GOMOS Level 2 Daily Report

SUMMARY

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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	25APR2013 08:35:49
Data source version	GOMOS/6.01
Start time of products	02-01-2009 (02JAN2009 00:00:00)
Stop time of products	03-01-2009 (03JAN2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	377
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__2PRFIN20090102_000246_000000342075_00145_35770_0427.N1	02-JAN-2009 00:02:46	Bright	34.000	44	24Gam Gem	1.9280	11000.	68	35770	No
2	GOM_NL__2PRFIN20090102_000424_000000472075_00145_35770_0428.N1	02-JAN-2009 00:04:24	Bright	46.500	151	13Mu Gem	2.8900	3000.0	93	35770	No
3	GOM_NL__2PRFIN20090102_000654_000000372075_00145_35770_0429.N1	02-JAN-2009 00:06:54	Bright	37.000	114	3Iot Aur	2.6930	4600.0	74	35770	No
4	GOM_NL__2PRFIN20090102_000824_000000392075_00145_35770_0430.N1	02-JAN-2009 00:08:24	Bright	38.500	107	37The Aur	2.6490	11000.	77	35770	No
5	GOM_NL__2PRFIN20090102_001033_000000422075_00145_35770_0431.N1	02-JAN-2009 00:10:33	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	35770	No
6	GOM_NL__2PRFIN20090102_002245_000000352075_00145_35770_0432.N1	02-JAN-2009 00:22:45	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	35770	No
7	GOM_NL__2PRFIN20090102_002710_000000342075_00145_35770_0433.N1	02-JAN-2009 00:27:10	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	35770	No
8	GOM_NL__2PRFIN20090102_003104_000000392075_00145_35770_0434.N1	02-JAN-2009 00:31:04	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	35770	No
9	GOM_NL__2PRFIN20090102_003926_000000522075_00145_35770_0435.N1	02-JAN-2009 00:39:26	Bright	52.000	133	40Zet Her	2.8070	6000.0	104	35770	No
10	GOM_NL__2PRFIN20090102_004200_000000632075_00145_35770_0436.N1	02-JAN-2009 00:42:00	Bright	63.000	83		2.3780	11000.	126	35770	No
11	GOM_NL__2PRFIN20090102_004717_000000372075_00145_35770_0437.N1	02-JAN-2009 00:47:17	Bright	36.500	102	24Alp Ser	2.6000	4250.0	73	35770	No
12	GOM_NL__2PRFIN20090102_005224_000000382075_00145_35770_0438.N1	02-JAN-2009 00:52:24	Bright	37.500	104	27Bet Lib	2.6140	13100.	75	35770	No
13	GOM_NL__2PRFIN20090102_005506_000000472075_00145_35770_0439.N1	02-JAN-2009 00:55:06	Twi_and_stray	46.500	122	9Alp2Lib	2.7470	9700.0	93	35770	No
14	GOM_NL__2PRFIN20090102_010315_000000422075_00145_35770_0440.N1	02-JAN-2009 01:03:15	Dark	41.500	78	Alp Lup	2.3040	28000.	83	35770	No
15	GOM_NL__2PRFIN20090102_010704_000000432075_00146_35771_0426.N1	02-JAN-2009 01:07:04	Dark	42.500	10	Bet Cen	0.61000	28000.	85	35771	No
16	GOM_NL__2PRFIN20090102_011338_000000382075_00146_35771_0427.N1	02-JAN-2009 01:13:38	Dark	38.000	124	The Car	2.7640	30000.	76	35771	No
17	GOM_NL__2PRFIN20090102_011531_000000382075_00146_35771_0428.N1	02-JAN-2009 01:15:31	Dark	38.000	29	Bet Car	1.6720	10200.	76	35771	No
18	GOM_NL__2PRFIN20090102_011657_000000412075_00146_35771_0429.N1	02-JAN-2009 01:16:57	Dark	41.000	71	Iot Car	2.2460	7700.0	82	35771	No
19	GOM_NL__2PRFIN20090102_011831_000000502075_00146_35771_0430.N1	02-JAN-2009 01:18:31	Dark	50.000	41	Eps Car	1.8600	4100.0	100	35771	No
20	GOM_NL__2PRFIN20090102_012037_000000352075_00146_35771_0431.N1	02-JAN-2009 01:20:37	Dark	35.000	65	Lam Vel	2.2040	4400.0	70	35771	No
21	GOM_NL__2PRFIN20090102_012144_000000442075_00146_35771_0432.N1	02-JAN-2009 01:21:44	Dark	43.500	34	Gam2Vel	1.7930	23000.	87	35771	No
22	GOM_NL__2PRFIN20090102_012355_000000462075_00146_35771_0433.N1	02-JAN-2009 01:23:55	Dark	45.500	70	Zet Pup	2.2460	39000.	91	35771	No
23	GOM_NL__2PRFIN20090102_012557_000000462075_00146_35771_0434.N1	02-JAN-2009 01:25:57	Dark	45.500	117	Pi Pup	2.7060	3800.0	91	35771	No
24	GOM_NL__2PRFIN20090102_012843_000000472075_00146_35771_0435.N1	02-JAN-2009 01:28:43	Straylight	46.500	23	21Eps CMa	1.5020	26000.	93	35771	No
25	GOM_NL__2PRFIN20090102_013015_000000452075_00146_35771_0436.N1	02-JAN-2009 01:30:15	Straylight	45.000	179	24Omi2CMa	3.0320	24000.	90	35771	No
26	GOM_NL__2PRFIN20090102_013241_000000492075_00146_35771_0437.N1	02-JAN-2009 01:32:41	Straylight	49.000	1	9Alp CMa	-1.4400	11000.	98	35771	No
27	GOM_NL__2PRFIN20090102_013550_000000432075_00146_35771_0438.N1	02-JAN-2009 01:35:50	Straylight	43.000	7	19Bet Ori	0.10000	14000.	86	35771	No
28	GOM_NL__2PRFIN20090102_013740_000000432075_00146_35771_0439.N1	02-JAN-2009 01:37:40	Straylight	42.500	30	46Eps Ori	1.6940	30000.	85	35771	No
29	GOM_NL__2PRFIN20090102_014009_000000502075_00146_35771_0440.N1	02-JAN-2009 01:40:09	Twi_and_stray	50.000	14	58Alp Ori	0.87000	3000.0	100	35771	No
30	GOM_NL__2PRFIN20090102_014321_000000342075_00146_35771_0441.N1	02-JAN-2009 01:43:21	Twi_and_stray	34.000	44	24Gam Gem	1.9280	11000.	68	35771	No
31	GOM_NL__2PRFIN20090102_014459_000000492075_00146_35771_0442.N1	02-JAN-2009 01:44:59	Bright	48.500	151	13Mu Gem	2.8900	3000.0	97	35771	No
32	GOM_NL__2PRFIN20090102_014730_000000392075_00146_35771_0443.N1	02-JAN-2009 01:47:30	Bright	38.500	114	3Iot Aur	2.6930	4600.0	77	35771	No
33	GOM_NL__2PRFIN20090102_014900_000000382075_00146_35771_0444.N1	02-JAN-2009 01:49:00	Bright	37.500	107	37The Aur	2.6490	11000.	75	35771	No
34	GOM_NL__2PRFIN20090102_015108_000000532075_00146_35771_0445.N1	02-JAN-2009 01:51:08	Bright	53.000	6	13Alp Aur	0.080000	3400.0	106	35771	No
35	GOM_NL__2PRFIN20090102_020321_000000352075_00146_35771_0446.N1	02-JAN-2009 02:03:21	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	35771	No
36	GOM_NL__2PRFIN20090102_020746_000000402075_00146_35771_0447.N1	02-JAN-2009 02:07:46	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	35771	No
37	GOM_NL__2PRFIN20090102_021140_000000392075_00146_35771_0448.N1	02-JAN-2009 02:11:40	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	35771	No
38	GOM_NL__2PRFIN20090102_022002_000000492075_00146_35771_0449.N1	02-JAN-2009 02:20:02	Bright	49.000	133	40Zet Her	2.8070	6000.0	98	35771	No
39	GOM_NL__2PRFIN20090102_022236_000000562075_00146_35771_0450.N1	02-JAN-2009 02:22:36	Bright	56.000	83		2.3780	11000.	112	35771	No
40	GOM_NL__2PRFIN20090102_022753_000000362075_00146_35771_0451.N1	02-JAN-2009 02:27:53	Bright	36.000	102	24Alp Ser	2.6000	4250.0	72	35771	No
41	GOM_NL__2PRFIN20090102_023300_000000552075_00146_35771_0452.N1	02-JAN-2009 02:33:00	Bright	54.500	104	27Bet Lib	2.6140	13100.	109	35771	No
42	GOM_NL__2PRFIN20090102_024222_000000392075_00146_35771_0453.N1	02-JAN-2009 02:42:22	Dark	38.500	109	Bet Lup	2.6770	26000.	77	35771	No

43	GOM_NL__2PRFIN20090102_024350_000000382075_00146_35771_0454.N1	02-JAN-2009 02:43:50	Dark	37.500	78	Alp Lup	2.3040	28000.	75	35771	No
44	GOM_NL__2PRFIN20090102_024521_000000412075_00146_35771_0455.N1	02-JAN-2009 02:45:21	Dark	40.500	95	Zet Cen	2.5450	26000.	81	35771	No
45	GOM_NL__2PRFIN20090102_024740_000000412075_00147_35772_0456.N1	02-JAN-2009 02:47:40	Dark	41.000	10	Bet Cen	0.61000	28000.	82	35772	No
46	GOM_NL__2PRFIN20090102_035216_000000382075_00147_35772_0441.N1	02-JAN-2009 03:52:16	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	35772	No
47	GOM_NL__2PRFIN20090102_040038_000000342075_00147_35772_0442.N1	02-JAN-2009 04:00:38	Bright	33.500	133	40Zet Her	2.8070	6000.0	67	35772	No
48	GOM_NL__2PRFIN20090102_040314_000000402075_00147_35772_0443.N1	02-JAN-2009 04:03:14	Bright	39.500	83		2.3780	11000.	79	35772	No
49	GOM_NL__2PRFIN20090102_040830_000000542075_00147_35772_0444.N1	02-JAN-2009 04:08:30	Bright	54.000	102	24Alp Ser	2.6000	4250.0	108	35772	No
50	GOM_NL__2PRFIN20090102_041047_000000522075_00147_35772_0445.N1	02-JAN-2009 04:10:47	Bright	52.000	120	1Del Oph	2.7340	3200.0	104	35772	No
51	GOM_NL__2PRFIN20090102_041336_000000562075_00147_35772_0446.N1	02-JAN-2009 04:13:36	Bright	56.000	104	27Bet Lib	2.6140	13100.	112	35772	No
52	GOM_NL__2PRFIN20090102_041619_000000462075_00147_35772_0447.N1	02-JAN-2009 04:16:19	Twi_and_stray	46.000	122	9Alp2Lib	2.7470	9700.0	92	35772	No
53	GOM_NL__2PRFIN20090102_042258_000000402075_00147_35772_0448.N1	02-JAN-2009 04:22:58	Dark	39.500	109	Bet Lup	2.6770	26000.	79	35772	No
54	GOM_NL__2PRFIN20090102_042427_000000422075_00147_35772_0449.N1	02-JAN-2009 04:24:27	Dark	42.000	78	Alp Lup	2.3040	28000.	84	35772	No
55	GOM_NL__2PRFIN20090102_042559_000000392075_00147_35772_0450.N1	02-JAN-2009 04:25:59	Dark	39.000	95	Zet Cen	2.5450	26000.	78	35772	No
56	GOM_NL__2PRFIN20090102_042817_000000502075_00148_35773_0449.N1	02-JAN-2009 04:28:17	Dark	49.500	10	Bet Cen	0.61000	28000.	99	35773	No
57	GOM_NL__2PRFIN20090102_043450_000000392075_00148_35773_0450.N1	02-JAN-2009 04:34:50	Dark	38.500	124	The Car	2.7640	30000.	77	35773	No
58	GOM_NL__2PRFIN20090102_043643_000000392075_00148_35773_0451.N1	02-JAN-2009 04:36:43	Dark	38.500	29	Bet Car	1.6720	10200.	77	35773	No
59	GOM_NL__2PRFIN20090102_043811_000000412075_00148_35773_0452.N1	02-JAN-2009 04:38:11	Dark	41.000	71	Iot Car	2.2460	7700.0	82	35773	No
60	GOM_NL__2PRFIN20090102_043944_000000462075_00148_35773_0453.N1	02-JAN-2009 04:39:44	Dark	46.000	41	Eps Car	1.8600	4100.0	92	35773	No
61	GOM_NL__2PRFIN20090102_044149_000000372075_00148_35773_0454.N1	02-JAN-2009 04:41:49	Dark	37.000	65	Lam Vel	2.2040	4400.0	74	35773	No
62	GOM_NL__2PRFIN20090102_044256_000000472075_00148_35773_0455.N1	02-JAN-2009 04:42:56	Dark	46.500	34	Gam2Vel	1.7930	23000.	93	35773	No
63	GOM_NL__2PRFIN20090102_044508_000000462075_00148_35773_0456.N1	02-JAN-2009 04:45:08	Dark	45.500	70	Zet Pup	2.2460	39000.	91	35773	No
64	GOM_NL__2PRFIN20090102_044709_000000492075_00148_35773_0457.N1	02-JAN-2009 04:47:09	Dark	48.500	117	Pi Pup	2.7060	3800.0	97	35773	No
65	GOM_NL__2PRFIN20090102_044956_000000482075_00148_35773_0458.N1	02-JAN-2009 04:49:56	Straylight	47.500	23	21Eps CMa	1.5020	26000.	95	35773	No
66	GOM_NL__2PRFIN20090102_045128_000000432075_00148_35773_0459.N1	02-JAN-2009 04:51:28	Straylight	43.000	179	24Omi2CMa	3.0320	24000.	86	35773	No
67	GOM_NL__2PRFIN20090102_045353_000000532075_00148_35773_0460.N1	02-JAN-2009 04:53:53	Straylight	52.500	1	9Alp CMa	-1.4400	11000.	105	35773	No
68	GOM_NL__2PRFIN20090102_045702_000000512075_00148_35773_0461.N1	02-JAN-2009 04:57:02	Straylight	51.000	7	19Bet Ori	0.10000	14000.	102	35773	No
69	GOM_NL__2PRFIN20090102_045852_000000432075_00148_35773_0462.N1	02-JAN-2009 04:58:52	Straylight	42.500	30	46Eps Ori	1.6940	30000.	85	35773	No
70	GOM_NL__2PRFIN20090102_050121_000000512075_00148_35773_0463.N1	02-JAN-2009 05:01:21	Twi_and_stray	50.500	14	58Alp Ori	0.87000	3000.0	101	35773	No
71	GOM_NL__2PRFIN20090102_050432_000000422075_00148_35773_0464.N1	02-JAN-2009 05:04:32	Bright	42.000	44	24Gam Gem	1.9280	11000.	84	35773	No
72	GOM_NL__2PRFIN20090102_050611_000000462075_00148_35773_0465.N1	02-JAN-2009 05:06:11	Bright	45.500	151	13Mu Gem	2.8900	3000.0	91	35773	No
73	GOM_NL__2PRFIN20090102_050843_000000382075_00148_35773_0466.N1	02-JAN-2009 05:08:43	Bright	37.500	114	3Iot Aur	2.6930	4600.0	75	35773	No
74	GOM_NL__2PRFIN20090102_051012_000000362075_00148_35773_0467.N1	02-JAN-2009 05:10:12	Bright	36.000	107	37The Aur	2.6490	11000.	72	35773	No
75	GOM_NL__2PRFIN20090102_051220_000000422075_00148_35773_0468.N1	02-JAN-2009 05:12:20	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	35773	No
76	GOM_NL__2PRFIN20090102_052432_000000382075_00148_35773_0469.N1	02-JAN-2009 05:24:32	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	35773	No
77	GOM_NL__2PRFIN20090102_052858_000000392075_00148_35773_0470.N1	02-JAN-2009 05:28:58	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	35773	No
78	GOM_NL__2PRFIN20090102_053252_000000382075_00148_35773_0471.N1	02-JAN-2009 05:32:52	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	35773	No
79	GOM_NL__2PRFIN20090102_054114_000000352075_00148_35773_0472.N1	02-JAN-2009 05:41:14	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	35773	No
80	GOM_NL__2PRFIN20090102_054348_000000422075_00148_35773_0473.N1	02-JAN-2009 05:43:48	Bright	42.000	83		2.3780	11000.	84	35773	No
81	GOM_NL__2PRFIN20090102_054906_000000362075_00148_35773_0474.N1	02-JAN-2009 05:49:06	Bright	36.000	102	24Alp Ser	2.6000	4250.0	72	35773	No
82	GOM_NL__2PRFIN20090102_055124_000000352075_00148_35773_0475.N1	02-JAN-2009 05:51:24	Bright	34.500	120	1Del Oph	2.7340	3200.0	69	35773	No
83	GOM_NL__2PRFIN20090102_055413_000000562075_00148_35773_0476.N1	02-JAN-2009 05:54:13	Bright	56.000	104	27Bet Lib	2.6140	13100.	112	35773	No
84	GOM_NL__2PRFIN20090102_055655_000000482075_00148_35773_0477.N1	02-JAN-2009 05:56:55	Twi_and_stray	48.000	122	9Alp2Lib	2.7470	9700.0	96	35773	No
85	GOM_NL__2PRFIN20090102_060334_000000392075_00148_35773_0478.N1	02-JAN-2009 06:03:34	Dark	39.000	109	Bet Lup	2.6770	26000.	78	35773	No
86	GOM_NL__2PRFIN20090102_060503_000000432075_00148_35773_0479.N1	02-JAN-2009 06:05:03	Dark	43.000	78	Alp Lup	2.3040	28000.	86	35773	No
87	GOM_NL__2PRFIN20090102_060635_000000402075_00148_35773_0480.N1	02-JAN-2009 06:06:35	Dark	40.000	95	Zet Cen	2.5450	26000.	80	35773	No
88	GOM_NL__2PRFIN20090102_060853_000000522075_00149_35774_0487.N1	02-JAN-2009 06:08:53	Dark	51.500	10	Bet Cen	0.61000	28000.	103	35774	No
89	GOM_NL__2PRFIN20090102_061526_000000392075_00149_35774_0488.N1	02-JAN-2009 06:15:26	Dark	39.000	124	The Car	2.7640	30000.	78	35774	No
90	GOM_NL__2PRFIN20090102_061720_000000422075_00149_35774_0489.N1	02-JAN-2009 06:17:20	Dark	41.500	29	Bet Car	1.6720	10200.	83	35774	No
91	GOM_NL__2PRFIN20090102_061847_000000412075_00149_35774_0490.N1	02-JAN-2009 06:18:47	Dark	40.500	71	Iot Car	2.2460	7700.0	81	35774	No
92	GOM_NL__2PRFIN20090102_062021_000000442075_00149_35774_0491.N1	02-JAN-2009 06:20:21	Dark	44.000	41	Eps Car	1.8600	4100.0	88	35774	No
93	GOM_NL__2PRFIN20090102_062226_000000402075_00149_35774_0492.N1	02-JAN-2009 06:22:26	Dark	40.000	65	Lam Vel	2.2040	4400.0	80	35774	No
94	GOM_NL__2PRFIN20090102_062333_000000462075_00149_35774_0493.N1	02-JAN-2009 06:23:33	Dark	46.000	34	Gam2Vel	1.7930	23000.	92	35774	No
95	GOM_NL__2PRFIN20090102_062544_000000492075_00149_35774_0494.N1	02-JAN-2009 06:25:44	Dark	48.500	70	Zet Pup	2.2460	39000.	97	35774	No
96	GOM_NL__2PRFIN20090102_062746_000000462075_00149_35774_0495.N1	02-JAN-2009 06:27:46	Dark	45.500	117	Pi Pup	2.7060	3800.0	91	35774	No
97	GOM_NL__2PRFIN20090102_063032_000000472075_00149_35774_0496.N1	02-JAN-2009 06:30:32	Straylight	47.000	23	21Eps CMa	1.5020	26000.	94	35774	No
98	GOM_NL__2PRFIN20090102_063204_000000462075_00149_35774_0497.N1	02-JAN-2009 06:32:04	Straylight	46.000	179	24Omi2CMa	3.0320	24000.	92	35774	No
99	GOM_NL__2PRFIN20090102_063430_000000522075_00149_35774_0498.N1	02-JAN-2009 06:34:30	Straylight	51.500	1	9Alp CMa	-1.4400	11000.	103	35774	No
100	GOM_NL__2PRFIN20090102_063738_000000462075_00149_35774_0499.N1	02-JAN-2009 06:37:38	Straylight	45.500	7	19Bet Ori	0.10000	14000.	91	35774	No
101	GOM_NL__2PRFIN20090102_063928_000000422075_00149_35774_0500.N1	02-JAN-2009 06:39:28	Straylight	42.000	30	46Eps Ori	1.6940	30000.	84	35774	No

102	GOM_NL__2PRFIN20090102_064158_000000532075_00149_35774_0501.N1	02-JAN-2009 06:41:58	Twi_and_stray	53.000	14	58Alp Ori	0.87000	3000.0	106	35774	No
103	GOM_NL__2PRFIN20090102_064508_000000502075_00149_35774_0502.N1	02-JAN-2009 06:45:08	Bright	50.000	44	24Gam Gem	1.9280	11000.	100	35774	No
104	GOM_NL__2PRFIN20090102_064646_000000492075_00149_35774_0503.N1	02-JAN-2009 06:46:46	Bright	49.000	151	13Mu Gem	2.8900	3000.0	98	35774	No
105	GOM_NL__2PRFIN20090102_064918_000000382075_00149_35774_0504.N1	02-JAN-2009 06:49:18	Bright	38.000	114	3Iot Aur	2.6930	4600.0	76	35774	No
106	GOM_NL__2PRFIN20090102_065047_000000562075_00149_35774_0505.N1	02-JAN-2009 06:50:47	Bright	56.000	107	37The Aur	2.6490	11000.	112	35774	No
107	GOM_NL__2PRFIN20090102_065256_000000422075_00149_35774_0506.N1	02-JAN-2009 06:52:56	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	35774	No
108	GOM_NL__2PRFIN20090102_070509_000000362075_00149_35774_0507.N1	02-JAN-2009 07:05:09	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	35774	No
109	GOM_NL__2PRFIN20090102_070934_000000352075_00149_35774_0508.N1	02-JAN-2009 07:09:34	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	35774	No
110	GOM_NL__2PRFIN20090102_071328_000000382075_00149_35774_0509.N1	02-JAN-2009 07:13:28	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	35774	No
111	GOM_NL__2PRFIN20090102_072150_000000522075_00149_35774_0510.N1	02-JAN-2009 07:21:50	Bright	52.000	133	40Zet Her	2.8070	6000.0	104	35774	No
112	GOM_NL__2PRFIN20090102_072424_000000632075_00149_35774_0511.N1	02-JAN-2009 07:24:24	Bright	63.000	83		2.3780	11000.	126	35774	No
113	GOM_NL__2PRFIN20090102_072942_000000542075_00149_35774_0512.N1	02-JAN-2009 07:29:42	Bright	54.000	102	24Alp Ser	2.6000	4250.0	108	35774	No
114	GOM_NL__2PRFIN20090102_073200_000000342075_00149_35774_0513.N1	02-JAN-2009 07:32:00	Bright	34.000	120	1Del Oph	2.7340	3200.0	68	35774	No
115	GOM_NL__2PRFIN20090102_073449_000000562075_00149_35774_0514.N1	02-JAN-2009 07:34:49	Bright	56.000	104	27Bet Lib	2.6140	13100.	112	35774	No
116	GOM_NL__2PRFIN20090102_073732_000000452075_00149_35774_0515.N1	02-JAN-2009 07:37:32	Twi_and_stray	45.000	122	9Alp2Lib	2.7470	9700.0	90	35774	No
117	GOM_NL__2PRFIN20090102_074411_000000402075_00149_35774_0516.N1	02-JAN-2009 07:44:11	Dark	40.000	109	Bet Lup	2.6770	26000.	80	35774	No
118	GOM_NL__2PRFIN20090102_074540_000000412075_00149_35774_0517.N1	02-JAN-2009 07:45:40	Dark	41.000	78	Alp Lup	2.3040	28000.	82	35774	No
119	GOM_NL__2PRFIN20090102_074712_000000442075_00149_35774_0518.N1	02-JAN-2009 07:47:12	Dark	43.500	95	Zet Cen	2.5450	26000.	87	35774	No
120	GOM_NL__2PRFIN20090102_074930_000000422075_00150_35775_0499.N1	02-JAN-2009 07:49:30	Dark	41.500	10	Bet Cen	0.61000	28000.	83	35775	No
121	GOM_NL__2PRFIN20090102_075603_000000402075_00150_35775_0500.N1	02-JAN-2009 07:56:03	Dark	40.000	124	The Car	2.7640	30000.	80	35775	No
122	GOM_NL__2PRFIN20090102_075756_000000472075_00150_35775_0501.N1	02-JAN-2009 07:57:56	Dark	46.500	29	Bet Car	1.6720	10200.	93	35775	No
123	GOM_NL__2PRFIN20090102_075923_000000432075_00150_35775_0502.N1	02-JAN-2009 07:59:23	Dark	43.000	71	Iot Car	2.2460	7700.0	86	35775	No
124	GOM_NL__2PRFIN20090102_080057_000000482075_00150_35775_0503.N1	02-JAN-2009 08:00:57	Dark	48.000	41	Eps Car	1.8600	4100.0	96	35775	No
125	GOM_NL__2PRFIN20090102_080303_000000402075_00150_35775_0504.N1	02-JAN-2009 08:03:03	Dark	40.000	65	Lam Vel	2.2040	4400.0	80	35775	No
126	GOM_NL__2PRFIN20090102_080409_000000472075_00150_35775_0505.N1	02-JAN-2009 08:04:09	Dark	46.500	34	Gam2Vel	1.7930	23000.	93	35775	No
127	GOM_NL__2PRFIN20090102_080621_000000472075_00150_35775_0506.N1	02-JAN-2009 08:06:21	Dark	46.500	70	Zet Pup	2.2460	39000.	93	35775	No
128	GOM_NL__2PRFIN20090102_080822_000000482075_00150_35775_0507.N1	02-JAN-2009 08:08:22	Dark	47.500	117	Pi Pup	2.7060	3800.0	95	35775	No
129	GOM_NL__2PRFIN20090102_081108_000000472075_00150_35775_0508.N1	02-JAN-2009 08:11:08	Straylight	46.500	23	21Eps CMa	1.5020	26000.	93	35775	No
130	GOM_NL__2PRFIN20090102_081240_000000452075_00150_35775_0509.N1	02-JAN-2009 08:12:40	Straylight	44.500	179	24Omi2CMa	3.0320	24000.	89	35775	No
131	GOM_NL__2PRFIN20090102_081506_000000522075_00150_35775_0510.N1	02-JAN-2009 08:15:06	Straylight	51.500	1	9Alp CMa	-1.4400	11000.	103	35775	No
132	GOM_NL__2PRFIN20090102_081814_000000492075_00150_35775_0511.N1	02-JAN-2009 08:18:14	Straylight	49.000	7	19Bet Ori	0.10000	14000.	98	35775	No
133	GOM_NL__2PRFIN20090102_082004_000000422075_00150_35775_0512.N1	02-JAN-2009 08:20:04	Straylight	42.000	30	46Eps Ori	1.6940	30000.	84	35775	No
134	GOM_NL__2PRFIN20090102_082233_000000482075_00150_35775_0513.N1	02-JAN-2009 08:22:33	Twi_and_stray	48.000	14	58Alp Ori	0.87000	3000.0	96	35775	No
135	GOM_NL__2PRFIN20090102_082544_000000502075_00150_35775_0514.N1	02-JAN-2009 08:25:44	Bright	49.500	44	24Gam Gem	1.9280	11000.	99	35775	No
136	GOM_NL__2PRFIN20090102_082723_000000472075_00150_35775_0515.N1	02-JAN-2009 08:27:23	Bright	46.500	151	13Mu Gem	2.8900	3000.0	93	35775	No
137	GOM_NL__2PRFIN20090102_082955_000000382075_00150_35775_0516.N1	02-JAN-2009 08:29:55	Bright	38.000	114	3Iot Aur	2.6930	4600.0	76	35775	No
138	GOM_NL__2PRFIN20090102_083123_000000392075_00150_35775_0517.N1	02-JAN-2009 08:31:23	Bright	38.500	107	37The Aur	2.6490	11000.	77	35775	No
139	GOM_NL__2PRFIN20090102_083332_000000492075_00150_35775_0518.N1	02-JAN-2009 08:33:32	Bright	48.500	6	13Alp Aur	0.080000	3400.0	97	35775	No
140	GOM_NL__2PRFIN20090102_084545_000000342075_00150_35775_0519.N1	02-JAN-2009 08:45:45	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	35775	No
141	GOM_NL__2PRFIN20090102_085010_000000412075_00150_35775_0520.N1	02-JAN-2009 08:50:10	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	35775	No
142	GOM_NL__2PRFIN20090102_085404_000000402075_00150_35775_0521.N1	02-JAN-2009 08:54:04	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	35775	No
143	GOM_NL__2PRFIN20090102_090227_000000522075_00150_35775_0522.N1	02-JAN-2009 09:02:27	Bright	52.000	133	40Zet Her	2.8070	6000.0	104	35775	No
144	GOM_NL__2PRFIN20090102_090501_000000462075_00150_35775_0523.N1	02-JAN-2009 09:05:01	Bright	45.500	83		2.3780	11000.	91	35775	No
145	GOM_NL__2PRFIN20090102_091018_000000362075_00150_35775_0524.N1	02-JAN-2009 09:10:18	Bright	36.000	102	24Alp Ser	2.6000	4250.0	72	35775	No
146	GOM_NL__2PRFIN20090102_091236_000000352075_00150_35775_0525.N1	02-JAN-2009 09:12:36	Bright	35.000	120	1Del Oph	2.7340	3200.0	70	35775	No
147	GOM_NL__2PRFIN20090102_091526_000000562075_00150_35775_0526.N1	02-JAN-2009 09:15:26	Bright	56.000	104	27Bet Lib	2.6140	13100.	112	35775	No
148	GOM_NL__2PRFIN20090102_091808_000000462075_00150_35775_0527.N1	02-JAN-2009 09:18:08	Twi_and_stray	46.000	122	9Alp2Lib	2.7470	9700.0	92	35775	No
149	GOM_NL__2PRFIN20090102_092447_000000402075_00150_35775_0528.N1	02-JAN-2009 09:24:47	Dark	39.500	109	Bet Lup	2.6770	26000.	79	35775	No
150	GOM_NL__2PRFIN20090102_092616_000000422075_00150_35775_0529.N1	02-JAN-2009 09:26:16	Dark	41.500	78	Alp Lup	2.3040	28000.	83	35775	No
151	GOM_NL__2PRFIN20090102_092748_000000432075_00150_35775_0530.N1	02-JAN-2009 09:27:48	Dark	42.500	95	Zet Cen	2.5450	26000.	85	35775	No
152	GOM_NL__2PRFIN20090102_093005_000000492075_00151_35776_0516.N1	02-JAN-2009 09:30:05	Dark	49.000	10	Bet Cen	0.61000	28000.	98	35776	No
153	GOM_NL__2PRFIN20090102_093640_000000402075_00151_35776_0517.N1	02-JAN-2009 09:36:40	Dark	39.500	124	The Car	2.7640	30000.	79	35776	No
154	GOM_NL__2PRFIN20090102_093833_000000382075_00151_35776_0518.N1	02-JAN-2009 09:38:33	Dark	37.500	29	Bet Car	1.6720	10200.	75	35776	No
155	GOM_NL__2PRFIN20090102_094000_000000422075_00151_35776_0519.N1	02-JAN-2009 09:40:00	Dark	41.500	71	Iot Car	2.2460	7700.0	83	35776	No
156	GOM_NL__2PRFIN20090102_094133_000000512075_00151_35776_0520.N1	02-JAN-2009 09:41:33	Dark	50.500	41	Eps Car	1.8600	4100.0	101	35776	No
157	GOM_NL__2PRFIN20090102_094339_000000422075_00151_35776_0521.N1	02-JAN-2009 09:43:39	Dark	42.000	65	Lam Vel	2.2040	4400.0	84	35776	No
158	GOM_NL__2PRFIN20090102_094445_000000432075_00151_35776_0522.N1	02-JAN-2009 09:44:45	Dark	42.500	34	Gam2Vel	1.7930	23000.	85	35776	No
159	GOM_NL__2PRFIN20090102_094657_000000452075_00151_35776_0523.N1	02-JAN-2009 09:46:57	Dark	44.500	70	Zet Pup	2.2460	39000.	89	35776	No
160	GOM_NL__2PRFIN20090102_094858_000000492075_00151_35776_0524.N1	02-JAN-2009 09:48:58	Dark	48.500	117	Pi Pup	2.7060	3800.0	97	35776	No

161	GOM_NL__2PRFIN20090102_095316_000000442075_00151_35776_0525.N1	02-JAN-2009 09:53:16	Straylight	44.000	179	24Omi2CMa	3.0320	24000.	88	35776	No
162	GOM_NL__2PRFIN20090102_095542_000000542075_00151_35776_0526.N1	02-JAN-2009 09:55:42	Straylight	54.000	1	9Alp CMa	-1.4400	11000.	108	35776	No
163	GOM_NL__2PRFIN20090102_095850_000000452075_00151_35776_0527.N1	02-JAN-2009 09:58:50	Straylight	45.000	7	19Bet Ori	0.10000	14000.	90	35776	No
164	GOM_NL__2PRFIN20090102_100041_000000422075_00151_35776_0528.N1	02-JAN-2009 10:00:41	Straylight	41.500	30	46Eps Ori	1.6940	30000.	83	35776	No
165	GOM_NL__2PRFIN20090102_100309_000000542075_00151_35776_0529.N1	02-JAN-2009 10:03:09	Twi_and_stray	54.000	14	58Alp Ori	0.87000	3000.0	108	35776	No
166	GOM_NL__2PRFIN20090102_100619_000000512075_00151_35776_0530.N1	02-JAN-2009 10:06:19	Bright	51.000	44	24Gam Gem	1.9280	11000.	102	35776	No
167	GOM_NL__2PRFIN20090102_100758_000000452075_00151_35776_0531.N1	02-JAN-2009 10:07:58	Bright	44.500	151	13Mu Gem	2.8900	3000.0	89	35776	No
168	GOM_NL__2PRFIN20090102_101030_000000402075_00151_35776_0532.N1	02-JAN-2009 10:10:30	Bright	39.500	114	3Iot Aur	2.6930	4600.0	79	35776	No
169	GOM_NL__2PRFIN20090102_101158_000000392075_00151_35776_0533.N1	02-JAN-2009 10:11:58	Bright	38.500	107	37The Aur	2.6490	11000.	77	35776	No
170	GOM_NL__2PRFIN20090102_101408_000000412075_00151_35776_0534.N1	02-JAN-2009 10:14:08	Bright	40.500	6	13Alp Aur	0.080000	3400.0	81	35776	No
171	GOM_NL__2PRFIN20090102_102621_000000372075_00151_35776_0535.N1	02-JAN-2009 10:26:21	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	35776	No
172	GOM_NL__2PRFIN20090102_103045_000000422075_00151_35776_0536.N1	02-JAN-2009 10:30:45	Bright	42.000	60	7Bet UMi	2.0810	3950.0	84	35776	No
173	GOM_NL__2PRFIN20090102_103439_000000382075_00151_35776_0537.N1	02-JAN-2009 10:34:39	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	35776	No
174	GOM_NL__2PRFIN20090102_104302_000000502075_00151_35776_0538.N1	02-JAN-2009 10:43:02	Bright	50.000	133	40Zet Her	2.8070	6000.0	100	35776	No
175	GOM_NL__2PRFIN20090102_104537_000000432075_00151_35776_0539.N1	02-JAN-2009 10:45:37	Bright	42.500	83		2.3780	11000.	85	35776	No
176	GOM_NL__2PRFIN20090102_105055_000000492075_00151_35776_0540.N1	02-JAN-2009 10:50:55	Bright	49.000	102	24Alp Ser	2.6000	4250.0	98	35776	No
177	GOM_NL__2PRFIN20090102_105312_000000352075_00151_35776_0541.N1	02-JAN-2009 10:53:12	Bright	34.500	120	1Del Oph	2.7340	3200.0	69	35776	No
178	GOM_NL__2PRFIN20090102_105602_000000542075_00151_35776_0542.N1	02-JAN-2009 10:56:02	Bright	53.500	104	27Bet Lib	2.6140	13100.	107	35776	No
179	GOM_NL__2PRFIN20090102_105845_000000462075_00151_35776_0543.N1	02-JAN-2009 10:58:45	Twi_and_stray	46.000	122	9Alp2Lib	2.7470	9700.0	92	35776	No
180	GOM_NL__2PRFIN20090102_110524_000000392075_00151_35776_0544.N1	02-JAN-2009 11:05:24	Dark	39.000	109	Bet Lup	2.6770	26000.	78	35776	No
181	GOM_NL__2PRFIN20090102_110652_000000432075_00151_35776_0545.N1	02-JAN-2009 11:06:52	Dark	43.000	78	Alp Lup	2.3040	28000.	86	35776	No
182	GOM_NL__2PRFIN20090102_110824_000000452075_00151_35776_0546.N1	02-JAN-2009 11:08:24	Dark	45.000	95	Zet Cen	2.5450	26000.	90	35776	No
183	GOM_NL__2PRFIN20090102_111042_000000432075_00152_35777_0528.N1	02-JAN-2009 11:10:42	Dark	43.000	10	Bet Cen	0.61000	28000.	86	35777	No
184	GOM_NL__2PRFIN20090102_111716_000000392075_00152_35777_0529.N1	02-JAN-2009 11:17:16	Dark	38.500	124	The Car	2.7640	30000.	77	35777	No
185	GOM_NL__2PRFIN20090102_111908_000000472075_00152_35777_0530.N1	02-JAN-2009 11:19:08	Dark	47.000	29	Bet Car	1.6720	10200.	94	35777	No
186	GOM_NL__2PRFIN20090102_112036_000000492075_00152_35777_0531.N1	02-JAN-2009 11:20:36	Dark	49.000	71	Iot Car	2.2460	7700.0	98	35777	No
187	GOM_NL__2PRFIN20090102_112209_000000532075_00152_35777_0532.N1	02-JAN-2009 11:22:09	Dark	52.500	41	Eps Car	1.8600	4100.0	105	35777	No
188	GOM_NL__2PRFIN20090102_112416_000000422075_00152_35777_0533.N1	02-JAN-2009 11:24:16	Dark	42.000	65	Lam Vel	2.2040	4400.0	84	35777	No
189	GOM_NL__2PRFIN20090102_112522_000000422075_00152_35777_0534.N1	02-JAN-2009 11:25:22	Dark	42.000	34	Gam2Vel	1.7930	23000.	84	35777	No
190	GOM_NL__2PRFIN20090102_112733_000000462075_00152_35777_0535.N1	02-JAN-2009 11:27:33	Dark	46.000	70	Zet Pup	2.2460	39000.	92	35777	No
191	GOM_NL__2PRFIN20090102_112934_000000492075_00152_35777_0536.N1	02-JAN-2009 11:29:34	Dark	49.000	117	Pi Pup	2.7060	3800.0	98	35777	No
192	GOM_NL__2PRFIN20090102_113221_000000452075_00152_35777_0537.N1	02-JAN-2009 11:32:21	Straylight	44.500	23	21Eps CMa	1.5020	26000.	89	35777	No
193	GOM_NL__2PRFIN20090102_113352_000000422075_00152_35777_0538.N1	02-JAN-2009 11:33:52	Straylight	42.000	179	24Omi2CMa	3.0320	24000.	84	35777	No
194	GOM_NL__2PRFIN20090102_113618_000000502075_00152_35777_0539.N1	02-JAN-2009 11:36:18	Straylight	50.000	1	9Alp CMa	-1.4400	11000.	100	35777	No
195	GOM_NL__2PRFIN20090102_113927_000000422075_00152_35777_0540.N1	02-JAN-2009 11:39:27	Straylight	42.000	7	19Bet Ori	0.10000	14000.	84	35777	No
196	GOM_NL__2PRFIN20090102_114116_000000422075_00152_35777_0541.N1	02-JAN-2009 11:41:16	Straylight	42.000	30	46Eps Ori	1.6940	30000.	84	35777	No
197	GOM_NL__2PRFIN20090102_114345_000000502075_00152_35777_0542.N1	02-JAN-2009 11:43:45	Twi_and_stray	49.500	14	58Alp Ori	0.87000	3000.0	99	35777	No
198	GOM_NL__2PRFIN20090102_114655_000000492075_00152_35777_0543.N1	02-JAN-2009 11:46:55	Bright	48.500	44	24Gam Gem	1.9280	11000.	97	35777	No
199	GOM_NL__2PRFIN20090102_114834_000000482075_00152_35777_0544.N1	02-JAN-2009 11:48:34	Bright	48.000	151	13Mu Gem	2.8900	3000.0	96	35777	No
200	GOM_NL__2PRFIN20090102_115106_000000372075_00152_35777_0545.N1	02-JAN-2009 11:51:06	Bright	36.500	114	3Iot Aur	2.6930	4600.0	73	35777	No
201	GOM_NL__2PRFIN20090102_115234_000000382075_00152_35777_0546.N1	02-JAN-2009 11:52:34	Bright	37.500	107	37The Aur	2.6490	11000.	75	35777	No
202	GOM_NL__2PRFIN20090102_115444_000000532075_00152_35777_0547.N1	02-JAN-2009 11:54:44	Bright	53.000	6	13Alp Aur	0.080000	3400.0	106	35777	No
203	GOM_NL__2PRFIN20090102_120656_000000372075_00152_35777_0548.N1	02-JAN-2009 12:06:56	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	35777	No
204	GOM_NL__2PRFIN20090102_121121_000000402075_00152_35777_0549.N1	02-JAN-2009 12:11:21	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	35777	No
205	GOM_NL__2PRFIN20090102_121515_000000482075_00152_35777_0550.N1	02-JAN-2009 12:15:15	Bright	48.000	119	14Eta Dra	2.7270	4700.0	96	35777	No
206	GOM_NL__2PRFIN20090102_122339_000000472075_00152_35777_0551.N1	02-JAN-2009 12:23:39	Bright	47.000	133	40Zet Her	2.8070	6000.0	94	35777	No
207	GOM_NL__2PRFIN20090102_122612_000000442075_00152_35777_0552.N1	02-JAN-2009 12:26:12	Bright	43.500	83		2.3780	11000.	87	35777	No
208	GOM_NL__2PRFIN20090102_123131_000000542075_00152_35777_0553.N1	02-JAN-2009 12:31:31	Bright	54.000	102	24Alp Ser	2.6000	4250.0	108	35777	No
209	GOM_NL__2PRFIN20090102_123349_000000522075_00152_35777_0554.N1	02-JAN-2009 12:33:49	Bright	52.000	120	1Del Oph	2.7340	3200.0	104	35777	No
210	GOM_NL__2PRFIN20090102_123638_000000382075_00152_35777_0555.N1	02-JAN-2009 12:36:38	Bright	37.500	104	27Bet Lib	2.6140	13100.	75	35777	No
211	GOM_NL__2PRFIN20090102_123922_000000452075_00152_35777_0556.N1	02-JAN-2009 12:39:22	Twi_and_stray	45.000	122	9Alp2Lib	2.7470	9700.0	90	35777	No
212	GOM_NL__2PRFIN20090102_124600_000000412075_00152_35777_0557.N1	02-JAN-2009 12:46:00	Dark	40.500	109	Bet Lup	2.6770	26000.	81	35777	No
213	GOM_NL__2PRFIN20090102_124729_000000412075_00152_35777_0558.N1	02-JAN-2009 12:47:29	Dark	40.500	78	Alp Lup	2.3040	28000.	81	35777	No
214	GOM_NL__2PRFIN20090102_124902_000000392075_00152_35777_0559.N1	02-JAN-2009 12:49:02	Dark	39.000	95	Zet Cen	2.5450	26000.	78	35777	No
215	GOM_NL__2PRFIN20090102_125119_000000402075_00153_35778_0536.N1	02-JAN-2009 12:51:19	Dark	39.500	10	Bet Cen	0.61000	28000.	79	35778	No
216	GOM_NL__2PRFIN20090102_125752_000000392075_00153_35778_0537.N1	02-JAN-2009 12:57:52	Dark	38.500	124	The Car	2.7640	30000.	77	35778	No
217	GOM_NL__2PRFIN20090102_125945_000000392075_00153_35778_0538.N1	02-JAN-2009 12:59:45	Dark	38.500	29	Bet Car	1.6720	10200.	77	35778	No
218	GOM_NL__2PRFIN20090102_130113_000000452075_00153_35778_0539.N1	02-JAN-2009 13:01:13	Dark	44.500	71	Iot Car	2.2460	7700.0	89	35778	No
219	GOM_NL__2PRFIN20090102_130246_000000522075_00153_35778_0540.N1	02-JAN-2009 13:02:46	Dark	52.000	41	Eps Car	1.8600	4100.0	104	35778	No

