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 18:58:47
Data source version	GOMOS/6.01
Start time of products	22-04-2006 (22APR2006 00:00:00)
Stop time of products	23-04-2006 (23APR2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	333
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__2PRFIN20060422_000117_000000372047_00059_21656_9228.N1	22-APR-2006 00:01:17	Bright	36.500	87	64Gam UMa	2.4330	11000.	73	21656	No
2	GOM_NL__2PRFIN20060422_000347_000000332047_00059_21656_9229.N1	22-APR-2006 00:03:47	Bright	33.000	36	50Alp UMa	1.8000	6300.0	66	21656	No
3	GOM_NL__2PRFIN20060422_001140_000000372047_00059_21656_9230.N1	22-APR-2006 00:11:40	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	21656	No
4	GOM_NL__2PRFIN20060422_001923_000000342047_00059_21656_9231.N1	22-APR-2006 00:19:23	Bright	34.000	76	27Gam Cas	2.3000	30000.	68	21656	No
5	GOM_NL__2PRFIN20060422_002040_000000352047_00059_21656_9232.N1	22-APR-2006 00:20:40	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	21656	No
6	GOM_NL__2PRFIN20060422_002905_000000402047_00059_21656_9233.N1	22-APR-2006 00:29:05	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	21656	No
7	GOM_NL__2PRFIN20060422_003314_000000402047_00059_21656_9234.N1	22-APR-2006 00:33:14	Twi_and_stray	39.500	90	54Alp Peg	2.4870	11000.	79	21656	No
8	GOM_NL__2PRFIN20060422_004545_000000422047_00059_21656_9235.N1	22-APR-2006 00:45:45	Dark	41.500	18	24Alp PsA	1.1660	9700.0	83	21656	No
9	GOM_NL__2PRFIN20060422_004928_000000392047_00059_21656_9236.N1	22-APR-2006 00:49:28	Dark	39.000	172	Gam Gru	3.0030	13100.	78	21656	No
10	GOM_NL__2PRFIN20060422_005121_000000392047_00059_21656_9237.N1	22-APR-2006 00:51:21	Dark	39.000	31	Alp Gru	1.7340	15200.	78	21656	No
11	GOM_NL__2PRFIN20060422_005421_000000462047_00059_21656_9238.N1	22-APR-2006 00:54:21	Dark	46.000	148	Alp Tuc	2.8780	4100.0	92	21656	No
12	GOM_NL__2PRFIN20060422_005633_000000402047_00060_21657_9215.N1	22-APR-2006 00:56:33	Dark	39.500	45	Alp Pav	1.9400	26000.	79	21657	No
13	GOM_NL__2PRFIN20060422_010341_000000392047_00060_21657_9216.N1	22-APR-2006 01:03:41	Dark	39.000	43	Alp TrA	1.9100	4250.0	78	21657	No
14	GOM_NL__2PRFIN20060422_010550_000000392047_00060_21657_9217.N1	22-APR-2006 01:05:50	Straylight	39.000	134	Bet TrA	2.8100	6600.0	78	21657	No
15	GOM_NL__2PRFIN20060422_010806_000000452047_00060_21657_9218.N1	22-APR-2006 01:08:06	Straylight	44.500	4	Alp1Cen	-0.010000	5800.0	89	21657	No
16	GOM_NL__2PRFIN20060422_011123_000000412047_00060_21657_9219.N1	22-APR-2006 01:11:23	Straylight	41.000	78	Alp Lup	2.3040	28000.	82	21657	No
17	GOM_NL__2PRFIN20060422_011258_000000432047_00060_21657_9220.N1	22-APR-2006 01:12:58	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	21657	No
18	GOM_NL__2PRFIN20060422_011512_000000452047_00060_21657_9221.N1	22-APR-2006 01:15:12	Straylight	45.000	54	5The Cen	2.0550	4500.0	90	21657	No
19	GOM_NL__2PRFIN20060422_012007_000000402047_00060_21657_9222.N1	22-APR-2006 01:20:07	Bright	39.500	106	9Bet Crv	2.6480	5600.0	79	21657	No
20	GOM_NL__2PRFIN20060422_012311_000000402047_00060_21657_9223.N1	22-APR-2006 01:23:11	Bright	40.000	15	67Alp Vir	0.97600	28000.	80	21657	No
21	GOM_NL__2PRFIN20060422_012613_000000362047_00060_21657_9224.N1	22-APR-2006 01:26:13	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	21657	No
22	GOM_NL__2PRFIN20060422_012947_000000372047_00060_21657_9225.N1	22-APR-2006 01:29:47	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	21657	No
23	GOM_NL__2PRFIN20060422_013743_000000362047_00060_21657_9226.N1	22-APR-2006 01:37:43	Bright	35.500	152	12Alp2CVn	2.8900	11000.	71	21657	No
24	GOM_NL__2PRFIN20060422_013942_000000362047_00060_21657_9227.N1	22-APR-2006 01:39:42	Bright	35.500	174	52Psi UMa	3.0040	4400.0	71	21657	No
25	GOM_NL__2PRFIN20060422_014153_000000342047_00060_21657_9228.N1	22-APR-2006 01:41:53	Bright	34.000	87	64Gam UMa	2.4330	11000.	68	21657	No
26	GOM_NL__2PRFIN20060422_014424_000000362047_00060_21657_9229.N1	22-APR-2006 01:44:24	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	21657	No
27	GOM_NL__2PRFIN20060422_015216_000000332047_00060_21657_9230.N1	22-APR-2006 01:52:16	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	21657	No
28	GOM_NL__2PRFIN20060422_015959_000000352047_00060_21657_9231.N1	22-APR-2006 01:59:59	Bright	34.500	76	27Gam Cas	2.3000	30000.	69	21657	No
29	GOM_NL__2PRFIN20060422_020116_000000352047_00060_21657_9232.N1	22-APR-2006 02:01:16	Bright	34.500	68	18Alp Cas	2.2250	4500.0	69	21657	No
30	GOM_NL__2PRFIN20060422_020941_000000392047_00060_21657_9233.N1	22-APR-2006 02:09:41	Bright	39.000	164	44Eta Peg	2.9480	5400.0	78	21657	No
31	GOM_NL__2PRFIN20060422_021350_000000402047_00060_21657_9234.N1	22-APR-2006 02:13:50	Twi_and_stray	39.500	90	54Alp Peg	2.4870	11000.	79	21657	No
32	GOM_NL__2PRFIN20060422_022621_000000432047_00060_21657_9235.N1	22-APR-2006 02:26:21	Dark	42.500	18	24Alp PsA	1.1660	9700.0	85	21657	No
33	GOM_NL__2PRFIN20060422_023005_000000392047_00060_21657_9236.N1	22-APR-2006 02:30:05	Dark	39.000	172	Gam Gru	3.0030	13100.	78	21657	No
34	GOM_NL__2PRFIN20060422_023157_000000392047_00060_21657_9237.N1	22-APR-2006 02:31:57	Dark	38.500	31	Alp Gru	1.7340	15200.	77	21657	No
35	GOM_NL__2PRFIN20060422_023457_000000402047_00060_21657_9238.N1	22-APR-2006 02:34:57	Dark	39.500	148	Alp Tuc	2.8780	4100.0	79	21657	No
36	GOM_NL__2PRFIN20060422_023710_000000392047_00061_21658_9235.N1	22-APR-2006 02:37:10	Dark	38.500	45	Alp Pav	1.9400	26000.	77	21658	No
37	GOM_NL__2PRFIN20060422_024417_000000412047_00061_21658_9236.N1	22-APR-2006 02:44:17	Dark	41.000	43	Alp TrA	1.9100	4250.0	82	21658	No
38	GOM_NL__2PRFIN20060422_024626_000000412047_00061_21658_9237.N1	22-APR-2006 02:46:26	Straylight	40.500	134	Bet TrA	2.8100	6600.0	81	21658	No
39	GOM_NL__2PRFIN20060422_024842_000000522047_00061_21658_9238.N1	22-APR-2006 02:48:42	Straylight	51.500	4	Alp1Cen	-0.010000	5800.0	103	21658	No
40	GOM_NL__2PRFIN20060422_025200_000000402047_00061_21658_9239.N1	22-APR-2006 02:52:00	Straylight	40.000	78	Alp Lup	2.3040	28000.	80	21658	No
41	GOM_NL__2PRFIN20060422_025334_000000422047_00061_21658_9240.N1	22-APR-2006 02:53:34	Straylight	42.000	81	Eta Cen	2.3560	28000.	84	21658	No
42	GOM_NL__2PRFIN20060422_025549_000000442047_00061_21658_9241.N1	22-APR-2006 02:55:49	Straylight	44.000	54	5The Cen	2.0550	4500.0	88	21658	No

43	GOM_NL__2PRFIN20060422_030043_000000402047_00061_21658_9242.N1	22-APR-2006 03:00:43	Bright	40.000	106	9Bet Crv	2.6480	5600.0	80	21658	No
44	GOM_NL__2PRFIN20060422_030347_000000422047_00061_21658_9243.N1	22-APR-2006 03:03:47	Bright	41.500	15	67Alp Vir	0.97600	28000.	83	21658	No
45	GOM_NL__2PRFIN20060422_030649_000000362047_00061_21658_9244.N1	22-APR-2006 03:06:49	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	21658	No
46	GOM_NL__2PRFIN20060422_031023_000000372047_00061_21658_9245.N1	22-APR-2006 03:10:23	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	21658	No
47	GOM_NL__2PRFIN20060422_031819_000000372047_00061_21658_9246.N1	22-APR-2006 03:18:19	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	21658	No
48	GOM_NL__2PRFIN20060422_032019_000000372047_00061_21658_9247.N1	22-APR-2006 03:20:19	Bright	36.500	174	52Psi UMa	3.0040	4400.0	73	21658	No
49	GOM_NL__2PRFIN20060422_032229_000000522047_00061_21658_9248.N1	22-APR-2006 03:22:29	Bright	52.000	87	64Gam UMa	2.4330	11000.	104	21658	No
50	GOM_NL__2PRFIN20060422_032500_000000372047_00061_21658_9249.N1	22-APR-2006 03:25:00	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	21658	No
51	GOM_NL__2PRFIN20060422_033252_000000332047_00061_21658_9250.N1	22-APR-2006 03:32:52	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	21658	No
52	GOM_NL__2PRFIN20060422_034035_000000362047_00061_21658_9251.N1	22-APR-2006 03:40:35	Bright	35.500	76	27Gam Cas	2.3000	30000.	71	21658	No
53	GOM_NL__2PRFIN20060422_034153_000000332047_00061_21658_9252.N1	22-APR-2006 03:41:53	Bright	33.000	68	18Alp Cas	2.2250	4500.0	66	21658	No
54	GOM_NL__2PRFIN20060422_035017_000000402047_00061_21658_9253.N1	22-APR-2006 03:50:17	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	21658	No
55	GOM_NL__2PRFIN20060422_035426_000000412047_00061_21658_9254.N1	22-APR-2006 03:54:26	Twi_and_stray	41.000	90	54Alp Peg	2.4870	11000.	82	21658	No
56	GOM_NL__2PRFIN20060422_040657_000000442047_00061_21658_9255.N1	22-APR-2006 04:06:57	Dark	44.000	18	24Alp PsA	1.1660	9700.0	88	21658	No
57	GOM_NL__2PRFIN20060422_041042_000000412047_00061_21658_9256.N1	22-APR-2006 04:10:42	Dark	41.000	172	Gam Gru	3.0030	13100.	82	21658	No
58	GOM_NL__2PRFIN20060422_041233_000000422047_00061_21658_9257.N1	22-APR-2006 04:12:33	Dark	41.500	31	Alp Gru	1.7340	15200.	83	21658	No
59	GOM_NL__2PRFIN20060422_041534_000000422047_00061_21658_9258.N1	22-APR-2006 04:15:34	Dark	42.000	148	Alp Tuc	2.8780	4100.0	84	21658	No
60	GOM_NL__2PRFIN20060422_041746_000000442047_00062_21659_9235.N1	22-APR-2006 04:17:46	Dark	43.500	45	Alp Pav	1.9400	26000.	87	21659	No
61	GOM_NL__2PRFIN20060422_042454_000000502047_00062_21659_9236.N1	22-APR-2006 04:24:54	Dark	50.000	43	Alp TrA	1.9100	4250.0	100	21659	No
62	GOM_NL__2PRFIN20060422_042703_000000382047_00062_21659_9237.N1	22-APR-2006 04:27:03	Straylight	38.000	134	Bet TrA	2.8100	6600.0	76	21659	No
63	GOM_NL__2PRFIN20060422_042919_000000432047_00062_21659_9238.N1	22-APR-2006 04:29:19	Straylight	42.500	4	Alp1Cen	-0.010000	5800.0	85	21659	No
64	GOM_NL__2PRFIN20060422_043236_000000432047_00062_21659_9239.N1	22-APR-2006 04:32:36	Straylight	42.500	78	Alp Lup	2.3040	28000.	85	21659	No
65	GOM_NL__2PRFIN20060422_043411_000000442047_00062_21659_9240.N1	22-APR-2006 04:34:11	Straylight	44.000	81	Eta Cen	2.3560	28000.	88	21659	No
66	GOM_NL__2PRFIN20060422_043625_000000472047_00062_21659_9241.N1	22-APR-2006 04:36:25	Straylight	46.500	54	5The Cen	2.0550	4500.0	93	21659	No
67	GOM_NL__2PRFIN20060422_044119_000000432047_00062_21659_9242.N1	22-APR-2006 04:41:19	Bright	43.000	106	9Bet Crv	2.6480	5600.0	86	21659	No
68	GOM_NL__2PRFIN20060422_044423_000000402047_00062_21659_9243.N1	22-APR-2006 04:44:23	Bright	40.000	15	67Alp Vir	0.97600	28000.	80	21659	No
69	GOM_NL__2PRFIN20060422_044725_000000362047_00062_21659_9244.N1	22-APR-2006 04:47:25	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	21659	No
70	GOM_NL__2PRFIN20060422_045059_000000372047_00062_21659_9245.N1	22-APR-2006 04:50:59	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	21659	No
71	GOM_NL__2PRFIN20060422_045855_000000362047_00062_21659_9246.N1	22-APR-2006 04:58:55	Bright	36.000	152	12Alp2CVn	2.8900	11000.	72	21659	No
72	GOM_NL__2PRFIN20060422_050055_000000352047_00062_21659_9247.N1	22-APR-2006 05:00:55	Bright	34.500	174	52Psi UMa	3.0040	4400.0	69	21659	No
73	GOM_NL__2PRFIN20060422_050305_000000342047_00062_21659_9248.N1	22-APR-2006 05:03:05	Bright	34.000	87	64Gam UMa	2.4330	11000.	68	21659	No
74	GOM_NL__2PRFIN20060422_050536_000000382047_00062_21659_9249.N1	22-APR-2006 05:05:36	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	21659	No
75	GOM_NL__2PRFIN20060422_051328_000000352047_00062_21659_9250.N1	22-APR-2006 05:13:28	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	21659	No
76	GOM_NL__2PRFIN20060422_052111_000000432047_00062_21659_9251.N1	22-APR-2006 05:21:11	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	21659	No
77	GOM_NL__2PRFIN20060422_052229_000000362047_00062_21659_9252.N1	22-APR-2006 05:22:29	Bright	35.500	68	18Alp Cas	2.2250	4500.0	71	21659	No
78	GOM_NL__2PRFIN20060422_053053_000000392047_00062_21659_9253.N1	22-APR-2006 05:30:53	Bright	38.500	164	44Eta Peg	2.9480	5400.0	77	21659	No
79	GOM_NL__2PRFIN20060422_053503_000000412047_00062_21659_9254.N1	22-APR-2006 05:35:03	Twi_and_stray	41.000	90	54Alp Peg	2.4870	11000.	82	21659	No
80	GOM_NL__2PRFIN20060422_054734_000000472047_00062_21659_9255.N1	22-APR-2006 05:47:34	Dark	47.000	18	24Alp PsA	1.1660	9700.0	94	21659	No
81	GOM_NL__2PRFIN20060422_055118_000000402047_00062_21659_9256.N1	22-APR-2006 05:51:18	Dark	40.000	172	Gam Gru	3.0030	13100.	80	21659	No
82	GOM_NL__2PRFIN20060422_055310_000000402047_00062_21659_9257.N1	22-APR-2006 05:53:10	Dark	40.000	31	Alp Gru	1.7340	15200.	80	21659	No
83	GOM_NL__2PRFIN20060422_055610_000000402047_00062_21659_9258.N1	22-APR-2006 05:56:10	Dark	39.500	148	Alp Tuc	2.8780	4100.0	79	21659	No
84	GOM_NL__2PRFIN20060422_055823_000000402047_00063_21660_9235.N1	22-APR-2006 05:58:23	Dark	39.500	45	Alp Pav	1.9400	26000.	79	21660	No
85	GOM_NL__2PRFIN20060422_060530_000000472047_00063_21660_9236.N1	22-APR-2006 06:05:30	Dark	46.500	43	Alp TrA	1.9100	4250.0	93	21660	No
86	GOM_NL__2PRFIN20060422_060739_000000392047_00063_21660_9237.N1	22-APR-2006 06:07:39	Straylight	38.500	134	Bet TrA	2.8100	6600.0	77	21660	No
87	GOM_NL__2PRFIN20060422_060955_000000472047_00063_21660_9238.N1	22-APR-2006 06:09:55	Straylight	47.000	4	Alp1Cen	-0.010000	5800.0	94	21660	No
88	GOM_NL__2PRFIN20060422_061313_000000442047_00063_21660_9239.N1	22-APR-2006 06:13:13	Straylight	44.000	78	Alp Lup	2.3040	28000.	88	21660	No
89	GOM_NL__2PRFIN20060422_061447_000000412047_00063_21660_9240.N1	22-APR-2006 06:14:47	Straylight	41.000	81	Eta Cen	2.3560	28000.	82	21660	No
90	GOM_NL__2PRFIN20060422_061701_000000462047_00063_21660_9241.N1	22-APR-2006 06:17:01	Straylight	46.000	54	5The Cen	2.0550	4500.0	92	21660	No
91	GOM_NL__2PRFIN20060422_062155_000000402047_00063_21660_9242.N1	22-APR-2006 06:21:55	Bright	39.500	106	9Bet Crv	2.6480	5600.0	79	21660	No
92	GOM_NL__2PRFIN20060422_062459_000000402047_00063_21660_9243.N1	22-APR-2006 06:24:59	Bright	40.000	15	67Alp Vir	0.97600	28000.	80	21660	No
93	GOM_NL__2PRFIN20060422_062801_000000362047_00063_21660_9244.N1	22-APR-2006 06:28:01	Bright	35.500	121	29Gam Vir	2.7400	7200.0	71	21660	No
94	GOM_NL__2PRFIN20060422_063135_000000372047_00063_21660_9245.N1	22-APR-2006 06:31:35	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	21660	No
95	GOM_NL__2PRFIN20060422_063931_000000362047_00063_21660_9246.N1	22-APR-2006 06:39:31	Bright	35.500	152	12Alp2CVn	2.8900	11000.	71	21660	No
96	GOM_NL__2PRFIN20060422_064131_000000372047_00063_21660_9247.N1	22-APR-2006 06:41:31	Bright	37.000	174	52Psi UMa	3.0040	4400.0	74	21660	No
97	GOM_NL__2PRFIN20060422_064341_000000342047_00063_21660_9248.N1	22-APR-2006 06:43:41	Bright	34.000	87	64Gam UMa	2.4330	11000.	68	21660	No
98	GOM_NL__2PRFIN20060422_064612_000000362047_00063_21660_9249.N1	22-APR-2006 06:46:12	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	21660	No
99	GOM_NL__2PRFIN20060422_065404_000000352047_00063_21660_9250.N1	22-APR-2006 06:54:04	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	21660	No
100	GOM_NL__2PRFIN20060422_070147_000000342047_00063_21660_9251.N1	22-APR-2006 07:01:47	Bright	34.000	76	27Gam Cas	2.3000	30000.	68	21660	No
101	GOM_NL__2PRFIN20060422_070305_000000342047_00063_21660_9252.N1	22-APR-2006 07:03:05	Bright	34.000	68	18Alp Cas	2.2250	4500.0	68	21660	No

102	GOM_NL__2PRFIN20060422_071130_000000402047_00063_21660_9253.N1	22-APR-2006 07:11:30	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	21660	No
103	GOM_NL__2PRFIN20060422_071539_000000412047_00063_21660_9254.N1	22-APR-2006 07:15:39	Twi_and_stray	41.000	90	54Alp Peg	2.4870	11000.	82	21660	No
104	GOM_NL__2PRFIN20060422_072810_000000412047_00063_21660_9255.N1	22-APR-2006 07:28:10	Dark	40.500	18	24Alp PsA	1.1660	9700.0	81	21660	No
105	GOM_NL__2PRFIN20060422_073155_000000422047_00063_21660_9256.N1	22-APR-2006 07:31:55	Dark	41.500	172	Gam Gru	3.0030	13100.	83	21660	No
106	GOM_NL__2PRFIN20060422_073346_000000432047_00063_21660_9257.N1	22-APR-2006 07:33:46	Dark	43.000	31	Alp Gru	1.7340	15200.	86	21660	No
107	GOM_NL__2PRFIN20060422_073646_000000392047_00063_21660_9258.N1	22-APR-2006 07:36:46	Dark	39.000	148	Alp Tuc	2.8780	4100.0	78	21660	No
108	GOM_NL__2PRFIN20060422_073859_000000402047_00064_21661_9235.N1	22-APR-2006 07:38:59	Dark	39.500	45	Alp Pav	1.9400	26000.	79	21661	No
109	GOM_NL__2PRFIN20060422_074606_000000452047_00064_21661_9236.N1	22-APR-2006 07:46:06	Dark	44.500	43	Alp TrA	1.9100	4250.0	89	21661	No
110	GOM_NL__2PRFIN20060422_074816_000000402047_00064_21661_9237.N1	22-APR-2006 07:48:16	Straylight	40.000	134	Bet TrA	2.8100	6600.0	80	21661	No
111	GOM_NL__2PRFIN20060422_075031_000000442047_00064_21661_9238.N1	22-APR-2006 07:50:31	Straylight	44.000	4	Alp1Cen	-0.010000	5800.0	88	21661	No
112	GOM_NL__2PRFIN20060422_075349_000000422047_00064_21661_9239.N1	22-APR-2006 07:53:49	Straylight	42.000	78	Alp Lup	2.3040	28000.	84	21661	No
113	GOM_NL__2PRFIN20060422_075523_000000442047_00064_21661_9240.N1	22-APR-2006 07:55:23	Straylight	43.500	81	Eta Cen	2.3560	28000.	87	21661	No
114	GOM_NL__2PRFIN20060422_075738_000000462047_00064_21661_9241.N1	22-APR-2006 07:57:38	Straylight	45.500	54	5The Cen	2.0550	4500.0	91	21661	No
115	GOM_NL__2PRFIN20060422_080231_000000522047_00064_21661_9242.N1	22-APR-2006 08:02:31	Bright	51.500	106	9Bet Crv	2.6480	5600.0	103	21661	No
116	GOM_NL__2PRFIN20060422_080535_000000412047_00064_21661_9243.N1	22-APR-2006 08:05:35	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	21661	No
117	GOM_NL__2PRFIN20060422_080837_000000362047_00064_21661_9244.N1	22-APR-2006 08:08:37	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	21661	No
118	GOM_NL__2PRFIN20060422_081211_000000382047_00064_21661_9245.N1	22-APR-2006 08:12:11	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	21661	No
119	GOM_NL__2PRFIN20060422_082006_000000372047_00064_21661_9246.N1	22-APR-2006 08:20:06	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	21661	No
120	GOM_NL__2PRFIN20060422_082207_000000372047_00064_21661_9247.N1	22-APR-2006 08:22:07	Bright	36.500	174	52Psi UMa	3.0040	4400.0	73	21661	No
121	GOM_NL__2PRFIN20060422_082417_000000362047_00064_21661_9248.N1	22-APR-2006 08:24:17	Bright	36.000	87	64Gam UMa	2.4330	11000.	72	21661	No
122	GOM_NL__2PRFIN20060422_082648_000000362047_00064_21661_9249.N1	22-APR-2006 08:26:48	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	21661	No
123	GOM_NL__2PRFIN20060422_083440_000000342047_00064_21661_9250.N1	22-APR-2006 08:34:40	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	21661	No
124	GOM_NL__2PRFIN20060422_084223_000000352047_00064_21661_9251.N1	22-APR-2006 08:42:23	Bright	34.500	76	27Gam Cas	2.3000	30000.	69	21661	No
125	GOM_NL__2PRFIN20060422_084341_000000362047_00064_21661_9252.N1	22-APR-2006 08:43:41	Bright	35.500	68	18Alp Cas	2.2250	4500.0	71	21661	No
126	GOM_NL__2PRFIN20060422_085205_000000402047_00064_21661_9253.N1	22-APR-2006 08:52:05	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	21661	No
127	GOM_NL__2PRFIN20060422_085615_000000422047_00064_21661_9254.N1	22-APR-2006 08:56:15	Twi_and_stray	42.000	90	54Alp Peg	2.4870	11000.	84	21661	No
128	GOM_NL__2PRFIN20060422_090846_000000412047_00064_21661_9255.N1	22-APR-2006 09:08:46	Dark	41.000	18	24Alp PsA	1.1660	9700.0	82	21661	No
129	GOM_NL__2PRFIN20060422_091231_000000412047_00064_21661_9256.N1	22-APR-2006 09:12:31	Dark	41.000	172	Gam Gru	3.0030	13100.	82	21661	No
130	GOM_NL__2PRFIN20060422_091423_000000402047_00064_21661_9257.N1	22-APR-2006 09:14:23	Dark	40.000	31	Alp Gru	1.7340	15200.	80	21661	No
131	GOM_NL__2PRFIN20060422_091722_000000422047_00064_21661_9258.N1	22-APR-2006 09:17:22	Dark	41.500	148	Alp Tuc	2.8780	4100.0	83	21661	No
132	GOM_NL__2PRFIN20060422_091936_000000402047_00065_21662_9235.N1	22-APR-2006 09:19:36	Dark	40.000	45	Alp Pav	1.9400	26000.	80	21662	No
133	GOM_NL__2PRFIN20060422_092643_000000412047_00065_21662_9236.N1	22-APR-2006 09:26:43	Dark	40.500	43	Alp TrA	1.9100	4250.0	81	21662	No
134	GOM_NL__2PRFIN20060422_092852_000000392047_00065_21662_9237.N1	22-APR-2006 09:28:52	Straylight	38.500	134	Bet TrA	2.8100	6600.0	77	21662	No
135	GOM_NL__2PRFIN20060422_093107_000000422047_00065_21662_9238.N1	22-APR-2006 09:31:07	Straylight	41.500	4	Alp1Cen	-0.010000	5800.0	83	21662	No
136	GOM_NL__2PRFIN20060422_093425_000000422047_00065_21662_9239.N1	22-APR-2006 09:34:25	Straylight	42.000	78	Alp Lup	2.3040	28000.	84	21662	No
137	GOM_NL__2PRFIN20060422_093600_000000412047_00065_21662_9240.N1	22-APR-2006 09:36:00	Straylight	40.500	81	Eta Cen	2.3560	28000.	81	21662	No
138	GOM_NL__2PRFIN20060422_093814_000000472047_00065_21662_9241.N1	22-APR-2006 09:38:14	Straylight	46.500	54	5The Cen	2.0550	4500.0	93	21662	No
139	GOM_NL__2PRFIN20060422_094307_000000432047_00065_21662_9242.N1	22-APR-2006 09:43:07	Bright	43.000	106	9Bet Crv	2.6480	5600.0	86	21662	No
140	GOM_NL__2PRFIN20060422_094611_000000402047_00065_21662_9243.N1	22-APR-2006 09:46:11	Bright	40.000	15	67Alp Vir	0.97600	28000.	80	21662	No
141	GOM_NL__2PRFIN20060422_094913_000000372047_00065_21662_9244.N1	22-APR-2006 09:49:13	Bright	37.000	121	29Gam Vir	2.7400	7200.0	74	21662	No
142	GOM_NL__2PRFIN20060422_095246_000000372047_00065_21662_9245.N1	22-APR-2006 09:52:46	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	21662	No
143	GOM_NL__2PRFIN20060422_100042_000000362047_00065_21662_9246.N1	22-APR-2006 10:00:42	Bright	35.500	152	12Alp2CVn	2.8900	11000.	71	21662	No
144	GOM_NL__2PRFIN20060422_100453_000000342047_00065_21662_9247.N1	22-APR-2006 10:04:53	Bright	34.000	87	64Gam UMa	2.4330	11000.	68	21662	No
145	GOM_NL__2PRFIN20060422_100724_000000372047_00065_21662_9248.N1	22-APR-2006 10:07:24	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	21662	No
146	GOM_NL__2PRFIN20060422_101516_000000342047_00065_21662_9249.N1	22-APR-2006 10:15:16	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	21662	No
147	GOM_NL__2PRFIN20060422_102259_000000402047_00065_21662_9250.N1	22-APR-2006 10:22:59	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	21662	No
148	GOM_NL__2PRFIN20060422_102417_000000332047_00065_21662_9251.N1	22-APR-2006 10:24:17	Bright	32.500	68	18Alp Cas	2.2250	4500.0	65	21662	No
149	GOM_NL__2PRFIN20060422_103242_000000382047_00065_21662_9252.N1	22-APR-2006 10:32:42	Bright	37.500	164	44Eta Peg	2.9480	5400.0	75	21662	No
150	GOM_NL__2PRFIN20060422_103651_000000412047_00065_21662_9253.N1	22-APR-2006 10:36:51	Twi_and_stray	40.500	90	54Alp Peg	2.4870	11000.	81	21662	No
151	GOM_NL__2PRFIN20060422_104922_000000422047_00065_21662_9254.N1	22-APR-2006 10:49:22	Dark	42.000	18	24Alp PsA	1.1660	9700.0	84	21662	No
152	GOM_NL__2PRFIN20060422_105308_000000412047_00065_21662_9255.N1	22-APR-2006 10:53:08	Dark	40.500	172	Gam Gru	3.0030	13100.	81	21662	No
153	GOM_NL__2PRFIN20060422_105459_000000412047_00065_21662_9256.N1	22-APR-2006 10:54:59	Dark	40.500	31	Alp Gru	1.7340	15200.	81	21662	No
154	GOM_NL__2PRFIN20060422_105758_000000392047_00065_21662_9257.N1	22-APR-2006 10:57:58	Dark	38.500	148	Alp Tuc	2.8780	4100.0	77	21662	No
155	GOM_NL__2PRFIN20060422_110012_000000412047_00066_21663_9235.N1	22-APR-2006 11:00:12	Dark	41.000	45	Alp Pav	1.9400	26000.	82	21663	No
156	GOM_NL__2PRFIN20060422_110719_000000432047_00066_21663_9236.N1	22-APR-2006 11:07:19	Dark	42.500	43	Alp TrA	1.9100	4250.0	85	21663	No
157	GOM_NL__2PRFIN20060422_110928_000000402047_00066_21663_9237.N1	22-APR-2006 11:09:28	Straylight	39.500	134	Bet TrA	2.8100	6600.0	79	21663	No
158	GOM_NL__2PRFIN20060422_111144_000000432047_00066_21663_9238.N1	22-APR-2006 11:11:44	Straylight	42.500	4	Alp1Cen	-0.010000	5800.0	85	21663	No
159	GOM_NL__2PRFIN20060422_111501_000000402047_00066_21663_9239.N1	22-APR-2006 11:15:01	Straylight	39.500	78	Alp Lup	2.3040	28000.	79	21663	No
160	GOM_NL__2PRFIN20060422_111636_000000412047_00066_21663_9240.N1	22-APR-2006 11:16:36	Straylight	40.500	81	Eta Cen	2.3560	28000.	81	21663	No

161	GOM_NL__2PRFIN20060422_111850_000000462047_00066_21663_9241.N1	22-APR-2006 11:18:50	Straylight	46.000	54	5The Cen	2.0550	4500.0	92	21663	No
162	GOM_NL__2PRFIN20060422_112343_000000402047_00066_21663_9242.N1	22-APR-2006 11:23:43	Bright	40.000	106	9Bet Crv	2.6480	5600.0	80	21663	No
163	GOM_NL__2PRFIN20060422_112647_000000412047_00066_21663_9243.N1	22-APR-2006 11:26:47	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	21663	No
164	GOM_NL__2PRFIN20060422_112949_000000372047_00066_21663_9244.N1	22-APR-2006 11:29:49	Bright	37.000	121	29Gam Vir	2.7400	7200.0	74	21663	No
165	GOM_NL__2PRFIN20060422_113322_000000372047_00066_21663_9245.N1	22-APR-2006 11:33:22	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	21663	No
166	GOM_NL__2PRFIN20060422_114118_000000362047_00066_21663_9246.N1	22-APR-2006 11:41:18	Bright	36.000	152	12Alp2CVn	2.8900	11000.	72	21663	No
167	GOM_NL__2PRFIN20060422_114529_000000352047_00066_21663_9247.N1	22-APR-2006 11:45:29	Bright	35.000	87	64Gam UMa	2.4330	11000.	70	21663	No
168	GOM_NL__2PRFIN20060422_114800_000000392047_00066_21663_9248.N1	22-APR-2006 11:48:00	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	21663	No
169	GOM_NL__2PRFIN20060422_115552_000000342047_00066_21663_9249.N1	22-APR-2006 11:55:52	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	21663	No
170	GOM_NL__2PRFIN20060422_120335_000000332047_00066_21663_9250.N1	22-APR-2006 12:03:35	Bright	33.000	76	27Gam Cas	2.3000	30000.	66	21663	No
171	GOM_NL__2PRFIN20060422_120453_000000332047_00066_21663_9251.N1	22-APR-2006 12:04:53	Bright	33.000	68	18Alp Cas	2.2250	4500.0	66	21663	No
172	GOM_NL__2PRFIN20060422_121318_000000402047_00066_21663_9252.N1	22-APR-2006 12:13:18	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	21663	No
173	GOM_NL__2PRFIN20060422_121727_000000422047_00066_21663_9253.N1	22-APR-2006 12:17:27	Twi_and_stray	41.500	90	54Alp Peg	2.4870	11000.	83	21663	No
174	GOM_NL__2PRFIN20060422_122959_000000432047_00066_21663_9254.N1	22-APR-2006 12:29:59	Dark	43.000	18	24Alp PsA	1.1660	9700.0	86	21663	No
175	GOM_NL__2PRFIN20060422_123344_000000412047_00066_21663_9255.N1	22-APR-2006 12:33:44	Dark	40.500	172	Gam Gru	3.0030	13100.	81	21663	No
176	GOM_NL__2PRFIN20060422_123535_000000432047_00066_21663_9256.N1	22-APR-2006 12:35:35	Dark	42.500	31	Alp Gru	1.7340	15200.	85	21663	No
177	GOM_NL__2PRFIN20060422_123835_000000402047_00066_21663_9257.N1	22-APR-2006 12:38:35	Dark	39.500	148	Alp Tuc	2.8780	4100.0	79	21663	No
178	GOM_NL__2PRFIN20060422_124049_000000402047_00067_21664_9235.N1	22-APR-2006 12:40:49	Dark	39.500	45	Alp Pav	1.9400	26000.	79	21664	No
179	GOM_NL__2PRFIN20060422_124755_000000402047_00067_21664_9236.N1	22-APR-2006 12:47:55	Dark	39.500	43	Alp TrA	1.9100	4250.0	79	21664	No
180	GOM_NL__2PRFIN20060422_125005_000000382047_00067_21664_9237.N1	22-APR-2006 12:50:05	Straylight	38.000	134	Bet TrA	2.8100	6600.0	76	21664	No
181	GOM_NL__2PRFIN20060422_125220_000000462047_00067_21664_9238.N1	22-APR-2006 12:52:20	Straylight	46.000	4	Alp1Cen	-0.010000	5800.0	92	21664	No
182	GOM_NL__2PRFIN20060422_125538_000000392047_00067_21664_9239.N1	22-APR-2006 12:55:38	Straylight	39.000	78	Alp Lup	2.3040	28000.	78	21664	No
183	GOM_NL__2PRFIN20060422_125712_000000402047_00067_21664_9240.N1	22-APR-2006 12:57:12	Straylight	40.000	81	Eta Cen	2.3560	28000.	80	21664	No
184	GOM_NL__2PRFIN20060422_125926_000000422047_00067_21664_9241.N1	22-APR-2006 12:59:26	Straylight	42.000	54	5The Cen	2.0550	4500.0	84	21664	No
185	GOM_NL__2PRFIN20060422_130419_000000412047_00067_21664_9242.N1	22-APR-2006 13:04:19	Bright	41.000	106	9Bet Crv	2.6480	5600.0	82	21664	No
186	GOM_NL__2PRFIN20060422_130723_000000422047_00067_21664_9243.N1	22-APR-2006 13:07:23	Bright	42.000	15	67Alp Vir	0.97600	28000.	84	21664	No
187	GOM_NL__2PRFIN20060422_131025_000000372047_00067_21664_9244.N1	22-APR-2006 13:10:25	Bright	36.500	121	29Gam Vir	2.7400	7200.0	73	21664	No
188	GOM_NL__2PRFIN20060422_131358_000000372047_00067_21664_9245.N1	22-APR-2006 13:13:58	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	21664	No
189	GOM_NL__2PRFIN20060422_132154_000000362047_00067_21664_9246.N1	22-APR-2006 13:21:54	Bright	35.500	152	12Alp2CVn	2.8900	11000.	71	21664	No
190	GOM_NL__2PRFIN20060422_132605_000000352047_00067_21664_9247.N1	22-APR-2006 13:26:05	Bright	34.500	87	64Gam UMa	2.4330	11000.	69	21664	No
191	GOM_NL__2PRFIN20060422_132836_000000352047_00067_21664_9248.N1	22-APR-2006 13:28:36	Bright	35.000	36	50Alp UMa	1.8000	6300.0	70	21664	No
192	GOM_NL__2PRFIN20060422_133628_000000362047_00067_21664_9249.N1	22-APR-2006 13:36:28	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	21664	No
193	GOM_NL__2PRFIN20060422_134411_000000442047_00067_21664_9250.N1	22-APR-2006 13:44:11	Bright	43.500	76	27Gam Cas	2.3000	30000.	87	21664	No
194	GOM_NL__2PRFIN20060422_134529_000000362047_00067_21664_9251.N1	22-APR-2006 13:45:29	Bright	36.000	68	18Alp Cas	2.2250	4500.0	72	21664	No
195	GOM_NL__2PRFIN20060422_135354_000000402047_00067_21664_9252.N1	22-APR-2006 13:53:54	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	21664	No
196	GOM_NL__2PRFIN20060422_135804_000000432047_00067_21664_9253.N1	22-APR-2006 13:58:04	Twi_and_stray	42.500	90	54Alp Peg	2.4870	11000.	85	21664	No
197	GOM_NL__2PRFIN20060422_141035_000000422047_00067_21664_9254.N1	22-APR-2006 14:10:35	Dark	41.500	18	24Alp PsA	1.1660	9700.0	83	21664	No
198	GOM_NL__2PRFIN20060422_141420_000000412047_00067_21664_9255.N1	22-APR-2006 14:14:20	Dark	40.500	172	Gam Gru	3.0030	13100.	81	21664	No
199	GOM_NL__2PRFIN20060422_141612_000000422047_00067_21664_9256.N1	22-APR-2006 14:16:12	Dark	42.000	31	Alp Gru	1.7340	15200.	84	21664	No
200	GOM_NL__2PRFIN20060422_141911_000000452047_00067_21664_9257.N1	22-APR-2006 14:19:11	Dark	44.500	148	Alp Tuc	2.8780	4100.0	89	21664	No
201	GOM_NL__2PRFIN20060422_142125_000000402047_00068_21665_9235.N1	22-APR-2006 14:21:25	Dark	39.500	45	Alp Pav	1.9400	26000.	79	21665	No
202	GOM_NL__2PRFIN20060422_142831_000000392047_00068_21665_9236.N1	22-APR-2006 14:28:31	Dark	38.500	43	Alp TrA	1.9100	4250.0	77	21665	No
203	GOM_NL__2PRFIN20060422_143041_000000392047_00068_21665_9237.N1	22-APR-2006 14:30:41	Straylight	38.500	134	Bet TrA	2.8100	6600.0	77	21665	No
204	GOM_NL__2PRFIN20060422_143256_000000502047_00068_21665_9238.N1	22-APR-2006 14:32:56	Straylight	50.000	4	Alp1Cen	-0.010000	5800.0	100	21665	No
205	GOM_NL__2PRFIN20060422_143614_000000412047_00068_21665_9239.N1	22-APR-2006 14:36:14	Straylight	40.500	78	Alp Lup	2.3040	28000.	81	21665	No
206	GOM_NL__2PRFIN20060422_143748_000000402047_00068_21665_9240.N1	22-APR-2006 14:37:48	Straylight	40.000	81	Eta Cen	2.3560	28000.	80	21665	No
207	GOM_NL__2PRFIN20060422_144002_000000472047_00068_21665_9241.N1	22-APR-2006 14:40:02	Straylight	46.500	54	5The Cen	2.0550	4500.0	93	21665	No
208	GOM_NL__2PRFIN20060422_144456_000000492047_00068_21665_9242.N1	22-APR-2006 14:44:56	Bright	48.500	106	9Bet Crv	2.6480	5600.0	97	21665	No
209	GOM_NL__2PRFIN20060422_144759_000000422047_00068_21665_9243.N1	22-APR-2006 14:47:59	Bright	41.500	15	67Alp Vir	0.97600	28000.	83	21665	No
210	GOM_NL__2PRFIN20060422_145101_000000372047_00068_21665_9244.N1	22-APR-2006 14:51:01	Bright	36.500	121	29Gam Vir	2.7400	7200.0	73	21665	No
211	GOM_NL__2PRFIN20060422_145434_000000382047_00068_21665_9245.N1	22-APR-2006 14:54:34	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	21665	No
212	GOM_NL__2PRFIN20060422_150229_000000352047_00068_21665_9246.N1	22-APR-2006 15:02:29	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	21665	No
213	GOM_NL__2PRFIN20060422_150641_000000372047_00068_21665_9247.N1	22-APR-2006 15:06:41	Bright	36.500	87	64Gam UMa	2.4330	11000.	73	21665	No
214	GOM_NL__2PRFIN20060422_150912_000000382047_00068_21665_9248.N1	22-APR-2006 15:09:12	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	21665	No
215	GOM_NL__2PRFIN20060422_151704_000000352047_00068_21665_9249.N1	22-APR-2006 15:17:04	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	21665	No
216	GOM_NL__2PRFIN20060422_152448_000000392047_00068_21665_9250.N1	22-APR-2006 15:24:48	Bright	39.000	76	27Gam Cas	2.3000	30000.	78	21665	No
217	GOM_NL__2PRFIN20060422_152605_000000382047_00068_21665_9251.N1	22-APR-2006 15:26:05	Bright	38.000	68	18Alp Cas	2.2250	4500.0	76	21665	No
218	GOM_NL__2PRFIN20060422_153430_000000402047_00068_21665_9252.N1	22-APR-2006 15:34:30	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	21665	No
219	GOM_NL__2PRFIN20060422_153840_000000402047_00068_21665_9253.N1	22-APR-2006 15:38:40	Twi_and_stray	40.000	90	54Alp Peg	2.4870	11000.	80	21665	No

