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	19APR2013 08:40:44
Data source version	GOMOS/6.01
Start time of products	02-02-2003 (02FEB2003 00:00:00)
Stop time of products	03-02-2003 (03FEB2003 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	434
Nb of prods with errors	40

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__2PRFIN20030202_012526_000000452013_00275_04838_5303.N1	02-FEB-2003 01:25:26	Dark	45.000	43	Alp TrA	1.9100	4250.0	90	4838	No
2	GOM_NL__2PRFIN20030202_012654_000000382013_00275_04838_5304.N1	02-FEB-2003 01:26:54	Dark	37.500	145	Gam TrA	2.8720	10600.	75	4838	No
3	GOM_NL__2PRFIN20030202_013131_000000462013_00275_04838_5305.N1	02-FEB-2003 01:31:31	Dark	46.000	12	Alp1Cru	0.77500	30000.	92	4838	No
4	GOM_NL__2PRFIN20030202_013500_000000392013_00275_04838_5306.N1	02-FEB-2003 01:35:00	Dark	38.500	29	Bet Car	1.6720	10200.	77	4838	No
5	GOM_NL__2PRFIN20030202_013722_000000402013_00275_04838_5307.N1	02-FEB-2003 01:37:22	Dark	40.000	71	Iot Car	2.2460	7700.0	80	4838	No
6	GOM_NL__2PRFIN20030202_013906_000000412013_00275_04838_5308.N1	02-FEB-2003 01:39:06	Dark	40.500	46	Del Vel	1.9540	10600.	81	4838	No
7	GOM_NL__2PRFIN20030202_014137_000000422013_00275_04838_5309.N1	02-FEB-2003 01:41:37	Dark	42.000	34	Gam2Vel	1.7930	23000.	84	4838	No
8	GOM_NL__2PRFIN20030202_014342_000000432013_00275_04838_5310.N1	02-FEB-2003 01:43:42	Straylight	42.500	70	Zet Pup	2.2460	39000.	85	4838	No
9	GOM_NL__2PRFIN20030202_014650_000002132013_00275_04838_5311.N1	02-FEB-2003 01:46:50	Straylight	213.00	100	4Gam Crv	2.5800	13100.	426	4838	No
10	GOM_NL__2PRFIN20030202_015237_000000642013_00275_04838_5312.N1	02-FEB-2003 01:52:37	Straylight	64.000	48	30Alp Hya	1.9770	4100.0	128	4838	No
11	GOM_NL__2PRFIN20030202_015647_000000482013_00275_04838_5313.N1	02-FEB-2003 01:56:47	Twi_and_stray	47.500	8	10Alp CMi	0.40000	6500.0	95	4838	No
12	GOM_NL__2PRFIN20030202_020141_000000552013_00275_04838_5314.N1	02-FEB-2003 02:01:41	Dark	55.000	1015	Jupiter	0.0000	0.0000	110	4838	Yes
13	GOM_NL__2PRFIN20030202_020326_000000432013_00275_04838_5315.N1	02-FEB-2003 02:03:26	Bright	43.000	17	78Bet Gem	1.1610	4500.0	86	4838	No
14	GOM_NL__2PRFIN20030202_020625_000000372013_00275_04838_5316.N1	02-FEB-2003 02:06:25	Bright	37.000	107	37The Aur	2.6490	11000.	74	4838	No
15	GOM_NL__2PRFIN20030202_020830_000000392013_00275_04838_5317.N1	02-FEB-2003 02:08:30	Bright	39.000	42	34Bet Aur	1.9000	10200.	78	4838	No
16	GOM_NL__2PRFIN20030202_021740_000000482013_00275_04838_5318.N1	02-FEB-2003 02:17:40	Bright	47.500	82	48Bet UMa	2.3650	10600.	95	4838	No
17	GOM_NL__2PRFIN20030202_022043_000000352013_00275_04838_5319.N1	02-FEB-2003 02:20:43	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	4838	No
18	GOM_NL__2PRFIN20030202_022345_000000392013_00275_04838_5320.N1	02-FEB-2003 02:23:45	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	4838	No
19	GOM_NL__2PRFIN20030202_022537_000000572013_00275_04838_5321.N1	02-FEB-2003 02:25:37	Bright	57.000	55	79Zet UMa	2.0600	10200.	114	4838	No
20	GOM_NL__2PRFIN20030202_022829_000000412013_00275_04838_5322.N1	02-FEB-2003 02:28:29	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	4838	No
21	GOM_NL__2PRFIN20030202_023142_000000402013_00275_04838_5323.N1	02-FEB-2003 02:31:42	Bright	40.000	130	23Bet Dra	2.7990	5800.0	80	4838	No
22	GOM_NL__2PRFIN20030202_023522_000000372013_00275_04838_5324.N1	02-FEB-2003 02:35:22	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	4838	No
23	GOM_NL__2PRFIN20030202_023824_000000452013_00275_04838_5325.N1	02-FEB-2003 02:38:24	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	4838	No
24	GOM_NL__2PRFIN20030202_024237_000001172013_00275_04838_5326.N1	02-FEB-2003 02:42:37	Twi_and_stray	116.50	83		2.3780	11000.	233	4838	No
25	GOM_NL__2PRFIN20030202_024925_000000742013_00275_04838_5327.N1	02-FEB-2003 02:49:25	Twi_and_stray	74.000	102	24Alp Ser	2.6000	4250.0	148	4838	No
26	GOM_NL__2PRFIN20030202_025238_000000012013_00275_04838_5328.N1	02-FEB-2003 02:52:38	Dark	0.50000	1012	Venus	0.0000	0.0000	1	4838	Yes
27	GOM_NL__2PRFIN20030202_025510_000000512013_00275_04838_5329.N1	02-FEB-2003 02:55:10	Dark	50.500	1014	Mars	0.0000	0.0000	101	4838	Yes
28	GOM_NL__2PRFIN20030202_025636_000000522013_00275_04838_5330.N1	02-FEB-2003 02:56:36	Dark	51.500	16	21Alp Sco	1.0200	3000.0	103	4838	No
29	GOM_NL__2PRFIN20030202_025844_000000432013_00275_04838_5331.N1	02-FEB-2003 02:58:44	Dark	43.000	40	The Sco	1.8590	7100.0	86	4838	No