220	GOM_NL__2PRFIN20090102_130558_000000482075_00153_35778_0541.N1	02-JAN-2009 13:05:58	Dark	47.500	34	Gam2Vel	1.7930	23000.	95	35778	No
221	GOM_NL__2PRFIN20090102_130810_000000472075_00153_35778_0542.N1	02-JAN-2009 13:08:10	Dark	46.500	70	Zet Pup	2.2460	39000.	93	35778	No
222	GOM_NL__2PRFIN20090102_131011_000000482075_00153_35778_0543.N1	02-JAN-2009 13:10:11	Dark	48.000	117	Pi Pup	2.7060	3800.0	96	35778	No
223	GOM_NL__2PRFIN20090102_131257_000000472075_00153_35778_0544.N1	02-JAN-2009 13:12:57	Straylight	46.500	23	21Eps CMa	1.5020	26000.	93	35778	No
224	GOM_NL__2PRFIN20090102_131428_000000452075_00153_35778_0545.N1	02-JAN-2009 13:14:28	Straylight	44.500	179	24Omi2CMa	3.0320	24000.	89	35778	No
225	GOM_NL__2PRFIN20090102_131653_000000492075_00153_35778_0546.N1	02-JAN-2009 13:16:53	Straylight	49.000	1	9Alp CMa	-1.4400	11000.	98	35778	No
226	GOM_NL__2PRFIN20090102_132002_000000462075_00153_35778_0547.N1	02-JAN-2009 13:20:02	Straylight	46.000	7	19Bet Ori	0.10000	14000.	92	35778	No
227	GOM_NL__2PRFIN20090102_132152_000000412075_00153_35778_0548.N1	02-JAN-2009 13:21:52	Straylight	41.000	30	46Eps Ori	1.6940	30000.	82	35778	No
228	GOM_NL__2PRFIN20090102_132421_000000472075_00153_35778_0549.N1	02-JAN-2009 13:24:21	Twi_and_stray	47.000	14	58Alp Ori	0.87000	3000.0	94	35778	No
229	GOM_NL__2PRFIN20090102_132730_000000462075_00153_35778_0550.N1	02-JAN-2009 13:27:30	Twi_and_stray	45.500	44	24Gam Gem	1.9280	11000.	91	35778	No
230	GOM_NL__2PRFIN20090102_132909_000000432075_00153_35778_0551.N1	02-JAN-2009 13:29:09	Bright	43.000	151	13Mu Gem	2.8900	3000.0	86	35778	No
231	GOM_NL__2PRFIN20090102_133142_000000392075_00153_35778_0552.N1	02-JAN-2009 13:31:42	Bright	39.000	114	3Iot Aur	2.6930	4600.0	78	35778	No
232	GOM_NL__2PRFIN20090102_133310_000000392075_00153_35778_0553.N1	02-JAN-2009 13:33:10	Bright	38.500	107	37The Aur	2.6490	11000.	77	35778	No
233	GOM_NL__2PRFIN20090102_133519_000000422075_00153_35778_0554.N1	02-JAN-2009 13:35:19	Bright	42.000	6	13Alp Aur	0.080000	3400.0	84	35778	No
234	GOM_NL__2PRFIN20090102_134732_000000522075_00153_35778_0555.N1	02-JAN-2009 13:47:32	Bright	52.000	49	1Alp UMi	1.9900	6300.0	104	35778	No
235	GOM_NL__2PRFIN20090102_135157_000000412075_00153_35778_0556.N1	02-JAN-2009 13:51:57	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	35778	No
236	GOM_NL__2PRFIN20090102_135552_000000382075_00153_35778_0557.N1	02-JAN-2009 13:55:52	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	35778	No
237	GOM_NL__2PRFIN20090102_140414_000000522075_00153_35778_0558.N1	02-JAN-2009 14:04:14	Bright	52.000	133	40Zet Her	2.8070	6000.0	104	35778	No
238	GOM_NL__2PRFIN20090102_140648_000000492075_00153_35778_0559.N1	02-JAN-2009 14:06:48	Bright	49.000	83		2.3780	11000.	98	35778	No
239	GOM_NL__2PRFIN20090102_141207_000000412075_00153_35778_0560.N1	02-JAN-2009 14:12:07	Bright	41.000	102	24Alp Ser	2.6000	4250.0	82	35778	No
240	GOM_NL__2PRFIN20090102_141425_000000352075_00153_35778_0561.N1	02-JAN-2009 14:14:25	Bright	35.000	120	1Del Oph	2.7340	3200.0	70	35778	No
241	GOM_NL__2PRFIN20090102_141715_000000392075_00153_35778_0562.N1	02-JAN-2009 14:17:15	Bright	39.000	104	27Bet Lib	2.6140	13100.	78	35778	No
242	GOM_NL__2PRFIN20090102_141958_000000462075_00153_35778_0563.N1	02-JAN-2009 14:19:58	Twi_and_stray	45.500	122	9Alp2Lib	2.7470	9700.0	91	35778	No
243	GOM_NL__2PRFIN20090102_142636_000000382075_00153_35778_0564.N1	02-JAN-2009 14:26:36	Dark	38.000	109	Bet Lup	2.6770	26000.	76	35778	No
244	GOM_NL__2PRFIN20090102_142804_000000412075_00153_35778_0565.N1	02-JAN-2009 14:28:04	Dark	41.000	78	Alp Lup	2.3040	28000.	82	35778	No
245	GOM_NL__2PRFIN20090102_142937_000000402075_00153_35778_0566.N1	02-JAN-2009 14:29:37	Dark	40.000	95	Zet Cen	2.5450	26000.	80	35778	No
246	GOM_NL__2PRFIN20090102_143155_000000452075_00154_35779_0570.N1	02-JAN-2009 14:31:55	Dark	44.500	10	Bet Cen	0.61000	28000.	89	35779	No
247	GOM_NL__2PRFIN20090102_161350_000000422075_00155_35780_0586.N1	02-JAN-2009 16:13:50	Dark	42.000	64	Gam Cen	2.2000	10600.	84	35780	No
248	GOM_NL__2PRFIN20090102_161906_000000392075_00155_35780_0587.N1	02-JAN-2009 16:19:06	Dark	39.000	124	The Car	2.7640	30000.	78	35780	No
249	GOM_NL__2PRFIN20090102_162057_000000392075_00155_35780_0588.N1	02-JAN-2009 16:20:57	Dark	39.000	29	Bet Car	1.6720	10200.	78	35780	No
250	GOM_NL__2PRFIN20090102_162227_000000402075_00155_35780_0589.N1	02-JAN-2009 16:22:27	Dark	39.500	71	Iot Car	2.2460	7700.0	79	35780	No
251	GOM_NL__2PRFIN20090102_162400_000000532075_00155_35780_0590.N1	02-JAN-2009 16:24:00	Dark	52.500	41	Eps Car	1.8600	4100.0	105	35780	No
252	GOM_NL__2PRFIN20090102_162806_000000462075_00155_35780_0591.N1	02-JAN-2009 16:28:06	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	35780	No
253	GOM_NL__2PRFIN20090102_163124_000000452075_00155_35780_0592.N1	02-JAN-2009 16:31:24	Dark	45.000	117	Pi Pup	2.7060	3800.0	90	35780	No
254	GOM_NL__2PRFIN20090102_163410_000000442075_00155_35780_0593.N1	02-JAN-2009 16:34:10	Straylight	44.000	23	21Eps CMa	1.5020	26000.	88	35780	No
255	GOM_NL__2PRFIN20090102_163541_000000452075_00155_35780_0594.N1	02-JAN-2009 16:35:41	Straylight	44.500	179	24Omi2CMa	3.0320	24000.	89	35780	No
256	GOM_NL__2PRFIN20090102_163806_000000502075_00155_35780_0595.N1	02-JAN-2009 16:38:06	Straylight	49.500	1	9Alp CMa	-1.4400	11000.	99	35780	No
257	GOM_NL__2PRFIN20090102_164114_000000452075_00155_35780_0596.N1	02-JAN-2009 16:41:14	Straylight	44.500	7	19Bet Ori	0.10000	14000.	89	35780	No
258	GOM_NL__2PRFIN20090102_164304_000000442075_00155_35780_0597.N1	02-JAN-2009 16:43:04	Straylight	43.500	30	46Eps Ori	1.6940	30000.	87	35780	No
259	GOM_NL__2PRFIN20090102_164532_000000482075_00155_35780_0598.N1	02-JAN-2009 16:45:32	Twi_and_stray	48.000	14	58Alp Ori	0.87000	3000.0	96	35780	No
260	GOM_NL__2PRFIN20090102_164930_000000392075_00155_35780_0599.N1	02-JAN-2009 16:49:30	Bright	39.000	176	23Zet Tau	3.0200	22000.	78	35780	No
261	GOM_NL__2PRFIN20090102_165136_000000392075_00155_35780_0600.N1	02-JAN-2009 16:51:36	Bright	39.000	28	12Bet Tau	1.6500	15200.	78	35780	No
262	GOM_NL__2PRFIN20090102_165254_000000392075_00155_35780_0601.N1	02-JAN-2009 16:52:54	Bright	39.000	114	3Iot Aur	2.6930	4600.0	78	35780	No
263	GOM_NL__2PRFIN20090102_165421_000000382075_00155_35780_0602.N1	02-JAN-2009 16:54:21	Bright	38.000	107	37The Aur	2.6490	11000.	76	35780	No
264	GOM_NL__2PRFIN20090102_165631_000000412075_00155_35780_0603.N1	02-JAN-2009 16:56:31	Bright	40.500	6	13Alp Aur	0.080000	3400.0	81	35780	No
265	GOM_NL__2PRFIN20090102_170844_000000382075_00155_35780_0604.N1	02-JAN-2009 17:08:44	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	35780	No
266	GOM_NL__2PRFIN20090102_171309_000000402075_00155_35780_0605.N1	02-JAN-2009 17:13:09	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	35780	No
267	GOM_NL__2PRFIN20090102_171704_000000402075_00155_35780_0606.N1	02-JAN-2009 17:17:04	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	35780	No
268	GOM_NL__2PRFIN20090102_172527_000000492075_00155_35780_0607.N1	02-JAN-2009 17:25:27	Bright	49.000	133	40Zet Her	2.8070	6000.0	98	35780	No
269	GOM_NL__2PRFIN20090102_172732_000000372075_00155_35780_0608.N1	02-JAN-2009 17:27:32	Bright	36.500	67	5Alp CrB	2.2210	11000.	73	35780	No
270	GOM_NL__2PRFIN20090102_173320_000000372075_00155_35780_0609.N1	02-JAN-2009 17:33:20	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	35780	No
271	GOM_NL__2PRFIN20090102_173537_000000362075_00155_35780_0610.N1	02-JAN-2009 17:35:37	Bright	35.500	120	1Del Oph	2.7340	3200.0	71	35780	No
272	GOM_NL__2PRFIN20090102_173828_000000572075_00155_35780_0611.N1	02-JAN-2009 17:38:28	Bright	57.000	104	27Bet Lib	2.6140	13100.	114	35780	No
273	GOM_NL__2PRFIN20090102_174111_000000462075_00155_35780_0612.N1	02-JAN-2009 17:41:11	Twi_and_stray	45.500	122	9Alp2Lib	2.7470	9700.0	91	35780	No
274	GOM_NL__2PRFIN20090102_174627_000000382075_00155_35780_0613.N1	02-JAN-2009 17:46:27	Dark	37.500	131	Gam Lup	2.8000	26000.	75	35780	No
275	GOM_NL__2PRFIN20090102_174750_000000382075_00155_35780_0614.N1	02-JAN-2009 17:47:50	Dark	38.000	109	Bet Lup	2.6770	26000.	76	35780	No
276	GOM_NL__2PRFIN20090102_174918_000000392075_00155_35780_0615.N1	02-JAN-2009 17:49:18	Dark	39.000	78	Alp Lup	2.3040	28000.	78	35780	No
277	GOM_NL__2PRFIN20090102_175051_000000392075_00155_35780_0616.N1	02-JAN-2009 17:50:51	Dark	39.000	95	Zet Cen	2.5450	26000.	78	35780	No
278	GOM_NL__2PRFIN20090102_175225_000000512075_00156_35781_0610.N1	02-JAN-2009 17:52:25	Dark	50.500	4	Alp1Cen	-0.010000	5800.0	101	35781	No

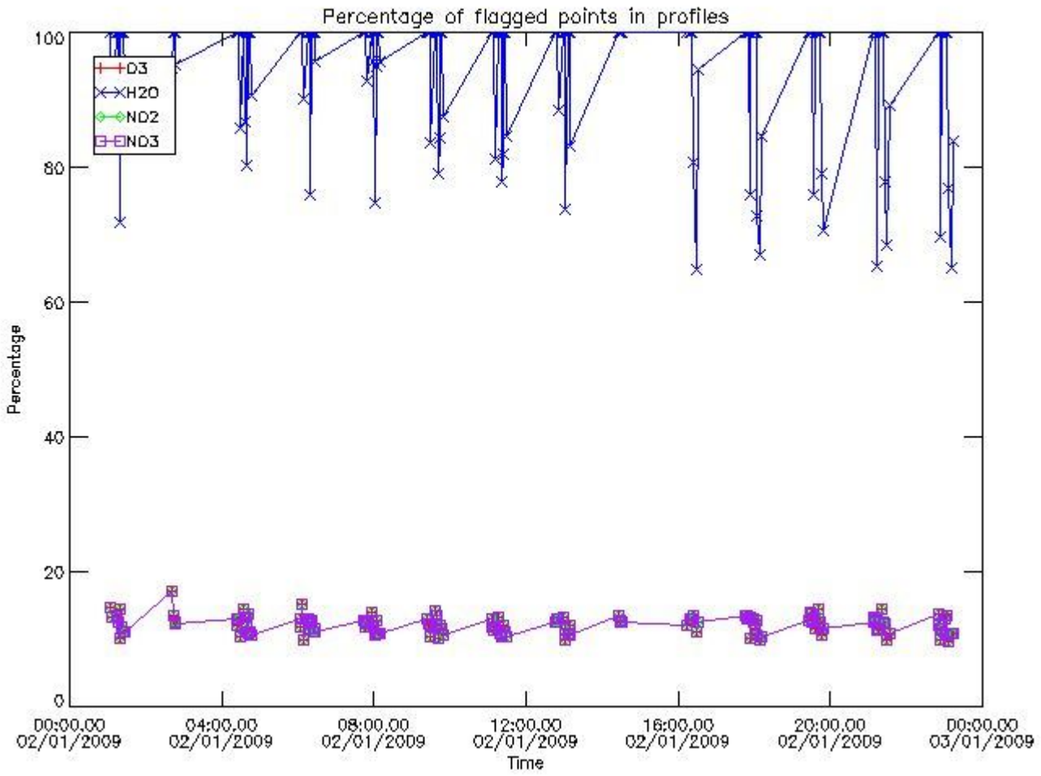
279	GOM_NL__2PRFIN20090102_175427_000000432075_00156_35781_0611.N1	02-JAN-2009 17:54:27	Dark	42.500	64	Gam Cen	2.2000	10600.	85	35781	No
280	GOM_NL__2PRFIN20090102_175943_000000392075_00156_35781_0612.N1	02-JAN-2009 17:59:43	Dark	39.000	124	The Car	2.7640	30000.	78	35781	No
281	GOM_NL__2PRFIN20090102_180135_000000452075_00156_35781_0613.N1	02-JAN-2009 18:01:35	Dark	44.500	29	Bet Car	1.6720	10200.	89	35781	No
282	GOM_NL__2PRFIN20090102_180303_000000402075_00156_35781_0614.N1	02-JAN-2009 18:03:03	Dark	40.000	71	Iot Car	2.2460	7700.0	80	35781	No
283	GOM_NL__2PRFIN20090102_180435_000000482075_00156_35781_0615.N1	02-JAN-2009 18:04:35	Dark	48.000	41	Eps Car	1.8600	4100.0	96	35781	No
284	GOM_NL__2PRFIN20090102_180843_000000522075_00156_35781_0616.N1	02-JAN-2009 18:08:43	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	35781	No
285	GOM_NL__2PRFIN20090102_181200_000000492075_00156_35781_0617.N1	02-JAN-2009 18:12:00	Dark	49.000	117	Pi Pup	2.7060	3800.0	98	35781	No
286	GOM_NL__2PRFIN20090102_181445_000000462075_00156_35781_0618.N1	02-JAN-2009 18:14:45	Straylight	45.500	23	21Eps CMa	1.5020	26000.	91	35781	No
287	GOM_NL__2PRFIN20090102_181617_000000452075_00156_35781_0619.N1	02-JAN-2009 18:16:17	Straylight	44.500	179	24Omi2CMa	3.0320	24000.	89	35781	No
288	GOM_NL__2PRFIN20090102_181842_000000522075_00156_35781_0620.N1	02-JAN-2009 18:18:42	Straylight	52.000	1	9Alp CMa	-1.4400	11000.	104	35781	No
289	GOM_NL__2PRFIN20090102_182150_000000482075_00156_35781_0621.N1	02-JAN-2009 18:21:50	Straylight	47.500	7	19Bet Ori	0.10000	14000.	95	35781	No
290	GOM_NL__2PRFIN20090102_182340_000000422075_00156_35781_0622.N1	02-JAN-2009 18:23:40	Straylight	42.000	30	46Eps Ori	1.6940	30000.	84	35781	No
291	GOM_NL__2PRFIN20090102_182608_000000482075_00156_35781_0623.N1	02-JAN-2009 18:26:08	Twi_and_stray	48.000	14	58Alp Ori	0.87000	3000.0	96	35781	No
292	GOM_NL__2PRFIN20090102_183005_000000382075_00156_35781_0624.N1	02-JAN-2009 18:30:05	Bright	38.000	176	23Zet Tau	3.0200	22000.	76	35781	No
293	GOM_NL__2PRFIN20090102_183212_000000402075_00156_35781_0625.N1	02-JAN-2009 18:32:12	Bright	39.500	28	12Bet Tau	1.6500	15200.	79	35781	No
294	GOM_NL__2PRFIN20090102_183330_000000382075_00156_35781_0626.N1	02-JAN-2009 18:33:30	Bright	38.000	114	3Iot Aur	2.6930	4600.0	76	35781	No
295	GOM_NL__2PRFIN20090102_183458_000000382075_00156_35781_0627.N1	02-JAN-2009 18:34:58	Bright	37.500	107	37The Aur	2.6490	11000.	75	35781	No
296	GOM_NL__2PRFIN20090102_183707_000000432075_00156_35781_0628.N1	02-JAN-2009 18:37:07	Bright	43.000	6	13Alp Aur	0.080000	3400.0	86	35781	No
297	GOM_NL__2PRFIN20090102_184920_000000372075_00156_35781_0629.N1	02-JAN-2009 18:49:20	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	35781	No
298	GOM_NL__2PRFIN20090102_185344_000000412075_00156_35781_0630.N1	02-JAN-2009 18:53:44	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	35781	No
299	GOM_NL__2PRFIN20090102_185740_000000372075_00156_35781_0631.N1	02-JAN-2009 18:57:40	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	35781	No
300	GOM_NL__2PRFIN20090102_190603_000000452075_00156_35781_0632.N1	02-JAN-2009 19:06:03	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	35781	No
301	GOM_NL__2PRFIN20090102_190808_000000392075_00156_35781_0633.N1	02-JAN-2009 19:08:08	Bright	38.500	67	5Alp CrB	2.2210	11000.	77	35781	No
302	GOM_NL__2PRFIN20090102_191356_000000362075_00156_35781_0634.N1	02-JAN-2009 19:13:56	Bright	36.000	102	24Alp Ser	2.6000	4250.0	72	35781	No
303	GOM_NL__2PRFIN20090102_191614_000000522075_00156_35781_0635.N1	02-JAN-2009 19:16:14	Bright	52.000	120	1Del Oph	2.7340	3200.0	104	35781	No
304	GOM_NL__2PRFIN20090102_191904_000000572075_00156_35781_0636.N1	02-JAN-2009 19:19:04	Bright	57.000	104	27Bet Lib	2.6140	13100.	114	35781	No
305	GOM_NL__2PRFIN20090102_192148_000000452075_00156_35781_0637.N1	02-JAN-2009 19:21:48	Twi_and_stray	44.500	122	9Alp2Lib	2.7470	9700.0	89	35781	No
306	GOM_NL__2PRFIN20090102_192703_000000402075_00156_35781_0638.N1	02-JAN-2009 19:27:03	Dark	40.000	131	Gam Lup	2.8000	26000.	80	35781	No
307	GOM_NL__2PRFIN20090102_192825_000000372075_00156_35781_0639.N1	02-JAN-2009 19:28:25	Dark	36.500	109	Bet Lup	2.6770	26000.	73	35781	No
308	GOM_NL__2PRFIN20090102_192954_000000372075_00156_35781_0640.N1	02-JAN-2009 19:29:54	Dark	37.000	78	Alp Lup	2.3040	28000.	74	35781	No
309	GOM_NL__2PRFIN20090102_193127_000000412075_00156_35781_0641.N1	02-JAN-2009 19:31:27	Dark	40.500	95	Zet Cen	2.5450	26000.	81	35781	No
310	GOM_NL__2PRFIN20090102_193301_000000402075_00157_35782_0618.N1	02-JAN-2009 19:33:01	Dark	40.000	4	Alp1Cen	-0.010000	5800.0	80	35782	No
311	GOM_NL__2PRFIN20090102_193503_000000452075_00157_35782_0619.N1	02-JAN-2009 19:35:03	Dark	44.500	64	Gam Cen	2.2000	10600.	89	35782	No
312	GOM_NL__2PRFIN20090102_194018_000000392075_00157_35782_0620.N1	02-JAN-2009 19:40:18	Dark	39.000	124	The Car	2.7640	30000.	78	35782	No
313	GOM_NL__2PRFIN20090102_194211_000000392075_00157_35782_0621.N1	02-JAN-2009 19:42:11	Dark	39.000	29	Bet Car	1.6720	10200.	78	35782	No
314	GOM_NL__2PRFIN20090102_194339_000000412075_00157_35782_0622.N1	02-JAN-2009 19:43:39	Dark	40.500	71	Iot Car	2.2460	7700.0	81	35782	No
315	GOM_NL__2PRFIN20090102_194511_000000482075_00157_35782_0623.N1	02-JAN-2009 19:45:11	Dark	48.000	41	Eps Car	1.8600	4100.0	96	35782	No
316	GOM_NL__2PRFIN20090102_194919_000000442075_00157_35782_0624.N1	02-JAN-2009 19:49:19	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	35782	No
317	GOM_NL__2PRFIN20090102_205432_000000552075_00157_35782_0625.N1	02-JAN-2009 20:54:32	Dark	55.000	102	24Alp Ser	2.6000	4250.0	110	35782	Yes
318	GOM_NL__2PRFIN20090102_205650_000000522075_00157_35782_0626.N1	02-JAN-2009 20:56:50	Bright	52.000	120	1Del Oph	2.7340	3200.0	104	35782	No
319	GOM_NL__2PRFIN20090102_205941_000000572075_00157_35782_0627.N1	02-JAN-2009 20:59:41	Bright	57.000	104	27Bet Lib	2.6140	13100.	114	35782	No
320	GOM_NL__2PRFIN20090102_210225_000000472075_00157_35782_0628.N1	02-JAN-2009 21:02:25	Twi_and_stray	46.500	122	9Alp2Lib	2.7470	9700.0	93	35782	No
321	GOM_NL__2PRFIN20090102_210739_000000412075_00157_35782_0629.N1	02-JAN-2009 21:07:39	Dark	40.500	131	Gam Lup	2.8000	26000.	81	35782	No
322	GOM_NL__2PRFIN20090102_210902_000000392075_00157_35782_0630.N1	02-JAN-2009 21:09:02	Dark	38.500	109	Bet Lup	2.6770	26000.	77	35782	No
323	GOM_NL__2PRFIN20090102_211030_000000402075_00157_35782_0631.N1	02-JAN-2009 21:10:30	Dark	40.000	78	Alp Lup	2.3040	28000.	80	35782	No
324	GOM_NL__2PRFIN20090102_211204_000000392075_00157_35782_0632.N1	02-JAN-2009 21:12:04	Dark	39.000	95	Zet Cen	2.5450	26000.	78	35782	No
325	GOM_NL__2PRFIN20090102_211338_000000502075_00158_35783_0628.N1	02-JAN-2009 21:13:38	Dark	49.500	4	Alp1Cen	-0.010000	5800.0	99	35783	No
326	GOM_NL__2PRFIN20090102_211540_000000442075_00158_35783_0629.N1	02-JAN-2009 21:15:40	Dark	44.000	64	Gam Cen	2.2000	10600.	88	35783	No
327	GOM_NL__2PRFIN20090102_212055_000000392075_00158_35783_0630.N1	02-JAN-2009 21:20:55	Dark	38.500	124	The Car	2.7640	30000.	77	35783	No
328	GOM_NL__2PRFIN20090102_212247_000000422075_00158_35783_0631.N1	02-JAN-2009 21:22:47	Dark	41.500	29	Bet Car	1.6720	10200.	83	35783	No
329	GOM_NL__2PRFIN20090102_212415_000000412075_00158_35783_0632.N1	02-JAN-2009 21:24:15	Dark	41.000	71	Iot Car	2.2460	7700.0	82	35783	No
330	GOM_NL__2PRFIN20090102_212547_000000462075_00158_35783_0633.N1	02-JAN-2009 21:25:47	Dark	45.500	41	Eps Car	1.8600	4100.0	91	35783	No
331	GOM_NL__2PRFIN20090102_212955_000000512075_00158_35783_0634.N1	02-JAN-2009 21:29:55	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	35783	No
332	GOM_NL__2PRFIN20090102_213313_000000472075_00158_35783_0635.N1	02-JAN-2009 21:33:13	Dark	47.000	117	Pi Pup	2.7060	3800.0	94	35783	No
333	GOM_NL__2PRFIN20090102_213558_000000462075_00158_35783_0636.N1	02-JAN-2009 21:35:58	Straylight	46.000	23	21Eps CMa	1.5020	26000.	92	35783	No
334	GOM_NL__2PRFIN20090102_213729_000000442075_00158_35783_0637.N1	02-JAN-2009 21:37:29	Straylight	44.000	179	24Omi2CMa	3.0320	24000.	88	35783	No
335	GOM_NL__2PRFIN20090102_213954_000000502075_00158_35783_0638.N1	02-JAN-2009 21:39:54	Straylight	50.000	1	9Alp CMa	-1.4400	11000.	100	35783	No
336	GOM_NL__2PRFIN20090102_214302_000000452075_00158_35783_0639.N1	02-JAN-2009 21:43:02	Straylight	44.500	7	19Bet Ori	0.10000	14000.	89	35783	No
337	GOM_NL__2PRFIN20090102_214452_000000412075_00158_35783_0640.N1	02-JAN-2009 21:44:52	Straylight	41.000	30	46Eps Ori	1.6940	30000.	82	35783	No

338	GOM_NL__2PRFIN20090102_214720_000000542075_00158_35783_0641.N1	02-JAN-2009 21:47:20	Twi_and_stray	54.000	14	58Alp Ori	0.87000	3000.0	108	35783	No
339	GOM_NL__2PRFIN20090102_215117_000000402075_00158_35783_0642.N1	02-JAN-2009 21:51:17	Bright	39.500	176	23Zet Tau	3.0200	22000.	79	35783	No
340	GOM_NL__2PRFIN20090102_215324_000000392075_00158_35783_0643.N1	02-JAN-2009 21:53:24	Bright	39.000	28	12Bet Tau	1.6500	15200.	78	35783	No
341	GOM_NL__2PRFIN20090102_215442_000000372075_00158_35783_0644.N1	02-JAN-2009 21:54:42	Bright	36.500	114	3Iot Aur	2.6930	4600.0	73	35783	No
342	GOM_NL__2PRFIN20090102_215609_000000392075_00158_35783_0645.N1	02-JAN-2009 21:56:09	Bright	38.500	107	37The Aur	2.6490	11000.	77	35783	No
343	GOM_NL__2PRFIN20090102_215819_000000432075_00158_35783_0646.N1	02-JAN-2009 21:58:19	Bright	43.000	6	13Alp Aur	0.080000	3400.0	86	35783	No
344	GOM_NL__2PRFIN20090102_221032_000000462075_00158_35783_0647.N1	02-JAN-2009 22:10:32	Bright	45.500	49	1Alp UMi	1.9900	6300.0	91	35783	No
345	GOM_NL__2PRFIN20090102_221456_000000362075_00158_35783_0648.N1	02-JAN-2009 22:14:56	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	35783	No
346	GOM_NL__2PRFIN20090102_221851_000000342075_00158_35783_0649.N1	02-JAN-2009 22:18:51	Bright	34.000	119	14Eta Dra	2.7270	4700.0	68	35783	No
347	GOM_NL__2PRFIN20090102_222715_000000522075_00158_35783_0650.N1	02-JAN-2009 22:27:15	Bright	52.000	133	40Zet Her	2.8070	6000.0	104	35783	No
348	GOM_NL__2PRFIN20090102_222920_000000382075_00158_35783_0651.N1	02-JAN-2009 22:29:20	Bright	37.500	67	5Alp CrB	2.2210	11000.	75	35783	No
349	GOM_NL__2PRFIN20090102_223508_000000552075_00158_35783_0652.N1	02-JAN-2009 22:35:08	Bright	55.000	102	24Alp Ser	2.6000	4250.0	110	35783	No
350	GOM_NL__2PRFIN20090102_223726_000000352075_00158_35783_0653.N1	02-JAN-2009 22:37:26	Bright	35.000	120	1Del Oph	2.7340	3200.0	70	35783	No
351	GOM_NL__2PRFIN20090102_224018_000000372075_00158_35783_0654.N1	02-JAN-2009 22:40:18	Bright	37.000	104	27Bet Lib	2.6140	13100.	74	35783	No
352	GOM_NL__2PRFIN20090102_224301_000000432075_00158_35783_0655.N1	02-JAN-2009 22:43:01	Twi_and_stray	42.500	122	9Alp2Lib	2.7470	9700.0	85	35783	No
353	GOM_NL__2PRFIN20090102_224938_000000412075_00158_35783_0656.N1	02-JAN-2009 22:49:38	Dark	41.000	109	Bet Lup	2.6770	26000.	82	35783	No
354	GOM_NL__2PRFIN20090102_225106_000000432075_00158_35783_0657.N1	02-JAN-2009 22:51:06	Dark	42.500	78	Alp Lup	2.3040	28000.	85	35783	No
355	GOM_NL__2PRFIN20090102_225241_000000442075_00158_35783_0658.N1	02-JAN-2009 22:52:41	Dark	44.000	95	Zet Cen	2.5450	26000.	88	35783	No
356	GOM_NL__2PRFIN20090102_225413_000000522075_00159_35784_0656.N1	02-JAN-2009 22:54:13	Dark	51.500	4	Alp1Cen	-0.010000	5800.0	103	35784	No
357	GOM_NL__2PRFIN20090102_225617_000000442075_00159_35784_0657.N1	02-JAN-2009 22:56:17	Dark	44.000	64	Gam Cen	2.2000	10600.	88	35784	No
358	GOM_NL__2PRFIN20090102_230131_000000402075_00159_35784_0658.N1	02-JAN-2009 23:01:31	Dark	39.500	124	The Car	2.7640	30000.	79	35784	No
359	GOM_NL__2PRFIN20090102_230323_000000482075_00159_35784_0659.N1	02-JAN-2009 23:03:23	Dark	48.000	29	Bet Car	1.6720	10200.	96	35784	No
360	GOM_NL__2PRFIN20090102_230451_000000422075_00159_35784_0660.N1	02-JAN-2009 23:04:51	Dark	41.500	71	Iot Car	2.2460	7700.0	83	35784	No
361	GOM_NL__2PRFIN20090102_230623_000000532075_00159_35784_0661.N1	02-JAN-2009 23:06:23	Dark	52.500	41	Eps Car	1.8600	4100.0	105	35784	No
362	GOM_NL__2PRFIN20090102_231031_000000522075_00159_35784_0662.N1	02-JAN-2009 23:10:31	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	35784	No
363	GOM_NL__2PRFIN20090102_231348_000000472075_00159_35784_0663.N1	02-JAN-2009 23:13:48	Dark	47.000	117	Pi Pup	2.7060	3800.0	94	35784	No
364	GOM_NL__2PRFIN20090102_231634_000000452075_00159_35784_0664.N1	02-JAN-2009 23:16:34	Straylight	45.000	23	21Eps CMa	1.5020	26000.	90	35784	No
365	GOM_NL__2PRFIN20090102_231805_000000432075_00159_35784_0665.N1	02-JAN-2009 23:18:05	Straylight	43.000	179	24Omi2CMa	3.0320	24000.	86	35784	No
366	GOM_NL__2PRFIN20090102_232030_000000502075_00159_35784_0666.N1	02-JAN-2009 23:20:30	Straylight	49.500	1	9Alp CMa	-1.4400	11000.	99	35784	No
367	GOM_NL__2PRFIN20090102_232338_000000442075_00159_35784_0667.N1	02-JAN-2009 23:23:38	Straylight	44.000	7	19Bet Ori	0.10000	14000.	88	35784	No
368	GOM_NL__2PRFIN20090102_232528_000000422075_00159_35784_0668.N1	02-JAN-2009 23:25:28	Straylight	41.500	30	46Eps Ori	1.6940	30000.	83	35784	No
369	GOM_NL__2PRFIN20090102_232756_000000512075_00159_35784_0669.N1	02-JAN-2009 23:27:56	Twi_and_stray	51.000	14	58Alp Ori	0.87000	3000.0	102	35784	No
370	GOM_NL__2PRFIN20090102_233154_000000392075_00159_35784_0670.N1	02-JAN-2009 23:31:54	Bright	38.500	176	23Zet Tau	3.0200	22000.	77	35784	No
371	GOM_NL__2PRFIN20090102_233400_000000382075_00159_35784_0671.N1	02-JAN-2009 23:34:00	Bright	38.000	28	12Bet Tau	1.6500	15200.	76	35784	No
372	GOM_NL__2PRFIN20090102_233518_000000382075_00159_35784_0672.N1	02-JAN-2009 23:35:18	Bright	37.500	114	3Iot Aur	2.6930	4600.0	75	35784	No
373	GOM_NL__2PRFIN20090102_233644_000000392075_00159_35784_0673.N1	02-JAN-2009 23:36:44	Bright	38.500	107	37The Aur	2.6490	11000.	77	35784	No
374	GOM_NL__2PRFIN20090102_233854_000000402075_00159_35784_0674.N1	02-JAN-2009 23:38:54	Bright	40.000	6	13Alp Aur	0.080000	3400.0	80	35784	No
375	GOM_NL__2PRFIN20090102_235108_000000362075_00159_35784_0675.N1	02-JAN-2009 23:51:08	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	35784	No
376	GOM_NL__2PRFIN20090102_235532_000000362075_00159_35784_0676.N1	02-JAN-2009 23:55:32	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	35784	No
377	GOM_NL__2PRFIN20090102_235927_000000382075_00159_35784_0677.N1	02-JAN-2009 23:59:27	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	35784	No

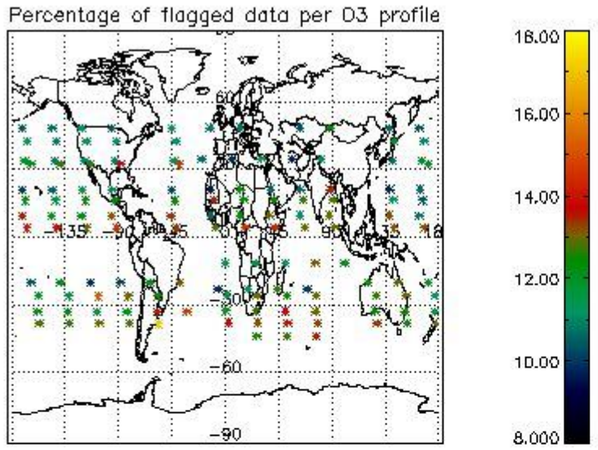
3. Quality information per product

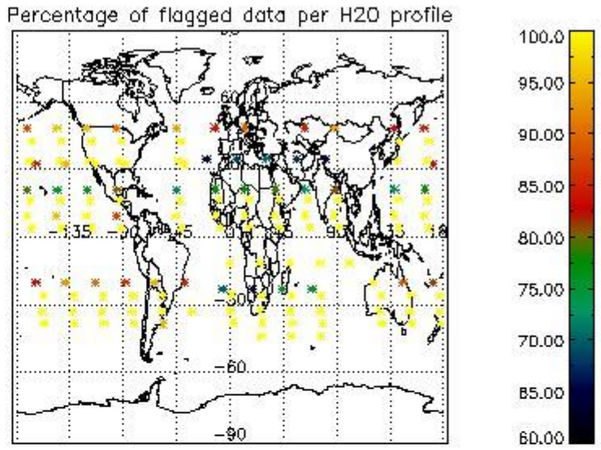
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

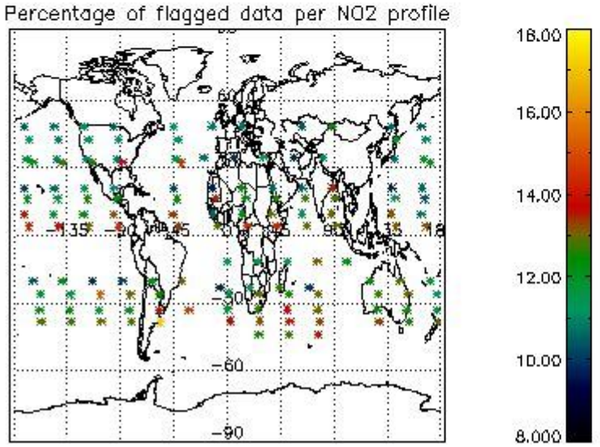
3.1 Plot quality information per product (time dependant)

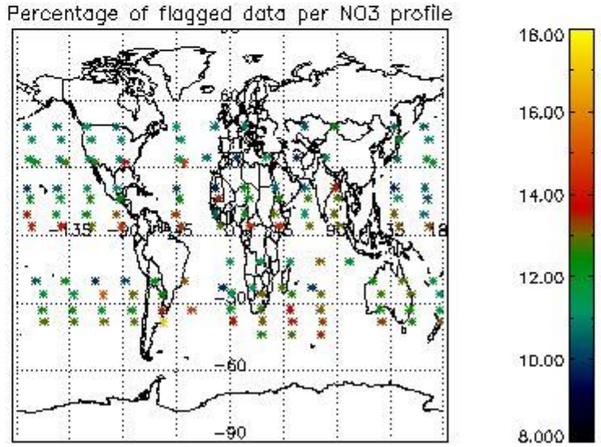


3.2 Plot quality information per product (world map)







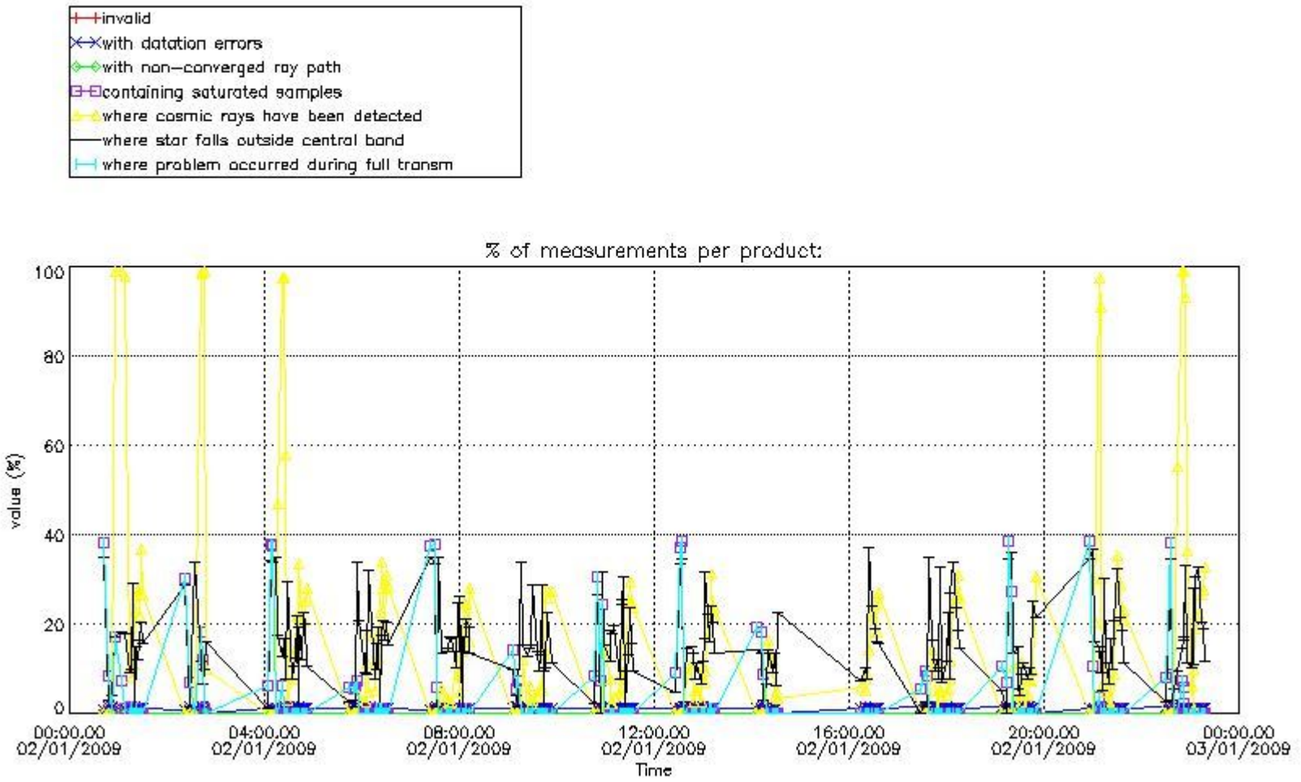


4. Level 1 quality information per product

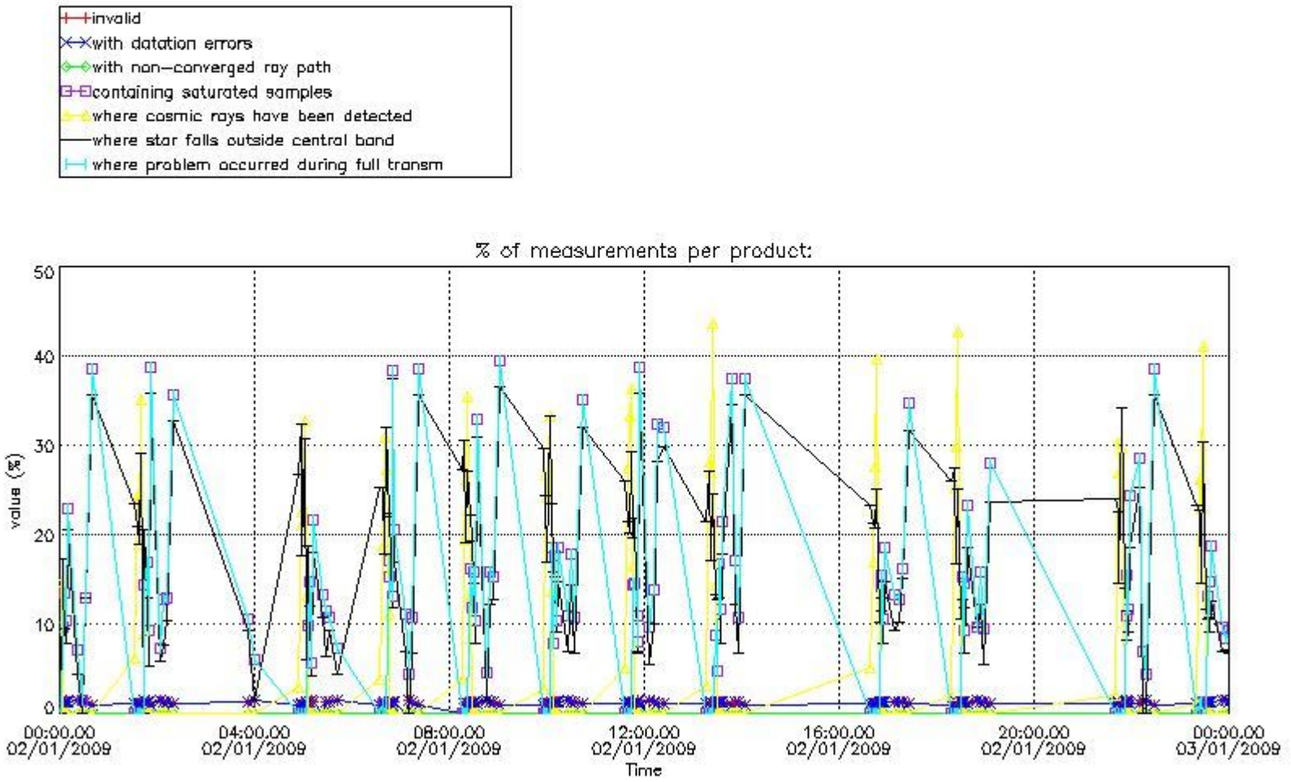
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processsing. Products without errors (error flag in the MPH set to "0") are used.

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

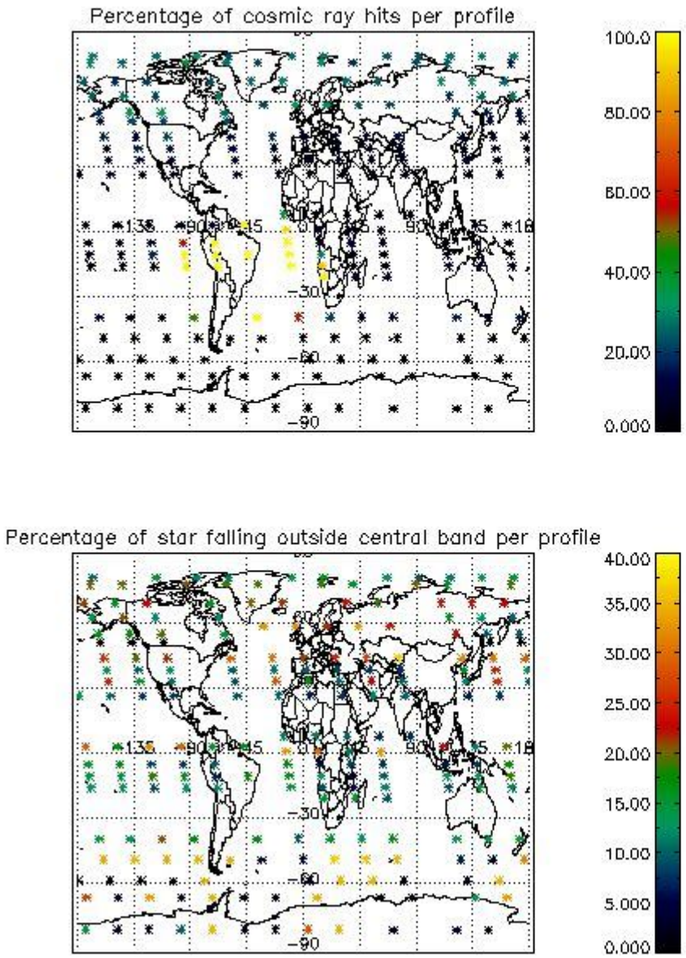


4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes

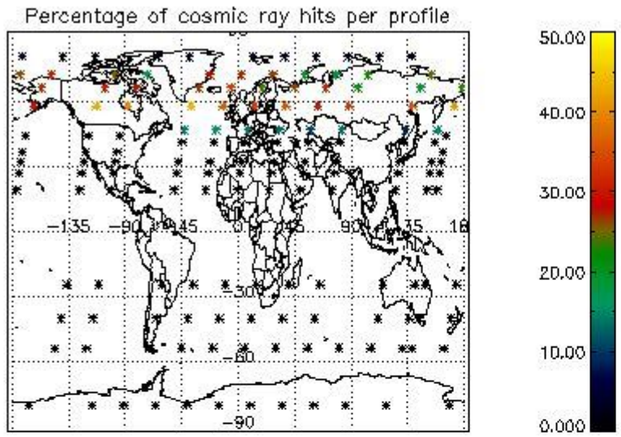


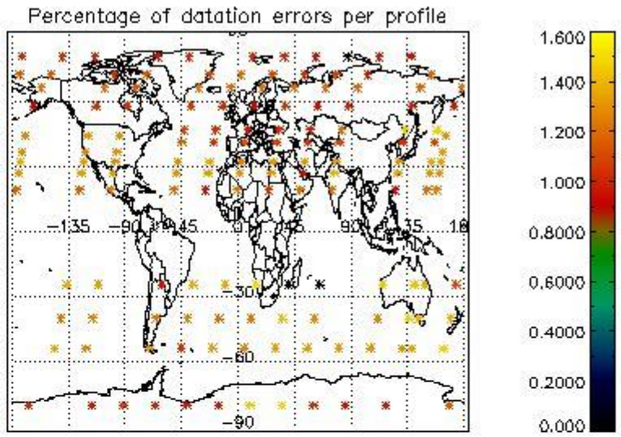
4.2 Plot quality information per product comming from level 1b processing (world map)

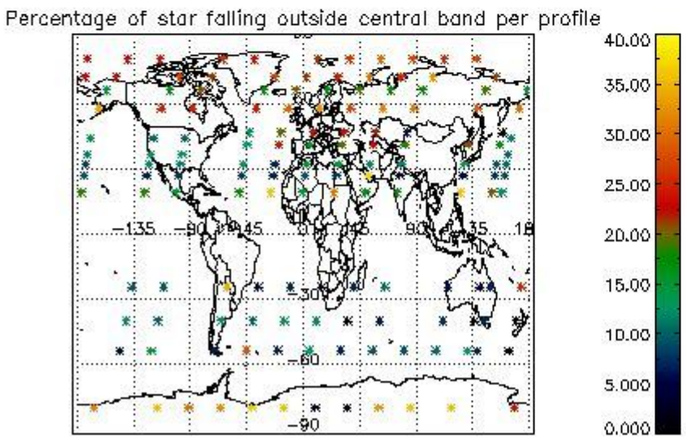
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

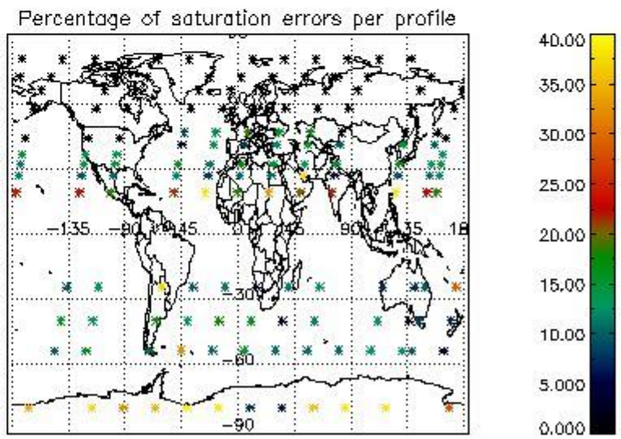


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes









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

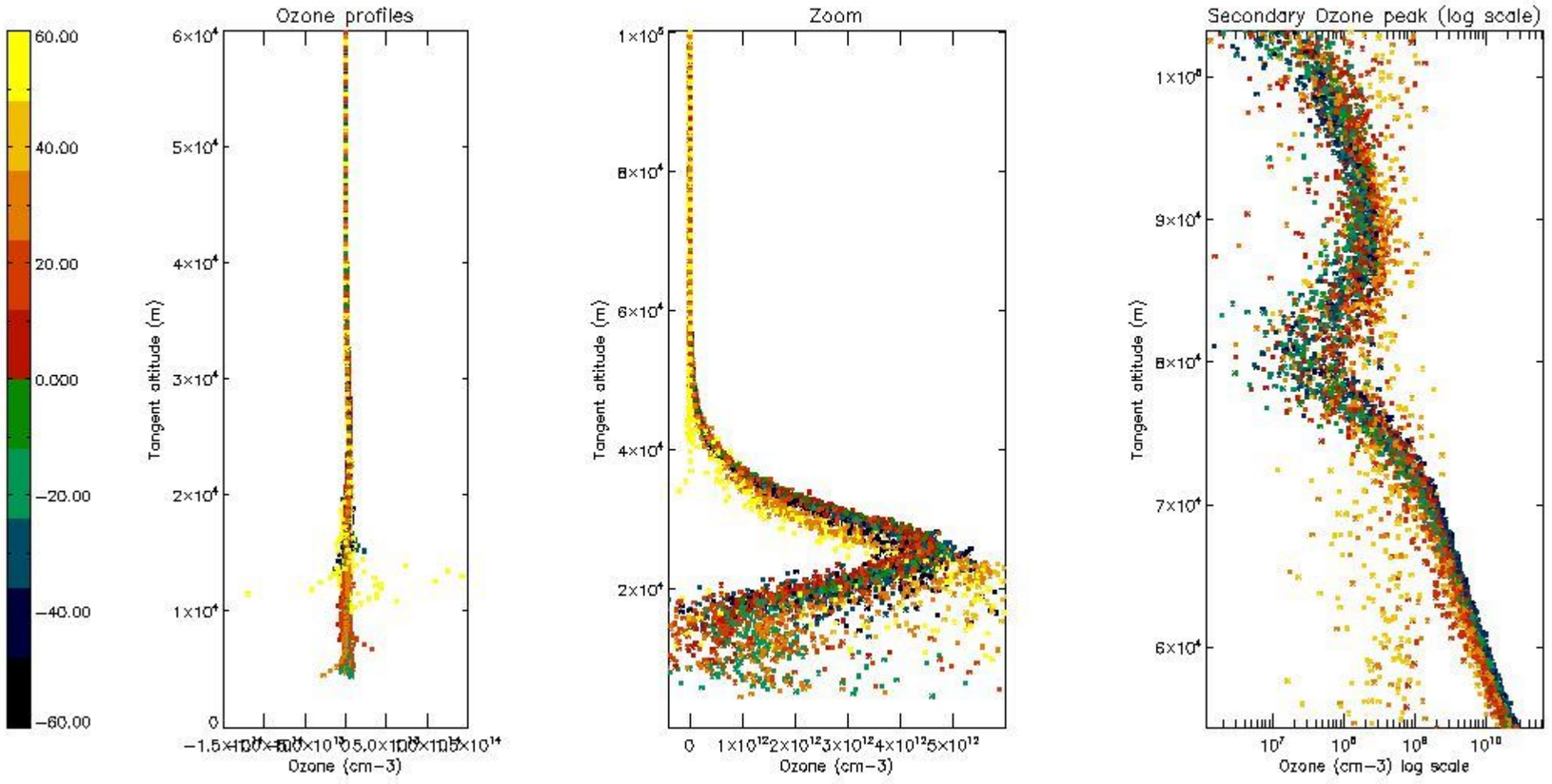
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	38
STD < 20	20

