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	23APR2013 13:06:01
Data source version	GOMOS/6.01
Start time of products	05-12-2007 (05DEC2007 00:00:00)
Stop time of products	06-12-2007 (06DEC2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	310
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20071205_001150_000000462064_00016_30130_6400.N1	05-DEC-2007 00:11:50	Bright	45.500	36	50Alp UMa	1.8000	6300.0	91	30130	No
2	GOM_NL__2PRFIN20071205_001517_000000402064_00016_30130_6401.N1	05-DEC-2007 00:15:17	Bright	40.000	32	77Eps UMa	1.7630	11000.	80	30130	No
3	GOM_NL__2PRFIN20071205_001728_000000372064_00016_30130_6402.N1	05-DEC-2007 00:17:28	Bright	36.500	39	85Eta UMa	1.8540	24000.	73	30130	No
4	GOM_NL__2PRFIN20071205_002058_000000402064_00016_30130_6403.N1	05-DEC-2007 00:20:58	Bright	39.500	152	12Alp2CVn	2.8900	11000.	79	30130	No
5	GOM_NL__2PRFIN20071205_002633_000000352064_00016_30130_6404.N1	05-DEC-2007 00:26:33	Bright	35.000	111	8Eta Boo	2.6800	6000.0	70	30130	No
6	GOM_NL__2PRFIN20071205_002948_000000422064_00016_30130_6405.N1	05-DEC-2007 00:29:48	Bright	41.500	138	47Eps Vir	2.8280	4700.0	83	30130	No
7	GOM_NL__2PRFIN20071205_003419_000000472064_00016_30130_6406.N1	05-DEC-2007 00:34:19	Bright	46.500	121	29Gam Vir	2.7400	7200.0	93	30130	No
8	GOM_NL__2PRFIN20071205_004010_000000452064_00016_30130_6407.N1	05-DEC-2007 00:40:10	Dark	45.000	100	4Gam Crv	2.5800	13100.	90	30130	No
9	GOM_NL__2PRFIN20071205_004147_000000502064_00016_30130_6408.N1	05-DEC-2007 00:41:47	Dark	49.500	171	2Eps Crv	3.0010	4250.0	99	30130	No
10	GOM_NL__2PRFIN20071205_005112_000000522064_00017_30131_6404.N1	05-DEC-2007 00:51:12	Dark	52.000	113	Mu Vel	2.6920	5000.0	104	30131	No
11	GOM_NL__2PRFIN20071205_005952_000000502064_00017_30131_6405.N1	05-DEC-2007 00:59:52	Dark	49.500	34	Gam2Vel	1.7930	23000.	99	30131	No
12	GOM_NL__2PRFIN20071205_010256_000000572064_00017_30131_6406.N1	05-DEC-2007 01:02:56	Dark	57.000	2	Alp Car	-0.73600	7000.0	114	30131	No
13	GOM_NL__2PRFIN20071205_010916_000000442064_00017_30131_6407.N1	05-DEC-2007 01:09:16	Dark	44.000	108	Alp Col	2.6520	15200.	88	30131	No
14	GOM_NL__2PRFIN20071205_011446_000000482064_00017_30131_6408.N1	05-DEC-2007 01:14:46	Straylight	48.000	101	11Alp Lep	2.5820	7000.0	96	30131	No
15	GOM_NL__2PRFIN20071205_011648_000000442064_00017_30131_6409.N1	05-DEC-2007 01:16:48	Straylight	44.000	165	34Gam Eri	2.9500	3200.0	88	30131	No
16	GOM_NL__2PRFIN20071205_011813_000000592064_00017_30131_6410.N1	05-DEC-2007 01:18:13	Straylight	58.500	7	19Bet Ori	0.10000	14000.	117	30131	No
17	GOM_NL__2PRFIN20071205_012600_000000602064_00017_30131_6411.N1	05-DEC-2007 01:26:00	Bright	60.000	13	87Alp Tau	0.86700	3800.0	120	30131	No
18	GOM_NL__2PRFIN20071205_012746_000000372064_00017_30131_6412.N1	05-DEC-2007 01:27:46	Bright	37.000	146	25Eta Tau	2.8730	15200.	74	30131	No
19	GOM_NL__2PRFIN20071205_013004_000000382064_00017_30131_6413.N1	05-DEC-2007 01:30:04	Bright	38.000	150	44Zet Per	2.8900	28000.	76	30131	No
20	GOM_NL__2PRFIN20071205_013228_000000372064_00017_30131_6414.N1	05-DEC-2007 01:32:28	Bright	36.500	149	45Eps Per	2.8880	30000.	73	30131	No
21	GOM_NL__2PRFIN20071205_013433_000000352064_00017_30131_6415.N1	05-DEC-2007 01:34:33	Bright	35.000	175	39Del Per	3.0100	19400.	70	30131	No
22	GOM_NL__2PRFIN20071205_013600_000000482064_00017_30131_6416.N1	05-DEC-2007 01:36:00	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	30131	No
23	GOM_NL__2PRFIN20071205_015226_000000462064_00017_30131_6417.N1	05-DEC-2007 01:52:26	Bright	45.500	36	50Alp UMa	1.8000	6300.0	91	30131	No
24	GOM_NL__2PRFIN20071205_015553_000000412064_00017_30131_6418.N1	05-DEC-2007 01:55:53	Bright	40.500	32	77Eps UMa	1.7630	11000.	81	30131	No
25	GOM_NL__2PRFIN20071205_015804_000000372064_00017_30131_6419.N1	05-DEC-2007 01:58:04	Bright	36.500	39	85Eta UMa	1.8540	24000.	73	30131	No
26	GOM_NL__2PRFIN20071205_020134_000000392064_00017_30131_6420.N1	05-DEC-2007 02:01:34	Bright	38.500	152	12Alp2CVn	2.8900	11000.	77	30131	No
27	GOM_NL__2PRFIN20071205_020709_000000352064_00017_30131_6421.N1	05-DEC-2007 02:07:09	Bright	34.500	111	8Eta Boo	2.6800	6000.0	69	30131	No
28	GOM_NL__2PRFIN20071205_021024_000000612064_00017_30131_6422.N1	05-DEC-2007 02:10:24	Bright	61.000	138	47Eps Vir	2.8280	4700.0	122	30131	No
29	GOM_NL__2PRFIN20071205_021456_000000472064_00017_30131_6423.N1	05-DEC-2007 02:14:56	Bright	46.500	121	29Gam Vir	2.7400	7200.0	93	30131	No
30	GOM_NL__2PRFIN20071205_022047_000000492064_00017_30131_6424.N1	05-DEC-2007 02:20:47	Dark	49.000	100	4Gam Crv	2.5800	13100.	98	30131	No
31	GOM_NL__2PRFIN20071205_023148_000000452064_00018_30132_6412.N1	05-DEC-2007 02:31:48	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	30132	No
32	GOM_NL__2PRFIN20071205_024029_000000492064_00018_30132_6413.N1	05-DEC-2007 02:40:29	Dark	49.000	34	Gam2Vel	1.7930	23000.	98	30132	No
33	GOM_NL__2PRFIN20071205_024332_000000532064_00018_30132_6414.N1	05-DEC-2007 02:43:32	Dark	52.500	2	Alp Car	-0.73600	7000.0	105	30132	No
34	GOM_NL__2PRFIN20071205_024952_000000452064_00018_30132_6415.N1	05-DEC-2007 02:49:52	Dark	45.000	108	Alp Col	2.6520	15200.	90	30132	No
35	GOM_NL__2PRFIN20071205_025522_000000522064_00018_30132_6416.N1	05-DEC-2007 02:55:22	Straylight	51.500	101	11Alp Lep	2.5820	7000.0	103	30132	No
36	GOM_NL__2PRFIN20071205_025724_000000432064_00018_30132_6417.N1	05-DEC-2007 02:57:24	Straylight	42.500	165	34Gam Eri	2.9500	3200.0	85	30132	No
37	GOM_NL__2PRFIN20071205_025848_000000562064_00018_30132_6418.N1	05-DEC-2007 02:58:48	Straylight	55.500	7	19Bet Ori	0.10000	14000.	111	30132	No
38	GOM_NL__2PRFIN20071205_030636_000000602064_00018_30132_6419.N1	05-DEC-2007 03:06:36	Bright	60.000	13	87Alp Tau	0.86700	3800.0	120	30132	No
39	GOM_NL__2PRFIN20071205_030821_000000392064_00018_30132_6420.N1	05-DEC-2007 03:08:21	Bright	38.500	146	25Eta Tau	2.8730	15200.	77	30132	No
40	GOM_NL__2PRFIN20071205_031040_000000372064_00018_30132_6421.N1	05-DEC-2007 03:10:40	Bright	36.500	150	44Zet Per	2.8900	28000.	73	30132	No
41	GOM_NL__2PRFIN20071205_031304_000000382064_00018_30132_6422.N1	05-DEC-2007 03:13:04	Bright	37.500	149	45Eps Per	2.8880	30000.	75	30132	No
42	GOM_NL__2PRFIN20071205_031508_000000352064_00018_30132_6423.N1	05-DEC-2007 03:15:08	Bright	35.000	175	39Del Per	3.0100	19400.	70	30132	No

43	GOM_NL__2PRFIN20071205_031635_000000492064_00018_30132_6424.N1	05-DEC-2007 03:16:35	Bright	48.500	6	13Alp Aur	0.080000	3400.0	97	30132	No
44	GOM_NL__2PRFIN20071205_033302_000000472064_00018_30132_6425.N1	05-DEC-2007 03:33:02	Bright	46.500	36	50Alp UMa	1.8000	6300.0	93	30132	No
45	GOM_NL__2PRFIN20071205_033629_000000572064_00018_30132_6426.N1	05-DEC-2007 03:36:29	Bright	57.000	32	77Eps UMa	1.7630	11000.	114	30132	No
46	GOM_NL__2PRFIN20071205_033840_000000432064_00018_30132_6427.N1	05-DEC-2007 03:38:40	Bright	42.500	39	85Eta UMa	1.8540	24000.	85	30132	No
47	GOM_NL__2PRFIN20071205_034210_000000402064_00018_30132_6428.N1	05-DEC-2007 03:42:10	Bright	39.500	152	12Alp2CVn	2.8900	11000.	79	30132	No
48	GOM_NL__2PRFIN20071205_034745_000000542064_00018_30132_6429.N1	05-DEC-2007 03:47:45	Bright	54.000	111	8Eta Boo	2.6800	6000.0	108	30132	No
49	GOM_NL__2PRFIN20071205_035100_000000612064_00018_30132_6430.N1	05-DEC-2007 03:51:00	Bright	61.000	138	47Eps Vir	2.8280	4700.0	122	30132	No
50	GOM_NL__2PRFIN20071205_035532_000000462064_00018_30132_6431.N1	05-DEC-2007 03:55:32	Bright	45.500	121	29Gam Vir	2.7400	7200.0	91	30132	No
51	GOM_NL__2PRFIN20071205_040124_000000482064_00018_30132_6432.N1	05-DEC-2007 04:01:24	Dark	48.000	100	4Gam Crv	2.5800	13100.	96	30132	No
52	GOM_NL__2PRFIN20071205_040300_000000522064_00018_30132_6433.N1	05-DEC-2007 04:03:00	Dark	52.000	171	2Eps Crv	3.0010	4250.0	104	30132	No
53	GOM_NL__2PRFIN20071205_041225_000000442064_00019_30133_6415.N1	05-DEC-2007 04:12:25	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	30133	No
54	GOM_NL__2PRFIN20071205_042106_000000482064_00019_30133_6416.N1	05-DEC-2007 04:21:06	Dark	48.000	34	Gam2Vel	1.7930	23000.	96	30133	No
55	GOM_NL__2PRFIN20071205_042409_000000542064_00019_30133_6417.N1	05-DEC-2007 04:24:09	Dark	53.500	2	Alp Car	-0.73600	7000.0	107	30133	No
56	GOM_NL__2PRFIN20071205_043028_000000452064_00019_30133_6418.N1	05-DEC-2007 04:30:28	Dark	44.500	108	Alp Col	2.6520	15200.	89	30133	No
57	GOM_NL__2PRFIN20071205_043558_000000522064_00019_30133_6419.N1	05-DEC-2007 04:35:58	Straylight	52.000	101	11Alp Lep	2.5820	7000.0	104	30133	No
58	GOM_NL__2PRFIN20071205_043805_000000402064_00019_30133_6420.N1	05-DEC-2007 04:38:05	Straylight	40.000	165	34Gam Eri	2.9500	3200.0	80	30133	No
59	GOM_NL__2PRFIN20071205_043924_000000622064_00019_30133_6421.N1	05-DEC-2007 04:39:24	Straylight	62.000	7	19Bet Ori	0.10000	14000.	124	30133	No
60	GOM_NL__2PRFIN20071205_044711_000000602064_00019_30133_6422.N1	05-DEC-2007 04:47:11	Bright	60.000	13	87Alp Tau	0.86700	3800.0	120	30133	No
61	GOM_NL__2PRFIN20071205_044857_000000382064_00019_30133_6423.N1	05-DEC-2007 04:48:57	Bright	38.000	146	25Eta Tau	2.8730	15200.	76	30133	No
62	GOM_NL__2PRFIN20071205_045116_000000382064_00019_30133_6424.N1	05-DEC-2007 04:51:16	Bright	38.000	150	44Zet Per	2.8900	28000.	76	30133	No
63	GOM_NL__2PRFIN20071205_045340_000000362064_00019_30133_6425.N1	05-DEC-2007 04:53:40	Bright	35.500	149	45Eps Per	2.8880	30000.	71	30133	No
64	GOM_NL__2PRFIN20071205_045544_000000352064_00019_30133_6426.N1	05-DEC-2007 04:55:44	Bright	35.000	175	39Del Per	3.0100	19400.	70	30133	No
65	GOM_NL__2PRFIN20071205_045711_000000502064_00019_30133_6427.N1	05-DEC-2007 04:57:11	Bright	49.500	6	13Alp Aur	0.080000	3400.0	99	30133	No
66	GOM_NL__2PRFIN20071205_051337_000000472064_00019_30133_6428.N1	05-DEC-2007 05:13:37	Bright	46.500	36	50Alp UMa	1.8000	6300.0	93	30133	No
67	GOM_NL__2PRFIN20071205_051705_000000522064_00019_30133_6429.N1	05-DEC-2007 05:17:05	Bright	52.000	32	77Eps UMa	1.7630	11000.	104	30133	No
68	GOM_NL__2PRFIN20071205_051916_000000362064_00019_30133_6430.N1	05-DEC-2007 05:19:16	Bright	36.000	39	85Eta UMa	1.8540	24000.	72	30133	No
69	GOM_NL__2PRFIN20071205_052246_000000412064_00019_30133_6431.N1	05-DEC-2007 05:22:46	Bright	41.000	152	12Alp2CVn	2.8900	11000.	82	30133	No
70	GOM_NL__2PRFIN20071205_052822_000000362064_00019_30133_6432.N1	05-DEC-2007 05:28:22	Bright	35.500	111	8Eta Boo	2.6800	6000.0	71	30133	No
71	GOM_NL__2PRFIN20071205_053137_000000572064_00019_30133_6433.N1	05-DEC-2007 05:31:37	Bright	57.000	138	47Eps Vir	2.8280	4700.0	114	30133	No
72	GOM_NL__2PRFIN20071205_053609_000000492064_00019_30133_6434.N1	05-DEC-2007 05:36:09	Bright	48.500	121	29Gam Vir	2.7400	7200.0	97	30133	No
73	GOM_NL__2PRFIN20071205_054201_000000522064_00019_30133_6435.N1	05-DEC-2007 05:42:01	Dark	52.000	100	4Gam Crv	2.5800	13100.	104	30133	No
74	GOM_NL__2PRFIN20071205_054337_000000512064_00019_30133_6436.N1	05-DEC-2007 05:43:37	Dark	51.000	171	2Eps Crv	3.0010	4250.0	102	30133	No
75	GOM_NL__2PRFIN20071205_055302_000000432064_00020_30134_6452.N1	05-DEC-2007 05:53:02	Dark	42.500	113	Mu Vel	2.6920	5000.0	85	30134	No
76	GOM_NL__2PRFIN20071205_060143_000000462064_00020_30134_6453.N1	05-DEC-2007 06:01:43	Dark	46.000	34	Gam2Vel	1.7930	23000.	92	30134	No
77	GOM_NL__2PRFIN20071205_060445_000000572064_00020_30134_6454.N1	05-DEC-2007 06:04:45	Dark	57.000	2	Alp Car	-0.73600	7000.0	114	30134	No
78	GOM_NL__2PRFIN20071205_061105_000000462064_00020_30134_6455.N1	05-DEC-2007 06:11:05	Dark	45.500	108	Alp Col	2.6520	15200.	91	30134	No
79	GOM_NL__2PRFIN20071205_061634_000000512064_00020_30134_6456.N1	05-DEC-2007 06:16:34	Straylight	51.000	101	11Alp Lep	2.5820	7000.0	102	30134	No
80	GOM_NL__2PRFIN20071205_062000_000000582064_00020_30134_6457.N1	05-DEC-2007 06:20:00	Straylight	57.500	7	19Bet Ori	0.10000	14000.	115	30134	No
81	GOM_NL__2PRFIN20071205_062747_000000602064_00020_30134_6458.N1	05-DEC-2007 06:27:47	Bright	60.000	13	87Alp Tau	0.86700	3800.0	120	30134	No
82	GOM_NL__2PRFIN20071205_062933_000000392064_00020_30134_6459.N1	05-DEC-2007 06:29:33	Bright	38.500	146	25Eta Tau	2.8730	15200.	77	30134	No
83	GOM_NL__2PRFIN20071205_063152_000000382064_00020_30134_6460.N1	05-DEC-2007 06:31:52	Bright	37.500	150	44Zet Per	2.8900	28000.	75	30134	No
84	GOM_NL__2PRFIN20071205_063415_000000362064_00020_30134_6461.N1	05-DEC-2007 06:34:15	Bright	35.500	149	45Eps Per	2.8880	30000.	71	30134	No
85	GOM_NL__2PRFIN20071205_063620_000000362064_00020_30134_6462.N1	05-DEC-2007 06:36:20	Bright	35.500	175	39Del Per	3.0100	19400.	71	30134	No
86	GOM_NL__2PRFIN20071205_063746_000000482064_00020_30134_6463.N1	05-DEC-2007 06:37:46	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	30134	No
87	GOM_NL__2PRFIN20071205_065413_000000432064_00020_30134_6464.N1	05-DEC-2007 06:54:13	Bright	43.000	36	50Alp UMa	1.8000	6300.0	86	30134	No
88	GOM_NL__2PRFIN20071205_065740_000000392064_00020_30134_6465.N1	05-DEC-2007 06:57:40	Bright	39.000	32	77Eps UMa	1.7630	11000.	78	30134	No
89	GOM_NL__2PRFIN20071205_065952_000000382064_00020_30134_6466.N1	05-DEC-2007 06:59:52	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	30134	No
90	GOM_NL__2PRFIN20071205_070322_000000412064_00020_30134_6467.N1	05-DEC-2007 07:03:22	Bright	40.500	152	12Alp2CVn	2.8900	11000.	81	30134	No
91	GOM_NL__2PRFIN20071205_070858_000000352064_00020_30134_6468.N1	05-DEC-2007 07:08:58	Bright	35.000	111	8Eta Boo	2.6800	6000.0	70	30134	No
92	GOM_NL__2PRFIN20071205_071213_000000562064_00020_30134_6469.N1	05-DEC-2007 07:12:13	Bright	56.000	138	47Eps Vir	2.8280	4700.0	112	30134	No
93	GOM_NL__2PRFIN20071205_071645_000000482064_00020_30134_6470.N1	05-DEC-2007 07:16:45	Bright	47.500	121	29Gam Vir	2.7400	7200.0	95	30134	No
94	GOM_NL__2PRFIN20071205_072238_000000502064_00020_30134_6471.N1	05-DEC-2007 07:22:38	Dark	50.000	100	4Gam Crv	2.5800	13100.	100	30134	No
95	GOM_NL__2PRFIN20071205_072414_000000502064_00020_30134_6472.N1	05-DEC-2007 07:24:14	Dark	49.500	171	2Eps Crv	3.0010	4250.0	99	30134	No
96	GOM_NL__2PRFIN20071205_073025_000000412064_00020_30134_6473.N1	05-DEC-2007 07:30:25	Dark	40.500	99	Del Cen	2.5750	26000.	81	30134	No
97	GOM_NL__2PRFIN20071205_073339_000000532064_00021_30135_6467.N1	05-DEC-2007 07:33:39	Dark	52.500	113	Mu Vel	2.6920	5000.0	105	30135	No
98	GOM_NL__2PRFIN20071205_074219_000000472064_00021_30135_6468.N1	05-DEC-2007 07:42:19	Dark	47.000	34	Gam2Vel	1.7930	23000.	94	30135	No
99	GOM_NL__2PRFIN20071205_074522_000000542064_00021_30135_6469.N1	05-DEC-2007 07:45:22	Dark	53.500	2	Alp Car	-0.73600	7000.0	107	30135	No
100	GOM_NL__2PRFIN20071205_075141_000000462064_00021_30135_6470.N1	05-DEC-2007 07:51:41	Dark	46.000	108	Alp Col	2.6520	15200.	92	30135	No
101	GOM_NL__2PRFIN20071205_075710_000000482064_00021_30135_6471.N1	05-DEC-2007 07:57:10	Straylight	48.000	101	11Alp Lep	2.5820	7000.0	96	30135	No

102	GOM_NL__2PRFIN20071205_080036_000000612064_00021_30135_6472.N1	05-DEC-2007 08:00:36	Straylight	61.000	7	19Bet Ori	0.10000	14000.	122	30135	No
103	GOM_NL__2PRFIN20071205_080823_000000602064_00021_30135_6473.N1	05-DEC-2007 08:08:23	Bright	60.000	13	87Alp Tau	0.86700	3800.0	120	30135	No
104	GOM_NL__2PRFIN20071205_081009_000000372064_00021_30135_6474.N1	05-DEC-2007 08:10:09	Bright	37.000	146	25Eta Tau	2.8730	15200.	74	30135	No
105	GOM_NL__2PRFIN20071205_081228_000000382064_00021_30135_6475.N1	05-DEC-2007 08:12:28	Bright	38.000	150	44Zet Per	2.8900	28000.	76	30135	No
106	GOM_NL__2PRFIN20071205_081451_000000372064_00021_30135_6476.N1	05-DEC-2007 08:14:51	Bright	36.500	149	45Eps Per	2.8880	30000.	73	30135	No
107	GOM_NL__2PRFIN20071205_081656_000000352064_00021_30135_6477.N1	05-DEC-2007 08:16:56	Bright	34.500	175	39Del Per	3.0100	19400.	69	30135	No
108	GOM_NL__2PRFIN20071205_081822_000000482064_00021_30135_6478.N1	05-DEC-2007 08:18:22	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	30135	No
109	GOM_NL__2PRFIN20071205_083448_000000452064_00021_30135_6479.N1	05-DEC-2007 08:34:48	Bright	44.500	36	50Alp UMa	1.8000	6300.0	89	30135	No
110	GOM_NL__2PRFIN20071205_083816_000000412064_00021_30135_6480.N1	05-DEC-2007 08:38:16	Bright	41.000	32	77Eps UMa	1.7630	11000.	82	30135	No
111	GOM_NL__2PRFIN20071205_084028_000000382064_00021_30135_6481.N1	05-DEC-2007 08:40:28	Bright	38.000	39	85Eta UMa	1.8540	24000.	76	30135	No
112	GOM_NL__2PRFIN20071205_084358_000000392064_00021_30135_6482.N1	05-DEC-2007 08:43:58	Bright	39.000	152	12Alp2CVn	2.8900	11000.	78	30135	No
113	GOM_NL__2PRFIN20071205_084934_000000362064_00021_30135_6483.N1	05-DEC-2007 08:49:34	Bright	35.500	111	8Eta Boo	2.6800	6000.0	71	30135	No
114	GOM_NL__2PRFIN20071205_085250_000000412064_00021_30135_6484.N1	05-DEC-2007 08:52:50	Bright	40.500	138	47Eps Vir	2.8280	4700.0	81	30135	No
115	GOM_NL__2PRFIN20071205_085722_000000462064_00021_30135_6485.N1	05-DEC-2007 08:57:22	Bright	46.000	121	29Gam Vir	2.7400	7200.0	92	30135	No
116	GOM_NL__2PRFIN20071205_090314_000000502064_00021_30135_6486.N1	05-DEC-2007 09:03:14	Dark	49.500	100	4Gam Crv	2.5800	13100.	99	30135	No
117	GOM_NL__2PRFIN20071205_090451_000000492064_00021_30135_6487.N1	05-DEC-2007 09:04:51	Dark	49.000	171	2Eps Crv	3.0010	4250.0	98	30135	No
118	GOM_NL__2PRFIN20071205_091101_000000392064_00021_30135_6488.N1	05-DEC-2007 09:11:01	Dark	38.500	99	Del Cen	2.5750	26000.	77	30135	No
119	GOM_NL__2PRFIN20071205_091415_000000432064_00022_30136_6478.N1	05-DEC-2007 09:14:15	Dark	43.000	113	Mu Vel	2.6920	5000.0	86	30136	No
120	GOM_NL__2PRFIN20071205_092256_000000482064_00022_30136_6479.N1	05-DEC-2007 09:22:56	Dark	48.000	34	Gam2Vel	1.7930	23000.	96	30136	No
121	GOM_NL__2PRFIN20071205_092558_000000492064_00022_30136_6480.N1	05-DEC-2007 09:25:58	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	30136	No
122	GOM_NL__2PRFIN20071205_093217_000000442064_00022_30136_6481.N1	05-DEC-2007 09:32:17	Dark	44.000	108	Alp Col	2.6520	15200.	88	30136	No
123	GOM_NL__2PRFIN20071205_093746_000000482064_00022_30136_6482.N1	05-DEC-2007 09:37:46	Straylight	48.000	101	11Alp Lep	2.5820	7000.0	96	30136	No
124	GOM_NL__2PRFIN20071205_094112_000000562064_00022_30136_6483.N1	05-DEC-2007 09:41:12	Straylight	56.000	7	19Bet Ori	0.10000	14000.	112	30136	No
125	GOM_NL__2PRFIN20071205_094858_000000562064_00022_30136_6484.N1	05-DEC-2007 09:48:58	Bright	55.500	13	87Alp Tau	0.86700	3800.0	111	30136	No
126	GOM_NL__2PRFIN20071205_095045_000000382064_00022_30136_6485.N1	05-DEC-2007 09:50:45	Bright	38.000	146	25Eta Tau	2.8730	15200.	76	30136	No
127	GOM_NL__2PRFIN20071205_095303_000000372064_00022_30136_6486.N1	05-DEC-2007 09:53:03	Bright	37.000	150	44Zet Per	2.8900	28000.	74	30136	No
128	GOM_NL__2PRFIN20071205_095437_000000452064_00022_30136_6487.N1	05-DEC-2007 09:54:37	Bright	44.500	114	3Iot Aur	2.6930	4600.0	89	30136	No
129	GOM_NL__2PRFIN20071205_095732_000000362064_00022_30136_6488.N1	05-DEC-2007 09:57:32	Bright	35.500	175	39Del Per	3.0100	19400.	71	30136	No
130	GOM_NL__2PRFIN20071205_095857_000000462064_00022_30136_6489.N1	05-DEC-2007 09:58:57	Bright	46.000	6	13Alp Aur	0.080000	3400.0	92	30136	No
131	GOM_NL__2PRFIN20071205_101524_000000462064_00022_30136_6490.N1	05-DEC-2007 10:15:24	Bright	45.500	36	50Alp UMa	1.8000	6300.0	91	30136	No
132	GOM_NL__2PRFIN20071205_101852_000000402064_00022_30136_6491.N1	05-DEC-2007 10:18:52	Bright	40.000	32	77Eps UMa	1.7630	11000.	80	30136	No
133	GOM_NL__2PRFIN20071205_102104_000000382064_00022_30136_6492.N1	05-DEC-2007 10:21:04	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	30136	No
134	GOM_NL__2PRFIN20071205_102434_000000412064_00022_30136_6493.N1	05-DEC-2007 10:24:34	Bright	41.000	152	12Alp2CVn	2.8900	11000.	82	30136	No
135	GOM_NL__2PRFIN20071205_103010_000000362064_00022_30136_6494.N1	05-DEC-2007 10:30:10	Bright	36.000	111	8Eta Boo	2.6800	6000.0	72	30136	No
136	GOM_NL__2PRFIN20071205_103326_000000412064_00022_30136_6495.N1	05-DEC-2007 10:33:26	Bright	40.500	138	47Eps Vir	2.8280	4700.0	81	30136	No
137	GOM_NL__2PRFIN20071205_103759_000000462064_00022_30136_6496.N1	05-DEC-2007 10:37:59	Bright	45.500	121	29Gam Vir	2.7400	7200.0	91	30136	No
138	GOM_NL__2PRFIN20071205_104351_000000512064_00022_30136_6497.N1	05-DEC-2007 10:43:51	Dark	51.000	100	4Gam Crv	2.5800	13100.	102	30136	No
139	GOM_NL__2PRFIN20071205_104528_000000522064_00022_30136_6498.N1	05-DEC-2007 10:45:28	Dark	52.000	171	2Eps Crv	3.0010	4250.0	104	30136	No
140	GOM_NL__2PRFIN20071205_105138_000000392064_00022_30136_6499.N1	05-DEC-2007 10:51:38	Dark	39.000	99	Del Cen	2.5750	26000.	78	30136	No
141	GOM_NL__2PRFIN20071205_105452_000000442064_00023_30137_6504.N1	05-DEC-2007 10:54:52	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	30137	No
142	GOM_NL__2PRFIN20071205_110333_000000472064_00023_30137_6505.N1	05-DEC-2007 11:03:33	Dark	47.000	34	Gam2Vel	1.7930	23000.	94	30137	No
143	GOM_NL__2PRFIN20071205_110634_000000472064_00023_30137_6506.N1	05-DEC-2007 11:06:34	Dark	46.500	2	Alp Car	-0.73600	7000.0	93	30137	No
144	GOM_NL__2PRFIN20071205_111253_000000432064_00023_30137_6507.N1	05-DEC-2007 11:12:53	Dark	42.500	108	Alp Col	2.6520	15200.	85	30137	No
145	GOM_NL__2PRFIN20071205_111822_000000492064_00023_30137_6508.N1	05-DEC-2007 11:18:22	Straylight	48.500	101	11Alp Lep	2.5820	7000.0	97	30137	No
146	GOM_NL__2PRFIN20071205_112148_000000512064_00023_30137_6509.N1	05-DEC-2007 11:21:48	Straylight	51.000	7	19Bet Ori	0.10000	14000.	102	30137	No
147	GOM_NL__2PRFIN20071205_112934_000000562064_00023_30137_6510.N1	05-DEC-2007 11:29:34	Bright	55.500	13	87Alp Tau	0.86700	3800.0	111	30137	No
148	GOM_NL__2PRFIN20071205_113120_000000372064_00023_30137_6511.N1	05-DEC-2007 11:31:20	Bright	37.000	146	25Eta Tau	2.8730	15200.	74	30137	No
149	GOM_NL__2PRFIN20071205_113339_000000372064_00023_30137_6512.N1	05-DEC-2007 11:33:39	Bright	37.000	150	44Zet Per	2.8900	28000.	74	30137	No
150	GOM_NL__2PRFIN20071205_113513_000000442064_00023_30137_6513.N1	05-DEC-2007 11:35:13	Bright	44.000	114	3Iot Aur	2.6930	4600.0	88	30137	No
151	GOM_NL__2PRFIN20071205_113807_000000362064_00023_30137_6514.N1	05-DEC-2007 11:38:07	Bright	36.000	175	39Del Per	3.0100	19400.	72	30137	No
152	GOM_NL__2PRFIN20071205_113932_000000462064_00023_30137_6515.N1	05-DEC-2007 11:39:32	Bright	46.000	6	13Alp Aur	0.080000	3400.0	92	30137	No
153	GOM_NL__2PRFIN20071205_115559_000000412064_00023_30137_6516.N1	05-DEC-2007 11:55:59	Bright	40.500	36	50Alp UMa	1.8000	6300.0	81	30137	No
154	GOM_NL__2PRFIN20071205_115928_000000392064_00023_30137_6517.N1	05-DEC-2007 11:59:28	Bright	38.500	32	77Eps UMa	1.7630	11000.	77	30137	No
155	GOM_NL__2PRFIN20071205_120139_000000392064_00023_30137_6518.N1	05-DEC-2007 12:01:39	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	30137	No
156	GOM_NL__2PRFIN20071205_120510_000000392064_00023_30137_6519.N1	05-DEC-2007 12:05:10	Bright	38.500	152	12Alp2CVn	2.8900	11000.	77	30137	No
157	GOM_NL__2PRFIN20071205_121046_000000352064_00023_30137_6520.N1	05-DEC-2007 12:10:46	Bright	34.500	111	8Eta Boo	2.6800	6000.0	69	30137	No
158	GOM_NL__2PRFIN20071205_121402_000000412064_00023_30137_6521.N1	05-DEC-2007 12:14:02	Bright	40.500	138	47Eps Vir	2.8280	4700.0	81	30137	No
159	GOM_NL__2PRFIN20071205_121835_000000482064_00023_30137_6522.N1	05-DEC-2007 12:18:35	Bright	48.000	121	29Gam Vir	2.7400	7200.0	96	30137	No
160	GOM_NL__2PRFIN20071205_122428_000000492064_00023_30137_6523.N1	05-DEC-2007 12:24:28	Dark	48.500	100	4Gam Crv	2.5800	13100.	97	30137	No

161	GOM_NL__2PRFIN20071205_122604_000000512064_00023_30137_6524.N1	05-DEC-2007 12:26:04	Dark	50.500	171	2Eps Crv	3.0010	4250.0	101	30137	No
162	GOM_NL__2PRFIN20071205_123214_000000392064_00023_30137_6525.N1	05-DEC-2007 12:32:14	Dark	39.000	99	Del Cen	2.5750	26000.	78	30137	No
163	GOM_NL__2PRFIN20071205_123529_000000432064_00024_30138_6511.N1	05-DEC-2007 12:35:29	Dark	42.500	113	Mu Vel	2.6920	5000.0	85	30138	No
164	GOM_NL__2PRFIN20071205_124410_000000482064_00024_30138_6512.N1	05-DEC-2007 12:44:10	Dark	47.500	34	Gam2Vel	1.7930	23000.	95	30138	No
165	GOM_NL__2PRFIN20071205_124711_000000562064_00024_30138_6513.N1	05-DEC-2007 12:47:11	Dark	55.500	2	Alp Car	-0.73600	7000.0	111	30138	No
166	GOM_NL__2PRFIN20071205_125330_000000412064_00024_30138_6514.N1	05-DEC-2007 12:53:30	Dark	40.500	108	Alp Col	2.6520	15200.	81	30138	No
167	GOM_NL__2PRFIN20071205_125858_000000472064_00024_30138_6515.N1	05-DEC-2007 12:58:58	Straylight	46.500	101	11Alp Lep	2.5820	7000.0	93	30138	No
168	GOM_NL__2PRFIN20071205_130224_000000602064_00024_30138_6516.N1	05-DEC-2007 13:02:24	Straylight	60.000	7	19Bet Ori	0.10000	14000.	120	30138	No
169	GOM_NL__2PRFIN20071205_131010_000000572064_00024_30138_6517.N1	05-DEC-2007 13:10:10	Bright	56.500	13	87Alp Tau	0.86700	3800.0	113	30138	No
170	GOM_NL__2PRFIN20071205_131156_000000382064_00024_30138_6518.N1	05-DEC-2007 13:11:56	Bright	38.000	146	25Eta Tau	2.8730	15200.	76	30138	No
171	GOM_NL__2PRFIN20071205_131415_000000382064_00024_30138_6519.N1	05-DEC-2007 13:14:15	Bright	38.000	150	44Zet Per	2.8900	28000.	76	30138	No
172	GOM_NL__2PRFIN20071205_131548_000000442064_00024_30138_6520.N1	05-DEC-2007 13:15:48	Bright	44.000	114	3Iot Aur	2.6930	4600.0	88	30138	No
173	GOM_NL__2PRFIN20071205_131843_000000352064_00024_30138_6521.N1	05-DEC-2007 13:18:43	Bright	35.000	175	39Del Per	3.0100	19400.	70	30138	No
174	GOM_NL__2PRFIN20071205_132008_000000442064_00024_30138_6522.N1	05-DEC-2007 13:20:08	Bright	44.000	6	13Alp Aur	0.080000	3400.0	88	30138	No
175	GOM_NL__2PRFIN20071205_133635_000000462064_00024_30138_6523.N1	05-DEC-2007 13:36:35	Bright	45.500	36	50Alp UMa	1.8000	6300.0	91	30138	No
176	GOM_NL__2PRFIN20071205_134004_000000382064_00024_30138_6524.N1	05-DEC-2007 13:40:04	Bright	38.000	32	77Eps UMa	1.7630	11000.	76	30138	No
177	GOM_NL__2PRFIN20071205_134215_000000372064_00024_30138_6525.N1	05-DEC-2007 13:42:15	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	30138	No
178	GOM_NL__2PRFIN20071205_134546_000000402064_00024_30138_6526.N1	05-DEC-2007 13:45:46	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	30138	No
179	GOM_NL__2PRFIN20071205_135122_000000542064_00024_30138_6527.N1	05-DEC-2007 13:51:22	Bright	54.000	111	8Eta Boo	2.6800	6000.0	108	30138	No
180	GOM_NL__2PRFIN20071205_135438_000000422064_00024_30138_6528.N1	05-DEC-2007 13:54:38	Bright	41.500	138	47Eps Vir	2.8280	4700.0	83	30138	No
181	GOM_NL__2PRFIN20071205_135912_000000462064_00024_30138_6529.N1	05-DEC-2007 13:59:12	Bright	46.000	121	29Gam Vir	2.7400	7200.0	92	30138	No
182	GOM_NL__2PRFIN20071205_140505_000000472064_00024_30138_6530.N1	05-DEC-2007 14:05:05	Dark	47.000	100	4Gam Crv	2.5800	13100.	94	30138	No
183	GOM_NL__2PRFIN20071205_140641_000000532064_00024_30138_6531.N1	05-DEC-2007 14:06:41	Dark	52.500	171	2Eps Crv	3.0010	4250.0	105	30138	No
184	GOM_NL__2PRFIN20071205_141250_000000392064_00024_30138_6532.N1	05-DEC-2007 14:12:50	Dark	39.000	99	Del Cen	2.5750	26000.	78	30138	No
185	GOM_NL__2PRFIN20071205_141605_000000442064_00025_30139_6532.N1	05-DEC-2007 14:16:05	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	30139	No
186	GOM_NL__2PRFIN20071205_142446_000000472064_00025_30139_6533.N1	05-DEC-2007 14:24:46	Dark	47.000	34	Gam2Vel	1.7930	23000.	94	30139	No
187	GOM_NL__2PRFIN20071205_142747_000000492064_00025_30139_6534.N1	05-DEC-2007 14:27:47	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	30139	No
188	GOM_NL__2PRFIN20071205_143406_000000462064_00025_30139_6535.N1	05-DEC-2007 14:34:06	Dark	45.500	108	Alp Col	2.6520	15200.	91	30139	No
189	GOM_NL__2PRFIN20071205_143934_000000482064_00025_30139_6536.N1	05-DEC-2007 14:39:34	Straylight	48.000	101	11Alp Lep	2.5820	7000.0	96	30139	No
190	GOM_NL__2PRFIN20071205_144300_000000582064_00025_30139_6537.N1	05-DEC-2007 14:43:00	Straylight	58.000	7	19Bet Ori	0.10000	14000.	116	30139	No
191	GOM_NL__2PRFIN20071205_145045_000000582064_00025_30139_6538.N1	05-DEC-2007 14:50:45	Bright	58.000	13	87Alp Tau	0.86700	3800.0	116	30139	No
192	GOM_NL__2PRFIN20071205_145232_000000382064_00025_30139_6539.N1	05-DEC-2007 14:52:32	Bright	37.500	146	25Eta Tau	2.8730	15200.	75	30139	No
193	GOM_NL__2PRFIN20071205_145451_000000382064_00025_30139_6540.N1	05-DEC-2007 14:54:51	Bright	37.500	150	44Zet Per	2.8900	28000.	75	30139	No
194	GOM_NL__2PRFIN20071205_145623_000000432064_00025_30139_6541.N1	05-DEC-2007 14:56:23	Bright	43.000	114	3Iot Aur	2.6930	4600.0	86	30139	No
195	GOM_NL__2PRFIN20071205_145919_000000342064_00025_30139_6542.N1	05-DEC-2007 14:59:19	Bright	34.000	175	39Del Per	3.0100	19400.	68	30139	No
196	GOM_NL__2PRFIN20071205_150043_000000472064_00025_30139_6543.N1	05-DEC-2007 15:00:43	Bright	47.000	6	13Alp Aur	0.080000	3400.0	94	30139	No
197	GOM_NL__2PRFIN20071205_151710_000000442064_00025_30139_6544.N1	05-DEC-2007 15:17:10	Bright	44.000	36	50Alp UMa	1.8000	6300.0	88	30139	No
198	GOM_NL__2PRFIN20071205_152039_000000402064_00025_30139_6545.N1	05-DEC-2007 15:20:39	Bright	39.500	32	77Eps UMa	1.7630	11000.	79	30139	No
199	GOM_NL__2PRFIN20071205_152251_000000372064_00025_30139_6546.N1	05-DEC-2007 15:22:51	Bright	36.500	39	85Eta UMa	1.8540	24000.	73	30139	No
200	GOM_NL__2PRFIN20071205_152622_000000422064_00025_30139_6547.N1	05-DEC-2007 15:26:22	Bright	41.500	152	12Alp2CVn	2.8900	11000.	83	30139	No
201	GOM_NL__2PRFIN20071205_153159_000000362064_00025_30139_6548.N1	05-DEC-2007 15:31:59	Bright	36.000	111	8Eta Boo	2.6800	6000.0	72	30139	No
202	GOM_NL__2PRFIN20071205_153515_000000432064_00025_30139_6549.N1	05-DEC-2007 15:35:15	Bright	42.500	138	47Eps Vir	2.8280	4700.0	85	30139	No
203	GOM_NL__2PRFIN20071205_153948_000000472064_00025_30139_6550.N1	05-DEC-2007 15:39:48	Bright	47.000	121	29Gam Vir	2.7400	7200.0	94	30139	No
204	GOM_NL__2PRFIN20071205_154542_000000492064_00025_30139_6551.N1	05-DEC-2007 15:45:42	Dark	49.000	100	4Gam Crv	2.5800	13100.	98	30139	No
205	GOM_NL__2PRFIN20071205_154718_000000552064_00025_30139_6552.N1	05-DEC-2007 15:47:18	Dark	54.500	171	2Eps Crv	3.0010	4250.0	109	30139	No
206	GOM_NL__2PRFIN20071205_155327_000000402064_00025_30139_6553.N1	05-DEC-2007 15:53:27	Dark	40.000	99	Del Cen	2.5750	26000.	80	30139	No
207	GOM_NL__2PRFIN20071205_155642_000000422064_00026_30140_6563.N1	05-DEC-2007 15:56:42	Dark	42.000	113	Mu Vel	2.6920	5000.0	84	30140	No
208	GOM_NL__2PRFIN20071205_160523_000000482064_00026_30140_6564.N1	05-DEC-2007 16:05:23	Dark	48.000	34	Gam2Vel	1.7930	23000.	96	30140	No
209	GOM_NL__2PRFIN20071205_160823_000000502064_00026_30140_6565.N1	05-DEC-2007 16:08:23	Dark	50.000	2	Alp Car	-0.73600	7000.0	100	30140	No
210	GOM_NL__2PRFIN20071205_161442_000000452064_00026_30140_6566.N1	05-DEC-2007 16:14:42	Dark	44.500	108	Alp Col	2.6520	15200.	89	30140	No
211	GOM_NL__2PRFIN20071205_162011_000000482064_00026_30140_6567.N1	05-DEC-2007 16:20:11	Straylight	48.000	101	11Alp Lep	2.5820	7000.0	96	30140	No
212	GOM_NL__2PRFIN20071205_162336_000000602064_00026_30140_6568.N1	05-DEC-2007 16:23:36	Straylight	60.000	7	19Bet Ori	0.10000	14000.	120	30140	No
213	GOM_NL__2PRFIN20071205_163121_000000592064_00026_30140_6569.N1	05-DEC-2007 16:31:21	Bright	59.000	13	87Alp Tau	0.86700	3800.0	118	30140	No
214	GOM_NL__2PRFIN20071205_163308_000000372064_00026_30140_6570.N1	05-DEC-2007 16:33:08	Bright	36.500	146	25Eta Tau	2.8730	15200.	73	30140	No
215	GOM_NL__2PRFIN20071205_163526_000000382064_00026_30140_6571.N1	05-DEC-2007 16:35:26	Bright	37.500	150	44Zet Per	2.8900	28000.	75	30140	No
216	GOM_NL__2PRFIN20071205_163659_000000422064_00026_30140_6572.N1	05-DEC-2007 16:36:59	Bright	42.000	114	3Iot Aur	2.6930	4600.0	84	30140	No
217	GOM_NL__2PRFIN20071205_163955_000000352064_00026_30140_6573.N1	05-DEC-2007 16:39:55	Bright	35.000	175	39Del Per	3.0100	19400.	70	30140	No
218	GOM_NL__2PRFIN20071205_164118_000000442064_00026_30140_6574.N1	05-DEC-2007 16:41:18	Bright	44.000	6	13Alp Aur	0.080000	3400.0	88	30140	No
219	GOM_NL__2PRFIN20071205_165746_000000462064_00026_30140_6575.N1	05-DEC-2007 16:57:46	Bright	46.000	36	50Alp UMa	1.8000	6300.0	92	30140	No