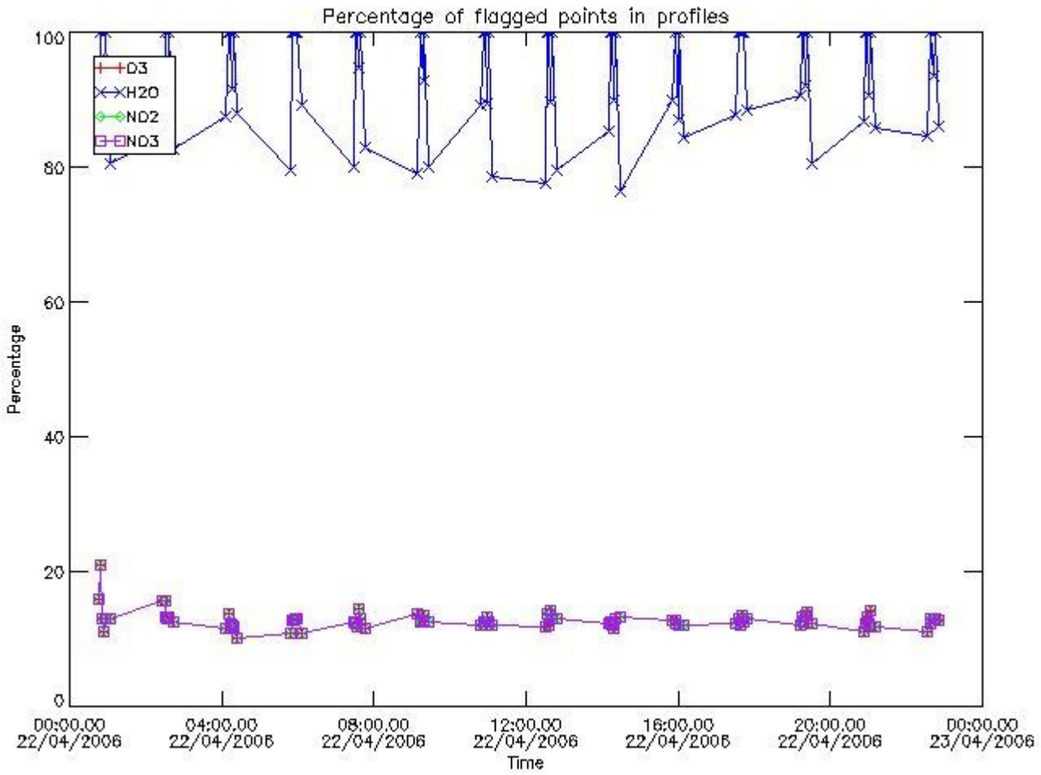
220	GOM_NL__2PRFIN20060422_155112_000000402047_00068_21665_9254.N1	22-APR-2006 15:51:12	Dark	40.000	18	24Alp PsA	1.1660	9700.0	80	21665	No
221	GOM_NL__2PRFIN20060422_155457_000000402047_00068_21665_9255.N1	22-APR-2006 15:54:57	Dark	40.000	172	Gam Gru	3.0030	13100.	80	21665	No
222	GOM_NL__2PRFIN20060422_155648_000000422047_00068_21665_9256.N1	22-APR-2006 15:56:48	Dark	41.500	31	Alp Gru	1.7340	15200.	83	21665	No
223	GOM_NL__2PRFIN20060422_155947_000000432047_00068_21665_9257.N1	22-APR-2006 15:59:47	Dark	42.500	148	Alp Tuc	2.8780	4100.0	85	21665	No
224	GOM_NL__2PRFIN20060422_160202_000000422047_00069_21666_9235.N1	22-APR-2006 16:02:02	Dark	42.000	45	Alp Pav	1.9400	26000.	84	21666	No
225	GOM_NL__2PRFIN20060422_160908_000000422047_00069_21666_9236.N1	22-APR-2006 16:09:08	Dark	42.000	43	Alp TrA	1.9100	4250.0	84	21666	No
226	GOM_NL__2PRFIN20060422_161117_000000392047_00069_21666_9237.N1	22-APR-2006 16:11:17	Straylight	38.500	134	Bet TrA	2.8100	6600.0	77	21666	No
227	GOM_NL__2PRFIN20060422_161333_000000472047_00069_21666_9238.N1	22-APR-2006 16:13:33	Straylight	47.000	4	Alp1Cen	-0.010000	5800.0	94	21666	No
228	GOM_NL__2PRFIN20060422_161651_000000422047_00069_21666_9239.N1	22-APR-2006 16:16:51	Straylight	42.000	78	Alp Lup	2.3040	28000.	84	21666	No
229	GOM_NL__2PRFIN20060422_161825_000000432047_00069_21666_9240.N1	22-APR-2006 16:18:25	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	21666	No
230	GOM_NL__2PRFIN20060422_162039_000000452047_00069_21666_9241.N1	22-APR-2006 16:20:39	Straylight	44.500	54	5The Cen	2.0550	4500.0	89	21666	No
231	GOM_NL__2PRFIN20060422_162532_000000422047_00069_21666_9242.N1	22-APR-2006 16:25:32	Bright	41.500	106	9Bet Crv	2.6480	5600.0	83	21666	No
232	GOM_NL__2PRFIN20060422_162835_000000422047_00069_21666_9243.N1	22-APR-2006 16:28:35	Bright	41.500	15	67Alp Vir	0.97600	28000.	83	21666	No
233	GOM_NL__2PRFIN20060422_163137_000000372047_00069_21666_9244.N1	22-APR-2006 16:31:37	Bright	36.500	121	29Gam Vir	2.7400	7200.0	73	21666	No
234	GOM_NL__2PRFIN20060422_163510_000000372047_00069_21666_9245.N1	22-APR-2006 16:35:10	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	21666	No
235	GOM_NL__2PRFIN20060422_164305_000000362047_00069_21666_9246.N1	22-APR-2006 16:43:05	Bright	36.000	152	12Alp2CVn	2.8900	11000.	72	21666	No
236	GOM_NL__2PRFIN20060422_164717_000000362047_00069_21666_9247.N1	22-APR-2006 16:47:17	Bright	35.500	87	64Gam UMa	2.4330	11000.	71	21666	No
237	GOM_NL__2PRFIN20060422_164948_000000352047_00069_21666_9248.N1	22-APR-2006 16:49:48	Bright	35.000	36	50Alp UMa	1.8000	6300.0	70	21666	No
238	GOM_NL__2PRFIN20060422_165740_000000362047_00069_21666_9249.N1	22-APR-2006 16:57:40	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	21666	No
239	GOM_NL__2PRFIN20060422_170524_000000402047_00069_21666_9250.N1	22-APR-2006 17:05:24	Bright	39.500	76	27Gam Cas	2.3000	30000.	79	21666	No
240	GOM_NL__2PRFIN20060422_170641_000000322047_00069_21666_9251.N1	22-APR-2006 17:06:41	Bright	32.000	68	18Alp Cas	2.2250	4500.0	64	21666	No
241	GOM_NL__2PRFIN20060422_171506_000000402047_00069_21666_9252.N1	22-APR-2006 17:15:06	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	21666	No
242	GOM_NL__2PRFIN20060422_171916_000000412047_00069_21666_9253.N1	22-APR-2006 17:19:16	Twi_and_stray	41.000	90	54Alp Peg	2.4870	11000.	82	21666	No
243	GOM_NL__2PRFIN20060422_173148_000000422047_00069_21666_9254.N1	22-APR-2006 17:31:48	Dark	41.500	18	24Alp PsA	1.1660	9700.0	83	21666	No
244	GOM_NL__2PRFIN20060422_173534_000000392047_00069_21666_9255.N1	22-APR-2006 17:35:34	Dark	39.000	172	Gam Gru	3.0030	13100.	78	21666	No
245	GOM_NL__2PRFIN20060422_173724_000000432047_00069_21666_9256.N1	22-APR-2006 17:37:24	Dark	42.500	31	Alp Gru	1.7340	15200.	85	21666	No
246	GOM_NL__2PRFIN20060422_174023_000000382047_00069_21666_9257.N1	22-APR-2006 17:40:23	Dark	37.500	148	Alp Tuc	2.8780	4100.0	75	21666	No
247	GOM_NL__2PRFIN20060422_174238_000000412047_00070_21667_9235.N1	22-APR-2006 17:42:38	Dark	41.000	45	Alp Pav	1.9400	26000.	82	21667	No
248	GOM_NL__2PRFIN20060422_174944_000000402047_00070_21667_9236.N1	22-APR-2006 17:49:44	Dark	39.500	43	Alp TrA	1.9100	4250.0	79	21667	No
249	GOM_NL__2PRFIN20060422_175154_000000392047_00070_21667_9237.N1	22-APR-2006 17:51:54	Straylight	39.000	134	Bet TrA	2.8100	6600.0	78	21667	No
250	GOM_NL__2PRFIN20060422_175409_000000442047_00070_21667_9238.N1	22-APR-2006 17:54:09	Straylight	43.500	4	Alp1Cen	-0.010000	5800.0	87	21667	No
251	GOM_NL__2PRFIN20060422_175727_000000412047_00070_21667_9239.N1	22-APR-2006 17:57:27	Straylight	41.000	78	Alp Lup	2.3040	28000.	82	21667	No
252	GOM_NL__2PRFIN20060422_175901_000000402047_00070_21667_9240.N1	22-APR-2006 17:59:01	Straylight	40.000	81	Eta Cen	2.3560	28000.	80	21667	No
253	GOM_NL__2PRFIN20060422_180115_000000452047_00070_21667_9241.N1	22-APR-2006 18:01:15	Straylight	44.500	54	5The Cen	2.0550	4500.0	89	21667	No
254	GOM_NL__2PRFIN20060422_180608_000000522047_00070_21667_9242.N1	22-APR-2006 18:06:08	Bright	52.000	106	9Bet Crv	2.6480	5600.0	104	21667	No
255	GOM_NL__2PRFIN20060422_180912_000000422047_00070_21667_9243.N1	22-APR-2006 18:09:12	Bright	41.500	15	67Alp Vir	0.97600	28000.	83	21667	No
256	GOM_NL__2PRFIN20060422_181214_000000362047_00070_21667_9244.N1	22-APR-2006 18:12:14	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	21667	No
257	GOM_NL__2PRFIN20060422_181546_000000372047_00070_21667_9245.N1	22-APR-2006 18:15:46	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	21667	No
258	GOM_NL__2PRFIN20060422_182341_000000372047_00070_21667_9246.N1	22-APR-2006 18:23:41	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	21667	No
259	GOM_NL__2PRFIN20060422_182753_000000352047_00070_21667_9247.N1	22-APR-2006 18:27:53	Bright	34.500	87	64Gam UMa	2.4330	11000.	69	21667	No
260	GOM_NL__2PRFIN20060422_183024_000000392047_00070_21667_9248.N1	22-APR-2006 18:30:24	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	21667	No
261	GOM_NL__2PRFIN20060422_183816_000000362047_00070_21667_9249.N1	22-APR-2006 18:38:16	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	21667	No
262	GOM_NL__2PRFIN20060422_184600_000000392047_00070_21667_9250.N1	22-APR-2006 18:46:00	Bright	38.500	76	27Gam Cas	2.3000	30000.	77	21667	No
263	GOM_NL__2PRFIN20060422_184717_000000362047_00070_21667_9251.N1	22-APR-2006 18:47:17	Bright	35.500	68	18Alp Cas	2.2250	4500.0	71	21667	No
264	GOM_NL__2PRFIN20060422_185542_000000392047_00070_21667_9252.N1	22-APR-2006 18:55:42	Bright	39.000	164	44Eta Peg	2.9480	5400.0	78	21667	No
265	GOM_NL__2PRFIN20060422_185952_000000432047_00070_21667_9253.N1	22-APR-2006 18:59:52	Twi_and_stray	42.500	90	54Alp Peg	2.4870	11000.	85	21667	No
266	GOM_NL__2PRFIN20060422_191224_000000432047_00070_21667_9254.N1	22-APR-2006 19:12:24	Dark	42.500	18	24Alp PsA	1.1660	9700.0	85	21667	No
267	GOM_NL__2PRFIN20060422_191610_000000392047_00070_21667_9255.N1	22-APR-2006 19:16:10	Dark	38.500	172	Gam Gru	3.0030	13100.	77	21667	No
268	GOM_NL__2PRFIN20060422_191801_000000412047_00070_21667_9256.N1	22-APR-2006 19:18:01	Dark	41.000	31	Alp Gru	1.7340	15200.	82	21667	No
269	GOM_NL__2PRFIN20060422_192100_000000382047_00070_21667_9257.N1	22-APR-2006 19:21:00	Dark	38.000	148	Alp Tuc	2.8780	4100.0	76	21667	No
270	GOM_NL__2PRFIN20060422_192315_000000402047_00071_21668_9255.N1	22-APR-2006 19:23:15	Dark	40.000	45	Alp Pav	1.9400	26000.	80	21668	No
271	GOM_NL__2PRFIN20060422_193021_000000422047_00071_21668_9256.N1	22-APR-2006 19:30:21	Dark	41.500	43	Alp TrA	1.9100	4250.0	83	21668	No
272	GOM_NL__2PRFIN20060422_193230_000000382047_00071_21668_9257.N1	22-APR-2006 19:32:30	Straylight	37.500	134	Bet TrA	2.8100	6600.0	75	21668	No
273	GOM_NL__2PRFIN20060422_193445_000000502047_00071_21668_9258.N1	22-APR-2006 19:34:45	Straylight	50.000	4	Alp1Cen	-0.010000	5800.0	100	21668	No
274	GOM_NL__2PRFIN20060422_193803_000000402047_00071_21668_9259.N1	22-APR-2006 19:38:03	Straylight	39.500	78	Alp Lup	2.3040	28000.	79	21668	No
275	GOM_NL__2PRFIN20060422_193938_000000452047_00071_21668_9260.N1	22-APR-2006 19:39:38	Straylight	44.500	81	Eta Cen	2.3560	28000.	89	21668	No
276	GOM_NL__2PRFIN20060422_194151_000000452047_00071_21668_9261.N1	22-APR-2006 19:41:51	Straylight	44.500	54	5The Cen	2.0550	4500.0	89	21668	No
277	GOM_NL__2PRFIN20060422_194620_000000402047_00071_21668_9262.N1	22-APR-2006 19:46:20	Twi_and_stray	40.000	169	46Gam Hya	2.9910	4700.0	80	21668	No
278	GOM_NL__2PRFIN20060422_194948_000000412047_00071_21668_9263.N1	22-APR-2006 19:49:48	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	21668	No

279	GOM_NL__2PRFIN20060422_195250_000000362047_00071_21668_9264.N1	22-APR-2006 19:52:50	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	21668	No
280	GOM_NL__2PRFIN20060422_195622_000000372047_00071_21668_9265.N1	22-APR-2006 19:56:22	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	21668	No
281	GOM_NL__2PRFIN20060422_200417_000000372047_00071_21668_9266.N1	22-APR-2006 20:04:17	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	21668	No
282	GOM_NL__2PRFIN20060422_200829_000000352047_00071_21668_9267.N1	22-APR-2006 20:08:29	Bright	34.500	87	64Gam UMa	2.4330	11000.	69	21668	No
283	GOM_NL__2PRFIN20060422_201101_000000362047_00071_21668_9268.N1	22-APR-2006 20:11:01	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	21668	No
284	GOM_NL__2PRFIN20060422_201851_000000362047_00071_21668_9269.N1	22-APR-2006 20:18:51	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	21668	No
285	GOM_NL__2PRFIN20060422_202636_000000332047_00071_21668_9270.N1	22-APR-2006 20:26:36	Bright	32.500	76	27Gam Cas	2.3000	30000.	65	21668	No
286	GOM_NL__2PRFIN20060422_202753_000000332047_00071_21668_9271.N1	22-APR-2006 20:27:53	Bright	32.500	68	18Alp Cas	2.2250	4500.0	65	21668	No
287	GOM_NL__2PRFIN20060422_203618_000000392047_00071_21668_9272.N1	22-APR-2006 20:36:18	Bright	38.500	164	44Eta Peg	2.9480	5400.0	77	21668	No
288	GOM_NL__2PRFIN20060422_204029_000000382047_00071_21668_9273.N1	22-APR-2006 20:40:29	Twi_and_stray	38.000	90	54Alp Peg	2.4870	11000.	76	21668	No
289	GOM_NL__2PRFIN20060422_205300_000000462047_00071_21668_9274.N1	22-APR-2006 20:53:00	Dark	45.500	18	24Alp PsA	1.1660	9700.0	91	21668	No
290	GOM_NL__2PRFIN20060422_205647_000000422047_00071_21668_9275.N1	22-APR-2006 20:56:47	Dark	41.500	172	Gam Gru	3.0030	13100.	83	21668	No
291	GOM_NL__2PRFIN20060422_205837_000000392047_00071_21668_9276.N1	22-APR-2006 20:58:37	Dark	38.500	31	Alp Gru	1.7340	15200.	77	21668	No
292	GOM_NL__2PRFIN20060422_210136_000000432047_00071_21668_9277.N1	22-APR-2006 21:01:36	Dark	42.500	148	Alp Tuc	2.8780	4100.0	85	21668	No
293	GOM_NL__2PRFIN20060422_210352_000000402047_00072_21669_9255.N1	22-APR-2006 21:03:52	Dark	39.500	45	Alp Pav	1.9400	26000.	79	21669	No
294	GOM_NL__2PRFIN20060422_211057_000000432047_00072_21669_9256.N1	22-APR-2006 21:10:57	Dark	43.000	43	Alp TrA	1.9100	4250.0	86	21669	No
295	GOM_NL__2PRFIN20060422_211306_000000382047_00072_21669_9257.N1	22-APR-2006 21:13:06	Straylight	37.500	134	Bet TrA	2.8100	6600.0	75	21669	No
296	GOM_NL__2PRFIN20060422_211521_000000502047_00072_21669_9258.N1	22-APR-2006 21:15:21	Straylight	49.500	4	Alp1Cen	-0.010000	5800.0	99	21669	No
297	GOM_NL__2PRFIN20060422_211839_000000442047_00072_21669_9259.N1	22-APR-2006 21:18:39	Straylight	44.000	78	Alp Lup	2.3040	28000.	88	21669	No
298	GOM_NL__2PRFIN20060422_212014_000000442047_00072_21669_9260.N1	22-APR-2006 21:20:14	Straylight	44.000	81	Eta Cen	2.3560	28000.	88	21669	No
299	GOM_NL__2PRFIN20060422_212227_000000422047_00072_21669_9261.N1	22-APR-2006 21:22:27	Straylight	42.000	54	5The Cen	2.0550	4500.0	84	21669	No
300	GOM_NL__2PRFIN20060422_212656_000000422047_00072_21669_9262.N1	22-APR-2006 21:26:56	Twi_and_stray	41.500	169	46Gam Hya	2.9910	4700.0	83	21669	No
301	GOM_NL__2PRFIN20060422_213024_000000382047_00072_21669_9263.N1	22-APR-2006 21:30:24	Bright	38.000	15	67Alp Vir	0.97600	28000.	76	21669	No
302	GOM_NL__2PRFIN20060422_213326_000000362047_00072_21669_9264.N1	22-APR-2006 21:33:26	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	21669	No
303	GOM_NL__2PRFIN20060422_213658_000000372047_00072_21669_9265.N1	22-APR-2006 21:36:58	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	21669	No
304	GOM_NL__2PRFIN20060422_214453_000000372047_00072_21669_9266.N1	22-APR-2006 21:44:53	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	21669	No
305	GOM_NL__2PRFIN20060422_214905_000000352047_00072_21669_9267.N1	22-APR-2006 21:49:05	Bright	35.000	87	64Gam UMa	2.4330	11000.	70	21669	No
306	GOM_NL__2PRFIN20060422_215137_000000382047_00072_21669_9268.N1	22-APR-2006 21:51:37	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	21669	No
307	GOM_NL__2PRFIN20060422_215927_000000362047_00072_21669_9269.N1	22-APR-2006 21:59:27	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	21669	No
308	GOM_NL__2PRFIN20060422_220712_000000342047_00072_21669_9270.N1	22-APR-2006 22:07:12	Bright	33.500	76	27Gam Cas	2.3000	30000.	67	21669	No
309	GOM_NL__2PRFIN20060422_220829_000000332047_00072_21669_9271.N1	22-APR-2006 22:08:29	Bright	32.500	68	18Alp Cas	2.2250	4500.0	65	21669	No
310	GOM_NL__2PRFIN20060422_221654_000000402047_00072_21669_9272.N1	22-APR-2006 22:16:54	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	21669	No
311	GOM_NL__2PRFIN20060422_222105_000000402047_00072_21669_9273.N1	22-APR-2006 22:21:05	Twi_and_stray	40.000	90	54Alp Peg	2.4870	11000.	80	21669	No
312	GOM_NL__2PRFIN20060422_223337_000000462047_00072_21669_9274.N1	22-APR-2006 22:33:37	Dark	46.000	18	24Alp PsA	1.1660	9700.0	92	21669	No
313	GOM_NL__2PRFIN20060422_223723_000000392047_00072_21669_9275.N1	22-APR-2006 22:37:23	Dark	39.000	172	Gam Gru	3.0030	13100.	78	21669	No
314	GOM_NL__2PRFIN20060422_223914_000000422047_00072_21669_9276.N1	22-APR-2006 22:39:14	Dark	41.500	31	Alp Gru	1.7340	15200.	83	21669	No
315	GOM_NL__2PRFIN20060422_224212_000000392047_00072_21669_9277.N1	22-APR-2006 22:42:12	Dark	39.000	148	Alp Tuc	2.8780	4100.0	78	21669	No
316	GOM_NL__2PRFIN20060422_224428_000000402047_00073_21670_9255.N1	22-APR-2006 22:44:28	Dark	39.500	45	Alp Pav	1.9400	26000.	79	21670	No
317	GOM_NL__2PRFIN20060422_225133_000000402047_00073_21670_9256.N1	22-APR-2006 22:51:33	Dark	40.000	43	Alp TrA	1.9100	4250.0	80	21670	No
318	GOM_NL__2PRFIN20060422_225343_000000392047_00073_21670_9257.N1	22-APR-2006 22:53:43	Straylight	38.500	134	Bet TrA	2.8100	6600.0	77	21670	No
319	GOM_NL__2PRFIN20060422_225557_000000522047_00073_21670_9258.N1	22-APR-2006 22:55:57	Straylight	52.000	4	Alp1Cen	-0.010000	5800.0	104	21670	No
320	GOM_NL__2PRFIN20060422_225916_000000412047_00073_21670_9259.N1	22-APR-2006 22:59:16	Straylight	41.000	78	Alp Lup	2.3040	28000.	82	21670	No
321	GOM_NL__2PRFIN20060422_230050_000000442047_00073_21670_9260.N1	22-APR-2006 23:00:50	Straylight	43.500	81	Eta Cen	2.3560	28000.	87	21670	No
322	GOM_NL__2PRFIN20060422_230304_000000452047_00073_21670_9261.N1	22-APR-2006 23:03:04	Straylight	45.000	54	5The Cen	2.0550	4500.0	90	21670	No
323	GOM_NL__2PRFIN20060422_230732_000000422047_00073_21670_9262.N1	22-APR-2006 23:07:32	Twi_and_stray	41.500	169	46Gam Hya	2.9910	4700.0	83	21670	No
324	GOM_NL__2PRFIN20060422_231100_000000402047_00073_21670_9263.N1	22-APR-2006 23:11:00	Bright	40.000	15	67Alp Vir	0.97600	28000.	80	21670	No
325	GOM_NL__2PRFIN20060422_231402_000000372047_00073_21670_9264.N1	22-APR-2006 23:14:02	Bright	36.500	121	29Gam Vir	2.7400	7200.0	73	21670	No
326	GOM_NL__2PRFIN20060422_231733_000000372047_00073_21670_9265.N1	22-APR-2006 23:17:33	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	21670	No
327	GOM_NL__2PRFIN20060422_232528_000000362047_00073_21670_9266.N1	22-APR-2006 23:25:28	Bright	35.500	152	12Alp2CVn	2.8900	11000.	71	21670	No
328	GOM_NL__2PRFIN20060422_232941_000000332047_00073_21670_9267.N1	22-APR-2006 23:29:41	Bright	33.000	87	64Gam UMa	2.4330	11000.	66	21670	No
329	GOM_NL__2PRFIN20060422_233213_000000352047_00073_21670_9268.N1	22-APR-2006 23:32:13	Bright	35.000	36	50Alp UMa	1.8000	6300.0	70	21670	No
330	GOM_NL__2PRFIN20060422_234003_000000362047_00073_21670_9269.N1	22-APR-2006 23:40:03	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	21670	No
331	GOM_NL__2PRFIN20060422_234748_000000402047_00073_21670_9270.N1	22-APR-2006 23:47:48	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	21670	No
332	GOM_NL__2PRFIN20060422_234906_000000412047_00073_21670_9271.N1	22-APR-2006 23:49:06	Bright	40.500	68	18Alp Cas	2.2250	4500.0	81	21670	No
333	GOM_NL__2PRFIN20060422_235730_000000372047_00073_21670_9272.N1	22-APR-2006 23:57:30	Bright	37.000	164	44Eta Peg	2.9480	5400.0	74	21670	No

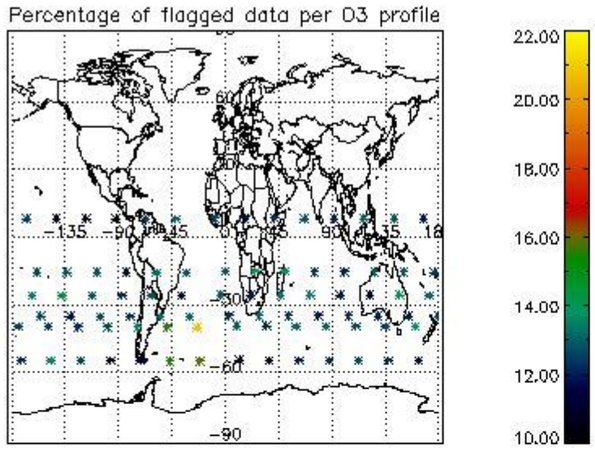
3. Quality information per product

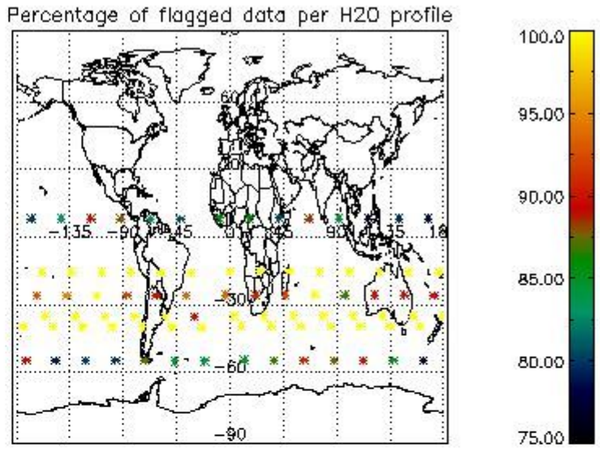
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

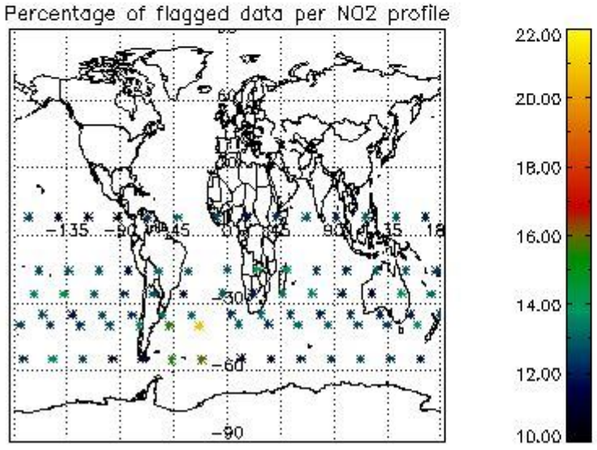
3.1 Plot quality information per product (time dependant)

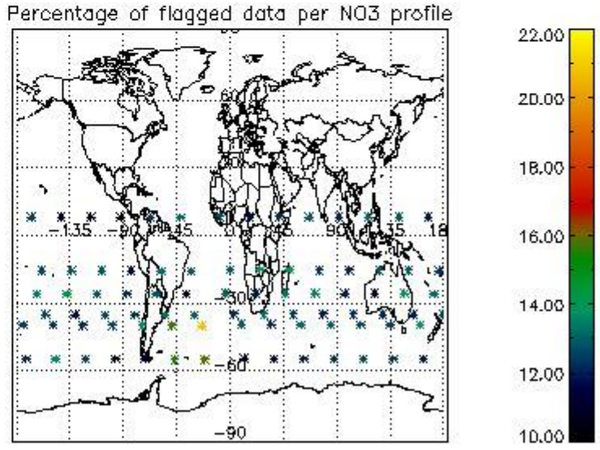


3.2 Plot quality information per product (world map)







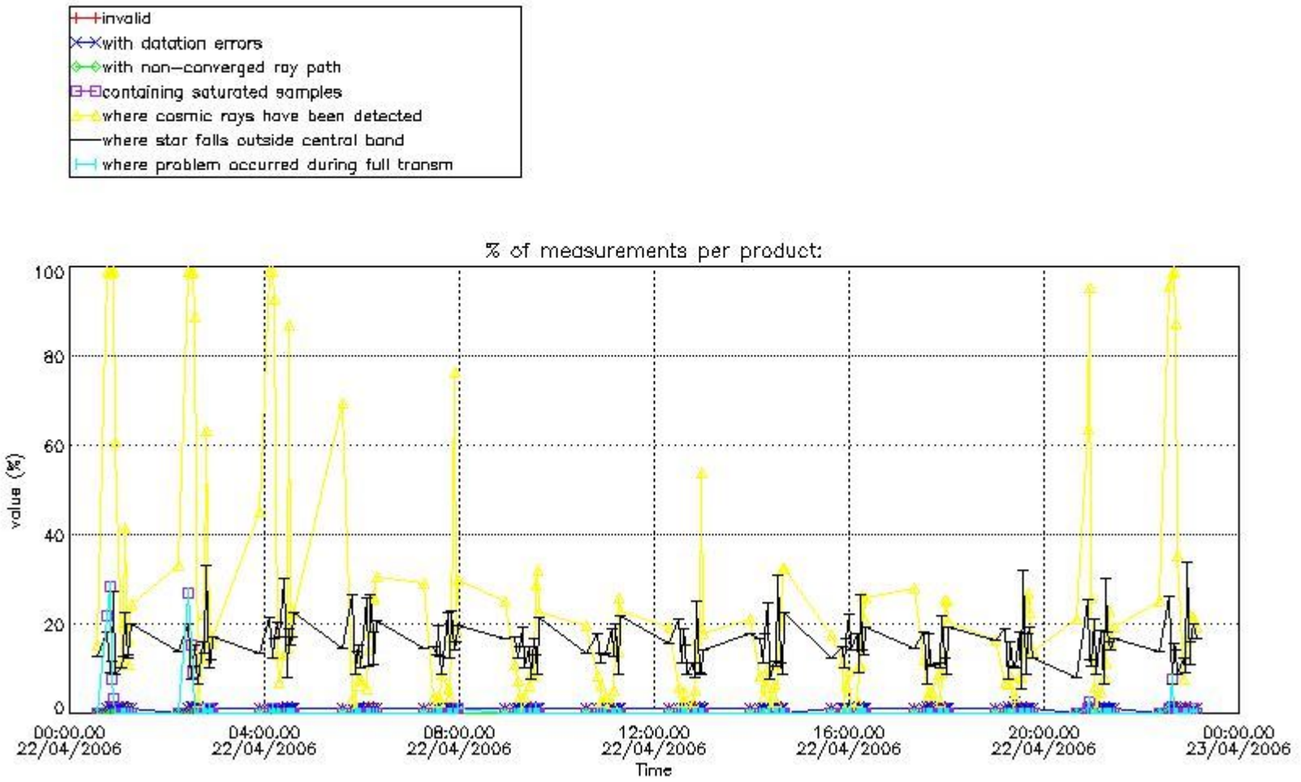


4. Level 1 quality information per product

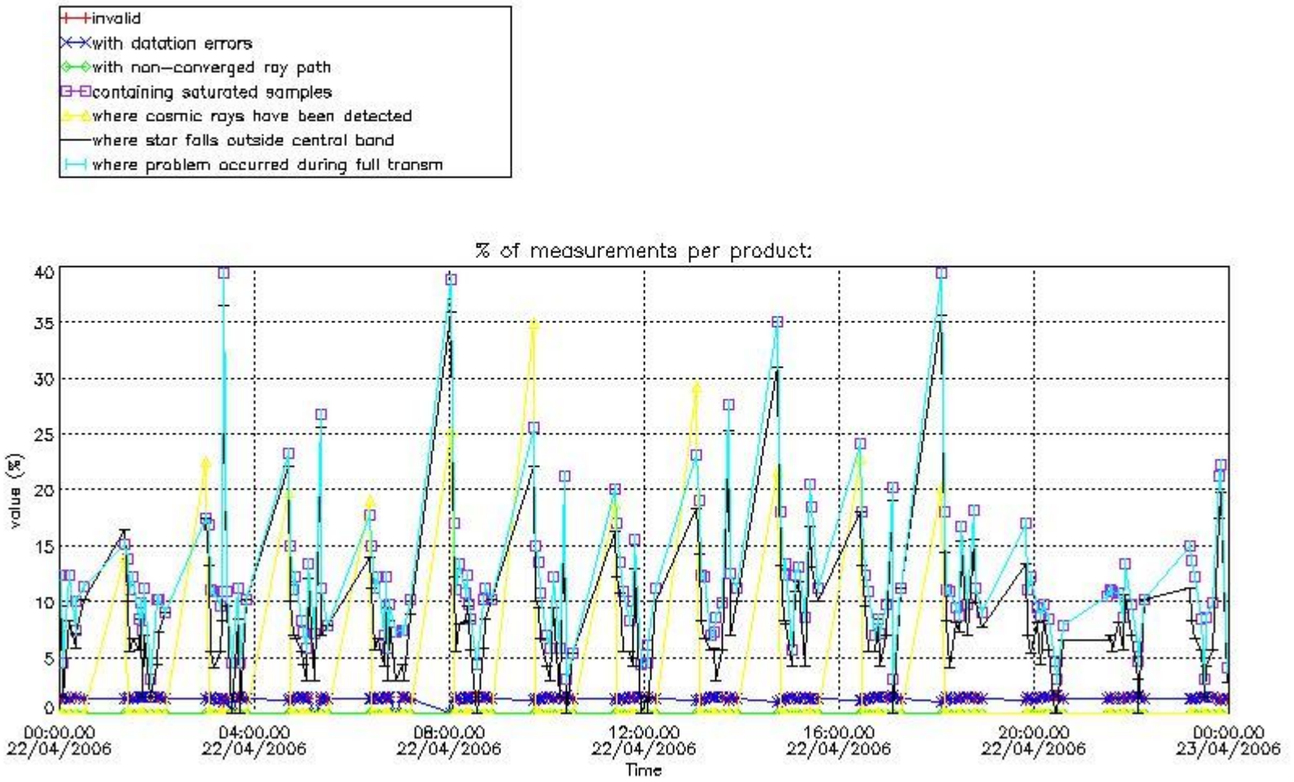
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processsing. Products without errors (error flag in the MPH set to "0") are used.

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

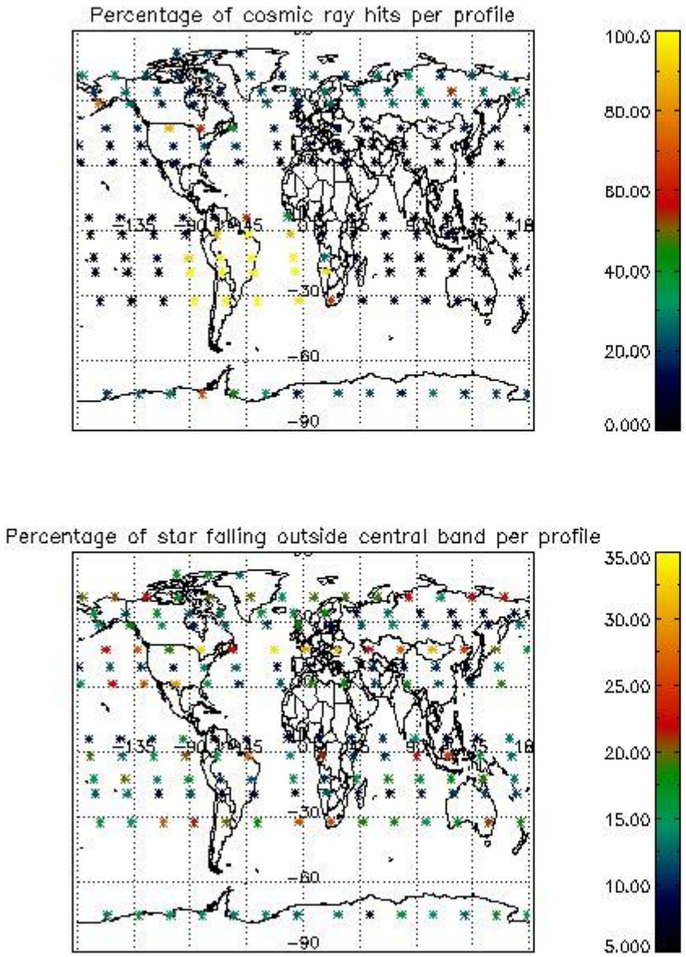


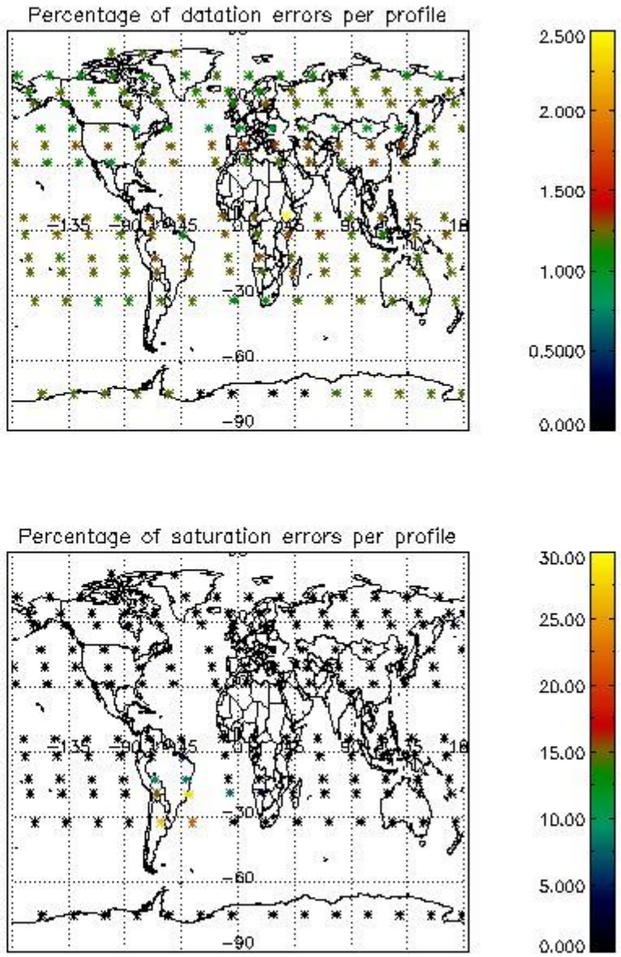
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



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

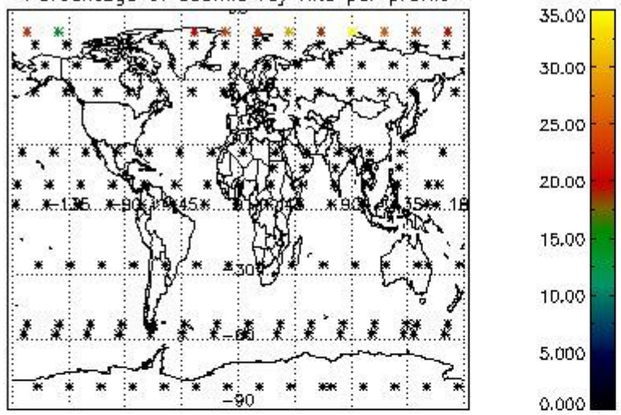
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes



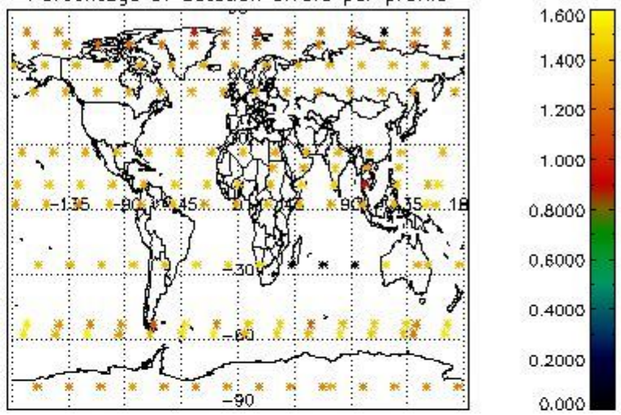


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

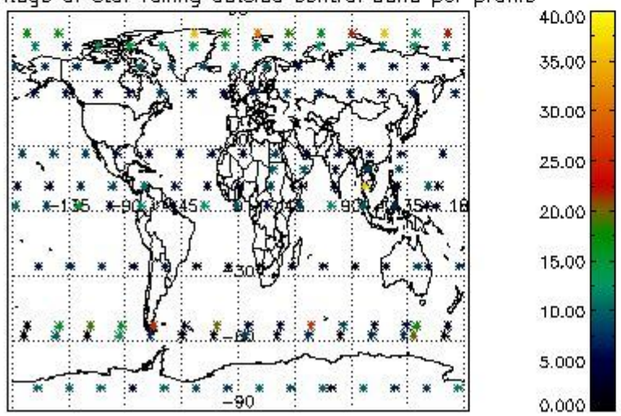
Percentage of cosmic ray hits per profile



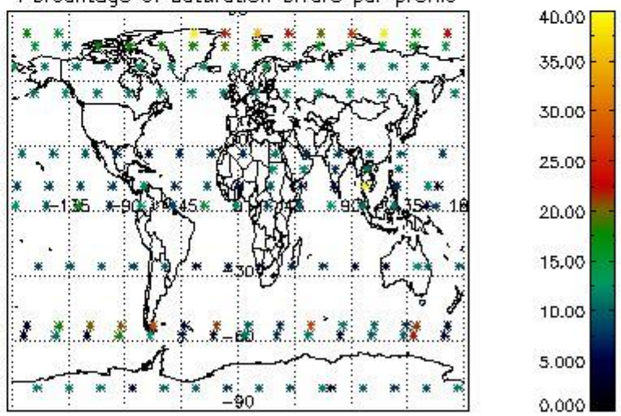
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

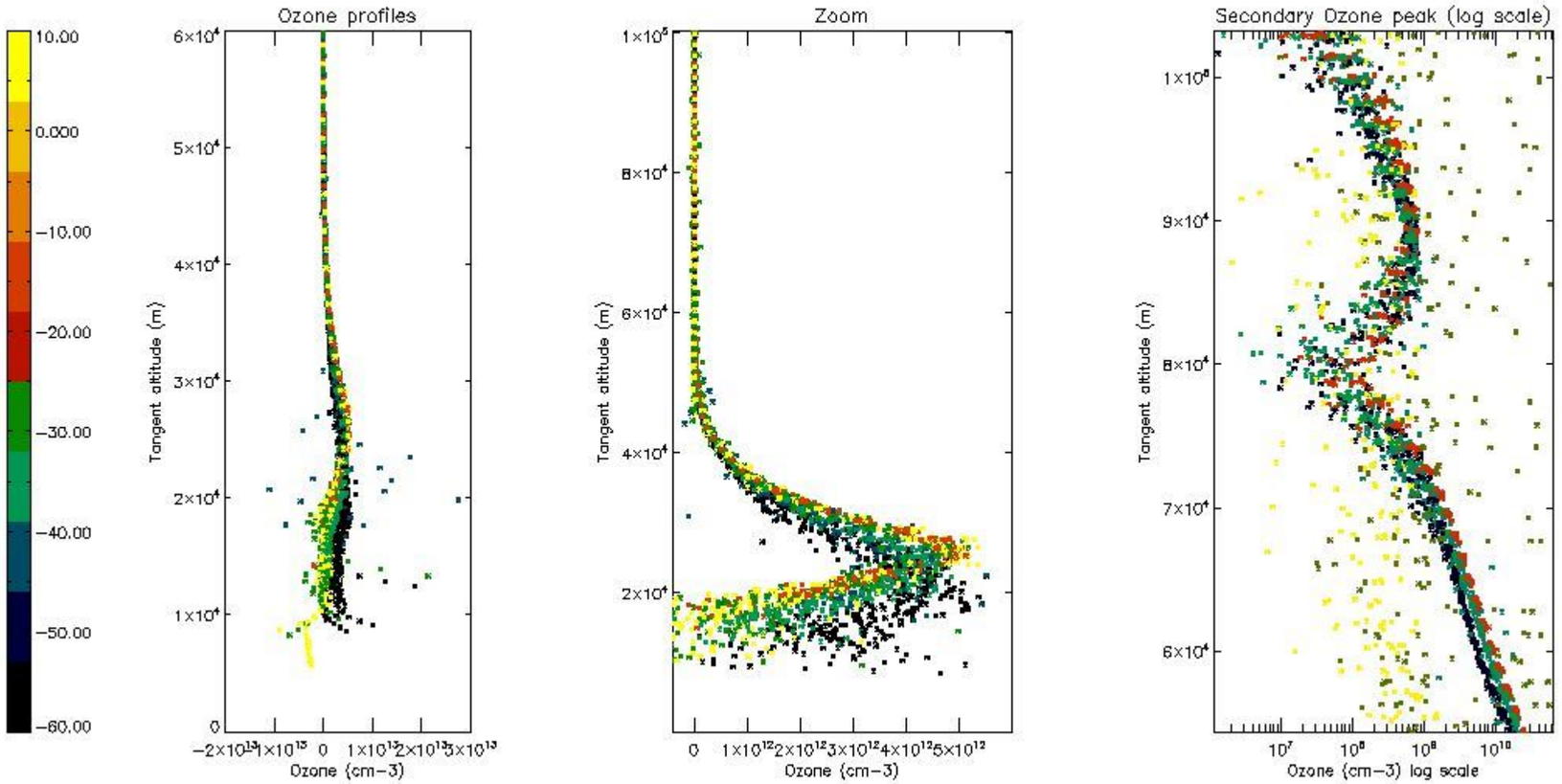
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	27
STD < 20	14