STD < 10	16
STD < 5	10

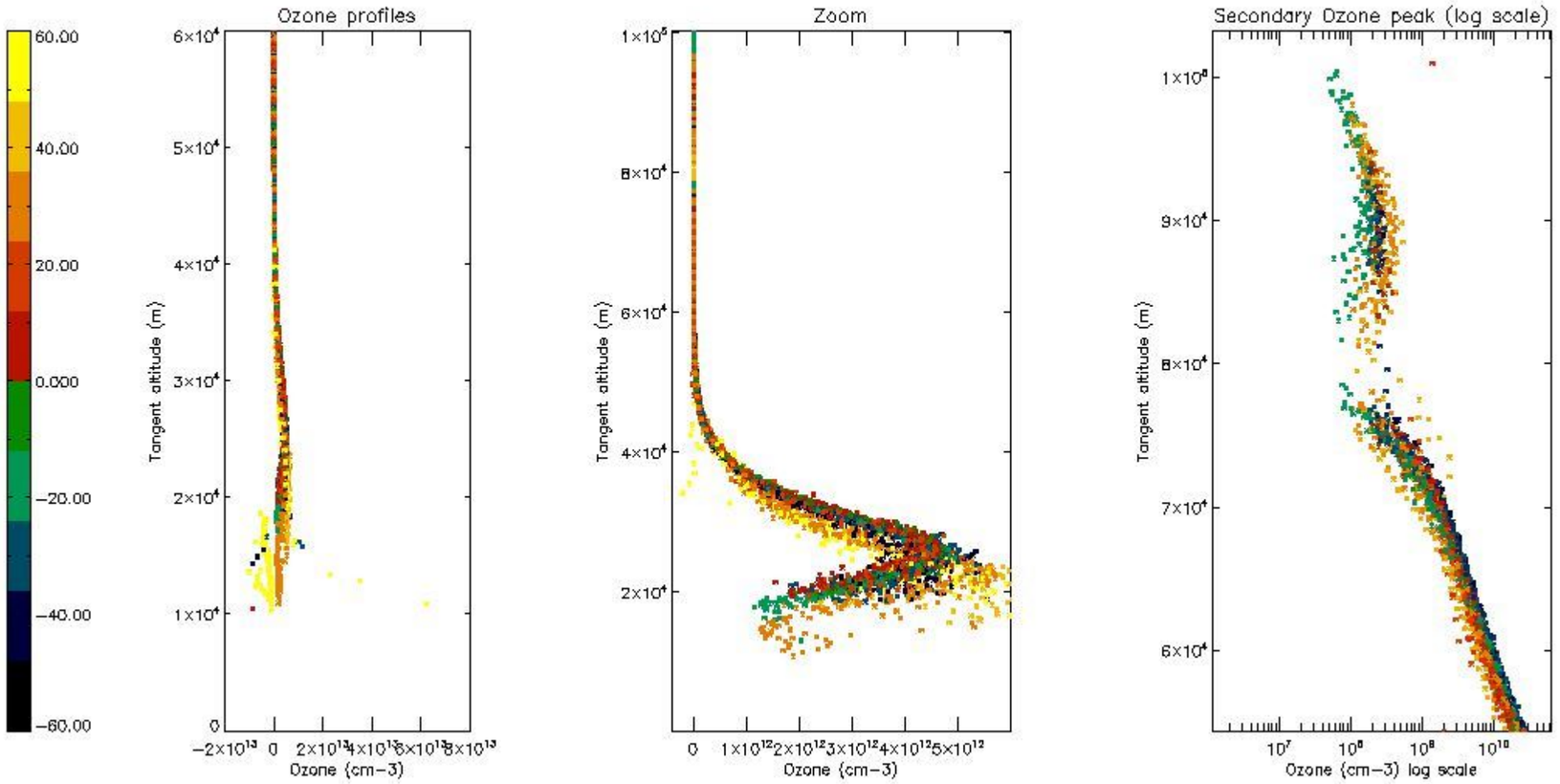
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



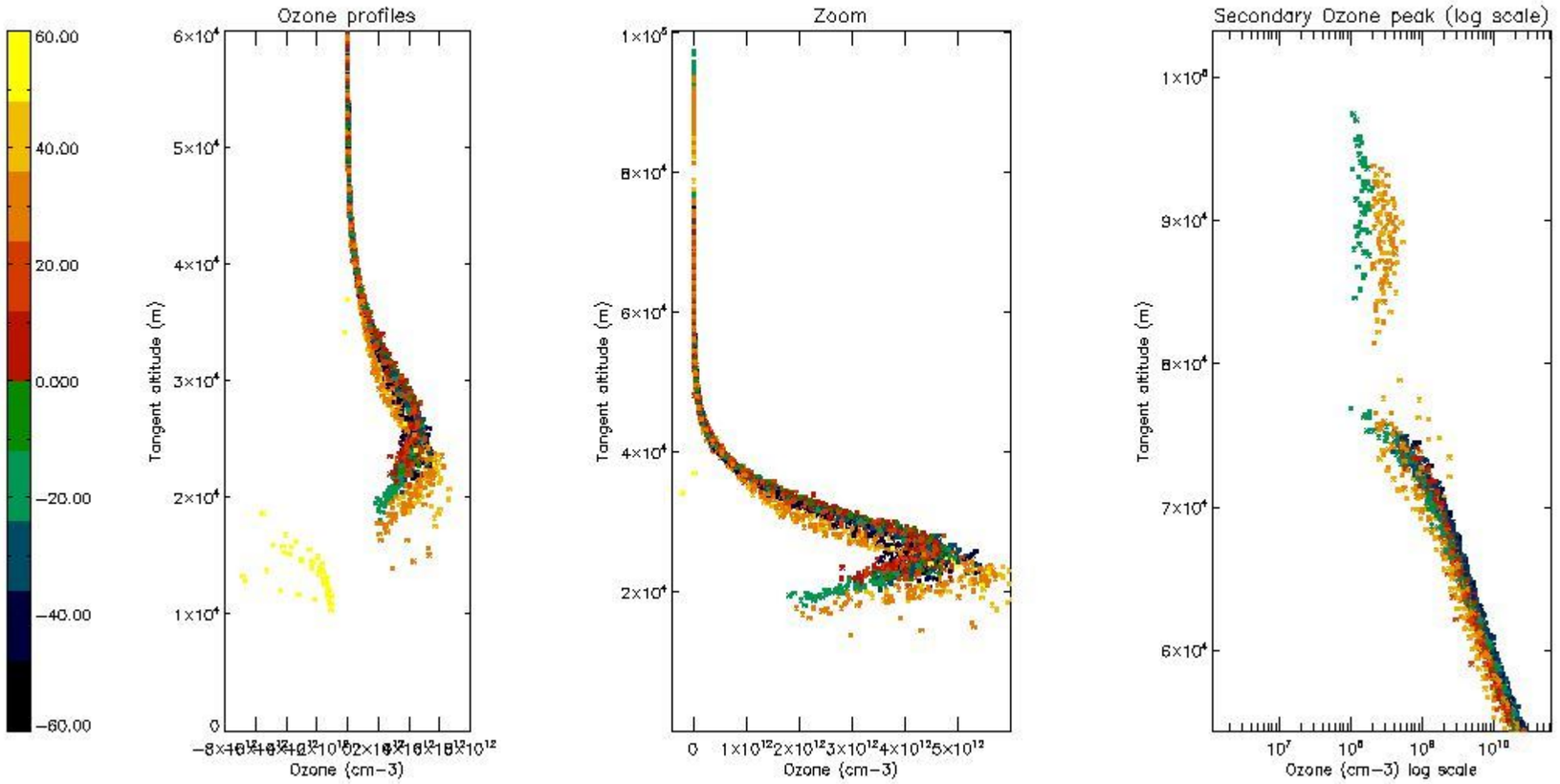
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



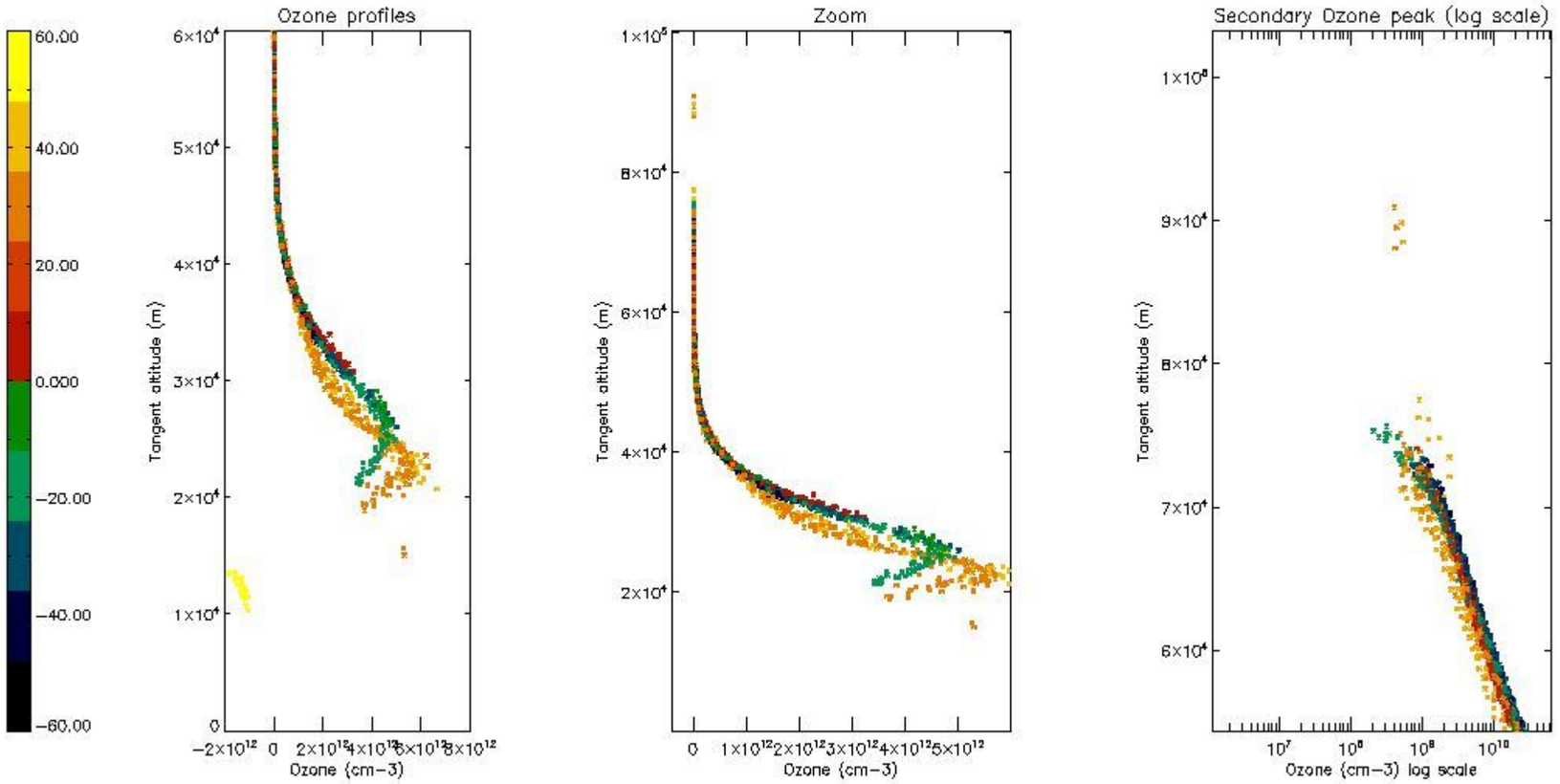
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



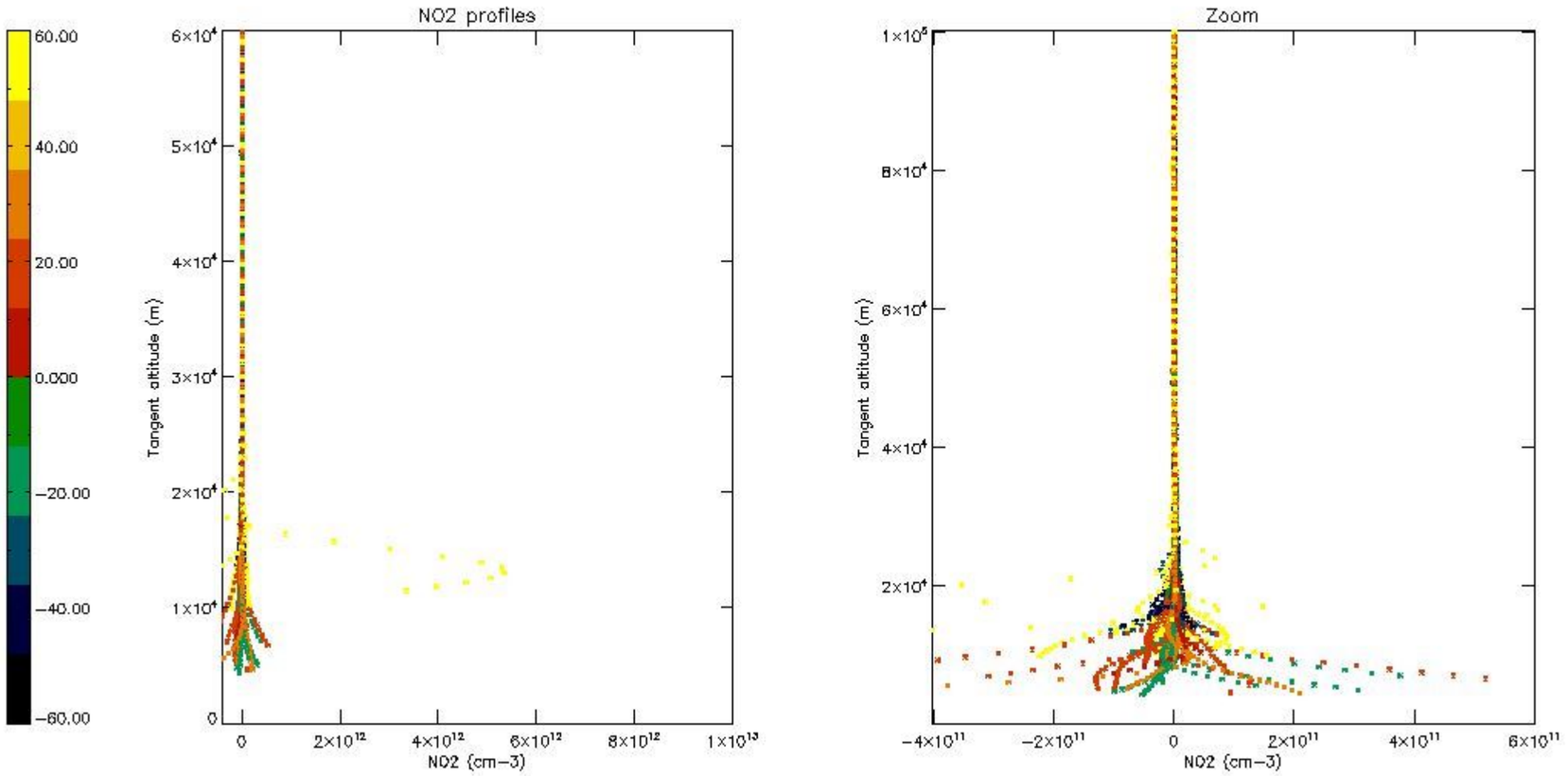
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



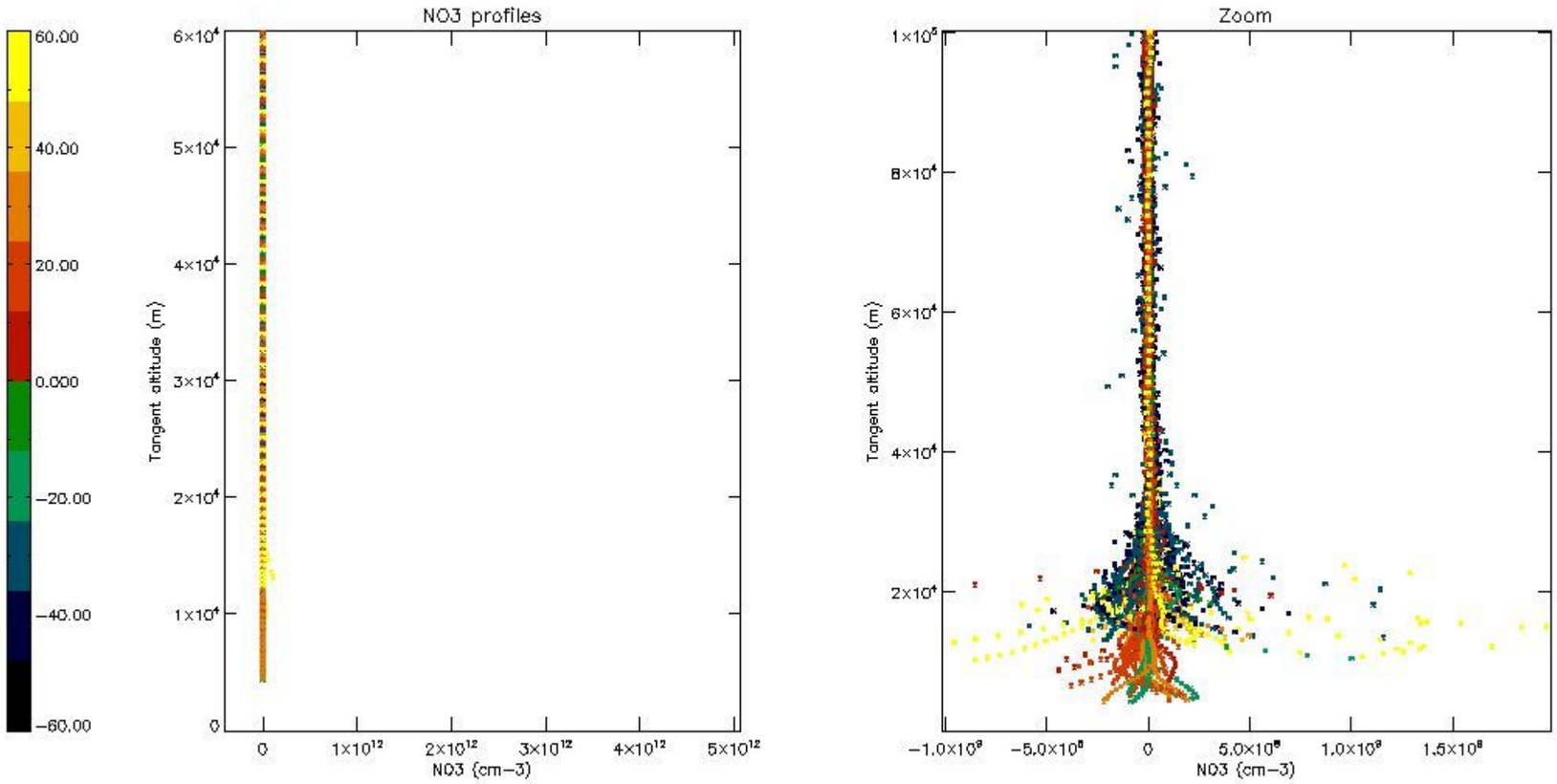
5.6 Plot NO2 profiles for all STD (dark without errors)

The colorbar represents the latitude.



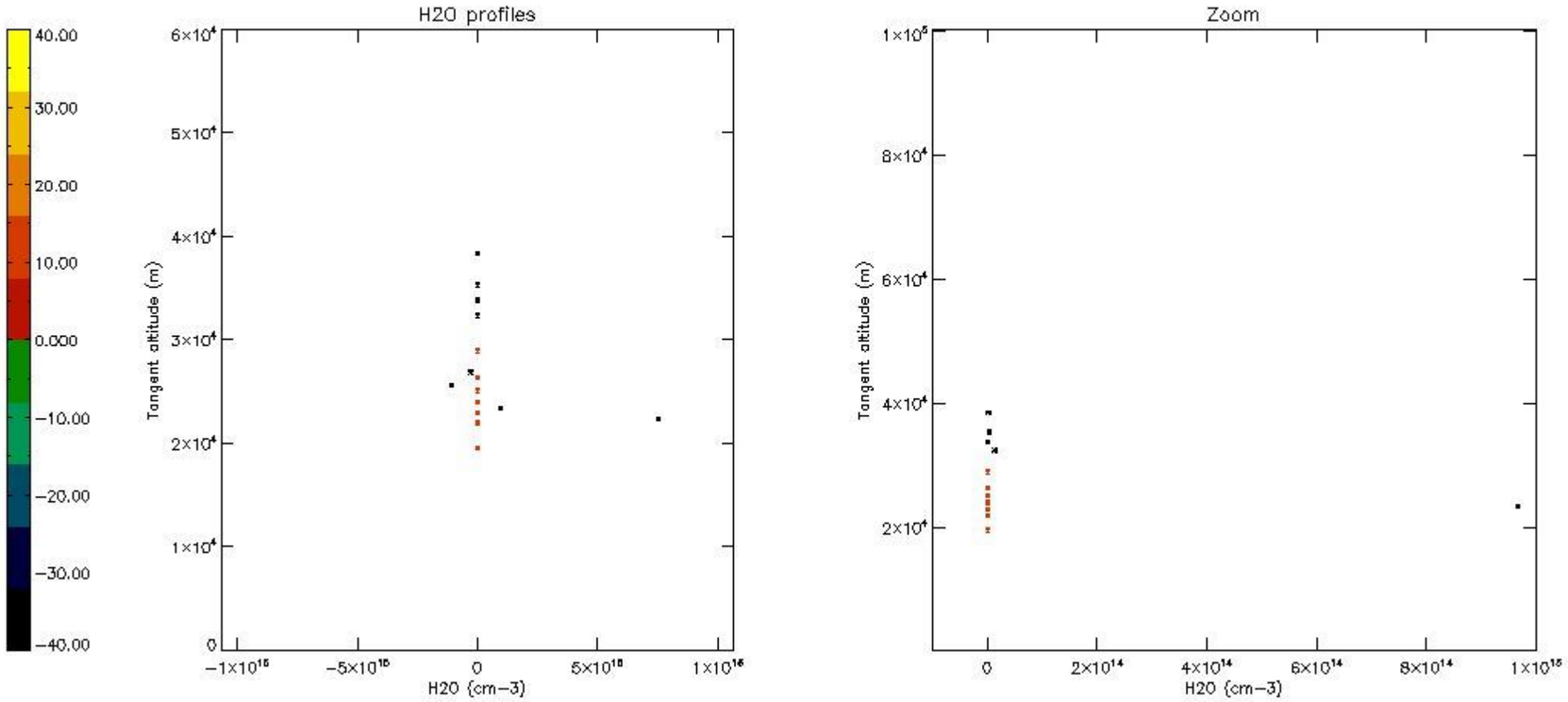
5.7 Plot NO3 profiles for all STD (dark without errors)

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	02-JAN-2009 00:02:46
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	02-JAN-2009 00:02:46
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	02-JAN-2009 00:02:46

GOMOS Level 2 Daily Report

SUMMARY

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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	25APR2013 08:35:49
Data source version	GOMOS/6.01
Start time of products	02-01-2009 (02JAN2009 00:00:00)
Stop time of products	03-01-2009 (03JAN2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	377
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__2PRFIN20090102_000246_000000342075_00145_35770_0427.N1	02-JAN-2009 00:02:46	Bright	34.000	44	24Gam Gem	1.9280	11000.	68	35770	No
2	GOM_NL__2PRFIN20090102_000424_000000472075_00145_35770_0428.N1	02-JAN-2009 00:04:24	Bright	46.500	151	13Mu Gem	2.8900	3000.0	93	35770	No
3	GOM_NL__2PRFIN20090102_000654_000000372075_00145_35770_0429.N1	02-JAN-2009 00:06:54	Bright	37.000	114	3Iot Aur	2.6930	4600.0	74	35770	No
4	GOM_NL__2PRFIN20090102_000824_000000392075_00145_35770_0430.N1	02-JAN-2009 00:08:24	Bright	38.500	107	37The Aur	2.6490	11000.	77	35770	No
5	GOM_NL__2PRFIN20090102_001033_000000422075_00145_35770_0431.N1	02-JAN-2009 00:10:33	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	35770	No
6	GOM_NL__2PRFIN20090102_002245_000000352075_00145_35770_0432.N1	02-JAN-2009 00:22:45	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	35770	No
7	GOM_NL__2PRFIN20090102_002710_000000342075_00145_35770_0433.N1	02-JAN-2009 00:27:10	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	35770	No
8	GOM_NL__2PRFIN20090102_003104_000000392075_00145_35770_0434.N1	02-JAN-2009 00:31:04	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	35770	No
9	GOM_NL__2PRFIN20090102_003926_000000522075_00145_35770_0435.N1	02-JAN-2009 00:39:26	Bright	52.000	133	40Zet Her	2.8070	6000.0	104	35770	No
10	GOM_NL__2PRFIN20090102_004200_000000632075_00145_35770_0436.N1	02-JAN-2009 00:42:00	Bright	63.000	83		2.3780	11000.	126	35770	No
11	GOM_NL__2PRFIN20090102_004717_000000372075_00145_35770_0437.N1	02-JAN-2009 00:47:17	Bright	36.500	102	24Alp Ser	2.6000	4250.0	73	35770	No
12	GOM_NL__2PRFIN20090102_005224_000000382075_00145_35770_0438.N1	02-JAN-2009 00:52:24	Bright	37.500	104	27Bet Lib	2.6140	13100.	75	35770	No
13	GOM_NL__2PRFIN20090102_005506_000000472075_00145_35770_0439.N1	02-JAN-2009 00:55:06	Twi_and_stray	46.500	122	9Alp2Lib	2.7470	9700.0	93	35770	No
14	GOM_NL__2PRFIN20090102_010315_000000422075_00145_35770_0440.N1	02-JAN-2009 01:03:15	Dark	41.500	78	Alp Lup	2.3040	28000.	83	35770	No
15	GOM_NL__2PRFIN20090102_010704_000000432075_00146_35771_0426.N1	02-JAN-2009 01:07:04	Dark	42.500	10	Bet Cen	0.61000	28000.	85	35771	No
16	GOM_NL__2PRFIN20090102_011338_000000382075_00146_35771_0427.N1	02-JAN-2009 01:13:38	Dark	38.000	124	The Car	2.7640	30000.	76	35771	No
17	GOM_NL__2PRFIN20090102_011531_000000382075_00146_35771_0428.N1	02-JAN-2009 01:15:31	Dark	38.000	29	Bet Car	1.6720	10200.	76	35771	No
18	GOM_NL__2PRFIN20090102_011657_000000412075_00146_35771_0429.N1	02-JAN-2009 01:16:57	Dark	41.000	71	Iot Car	2.2460	7700.0	82	35771	No
19	GOM_NL__2PRFIN20090102_011831_000000502075_00146_35771_0430.N1	02-JAN-2009 01:18:31	Dark	50.000	41	Eps Car	1.8600	4100.0	100	35771	No
20	GOM_NL__2PRFIN20090102_012037_000000352075_00146_35771_0431.N1	02-JAN-2009 01:20:37	Dark	35.000	65	Lam Vel	2.2040	4400.0	70	35771	No
21	GOM_NL__2PRFIN20090102_012144_000000442075_00146_35771_0432.N1	02-JAN-2009 01:21:44	Dark	43.500	34	Gam2Vel	1.7930	23000.	87	35771	No
22	GOM_NL__2PRFIN20090102_012355_000000462075_00146_35771_0433.N1	02-JAN-2009 01:23:55	Dark	45.500	70	Zet Pup	2.2460	39000.	91	35771	No
23	GOM_NL__2PRFIN20090102_012557_000000462075_00146_35771_0434.N1	02-JAN-2009 01:25:57	Dark	45.500	117	Pi Pup	2.7060	3800.0	91	35771	No
24	GOM_NL__2PRFIN20090102_012843_000000472075_00146_35771_0435.N1	02-JAN-2009 01:28:43	Straylight	46.500	23	21Eps CMa	1.5020	26000.	93	35771	No
25	GOM_NL__2PRFIN20090102_013015_000000452075_00146_35771_0436.N1	02-JAN-2009 01:30:15	Straylight	45.000	179	24Omi2CMa	3.0320	24000.	90	35771	No
26	GOM_NL__2PRFIN20090102_013241_000000492075_00146_35771_0437.N1	02-JAN-2009 01:32:41	Straylight	49.000	1	9Alp CMa	-1.4400	11000.	98	35771	No
27	GOM_NL__2PRFIN20090102_013550_000000432075_00146_35771_0438.N1	02-JAN-2009 01:35:50	Straylight	43.000	7	19Bet Ori	0.10000	14000.	86	35771	No
28	GOM_NL__2PRFIN20090102_013740_000000432075_00146_35771_0439.N1	02-JAN-2009 01:37:40	Straylight	42.500	30	46Eps Ori	1.6940	30000.	85	35771	No
29	GOM_NL__2PRFIN20090102_014009_000000502075_00146_35771_0440.N1	02-JAN-2009 01:40:09	Twi_and_stray	50.000	14	58Alp Ori	0.87000	3000.0	100	35771	No
30	GOM_NL__2PRFIN20090102_014321_000000342075_00146_35771_0441.N1	02-JAN-2009 01:43:21	Twi_and_stray	34.000	44	24Gam Gem	1.9280	11000.	68	35771	No
31	GOM_NL__2PRFIN20090102_014459_000000492075_00146_35771_0442.N1	02-JAN-2009 01:44:59	Bright	48.500	151	13Mu Gem	2.8900	3000.0	97	35771	No
32	GOM_NL__2PRFIN20090102_014730_000000392075_00146_35771_0443.N1	02-JAN-2009 01:47:30	Bright	38.500	114	3Iot Aur	2.6930	4600.0	77	35771	No
33	GOM_NL__2PRFIN20090102_014900_000000382075_00146_35771_0444.N1	02-JAN-2009 01:49:00	Bright	37.500	107	37The Aur	2.6490	11000.	75	35771	No
34	GOM_NL__2PRFIN20090102_015108_000000532075_00146_35771_0445.N1	02-JAN-2009 01:51:08	Bright	53.000	6	13Alp Aur	0.080000	3400.0	106	35771	No
35	GOM_NL__2PRFIN20090102_020321_000000352075_00146_35771_0446.N1	02-JAN-2009 02:03:21	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	35771	No
36	GOM_NL__2PRFIN20090102_020746_000000402075_00146_35771_0447.N1	02-JAN-2009 02:07:46	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	35771	No
37	GOM_NL__2PRFIN20090102_021140_000000392075_00146_35771_0448.N1	02-JAN-2009 02:11:40	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	35771	No
38	GOM_NL__2PRFIN20090102_022002_000000492075_00146_35771_0449.N1	02-JAN-2009 02:20:02	Bright	49.000	133	40Zet Her	2.8070	6000.0	98	35771	No
39	GOM_NL__2PRFIN20090102_022236_000000562075_00146_35771_0450.N1	02-JAN-2009 02:22:36	Bright	56.000	83		2.3780	11000.	112	35771	No
40	GOM_NL__2PRFIN20090102_022753_000000362075_00146_35771_0451.N1	02-JAN-2009 02:27:53	Bright	36.000	102	24Alp Ser	2.6000	4250.0	72	35771	No
41	GOM_NL__2PRFIN20090102_023300_000000552075_00146_35771_0452.N1	02-JAN-2009 02:33:00	Bright	54.500	104	27Bet Lib	2.6140	13100.	109	35771	No
42	GOM_NL__2PRFIN20090102_024222_000000392075_00146_35771_0453.N1	02-JAN-2009 02:42:22	Dark	38.500	109	Bet Lup	2.6770	26000.	77	35771	No

43	GOM_NL__2PRFIN20090102_024350_000000382075_00146_35771_0454.N1	02-JAN-2009 02:43:50	Dark	37.500	78	Alp Lup	2.3040	28000.	75	35771	No
44	GOM_NL__2PRFIN20090102_024521_000000412075_00146_35771_0455.N1	02-JAN-2009 02:45:21	Dark	40.500	95	Zet Cen	2.5450	26000.	81	35771	No
45	GOM_NL__2PRFIN20090102_024740_000000412075_00147_35772_0456.N1	02-JAN-2009 02:47:40	Dark	41.000	10	Bet Cen	0.61000	28000.	82	35772	No
46	GOM_NL__2PRFIN20090102_035216_000000382075_00147_35772_0441.N1	02-JAN-2009 03:52:16	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	35772	No
47	GOM_NL__2PRFIN20090102_040038_000000342075_00147_35772_0442.N1	02-JAN-2009 04:00:38	Bright	33.500	133	40Zet Her	2.8070	6000.0	67	35772	No
48	GOM_NL__2PRFIN20090102_040314_000000402075_00147_35772_0443.N1	02-JAN-2009 04:03:14	Bright	39.500	83		2.3780	11000.	79	35772	No
49	GOM_NL__2PRFIN20090102_040830_000000542075_00147_35772_0444.N1	02-JAN-2009 04:08:30	Bright	54.000	102	24Alp Ser	2.6000	4250.0	108	35772	No
50	GOM_NL__2PRFIN20090102_041047_000000522075_00147_35772_0445.N1	02-JAN-2009 04:10:47	Bright	52.000	120	1Del Oph	2.7340	3200.0	104	35772	No
51	GOM_NL__2PRFIN20090102_041336_000000562075_00147_35772_0446.N1	02-JAN-2009 04:13:36	Bright	56.000	104	27Bet Lib	2.6140	13100.	112	35772	No
52	GOM_NL__2PRFIN20090102_041619_000000462075_00147_35772_0447.N1	02-JAN-2009 04:16:19	Twi_and_stray	46.000	122	9Alp2Lib	2.7470	9700.0	92	35772	No
53	GOM_NL__2PRFIN20090102_042258_000000402075_00147_35772_0448.N1	02-JAN-2009 04:22:58	Dark	39.500	109	Bet Lup	2.6770	26000.	79	35772	No
54	GOM_NL__2PRFIN20090102_042427_000000422075_00147_35772_0449.N1	02-JAN-2009 04:24:27	Dark	42.000	78	Alp Lup	2.3040	28000.	84	35772	No
55	GOM_NL__2PRFIN20090102_042559_000000392075_00147_35772_0450.N1	02-JAN-2009 04:25:59	Dark	39.000	95	Zet Cen	2.5450	26000.	78	35772	No
56	GOM_NL__2PRFIN20090102_042817_000000502075_00148_35773_0449.N1	02-JAN-2009 04:28:17	Dark	49.500	10	Bet Cen	0.61000	28000.	99	35773	No
57	GOM_NL__2PRFIN20090102_043450_000000392075_00148_35773_0450.N1	02-JAN-2009 04:34:50	Dark	38.500	124	The Car	2.7640	30000.	77	35773	No
58	GOM_NL__2PRFIN20090102_043643_000000392075_00148_35773_0451.N1	02-JAN-2009 04:36:43	Dark	38.500	29	Bet Car	1.6720	10200.	77	35773	No
59	GOM_NL__2PRFIN20090102_043811_000000412075_00148_35773_0452.N1	02-JAN-2009 04:38:11	Dark	41.000	71	Iot Car	2.2460	7700.0	82	35773	No
60	GOM_NL__2PRFIN20090102_043944_000000462075_00148_35773_0453.N1	02-JAN-2009 04:39:44	Dark	46.000	41	Eps Car	1.8600	4100.0	92	35773	No
61	GOM_NL__2PRFIN20090102_044149_000000372075_00148_35773_0454.N1	02-JAN-2009 04:41:49	Dark	37.000	65	Lam Vel	2.2040	4400.0	74	35773	No
62	GOM_NL__2PRFIN20090102_044256_000000472075_00148_35773_0455.N1	02-JAN-2009 04:42:56	Dark	46.500	34	Gam2Vel	1.7930	23000.	93	35773	No
63	GOM_NL__2PRFIN20090102_044508_000000462075_00148_35773_0456.N1	02-JAN-2009 04:45:08	Dark	45.500	70	Zet Pup	2.2460	39000.	91	35773	No
64	GOM_NL__2PRFIN20090102_044709_000000492075_00148_35773_0457.N1	02-JAN-2009 04:47:09	Dark	48.500	117	Pi Pup	2.7060	3800.0	97	35773	No
65	GOM_NL__2PRFIN20090102_044956_000000482075_00148_35773_0458.N1	02-JAN-2009 04:49:56	Straylight	47.500	23	21Eps CMa	1.5020	26000.	95	35773	No
66	GOM_NL__2PRFIN20090102_045128_000000432075_00148_35773_0459.N1	02-JAN-2009 04:51:28	Straylight	43.000	179	24Omi2CMa	3.0320	24000.	86	35773	No
67	GOM_NL__2PRFIN20090102_045353_000000532075_00148_35773_0460.N1	02-JAN-2009 04:53:53	Straylight	52.500	1	9Alp CMa	-1.4400	11000.	105	35773	No
68	GOM_NL__2PRFIN20090102_045702_000000512075_00148_35773_0461.N1	02-JAN-2009 04:57:02	Straylight	51.000	7	19Bet Ori	0.10000	14000.	102	35773	No
69	GOM_NL__2PRFIN20090102_045852_000000432075_00148_35773_0462.N1	02-JAN-2009 04:58:52	Straylight	42.500	30	46Eps Ori	1.6940	30000.	85	35773	No
70	GOM_NL__2PRFIN20090102_050121_000000512075_00148_35773_0463.N1	02-JAN-2009 05:01:21	Twi_and_stray	50.500	14	58Alp Ori	0.87000	3000.0	101	35773	No
71	GOM_NL__2PRFIN20090102_050432_000000422075_00148_35773_0464.N1	02-JAN-2009 05:04:32	Bright	42.000	44	24Gam Gem	1.9280	11000.	84	35773	No
72	GOM_NL__2PRFIN20090102_050611_000000462075_00148_35773_0465.N1	02-JAN-2009 05:06:11	Bright	45.500	151	13Mu Gem	2.8900	3000.0	91	35773	No
73	GOM_NL__2PRFIN20090102_050843_000000382075_00148_35773_0466.N1	02-JAN-2009 05:08:43	Bright	37.500	114	3Iot Aur	2.6930	4600.0	75	35773	No
74	GOM_NL__2PRFIN20090102_051012_000000362075_00148_35773_0467.N1	02-JAN-2009 05:10:12	Bright	36.000	107	37The Aur	2.6490	11000.	72	35773	No
75	GOM_NL__2PRFIN20090102_051220_000000422075_00148_35773_0468.N1	02-JAN-2009 05:12:20	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	35773	No
76	GOM_NL__2PRFIN20090102_052432_000000382075_00148_35773_0469.N1	02-JAN-2009 05:24:32	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	35773	No
77	GOM_NL__2PRFIN20090102_052858_000000392075_00148_35773_0470.N1	02-JAN-2009 05:28:58	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	35773	No
78	GOM_NL__2PRFIN20090102_053252_000000382075_00148_35773_0471.N1	02-JAN-2009 05:32:52	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	35773	No
79	GOM_NL__2PRFIN20090102_054114_000000352075_00148_35773_0472.N1	02-JAN-2009 05:41:14	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	35773	No
80	GOM_NL__2PRFIN20090102_054348_000000422075_00148_35773_0473.N1	02-JAN-2009 05:43:48	Bright	42.000	83		2.3780	11000.	84	35773	No
81	GOM_NL__2PRFIN20090102_054906_000000362075_00148_35773_0474.N1	02-JAN-2009 05:49:06	Bright	36.000	102	24Alp Ser	2.6000	4250.0	72	35773	No
82	GOM_NL__2PRFIN20090102_055124_000000352075_00148_35773_0475.N1	02-JAN-2009 05:51:24	Bright	34.500	120	1Del Oph	2.7340	3200.0	69	35773	No
83	GOM_NL__2PRFIN20090102_055413_000000562075_00148_35773_0476.N1	02-JAN-2009 05:54:13	Bright	56.000	104	27Bet Lib	2.6140	13100.	112	35773	No
84	GOM_NL__2PRFIN20090102_055655_000000482075_00148_35773_0477.N1	02-JAN-2009 05:56:55	Twi_and_stray	48.000	122	9Alp2Lib	2.7470	9700.0	96	35773	No
85	GOM_NL__2PRFIN20090102_060334_000000392075_00148_35773_0478.N1	02-JAN-2009 06:03:34	Dark	39.000	109	Bet Lup	2.6770	26000.	78	35773	No
86	GOM_NL__2PRFIN20090102_060503_000000432075_00148_35773_0479.N1	02-JAN-2009 06:05:03	Dark	43.000	78	Alp Lup	2.3040	28000.	86	35773	No
87	GOM_NL__2PRFIN20090102_060635_000000402075_00148_35773_0480.N1	02-JAN-2009 06:06:35	Dark	40.000	95	Zet Cen	2.5450	26000.	80	35773	No
88	GOM_NL__2PRFIN20090102_060853_000000522075_00149_35774_0487.N1	02-JAN-2009 06:08:53	Dark	51.500	10	Bet Cen	0.61000	28000.	103	35774	No
89	GOM_NL__2PRFIN20090102_061526_000000392075_00149_35774_0488.N1	02-JAN-2009 06:15:26	Dark	39.000	124	The Car	2.7640	30000.	78	35774	No
90	GOM_NL__2PRFIN20090102_061720_000000422075_00149_35774_0489.N1	02-JAN-2009 06:17:20	Dark	41.500	29	Bet Car	1.6720	10200.	83	35774	No
91	GOM_NL__2PRFIN20090102_061847_000000412075_00149_35774_0490.N1	02-JAN-2009 06:18:47	Dark	40.500	71	Iot Car	2.2460	7700.0	81	35774	No
92	GOM_NL__2PRFIN20090102_062021_000000442075_00149_35774_0491.N1	02-JAN-2009 06:20:21	Dark	44.000	41	Eps Car	1.8600	4100.0	88	35774	No
93	GOM_NL__2PRFIN20090102_062226_000000402075_00149_35774_0492.N1	02-JAN-2009 06:22:26	Dark	40.000	65	Lam Vel	2.2040	4400.0	80	35774	No
94	GOM_NL__2PRFIN20090102_062333_000000462075_00149_35774_0493.N1	02-JAN-2009 06:23:33	Dark	46.000	34	Gam2Vel	1.7930	23000.	92	35774	No
95	GOM_NL__2PRFIN20090102_062544_000000492075_00149_35774_0494.N1	02-JAN-2009 06:25:44	Dark	48.500	70	Zet Pup	2.2460	39000.	97	35774	No
96	GOM_NL__2PRFIN20090102_062746_000000462075_00149_35774_0495.N1	02-JAN-2009 06:27:46	Dark	45.500	117	Pi Pup	2.7060	3800.0	91	35774	No
97	GOM_NL__2PRFIN20090102_063032_000000472075_00149_35774_0496.N1	02-JAN-2009 06:30:32	Straylight	47.000	23	21Eps CMa	1.5020	26000.	94	35774	No
98	GOM_NL__2PRFIN20090102_063204_000000462075_00149_35774_0497.N1	02-JAN-2009 06:32:04	Straylight	46.000	179	24Omi2CMa	3.0320	24000.	92	35774	No
99	GOM_NL__2PRFIN20090102_063430_000000522075_00149_35774_0498.N1	02-JAN-2009 06:34:30	Straylight	51.500	1	9Alp CMa	-1.4400	11000.	103	35774	No
100	GOM_NL__2PRFIN20090102_063738_000000462075_00149_35774_0499.N1	02-JAN-2009 06:37:38	Straylight	45.500	7	19Bet Ori	0.10000	14000.	91	35774	No
101	GOM_NL__2PRFIN20090102_063928_000000422075_00149_35774_0500.N1	02-JAN-2009 06:39:28	Straylight	42.000	30	46Eps Ori	1.6940	30000.	84	35774	No

102	GOM_NL__2PRFIN20090102_064158_000000532075_00149_35774_0501.N1	02-JAN-2009 06:41:58	Twi_and_stray	53.000	14	58Alp Ori	0.87000	3000.0	106	35774	No
103	GOM_NL__2PRFIN20090102_064508_000000502075_00149_35774_0502.N1	02-JAN-2009 06:45:08	Bright	50.000	44	24Gam Gem	1.9280	11000.	100	35774	No
104	GOM_NL__2PRFIN20090102_064646_000000492075_00149_35774_0503.N1	02-JAN-2009 06:46:46	Bright	49.000	151	13Mu Gem	2.8900	3000.0	98	35774	No
105	GOM_NL__2PRFIN20090102_064918_000000382075_00149_35774_0504.N1	02-JAN-2009 06:49:18	Bright	38.000	114	3Iot Aur	2.6930	4600.0	76	35774	No
106	GOM_NL__2PRFIN20090102_065047_000000562075_00149_35774_0505.N1	02-JAN-2009 06:50:47	Bright	56.000	107	37The Aur	2.6490	11000.	112	35774	No
107	GOM_NL__2PRFIN20090102_065256_000000422075_00149_35774_0506.N1	02-JAN-2009 06:52:56	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	35774	No
108	GOM_NL__2PRFIN20090102_070509_000000362075_00149_35774_0507.N1	02-JAN-2009 07:05:09	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	35774	No
109	GOM_NL__2PRFIN20090102_070934_000000352075_00149_35774_0508.N1	02-JAN-2009 07:09:34	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	35774	No
110	GOM_NL__2PRFIN20090102_071328_000000382075_00149_35774_0509.N1	02-JAN-2009 07:13:28	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	35774	No
111	GOM_NL__2PRFIN20090102_072150_000000522075_00149_35774_0510.N1	02-JAN-2009 07:21:50	Bright	52.000	133	40Zet Her	2.8070	6000.0	104	35774	No
112	GOM_NL__2PRFIN20090102_072424_000000632075_00149_35774_0511.N1	02-JAN-2009 07:24:24	Bright	63.000	83		2.3780	11000.	126	35774	No
113	GOM_NL__2PRFIN20090102_072942_000000542075_00149_35774_0512.N1	02-JAN-2009 07:29:42	Bright	54.000	102	24Alp Ser	2.6000	4250.0	108	35774	No
114	GOM_NL__2PRFIN20090102_073200_000000342075_00149_35774_0513.N1	02-JAN-2009 07:32:00	Bright	34.000	120	1Del Oph	2.7340	3200.0	68	35774	No
115	GOM_NL__2PRFIN20090102_073449_000000562075_00149_35774_0514.N1	02-JAN-2009 07:34:49	Bright	56.000	104	27Bet Lib	2.6140	13100.	112	35774	No
116	GOM_NL__2PRFIN20090102_073732_000000452075_00149_35774_0515.N1	02-JAN-2009 07:37:32	Twi_and_stray	45.000	122	9Alp2Lib	2.7470	9700.0	90	35774	No
117	GOM_NL__2PRFIN20090102_074411_000000402075_00149_35774_0516.N1	02-JAN-2009 07:44:11	Dark	40.000	109	Bet Lup	2.6770	26000.	80	35774	No
118	GOM_NL__2PRFIN20090102_074540_000000412075_00149_35774_0517.N1	02-JAN-2009 07:45:40	Dark	41.000	78	Alp Lup	2.3040	28000.	82	35774	No
119	GOM_NL__2PRFIN20090102_074712_000000442075_00149_35774_0518.N1	02-JAN-2009 07:47:12	Dark	43.500	95	Zet Cen	2.5450	26000.	87	35774	No
120	GOM_NL__2PRFIN20090102_074930_000000422075_00150_35775_0499.N1	02-JAN-2009 07:49:30	Dark	41.500	10	Bet Cen	0.61000	28000.	83	35775	No
121	GOM_NL__2PRFIN20090102_075603_000000402075_00150_35775_0500.N1	02-JAN-2009 07:56:03	Dark	40.000	124	The Car	2.7640	30000.	80	35775	No
122	GOM_NL__2PRFIN20090102_075756_000000472075_00150_35775_0501.N1	02-JAN-2009 07:57:56	Dark	46.500	29	Bet Car	1.6720	10200.	93	35775	No
123	GOM_NL__2PRFIN20090102_075923_000000432075_00150_35775_0502.N1	02-JAN-2009 07:59:23	Dark	43.000	71	Iot Car	2.2460	7700.0	86	35775	No
124	GOM_NL__2PRFIN20090102_080057_000000482075_00150_35775_0503.N1	02-JAN-2009 08:00:57	Dark	48.000	41	Eps Car	1.8600	4100.0	96	35775	No
125	GOM_NL__2PRFIN20090102_080303_000000402075_00150_35775_0504.N1	02-JAN-2009 08:03:03	Dark	40.000	65	Lam Vel	2.2040	4400.0	80	35775	No
126	GOM_NL__2PRFIN20090102_080409_000000472075_00150_35775_0505.N1	02-JAN-2009 08:04:09	Dark	46.500	34	Gam2Vel	1.7930	23000.	93	35775	No
127	GOM_NL__2PRFIN20090102_080621_000000472075_00150_35775_0506.N1	02-JAN-2009 08:06:21	Dark	46.500	70	Zet Pup	2.2460	39000.	93	35775	No
128	GOM_NL__2PRFIN20090102_080822_000000482075_00150_35775_0507.N1	02-JAN-2009 08:08:22	Dark	47.500	117	Pi Pup	2.7060	3800.0	95	35775	No
129	GOM_NL__2PRFIN20090102_081108_000000472075_00150_35775_0508.N1	02-JAN-2009 08:11:08	Straylight	46.500	23	21Eps CMa	1.5020	26000.	93	35775	No
130	GOM_NL__2PRFIN20090102_081240_000000452075_00150_35775_0509.N1	02-JAN-2009 08:12:40	Straylight	44.500	179	24Omi2CMa	3.0320	24000.	89	35775	No
131	GOM_NL__2PRFIN20090102_081506_000000522075_00150_35775_0510.N1	02-JAN-2009 08:15:06	Straylight	51.500	1	9Alp CMa	-1.4400	11000.	103	35775	No
132	GOM_NL__2PRFIN20090102_081814_000000492075_00150_35775_0511.N1	02-JAN-2009 08:18:14	Straylight	49.000	7	19Bet Ori	0.10000	14000.	98	35775	No
133	GOM_NL__2PRFIN20090102_082004_000000422075_00150_35775_0512.N1	02-JAN-2009 08:20:04	Straylight	42.000	30	46Eps Ori	1.6940	30000.	84	35775	No
134	GOM_NL__2PRFIN20090102_082233_000000482075_00150_35775_0513.N1	02-JAN-2009 08:22:33	Twi_and_stray	48.000	14	58Alp Ori	0.87000	3000.0	96	35775	No
135	GOM_NL__2PRFIN20090102_082544_000000502075_00150_35775_0514.N1	02-JAN-2009 08:25:44	Bright	49.500	44	24Gam Gem	1.9280	11000.	99	35775	No
136	GOM_NL__2PRFIN20090102_082723_000000472075_00150_35775_0515.N1	02-JAN-2009 08:27:23	Bright	46.500	151	13Mu Gem	2.8900	3000.0	93	35775	No
137	GOM_NL__2PRFIN20090102_082955_000000382075_00150_35775_0516.N1	02-JAN-2009 08:29:55	Bright	38.000	114	3Iot Aur	2.6930	4600.0	76	35775	No
138	GOM_NL__2PRFIN20090102_083123_000000392075_00150_35775_0517.N1	02-JAN-2009 08:31:23	Bright	38.500	107	37The Aur	2.6490	11000.	77	35775	No
139	GOM_NL__2PRFIN20090102_083332_000000492075_00150_35775_0518.N1	02-JAN-2009 08:33:32	Bright	48.500	6	13Alp Aur	0.080000	3400.0	97	35775	No
140	GOM_NL__2PRFIN20090102_084545_000000342075_00150_35775_0519.N1	02-JAN-2009 08:45:45	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	35775	No
141	GOM_NL__2PRFIN20090102_085010_000000412075_00150_35775_0520.N1	02-JAN-2009 08:50:10	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	35775	No
142	GOM_NL__2PRFIN20090102_085404_000000402075_00150_35775_0521.N1	02-JAN-2009 08:54:04	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	35775	No
143	GOM_NL__2PRFIN20090102_090227_000000522075_00150_35775_0522.N1	02-JAN-2009 09:02:27	Bright	52.000	133	40Zet Her	2.8070	6000.0	104	35775	No
144	GOM_NL__2PRFIN20090102_090501_000000462075_00150_35775_0523.N1	02-JAN-2009 09:05:01	Bright	45.500	83		2.3780	11000.	91	35775	No
145	GOM_NL__2PRFIN20090102_091018_000000362075_00150_35775_0524.N1	02-JAN-2009 09:10:18	Bright	36.000	102	24Alp Ser	2.6000	4250.0	72	35775	No
146	GOM_NL__2PRFIN20090102_091236_000000352075_00150_35775_0525.N1	02-JAN-2009 09:12:36	Bright	35.000	120	1Del Oph	2.7340	3200.0	70	35775	No
147	GOM_NL__2PRFIN20090102_091526_000000562075_00150_35775_0526.N1	02-JAN-2009 09:15:26	Bright	56.000	104	27Bet Lib	2.6140	13100.	112	35775	No
148	GOM_NL__2PRFIN20090102_091808_000000462075_00150_35775_0527.N1	02-JAN-2009 09:18:08	Twi_and_stray	46.000	122	9Alp2Lib	2.7470	9700.0	92	35775	No
149	GOM_NL__2PRFIN20090102_092447_000000402075_00150_35775_0528.N1	02-JAN-2009 09:24:47	Dark	39.500	109	Bet Lup	2.6770	26000.	79	35775	No
150	GOM_NL__2PRFIN20090102_092616_000000422075_00150_35775_0529.N1	02-JAN-2009 09:26:16	Dark	41.500	78	Alp Lup	2.3040	28000.	83	35775	No
151	GOM_NL__2PRFIN20090102_092748_000000432075_00150_35775_0530.N1	02-JAN-2009 09:27:48	Dark	42.500	95	Zet Cen	2.5450	26000.	85	35775	No
152	GOM_NL__2PRFIN20090102_093005_000000492075_00151_35776_0516.N1	02-JAN-2009 09:30:05	Dark	49.000	10	Bet Cen	0.61000	28000.	98	35776	No
153	GOM_NL__2PRFIN20090102_093640_000000402075_00151_35776_0517.N1	02-JAN-2009 09:36:40	Dark	39.500	124	The Car	2.7640	30000.	79	35776	No
154	GOM_NL__2PRFIN20090102_093833_000000382075_00151_35776_0518.N1	02-JAN-2009 09:38:33	Dark	37.500	29	Bet Car	1.6720	10200.	75	35776	No
155	GOM_NL__2PRFIN20090102_094000_000000422075_00151_35776_0519.N1	02-JAN-2009 09:40:00	Dark	41.500	71	Iot Car	2.2460	7700.0	83	35776	No
156	GOM_NL__2PRFIN20090102_094133_000000512075_00151_35776_0520.N1	02-JAN-2009 09:41:33	Dark	50.500	41	Eps Car	1.8600	4100.0	101	35776	No
157	GOM_NL__2PRFIN20090102_094339_000000422075_00151_35776_0521.N1	02-JAN-2009 09:43:39	Dark	42.000	65	Lam Vel	2.2040	4400.0	84	35776	No
158	GOM_NL__2PRFIN20090102_094445_000000432075_00151_35776_0522.N1	02-JAN-2009 09:44:45	Dark	42.500	34	Gam2Vel	1.7930	23000.	85	35776	No
159	GOM_NL__2PRFIN20090102_094657_000000452075_00151_35776_0523.N1	02-JAN-2009 09:46:57	Dark	44.500	70	Zet Pup	2.2460	39000.	89	35776	No
160	GOM_NL__2PRFIN20090102_094858_000000492075_00151_35776_0524.N1	02-JAN-2009 09:48:58	Dark	48.500	117	Pi Pup	2.7060	3800.0	97	35776	No