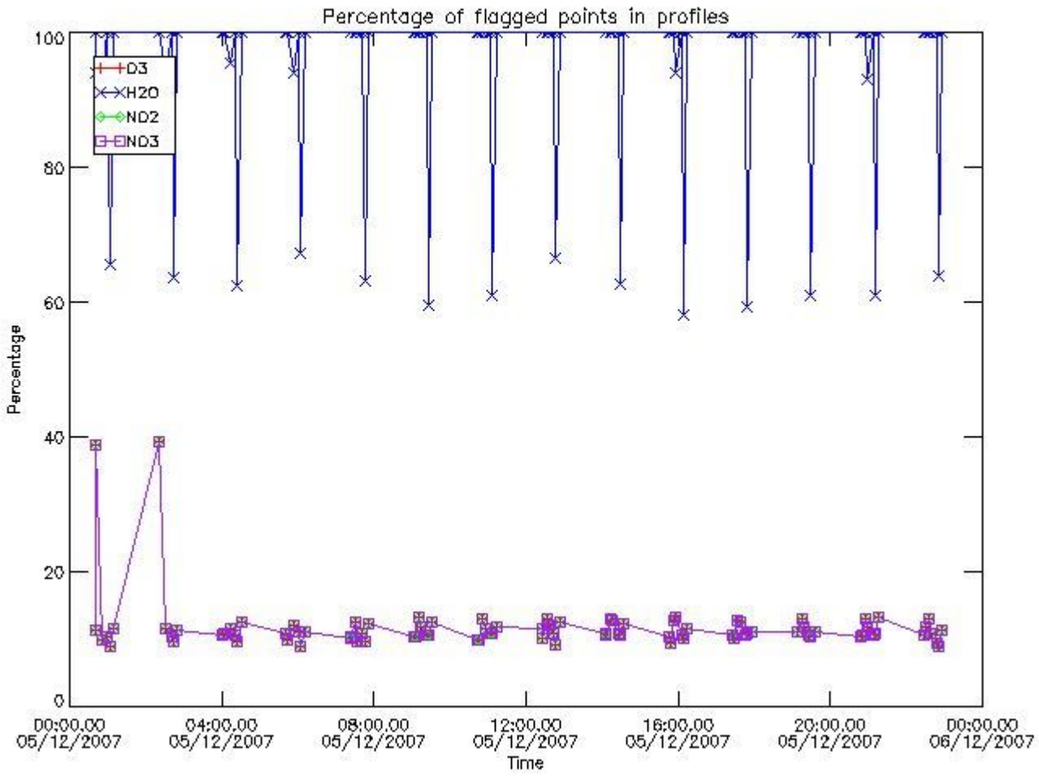
220	GOM_NL__2PRFIN20071205_170115_000000382064_00026_30140_6576.N1	05-DEC-2007 17:01:15	Bright	37.500	32	77Eps UMa	1.7630	11000.	75	30140	No
221	GOM_NL__2PRFIN20071205_170327_000000392064_00026_30140_6577.N1	05-DEC-2007 17:03:27	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	30140	No
222	GOM_NL__2PRFIN20071205_170658_000000412064_00026_30140_6578.N1	05-DEC-2007 17:06:58	Bright	40.500	152	12Alp2CVn	2.8900	11000.	81	30140	No
223	GOM_NL__2PRFIN20071205_171235_000000362064_00026_30140_6579.N1	05-DEC-2007 17:12:35	Bright	35.500	111	8Eta Boo	2.6800	6000.0	71	30140	No
224	GOM_NL__2PRFIN20071205_171551_000000432064_00026_30140_6580.N1	05-DEC-2007 17:15:51	Bright	43.000	138	47Eps Vir	2.8280	4700.0	86	30140	No
225	GOM_NL__2PRFIN20071205_172025_000000512064_00026_30140_6581.N1	05-DEC-2007 17:20:25	Bright	51.000	121	29Gam Vir	2.7400	7200.0	102	30140	No
226	GOM_NL__2PRFIN20071205_172619_000000482064_00026_30140_6582.N1	05-DEC-2007 17:26:19	Dark	48.000	100	4Gam Crv	2.5800	13100.	96	30140	No
227	GOM_NL__2PRFIN20071205_172755_000000502064_00026_30140_6583.N1	05-DEC-2007 17:27:55	Dark	50.000	171	2Eps Crv	3.0010	4250.0	100	30140	No
228	GOM_NL__2PRFIN20071205_173404_000000402064_00026_30140_6584.N1	05-DEC-2007 17:34:04	Dark	40.000	99	Del Cen	2.5750	26000.	80	30140	No
229	GOM_NL__2PRFIN20071205_173719_000000452064_00027_30141_6581.N1	05-DEC-2007 17:37:19	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	30141	No
230	GOM_NL__2PRFIN20071205_174600_000000492064_00027_30141_6582.N1	05-DEC-2007 17:46:00	Dark	48.500	34	Gam2Vel	1.7930	23000.	97	30141	No
231	GOM_NL__2PRFIN20071205_174900_000000472064_00027_30141_6583.N1	05-DEC-2007 17:49:00	Dark	47.000	2	Alp Car	-0.73600	7000.0	94	30141	No
232	GOM_NL__2PRFIN20071205_175519_000000462064_00027_30141_6584.N1	05-DEC-2007 17:55:19	Dark	46.000	108	Alp Col	2.6520	15200.	92	30141	No
233	GOM_NL__2PRFIN20071205_180047_000000502064_00027_30141_6585.N1	05-DEC-2007 18:00:47	Straylight	50.000	101	11Alp Lep	2.5820	7000.0	100	30141	No
234	GOM_NL__2PRFIN20071205_180412_000000542064_00027_30141_6586.N1	05-DEC-2007 18:04:12	Straylight	53.500	7	19Bet Ori	0.10000	14000.	107	30141	No
235	GOM_NL__2PRFIN20071205_181157_000000592064_00027_30141_6587.N1	05-DEC-2007 18:11:57	Bright	59.000	13	87Alp Tau	0.86700	3800.0	118	30141	No
236	GOM_NL__2PRFIN20071205_181344_000000372064_00027_30141_6588.N1	05-DEC-2007 18:13:44	Bright	36.500	146	25Eta Tau	2.8730	15200.	73	30141	No
237	GOM_NL__2PRFIN20071205_181602_000000372064_00027_30141_6589.N1	05-DEC-2007 18:16:02	Bright	37.000	150	44Zet Per	2.8900	28000.	74	30141	No
238	GOM_NL__2PRFIN20071205_181734_000000452064_00027_30141_6590.N1	05-DEC-2007 18:17:34	Bright	45.000	114	3Iot Aur	2.6930	4600.0	90	30141	No
239	GOM_NL__2PRFIN20071205_182031_000000352064_00027_30141_6591.N1	05-DEC-2007 18:20:31	Bright	35.000	175	39Del Per	3.0100	19400.	70	30141	No
240	GOM_NL__2PRFIN20071205_182154_000000462064_00027_30141_6592.N1	05-DEC-2007 18:21:54	Bright	46.000	6	13Alp Aur	0.080000	3400.0	92	30141	No
241	GOM_NL__2PRFIN20071205_183821_000000472064_00027_30141_6593.N1	05-DEC-2007 18:38:21	Bright	46.500	36	50Alp UMa	1.8000	6300.0	93	30141	No
242	GOM_NL__2PRFIN20071205_184151_000000392064_00027_30141_6594.N1	05-DEC-2007 18:41:51	Bright	39.000	32	77Eps UMa	1.7630	11000.	78	30141	No
243	GOM_NL__2PRFIN20071205_184403_000000392064_00027_30141_6595.N1	05-DEC-2007 18:44:03	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	30141	No
244	GOM_NL__2PRFIN20071205_184734_000000452064_00027_30141_6596.N1	05-DEC-2007 18:47:34	Bright	44.500	152	12Alp2CVn	2.8900	11000.	89	30141	No
245	GOM_NL__2PRFIN20071205_185311_000000362064_00027_30141_6597.N1	05-DEC-2007 18:53:11	Bright	36.000	111	8Eta Boo	2.6800	6000.0	72	30141	No
246	GOM_NL__2PRFIN20071205_185628_000000422064_00027_30141_6598.N1	05-DEC-2007 18:56:28	Bright	41.500	138	47Eps Vir	2.8280	4700.0	83	30141	No
247	GOM_NL__2PRFIN20071205_190102_000000492064_00027_30141_6599.N1	05-DEC-2007 19:01:02	Bright	48.500	121	29Gam Vir	2.7400	7200.0	97	30141	No
248	GOM_NL__2PRFIN20071205_190656_000000462064_00027_30141_6600.N1	05-DEC-2007 19:06:56	Dark	46.000	100	4Gam Crv	2.5800	13100.	92	30141	No
249	GOM_NL__2PRFIN20071205_190832_000000462064_00027_30141_6601.N1	05-DEC-2007 19:08:32	Dark	46.000	171	2Eps Crv	3.0010	4250.0	92	30141	No
250	GOM_NL__2PRFIN20071205_191440_000000402064_00027_30141_6602.N1	05-DEC-2007 19:14:40	Dark	39.500	99	Del Cen	2.5750	26000.	79	30141	No
251	GOM_NL__2PRFIN20071205_191756_000000432064_00028_30142_6589.N1	05-DEC-2007 19:17:56	Dark	43.000	113	Mu Vel	2.6920	5000.0	86	30142	No
252	GOM_NL__2PRFIN20071205_192637_000000482064_00028_30142_6590.N1	05-DEC-2007 19:26:37	Dark	48.000	34	Gam2Vel	1.7930	23000.	96	30142	No
253	GOM_NL__2PRFIN20071205_192936_000000492064_00028_30142_6591.N1	05-DEC-2007 19:29:36	Dark	49.000	2	Alp Car	-0.73600	7000.0	98	30142	No
254	GOM_NL__2PRFIN20071205_193555_000000462064_00028_30142_6592.N1	05-DEC-2007 19:35:55	Dark	45.500	108	Alp Col	2.6520	15200.	91	30142	No
255	GOM_NL__2PRFIN20071205_194123_000000522064_00028_30142_6593.N1	05-DEC-2007 19:41:23	Straylight	51.500	101	11Alp Lep	2.5820	7000.0	103	30142	No
256	GOM_NL__2PRFIN20071205_194447_000000552064_00028_30142_6594.N1	05-DEC-2007 19:44:47	Straylight	55.000	7	19Bet Ori	0.10000	14000.	110	30142	No
257	GOM_NL__2PRFIN20071205_195232_000000592064_00028_30142_6595.N1	05-DEC-2007 19:52:32	Bright	59.000	13	87Alp Tau	0.86700	3800.0	118	30142	No
258	GOM_NL__2PRFIN20071205_195638_000000382064_00028_30142_6596.N1	05-DEC-2007 19:56:38	Bright	38.000	150	44Zet Per	2.8900	28000.	76	30142	No
259	GOM_NL__2PRFIN20071205_195810_000000442064_00028_30142_6597.N1	05-DEC-2007 19:58:10	Bright	43.500	114	3Iot Aur	2.6930	4600.0	87	30142	No
260	GOM_NL__2PRFIN20071205_200106_000000352064_00028_30142_6598.N1	05-DEC-2007 20:01:06	Bright	35.000	175	39Del Per	3.0100	19400.	70	30142	No
261	GOM_NL__2PRFIN20071205_200229_000000462064_00028_30142_6599.N1	05-DEC-2007 20:02:29	Bright	45.500	6	13Alp Aur	0.080000	3400.0	91	30142	No
262	GOM_NL__2PRFIN20071205_201857_000000452064_00028_30142_6600.N1	05-DEC-2007 20:18:57	Bright	45.000	36	50Alp UMa	1.8000	6300.0	90	30142	No
263	GOM_NL__2PRFIN20071205_202227_000000402064_00028_30142_6601.N1	05-DEC-2007 20:22:27	Bright	40.000	32	77Eps UMa	1.7630	11000.	80	30142	No
264	GOM_NL__2PRFIN20071205_202439_000000352064_00028_30142_6602.N1	05-DEC-2007 20:24:39	Bright	35.000	39	85Eta UMa	1.8540	24000.	70	30142	No
265	GOM_NL__2PRFIN20071205_202810_000000392064_00028_30142_6603.N1	05-DEC-2007 20:28:10	Bright	39.000	152	12Alp2CVn	2.8900	11000.	78	30142	No
266	GOM_NL__2PRFIN20071205_203347_000000362064_00028_30142_6604.N1	05-DEC-2007 20:33:47	Bright	35.500	111	8Eta Boo	2.6800	6000.0	71	30142	No
267	GOM_NL__2PRFIN20071205_203704_000000532064_00028_30142_6605.N1	05-DEC-2007 20:37:04	Bright	52.500	138	47Eps Vir	2.8280	4700.0	105	30142	No
268	GOM_NL__2PRFIN20071205_204138_000000472064_00028_30142_6606.N1	05-DEC-2007 20:41:38	Bright	47.000	121	29Gam Vir	2.7400	7200.0	94	30142	No
269	GOM_NL__2PRFIN20071205_204732_000000492064_00028_30142_6607.N1	05-DEC-2007 20:47:32	Dark	49.000	100	4Gam Crv	2.5800	13100.	98	30142	No
270	GOM_NL__2PRFIN20071205_204909_000000482064_00028_30142_6608.N1	05-DEC-2007 20:49:09	Dark	48.000	171	2Eps Crv	3.0010	4250.0	96	30142	No
271	GOM_NL__2PRFIN20071205_205517_000000402064_00028_30142_6609.N1	05-DEC-2007 20:55:17	Dark	39.500	99	Del Cen	2.5750	26000.	79	30142	No
272	GOM_NL__2PRFIN20071205_205833_000000442064_00029_30143_6603.N1	05-DEC-2007 20:58:33	Dark	43.500	113	Mu Vel	2.6920	5000.0	87	30143	No
273	GOM_NL__2PRFIN20071205_210714_000000482064_00029_30143_6604.N1	05-DEC-2007 21:07:14	Dark	48.000	34	Gam2Vel	1.7930	23000.	96	30143	No
274	GOM_NL__2PRFIN20071205_211013_000000472064_00029_30143_6605.N1	05-DEC-2007 21:10:13	Dark	46.500	2	Alp Car	-0.73600	7000.0	93	30143	No
275	GOM_NL__2PRFIN20071205_211631_000000432064_00029_30143_6606.N1	05-DEC-2007 21:16:31	Dark	42.500	108	Alp Col	2.6520	15200.	85	30143	No
276	GOM_NL__2PRFIN20071205_212159_000000502064_00029_30143_6607.N1	05-DEC-2007 21:21:59	Straylight	49.500	101	11Alp Lep	2.5820	7000.0	99	30143	No
277	GOM_NL__2PRFIN20071205_212523_000000582064_00029_30143_6608.N1	05-DEC-2007 21:25:23	Straylight	57.500	7	19Bet Ori	0.10000	14000.	115	30143	No
278	GOM_NL__2PRFIN20071205_213308_000000592064_00029_30143_6609.N1	05-DEC-2007 21:33:08	Bright	59.000	13	87Alp Tau	0.86700	3800.0	118	30143	No

279	GOM_NL__2PRFIN20071205_213714_000000382064_00029_30143_6610.N1	05-DEC-2007 21:37:14	Bright	38.000	150	44Zet Per	2.8900	28000.	76	30143	No
280	GOM_NL__2PRFIN20071205_213845_000000432064_00029_30143_6611.N1	05-DEC-2007 21:38:45	Bright	43.000	114	3Iot Aur	2.6930	4600.0	86	30143	No
281	GOM_NL__2PRFIN20071205_214142_000000352064_00029_30143_6612.N1	05-DEC-2007 21:41:42	Bright	35.000	175	39Del Per	3.0100	19400.	70	30143	No
282	GOM_NL__2PRFIN20071205_214304_000000492064_00029_30143_6613.N1	05-DEC-2007 21:43:04	Bright	48.500	6	13Alp Aur	0.080000	3400.0	97	30143	No
283	GOM_NL__2PRFIN20071205_215932_000000472064_00029_30143_6614.N1	05-DEC-2007 21:59:32	Bright	46.500	36	50Alp UMa	1.8000	6300.0	93	30143	No
284	GOM_NL__2PRFIN20071205_220303_000000422064_00029_30143_6615.N1	05-DEC-2007 22:03:03	Bright	41.500	32	77Eps UMa	1.7630	11000.	83	30143	No
285	GOM_NL__2PRFIN20071205_220515_000000392064_00029_30143_6616.N1	05-DEC-2007 22:05:15	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	30143	No
286	GOM_NL__2PRFIN20071205_220846_000000402064_00029_30143_6617.N1	05-DEC-2007 22:08:46	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	30143	No
287	GOM_NL__2PRFIN20071205_221423_000000362064_00029_30143_6618.N1	05-DEC-2007 22:14:23	Bright	35.500	111	8Eta Boo	2.6800	6000.0	71	30143	No
288	GOM_NL__2PRFIN20071205_221740_000000442064_00029_30143_6619.N1	05-DEC-2007 22:17:40	Bright	44.000	138	47Eps Vir	2.8280	4700.0	88	30143	No
289	GOM_NL__2PRFIN20071205_222215_000000522064_00029_30143_6620.N1	05-DEC-2007 22:22:15	Bright	52.000	121	29Gam Vir	2.7400	7200.0	104	30143	No
290	GOM_NL__2PRFIN20071205_222809_000000482064_00029_30143_6621.N1	05-DEC-2007 22:28:09	Dark	48.000	100	4Gam Crv	2.5800	13100.	96	30143	No
291	GOM_NL__2PRFIN20071205_222946_000000482064_00029_30143_6622.N1	05-DEC-2007 22:29:46	Dark	47.500	171	2Eps Crv	3.0010	4250.0	95	30143	No
292	GOM_NL__2PRFIN20071205_223553_000000392064_00029_30143_6623.N1	05-DEC-2007 22:35:53	Dark	39.000	99	Del Cen	2.5750	26000.	78	30143	No
293	GOM_NL__2PRFIN20071205_223909_000000482064_00030_30144_6620.N1	05-DEC-2007 22:39:09	Dark	47.500	113	Mu Vel	2.6920	5000.0	95	30144	No
294	GOM_NL__2PRFIN20071205_224750_000000552064_00030_30144_6621.N1	05-DEC-2007 22:47:50	Dark	54.500	34	Gam2Vel	1.7930	23000.	109	30144	No
295	GOM_NL__2PRFIN20071205_225049_000000572064_00030_30144_6622.N1	05-DEC-2007 22:50:49	Dark	57.000	2	Alp Car	-0.73600	7000.0	114	30144	No
296	GOM_NL__2PRFIN20071205_225708_000000452064_00030_30144_6623.N1	05-DEC-2007 22:57:08	Dark	45.000	108	Alp Col	2.6520	15200.	90	30144	No
297	GOM_NL__2PRFIN20071205_230235_000000492064_00030_30144_6624.N1	05-DEC-2007 23:02:35	Straylight	49.000	101	11Alp Lep	2.5820	7000.0	98	30144	No
298	GOM_NL__2PRFIN20071205_230559_000000562064_00030_30144_6625.N1	05-DEC-2007 23:05:59	Straylight	56.000	7	19Bet Ori	0.10000	14000.	112	30144	No
299	GOM_NL__2PRFIN20071205_231344_000000592064_00030_30144_6626.N1	05-DEC-2007 23:13:44	Bright	59.000	13	87Alp Tau	0.86700	3800.0	118	30144	No
300	GOM_NL__2PRFIN20071205_231531_000000392064_00030_30144_6627.N1	05-DEC-2007 23:15:31	Bright	38.500	146	25Eta Tau	2.8730	15200.	77	30144	No
301	GOM_NL__2PRFIN20071205_231749_000000372064_00030_30144_6628.N1	05-DEC-2007 23:17:49	Bright	36.500	150	44Zet Per	2.8900	28000.	73	30144	No
302	GOM_NL__2PRFIN20071205_231921_000000432064_00030_30144_6629.N1	05-DEC-2007 23:19:21	Bright	43.000	114	3Iot Aur	2.6930	4600.0	86	30144	No
303	GOM_NL__2PRFIN20071205_232218_000000362064_00030_30144_6630.N1	05-DEC-2007 23:22:18	Bright	35.500	175	39Del Per	3.0100	19400.	71	30144	No
304	GOM_NL__2PRFIN20071205_232340_000000472064_00030_30144_6631.N1	05-DEC-2007 23:23:40	Bright	46.500	6	13Alp Aur	0.080000	3400.0	93	30144	No
305	GOM_NL__2PRFIN20071205_234008_000000452064_00030_30144_6632.N1	05-DEC-2007 23:40:08	Bright	45.000	36	50Alp UMa	1.8000	6300.0	90	30144	No
306	GOM_NL__2PRFIN20071205_234338_000000392064_00030_30144_6633.N1	05-DEC-2007 23:43:38	Bright	39.000	32	77Eps UMa	1.7630	11000.	78	30144	No
307	GOM_NL__2PRFIN20071205_234551_000000352064_00030_30144_6634.N1	05-DEC-2007 23:45:51	Bright	34.500	39	85Eta UMa	1.8540	24000.	69	30144	No
308	GOM_NL__2PRFIN20071205_234922_000000412064_00030_30144_6635.N1	05-DEC-2007 23:49:22	Bright	40.500	152	12Alp2CVn	2.8900	11000.	81	30144	No
309	GOM_NL__2PRFIN20071205_235459_000000352064_00030_30144_6636.N1	05-DEC-2007 23:54:59	Bright	35.000	111	8Eta Boo	2.6800	6000.0	70	30144	No
310	GOM_NL__2PRFIN20071205_235817_000000622064_00030_30144_6637.N1	05-DEC-2007 23:58:17	Bright	62.000	138	47Eps Vir	2.8280	4700.0	124	30144	No

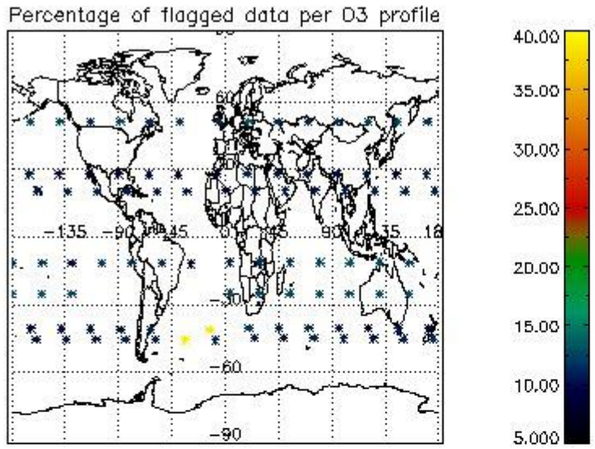
3. Quality information per product

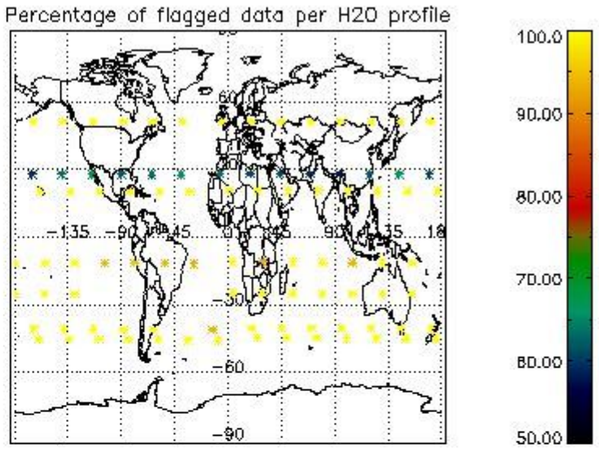
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

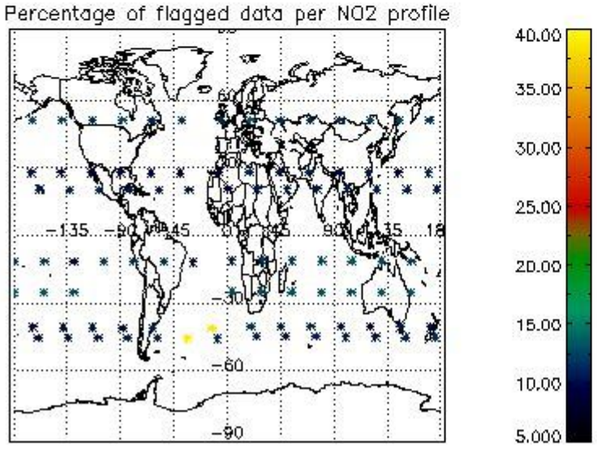
3.1 Plot quality information per product (time dependant)

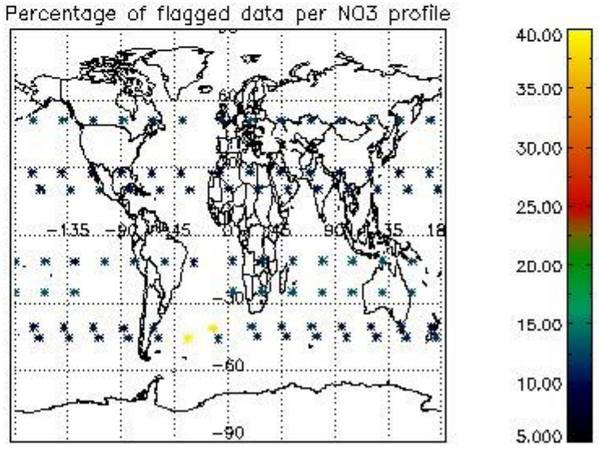


3.2 Plot quality information per product (world map)







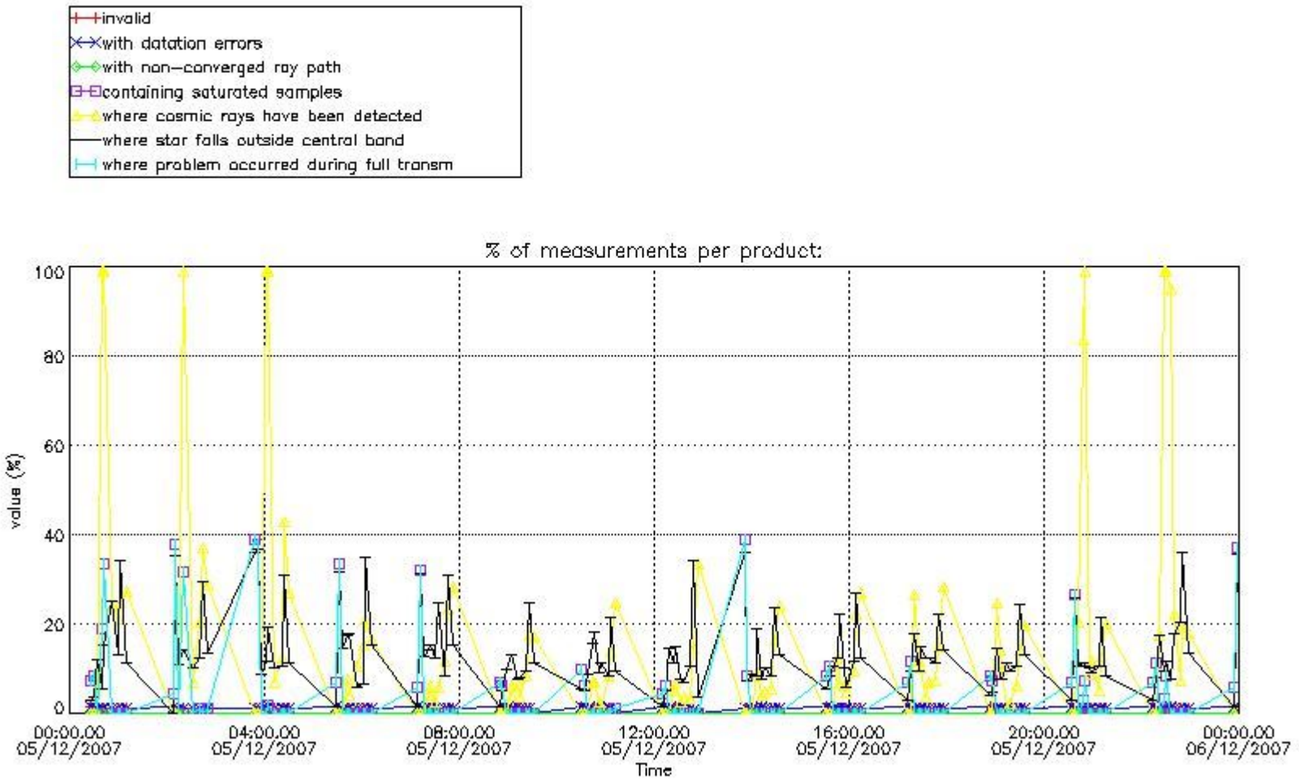


4. Level 1 quality information per product

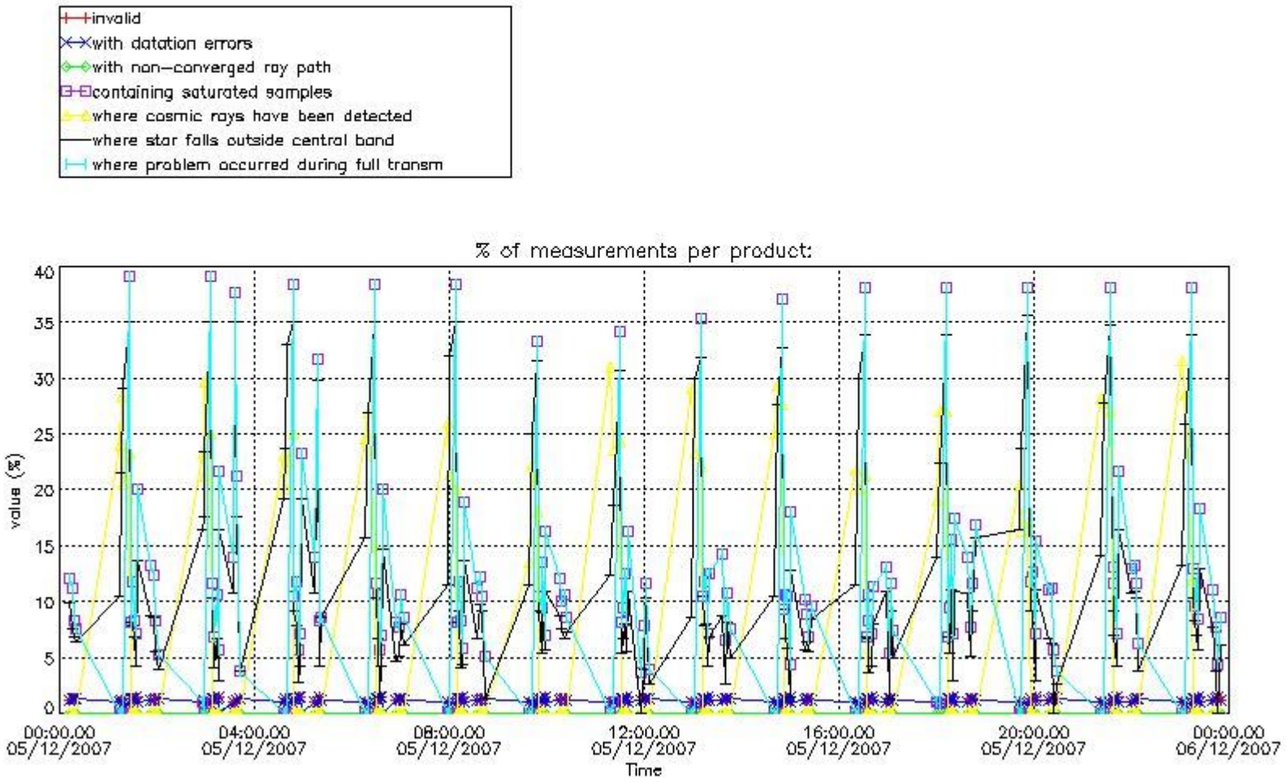
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processsing. Products without errors (error flag in the MPH set to "0") are used.

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

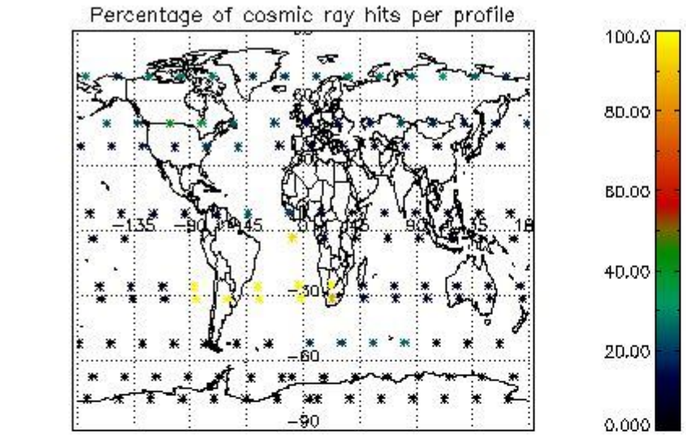


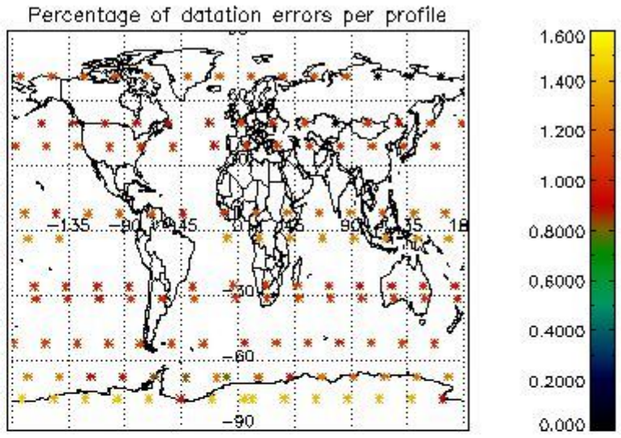
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes

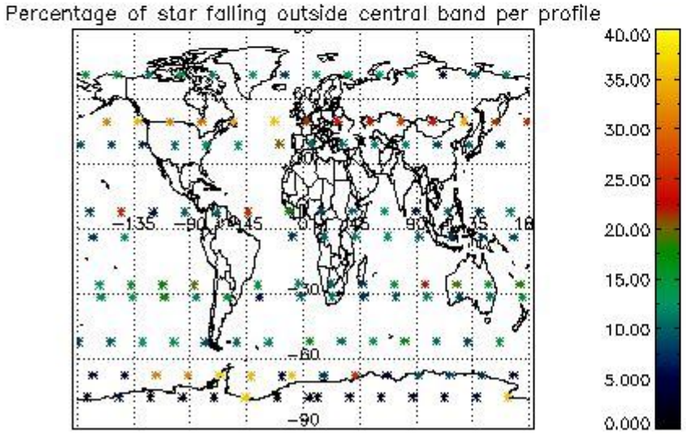


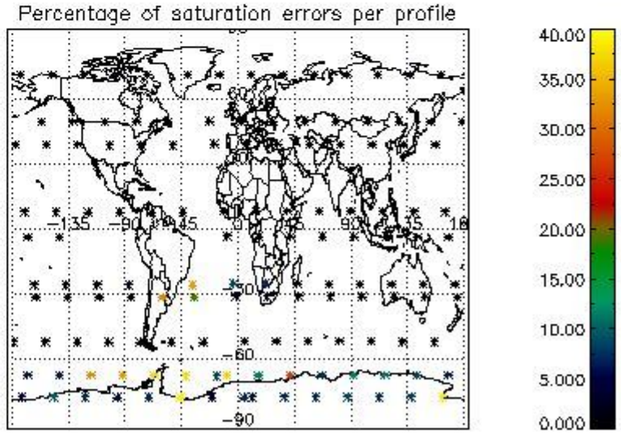
4.2 Plot quality information per product comming from level 1b processing (world map)

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

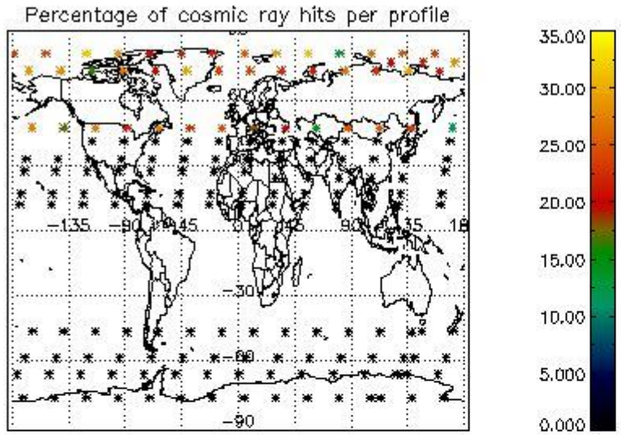


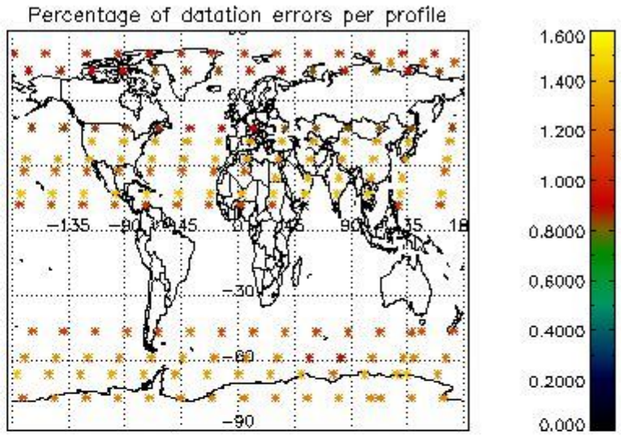


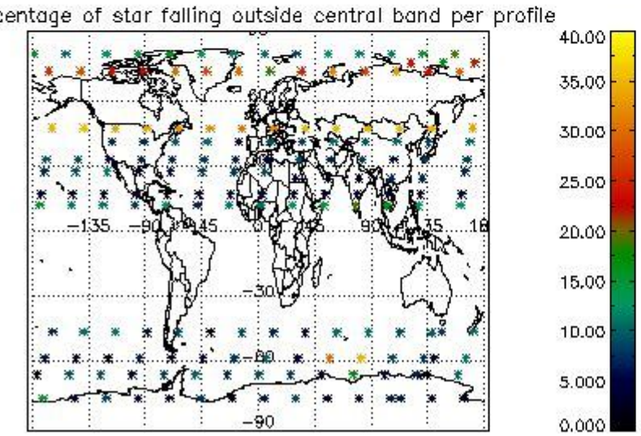


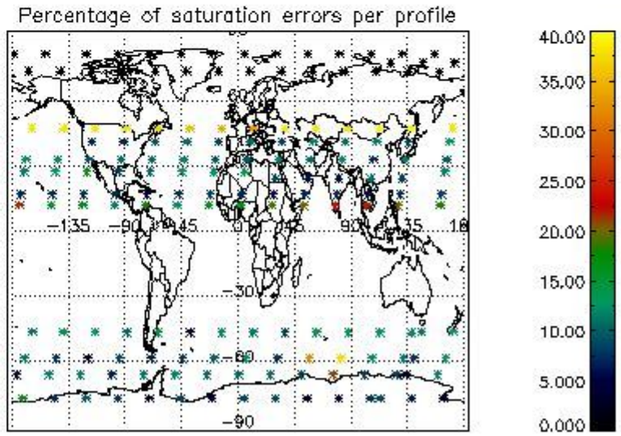


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes









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

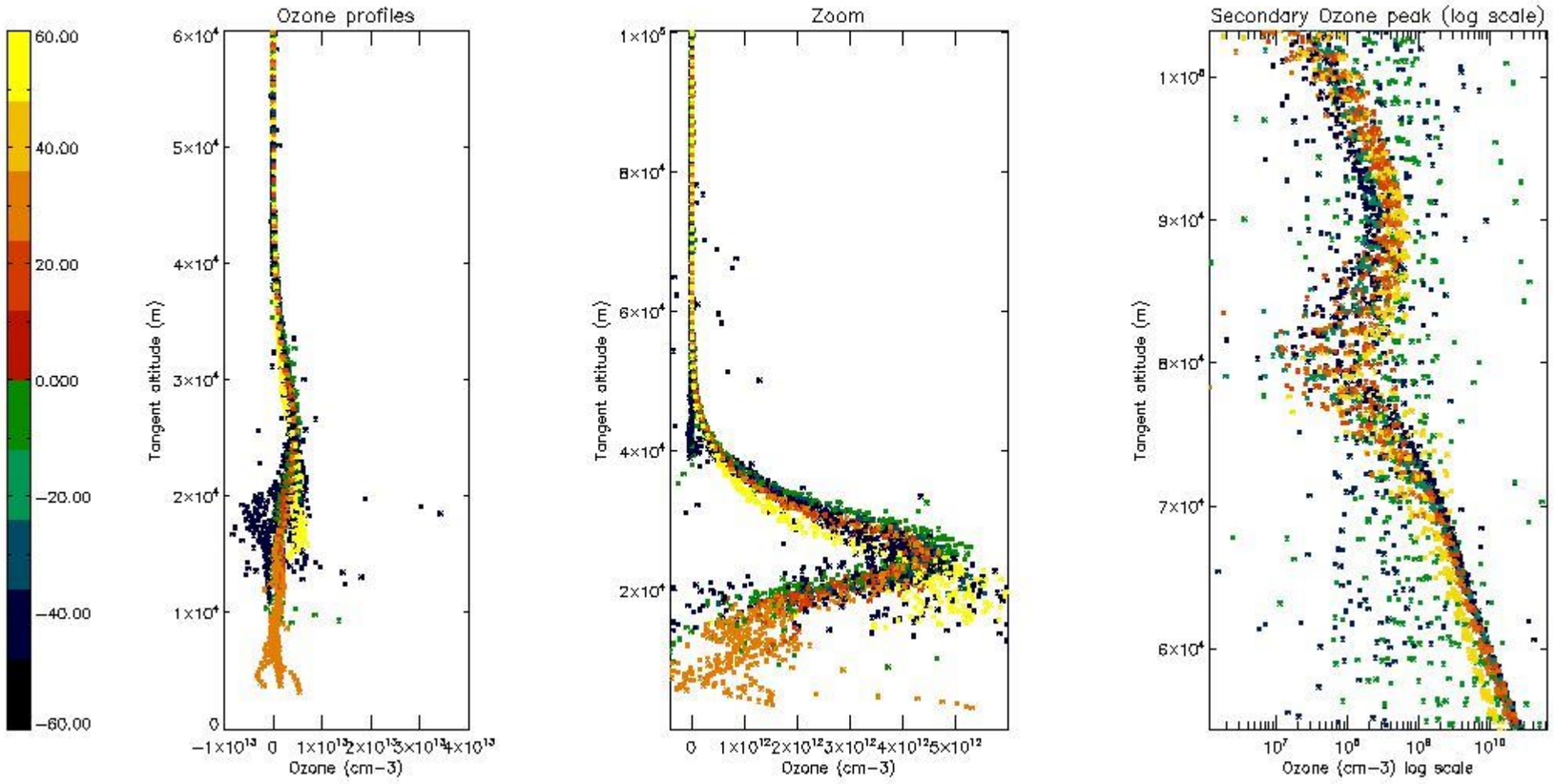
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	32
STD < 20	18