30	GOM_NL__2PRFIN20030202_030037_000000372013_00275_04838_5332.N1	02-FEB-2003 03:00:37	Dark	37.000	147	Alp Ara	2.8770	26000.	74	4838	No
31	GOM_NL__2PRFIN20030202_030225_000000432013_00275_04838_5333.N1	02-FEB-2003 03:02:25	Dark	42.500	131	Gam Lup	2.8000	26000.	85	4838	No
32	GOM_NL__2PRFIN20030202_030602_000000452013_00276_04839_5303.N1	02-FEB-2003 03:06:02	Dark	44.500	43	Alp TrA	1.9100	4250.0	89	4839	No
33	GOM_NL__2PRFIN20030202_030731_000000382013_00276_04839_5304.N1	02-FEB-2003 03:07:31	Dark	37.500	145	Gam TrA	2.8720	10600.	75	4839	No
34	GOM_NL__2PRFIN20030202_031208_000000512013_00276_04839_5305.N1	02-FEB-2003 03:12:08	Dark	50.500	12	Alp1Cru	0.77500	30000.	101	4839	No
35	GOM_NL__2PRFIN20030202_031536_000000482013_00276_04839_5306.N1	02-FEB-2003 03:15:36	Dark	48.000	29	Bet Car	1.6720	10200.	96	4839	No
36	GOM_NL__2PRFIN20030202_031759_000000392013_00276_04839_5307.N1	02-FEB-2003 03:17:59	Dark	39.000	71	Iot Car	2.2460	7700.0	78	4839	No
37	GOM_NL__2PRFIN20030202_031943_000000392013_00276_04839_5308.N1	02-FEB-2003 03:19:43	Dark	39.000	46	Del Vel	1.9540	10600.	78	4839	No
38	GOM_NL__2PRFIN20030202_032214_000000422013_00276_04839_5309.N1	02-FEB-2003 03:22:14	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	4839	No
39	GOM_NL__2PRFIN20030202_032419_000000422013_00276_04839_5310.N1	02-FEB-2003 03:24:19	Straylight	41.500	70	Zet Pup	2.2460	39000.	83	4839	No
40	GOM_NL__2PRFIN20030202_032727_000002132013_00276_04839_5311.N1	02-FEB-2003 03:27:27	Straylight	213.00	100	4Gam Crv	2.5800	13100.	426	4839	No
41	GOM_NL__2PRFIN20030202_033314_000000662013_00276_04839_5312.N1	02-FEB-2003 03:33:14	Straylight	65.500	48	30Alp Hya	1.9770	4100.0	131	4839	No
42	GOM_NL__2PRFIN20030202_033724_000000532013_00276_04839_5313.N1	02-FEB-2003 03:37:24	Twi_and_stray	53.000	8	10Alp CMi	0.40000	6500.0	106	4839	No

43	GOM_NL__2PRFIN20030202_034216_000000552013_00276_04839_5314.N1	02-FEB-2003 03:42:16	Dark	54.500	1015	Jupiter	0.0000	0.0000	109	4839	Yes
44	GOM_NL__2PRFIN20030202_034403_000000422013_00276_04839_5315.N1	02-FEB-2003 03:44:03	Bright	42.000	17	78Bet Gem	1.1610	4500.0	84	4839	No
45	GOM_NL__2PRFIN20030202_034701_000000382013_00276_04839_5316.N1	02-FEB-2003 03:47:01	Bright	37.500	107	37The Aur	2.6490	11000.	75	4839	No
46	GOM_NL__2PRFIN20030202_034906_000000382013_00276_04839_5317.N1	02-FEB-2003 03:49:06	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	4839	No
47	GOM_NL__2PRFIN20030202_035815_000000492013_00276_04839_5318.N1	02-FEB-2003 03:58:15	Bright	48.500	82	48Bet UMa	2.3650	10600.	97	4839	No
48	GOM_NL__2PRFIN20030202_040119_000000382013_00276_04839_5319.N1	02-FEB-2003 04:01:19	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	4839	No
49	GOM_NL__2PRFIN20030202_040421_000000392013_00276_04839_5320.N1	02-FEB-2003 04:04:21	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	4839	No
50	GOM_NL__2PRFIN20030202_040612_000000582013_00276_04839_5321.N1	02-FEB-2003 04:06:12	Bright	57.500	55	79Zet UMa	2.0600	10200.	115	4839	No
51	GOM_NL__2PRFIN20030202_040904_000000412013_00276_04839_5322.N1	02-FEB-2003 04:09:04	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	4839	No
52	GOM_NL__2PRFIN20030202_041217_000000392013_00276_04839_5323.N1	02-FEB-2003 04:12:17	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	4839	No
53	GOM_NL__2PRFIN20030202_041557_000000362013_00276_04839_5324.N1	02-FEB-2003 04:15:57	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	4839	No
54	GOM_NL__2PRFIN20030202_041859_000000442013_00276_04839_5325.N1	02-FEB-2003 04:18:59	Bright	44.000	133	40Zet Her	2.8070	6000.0	88	4839	No
55	GOM_NL__2PRFIN20030202_042314_000001052013_00276_04839_5326.N1	02-FEB-2003 04:23:14	Twi_and_stray	104.50	83		2.3780	11000.	209	4839	No
56	GOM_NL__2PRFIN20030202_043001_000000762013_00276_04839_5327.N1	02-FEB-2003 04:30:01	Twi_and_stray	76.000	102	24Alp Ser	2.6000	4250.0	152	4839	No
57	GOM_NL__2PRFIN20030202_043314_000000012013_00276_04839_5328.N1	02-FEB-2003 04:33:14	Dark	0.50000	1012	Venus	0.0000	0.0000	1	4839	Yes
58	GOM_NL__2PRFIN20030202_043545_000000522013_00276_04839_5329.N1	02-FEB-2003 04:35:45	Dark	51.500	1014	Mars	0.0000	0.0000	103	4839	Yes
59	GOM_NL__2PRFIN20030202_043712_000000572013_00276_04839_5330.N1	02-FEB-2003 04:37:12	Dark	57.000	16	21Alp Sco	1.0200	3000.0	114	4839	No
60	GOM_NL__2PRFIN20030202_043921_000000422013_00276_04839_5331.N1	02-FEB-2003 04:39:21	Dark	42.000	40	The Sco	1.8590	7100.0	84	4839	No
61	GOM_NL__2PRFIN20030202_044113_000000382013_00276_04839_5332.N1	02-FEB-2003 04:41:13	Dark	38.000	147	Alp Ara	2.8770	26000.	76	4839	No