STD < 10	11
STD < 5	7

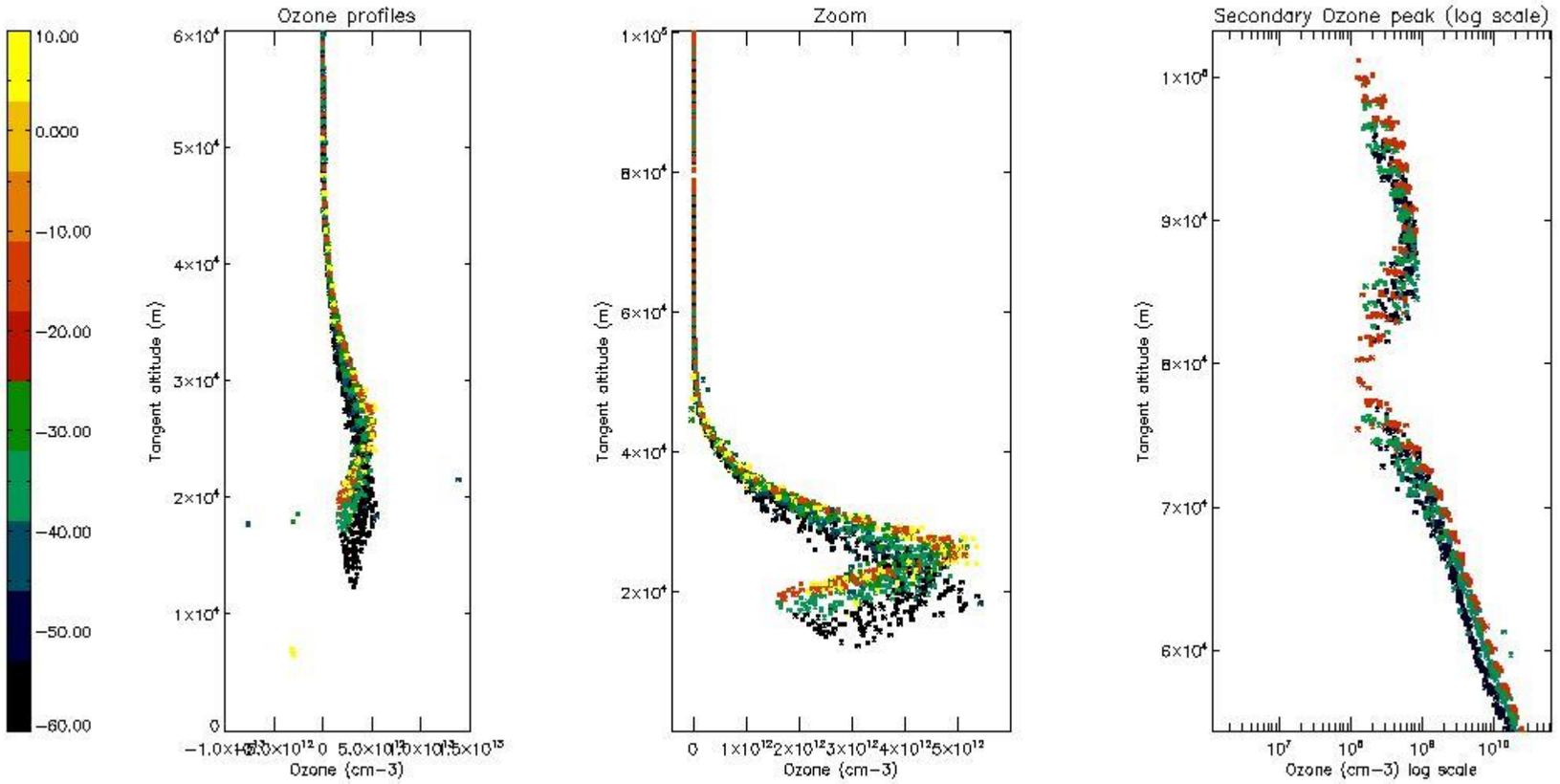
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



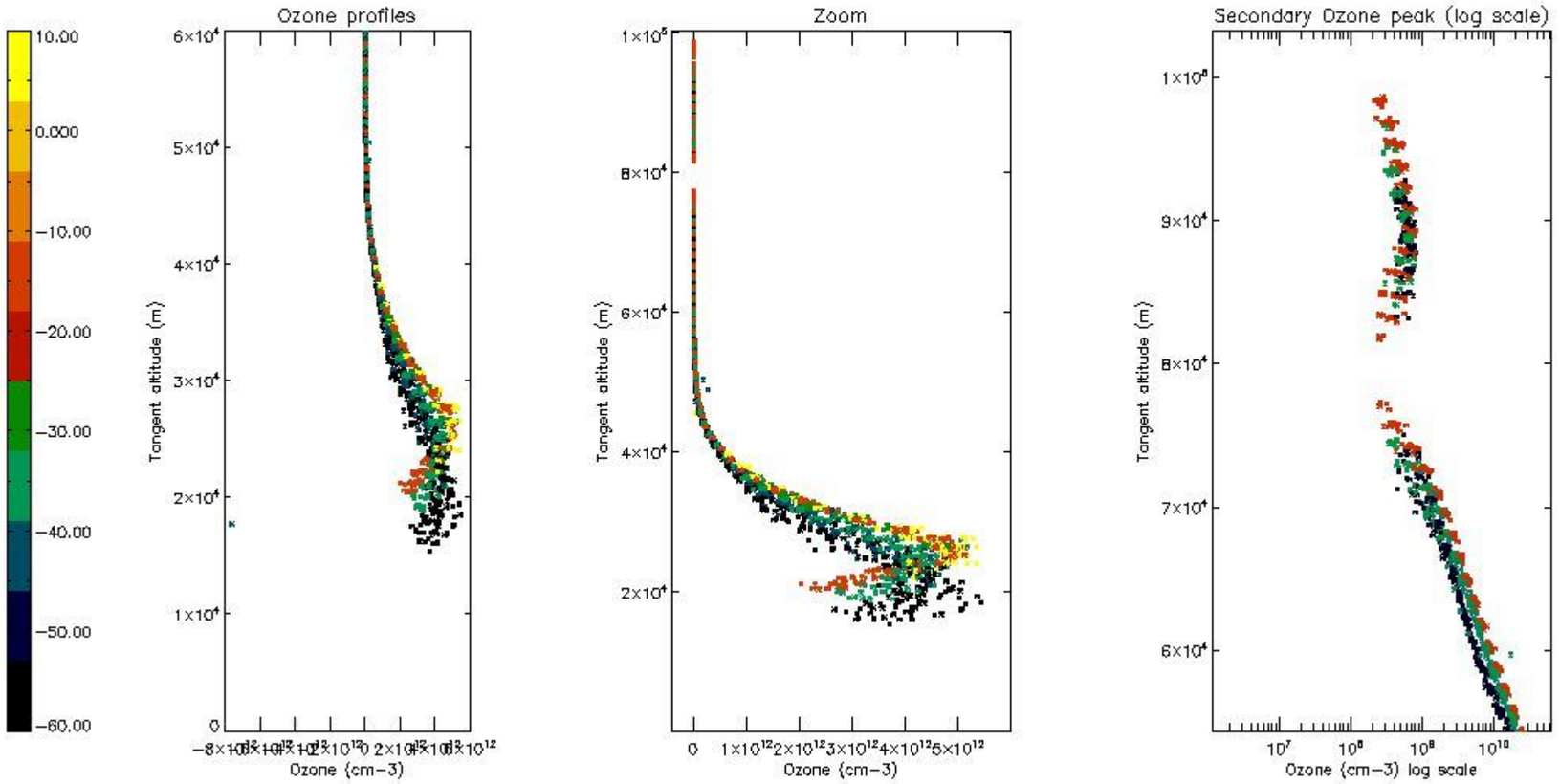
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



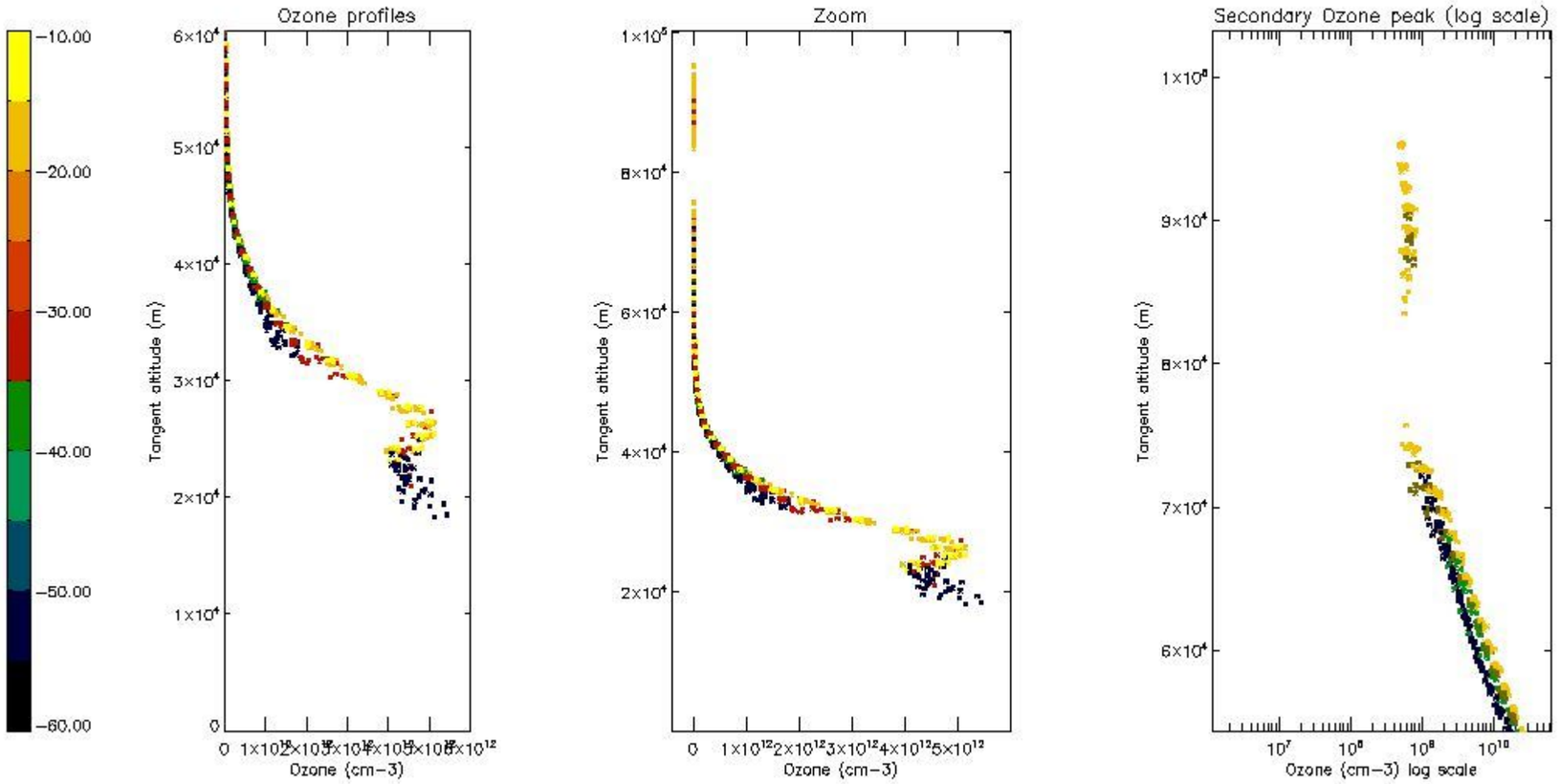
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



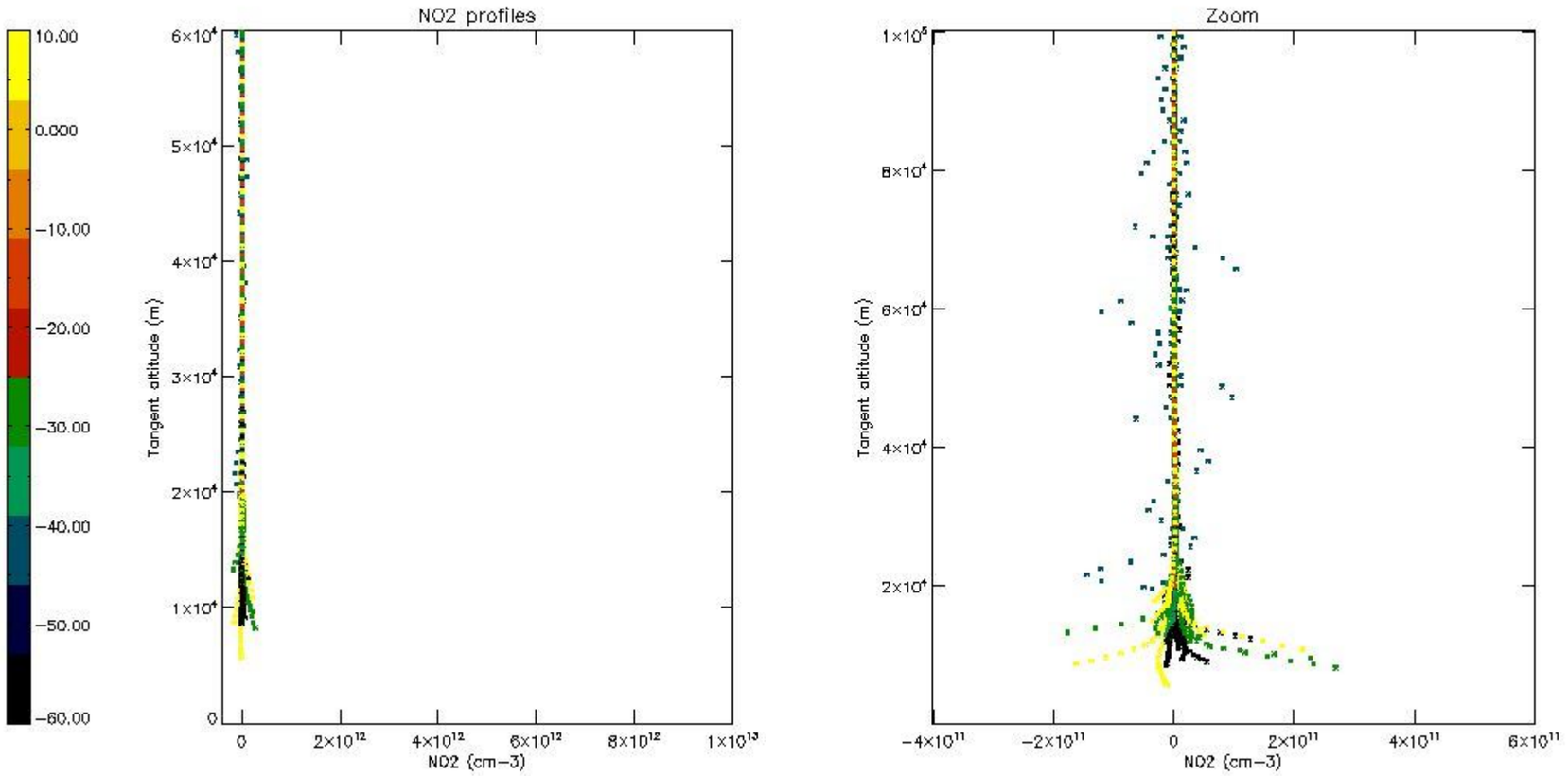
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



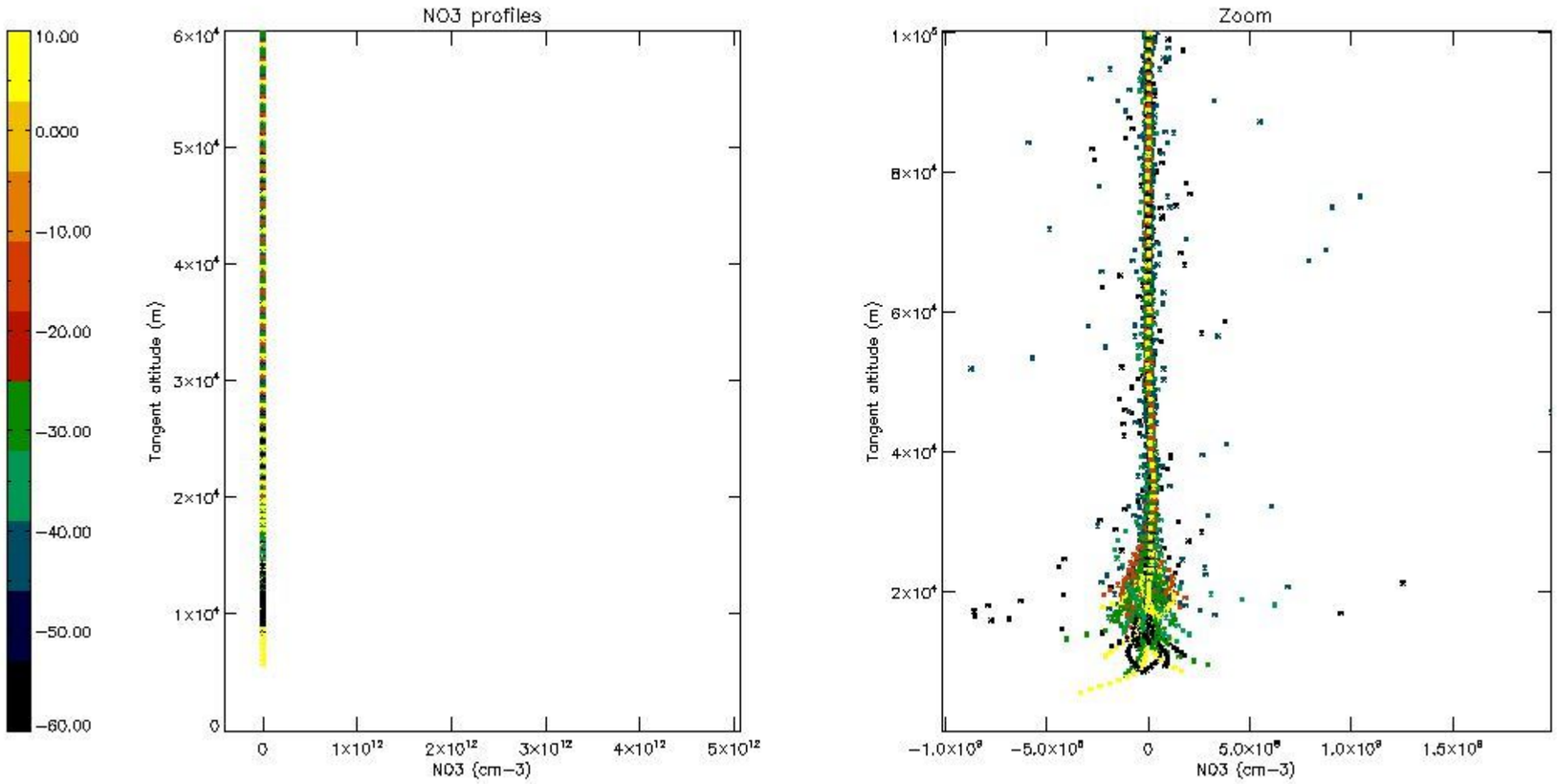
5.6 Plot NO2 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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	22-APR-2006 00:01:17
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	22-APR-2006 00:01:17
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	22-APR-2006 00:01:17

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 18:58:47
Data source version	GOMOS/6.01
Start time of products	22-04-2006 (22APR2006 00:00:00)
Stop time of products	23-04-2006 (23APR2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	333
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__2PRFIN20060422_000117_000000372047_00059_21656_9228.N1	22-APR-2006 00:01:17	Bright	36.500	87	64Gam UMa	2.4330	11000.	73	21656	No
2	GOM_NL__2PRFIN20060422_000347_000000332047_00059_21656_9229.N1	22-APR-2006 00:03:47	Bright	33.000	36	50Alp UMa	1.8000	6300.0	66	21656	No
3	GOM_NL__2PRFIN20060422_001140_000000372047_00059_21656_9230.N1	22-APR-2006 00:11:40	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	21656	No
4	GOM_NL__2PRFIN20060422_001923_000000342047_00059_21656_9231.N1	22-APR-2006 00:19:23	Bright	34.000	76	27Gam Cas	2.3000	30000.	68	21656	No
5	GOM_NL__2PRFIN20060422_002040_000000352047_00059_21656_9232.N1	22-APR-2006 00:20:40	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	21656	No
6	GOM_NL__2PRFIN20060422_002905_000000402047_00059_21656_9233.N1	22-APR-2006 00:29:05	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	21656	No
7	GOM_NL__2PRFIN20060422_003314_000000402047_00059_21656_9234.N1	22-APR-2006 00:33:14	Twi_and_stray	39.500	90	54Alp Peg	2.4870	11000.	79	21656	No
8	GOM_NL__2PRFIN20060422_004545_000000422047_00059_21656_9235.N1	22-APR-2006 00:45:45	Dark	41.500	18	24Alp PsA	1.1660	9700.0	83	21656	No
9	GOM_NL__2PRFIN20060422_004928_000000392047_00059_21656_9236.N1	22-APR-2006 00:49:28	Dark	39.000	172	Gam Gru	3.0030	13100.	78	21656	No
10	GOM_NL__2PRFIN20060422_005121_000000392047_00059_21656_9237.N1	22-APR-2006 00:51:21	Dark	39.000	31	Alp Gru	1.7340	15200.	78	21656	No
11	GOM_NL__2PRFIN20060422_005421_000000462047_00059_21656_9238.N1	22-APR-2006 00:54:21	Dark	46.000	148	Alp Tuc	2.8780	4100.0	92	21656	No
12	GOM_NL__2PRFIN20060422_005633_000000402047_00060_21657_9215.N1	22-APR-2006 00:56:33	Dark	39.500	45	Alp Pav	1.9400	26000.	79	21657	No
13	GOM_NL__2PRFIN20060422_010341_000000392047_00060_21657_9216.N1	22-APR-2006 01:03:41	Dark	39.000	43	Alp TrA	1.9100	4250.0	78	21657	No
14	GOM_NL__2PRFIN20060422_010550_000000392047_00060_21657_9217.N1	22-APR-2006 01:05:50	Straylight	39.000	134	Bet TrA	2.8100	6600.0	78	21657	No
15	GOM_NL__2PRFIN20060422_010806_000000452047_00060_21657_9218.N1	22-APR-2006 01:08:06	Straylight	44.500	4	Alp1Cen	-0.010000	5800.0	89	21657	No
16	GOM_NL__2PRFIN20060422_011123_000000412047_00060_21657_9219.N1	22-APR-2006 01:11:23	Straylight	41.000	78	Alp Lup	2.3040	28000.	82	21657	No
17	GOM_NL__2PRFIN20060422_011258_000000432047_00060_21657_9220.N1	22-APR-2006 01:12:58	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	21657	No
18	GOM_NL__2PRFIN20060422_011512_000000452047_00060_21657_9221.N1	22-APR-2006 01:15:12	Straylight	45.000	54	5The Cen	2.0550	4500.0	90	21657	No
19	GOM_NL__2PRFIN20060422_012007_000000402047_00060_21657_9222.N1	22-APR-2006 01:20:07	Bright	39.500	106	9Bet Crv	2.6480	5600.0	79	21657	No
20	GOM_NL__2PRFIN20060422_012311_000000402047_00060_21657_9223.N1	22-APR-2006 01:23:11	Bright	40.000	15	67Alp Vir	0.97600	28000.	80	21657	No
21	GOM_NL__2PRFIN20060422_012613_000000362047_00060_21657_9224.N1	22-APR-2006 01:26:13	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	21657	No
22	GOM_NL__2PRFIN20060422_012947_000000372047_00060_21657_9225.N1	22-APR-2006 01:29:47	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	21657	No
23	GOM_NL__2PRFIN20060422_013743_000000362047_00060_21657_9226.N1	22-APR-2006 01:37:43	Bright	35.500	152	12Alp2CVn	2.8900	11000.	71	21657	No
24	GOM_NL__2PRFIN20060422_013942_000000362047_00060_21657_9227.N1	22-APR-2006 01:39:42	Bright	35.500	174	52Psi UMa	3.0040	4400.0	71	21657	No
25	GOM_NL__2PRFIN20060422_014153_000000342047_00060_21657_9228.N1	22-APR-2006 01:41:53	Bright	34.000	87	64Gam UMa	2.4330	11000.	68	21657	No
26	GOM_NL__2PRFIN20060422_014424_000000362047_00060_21657_9229.N1	22-APR-2006 01:44:24	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	21657	No
27	GOM_NL__2PRFIN20060422_015216_000000332047_00060_21657_9230.N1	22-APR-2006 01:52:16	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	21657	No
28	GOM_NL__2PRFIN20060422_015959_000000352047_00060_21657_9231.N1	22-APR-2006 01:59:59	Bright	34.500	76	27Gam Cas	2.3000	30000.	69	21657	No
29	GOM_NL__2PRFIN20060422_020116_000000352047_00060_21657_9232.N1	22-APR-2006 02:01:16	Bright	34.500	68	18Alp Cas	2.2250	4500.0	69	21657	No
30	GOM_NL__2PRFIN20060422_020941_000000392047_00060_21657_9233.N1	22-APR-2006 02:09:41	Bright	39.000	164	44Eta Peg	2.9480	5400.0	78	21657	No
31	GOM_NL__2PRFIN20060422_021350_000000402047_00060_21657_9234.N1	22-APR-2006 02:13:50	Twi_and_stray	39.500	90	54Alp Peg	2.4870	11000.	79	21657	No
32	GOM_NL__2PRFIN20060422_022621_000000432047_00060_21657_9235.N1	22-APR-2006 02:26:21	Dark	42.500	18	24Alp PsA	1.1660	9700.0	85	21657	No
33	GOM_NL__2PRFIN20060422_023005_000000392047_00060_21657_9236.N1	22-APR-2006 02:30:05	Dark	39.000	172	Gam Gru	3.0030	13100.	78	21657	No
34	GOM_NL__2PRFIN20060422_023157_000000392047_00060_21657_9237.N1	22-APR-2006 02:31:57	Dark	38.500	31	Alp Gru	1.7340	15200.	77	21657	No
35	GOM_NL__2PRFIN20060422_023457_000000402047_00060_21657_9238.N1	22-APR-2006 02:34:57	Dark	39.500	148	Alp Tuc	2.8780	4100.0	79	21657	No
36	GOM_NL__2PRFIN20060422_023710_000000392047_00061_21658_9235.N1	22-APR-2006 02:37:10	Dark	38.500	45	Alp Pav	1.9400	26000.	77	21658	No
37	GOM_NL__2PRFIN20060422_024417_000000412047_00061_21658_9236.N1	22-APR-2006 02:44:17	Dark	41.000	43	Alp TrA	1.9100	4250.0	82	21658	No
38	GOM_NL__2PRFIN20060422_024626_000000412047_00061_21658_9237.N1	22-APR-2006 02:46:26	Straylight	40.500	134	Bet TrA	2.8100	6600.0	81	21658	No
39	GOM_NL__2PRFIN20060422_024842_000000522047_00061_21658_9238.N1	22-APR-2006 02:48:42	Straylight	51.500	4	Alp1Cen	-0.010000	5800.0	103	21658	No
40	GOM_NL__2PRFIN20060422_025200_000000402047_00061_21658_9239.N1	22-APR-2006 02:52:00	Straylight	40.000	78	Alp Lup	2.3040	28000.	80	21658	No
41	GOM_NL__2PRFIN20060422_025334_000000422047_00061_21658_9240.N1	22-APR-2006 02:53:34	Straylight	42.000	81	Eta Cen	2.3560	28000.	84	21658	No
42	GOM_NL__2PRFIN20060422_025549_000000442047_00061_21658_9241.N1	22-APR-2006 02:55:49	Straylight	44.000	54	5The Cen	2.0550	4500.0	88	21658	No

43	GOM_NL__2PRFIN20060422_030043_000000402047_00061_21658_9242.N1	22-APR-2006 03:00:43	Bright	40.000	106	9Bet Crv	2.6480	5600.0	80	21658	No
44	GOM_NL__2PRFIN20060422_030347_000000422047_00061_21658_9243.N1	22-APR-2006 03:03:47	Bright	41.500	15	67Alp Vir	0.97600	28000.	83	21658	No
45	GOM_NL__2PRFIN20060422_030649_000000362047_00061_21658_9244.N1	22-APR-2006 03:06:49	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	21658	No
46	GOM_NL__2PRFIN20060422_031023_000000372047_00061_21658_9245.N1	22-APR-2006 03:10:23	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	21658	No
47	GOM_NL__2PRFIN20060422_031819_000000372047_00061_21658_9246.N1	22-APR-2006 03:18:19	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	21658	No
48	GOM_NL__2PRFIN20060422_032019_000000372047_00061_21658_9247.N1	22-APR-2006 03:20:19	Bright	36.500	174	52Psi UMa	3.0040	4400.0	73	21658	No
49	GOM_NL__2PRFIN20060422_032229_000000522047_00061_21658_9248.N1	22-APR-2006 03:22:29	Bright	52.000	87	64Gam UMa	2.4330	11000.	104	21658	No
50	GOM_NL__2PRFIN20060422_032500_000000372047_00061_21658_9249.N1	22-APR-2006 03:25:00	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	21658	No
51	GOM_NL__2PRFIN20060422_033252_000000332047_00061_21658_9250.N1	22-APR-2006 03:32:52	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	21658	No
52	GOM_NL__2PRFIN20060422_034035_000000362047_00061_21658_9251.N1	22-APR-2006 03:40:35	Bright	35.500	76	27Gam Cas	2.3000	30000.	71	21658	No
53	GOM_NL__2PRFIN20060422_034153_000000332047_00061_21658_9252.N1	22-APR-2006 03:41:53	Bright	33.000	68	18Alp Cas	2.2250	4500.0	66	21658	No
54	GOM_NL__2PRFIN20060422_035017_000000402047_00061_21658_9253.N1	22-APR-2006 03:50:17	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	21658	No
55	GOM_NL__2PRFIN20060422_035426_000000412047_00061_21658_9254.N1	22-APR-2006 03:54:26	Twi_and_stray	41.000	90	54Alp Peg	2.4870	11000.	82	21658	No
56	GOM_NL__2PRFIN20060422_040657_000000442047_00061_21658_9255.N1	22-APR-2006 04:06:57	Dark	44.000	18	24Alp PsA	1.1660	9700.0	88	21658	No
57	GOM_NL__2PRFIN20060422_041042_000000412047_00061_21658_9256.N1	22-APR-2006 04:10:42	Dark	41.000	172	Gam Gru	3.0030	13100.	82	21658	No
58	GOM_NL__2PRFIN20060422_041233_000000422047_00061_21658_9257.N1	22-APR-2006 04:12:33	Dark	41.500	31	Alp Gru	1.7340	15200.	83	21658	No
59	GOM_NL__2PRFIN20060422_041534_000000422047_00061_21658_9258.N1	22-APR-2006 04:15:34	Dark	42.000	148	Alp Tuc	2.8780	4100.0	84	21658	No
60	GOM_NL__2PRFIN20060422_041746_000000442047_00062_21659_9235.N1	22-APR-2006 04:17:46	Dark	43.500	45	Alp Pav	1.9400	26000.	87	21659	No
61	GOM_NL__2PRFIN20060422_042454_000000502047_00062_21659_9236.N1	22-APR-2006 04:24:54	Dark	50.000	43	Alp TrA	1.9100	4250.0	100	21659	No
62	GOM_NL__2PRFIN20060422_042703_000000382047_00062_21659_9237.N1	22-APR-2006 04:27:03	Straylight	38.000	134	Bet TrA	2.8100	6600.0	76	21659	No
63	GOM_NL__2PRFIN20060422_042919_000000432047_00062_21659_9238.N1	22-APR-2006 04:29:19	Straylight	42.500	4	Alp1Cen	-0.010000	5800.0	85	21659	No
64	GOM_NL__2PRFIN20060422_043236_000000432047_00062_21659_9239.N1	22-APR-2006 04:32:36	Straylight	42.500	78	Alp Lup	2.3040	28000.	85	21659	No
65	GOM_NL__2PRFIN20060422_043411_000000442047_00062_21659_9240.N1	22-APR-2006 04:34:11	Straylight	44.000	81	Eta Cen	2.3560	28000.	88	21659	No
66	GOM_NL__2PRFIN20060422_043625_000000472047_00062_21659_9241.N1	22-APR-2006 04:36:25	Straylight	46.500	54	5The Cen	2.0550	4500.0	93	21659	No
67	GOM_NL__2PRFIN20060422_044119_000000432047_00062_21659_9242.N1	22-APR-2006 04:41:19	Bright	43.000	106	9Bet Crv	2.6480	5600.0	86	21659	No
68	GOM_NL__2PRFIN20060422_044423_000000402047_00062_21659_9243.N1	22-APR-2006 04:44:23	Bright	40.000	15	67Alp Vir	0.97600	28000.	80	21659	No
69	GOM_NL__2PRFIN20060422_044725_000000362047_00062_21659_9244.N1	22-APR-2006 04:47:25	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	21659	No
70	GOM_NL__2PRFIN20060422_045059_000000372047_00062_21659_9245.N1	22-APR-2006 04:50:59	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	21659	No
71	GOM_NL__2PRFIN20060422_045855_000000362047_00062_21659_9246.N1	22-APR-2006 04:58:55	Bright	36.000	152	12Alp2CVn	2.8900	11000.	72	21659	No
72	GOM_NL__2PRFIN20060422_050055_000000352047_00062_21659_9247.N1	22-APR-2006 05:00:55	Bright	34.500	174	52Psi UMa	3.0040	4400.0	69	21659	No
73	GOM_NL__2PRFIN20060422_050305_000000342047_00062_21659_9248.N1	22-APR-2006 05:03:05	Bright	34.000	87	64Gam UMa	2.4330	11000.	68	21659	No
74	GOM_NL__2PRFIN20060422_050536_000000382047_00062_21659_9249.N1	22-APR-2006 05:05:36	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	21659	No
75	GOM_NL__2PRFIN20060422_051328_000000352047_00062_21659_9250.N1	22-APR-2006 05:13:28	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	21659	No
76	GOM_NL__2PRFIN20060422_052111_000000432047_00062_21659_9251.N1	22-APR-2006 05:21:11	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	21659	No
77	GOM_NL__2PRFIN20060422_052229_000000362047_00062_21659_9252.N1	22-APR-2006 05:22:29	Bright	35.500	68	18Alp Cas	2.2250	4500.0	71	21659	No
78	GOM_NL__2PRFIN20060422_053053_000000392047_00062_21659_9253.N1	22-APR-2006 05:30:53	Bright	38.500	164	44Eta Peg	2.9480	5400.0	77	21659	No
79	GOM_NL__2PRFIN20060422_053503_000000412047_00062_21659_9254.N1	22-APR-2006 05:35:03	Twi_and_stray	41.000	90	54Alp Peg	2.4870	11000.	82	21659	No
80	GOM_NL__2PRFIN20060422_054734_000000472047_00062_21659_9255.N1	22-APR-2006 05:47:34	Dark	47.000	18	24Alp PsA	1.1660	9700.0	94	21659	No
81	GOM_NL__2PRFIN20060422_055118_000000402047_00062_21659_9256.N1	22-APR-2006 05:51:18	Dark	40.000	172	Gam Gru	3.0030	13100.	80	21659	No
82	GOM_NL__2PRFIN20060422_055310_000000402047_00062_21659_9257.N1	22-APR-2006 05:53:10	Dark	40.000	31	Alp Gru	1.7340	15200.	80	21659	No
83	GOM_NL__2PRFIN20060422_055610_000000402047_00062_21659_9258.N1	22-APR-2006 05:56:10	Dark	39.500	148	Alp Tuc	2.8780	4100.0	79	21659	No
84	GOM_NL__2PRFIN20060422_055823_000000402047_00063_21660_9235.N1	22-APR-2006 05:58:23	Dark	39.500	45	Alp Pav	1.9400	26000.	79	21660	No
85	GOM_NL__2PRFIN20060422_060530_000000472047_00063_21660_9236.N1	22-APR-2006 06:05:30	Dark	46.500	43	Alp TrA	1.9100	4250.0	93	21660	No
86	GOM_NL__2PRFIN20060422_060739_000000392047_00063_21660_9237.N1	22-APR-2006 06:07:39	Straylight	38.500	134	Bet TrA	2.8100	6600.0	77	21660	No
87	GOM_NL__2PRFIN20060422_060955_000000472047_00063_21660_9238.N1	22-APR-2006 06:09:55	Straylight	47.000	4	Alp1Cen	-0.010000	5800.0	94	21660	No
88	GOM_NL__2PRFIN20060422_061313_000000442047_00063_21660_9239.N1	22-APR-2006 06:13:13	Straylight	44.000	78	Alp Lup	2.3040	28000.	88	21660	No
89	GOM_NL__2PRFIN20060422_061447_000000412047_00063_21660_9240.N1	22-APR-2006 06:14:47	Straylight	41.000	81	Eta Cen	2.3560	28000.	82	21660	No
90	GOM_NL__2PRFIN20060422_061701_000000462047_00063_21660_9241.N1	22-APR-2006 06:17:01	Straylight	46.000	54	5The Cen	2.0550	4500.0	92	21660	No
91	GOM_NL__2PRFIN20060422_062155_000000402047_00063_21660_9242.N1	22-APR-2006 06:21:55	Bright	39.500	106	9Bet Crv	2.6480	5600.0	79	21660	No
92	GOM_NL__2PRFIN20060422_062459_000000402047_00063_21660_9243.N1	22-APR-2006 06:24:59	Bright	40.000	15	67Alp Vir	0.97600	28000.	80	21660	No
93	GOM_NL__2PRFIN20060422_062801_000000362047_00063_21660_9244.N1	22-APR-2006 06:28:01	Bright	35.500	121	29Gam Vir	2.7400	7200.0	71	21660	No
94	GOM_NL__2PRFIN20060422_063135_000000372047_00063_21660_9245.N1	22-APR-2006 06:31:35	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	21660	No
95	GOM_NL__2PRFIN20060422_063931_000000362047_00063_21660_9246.N1	22-APR-2006 06:39:31	Bright	35.500	152	12Alp2CVn	2.8900	11000.	71	21660	No
96	GOM_NL__2PRFIN20060422_064131_000000372047_00063_21660_9247.N1	22-APR-2006 06:41:31	Bright	37.000	174	52Psi UMa	3.0040	4400.0	74	21660	No
97	GOM_NL__2PRFIN20060422_064341_000000342047_00063_21660_9248.N1	22-APR-2006 06:43:41	Bright	34.000	87	64Gam UMa	2.4330	11000.	68	21660	No
98	GOM_NL__2PRFIN20060422_064612_000000362047_00063_21660_9249.N1	22-APR-2006 06:46:12	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	21660	No
99	GOM_NL__2PRFIN20060422_065404_000000352047_00063_21660_9250.N1	22-APR-2006 06:54:04	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	21660	No
100	GOM_NL__2PRFIN20060422_070147_000000342047_00063_21660_9251.N1	22-APR-2006 07:01:47	Bright	34.000	76	27Gam Cas	2.3000	30000.	68	21660	No
101	GOM_NL__2PRFIN20060422_070305_000000342047_00063_21660_9252.N1	22-APR-2006 07:03:05	Bright	34.000	68	18Alp Cas	2.2250	4500.0	68	21660	No

102	GOM_NL__2PRFIN20060422_071130_000000402047_00063_21660_9253.N1	22-APR-2006 07:11:30	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	21660	No
103	GOM_NL__2PRFIN20060422_071539_000000412047_00063_21660_9254.N1	22-APR-2006 07:15:39	Twi_and_stray	41.000	90	54Alp Peg	2.4870	11000.	82	21660	No
104	GOM_NL__2PRFIN20060422_072810_000000412047_00063_21660_9255.N1	22-APR-2006 07:28:10	Dark	40.500	18	24Alp PsA	1.1660	9700.0	81	21660	No
105	GOM_NL__2PRFIN20060422_073155_000000422047_00063_21660_9256.N1	22-APR-2006 07:31:55	Dark	41.500	172	Gam Gru	3.0030	13100.	83	21660	No
106	GOM_NL__2PRFIN20060422_073346_000000432047_00063_21660_9257.N1	22-APR-2006 07:33:46	Dark	43.000	31	Alp Gru	1.7340	15200.	86	21660	No
107	GOM_NL__2PRFIN20060422_073646_000000392047_00063_21660_9258.N1	22-APR-2006 07:36:46	Dark	39.000	148	Alp Tuc	2.8780	4100.0	78	21660	No
108	GOM_NL__2PRFIN20060422_073859_000000402047_00064_21661_9235.N1	22-APR-2006 07:38:59	Dark	39.500	45	Alp Pav	1.9400	26000.	79	21661	No
109	GOM_NL__2PRFIN20060422_074606_000000452047_00064_21661_9236.N1	22-APR-2006 07:46:06	Dark	44.500	43	Alp TrA	1.9100	4250.0	89	21661	No
110	GOM_NL__2PRFIN20060422_074816_000000402047_00064_21661_9237.N1	22-APR-2006 07:48:16	Straylight	40.000	134	Bet TrA	2.8100	6600.0	80	21661	No
111	GOM_NL__2PRFIN20060422_075031_000000442047_00064_21661_9238.N1	22-APR-2006 07:50:31	Straylight	44.000	4	Alp1Cen	-0.010000	5800.0	88	21661	No
112	GOM_NL__2PRFIN20060422_075349_000000422047_00064_21661_9239.N1	22-APR-2006 07:53:49	Straylight	42.000	78	Alp Lup	2.3040	28000.	84	21661	No
113	GOM_NL__2PRFIN20060422_075523_000000442047_00064_21661_9240.N1	22-APR-2006 07:55:23	Straylight	43.500	81	Eta Cen	2.3560	28000.	87	21661	No
114	GOM_NL__2PRFIN20060422_075738_000000462047_00064_21661_9241.N1	22-APR-2006 07:57:38	Straylight	45.500	54	5The Cen	2.0550	4500.0	91	21661	No
115	GOM_NL__2PRFIN20060422_080231_000000522047_00064_21661_9242.N1	22-APR-2006 08:02:31	Bright	51.500	106	9Bet Crv	2.6480	5600.0	103	21661	No
116	GOM_NL__2PRFIN20060422_080535_000000412047_00064_21661_9243.N1	22-APR-2006 08:05:35	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	21661	No
117	GOM_NL__2PRFIN20060422_080837_000000362047_00064_21661_9244.N1	22-APR-2006 08:08:37	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	21661	No
118	GOM_NL__2PRFIN20060422_081211_000000382047_00064_21661_9245.N1	22-APR-2006 08:12:11	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	21661	No
119	GOM_NL__2PRFIN20060422_082006_000000372047_00064_21661_9246.N1	22-APR-2006 08:20:06	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	21661	No
120	GOM_NL__2PRFIN20060422_082207_000000372047_00064_21661_9247.N1	22-APR-2006 08:22:07	Bright	36.500	174	52Psi UMa	3.0040	4400.0	73	21661	No
121	GOM_NL__2PRFIN20060422_082417_000000362047_00064_21661_9248.N1	22-APR-2006 08:24:17	Bright	36.000	87	64Gam UMa	2.4330	11000.	72	21661	No
122	GOM_NL__2PRFIN20060422_082648_000000362047_00064_21661_9249.N1	22-APR-2006 08:26:48	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	21661	No
123	GOM_NL__2PRFIN20060422_083440_000000342047_00064_21661_9250.N1	22-APR-2006 08:34:40	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	21661	No
124	GOM_NL__2PRFIN20060422_084223_000000352047_00064_21661_9251.N1	22-APR-2006 08:42:23	Bright	34.500	76	27Gam Cas	2.3000	30000.	69	21661	No
125	GOM_NL__2PRFIN20060422_084341_000000362047_00064_21661_9252.N1	22-APR-2006 08:43:41	Bright	35.500	68	18Alp Cas	2.2250	4500.0	71	21661	No
126	GOM_NL__2PRFIN20060422_085205_000000402047_00064_21661_9253.N1	22-APR-2006 08:52:05	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	21661	No
127	GOM_NL__2PRFIN20060422_085615_000000422047_00064_21661_9254.N1	22-APR-2006 08:56:15	Twi_and_stray	42.000	90	54Alp Peg	2.4870	11000.	84	21661	No
128	GOM_NL__2PRFIN20060422_090846_000000412047_00064_21661_9255.N1	22-APR-2006 09:08:46	Dark	41.000	18	24Alp PsA	1.1660	9700.0	82	21661	No
129	GOM_NL__2PRFIN20060422_091231_000000412047_00064_21661_9256.N1	22-APR-2006 09:12:31	Dark	41.000	172	Gam Gru	3.0030	13100.	82	21661	No
130	GOM_NL__2PRFIN20060422_091423_000000402047_00064_21661_9257.N1	22-APR-2006 09:14:23	Dark	40.000	31	Alp Gru	1.7340	15200.	80	21661	No
131	GOM_NL__2PRFIN20060422_091722_000000422047_00064_21661_9258.N1	22-APR-2006 09:17:22	Dark	41.500	148	Alp Tuc	2.8780	4100.0	83	21661	No
132	GOM_NL__2PRFIN20060422_091936_000000402047_00065_21662_9235.N1	22-APR-2006 09:19:36	Dark	40.000	45	Alp Pav	1.9400	26000.	80	21662	No
133	GOM_NL__2PRFIN20060422_092643_000000412047_00065_21662_9236.N1	22-APR-2006 09:26:43	Dark	40.500	43	Alp TrA	1.9100	4250.0	81	21662	No
134	GOM_NL__2PRFIN20060422_092852_000000392047_00065_21662_9237.N1	22-APR-2006 09:28:52	Straylight	38.500	134	Bet TrA	2.8100	6600.0	77	21662	No
135	GOM_NL__2PRFIN20060422_093107_000000422047_00065_21662_9238.N1	22-APR-2006 09:31:07	Straylight	41.500	4	Alp1Cen	-0.010000	5800.0	83	21662	No
136	GOM_NL__2PRFIN20060422_093425_000000422047_00065_21662_9239.N1	22-APR-2006 09:34:25	Straylight	42.000	78	Alp Lup	2.3040	28000.	84	21662	No
137	GOM_NL__2PRFIN20060422_093600_000000412047_00065_21662_9240.N1	22-APR-2006 09:36:00	Straylight	40.500	81	Eta Cen	2.3560	28000.	81	21662	No
138	GOM_NL__2PRFIN20060422_093814_000000472047_00065_21662_9241.N1	22-APR-2006 09:38:14	Straylight	46.500	54	5The Cen	2.0550	4500.0	93	21662	No
139	GOM_NL__2PRFIN20060422_094307_000000432047_00065_21662_9242.N1	22-APR-2006 09:43:07	Bright	43.000	106	9Bet Crv	2.6480	5600.0	86	21662	No
140	GOM_NL__2PRFIN20060422_094611_000000402047_00065_21662_9243.N1	22-APR-2006 09:46:11	Bright	40.000	15	67Alp Vir	0.97600	28000.	80	21662	No
141	GOM_NL__2PRFIN20060422_094913_000000372047_00065_21662_9244.N1	22-APR-2006 09:49:13	Bright	37.000	121	29Gam Vir	2.7400	7200.0	74	21662	No
142	GOM_NL__2PRFIN20060422_095246_000000372047_00065_21662_9245.N1	22-APR-2006 09:52:46	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	21662	No
143	GOM_NL__2PRFIN20060422_100042_000000362047_00065_21662_9246.N1	22-APR-2006 10:00:42	Bright	35.500	152	12Alp2CVn	2.8900	11000.	71	21662	No
144	GOM_NL__2PRFIN20060422_100453_000000342047_00065_21662_9247.N1	22-APR-2006 10:04:53	Bright	34.000	87	64Gam UMa	2.4330	11000.	68	21662	No
145	GOM_NL__2PRFIN20060422_100724_000000372047_00065_21662_9248.N1	22-APR-2006 10:07:24	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	21662	No
146	GOM_NL__2PRFIN20060422_101516_000000342047_00065_21662_9249.N1	22-APR-2006 10:15:16	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	21662	No
147	GOM_NL__2PRFIN20060422_102259_000000402047_00065_21662_9250.N1	22-APR-2006 10:22:59	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	21662	No
148	GOM_NL__2PRFIN20060422_102417_000000332047_00065_21662_9251.N1	22-APR-2006 10:24:17	Bright	32.500	68	18Alp Cas	2.2250	4500.0	65	21662	No
149	GOM_NL__2PRFIN20060422_103242_000000382047_00065_21662_9252.N1	22-APR-2006 10:32:42	Bright	37.500	164	44Eta Peg	2.9480	5400.0	75	21662	No
150	GOM_NL__2PRFIN20060422_103651_000000412047_00065_21662_9253.N1	22-APR-2006 10:36:51	Twi_and_stray	40.500	90	54Alp Peg	2.4870	11000.	81	21662	No
151	GOM_NL__2PRFIN20060422_104922_000000422047_00065_21662_9254.N1	22-APR-2006 10:49:22	Dark	42.000	18	24Alp PsA	1.1660	9700.0	84	21662	No
152	GOM_NL__2PRFIN20060422_105308_000000412047_00065_21662_9255.N1	22-APR-2006 10:53:08	Dark	40.500	172	Gam Gru	3.0030	13100.	81	21662	No
153	GOM_NL__2PRFIN20060422_105459_000000412047_00065_21662_9256.N1	22-APR-2006 10:54:59	Dark	40.500	31	Alp Gru	1.7340	15200.	81	21662	No
154	GOM_NL__2PRFIN20060422_105758_000000392047_00065_21662_9257.N1	22-APR-2006 10:57:58	Dark	38.500	148	Alp Tuc	2.8780	4100.0	77	21662	No
155	GOM_NL__2PRFIN20060422_110012_000000412047_00066_21663_9235.N1	22-APR-2006 11:00:12	Dark	41.000	45	Alp Pav	1.9400	26000.	82	21663	No
156	GOM_NL__2PRFIN20060422_110719_000000432047_00066_21663_9236.N1	22-APR-2006 11:07:19	Dark	42.500	43	Alp TrA	1.9100	4250.0	85	21663	No
157	GOM_NL__2PRFIN20060422_110928_000000402047_00066_21663_9237.N1	22-APR-2006 11:09:28	Straylight	39.500	134	Bet TrA	2.8100	6600.0	79	21663	No
158	GOM_NL__2PRFIN20060422_111144_000000432047_00066_21663_9238.N1	22-APR-2006 11:11:44	Straylight	42.500	4	Alp1Cen	-0.010000	5800.0	85	21663	No
159	GOM_NL__2PRFIN20060422_111501_000000402047_00066_21663_9239.N1	22-APR-2006 11:15:01	Straylight	39.500	78	Alp Lup	2.3040	28000.	79	21663	No
160	GOM_NL__2PRFIN20060422_111636_000000412047_00066_21663_9240.N1	22-APR-2006 11:16:36	Straylight	40.500	81	Eta Cen	2.3560	28000.	81	21663	No