STD < 10	14
STD < 5	10

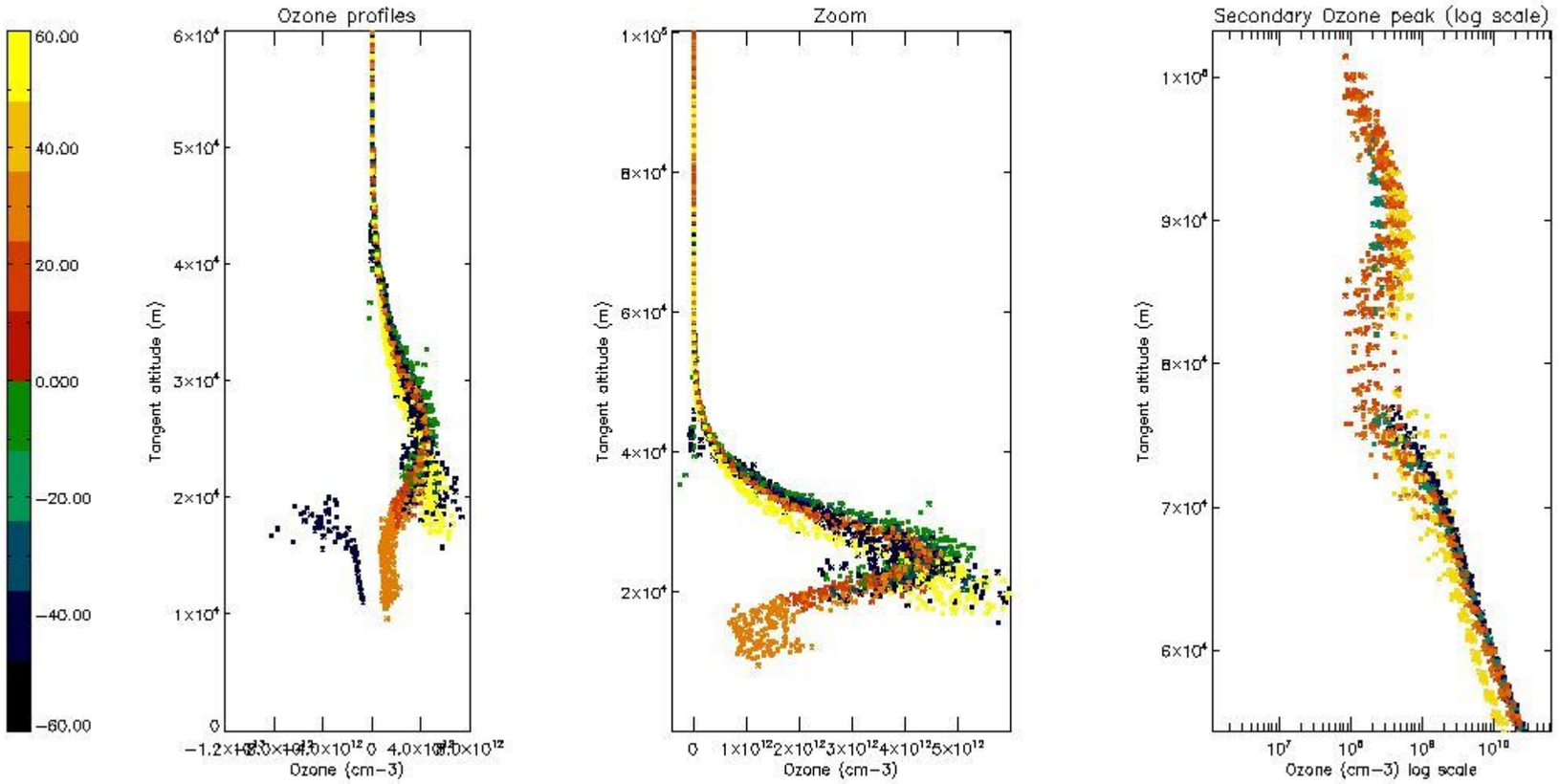
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



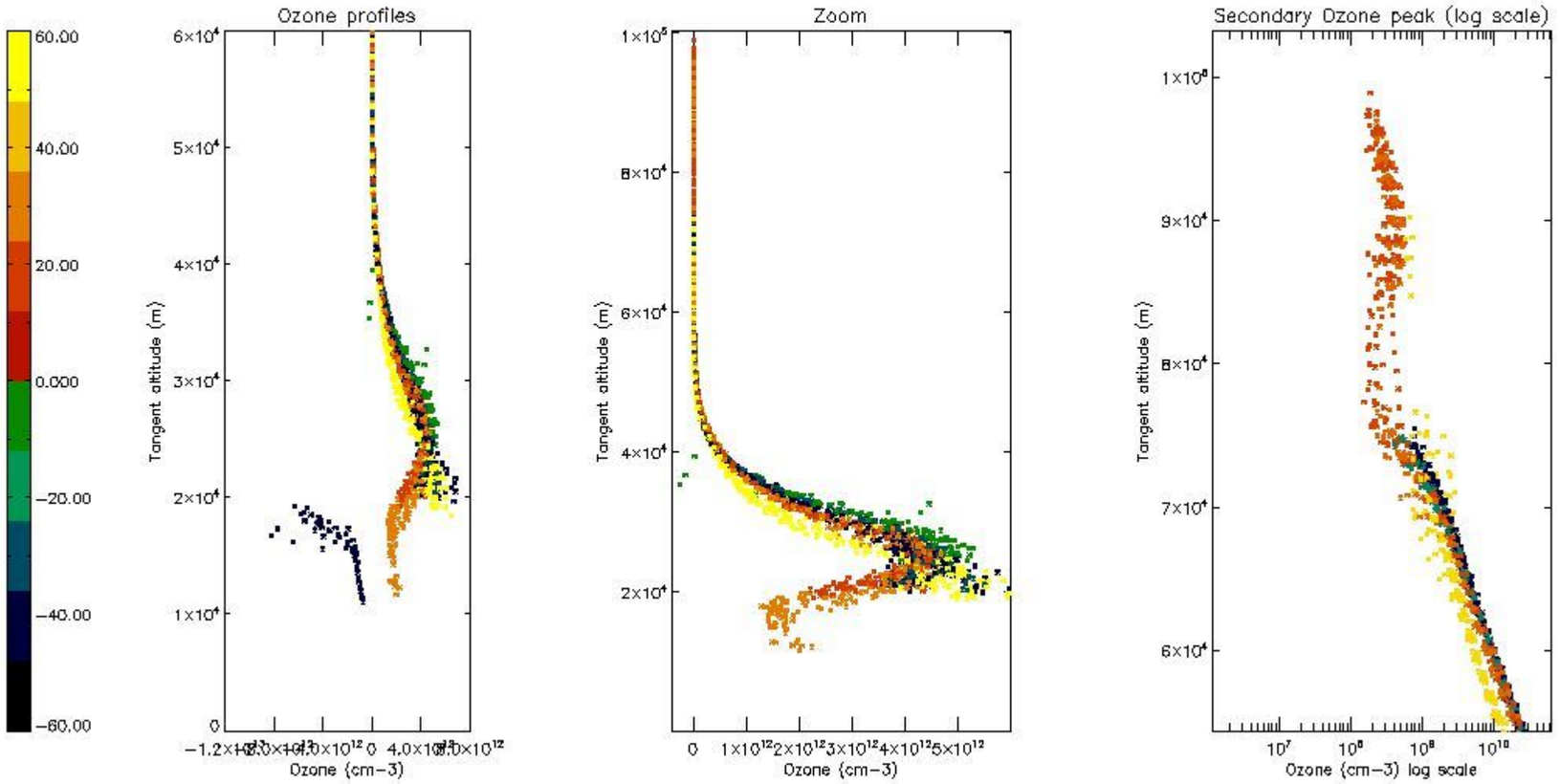
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



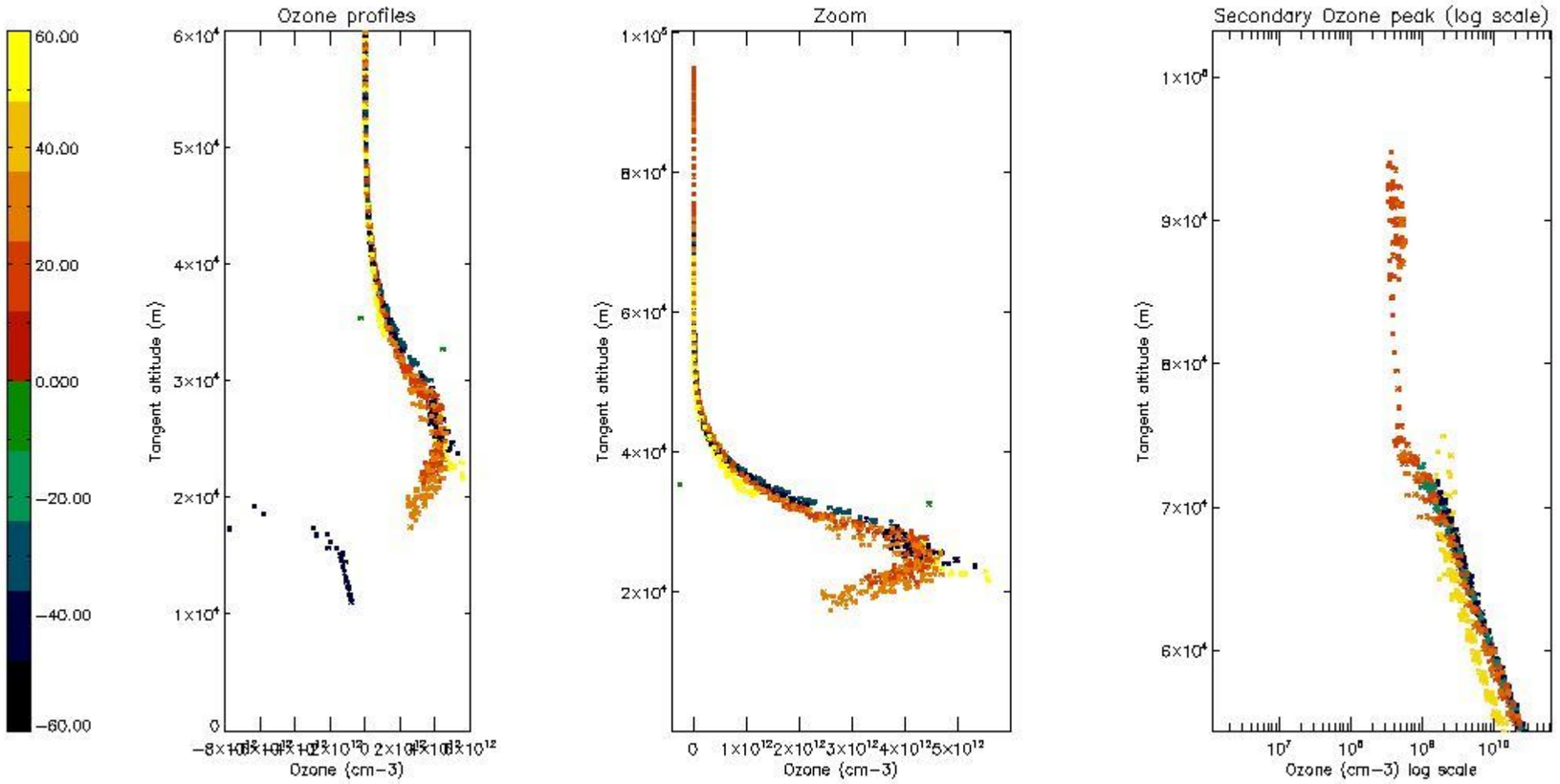
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



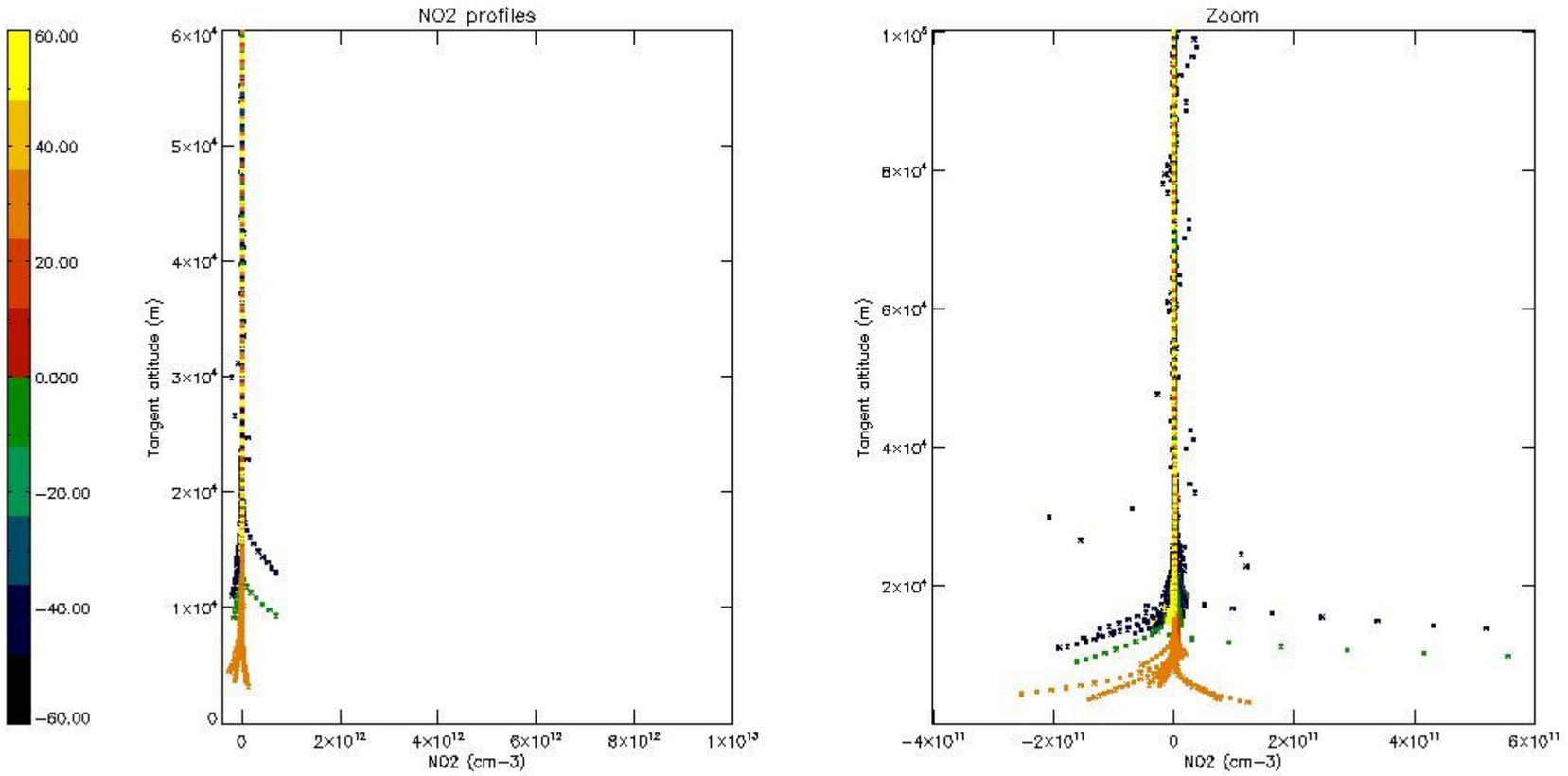
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



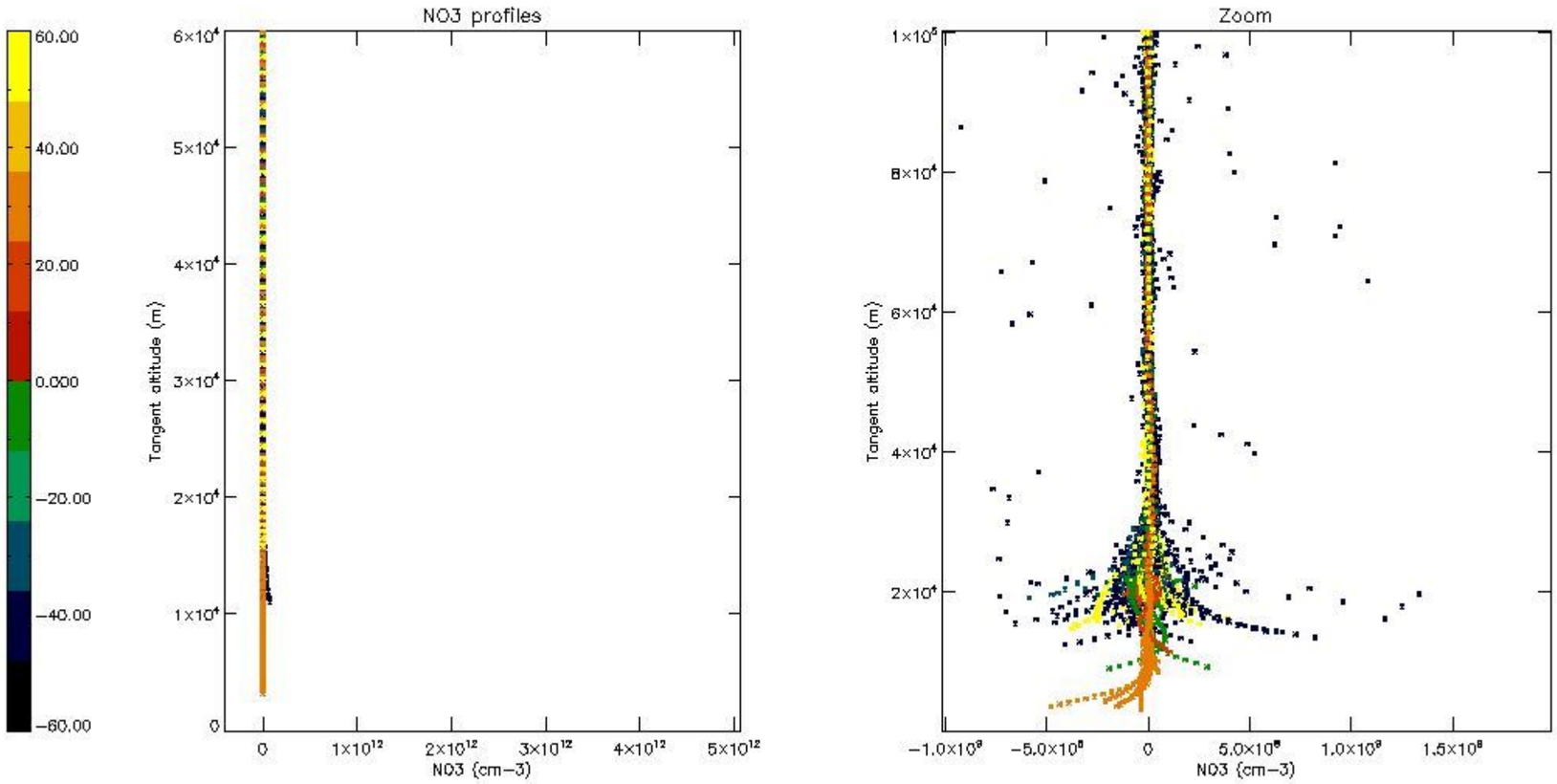
5.6 Plot NO2 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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	05-DEC-2007 00:11:50
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	05-DEC-2007 00:11:50
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	05-DEC-2007 00:11:50

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	23APR2013 13:06:01
Data source version	GOMOS/6.01
Start time of products	05-12-2007 (05DEC2007 00:00:00)
Stop time of products	06-12-2007 (06DEC2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	310
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20071205_001150_000000462064_00016_30130_6400.N1	05-DEC-2007 00:11:50	Bright	45.500	36	50Alp UMa	1.8000	6300.0	91	30130	No
2	GOM_NL__2PRFIN20071205_001517_000000402064_00016_30130_6401.N1	05-DEC-2007 00:15:17	Bright	40.000	32	77Eps UMa	1.7630	11000.	80	30130	No
3	GOM_NL__2PRFIN20071205_001728_000000372064_00016_30130_6402.N1	05-DEC-2007 00:17:28	Bright	36.500	39	85Eta UMa	1.8540	24000.	73	30130	No
4	GOM_NL__2PRFIN20071205_002058_000000402064_00016_30130_6403.N1	05-DEC-2007 00:20:58	Bright	39.500	152	12Alp2CVn	2.8900	11000.	79	30130	No
5	GOM_NL__2PRFIN20071205_002633_000000352064_00016_30130_6404.N1	05-DEC-2007 00:26:33	Bright	35.000	111	8Eta Boo	2.6800	6000.0	70	30130	No
6	GOM_NL__2PRFIN20071205_002948_000000422064_00016_30130_6405.N1	05-DEC-2007 00:29:48	Bright	41.500	138	47Eps Vir	2.8280	4700.0	83	30130	No
7	GOM_NL__2PRFIN20071205_003419_000000472064_00016_30130_6406.N1	05-DEC-2007 00:34:19	Bright	46.500	121	29Gam Vir	2.7400	7200.0	93	30130	No
8	GOM_NL__2PRFIN20071205_004010_000000452064_00016_30130_6407.N1	05-DEC-2007 00:40:10	Dark	45.000	100	4Gam Crv	2.5800	13100.	90	30130	No
9	GOM_NL__2PRFIN20071205_004147_000000502064_00016_30130_6408.N1	05-DEC-2007 00:41:47	Dark	49.500	171	2Eps Crv	3.0010	4250.0	99	30130	No
10	GOM_NL__2PRFIN20071205_005112_000000522064_00017_30131_6404.N1	05-DEC-2007 00:51:12	Dark	52.000	113	Mu Vel	2.6920	5000.0	104	30131	No
11	GOM_NL__2PRFIN20071205_005952_000000502064_00017_30131_6405.N1	05-DEC-2007 00:59:52	Dark	49.500	34	Gam2Vel	1.7930	23000.	99	30131	No
12	GOM_NL__2PRFIN20071205_010256_000000572064_00017_30131_6406.N1	05-DEC-2007 01:02:56	Dark	57.000	2	Alp Car	-0.73600	7000.0	114	30131	No
13	GOM_NL__2PRFIN20071205_010916_000000442064_00017_30131_6407.N1	05-DEC-2007 01:09:16	Dark	44.000	108	Alp Col	2.6520	15200.	88	30131	No
14	GOM_NL__2PRFIN20071205_011446_000000482064_00017_30131_6408.N1	05-DEC-2007 01:14:46	Straylight	48.000	101	11Alp Lep	2.5820	7000.0	96	30131	No
15	GOM_NL__2PRFIN20071205_011648_000000442064_00017_30131_6409.N1	05-DEC-2007 01:16:48	Straylight	44.000	165	34Gam Eri	2.9500	3200.0	88	30131	No
16	GOM_NL__2PRFIN20071205_011813_000000592064_00017_30131_6410.N1	05-DEC-2007 01:18:13	Straylight	58.500	7	19Bet Ori	0.10000	14000.	117	30131	No
17	GOM_NL__2PRFIN20071205_012600_000000602064_00017_30131_6411.N1	05-DEC-2007 01:26:00	Bright	60.000	13	87Alp Tau	0.86700	3800.0	120	30131	No
18	GOM_NL__2PRFIN20071205_012746_000000372064_00017_30131_6412.N1	05-DEC-2007 01:27:46	Bright	37.000	146	25Eta Tau	2.8730	15200.	74	30131	No
19	GOM_NL__2PRFIN20071205_013004_000000382064_00017_30131_6413.N1	05-DEC-2007 01:30:04	Bright	38.000	150	44Zet Per	2.8900	28000.	76	30131	No
20	GOM_NL__2PRFIN20071205_013228_000000372064_00017_30131_6414.N1	05-DEC-2007 01:32:28	Bright	36.500	149	45Eps Per	2.8880	30000.	73	30131	No
21	GOM_NL__2PRFIN20071205_013433_000000352064_00017_30131_6415.N1	05-DEC-2007 01:34:33	Bright	35.000	175	39Del Per	3.0100	19400.	70	30131	No
22	GOM_NL__2PRFIN20071205_013600_000000482064_00017_30131_6416.N1	05-DEC-2007 01:36:00	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	30131	No
23	GOM_NL__2PRFIN20071205_015226_000000462064_00017_30131_6417.N1	05-DEC-2007 01:52:26	Bright	45.500	36	50Alp UMa	1.8000	6300.0	91	30131	No
24	GOM_NL__2PRFIN20071205_015553_000000412064_00017_30131_6418.N1	05-DEC-2007 01:55:53	Bright	40.500	32	77Eps UMa	1.7630	11000.	81	30131	No
25	GOM_NL__2PRFIN20071205_015804_000000372064_00017_30131_6419.N1	05-DEC-2007 01:58:04	Bright	36.500	39	85Eta UMa	1.8540	24000.	73	30131	No
26	GOM_NL__2PRFIN20071205_020134_000000392064_00017_30131_6420.N1	05-DEC-2007 02:01:34	Bright	38.500	152	12Alp2CVn	2.8900	11000.	77	30131	No
27	GOM_NL__2PRFIN20071205_020709_000000352064_00017_30131_6421.N1	05-DEC-2007 02:07:09	Bright	34.500	111	8Eta Boo	2.6800	6000.0	69	30131	No
28	GOM_NL__2PRFIN20071205_021024_000000612064_00017_30131_6422.N1	05-DEC-2007 02:10:24	Bright	61.000	138	47Eps Vir	2.8280	4700.0	122	30131	No
29	GOM_NL__2PRFIN20071205_021456_000000472064_00017_30131_6423.N1	05-DEC-2007 02:14:56	Bright	46.500	121	29Gam Vir	2.7400	7200.0	93	30131	No
30	GOM_NL__2PRFIN20071205_022047_000000492064_00017_30131_6424.N1	05-DEC-2007 02:20:47	Dark	49.000	100	4Gam Crv	2.5800	13100.	98	30131	No
31	GOM_NL__2PRFIN20071205_023148_000000452064_00018_30132_6412.N1	05-DEC-2007 02:31:48	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	30132	No
32	GOM_NL__2PRFIN20071205_024029_000000492064_00018_30132_6413.N1	05-DEC-2007 02:40:29	Dark	49.000	34	Gam2Vel	1.7930	23000.	98	30132	No
33	GOM_NL__2PRFIN20071205_024332_000000532064_00018_30132_6414.N1	05-DEC-2007 02:43:32	Dark	52.500	2	Alp Car	-0.73600	7000.0	105	30132	No
34	GOM_NL__2PRFIN20071205_024952_000000452064_00018_30132_6415.N1	05-DEC-2007 02:49:52	Dark	45.000	108	Alp Col	2.6520	15200.	90	30132	No
35	GOM_NL__2PRFIN20071205_025522_000000522064_00018_30132_6416.N1	05-DEC-2007 02:55:22	Straylight	51.500	101	11Alp Lep	2.5820	7000.0	103	30132	No
36	GOM_NL__2PRFIN20071205_025724_000000432064_00018_30132_6417.N1	05-DEC-2007 02:57:24	Straylight	42.500	165	34Gam Eri	2.9500	3200.0	85	30132	No
37	GOM_NL__2PRFIN20071205_025848_000000562064_00018_30132_6418.N1	05-DEC-2007 02:58:48	Straylight	55.500	7	19Bet Ori	0.10000	14000.	111	30132	No
38	GOM_NL__2PRFIN20071205_030636_000000602064_00018_30132_6419.N1	05-DEC-2007 03:06:36	Bright	60.000	13	87Alp Tau	0.86700	3800.0	120	30132	No
39	GOM_NL__2PRFIN20071205_030821_000000392064_00018_30132_6420.N1	05-DEC-2007 03:08:21	Bright	38.500	146	25Eta Tau	2.8730	15200.	77	30132	No
40	GOM_NL__2PRFIN20071205_031040_000000372064_00018_30132_6421.N1	05-DEC-2007 03:10:40	Bright	36.500	150	44Zet Per	2.8900	28000.	73	30132	No
41	GOM_NL__2PRFIN20071205_031304_000000382064_00018_30132_6422.N1	05-DEC-2007 03:13:04	Bright	37.500	149	45Eps Per	2.8880	30000.	75	30132	No
42	GOM_NL__2PRFIN20071205_031508_000000352064_00018_30132_6423.N1	05-DEC-2007 03:15:08	Bright	35.000	175	39Del Per	3.0100	19400.	70	30132	No

43	GOM_NL__2PRFIN20071205_031635_000000492064_00018_30132_6424.N1	05-DEC-2007 03:16:35	Bright	48.500	6	13Alp Aur	0.080000	3400.0	97	30132	No
44	GOM_NL__2PRFIN20071205_033302_000000472064_00018_30132_6425.N1	05-DEC-2007 03:33:02	Bright	46.500	36	50Alp UMa	1.8000	6300.0	93	30132	No
45	GOM_NL__2PRFIN20071205_033629_000000572064_00018_30132_6426.N1	05-DEC-2007 03:36:29	Bright	57.000	32	77Eps UMa	1.7630	11000.	114	30132	No
46	GOM_NL__2PRFIN20071205_033840_000000432064_00018_30132_6427.N1	05-DEC-2007 03:38:40	Bright	42.500	39	85Eta UMa	1.8540	24000.	85	30132	No
47	GOM_NL__2PRFIN20071205_034210_000000402064_00018_30132_6428.N1	05-DEC-2007 03:42:10	Bright	39.500	152	12Alp2CVn	2.8900	11000.	79	30132	No
48	GOM_NL__2PRFIN20071205_034745_000000542064_00018_30132_6429.N1	05-DEC-2007 03:47:45	Bright	54.000	111	8Eta Boo	2.6800	6000.0	108	30132	No
49	GOM_NL__2PRFIN20071205_035100_000000612064_00018_30132_6430.N1	05-DEC-2007 03:51:00	Bright	61.000	138	47Eps Vir	2.8280	4700.0	122	30132	No
50	GOM_NL__2PRFIN20071205_035532_000000462064_00018_30132_6431.N1	05-DEC-2007 03:55:32	Bright	45.500	121	29Gam Vir	2.7400	7200.0	91	30132	No
51	GOM_NL__2PRFIN20071205_040124_000000482064_00018_30132_6432.N1	05-DEC-2007 04:01:24	Dark	48.000	100	4Gam Crv	2.5800	13100.	96	30132	No
52	GOM_NL__2PRFIN20071205_040300_000000522064_00018_30132_6433.N1	05-DEC-2007 04:03:00	Dark	52.000	171	2Eps Crv	3.0010	4250.0	104	30132	No
53	GOM_NL__2PRFIN20071205_041225_000000442064_00019_30133_6415.N1	05-DEC-2007 04:12:25	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	30133	No
54	GOM_NL__2PRFIN20071205_042106_000000482064_00019_30133_6416.N1	05-DEC-2007 04:21:06	Dark	48.000	34	Gam2Vel	1.7930	23000.	96	30133	No
55	GOM_NL__2PRFIN20071205_042409_000000542064_00019_30133_6417.N1	05-DEC-2007 04:24:09	Dark	53.500	2	Alp Car	-0.73600	7000.0	107	30133	No
56	GOM_NL__2PRFIN20071205_043028_000000452064_00019_30133_6418.N1	05-DEC-2007 04:30:28	Dark	44.500	108	Alp Col	2.6520	15200.	89	30133	No
57	GOM_NL__2PRFIN20071205_043558_000000522064_00019_30133_6419.N1	05-DEC-2007 04:35:58	Straylight	52.000	101	11Alp Lep	2.5820	7000.0	104	30133	No
58	GOM_NL__2PRFIN20071205_043805_000000402064_00019_30133_6420.N1	05-DEC-2007 04:38:05	Straylight	40.000	165	34Gam Eri	2.9500	3200.0	80	30133	No
59	GOM_NL__2PRFIN20071205_043924_000000622064_00019_30133_6421.N1	05-DEC-2007 04:39:24	Straylight	62.000	7	19Bet Ori	0.10000	14000.	124	30133	No
60	GOM_NL__2PRFIN20071205_044711_000000602064_00019_30133_6422.N1	05-DEC-2007 04:47:11	Bright	60.000	13	87Alp Tau	0.86700	3800.0	120	30133	No
61	GOM_NL__2PRFIN20071205_044857_000000382064_00019_30133_6423.N1	05-DEC-2007 04:48:57	Bright	38.000	146	25Eta Tau	2.8730	15200.	76	30133	No
62	GOM_NL__2PRFIN20071205_045116_000000382064_00019_30133_6424.N1	05-DEC-2007 04:51:16	Bright	38.000	150	44Zet Per	2.8900	28000.	76	30133	No
63	GOM_NL__2PRFIN20071205_045340_000000362064_00019_30133_6425.N1	05-DEC-2007 04:53:40	Bright	35.500	149	45Eps Per	2.8880	30000.	71	30133	No
64	GOM_NL__2PRFIN20071205_045544_000000352064_00019_30133_6426.N1	05-DEC-2007 04:55:44	Bright	35.000	175	39Del Per	3.0100	19400.	70	30133	No
65	GOM_NL__2PRFIN20071205_045711_000000502064_00019_30133_6427.N1	05-DEC-2007 04:57:11	Bright	49.500	6	13Alp Aur	0.080000	3400.0	99	30133	No
66	GOM_NL__2PRFIN20071205_051337_000000472064_00019_30133_6428.N1	05-DEC-2007 05:13:37	Bright	46.500	36	50Alp UMa	1.8000	6300.0	93	30133	No
67	GOM_NL__2PRFIN20071205_051705_000000522064_00019_30133_6429.N1	05-DEC-2007 05:17:05	Bright	52.000	32	77Eps UMa	1.7630	11000.	104	30133	No
68	GOM_NL__2PRFIN20071205_051916_000000362064_00019_30133_6430.N1	05-DEC-2007 05:19:16	Bright	36.000	39	85Eta UMa	1.8540	24000.	72	30133	No
69	GOM_NL__2PRFIN20071205_052246_000000412064_00019_30133_6431.N1	05-DEC-2007 05:22:46	Bright	41.000	152	12Alp2CVn	2.8900	11000.	82	30133	No
70	GOM_NL__2PRFIN20071205_052822_000000362064_00019_30133_6432.N1	05-DEC-2007 05:28:22	Bright	35.500	111	8Eta Boo	2.6800	6000.0	71	30133	No
71	GOM_NL__2PRFIN20071205_053137_000000572064_00019_30133_6433.N1	05-DEC-2007 05:31:37	Bright	57.000	138	47Eps Vir	2.8280	4700.0	114	30133	No
72	GOM_NL__2PRFIN20071205_053609_000000492064_00019_30133_6434.N1	05-DEC-2007 05:36:09	Bright	48.500	121	29Gam Vir	2.7400	7200.0	97	30133	No
73	GOM_NL__2PRFIN20071205_054201_000000522064_00019_30133_6435.N1	05-DEC-2007 05:42:01	Dark	52.000	100	4Gam Crv	2.5800	13100.	104	30133	No
74	GOM_NL__2PRFIN20071205_054337_000000512064_00019_30133_6436.N1	05-DEC-2007 05:43:37	Dark	51.000	171	2Eps Crv	3.0010	4250.0	102	30133	No
75	GOM_NL__2PRFIN20071205_055302_000000432064_00020_30134_6452.N1	05-DEC-2007 05:53:02	Dark	42.500	113	Mu Vel	2.6920	5000.0	85	30134	No
76	GOM_NL__2PRFIN20071205_060143_000000462064_00020_30134_6453.N1	05-DEC-2007 06:01:43	Dark	46.000	34	Gam2Vel	1.7930	23000.	92	30134	No
77	GOM_NL__2PRFIN20071205_060445_000000572064_00020_30134_6454.N1	05-DEC-2007 06:04:45	Dark	57.000	2	Alp Car	-0.73600	7000.0	114	30134	No
78	GOM_NL__2PRFIN20071205_061105_000000462064_00020_30134_6455.N1	05-DEC-2007 06:11:05	Dark	45.500	108	Alp Col	2.6520	15200.	91	30134	No
79	GOM_NL__2PRFIN20071205_061634_000000512064_00020_30134_6456.N1	05-DEC-2007 06:16:34	Straylight	51.000	101	11Alp Lep	2.5820	7000.0	102	30134	No
80	GOM_NL__2PRFIN20071205_062000_000000582064_00020_30134_6457.N1	05-DEC-2007 06:20:00	Straylight	57.500	7	19Bet Ori	0.10000	14000.	115	30134	No
81	GOM_NL__2PRFIN20071205_062747_000000602064_00020_30134_6458.N1	05-DEC-2007 06:27:47	Bright	60.000	13	87Alp Tau	0.86700	3800.0	120	30134	No
82	GOM_NL__2PRFIN20071205_062933_000000392064_00020_30134_6459.N1	05-DEC-2007 06:29:33	Bright	38.500	146	25Eta Tau	2.8730	15200.	77	30134	No
83	GOM_NL__2PRFIN20071205_063152_000000382064_00020_30134_6460.N1	05-DEC-2007 06:31:52	Bright	37.500	150	44Zet Per	2.8900	28000.	75	30134	No
84	GOM_NL__2PRFIN20071205_063415_000000362064_00020_30134_6461.N1	05-DEC-2007 06:34:15	Bright	35.500	149	45Eps Per	2.8880	30000.	71	30134	No
85	GOM_NL__2PRFIN20071205_063620_000000362064_00020_30134_6462.N1	05-DEC-2007 06:36:20	Bright	35.500	175	39Del Per	3.0100	19400.	71	30134	No
86	GOM_NL__2PRFIN20071205_063746_000000482064_00020_30134_6463.N1	05-DEC-2007 06:37:46	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	30134	No
87	GOM_NL__2PRFIN20071205_065413_000000432064_00020_30134_6464.N1	05-DEC-2007 06:54:13	Bright	43.000	36	50Alp UMa	1.8000	6300.0	86	30134	No
88	GOM_NL__2PRFIN20071205_065740_000000392064_00020_30134_6465.N1	05-DEC-2007 06:57:40	Bright	39.000	32	77Eps UMa	1.7630	11000.	78	30134	No
89	GOM_NL__2PRFIN20071205_065952_000000382064_00020_30134_6466.N1	05-DEC-2007 06:59:52	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	30134	No
90	GOM_NL__2PRFIN20071205_070322_000000412064_00020_30134_6467.N1	05-DEC-2007 07:03:22	Bright	40.500	152	12Alp2CVn	2.8900	11000.	81	30134	No
91	GOM_NL__2PRFIN20071205_070858_000000352064_00020_30134_6468.N1	05-DEC-2007 07:08:58	Bright	35.000	111	8Eta Boo	2.6800	6000.0	70	30134	No
92	GOM_NL__2PRFIN20071205_071213_000000562064_00020_30134_6469.N1	05-DEC-2007 07:12:13	Bright	56.000	138	47Eps Vir	2.8280	4700.0	112	30134	No
93	GOM_NL__2PRFIN20071205_071645_000000482064_00020_30134_6470.N1	05-DEC-2007 07:16:45	Bright	47.500	121	29Gam Vir	2.7400	7200.0	95	30134	No
94	GOM_NL__2PRFIN20071205_072238_000000502064_00020_30134_6471.N1	05-DEC-2007 07:22:38	Dark	50.000	100	4Gam Crv	2.5800	13100.	100	30134	No
95	GOM_NL__2PRFIN20071205_072414_000000502064_00020_30134_6472.N1	05-DEC-2007 07:24:14	Dark	49.500	171	2Eps Crv	3.0010	4250.0	99	30134	No
96	GOM_NL__2PRFIN20071205_073025_000000412064_00020_30134_6473.N1	05-DEC-2007 07:30:25	Dark	40.500	99	Del Cen	2.5750	26000.	81	30134	No
97	GOM_NL__2PRFIN20071205_073339_000000532064_00021_30135_6467.N1	05-DEC-2007 07:33:39	Dark	52.500	113	Mu Vel	2.6920	5000.0	105	30135	No
98	GOM_NL__2PRFIN20071205_074219_000000472064_00021_30135_6468.N1	05-DEC-2007 07:42:19	Dark	47.000	34	Gam2Vel	1.7930	23000.	94	30135	No
99	GOM_NL__2PRFIN20071205_074522_000000542064_00021_30135_6469.N1	05-DEC-2007 07:45:22	Dark	53.500	2	Alp Car	-0.73600	7000.0	107	30135	No
100	GOM_NL__2PRFIN20071205_075141_000000462064_00021_30135_6470.N1	05-DEC-2007 07:51:41	Dark	46.000	108	Alp Col	2.6520	15200.	92	30135	No
101	GOM_NL__2PRFIN20071205_075710_000000482064_00021_30135_6471.N1	05-DEC-2007 07:57:10	Straylight	48.000	101	11Alp Lep	2.5820	7000.0	96	30135	No