62	GOM_NL__2PRFIN20030202_044301_000000452013_00276_04839_5333.N1	02-FEB-2003 04:43:01	Dark	45.000	131	Gam Lup	2.8000	26000.	90	4839	No
63	GOM_NL__2PRFIN20030202_044638_000000392013_00277_04840_5303.N1	02-FEB-2003 04:46:38	Dark	39.000	43	Alp TrA	1.9100	4250.0	78	4840	No
64	GOM_NL__2PRFIN20030202_044807_000000382013_00277_04840_5304.N1	02-FEB-2003 04:48:07	Dark	38.000	145	Gam TrA	2.8720	10600.	76	4840	No
65	GOM_NL__2PRFIN20030202_045244_000000492013_00277_04840_5305.N1	02-FEB-2003 04:52:44	Dark	48.500	12	Alp1Cru	0.77500	30000.	97	4840	No
66	GOM_NL__2PRFIN20030202_045612_000000392013_00277_04840_5306.N1	02-FEB-2003 04:56:12	Dark	39.000	29	Bet Car	1.6720	10200.	78	4840	No
67	GOM_NL__2PRFIN20030202_045835_000000392013_00277_04840_5307.N1	02-FEB-2003 04:58:35	Dark	38.500	71	Iot Car	2.2460	7700.0	77	4840	No
68	GOM_NL__2PRFIN20030202_050019_000000402013_00277_04840_5308.N1	02-FEB-2003 05:00:19	Dark	39.500	46	Del Vel	1.9540	10600.	79	4840	No
69	GOM_NL__2PRFIN20030202_050250_000000412013_00277_04840_5309.N1	02-FEB-2003 05:02:50	Dark	40.500	34	Gam2Vel	1.7930	23000.	81	4840	No
70	GOM_NL__2PRFIN20030202_050455_000000402013_00277_04840_5310.N1	02-FEB-2003 05:04:55	Straylight	39.500	70	Zet Pup	2.2460	39000.	79	4840	No
71	GOM_NL__2PRFIN20030202_050617_000000432013_00277_04840_5311.N1	02-FEB-2003 05:06:17	Straylight	43.000	117	Pi Pup	2.7060	3800.0	86	4840	No
72	GOM_NL__2PRFIN20030202_050843_000000432013_00277_04840_5312.N1	02-FEB-2003 05:08:43	Straylight	43.000	23	21Eps CMa	1.5020	26000.	86	4840	No
73	GOM_NL__2PRFIN20030202_051006_000000402013_00277_04840_5313.N1	02-FEB-2003 05:10:06	Straylight	40.000	179	24Omi2CMa	3.0320	24000.	80	4840	No
74	GOM_NL__2PRFIN20030202_051215_000000502013_00277_04840_5314.N1	02-FEB-2003 05:12:15	Straylight	50.000	1	9Alp CMa	-1.4400	11000.	100	4840	No
75	GOM_NL__2PRFIN20030202_051349_000000652013_00277_04840_5315.N1	02-FEB-2003 05:13:49	Straylight	64.500	48	30Alp Hya	1.9770	4100.0	129	4840	No
76	GOM_NL__2PRFIN20030202_051800_000000532013_00277_04840_5316.N1	02-FEB-2003 05:18:00	Twi_and_stray	53.000	8	10Alp CMi	0.40000	6500.0	106	4840	No
77	GOM_NL__2PRFIN20030202_052251_000000552013_00277_04840_5317.N1	02-FEB-2003 05:22:51	Dark	55.000	1015	Jupiter	0.0000	0.0000	110	4840	Yes
78	GOM_NL__2PRFIN20030202_052439_000000432013_00277_04840_5318.N1	02-FEB-2003 05:24:39	Bright	42.500	17	78Bet Gem	1.1610	4500.0	85	4840	No
79	GOM_NL__2PRFIN20030202_052738_000000362013_00277_04840_5319.N1	02-FEB-2003 05:27:38	Bright	36.000	107	37The Aur	2.6490	11000.	72	4840	No
80	GOM_NL__2PRFIN20030202_052942_000000382013_00277_04840_5320.N1	02-FEB-2003 05:29:42	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	4840	No
81	GOM_NL__2PRFIN20030202_053850_000000502013_00277_04840_5321.N1	02-FEB-2003 05:38:50	Bright	50.000	82	48Bet UMa	2.3650	10600.	100	4840	No
82	GOM_NL__2PRFIN20030202_054154_000000372013_00277_04840_5322.N1	02-FEB-2003 05:41:54	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	4840	No
83	GOM_NL__2PRFIN20030202_054456_000000392013_00277_04840_5323.N1	02-FEB-2003 05:44:56	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	4840	No
84	GOM_NL__2PRFIN20030202_054646_000000582013_00277_04840_5324.N1	02-FEB-2003 05:46:46	Bright	58.000	55	79Zet UMa	2.0600	10200.	116	4840	No
85	GOM_NL__2PRFIN20030202_054940_000000432013_00277_04840_5325.N1	02-FEB-2003 05:49:40	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	4840	No
86	GOM_NL__2PRFIN20030202_055252_000000402013_00277_04840_5326.N1	02-FEB-2003 05:52:52	Bright	40.000	130	23Bet Dra	2.7990	5800.0	80	4840	No
87	GOM_NL__2PRFIN20030202_055633_000000392013_00277_04840_5327.N1	02-FEB-2003 05:56:33	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	4840	No
88	GOM_NL__2PRFIN20030202_055935_000000472013_00277_04840_5328.N1	02-FEB-2003 05:59:35	Bright	46.500	133	40Zet Her	2.8070	6000.0	93	4840	No
89	GOM_NL__2PRFIN20030202_060351_000001102013_00277_04840_5329.N1	02-FEB-2003 06:03:51	Twi_and_stray	109.50	83		2.3780	11000.	219	4840	No
90	GOM_NL__2PRFIN20030202_061038_000000742013_00277_04840_5330.N1	02-FEB-2003 06:10:38	Twi_and_stray	74.000	102	24Alp Ser	2.6000	4250.0	148	4840	No
91	GOM_NL__2PRFIN20030202_061349_000000012013_00277_04840_5331.N1	02-FEB-2003 06:13:49	Dark	0.50000	1012	Venus	0.0000	0.0000	1	4840	Yes
92	GOM_NL__2PRFIN20030202_061621_000000512013_00277_04840_5332.N1	02-FEB-2003 06:16:21	Dark	50.500	1014	Mars	0.0000	0.0000	101	4840	Yes
