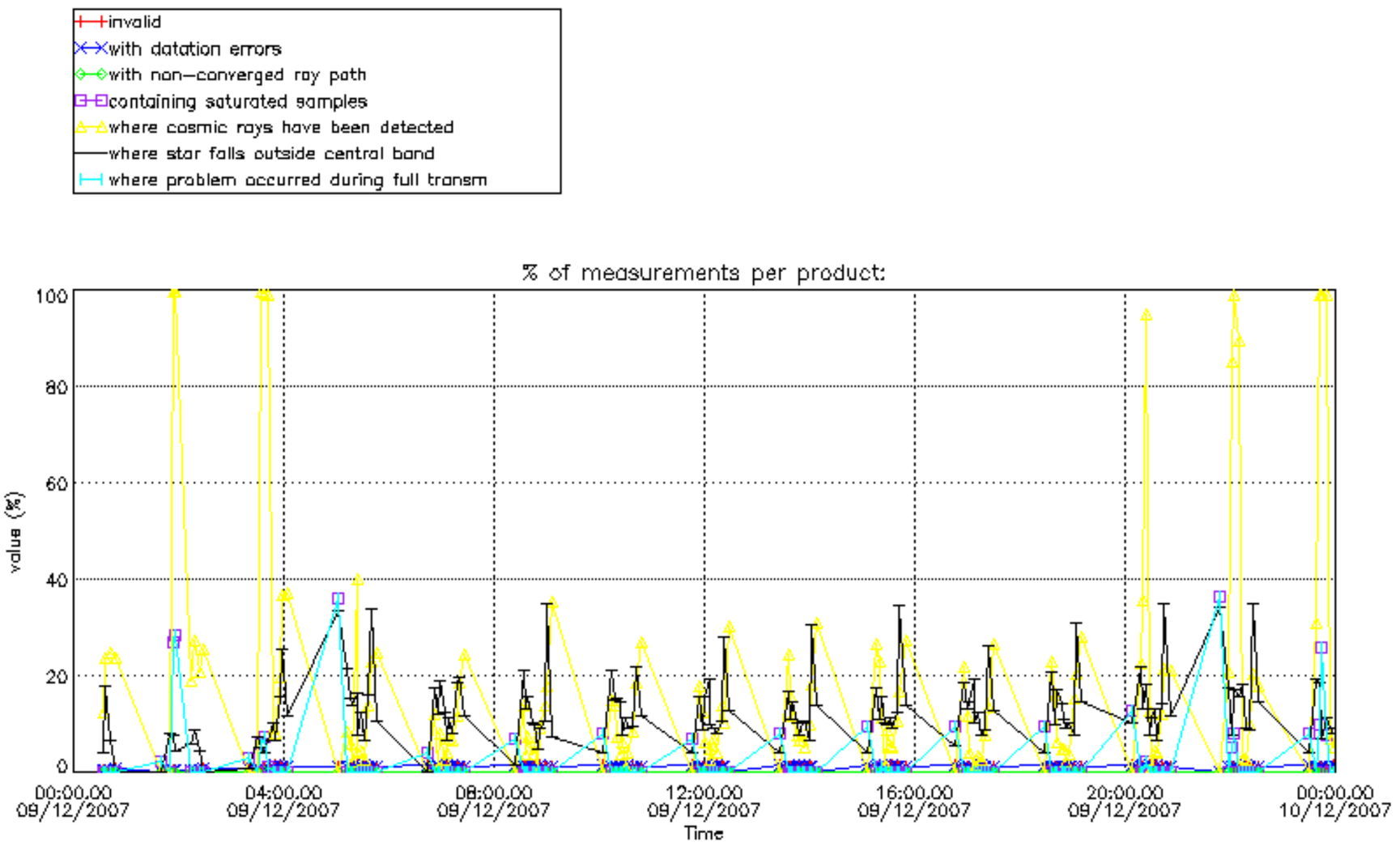

Percentage of flagged points in profiles
O3
H2O
NO2
NO3
100
80
60
40
20
0
Percentage
00:00.00
09/12/2007
04:00.00
09/12/2007
08:00.00
09/12/2007
12:00.00
09/12/2007
16:00.00
09/12/2007
20:00.00
09/12/2007
00:00.00
10/12/2007
Time

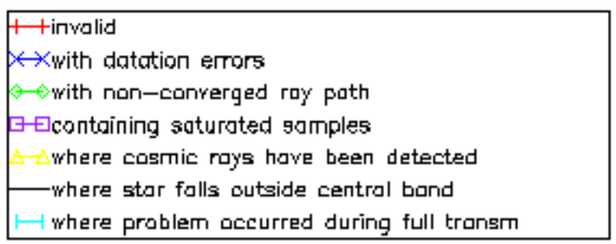

Percentage of flagged data per O3 profile
16.00
14.00
12.00
10.00
8.000
6.000
4.000
60
-30
-60
-90

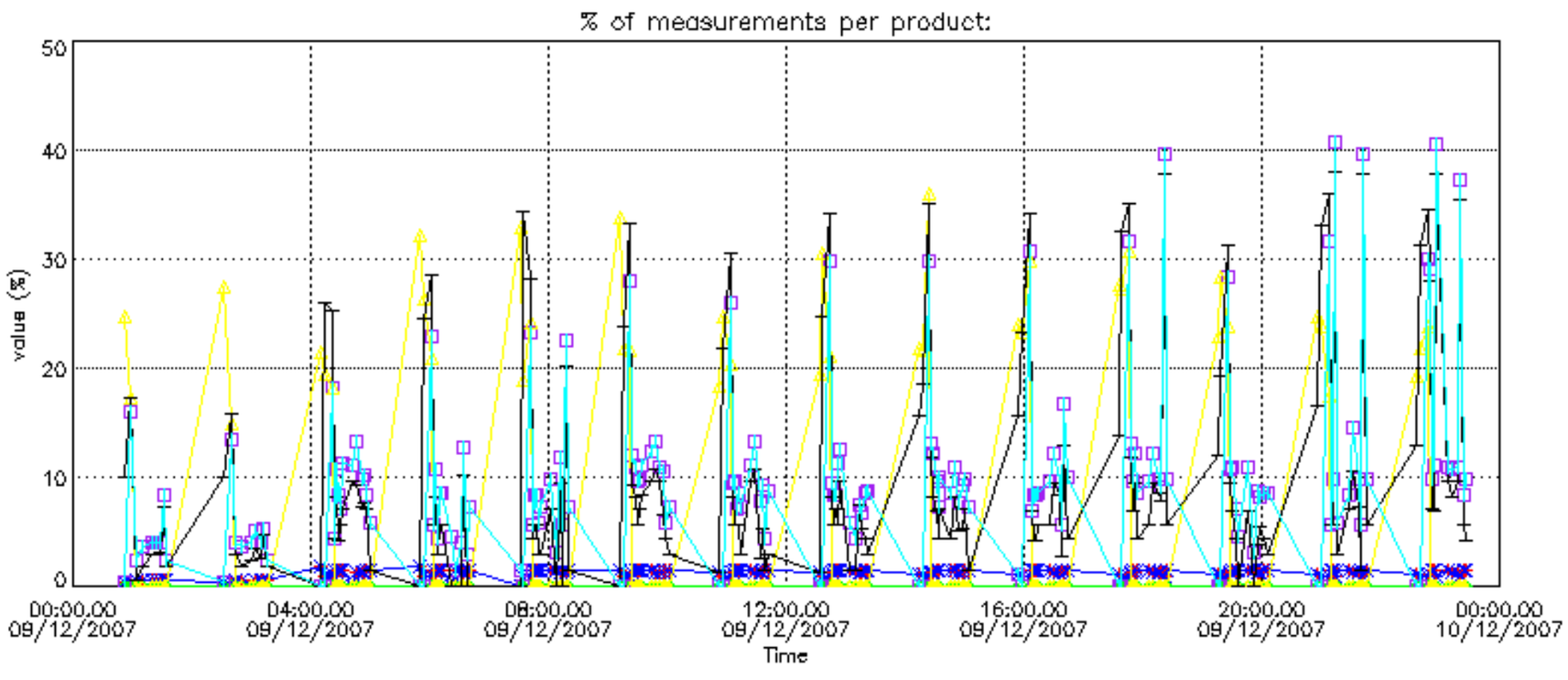

Percentage of flagged data per H2O profile
100.0
90.00
80.00
70.00
60.00
50.00
60
-30
-60
-90

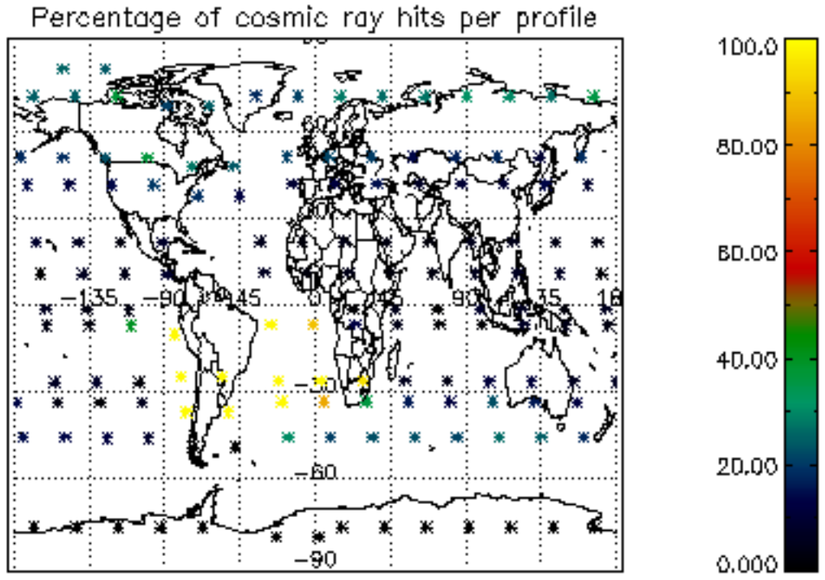

Percentage of flagged data per NO2 profile
16.00
14.00
12.00
10.00
8.000
6.000
4.000
60
-30
-60
-90

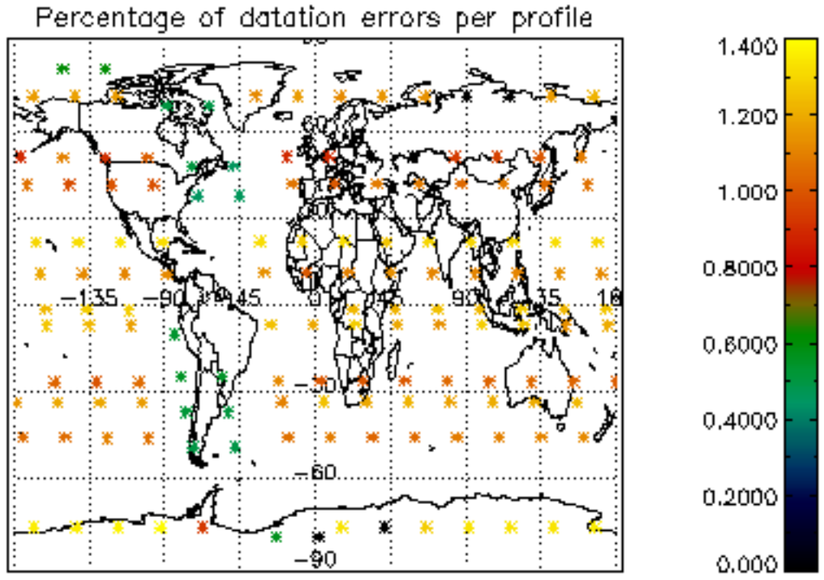

Percentage of flagged data per NO3 profile
16.00
14.00
12.00
10.00
8.000
6.000
4.000
60
-30
-60
-90

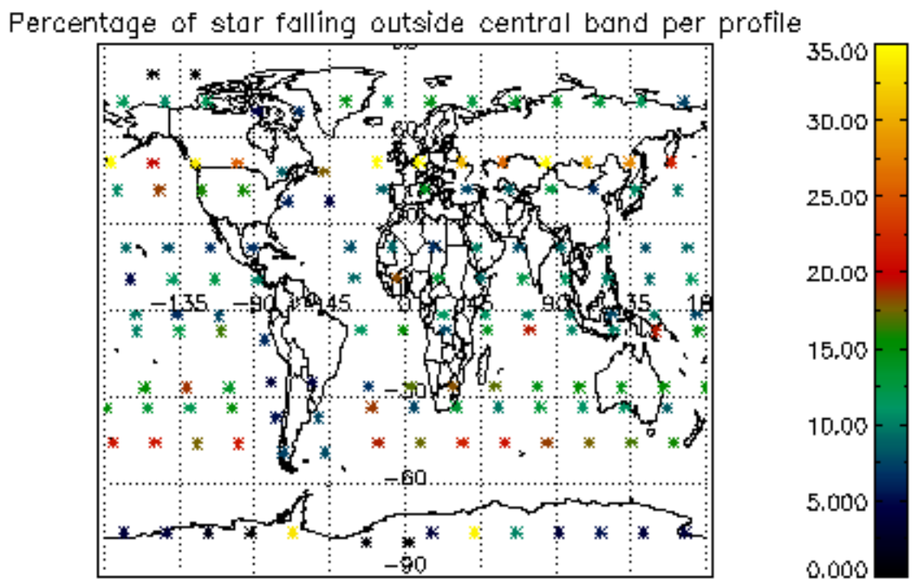

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
100
80
60
40
20
0
value (%)
00:00.00
09/12/2007
04:00.00
09/12/2007
08:00.00
09/12/2007
12:00.00
09/12/2007
16:00.00
09/12/2007
20:00.00
09/12/2007
00:00.00
10/12/2007
Time

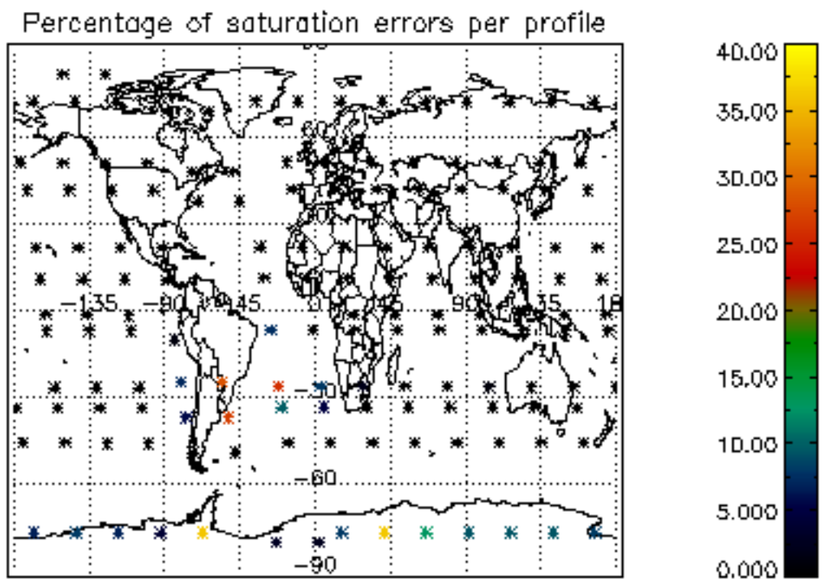

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm

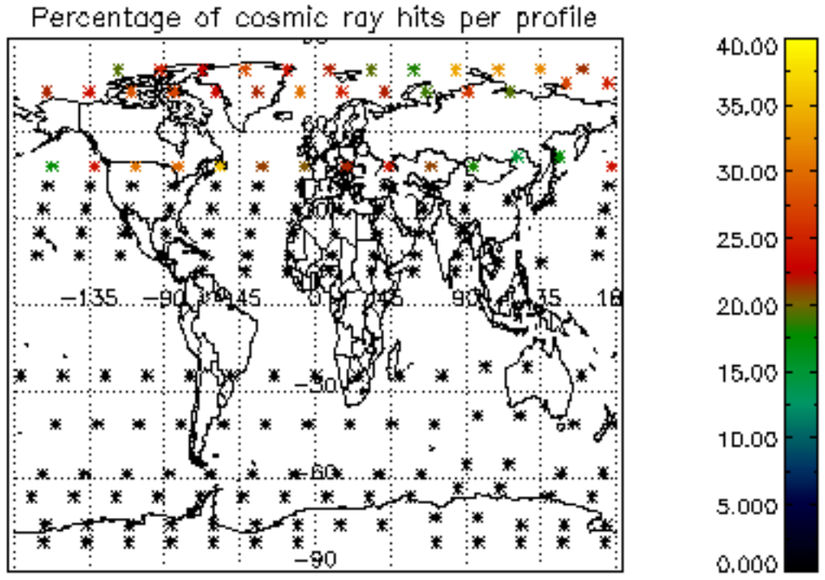

% of measurements per product:
value (%)
0
10
20
30
40
50
00:00.00 09/12/2007
04:00.00 09/12/2007
08:00.00 09/12/2007
12:00.00 09/12/2007
16:00.00 09/12/2007
20:00.00 09/12/2007
00:00.00 10/12/2007
Time

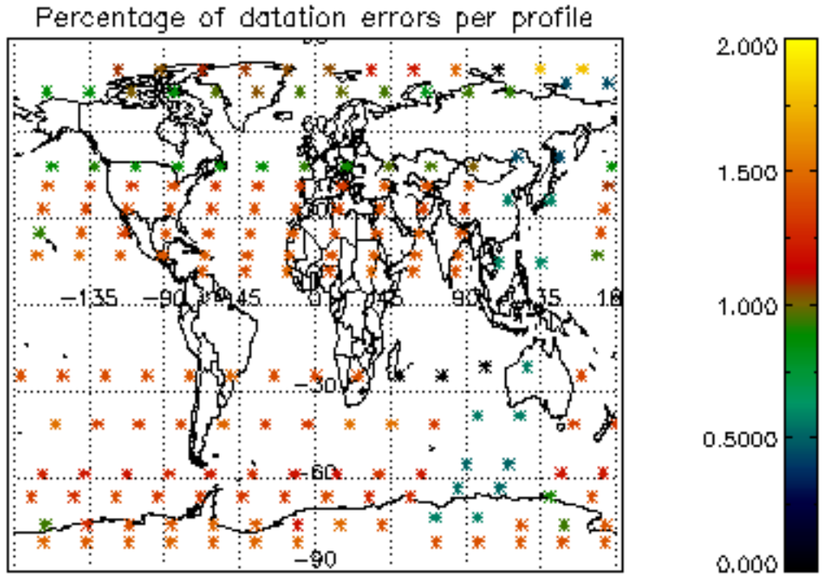

Percentage of cosmic ray hits per profile
100.0
80.00
60.00
40.00
20.00
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