102	GOM_NL__2PRFIN20071205_080036_000000612064_00021_30135_6472.N1	05-DEC-2007 08:00:36	Straylight	61.000	7	19Bet Ori	0.10000	14000.	122	30135	No
103	GOM_NL__2PRFIN20071205_080823_000000602064_00021_30135_6473.N1	05-DEC-2007 08:08:23	Bright	60.000	13	87Alp Tau	0.86700	3800.0	120	30135	No
104	GOM_NL__2PRFIN20071205_081009_000000372064_00021_30135_6474.N1	05-DEC-2007 08:10:09	Bright	37.000	146	25Eta Tau	2.8730	15200.	74	30135	No
105	GOM_NL__2PRFIN20071205_081228_000000382064_00021_30135_6475.N1	05-DEC-2007 08:12:28	Bright	38.000	150	44Zet Per	2.8900	28000.	76	30135	No
106	GOM_NL__2PRFIN20071205_081451_000000372064_00021_30135_6476.N1	05-DEC-2007 08:14:51	Bright	36.500	149	45Eps Per	2.8880	30000.	73	30135	No
107	GOM_NL__2PRFIN20071205_081656_000000352064_00021_30135_6477.N1	05-DEC-2007 08:16:56	Bright	34.500	175	39Del Per	3.0100	19400.	69	30135	No
108	GOM_NL__2PRFIN20071205_081822_000000482064_00021_30135_6478.N1	05-DEC-2007 08:18:22	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	30135	No
109	GOM_NL__2PRFIN20071205_083448_000000452064_00021_30135_6479.N1	05-DEC-2007 08:34:48	Bright	44.500	36	50Alp UMa	1.8000	6300.0	89	30135	No
110	GOM_NL__2PRFIN20071205_083816_000000412064_00021_30135_6480.N1	05-DEC-2007 08:38:16	Bright	41.000	32	77Eps UMa	1.7630	11000.	82	30135	No
111	GOM_NL__2PRFIN20071205_084028_000000382064_00021_30135_6481.N1	05-DEC-2007 08:40:28	Bright	38.000	39	85Eta UMa	1.8540	24000.	76	30135	No
112	GOM_NL__2PRFIN20071205_084358_000000392064_00021_30135_6482.N1	05-DEC-2007 08:43:58	Bright	39.000	152	12Alp2CVn	2.8900	11000.	78	30135	No
113	GOM_NL__2PRFIN20071205_084934_000000362064_00021_30135_6483.N1	05-DEC-2007 08:49:34	Bright	35.500	111	8Eta Boo	2.6800	6000.0	71	30135	No
114	GOM_NL__2PRFIN20071205_085250_000000412064_00021_30135_6484.N1	05-DEC-2007 08:52:50	Bright	40.500	138	47Eps Vir	2.8280	4700.0	81	30135	No
115	GOM_NL__2PRFIN20071205_085722_000000462064_00021_30135_6485.N1	05-DEC-2007 08:57:22	Bright	46.000	121	29Gam Vir	2.7400	7200.0	92	30135	No
116	GOM_NL__2PRFIN20071205_090314_000000502064_00021_30135_6486.N1	05-DEC-2007 09:03:14	Dark	49.500	100	4Gam Crv	2.5800	13100.	99	30135	No
117	GOM_NL__2PRFIN20071205_090451_000000492064_00021_30135_6487.N1	05-DEC-2007 09:04:51	Dark	49.000	171	2Eps Crv	3.0010	4250.0	98	30135	No
118	GOM_NL__2PRFIN20071205_091101_000000392064_00021_30135_6488.N1	05-DEC-2007 09:11:01	Dark	38.500	99	Del Cen	2.5750	26000.	77	30135	No
119	GOM_NL__2PRFIN20071205_091415_000000432064_00022_30136_6478.N1	05-DEC-2007 09:14:15	Dark	43.000	113	Mu Vel	2.6920	5000.0	86	30136	No
120	GOM_NL__2PRFIN20071205_092256_000000482064_00022_30136_6479.N1	05-DEC-2007 09:22:56	Dark	48.000	34	Gam2Vel	1.7930	23000.	96	30136	No
121	GOM_NL__2PRFIN20071205_092558_000000492064_00022_30136_6480.N1	05-DEC-2007 09:25:58	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	30136	No
122	GOM_NL__2PRFIN20071205_093217_000000442064_00022_30136_6481.N1	05-DEC-2007 09:32:17	Dark	44.000	108	Alp Col	2.6520	15200.	88	30136	No
123	GOM_NL__2PRFIN20071205_093746_000000482064_00022_30136_6482.N1	05-DEC-2007 09:37:46	Straylight	48.000	101	11Alp Lep	2.5820	7000.0	96	30136	No
124	GOM_NL__2PRFIN20071205_094112_000000562064_00022_30136_6483.N1	05-DEC-2007 09:41:12	Straylight	56.000	7	19Bet Ori	0.10000	14000.	112	30136	No
125	GOM_NL__2PRFIN20071205_094858_000000562064_00022_30136_6484.N1	05-DEC-2007 09:48:58	Bright	55.500	13	87Alp Tau	0.86700	3800.0	111	30136	No
126	GOM_NL__2PRFIN20071205_095045_000000382064_00022_30136_6485.N1	05-DEC-2007 09:50:45	Bright	38.000	146	25Eta Tau	2.8730	15200.	76	30136	No
127	GOM_NL__2PRFIN20071205_095303_000000372064_00022_30136_6486.N1	05-DEC-2007 09:53:03	Bright	37.000	150	44Zet Per	2.8900	28000.	74	30136	No
128	GOM_NL__2PRFIN20071205_095437_000000452064_00022_30136_6487.N1	05-DEC-2007 09:54:37	Bright	44.500	114	3Iot Aur	2.6930	4600.0	89	30136	No
129	GOM_NL__2PRFIN20071205_095732_000000362064_00022_30136_6488.N1	05-DEC-2007 09:57:32	Bright	35.500	175	39Del Per	3.0100	19400.	71	30136	No
130	GOM_NL__2PRFIN20071205_095857_000000462064_00022_30136_6489.N1	05-DEC-2007 09:58:57	Bright	46.000	6	13Alp Aur	0.080000	3400.0	92	30136	No
131	GOM_NL__2PRFIN20071205_101524_000000462064_00022_30136_6490.N1	05-DEC-2007 10:15:24	Bright	45.500	36	50Alp UMa	1.8000	6300.0	91	30136	No
132	GOM_NL__2PRFIN20071205_101852_000000402064_00022_30136_6491.N1	05-DEC-2007 10:18:52	Bright	40.000	32	77Eps UMa	1.7630	11000.	80	30136	No
133	GOM_NL__2PRFIN20071205_102104_000000382064_00022_30136_6492.N1	05-DEC-2007 10:21:04	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	30136	No
134	GOM_NL__2PRFIN20071205_102434_000000412064_00022_30136_6493.N1	05-DEC-2007 10:24:34	Bright	41.000	152	12Alp2CVn	2.8900	11000.	82	30136	No
135	GOM_NL__2PRFIN20071205_103010_000000362064_00022_30136_6494.N1	05-DEC-2007 10:30:10	Bright	36.000	111	8Eta Boo	2.6800	6000.0	72	30136	No
136	GOM_NL__2PRFIN20071205_103326_000000412064_00022_30136_6495.N1	05-DEC-2007 10:33:26	Bright	40.500	138	47Eps Vir	2.8280	4700.0	81	30136	No
137	GOM_NL__2PRFIN20071205_103759_000000462064_00022_30136_6496.N1	05-DEC-2007 10:37:59	Bright	45.500	121	29Gam Vir	2.7400	7200.0	91	30136	No
138	GOM_NL__2PRFIN20071205_104351_000000512064_00022_30136_6497.N1	05-DEC-2007 10:43:51	Dark	51.000	100	4Gam Crv	2.5800	13100.	102	30136	No
139	GOM_NL__2PRFIN20071205_104528_000000522064_00022_30136_6498.N1	05-DEC-2007 10:45:28	Dark	52.000	171	2Eps Crv	3.0010	4250.0	104	30136	No
140	GOM_NL__2PRFIN20071205_105138_000000392064_00022_30136_6499.N1	05-DEC-2007 10:51:38	Dark	39.000	99	Del Cen	2.5750	26000.	78	30136	No
141	GOM_NL__2PRFIN20071205_105452_000000442064_00023_30137_6504.N1	05-DEC-2007 10:54:52	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	30137	No
142	GOM_NL__2PRFIN20071205_110333_000000472064_00023_30137_6505.N1	05-DEC-2007 11:03:33	Dark	47.000	34	Gam2Vel	1.7930	23000.	94	30137	No
143	GOM_NL__2PRFIN20071205_110634_000000472064_00023_30137_6506.N1	05-DEC-2007 11:06:34	Dark	46.500	2	Alp Car	-0.73600	7000.0	93	30137	No
144	GOM_NL__2PRFIN20071205_111253_000000432064_00023_30137_6507.N1	05-DEC-2007 11:12:53	Dark	42.500	108	Alp Col	2.6520	15200.	85	30137	No
145	GOM_NL__2PRFIN20071205_111822_000000492064_00023_30137_6508.N1	05-DEC-2007 11:18:22	Straylight	48.500	101	11Alp Lep	2.5820	7000.0	97	30137	No
146	GOM_NL__2PRFIN20071205_112148_000000512064_00023_30137_6509.N1	05-DEC-2007 11:21:48	Straylight	51.000	7	19Bet Ori	0.10000	14000.	102	30137	No
147	GOM_NL__2PRFIN20071205_112934_000000562064_00023_30137_6510.N1	05-DEC-2007 11:29:34	Bright	55.500	13	87Alp Tau	0.86700	3800.0	111	30137	No
148	GOM_NL__2PRFIN20071205_113120_000000372064_00023_30137_6511.N1	05-DEC-2007 11:31:20	Bright	37.000	146	25Eta Tau	2.8730	15200.	74	30137	No
149	GOM_NL__2PRFIN20071205_113339_000000372064_00023_30137_6512.N1	05-DEC-2007 11:33:39	Bright	37.000	150	44Zet Per	2.8900	28000.	74	30137	No
150	GOM_NL__2PRFIN20071205_113513_000000442064_00023_30137_6513.N1	05-DEC-2007 11:35:13	Bright	44.000	114	3Iot Aur	2.6930	4600.0	88	30137	No
151	GOM_NL__2PRFIN20071205_113807_000000362064_00023_30137_6514.N1	05-DEC-2007 11:38:07	Bright	36.000	175	39Del Per	3.0100	19400.	72	30137	No
152	GOM_NL__2PRFIN20071205_113932_000000462064_00023_30137_6515.N1	05-DEC-2007 11:39:32	Bright	46.000	6	13Alp Aur	0.080000	3400.0	92	30137	No
153	GOM_NL__2PRFIN20071205_115559_000000412064_00023_30137_6516.N1	05-DEC-2007 11:55:59	Bright	40.500	36	50Alp UMa	1.8000	6300.0	81	30137	No
154	GOM_NL__2PRFIN20071205_115928_000000392064_00023_30137_6517.N1	05-DEC-2007 11:59:28	Bright	38.500	32	77Eps UMa	1.7630	11000.	77	30137	No
155	GOM_NL__2PRFIN20071205_120139_000000392064_00023_30137_6518.N1	05-DEC-2007 12:01:39	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	30137	No
156	GOM_NL__2PRFIN20071205_120510_000000392064_00023_30137_6519.N1	05-DEC-2007 12:05:10	Bright	38.500	152	12Alp2CVn	2.8900	11000.	77	30137	No
157	GOM_NL__2PRFIN20071205_121046_000000352064_00023_30137_6520.N1	05-DEC-2007 12:10:46	Bright	34.500	111	8Eta Boo	2.6800	6000.0	69	30137	No
158	GOM_NL__2PRFIN20071205_121402_000000412064_00023_30137_6521.N1	05-DEC-2007 12:14:02	Bright	40.500	138	47Eps Vir	2.8280	4700.0	81	30137	No
159	GOM_NL__2PRFIN20071205_121835_000000482064_00023_30137_6522.N1	05-DEC-2007 12:18:35	Bright	48.000	121	29Gam Vir	2.7400	7200.0	96	30137	No
160	GOM_NL__2PRFIN20071205_122428_000000492064_00023_30137_6523.N1	05-DEC-2007 12:24:28	Dark	48.500	100	4Gam Crv	2.5800	13100.	97	30137	No

161	GOM_NL__2PRFIN20071205_122604_000000512064_00023_30137_6524.N1	05-DEC-2007 12:26:04	Dark	50.500	171	2Eps Crv	3.0010	4250.0	101	30137	No
162	GOM_NL__2PRFIN20071205_123214_000000392064_00023_30137_6525.N1	05-DEC-2007 12:32:14	Dark	39.000	99	Del Cen	2.5750	26000.	78	30137	No
163	GOM_NL__2PRFIN20071205_123529_000000432064_00024_30138_6511.N1	05-DEC-2007 12:35:29	Dark	42.500	113	Mu Vel	2.6920	5000.0	85	30138	No
164	GOM_NL__2PRFIN20071205_124410_000000482064_00024_30138_6512.N1	05-DEC-2007 12:44:10	Dark	47.500	34	Gam2Vel	1.7930	23000.	95	30138	No
165	GOM_NL__2PRFIN20071205_124711_000000562064_00024_30138_6513.N1	05-DEC-2007 12:47:11	Dark	55.500	2	Alp Car	-0.73600	7000.0	111	30138	No
166	GOM_NL__2PRFIN20071205_125330_000000412064_00024_30138_6514.N1	05-DEC-2007 12:53:30	Dark	40.500	108	Alp Col	2.6520	15200.	81	30138	No
167	GOM_NL__2PRFIN20071205_125858_000000472064_00024_30138_6515.N1	05-DEC-2007 12:58:58	Straylight	46.500	101	11Alp Lep	2.5820	7000.0	93	30138	No
168	GOM_NL__2PRFIN20071205_130224_000000602064_00024_30138_6516.N1	05-DEC-2007 13:02:24	Straylight	60.000	7	19Bet Ori	0.10000	14000.	120	30138	No
169	GOM_NL__2PRFIN20071205_131010_000000572064_00024_30138_6517.N1	05-DEC-2007 13:10:10	Bright	56.500	13	87Alp Tau	0.86700	3800.0	113	30138	No
170	GOM_NL__2PRFIN20071205_131156_000000382064_00024_30138_6518.N1	05-DEC-2007 13:11:56	Bright	38.000	146	25Eta Tau	2.8730	15200.	76	30138	No
171	GOM_NL__2PRFIN20071205_131415_000000382064_00024_30138_6519.N1	05-DEC-2007 13:14:15	Bright	38.000	150	44Zet Per	2.8900	28000.	76	30138	No
172	GOM_NL__2PRFIN20071205_131548_000000442064_00024_30138_6520.N1	05-DEC-2007 13:15:48	Bright	44.000	114	3Iot Aur	2.6930	4600.0	88	30138	No
173	GOM_NL__2PRFIN20071205_131843_000000352064_00024_30138_6521.N1	05-DEC-2007 13:18:43	Bright	35.000	175	39Del Per	3.0100	19400.	70	30138	No
174	GOM_NL__2PRFIN20071205_132008_000000442064_00024_30138_6522.N1	05-DEC-2007 13:20:08	Bright	44.000	6	13Alp Aur	0.080000	3400.0	88	30138	No
175	GOM_NL__2PRFIN20071205_133635_000000462064_00024_30138_6523.N1	05-DEC-2007 13:36:35	Bright	45.500	36	50Alp UMa	1.8000	6300.0	91	30138	No
176	GOM_NL__2PRFIN20071205_134004_000000382064_00024_30138_6524.N1	05-DEC-2007 13:40:04	Bright	38.000	32	77Eps UMa	1.7630	11000.	76	30138	No
177	GOM_NL__2PRFIN20071205_134215_000000372064_00024_30138_6525.N1	05-DEC-2007 13:42:15	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	30138	No
178	GOM_NL__2PRFIN20071205_134546_000000402064_00024_30138_6526.N1	05-DEC-2007 13:45:46	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	30138	No
179	GOM_NL__2PRFIN20071205_135122_000000542064_00024_30138_6527.N1	05-DEC-2007 13:51:22	Bright	54.000	111	8Eta Boo	2.6800	6000.0	108	30138	No
180	GOM_NL__2PRFIN20071205_135438_000000422064_00024_30138_6528.N1	05-DEC-2007 13:54:38	Bright	41.500	138	47Eps Vir	2.8280	4700.0	83	30138	No
181	GOM_NL__2PRFIN20071205_135912_000000462064_00024_30138_6529.N1	05-DEC-2007 13:59:12	Bright	46.000	121	29Gam Vir	2.7400	7200.0	92	30138	No
182	GOM_NL__2PRFIN20071205_140505_000000472064_00024_30138_6530.N1	05-DEC-2007 14:05:05	Dark	47.000	100	4Gam Crv	2.5800	13100.	94	30138	No
183	GOM_NL__2PRFIN20071205_140641_000000532064_00024_30138_6531.N1	05-DEC-2007 14:06:41	Dark	52.500	171	2Eps Crv	3.0010	4250.0	105	30138	No
184	GOM_NL__2PRFIN20071205_141250_000000392064_00024_30138_6532.N1	05-DEC-2007 14:12:50	Dark	39.000	99	Del Cen	2.5750	26000.	78	30138	No
185	GOM_NL__2PRFIN20071205_141605_000000442064_00025_30139_6532.N1	05-DEC-2007 14:16:05	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	30139	No
186	GOM_NL__2PRFIN20071205_142446_000000472064_00025_30139_6533.N1	05-DEC-2007 14:24:46	Dark	47.000	34	Gam2Vel	1.7930	23000.	94	30139	No
187	GOM_NL__2PRFIN20071205_142747_000000492064_00025_30139_6534.N1	05-DEC-2007 14:27:47	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	30139	No
188	GOM_NL__2PRFIN20071205_143406_000000462064_00025_30139_6535.N1	05-DEC-2007 14:34:06	Dark	45.500	108	Alp Col	2.6520	15200.	91	30139	No
189	GOM_NL__2PRFIN20071205_143934_000000482064_00025_30139_6536.N1	05-DEC-2007 14:39:34	Straylight	48.000	101	11Alp Lep	2.5820	7000.0	96	30139	No
190	GOM_NL__2PRFIN20071205_144300_000000582064_00025_30139_6537.N1	05-DEC-2007 14:43:00	Straylight	58.000	7	19Bet Ori	0.10000	14000.	116	30139	No
191	GOM_NL__2PRFIN20071205_145045_000000582064_00025_30139_6538.N1	05-DEC-2007 14:50:45	Bright	58.000	13	87Alp Tau	0.86700	3800.0	116	30139	No
192	GOM_NL__2PRFIN20071205_145232_000000382064_00025_30139_6539.N1	05-DEC-2007 14:52:32	Bright	37.500	146	25Eta Tau	2.8730	15200.	75	30139	No
193	GOM_NL__2PRFIN20071205_145451_000000382064_00025_30139_6540.N1	05-DEC-2007 14:54:51	Bright	37.500	150	44Zet Per	2.8900	28000.	75	30139	No
194	GOM_NL__2PRFIN20071205_145623_000000432064_00025_30139_6541.N1	05-DEC-2007 14:56:23	Bright	43.000	114	3Iot Aur	2.6930	4600.0	86	30139	No
195	GOM_NL__2PRFIN20071205_145919_000000342064_00025_30139_6542.N1	05-DEC-2007 14:59:19	Bright	34.000	175	39Del Per	3.0100	19400.	68	30139	No
196	GOM_NL__2PRFIN20071205_150043_000000472064_00025_30139_6543.N1	05-DEC-2007 15:00:43	Bright	47.000	6	13Alp Aur	0.080000	3400.0	94	30139	No
197	GOM_NL__2PRFIN20071205_151710_000000442064_00025_30139_6544.N1	05-DEC-2007 15:17:10	Bright	44.000	36	50Alp UMa	1.8000	6300.0	88	30139	No
198	GOM_NL__2PRFIN20071205_152039_000000402064_00025_30139_6545.N1	05-DEC-2007 15:20:39	Bright	39.500	32	77Eps UMa	1.7630	11000.	79	30139	No
199	GOM_NL__2PRFIN20071205_152251_000000372064_00025_30139_6546.N1	05-DEC-2007 15:22:51	Bright	36.500	39	85Eta UMa	1.8540	24000.	73	30139	No
200	GOM_NL__2PRFIN20071205_152622_000000422064_00025_30139_6547.N1	05-DEC-2007 15:26:22	Bright	41.500	152	12Alp2CVn	2.8900	11000.	83	30139	No
201	GOM_NL__2PRFIN20071205_153159_000000362064_00025_30139_6548.N1	05-DEC-2007 15:31:59	Bright	36.000	111	8Eta Boo	2.6800	6000.0	72	30139	No
202	GOM_NL__2PRFIN20071205_153515_000000432064_00025_30139_6549.N1	05-DEC-2007 15:35:15	Bright	42.500	138	47Eps Vir	2.8280	4700.0	85	30139	No
203	GOM_NL__2PRFIN20071205_153948_000000472064_00025_30139_6550.N1	05-DEC-2007 15:39:48	Bright	47.000	121	29Gam Vir	2.7400	7200.0	94	30139	No
204	GOM_NL__2PRFIN20071205_154542_000000492064_00025_30139_6551.N1	05-DEC-2007 15:45:42	Dark	49.000	100	4Gam Crv	2.5800	13100.	98	30139	No
205	GOM_NL__2PRFIN20071205_154718_000000552064_00025_30139_6552.N1	05-DEC-2007 15:47:18	Dark	54.500	171	2Eps Crv	3.0010	4250.0	109	30139	No
206	GOM_NL__2PRFIN20071205_155327_000000402064_00025_30139_6553.N1	05-DEC-2007 15:53:27	Dark	40.000	99	Del Cen	2.5750	26000.	80	30139	No
207	GOM_NL__2PRFIN20071205_155642_000000422064_00026_30140_6563.N1	05-DEC-2007 15:56:42	Dark	42.000	113	Mu Vel	2.6920	5000.0	84	30140	No
208	GOM_NL__2PRFIN20071205_160523_000000482064_00026_30140_6564.N1	05-DEC-2007 16:05:23	Dark	48.000	34	Gam2Vel	1.7930	23000.	96	30140	No
209	GOM_NL__2PRFIN20071205_160823_000000502064_00026_30140_6565.N1	05-DEC-2007 16:08:23	Dark	50.000	2	Alp Car	-0.73600	7000.0	100	30140	No
210	GOM_NL__2PRFIN20071205_161442_000000452064_00026_30140_6566.N1	05-DEC-2007 16:14:42	Dark	44.500	108	Alp Col	2.6520	15200.	89	30140	No
211	GOM_NL__2PRFIN20071205_162011_000000482064_00026_30140_6567.N1	05-DEC-2007 16:20:11	Straylight	48.000	101	11Alp Lep	2.5820	7000.0	96	30140	No
212	GOM_NL__2PRFIN20071205_162336_000000602064_00026_30140_6568.N1	05-DEC-2007 16:23:36	Straylight	60.000	7	19Bet Ori	0.10000	14000.	120	30140	No
213	GOM_NL__2PRFIN20071205_163121_000000592064_00026_30140_6569.N1	05-DEC-2007 16:31:21	Bright	59.000	13	87Alp Tau	0.86700	3800.0	118	30140	No
214	GOM_NL__2PRFIN20071205_163308_000000372064_00026_30140_6570.N1	05-DEC-2007 16:33:08	Bright	36.500	146	25Eta Tau	2.8730	15200.	73	30140	No
215	GOM_NL__2PRFIN20071205_163526_000000382064_00026_30140_6571.N1	05-DEC-2007 16:35:26	Bright	37.500	150	44Zet Per	2.8900	28000.	75	30140	No
216	GOM_NL__2PRFIN20071205_163659_000000422064_00026_30140_6572.N1	05-DEC-2007 16:36:59	Bright	42.000	114	3Iot Aur	2.6930	4600.0	84	30140	No
217	GOM_NL__2PRFIN20071205_163955_000000352064_00026_30140_6573.N1	05-DEC-2007 16:39:55	Bright	35.000	175	39Del Per	3.0100	19400.	70	30140	No
218	GOM_NL__2PRFIN20071205_164118_000000442064_00026_30140_6574.N1	05-DEC-2007 16:41:18	Bright	44.000	6	13Alp Aur	0.080000	3400.0	88	30140	No
219	GOM_NL__2PRFIN20071205_165746_000000462064_00026_30140_6575.N1	05-DEC-2007 16:57:46	Bright	46.000	36	50Alp UMa	1.8000	6300.0	92	30140	No

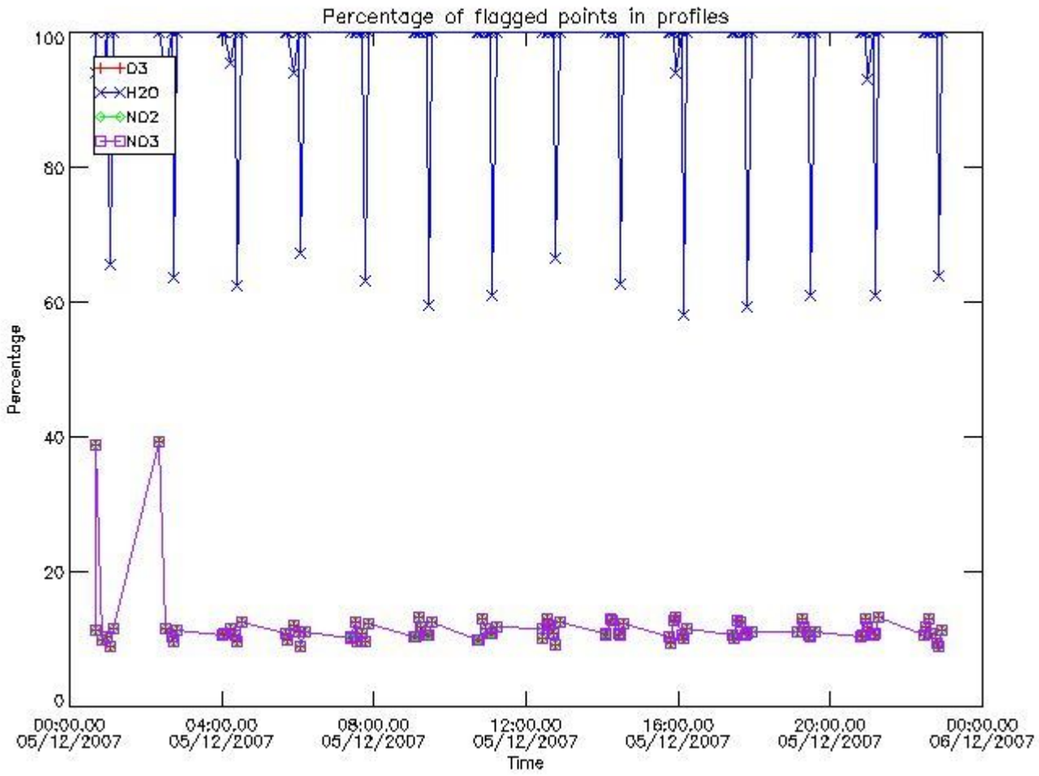
220	GOM_NL__2PRFIN20071205_170115_000000382064_00026_30140_6576.N1	05-DEC-2007 17:01:15	Bright	37.500	32	77Eps UMa	1.7630	11000.	75	30140	No
221	GOM_NL__2PRFIN20071205_170327_000000392064_00026_30140_6577.N1	05-DEC-2007 17:03:27	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	30140	No
222	GOM_NL__2PRFIN20071205_170658_000000412064_00026_30140_6578.N1	05-DEC-2007 17:06:58	Bright	40.500	152	12Alp2CVn	2.8900	11000.	81	30140	No
223	GOM_NL__2PRFIN20071205_171235_000000362064_00026_30140_6579.N1	05-DEC-2007 17:12:35	Bright	35.500	111	8Eta Boo	2.6800	6000.0	71	30140	No
224	GOM_NL__2PRFIN20071205_171551_000000432064_00026_30140_6580.N1	05-DEC-2007 17:15:51	Bright	43.000	138	47Eps Vir	2.8280	4700.0	86	30140	No
225	GOM_NL__2PRFIN20071205_172025_000000512064_00026_30140_6581.N1	05-DEC-2007 17:20:25	Bright	51.000	121	29Gam Vir	2.7400	7200.0	102	30140	No
226	GOM_NL__2PRFIN20071205_172619_000000482064_00026_30140_6582.N1	05-DEC-2007 17:26:19	Dark	48.000	100	4Gam Crv	2.5800	13100.	96	30140	No
227	GOM_NL__2PRFIN20071205_172755_000000502064_00026_30140_6583.N1	05-DEC-2007 17:27:55	Dark	50.000	171	2Eps Crv	3.0010	4250.0	100	30140	No
228	GOM_NL__2PRFIN20071205_173404_000000402064_00026_30140_6584.N1	05-DEC-2007 17:34:04	Dark	40.000	99	Del Cen	2.5750	26000.	80	30140	No
229	GOM_NL__2PRFIN20071205_173719_000000452064_00027_30141_6581.N1	05-DEC-2007 17:37:19	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	30141	No
230	GOM_NL__2PRFIN20071205_174600_000000492064_00027_30141_6582.N1	05-DEC-2007 17:46:00	Dark	48.500	34	Gam2Vel	1.7930	23000.	97	30141	No
231	GOM_NL__2PRFIN20071205_174900_000000472064_00027_30141_6583.N1	05-DEC-2007 17:49:00	Dark	47.000	2	Alp Car	-0.73600	7000.0	94	30141	No
232	GOM_NL__2PRFIN20071205_175519_000000462064_00027_30141_6584.N1	05-DEC-2007 17:55:19	Dark	46.000	108	Alp Col	2.6520	15200.	92	30141	No
233	GOM_NL__2PRFIN20071205_180047_000000502064_00027_30141_6585.N1	05-DEC-2007 18:00:47	Straylight	50.000	101	11Alp Lep	2.5820	7000.0	100	30141	No
234	GOM_NL__2PRFIN20071205_180412_000000542064_00027_30141_6586.N1	05-DEC-2007 18:04:12	Straylight	53.500	7	19Bet Ori	0.10000	14000.	107	30141	No
235	GOM_NL__2PRFIN20071205_181157_000000592064_00027_30141_6587.N1	05-DEC-2007 18:11:57	Bright	59.000	13	87Alp Tau	0.86700	3800.0	118	30141	No
236	GOM_NL__2PRFIN20071205_181344_000000372064_00027_30141_6588.N1	05-DEC-2007 18:13:44	Bright	36.500	146	25Eta Tau	2.8730	15200.	73	30141	No
237	GOM_NL__2PRFIN20071205_181602_000000372064_00027_30141_6589.N1	05-DEC-2007 18:16:02	Bright	37.000	150	44Zet Per	2.8900	28000.	74	30141	No
238	GOM_NL__2PRFIN20071205_181734_000000452064_00027_30141_6590.N1	05-DEC-2007 18:17:34	Bright	45.000	114	3Iot Aur	2.6930	4600.0	90	30141	No
239	GOM_NL__2PRFIN20071205_182031_000000352064_00027_30141_6591.N1	05-DEC-2007 18:20:31	Bright	35.000	175	39Del Per	3.0100	19400.	70	30141	No
240	GOM_NL__2PRFIN20071205_182154_000000462064_00027_30141_6592.N1	05-DEC-2007 18:21:54	Bright	46.000	6	13Alp Aur	0.080000	3400.0	92	30141	No
241	GOM_NL__2PRFIN20071205_183821_000000472064_00027_30141_6593.N1	05-DEC-2007 18:38:21	Bright	46.500	36	50Alp UMa	1.8000	6300.0	93	30141	No
242	GOM_NL__2PRFIN20071205_184151_000000392064_00027_30141_6594.N1	05-DEC-2007 18:41:51	Bright	39.000	32	77Eps UMa	1.7630	11000.	78	30141	No
243	GOM_NL__2PRFIN20071205_184403_000000392064_00027_30141_6595.N1	05-DEC-2007 18:44:03	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	30141	No
244	GOM_NL__2PRFIN20071205_184734_000000452064_00027_30141_6596.N1	05-DEC-2007 18:47:34	Bright	44.500	152	12Alp2CVn	2.8900	11000.	89	30141	No
245	GOM_NL__2PRFIN20071205_185311_000000362064_00027_30141_6597.N1	05-DEC-2007 18:53:11	Bright	36.000	111	8Eta Boo	2.6800	6000.0	72	30141	No
246	GOM_NL__2PRFIN20071205_185628_000000422064_00027_30141_6598.N1	05-DEC-2007 18:56:28	Bright	41.500	138	47Eps Vir	2.8280	4700.0	83	30141	No
247	GOM_NL__2PRFIN20071205_190102_000000492064_00027_30141_6599.N1	05-DEC-2007 19:01:02	Bright	48.500	121	29Gam Vir	2.7400	7200.0	97	30141	No
248	GOM_NL__2PRFIN20071205_190656_000000462064_00027_30141_6600.N1	05-DEC-2007 19:06:56	Dark	46.000	100	4Gam Crv	2.5800	13100.	92	30141	No
249	GOM_NL__2PRFIN20071205_190832_000000462064_00027_30141_6601.N1	05-DEC-2007 19:08:32	Dark	46.000	171	2Eps Crv	3.0010	4250.0	92	30141	No
250	GOM_NL__2PRFIN20071205_191440_000000402064_00027_30141_6602.N1	05-DEC-2007 19:14:40	Dark	39.500	99	Del Cen	2.5750	26000.	79	30141	No
251	GOM_NL__2PRFIN20071205_191756_000000432064_00028_30142_6589.N1	05-DEC-2007 19:17:56	Dark	43.000	113	Mu Vel	2.6920	5000.0	86	30142	No
252	GOM_NL__2PRFIN20071205_192637_000000482064_00028_30142_6590.N1	05-DEC-2007 19:26:37	Dark	48.000	34	Gam2Vel	1.7930	23000.	96	30142	No
253	GOM_NL__2PRFIN20071205_192936_000000492064_00028_30142_6591.N1	05-DEC-2007 19:29:36	Dark	49.000	2	Alp Car	-0.73600	7000.0	98	30142	No
254	GOM_NL__2PRFIN20071205_193555_000000462064_00028_30142_6592.N1	05-DEC-2007 19:35:55	Dark	45.500	108	Alp Col	2.6520	15200.	91	30142	No
255	GOM_NL__2PRFIN20071205_194123_000000522064_00028_30142_6593.N1	05-DEC-2007 19:41:23	Straylight	51.500	101	11Alp Lep	2.5820	7000.0	103	30142	No
256	GOM_NL__2PRFIN20071205_194447_000000552064_00028_30142_6594.N1	05-DEC-2007 19:44:47	Straylight	55.000	7	19Bet Ori	0.10000	14000.	110	30142	No
257	GOM_NL__2PRFIN20071205_195232_000000592064_00028_30142_6595.N1	05-DEC-2007 19:52:32	Bright	59.000	13	87Alp Tau	0.86700	3800.0	118	30142	No
258	GOM_NL__2PRFIN20071205_195638_000000382064_00028_30142_6596.N1	05-DEC-2007 19:56:38	Bright	38.000	150	44Zet Per	2.8900	28000.	76	30142	No
259	GOM_NL__2PRFIN20071205_195810_000000442064_00028_30142_6597.N1	05-DEC-2007 19:58:10	Bright	43.500	114	3Iot Aur	2.6930	4600.0	87	30142	No
260	GOM_NL__2PRFIN20071205_200106_000000352064_00028_30142_6598.N1	05-DEC-2007 20:01:06	Bright	35.000	175	39Del Per	3.0100	19400.	70	30142	No
261	GOM_NL__2PRFIN20071205_200229_000000462064_00028_30142_6599.N1	05-DEC-2007 20:02:29	Bright	45.500	6	13Alp Aur	0.080000	3400.0	91	30142	No
262	GOM_NL__2PRFIN20071205_201857_000000452064_00028_30142_6600.N1	05-DEC-2007 20:18:57	Bright	45.000	36	50Alp UMa	1.8000	6300.0	90	30142	No
263	GOM_NL__2PRFIN20071205_202227_000000402064_00028_30142_6601.N1	05-DEC-2007 20:22:27	Bright	40.000	32	77Eps UMa	1.7630	11000.	80	30142	No
264	GOM_NL__2PRFIN20071205_202439_000000352064_00028_30142_6602.N1	05-DEC-2007 20:24:39	Bright	35.000	39	85Eta UMa	1.8540	24000.	70	30142	No
265	GOM_NL__2PRFIN20071205_202810_000000392064_00028_30142_6603.N1	05-DEC-2007 20:28:10	Bright	39.000	152	12Alp2CVn	2.8900	11000.	78	30142	No
266	GOM_NL__2PRFIN20071205_203347_000000362064_00028_30142_6604.N1	05-DEC-2007 20:33:47	Bright	35.500	111	8Eta Boo	2.6800	6000.0	71	30142	No
267	GOM_NL__2PRFIN20071205_203704_000000532064_00028_30142_6605.N1	05-DEC-2007 20:37:04	Bright	52.500	138	47Eps Vir	2.8280	4700.0	105	30142	No
268	GOM_NL__2PRFIN20071205_204138_000000472064_00028_30142_6606.N1	05-DEC-2007 20:41:38	Bright	47.000	121	29Gam Vir	2.7400	7200.0	94	30142	No
269	GOM_NL__2PRFIN20071205_204732_000000492064_00028_30142_6607.N1	05-DEC-2007 20:47:32	Dark	49.000	100	4Gam Crv	2.5800	13100.	98	30142	No
270	GOM_NL__2PRFIN20071205_204909_000000482064_00028_30142_6608.N1	05-DEC-2007 20:49:09	Dark	48.000	171	2Eps Crv	3.0010	4250.0	96	30142	No
271	GOM_NL__2PRFIN20071205_205517_000000402064_00028_30142_6609.N1	05-DEC-2007 20:55:17	Dark	39.500	99	Del Cen	2.5750	26000.	79	30142	No
272	GOM_NL__2PRFIN20071205_205833_000000442064_00029_30143_6603.N1	05-DEC-2007 20:58:33	Dark	43.500	113	Mu Vel	2.6920	5000.0	87	30143	No
273	GOM_NL__2PRFIN20071205_210714_000000482064_00029_30143_6604.N1	05-DEC-2007 21:07:14	Dark	48.000	34	Gam2Vel	1.7930	23000.	96	30143	No
274	GOM_NL__2PRFIN20071205_211013_000000472064_00029_30143_6605.N1	05-DEC-2007 21:10:13	Dark	46.500	2	Alp Car	-0.73600	7000.0	93	30143	No
275	GOM_NL__2PRFIN20071205_211631_000000432064_00029_30143_6606.N1	05-DEC-2007 21:16:31	Dark	42.500	108	Alp Col	2.6520	15200.	85	30143	No
276	GOM_NL__2PRFIN20071205_212159_000000502064_00029_30143_6607.N1	05-DEC-2007 21:21:59	Straylight	49.500	101	11Alp Lep	2.5820	7000.0	99	30143	No
277	GOM_NL__2PRFIN20071205_212523_000000582064_00029_30143_6608.N1	05-DEC-2007 21:25:23	Straylight	57.500	7	19Bet Ori	0.10000	14000.	115	30143	No
278	GOM_NL__2PRFIN20071205_213308_000000592064_00029_30143_6609.N1	05-DEC-2007 21:33:08	Bright	59.000	13	87Alp Tau	0.86700	3800.0	118	30143	No

279	GOM_NL__2PRFIN20071205_213714_000000382064_00029_30143_6610.N1	05-DEC-2007 21:37:14	Bright	38.000	150	44Zet Per	2.8900	28000.	76	30143	No
280	GOM_NL__2PRFIN20071205_213845_000000432064_00029_30143_6611.N1	05-DEC-2007 21:38:45	Bright	43.000	114	3Iot Aur	2.6930	4600.0	86	30143	No
281	GOM_NL__2PRFIN20071205_214142_000000352064_00029_30143_6612.N1	05-DEC-2007 21:41:42	Bright	35.000	175	39Del Per	3.0100	19400.	70	30143	No
282	GOM_NL__2PRFIN20071205_214304_000000492064_00029_30143_6613.N1	05-DEC-2007 21:43:04	Bright	48.500	6	13Alp Aur	0.080000	3400.0	97	30143	No
283	GOM_NL__2PRFIN20071205_215932_000000472064_00029_30143_6614.N1	05-DEC-2007 21:59:32	Bright	46.500	36	50Alp UMa	1.8000	6300.0	93	30143	No
284	GOM_NL__2PRFIN20071205_220303_000000422064_00029_30143_6615.N1	05-DEC-2007 22:03:03	Bright	41.500	32	77Eps UMa	1.7630	11000.	83	30143	No
285	GOM_NL__2PRFIN20071205_220515_000000392064_00029_30143_6616.N1	05-DEC-2007 22:05:15	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	30143	No
286	GOM_NL__2PRFIN20071205_220846_000000402064_00029_30143_6617.N1	05-DEC-2007 22:08:46	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	30143	No
287	GOM_NL__2PRFIN20071205_221423_000000362064_00029_30143_6618.N1	05-DEC-2007 22:14:23	Bright	35.500	111	8Eta Boo	2.6800	6000.0	71	30143	No
288	GOM_NL__2PRFIN20071205_221740_000000442064_00029_30143_6619.N1	05-DEC-2007 22:17:40	Bright	44.000	138	47Eps Vir	2.8280	4700.0	88	30143	No
289	GOM_NL__2PRFIN20071205_222215_000000522064_00029_30143_6620.N1	05-DEC-2007 22:22:15	Bright	52.000	121	29Gam Vir	2.7400	7200.0	104	30143	No
290	GOM_NL__2PRFIN20071205_222809_000000482064_00029_30143_6621.N1	05-DEC-2007 22:28:09	Dark	48.000	100	4Gam Crv	2.5800	13100.	96	30143	No
291	GOM_NL__2PRFIN20071205_222946_000000482064_00029_30143_6622.N1	05-DEC-2007 22:29:46	Dark	47.500	171	2Eps Crv	3.0010	4250.0	95	30143	No
292	GOM_NL__2PRFIN20071205_223553_000000392064_00029_30143_6623.N1	05-DEC-2007 22:35:53	Dark	39.000	99	Del Cen	2.5750	26000.	78	30143	No
293	GOM_NL__2PRFIN20071205_223909_000000482064_00030_30144_6620.N1	05-DEC-2007 22:39:09	Dark	47.500	113	Mu Vel	2.6920	5000.0	95	30144	No
294	GOM_NL__2PRFIN20071205_224750_000000552064_00030_30144_6621.N1	05-DEC-2007 22:47:50	Dark	54.500	34	Gam2Vel	1.7930	23000.	109	30144	No
295	GOM_NL__2PRFIN20071205_225049_000000572064_00030_30144_6622.N1	05-DEC-2007 22:50:49	Dark	57.000	2	Alp Car	-0.73600	7000.0	114	30144	No
296	GOM_NL__2PRFIN20071205_225708_000000452064_00030_30144_6623.N1	05-DEC-2007 22:57:08	Dark	45.000	108	Alp Col	2.6520	15200.	90	30144	No
297	GOM_NL__2PRFIN20071205_230235_000000492064_00030_30144_6624.N1	05-DEC-2007 23:02:35	Straylight	49.000	101	11Alp Lep	2.5820	7000.0	98	30144	No
298	GOM_NL__2PRFIN20071205_230559_000000562064_00030_30144_6625.N1	05-DEC-2007 23:05:59	Straylight	56.000	7	19Bet Ori	0.10000	14000.	112	30144	No
299	GOM_NL__2PRFIN20071205_231344_000000592064_00030_30144_6626.N1	05-DEC-2007 23:13:44	Bright	59.000	13	87Alp Tau	0.86700	3800.0	118	30144	No
300	GOM_NL__2PRFIN20071205_231531_000000392064_00030_30144_6627.N1	05-DEC-2007 23:15:31	Bright	38.500	146	25Eta Tau	2.8730	15200.	77	30144	No
301	GOM_NL__2PRFIN20071205_231749_000000372064_00030_30144_6628.N1	05-DEC-2007 23:17:49	Bright	36.500	150	44Zet Per	2.8900	28000.	73	30144	No
302	GOM_NL__2PRFIN20071205_231921_000000432064_00030_30144_6629.N1	05-DEC-2007 23:19:21	Bright	43.000	114	3Iot Aur	2.6930	4600.0	86	30144	No
303	GOM_NL__2PRFIN20071205_232218_000000362064_00030_30144_6630.N1	05-DEC-2007 23:22:18	Bright	35.500	175	39Del Per	3.0100	19400.	71	30144	No
304	GOM_NL__2PRFIN20071205_232340_000000472064_00030_30144_6631.N1	05-DEC-2007 23:23:40	Bright	46.500	6	13Alp Aur	0.080000	3400.0	93	30144	No
305	GOM_NL__2PRFIN20071205_234008_000000452064_00030_30144_6632.N1	05-DEC-2007 23:40:08	Bright	45.000	36	50Alp UMa	1.8000	6300.0	90	30144	No
306	GOM_NL__2PRFIN20071205_234338_000000392064_00030_30144_6633.N1	05-DEC-2007 23:43:38	Bright	39.000	32	77Eps UMa	1.7630	11000.	78	30144	No
307	GOM_NL__2PRFIN20071205_234551_000000352064_00030_30144_6634.N1	05-DEC-2007 23:45:51	Bright	34.500	39	85Eta UMa	1.8540	24000.	69	30144	No
308	GOM_NL__2PRFIN20071205_234922_000000412064_00030_30144_6635.N1	05-DEC-2007 23:49:22	Bright	40.500	152	12Alp2CVn	2.8900	11000.	81	30144	No
309	GOM_NL__2PRFIN20071205_235459_000000352064_00030_30144_6636.N1	05-DEC-2007 23:54:59	Bright	35.000	111	8Eta Boo	2.6800	6000.0	70	30144	No
310	GOM_NL__2PRFIN20071205_235817_000000622064_00030_30144_6637.N1	05-DEC-2007 23:58:17	Bright	62.000	138	47Eps Vir	2.8280	4700.0	124	30144	No

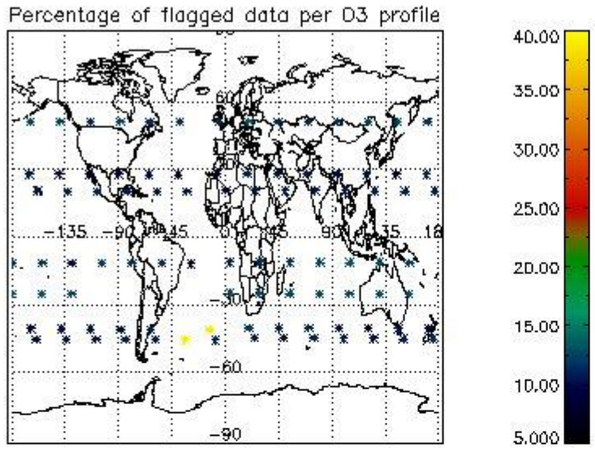
3. Quality information per product

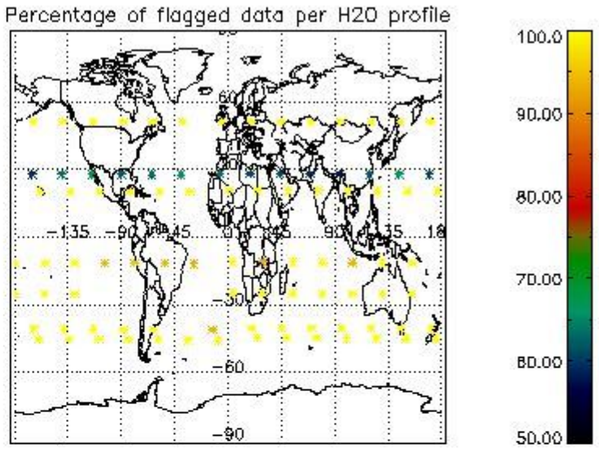
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

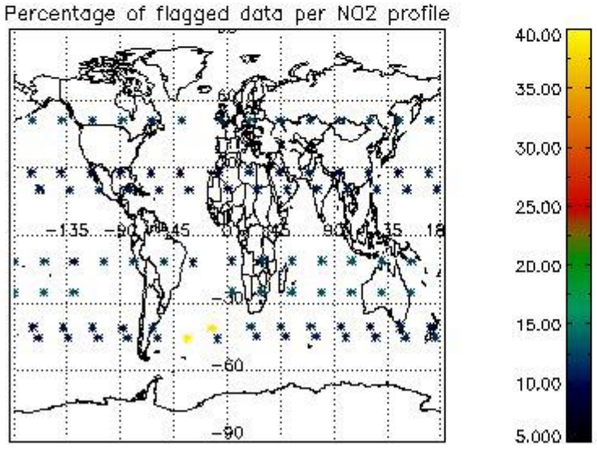
3.1 Plot quality information per product (time dependant)

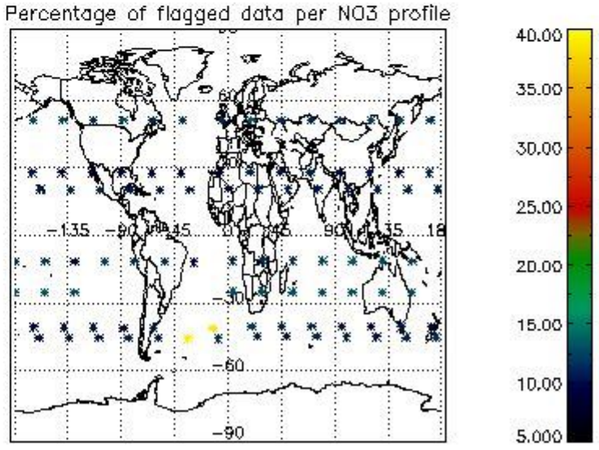


3.2 Plot quality information per product (world map)







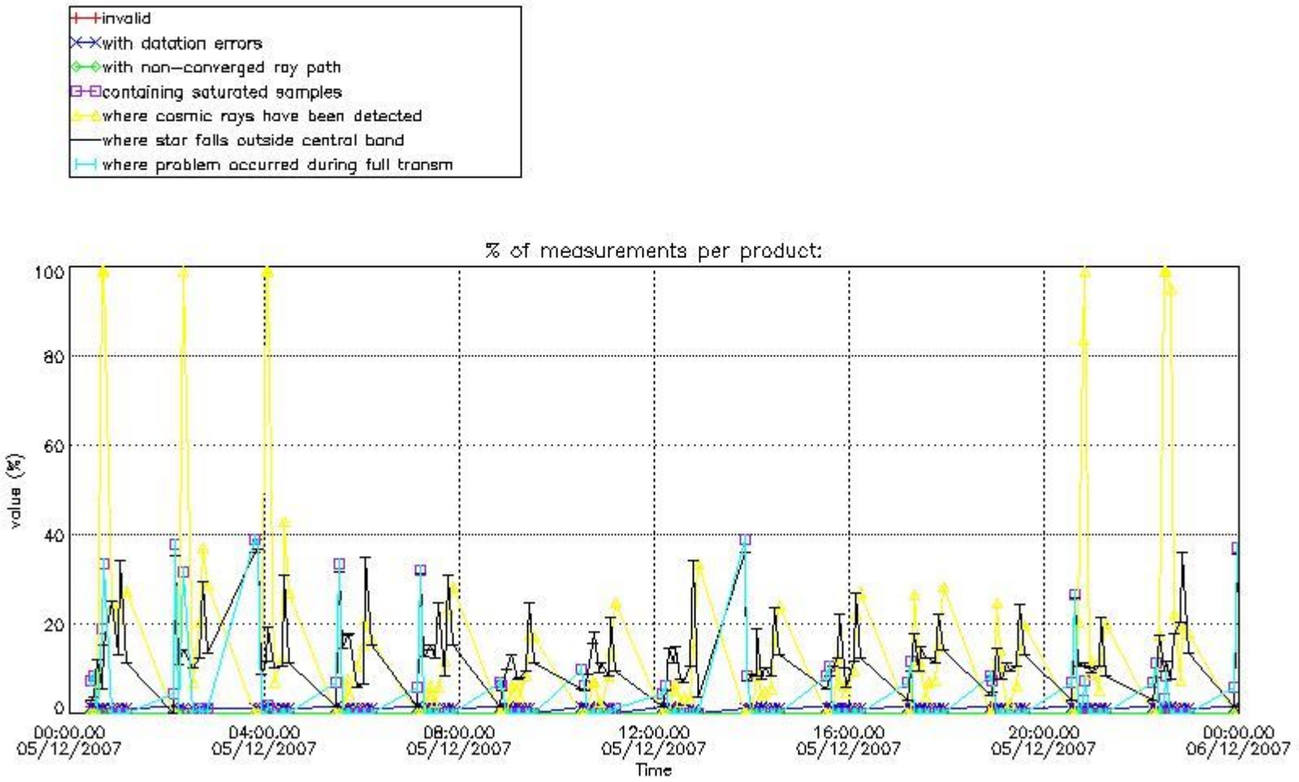


4. Level 1 quality information per product

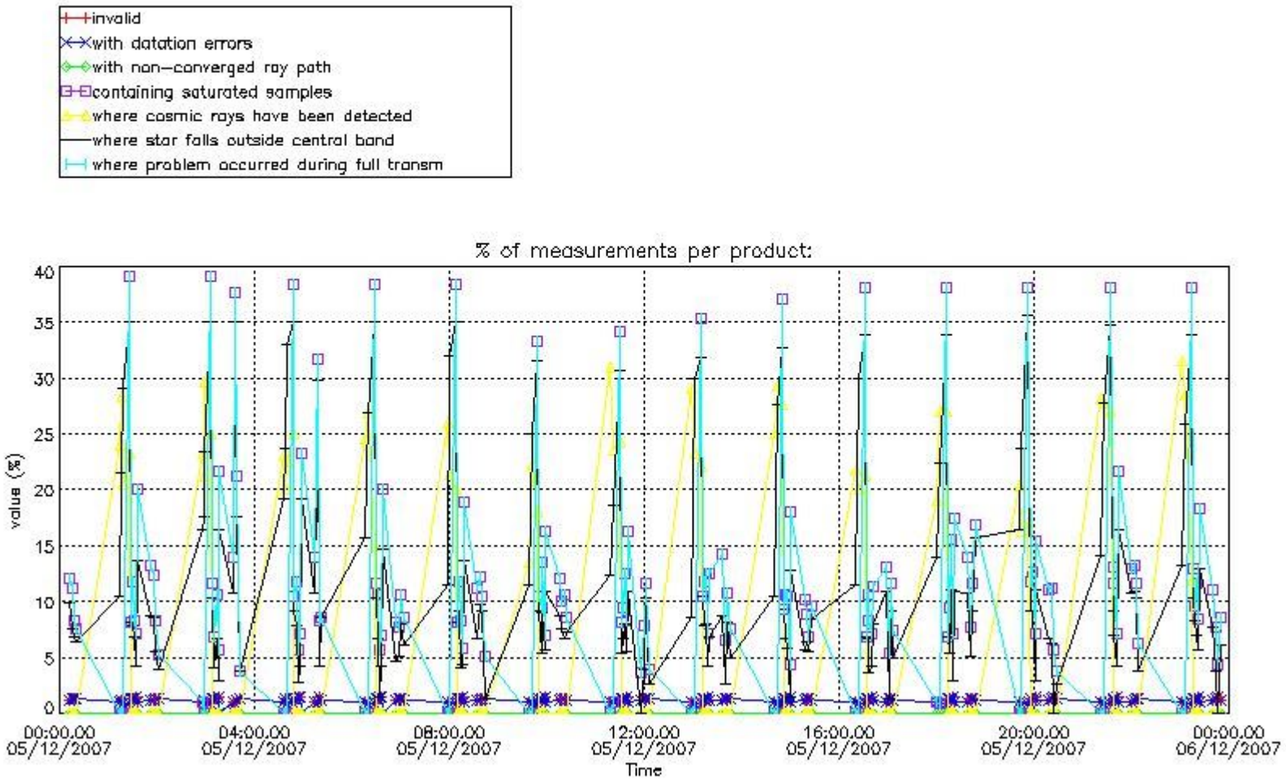
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processsing. Products without errors (error flag in the MPH set to "0") are used.