93	GOM_NL__2PRFIN20030202_061815_000000722013_00277_04840_5333.N1	02-FEB-2003 06:18:15	Dark	72.000	104	27Bet Lib	2.6140	13100.	144	4840	No
94	GOM_NL__2PRFIN20030202_062149_000000372013_00277_04840_5334.N1	02-FEB-2003 06:21:49	Dark	37.000	147	Alp Ara	2.8770	26000.	74	4840	No
95	GOM_NL__2PRFIN20030202_062337_000000472013_00277_04840_5335.N1	02-FEB-2003 06:23:37	Dark	46.500	131	Gam Lup	2.8000	26000.	93	4840	No
96	GOM_NL__2PRFIN20030202_062714_000000502013_00278_04841_5303.N1	02-FEB-2003 06:27:14	Dark	50.000	43	Alp TrA	1.9100	4250.0	100	4841	No
97	GOM_NL__2PRFIN20030202_062843_000000382013_00278_04841_5304.N1	02-FEB-2003 06:28:43	Dark	37.500	145	Gam TrA	2.8720	10600.	75	4841	No
98	GOM_NL__2PRFIN20030202_063321_000000512013_00278_04841_5305.N1	02-FEB-2003 06:33:21	Dark	50.500	12	Alp1Cru	0.77500	30000.	101	4841	No
99	GOM_NL__2PRFIN20030202_063648_000000382013_00278_04841_5306.N1	02-FEB-2003 06:36:48	Dark	38.000	29	Bet Car	1.6720	10200.	76	4841	No
100	GOM_NL__2PRFIN20030202_063911_000000392013_00278_04841_5307.N1	02-FEB-2003 06:39:11	Dark	39.000	71	Iot Car	2.2460	7700.0	78	4841	No
101	GOM_NL__2PRFIN20030202_064055_000000452013_00278_04841_5308.N1	02-FEB-2003 06:40:55	Dark	44.500	46	Del Vel	1.9540	10600.	89	4841	No

102	GOM_NL__2PRFIN20030202_064326_000000402013_00278_04841_5309.N1	02-FEB-2003 06:43:26	Dark	39.500	34	Gam2Vel	1.7930	23000.	79	4841	No
103	GOM_NL__2PRFIN20030202_064531_000000412013_00278_04841_5310.N1	02-FEB-2003 06:45:31	Straylight	40.500	70	Zet Pup	2.2460	39000.	81	4841	No
104	GOM_NL__2PRFIN20030202_064653_000000452013_00278_04841_5311.N1	02-FEB-2003 06:46:53	Straylight	44.500	117	Pi Pup	2.7060	3800.0	89	4841	No
105	GOM_NL__2PRFIN20030202_064919_000000422013_00278_04841_5312.N1	02-FEB-2003 06:49:19	Straylight	42.000	23	21Eps CMa	1.5020	26000.	84	4841	No
106	GOM_NL__2PRFIN20030202_065042_000000392013_00278_04841_5313.N1	02-FEB-2003 06:50:42	Straylight	39.000	179	24Omi2CMa	3.0320	24000.	78	4841	No
107	GOM_NL__2PRFIN20030202_065251_000000472013_00278_04841_5314.N1	02-FEB-2003 06:52:51	Straylight	46.500	1	9Alp CMa	-1.4400	11000.	93	4841	No
108	GOM_NL__2PRFIN20030202_065425_000000632013_00278_04841_5315.N1	02-FEB-2003 06:54:25	Straylight	63.000	48	30Alp Hya	1.9770	4100.0	126	4841	No
109	GOM_NL__2PRFIN20030202_065836_000000512013_00278_04841_5316.N1	02-FEB-2003 06:58:36	Twi_and_stray	50.500	8	10Alp CMi	0.40000	6500.0	101	4841	No
110	GOM_NL__2PRFIN20030202_070327_000000552013_00278_04841_5317.N1	02-FEB-2003 07:03:27	Dark	55.000	1015	Jupiter	0.0000	0.0000	110	4841	Yes
111	GOM_NL__2PRFIN20030202_070514_000000432013_00278_04841_5318.N1	02-FEB-2003 07:05:14	Bright	43.000	17	78Bet Gem	1.1610	4500.0	86	4841	No
112	GOM_NL__2PRFIN20030202_070814_000000372013_00278_04841_5319.N1	02-FEB-2003 07:08:14	Bright	37.000	107	37The Aur	2.6490	11000.	74	4841	No
113	GOM_NL__2PRFIN20030202_071018_000000382013_00278_04841_5320.N1	02-FEB-2003 07:10:18	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	4841	No
114	GOM_NL__2PRFIN20030202_071925_000000502013_00278_04841_5321.N1	02-FEB-2003 07:19:25	Bright	50.000	82	48Bet UMa	2.3650	10600.	100	4841	No
115	GOM_NL__2PRFIN20030202_072230_000000382013_00278_04841_5322.N1	02-FEB-2003 07:22:30	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	4841	No
116	GOM_NL__2PRFIN20030202_072532_000000382013_00278_04841_5323.N1	02-FEB-2003 07:25:32	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	4841	No
117	GOM_NL__2PRFIN20030202_072721_000000582013_00278_04841_5324.N1	02-FEB-2003 07:27:21	Bright	58.000	55	79Zet UMa	2.0600	10200.	116	4841	No
118	GOM_NL__2PRFIN20030202_073016_000000422013_00278_04841_5325.N1	02-FEB-2003 07:30:16	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	4841	No
119	GOM_NL__2PRFIN20030202_073329_000000392013_00278_04841_5326.N1	02-FEB-2003 07:33:29	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	4841	No
120	GOM_NL__2PRFIN20030202_073709_000000372013_00278_04841_5327.N1	02-FEB-2003 07:37:09	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	4841	No
121	GOM_NL__2PRFIN20030202_074011_000000462013_00278_04841_5328.N1	02-FEB-2003 07:40:11	Bright	46.000	133	40Zet Her	2.8070	6000.0	92	4841	No
122	GOM_NL__2PRFIN20030202_074428_000001202013_00278_04841_5329.N1	02-FEB-2003 07:44:28	Twi_and_stray	119.50	83		2.3780	11000.	239	4841	No
123	GOM_NL__2PRFIN20030202_075116_000000692013_00278_04841_5330.N1	02-FEB-2003 07:51:16	Twi_and_stray	68.500	102	24Alp Ser	2.6000	4250.0	137	4841	No
124	GOM_NL__2PRFIN20030202_075425_000000012013_00278_04841_5331.N1	02-FEB-2003 07:54:25	Dark	0.50000	1012	Venus	0.0000	0.0000	1	4841	Yes