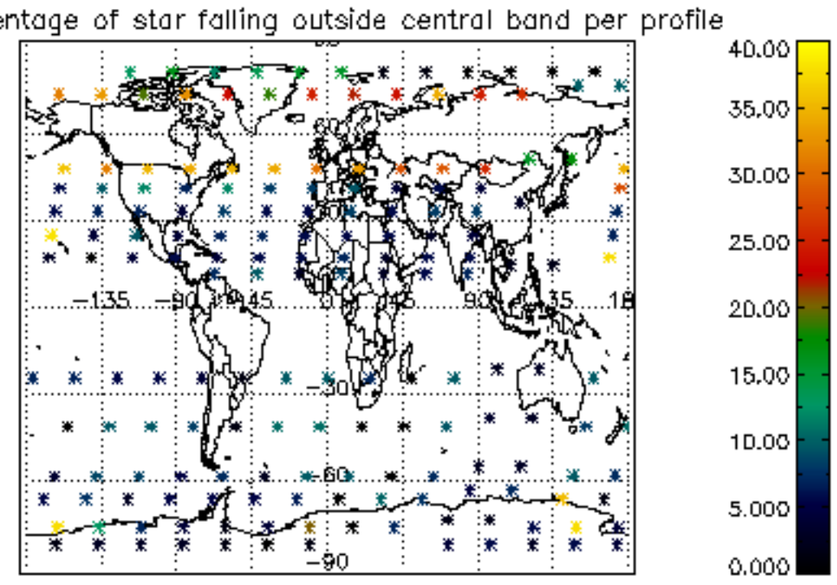

Percentage of datation errors per profile
1.400
1.200
1.000
0.8000
0.6000
0.4000
0.2000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

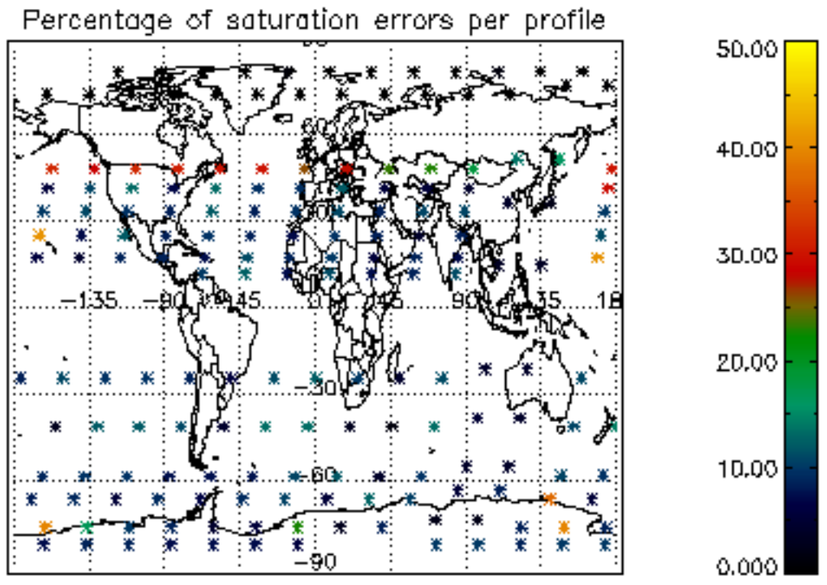

Percentage of star falling outside central band per profile
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

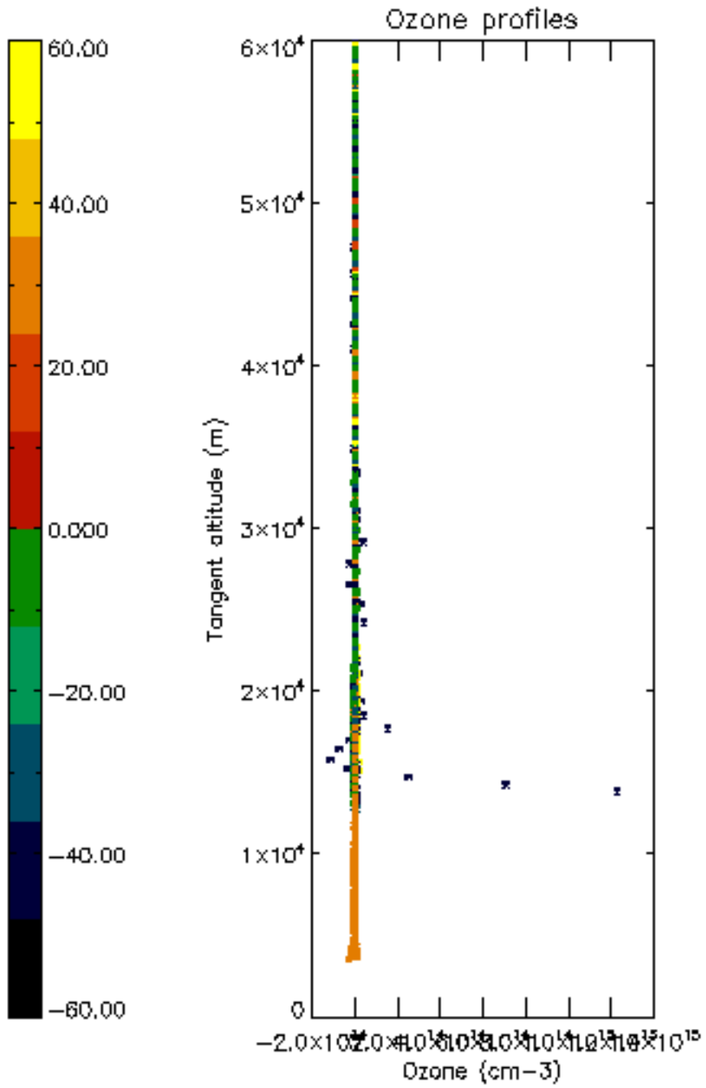

Percentage of saturation errors per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

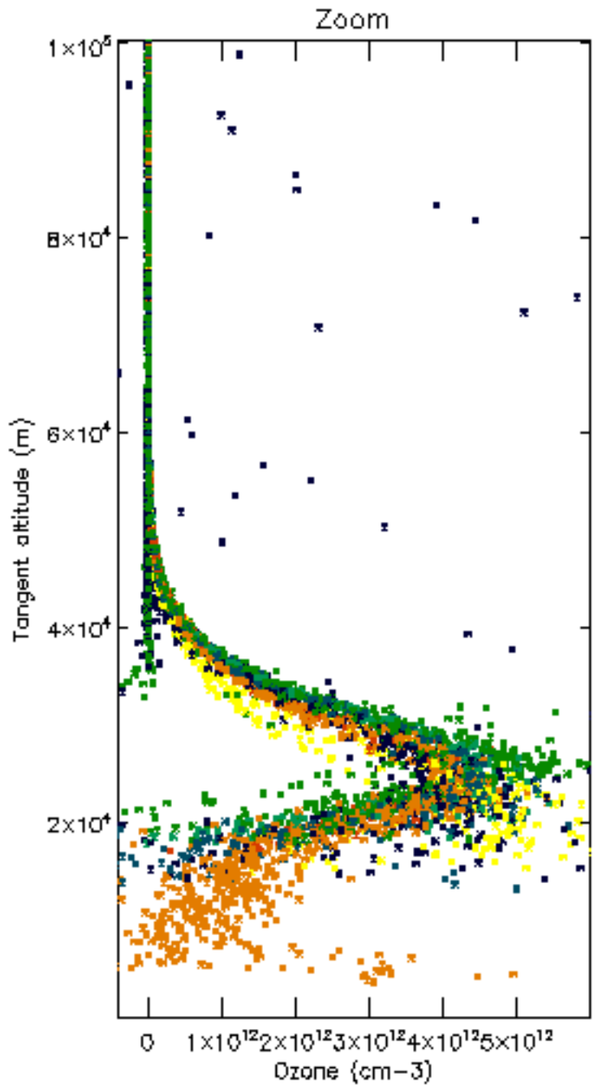

Percentage of cosmic ray hits per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

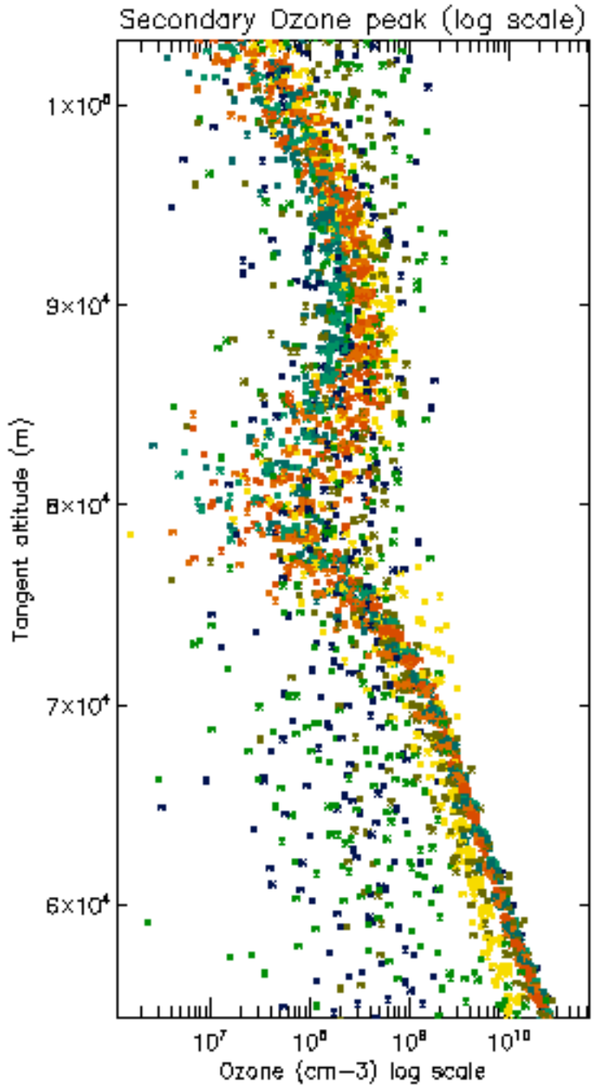

Percentage of datation errors per profile
2.000
1.500
1.000
0.5000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

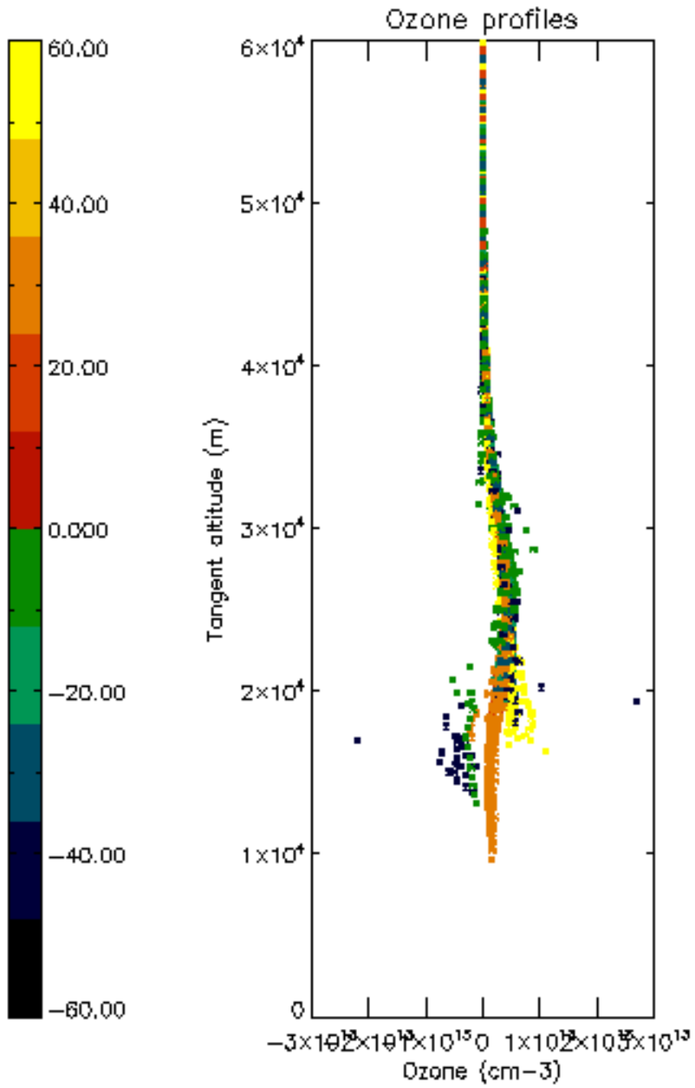

Percentage of star falling outside central band per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90


Percentage of saturation errors per profile
50.00
40.00
30.00
20.00
10.00
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90


Ozone profiles
60.00
40.00
20.00
0.000
−20.00
−40.00
−60.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
Ozone (cm−3)

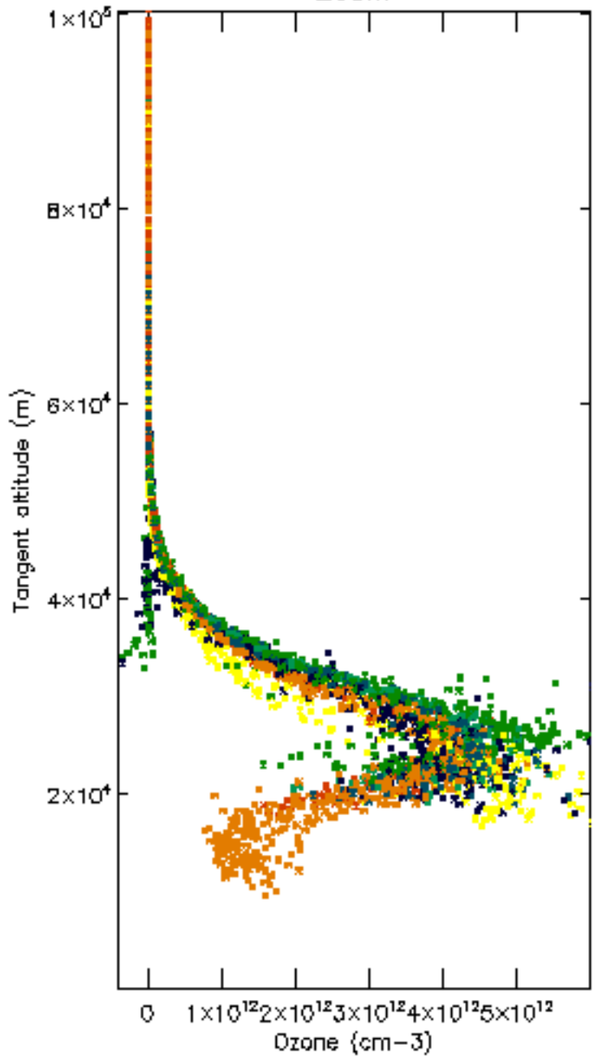

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Tangent altitude (m)
Ozone (cm−3)


Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
10⁷
10⁸
10⁹
10¹⁰
Tangent altitude (m)
Ozone (cm−3) log scale