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

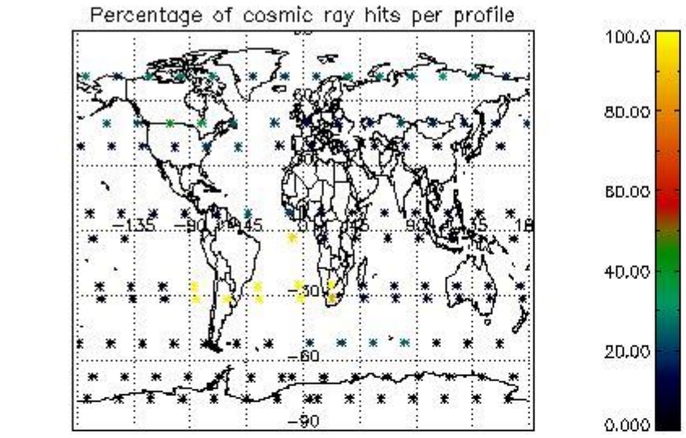


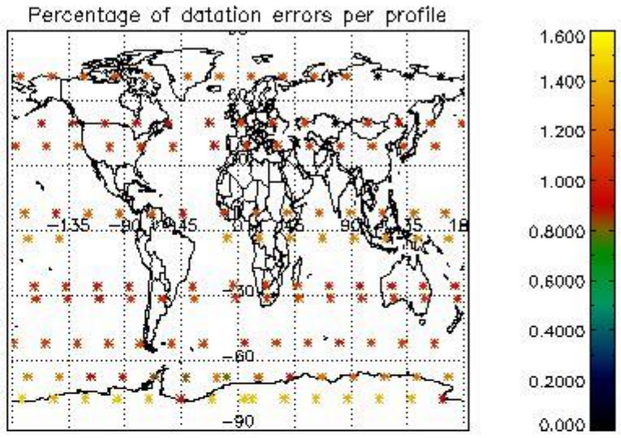
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes

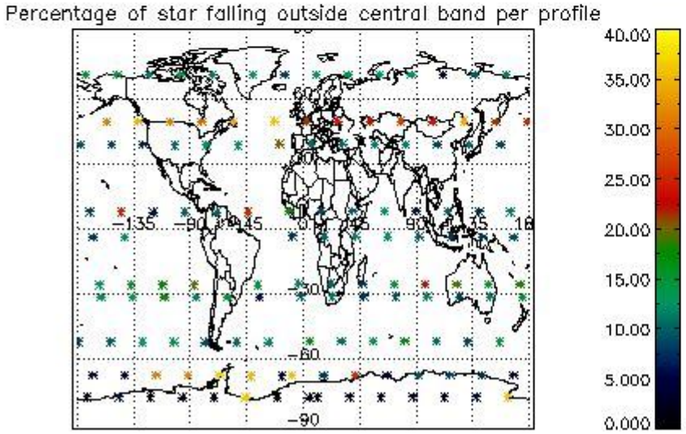


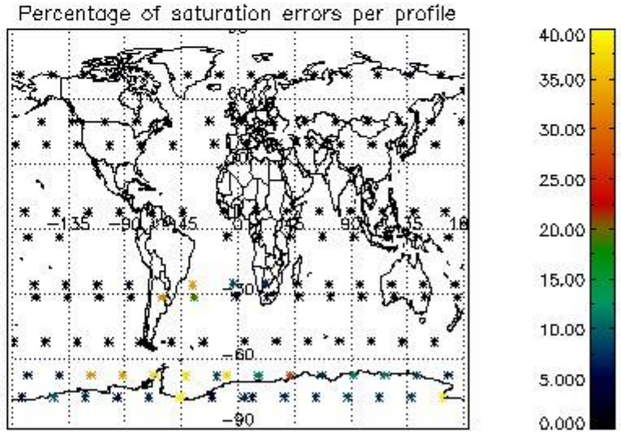
4.2 Plot quality information per product comming from level 1b processing (world map)

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

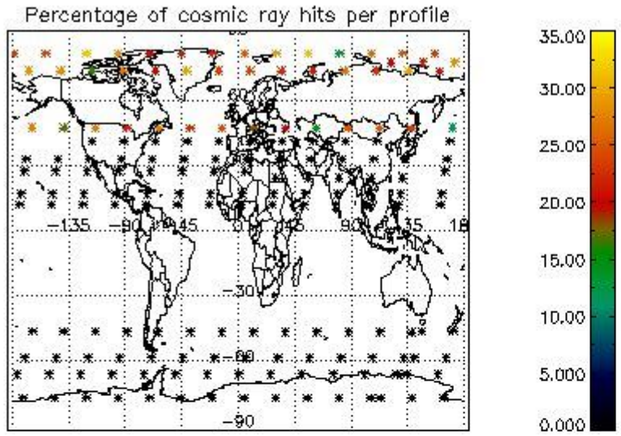


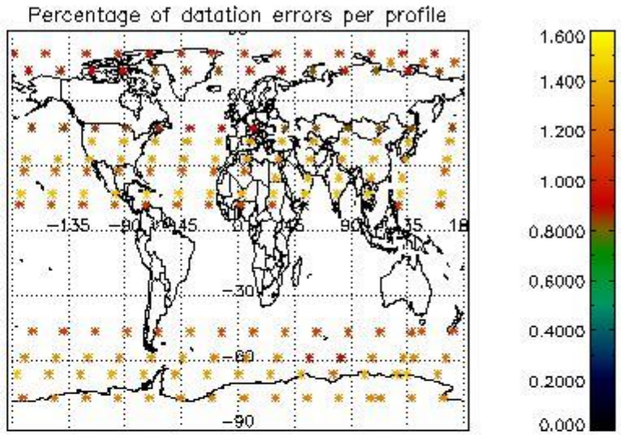


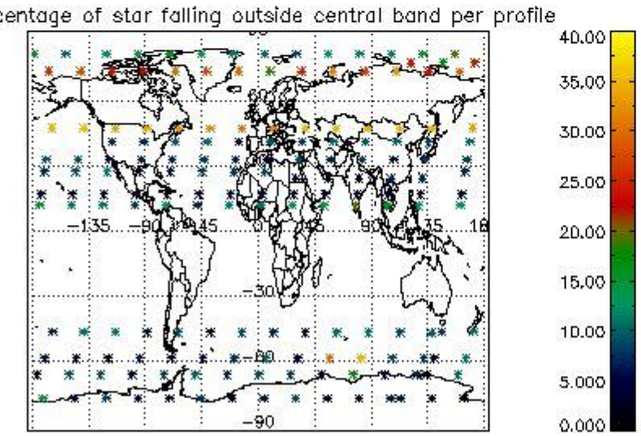


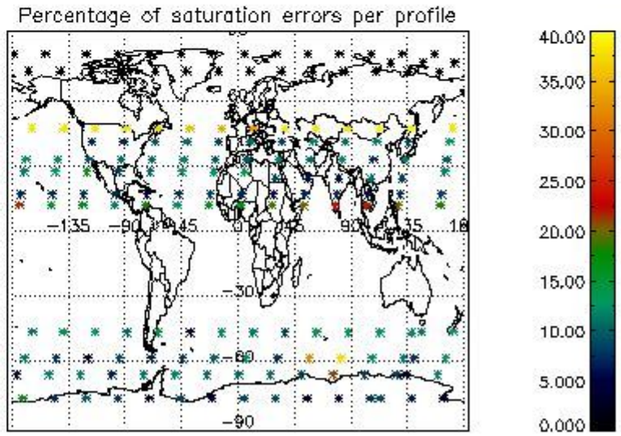


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes









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

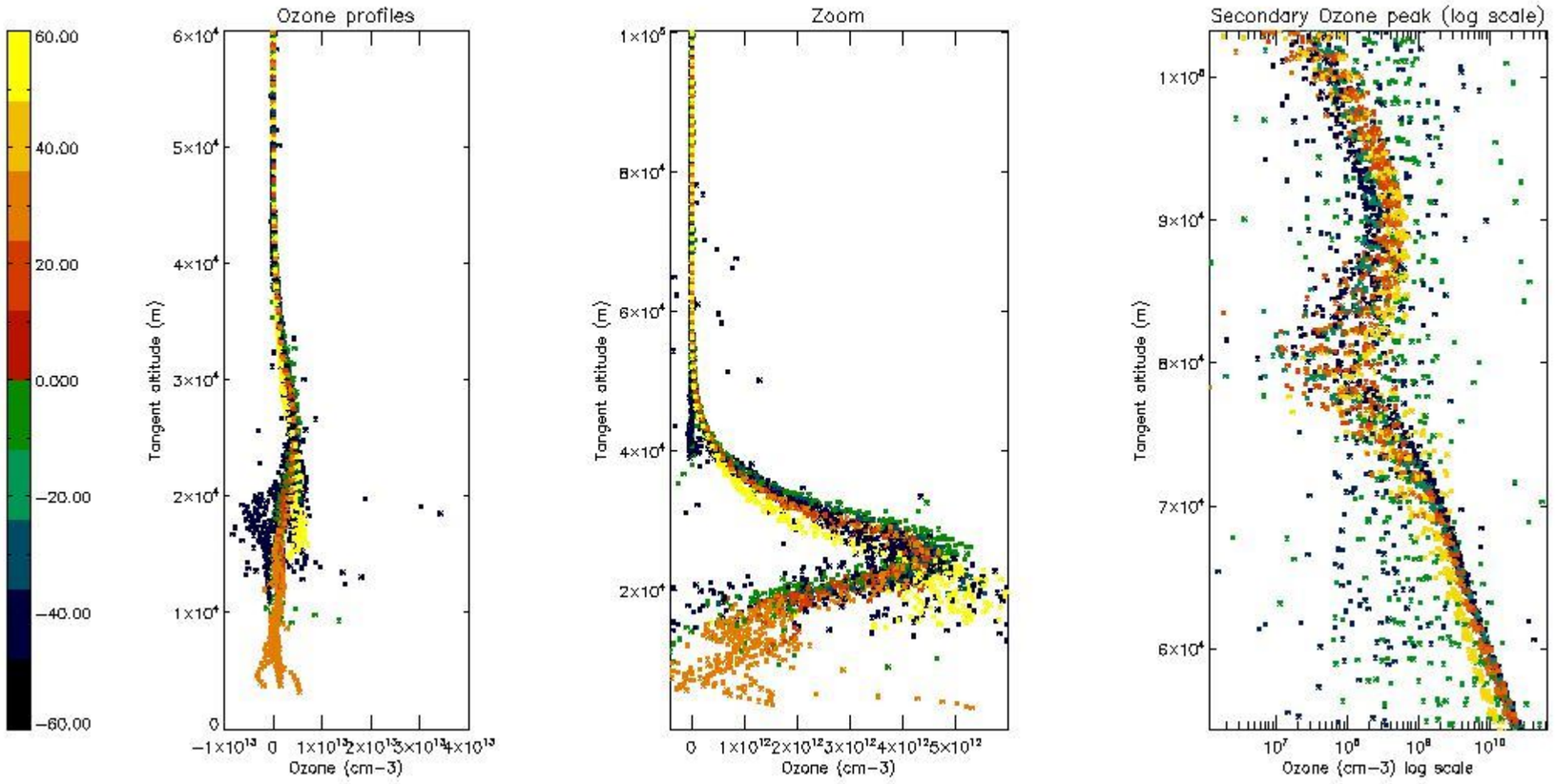
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	32
STD < 20	18

STD < 10	14
STD < 5	10

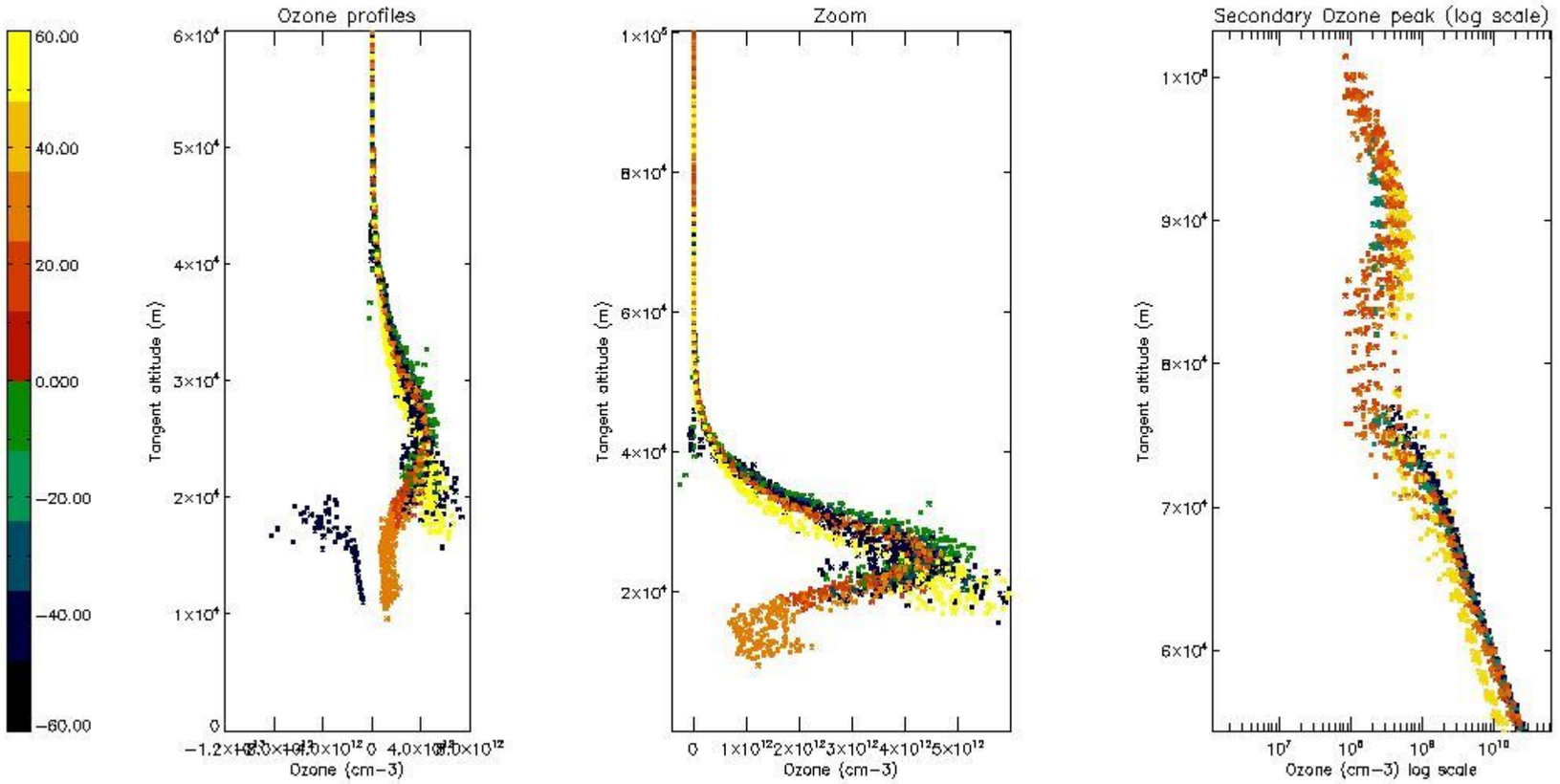
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



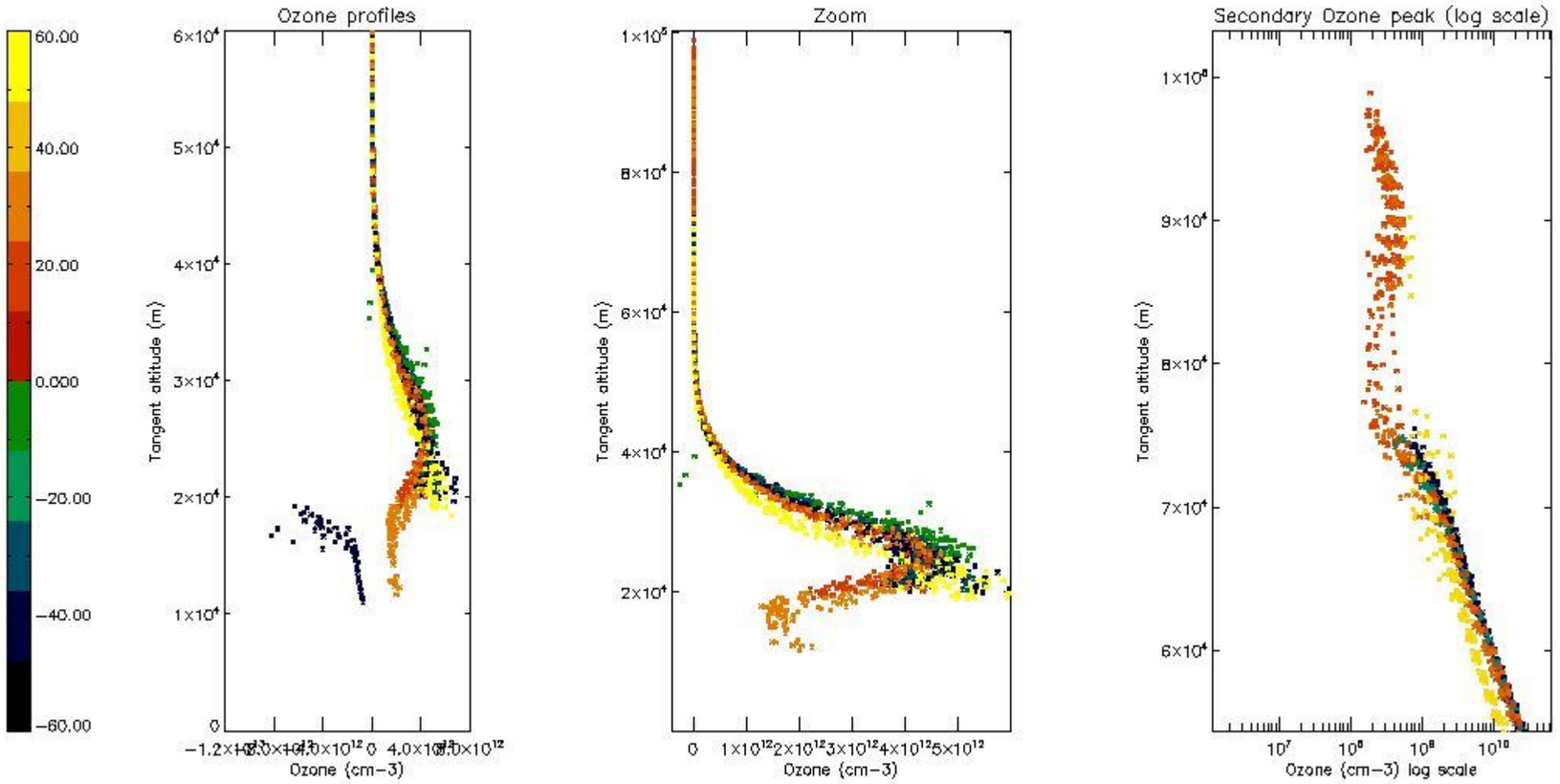
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



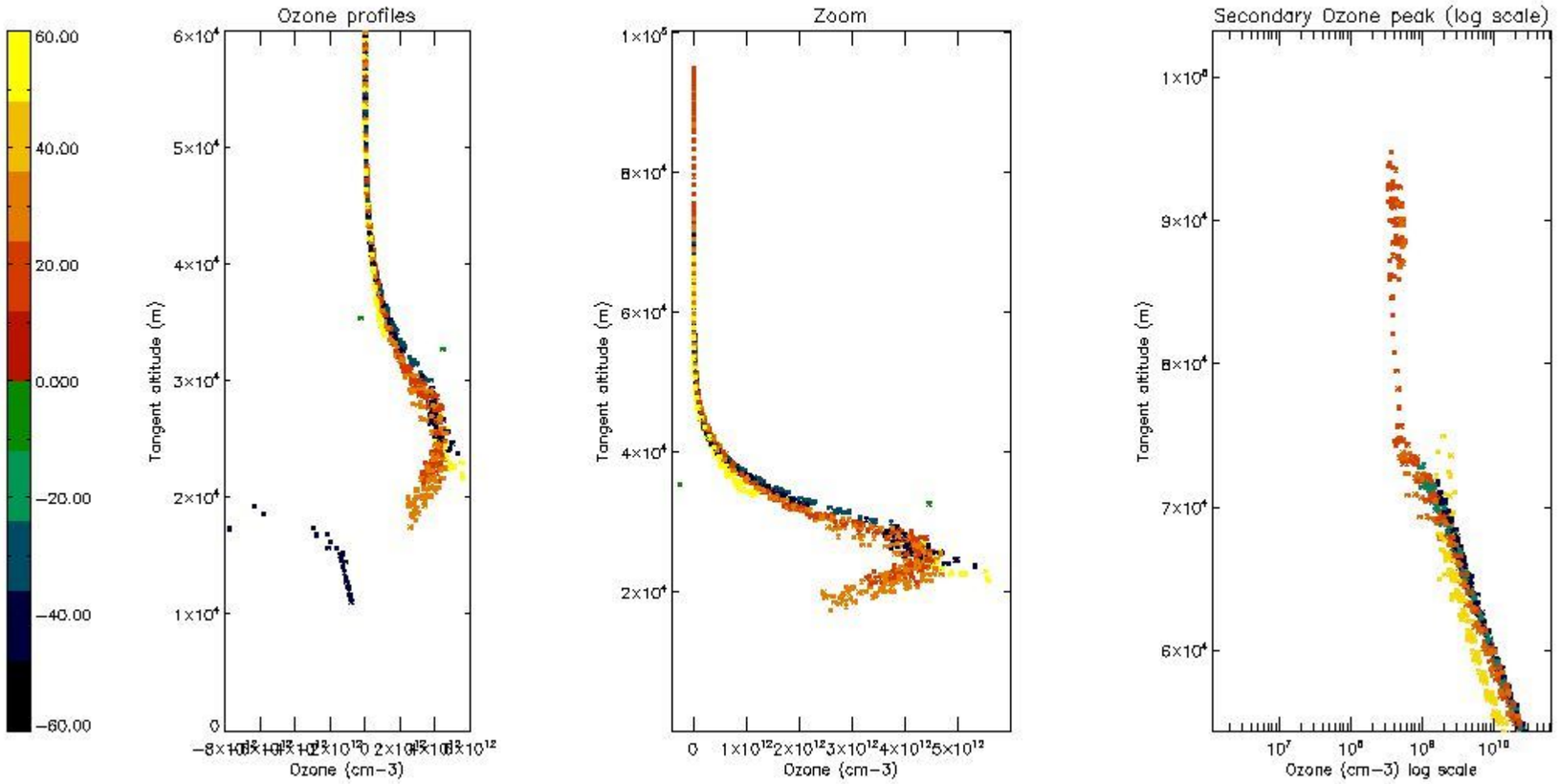
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



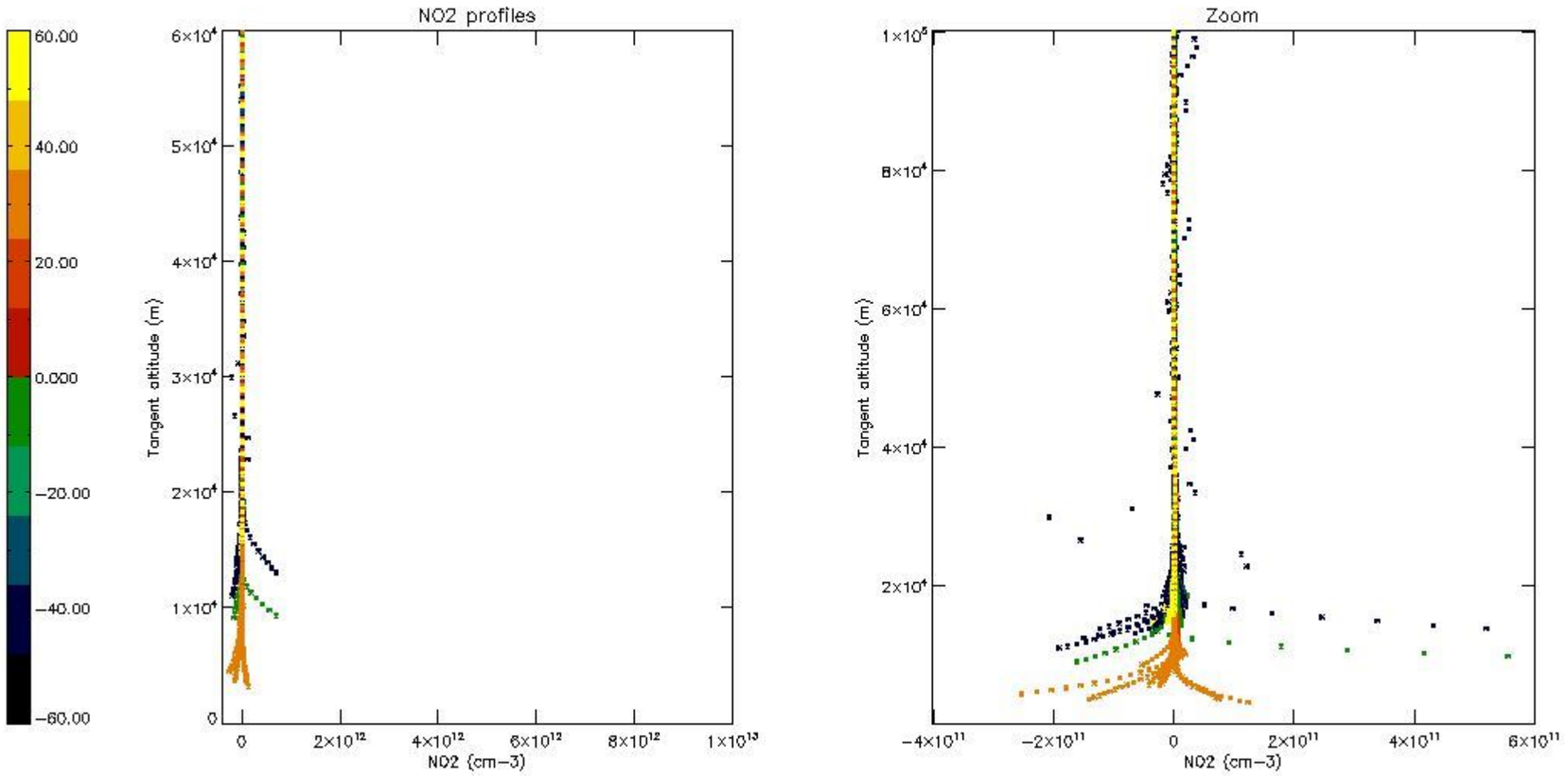
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



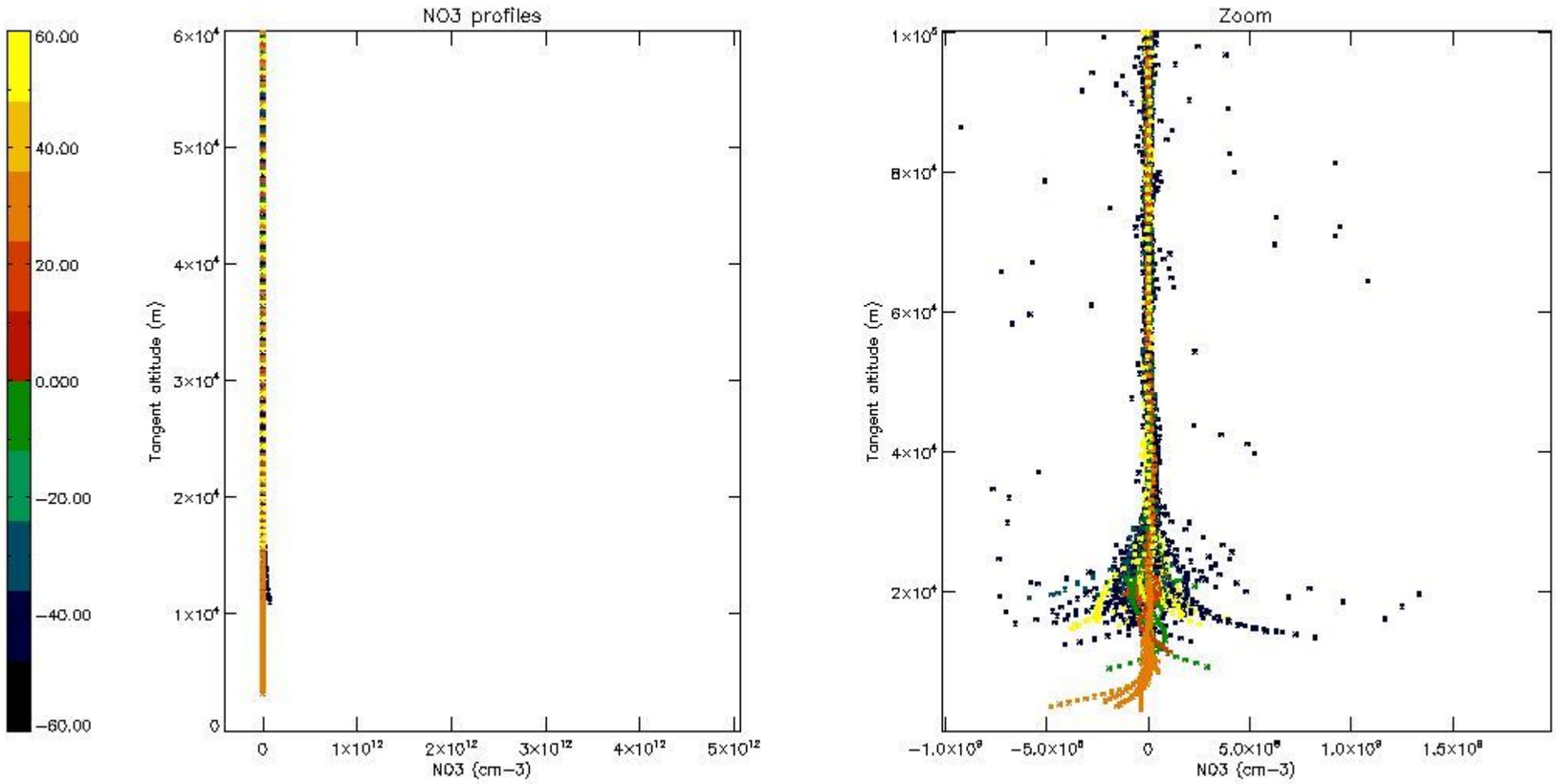
5.6 Plot NO2 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

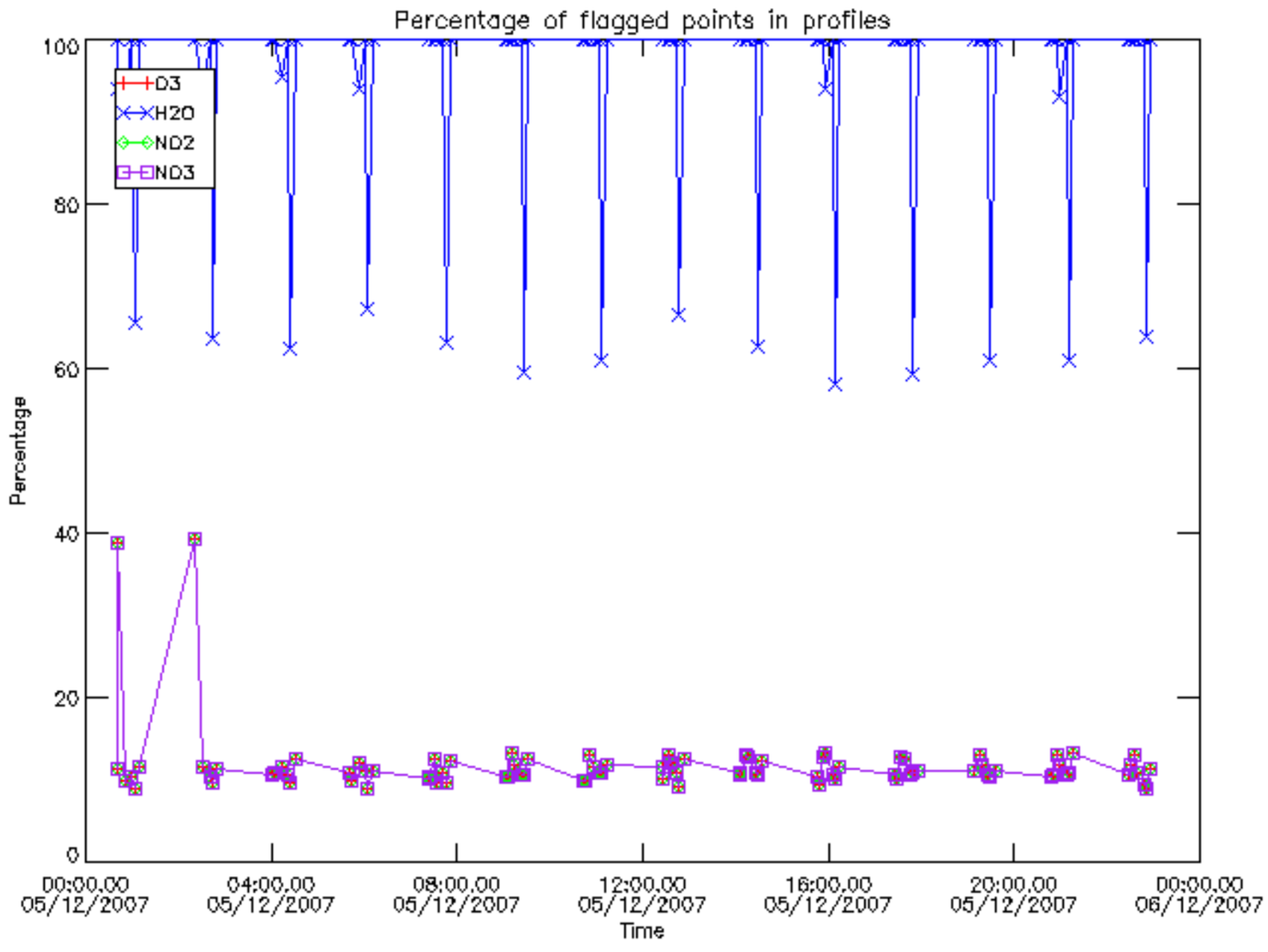
The colorbar represents the latitude.



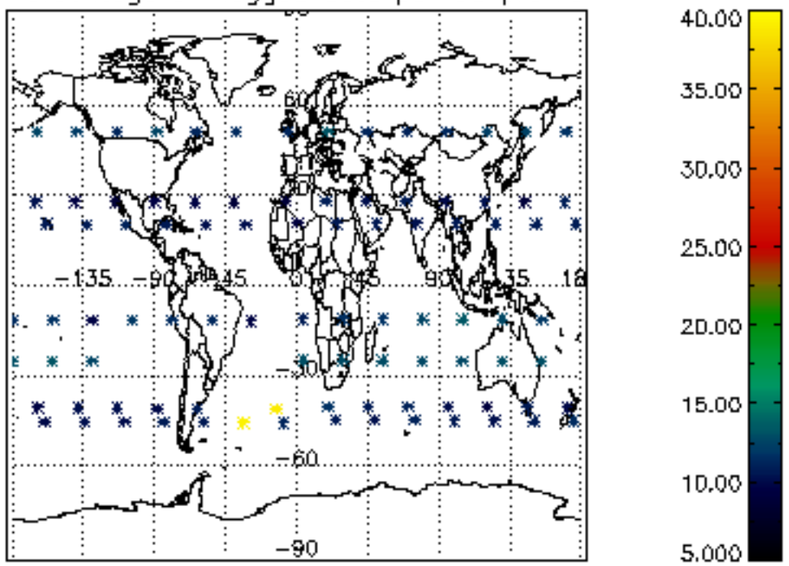
6. Auxiliary Data Files used for the production reported in section 2

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.