161	GOM_NL__2PRFIN20060422_111850_000000462047_00066_21663_9241.N1	22-APR-2006 11:18:50	Straylight	46.000	54	5The Cen	2.0550	4500.0	92	21663	No
162	GOM_NL__2PRFIN20060422_112343_000000402047_00066_21663_9242.N1	22-APR-2006 11:23:43	Bright	40.000	106	9Bet Crv	2.6480	5600.0	80	21663	No
163	GOM_NL__2PRFIN20060422_112647_000000412047_00066_21663_9243.N1	22-APR-2006 11:26:47	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	21663	No
164	GOM_NL__2PRFIN20060422_112949_000000372047_00066_21663_9244.N1	22-APR-2006 11:29:49	Bright	37.000	121	29Gam Vir	2.7400	7200.0	74	21663	No
165	GOM_NL__2PRFIN20060422_113322_000000372047_00066_21663_9245.N1	22-APR-2006 11:33:22	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	21663	No
166	GOM_NL__2PRFIN20060422_114118_000000362047_00066_21663_9246.N1	22-APR-2006 11:41:18	Bright	36.000	152	12Alp2CVn	2.8900	11000.	72	21663	No
167	GOM_NL__2PRFIN20060422_114529_000000352047_00066_21663_9247.N1	22-APR-2006 11:45:29	Bright	35.000	87	64Gam UMa	2.4330	11000.	70	21663	No
168	GOM_NL__2PRFIN20060422_114800_000000392047_00066_21663_9248.N1	22-APR-2006 11:48:00	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	21663	No
169	GOM_NL__2PRFIN20060422_115552_000000342047_00066_21663_9249.N1	22-APR-2006 11:55:52	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	21663	No
170	GOM_NL__2PRFIN20060422_120335_000000332047_00066_21663_9250.N1	22-APR-2006 12:03:35	Bright	33.000	76	27Gam Cas	2.3000	30000.	66	21663	No
171	GOM_NL__2PRFIN20060422_120453_000000332047_00066_21663_9251.N1	22-APR-2006 12:04:53	Bright	33.000	68	18Alp Cas	2.2250	4500.0	66	21663	No
172	GOM_NL__2PRFIN20060422_121318_000000402047_00066_21663_9252.N1	22-APR-2006 12:13:18	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	21663	No
173	GOM_NL__2PRFIN20060422_121727_000000422047_00066_21663_9253.N1	22-APR-2006 12:17:27	Twi_and_stray	41.500	90	54Alp Peg	2.4870	11000.	83	21663	No
174	GOM_NL__2PRFIN20060422_122959_000000432047_00066_21663_9254.N1	22-APR-2006 12:29:59	Dark	43.000	18	24Alp PsA	1.1660	9700.0	86	21663	No
175	GOM_NL__2PRFIN20060422_123344_000000412047_00066_21663_9255.N1	22-APR-2006 12:33:44	Dark	40.500	172	Gam Gru	3.0030	13100.	81	21663	No
176	GOM_NL__2PRFIN20060422_123535_000000432047_00066_21663_9256.N1	22-APR-2006 12:35:35	Dark	42.500	31	Alp Gru	1.7340	15200.	85	21663	No
177	GOM_NL__2PRFIN20060422_123835_000000402047_00066_21663_9257.N1	22-APR-2006 12:38:35	Dark	39.500	148	Alp Tuc	2.8780	4100.0	79	21663	No
178	GOM_NL__2PRFIN20060422_124049_000000402047_00067_21664_9235.N1	22-APR-2006 12:40:49	Dark	39.500	45	Alp Pav	1.9400	26000.	79	21664	No
179	GOM_NL__2PRFIN20060422_124755_000000402047_00067_21664_9236.N1	22-APR-2006 12:47:55	Dark	39.500	43	Alp TrA	1.9100	4250.0	79	21664	No
180	GOM_NL__2PRFIN20060422_125005_000000382047_00067_21664_9237.N1	22-APR-2006 12:50:05	Straylight	38.000	134	Bet TrA	2.8100	6600.0	76	21664	No
181	GOM_NL__2PRFIN20060422_125220_000000462047_00067_21664_9238.N1	22-APR-2006 12:52:20	Straylight	46.000	4	Alp1Cen	-0.010000	5800.0	92	21664	No
182	GOM_NL__2PRFIN20060422_125538_000000392047_00067_21664_9239.N1	22-APR-2006 12:55:38	Straylight	39.000	78	Alp Lup	2.3040	28000.	78	21664	No
183	GOM_NL__2PRFIN20060422_125712_000000402047_00067_21664_9240.N1	22-APR-2006 12:57:12	Straylight	40.000	81	Eta Cen	2.3560	28000.	80	21664	No
184	GOM_NL__2PRFIN20060422_125926_000000422047_00067_21664_9241.N1	22-APR-2006 12:59:26	Straylight	42.000	54	5The Cen	2.0550	4500.0	84	21664	No
185	GOM_NL__2PRFIN20060422_130419_000000412047_00067_21664_9242.N1	22-APR-2006 13:04:19	Bright	41.000	106	9Bet Crv	2.6480	5600.0	82	21664	No
186	GOM_NL__2PRFIN20060422_130723_000000422047_00067_21664_9243.N1	22-APR-2006 13:07:23	Bright	42.000	15	67Alp Vir	0.97600	28000.	84	21664	No
187	GOM_NL__2PRFIN20060422_131025_000000372047_00067_21664_9244.N1	22-APR-2006 13:10:25	Bright	36.500	121	29Gam Vir	2.7400	7200.0	73	21664	No
188	GOM_NL__2PRFIN20060422_131358_000000372047_00067_21664_9245.N1	22-APR-2006 13:13:58	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	21664	No
189	GOM_NL__2PRFIN20060422_132154_000000362047_00067_21664_9246.N1	22-APR-2006 13:21:54	Bright	35.500	152	12Alp2CVn	2.8900	11000.	71	21664	No
190	GOM_NL__2PRFIN20060422_132605_000000352047_00067_21664_9247.N1	22-APR-2006 13:26:05	Bright	34.500	87	64Gam UMa	2.4330	11000.	69	21664	No
191	GOM_NL__2PRFIN20060422_132836_000000352047_00067_21664_9248.N1	22-APR-2006 13:28:36	Bright	35.000	36	50Alp UMa	1.8000	6300.0	70	21664	No
192	GOM_NL__2PRFIN20060422_133628_000000362047_00067_21664_9249.N1	22-APR-2006 13:36:28	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	21664	No
193	GOM_NL__2PRFIN20060422_134411_000000442047_00067_21664_9250.N1	22-APR-2006 13:44:11	Bright	43.500	76	27Gam Cas	2.3000	30000.	87	21664	No
194	GOM_NL__2PRFIN20060422_134529_000000362047_00067_21664_9251.N1	22-APR-2006 13:45:29	Bright	36.000	68	18Alp Cas	2.2250	4500.0	72	21664	No
195	GOM_NL__2PRFIN20060422_135354_000000402047_00067_21664_9252.N1	22-APR-2006 13:53:54	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	21664	No
196	GOM_NL__2PRFIN20060422_135804_000000432047_00067_21664_9253.N1	22-APR-2006 13:58:04	Twi_and_stray	42.500	90	54Alp Peg	2.4870	11000.	85	21664	No
197	GOM_NL__2PRFIN20060422_141035_000000422047_00067_21664_9254.N1	22-APR-2006 14:10:35	Dark	41.500	18	24Alp PsA	1.1660	9700.0	83	21664	No
198	GOM_NL__2PRFIN20060422_141420_000000412047_00067_21664_9255.N1	22-APR-2006 14:14:20	Dark	40.500	172	Gam Gru	3.0030	13100.	81	21664	No
199	GOM_NL__2PRFIN20060422_141612_000000422047_00067_21664_9256.N1	22-APR-2006 14:16:12	Dark	42.000	31	Alp Gru	1.7340	15200.	84	21664	No
200	GOM_NL__2PRFIN20060422_141911_000000452047_00067_21664_9257.N1	22-APR-2006 14:19:11	Dark	44.500	148	Alp Tuc	2.8780	4100.0	89	21664	No
201	GOM_NL__2PRFIN20060422_142125_000000402047_00068_21665_9235.N1	22-APR-2006 14:21:25	Dark	39.500	45	Alp Pav	1.9400	26000.	79	21665	No
202	GOM_NL__2PRFIN20060422_142831_000000392047_00068_21665_9236.N1	22-APR-2006 14:28:31	Dark	38.500	43	Alp TrA	1.9100	4250.0	77	21665	No
203	GOM_NL__2PRFIN20060422_143041_000000392047_00068_21665_9237.N1	22-APR-2006 14:30:41	Straylight	38.500	134	Bet TrA	2.8100	6600.0	77	21665	No
204	GOM_NL__2PRFIN20060422_143256_000000502047_00068_21665_9238.N1	22-APR-2006 14:32:56	Straylight	50.000	4	Alp1Cen	-0.010000	5800.0	100	21665	No
205	GOM_NL__2PRFIN20060422_143614_000000412047_00068_21665_9239.N1	22-APR-2006 14:36:14	Straylight	40.500	78	Alp Lup	2.3040	28000.	81	21665	No
206	GOM_NL__2PRFIN20060422_143748_000000402047_00068_21665_9240.N1	22-APR-2006 14:37:48	Straylight	40.000	81	Eta Cen	2.3560	28000.	80	21665	No
207	GOM_NL__2PRFIN20060422_144002_000000472047_00068_21665_9241.N1	22-APR-2006 14:40:02	Straylight	46.500	54	5The Cen	2.0550	4500.0	93	21665	No
208	GOM_NL__2PRFIN20060422_144456_000000492047_00068_21665_9242.N1	22-APR-2006 14:44:56	Bright	48.500	106	9Bet Crv	2.6480	5600.0	97	21665	No
209	GOM_NL__2PRFIN20060422_144759_000000422047_00068_21665_9243.N1	22-APR-2006 14:47:59	Bright	41.500	15	67Alp Vir	0.97600	28000.	83	21665	No
210	GOM_NL__2PRFIN20060422_145101_000000372047_00068_21665_9244.N1	22-APR-2006 14:51:01	Bright	36.500	121	29Gam Vir	2.7400	7200.0	73	21665	No
211	GOM_NL__2PRFIN20060422_145434_000000382047_00068_21665_9245.N1	22-APR-2006 14:54:34	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	21665	No
212	GOM_NL__2PRFIN20060422_150229_000000352047_00068_21665_9246.N1	22-APR-2006 15:02:29	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	21665	No
213	GOM_NL__2PRFIN20060422_150641_000000372047_00068_21665_9247.N1	22-APR-2006 15:06:41	Bright	36.500	87	64Gam UMa	2.4330	11000.	73	21665	No
214	GOM_NL__2PRFIN20060422_150912_000000382047_00068_21665_9248.N1	22-APR-2006 15:09:12	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	21665	No
215	GOM_NL__2PRFIN20060422_151704_000000352047_00068_21665_9249.N1	22-APR-2006 15:17:04	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	21665	No
216	GOM_NL__2PRFIN20060422_152448_000000392047_00068_21665_9250.N1	22-APR-2006 15:24:48	Bright	39.000	76	27Gam Cas	2.3000	30000.	78	21665	No
217	GOM_NL__2PRFIN20060422_152605_000000382047_00068_21665_9251.N1	22-APR-2006 15:26:05	Bright	38.000	68	18Alp Cas	2.2250	4500.0	76	21665	No
218	GOM_NL__2PRFIN20060422_153430_000000402047_00068_21665_9252.N1	22-APR-2006 15:34:30	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	21665	No
219	GOM_NL__2PRFIN20060422_153840_000000402047_00068_21665_9253.N1	22-APR-2006 15:38:40	Twi_and_stray	40.000	90	54Alp Peg	2.4870	11000.	80	21665	No

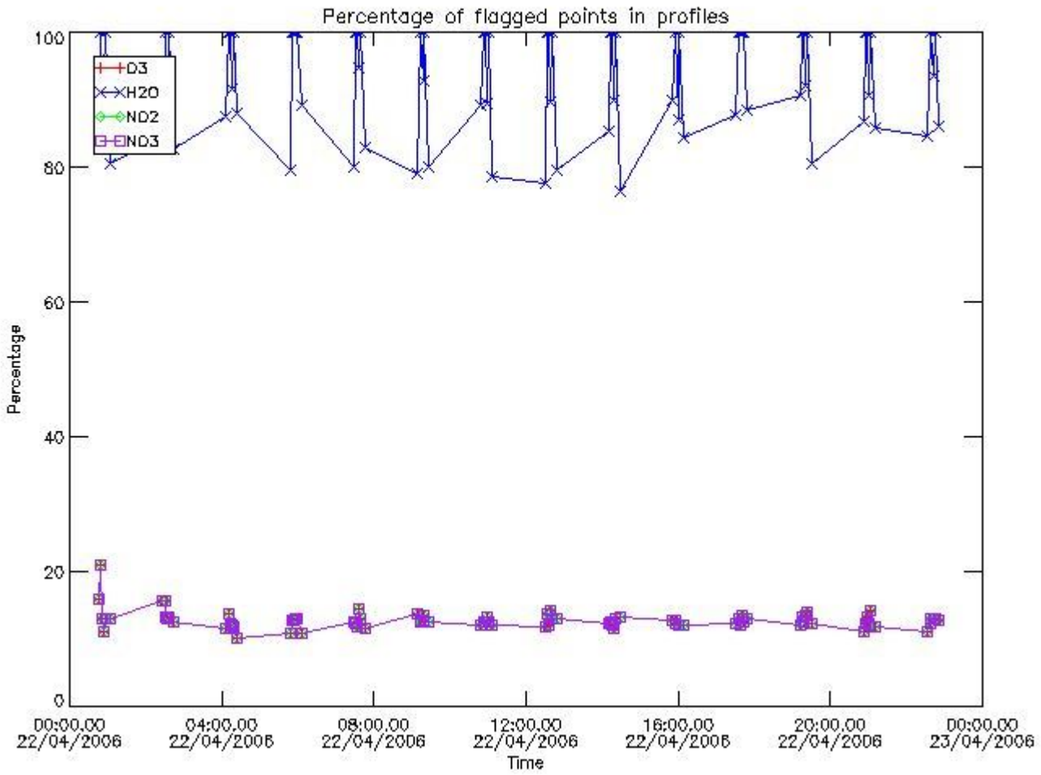
220	GOM_NL__2PRFIN20060422_155112_000000402047_00068_21665_9254.N1	22-APR-2006 15:51:12	Dark	40.000	18	24Alp PsA	1.1660	9700.0	80	21665	No
221	GOM_NL__2PRFIN20060422_155457_000000402047_00068_21665_9255.N1	22-APR-2006 15:54:57	Dark	40.000	172	Gam Gru	3.0030	13100.	80	21665	No
222	GOM_NL__2PRFIN20060422_155648_000000422047_00068_21665_9256.N1	22-APR-2006 15:56:48	Dark	41.500	31	Alp Gru	1.7340	15200.	83	21665	No
223	GOM_NL__2PRFIN20060422_155947_000000432047_00068_21665_9257.N1	22-APR-2006 15:59:47	Dark	42.500	148	Alp Tuc	2.8780	4100.0	85	21665	No
224	GOM_NL__2PRFIN20060422_160202_000000422047_00069_21666_9235.N1	22-APR-2006 16:02:02	Dark	42.000	45	Alp Pav	1.9400	26000.	84	21666	No
225	GOM_NL__2PRFIN20060422_160908_000000422047_00069_21666_9236.N1	22-APR-2006 16:09:08	Dark	42.000	43	Alp TrA	1.9100	4250.0	84	21666	No
226	GOM_NL__2PRFIN20060422_161117_000000392047_00069_21666_9237.N1	22-APR-2006 16:11:17	Straylight	38.500	134	Bet TrA	2.8100	6600.0	77	21666	No
227	GOM_NL__2PRFIN20060422_161333_000000472047_00069_21666_9238.N1	22-APR-2006 16:13:33	Straylight	47.000	4	Alp1Cen	-0.010000	5800.0	94	21666	No
228	GOM_NL__2PRFIN20060422_161651_000000422047_00069_21666_9239.N1	22-APR-2006 16:16:51	Straylight	42.000	78	Alp Lup	2.3040	28000.	84	21666	No
229	GOM_NL__2PRFIN20060422_161825_000000432047_00069_21666_9240.N1	22-APR-2006 16:18:25	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	21666	No
230	GOM_NL__2PRFIN20060422_162039_000000452047_00069_21666_9241.N1	22-APR-2006 16:20:39	Straylight	44.500	54	5The Cen	2.0550	4500.0	89	21666	No
231	GOM_NL__2PRFIN20060422_162532_000000422047_00069_21666_9242.N1	22-APR-2006 16:25:32	Bright	41.500	106	9Bet Crv	2.6480	5600.0	83	21666	No
232	GOM_NL__2PRFIN20060422_162835_000000422047_00069_21666_9243.N1	22-APR-2006 16:28:35	Bright	41.500	15	67Alp Vir	0.97600	28000.	83	21666	No
233	GOM_NL__2PRFIN20060422_163137_000000372047_00069_21666_9244.N1	22-APR-2006 16:31:37	Bright	36.500	121	29Gam Vir	2.7400	7200.0	73	21666	No
234	GOM_NL__2PRFIN20060422_163510_000000372047_00069_21666_9245.N1	22-APR-2006 16:35:10	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	21666	No
235	GOM_NL__2PRFIN20060422_164305_000000362047_00069_21666_9246.N1	22-APR-2006 16:43:05	Bright	36.000	152	12Alp2CVn	2.8900	11000.	72	21666	No
236	GOM_NL__2PRFIN20060422_164717_000000362047_00069_21666_9247.N1	22-APR-2006 16:47:17	Bright	35.500	87	64Gam UMa	2.4330	11000.	71	21666	No
237	GOM_NL__2PRFIN20060422_164948_000000352047_00069_21666_9248.N1	22-APR-2006 16:49:48	Bright	35.000	36	50Alp UMa	1.8000	6300.0	70	21666	No
238	GOM_NL__2PRFIN20060422_165740_000000362047_00069_21666_9249.N1	22-APR-2006 16:57:40	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	21666	No
239	GOM_NL__2PRFIN20060422_170524_000000402047_00069_21666_9250.N1	22-APR-2006 17:05:24	Bright	39.500	76	27Gam Cas	2.3000	30000.	79	21666	No
240	GOM_NL__2PRFIN20060422_170641_000000322047_00069_21666_9251.N1	22-APR-2006 17:06:41	Bright	32.000	68	18Alp Cas	2.2250	4500.0	64	21666	No
241	GOM_NL__2PRFIN20060422_171506_000000402047_00069_21666_9252.N1	22-APR-2006 17:15:06	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	21666	No
242	GOM_NL__2PRFIN20060422_171916_000000412047_00069_21666_9253.N1	22-APR-2006 17:19:16	Twi_and_stray	41.000	90	54Alp Peg	2.4870	11000.	82	21666	No
243	GOM_NL__2PRFIN20060422_173148_000000422047_00069_21666_9254.N1	22-APR-2006 17:31:48	Dark	41.500	18	24Alp PsA	1.1660	9700.0	83	21666	No
244	GOM_NL__2PRFIN20060422_173534_000000392047_00069_21666_9255.N1	22-APR-2006 17:35:34	Dark	39.000	172	Gam Gru	3.0030	13100.	78	21666	No
245	GOM_NL__2PRFIN20060422_173724_000000432047_00069_21666_9256.N1	22-APR-2006 17:37:24	Dark	42.500	31	Alp Gru	1.7340	15200.	85	21666	No
246	GOM_NL__2PRFIN20060422_174023_000000382047_00069_21666_9257.N1	22-APR-2006 17:40:23	Dark	37.500	148	Alp Tuc	2.8780	4100.0	75	21666	No
247	GOM_NL__2PRFIN20060422_174238_000000412047_00070_21667_9235.N1	22-APR-2006 17:42:38	Dark	41.000	45	Alp Pav	1.9400	26000.	82	21667	No
248	GOM_NL__2PRFIN20060422_174944_000000402047_00070_21667_9236.N1	22-APR-2006 17:49:44	Dark	39.500	43	Alp TrA	1.9100	4250.0	79	21667	No
249	GOM_NL__2PRFIN20060422_175154_000000392047_00070_21667_9237.N1	22-APR-2006 17:51:54	Straylight	39.000	134	Bet TrA	2.8100	6600.0	78	21667	No
250	GOM_NL__2PRFIN20060422_175409_000000442047_00070_21667_9238.N1	22-APR-2006 17:54:09	Straylight	43.500	4	Alp1Cen	-0.010000	5800.0	87	21667	No
251	GOM_NL__2PRFIN20060422_175727_000000412047_00070_21667_9239.N1	22-APR-2006 17:57:27	Straylight	41.000	78	Alp Lup	2.3040	28000.	82	21667	No
252	GOM_NL__2PRFIN20060422_175901_000000402047_00070_21667_9240.N1	22-APR-2006 17:59:01	Straylight	40.000	81	Eta Cen	2.3560	28000.	80	21667	No
253	GOM_NL__2PRFIN20060422_180115_000000452047_00070_21667_9241.N1	22-APR-2006 18:01:15	Straylight	44.500	54	5The Cen	2.0550	4500.0	89	21667	No
254	GOM_NL__2PRFIN20060422_180608_000000522047_00070_21667_9242.N1	22-APR-2006 18:06:08	Bright	52.000	106	9Bet Crv	2.6480	5600.0	104	21667	No
255	GOM_NL__2PRFIN20060422_180912_000000422047_00070_21667_9243.N1	22-APR-2006 18:09:12	Bright	41.500	15	67Alp Vir	0.97600	28000.	83	21667	No
256	GOM_NL__2PRFIN20060422_181214_000000362047_00070_21667_9244.N1	22-APR-2006 18:12:14	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	21667	No
257	GOM_NL__2PRFIN20060422_181546_000000372047_00070_21667_9245.N1	22-APR-2006 18:15:46	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	21667	No
258	GOM_NL__2PRFIN20060422_182341_000000372047_00070_21667_9246.N1	22-APR-2006 18:23:41	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	21667	No
259	GOM_NL__2PRFIN20060422_182753_000000352047_00070_21667_9247.N1	22-APR-2006 18:27:53	Bright	34.500	87	64Gam UMa	2.4330	11000.	69	21667	No
260	GOM_NL__2PRFIN20060422_183024_000000392047_00070_21667_9248.N1	22-APR-2006 18:30:24	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	21667	No
261	GOM_NL__2PRFIN20060422_183816_000000362047_00070_21667_9249.N1	22-APR-2006 18:38:16	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	21667	No
262	GOM_NL__2PRFIN20060422_184600_000000392047_00070_21667_9250.N1	22-APR-2006 18:46:00	Bright	38.500	76	27Gam Cas	2.3000	30000.	77	21667	No
263	GOM_NL__2PRFIN20060422_184717_000000362047_00070_21667_9251.N1	22-APR-2006 18:47:17	Bright	35.500	68	18Alp Cas	2.2250	4500.0	71	21667	No
264	GOM_NL__2PRFIN20060422_185542_000000392047_00070_21667_9252.N1	22-APR-2006 18:55:42	Bright	39.000	164	44Eta Peg	2.9480	5400.0	78	21667	No
265	GOM_NL__2PRFIN20060422_185952_000000432047_00070_21667_9253.N1	22-APR-2006 18:59:52	Twi_and_stray	42.500	90	54Alp Peg	2.4870	11000.	85	21667	No
266	GOM_NL__2PRFIN20060422_191224_000000432047_00070_21667_9254.N1	22-APR-2006 19:12:24	Dark	42.500	18	24Alp PsA	1.1660	9700.0	85	21667	No
267	GOM_NL__2PRFIN20060422_191610_000000392047_00070_21667_9255.N1	22-APR-2006 19:16:10	Dark	38.500	172	Gam Gru	3.0030	13100.	77	21667	No
268	GOM_NL__2PRFIN20060422_191801_000000412047_00070_21667_9256.N1	22-APR-2006 19:18:01	Dark	41.000	31	Alp Gru	1.7340	15200.	82	21667	No
269	GOM_NL__2PRFIN20060422_192100_000000382047_00070_21667_9257.N1	22-APR-2006 19:21:00	Dark	38.000	148	Alp Tuc	2.8780	4100.0	76	21667	No
270	GOM_NL__2PRFIN20060422_192315_000000402047_00071_21668_9255.N1	22-APR-2006 19:23:15	Dark	40.000	45	Alp Pav	1.9400	26000.	80	21668	No
271	GOM_NL__2PRFIN20060422_193021_000000422047_00071_21668_9256.N1	22-APR-2006 19:30:21	Dark	41.500	43	Alp TrA	1.9100	4250.0	83	21668	No
272	GOM_NL__2PRFIN20060422_193230_000000382047_00071_21668_9257.N1	22-APR-2006 19:32:30	Straylight	37.500	134	Bet TrA	2.8100	6600.0	75	21668	No
273	GOM_NL__2PRFIN20060422_193445_000000502047_00071_21668_9258.N1	22-APR-2006 19:34:45	Straylight	50.000	4	Alp1Cen	-0.010000	5800.0	100	21668	No
274	GOM_NL__2PRFIN20060422_193803_000000402047_00071_21668_9259.N1	22-APR-2006 19:38:03	Straylight	39.500	78	Alp Lup	2.3040	28000.	79	21668	No
275	GOM_NL__2PRFIN20060422_193938_000000452047_00071_21668_9260.N1	22-APR-2006 19:39:38	Straylight	44.500	81	Eta Cen	2.3560	28000.	89	21668	No
276	GOM_NL__2PRFIN20060422_194151_000000452047_00071_21668_9261.N1	22-APR-2006 19:41:51	Straylight	44.500	54	5The Cen	2.0550	4500.0	89	21668	No
277	GOM_NL__2PRFIN20060422_194620_000000402047_00071_21668_9262.N1	22-APR-2006 19:46:20	Twi_and_stray	40.000	169	46Gam Hya	2.9910	4700.0	80	21668	No
278	GOM_NL__2PRFIN20060422_194948_000000412047_00071_21668_9263.N1	22-APR-2006 19:49:48	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	21668	No

279	GOM_NL__2PRFIN20060422_195250_000000362047_00071_21668_9264.N1	22-APR-2006 19:52:50	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	21668	No
280	GOM_NL__2PRFIN20060422_195622_000000372047_00071_21668_9265.N1	22-APR-2006 19:56:22	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	21668	No
281	GOM_NL__2PRFIN20060422_200417_000000372047_00071_21668_9266.N1	22-APR-2006 20:04:17	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	21668	No
282	GOM_NL__2PRFIN20060422_200829_000000352047_00071_21668_9267.N1	22-APR-2006 20:08:29	Bright	34.500	87	64Gam UMa	2.4330	11000.	69	21668	No
283	GOM_NL__2PRFIN20060422_201101_000000362047_00071_21668_9268.N1	22-APR-2006 20:11:01	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	21668	No
284	GOM_NL__2PRFIN20060422_201851_000000362047_00071_21668_9269.N1	22-APR-2006 20:18:51	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	21668	No
285	GOM_NL__2PRFIN20060422_202636_000000332047_00071_21668_9270.N1	22-APR-2006 20:26:36	Bright	32.500	76	27Gam Cas	2.3000	30000.	65	21668	No
286	GOM_NL__2PRFIN20060422_202753_000000332047_00071_21668_9271.N1	22-APR-2006 20:27:53	Bright	32.500	68	18Alp Cas	2.2250	4500.0	65	21668	No
287	GOM_NL__2PRFIN20060422_203618_000000392047_00071_21668_9272.N1	22-APR-2006 20:36:18	Bright	38.500	164	44Eta Peg	2.9480	5400.0	77	21668	No
288	GOM_NL__2PRFIN20060422_204029_000000382047_00071_21668_9273.N1	22-APR-2006 20:40:29	Twi_and_stray	38.000	90	54Alp Peg	2.4870	11000.	76	21668	No
289	GOM_NL__2PRFIN20060422_205300_000000462047_00071_21668_9274.N1	22-APR-2006 20:53:00	Dark	45.500	18	24Alp PsA	1.1660	9700.0	91	21668	No
290	GOM_NL__2PRFIN20060422_205647_000000422047_00071_21668_9275.N1	22-APR-2006 20:56:47	Dark	41.500	172	Gam Gru	3.0030	13100.	83	21668	No
291	GOM_NL__2PRFIN20060422_205837_000000392047_00071_21668_9276.N1	22-APR-2006 20:58:37	Dark	38.500	31	Alp Gru	1.7340	15200.	77	21668	No
292	GOM_NL__2PRFIN20060422_210136_000000432047_00071_21668_9277.N1	22-APR-2006 21:01:36	Dark	42.500	148	Alp Tuc	2.8780	4100.0	85	21668	No
293	GOM_NL__2PRFIN20060422_210352_000000402047_00072_21669_9255.N1	22-APR-2006 21:03:52	Dark	39.500	45	Alp Pav	1.9400	26000.	79	21669	No
294	GOM_NL__2PRFIN20060422_211057_000000432047_00072_21669_9256.N1	22-APR-2006 21:10:57	Dark	43.000	43	Alp TrA	1.9100	4250.0	86	21669	No
295	GOM_NL__2PRFIN20060422_211306_000000382047_00072_21669_9257.N1	22-APR-2006 21:13:06	Straylight	37.500	134	Bet TrA	2.8100	6600.0	75	21669	No
296	GOM_NL__2PRFIN20060422_211521_000000502047_00072_21669_9258.N1	22-APR-2006 21:15:21	Straylight	49.500	4	Alp1Cen	-0.010000	5800.0	99	21669	No
297	GOM_NL__2PRFIN20060422_211839_000000442047_00072_21669_9259.N1	22-APR-2006 21:18:39	Straylight	44.000	78	Alp Lup	2.3040	28000.	88	21669	No
298	GOM_NL__2PRFIN20060422_212014_000000442047_00072_21669_9260.N1	22-APR-2006 21:20:14	Straylight	44.000	81	Eta Cen	2.3560	28000.	88	21669	No
299	GOM_NL__2PRFIN20060422_212227_000000422047_00072_21669_9261.N1	22-APR-2006 21:22:27	Straylight	42.000	54	5The Cen	2.0550	4500.0	84	21669	No
300	GOM_NL__2PRFIN20060422_212656_000000422047_00072_21669_9262.N1	22-APR-2006 21:26:56	Twi_and_stray	41.500	169	46Gam Hya	2.9910	4700.0	83	21669	No
301	GOM_NL__2PRFIN20060422_213024_000000382047_00072_21669_9263.N1	22-APR-2006 21:30:24	Bright	38.000	15	67Alp Vir	0.97600	28000.	76	21669	No
302	GOM_NL__2PRFIN20060422_213326_000000362047_00072_21669_9264.N1	22-APR-2006 21:33:26	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	21669	No
303	GOM_NL__2PRFIN20060422_213658_000000372047_00072_21669_9265.N1	22-APR-2006 21:36:58	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	21669	No
304	GOM_NL__2PRFIN20060422_214453_000000372047_00072_21669_9266.N1	22-APR-2006 21:44:53	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	21669	No
305	GOM_NL__2PRFIN20060422_214905_000000352047_00072_21669_9267.N1	22-APR-2006 21:49:05	Bright	35.000	87	64Gam UMa	2.4330	11000.	70	21669	No
306	GOM_NL__2PRFIN20060422_215137_000000382047_00072_21669_9268.N1	22-APR-2006 21:51:37	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	21669	No
307	GOM_NL__2PRFIN20060422_215927_000000362047_00072_21669_9269.N1	22-APR-2006 21:59:27	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	21669	No
308	GOM_NL__2PRFIN20060422_220712_000000342047_00072_21669_9270.N1	22-APR-2006 22:07:12	Bright	33.500	76	27Gam Cas	2.3000	30000.	67	21669	No
309	GOM_NL__2PRFIN20060422_220829_000000332047_00072_21669_9271.N1	22-APR-2006 22:08:29	Bright	32.500	68	18Alp Cas	2.2250	4500.0	65	21669	No
310	GOM_NL__2PRFIN20060422_221654_000000402047_00072_21669_9272.N1	22-APR-2006 22:16:54	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	21669	No
311	GOM_NL__2PRFIN20060422_222105_000000402047_00072_21669_9273.N1	22-APR-2006 22:21:05	Twi_and_stray	40.000	90	54Alp Peg	2.4870	11000.	80	21669	No
312	GOM_NL__2PRFIN20060422_223337_000000462047_00072_21669_9274.N1	22-APR-2006 22:33:37	Dark	46.000	18	24Alp PsA	1.1660	9700.0	92	21669	No
313	GOM_NL__2PRFIN20060422_223723_000000392047_00072_21669_9275.N1	22-APR-2006 22:37:23	Dark	39.000	172	Gam Gru	3.0030	13100.	78	21669	No
314	GOM_NL__2PRFIN20060422_223914_000000422047_00072_21669_9276.N1	22-APR-2006 22:39:14	Dark	41.500	31	Alp Gru	1.7340	15200.	83	21669	No
315	GOM_NL__2PRFIN20060422_224212_000000392047_00072_21669_9277.N1	22-APR-2006 22:42:12	Dark	39.000	148	Alp Tuc	2.8780	4100.0	78	21669	No
316	GOM_NL__2PRFIN20060422_224428_000000402047_00073_21670_9255.N1	22-APR-2006 22:44:28	Dark	39.500	45	Alp Pav	1.9400	26000.	79	21670	No
317	GOM_NL__2PRFIN20060422_225133_000000402047_00073_21670_9256.N1	22-APR-2006 22:51:33	Dark	40.000	43	Alp TrA	1.9100	4250.0	80	21670	No
318	GOM_NL__2PRFIN20060422_225343_000000392047_00073_21670_9257.N1	22-APR-2006 22:53:43	Straylight	38.500	134	Bet TrA	2.8100	6600.0	77	21670	No
319	GOM_NL__2PRFIN20060422_225557_000000522047_00073_21670_9258.N1	22-APR-2006 22:55:57	Straylight	52.000	4	Alp1Cen	-0.010000	5800.0	104	21670	No
320	GOM_NL__2PRFIN20060422_225916_000000412047_00073_21670_9259.N1	22-APR-2006 22:59:16	Straylight	41.000	78	Alp Lup	2.3040	28000.	82	21670	No
321	GOM_NL__2PRFIN20060422_230050_000000442047_00073_21670_9260.N1	22-APR-2006 23:00:50	Straylight	43.500	81	Eta Cen	2.3560	28000.	87	21670	No
322	GOM_NL__2PRFIN20060422_230304_000000452047_00073_21670_9261.N1	22-APR-2006 23:03:04	Straylight	45.000	54	5The Cen	2.0550	4500.0	90	21670	No
323	GOM_NL__2PRFIN20060422_230732_000000422047_00073_21670_9262.N1	22-APR-2006 23:07:32	Twi_and_stray	41.500	169	46Gam Hya	2.9910	4700.0	83	21670	No
324	GOM_NL__2PRFIN20060422_231100_000000402047_00073_21670_9263.N1	22-APR-2006 23:11:00	Bright	40.000	15	67Alp Vir	0.97600	28000.	80	21670	No
325	GOM_NL__2PRFIN20060422_231402_000000372047_00073_21670_9264.N1	22-APR-2006 23:14:02	Bright	36.500	121	29Gam Vir	2.7400	7200.0	73	21670	No
326	GOM_NL__2PRFIN20060422_231733_000000372047_00073_21670_9265.N1	22-APR-2006 23:17:33	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	21670	No
327	GOM_NL__2PRFIN20060422_232528_000000362047_00073_21670_9266.N1	22-APR-2006 23:25:28	Bright	35.500	152	12Alp2CVn	2.8900	11000.	71	21670	No
328	GOM_NL__2PRFIN20060422_232941_000000332047_00073_21670_9267.N1	22-APR-2006 23:29:41	Bright	33.000	87	64Gam UMa	2.4330	11000.	66	21670	No
329	GOM_NL__2PRFIN20060422_233213_000000352047_00073_21670_9268.N1	22-APR-2006 23:32:13	Bright	35.000	36	50Alp UMa	1.8000	6300.0	70	21670	No
330	GOM_NL__2PRFIN20060422_234003_000000362047_00073_21670_9269.N1	22-APR-2006 23:40:03	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	21670	No
331	GOM_NL__2PRFIN20060422_234748_000000402047_00073_21670_9270.N1	22-APR-2006 23:47:48	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	21670	No
332	GOM_NL__2PRFIN20060422_234906_000000412047_00073_21670_9271.N1	22-APR-2006 23:49:06	Bright	40.500	68	18Alp Cas	2.2250	4500.0	81	21670	No
333	GOM_NL__2PRFIN20060422_235730_000000372047_00073_21670_9272.N1	22-APR-2006 23:57:30	Bright	37.000	164	44Eta Peg	2.9480	5400.0	74	21670	No

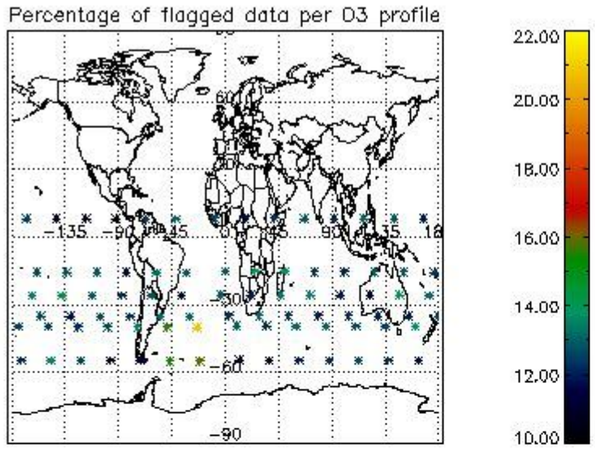
3. Quality information per product

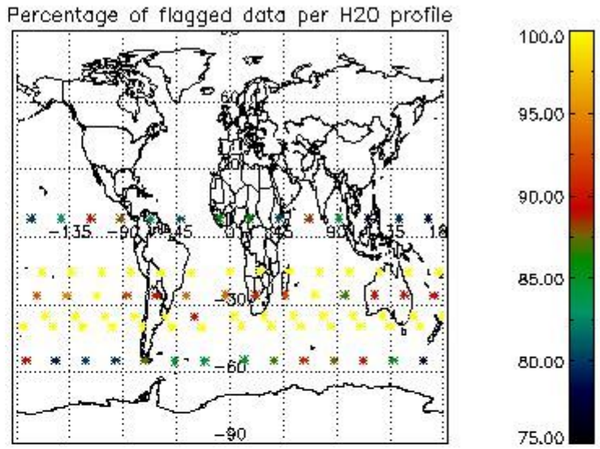
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

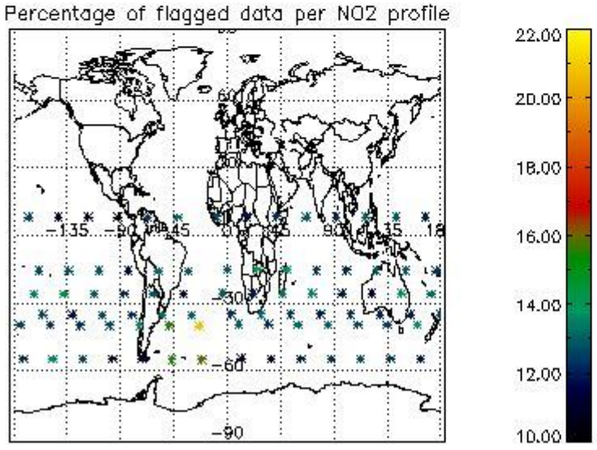
3.1 Plot quality information per product (time dependant)