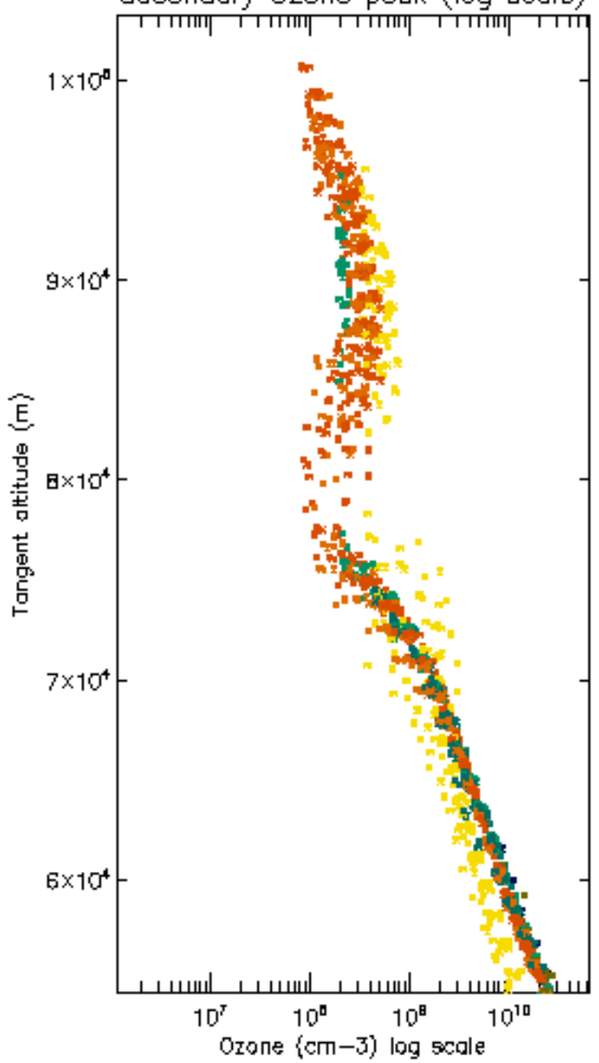


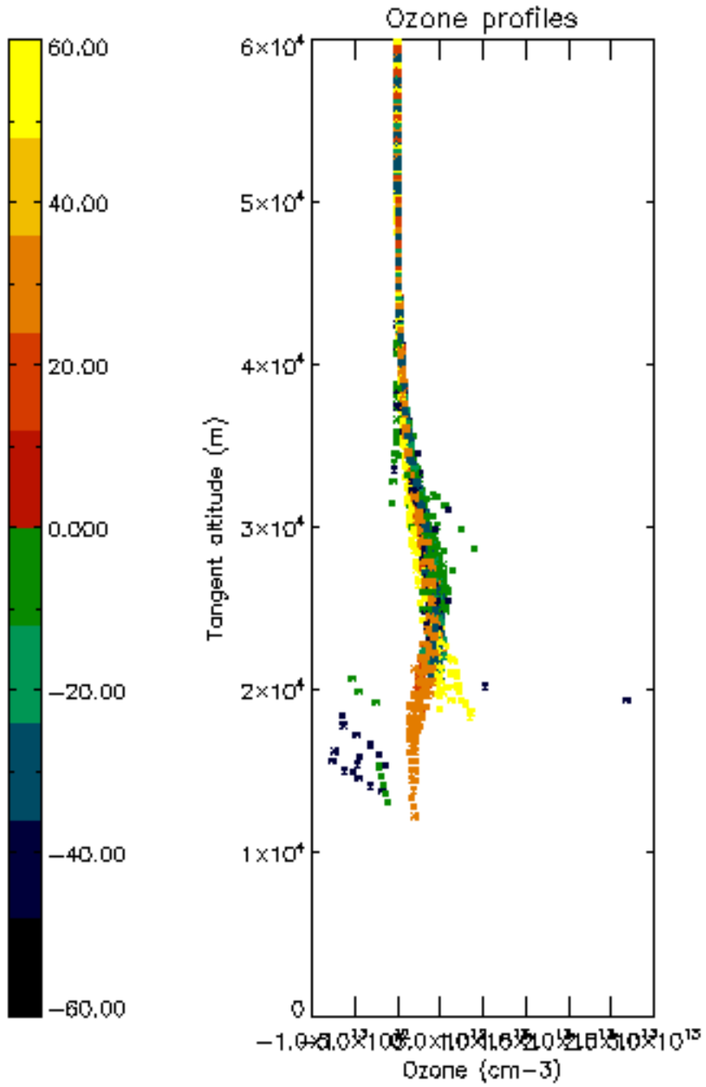
Ozone profiles

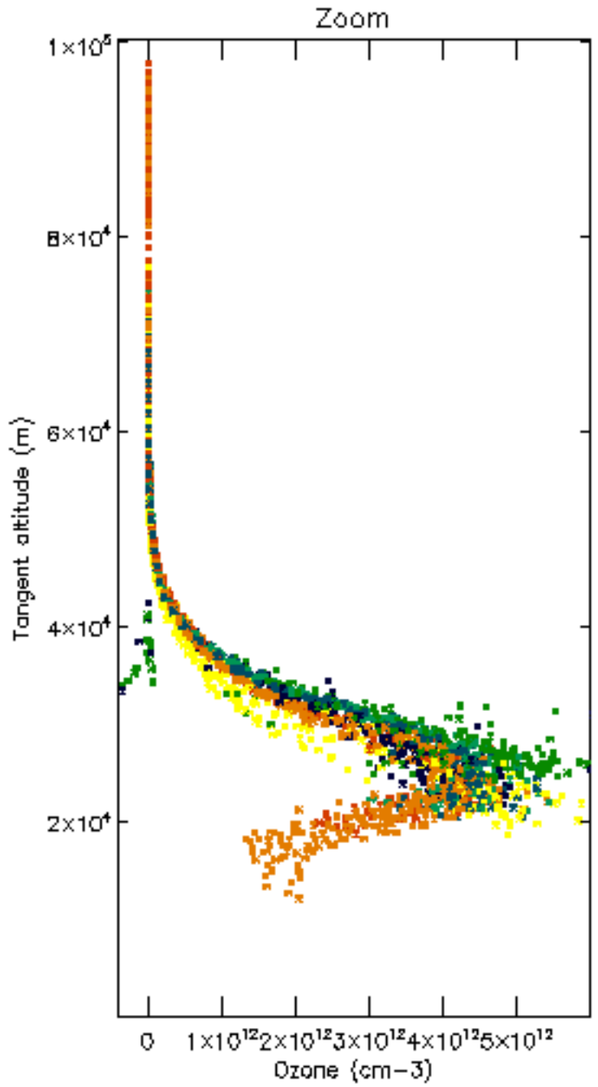
Zoom

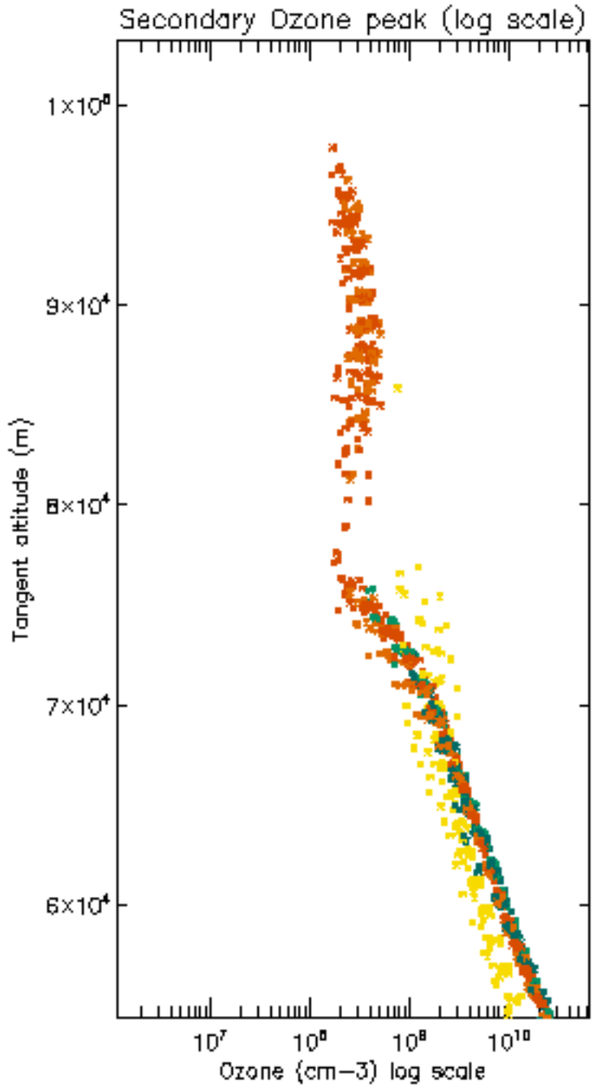


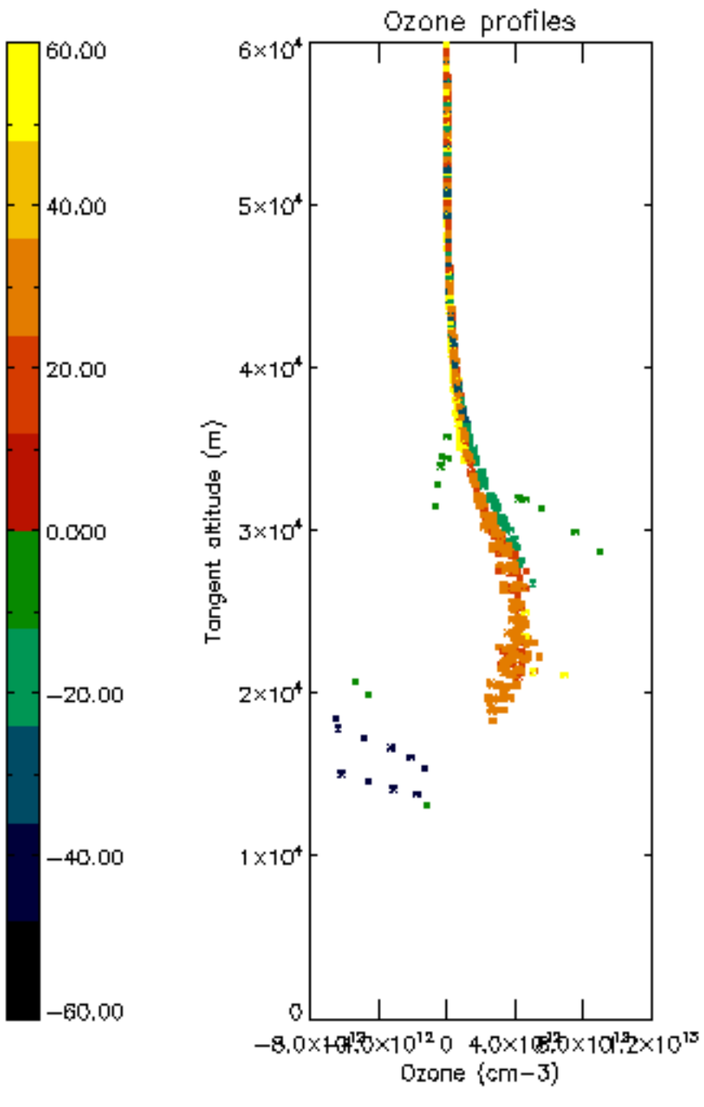
Secondary Ozone peak (log scale)

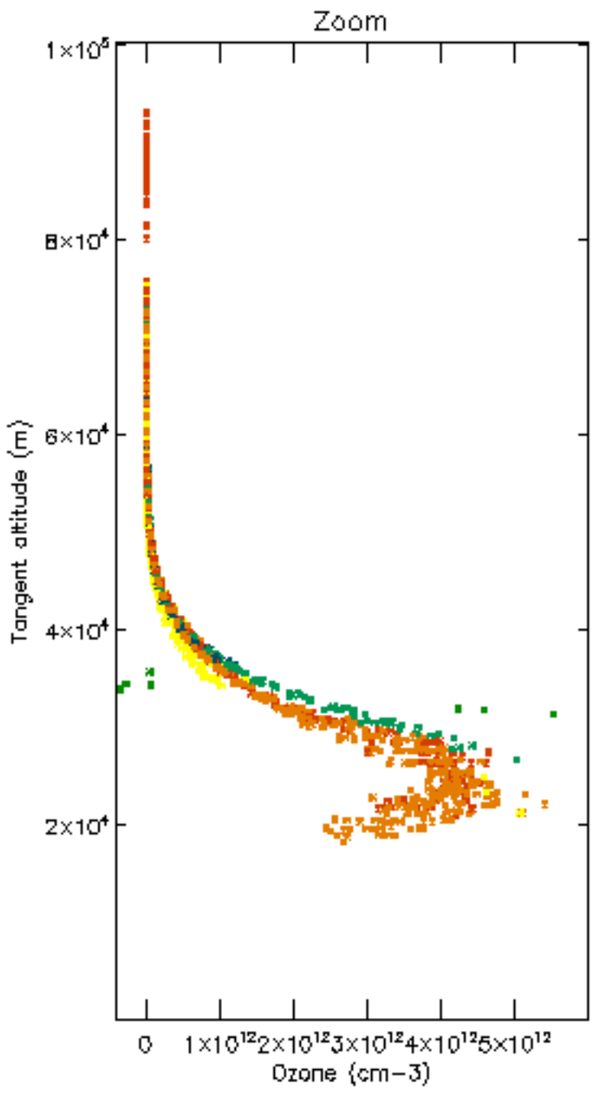


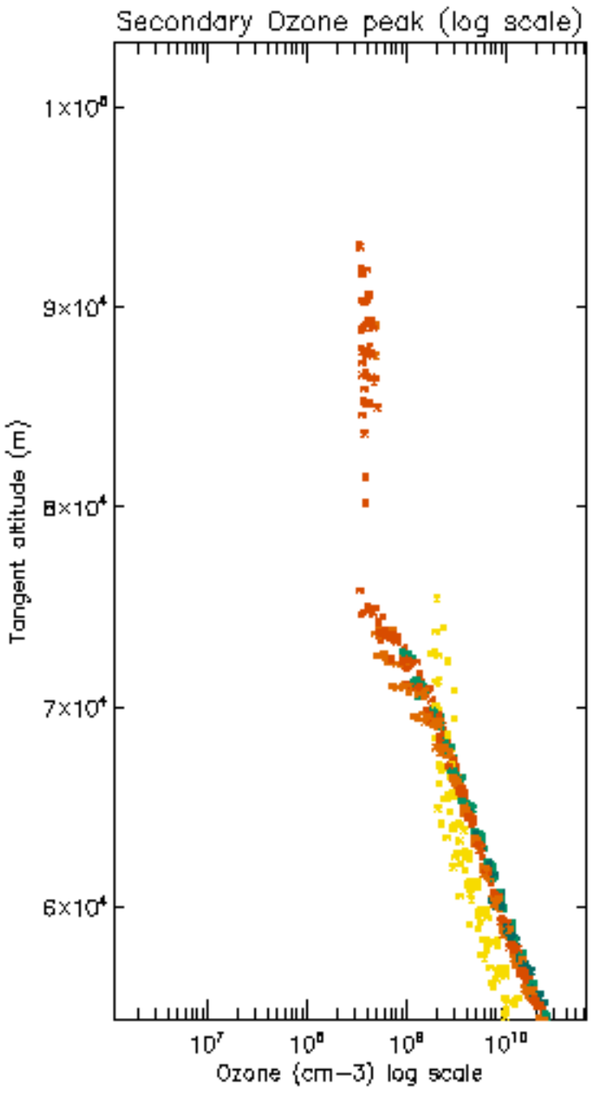

Ozone profiles
60.00
40.00
20.00
0.000
−20.00
−40.00
−60.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m
Ozone (cm−3)

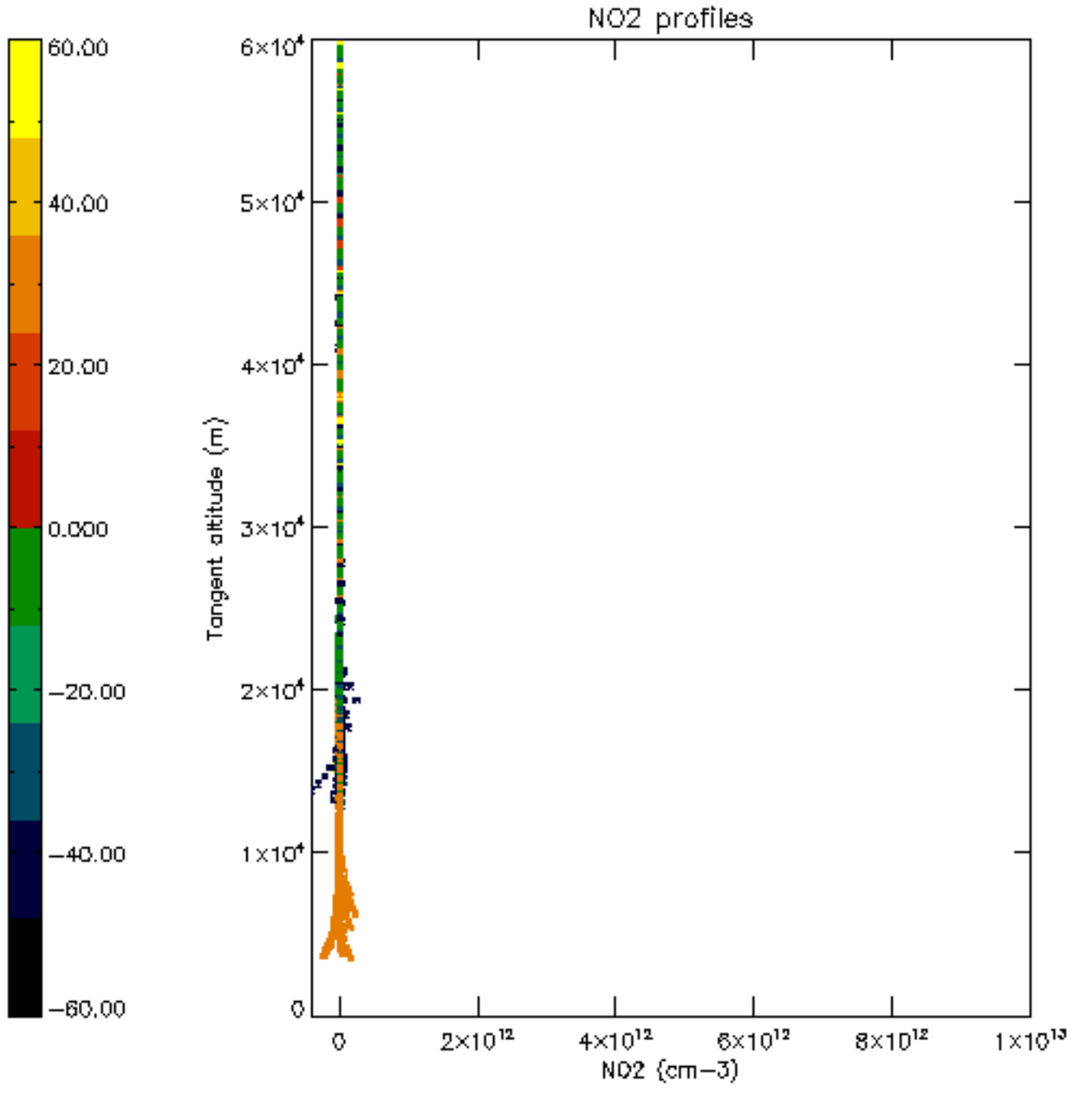

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)

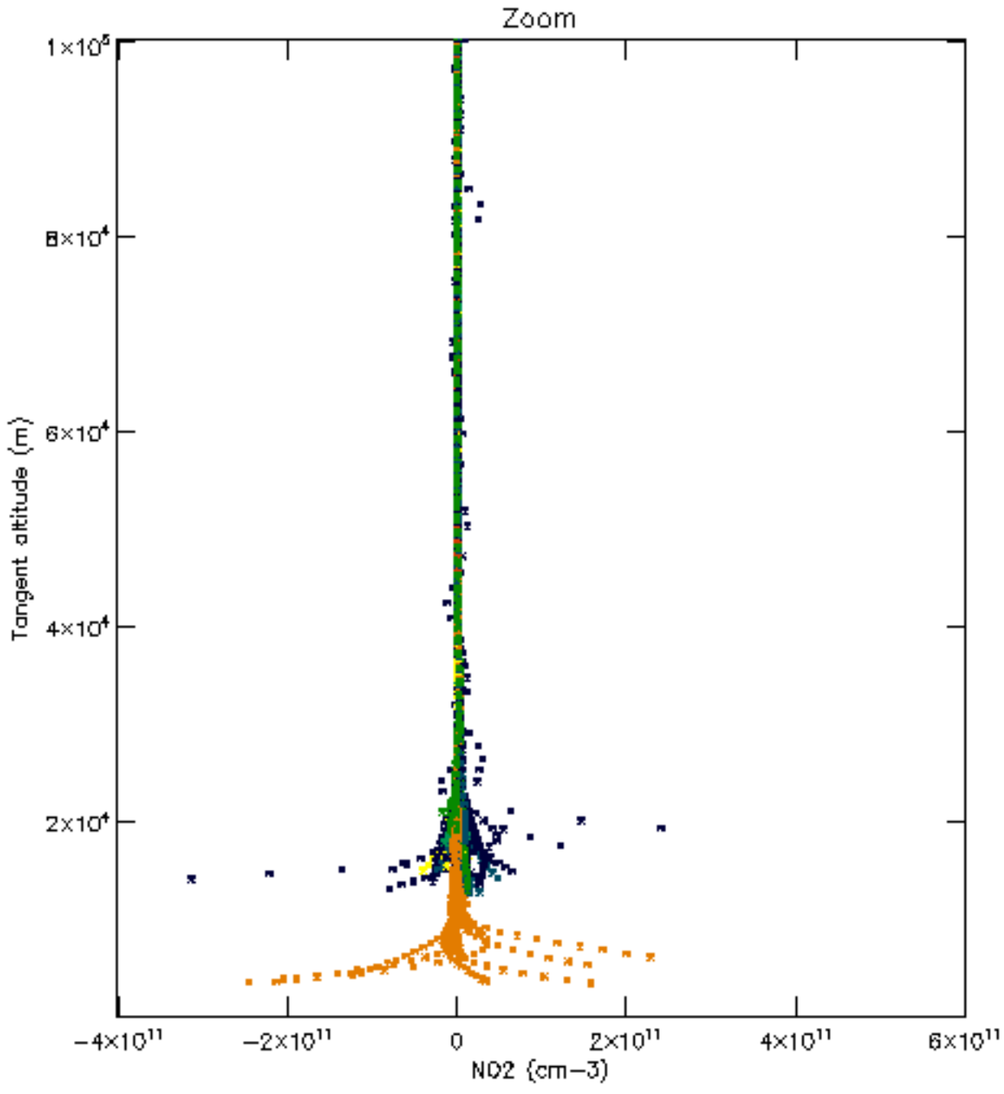

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m
10⁷
10⁸
10⁹
10¹⁰
Ozone (cm−3) log scale