161	GOM_NL__2PRFIN20090102_095316_000000442075_00151_35776_0525.N1	02-JAN-2009 09:53:16	Straylight	44.000	179	24Omi2CMa	3.0320	24000.	88	35776	No
162	GOM_NL__2PRFIN20090102_095542_000000542075_00151_35776_0526.N1	02-JAN-2009 09:55:42	Straylight	54.000	1	9Alp CMa	-1.4400	11000.	108	35776	No
163	GOM_NL__2PRFIN20090102_095850_000000452075_00151_35776_0527.N1	02-JAN-2009 09:58:50	Straylight	45.000	7	19Bet Ori	0.10000	14000.	90	35776	No
164	GOM_NL__2PRFIN20090102_100041_000000422075_00151_35776_0528.N1	02-JAN-2009 10:00:41	Straylight	41.500	30	46Eps Ori	1.6940	30000.	83	35776	No
165	GOM_NL__2PRFIN20090102_100309_000000542075_00151_35776_0529.N1	02-JAN-2009 10:03:09	Twi_and_stray	54.000	14	58Alp Ori	0.87000	3000.0	108	35776	No
166	GOM_NL__2PRFIN20090102_100619_000000512075_00151_35776_0530.N1	02-JAN-2009 10:06:19	Bright	51.000	44	24Gam Gem	1.9280	11000.	102	35776	No
167	GOM_NL__2PRFIN20090102_100758_000000452075_00151_35776_0531.N1	02-JAN-2009 10:07:58	Bright	44.500	151	13Mu Gem	2.8900	3000.0	89	35776	No
168	GOM_NL__2PRFIN20090102_101030_000000402075_00151_35776_0532.N1	02-JAN-2009 10:10:30	Bright	39.500	114	3Iot Aur	2.6930	4600.0	79	35776	No
169	GOM_NL__2PRFIN20090102_101158_000000392075_00151_35776_0533.N1	02-JAN-2009 10:11:58	Bright	38.500	107	37The Aur	2.6490	11000.	77	35776	No
170	GOM_NL__2PRFIN20090102_101408_000000412075_00151_35776_0534.N1	02-JAN-2009 10:14:08	Bright	40.500	6	13Alp Aur	0.080000	3400.0	81	35776	No
171	GOM_NL__2PRFIN20090102_102621_000000372075_00151_35776_0535.N1	02-JAN-2009 10:26:21	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	35776	No
172	GOM_NL__2PRFIN20090102_103045_000000422075_00151_35776_0536.N1	02-JAN-2009 10:30:45	Bright	42.000	60	7Bet UMi	2.0810	3950.0	84	35776	No
173	GOM_NL__2PRFIN20090102_103439_000000382075_00151_35776_0537.N1	02-JAN-2009 10:34:39	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	35776	No
174	GOM_NL__2PRFIN20090102_104302_000000502075_00151_35776_0538.N1	02-JAN-2009 10:43:02	Bright	50.000	133	40Zet Her	2.8070	6000.0	100	35776	No
175	GOM_NL__2PRFIN20090102_104537_000000432075_00151_35776_0539.N1	02-JAN-2009 10:45:37	Bright	42.500	83		2.3780	11000.	85	35776	No
176	GOM_NL__2PRFIN20090102_105055_000000492075_00151_35776_0540.N1	02-JAN-2009 10:50:55	Bright	49.000	102	24Alp Ser	2.6000	4250.0	98	35776	No
177	GOM_NL__2PRFIN20090102_105312_000000352075_00151_35776_0541.N1	02-JAN-2009 10:53:12	Bright	34.500	120	1Del Oph	2.7340	3200.0	69	35776	No
178	GOM_NL__2PRFIN20090102_105602_000000542075_00151_35776_0542.N1	02-JAN-2009 10:56:02	Bright	53.500	104	27Bet Lib	2.6140	13100.	107	35776	No
179	GOM_NL__2PRFIN20090102_105845_000000462075_00151_35776_0543.N1	02-JAN-2009 10:58:45	Twi_and_stray	46.000	122	9Alp2Lib	2.7470	9700.0	92	35776	No
180	GOM_NL__2PRFIN20090102_110524_000000392075_00151_35776_0544.N1	02-JAN-2009 11:05:24	Dark	39.000	109	Bet Lup	2.6770	26000.	78	35776	No
181	GOM_NL__2PRFIN20090102_110652_000000432075_00151_35776_0545.N1	02-JAN-2009 11:06:52	Dark	43.000	78	Alp Lup	2.3040	28000.	86	35776	No
182	GOM_NL__2PRFIN20090102_110824_000000452075_00151_35776_0546.N1	02-JAN-2009 11:08:24	Dark	45.000	95	Zet Cen	2.5450	26000.	90	35776	No
183	GOM_NL__2PRFIN20090102_111042_000000432075_00152_35777_0528.N1	02-JAN-2009 11:10:42	Dark	43.000	10	Bet Cen	0.61000	28000.	86	35777	No
184	GOM_NL__2PRFIN20090102_111716_000000392075_00152_35777_0529.N1	02-JAN-2009 11:17:16	Dark	38.500	124	The Car	2.7640	30000.	77	35777	No
185	GOM_NL__2PRFIN20090102_111908_000000472075_00152_35777_0530.N1	02-JAN-2009 11:19:08	Dark	47.000	29	Bet Car	1.6720	10200.	94	35777	No
186	GOM_NL__2PRFIN20090102_112036_000000492075_00152_35777_0531.N1	02-JAN-2009 11:20:36	Dark	49.000	71	Iot Car	2.2460	7700.0	98	35777	No
187	GOM_NL__2PRFIN20090102_112209_000000532075_00152_35777_0532.N1	02-JAN-2009 11:22:09	Dark	52.500	41	Eps Car	1.8600	4100.0	105	35777	No
188	GOM_NL__2PRFIN20090102_112416_000000422075_00152_35777_0533.N1	02-JAN-2009 11:24:16	Dark	42.000	65	Lam Vel	2.2040	4400.0	84	35777	No
189	GOM_NL__2PRFIN20090102_112522_000000422075_00152_35777_0534.N1	02-JAN-2009 11:25:22	Dark	42.000	34	Gam2Vel	1.7930	23000.	84	35777	No
190	GOM_NL__2PRFIN20090102_112733_000000462075_00152_35777_0535.N1	02-JAN-2009 11:27:33	Dark	46.000	70	Zet Pup	2.2460	39000.	92	35777	No
191	GOM_NL__2PRFIN20090102_112934_000000492075_00152_35777_0536.N1	02-JAN-2009 11:29:34	Dark	49.000	117	Pi Pup	2.7060	3800.0	98	35777	No
192	GOM_NL__2PRFIN20090102_113221_000000452075_00152_35777_0537.N1	02-JAN-2009 11:32:21	Straylight	44.500	23	21Eps CMa	1.5020	26000.	89	35777	No
193	GOM_NL__2PRFIN20090102_113352_000000422075_00152_35777_0538.N1	02-JAN-2009 11:33:52	Straylight	42.000	179	24Omi2CMa	3.0320	24000.	84	35777	No
194	GOM_NL__2PRFIN20090102_113618_000000502075_00152_35777_0539.N1	02-JAN-2009 11:36:18	Straylight	50.000	1	9Alp CMa	-1.4400	11000.	100	35777	No
195	GOM_NL__2PRFIN20090102_113927_000000422075_00152_35777_0540.N1	02-JAN-2009 11:39:27	Straylight	42.000	7	19Bet Ori	0.10000	14000.	84	35777	No
196	GOM_NL__2PRFIN20090102_114116_000000422075_00152_35777_0541.N1	02-JAN-2009 11:41:16	Straylight	42.000	30	46Eps Ori	1.6940	30000.	84	35777	No
197	GOM_NL__2PRFIN20090102_114345_000000502075_00152_35777_0542.N1	02-JAN-2009 11:43:45	Twi_and_stray	49.500	14	58Alp Ori	0.87000	3000.0	99	35777	No
198	GOM_NL__2PRFIN20090102_114655_000000492075_00152_35777_0543.N1	02-JAN-2009 11:46:55	Bright	48.500	44	24Gam Gem	1.9280	11000.	97	35777	No
199	GOM_NL__2PRFIN20090102_114834_000000482075_00152_35777_0544.N1	02-JAN-2009 11:48:34	Bright	48.000	151	13Mu Gem	2.8900	3000.0	96	35777	No
200	GOM_NL__2PRFIN20090102_115106_000000372075_00152_35777_0545.N1	02-JAN-2009 11:51:06	Bright	36.500	114	3Iot Aur	2.6930	4600.0	73	35777	No
201	GOM_NL__2PRFIN20090102_115234_000000382075_00152_35777_0546.N1	02-JAN-2009 11:52:34	Bright	37.500	107	37The Aur	2.6490	11000.	75	35777	No
202	GOM_NL__2PRFIN20090102_115444_000000532075_00152_35777_0547.N1	02-JAN-2009 11:54:44	Bright	53.000	6	13Alp Aur	0.080000	3400.0	106	35777	No
203	GOM_NL__2PRFIN20090102_120656_000000372075_00152_35777_0548.N1	02-JAN-2009 12:06:56	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	35777	No
204	GOM_NL__2PRFIN20090102_121121_000000402075_00152_35777_0549.N1	02-JAN-2009 12:11:21	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	35777	No
205	GOM_NL__2PRFIN20090102_121515_000000482075_00152_35777_0550.N1	02-JAN-2009 12:15:15	Bright	48.000	119	14Eta Dra	2.7270	4700.0	96	35777	No
206	GOM_NL__2PRFIN20090102_122339_000000472075_00152_35777_0551.N1	02-JAN-2009 12:23:39	Bright	47.000	133	40Zet Her	2.8070	6000.0	94	35777	No
207	GOM_NL__2PRFIN20090102_122612_000000442075_00152_35777_0552.N1	02-JAN-2009 12:26:12	Bright	43.500	83		2.3780	11000.	87	35777	No
208	GOM_NL__2PRFIN20090102_123131_000000542075_00152_35777_0553.N1	02-JAN-2009 12:31:31	Bright	54.000	102	24Alp Ser	2.6000	4250.0	108	35777	No
209	GOM_NL__2PRFIN20090102_123349_000000522075_00152_35777_0554.N1	02-JAN-2009 12:33:49	Bright	52.000	120	1Del Oph	2.7340	3200.0	104	35777	No
210	GOM_NL__2PRFIN20090102_123638_000000382075_00152_35777_0555.N1	02-JAN-2009 12:36:38	Bright	37.500	104	27Bet Lib	2.6140	13100.	75	35777	No
211	GOM_NL__2PRFIN20090102_123922_000000452075_00152_35777_0556.N1	02-JAN-2009 12:39:22	Twi_and_stray	45.000	122	9Alp2Lib	2.7470	9700.0	90	35777	No
212	GOM_NL__2PRFIN20090102_124600_000000412075_00152_35777_0557.N1	02-JAN-2009 12:46:00	Dark	40.500	109	Bet Lup	2.6770	26000.	81	35777	No
213	GOM_NL__2PRFIN20090102_124729_000000412075_00152_35777_0558.N1	02-JAN-2009 12:47:29	Dark	40.500	78	Alp Lup	2.3040	28000.	81	35777	No
214	GOM_NL__2PRFIN20090102_124902_000000392075_00152_35777_0559.N1	02-JAN-2009 12:49:02	Dark	39.000	95	Zet Cen	2.5450	26000.	78	35777	No
215	GOM_NL__2PRFIN20090102_125119_000000402075_00153_35778_0536.N1	02-JAN-2009 12:51:19	Dark	39.500	10	Bet Cen	0.61000	28000.	79	35778	No
216	GOM_NL__2PRFIN20090102_125752_000000392075_00153_35778_0537.N1	02-JAN-2009 12:57:52	Dark	38.500	124	The Car	2.7640	30000.	77	35778	No
217	GOM_NL__2PRFIN20090102_125945_000000392075_00153_35778_0538.N1	02-JAN-2009 12:59:45	Dark	38.500	29	Bet Car	1.6720	10200.	77	35778	No
218	GOM_NL__2PRFIN20090102_130113_000000452075_00153_35778_0539.N1	02-JAN-2009 13:01:13	Dark	44.500	71	Iot Car	2.2460	7700.0	89	35778	No
219	GOM_NL__2PRFIN20090102_130246_000000522075_00153_35778_0540.N1	02-JAN-2009 13:02:46	Dark	52.000	41	Eps Car	1.8600	4100.0	104	35778	No

220	GOM_NL__2PRFIN20090102_130558_000000482075_00153_35778_0541.N1	02-JAN-2009 13:05:58	Dark	47.500	34	Gam2Vel	1.7930	23000.	95	35778	No
221	GOM_NL__2PRFIN20090102_130810_000000472075_00153_35778_0542.N1	02-JAN-2009 13:08:10	Dark	46.500	70	Zet Pup	2.2460	39000.	93	35778	No
222	GOM_NL__2PRFIN20090102_131011_000000482075_00153_35778_0543.N1	02-JAN-2009 13:10:11	Dark	48.000	117	Pi Pup	2.7060	3800.0	96	35778	No
223	GOM_NL__2PRFIN20090102_131257_000000472075_00153_35778_0544.N1	02-JAN-2009 13:12:57	Straylight	46.500	23	21Eps CMa	1.5020	26000.	93	35778	No
224	GOM_NL__2PRFIN20090102_131428_000000452075_00153_35778_0545.N1	02-JAN-2009 13:14:28	Straylight	44.500	179	24Omi2CMa	3.0320	24000.	89	35778	No
225	GOM_NL__2PRFIN20090102_131653_000000492075_00153_35778_0546.N1	02-JAN-2009 13:16:53	Straylight	49.000	1	9Alp CMa	-1.4400	11000.	98	35778	No
226	GOM_NL__2PRFIN20090102_132002_000000462075_00153_35778_0547.N1	02-JAN-2009 13:20:02	Straylight	46.000	7	19Bet Ori	0.10000	14000.	92	35778	No
227	GOM_NL__2PRFIN20090102_132152_000000412075_00153_35778_0548.N1	02-JAN-2009 13:21:52	Straylight	41.000	30	46Eps Ori	1.6940	30000.	82	35778	No
228	GOM_NL__2PRFIN20090102_132421_000000472075_00153_35778_0549.N1	02-JAN-2009 13:24:21	Twi_and_stray	47.000	14	58Alp Ori	0.87000	3000.0	94	35778	No
229	GOM_NL__2PRFIN20090102_132730_000000462075_00153_35778_0550.N1	02-JAN-2009 13:27:30	Twi_and_stray	45.500	44	24Gam Gem	1.9280	11000.	91	35778	No
230	GOM_NL__2PRFIN20090102_132909_000000432075_00153_35778_0551.N1	02-JAN-2009 13:29:09	Bright	43.000	151	13Mu Gem	2.8900	3000.0	86	35778	No
231	GOM_NL__2PRFIN20090102_133142_000000392075_00153_35778_0552.N1	02-JAN-2009 13:31:42	Bright	39.000	114	3Iot Aur	2.6930	4600.0	78	35778	No
232	GOM_NL__2PRFIN20090102_133310_000000392075_00153_35778_0553.N1	02-JAN-2009 13:33:10	Bright	38.500	107	37The Aur	2.6490	11000.	77	35778	No
233	GOM_NL__2PRFIN20090102_133519_000000422075_00153_35778_0554.N1	02-JAN-2009 13:35:19	Bright	42.000	6	13Alp Aur	0.080000	3400.0	84	35778	No
234	GOM_NL__2PRFIN20090102_134732_000000522075_00153_35778_0555.N1	02-JAN-2009 13:47:32	Bright	52.000	49	1Alp UMi	1.9900	6300.0	104	35778	No
235	GOM_NL__2PRFIN20090102_135157_000000412075_00153_35778_0556.N1	02-JAN-2009 13:51:57	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	35778	No
236	GOM_NL__2PRFIN20090102_135552_000000382075_00153_35778_0557.N1	02-JAN-2009 13:55:52	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	35778	No
237	GOM_NL__2PRFIN20090102_140414_000000522075_00153_35778_0558.N1	02-JAN-2009 14:04:14	Bright	52.000	133	40Zet Her	2.8070	6000.0	104	35778	No
238	GOM_NL__2PRFIN20090102_140648_000000492075_00153_35778_0559.N1	02-JAN-2009 14:06:48	Bright	49.000	83		2.3780	11000.	98	35778	No
239	GOM_NL__2PRFIN20090102_141207_000000412075_00153_35778_0560.N1	02-JAN-2009 14:12:07	Bright	41.000	102	24Alp Ser	2.6000	4250.0	82	35778	No
240	GOM_NL__2PRFIN20090102_141425_000000352075_00153_35778_0561.N1	02-JAN-2009 14:14:25	Bright	35.000	120	1Del Oph	2.7340	3200.0	70	35778	No
241	GOM_NL__2PRFIN20090102_141715_000000392075_00153_35778_0562.N1	02-JAN-2009 14:17:15	Bright	39.000	104	27Bet Lib	2.6140	13100.	78	35778	No
242	GOM_NL__2PRFIN20090102_141958_000000462075_00153_35778_0563.N1	02-JAN-2009 14:19:58	Twi_and_stray	45.500	122	9Alp2Lib	2.7470	9700.0	91	35778	No
243	GOM_NL__2PRFIN20090102_142636_000000382075_00153_35778_0564.N1	02-JAN-2009 14:26:36	Dark	38.000	109	Bet Lup	2.6770	26000.	76	35778	No
244	GOM_NL__2PRFIN20090102_142804_000000412075_00153_35778_0565.N1	02-JAN-2009 14:28:04	Dark	41.000	78	Alp Lup	2.3040	28000.	82	35778	No
245	GOM_NL__2PRFIN20090102_142937_000000402075_00153_35778_0566.N1	02-JAN-2009 14:29:37	Dark	40.000	95	Zet Cen	2.5450	26000.	80	35778	No
246	GOM_NL__2PRFIN20090102_143155_000000452075_00154_35779_0570.N1	02-JAN-2009 14:31:55	Dark	44.500	10	Bet Cen	0.61000	28000.	89	35779	No
247	GOM_NL__2PRFIN20090102_161350_000000422075_00155_35780_0586.N1	02-JAN-2009 16:13:50	Dark	42.000	64	Gam Cen	2.2000	10600.	84	35780	No
248	GOM_NL__2PRFIN20090102_161906_000000392075_00155_35780_0587.N1	02-JAN-2009 16:19:06	Dark	39.000	124	The Car	2.7640	30000.	78	35780	No
249	GOM_NL__2PRFIN20090102_162057_000000392075_00155_35780_0588.N1	02-JAN-2009 16:20:57	Dark	39.000	29	Bet Car	1.6720	10200.	78	35780	No
250	GOM_NL__2PRFIN20090102_162227_000000402075_00155_35780_0589.N1	02-JAN-2009 16:22:27	Dark	39.500	71	Iot Car	2.2460	7700.0	79	35780	No
251	GOM_NL__2PRFIN20090102_162400_000000532075_00155_35780_0590.N1	02-JAN-2009 16:24:00	Dark	52.500	41	Eps Car	1.8600	4100.0	105	35780	No
252	GOM_NL__2PRFIN20090102_162806_000000462075_00155_35780_0591.N1	02-JAN-2009 16:28:06	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	35780	No
253	GOM_NL__2PRFIN20090102_163124_000000452075_00155_35780_0592.N1	02-JAN-2009 16:31:24	Dark	45.000	117	Pi Pup	2.7060	3800.0	90	35780	No
254	GOM_NL__2PRFIN20090102_163410_000000442075_00155_35780_0593.N1	02-JAN-2009 16:34:10	Straylight	44.000	23	21Eps CMa	1.5020	26000.	88	35780	No
255	GOM_NL__2PRFIN20090102_163541_000000452075_00155_35780_0594.N1	02-JAN-2009 16:35:41	Straylight	44.500	179	24Omi2CMa	3.0320	24000.	89	35780	No
256	GOM_NL__2PRFIN20090102_163806_000000502075_00155_35780_0595.N1	02-JAN-2009 16:38:06	Straylight	49.500	1	9Alp CMa	-1.4400	11000.	99	35780	No
257	GOM_NL__2PRFIN20090102_164114_000000452075_00155_35780_0596.N1	02-JAN-2009 16:41:14	Straylight	44.500	7	19Bet Ori	0.10000	14000.	89	35780	No
258	GOM_NL__2PRFIN20090102_164304_000000442075_00155_35780_0597.N1	02-JAN-2009 16:43:04	Straylight	43.500	30	46Eps Ori	1.6940	30000.	87	35780	No
259	GOM_NL__2PRFIN20090102_164532_000000482075_00155_35780_0598.N1	02-JAN-2009 16:45:32	Twi_and_stray	48.000	14	58Alp Ori	0.87000	3000.0	96	35780	No
260	GOM_NL__2PRFIN20090102_164930_000000392075_00155_35780_0599.N1	02-JAN-2009 16:49:30	Bright	39.000	176	23Zet Tau	3.0200	22000.	78	35780	No
261	GOM_NL__2PRFIN20090102_165136_000000392075_00155_35780_0600.N1	02-JAN-2009 16:51:36	Bright	39.000	28	12Bet Tau	1.6500	15200.	78	35780	No
262	GOM_NL__2PRFIN20090102_165254_000000392075_00155_35780_0601.N1	02-JAN-2009 16:52:54	Bright	39.000	114	3Iot Aur	2.6930	4600.0	78	35780	No
263	GOM_NL__2PRFIN20090102_165421_000000382075_00155_35780_0602.N1	02-JAN-2009 16:54:21	Bright	38.000	107	37The Aur	2.6490	11000.	76	35780	No
264	GOM_NL__2PRFIN20090102_165631_000000412075_00155_35780_0603.N1	02-JAN-2009 16:56:31	Bright	40.500	6	13Alp Aur	0.080000	3400.0	81	35780	No
265	GOM_NL__2PRFIN20090102_170844_000000382075_00155_35780_0604.N1	02-JAN-2009 17:08:44	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	35780	No
266	GOM_NL__2PRFIN20090102_171309_000000402075_00155_35780_0605.N1	02-JAN-2009 17:13:09	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	35780	No
267	GOM_NL__2PRFIN20090102_171704_000000402075_00155_35780_0606.N1	02-JAN-2009 17:17:04	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	35780	No
268	GOM_NL__2PRFIN20090102_172527_000000492075_00155_35780_0607.N1	02-JAN-2009 17:25:27	Bright	49.000	133	40Zet Her	2.8070	6000.0	98	35780	No
269	GOM_NL__2PRFIN20090102_172732_000000372075_00155_35780_0608.N1	02-JAN-2009 17:27:32	Bright	36.500	67	5Alp CrB	2.2210	11000.	73	35780	No
270	GOM_NL__2PRFIN20090102_173320_000000372075_00155_35780_0609.N1	02-JAN-2009 17:33:20	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	35780	No
271	GOM_NL__2PRFIN20090102_173537_000000362075_00155_35780_0610.N1	02-JAN-2009 17:35:37	Bright	35.500	120	1Del Oph	2.7340	3200.0	71	35780	No
272	GOM_NL__2PRFIN20090102_173828_000000572075_00155_35780_0611.N1	02-JAN-2009 17:38:28	Bright	57.000	104	27Bet Lib	2.6140	13100.	114	35780	No
273	GOM_NL__2PRFIN20090102_174111_000000462075_00155_35780_0612.N1	02-JAN-2009 17:41:11	Twi_and_stray	45.500	122	9Alp2Lib	2.7470	9700.0	91	35780	No
274	GOM_NL__2PRFIN20090102_174627_000000382075_00155_35780_0613.N1	02-JAN-2009 17:46:27	Dark	37.500	131	Gam Lup	2.8000	26000.	75	35780	No
275	GOM_NL__2PRFIN20090102_174750_000000382075_00155_35780_0614.N1	02-JAN-2009 17:47:50	Dark	38.000	109	Bet Lup	2.6770	26000.	76	35780	No
276	GOM_NL__2PRFIN20090102_174918_000000392075_00155_35780_0615.N1	02-JAN-2009 17:49:18	Dark	39.000	78	Alp Lup	2.3040	28000.	78	35780	No
277	GOM_NL__2PRFIN20090102_175051_000000392075_00155_35780_0616.N1	02-JAN-2009 17:50:51	Dark	39.000	95	Zet Cen	2.5450	26000.	78	35780	No
278	GOM_NL__2PRFIN20090102_175225_000000512075_00156_35781_0610.N1	02-JAN-2009 17:52:25	Dark	50.500	4	Alp1Cen	-0.010000	5800.0	101	35781	No

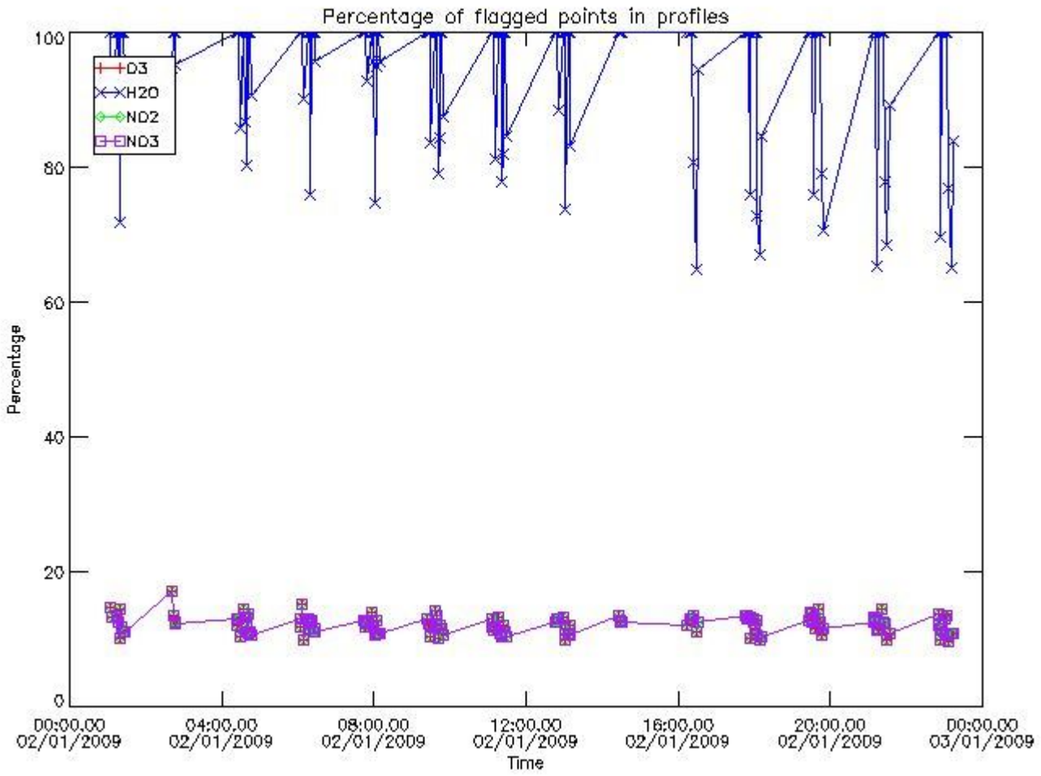
279	GOM_NL__2PRFIN20090102_175427_000000432075_00156_35781_0611.N1	02-JAN-2009 17:54:27	Dark	42.500	64	Gam Cen	2.2000	10600.	85	35781	No
280	GOM_NL__2PRFIN20090102_175943_000000392075_00156_35781_0612.N1	02-JAN-2009 17:59:43	Dark	39.000	124	The Car	2.7640	30000.	78	35781	No
281	GOM_NL__2PRFIN20090102_180135_000000452075_00156_35781_0613.N1	02-JAN-2009 18:01:35	Dark	44.500	29	Bet Car	1.6720	10200.	89	35781	No
282	GOM_NL__2PRFIN20090102_180303_000000402075_00156_35781_0614.N1	02-JAN-2009 18:03:03	Dark	40.000	71	Iot Car	2.2460	7700.0	80	35781	No
283	GOM_NL__2PRFIN20090102_180435_000000482075_00156_35781_0615.N1	02-JAN-2009 18:04:35	Dark	48.000	41	Eps Car	1.8600	4100.0	96	35781	No
284	GOM_NL__2PRFIN20090102_180843_000000522075_00156_35781_0616.N1	02-JAN-2009 18:08:43	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	35781	No
285	GOM_NL__2PRFIN20090102_181200_000000492075_00156_35781_0617.N1	02-JAN-2009 18:12:00	Dark	49.000	117	Pi Pup	2.7060	3800.0	98	35781	No
286	GOM_NL__2PRFIN20090102_181445_000000462075_00156_35781_0618.N1	02-JAN-2009 18:14:45	Straylight	45.500	23	21Eps CMa	1.5020	26000.	91	35781	No
287	GOM_NL__2PRFIN20090102_181617_000000452075_00156_35781_0619.N1	02-JAN-2009 18:16:17	Straylight	44.500	179	24Omi2CMa	3.0320	24000.	89	35781	No
288	GOM_NL__2PRFIN20090102_181842_000000522075_00156_35781_0620.N1	02-JAN-2009 18:18:42	Straylight	52.000	1	9Alp CMa	-1.4400	11000.	104	35781	No
289	GOM_NL__2PRFIN20090102_182150_000000482075_00156_35781_0621.N1	02-JAN-2009 18:21:50	Straylight	47.500	7	19Bet Ori	0.10000	14000.	95	35781	No
290	GOM_NL__2PRFIN20090102_182340_000000422075_00156_35781_0622.N1	02-JAN-2009 18:23:40	Straylight	42.000	30	46Eps Ori	1.6940	30000.	84	35781	No
291	GOM_NL__2PRFIN20090102_182608_000000482075_00156_35781_0623.N1	02-JAN-2009 18:26:08	Twi_and_stray	48.000	14	58Alp Ori	0.87000	3000.0	96	35781	No
292	GOM_NL__2PRFIN20090102_183005_000000382075_00156_35781_0624.N1	02-JAN-2009 18:30:05	Bright	38.000	176	23Zet Tau	3.0200	22000.	76	35781	No
293	GOM_NL__2PRFIN20090102_183212_000000402075_00156_35781_0625.N1	02-JAN-2009 18:32:12	Bright	39.500	28	12Bet Tau	1.6500	15200.	79	35781	No
294	GOM_NL__2PRFIN20090102_183330_000000382075_00156_35781_0626.N1	02-JAN-2009 18:33:30	Bright	38.000	114	3Iot Aur	2.6930	4600.0	76	35781	No
295	GOM_NL__2PRFIN20090102_183458_000000382075_00156_35781_0627.N1	02-JAN-2009 18:34:58	Bright	37.500	107	37The Aur	2.6490	11000.	75	35781	No
296	GOM_NL__2PRFIN20090102_183707_000000432075_00156_35781_0628.N1	02-JAN-2009 18:37:07	Bright	43.000	6	13Alp Aur	0.080000	3400.0	86	35781	No
297	GOM_NL__2PRFIN20090102_184920_000000372075_00156_35781_0629.N1	02-JAN-2009 18:49:20	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	35781	No
298	GOM_NL__2PRFIN20090102_185344_000000412075_00156_35781_0630.N1	02-JAN-2009 18:53:44	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	35781	No
299	GOM_NL__2PRFIN20090102_185740_000000372075_00156_35781_0631.N1	02-JAN-2009 18:57:40	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	35781	No
300	GOM_NL__2PRFIN20090102_190603_000000452075_00156_35781_0632.N1	02-JAN-2009 19:06:03	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	35781	No
301	GOM_NL__2PRFIN20090102_190808_000000392075_00156_35781_0633.N1	02-JAN-2009 19:08:08	Bright	38.500	67	5Alp CrB	2.2210	11000.	77	35781	No
302	GOM_NL__2PRFIN20090102_191356_000000362075_00156_35781_0634.N1	02-JAN-2009 19:13:56	Bright	36.000	102	24Alp Ser	2.6000	4250.0	72	35781	No
303	GOM_NL__2PRFIN20090102_191614_000000522075_00156_35781_0635.N1	02-JAN-2009 19:16:14	Bright	52.000	120	1Del Oph	2.7340	3200.0	104	35781	No
304	GOM_NL__2PRFIN20090102_191904_000000572075_00156_35781_0636.N1	02-JAN-2009 19:19:04	Bright	57.000	104	27Bet Lib	2.6140	13100.	114	35781	No
305	GOM_NL__2PRFIN20090102_192148_000000452075_00156_35781_0637.N1	02-JAN-2009 19:21:48	Twi_and_stray	44.500	122	9Alp2Lib	2.7470	9700.0	89	35781	No
306	GOM_NL__2PRFIN20090102_192703_000000402075_00156_35781_0638.N1	02-JAN-2009 19:27:03	Dark	40.000	131	Gam Lup	2.8000	26000.	80	35781	No
307	GOM_NL__2PRFIN20090102_192825_000000372075_00156_35781_0639.N1	02-JAN-2009 19:28:25	Dark	36.500	109	Bet Lup	2.6770	26000.	73	35781	No
308	GOM_NL__2PRFIN20090102_192954_000000372075_00156_35781_0640.N1	02-JAN-2009 19:29:54	Dark	37.000	78	Alp Lup	2.3040	28000.	74	35781	No
309	GOM_NL__2PRFIN20090102_193127_000000412075_00156_35781_0641.N1	02-JAN-2009 19:31:27	Dark	40.500	95	Zet Cen	2.5450	26000.	81	35781	No
310	GOM_NL__2PRFIN20090102_193301_000000402075_00157_35782_0618.N1	02-JAN-2009 19:33:01	Dark	40.000	4	Alp1Cen	-0.010000	5800.0	80	35782	No
311	GOM_NL__2PRFIN20090102_193503_000000452075_00157_35782_0619.N1	02-JAN-2009 19:35:03	Dark	44.500	64	Gam Cen	2.2000	10600.	89	35782	No
312	GOM_NL__2PRFIN20090102_194018_000000392075_00157_35782_0620.N1	02-JAN-2009 19:40:18	Dark	39.000	124	The Car	2.7640	30000.	78	35782	No
313	GOM_NL__2PRFIN20090102_194211_000000392075_00157_35782_0621.N1	02-JAN-2009 19:42:11	Dark	39.000	29	Bet Car	1.6720	10200.	78	35782	No
314	GOM_NL__2PRFIN20090102_194339_000000412075_00157_35782_0622.N1	02-JAN-2009 19:43:39	Dark	40.500	71	Iot Car	2.2460	7700.0	81	35782	No
315	GOM_NL__2PRFIN20090102_194511_000000482075_00157_35782_0623.N1	02-JAN-2009 19:45:11	Dark	48.000	41	Eps Car	1.8600	4100.0	96	35782	No
316	GOM_NL__2PRFIN20090102_194919_000000442075_00157_35782_0624.N1	02-JAN-2009 19:49:19	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	35782	No
317	GOM_NL__2PRFIN20090102_205432_000000552075_00157_35782_0625.N1	02-JAN-2009 20:54:32	Dark	55.000	102	24Alp Ser	2.6000	4250.0	110	35782	Yes
318	GOM_NL__2PRFIN20090102_205650_000000522075_00157_35782_0626.N1	02-JAN-2009 20:56:50	Bright	52.000	120	1Del Oph	2.7340	3200.0	104	35782	No
319	GOM_NL__2PRFIN20090102_205941_000000572075_00157_35782_0627.N1	02-JAN-2009 20:59:41	Bright	57.000	104	27Bet Lib	2.6140	13100.	114	35782	No
320	GOM_NL__2PRFIN20090102_210225_000000472075_00157_35782_0628.N1	02-JAN-2009 21:02:25	Twi_and_stray	46.500	122	9Alp2Lib	2.7470	9700.0	93	35782	No
321	GOM_NL__2PRFIN20090102_210739_000000412075_00157_35782_0629.N1	02-JAN-2009 21:07:39	Dark	40.500	131	Gam Lup	2.8000	26000.	81	35782	No
322	GOM_NL__2PRFIN20090102_210902_000000392075_00157_35782_0630.N1	02-JAN-2009 21:09:02	Dark	38.500	109	Bet Lup	2.6770	26000.	77	35782	No
323	GOM_NL__2PRFIN20090102_211030_000000402075_00157_35782_0631.N1	02-JAN-2009 21:10:30	Dark	40.000	78	Alp Lup	2.3040	28000.	80	35782	No
324	GOM_NL__2PRFIN20090102_211204_000000392075_00157_35782_0632.N1	02-JAN-2009 21:12:04	Dark	39.000	95	Zet Cen	2.5450	26000.	78	35782	No
325	GOM_NL__2PRFIN20090102_211338_000000502075_00158_35783_0628.N1	02-JAN-2009 21:13:38	Dark	49.500	4	Alp1Cen	-0.010000	5800.0	99	35783	No
326	GOM_NL__2PRFIN20090102_211540_000000442075_00158_35783_0629.N1	02-JAN-2009 21:15:40	Dark	44.000	64	Gam Cen	2.2000	10600.	88	35783	No
327	GOM_NL__2PRFIN20090102_212055_000000392075_00158_35783_0630.N1	02-JAN-2009 21:20:55	Dark	38.500	124	The Car	2.7640	30000.	77	35783	No
328	GOM_NL__2PRFIN20090102_212247_000000422075_00158_35783_0631.N1	02-JAN-2009 21:22:47	Dark	41.500	29	Bet Car	1.6720	10200.	83	35783	No
329	GOM_NL__2PRFIN20090102_212415_000000412075_00158_35783_0632.N1	02-JAN-2009 21:24:15	Dark	41.000	71	Iot Car	2.2460	7700.0	82	35783	No
330	GOM_NL__2PRFIN20090102_212547_000000462075_00158_35783_0633.N1	02-JAN-2009 21:25:47	Dark	45.500	41	Eps Car	1.8600	4100.0	91	35783	No
331	GOM_NL__2PRFIN20090102_212955_000000512075_00158_35783_0634.N1	02-JAN-2009 21:29:55	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	35783	No
332	GOM_NL__2PRFIN20090102_213313_000000472075_00158_35783_0635.N1	02-JAN-2009 21:33:13	Dark	47.000	117	Pi Pup	2.7060	3800.0	94	35783	No
333	GOM_NL__2PRFIN20090102_213558_000000462075_00158_35783_0636.N1	02-JAN-2009 21:35:58	Straylight	46.000	23	21Eps CMa	1.5020	26000.	92	35783	No
334	GOM_NL__2PRFIN20090102_213729_000000442075_00158_35783_0637.N1	02-JAN-2009 21:37:29	Straylight	44.000	179	24Omi2CMa	3.0320	24000.	88	35783	No
335	GOM_NL__2PRFIN20090102_213954_000000502075_00158_35783_0638.N1	02-JAN-2009 21:39:54	Straylight	50.000	1	9Alp CMa	-1.4400	11000.	100	35783	No
336	GOM_NL__2PRFIN20090102_214302_000000452075_00158_35783_0639.N1	02-JAN-2009 21:43:02	Straylight	44.500	7	19Bet Ori	0.10000	14000.	89	35783	No
337	GOM_NL__2PRFIN20090102_214452_000000412075_00158_35783_0640.N1	02-JAN-2009 21:44:52	Straylight	41.000	30	46Eps Ori	1.6940	30000.	82	35783	No

338	GOM_NL__2PRFIN20090102_214720_000000542075_00158_35783_0641.N1	02-JAN-2009 21:47:20	Twi_and_stray	54.000	14	58Alp Ori	0.87000	3000.0	108	35783	No
339	GOM_NL__2PRFIN20090102_215117_000000402075_00158_35783_0642.N1	02-JAN-2009 21:51:17	Bright	39.500	176	23Zet Tau	3.0200	22000.	79	35783	No
340	GOM_NL__2PRFIN20090102_215324_000000392075_00158_35783_0643.N1	02-JAN-2009 21:53:24	Bright	39.000	28	12Bet Tau	1.6500	15200.	78	35783	No
341	GOM_NL__2PRFIN20090102_215442_000000372075_00158_35783_0644.N1	02-JAN-2009 21:54:42	Bright	36.500	114	3Iot Aur	2.6930	4600.0	73	35783	No
342	GOM_NL__2PRFIN20090102_215609_000000392075_00158_35783_0645.N1	02-JAN-2009 21:56:09	Bright	38.500	107	37The Aur	2.6490	11000.	77	35783	No
343	GOM_NL__2PRFIN20090102_215819_000000432075_00158_35783_0646.N1	02-JAN-2009 21:58:19	Bright	43.000	6	13Alp Aur	0.080000	3400.0	86	35783	No
344	GOM_NL__2PRFIN20090102_221032_000000462075_00158_35783_0647.N1	02-JAN-2009 22:10:32	Bright	45.500	49	1Alp UMi	1.9900	6300.0	91	35783	No
345	GOM_NL__2PRFIN20090102_221456_000000362075_00158_35783_0648.N1	02-JAN-2009 22:14:56	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	35783	No
346	GOM_NL__2PRFIN20090102_221851_000000342075_00158_35783_0649.N1	02-JAN-2009 22:18:51	Bright	34.000	119	14Eta Dra	2.7270	4700.0	68	35783	No
347	GOM_NL__2PRFIN20090102_222715_000000522075_00158_35783_0650.N1	02-JAN-2009 22:27:15	Bright	52.000	133	40Zet Her	2.8070	6000.0	104	35783	No
348	GOM_NL__2PRFIN20090102_222920_000000382075_00158_35783_0651.N1	02-JAN-2009 22:29:20	Bright	37.500	67	5Alp CrB	2.2210	11000.	75	35783	No
349	GOM_NL__2PRFIN20090102_223508_000000552075_00158_35783_0652.N1	02-JAN-2009 22:35:08	Bright	55.000	102	24Alp Ser	2.6000	4250.0	110	35783	No
350	GOM_NL__2PRFIN20090102_223726_000000352075_00158_35783_0653.N1	02-JAN-2009 22:37:26	Bright	35.000	120	1Del Oph	2.7340	3200.0	70	35783	No
351	GOM_NL__2PRFIN20090102_224018_000000372075_00158_35783_0654.N1	02-JAN-2009 22:40:18	Bright	37.000	104	27Bet Lib	2.6140	13100.	74	35783	No
352	GOM_NL__2PRFIN20090102_224301_000000432075_00158_35783_0655.N1	02-JAN-2009 22:43:01	Twi_and_stray	42.500	122	9Alp2Lib	2.7470	9700.0	85	35783	No
353	GOM_NL__2PRFIN20090102_224938_000000412075_00158_35783_0656.N1	02-JAN-2009 22:49:38	Dark	41.000	109	Bet Lup	2.6770	26000.	82	35783	No
354	GOM_NL__2PRFIN20090102_225106_000000432075_00158_35783_0657.N1	02-JAN-2009 22:51:06	Dark	42.500	78	Alp Lup	2.3040	28000.	85	35783	No
355	GOM_NL__2PRFIN20090102_225241_000000442075_00158_35783_0658.N1	02-JAN-2009 22:52:41	Dark	44.000	95	Zet Cen	2.5450	26000.	88	35783	No
356	GOM_NL__2PRFIN20090102_225413_000000522075_00159_35784_0656.N1	02-JAN-2009 22:54:13	Dark	51.500	4	Alp1Cen	-0.010000	5800.0	103	35784	No
357	GOM_NL__2PRFIN20090102_225617_000000442075_00159_35784_0657.N1	02-JAN-2009 22:56:17	Dark	44.000	64	Gam Cen	2.2000	10600.	88	35784	No
358	GOM_NL__2PRFIN20090102_230131_000000402075_00159_35784_0658.N1	02-JAN-2009 23:01:31	Dark	39.500	124	The Car	2.7640	30000.	79	35784	No
359	GOM_NL__2PRFIN20090102_230323_000000482075_00159_35784_0659.N1	02-JAN-2009 23:03:23	Dark	48.000	29	Bet Car	1.6720	10200.	96	35784	No
360	GOM_NL__2PRFIN20090102_230451_000000422075_00159_35784_0660.N1	02-JAN-2009 23:04:51	Dark	41.500	71	Iot Car	2.2460	7700.0	83	35784	No
361	GOM_NL__2PRFIN20090102_230623_000000532075_00159_35784_0661.N1	02-JAN-2009 23:06:23	Dark	52.500	41	Eps Car	1.8600	4100.0	105	35784	No
362	GOM_NL__2PRFIN20090102_231031_000000522075_00159_35784_0662.N1	02-JAN-2009 23:10:31	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	35784	No
363	GOM_NL__2PRFIN20090102_231348_000000472075_00159_35784_0663.N1	02-JAN-2009 23:13:48	Dark	47.000	117	Pi Pup	2.7060	3800.0	94	35784	No
364	GOM_NL__2PRFIN20090102_231634_000000452075_00159_35784_0664.N1	02-JAN-2009 23:16:34	Straylight	45.000	23	21Eps CMa	1.5020	26000.	90	35784	No
365	GOM_NL__2PRFIN20090102_231805_000000432075_00159_35784_0665.N1	02-JAN-2009 23:18:05	Straylight	43.000	179	24Omi2CMa	3.0320	24000.	86	35784	No
366	GOM_NL__2PRFIN20090102_232030_000000502075_00159_35784_0666.N1	02-JAN-2009 23:20:30	Straylight	49.500	1	9Alp CMa	-1.4400	11000.	99	35784	No
367	GOM_NL__2PRFIN20090102_232338_000000442075_00159_35784_0667.N1	02-JAN-2009 23:23:38	Straylight	44.000	7	19Bet Ori	0.10000	14000.	88	35784	No
368	GOM_NL__2PRFIN20090102_232528_000000422075_00159_35784_0668.N1	02-JAN-2009 23:25:28	Straylight	41.500	30	46Eps Ori	1.6940	30000.	83	35784	No
369	GOM_NL__2PRFIN20090102_232756_000000512075_00159_35784_0669.N1	02-JAN-2009 23:27:56	Twi_and_stray	51.000	14	58Alp Ori	0.87000	3000.0	102	35784	No
370	GOM_NL__2PRFIN20090102_233154_000000392075_00159_35784_0670.N1	02-JAN-2009 23:31:54	Bright	38.500	176	23Zet Tau	3.0200	22000.	77	35784	No
371	GOM_NL__2PRFIN20090102_233400_000000382075_00159_35784_0671.N1	02-JAN-2009 23:34:00	Bright	38.000	28	12Bet Tau	1.6500	15200.	76	35784	No
372	GOM_NL__2PRFIN20090102_233518_000000382075_00159_35784_0672.N1	02-JAN-2009 23:35:18	Bright	37.500	114	3Iot Aur	2.6930	4600.0	75	35784	No
373	GOM_NL__2PRFIN20090102_233644_000000392075_00159_35784_0673.N1	02-JAN-2009 23:36:44	Bright	38.500	107	37The Aur	2.6490	11000.	77	35784	No
374	GOM_NL__2PRFIN20090102_233854_000000402075_00159_35784_0674.N1	02-JAN-2009 23:38:54	Bright	40.000	6	13Alp Aur	0.080000	3400.0	80	35784	No
375	GOM_NL__2PRFIN20090102_235108_000000362075_00159_35784_0675.N1	02-JAN-2009 23:51:08	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	35784	No
376	GOM_NL__2PRFIN20090102_235532_000000362075_00159_35784_0676.N1	02-JAN-2009 23:55:32	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	35784	No
377	GOM_NL__2PRFIN20090102_235927_000000382075_00159_35784_0677.N1	02-JAN-2009 23:59:27	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	35784	No