125	GOM_NL__2PRFIN20030202_075658_000000572013_00278_04841_5332.N1	02-FEB-2003 07:56:58	Dark	57.000	1014	Mars	0.0000	0.0000	114	4841	Yes
126	GOM_NL__2PRFIN20030202_075852_000000702013_00278_04841_5333.N1	02-FEB-2003 07:58:52	Dark	70.000	104	27Bet Lib	2.6140	13100.	140	4841	No
127	GOM_NL__2PRFIN20030202_080226_000000392013_00278_04841_5334.N1	02-FEB-2003 08:02:26	Dark	38.500	147	Alp Ara	2.8770	26000.	77	4841	No
128	GOM_NL__2PRFIN20030202_080413_000000482013_00278_04841_5335.N1	02-FEB-2003 08:04:13	Dark	47.500	131	Gam Lup	2.8000	26000.	95	4841	No
129	GOM_NL__2PRFIN20030202_080750_000000462013_00279_04842_5303.N1	02-FEB-2003 08:07:50	Dark	46.000	43	Alp TrA	1.9100	4250.0	92	4842	No
130	GOM_NL__2PRFIN20030202_080919_000000402013_00279_04842_5304.N1	02-FEB-2003 08:09:19	Dark	39.500	145	Gam TrA	2.8720	10600.	79	4842	No
131	GOM_NL__2PRFIN20030202_081357_000000412013_00279_04842_5305.N1	02-FEB-2003 08:13:57	Dark	41.000	12	Alp1Cru	0.77500	30000.	82	4842	No
132	GOM_NL__2PRFIN20030202_081725_000000392013_00279_04842_5306.N1	02-FEB-2003 08:17:25	Dark	39.000	29	Bet Car	1.6720	10200.	78	4842	No
133	GOM_NL__2PRFIN20030202_081947_000000392013_00279_04842_5307.N1	02-FEB-2003 08:19:47	Dark	39.000	71	Iot Car	2.2460	7700.0	78	4842	No
134	GOM_NL__2PRFIN20030202_082131_000000422013_00279_04842_5308.N1	02-FEB-2003 08:21:31	Dark	42.000	46	Del Vel	1.9540	10600.	84	4842	No
135	GOM_NL__2PRFIN20030202_082402_000000402013_00279_04842_5309.N1	02-FEB-2003 08:24:02	Dark	39.500	34	Gam2Vel	1.7930	23000.	79	4842	No
136	GOM_NL__2PRFIN20030202_082607_000000412013_00279_04842_5310.N1	02-FEB-2003 08:26:07	Straylight	40.500	70	Zet Pup	2.2460	39000.	81	4842	No
137	GOM_NL__2PRFIN20030202_082729_000000442013_00279_04842_5311.N1	02-FEB-2003 08:27:29	Straylight	44.000	117	Pi Pup	2.7060	3800.0	88	4842	No
138	GOM_NL__2PRFIN20030202_082955_000000422013_00279_04842_5312.N1	02-FEB-2003 08:29:55	Straylight	42.000	23	21Eps CMa	1.5020	26000.	84	4842	No
139	GOM_NL__2PRFIN20030202_083118_000000382013_00279_04842_5313.N1	02-FEB-2003 08:31:18	Straylight	38.000	179	24Omi2CMa	3.0320	24000.	76	4842	No
140	GOM_NL__2PRFIN20030202_083328_000000472013_00279_04842_5314.N1	02-FEB-2003 08:33:28	Straylight	46.500	1	9Alp CMa	-1.4400	11000.	93	4842	No
141	GOM_NL__2PRFIN20030202_083501_000000672013_00279_04842_5315.N1	02-FEB-2003 08:35:01	Straylight	66.500	48	30Alp Hya	1.9770	4100.0	133	4842	No
142	GOM_NL__2PRFIN20030202_083912_000000522013_00279_04842_5316.N1	02-FEB-2003 08:39:12	Twi_and_stray	51.500	8	10Alp CMi	0.40000	6500.0	103	4842	No
143	GOM_NL__2PRFIN20030202_084402_000000562013_00279_04842_5317.N1	02-FEB-2003 08:44:02	Dark	55.500	1015	Jupiter	0.0000	0.0000	111	4842	Yes
144	GOM_NL__2PRFIN20030202_084550_000000432013_00279_04842_5318.N1	02-FEB-2003 08:45:50	Bright	42.500	17	78Bet Gem	1.1610	4500.0	85	4842	No
145	GOM_NL__2PRFIN20030202_084850_000000382013_00279_04842_5319.N1	02-FEB-2003 08:48:50	Bright	37.500	107	37The Aur	2.6490	11000.	75	4842	No
146	GOM_NL__2PRFIN20030202_085054_000000362013_00279_04842_5320.N1	02-FEB-2003 08:50:54	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	4842	No
147	GOM_NL__2PRFIN20030202_085959_000000512013_00279_04842_5321.N1	02-FEB-2003 08:59:59	Bright	50.500	82	48Bet UMa	2.3650	10600.	101	4842	No
148	GOM_NL__2PRFIN20030202_090306_000000342013_00279_04842_5322.N1	02-FEB-2003 09:03:06	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	4842	No
149	GOM_NL__2PRFIN20030202_090608_000000412013_00279_04842_5323.N1	02-FEB-2003 09:06:08	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	4842	No
150	GOM_NL__2PRFIN20030202_090757_000000602013_00279_04842_5324.N1	02-FEB-2003 09:07:57	Bright	59.500	55	79Zet UMa	2.0600	10200.	119	4842	No
151	GOM_NL__2PRFIN20030202_091052_000000422013_00279_04842_5325.N1	02-FEB-2003 09:10:52	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	4842	No
152	GOM_NL__2PRFIN20030202_091404_000000402013_00279_04842_5326.N1	02-FEB-2003 09:14:04	Bright	40.000	130	23Bet Dra	2.7990	5800.0	80	4842	No
153	GOM_NL__2PRFIN20030202_091745_000000372013_00279_04842_5327.N1	02-FEB-2003 09:17:45	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	4842	No
154	GOM_NL__2PRFIN20030202_092047_000000462013_00279_04842_5328.N1	02-FEB-2003 09:20:47	Bright	45.500	133	40Zet Her	2.8070	6000.0	91	4842	No
155	GOM_NL__2PRFIN20030202_092504_000001162013_00279_04842_5329.N1	02-FEB-2003 09:25:04	Twi_and_stray	115.50	83		2.3780	11000.	231	4842	No