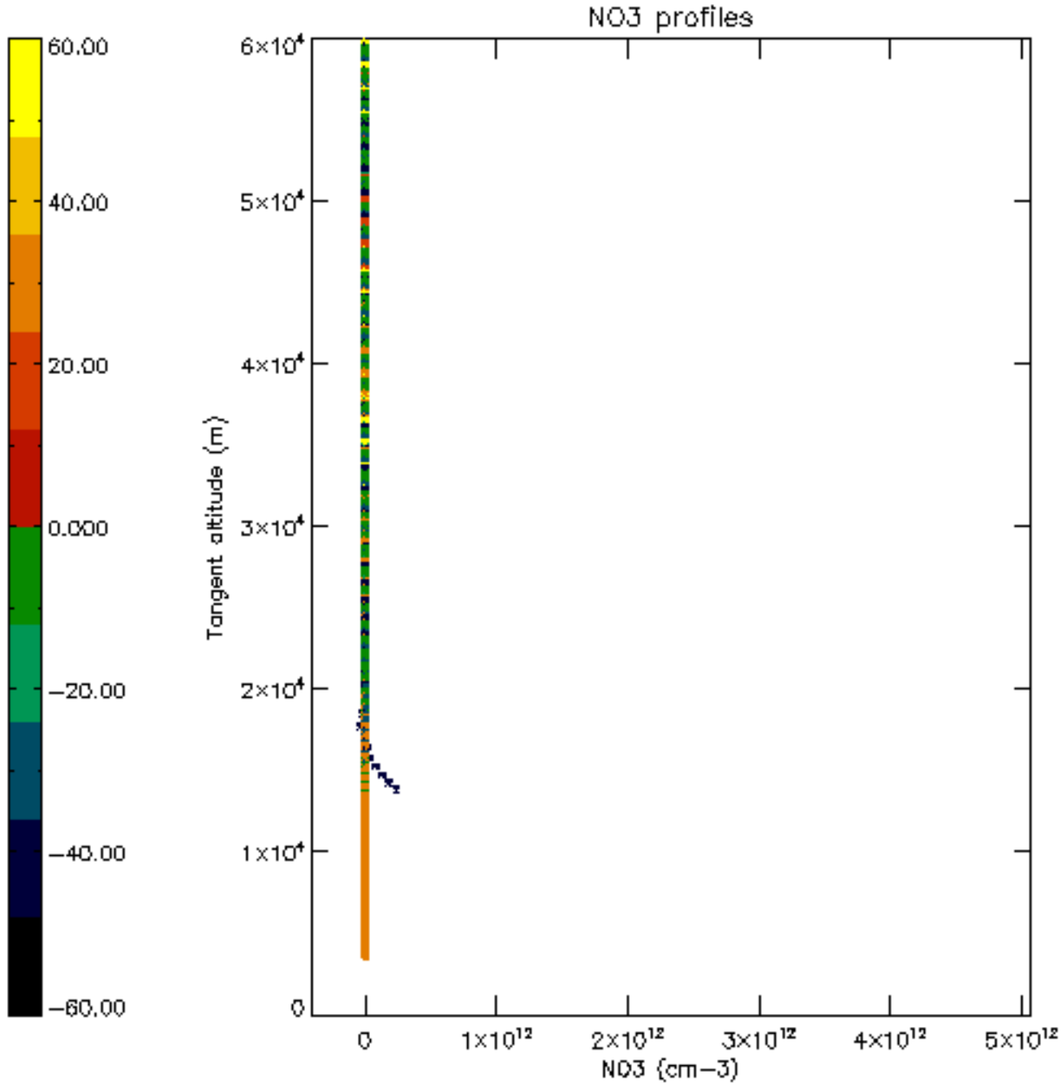

Ozone profiles
60.00
40.00
20.00
0.000
−20.00
−40.00
−60.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−8.0×10¹²
0
4.0×10¹²
Ozone (cm−3)

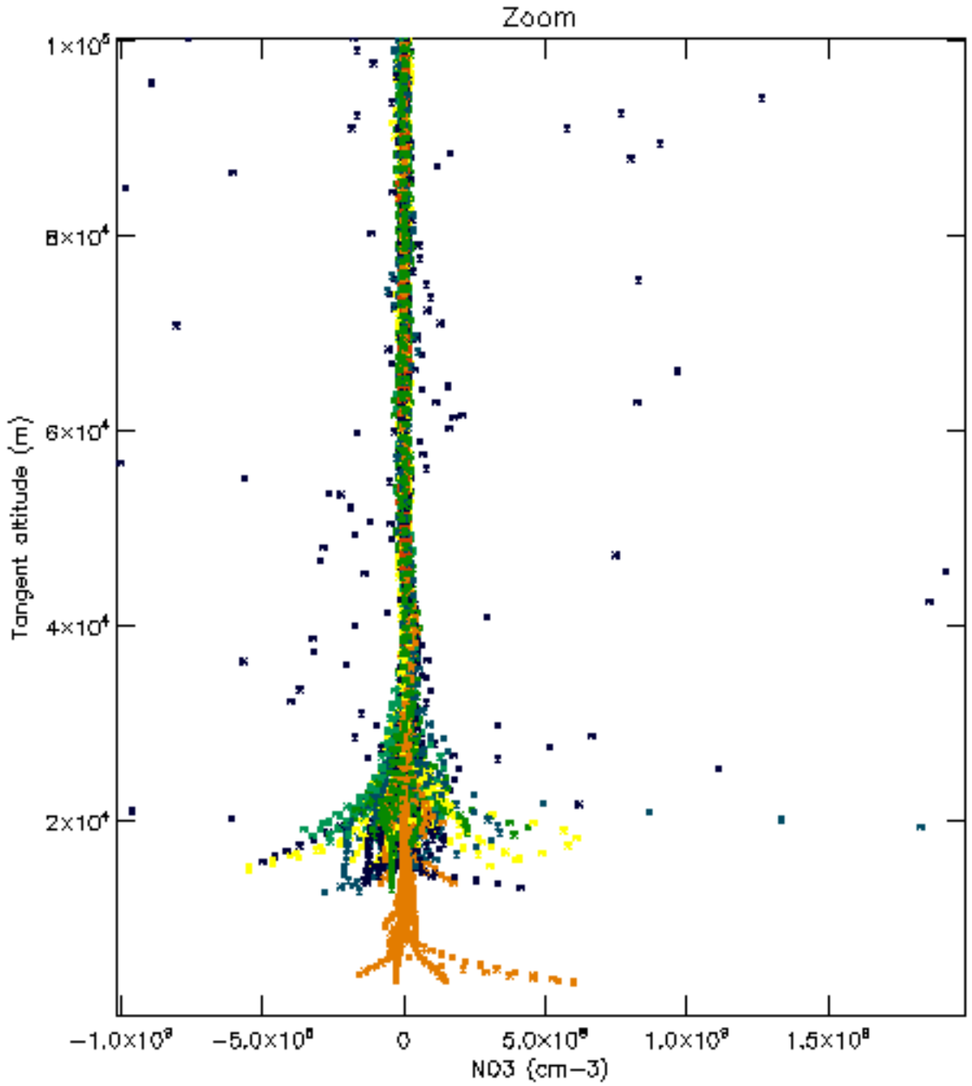

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)

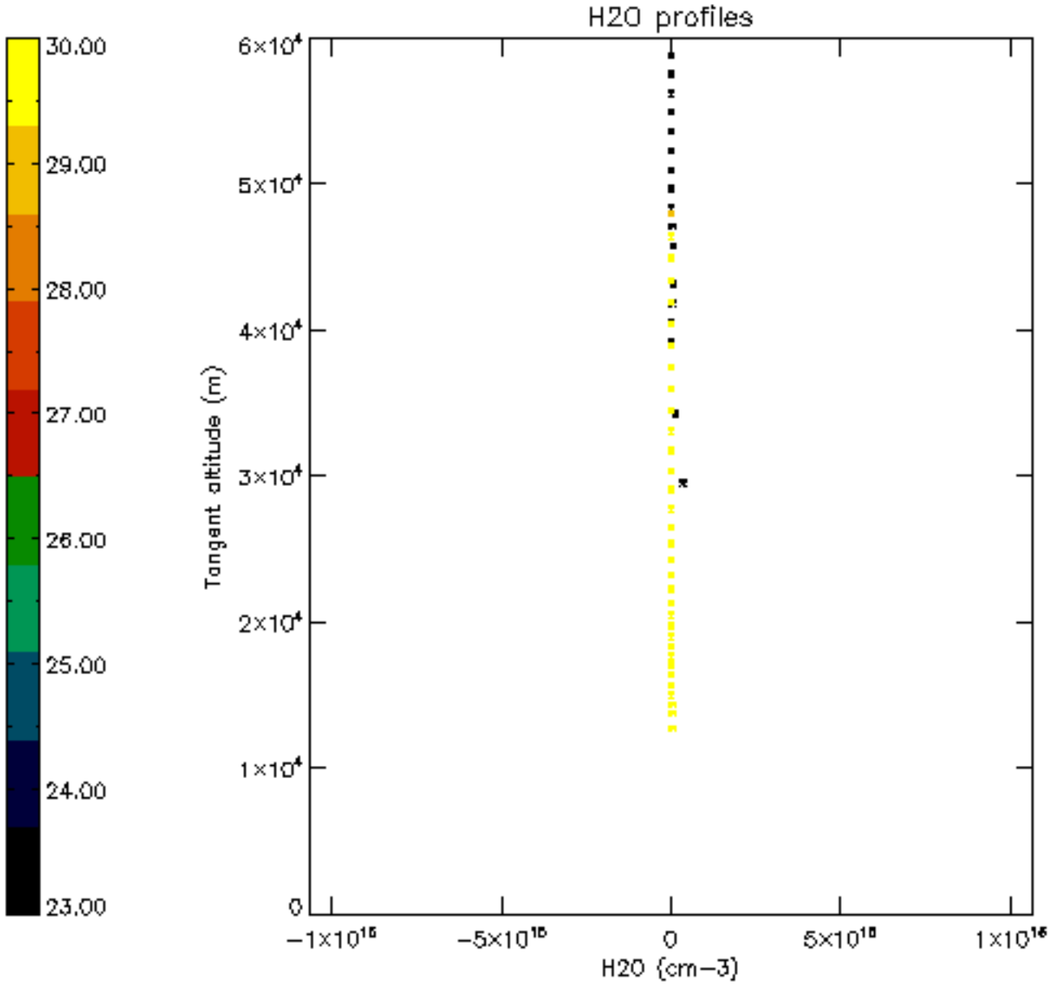

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m)
10⁷
10⁸
10⁹
10¹⁰
Ozone (cm−3) log scale

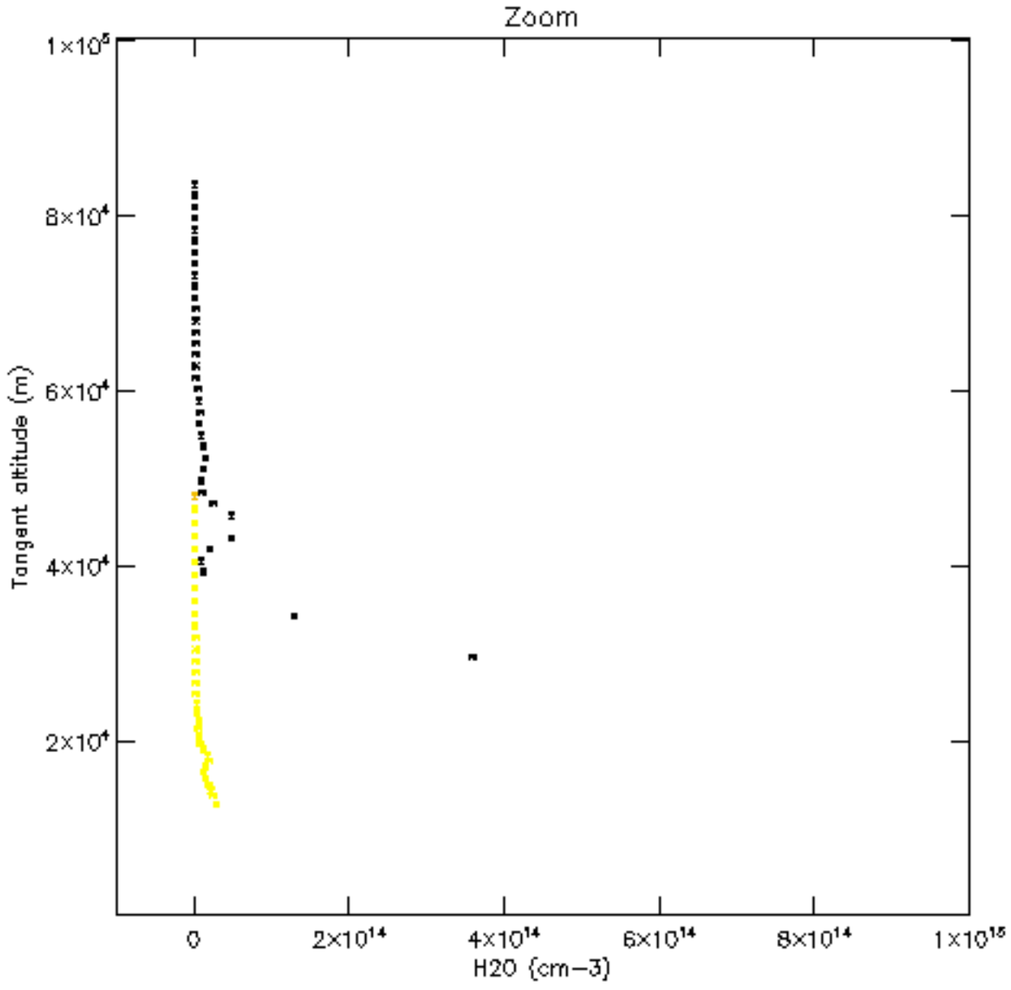

NO2 profiles
60.00
40.00
20.00
0.000
−20.00
−40.00
−60.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
2×10¹²
4×10¹²
6×10¹²
8×10¹²
1×10¹³
NO2 (cm−3)

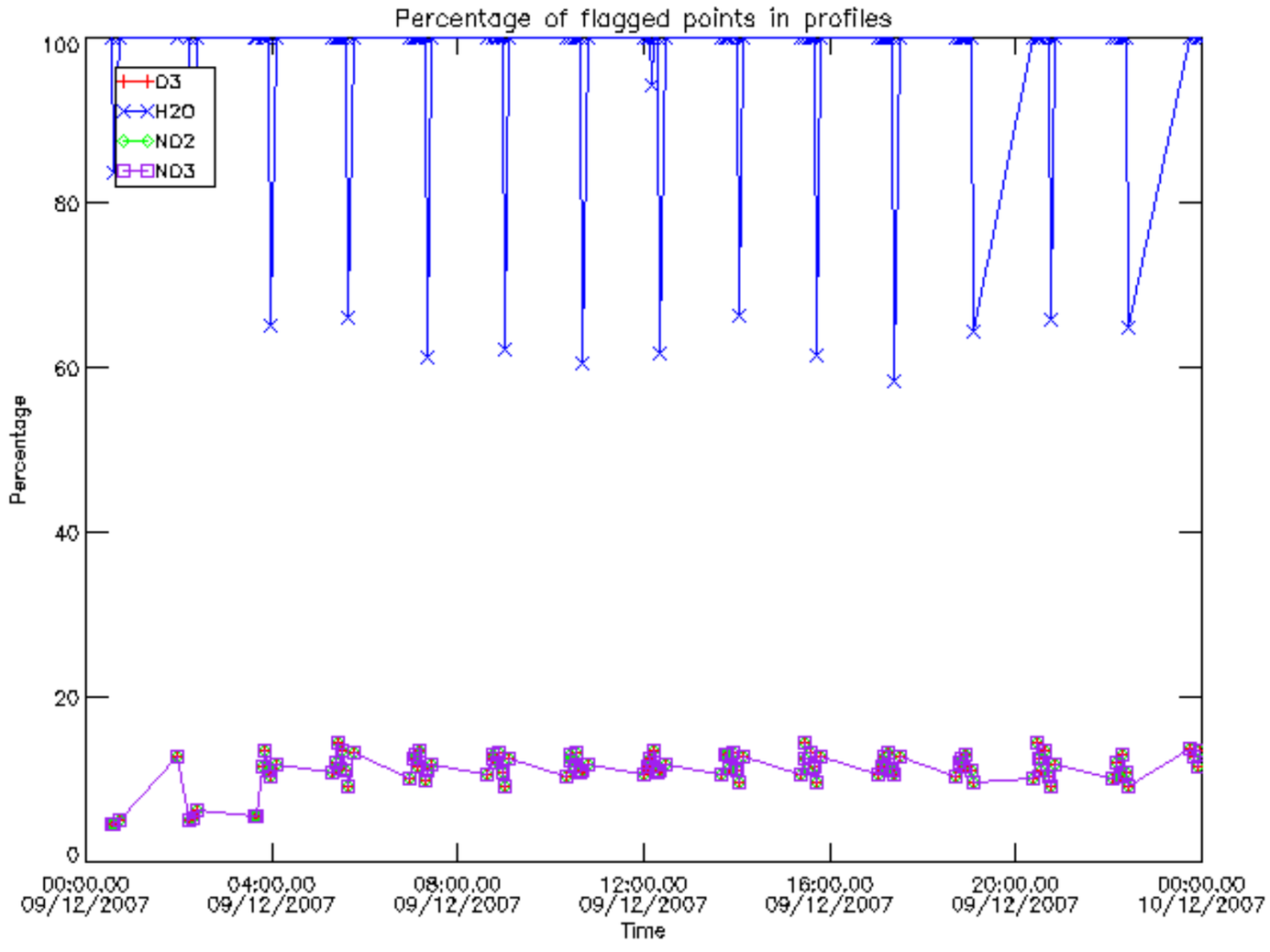

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
−4×10¹¹
−2×10¹¹
0
2×10¹¹
4×10¹¹
6×10¹¹
NO2 (cm−3)

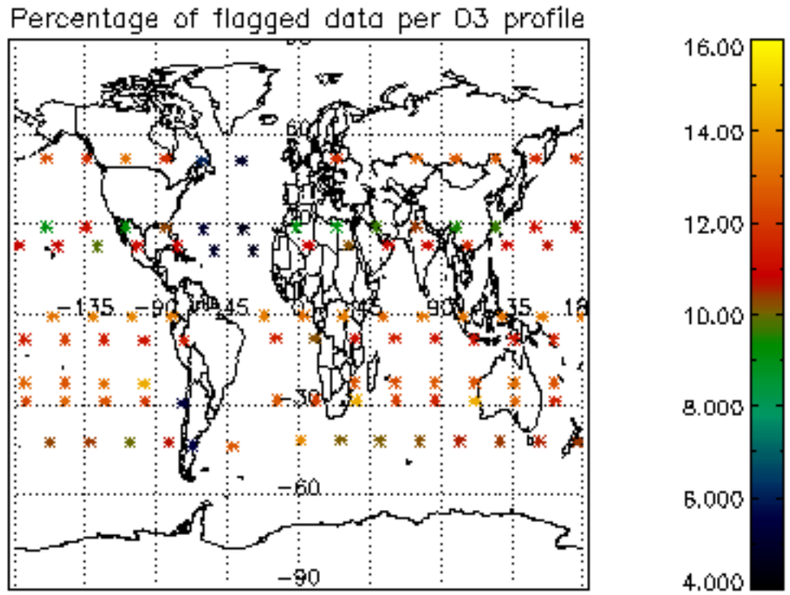

NO3 profiles
60.00
40.00
20.00
0.000
−20.00
−40.00
−60.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
NO3 (cm−3)