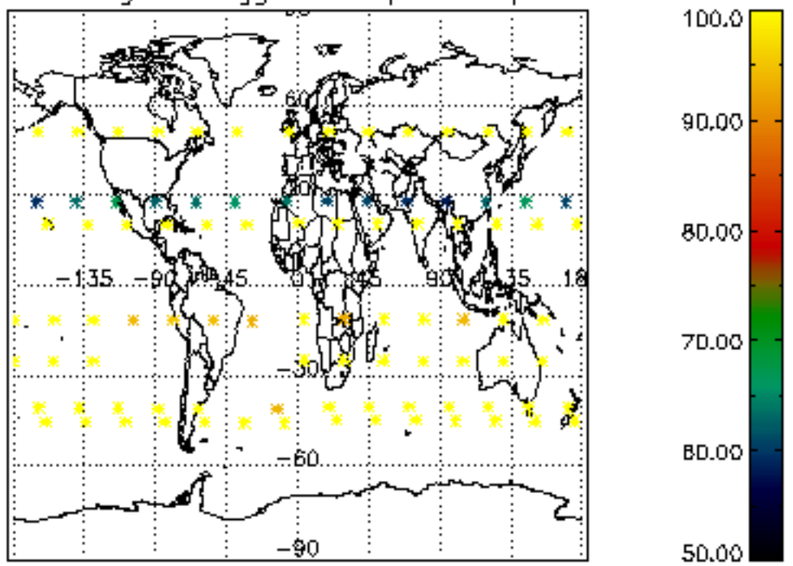
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	05-DEC-2007 00:11:50
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	05-DEC-2007 00:11:50
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	05-DEC-2007 00:11:50


Percentage of flagged points in profiles
O3
H2O
NO2
NO3
100
80
60
40
20
0
Percentage
00:00.00
05/12/2007
04:00.00
05/12/2007
08:00.00
05/12/2007
12:00.00
05/12/2007
16:00.00
05/12/2007
20:00.00
05/12/2007
00:00.00
06/12/2007
Time

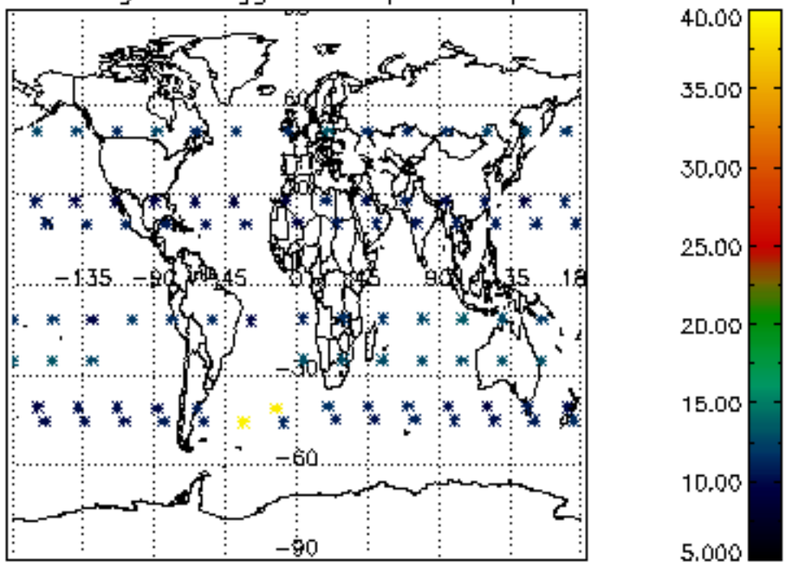
Percentage of flagged data per O3 profile



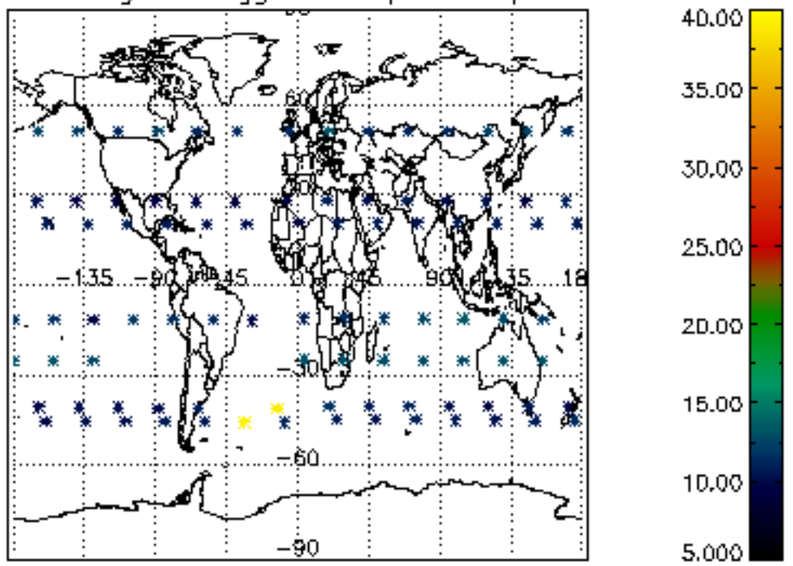
Percentage of flagged data per H2O profile

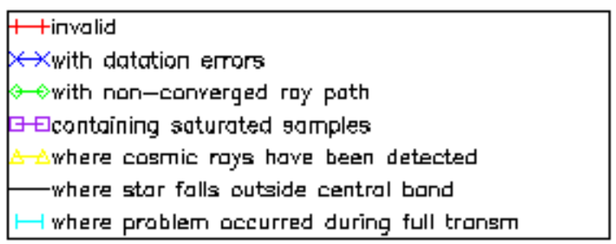


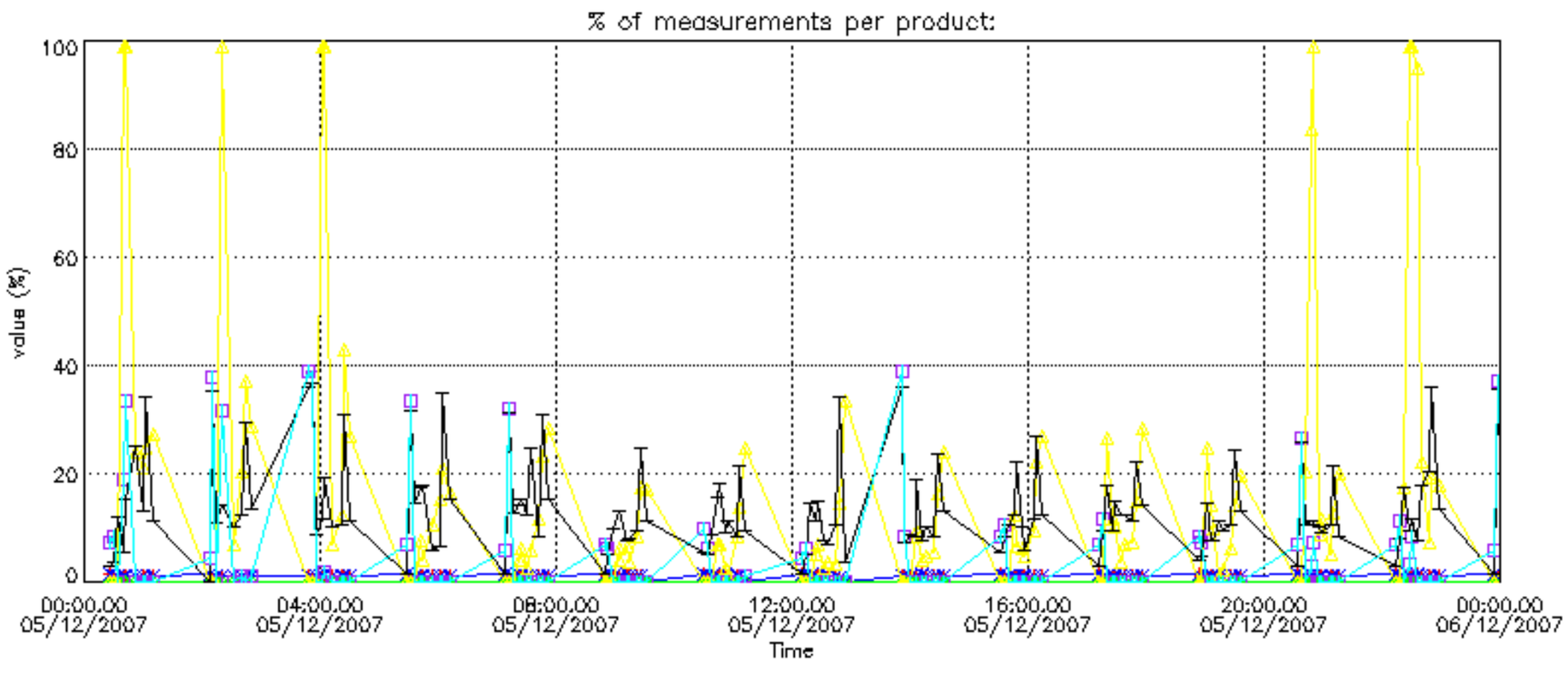
Percentage of flagged data per NO2 profile

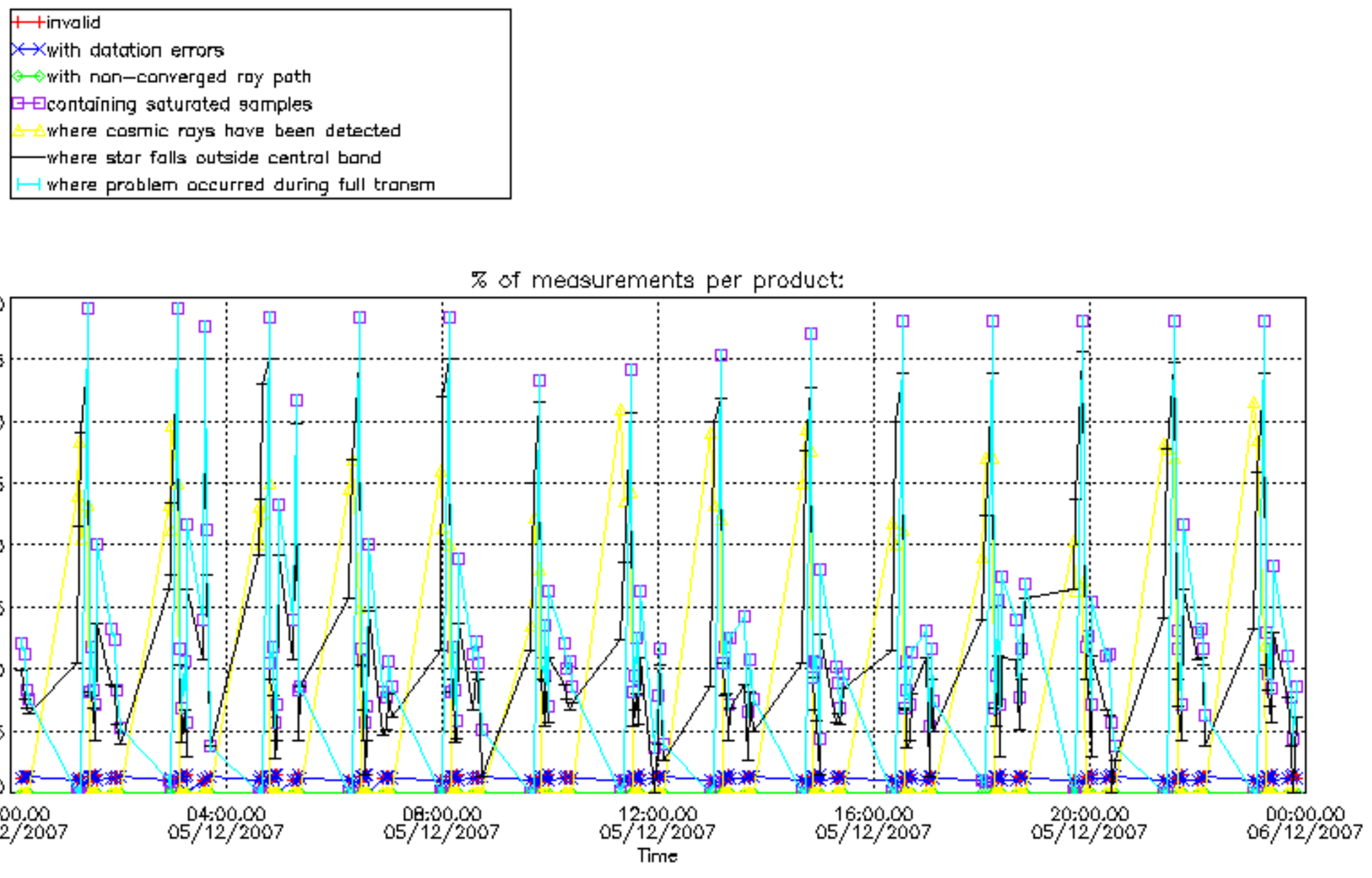


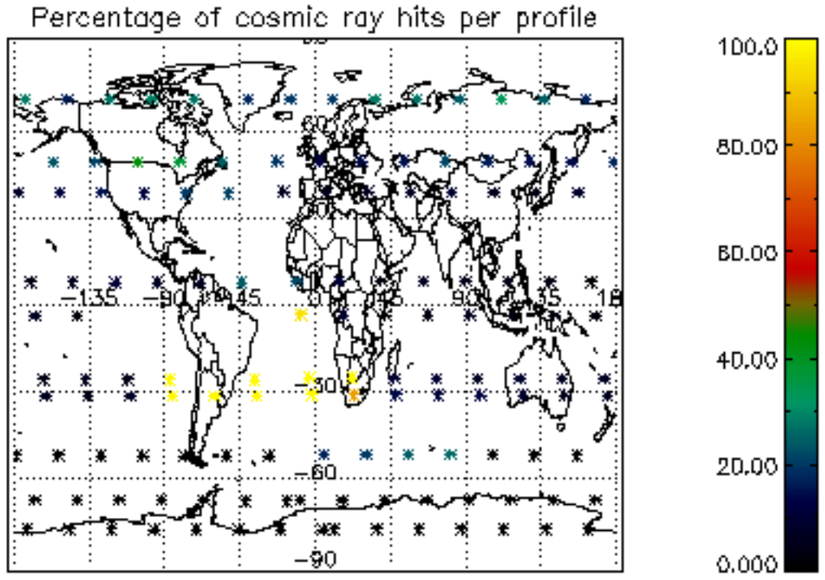
Percentage of flagged data per NO3 profile

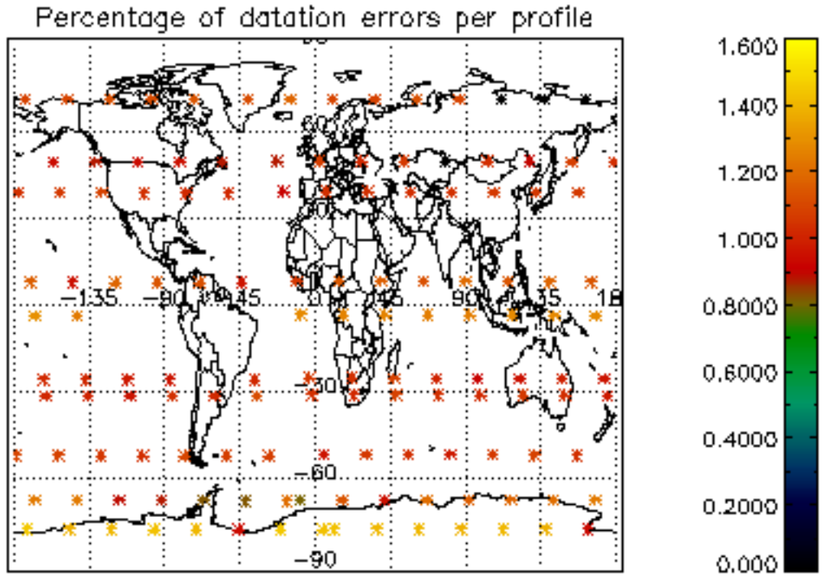


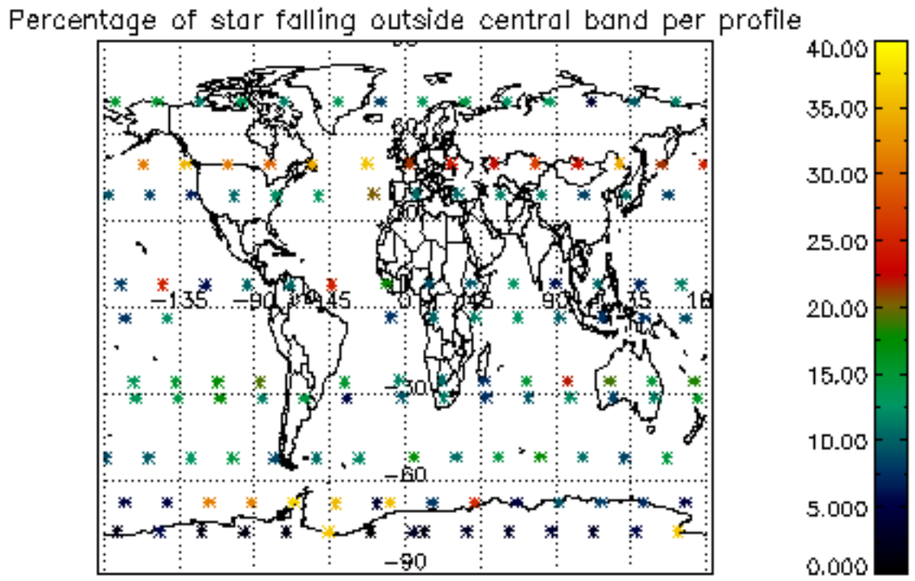

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm

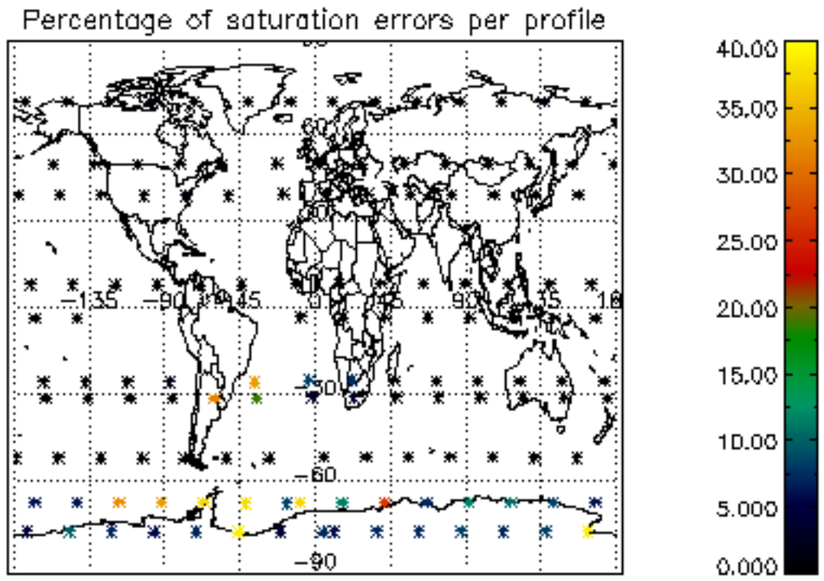

% of measurements per product:
100
80
60
40
20
0
value (%)
00:00.00
05/12/2007
04:00.00
05/12/2007
08:00.00
05/12/2007
12:00.00
05/12/2007
16:00.00
05/12/2007
20:00.00
05/12/2007
00:00.00
06/12/2007
Time

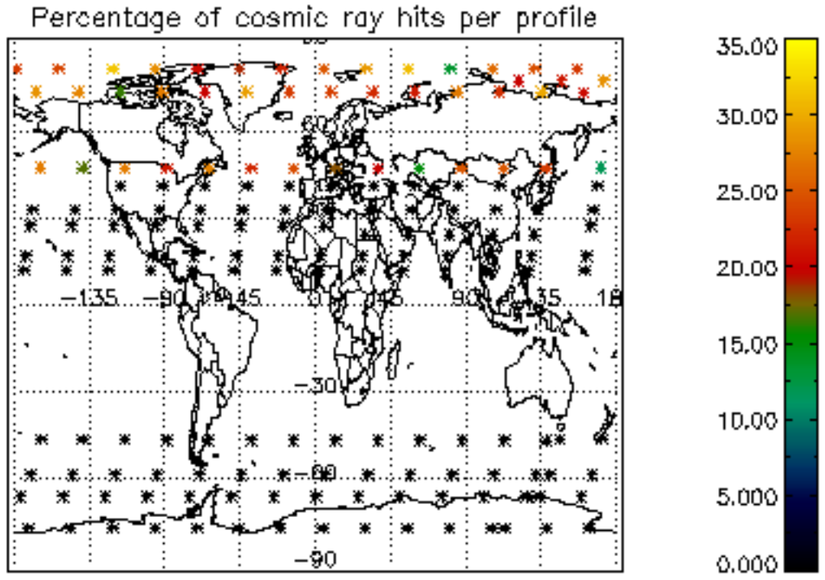

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
value (%)
0
5
10
15
20
25
30
35
40
00:00.00 05/12/2007
04:00.00 05/12/2007
08:00.00 05/12/2007
12:00.00 05/12/2007
16:00.00 05/12/2007
20:00.00 05/12/2007
00:00.00 06/12/2007
Time

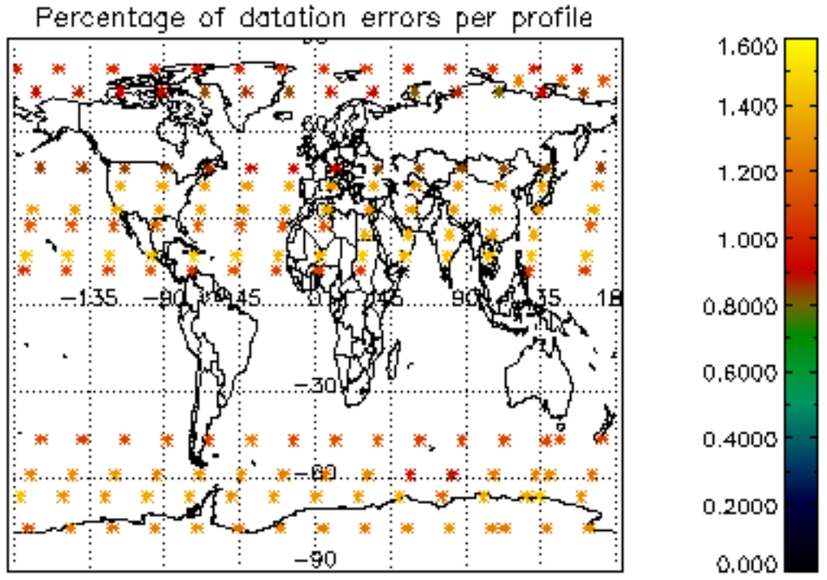

Percentage of cosmic ray hits per profile
100.0
80.00
60.00
40.00
20.00
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

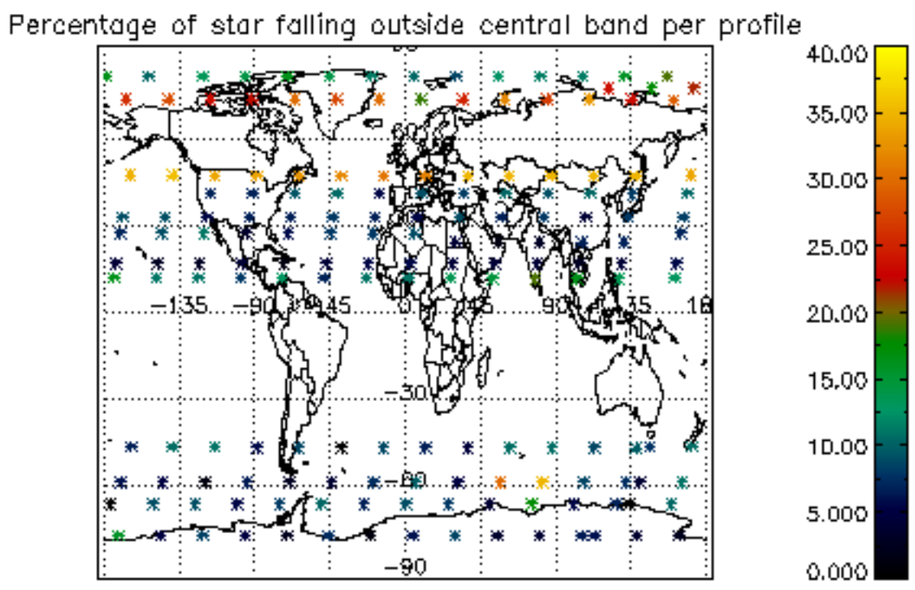

Percentage of datation errors per profile
1.600
1.400
1.200
1.000
0.8000
0.6000
0.4000
0.2000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

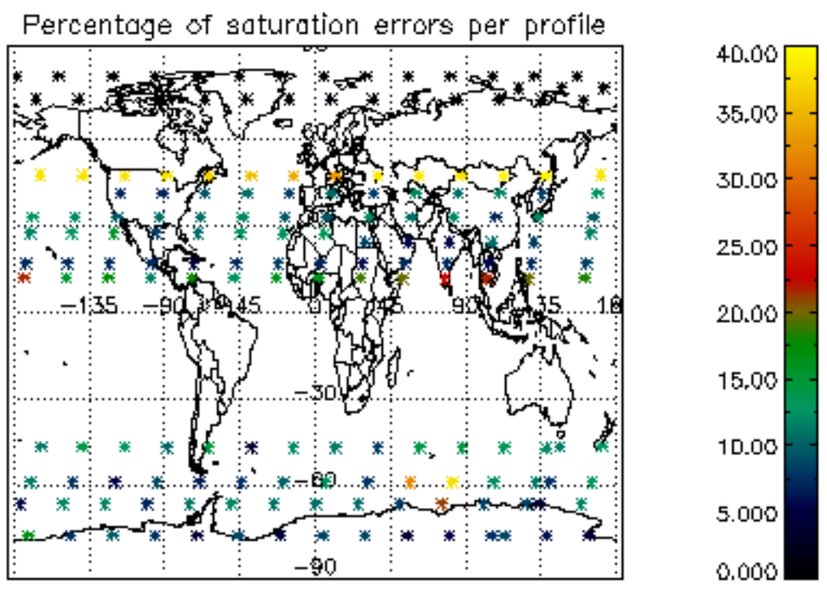

Percentage of star falling outside central band per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

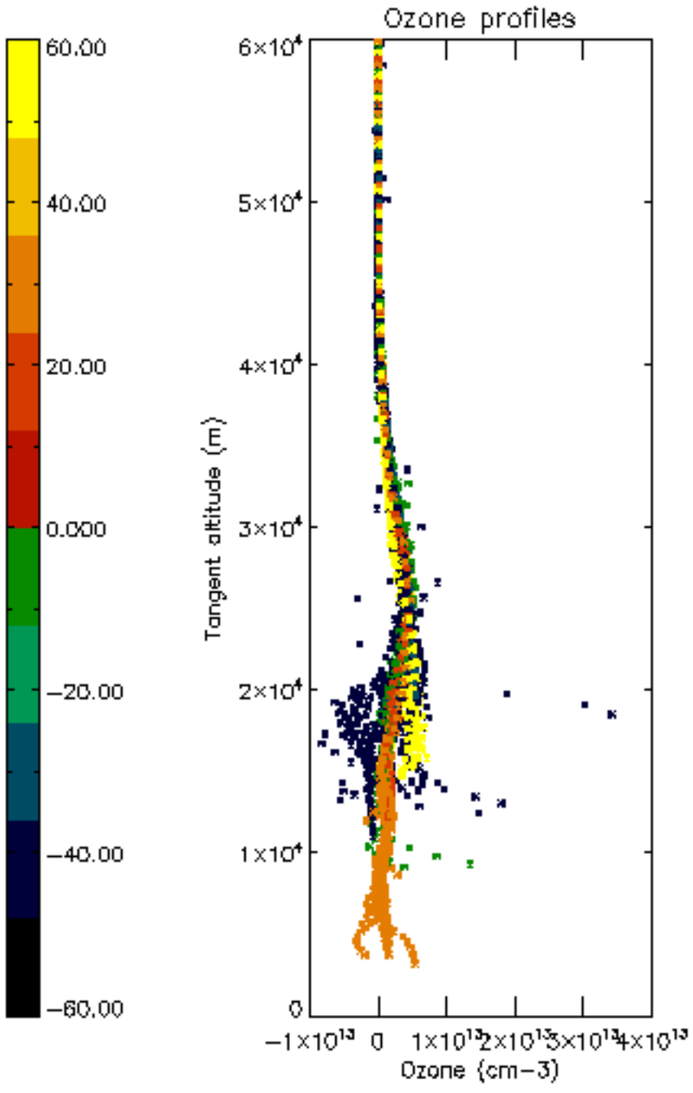

Percentage of saturation errors per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90


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


Percentage of datation errors per profile
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

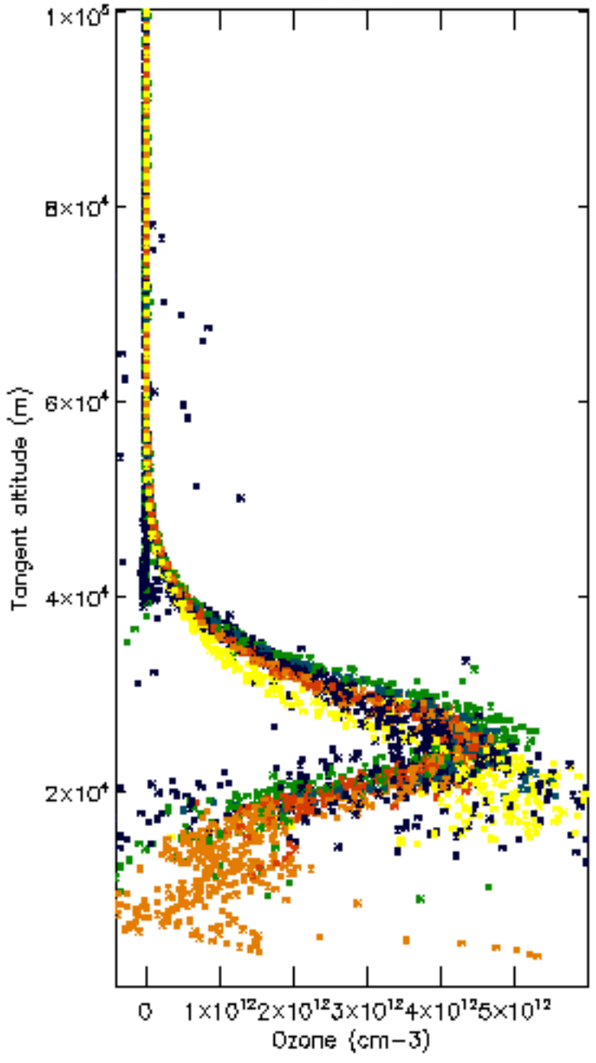

Percentage of star falling outside central band per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90


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

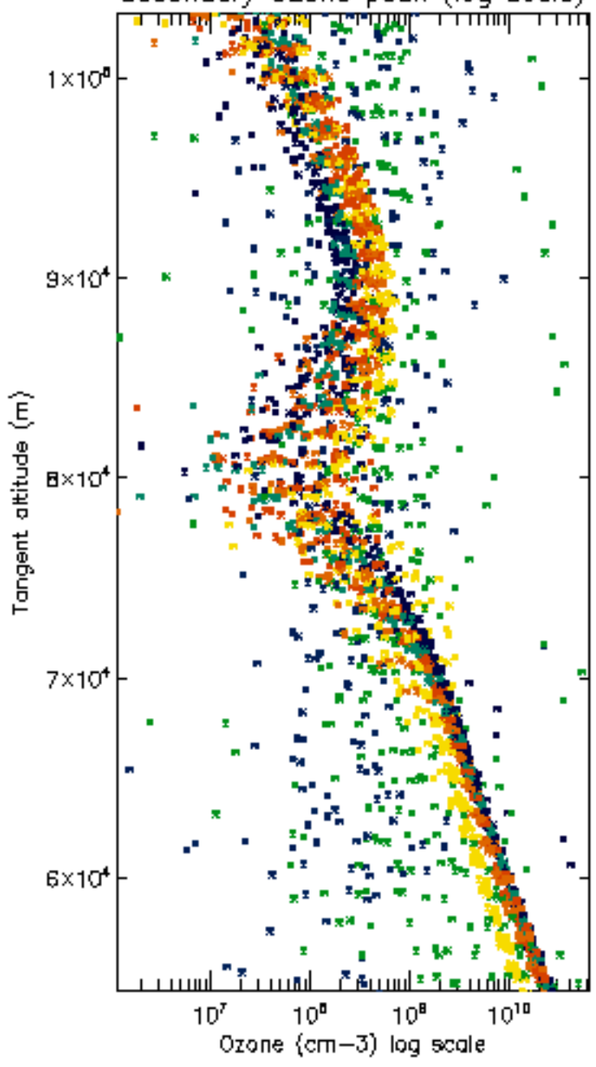


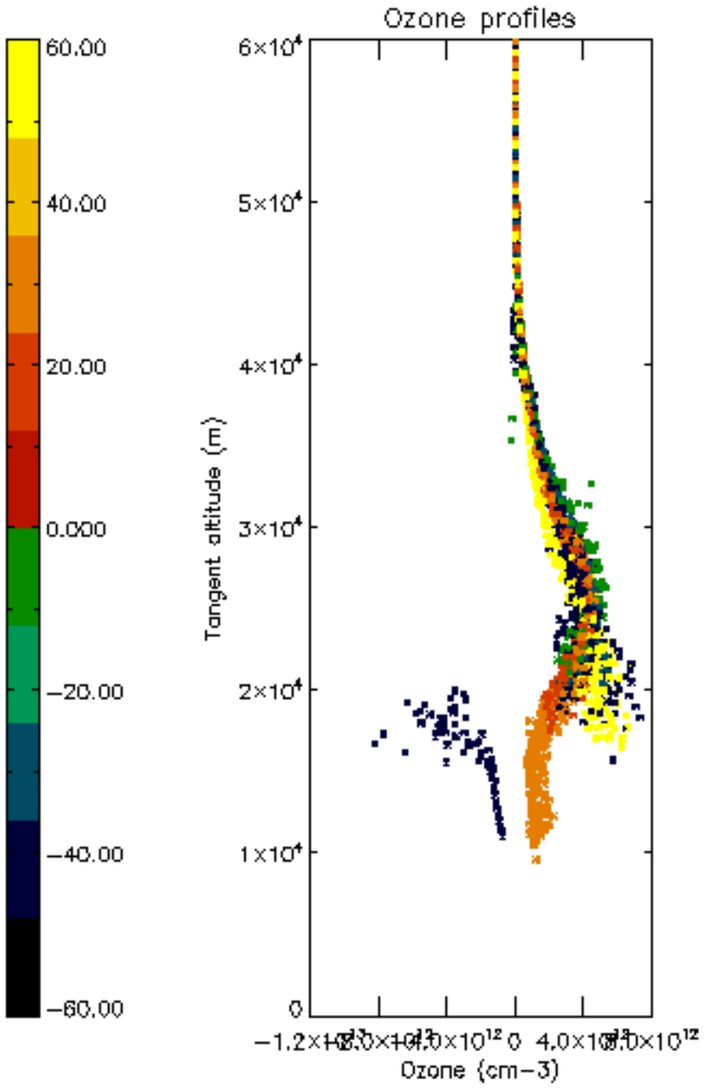
Ozone profiles

Zoom



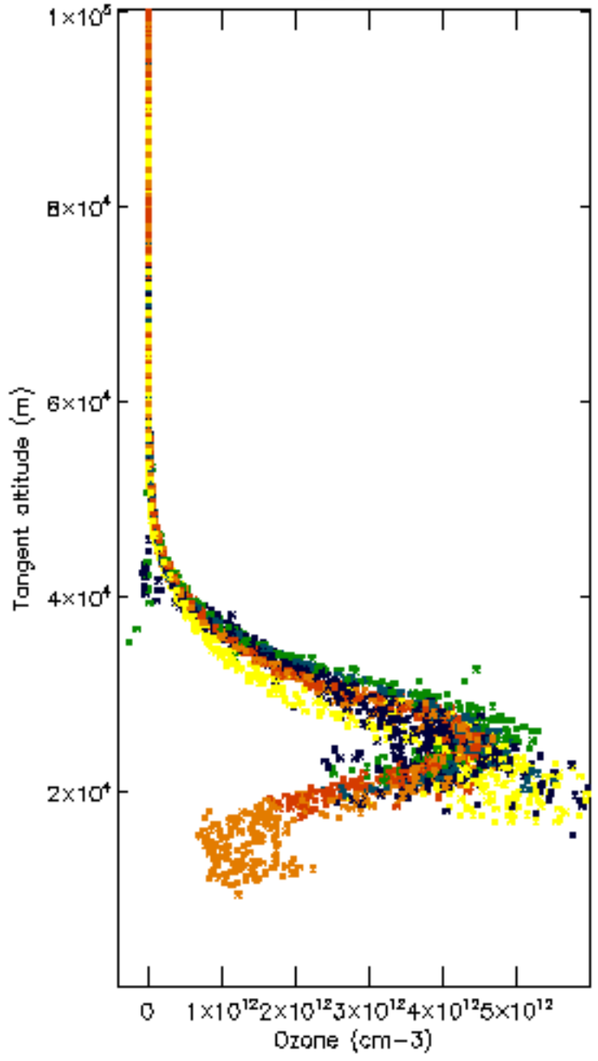
Secondary Ozone peak (log scale)



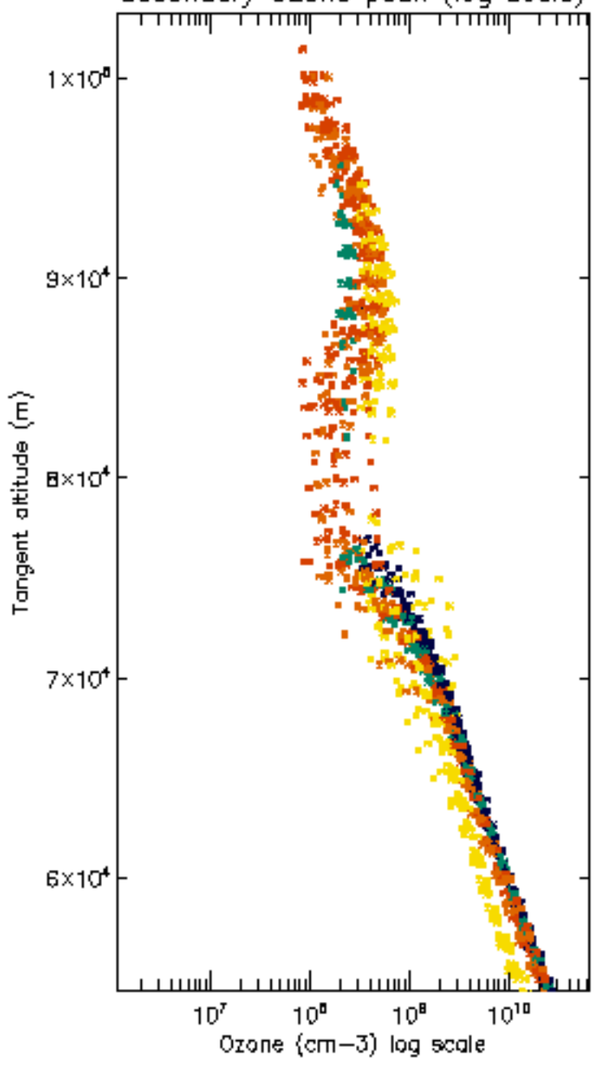


Ozone profiles

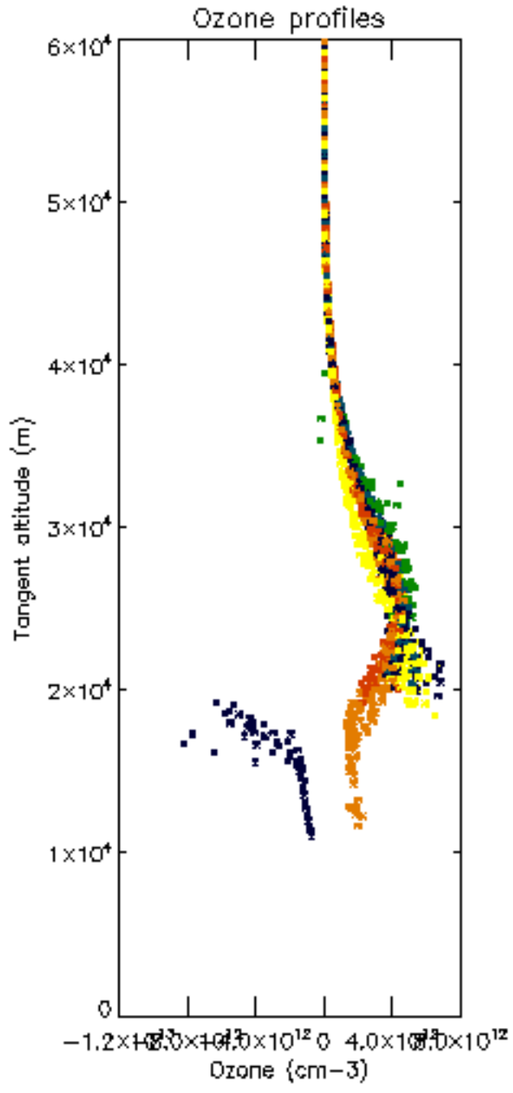
Zoom

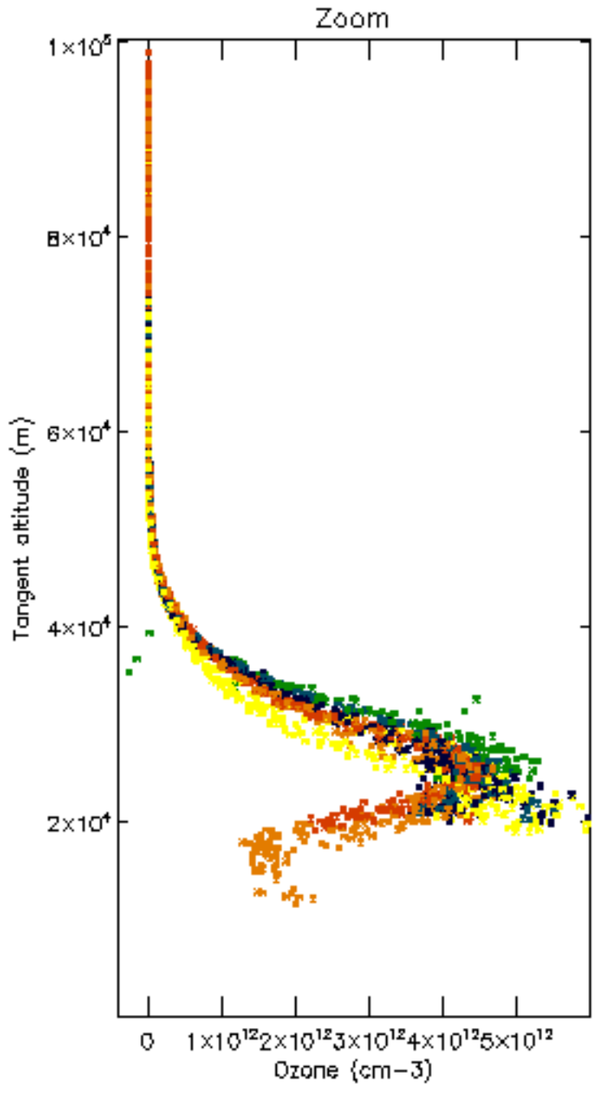


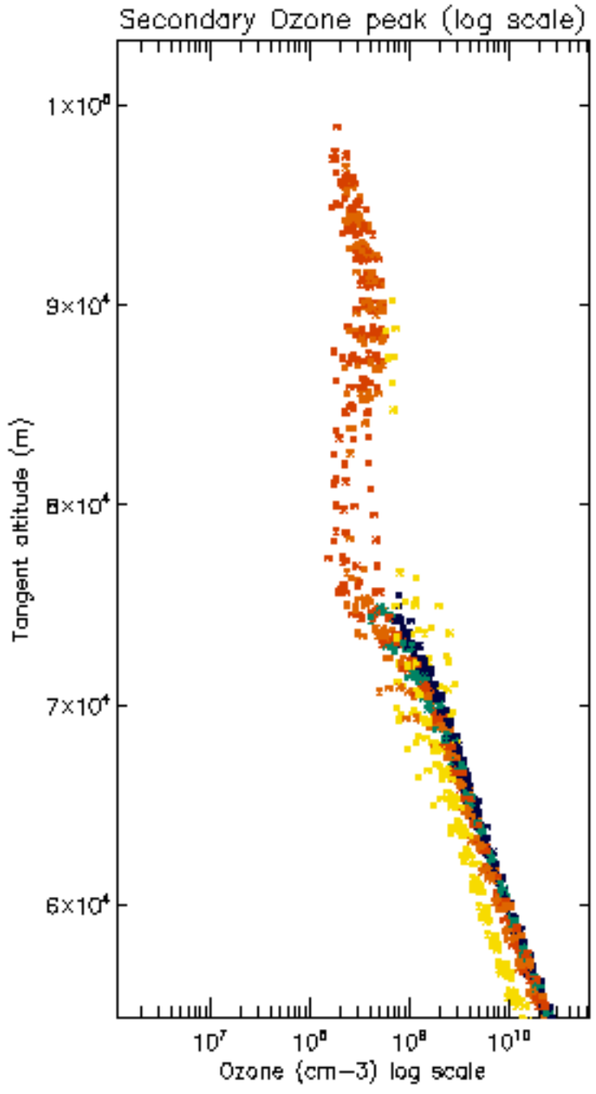
Secondary Ozone peak (log scale)

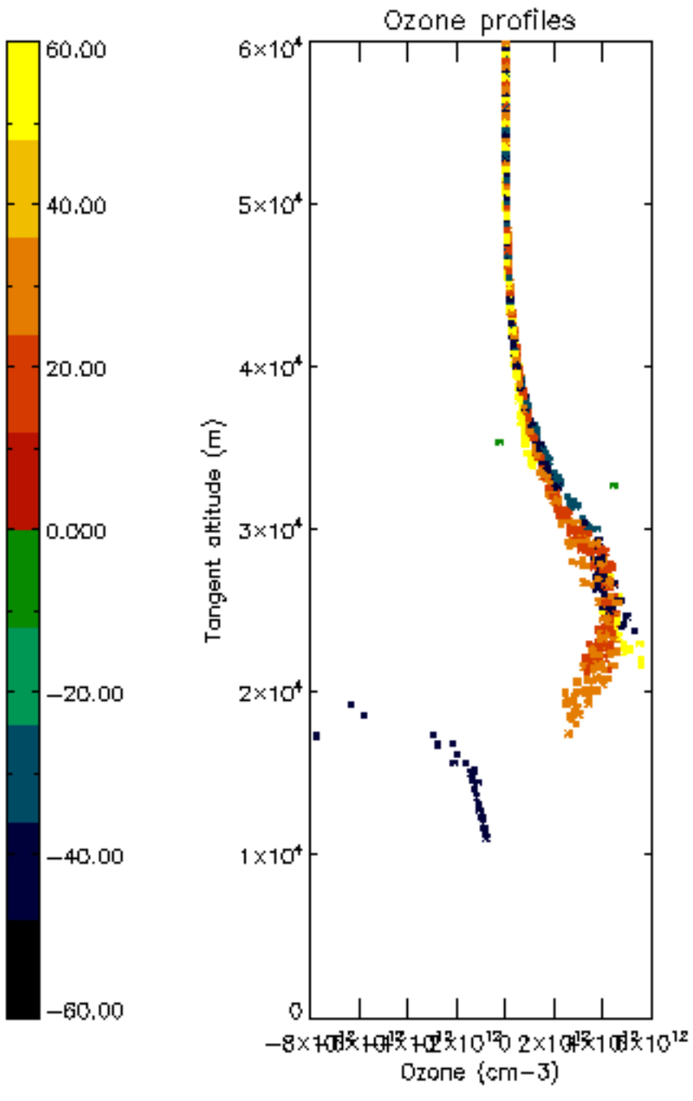



60.00
40.00
20.00
0.000
−20.00
−40.00
−60.00


Ozone profiles
Tangent altitude (m)
Ozone (cm−3)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
−1.2×10¹²
4.0×10¹²

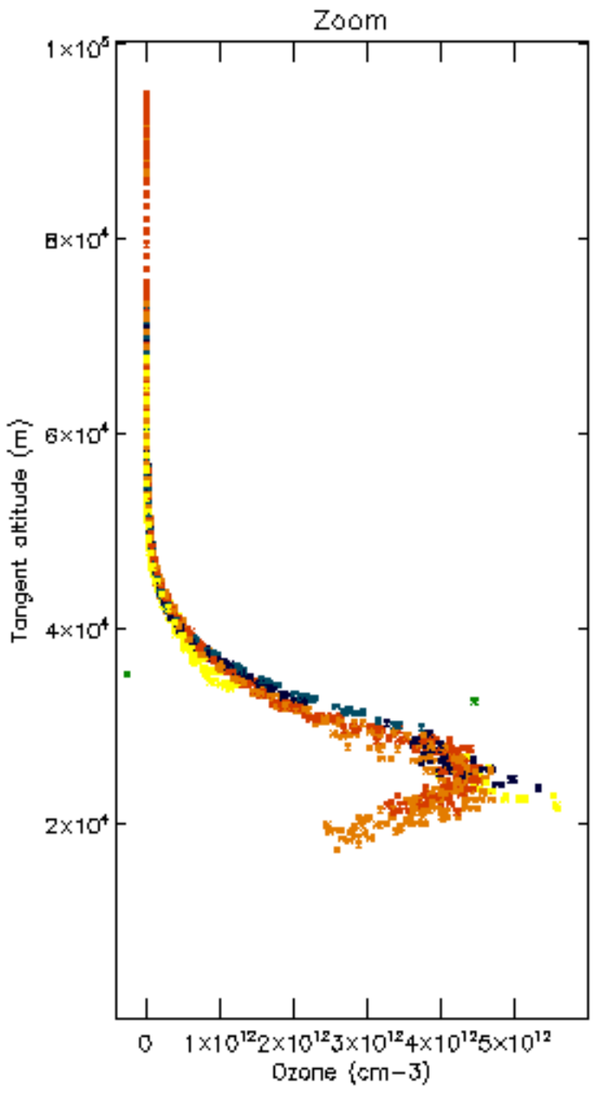

Zoom
Tangent altitude (m)
Ozone (cm−3)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²