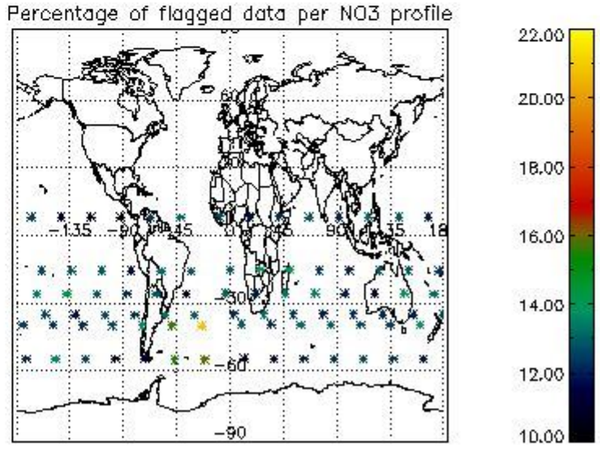


3.2 Plot quality information per product (world map)







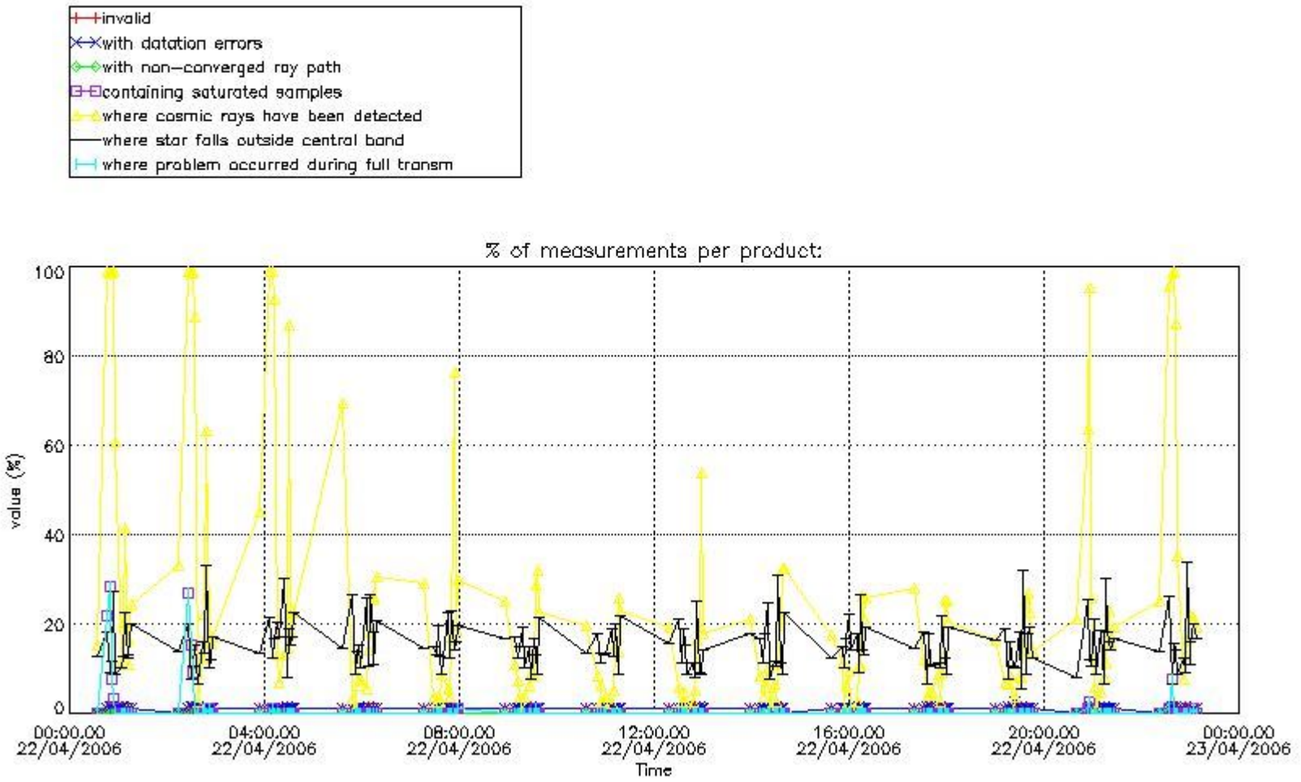


4. Level 1 quality information per product

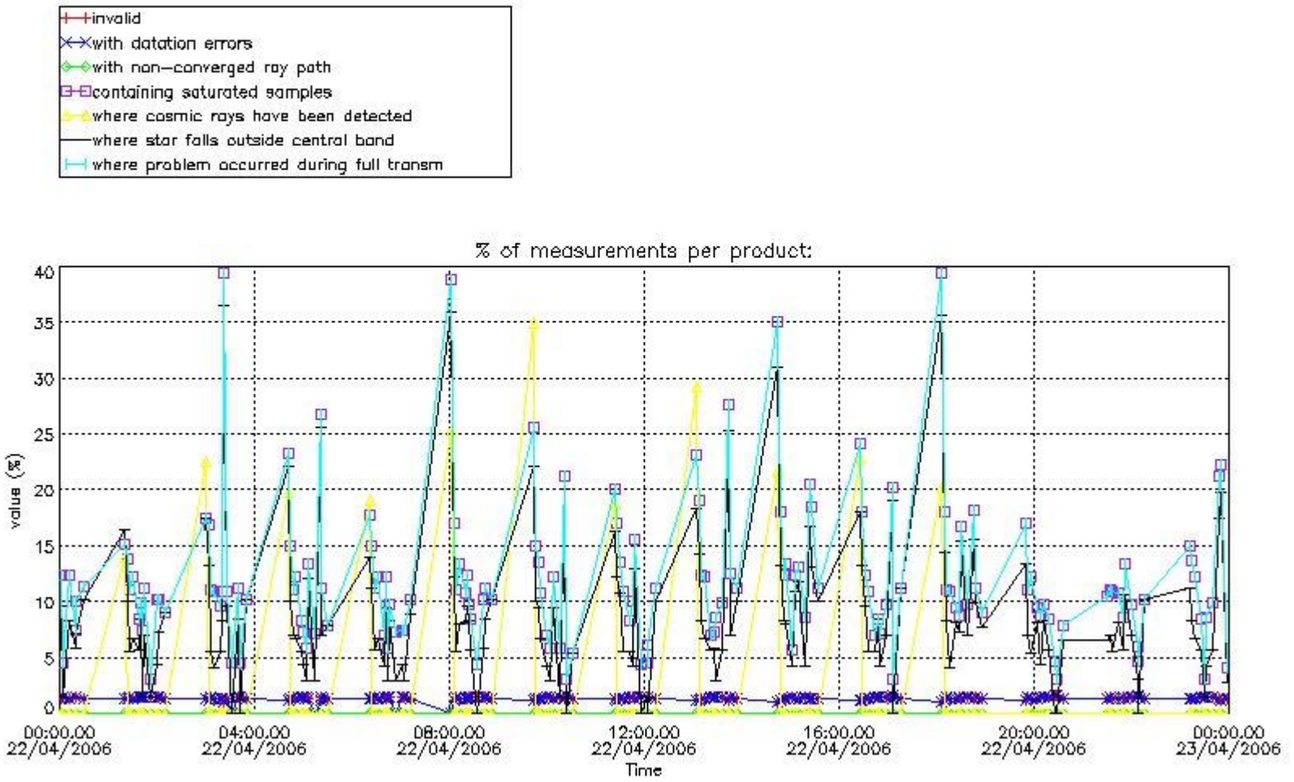
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processsing. Products without errors (error flag in the MPH set to "0") are used.

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

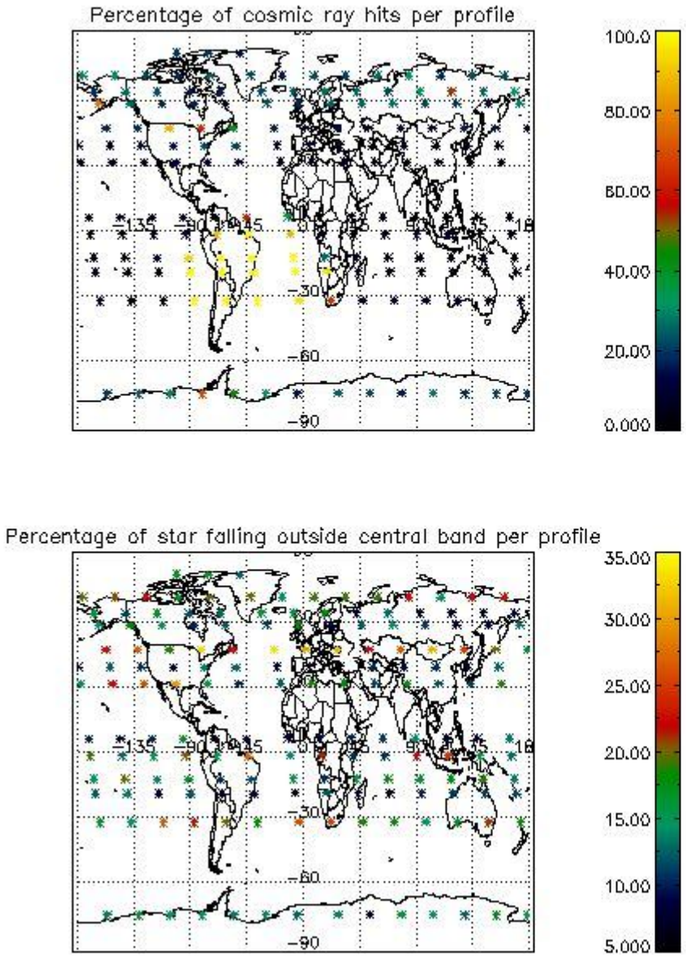


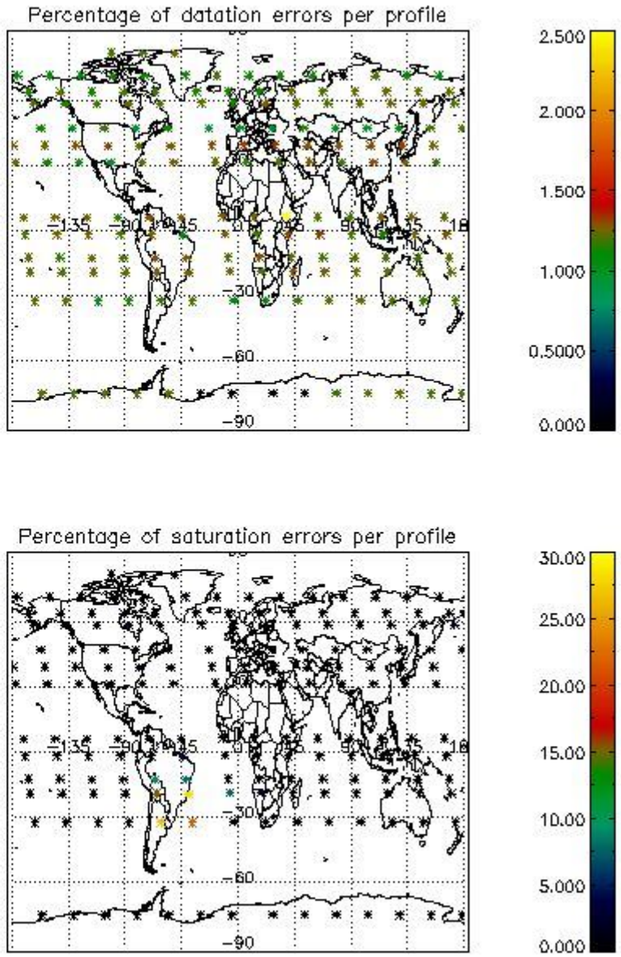
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



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

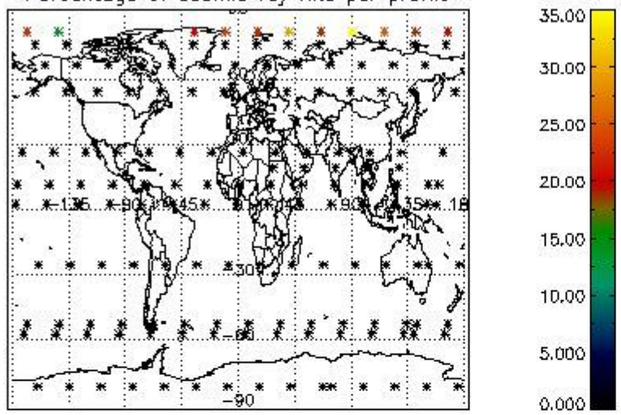
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes



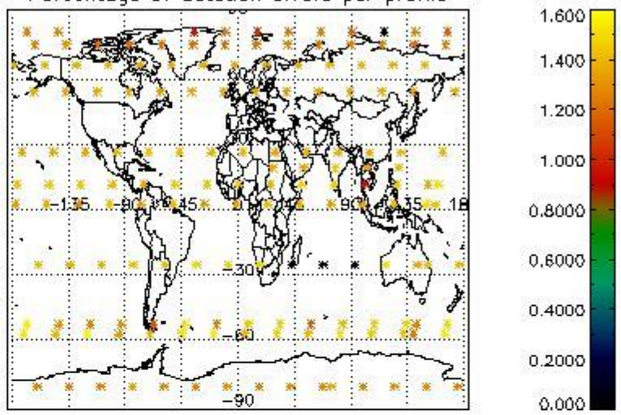


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

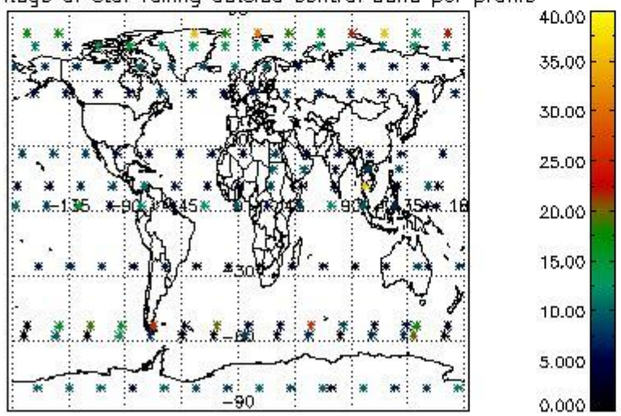
Percentage of cosmic ray hits per profile



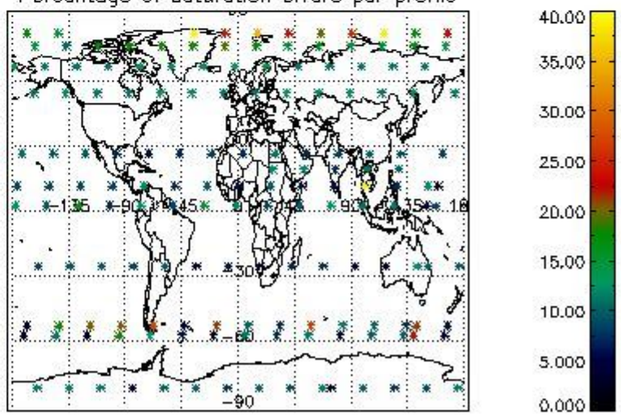
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

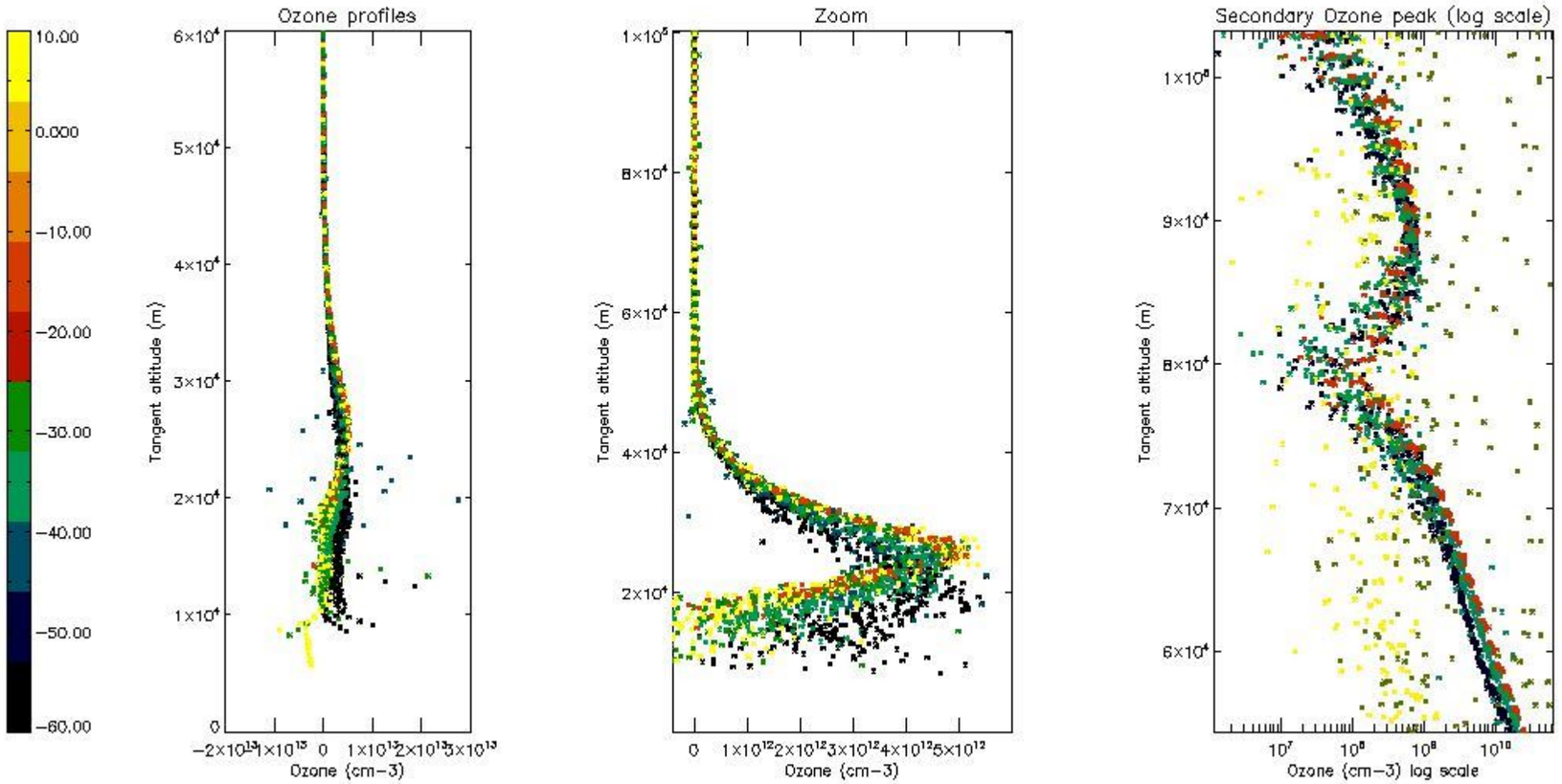
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	27
STD < 20	14

STD < 10	11
STD < 5	7

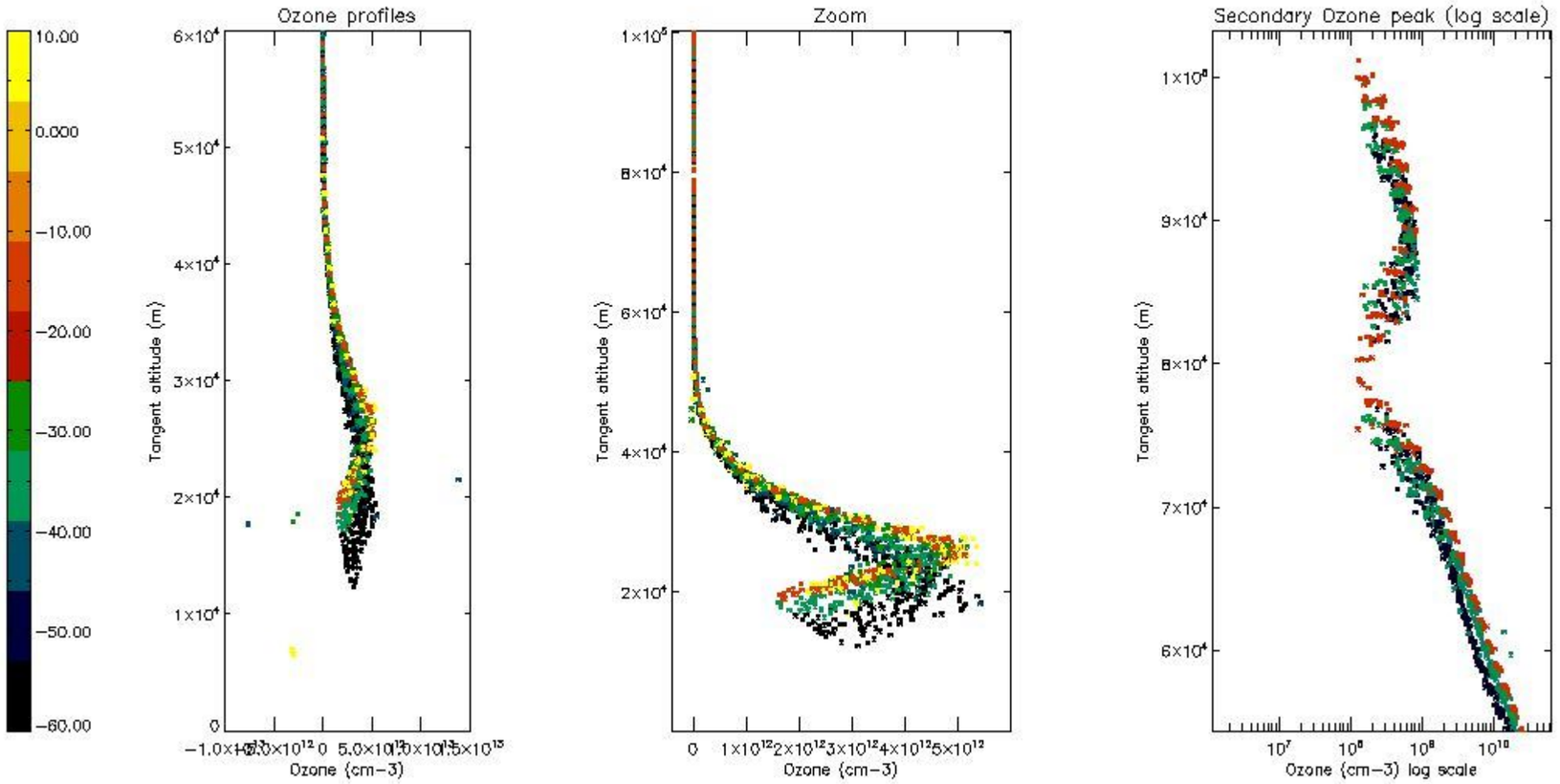
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



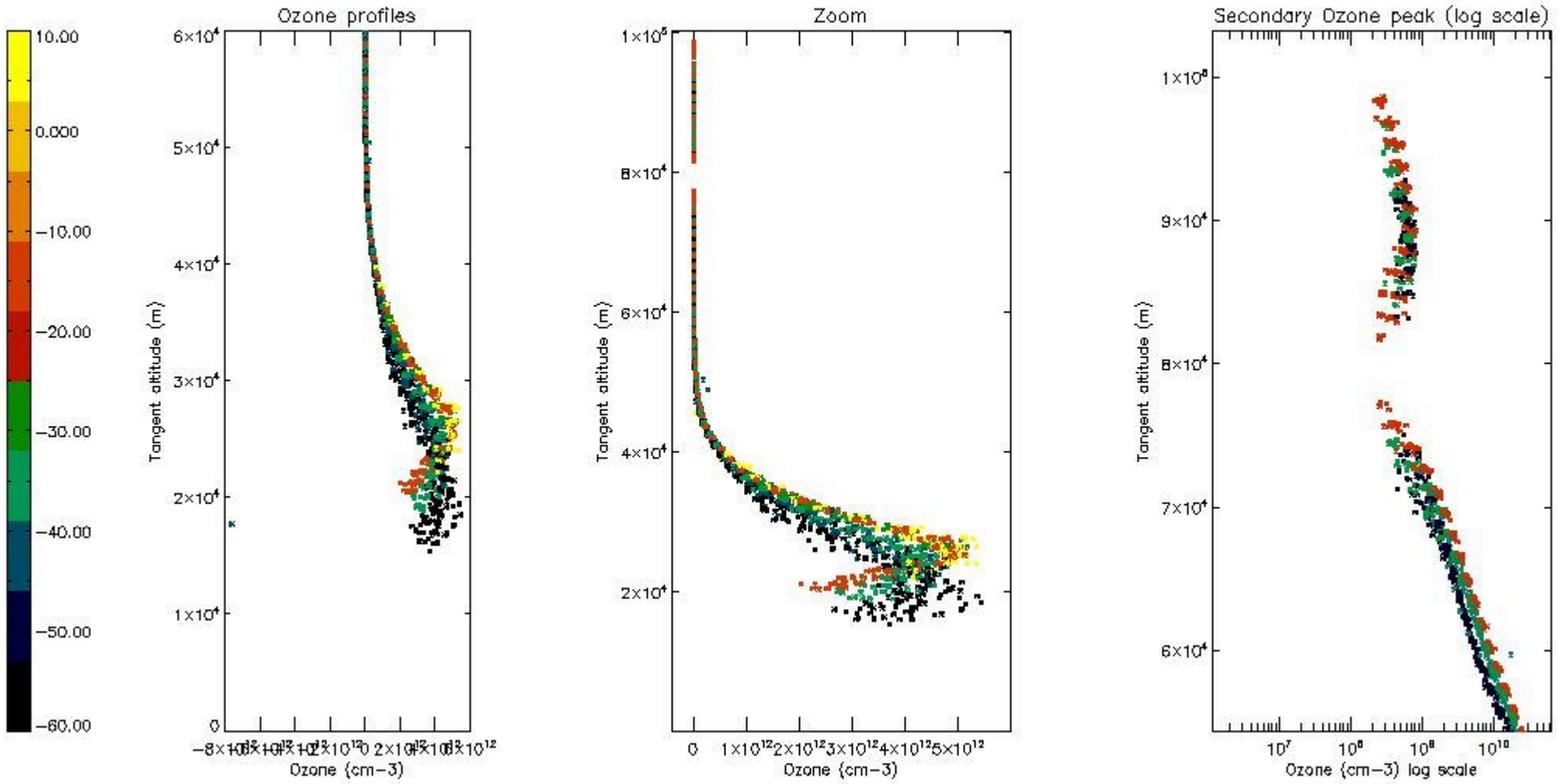
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



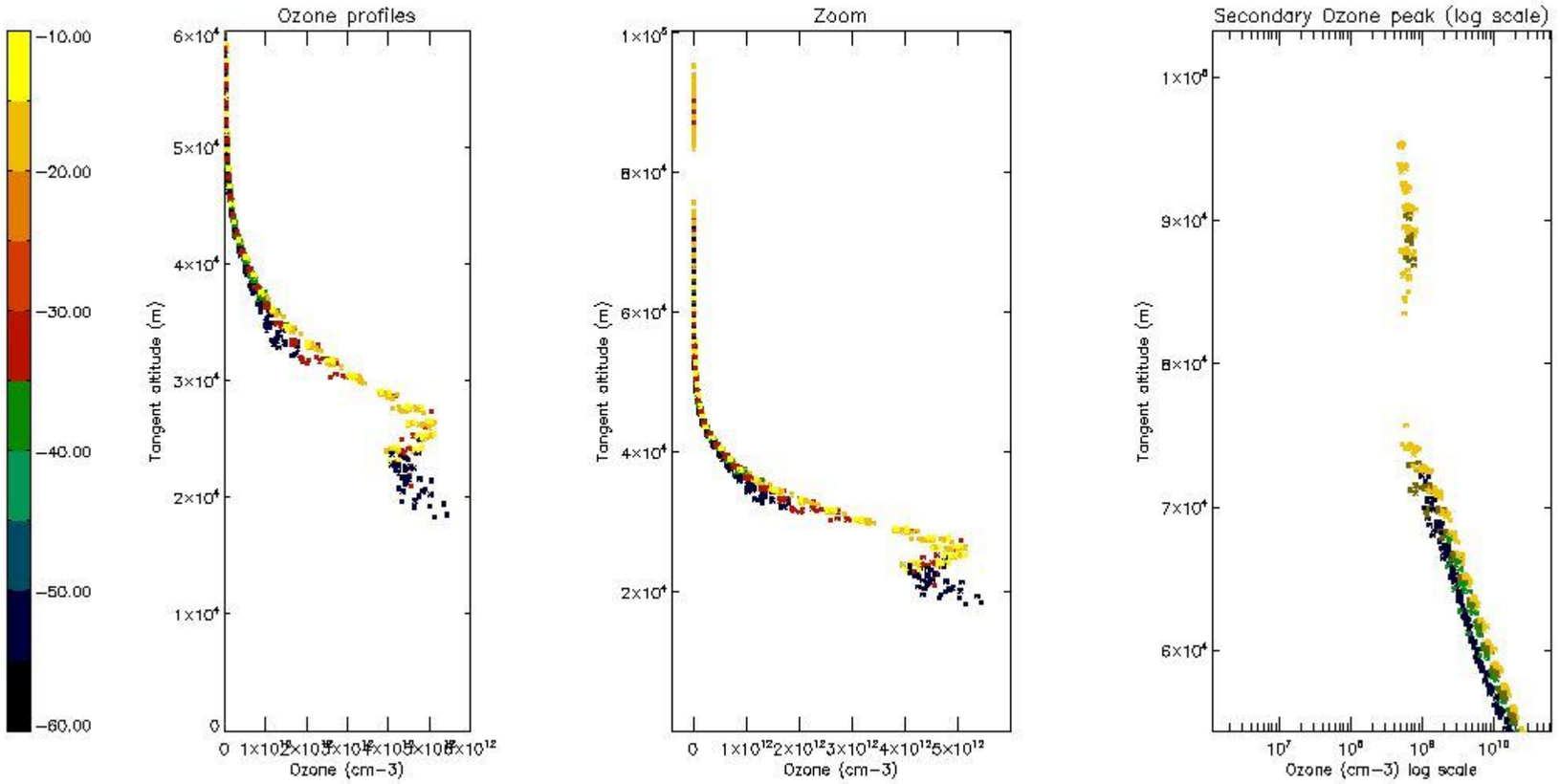
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



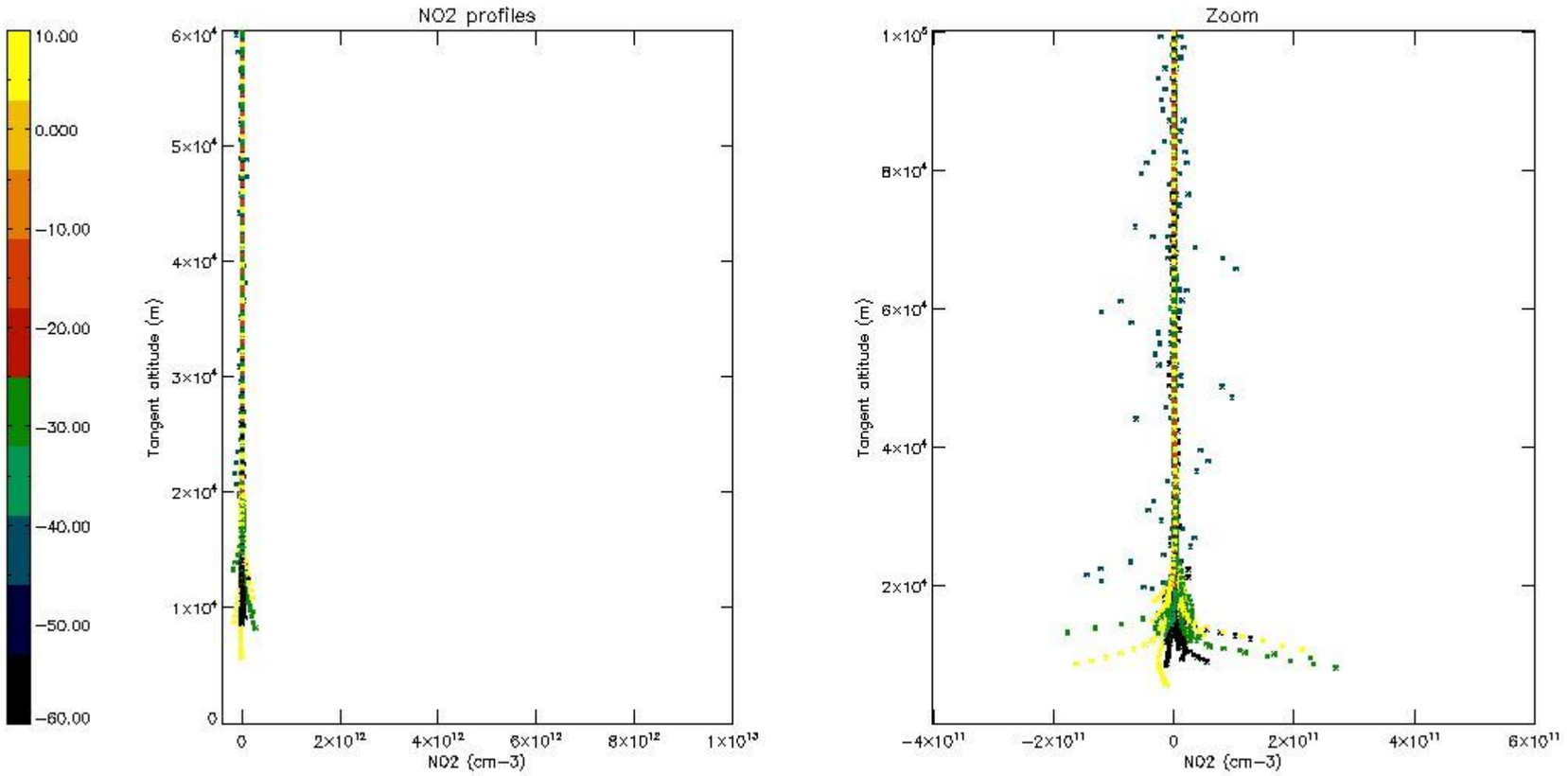
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



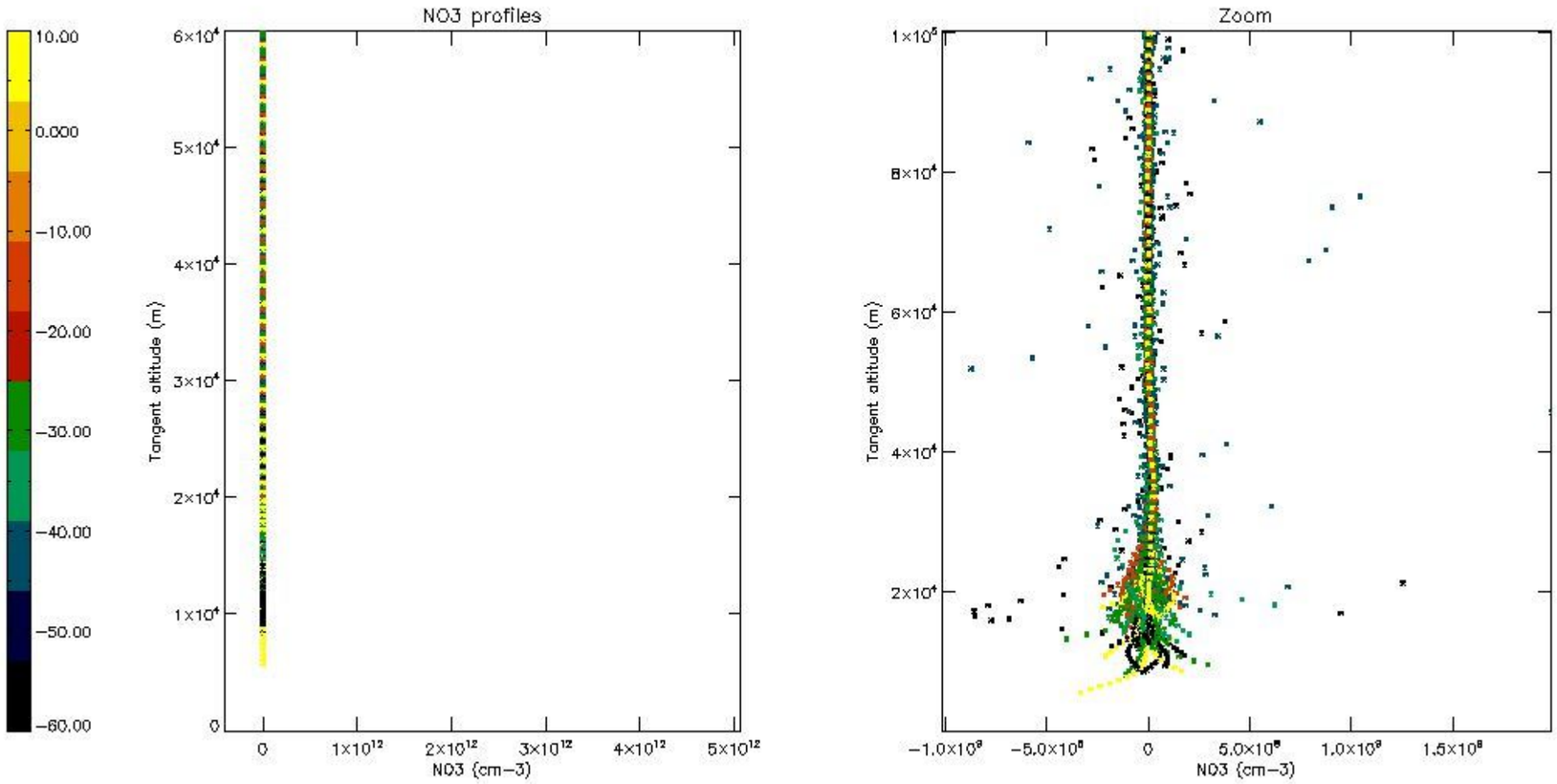
5.6 Plot NO2 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

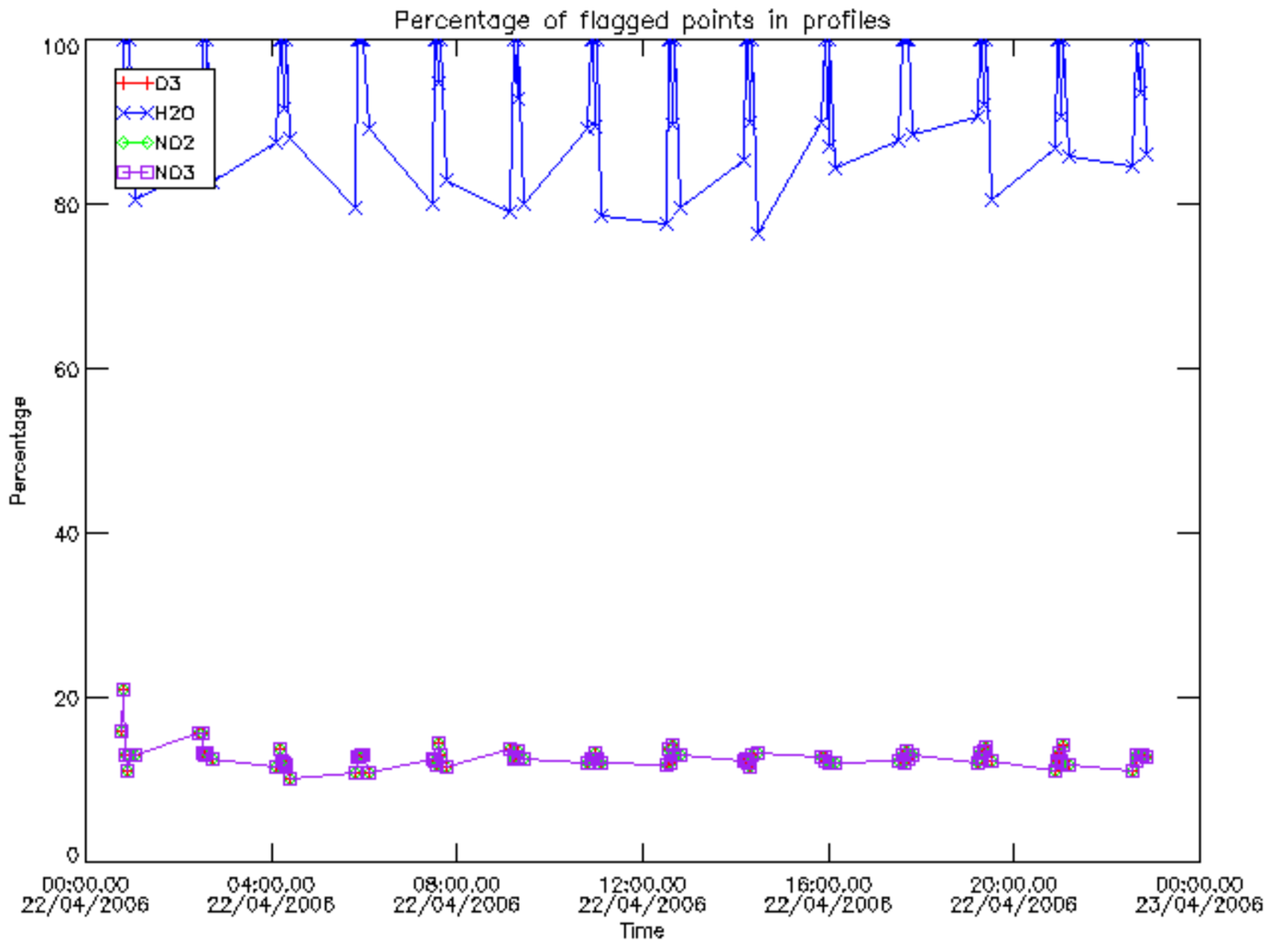
The colorbar represents the latitude.



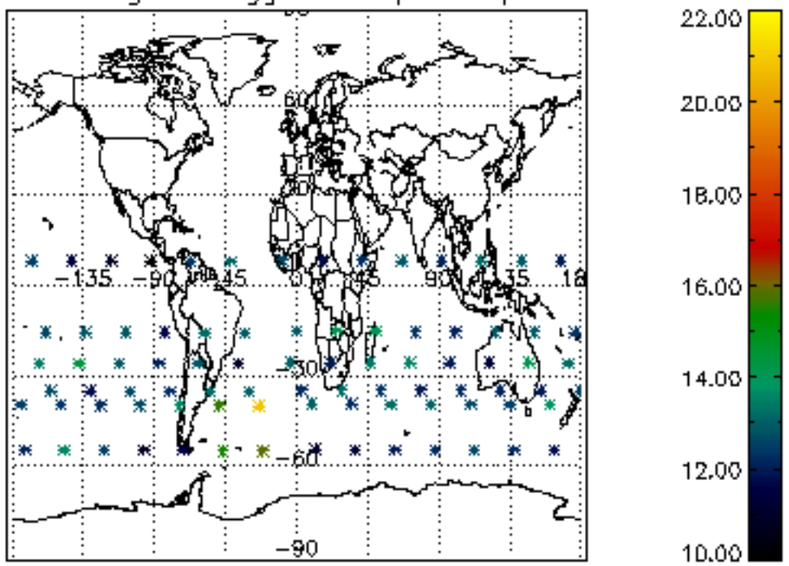
6. Auxiliary Data Files used for the production reported in section 2

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.