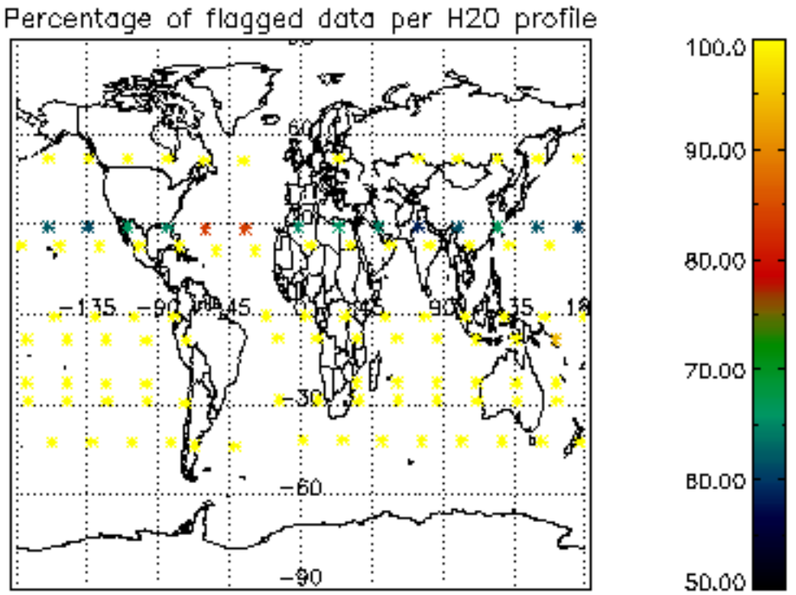

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
−1.0×10⁹
−5.0×10⁸
0
5.0×10⁸
1.0×10⁹
1.5×10⁹
NO3 (cm−3)

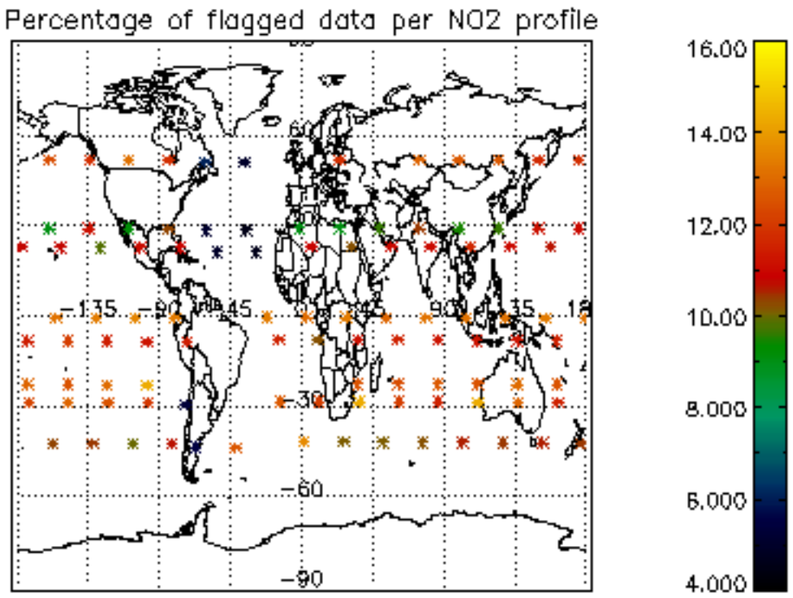

H2O profiles
30.00
29.00
28.00
27.00
26.00
25.00
24.00
23.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−1×10¹⁵
−5×10¹⁵
0
5×10¹⁵
1×10¹⁶
H2O (cm−3)

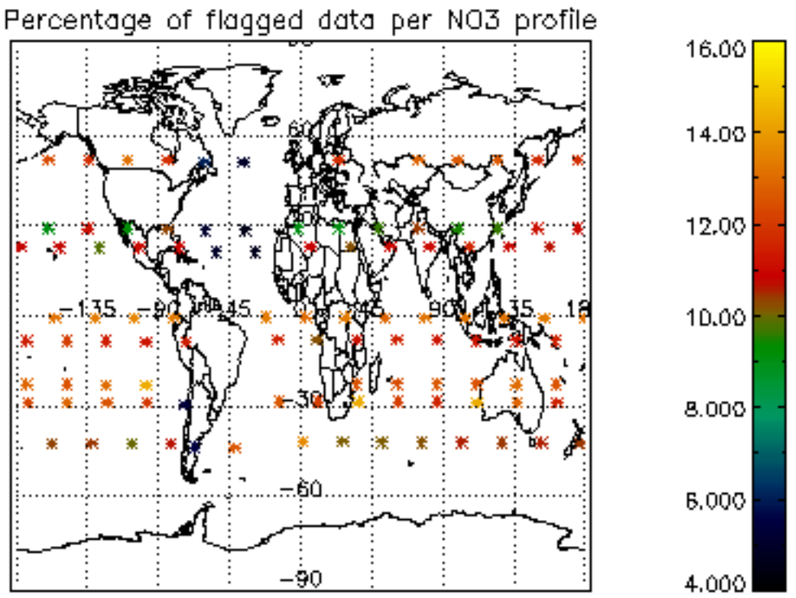

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
2×10¹⁴
4×10¹⁴
6×10¹⁴
8×10¹⁴
1×10¹⁵
H2O (cm−3)

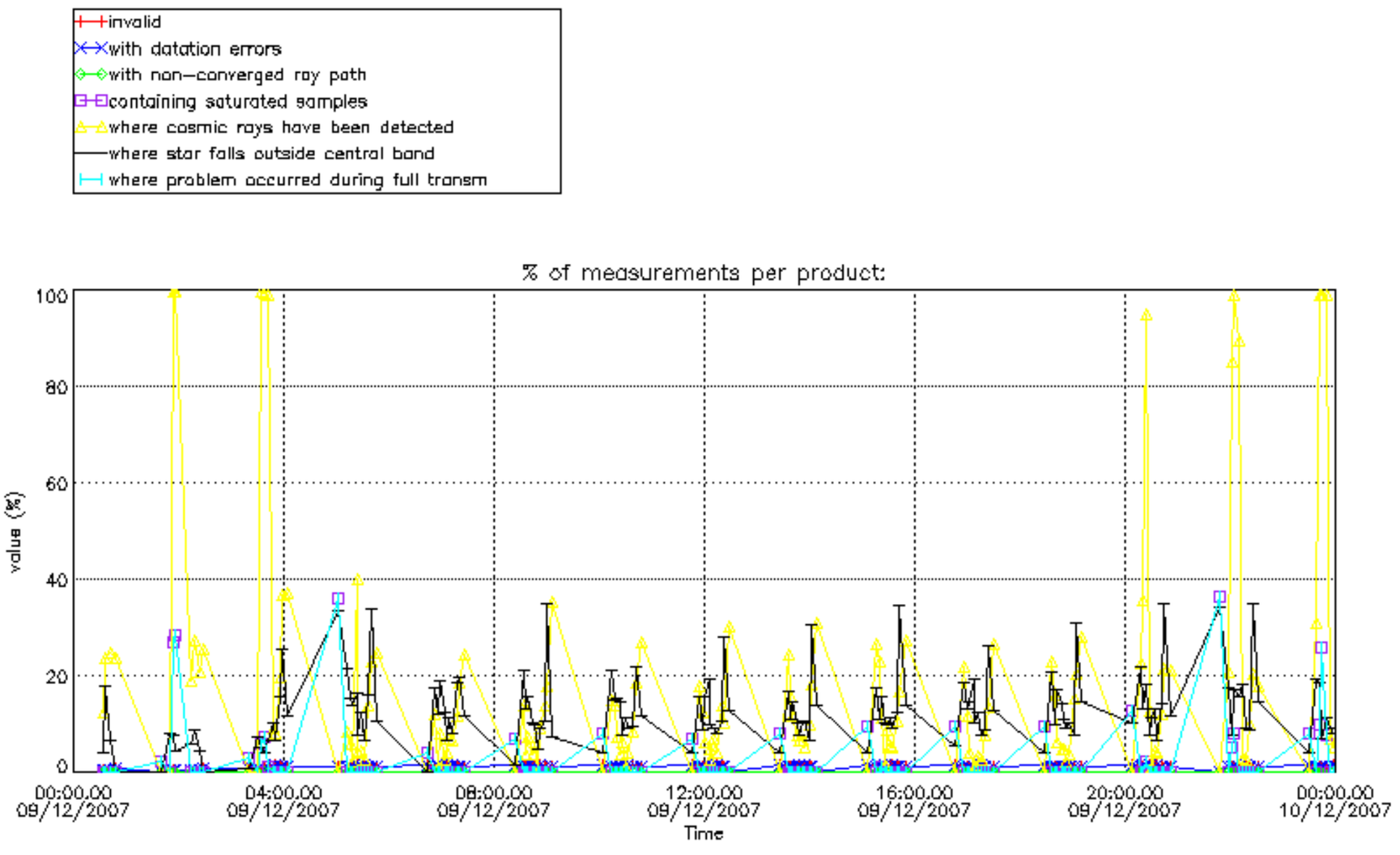

Percentage of flagged points in profiles
O3
H2O
NO2
NO3
100
80
60
40
20
0
Percentage
00:00.00
09/12/2007
04:00.00
09/12/2007
08:00.00
09/12/2007
12:00.00
09/12/2007
16:00.00
09/12/2007
20:00.00
09/12/2007
00:00.00
10/12/2007
Time

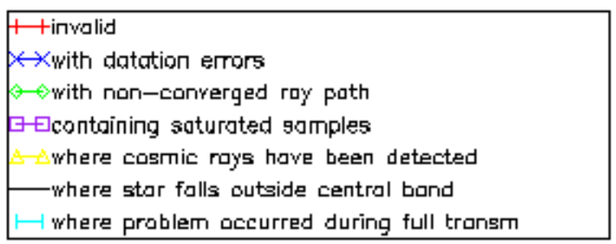

Percentage of flagged data per O3 profile
16.00
14.00
12.00
10.00
8.000
6.000
4.000
60
-30
-60
-90

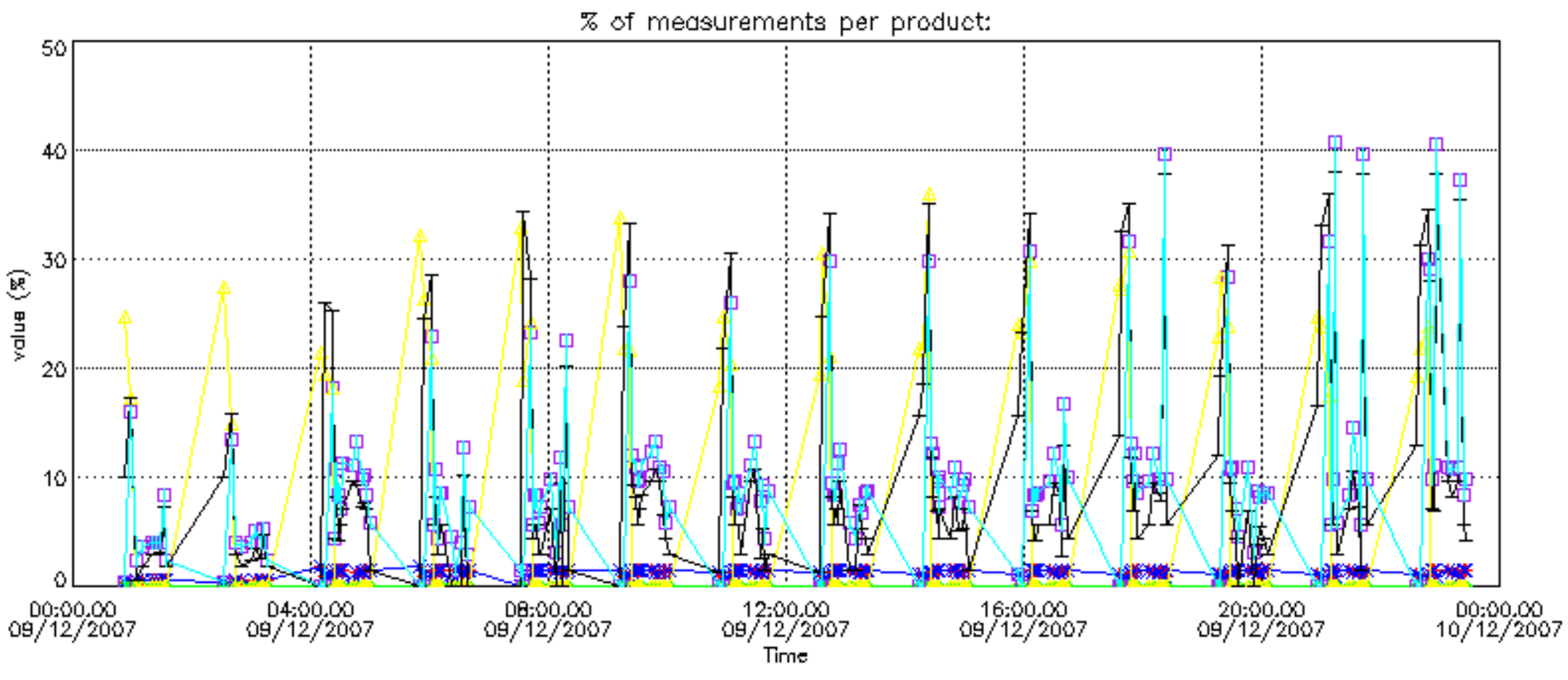

Percentage of flagged data per H2O profile
100.0
90.00
80.00
70.00
60.00
50.00
60
-30
-60
-90

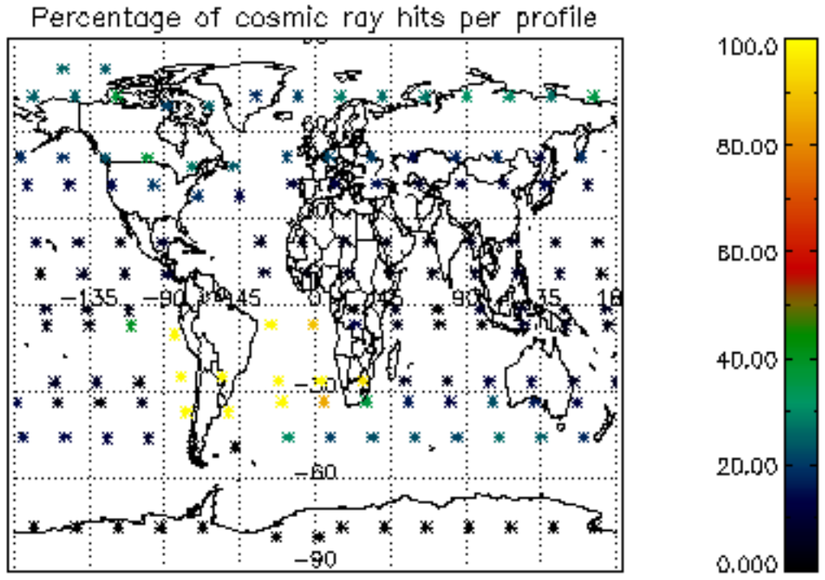

Percentage of flagged data per NO2 profile
16.00
14.00
12.00
10.00
8.000
6.000
4.000
60
-30
-60
-90

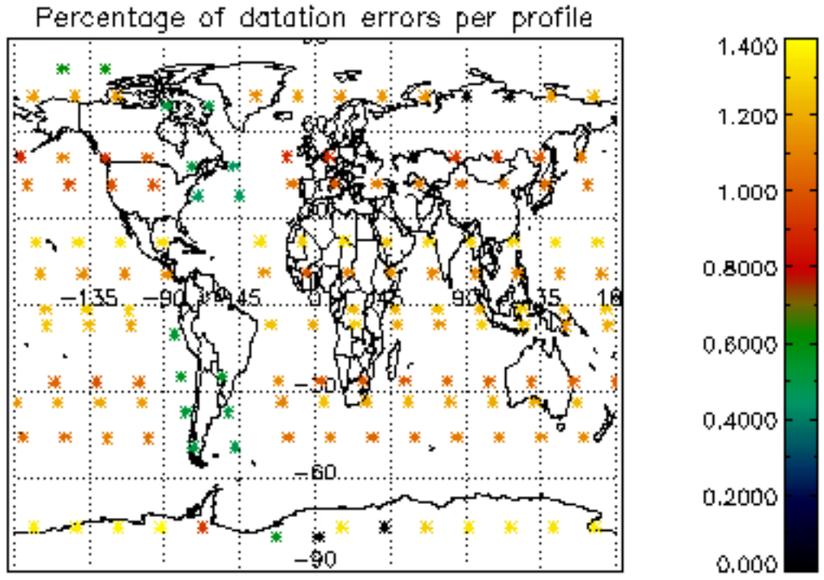

Percentage of flagged data per NO3 profile
16.00
14.00
12.00
10.00
8.000
6.000
4.000
60
-30
-60
-90

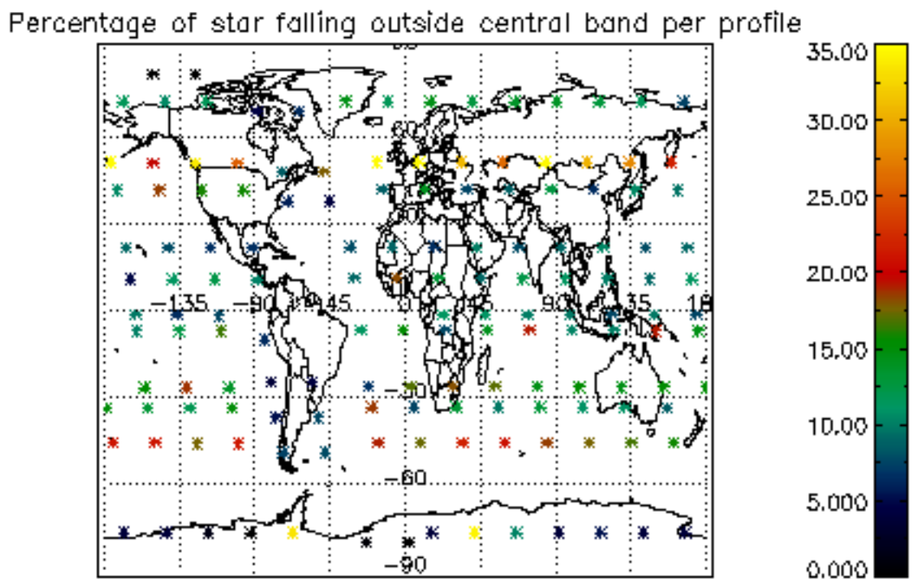

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
100
80
60
40
20
0
value (%)
00:00.00
09/12/2007
04:00.00
09/12/2007
08:00.00
09/12/2007
12:00.00
09/12/2007
16:00.00
09/12/2007
20:00.00
09/12/2007
00:00.00
10/12/2007
Time