156	GOM_NL__2PRFIN20030202_093152_000000712013_00279_04842_5330.N1	02-FEB-2003 09:31:52	Twi_and_stray	70.500	102	24Alp Ser	2.6000	4250.0	141	4842	No
157	GOM_NL__2PRFIN20030202_093502_000000012013_00279_04842_5331.N1	02-FEB-2003 09:35:02	Dark	0.50000	1012	Venus	0.0000	0.0000	1	4842	Yes
158	GOM_NL__2PRFIN20030202_093734_000000562013_00279_04842_5332.N1	02-FEB-2003 09:37:34	Dark	56.000	1014	Mars	0.0000	0.0000	112	4842	Yes
159	GOM_NL__2PRFIN20030202_093930_000000692013_00279_04842_5333.N1	02-FEB-2003 09:39:30	Dark	69.000	104	27Bet Lib	2.6140	13100.	138	4842	No
160	GOM_NL__2PRFIN20030202_094302_000000382013_00279_04842_5334.N1	02-FEB-2003 09:43:02	Dark	38.000	147	Alp Ara	2.8770	26000.	76	4842	No

161	GOM_NL__2PRFIN20030202_094451_000000452013_00279_04842_5335.N1	02-FEB-2003 09:44:51	Dark	45.000	131	Gam Lup	2.8000	26000.	90	4842	No
162	GOM_NL__2PRFIN20030202_094826_000000402013_00280_04843_5303.N1	02-FEB-2003 09:48:26	Dark	39.500	43	Alp TrA	1.9100	4250.0	79	4843	No
163	GOM_NL__2PRFIN20030202_094955_000000392013_00280_04843_5304.N1	02-FEB-2003 09:49:55	Dark	39.000	145	Gam TrA	2.8720	10600.	78	4843	No
164	GOM_NL__2PRFIN20030202_095433_000000432013_00280_04843_5305.N1	02-FEB-2003 09:54:33	Dark	43.000	12	Alp1Cru	0.77500	30000.	86	4843	No
165	GOM_NL__2PRFIN20030202_095800_000000392013_00280_04843_5306.N1	02-FEB-2003 09:58:00	Dark	38.500	29	Bet Car	1.6720	10200.	77	4843	No
166	GOM_NL__2PRFIN20030202_100023_000000402013_00280_04843_5307.N1	02-FEB-2003 10:00:23	Dark	40.000	71	Iot Car	2.2460	7700.0	80	4843	No
167	GOM_NL__2PRFIN20030202_100208_000000422013_00280_04843_5308.N1	02-FEB-2003 10:02:08	Dark	41.500	46	Del Vel	1.9540	10600.	83	4843	No
168	GOM_NL__2PRFIN20030202_100438_000000422013_00280_04843_5309.N1	02-FEB-2003 10:04:38	Dark	42.000	34	Gam2Vel	1.7930	23000.	84	4843	No
169	GOM_NL__2PRFIN20030202_100643_000000402013_00280_04843_5310.N1	02-FEB-2003 10:06:43	Straylight	40.000	70	Zet Pup	2.2460	39000.	80	4843	No
170	GOM_NL__2PRFIN20030202_100805_000000452013_00280_04843_5311.N1	02-FEB-2003 10:08:05	Straylight	44.500	117	Pi Pup	2.7060	3800.0	89	4843	No
171	GOM_NL__2PRFIN20030202_101031_000000442013_00280_04843_5312.N1	02-FEB-2003 10:10:31	Straylight	43.500	23	21Eps CMa	1.5020	26000.	87	4843	No
172	GOM_NL__2PRFIN20030202_101154_000000392013_00280_04843_5313.N1	02-FEB-2003 10:11:54	Straylight	39.000	179	24Omi2CMa	3.0320	24000.	78	4843	No
173	GOM_NL__2PRFIN20030202_101403_000000452013_00280_04843_5314.N1	02-FEB-2003 10:14:03	Straylight	45.000	1	9Alp CMa	-1.4400	11000.	90	4843	No
174	GOM_NL__2PRFIN20030202_101537_000000682013_00280_04843_5315.N1	02-FEB-2003 10:15:37	Straylight	68.000	48	30Alp Hya	1.9770	4100.0	136	4843	No
175	GOM_NL__2PRFIN20030202_101947_000000532013_00280_04843_5316.N1	02-FEB-2003 10:19:47	Twi_and_stray	53.000	8	10Alp CMi	0.40000	6500.0	106	4843	No
176	GOM_NL__2PRFIN20030202_102437_000000562013_00280_04843_5317.N1	02-FEB-2003 10:24:37	Dark	55.500	1015	Jupiter	0.0000	0.0000	111	4843	Yes
177	GOM_NL__2PRFIN20030202_102626_000000432013_00280_04843_5318.N1	02-FEB-2003 10:26:26	Bright	43.000	17	78Bet Gem	1.1610	4500.0	86	4843	No
178	GOM_NL__2PRFIN20030202_102926_000000372013_00280_04843_5319.N1	02-FEB-2003 10:29:26	Bright	36.500	107	37The Aur	2.6490	11000.	73	4843	No
179	GOM_NL__2PRFIN20030202_103130_000000392013_00280_04843_5320.N1	02-FEB-2003 10:31:30	Bright	39.000	42	34Bet Aur	1.9000	10200.	78	4843	No
180	GOM_NL__2PRFIN20030202_104032_000000522013_00280_04843_5321.N1	02-FEB-2003 10:40:32	Bright	51.500	82	48Bet UMa	2.3650	10600.	103	4843	No
181	GOM_NL__2PRFIN20030202_104342_000000382013_00280_04843_5322.N1	02-FEB-2003 10:43:42	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	4843	No
182	GOM_NL__2PRFIN20030202_104643_000000432013_00280_04843_5323.N1	02-FEB-2003 10:46:43	Bright	43.000	60	7Bet UMi	2.0810	3950.0	86	4843	No
183	GOM_NL__2PRFIN20030202_104832_000000592013_00280_04843_5324.N1	02-FEB-2003 10:48:32	Bright	58.500	55	79Zet UMa	2.0600	10200.	117	4843	No
184	GOM_NL__2PRFIN20030202_105127_000000452013_00280_04843_5325.N1	02-FEB-2003 10:51:27	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	4843	No
185	GOM_NL__2PRFIN20030202_105440_000000382013_00280_04843_5326.N1	02-FEB-2003 10:54:40	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	4843	No
186	GOM_NL__2PRFIN20030202_105821_000000372013_00280_04843_5327.N1	02-FEB-2003 10:58:21	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	4843	No
187	GOM_NL__2PRFIN20030202_110123_000000462013_00280_04843_5328.N1	02-FEB-2003 11:01:23	Bright	45.500	133	40Zet Her	2.8070	6000.0	91	4843	No