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

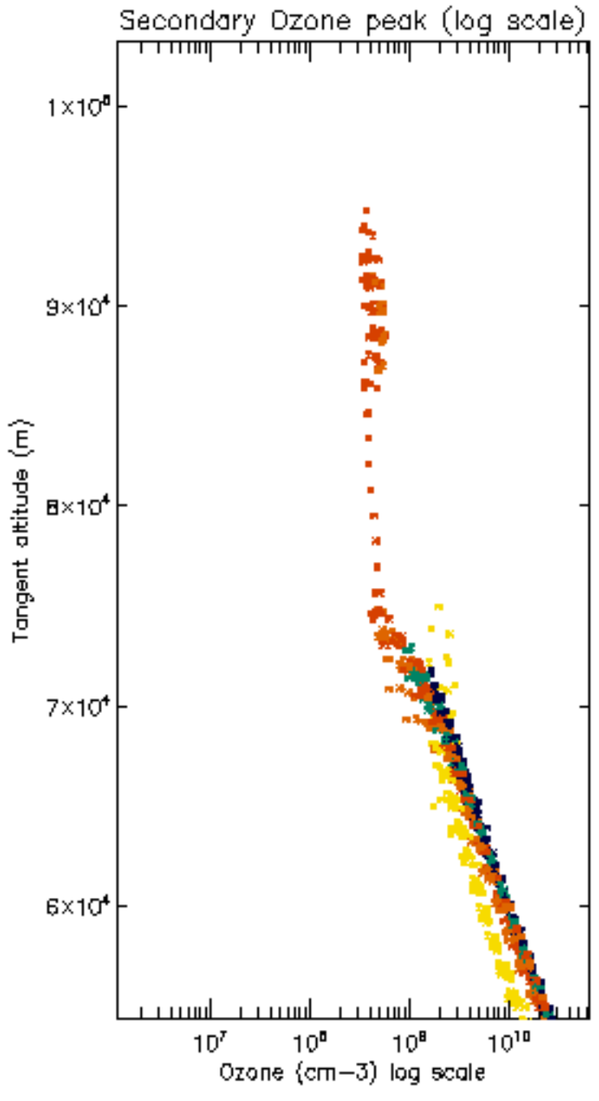


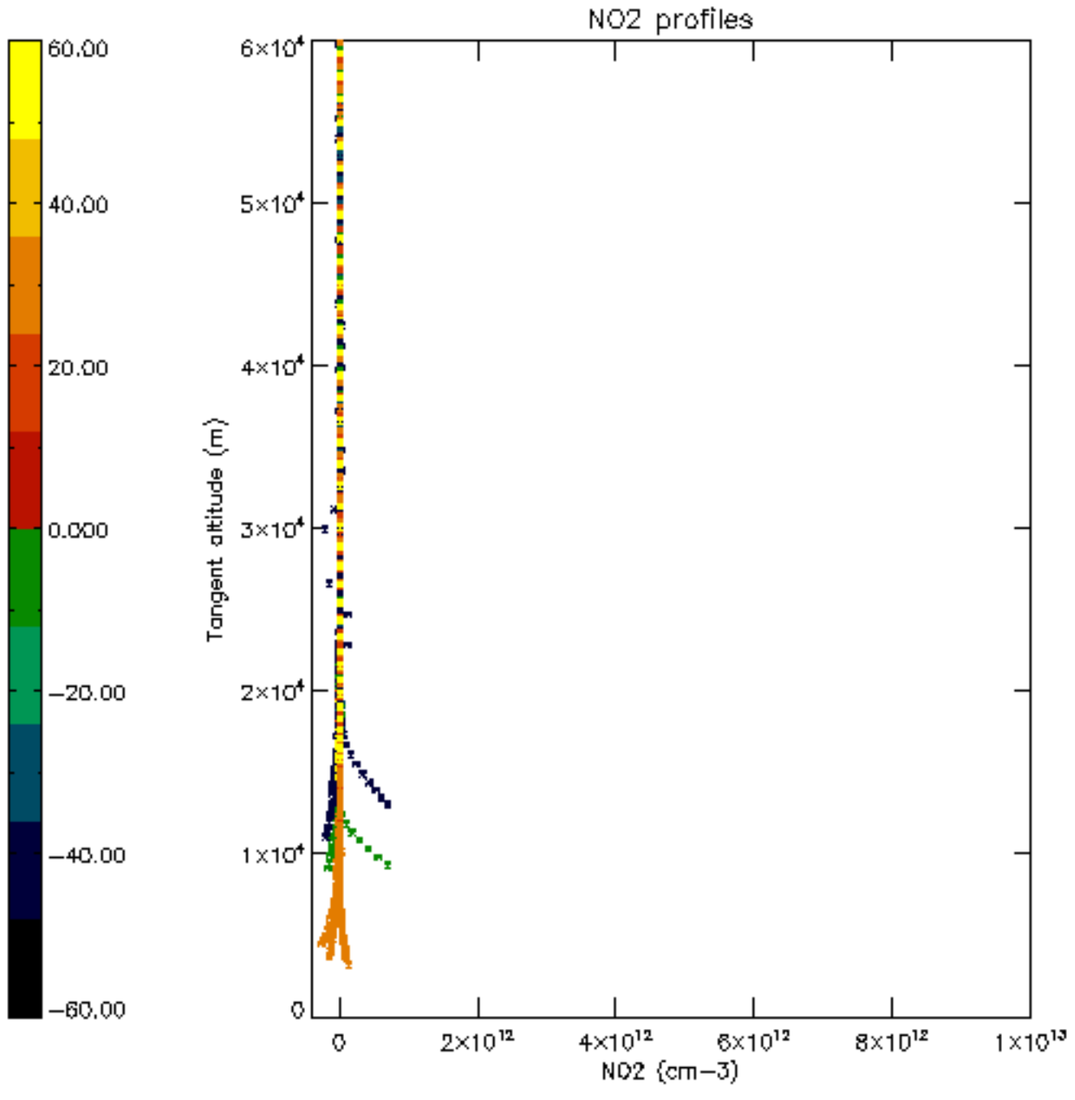
Ozone profiles

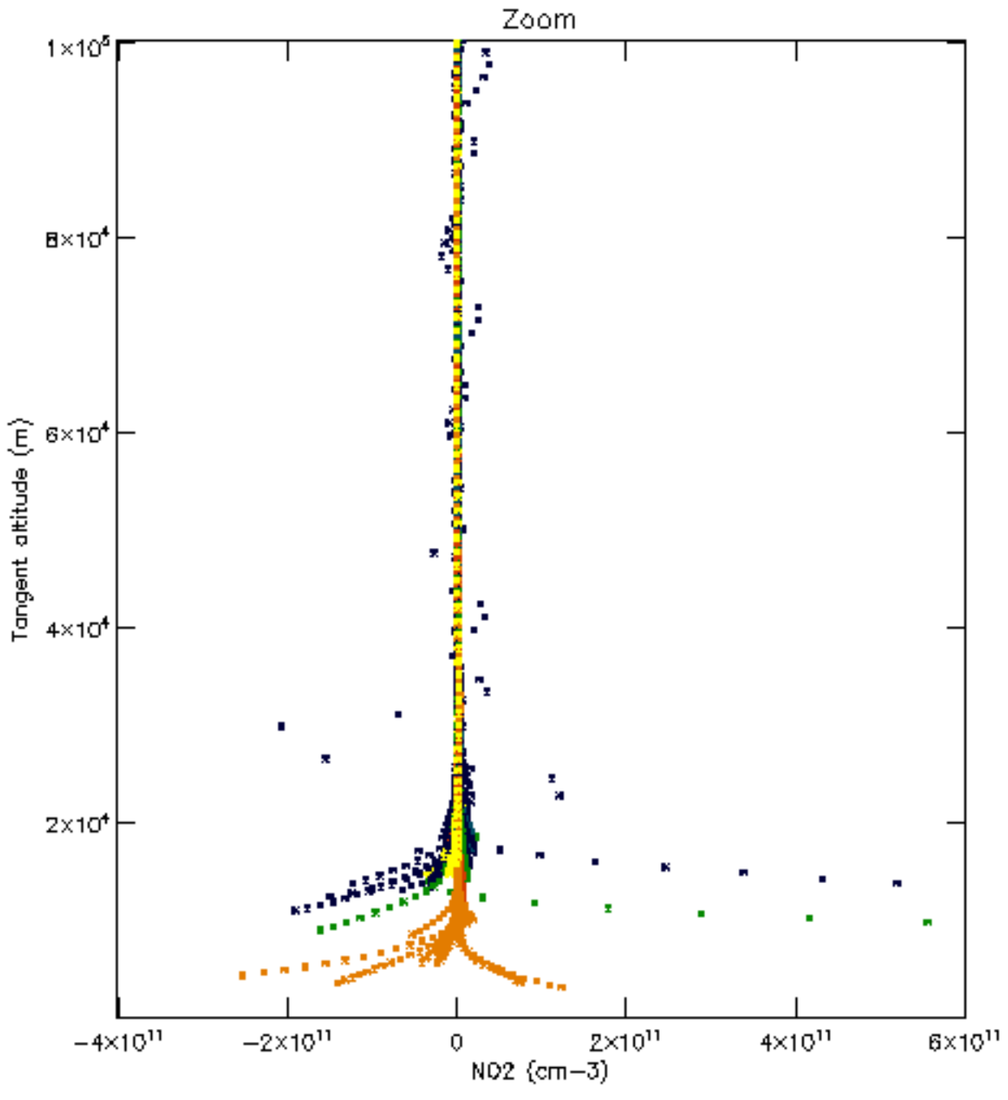
Zoom

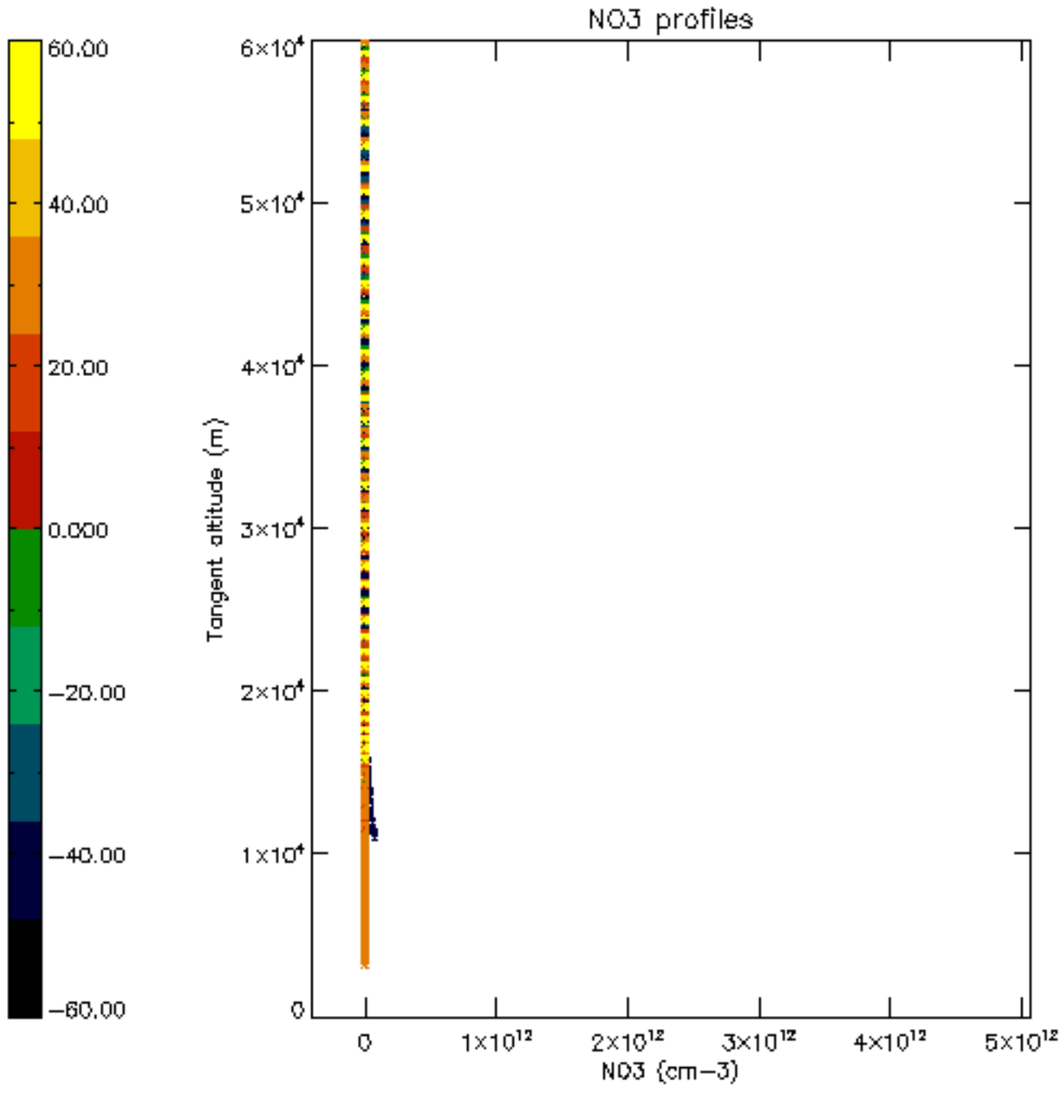


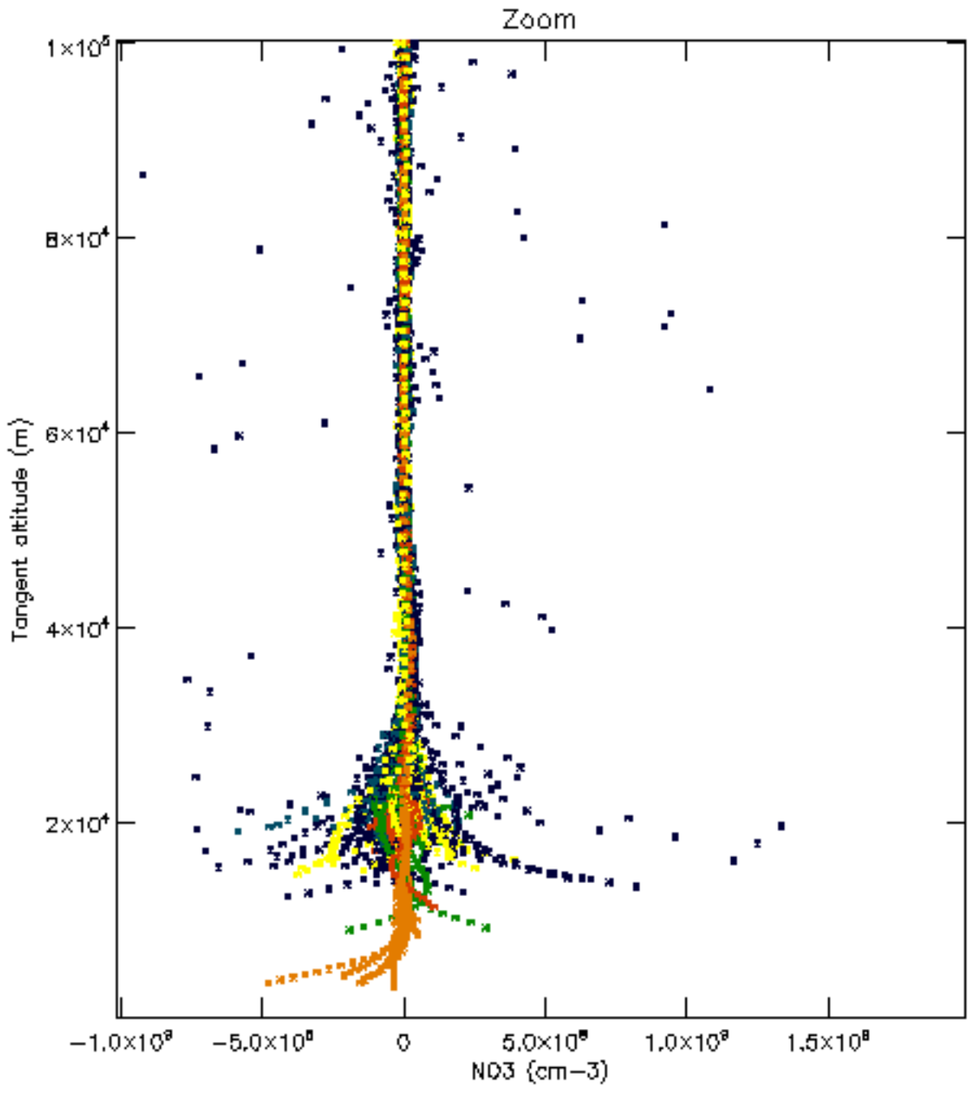
Secondary Ozone peak (log scale)

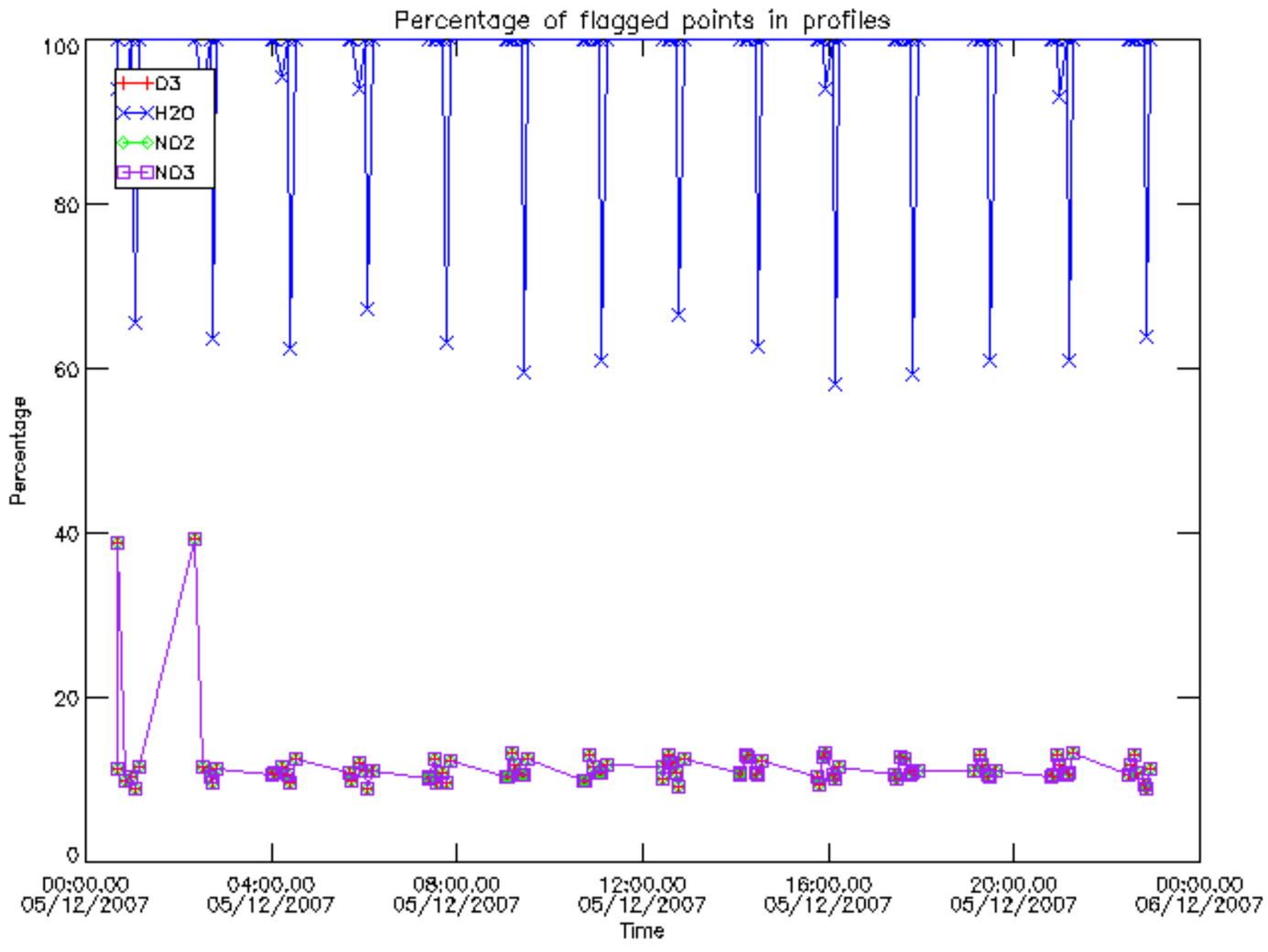



NO2 profiles
60.00
40.00
20.00
0.000
−20.00
−40.00
−60.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
2×10¹²
4×10¹²
6×10¹²
8×10¹²
1×10¹³
NO2 (cm−3)

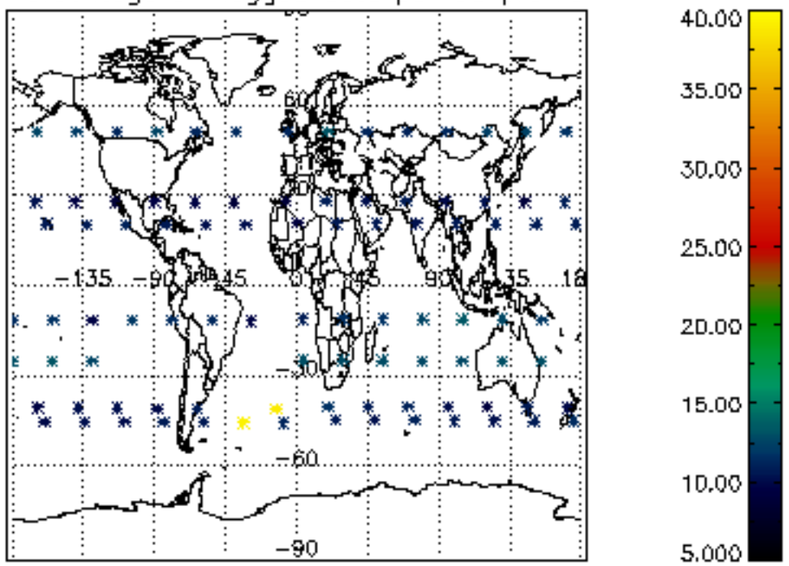

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
−4×10¹¹
−2×10¹¹
0
2×10¹¹
4×10¹¹
6×10¹¹
NO2 (cm−3)


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)

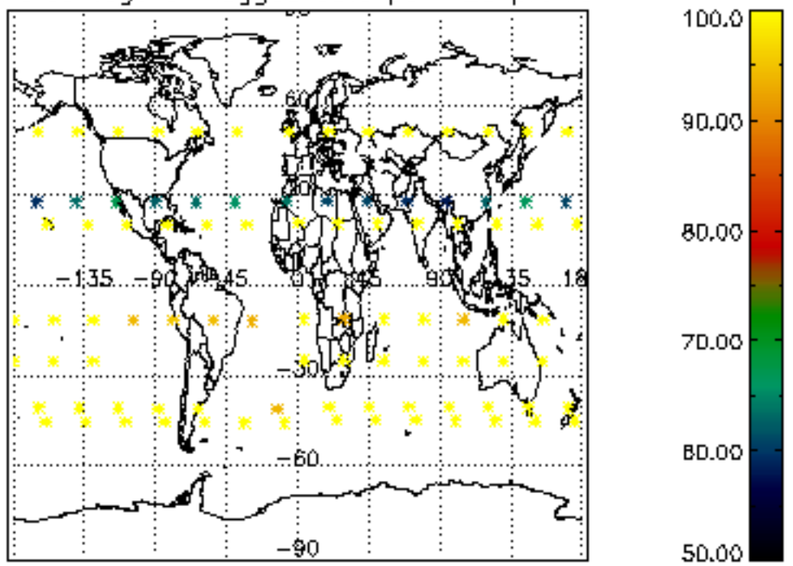

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
−1.0×10⁹
−5.0×10⁸
0
5.0×10⁸
1.0×10⁹
1.5×10⁹
NO3 (cm−3)


Percentage of flagged points in profiles
O3
H2O
NO2
NO3
100
80
60
40
20
0
Percentage
00:00.00
05/12/2007
04:00.00
05/12/2007
08:00.00
05/12/2007
12:00.00
05/12/2007
16:00.00
05/12/2007
20:00.00
05/12/2007
00:00.00
06/12/2007
Time

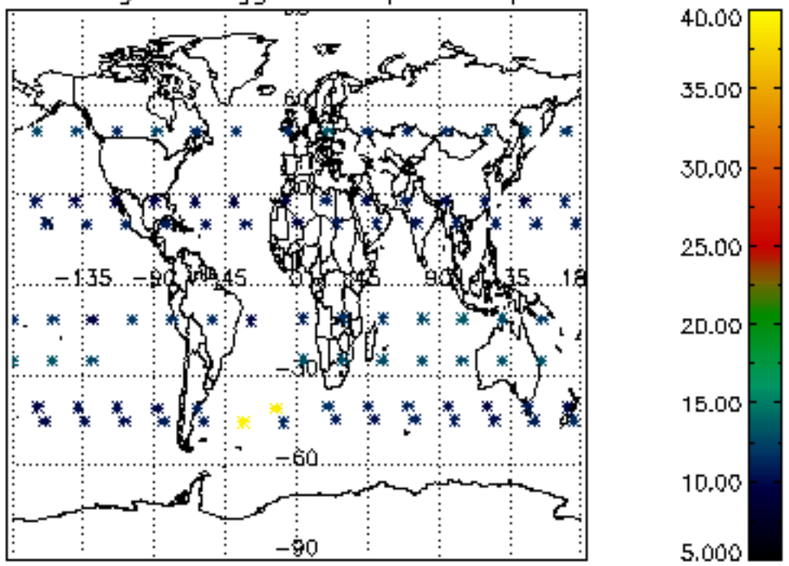
Percentage of flagged data per O3 profile



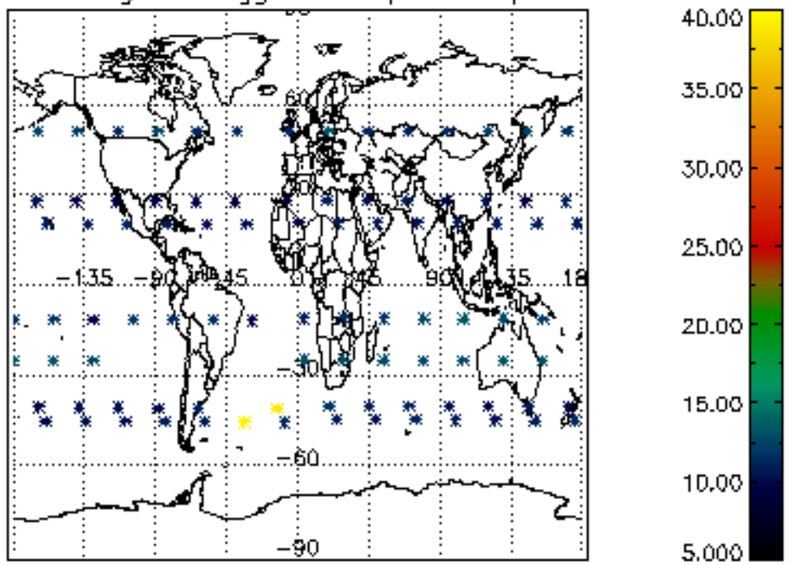
Percentage of flagged data per H2O profile

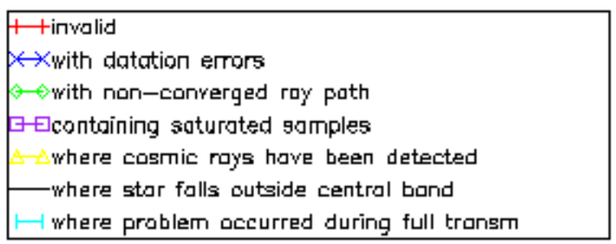


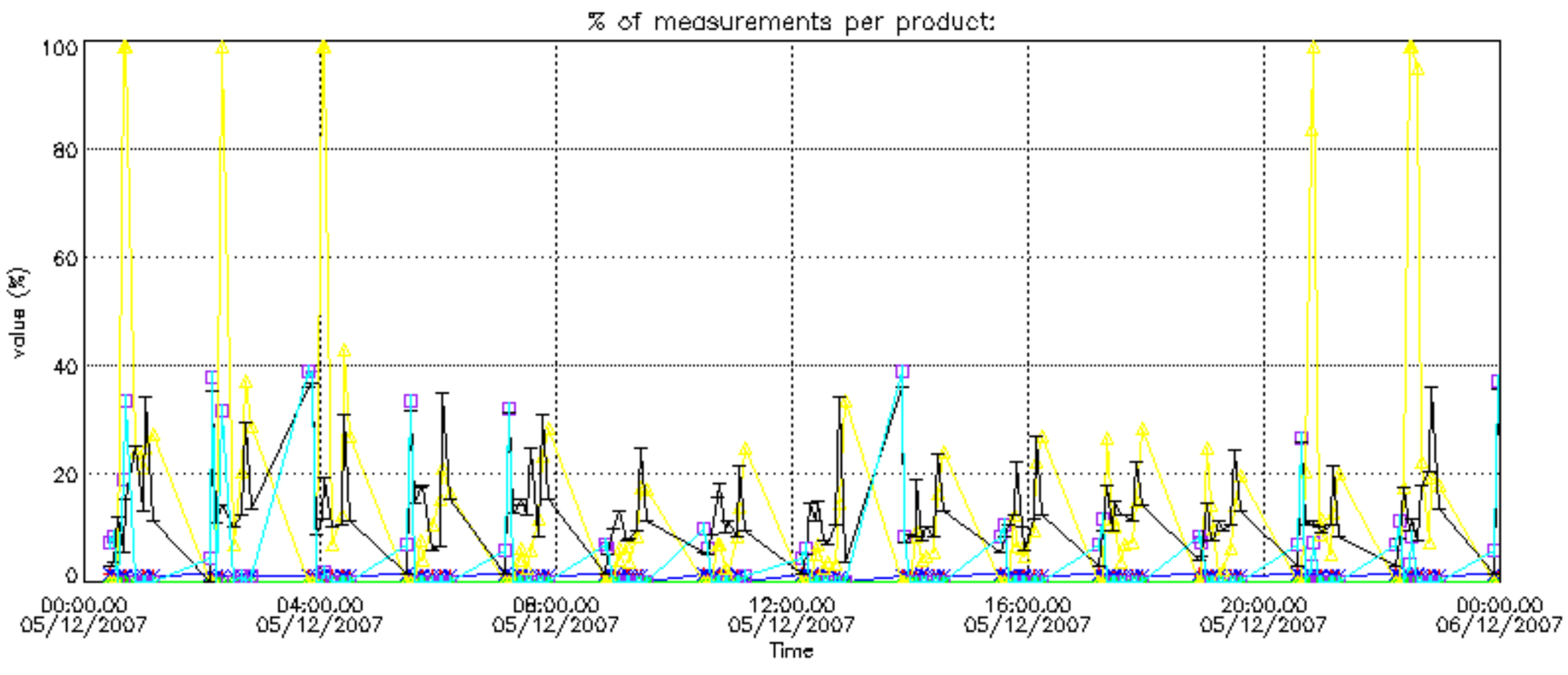
Percentage of flagged data per NO2 profile

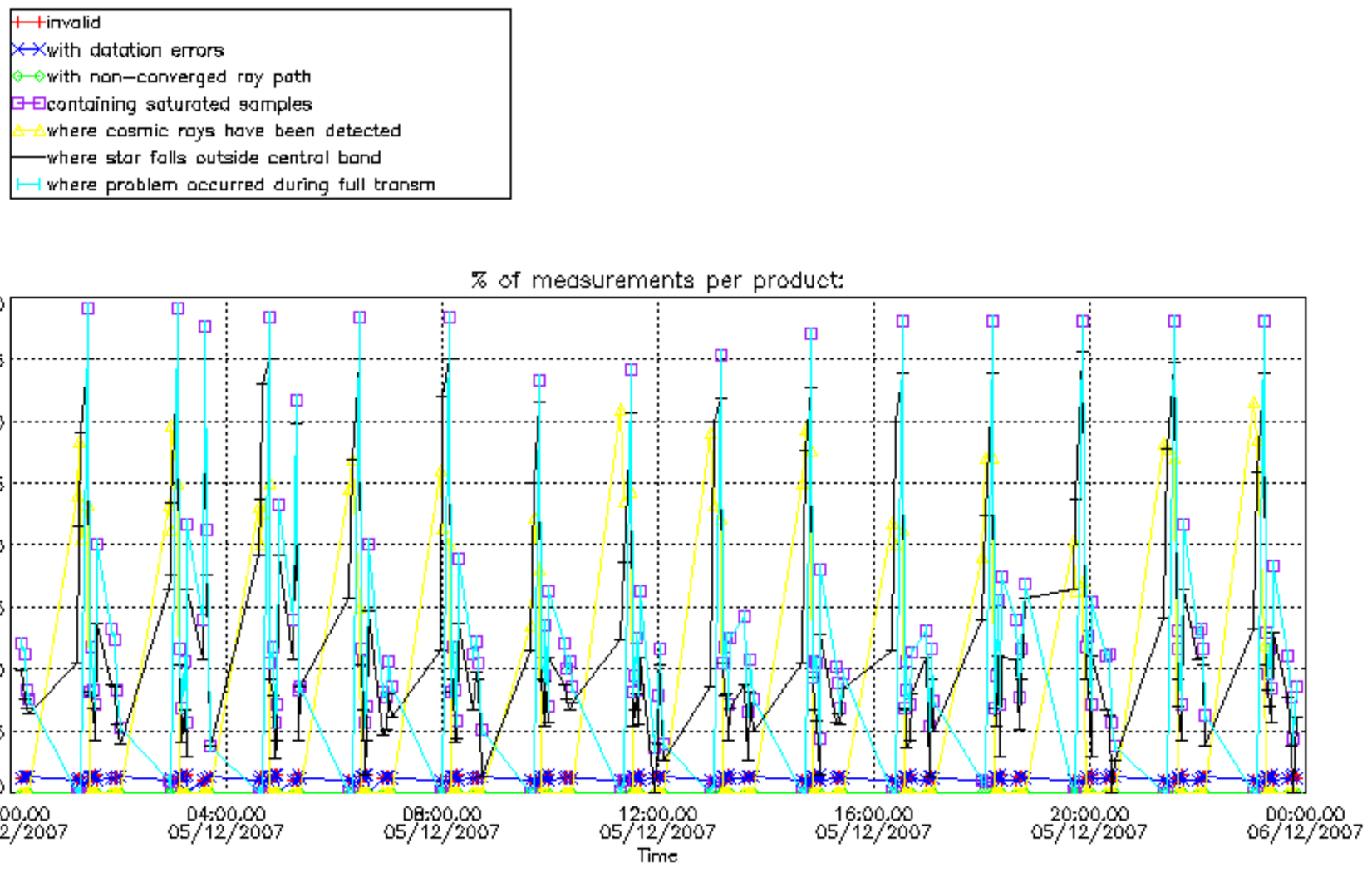


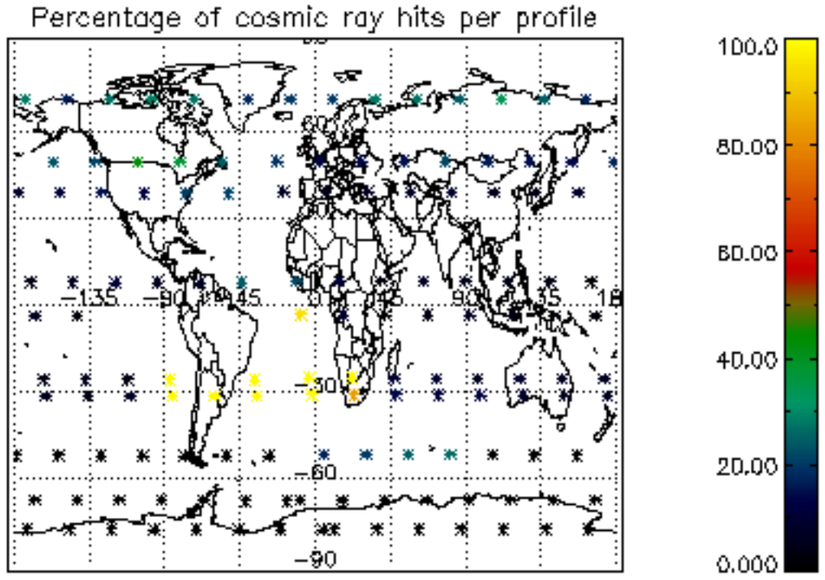
Percentage of flagged data per NO3 profile

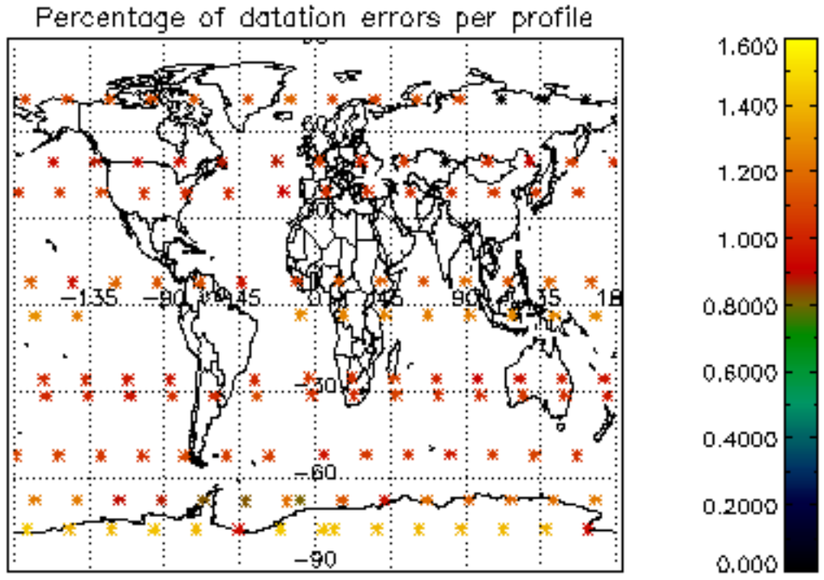


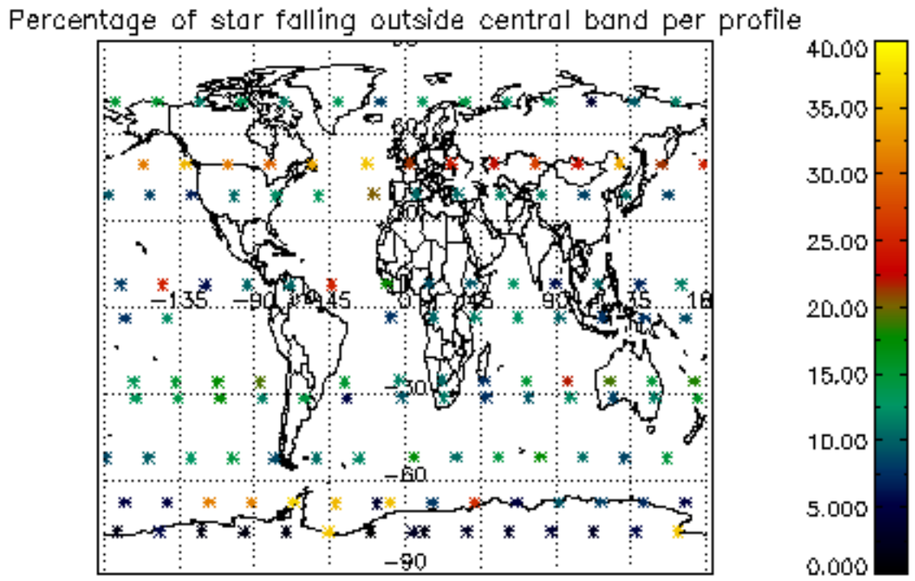

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm

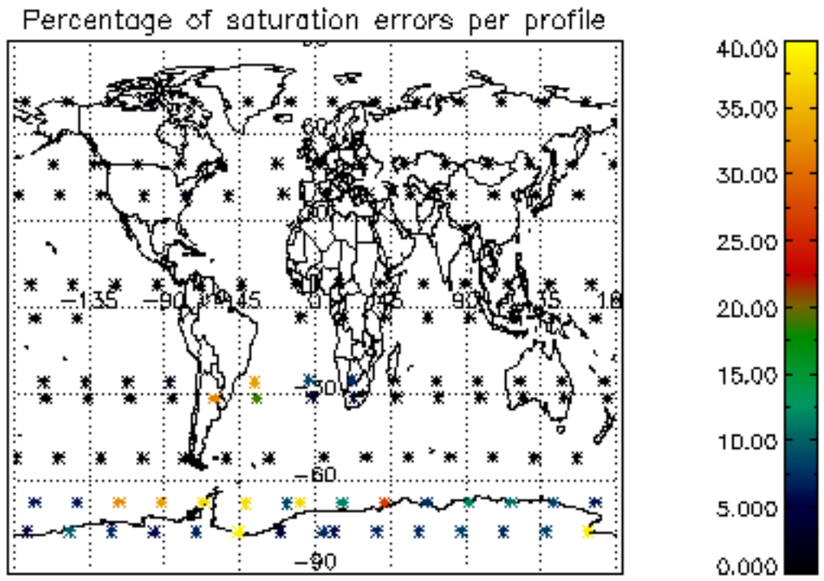

% of measurements per product:
100
80
60
40
20
0
value (%)
00:00.00
05/12/2007
04:00.00
05/12/2007
08:00.00
05/12/2007
12:00.00
05/12/2007
16:00.00
05/12/2007
20:00.00
05/12/2007
00:00.00
06/12/2007
Time

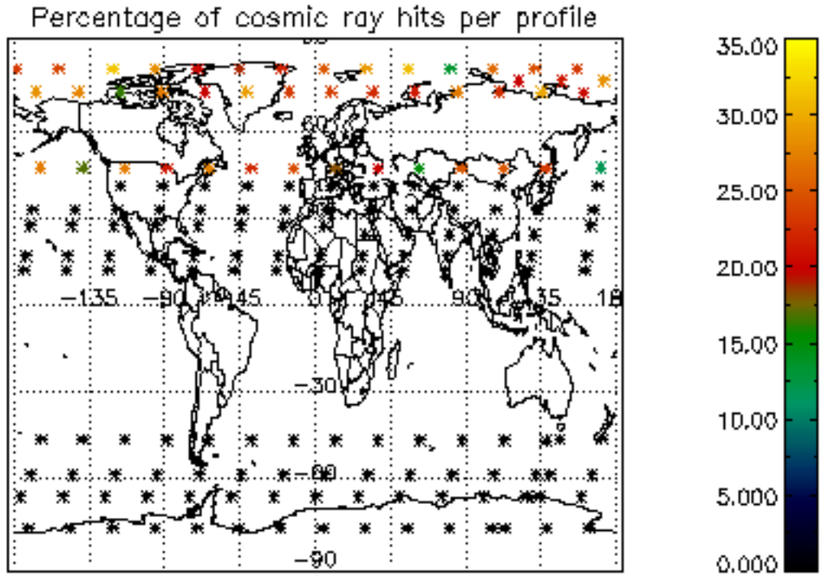

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
value (%)
0
5
10
15
20
25
30
35
40
00:00.00 05/12/2007
04:00.00 05/12/2007
08:00.00 05/12/2007
12:00.00 05/12/2007
16:00.00 05/12/2007
20:00.00 05/12/2007
00:00.00 06/12/2007
Time