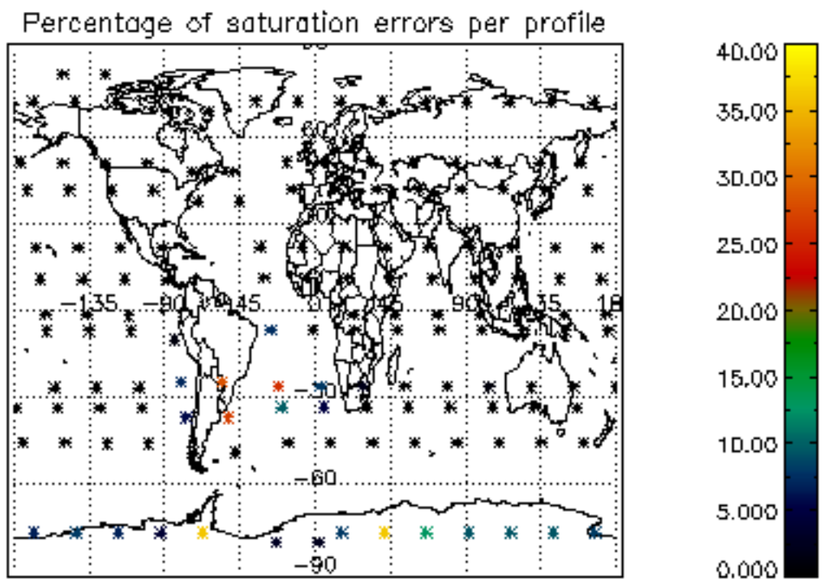

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm

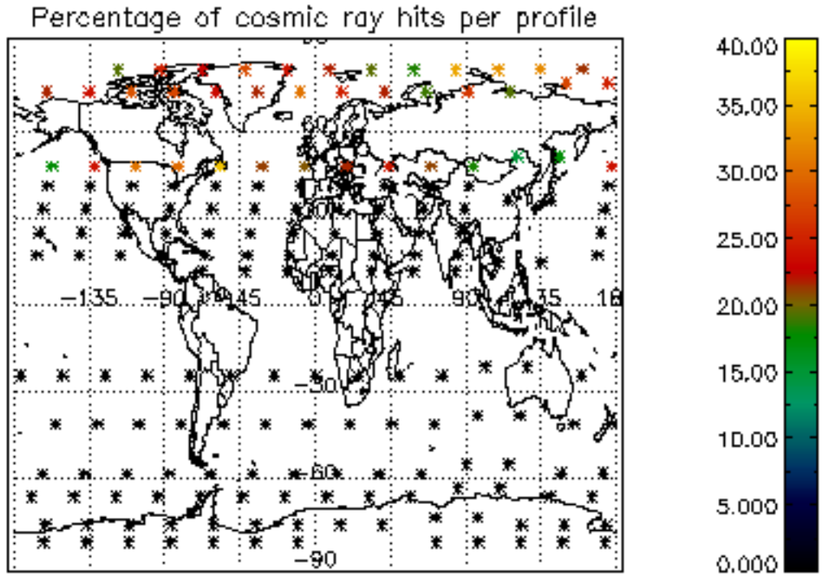

% of measurements per product:
value (%)
0
10
20
30
40
50
00:00.00 09/12/2007
04:00.00 09/12/2007
08:00.00 09/12/2007
12:00.00 09/12/2007
16:00.00 09/12/2007
20:00.00 09/12/2007
00:00.00 10/12/2007
Time

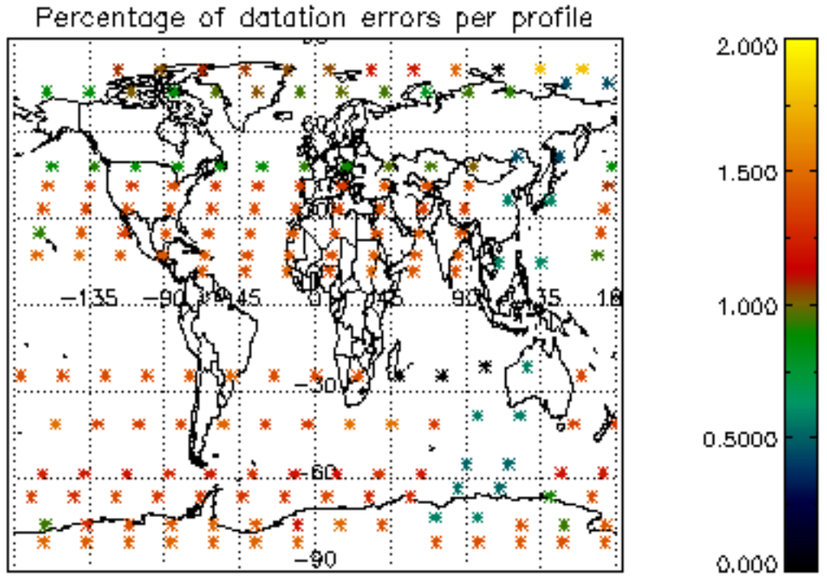

Percentage of cosmic ray hits per profile
100.0
80.00
60.00
40.00
20.00
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

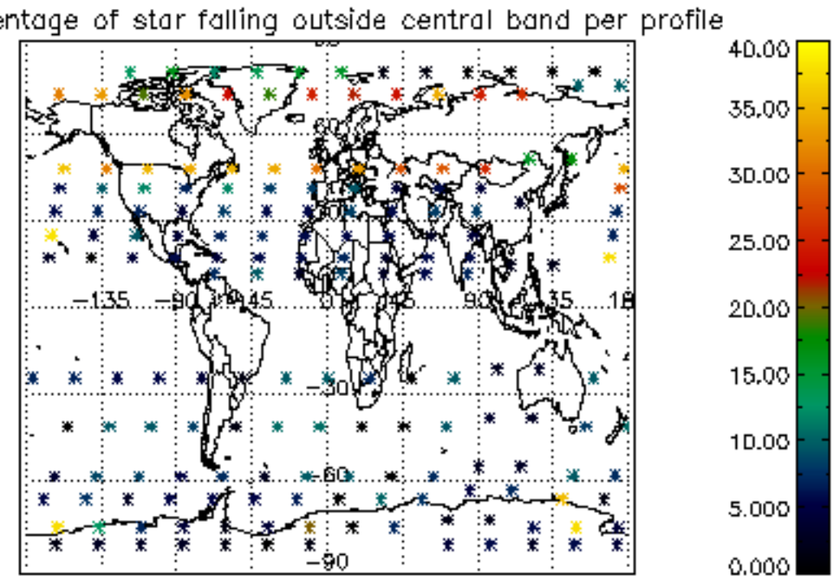

Percentage of datation errors per profile
1.400
1.200
1.000
0.8000
0.6000
0.4000
0.2000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

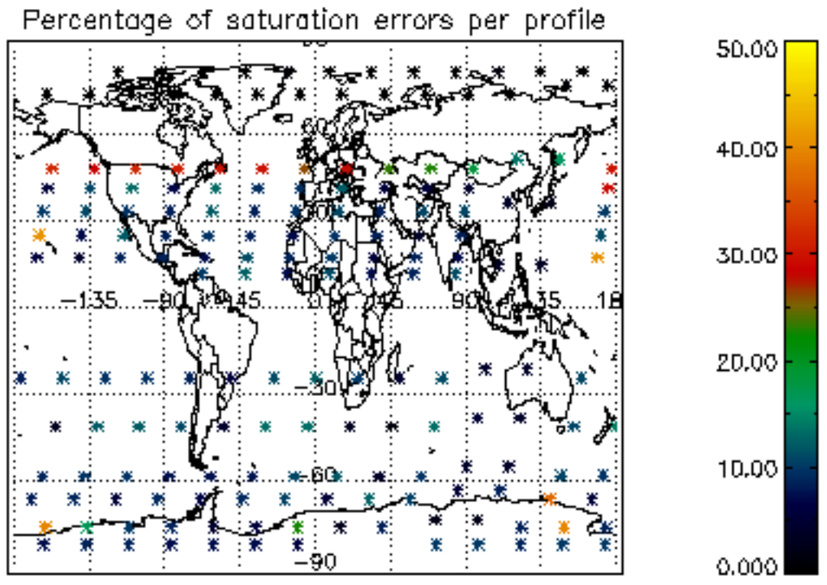

Percentage of star falling outside central band per profile
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

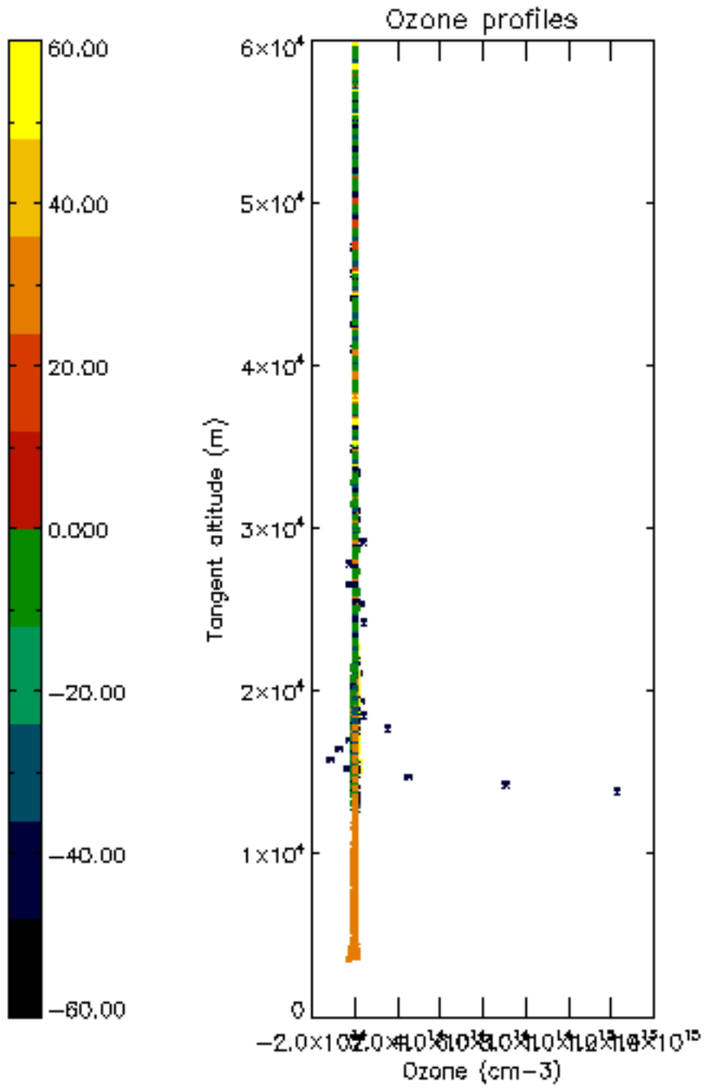

Percentage of saturation errors per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

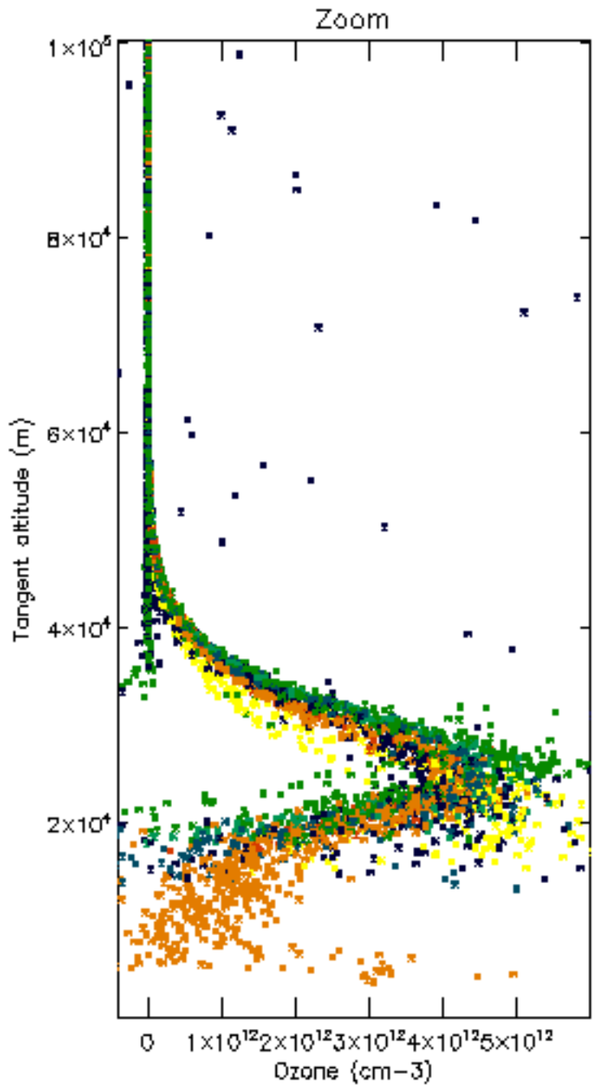

Percentage of cosmic ray hits per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

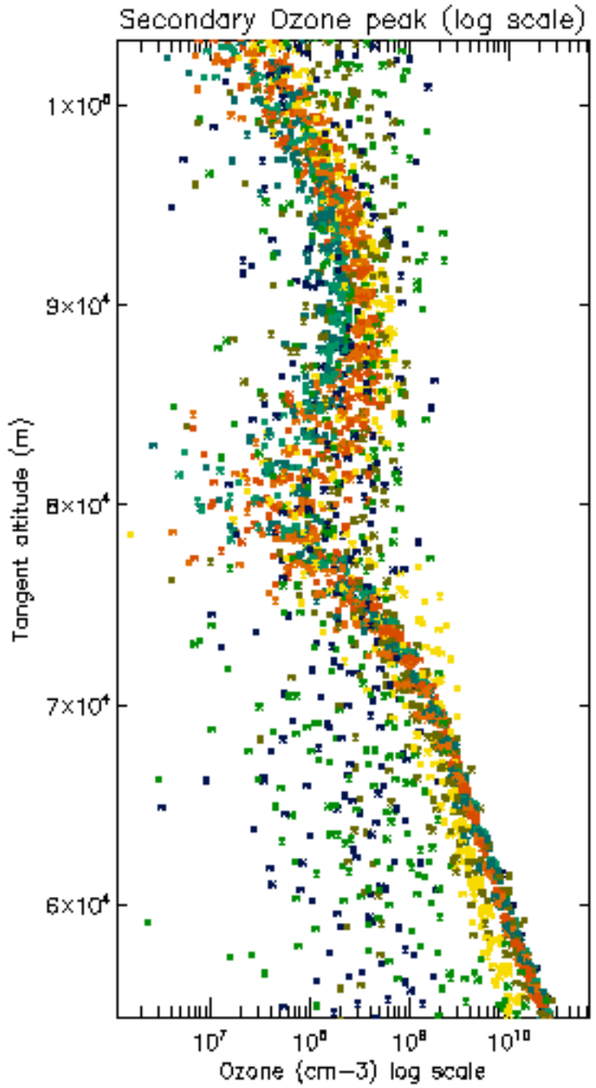

Percentage of datation errors per profile
2.000
1.500
1.000
0.5000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

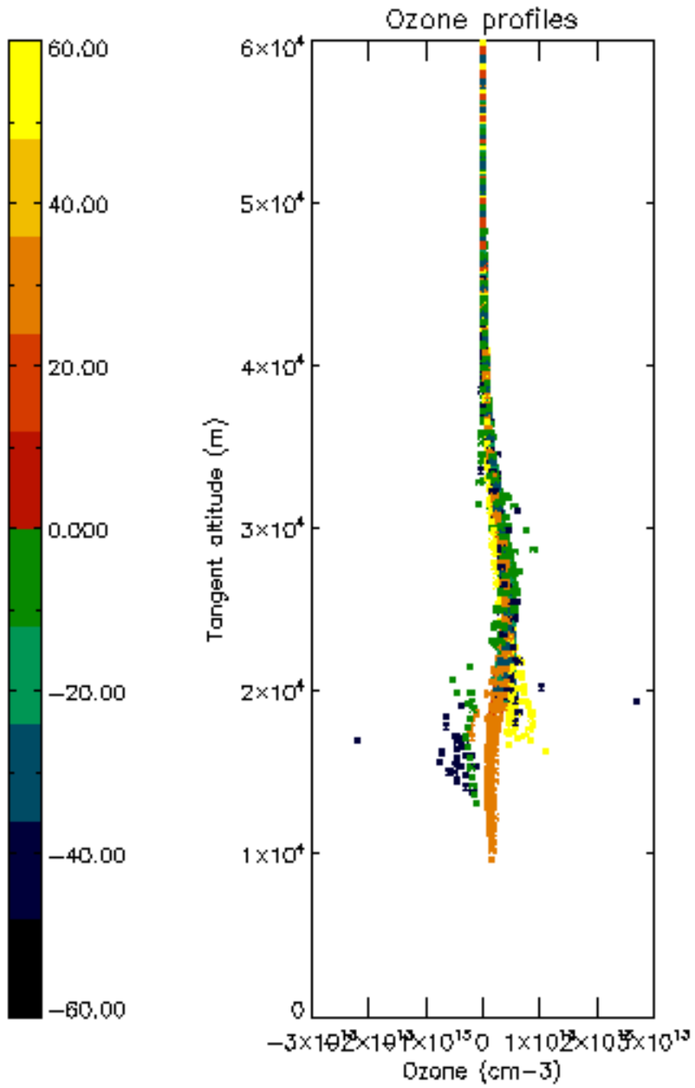

Percentage of star falling outside central band per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90


Percentage of saturation errors per profile
50.00
40.00
30.00
20.00
10.00
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90


Ozone profiles
60.00
40.00
20.00
0.000
−20.00
−40.00
−60.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
Ozone (cm−3)

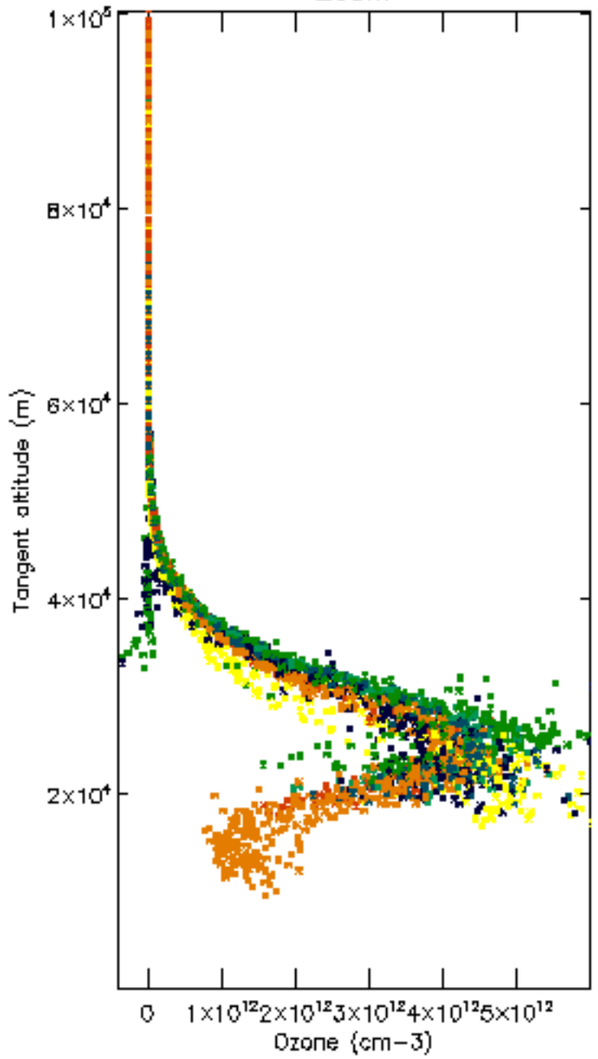

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Tangent altitude (m)
Ozone (cm−3)


Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
10⁷
10⁸
10⁹
10¹⁰
Tangent altitude (m)
Ozone (cm−3) log scale

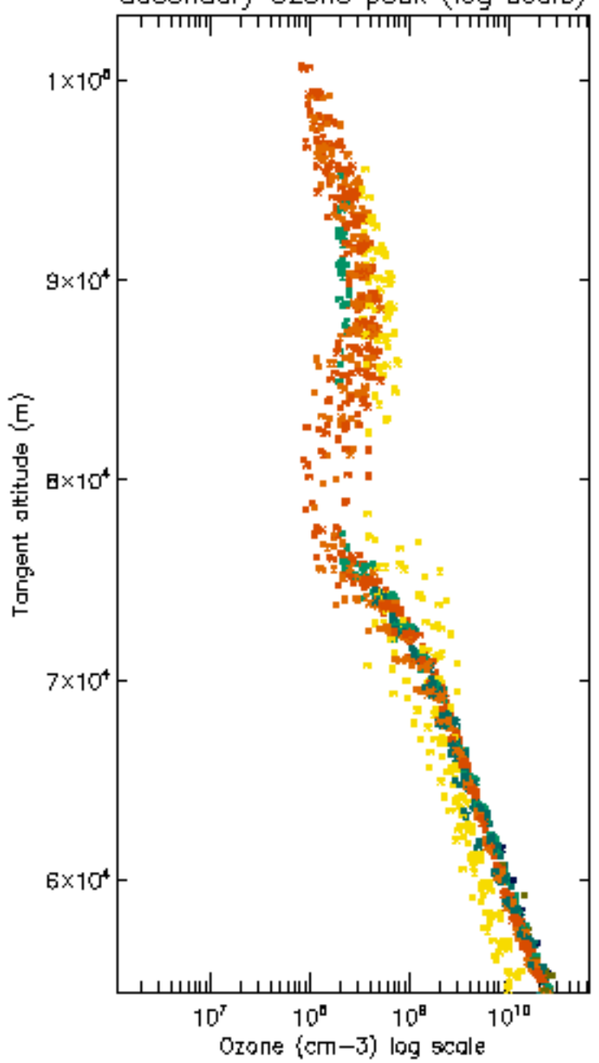


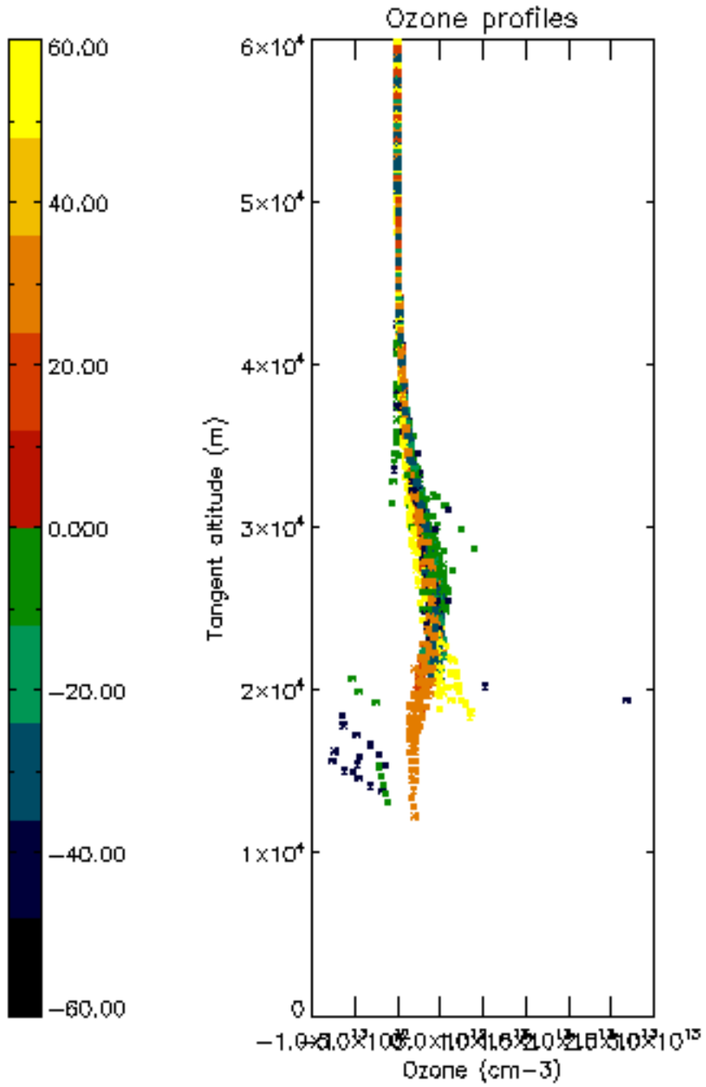
Ozone profiles

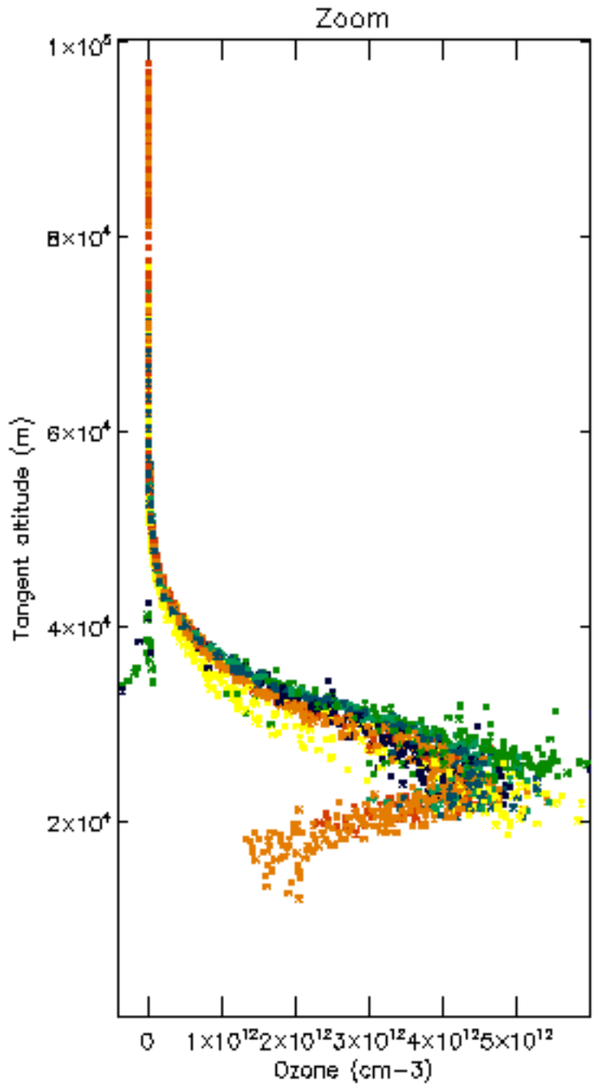
Zoom

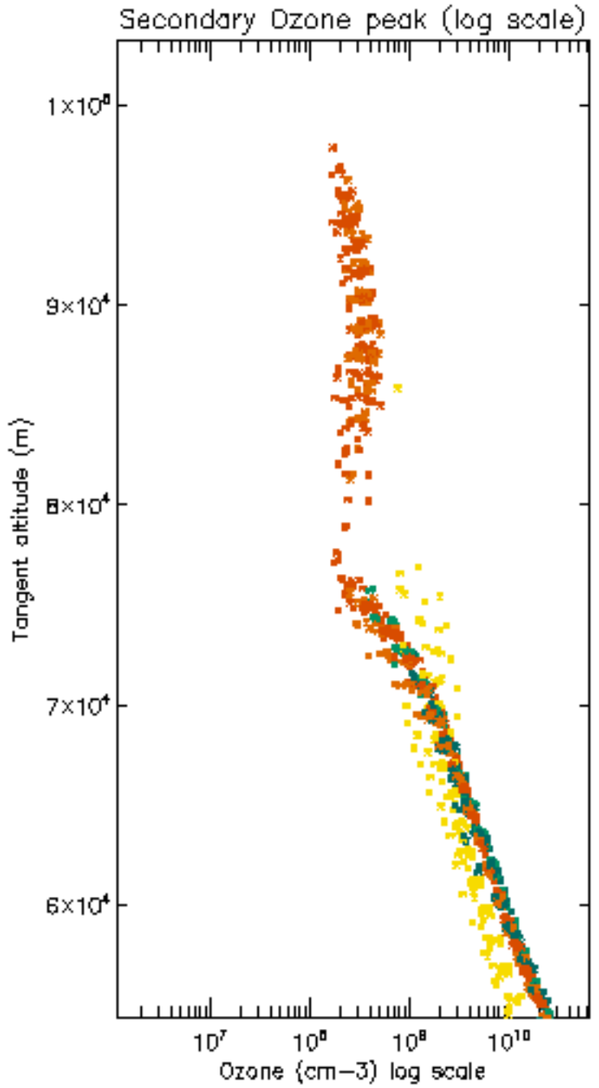


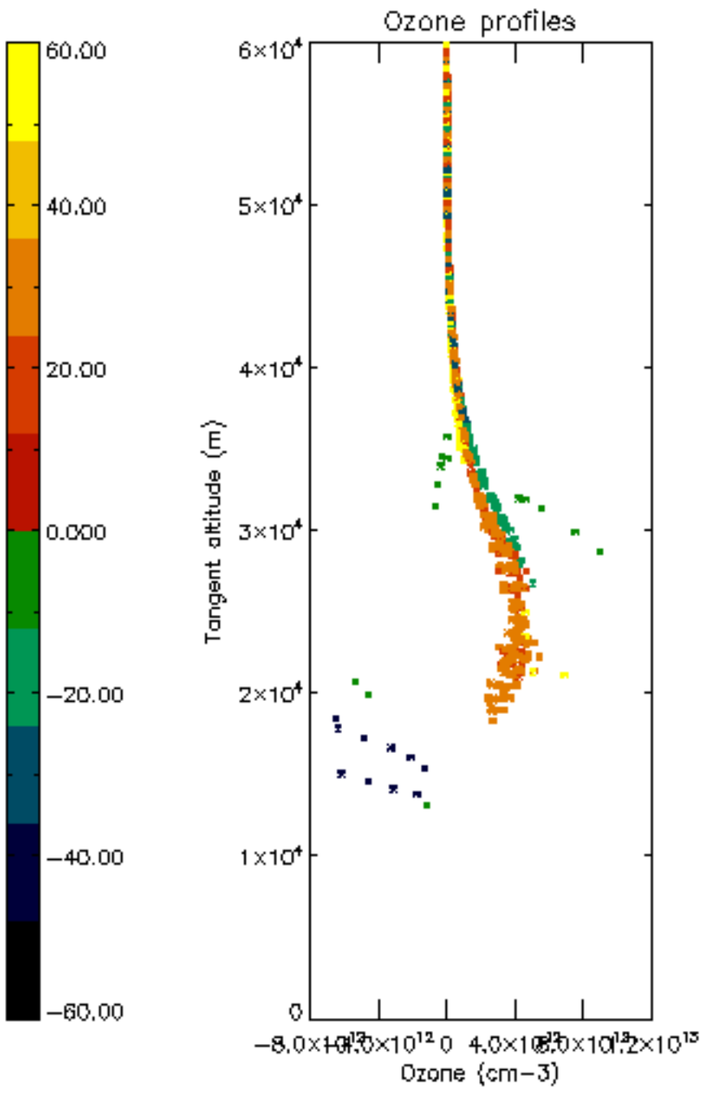
Secondary Ozone peak (log scale)

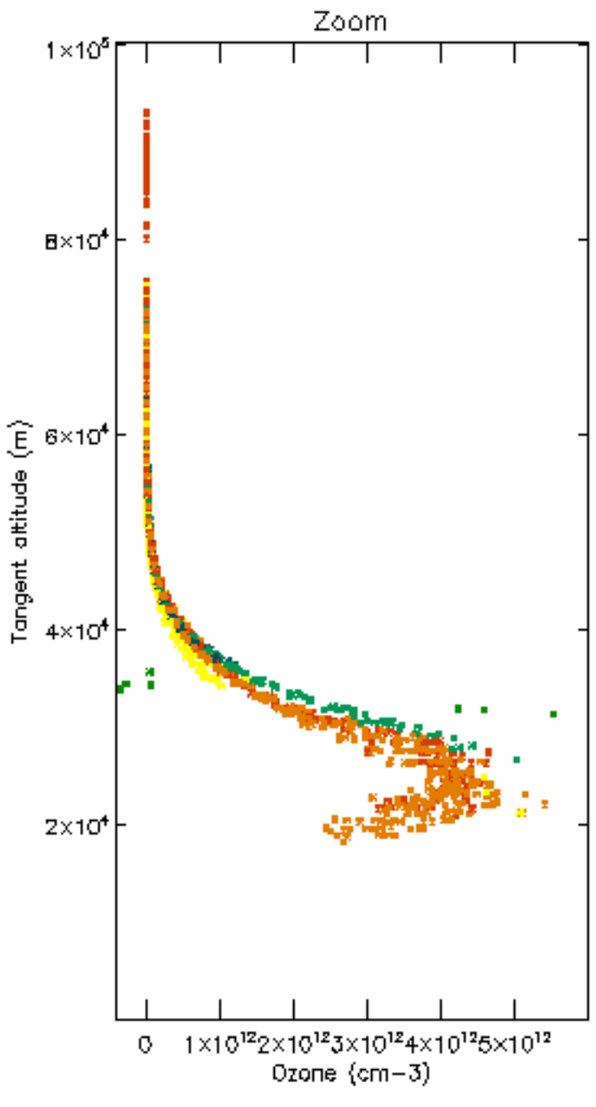


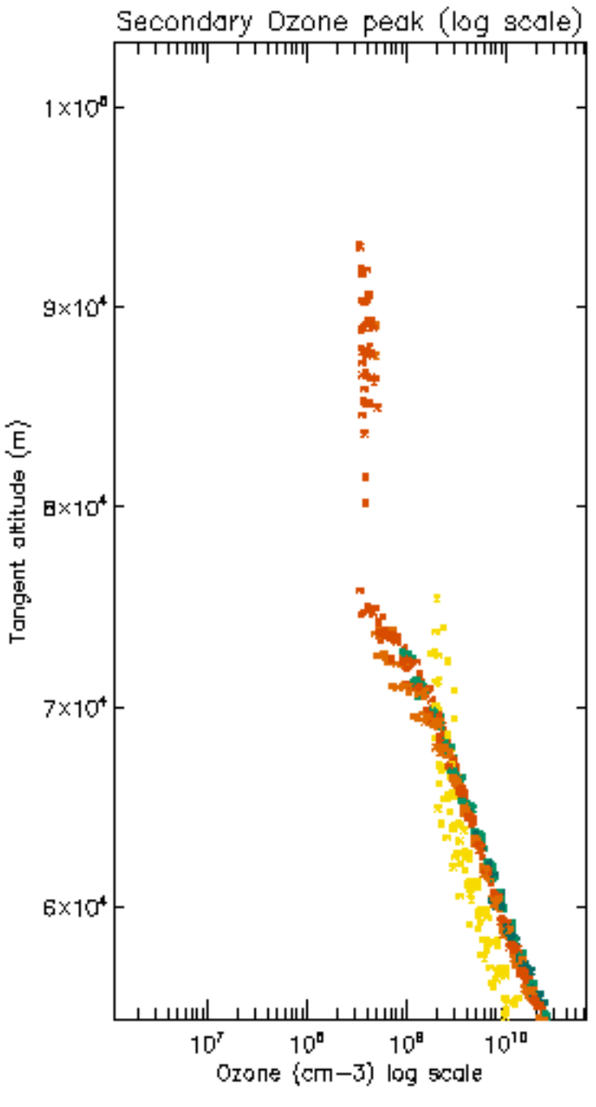

Ozone profiles
60.00
40.00
20.00
0.000
−20.00
−40.00
−60.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m
Ozone (cm−3)

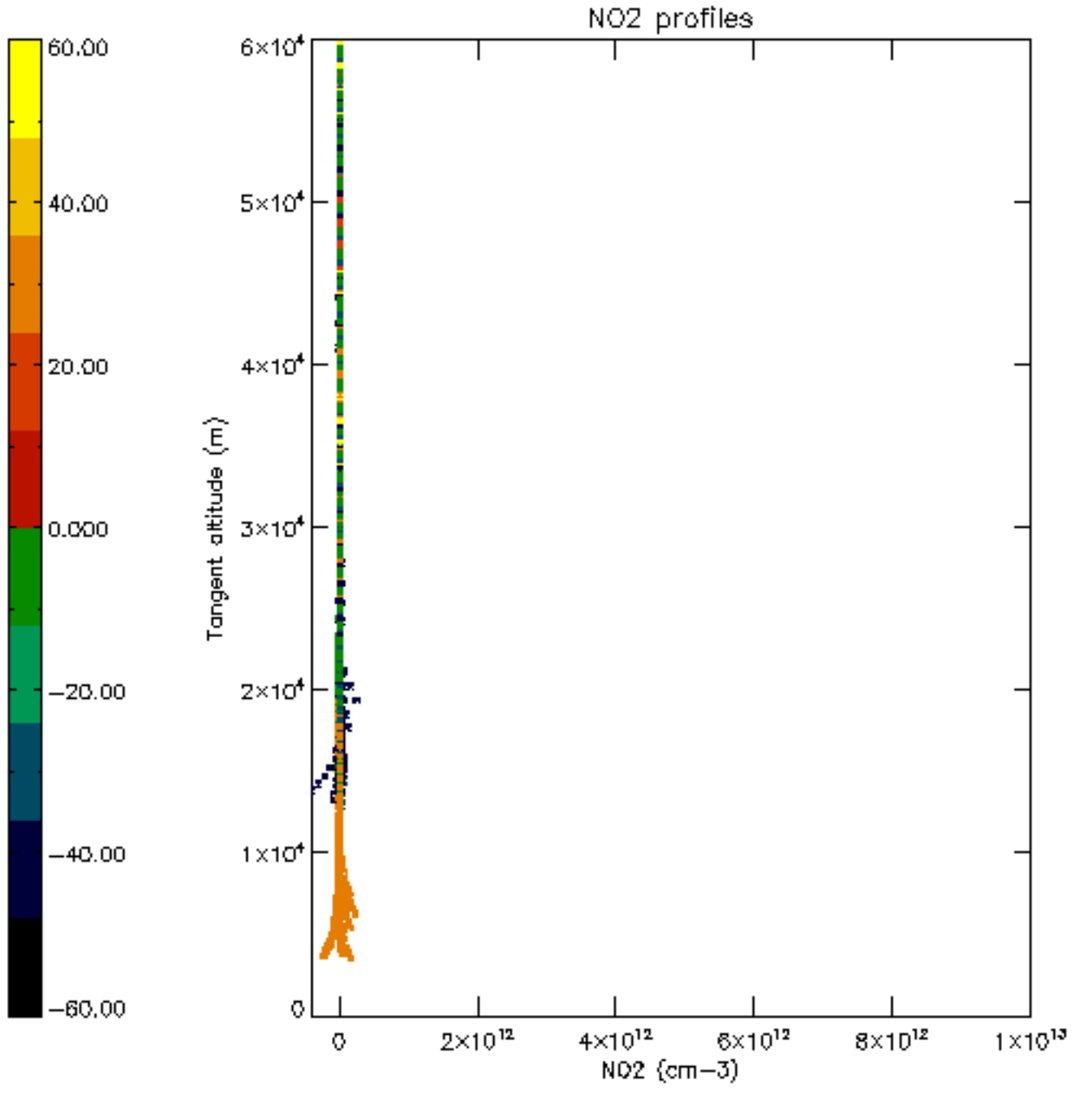

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)