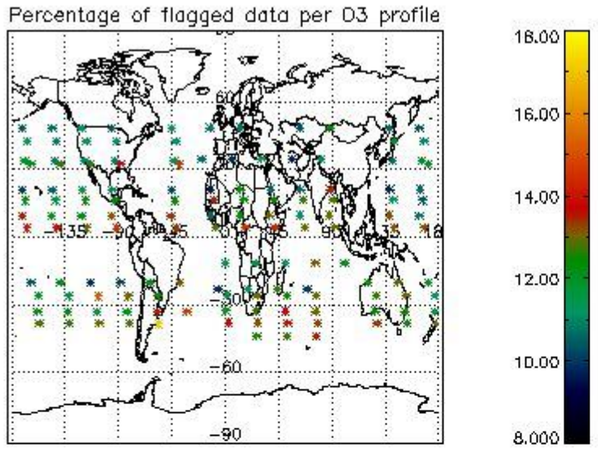
3. Quality information per product

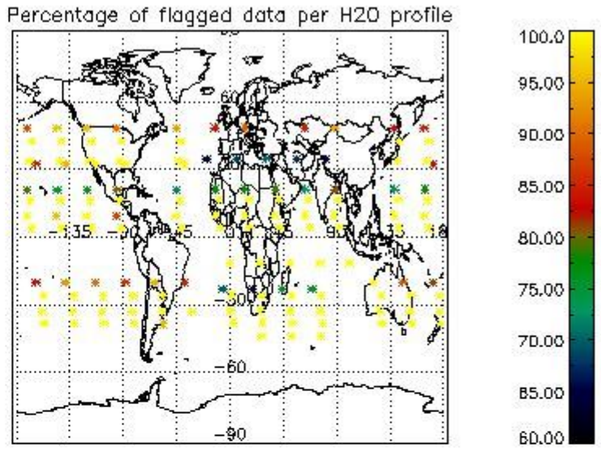
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

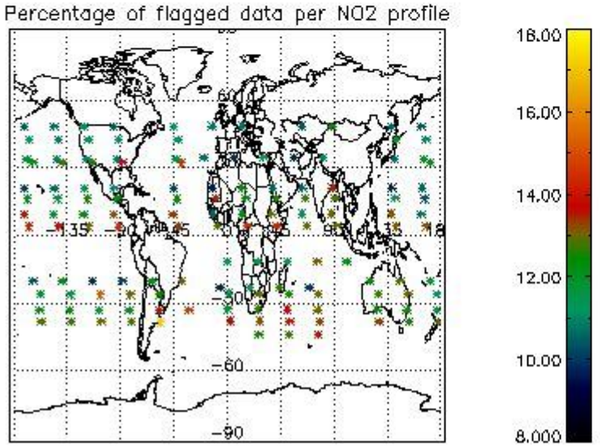
3.1 Plot quality information per product (time dependant)

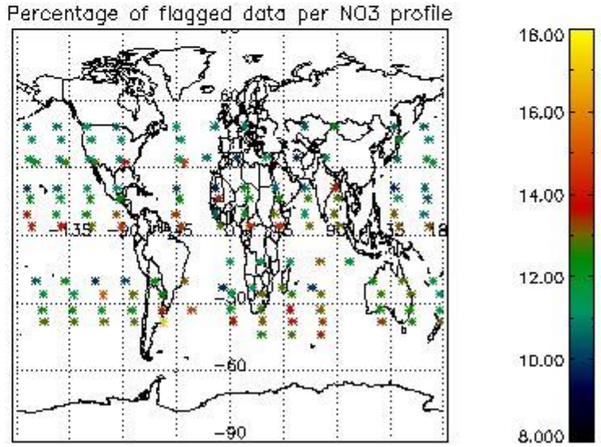


3.2 Plot quality information per product (world map)







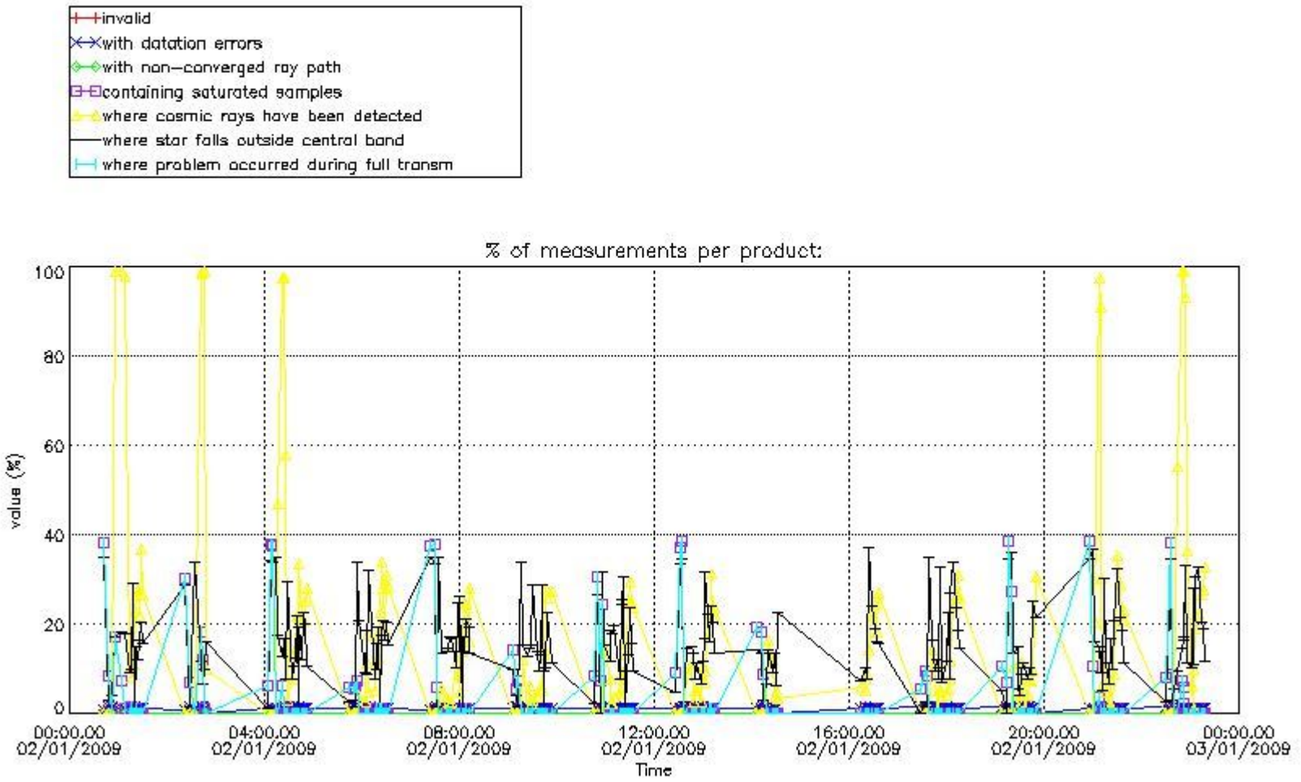


4. Level 1 quality information per product

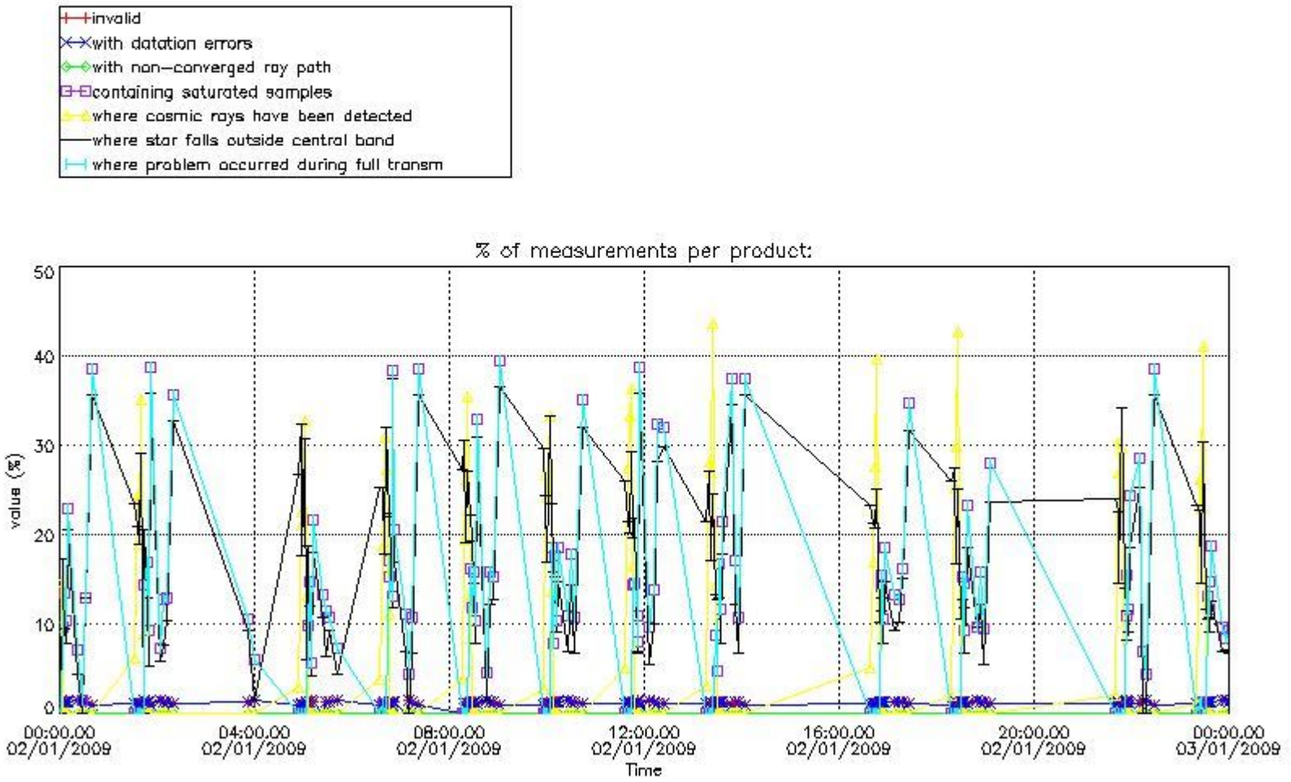
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processsing. Products without errors (error flag in the MPH set to "0") are used.

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

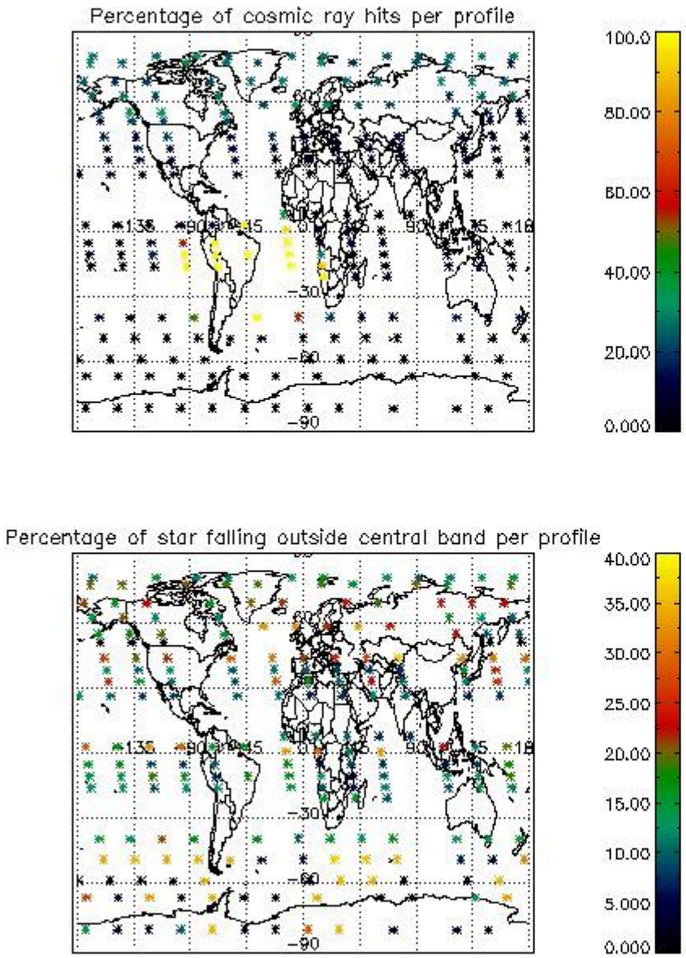


4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes

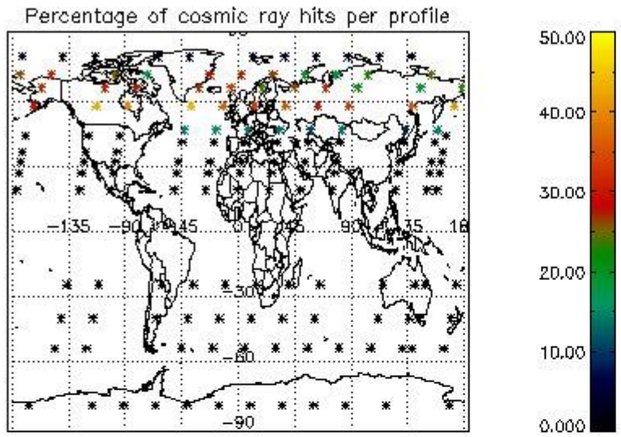


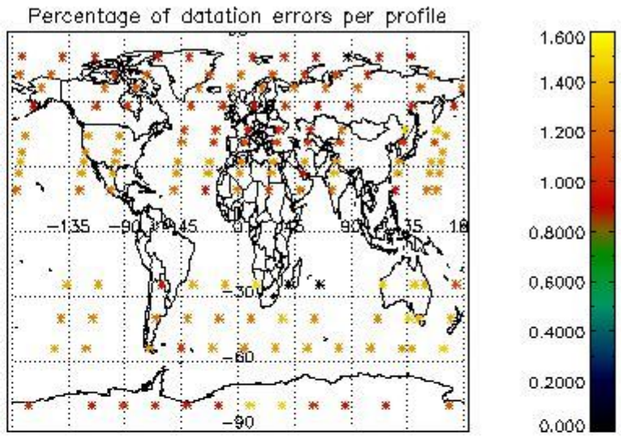
4.2 Plot quality information per product comming from level 1b processing (world map)

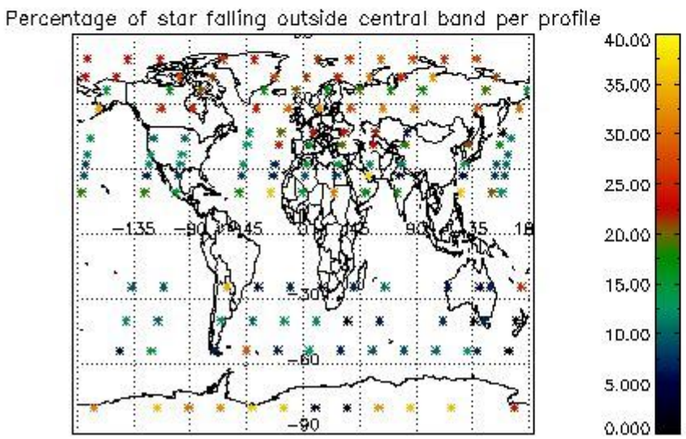
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

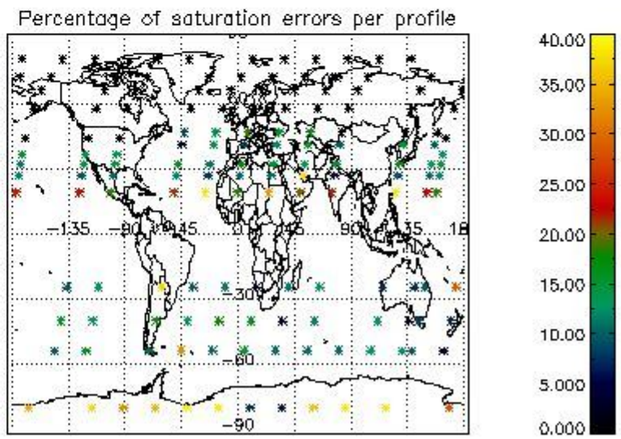


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes









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

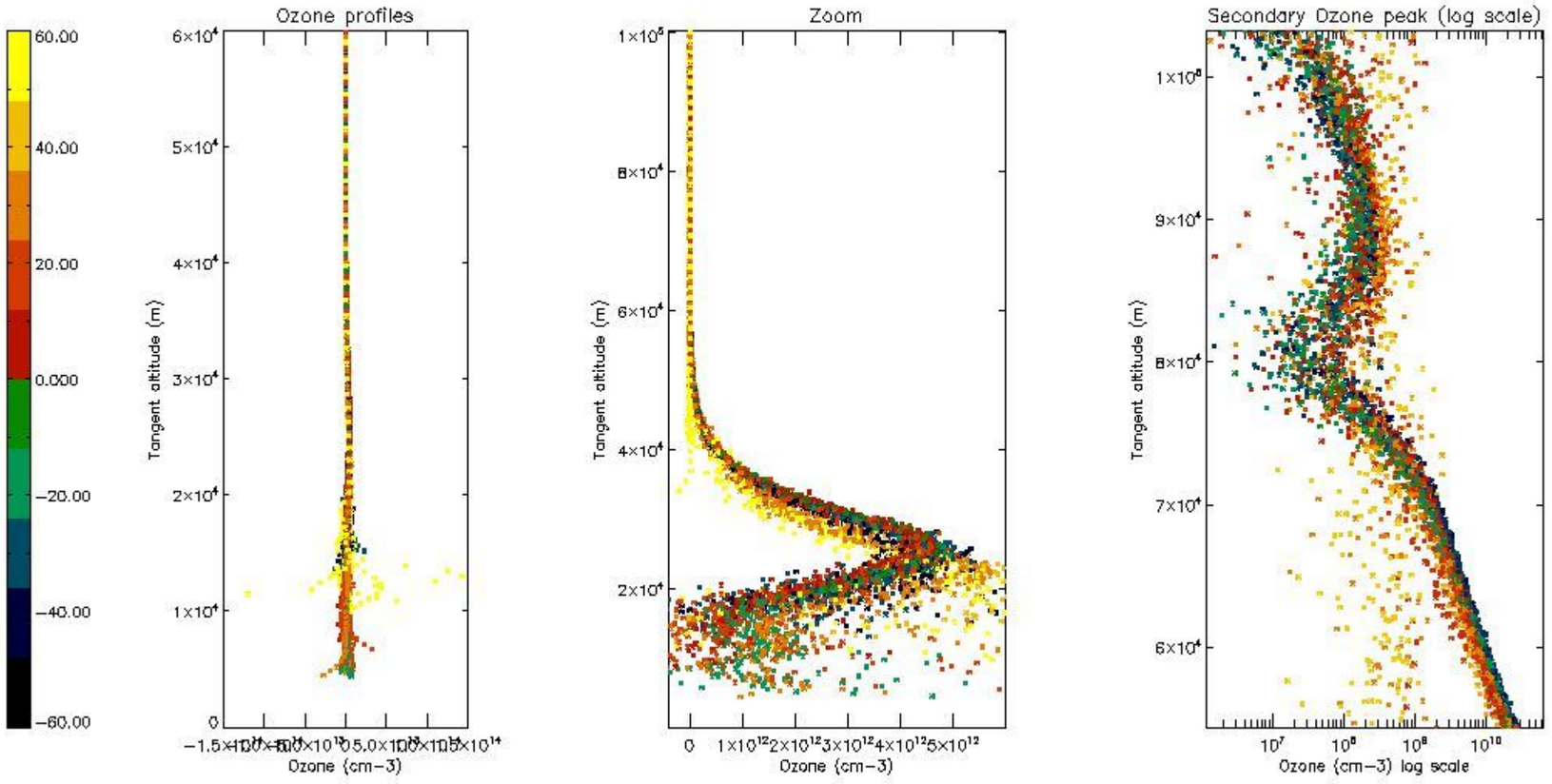
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	38
STD < 20	20

STD < 10	16
STD < 5	10

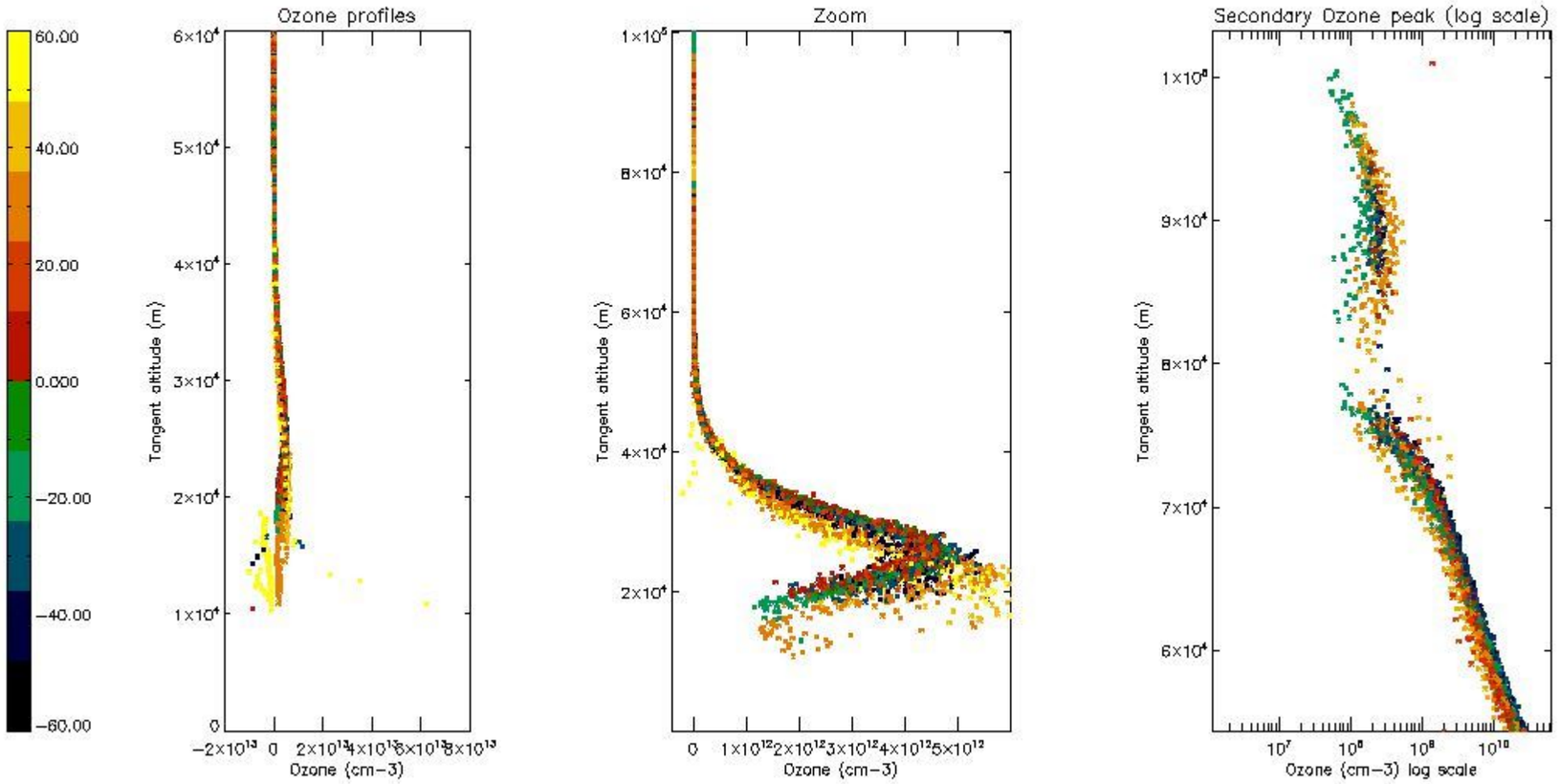
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



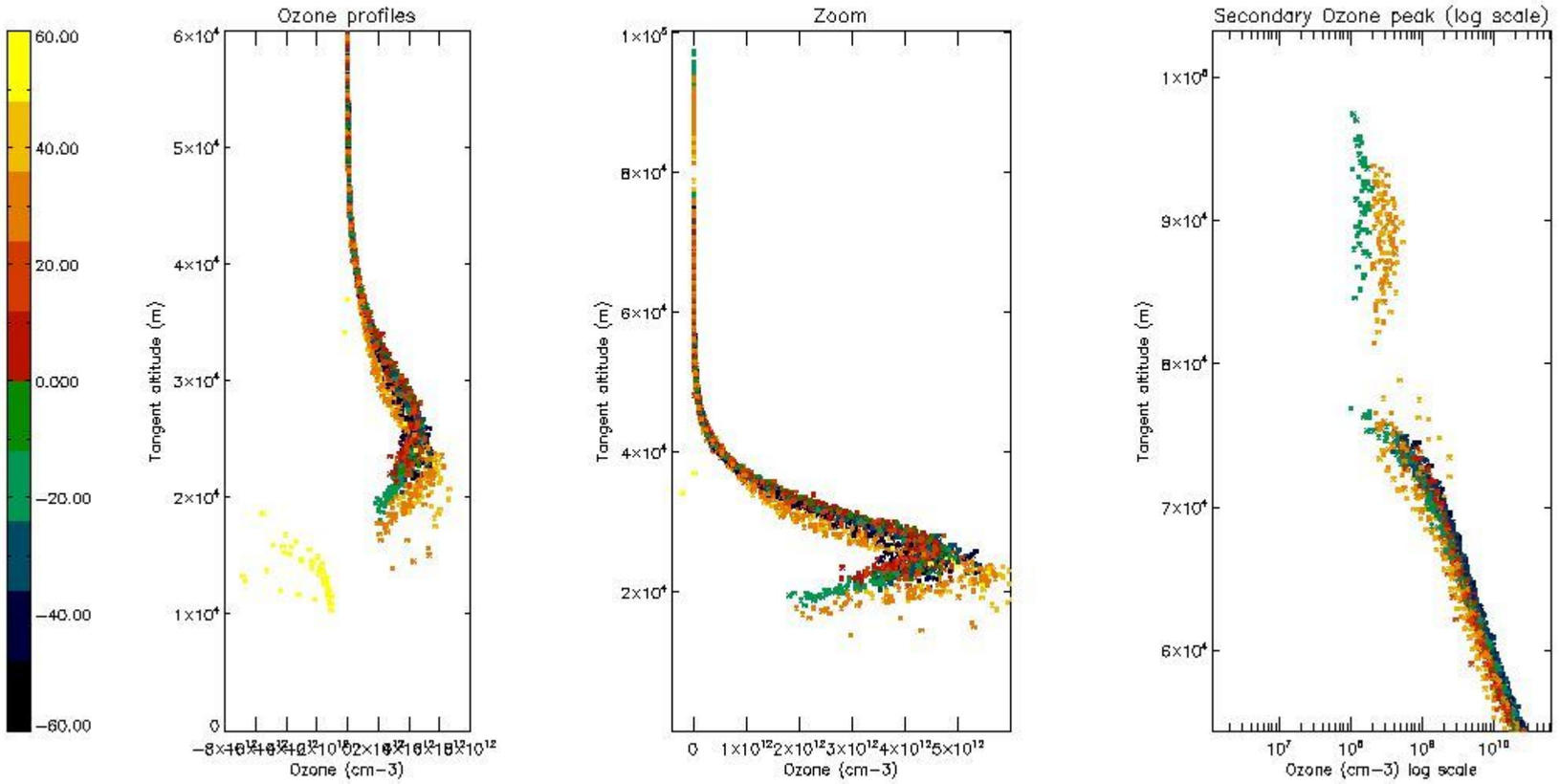
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



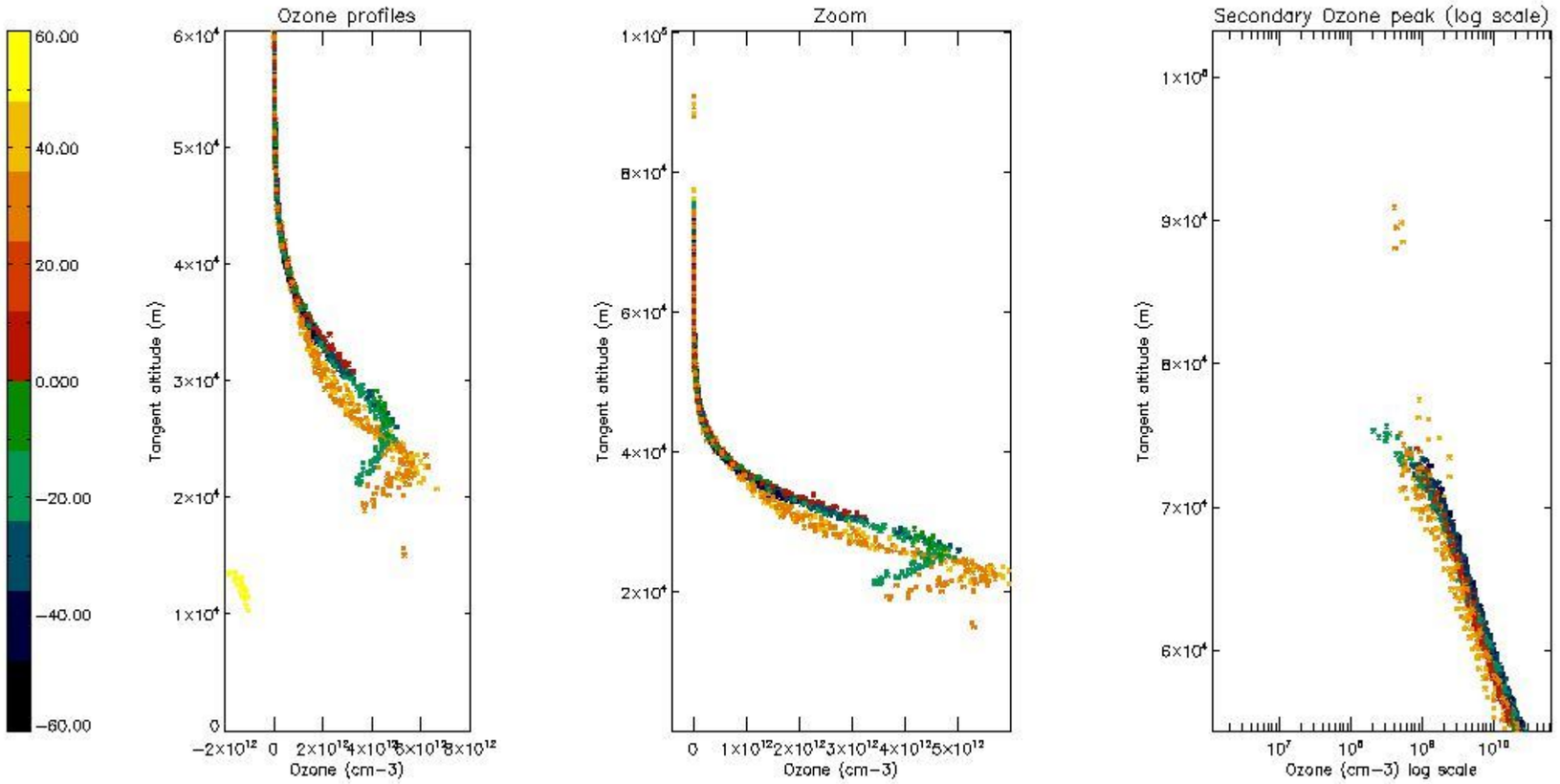
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



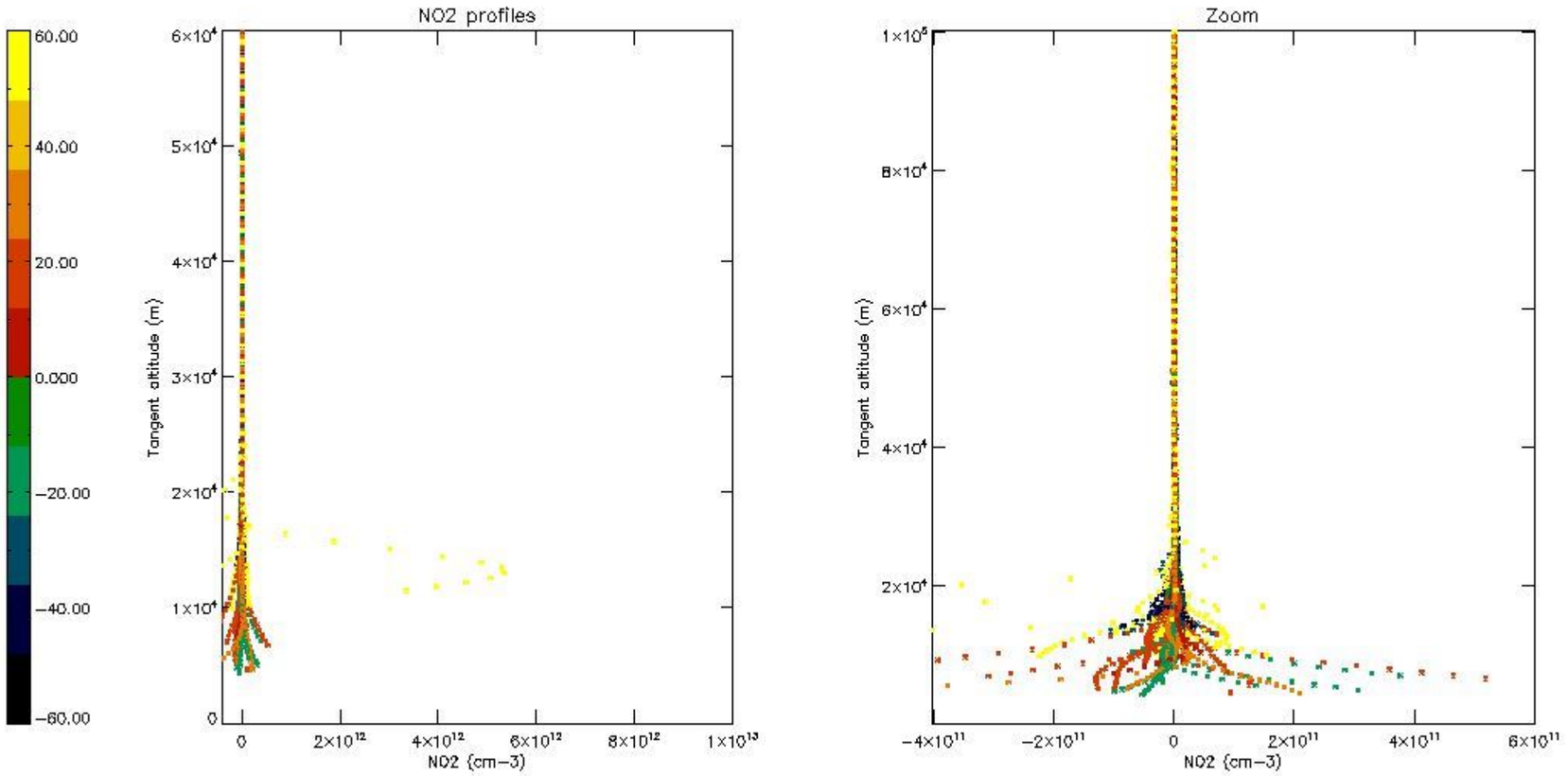
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



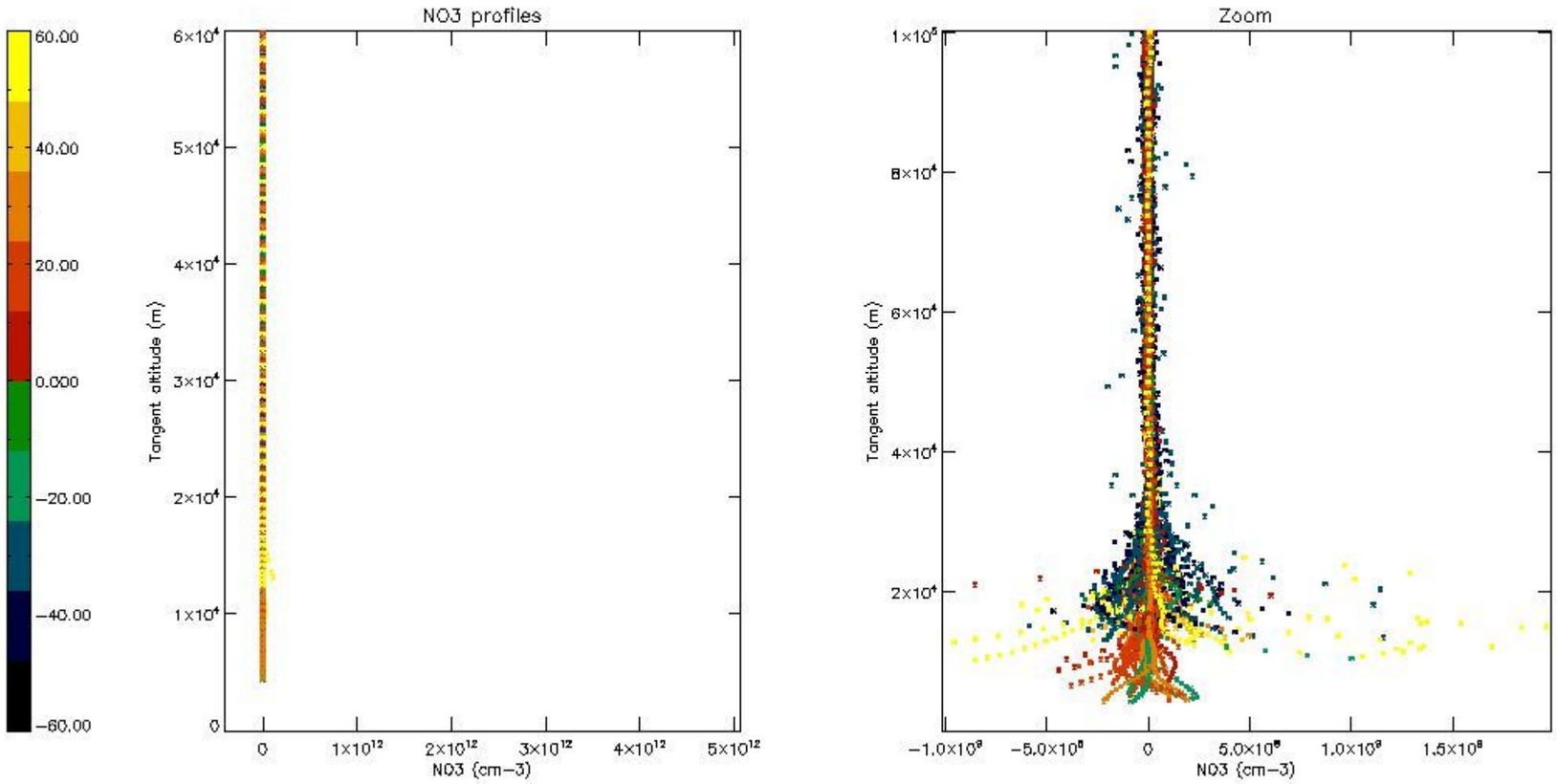
5.6 Plot NO2 profiles for all STD (dark without errors)

The colorbar represents the latitude.



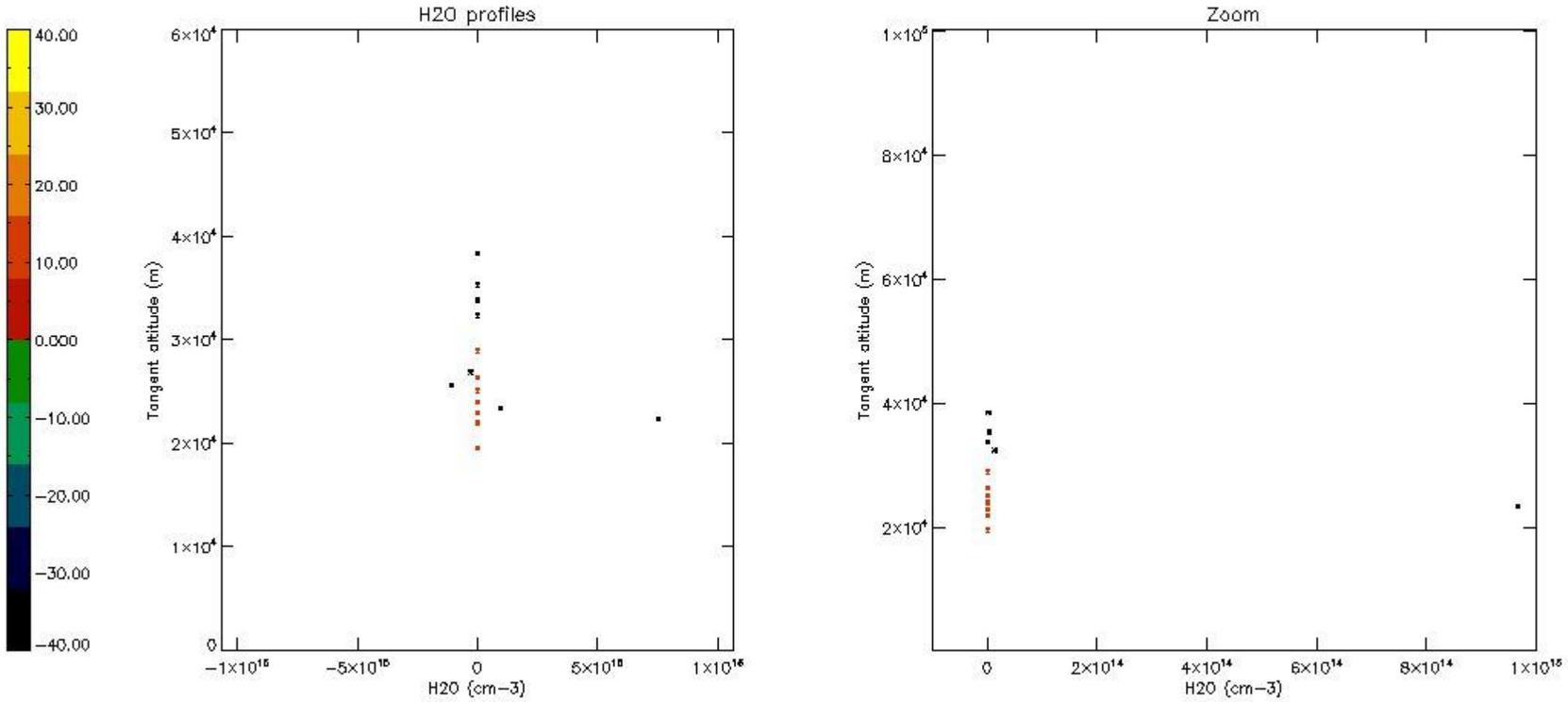
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

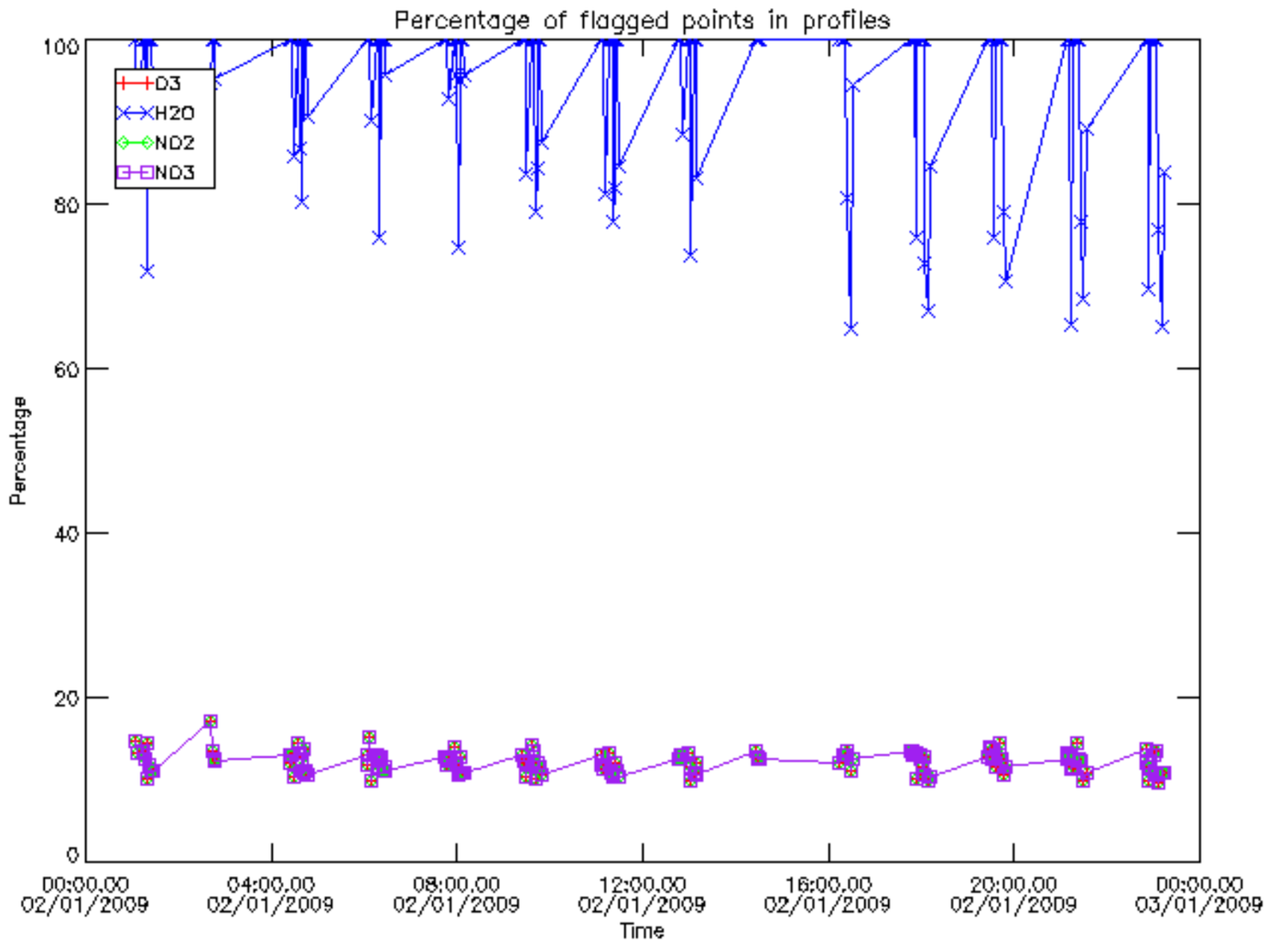
The colorbar represents the latitude.