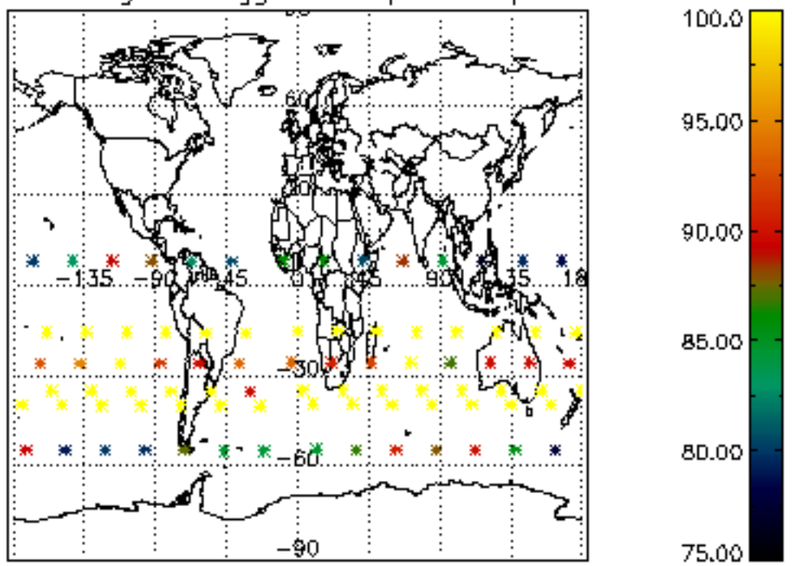
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	22-APR-2006 00:01:17
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	22-APR-2006 00:01:17
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	22-APR-2006 00:01:17


Percentage of flagged points in profiles
O3
H2O
NO2
NO3
100
80
60
40
20
0
Percentage
00:00.00
22/04/2006
04:00.00
22/04/2006
08:00.00
22/04/2006
12:00.00
22/04/2006
16:00.00
22/04/2006
20:00.00
22/04/2006
00:00.00
23/04/2006
Time

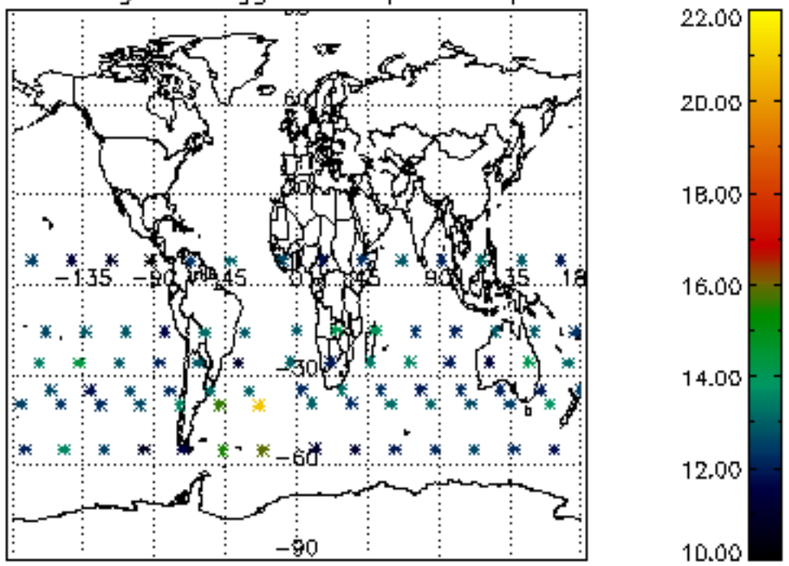
Percentage of flagged data per O3 profile



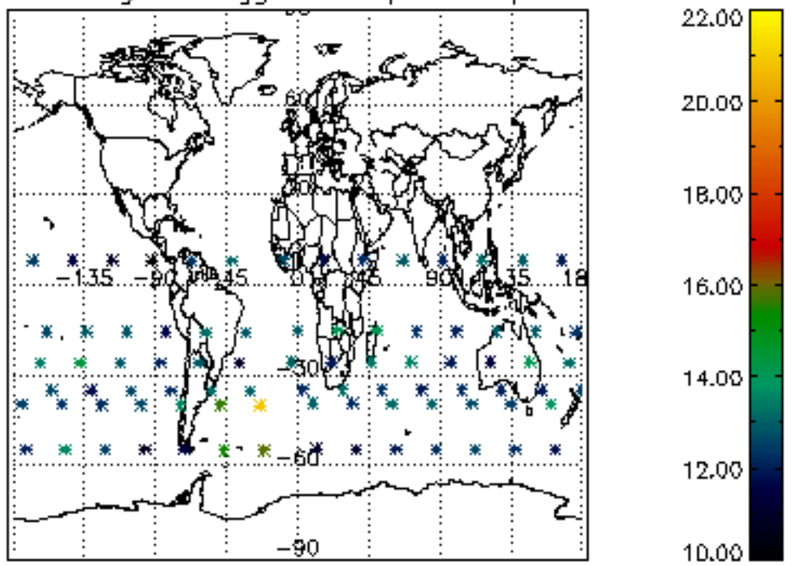
Percentage of flagged data per H2O profile

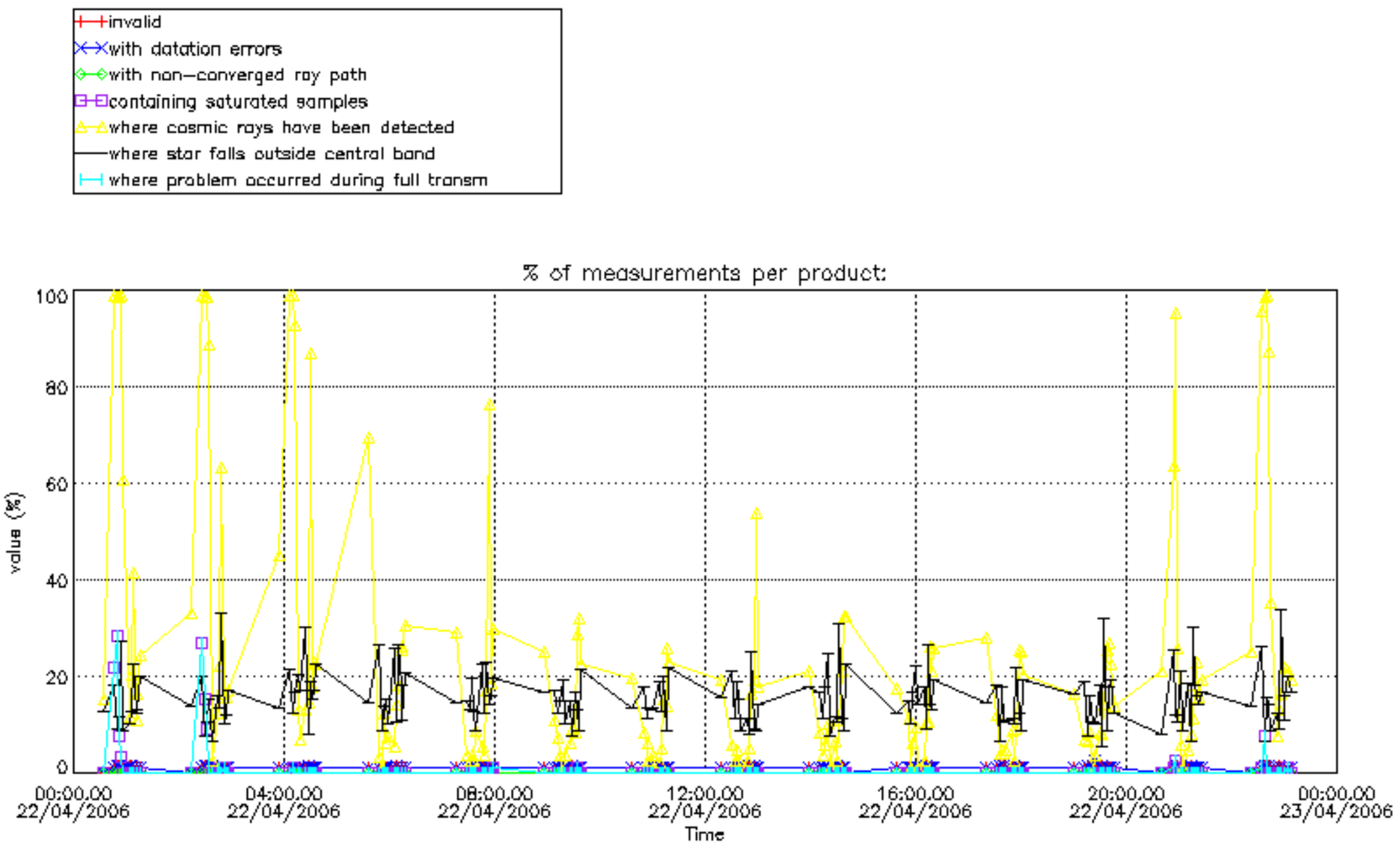


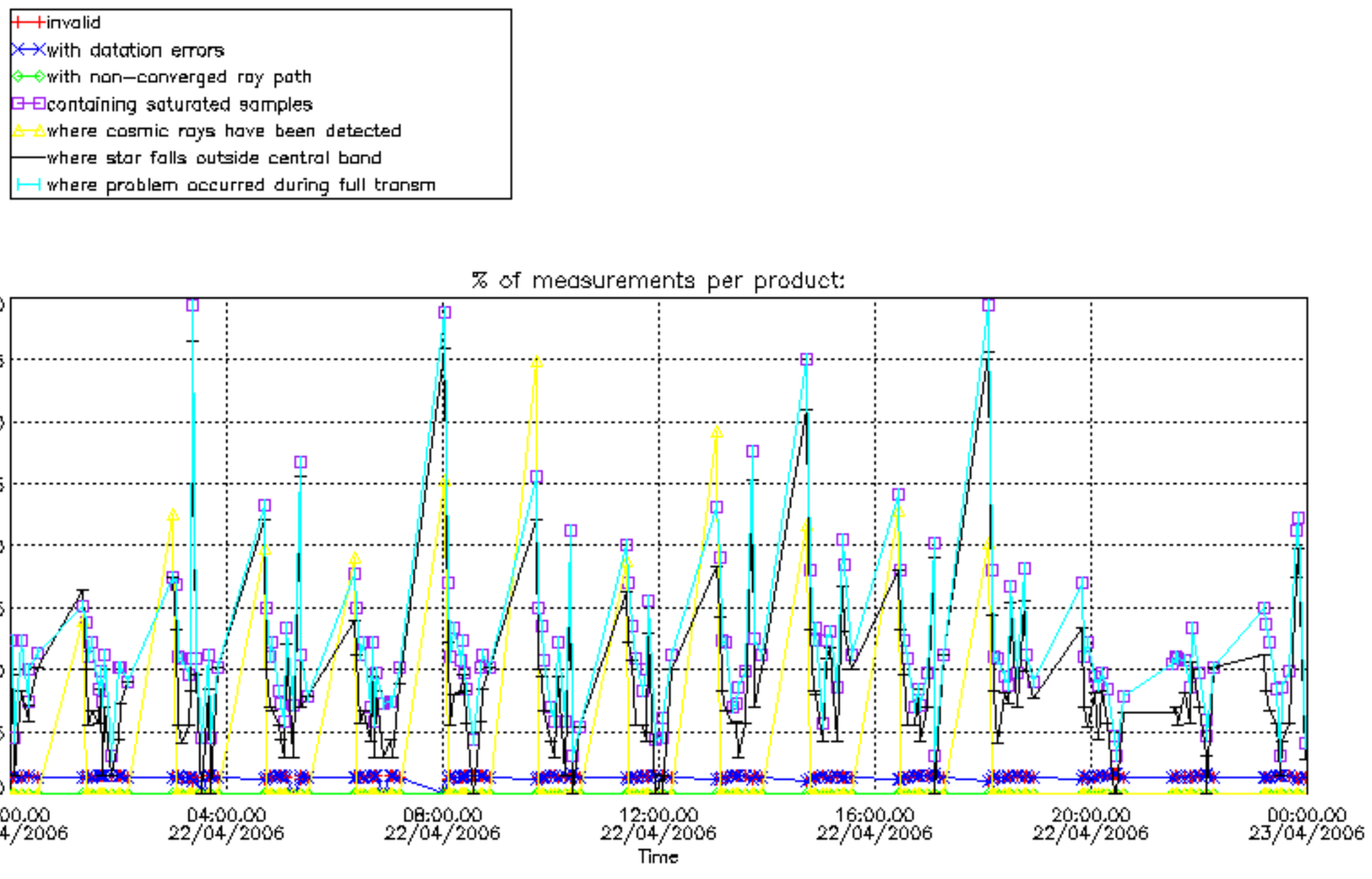
Percentage of flagged data per NO2 profile

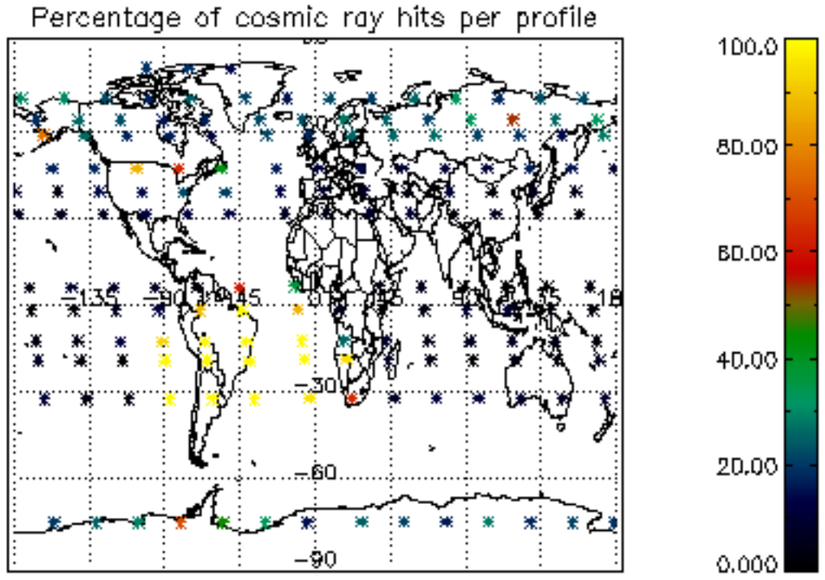


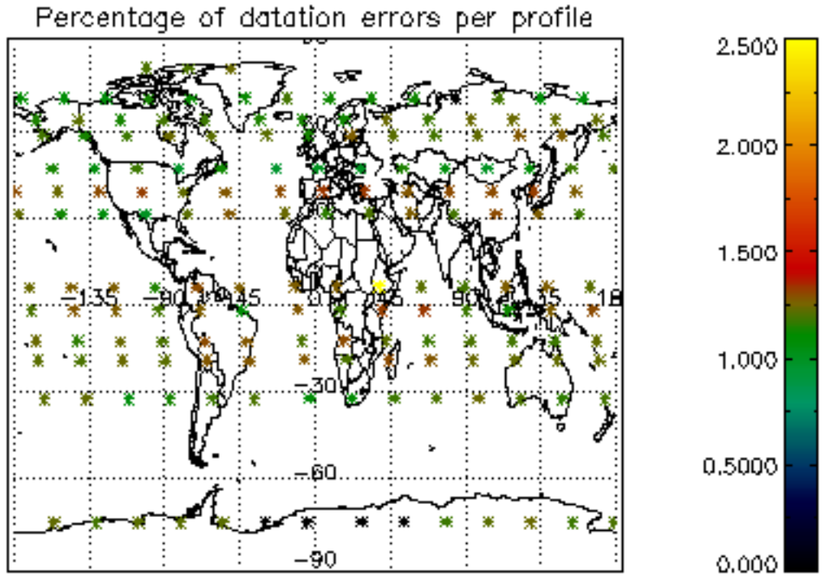
Percentage of flagged data per NO3 profile

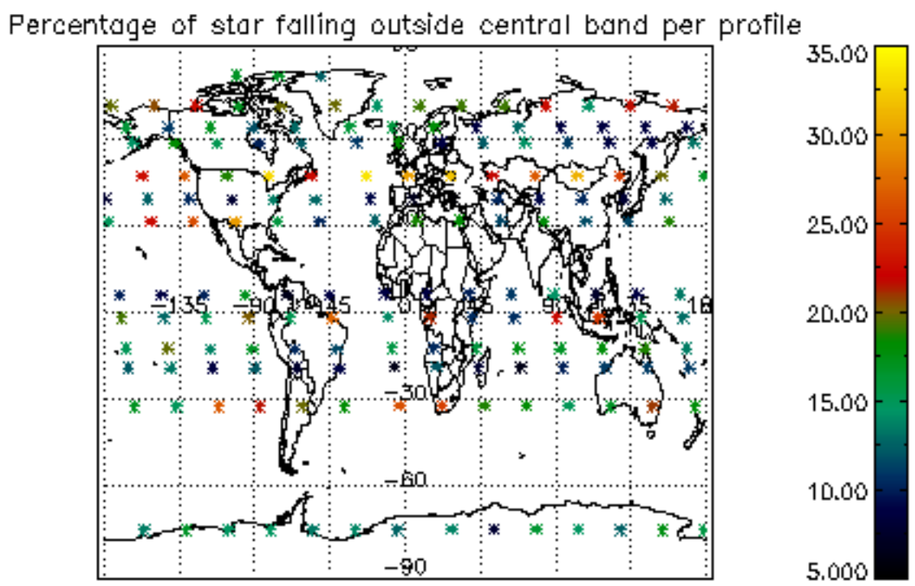


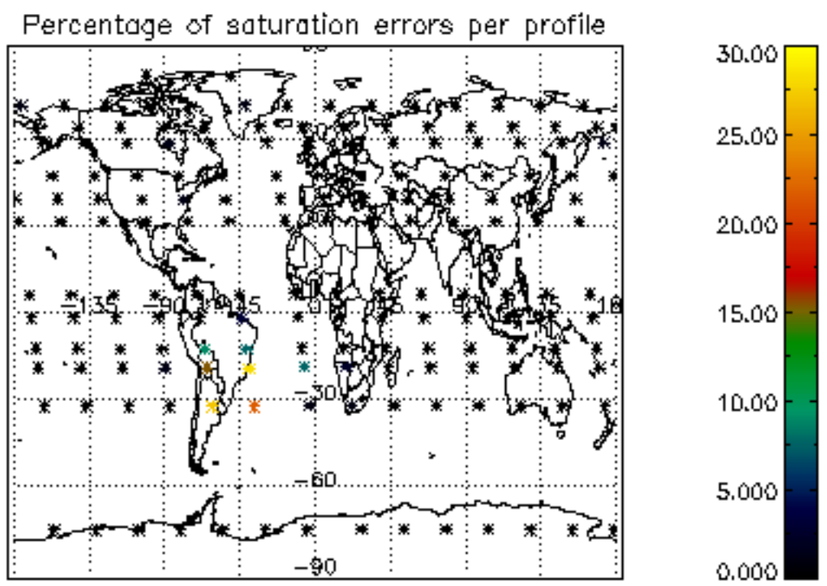

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
100
80
60
40
20
0
value (%)
00:00.00 22/04/2006
04:00.00 22/04/2006
08:00.00 22/04/2006
12:00.00 22/04/2006
16:00.00 22/04/2006
20:00.00 22/04/2006
00:00.00 23/04/2006
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 (%)
40
35
30
25
20
15
10
5
0
00:00.00 22/04/2006
04:00.00 22/04/2006
08:00.00 22/04/2006
12:00.00 22/04/2006
16:00.00 22/04/2006
20:00.00 22/04/2006
00:00.00 23/04/2006
Time

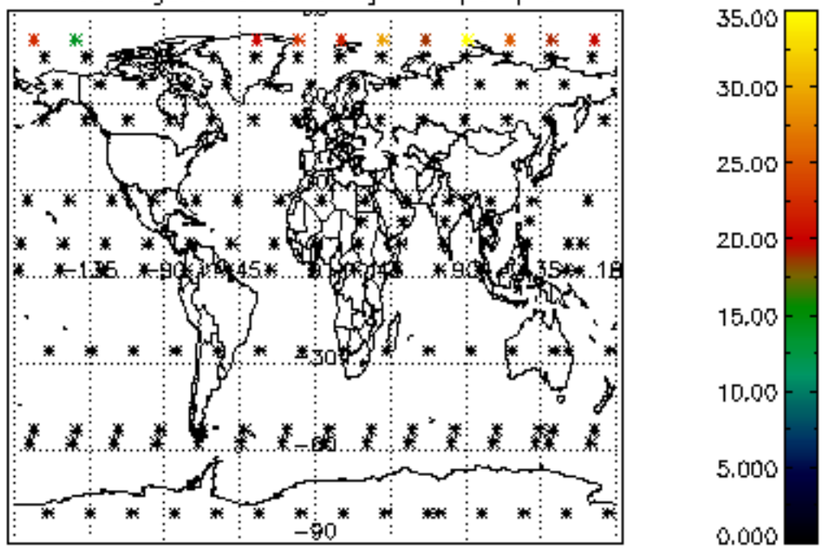

Percentage of cosmic ray hits per profile
100.0
80.00
60.00
40.00
20.00
0.000
-135
-90
-45
0
45
90
135
180
-30
-60
-90


Percentage of datation errors per profile
2.500
2.000
1.500
1.000
0.5000
0.000
-135
-90
-45
0
45
90
135
180
-30
-60
-90

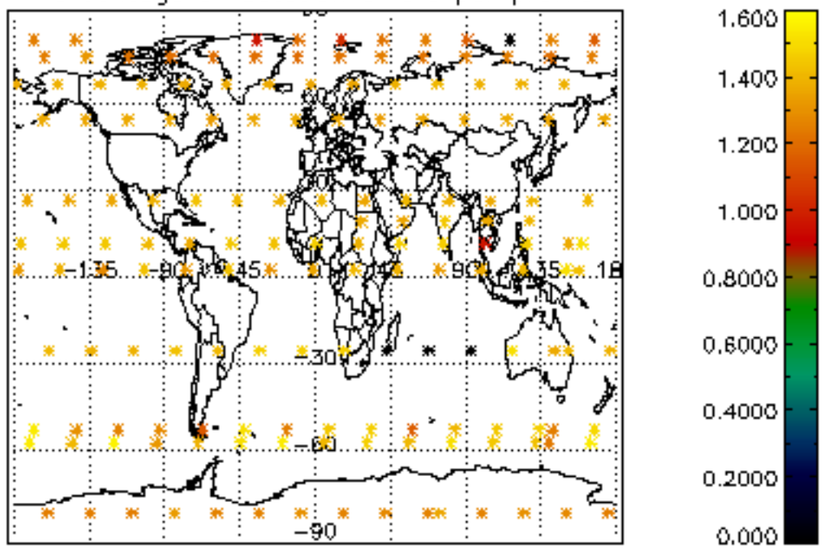

Percentage of star falling outside central band per profile
35.00
30.00
25.00
20.00
15.00
10.00
5.000
-135
-90
-45
0
45
90
135
180
-30
-60
-90


Percentage of saturation errors per profile
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

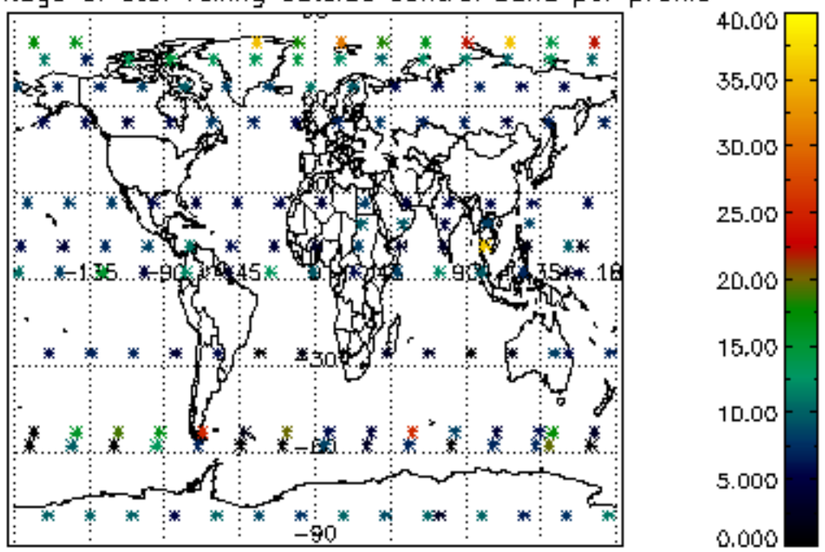
Percentage of cosmic ray hits per profile



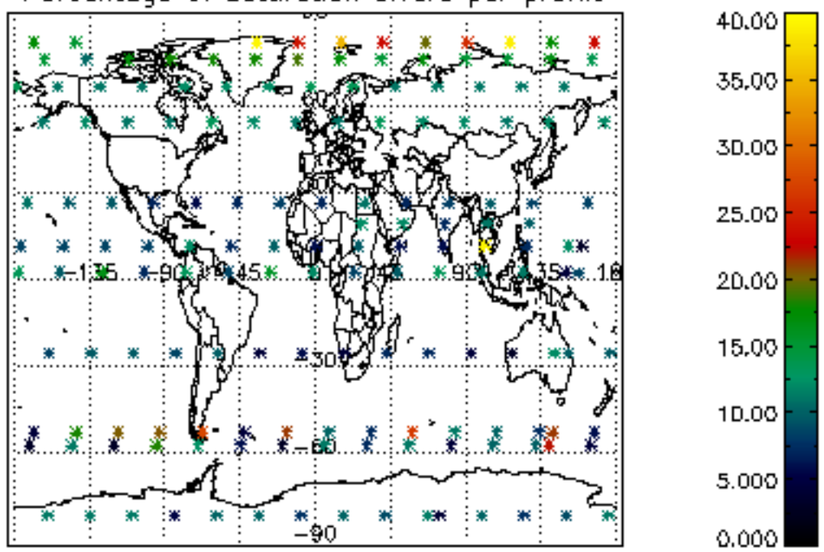
Percentage of datation errors per profile

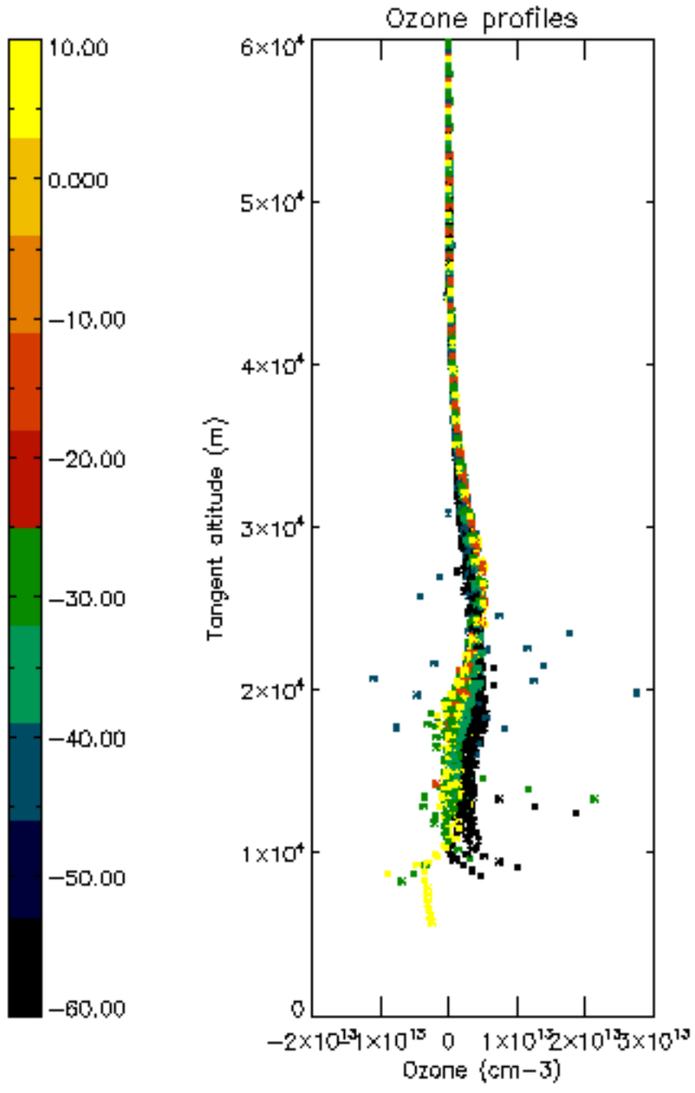


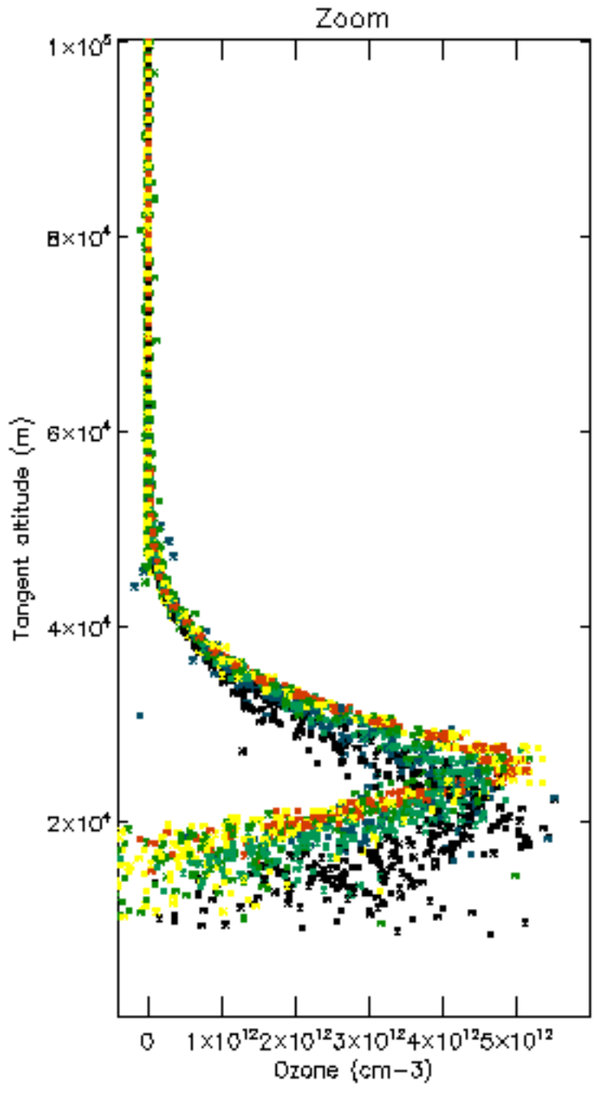
Percentage of star falling outside central band per profile

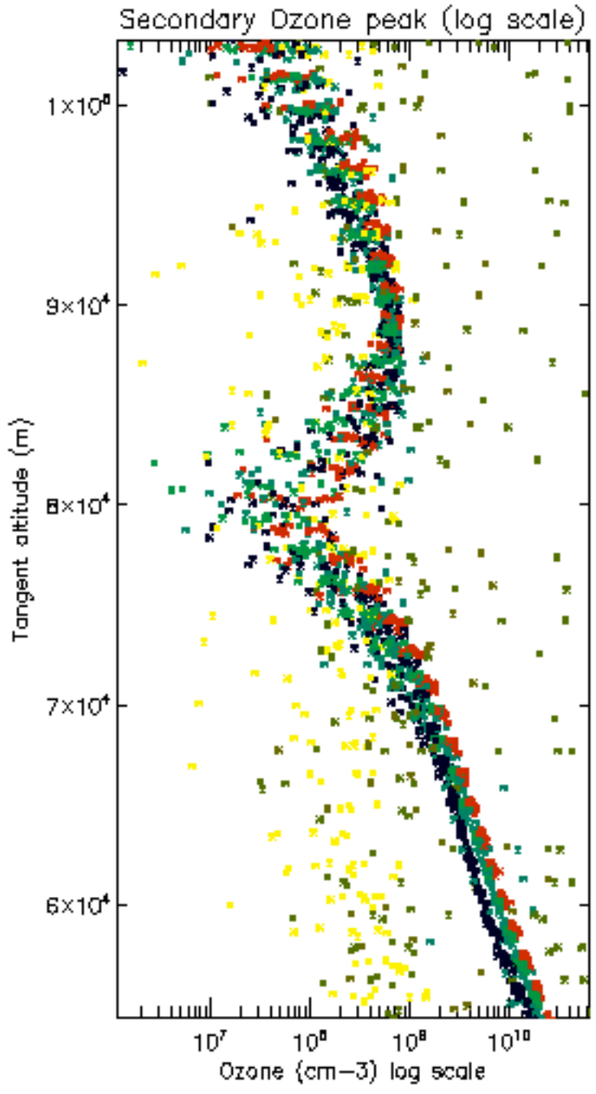


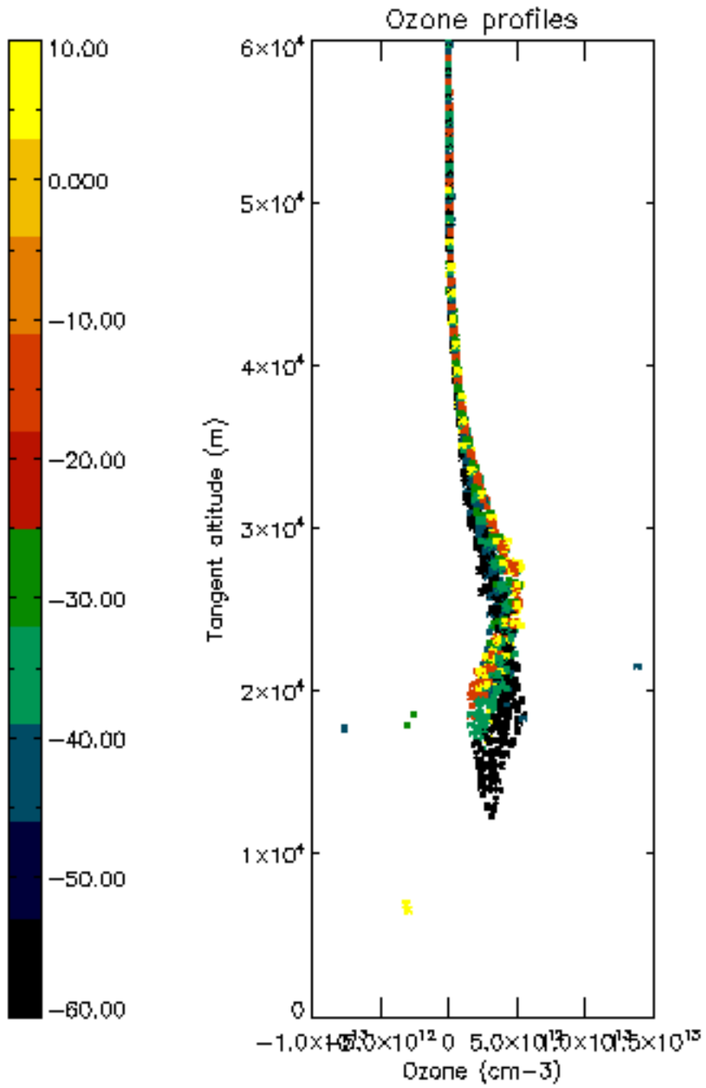
Percentage of saturation errors per profile




Ozone profiles
10.00
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−2×10¹³ −1×10¹³ 0 1×10¹³ 2×10¹³ 3×10¹³
Ozone (cm−3)

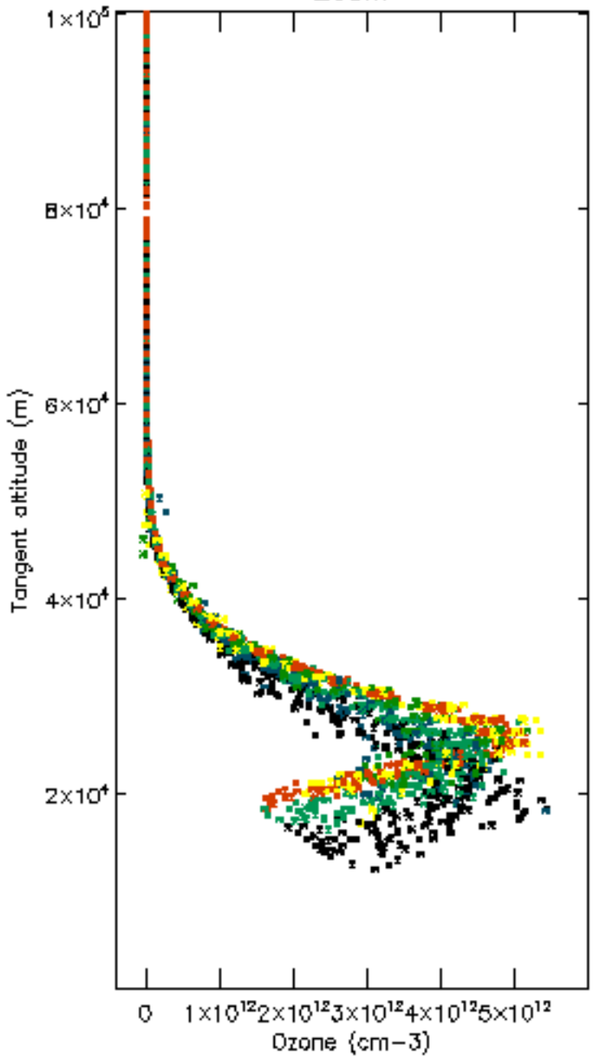

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0 1×10¹² 2×10¹² 3×10¹² 4×10¹² 5×10¹²
Ozone (cm−3)


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

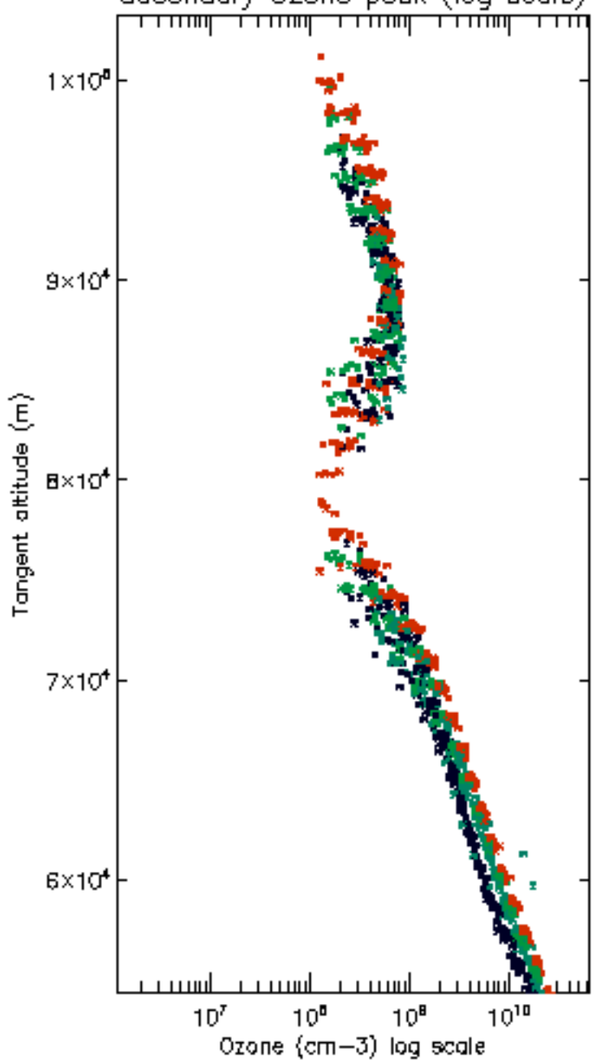


Ozone profiles

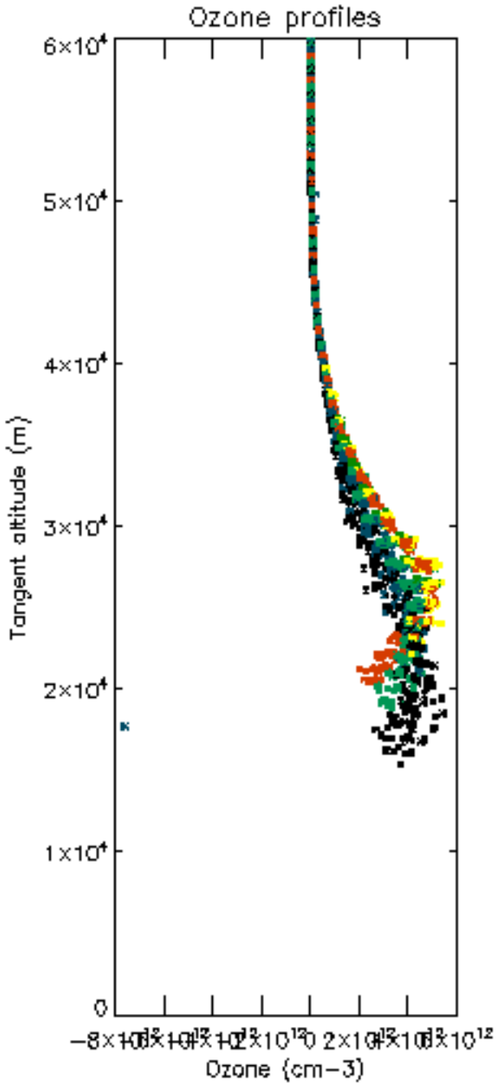
Zoom

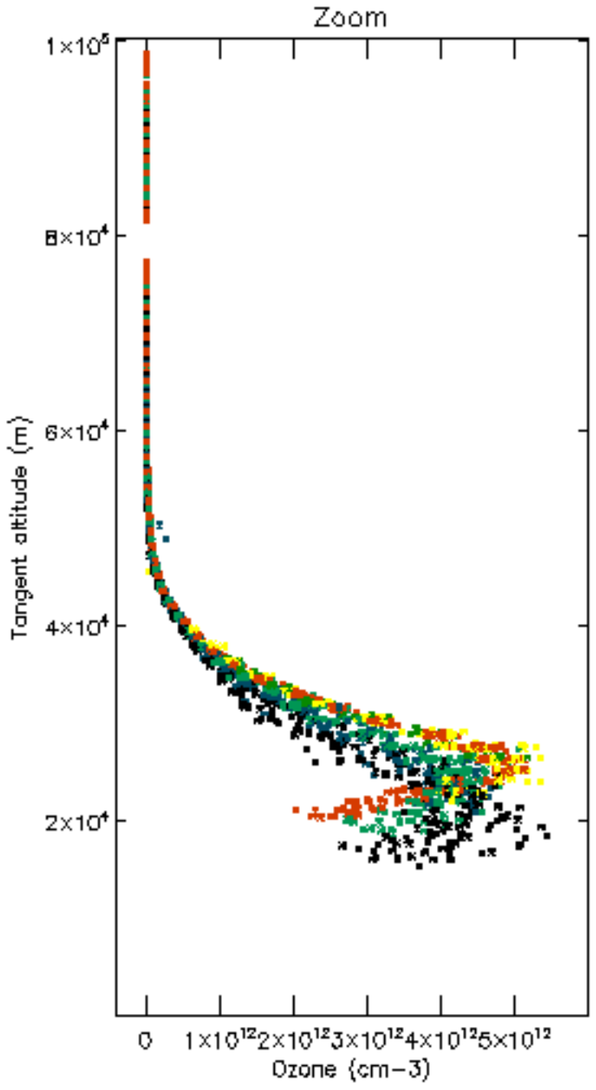


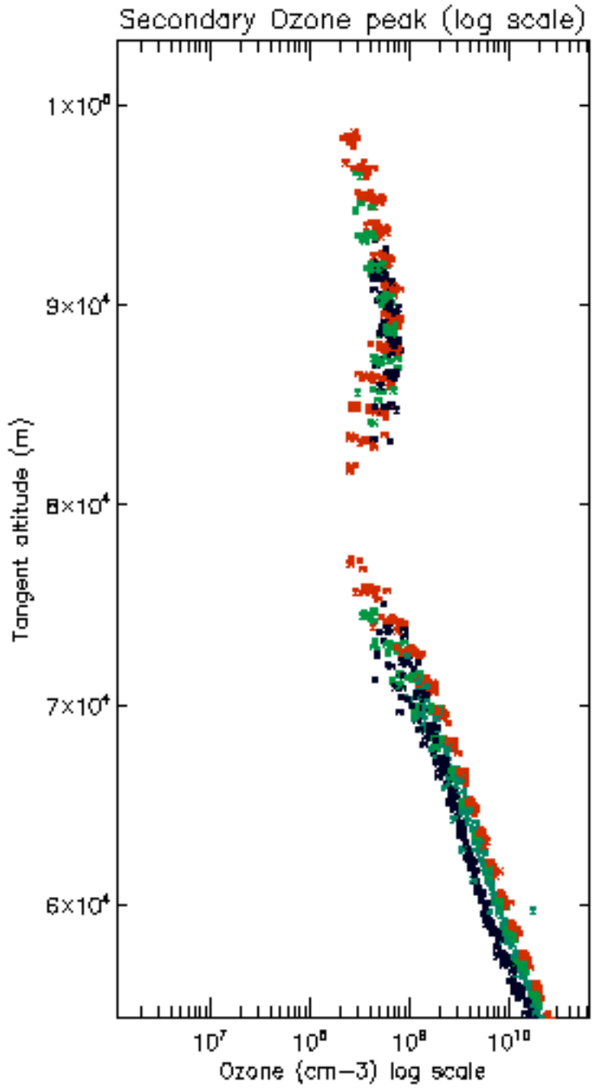
Secondary Ozone peak (log scale)