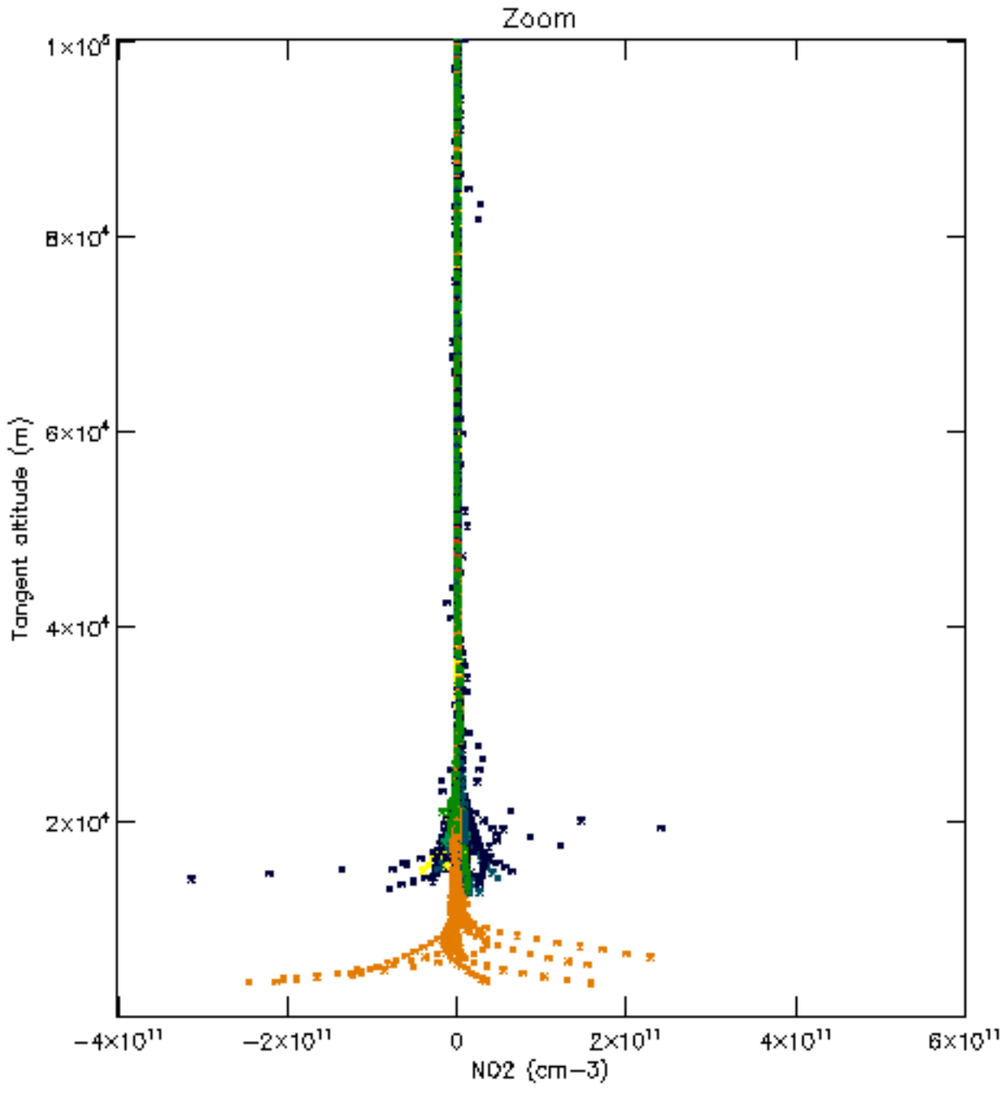

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m
10⁷
10⁸
10⁹
10¹⁰
Ozone (cm−3) log scale

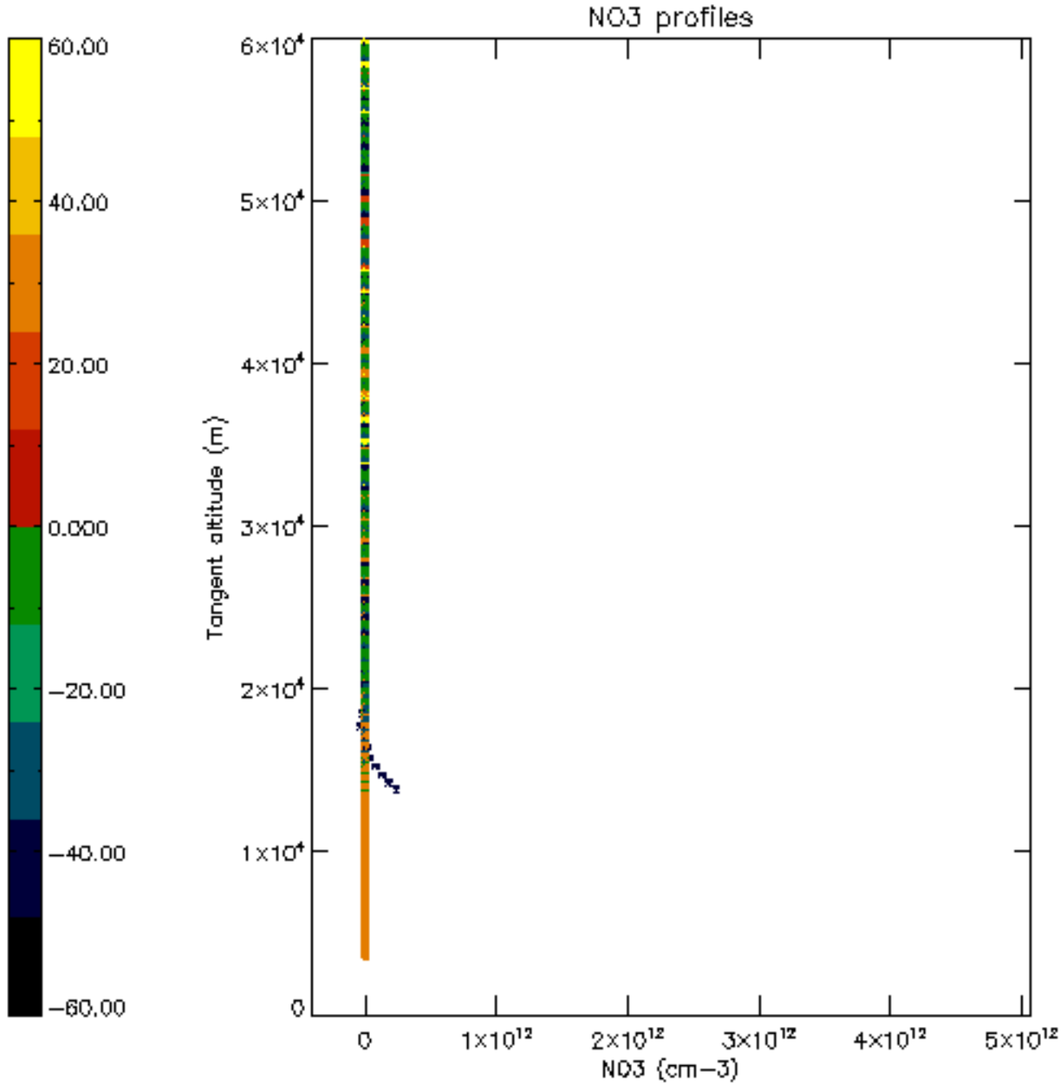

Ozone profiles
60.00
40.00
20.00
0.000
−20.00
−40.00
−60.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−8.0×10¹²
0
4.0×10¹²
Ozone (cm−3)

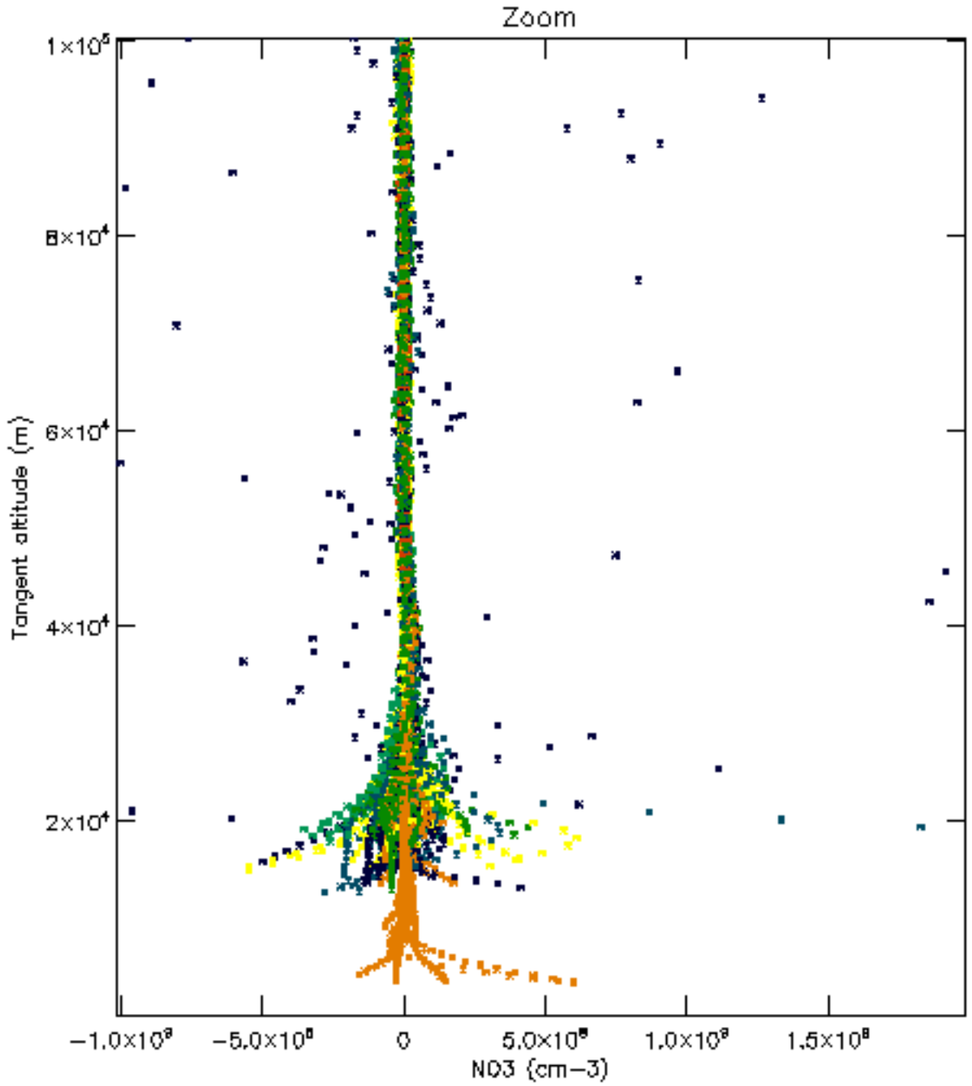

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)

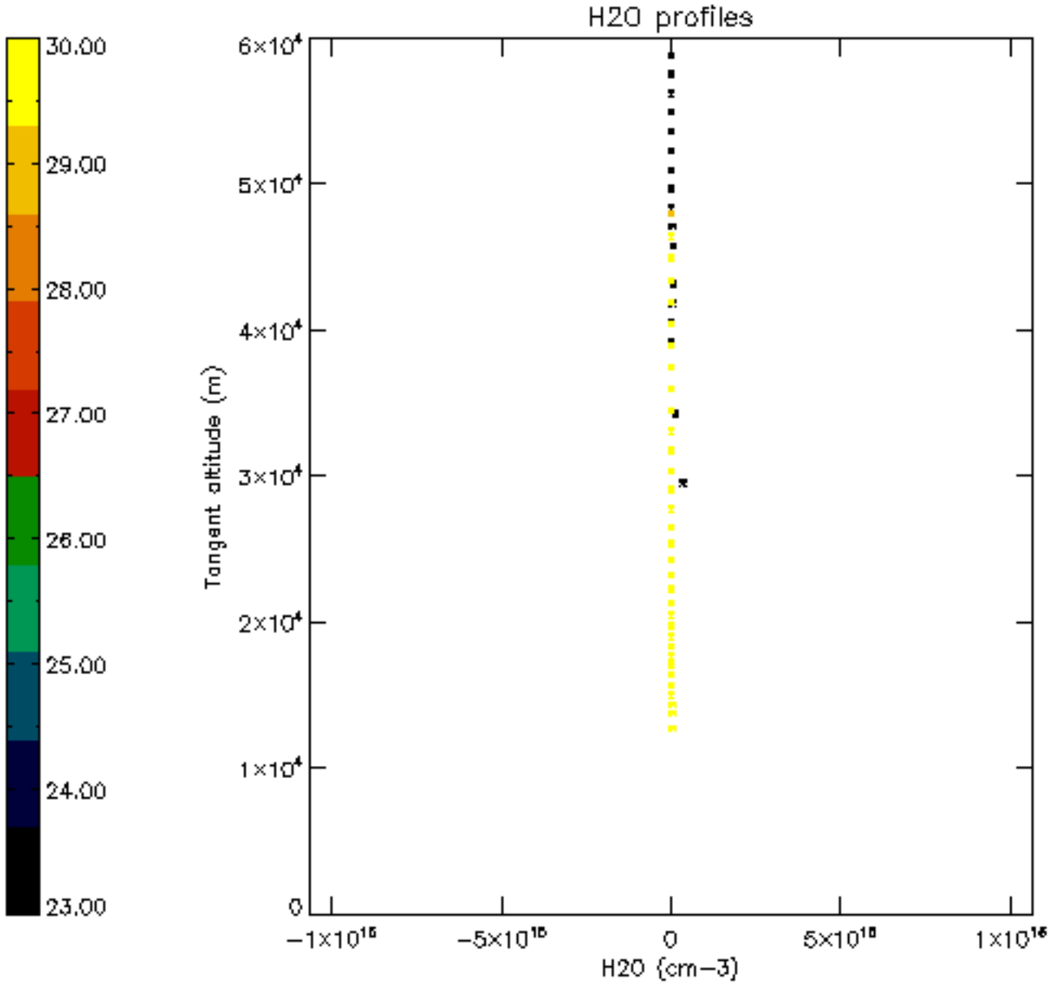

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m)
10⁷
10⁸
10⁹
10¹⁰
Ozone (cm−3) log scale

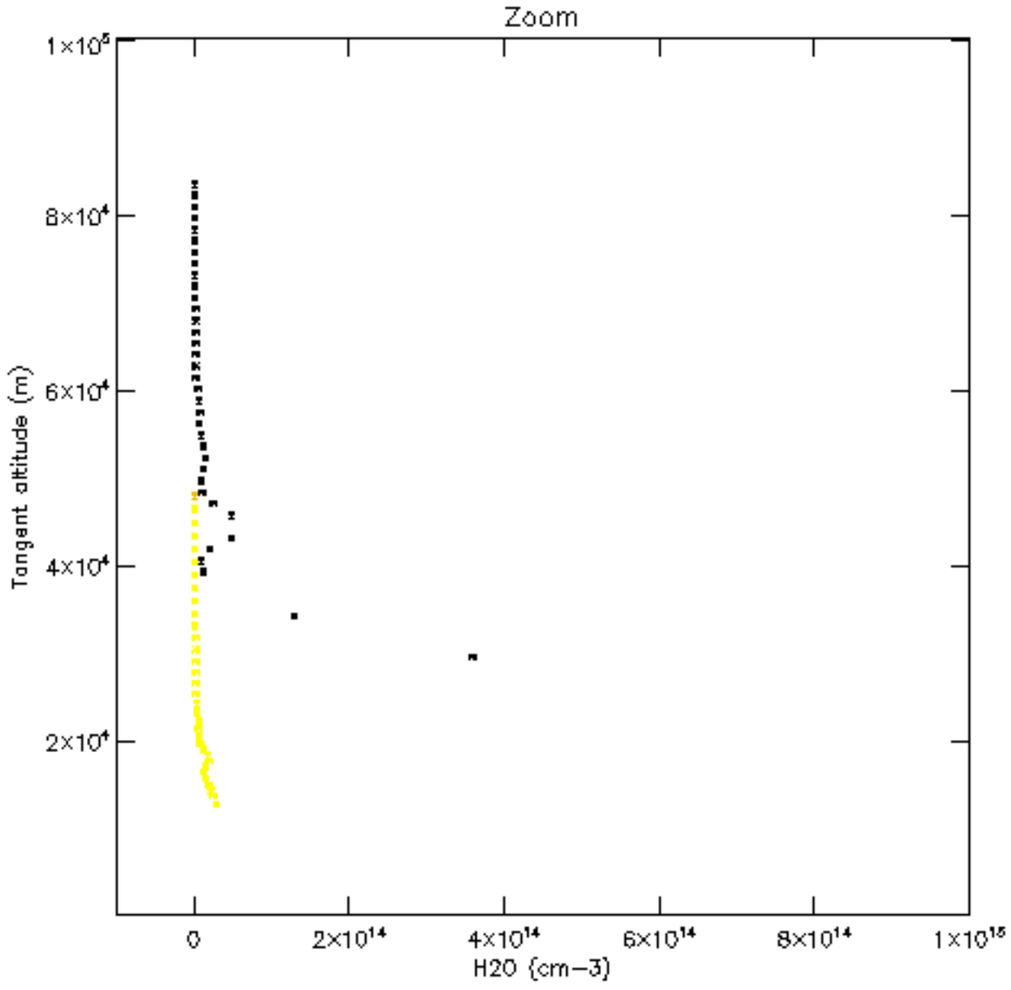

NO2 profiles
60.00
40.00
20.00
0.000
−20.00
−40.00
−60.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
2×10¹²
4×10¹²
6×10¹²
8×10¹²
1×10¹³
NO2 (cm−3)


Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
−4×10¹¹
−2×10¹¹
0
2×10¹¹
4×10¹¹
6×10¹¹
NO2 (cm−3)


NO3 profiles
60.00
40.00
20.00
0.000
−20.00
−40.00
−60.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
NO3 (cm−3)


Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
−1.0×10⁹
−5.0×10⁸
0
5.0×10⁸
1.0×10⁹
1.5×10⁹
NO3 (cm−3)


H2O profiles
30.00
29.00
28.00
27.00
26.00
25.00
24.00
23.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−1×10¹⁵
−5×10¹⁵
0
5×10¹⁵
1×10¹⁶
H2O (cm−3)


Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
2×10¹⁴
4×10¹⁴
6×10¹⁴
8×10¹⁴
1×10¹⁵
H2O (cm−3)