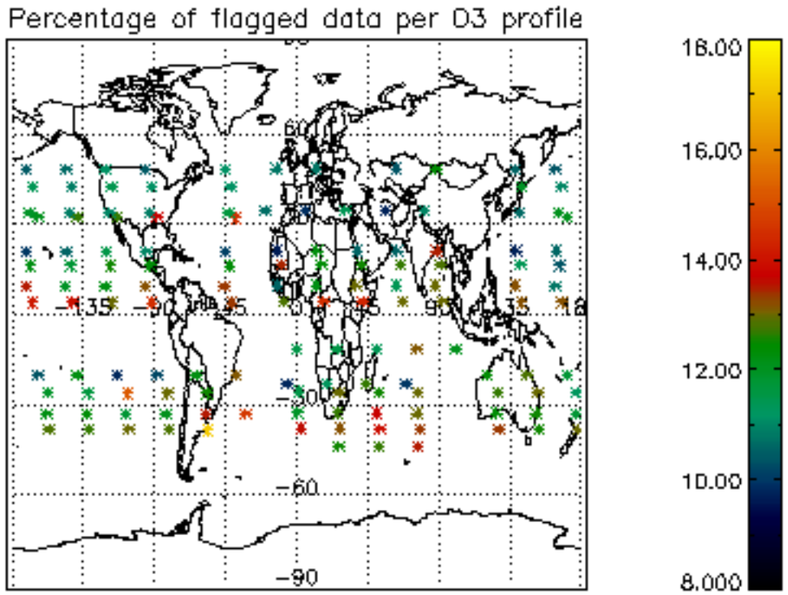


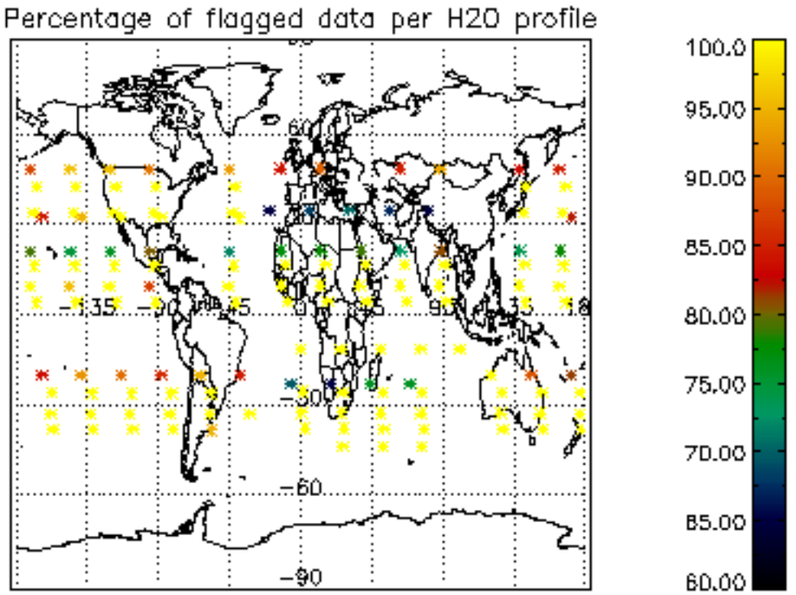
6. Auxiliary Data Files used for the production reported in section 2

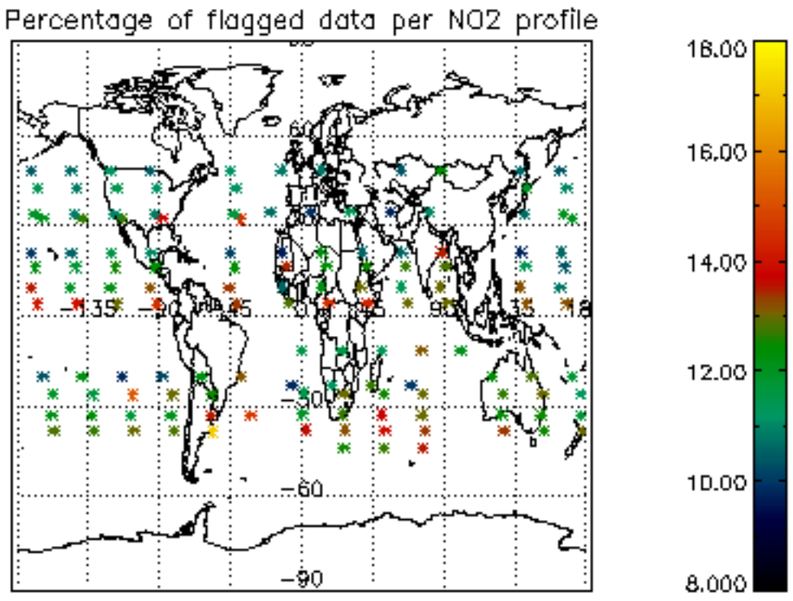
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

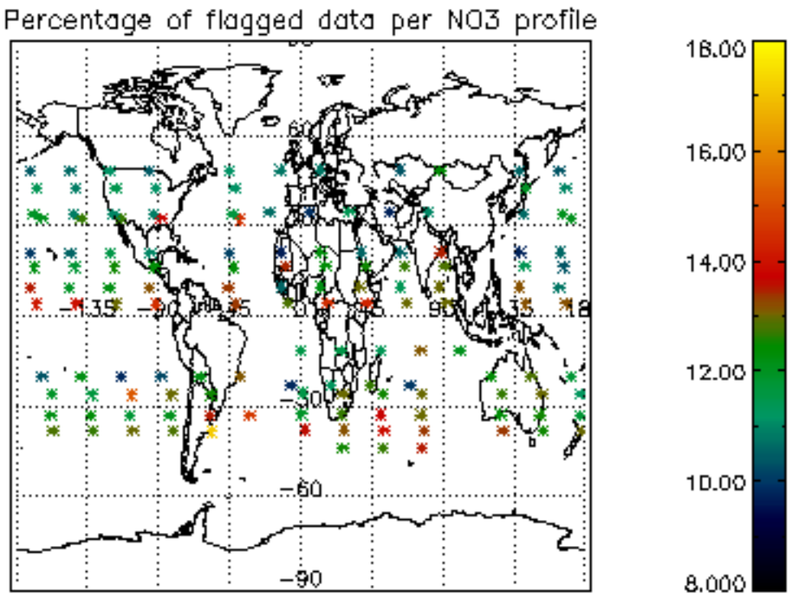
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	02-JAN-2009 00:02:46
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	02-JAN-2009 00:02:46
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	02-JAN-2009 00:02:46

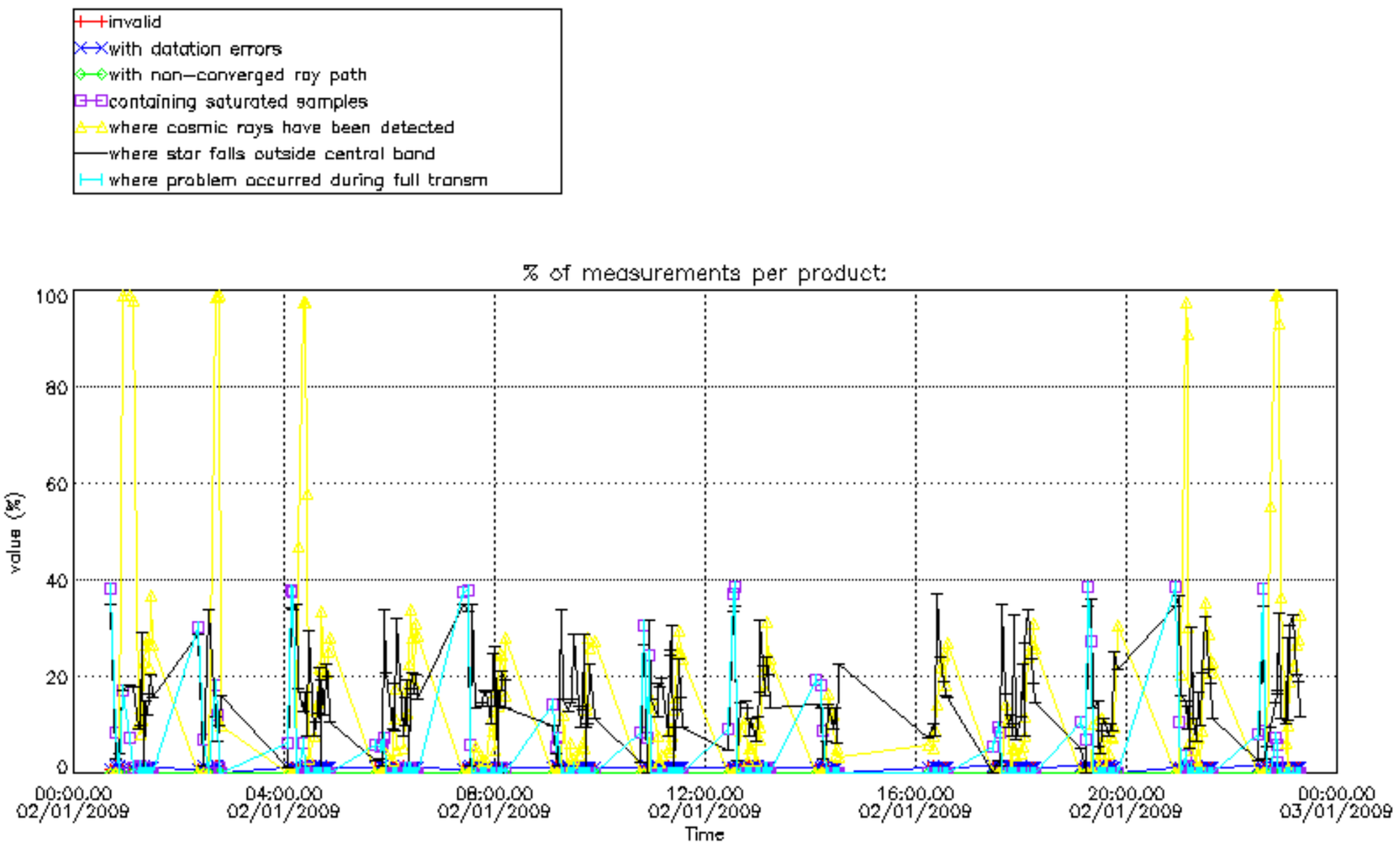

Percentage of flagged points in profiles
O3
H2O
NO2
NO3
100
80
60
40
20
0
Percentage
00:00.00
02/01/2009
04:00.00
02/01/2009
08:00.00
02/01/2009
12:00.00
02/01/2009
16:00.00
02/01/2009
20:00.00
02/01/2009
00:00.00
03/01/2009
Time

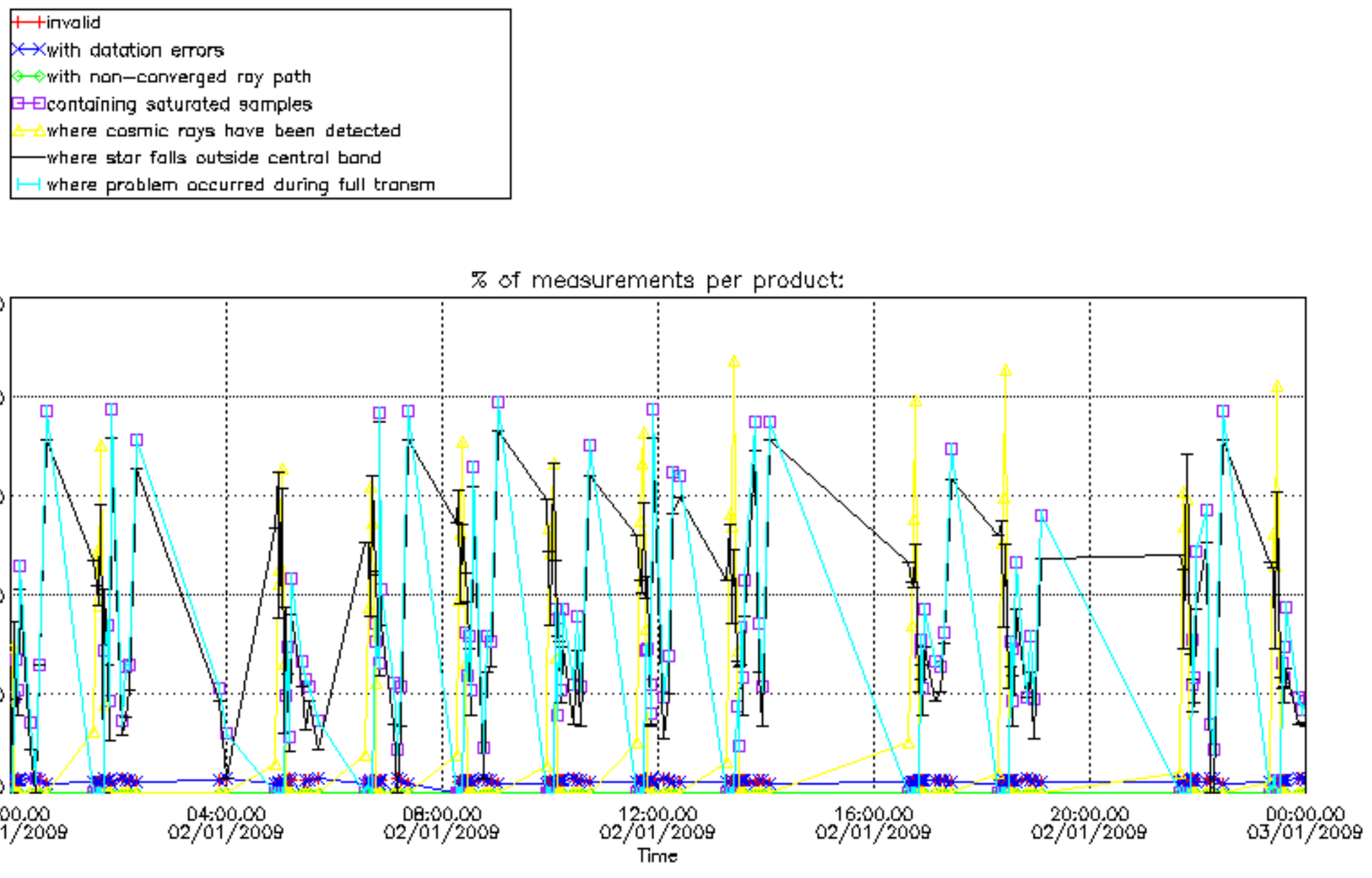

Percentage of flagged data per O3 profile
18.00
16.00
14.00
12.00
10.00
8.000
60
-60
-90

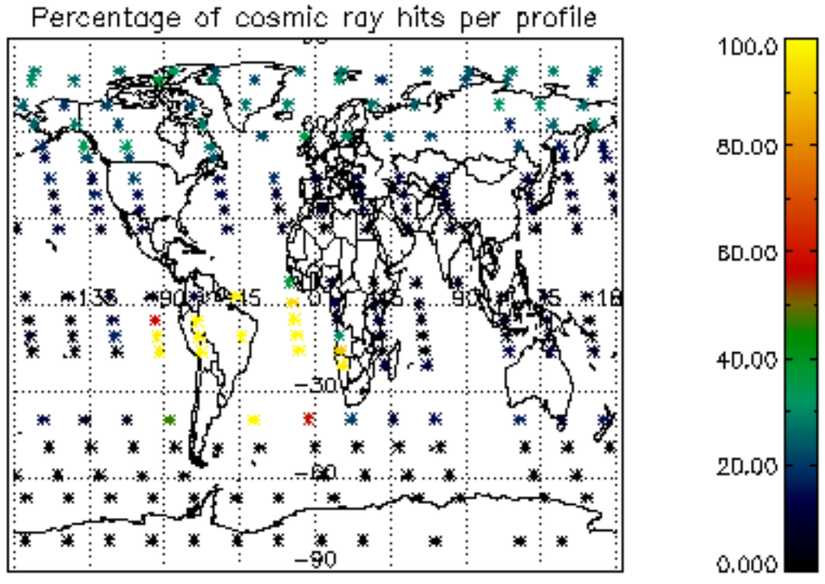

Percentage of flagged data per H2O profile
100.0
95.00
90.00
85.00
80.00
75.00
70.00
65.00
60.00
60
-60
-90

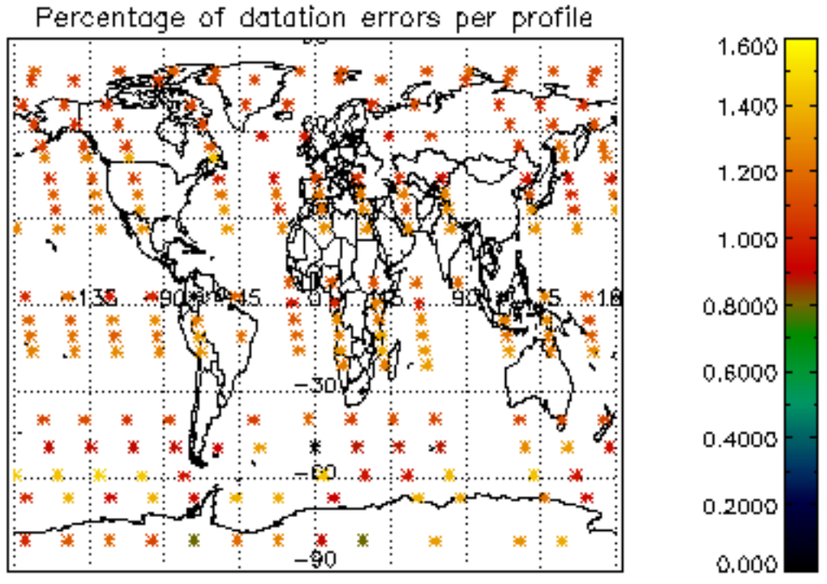

Percentage of flagged data per NO2 profile
18.00
16.00
14.00
12.00
10.00
8.000
60
-60
-90

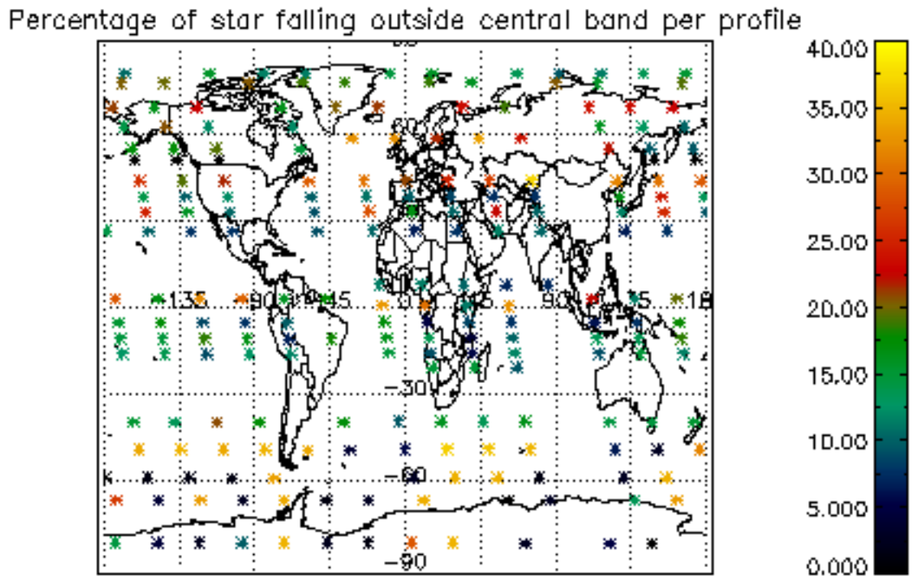

Percentage of flagged data per NO3 profile
18.00
16.00
14.00
12.00
10.00
8.000
60
-60
-90

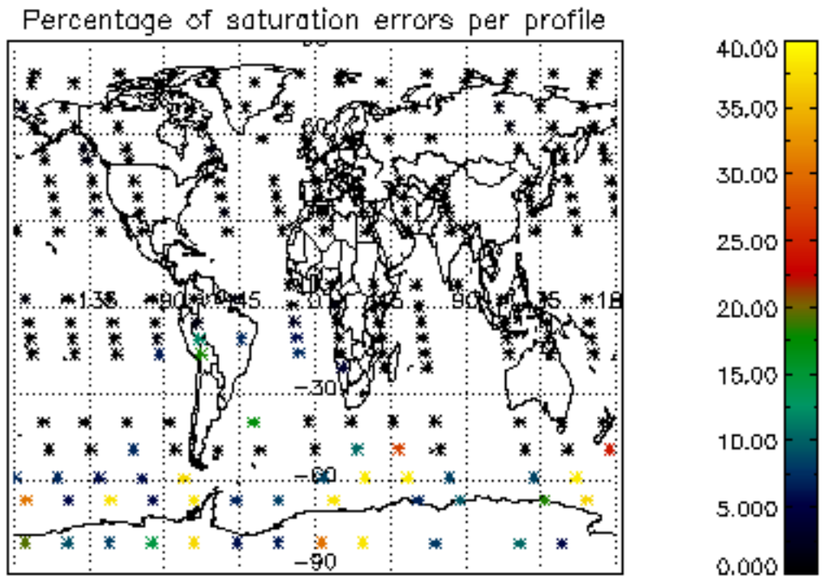

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
100
80
60
40
20
0
value (%)
00:00.00
02/01/2009
04:00.00
02/01/2009
08:00.00
02/01/2009
12:00.00
02/01/2009
16:00.00
02/01/2009
20:00.00
02/01/2009
00:00.00
03/01/2009
Time

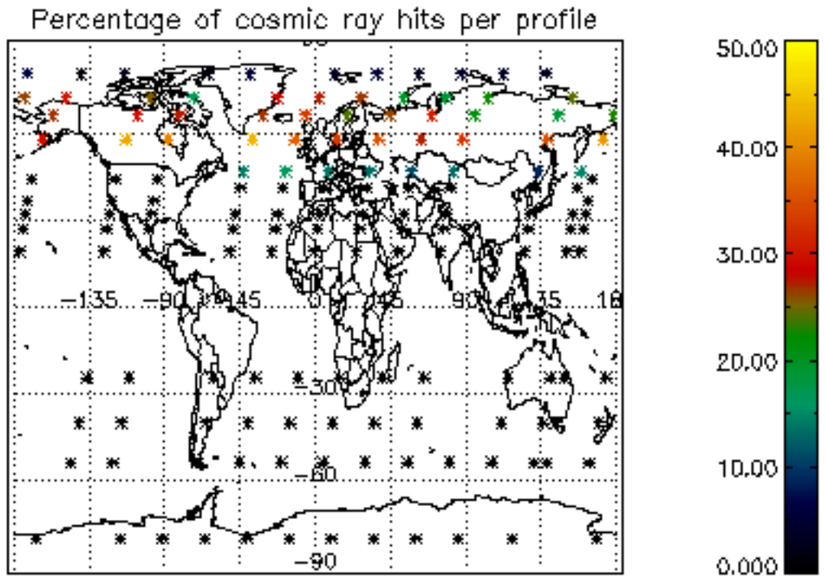

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
value (%)
0
10
20
30
40
50
00:00.00 02/01/2009
04:00.00 02/01/2009
08:00.00 02/01/2009
12:00.00 02/01/2009
16:00.00 02/01/2009
20:00.00 02/01/2009
00:00.00 03/01/2009
Time

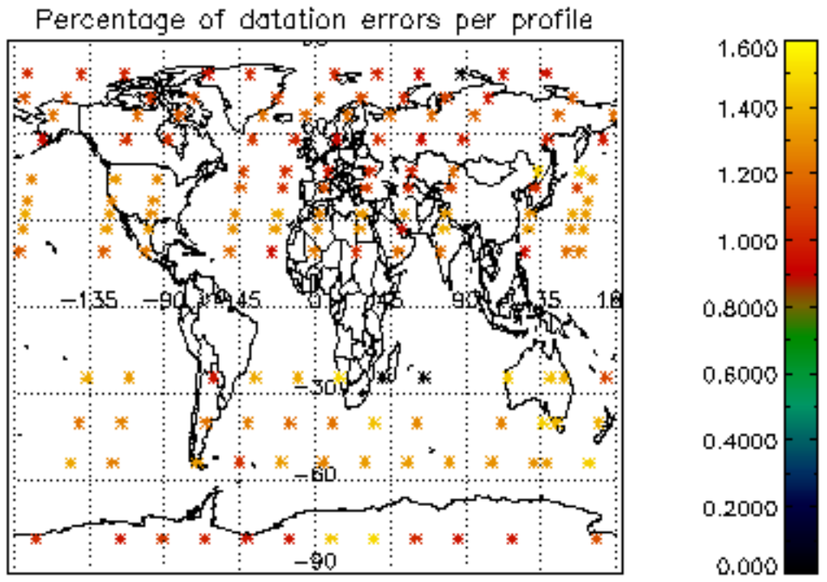

Percentage of cosmic ray hits per profile
100.0
80.00
60.00
40.00
20.00
0.000
-135
-90
-45
0
45
90
135
180
-30
-60
-90

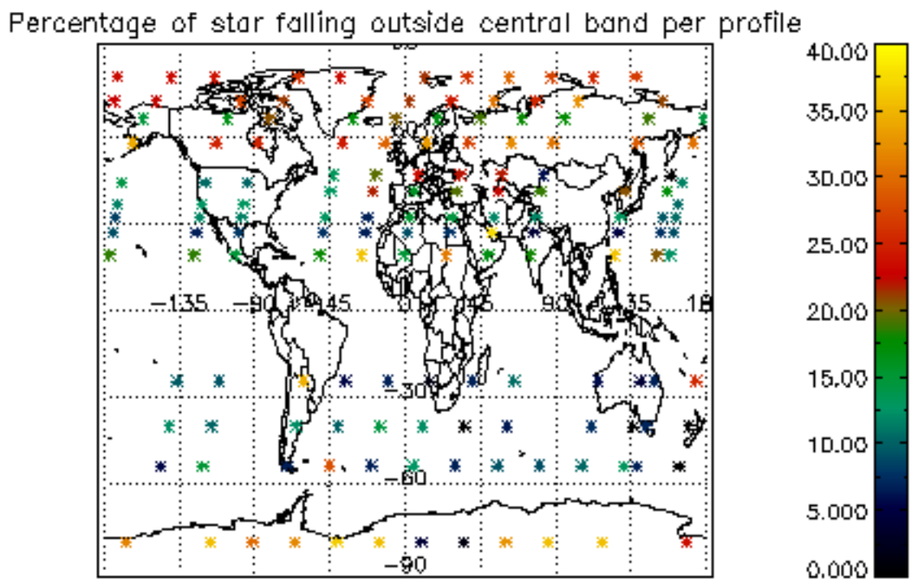

Percentage of datation errors per profile
1.600
1.400
1.200
1.000
0.8000
0.6000
0.4000
0.2000
0.000
-135
-90
-45
0
45
90
135
180
-30
-60
-90

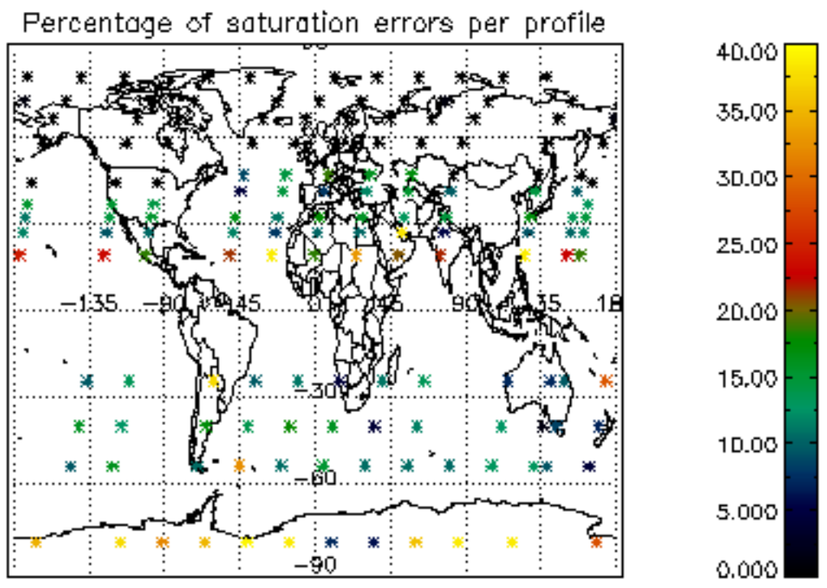

Percentage of star falling outside central band per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
-135
-90
-45
0
45
90
135
180
-30
-60
-90

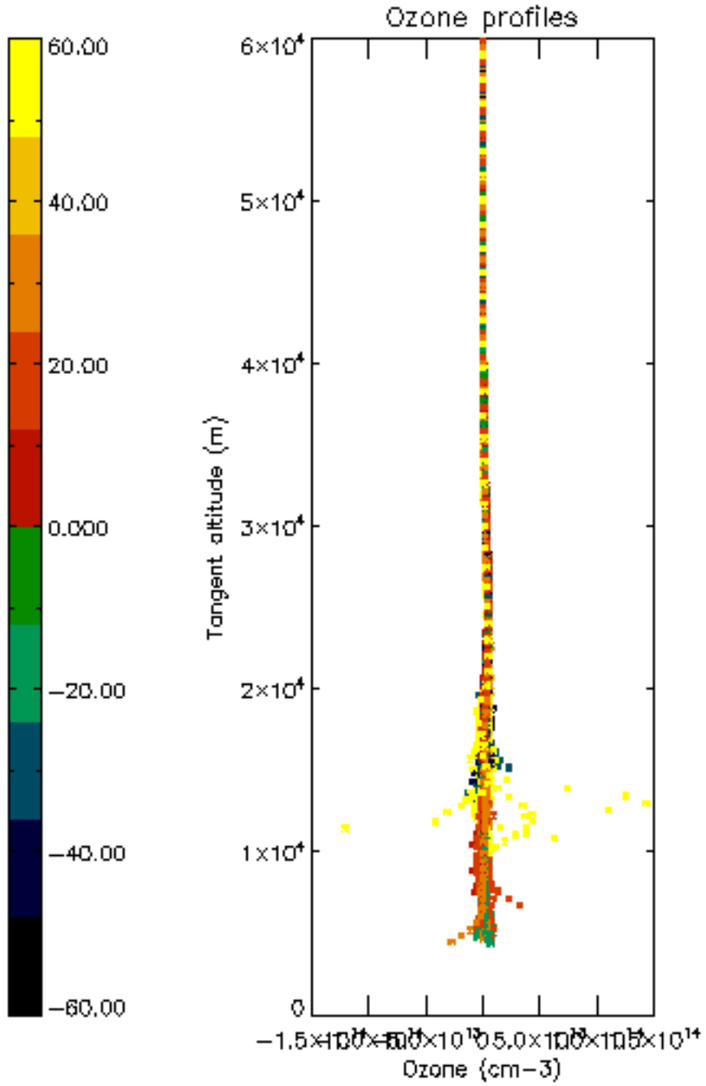

Percentage of saturation errors per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
-135
-90
-45
0
45
90
135
180
-30
-60
-90

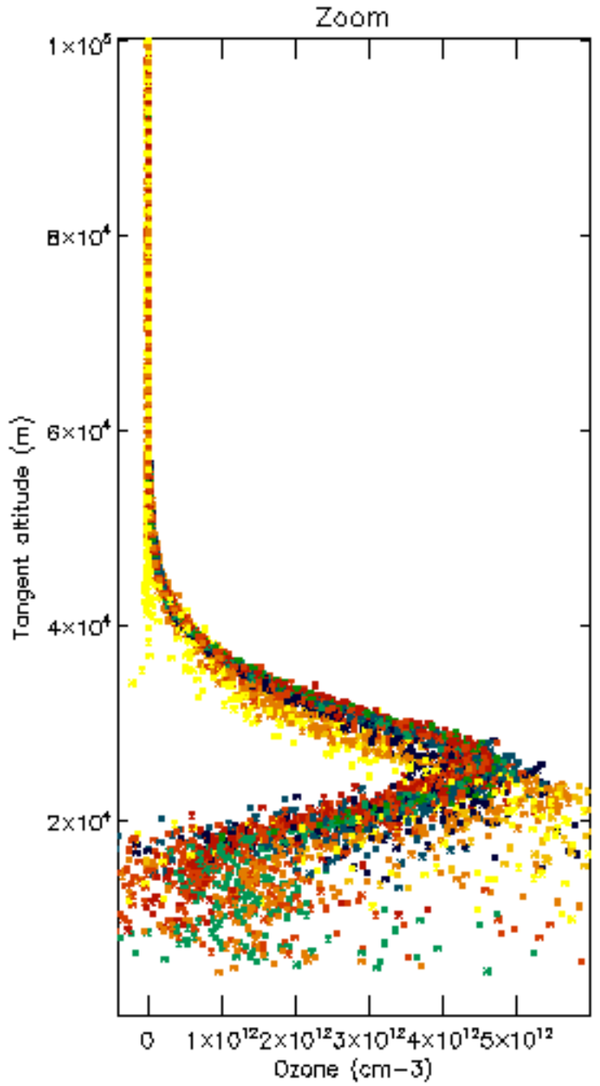

Percentage of cosmic ray hits per profile
50.00
40.00
30.00
20.00
10.00
0.000
−135
−90
−30
−60
−90

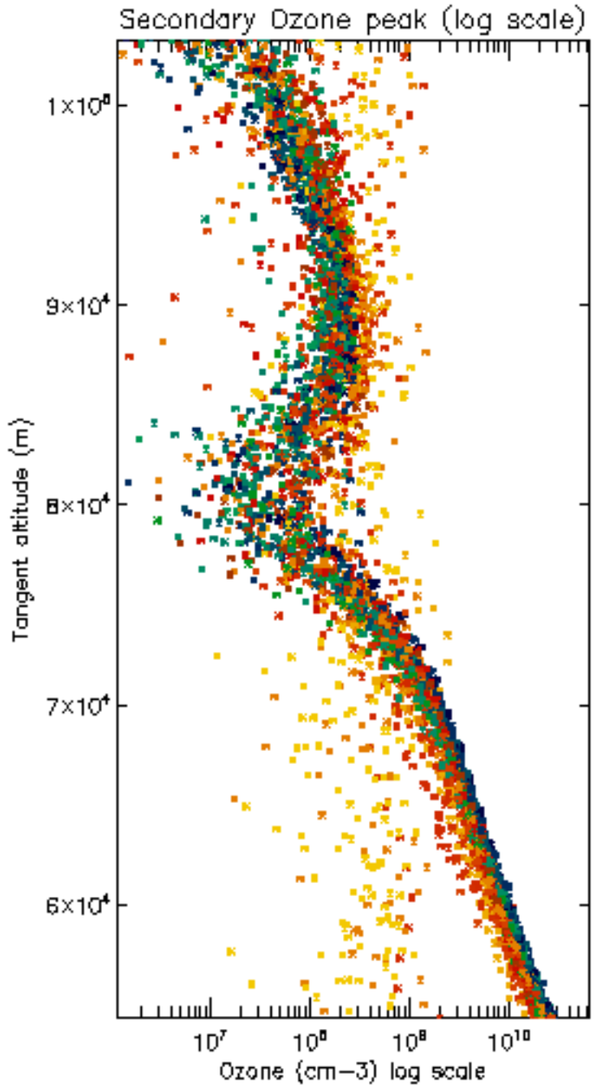

Percentage of datation errors per profile
1.600
1.400
1.200
1.000
0.8000
0.6000
0.4000
0.2000
0.000
−135
−90
−30
−60
−90

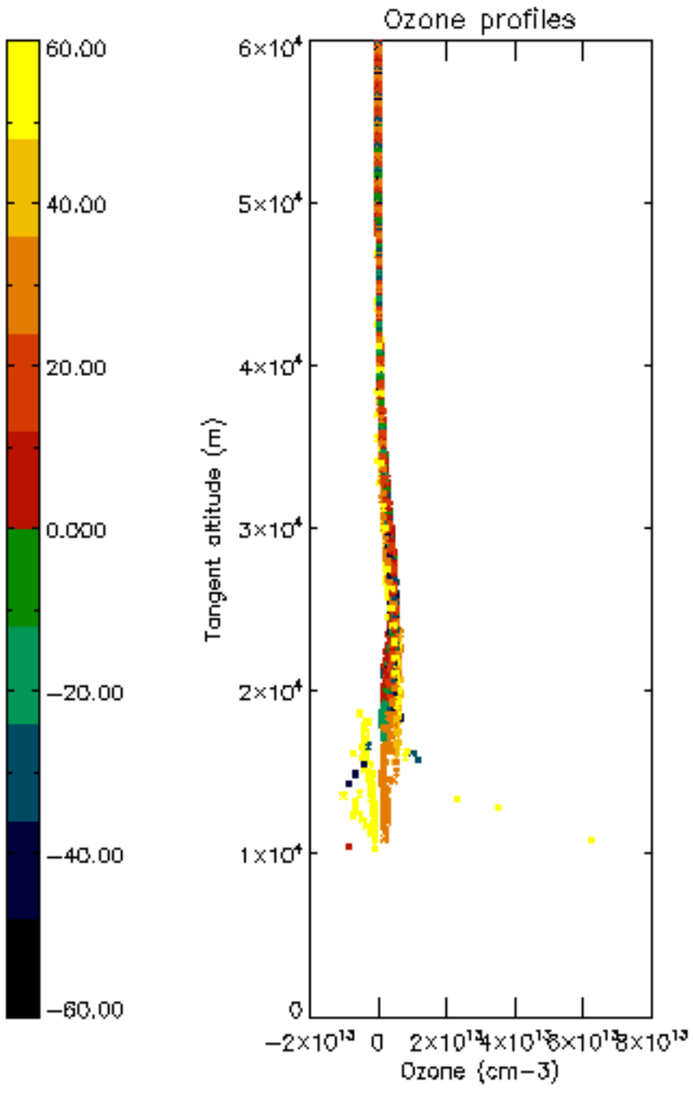

Percentage of star falling outside central band per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−30
−60
−90

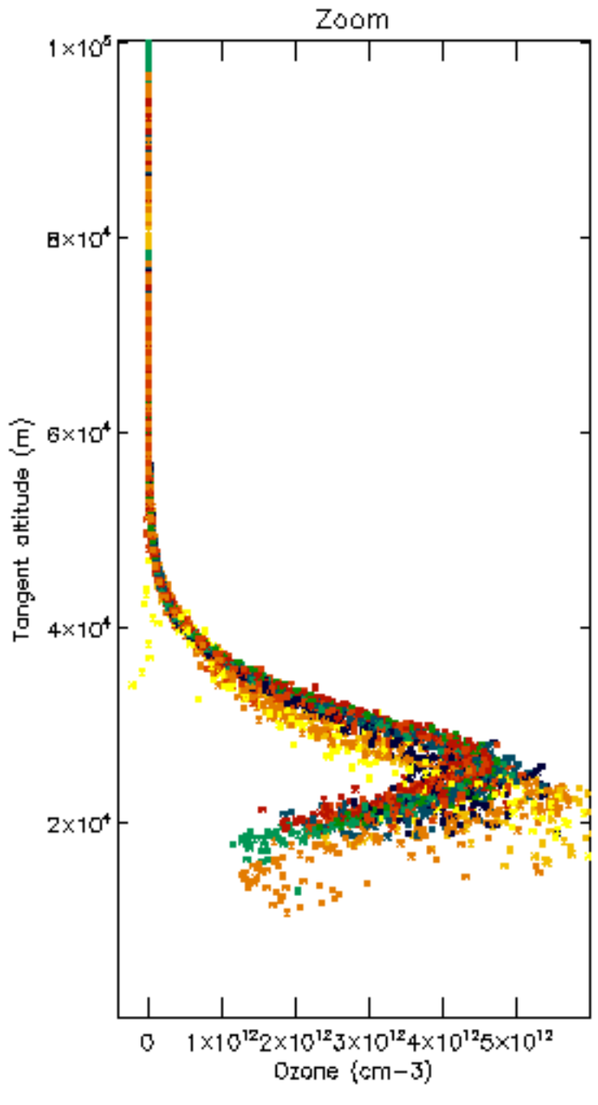

Percentage of saturation errors per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−30
−60
−90

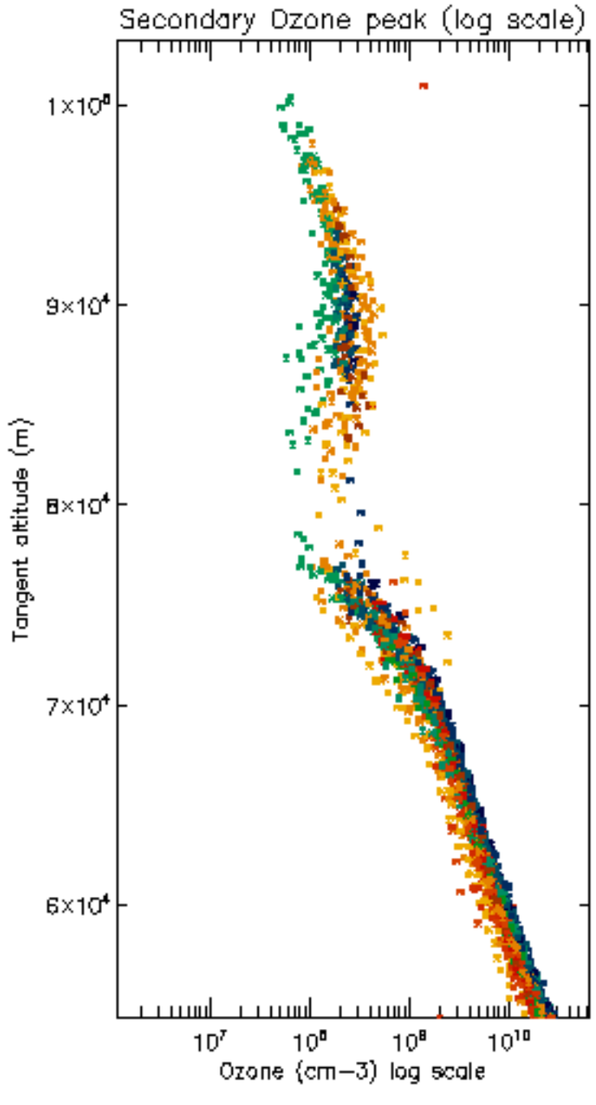

Ozone profiles
60.00
40.00
20.00
0.000
−20.00
−40.00
−60.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
Ozone (cm−3)

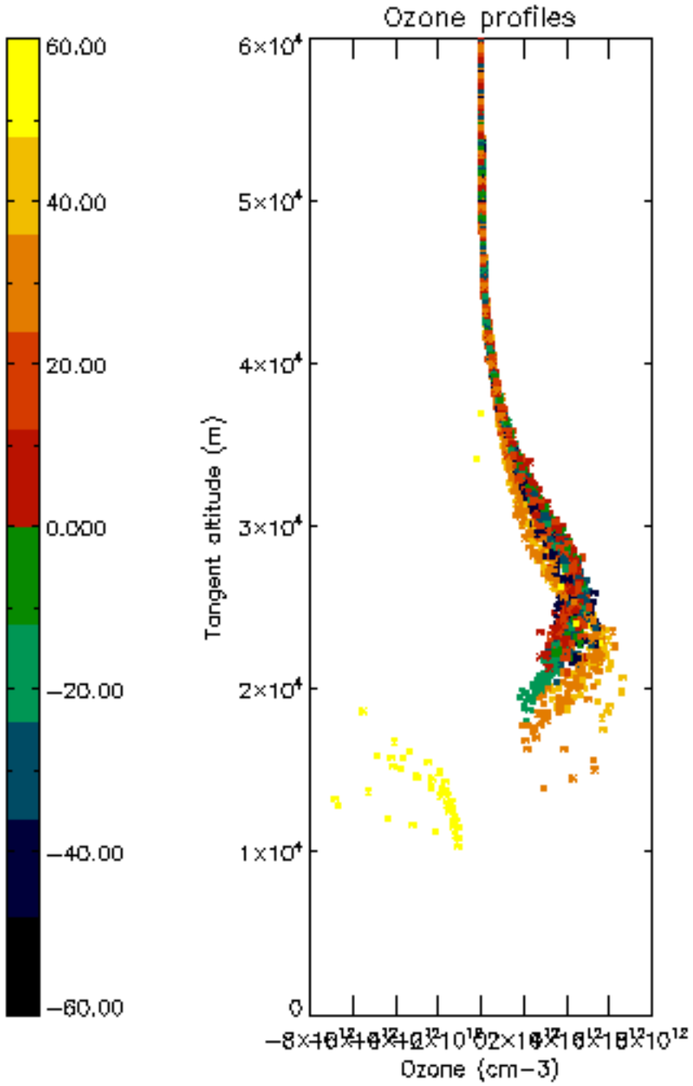

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)


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


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

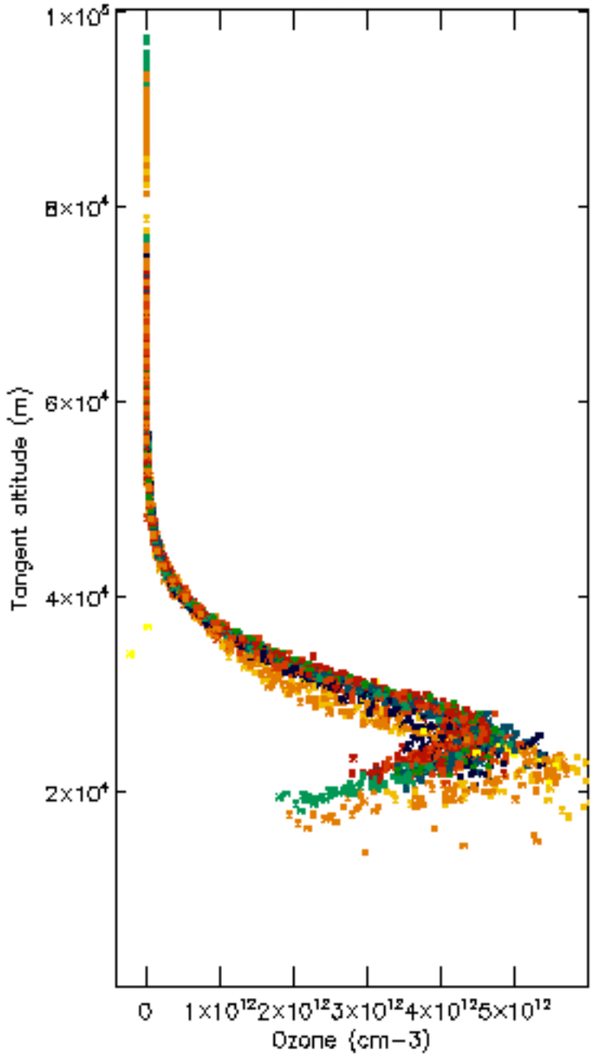

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)


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

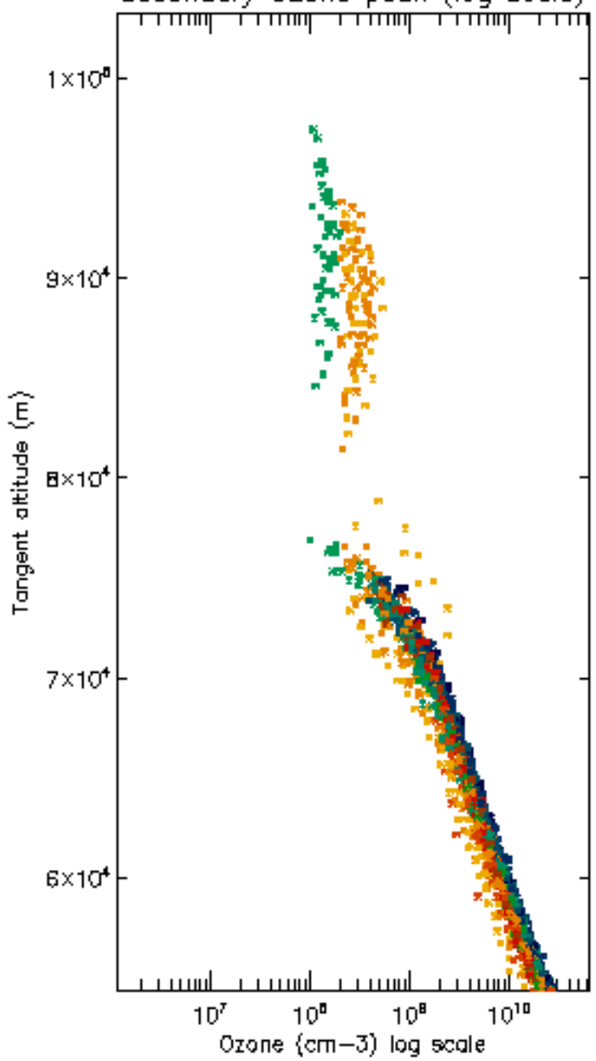


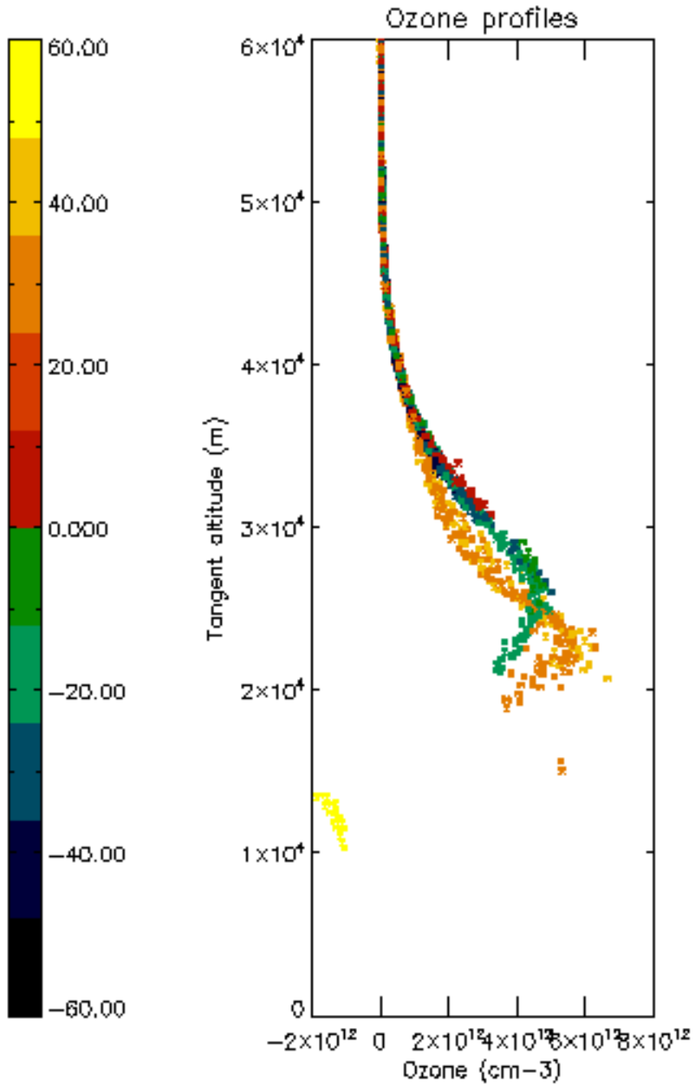
Ozone profiles

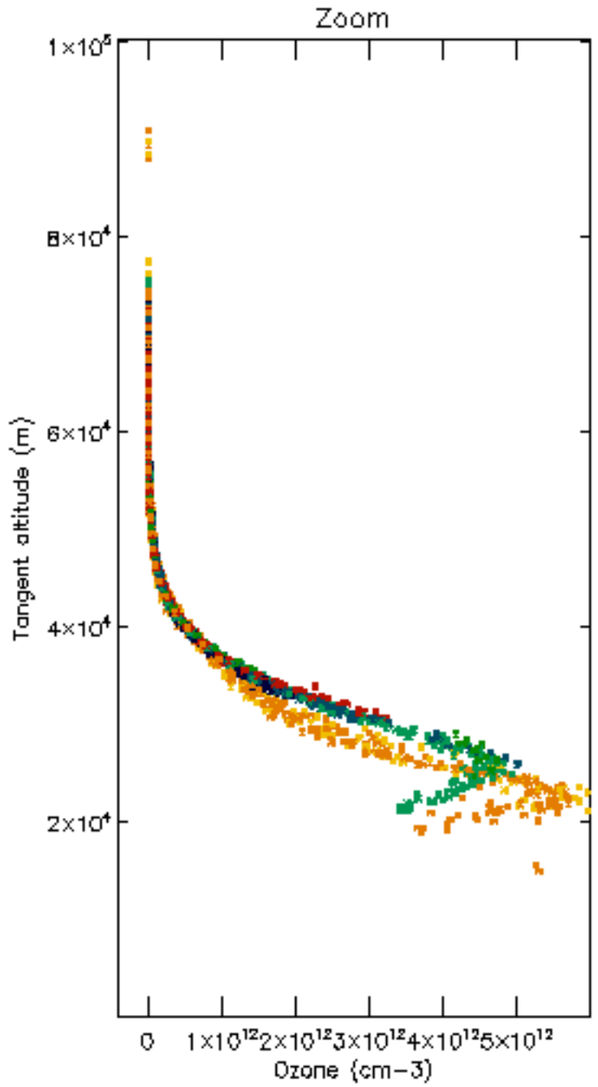
Zoom

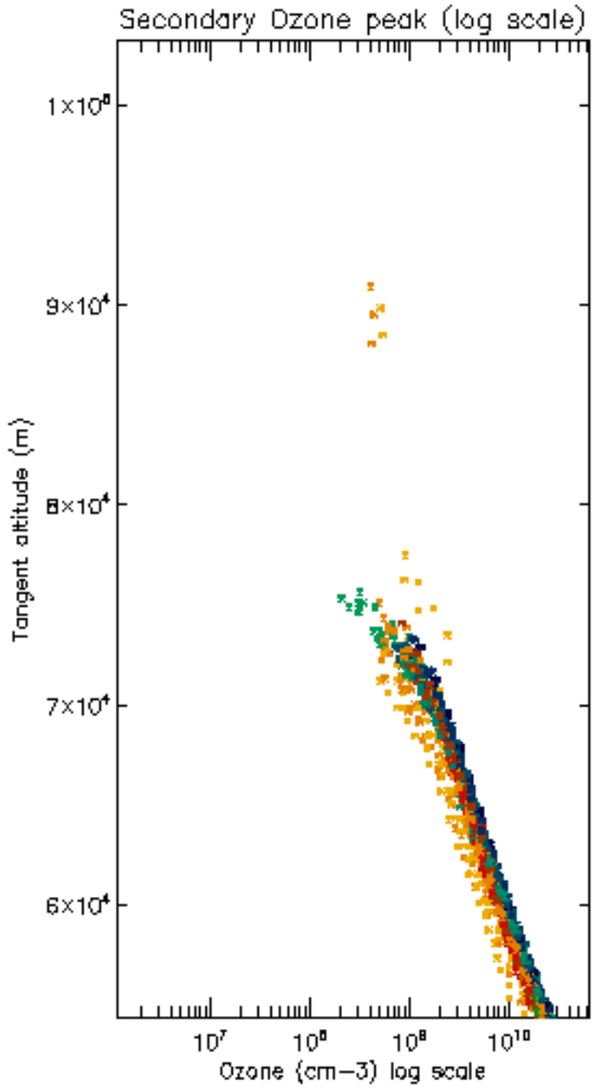


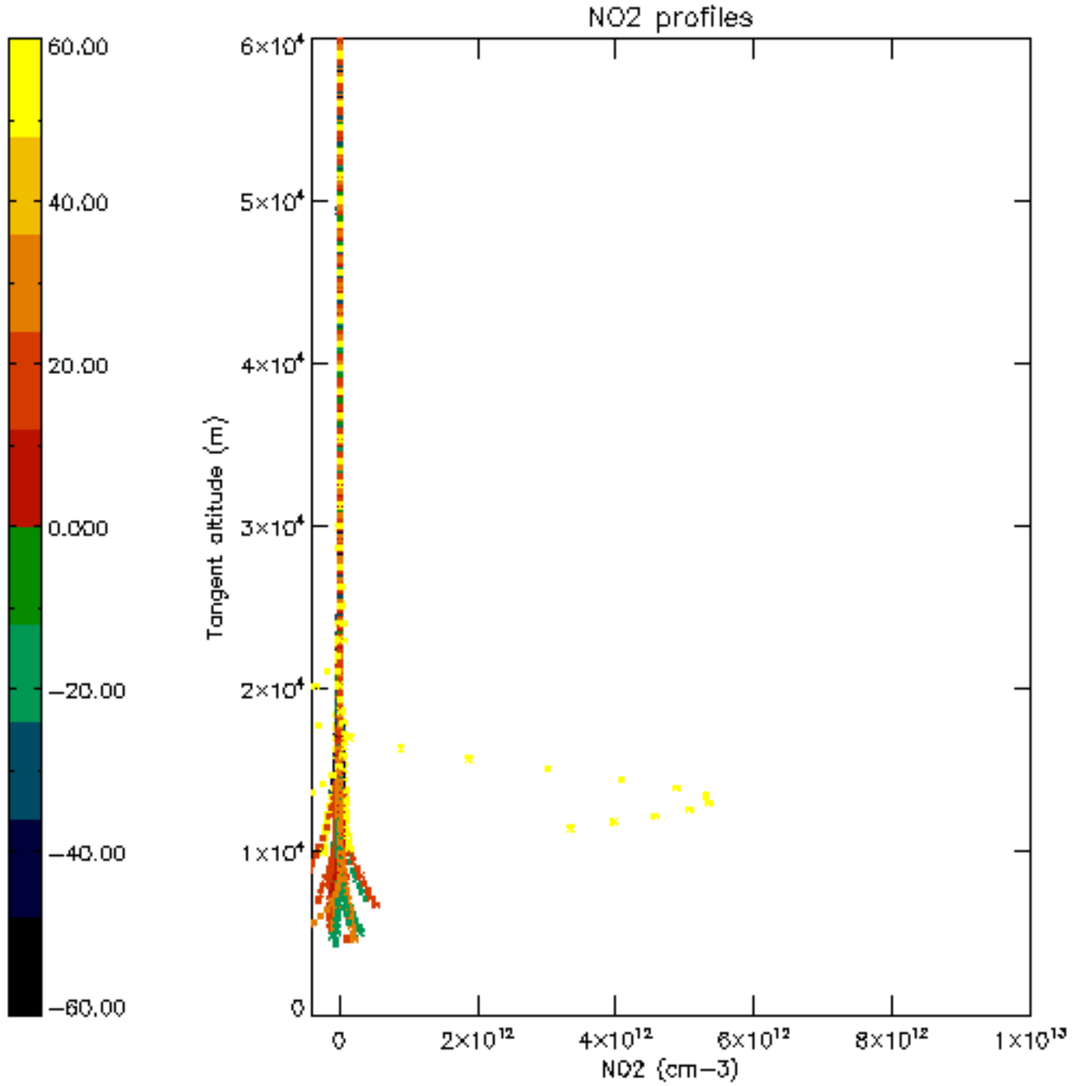
Secondary Ozone peak (log scale)