188	GOM_NL__2PRFIN20030202_110541_000001102013_00280_04843_5329.N1	02-FEB-2003 11:05:41	Twi_and_stray	109.50	83		2.3780	11000.	219	4843	No
189	GOM_NL__2PRFIN20030202_111230_000000742013_00280_04843_5330.N1	02-FEB-2003 11:12:30	Twi_and_stray	74.000	102	24Alp Ser	2.6000	4250.0	148	4843	No
190	GOM_NL__2PRFIN20030202_111537_000000012013_00280_04843_5331.N1	02-FEB-2003 11:15:37	Dark	0.50000	1012	Venus	0.0000	0.0000	1	4843	Yes
191	GOM_NL__2PRFIN20030202_111810_000000512013_00280_04843_5332.N1	02-FEB-2003 11:18:10	Dark	51.000	1014	Mars	0.0000	0.0000	102	4843	Yes
192	GOM_NL__2PRFIN20030202_112007_000000722013_00280_04843_5333.N1	02-FEB-2003 11:20:07	Dark	72.000	104	27Bet Lib	2.6140	13100.	144	4843	No
193	GOM_NL__2PRFIN20030202_112338_000000372013_00280_04843_5334.N1	02-FEB-2003 11:23:38	Dark	37.000	147	Alp Ara	2.8770	26000.	74	4843	No
194	GOM_NL__2PRFIN20030202_112528_000000452013_00280_04843_5335.N1	02-FEB-2003 11:25:28	Dark	44.500	131	Gam Lup	2.8000	26000.	89	4843	No
195	GOM_NL__2PRFIN20030202_112902_000000482013_00281_04844_5303.N1	02-FEB-2003 11:29:02	Dark	47.500	43	Alp TrA	1.9100	4250.0	95	4844	No
196	GOM_NL__2PRFIN20030202_113031_000000402013_00281_04844_5304.N1	02-FEB-2003 11:30:31	Dark	39.500	145	Gam TrA	2.8720	10600.	79	4844	No
197	GOM_NL__2PRFIN20030202_113509_000000442013_00281_04844_5305.N1	02-FEB-2003 11:35:09	Dark	44.000	12	Alp1Cru	0.77500	30000.	88	4844	No
198	GOM_NL__2PRFIN20030202_113836_000000382013_00281_04844_5306.N1	02-FEB-2003 11:38:36	Dark	38.000	29	Bet Car	1.6720	10200.	76	4844	No
199	GOM_NL__2PRFIN20030202_114059_000000402013_00281_04844_5307.N1	02-FEB-2003 11:40:59	Dark	40.000	71	Iot Car	2.2460	7700.0	80	4844	No
200	GOM_NL__2PRFIN20030202_114243_000000422013_00281_04844_5308.N1	02-FEB-2003 11:42:43	Dark	42.000	46	Del Vel	1.9540	10600.	84	4844	No
201	GOM_NL__2PRFIN20030202_114514_000000442013_00281_04844_5309.N1	02-FEB-2003 11:45:14	Dark	44.000	34	Gam2Vel	1.7930	23000.	88	4844	No
202	GOM_NL__2PRFIN20030202_114718_000000422013_00281_04844_5310.N1	02-FEB-2003 11:47:18	Straylight	41.500	70	Zet Pup	2.2460	39000.	83	4844	No
203	GOM_NL__2PRFIN20030202_114841_000000422013_00281_04844_5311.N1	02-FEB-2003 11:48:41	Straylight	42.000	117	Pi Pup	2.7060	3800.0	84	4844	No
204	GOM_NL__2PRFIN20030202_115107_000000412013_00281_04844_5312.N1	02-FEB-2003 11:51:07	Straylight	41.000	23	21Eps CMa	1.5020	26000.	82	4844	No
205	GOM_NL__2PRFIN20030202_115230_000000382013_00281_04844_5313.N1	02-FEB-2003 11:52:30	Straylight	37.500	179	24Omi2CMa	3.0320	24000.	75	4844	No
206	GOM_NL__2PRFIN20030202_115439_000000442013_00281_04844_5314.N1	02-FEB-2003 11:54:39	Straylight	44.000	1	9Alp CMa	-1.4400	11000.	88	4844	No
207	GOM_NL__2PRFIN20030202_115613_000000622013_00281_04844_5315.N1	02-FEB-2003 11:56:13	Straylight	61.500	48	30Alp Hya	1.9770	4100.0	123	4844	No
208	GOM_NL__2PRFIN20030202_120023_000000492013_00281_04844_5316.N1	02-FEB-2003 12:00:23	Twi_and_stray	48.500	8	10Alp CMi	0.40000	6500.0	97	4844	No
209	GOM_NL__2PRFIN20030202_120513_000000552013_00281_04844_5317.N1	02-FEB-2003 12:05:13	Dark	54.500	1015	Jupiter	0.0000	0.0000	109	4844	Yes
210	GOM_NL__2PRFIN20030202_120700_000000432013_00281_04844_5318.N1	02-FEB-2003 12:07:00	Bright	42.500	17	78Bet Gem	1.1610	4500.0	85	4844	No
211	GOM_NL__2PRFIN20030202_121002_000000372013_00281_04844_5319.N1	02-FEB-2003 12:10:02	Bright	36.500	107	37The Aur	2.6490	11000.	73	4844	No
212	GOM_NL__2PRFIN20030202_121206_000000382013_00281_04844_5320.N1	02-FEB-2003 12:12:06	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	4844	No
213	GOM_NL__2PRFIN20030202_122109_000000482013_00281_04844_5321.N1	02-FEB-2003 12:21:09	Bright	47.500	82	48Bet UMa	2.3650	10600.	95	4844	No
214	GOM_NL__2PRFIN20030202_122417_000000362013_00281_04844_5322.N1	02-FEB-2003 12:24:17	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	4844	No
215	GOM_NL__2PRFIN20030202_122718_000000442013_00281_04844_5323.N1	02-FEB-2003 12:27:18	Bright	44.000	60	7Bet UMi	2.0810	3950.0	88	4844	No
216	GOM_NL__2PRFIN20030202_122907_000000582013_00281_04844_5324.N1	02-FEB-2003 12:29:07	Bright	58.000	55	79Zet UMa	2.0600	10200.	116	4844	No
217	GOM_NL__2PRFIN20030202_123202_000000432013_00281_04844_5325.N1	02-FEB-2003 12:32:02	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	4844	No
218	GOM_NL__2PRFIN20030202_123513_000000432013_00281_04844_5326.N1	02-FEB-2003 12:35:13	Bright	42.500	130	23Bet Dra	2.7990	5800.0	85	4844	No