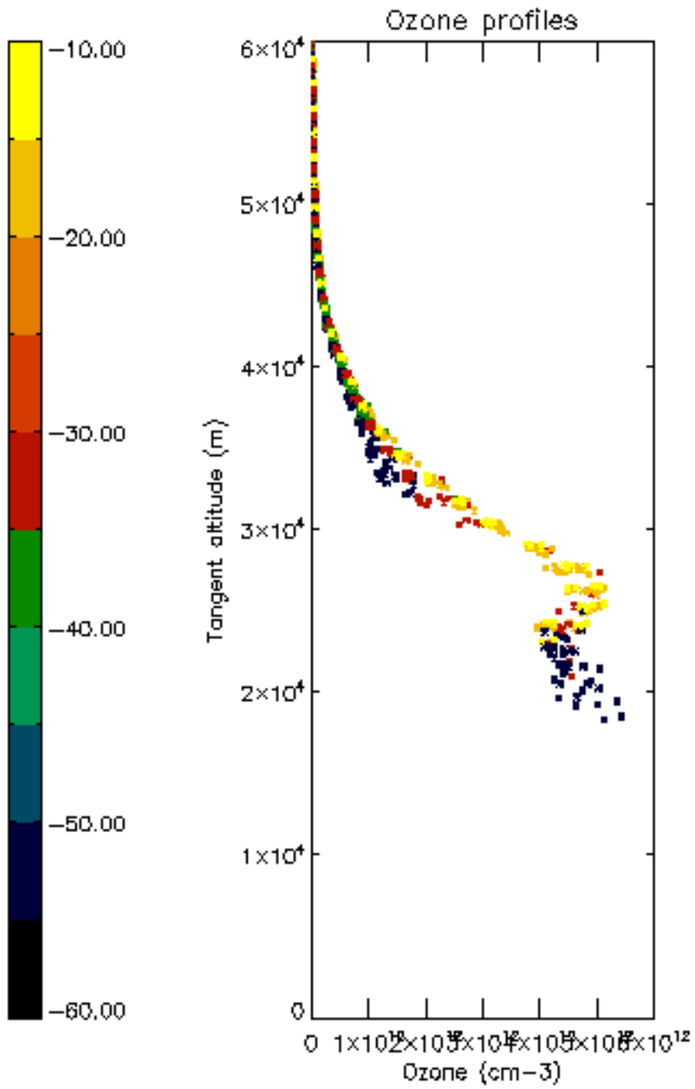



10.00
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00


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

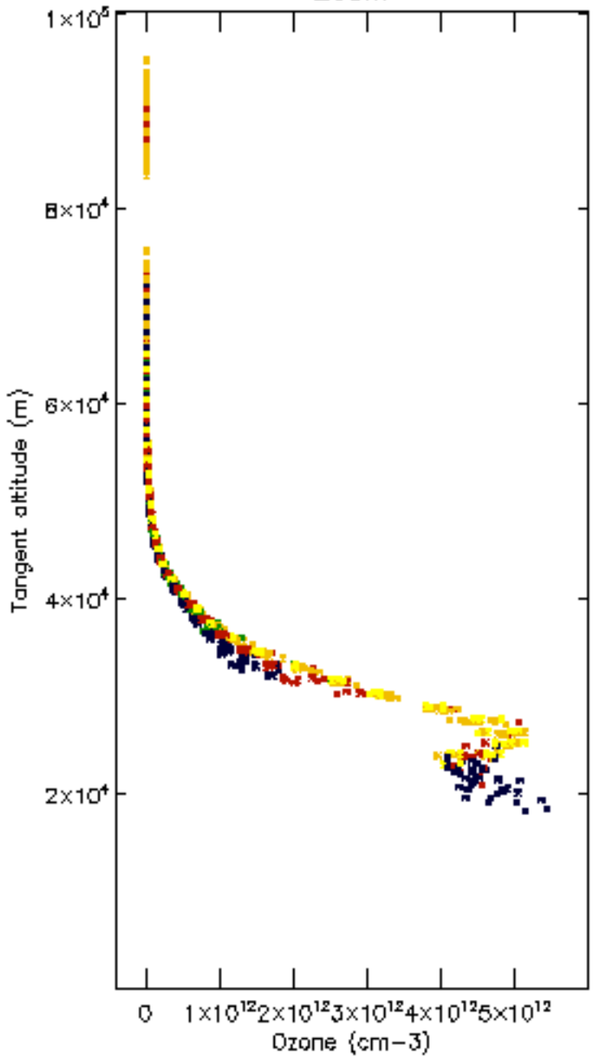

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)


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

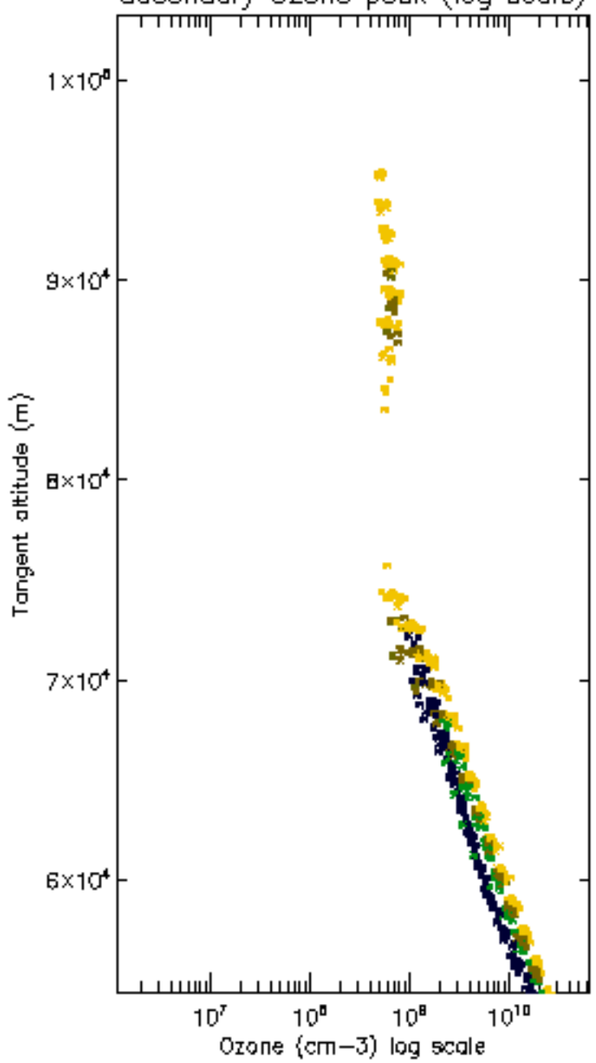


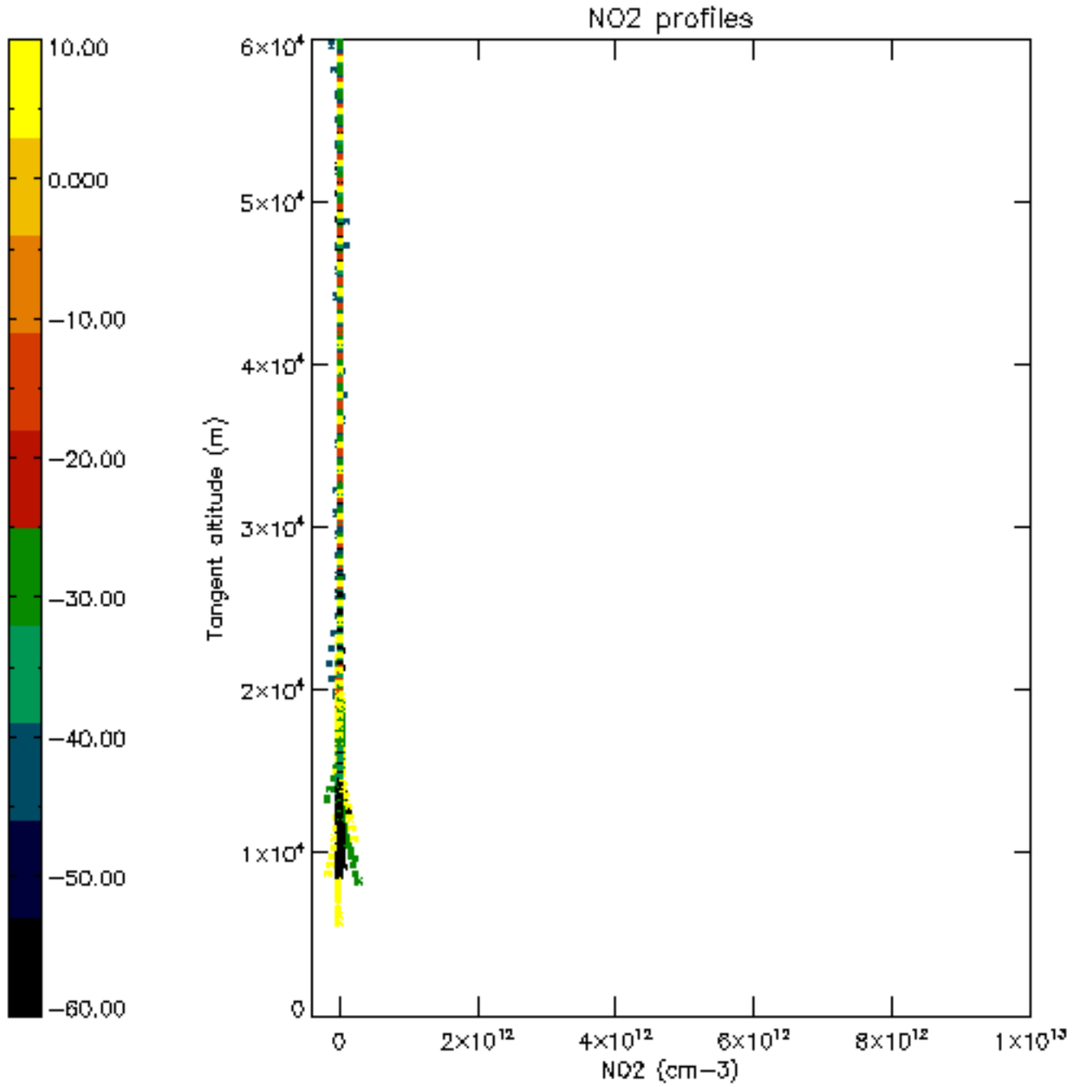
Ozone profiles

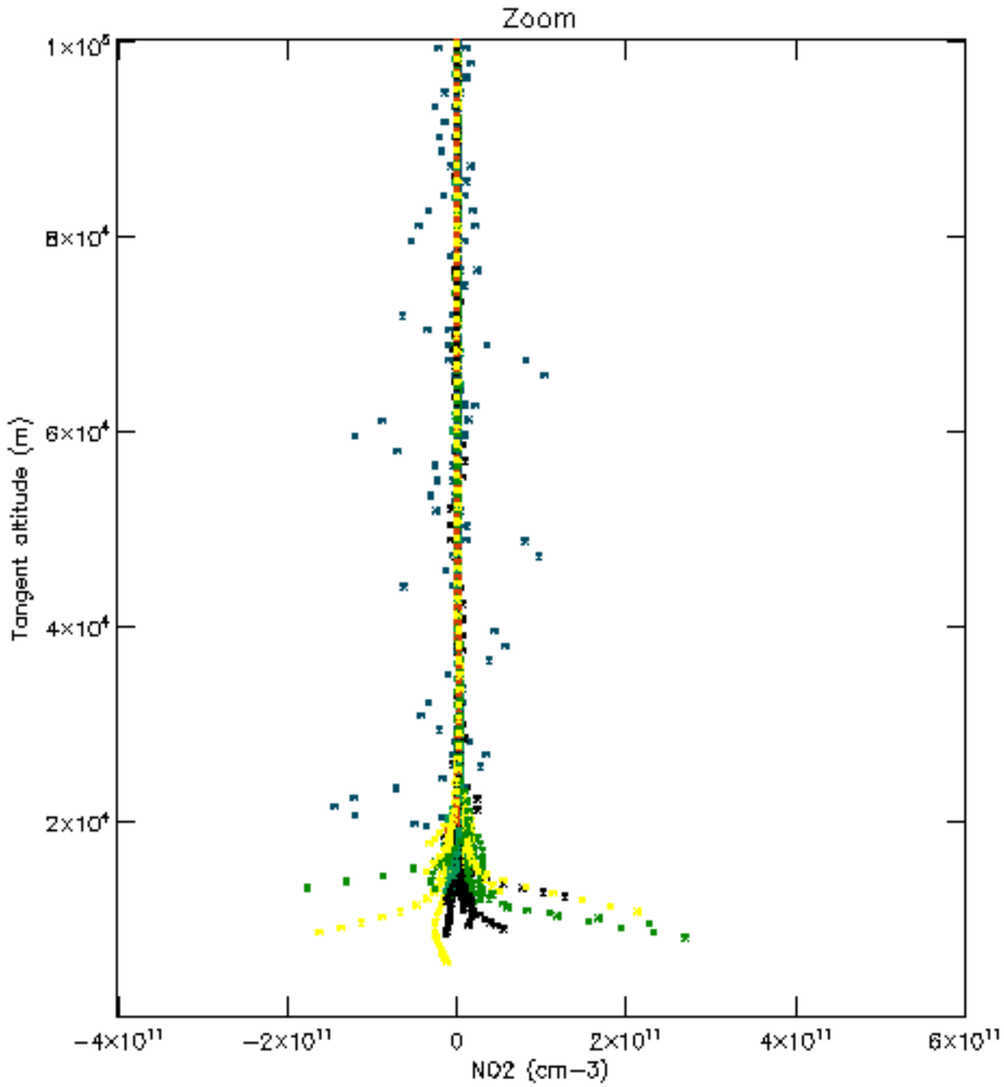
Zoom

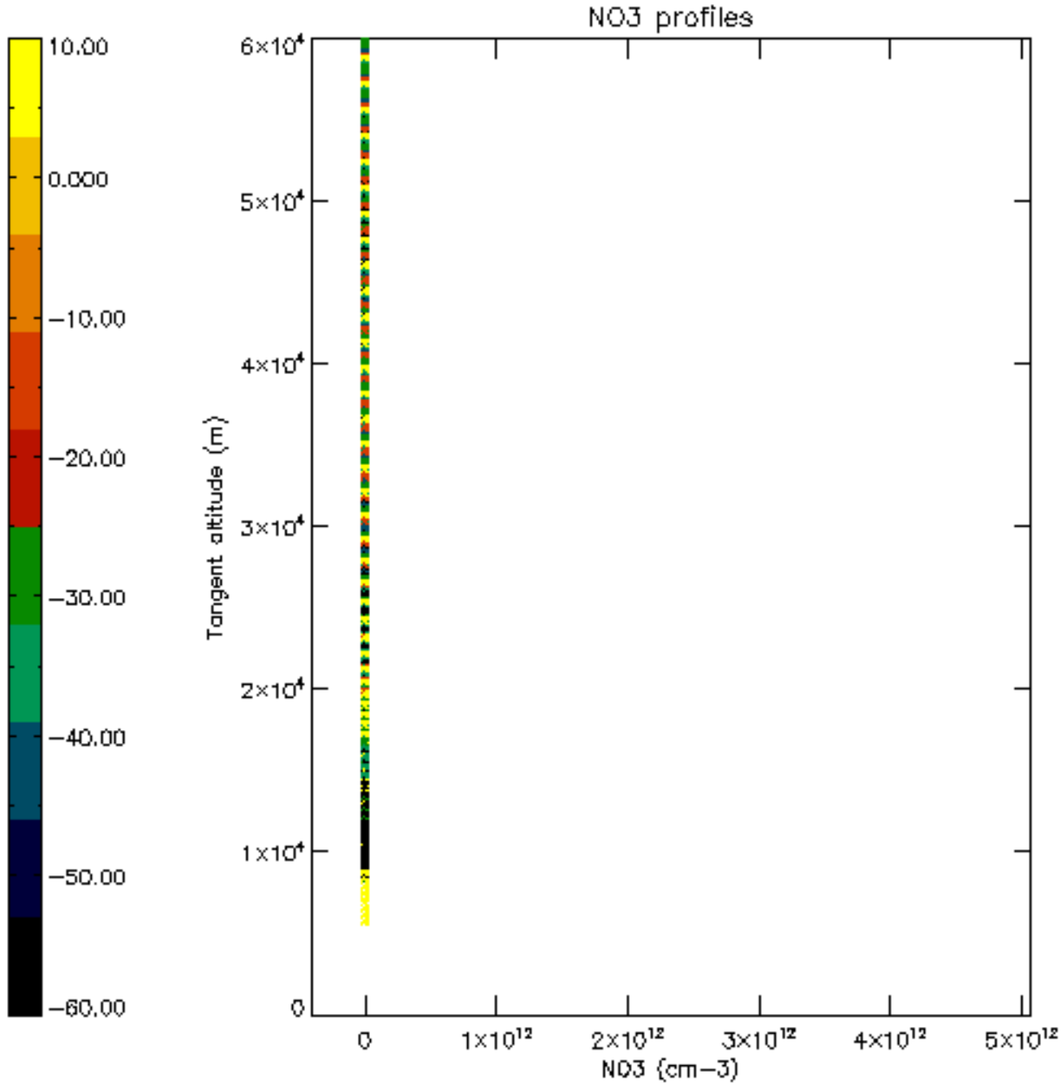


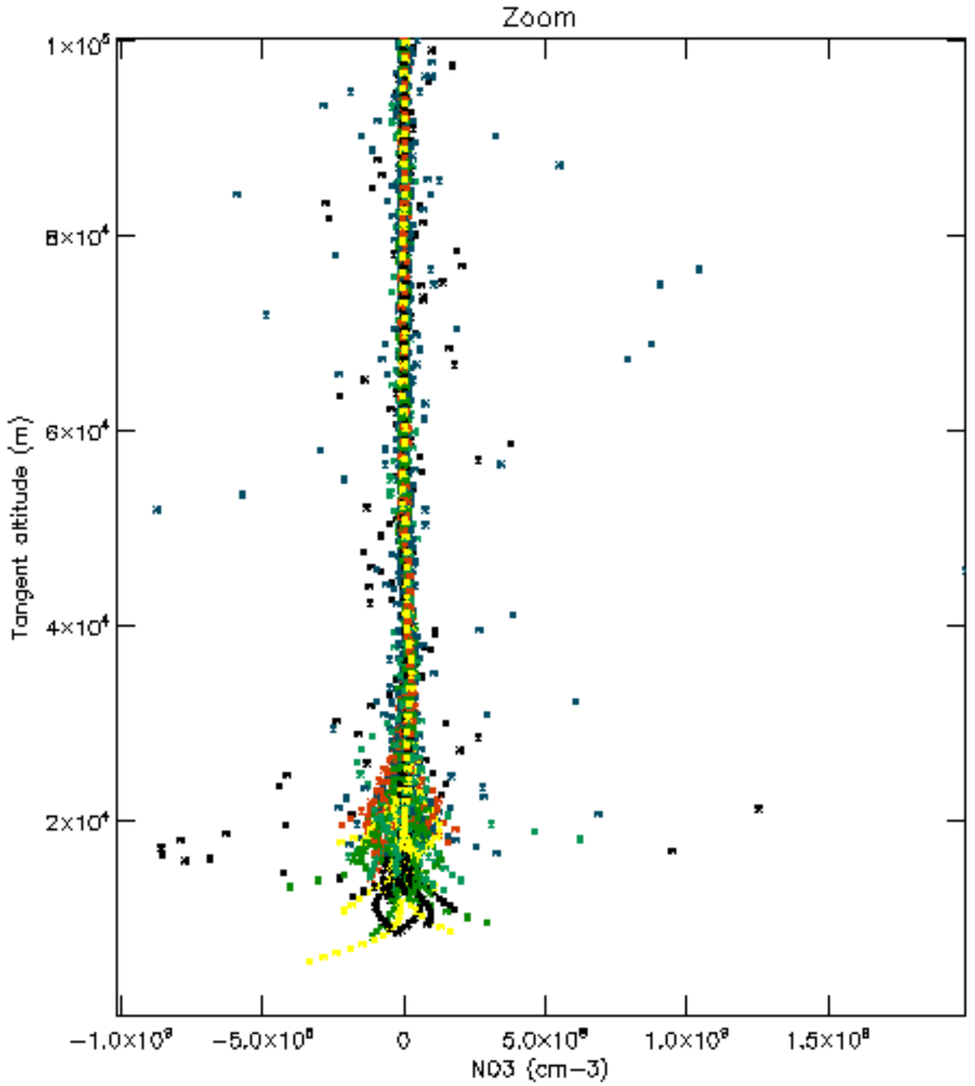
Secondary Ozone peak (log scale)

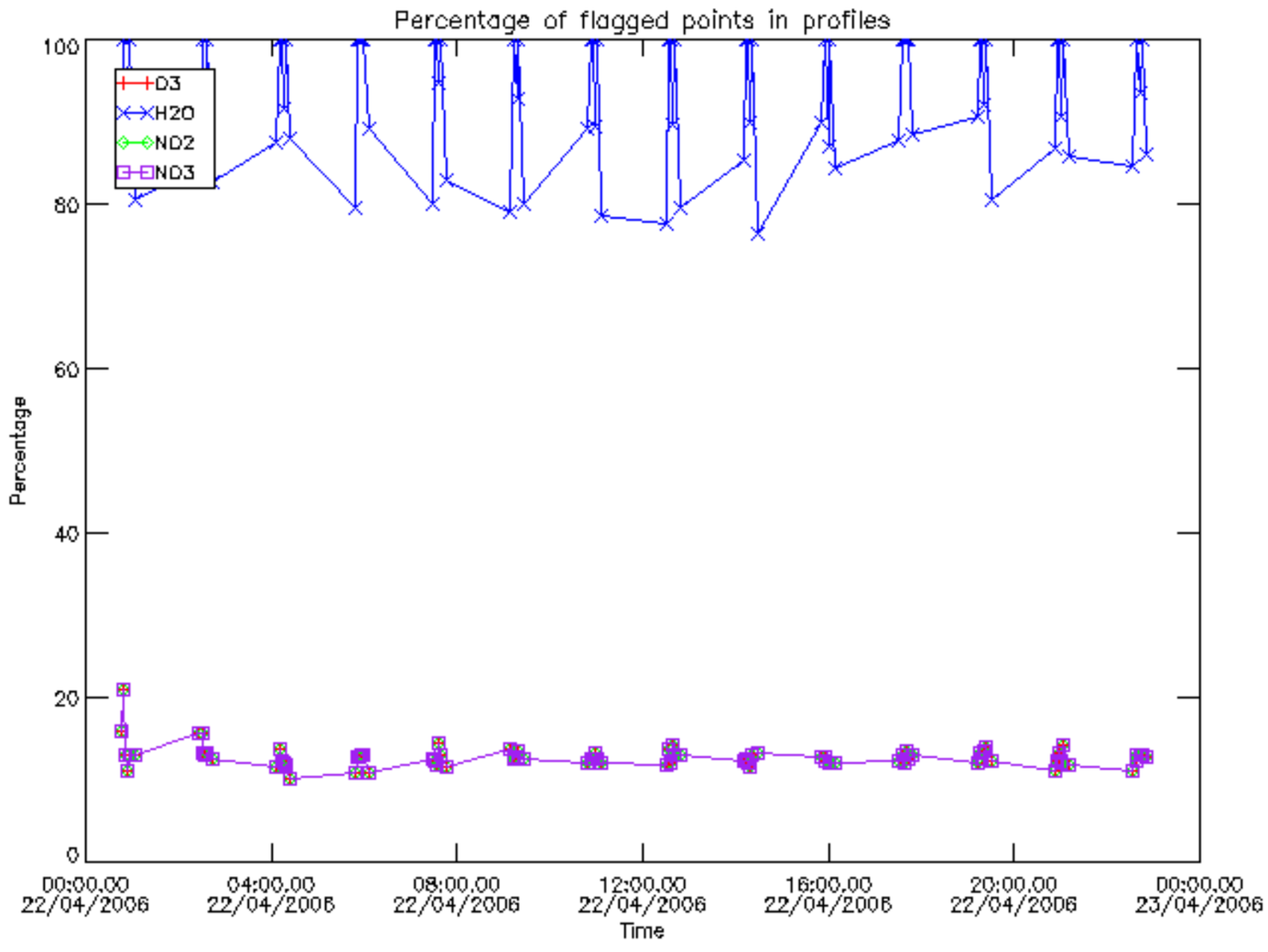



NO2 profiles
10.00
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
2×10¹²
4×10¹²
6×10¹²
8×10¹²
1×10¹³
NO2 (cm−3)

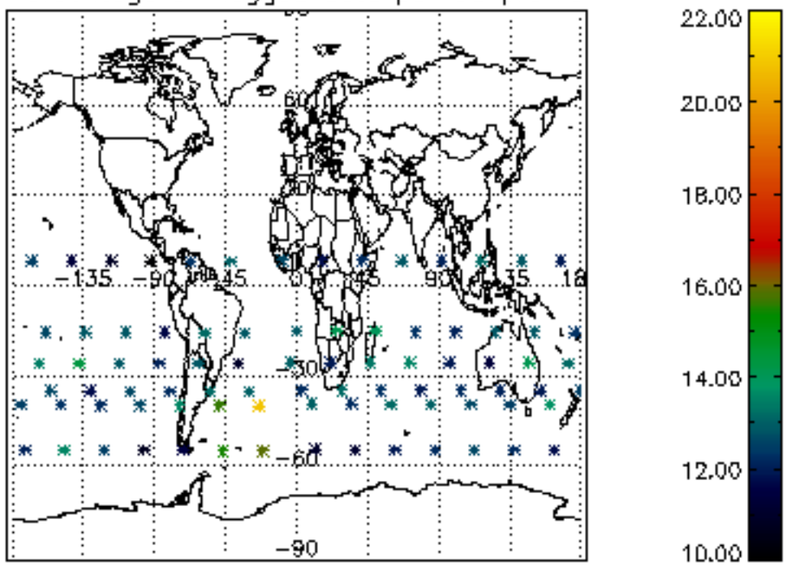

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
−4×10¹¹
−2×10¹¹
0
2×10¹¹
4×10¹¹
6×10¹¹
NO2 (cm−3)


NO3 profiles
10.00
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−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)

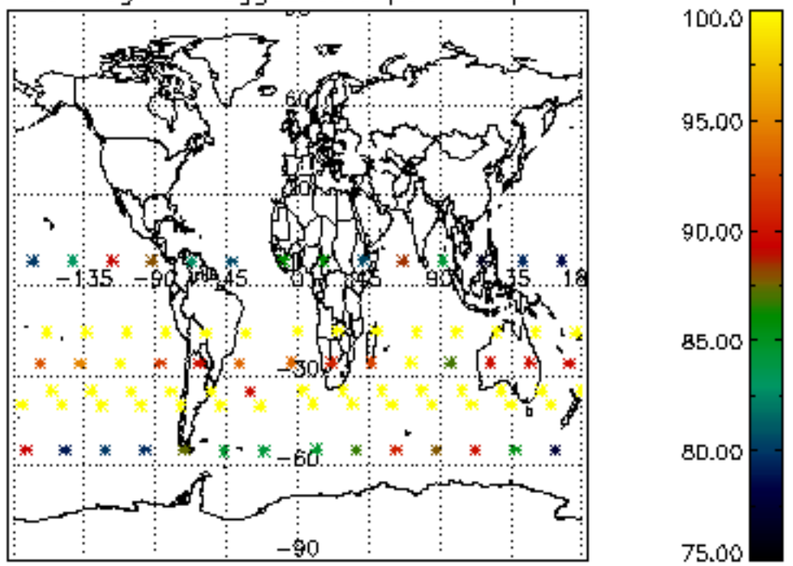

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
−1.0×10⁹
−5.0×10⁸
0
5.0×10⁸
1.0×10⁹
1.5×10⁹
NO3 (cm−3)


Percentage of flagged points in profiles
O3
H2O
NO2
NO3
100
80
60
40
20
0
Percentage
00:00.00
22/04/2006
04:00.00
22/04/2006
08:00.00
22/04/2006
12:00.00
22/04/2006
16:00.00
22/04/2006
20:00.00
22/04/2006
00:00.00
23/04/2006
Time

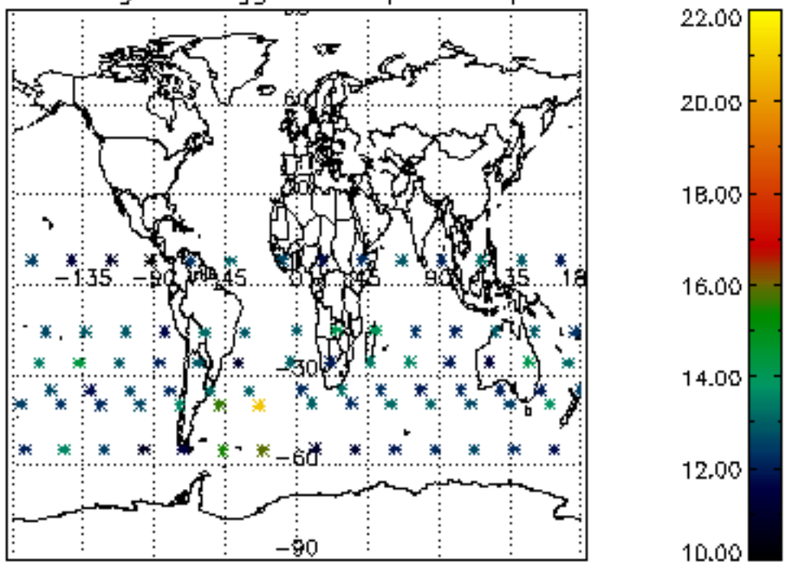
Percentage of flagged data per O3 profile



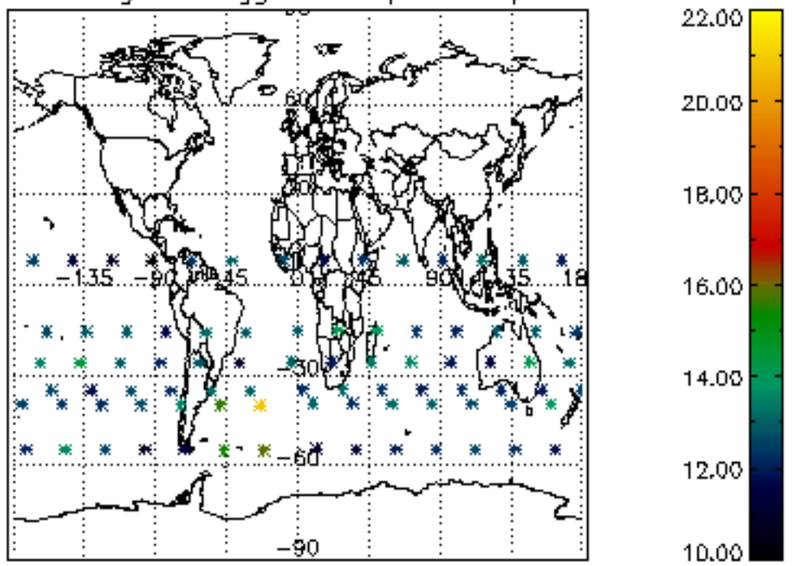
Percentage of flagged data per H2O profile

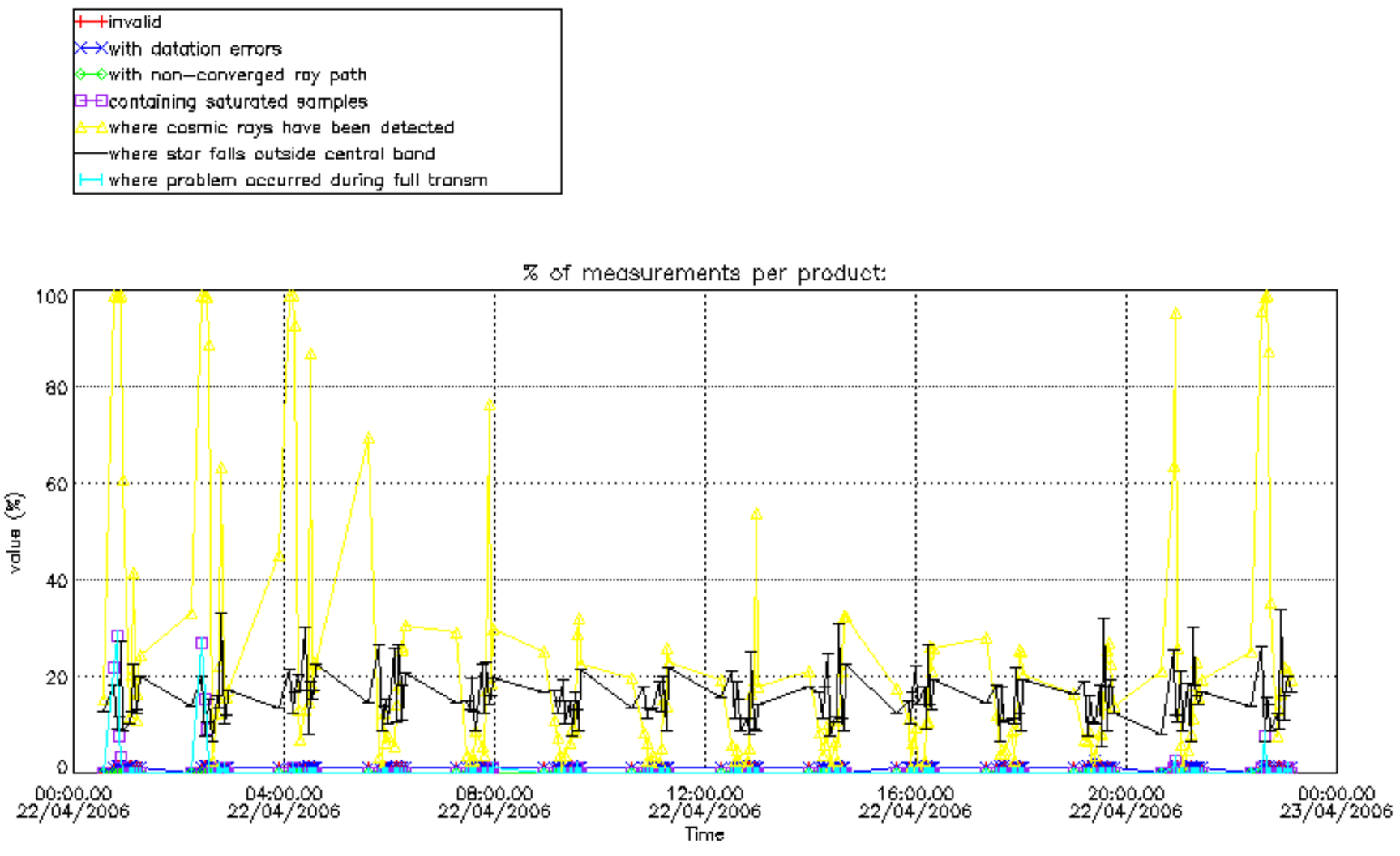


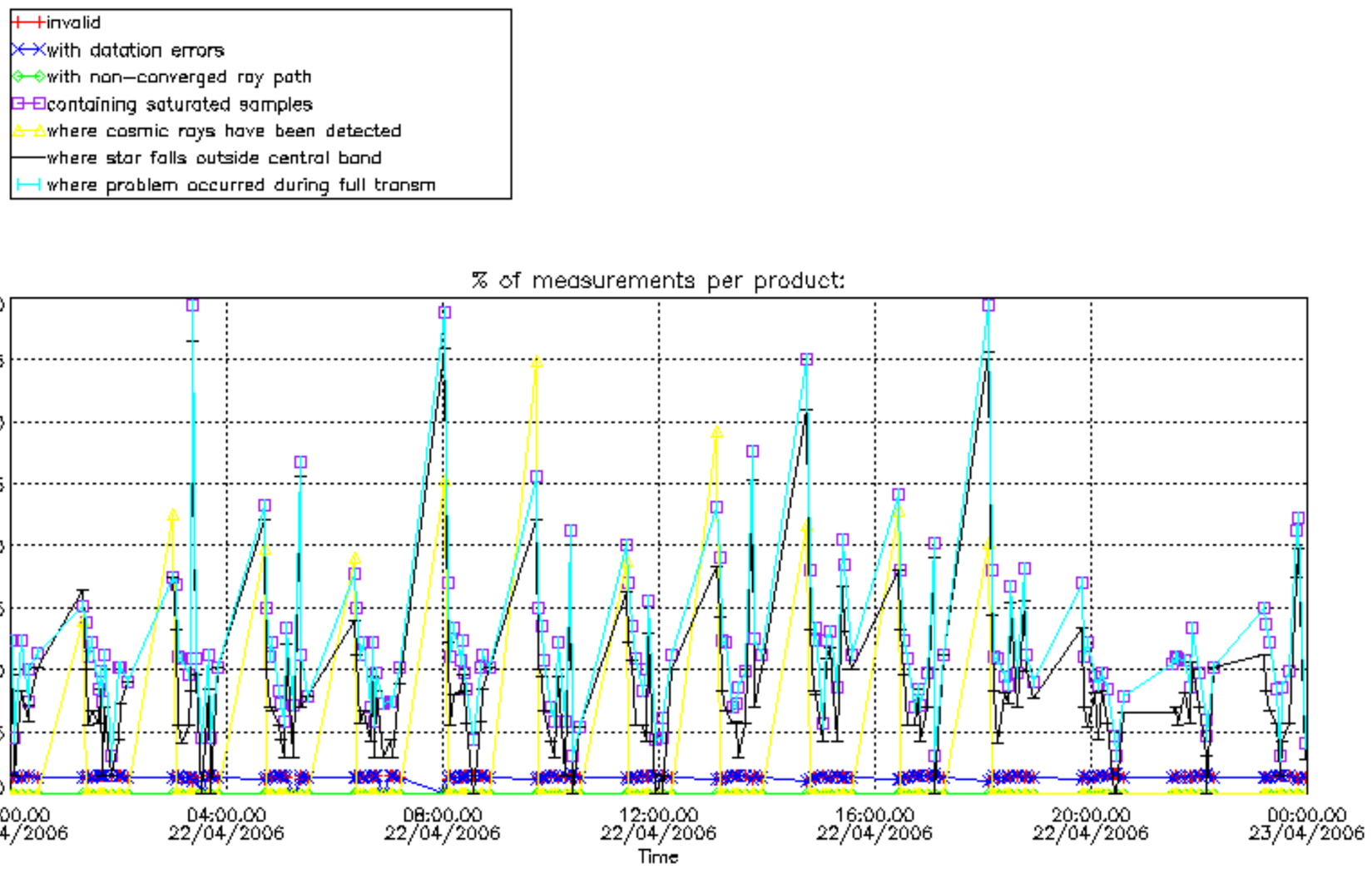
Percentage of flagged data per NO2 profile

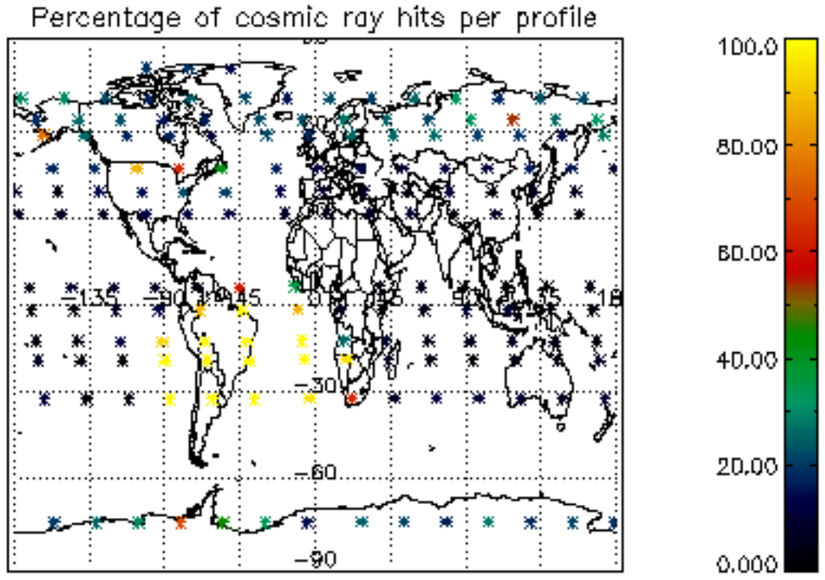


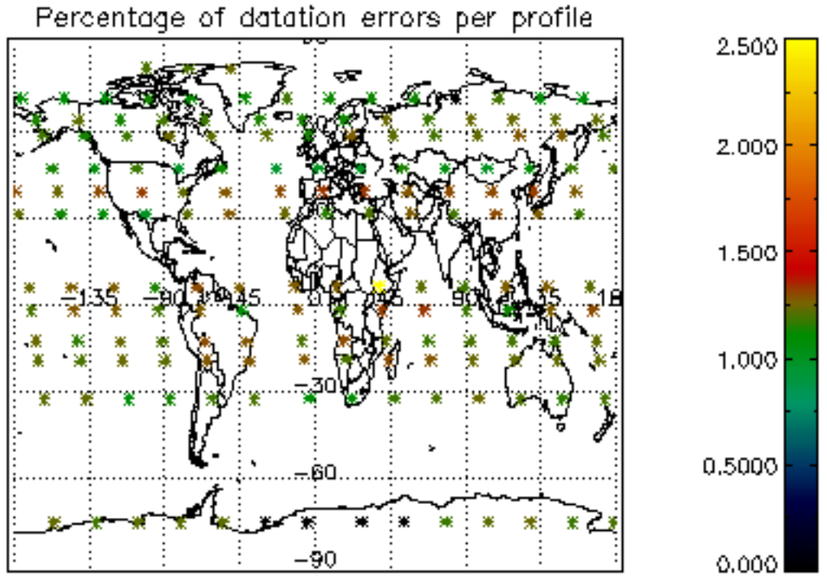
Percentage of flagged data per NO3 profile

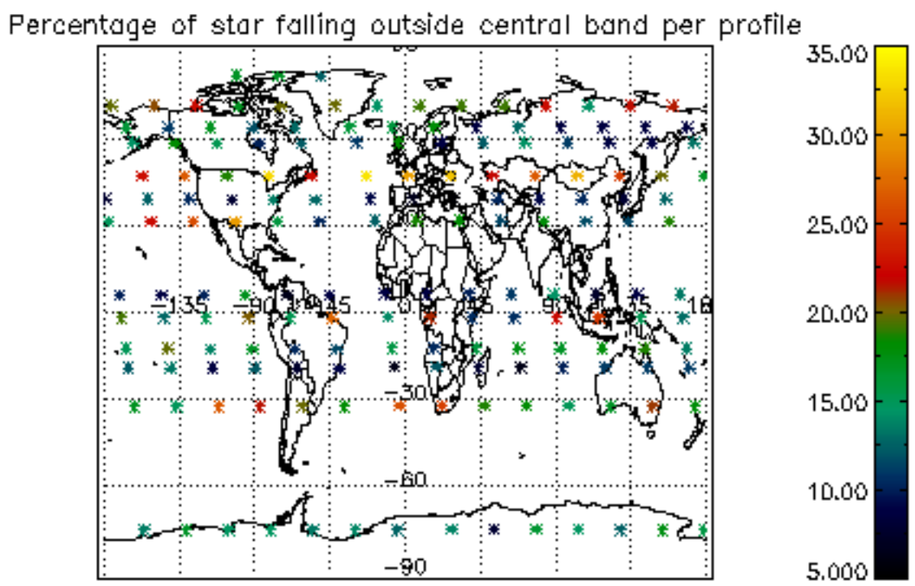


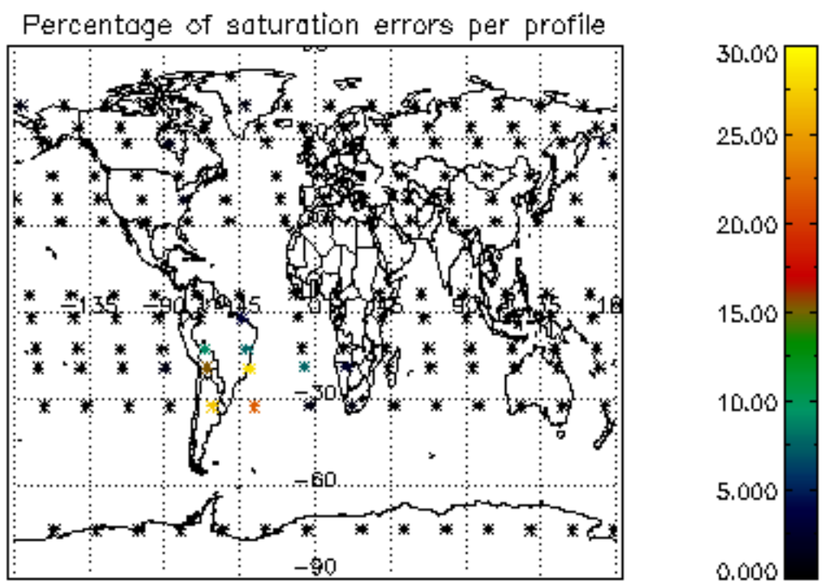

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
100
80
60
40
20
0
value (%)
00:00.00 22/04/2006
04:00.00 22/04/2006
08:00.00 22/04/2006
12:00.00 22/04/2006
16:00.00 22/04/2006
20:00.00 22/04/2006
00:00.00 23/04/2006
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 (%)
40
35
30
25
20
15
10
5
0
00:00.00 22/04/2006
04:00.00 22/04/2006
08:00.00 22/04/2006
12:00.00 22/04/2006
16:00.00 22/04/2006
20:00.00 22/04/2006
00:00.00 23/04/2006
Time

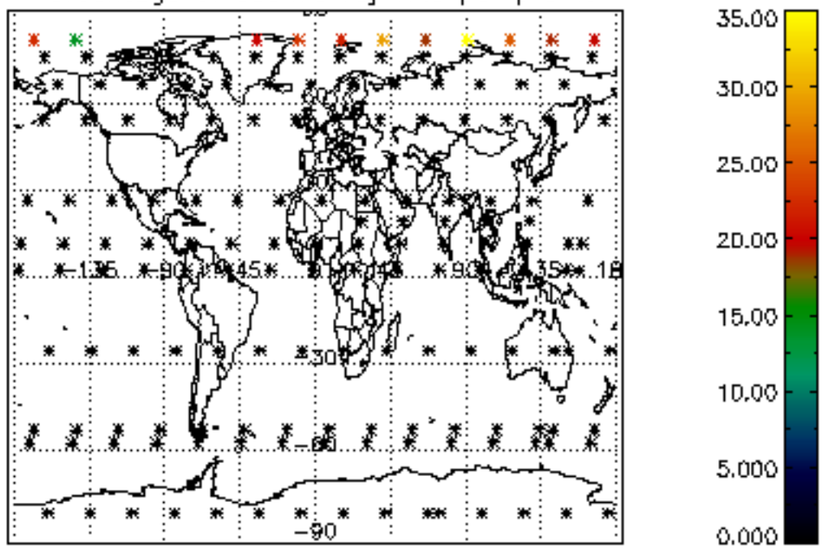

Percentage of cosmic ray hits per profile
100.0
80.00
60.00
40.00
20.00
0.000
-135
-90
-45
0
45
90
135
180
-30
-60
-90