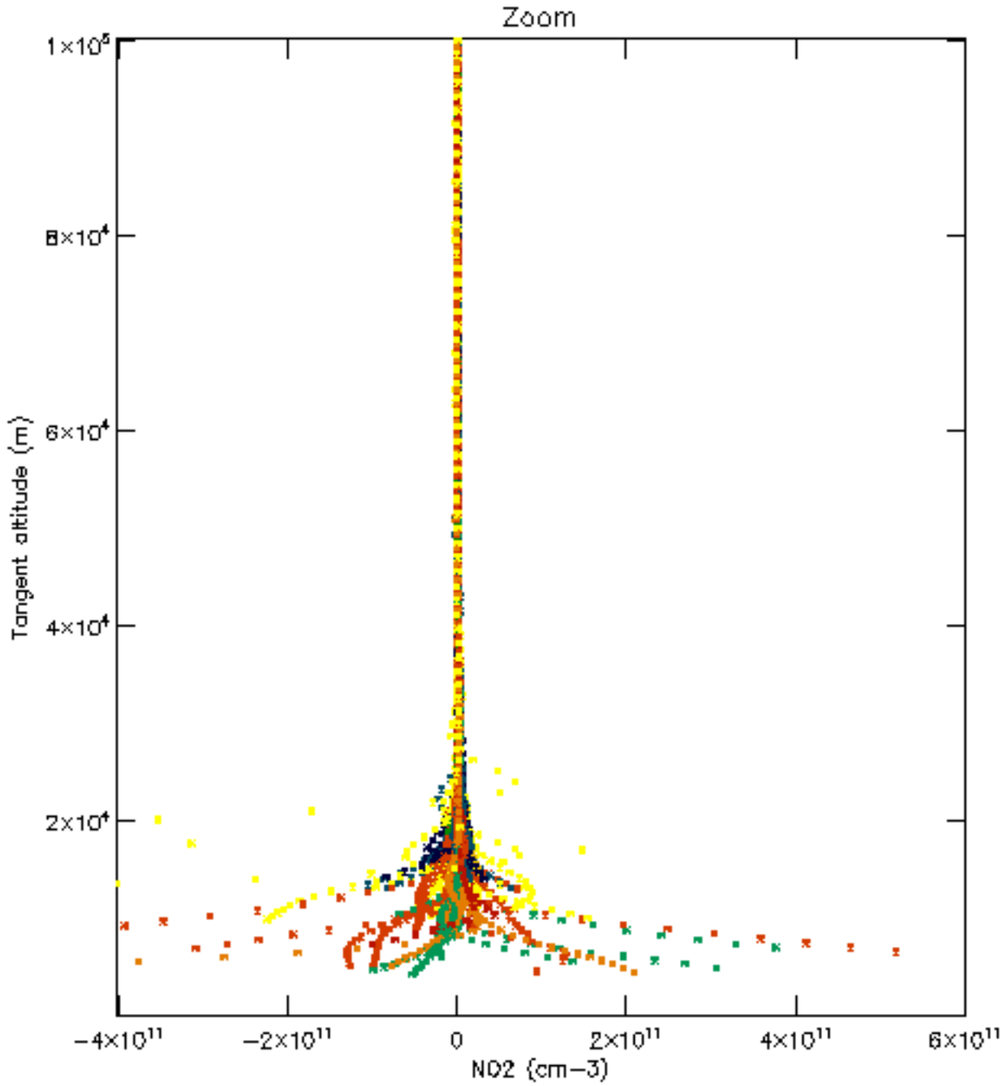


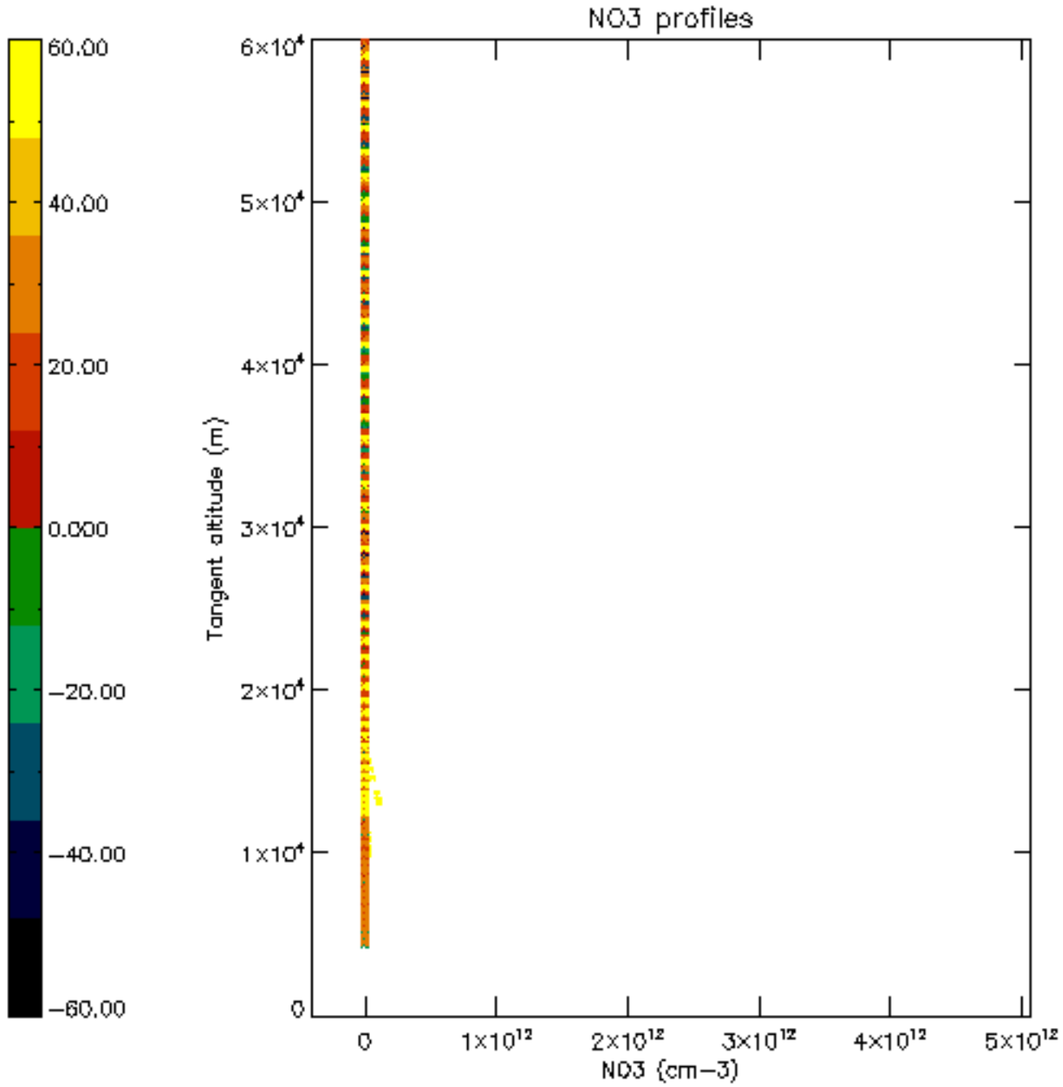

Ozone profiles
60.00
40.00
20.00
0.000
−20.00
−40.00
−60.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m
−2×10¹² 0 2×10¹² 4×10¹³ 6×10¹³ 8×10¹²
Ozone (cm−3)

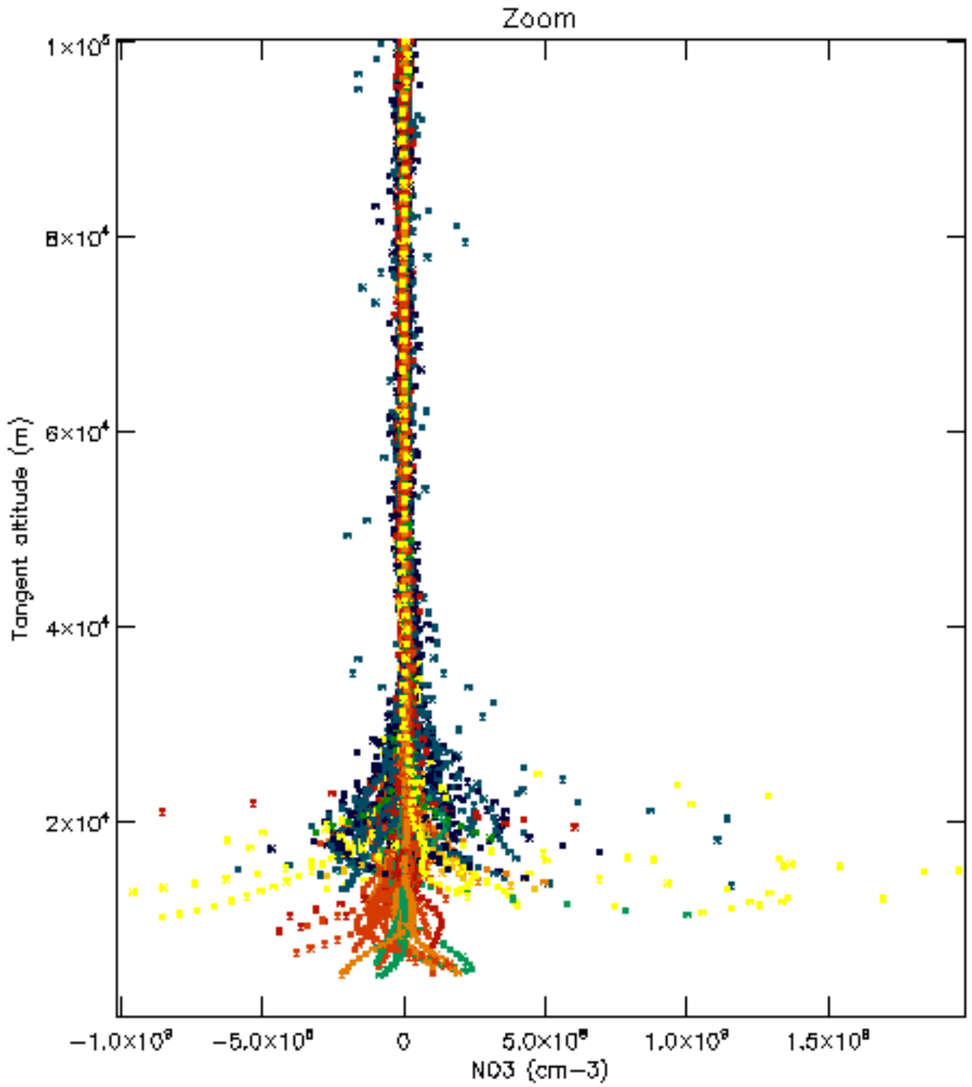

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m
0 1×10¹² 2×10¹² 3×10¹² 4×10¹² 5×10¹²
Ozone (cm−3)

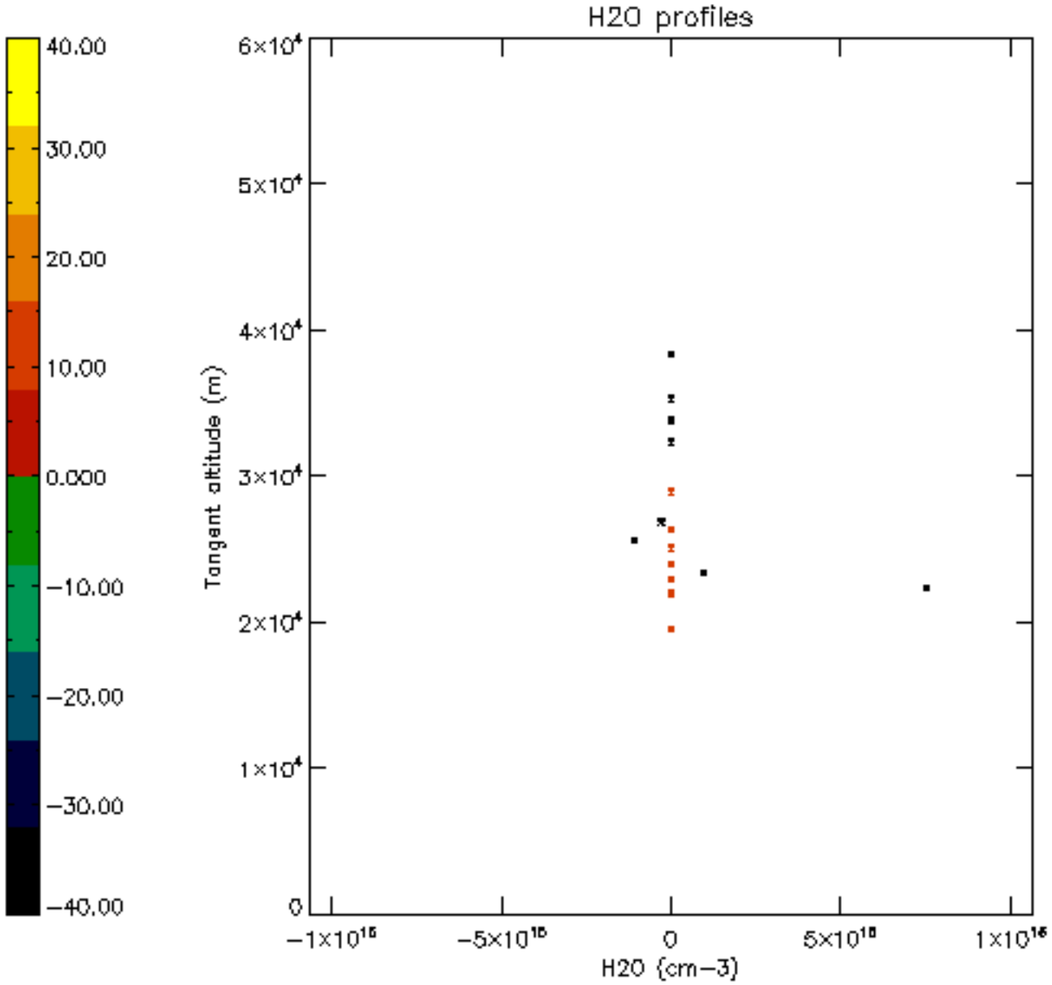

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m
10⁷ 10⁸ 10⁹ 10¹⁰
Ozone (cm−3) log scale

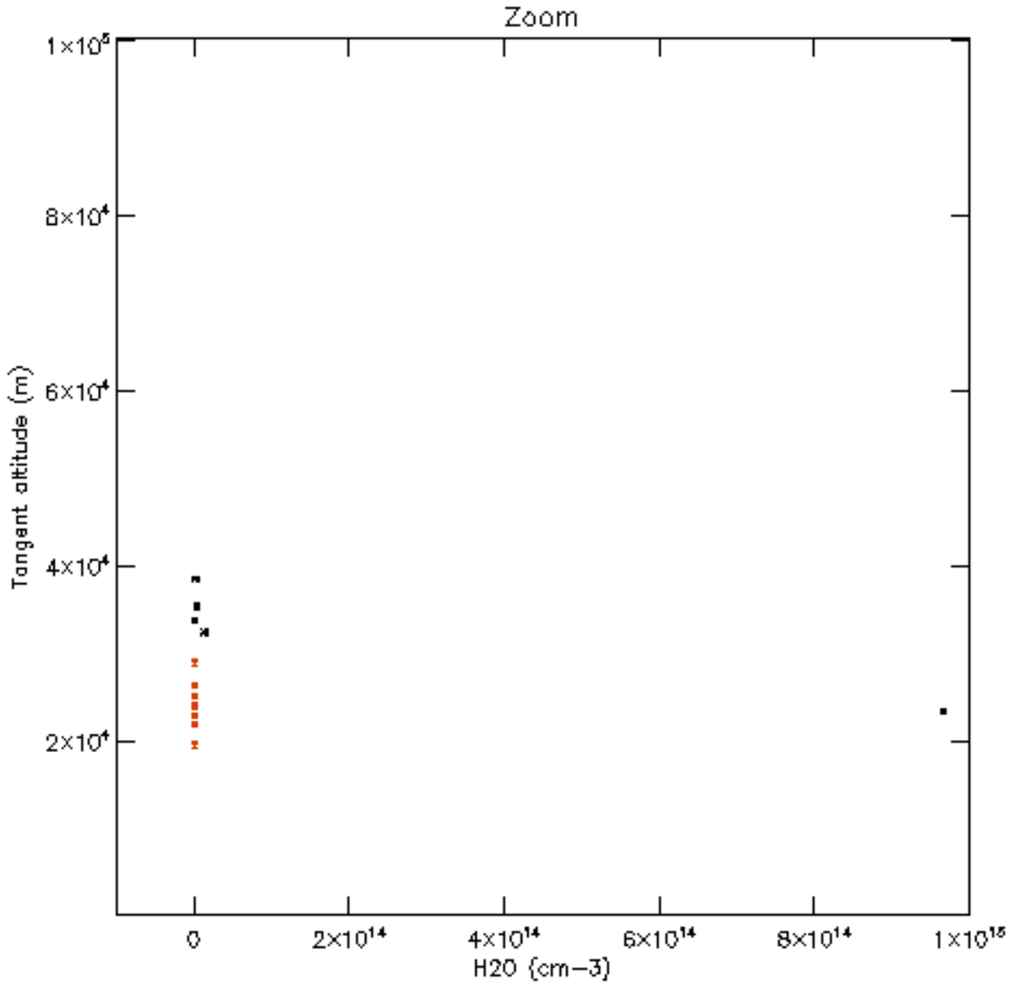

NO2 profiles
60.00
40.00
20.00
0.000
−20.00
−40.00
−60.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
2×10¹²
4×10¹²
6×10¹²
8×10¹²
1×10¹³
NO2 (cm−3)

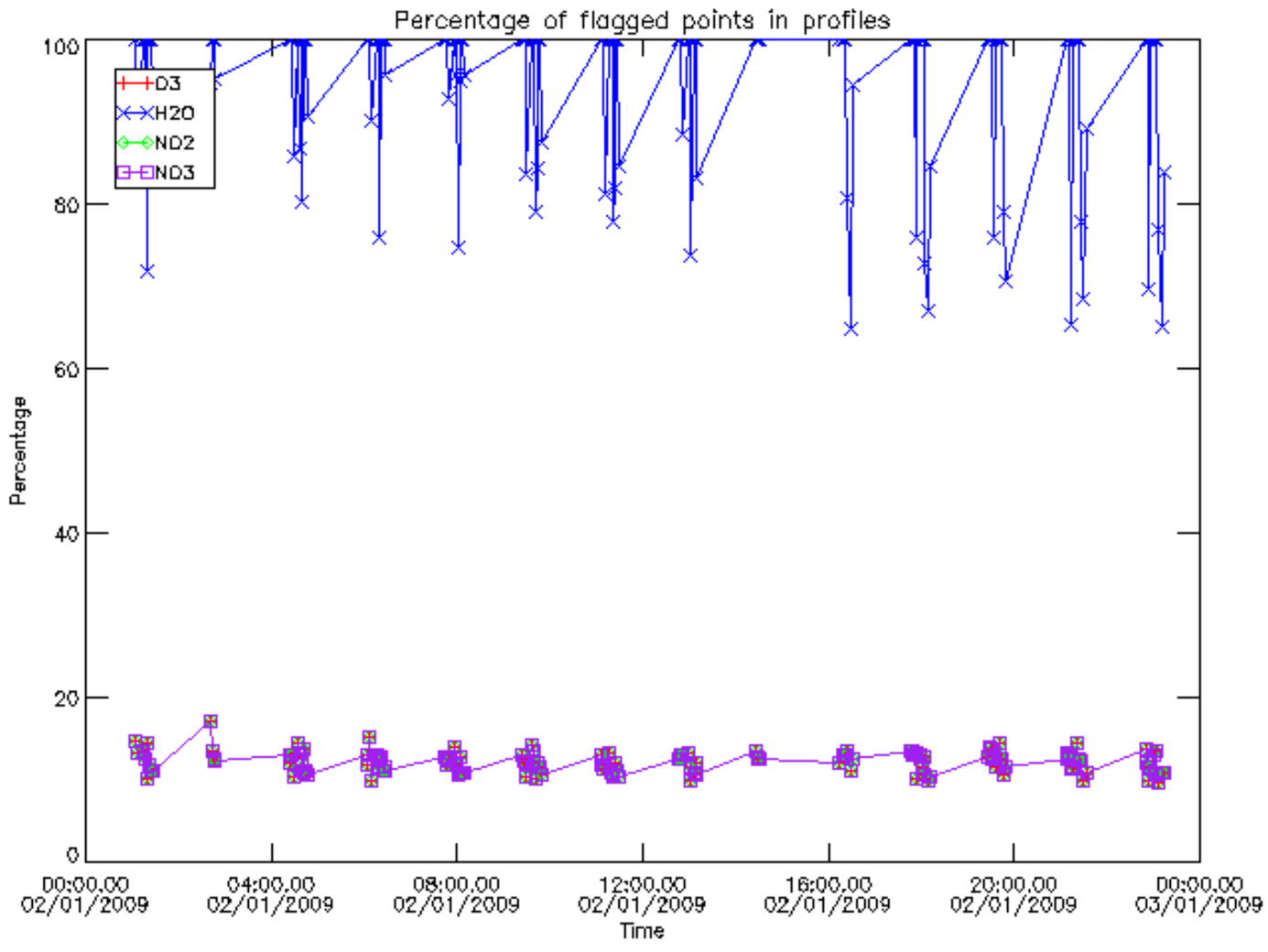

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
−4×10¹¹
−2×10¹¹
0
2×10¹¹
4×10¹¹
6×10¹¹
NO2 (cm−3)

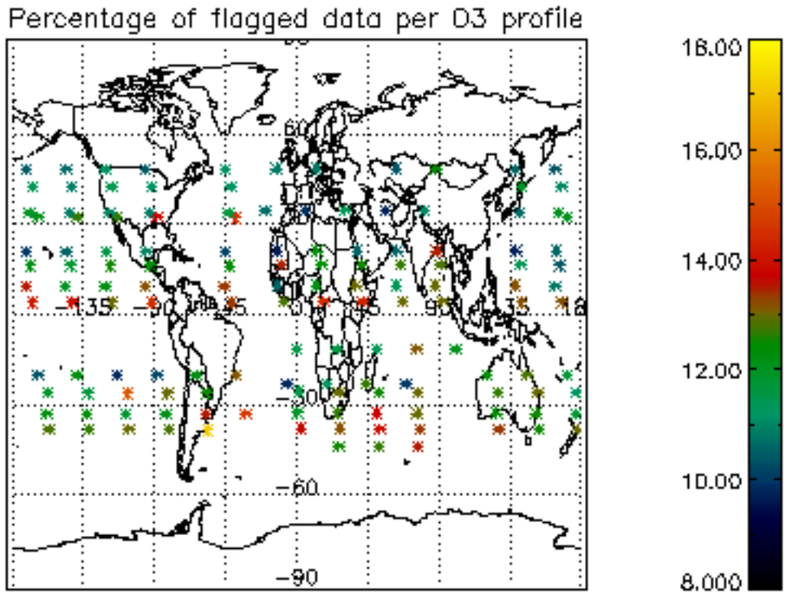

NO3 profiles
60.00
40.00
20.00
0.000
−20.00
−40.00
−60.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
NO3 (cm−3)

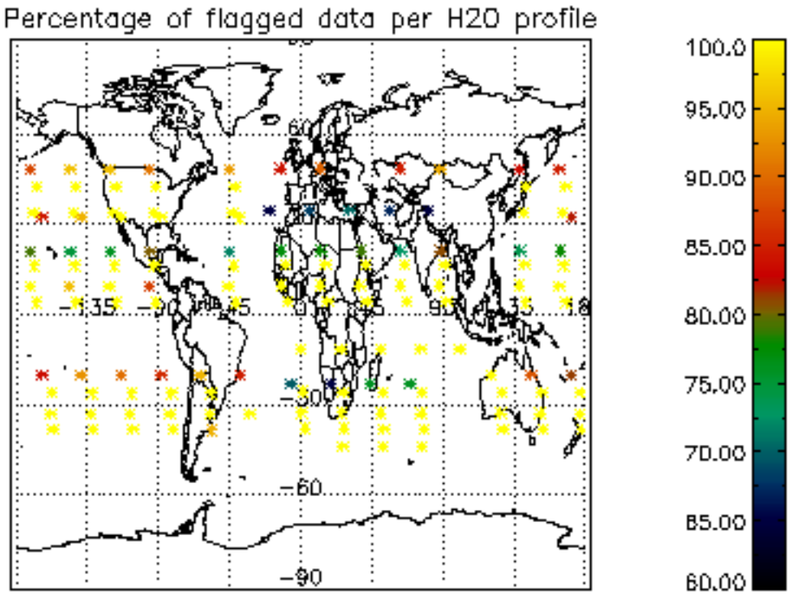

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
−1.0×10⁹
−5.0×10⁸
0
5.0×10⁸
1.0×10⁹
1.5×10⁹
NO3 (cm−3)

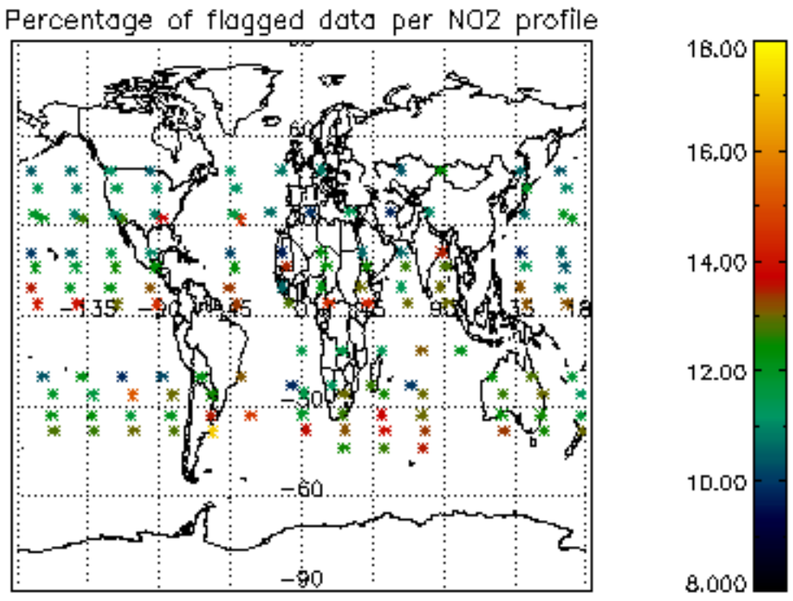

H2O profiles
40.00
30.00
20.00
10.00
0.000
−10.00
−20.00
−30.00
−40.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−1×10¹⁶
−5×10¹⁵
0
5×10¹⁵
1×10¹⁶
H2O (cm−3)

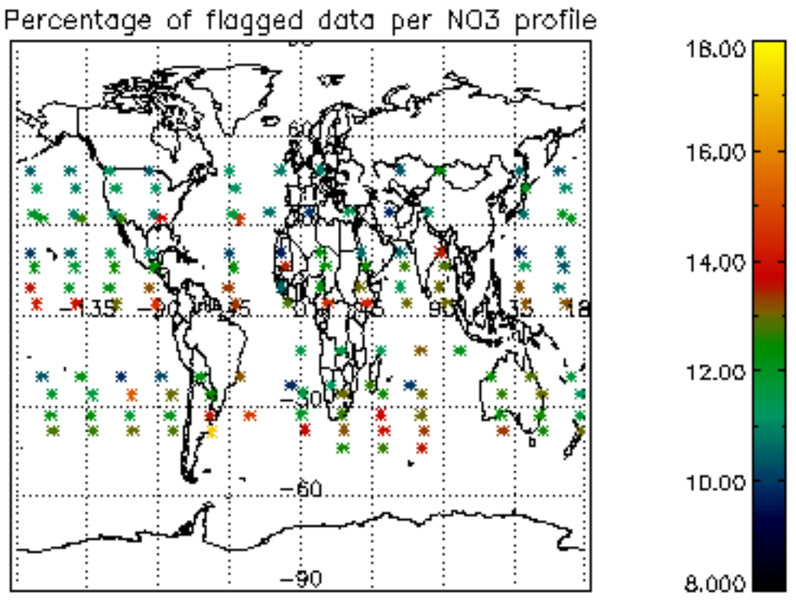

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
2×10¹⁴
4×10¹⁴
6×10¹⁴
8×10¹⁴
1×10¹⁵
H2O (cm−3)

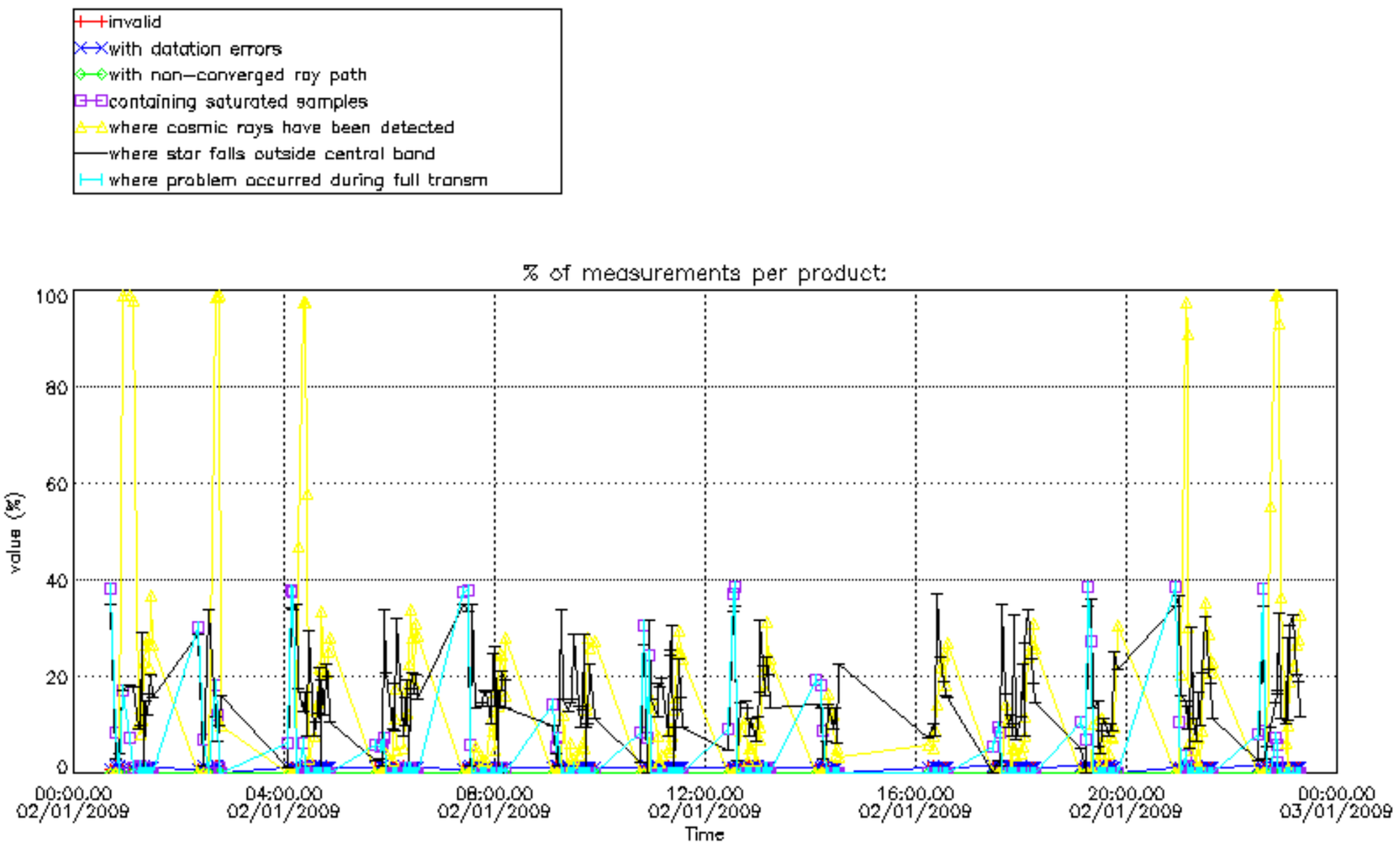

Percentage of flagged points in profiles
O3
H2O
NO2
NO3
100
80
60
40
20
0
Percentage
00:00.00
02/01/2009
04:00.00
02/01/2009
08:00.00
02/01/2009
12:00.00
02/01/2009
16:00.00
02/01/2009
20:00.00
02/01/2009
00:00.00
03/01/2009
Time

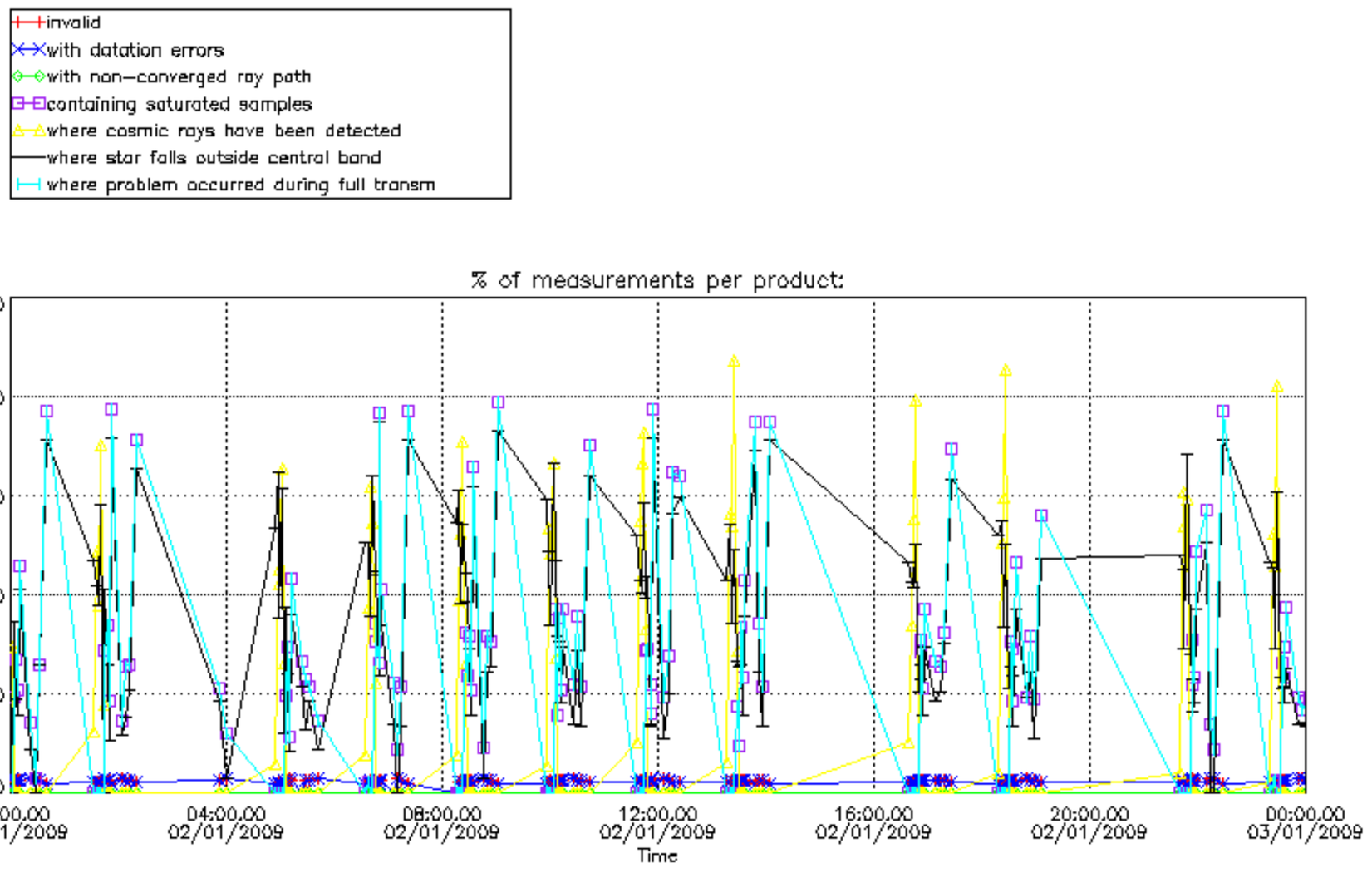

Percentage of flagged data per O3 profile
18.00
16.00
14.00
12.00
10.00
8.000
60
-60
-90

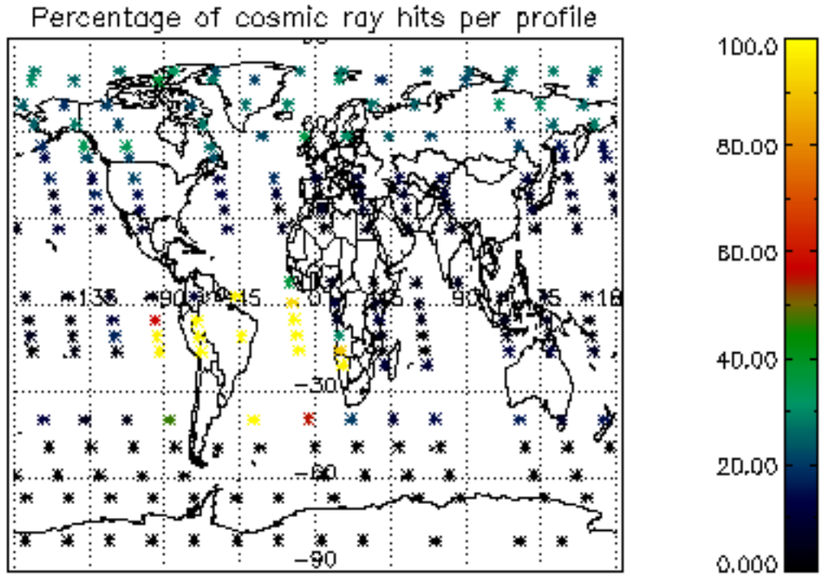

Percentage of flagged data per H2O profile
100.0
95.00
90.00
85.00
80.00
75.00
70.00
65.00
60.00
60
-60
-90

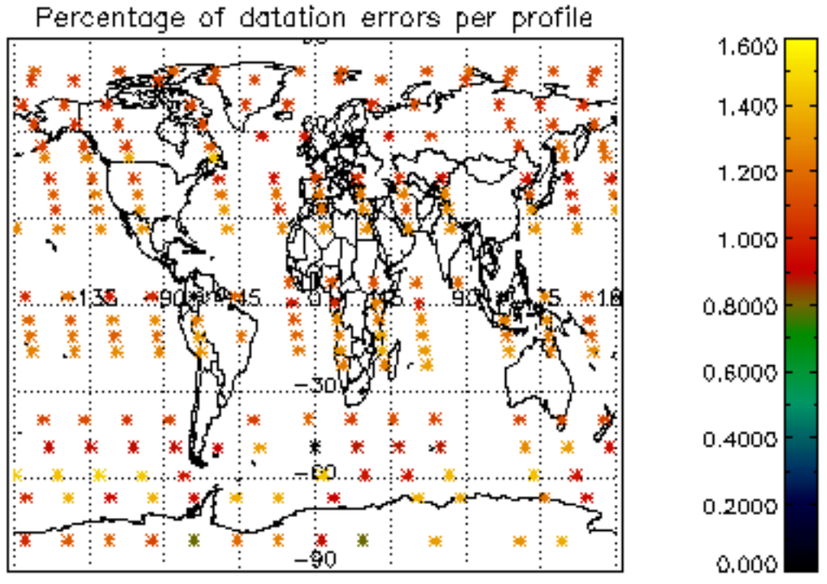

Percentage of flagged data per NO2 profile
18.00
16.00
14.00
12.00
10.00
8.000
60
-60
-90

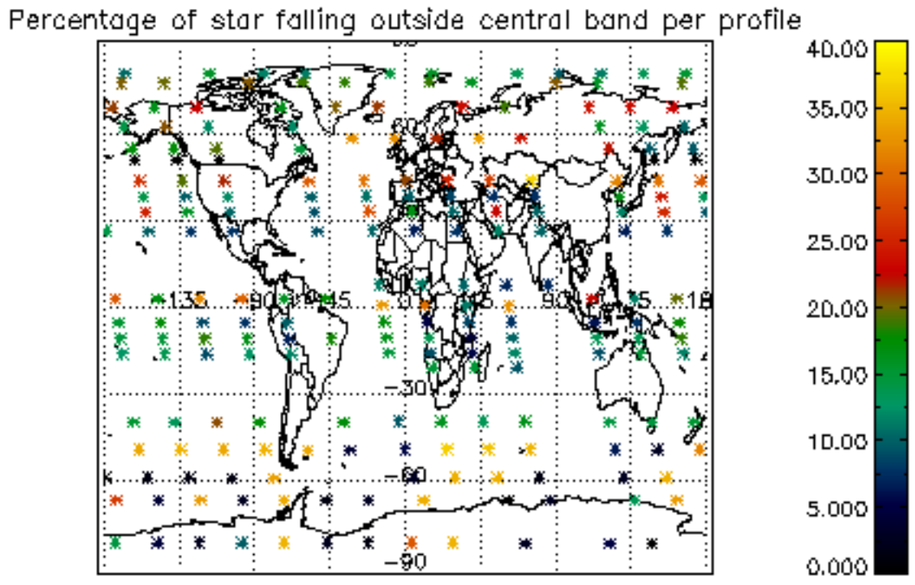

Percentage of flagged data per NO3 profile
18.00
16.00
14.00
12.00
10.00
8.000
60
-60
-90

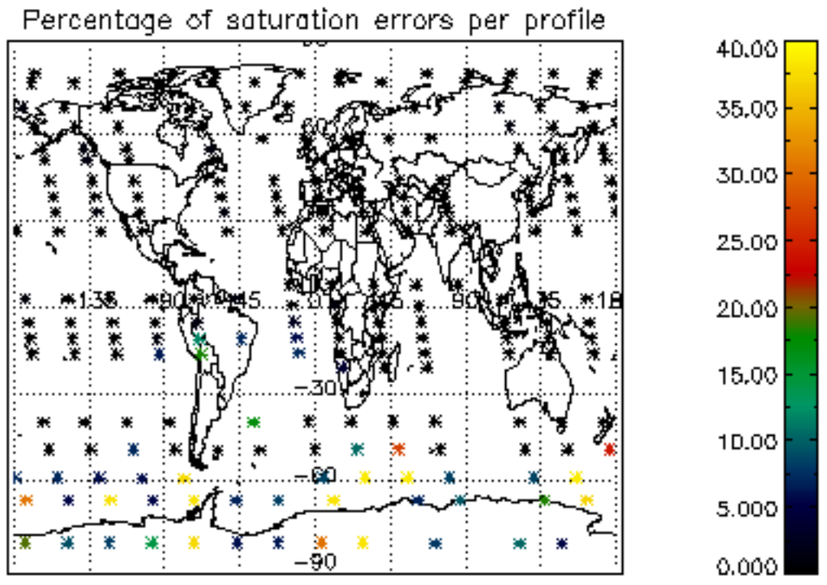

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
100
80
60
40
20
0
value (%)
00:00.00
02/01/2009
04:00.00
02/01/2009
08:00.00
02/01/2009
12:00.00
02/01/2009
16:00.00
02/01/2009
20:00.00
02/01/2009
00:00.00
03/01/2009
Time

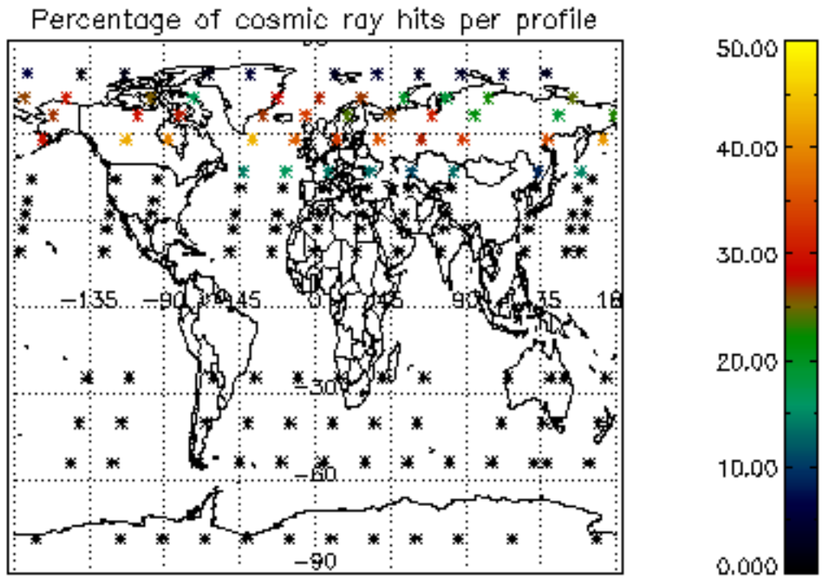

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
value (%)
0
10
20
30
40
50
00:00.00 02/01/2009
04:00.00 02/01/2009
08:00.00 02/01/2009
12:00.00 02/01/2009
16:00.00 02/01/2009
20:00.00 02/01/2009
00:00.00 03/01/2009
Time

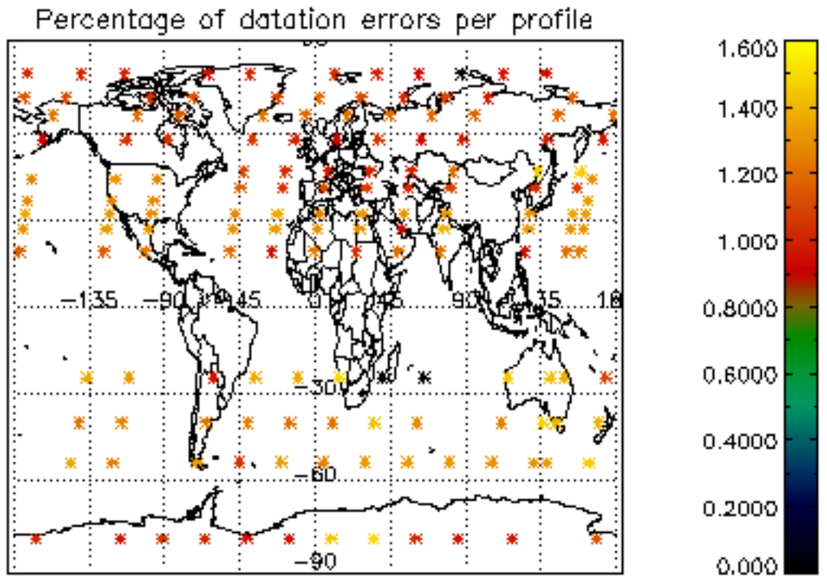

Percentage of cosmic ray hits per profile
100.0
80.00
60.00
40.00
20.00
0.000
-135
-90
-45
0
45
90
135
180
-30
-60
-90