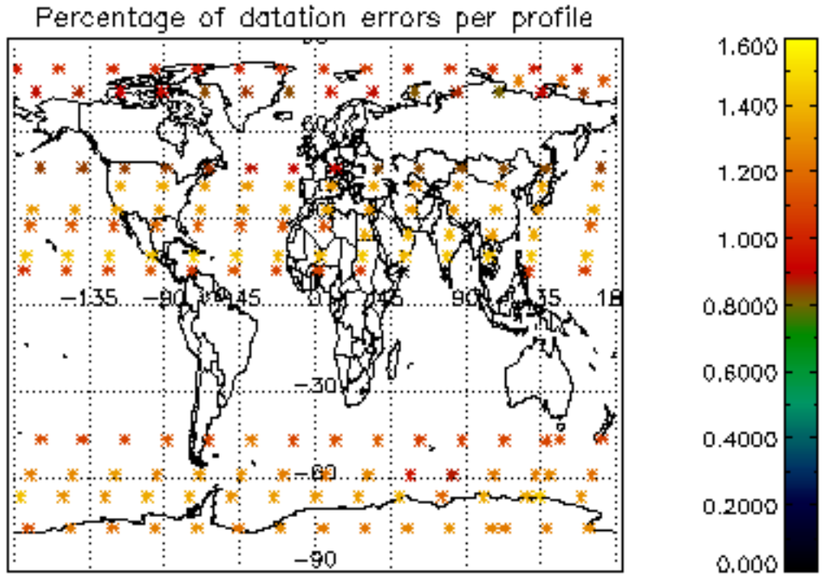

Percentage of cosmic ray hits per profile
100.0
80.00
60.00
40.00
20.00
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

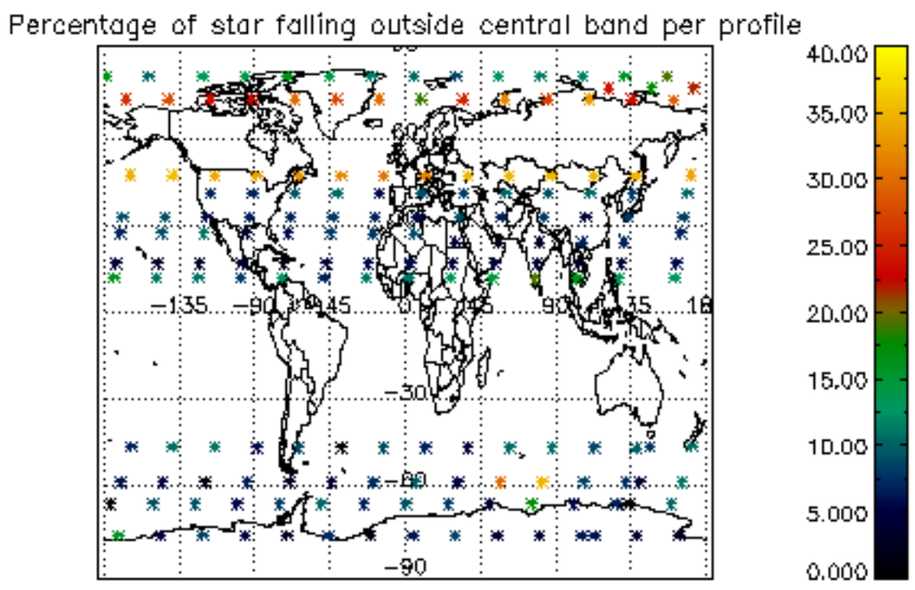

Percentage of datation errors per profile
1.600
1.400
1.200
1.000
0.8000
0.6000
0.4000
0.2000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

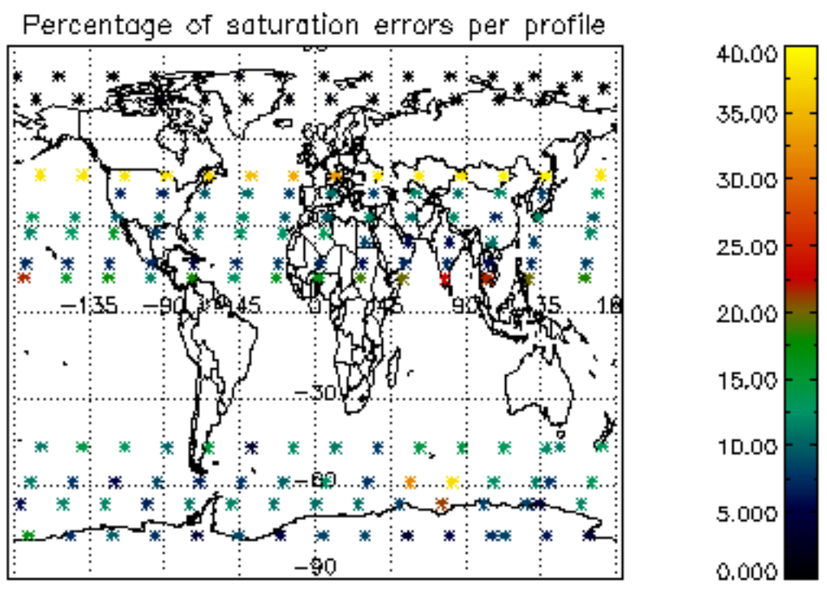

Percentage of star falling outside central band per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

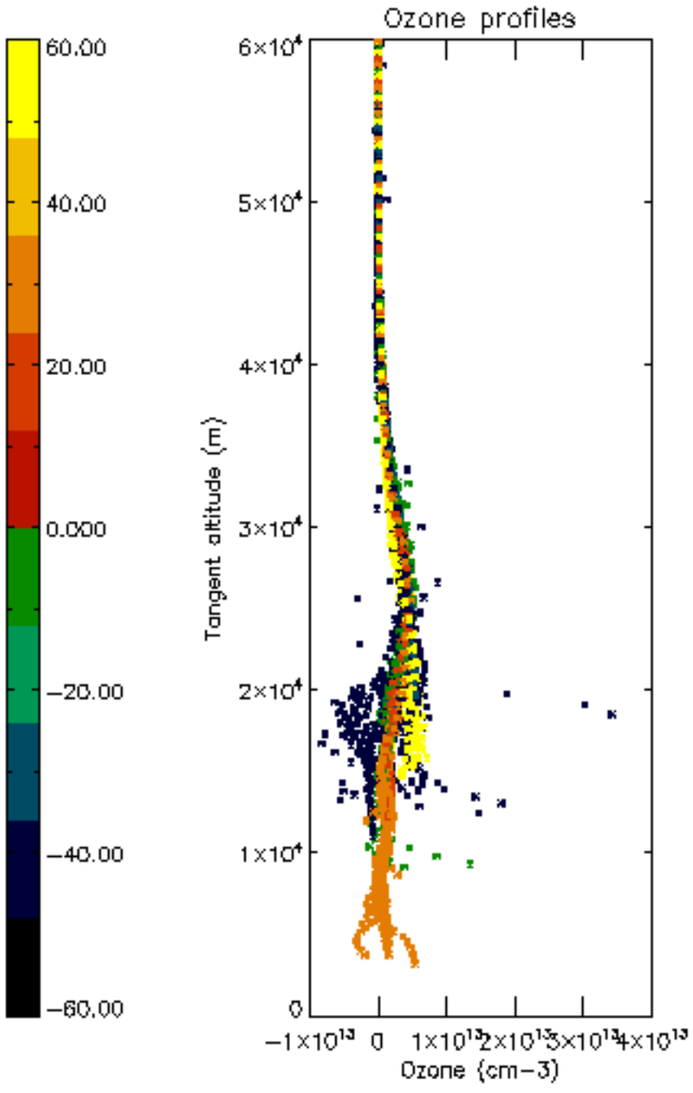

Percentage of saturation errors per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90


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


Percentage of datation errors per profile
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

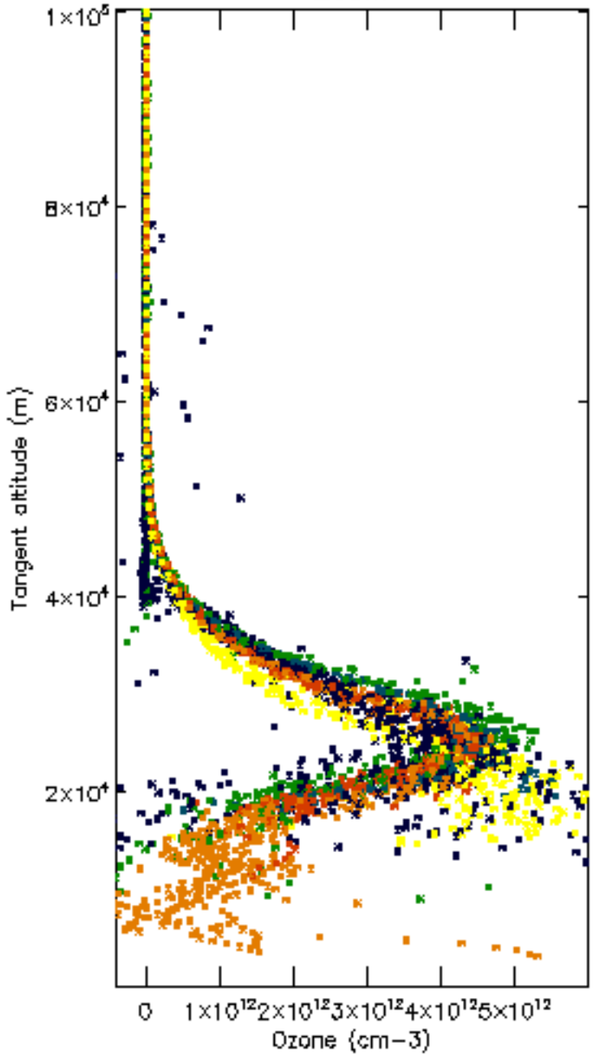

Percentage of star falling outside central band per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90


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

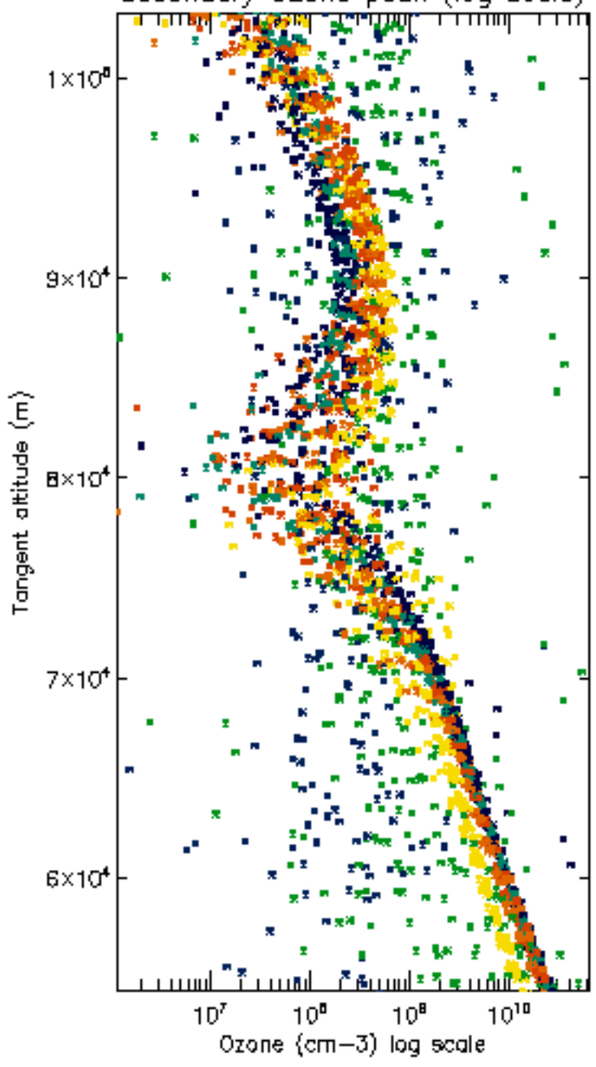


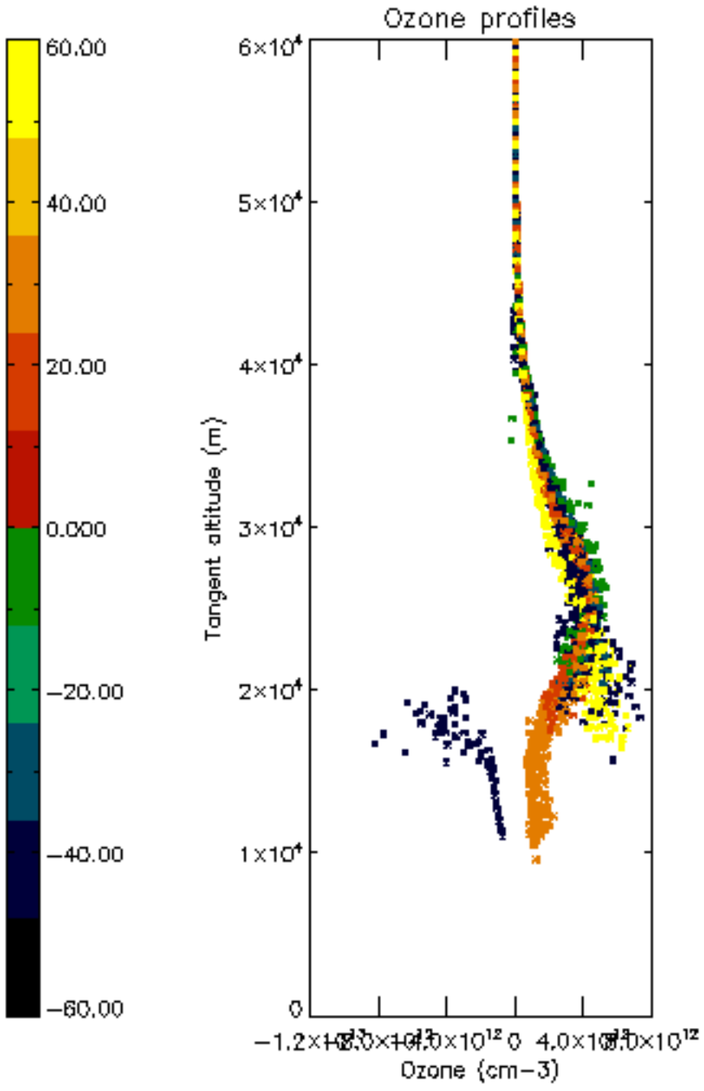
Ozone profiles

Zoom



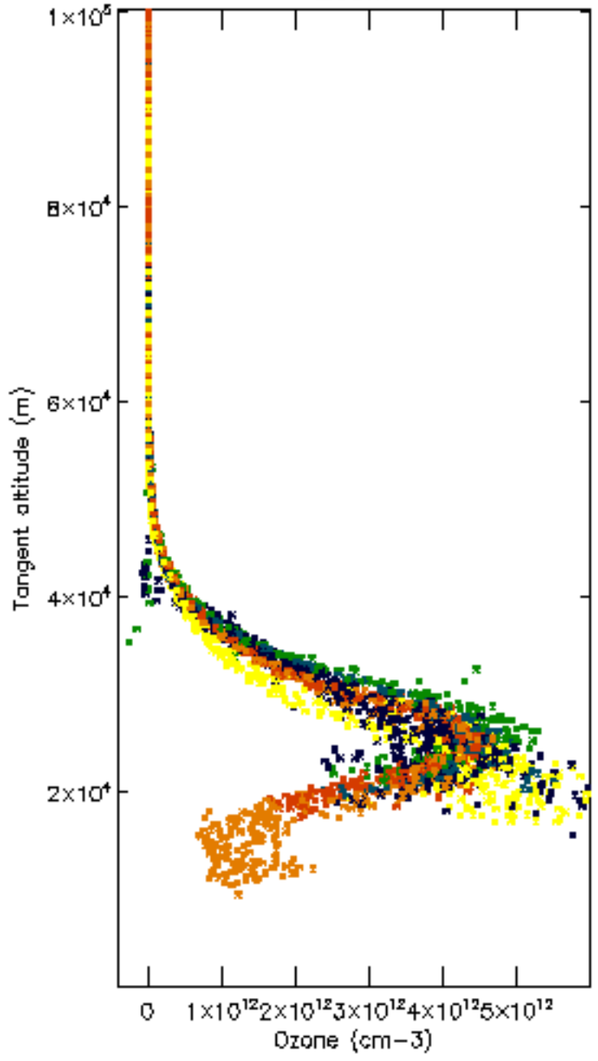
Secondary Ozone peak (log scale)



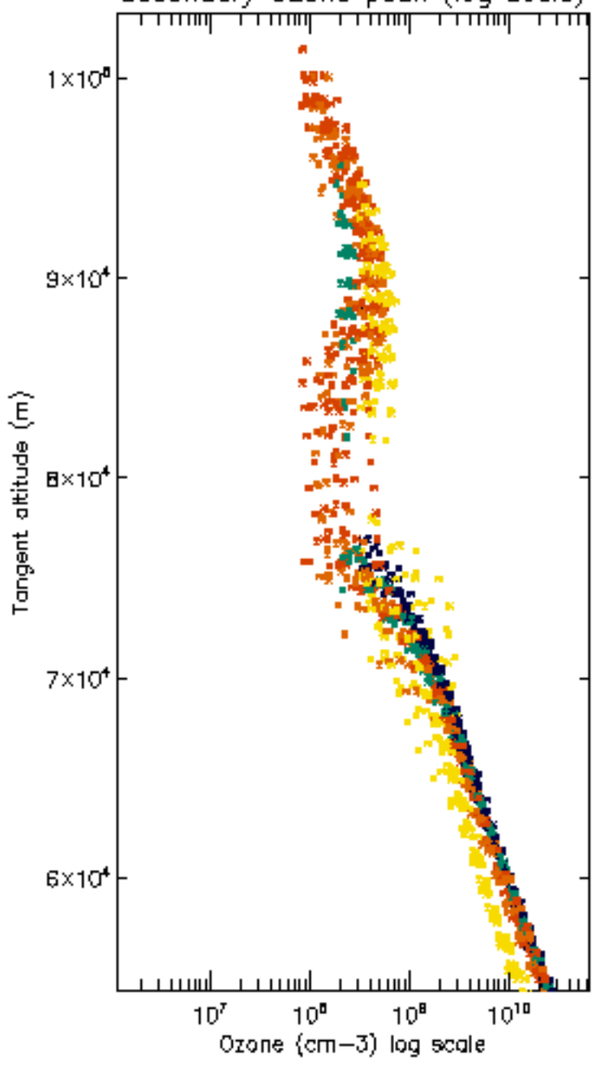


Ozone profiles

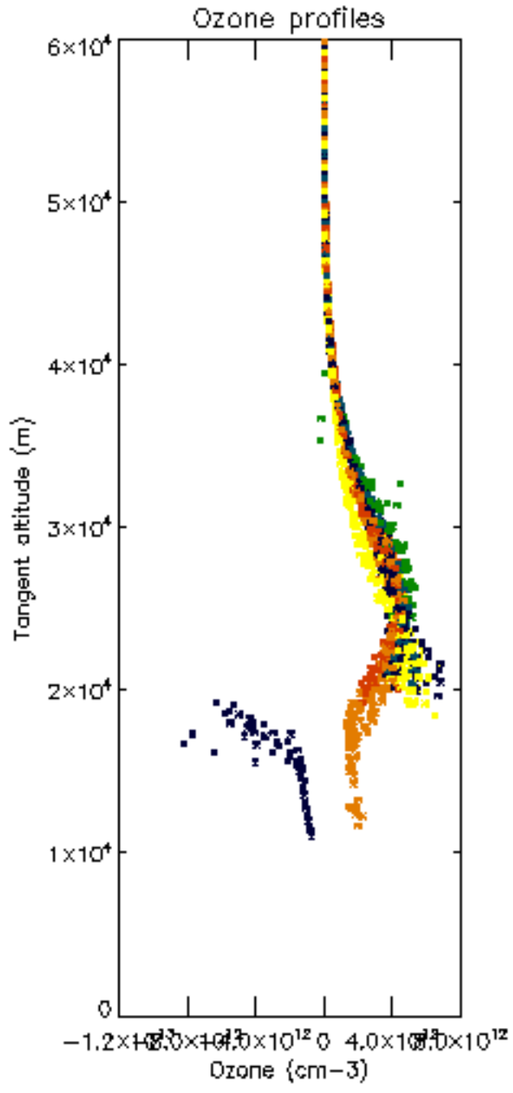
Zoom

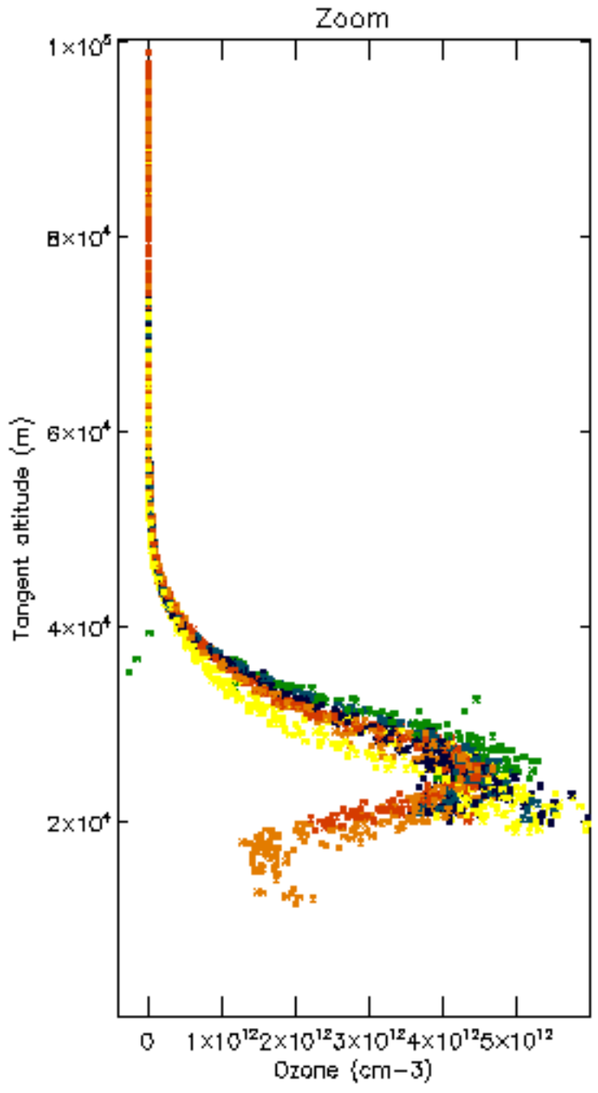


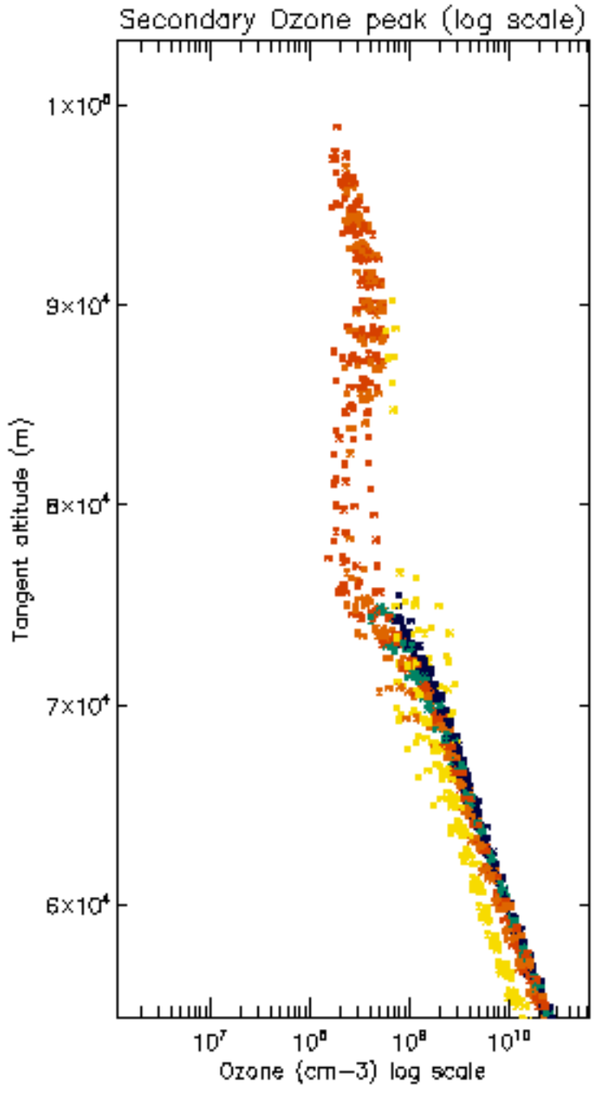
Secondary Ozone peak (log scale)

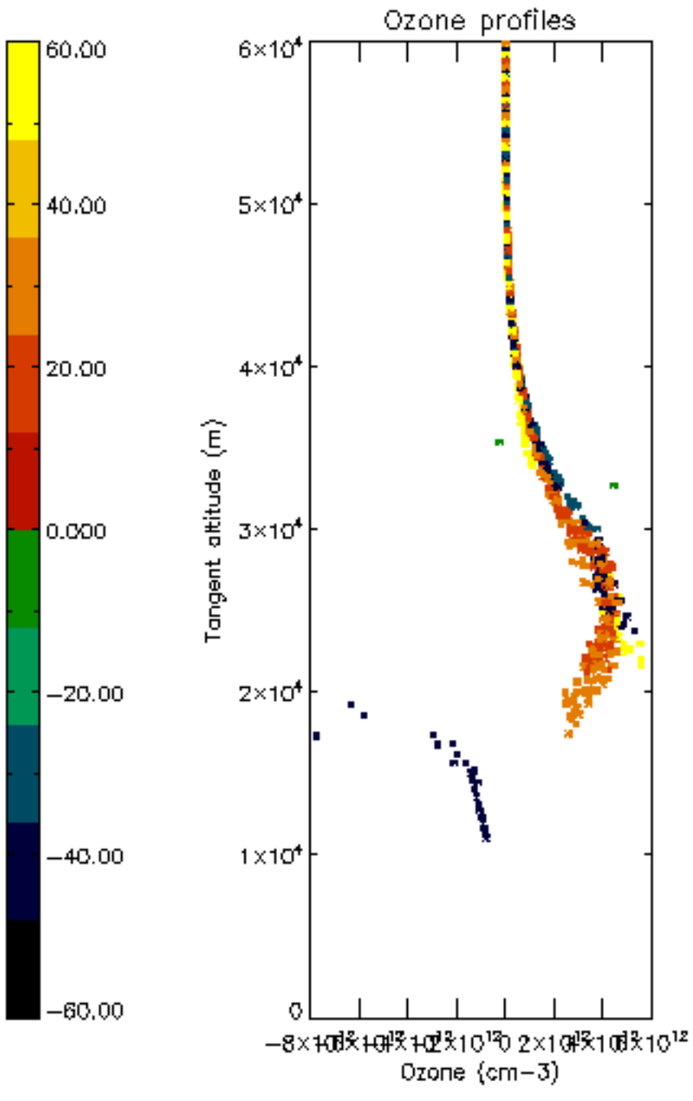



60.00
40.00
20.00
0.000
−20.00
−40.00
−60.00


Ozone profiles
Tangent altitude (m)
Ozone (cm−3)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
−1.2×10¹²
4.0×10¹²

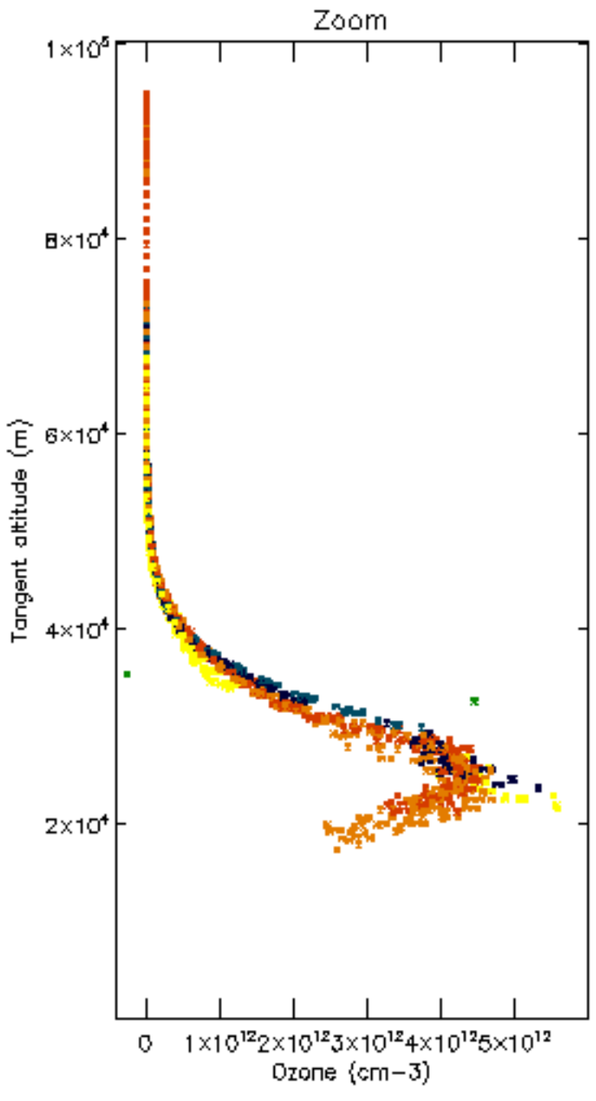

Zoom
Tangent altitude (m)
Ozone (cm−3)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²


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

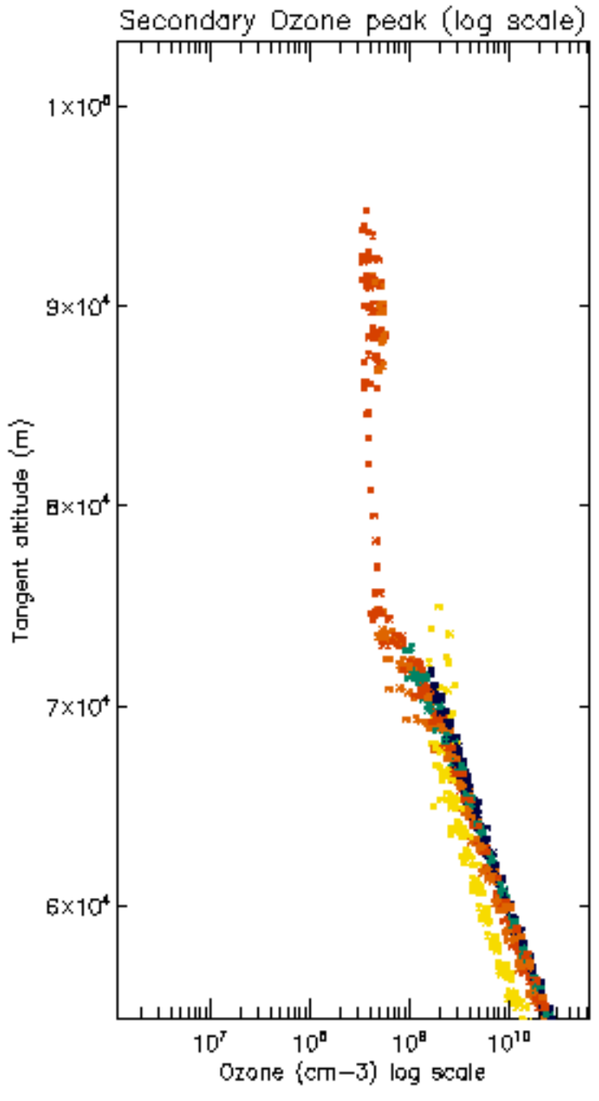


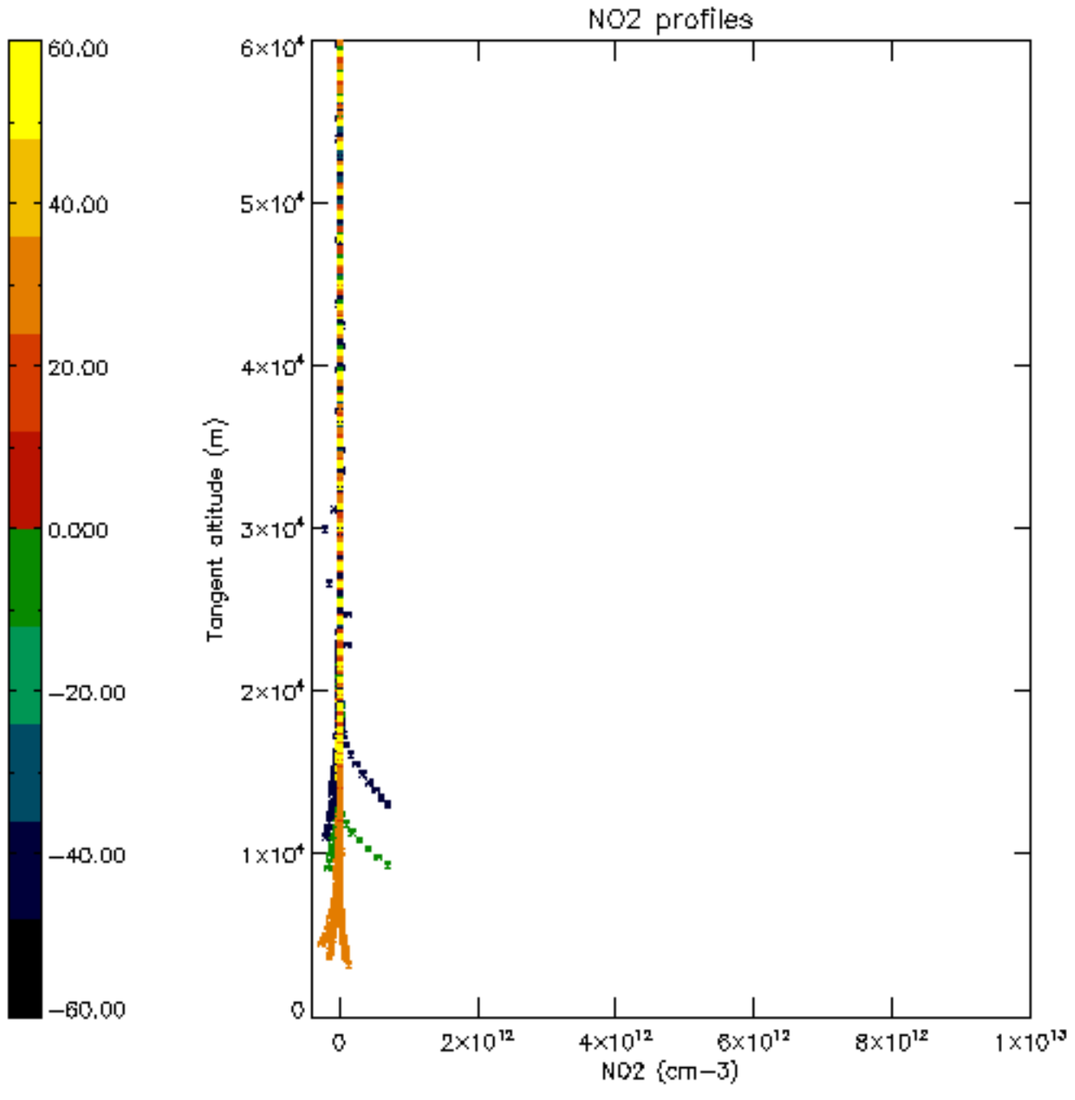
Ozone profiles

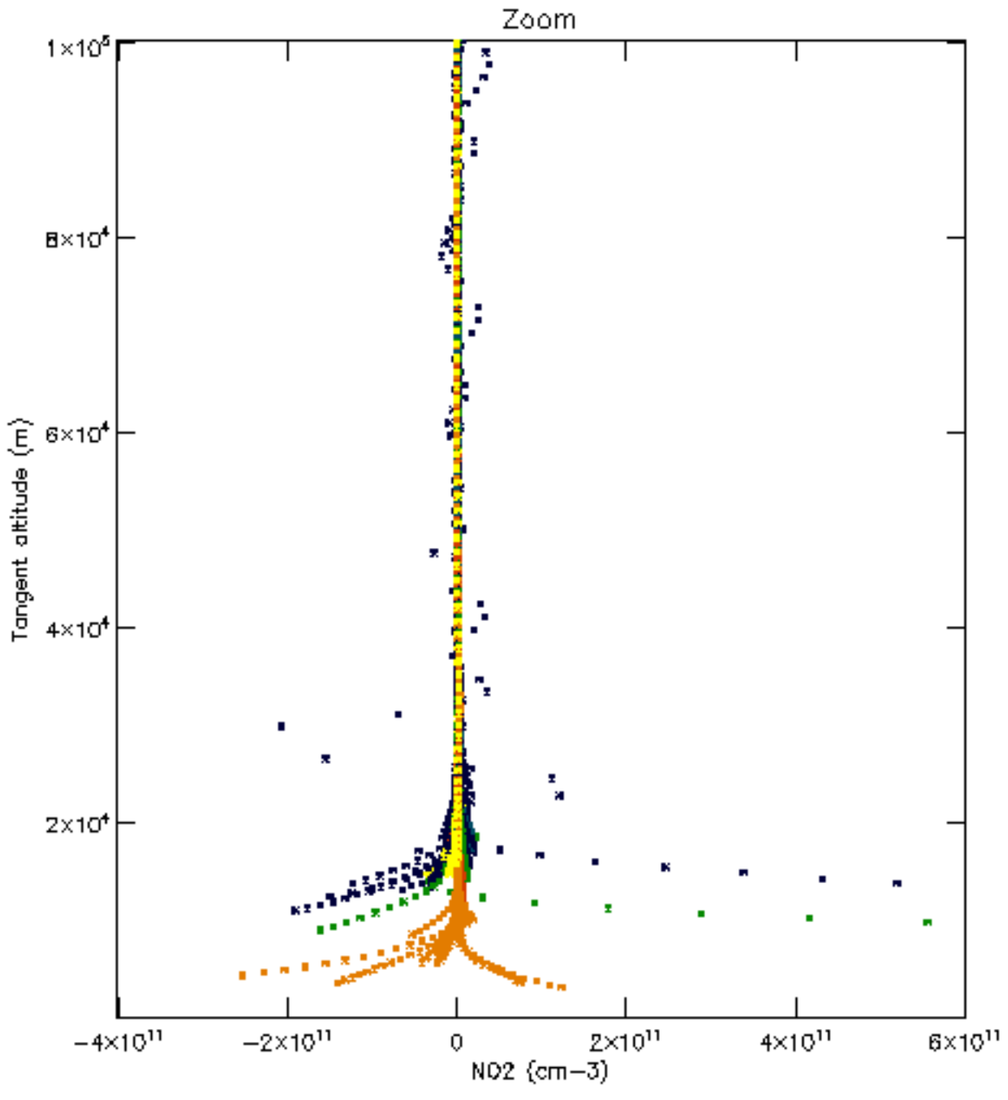
Zoom

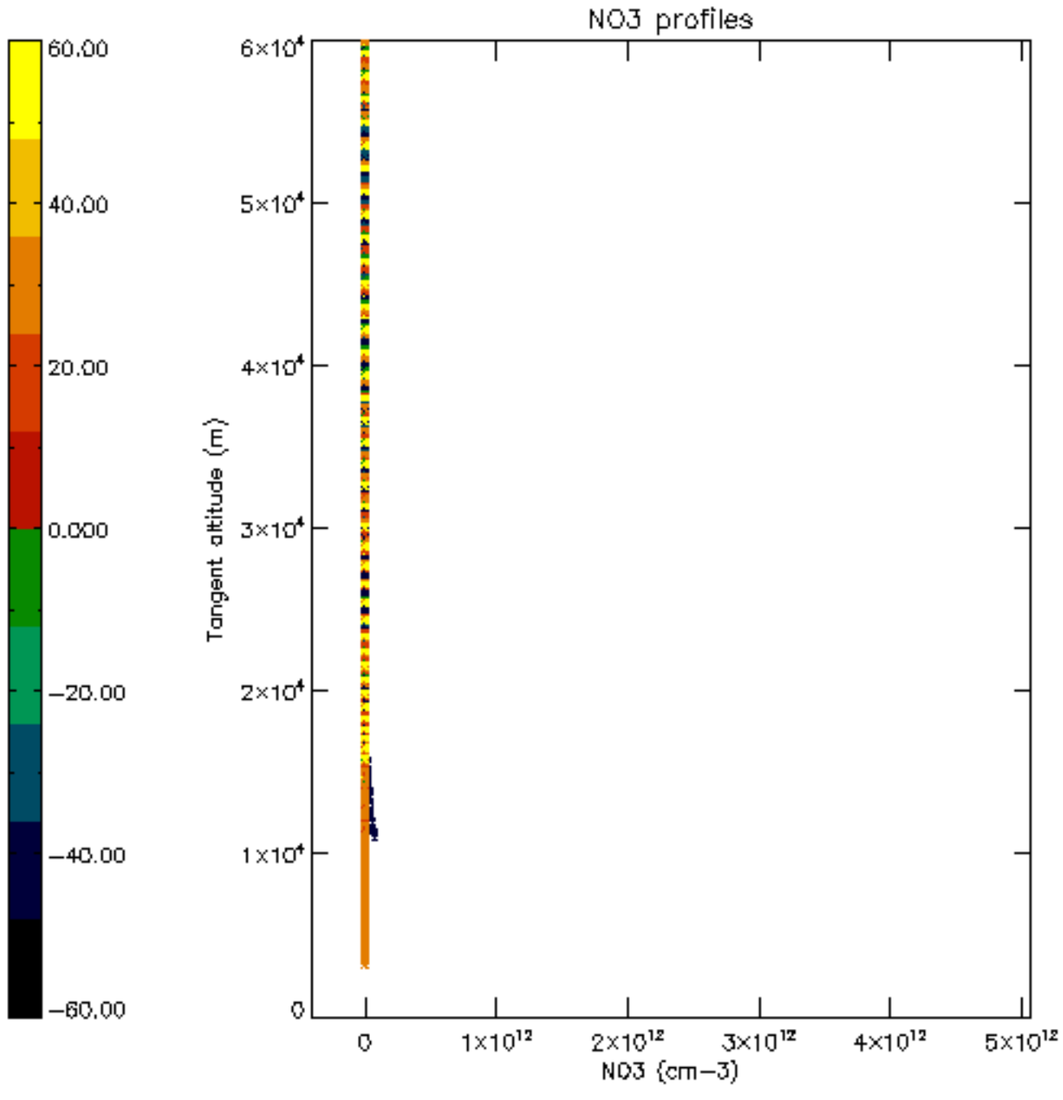


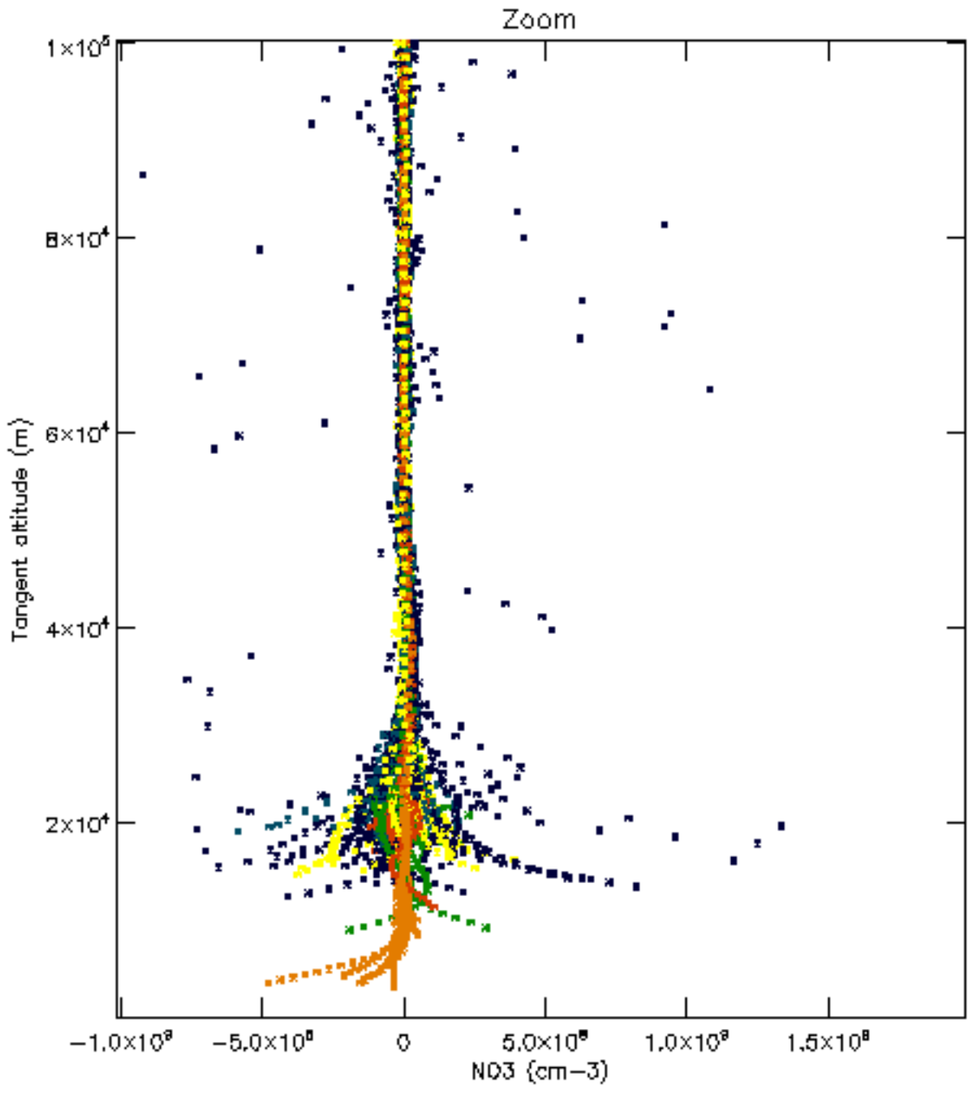
Secondary Ozone peak (log scale)




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)