Percentage of datation errors per profile
2.500
2.000
1.500
1.000
0.5000
0.000
-135
-90
-45
0
45
90
135
180
-30
-60
-90

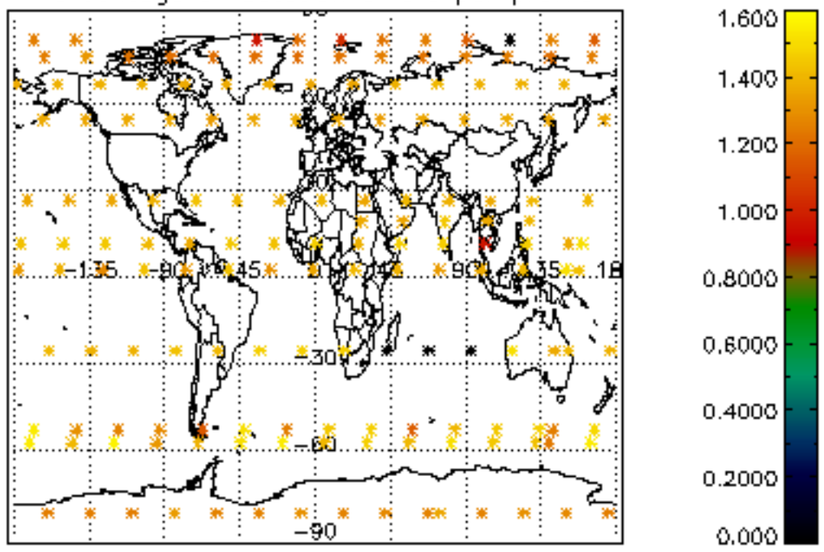

Percentage of star falling outside central band per profile
35.00
30.00
25.00
20.00
15.00
10.00
5.000
-135
-90
-45
0
45
90
135
180
-30
-60
-90


Percentage of saturation errors per profile
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

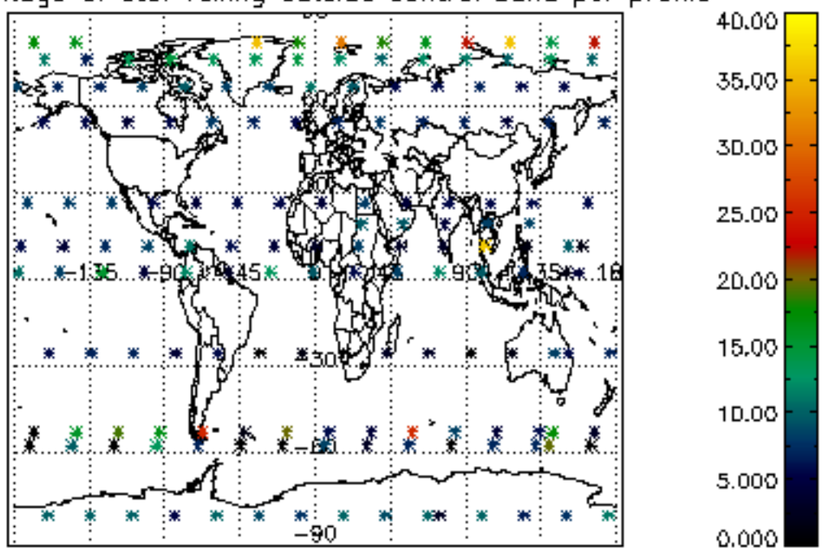
Percentage of cosmic ray hits per profile



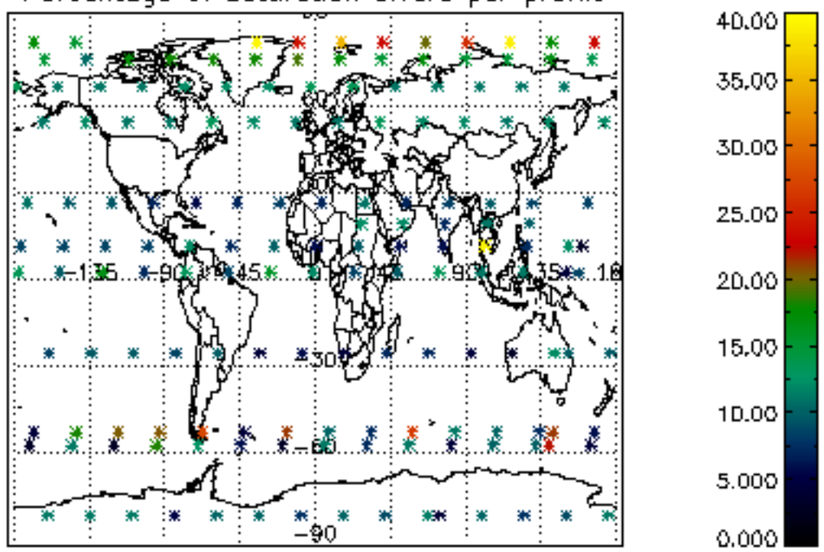
Percentage of datation errors per profile

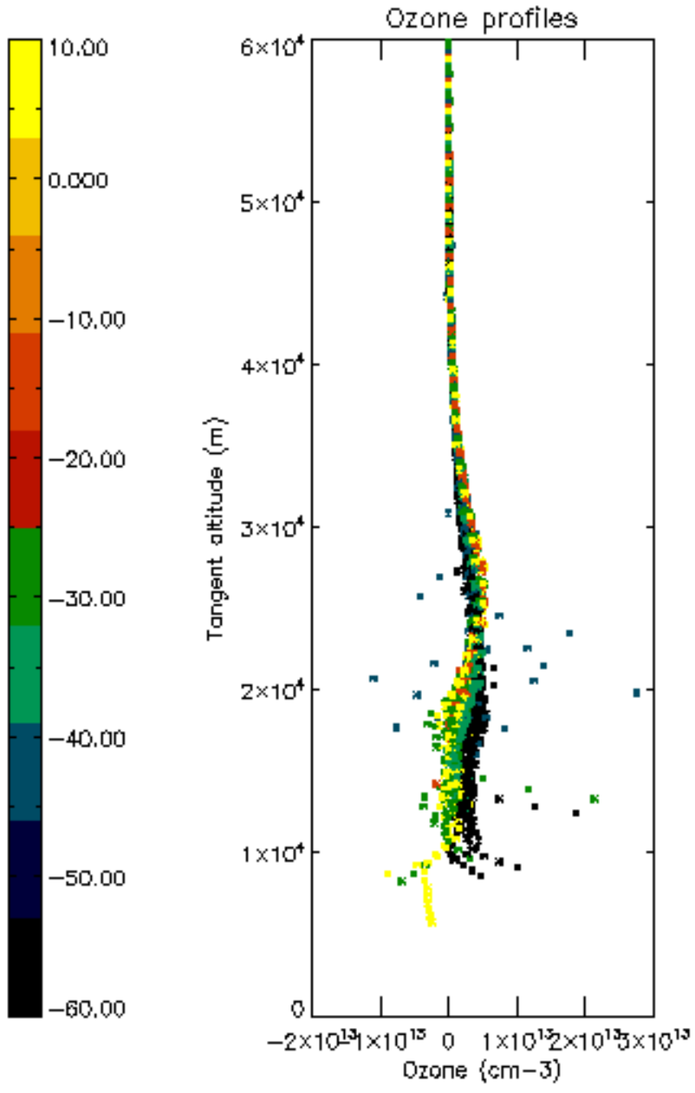


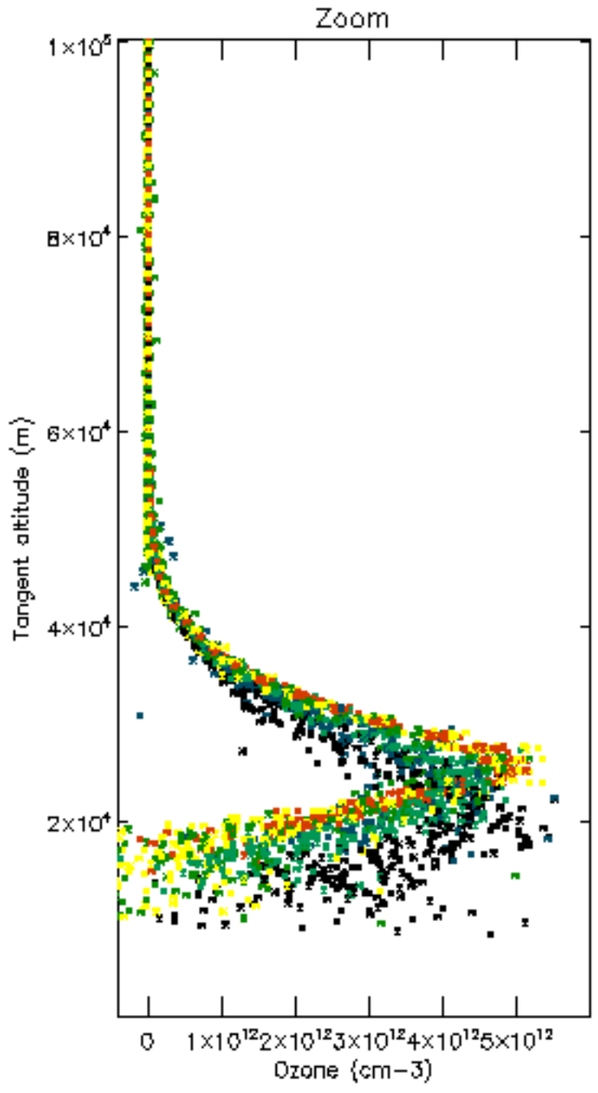
Percentage of star falling outside central band per profile

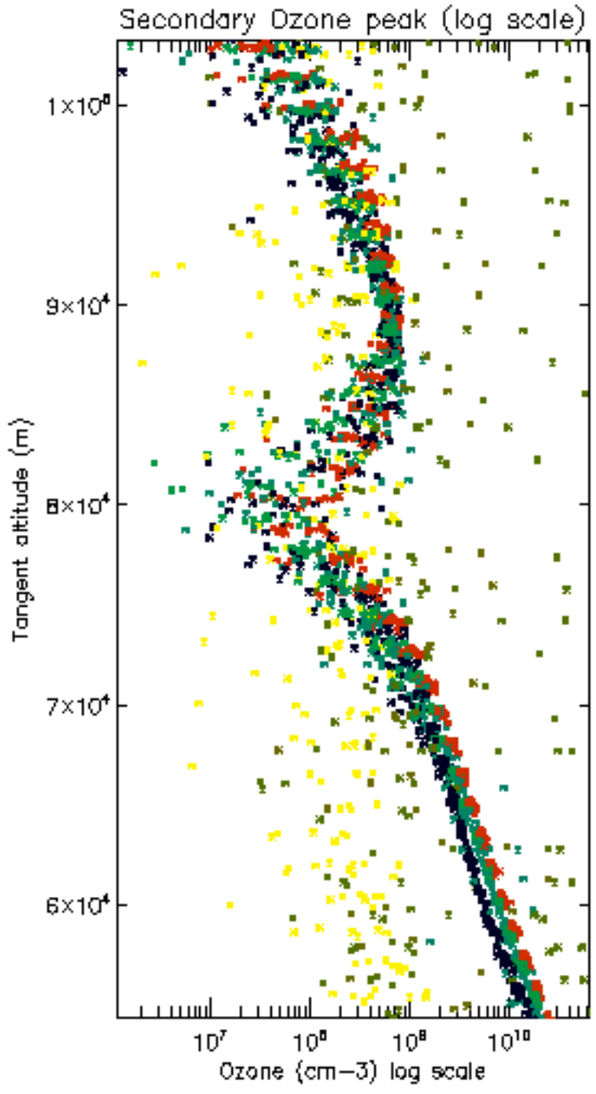


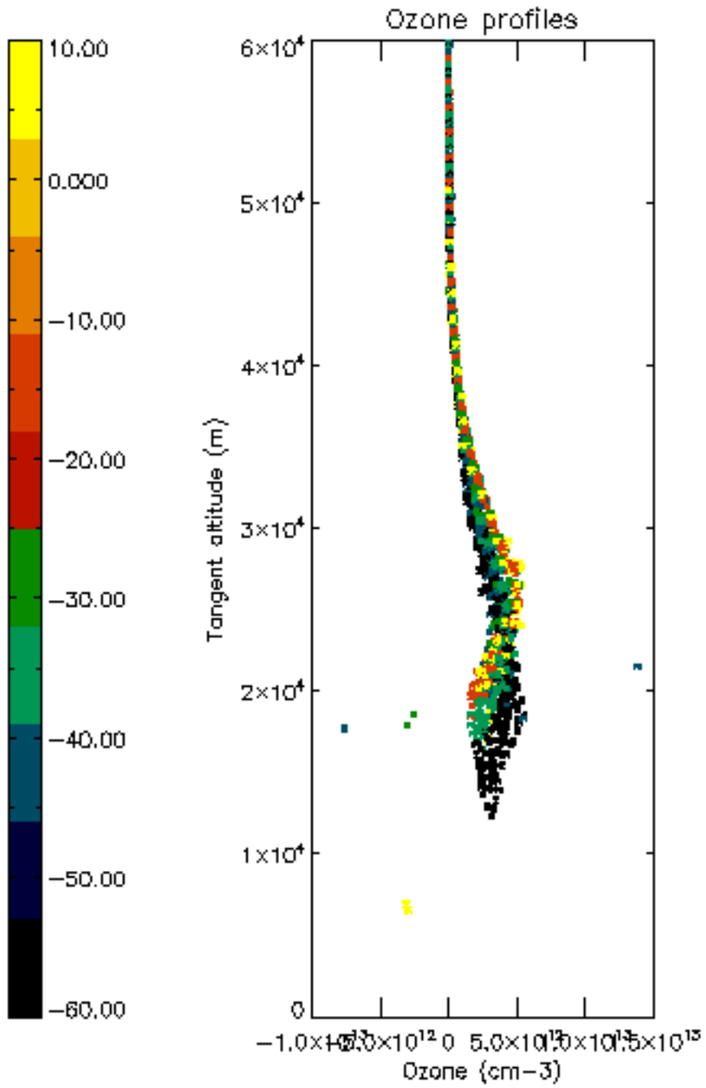
Percentage of saturation errors per profile




Ozone profiles
10.00
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−2×10¹³ −1×10¹³ 0 1×10¹³ 2×10¹³ 3×10¹³
Ozone (cm−3)

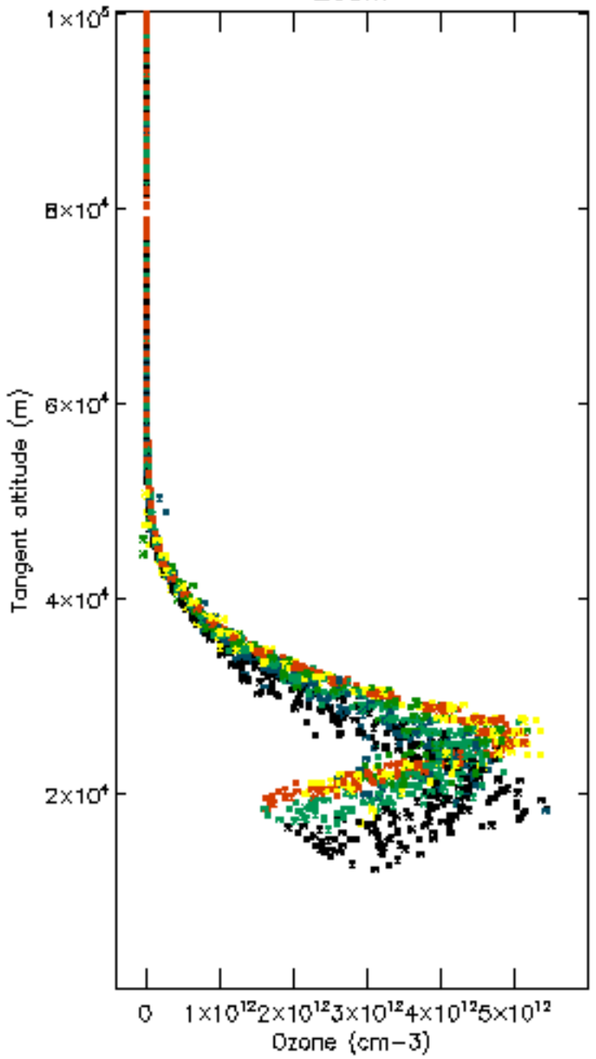

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0 1×10¹² 2×10¹² 3×10¹² 4×10¹² 5×10¹²
Ozone (cm−3)


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

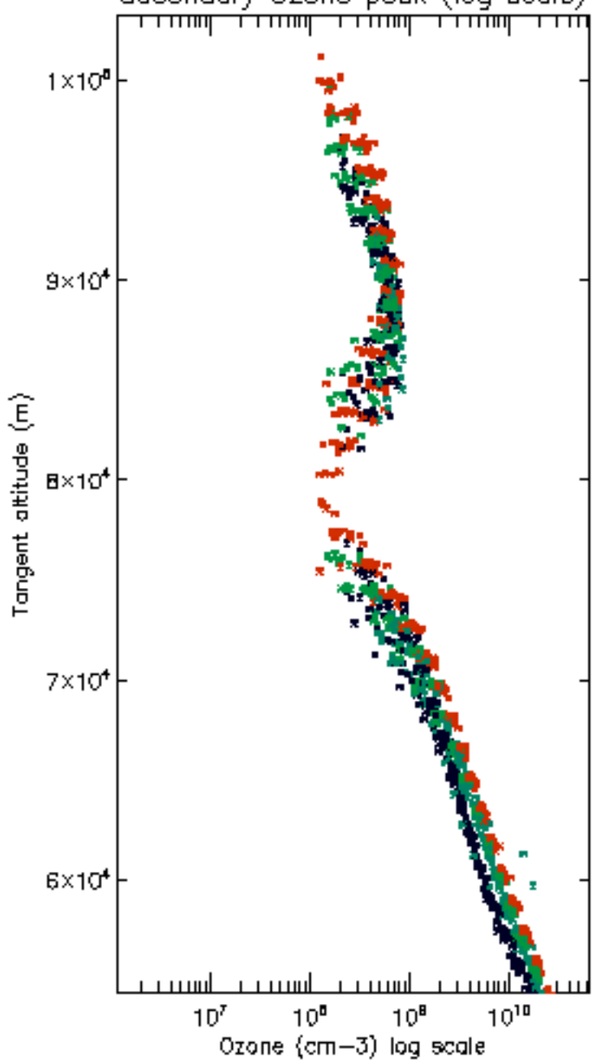


Ozone profiles

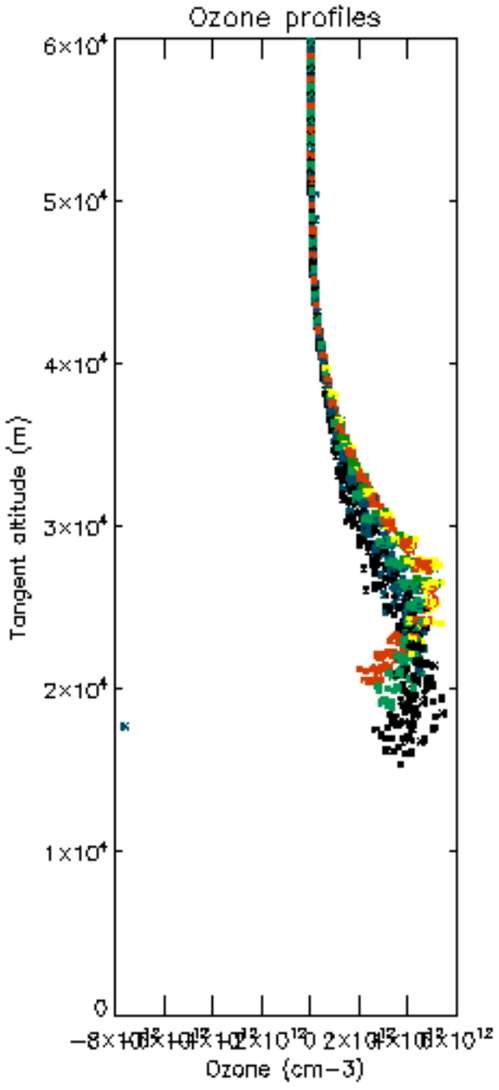
Zoom

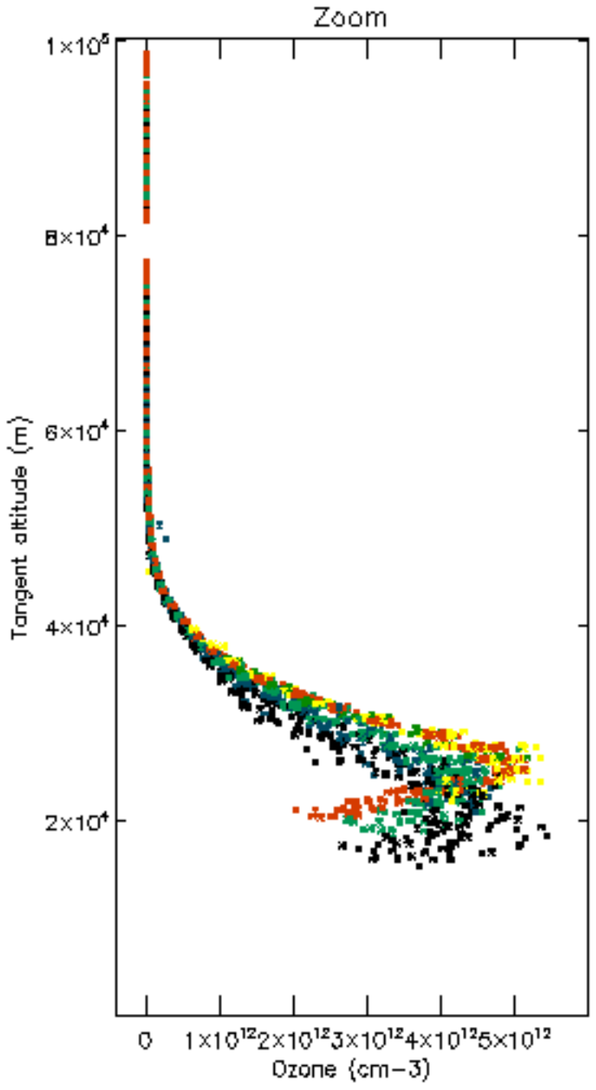


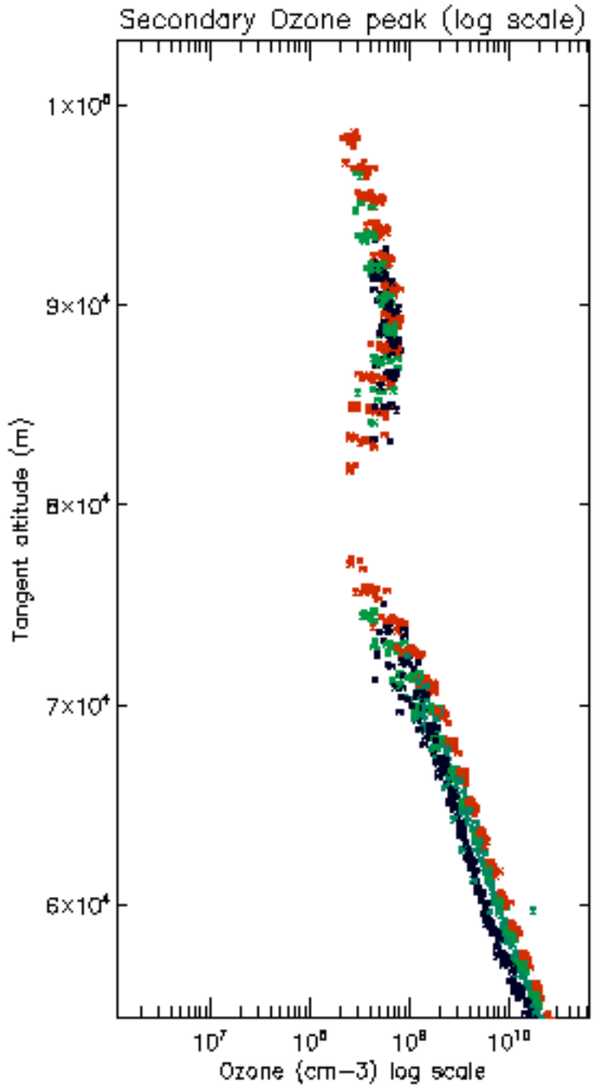
Secondary Ozone peak (log scale)

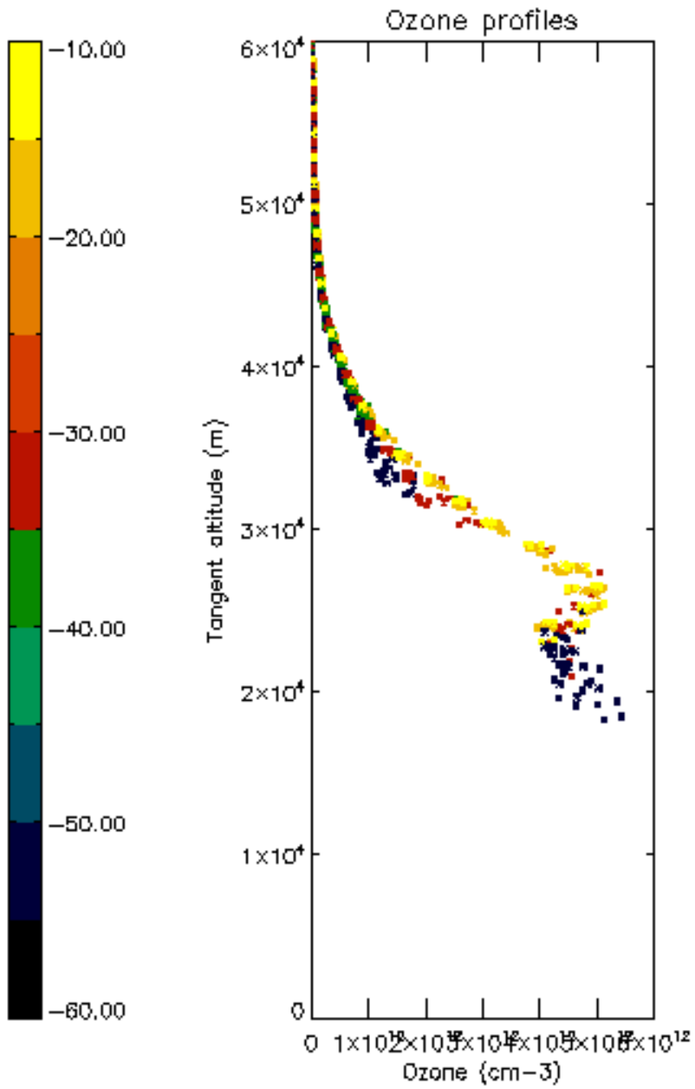



10.00
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00


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

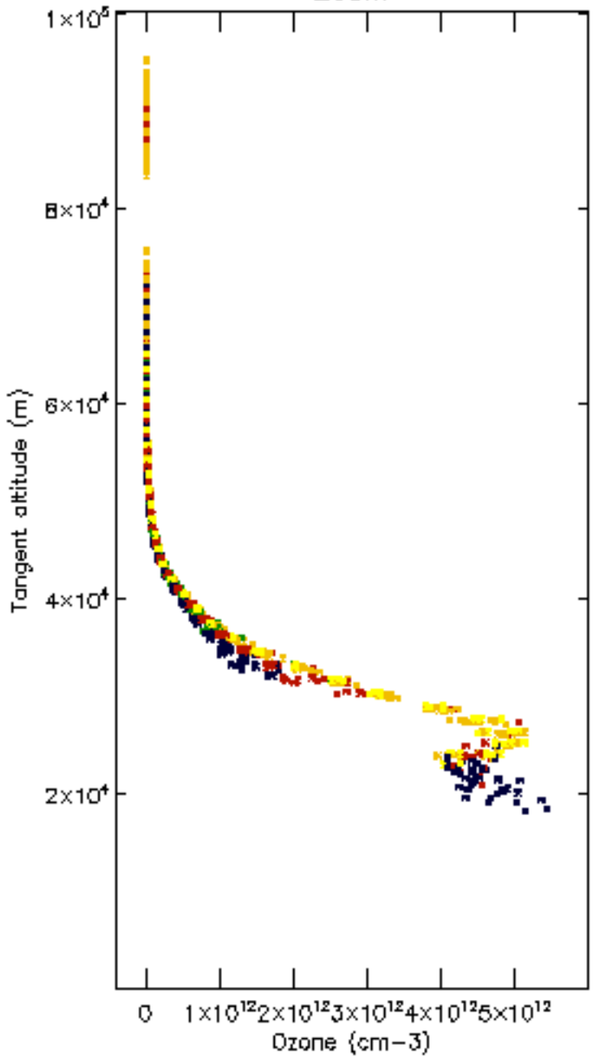

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)


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

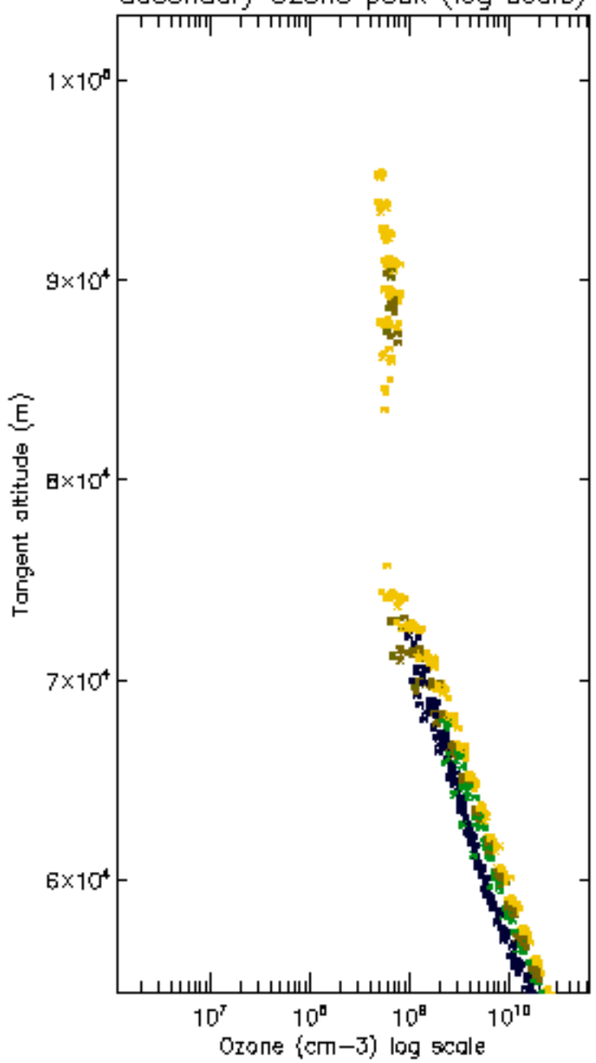


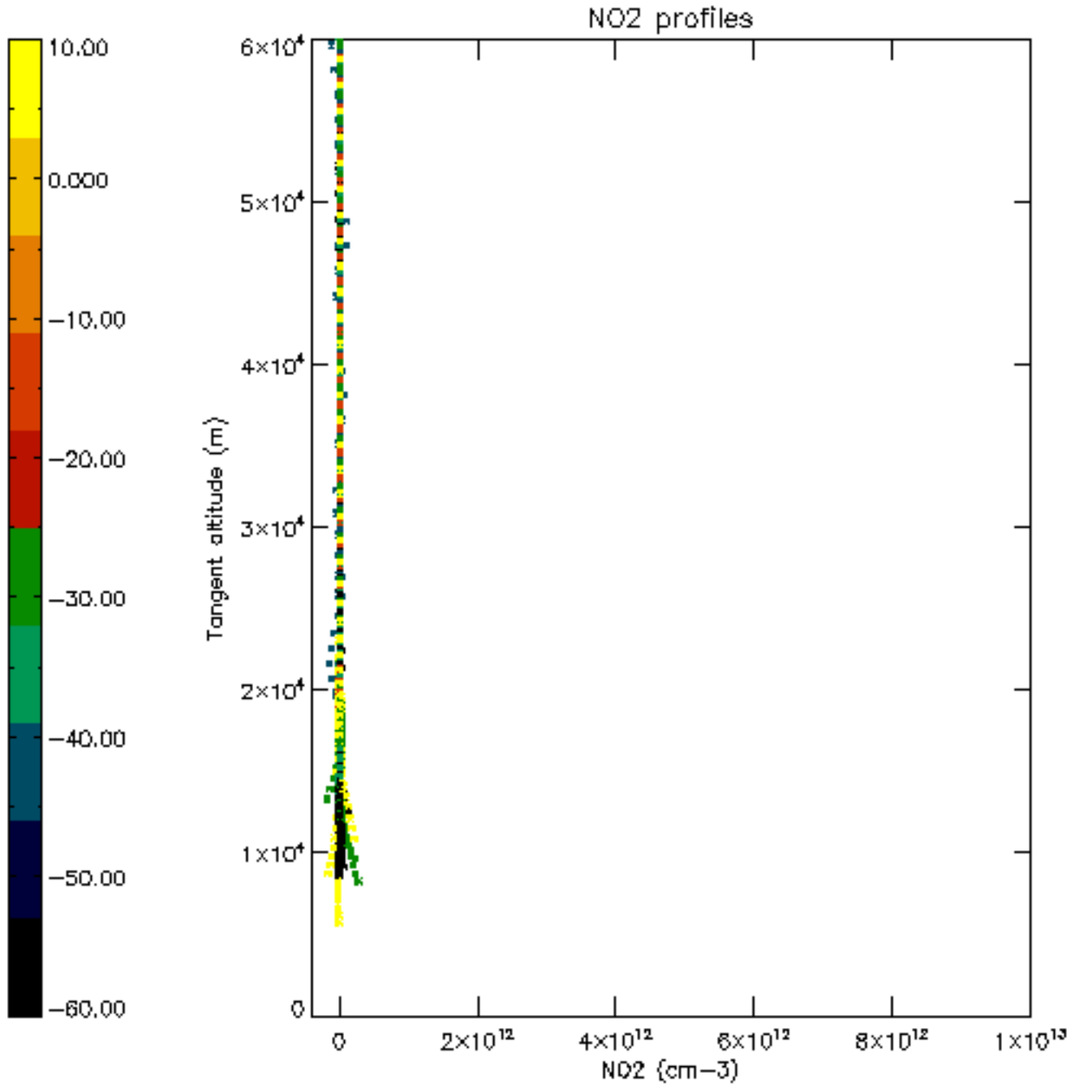
Ozone profiles

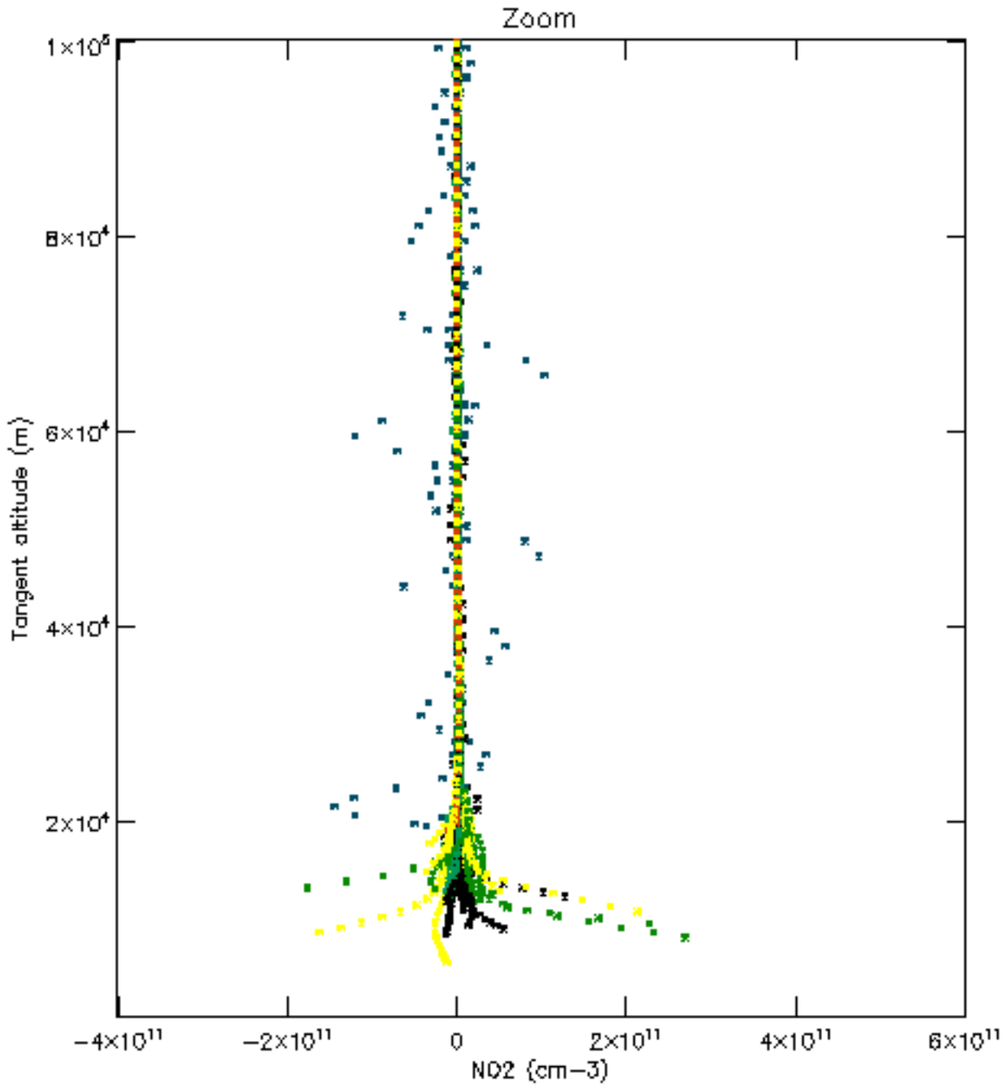
Zoom

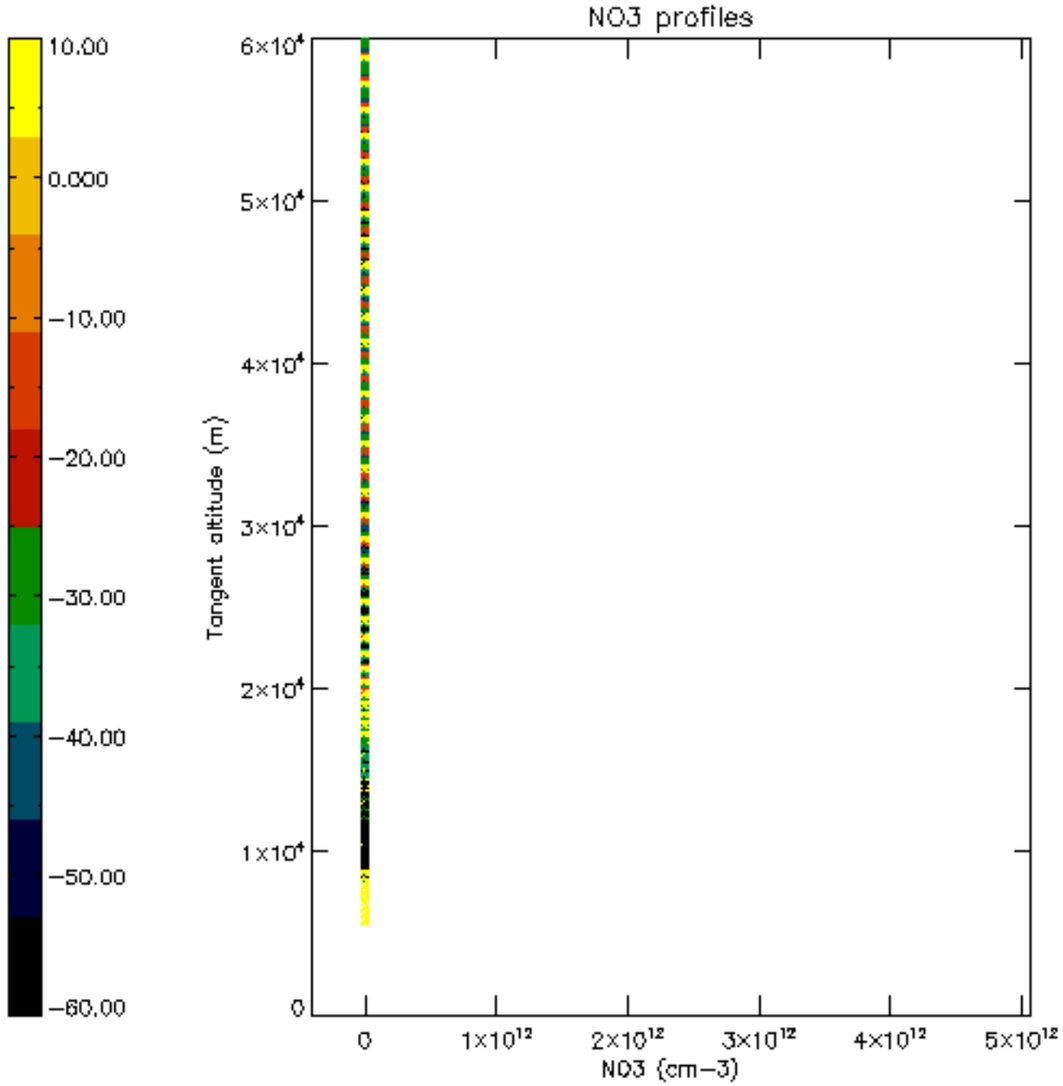


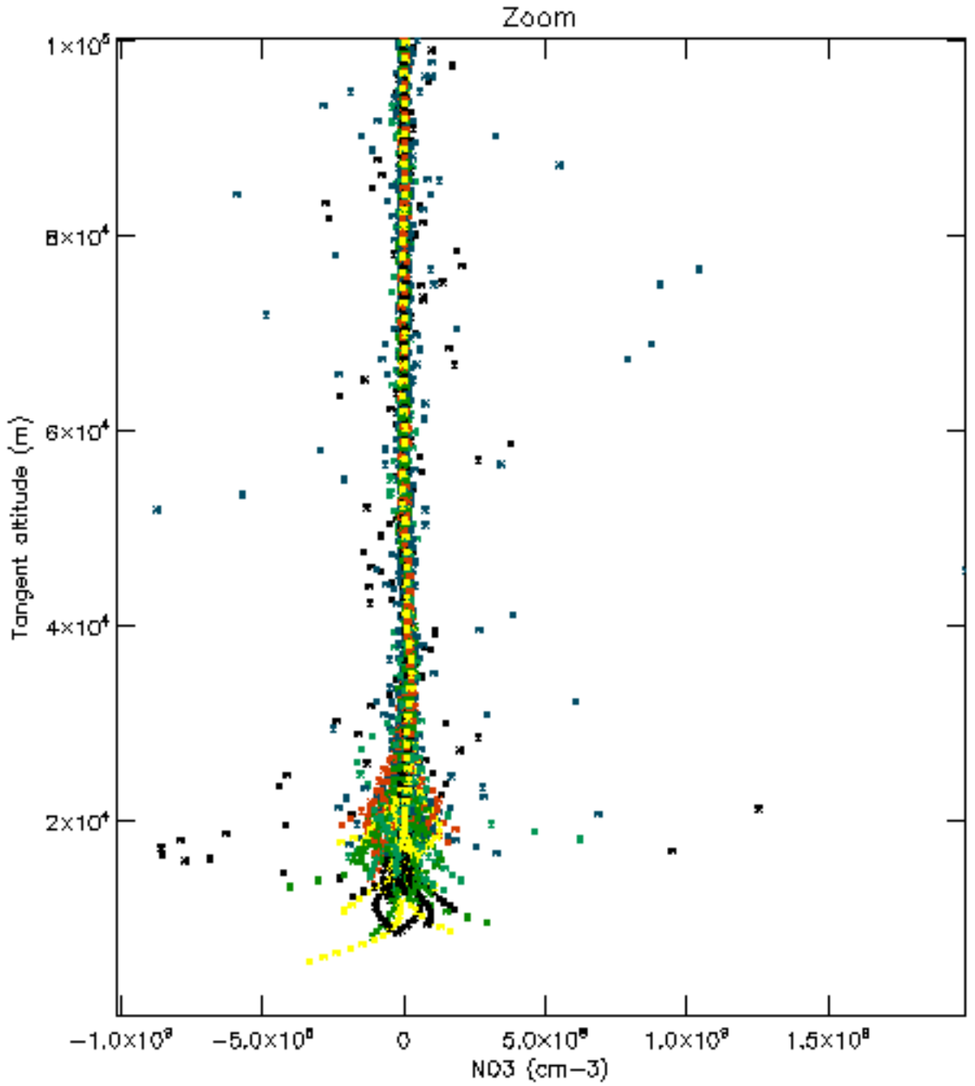
Secondary Ozone peak (log scale)




NO2 profiles
10.00
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−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
10.00
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−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)