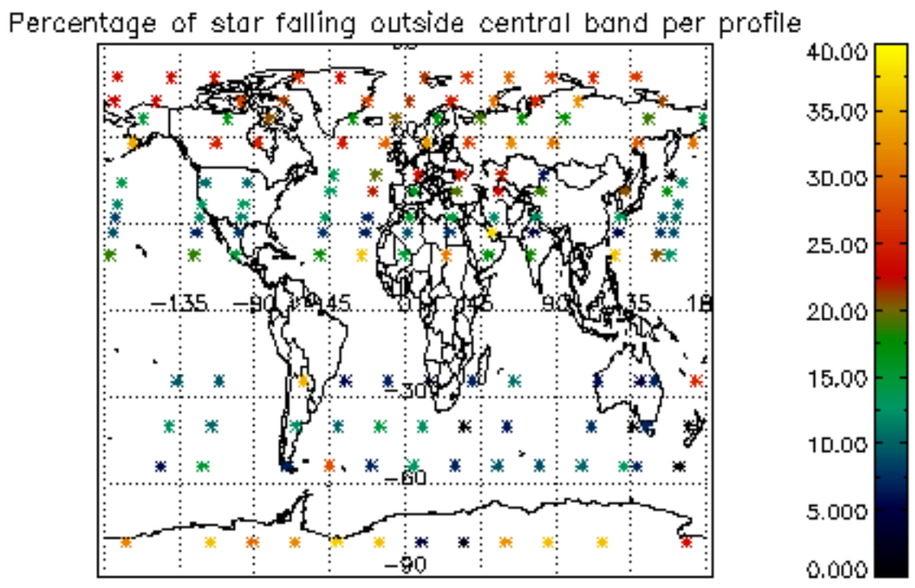

Percentage of datation errors per profile
1.600
1.400
1.200
1.000
0.8000
0.6000
0.4000
0.2000
0.000
-135
-90
-45
0
45
90
135
180
-30
-60
-90

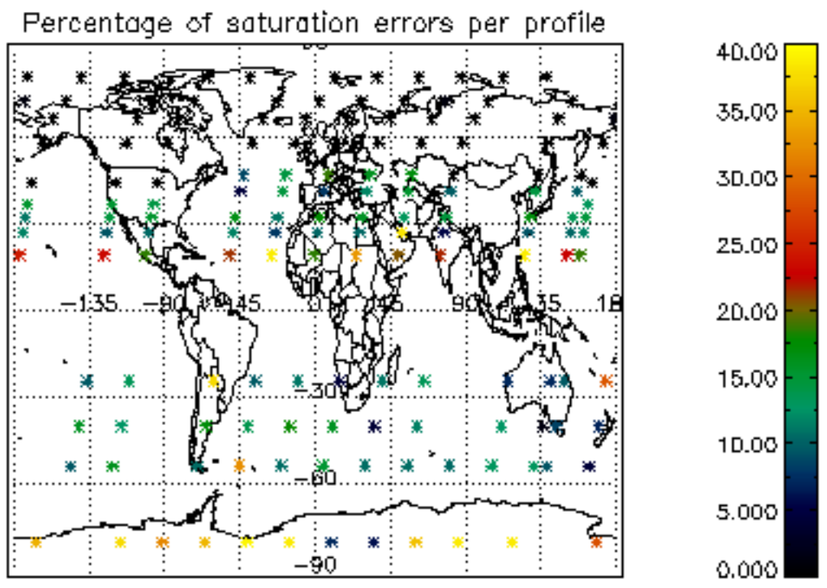

Percentage of star falling outside central band per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
-135
-90
-45
0
45
90
135
180
-30
-60
-90

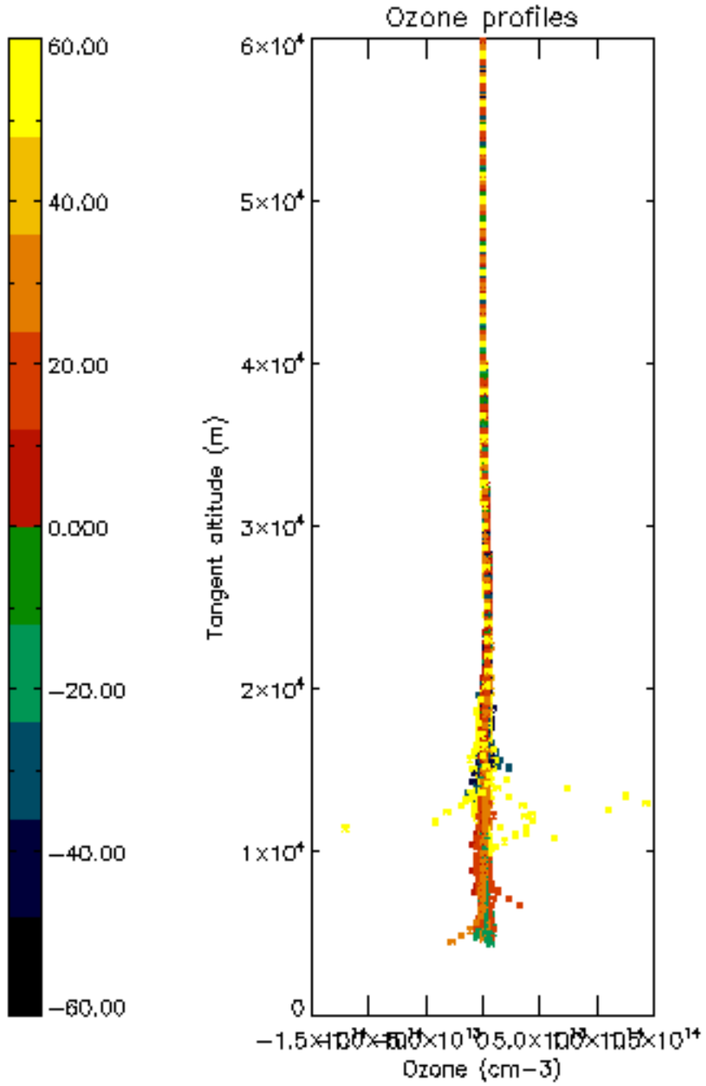

Percentage of saturation errors per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
-135
-90
-45
0
45
90
135
180
-30
-60
-90

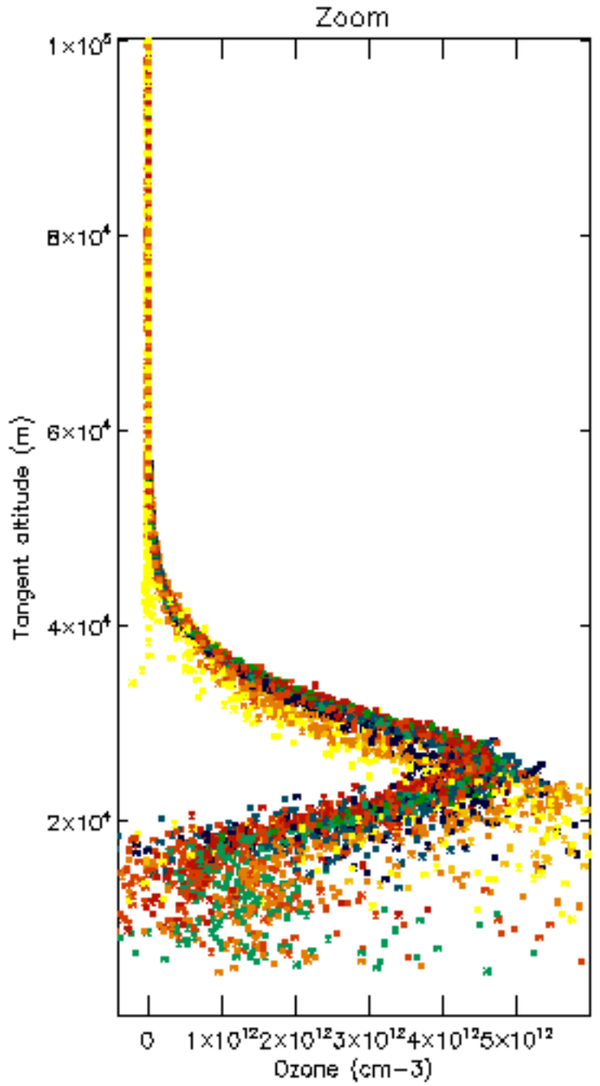

Percentage of cosmic ray hits per profile
50.00
40.00
30.00
20.00
10.00
0.000
−135
−90
−30
−60
−90

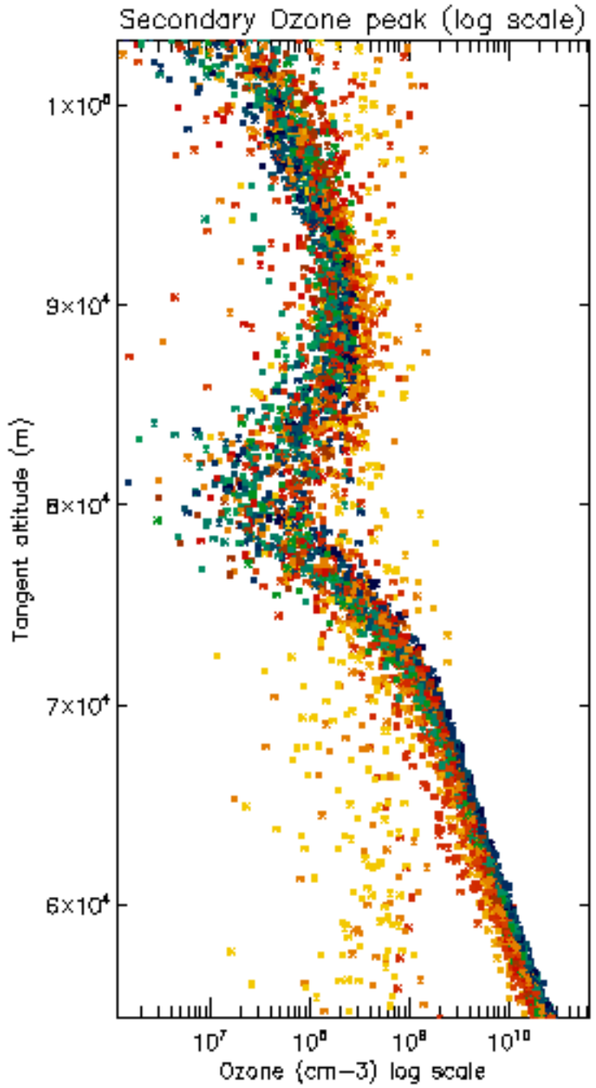

Percentage of datation errors per profile
1.600
1.400
1.200
1.000
0.8000
0.6000
0.4000
0.2000
0.000
−135
−90
−30
−60
−90

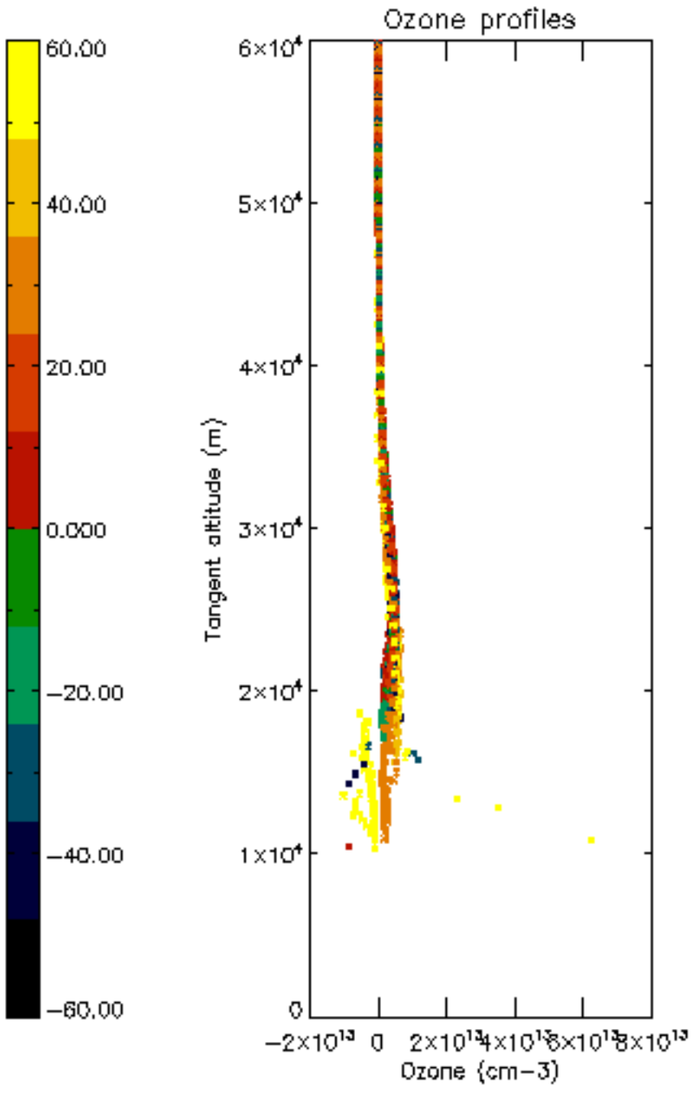

Percentage of star falling outside central band per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−30
−60
−90

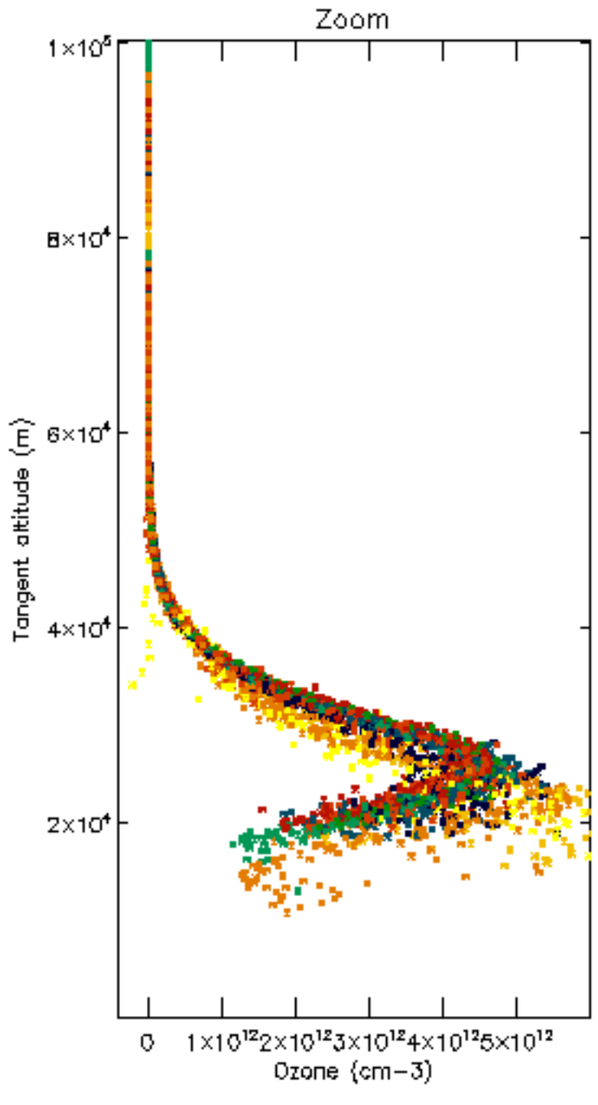

Percentage of saturation errors per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−30
−60
−90

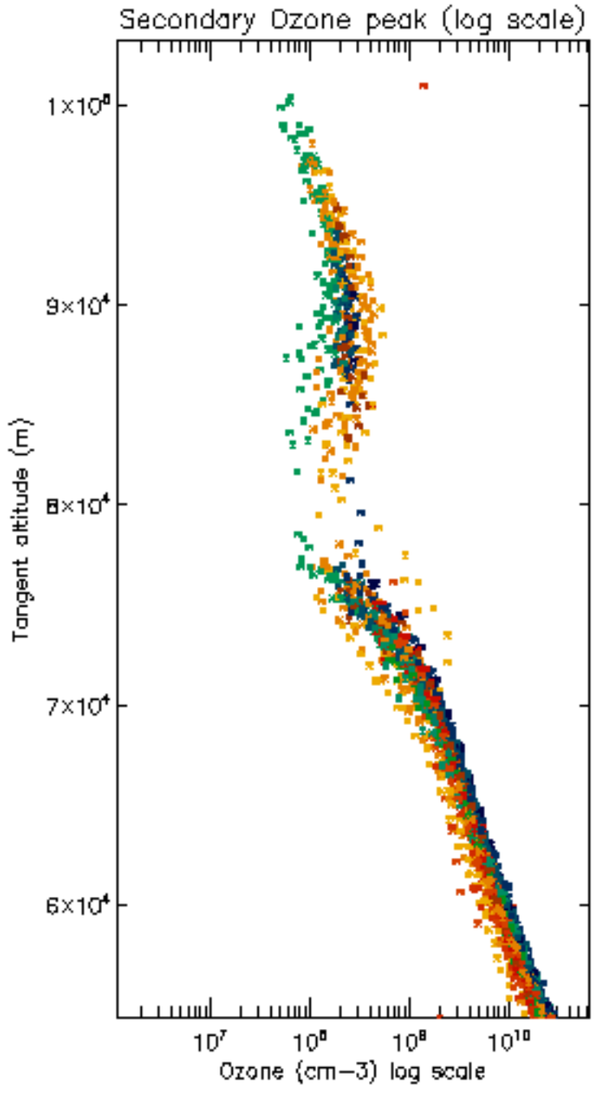

Ozone profiles
60.00
40.00
20.00
0.000
−20.00
−40.00
−60.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
Ozone (cm−3)

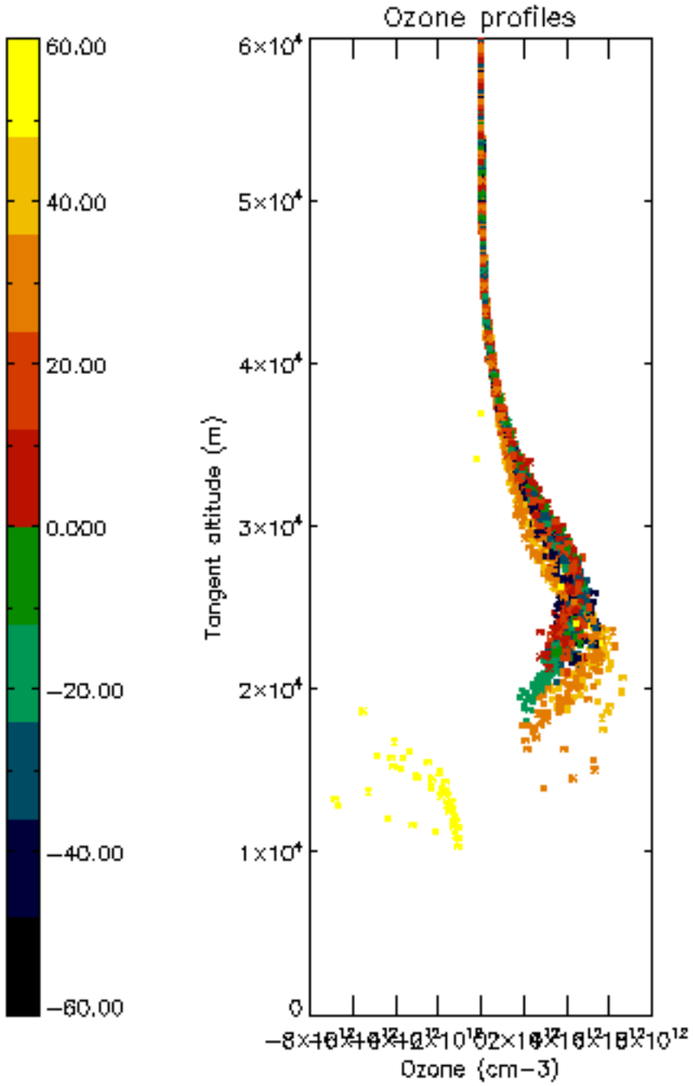

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)


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


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

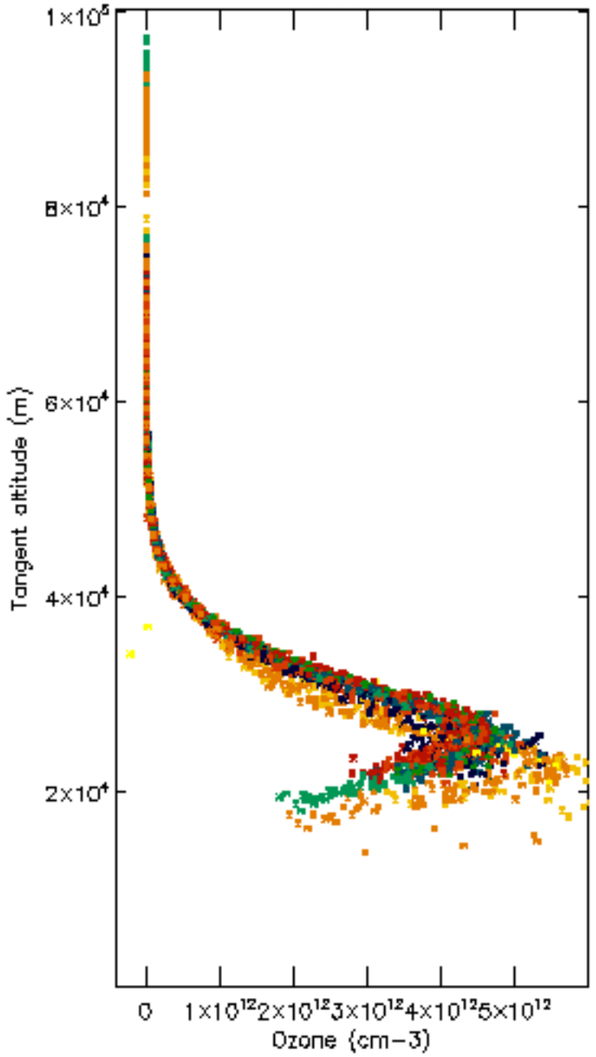

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)


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

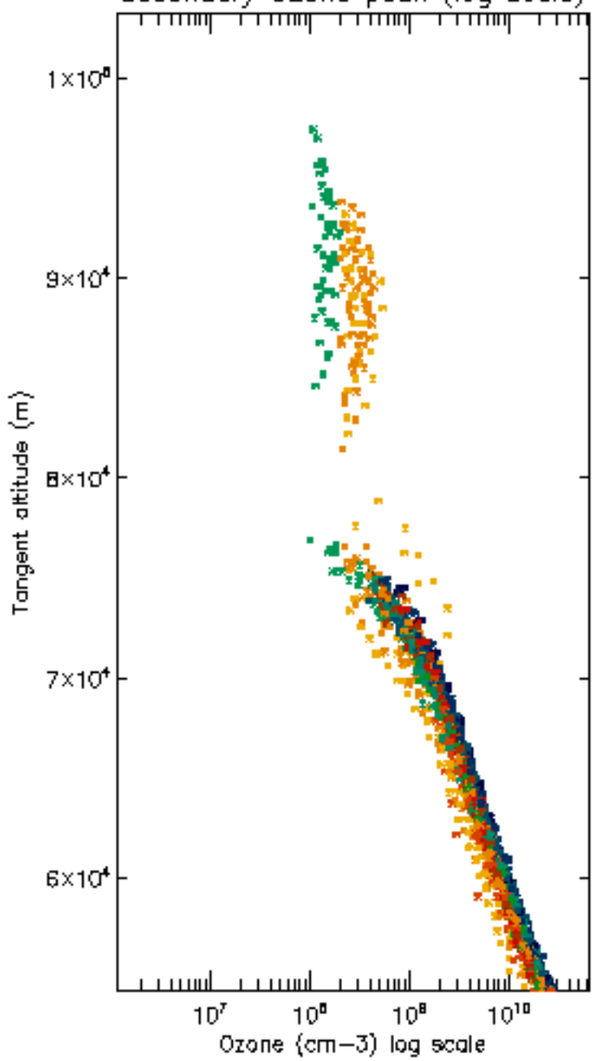


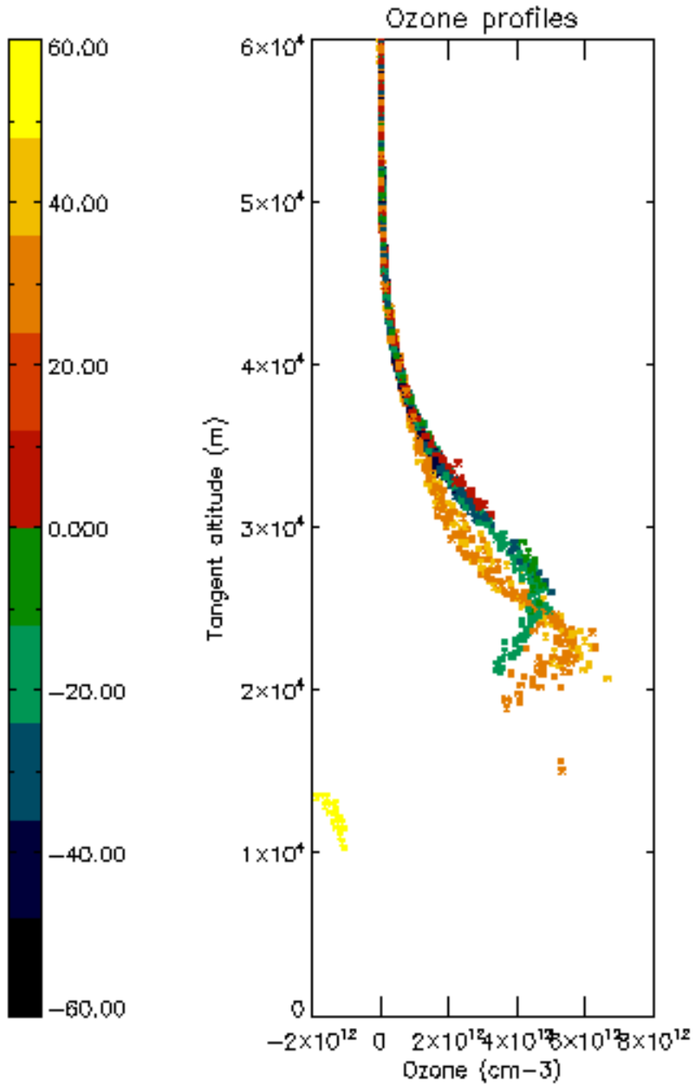
Ozone profiles

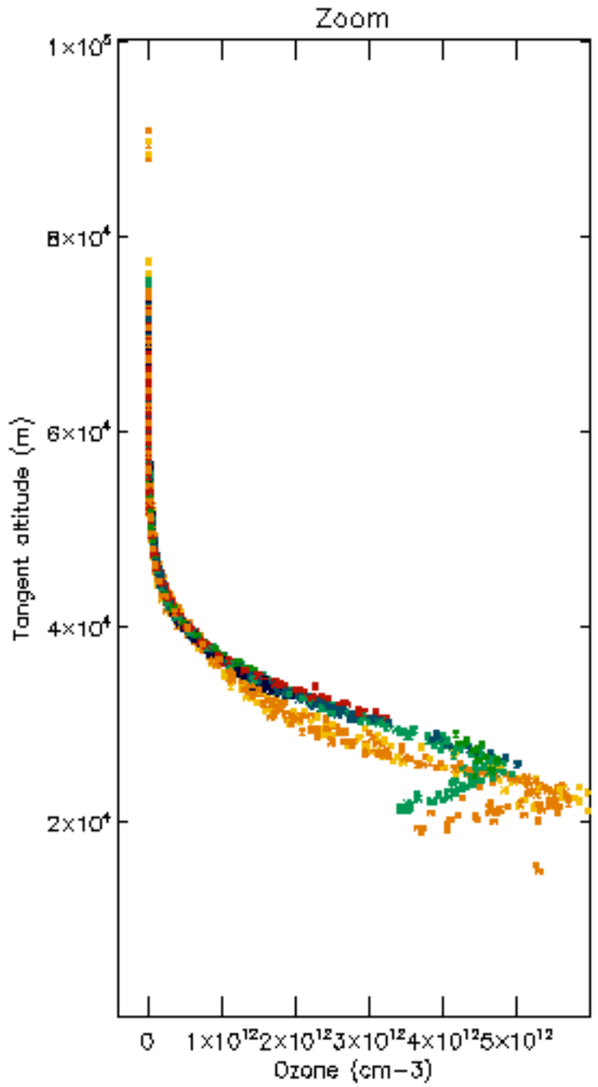
Zoom

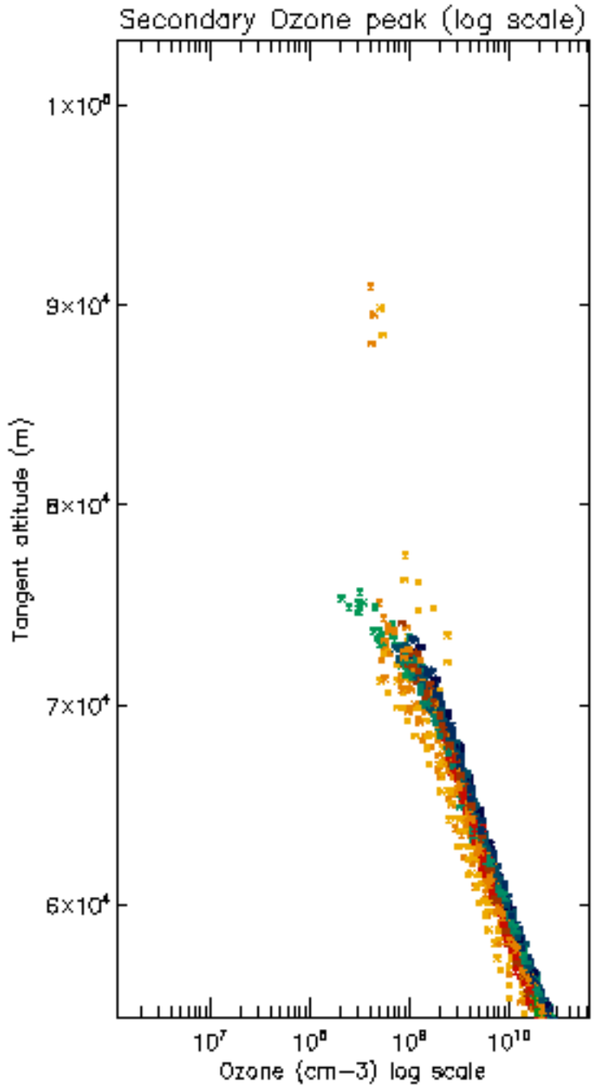


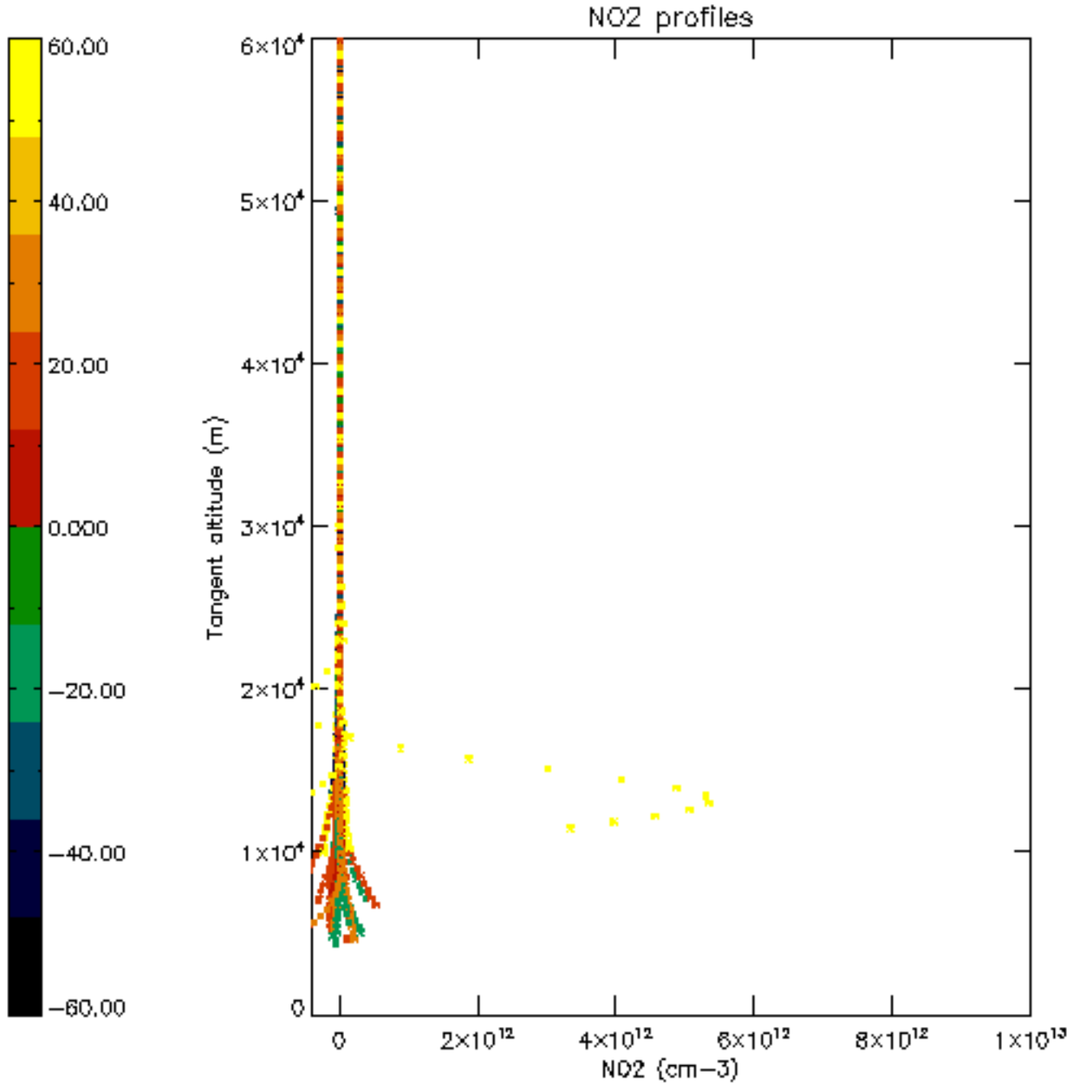
Secondary Ozone peak (log scale)

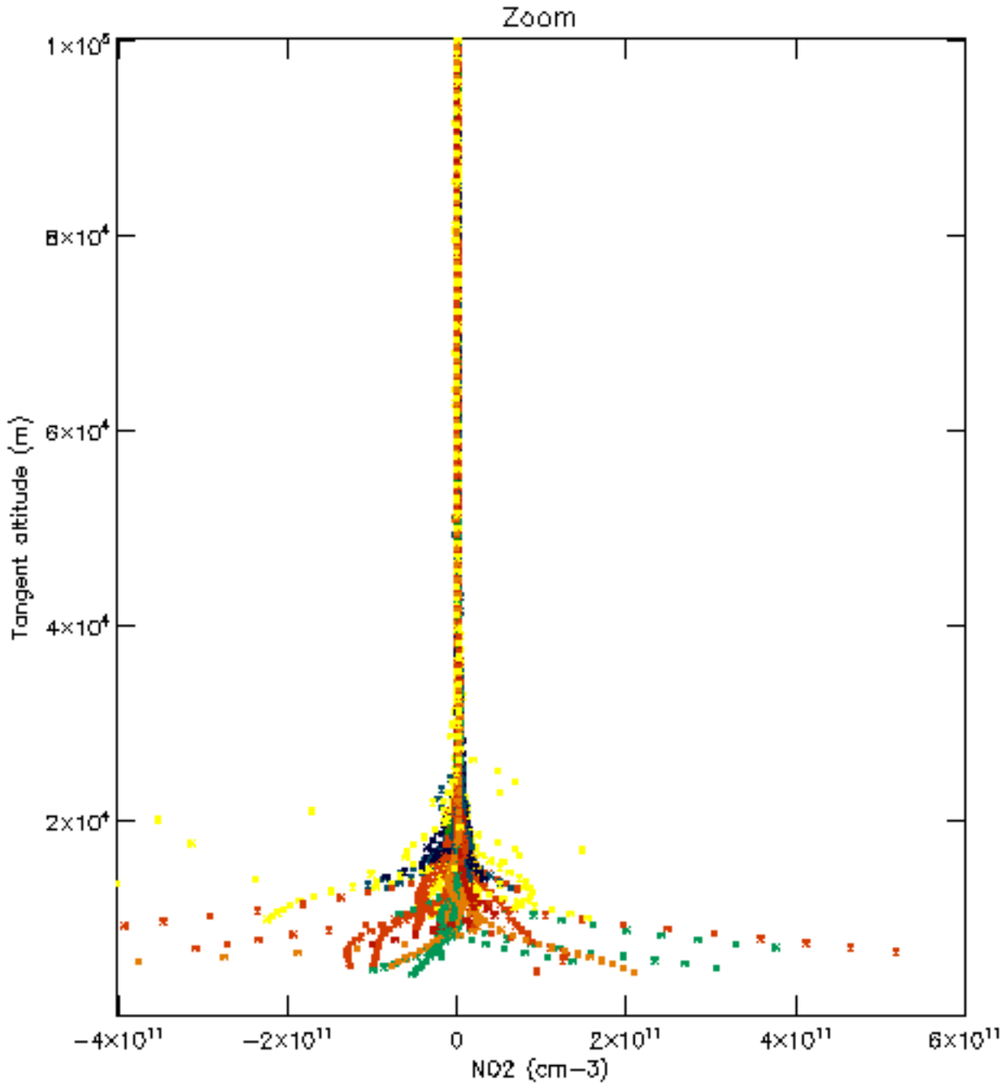


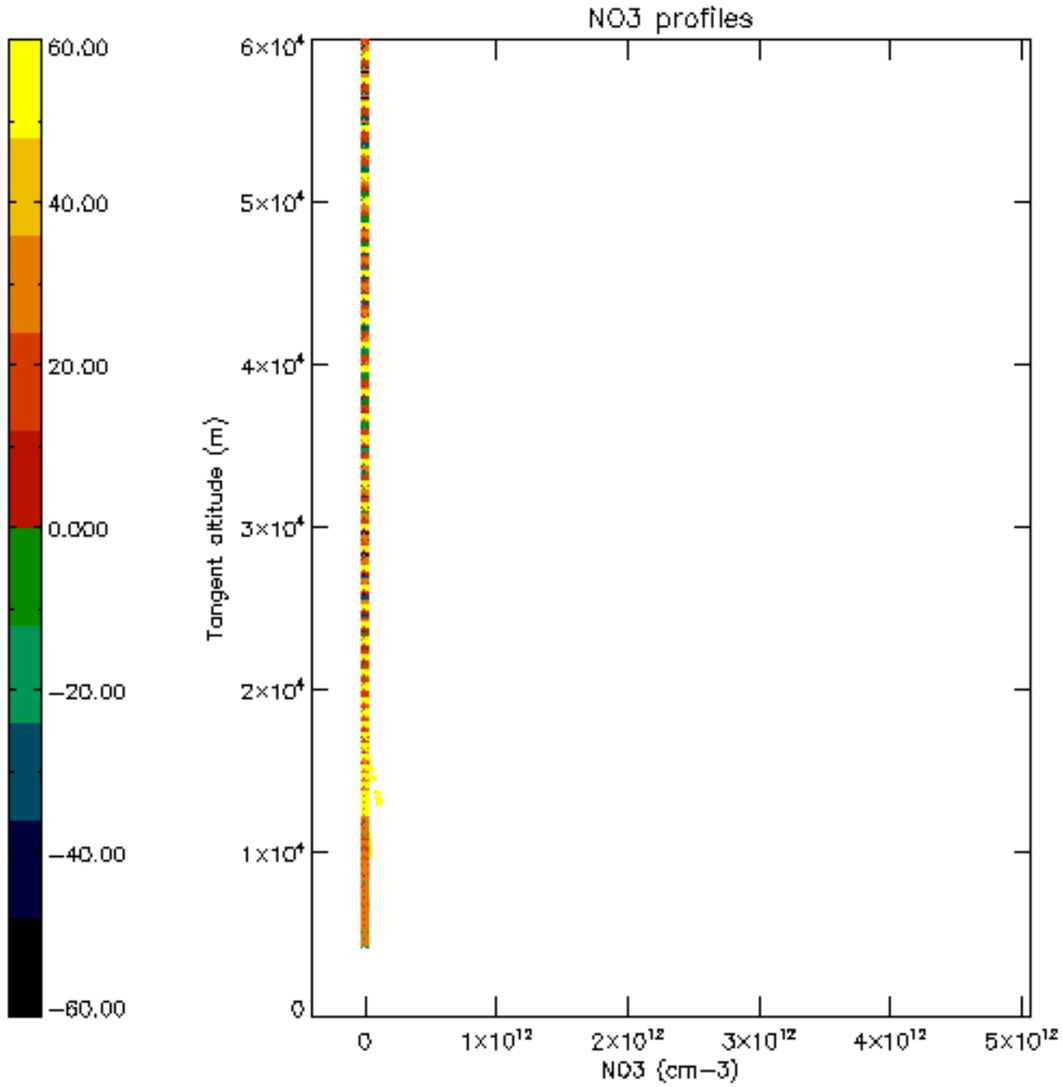

Ozone profiles
60.00
40.00
20.00
0.000
−20.00
−40.00
−60.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m
−2×10¹² 0 2×10¹² 4×10¹³ 6×10¹³ 8×10¹²
Ozone (cm−3)

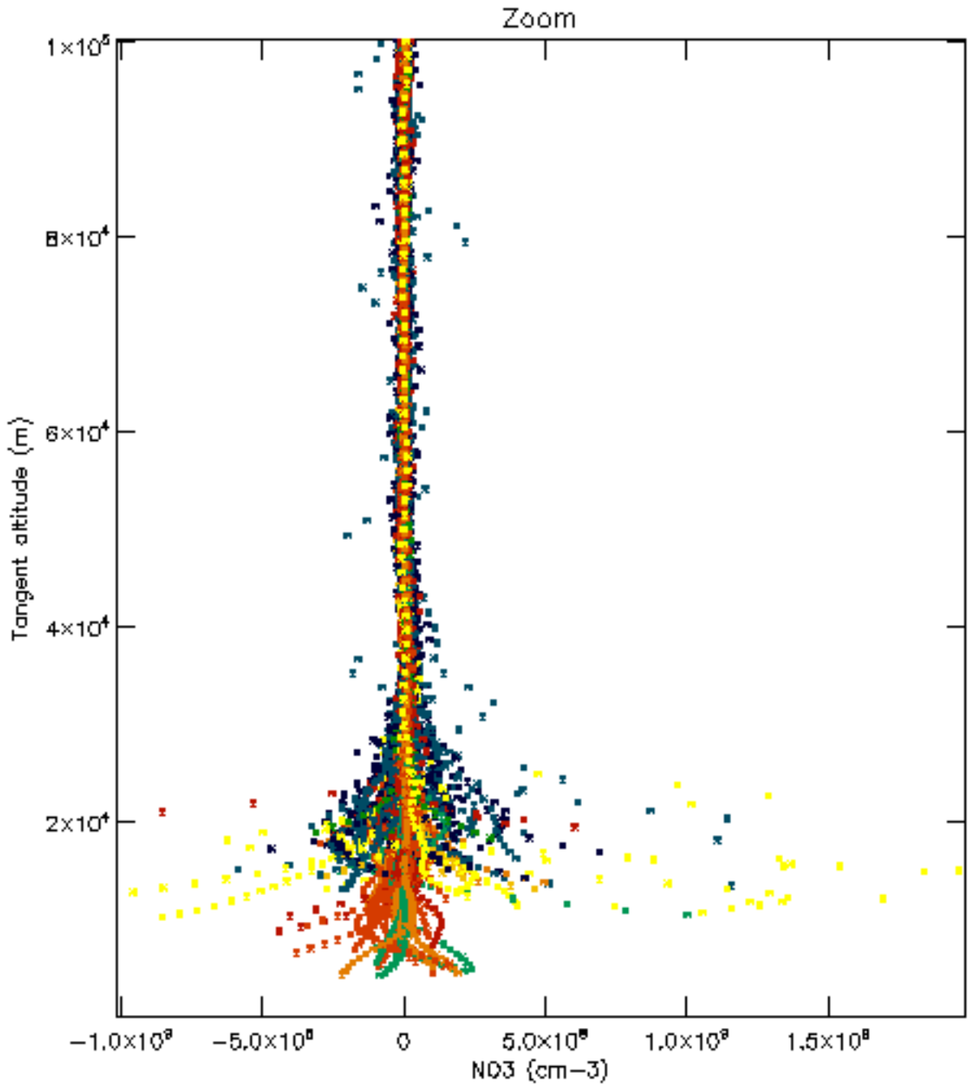

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m
0 1×10¹² 2×10¹² 3×10¹² 4×10¹² 5×10¹²
Ozone (cm−3)

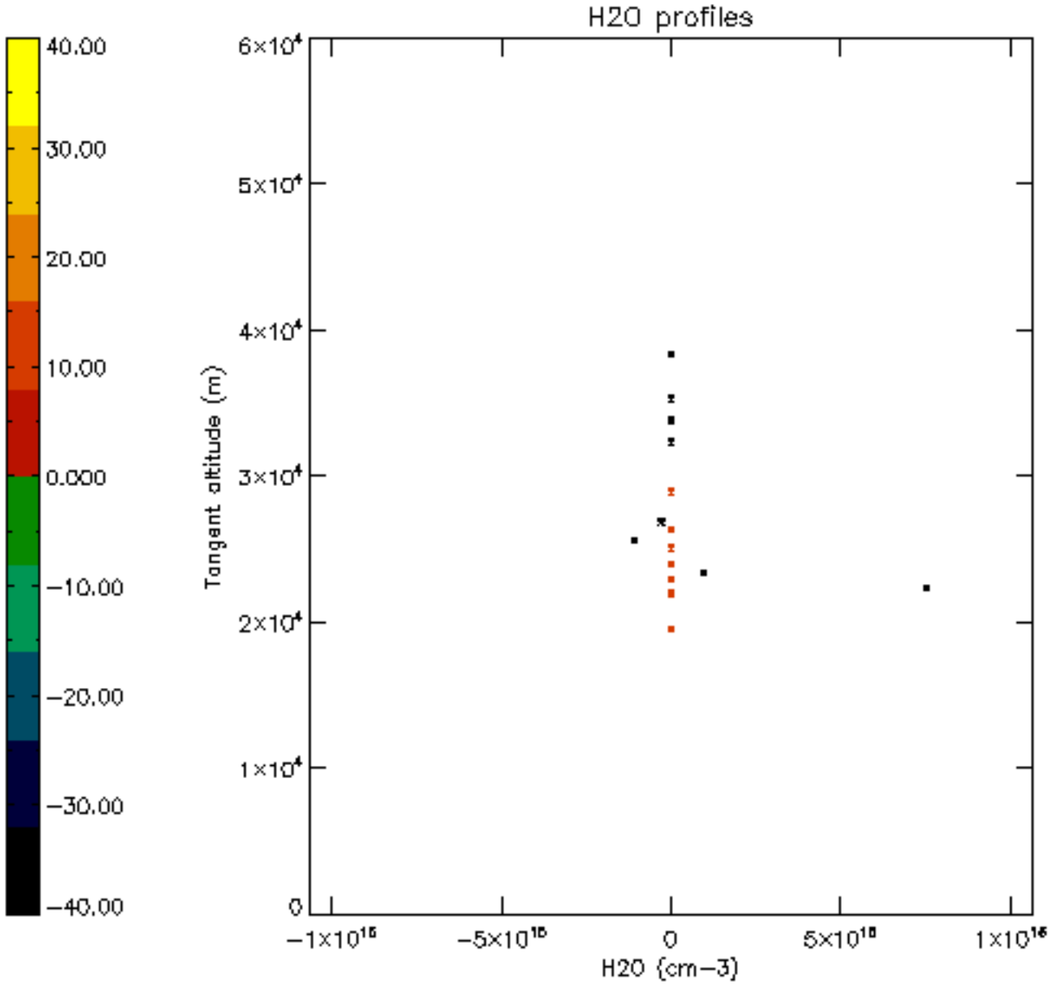

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m
10⁷ 10⁸ 10⁹ 10¹⁰
Ozone (cm−3) log scale

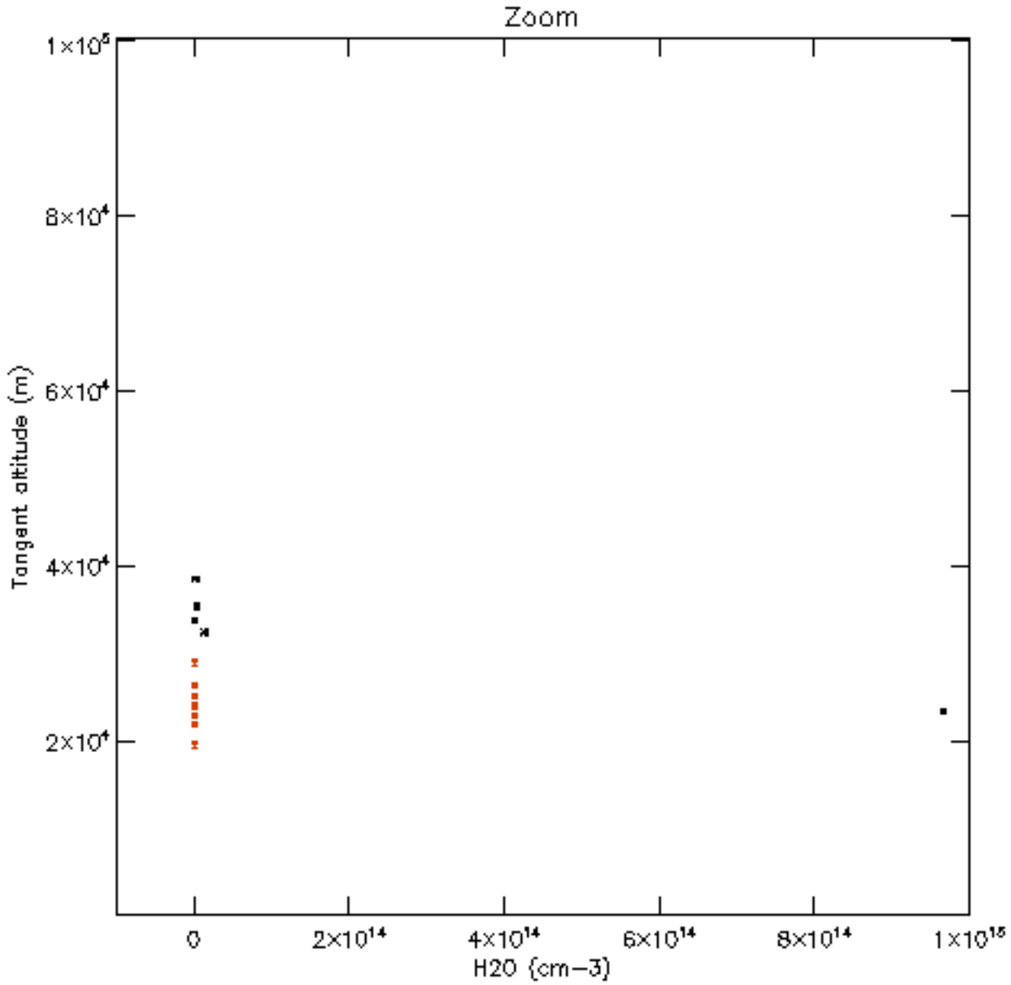

NO2 profiles
60.00
40.00
20.00
0.000
−20.00
−40.00
−60.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
2×10¹²
4×10¹²
6×10¹²
8×10¹²
1×10¹³
NO2 (cm−3)


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
40.00
30.00
20.00
10.00
0.000
−10.00
−20.00
−30.00
−40.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−1×10¹⁶
−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)