219	GOM_NL__2PRFIN20030202_123856_000000412013_00281_04844_5327.N1	02-FEB-2003 12:38:56	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	4844	No

220	GOM_NL__2PRFIN20030202_124158_000000632013_00281_04844_5328.N1	02-FEB-2003 12:41:58	Bright	63.000	133	40Zet Her	2.8070	6000.0	126	4844	No
221	GOM_NL__2PRFIN20030202_124618_000001102013_00281_04844_5329.N1	02-FEB-2003 12:46:18	Twi_and_stray	110.00	83		2.3780	11000.	220	4844	No
222	GOM_NL__2PRFIN20030202_125307_000000662013_00281_04844_5330.N1	02-FEB-2003 12:53:07	Twi_and_stray	65.500	102	24Alp Ser	2.6000	4250.0	131	4844	No
223	GOM_NL__2PRFIN20030202_125612_000000012013_00281_04844_5331.N1	02-FEB-2003 12:56:12	Dark	0.50000	1012	Venus	0.0000	0.0000	1	4844	Yes
224	GOM_NL__2PRFIN20030202_125847_000000592013_00281_04844_5332.N1	02-FEB-2003 12:58:47	Dark	59.000	1014	Mars	0.0000	0.0000	118	4844	Yes
225	GOM_NL__2PRFIN20030202_130045_000000712013_00281_04844_5333.N1	02-FEB-2003 13:00:45	Dark	70.500	104	27Bet Lib	2.6140	13100.	141	4844	No
226	GOM_NL__2PRFIN20030202_130414_000000382013_00281_04844_5334.N1	02-FEB-2003 13:04:14	Dark	38.000	147	Alp Ara	2.8770	26000.	76	4844	No
227	GOM_NL__2PRFIN20030202_130603_000000462013_00281_04844_5335.N1	02-FEB-2003 13:06:03	Dark	45.500	131	Gam Lup	2.8000	26000.	91	4844	No
228	GOM_NL__2PRFIN20030202_130938_000000412013_00282_04845_5303.N1	02-FEB-2003 13:09:38	Dark	40.500	43	Alp TrA	1.9100	4250.0	81	4845	No
229	GOM_NL__2PRFIN20030202_131108_000000402013_00282_04845_5304.N1	02-FEB-2003 13:11:08	Dark	39.500	145	Gam TrA	2.8720	10600.	79	4845	No
230	GOM_NL__2PRFIN20030202_131545_000000452013_00282_04845_5305.N1	02-FEB-2003 13:15:45	Dark	44.500	12	Alp1Cru	0.77500	30000.	89	4845	No
231	GOM_NL__2PRFIN20030202_131913_000000382013_00282_04845_5306.N1	02-FEB-2003 13:19:13	Dark	38.000	29	Bet Car	1.6720	10200.	76	4845	No
232	GOM_NL__2PRFIN20030202_132135_000000402013_00282_04845_5307.N1	02-FEB-2003 13:21:35	Dark	39.500	71	Iot Car	2.2460	7700.0	79	4845	No
233	GOM_NL__2PRFIN20030202_132320_000000422013_00282_04845_5308.N1	02-FEB-2003 13:23:20	Dark	41.500	46	Del Vel	1.9540	10600.	83	4845	No
234	GOM_NL__2PRFIN20030202_132550_000000442013_00282_04845_5309.N1	02-FEB-2003 13:25:50	Dark	44.000	34	Gam2Vel	1.7930	23000.	88	4845	No
235	GOM_NL__2PRFIN20030202_132754_000000432013_00282_04845_5310.N1	02-FEB-2003 13:27:54	Straylight	43.000	70	Zet Pup	2.2460	39000.	86	4845	No
236	GOM_NL__2PRFIN20030202_132917_000000442013_00282_04845_5311.N1	02-FEB-2003 13:29:17	Straylight	43.500	117	Pi Pup	2.7060	3800.0	87	4845	No
237	GOM_NL__2PRFIN20030202_133216_000000412013_00282_04845_5312.N1	02-FEB-2003 13:32:16	Straylight	41.000	132	15Rho Pup	2.8030	6900.0	82	4845	No
238	GOM_NL__2PRFIN20030202_133516_000000472013_00282_04845_5313.N1	02-FEB-2003 13:35:16	Straylight	47.000	1	9Alp CMa	-1.4400	11000.	94	4845	No
239	GOM_NL__2PRFIN20030202_133648_000000642013_00282_04845_5314.N1	02-FEB-2003 13:36:48	Straylight	63.500	48	30Alp Hya	1.9770	4100.0	127	4845	No
240	GOM_NL__2PRFIN20030202_134058_000000522013_00282_04845_5315.N1	02-FEB-2003 13:40:58	Twi_and_stray	52.000	8	10Alp CMi	0.40000	6500.0	104	4845	No
241	GOM_NL__2PRFIN20030202_134549_000000542013_00282_04845_5316.N1	02-FEB-2003 13:45:49	Dark	53.500	1015	Jupiter	0.0000	0.0000	107	4845	Yes
242	GOM_NL__2PRFIN20030202_134736_000000442013_00282_04845_5317.N1	02-FEB-2003 13:47:36	Bright	43.500	17	78Bet Gem	1.1610	4500.0	87	4845	No
243	GOM_NL__2PRFIN20030202_135038_000000372013_00282_04845_5318.N1	02-FEB-2003 13:50:38	Bright	36.500	107	37The Aur	2.6490	11000.	73	4845	No
244	GOM_NL__2PRFIN20030202_135244_000000372013_00282_04845_5319.N1	02-FEB-2003 13:52:44	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	4845	No
245	GOM_NL__2PRFIN20030202_140146_000000492013_00282_04845_5320.N1	02-FEB-2003 14:01:46	Bright	48.500	82	48Bet UMa	2.3650	10600.	97	4845	No
246	GOM_NL__2PRFIN20030202_140455_000000352013_00282_04845_5321.N1	02-FEB-2003 14:04:55	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	4845	No
247	GOM_NL__2PRFIN20030202_140756_000000392013_00282_04845_5322.N1	02-FEB-2003 14:07:56	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	4845	No
248	GOM_NL__2PRFIN20030202_140943_000000562013_00282_04845_5323.N1	02-FEB-2003 14:09:43	Bright	55.500	55	79Zet UMa	2.0600	10200.	111	4845	No
249	GOM_NL__2PRFIN20030202_141240_000000412013_00282_04845_5324.N1	02-FEB-2003 14:12:40	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	4845	No
250	GOM_NL__2PRFIN20030202_141553_000000382013_00282_04845_5325.N1	02-FEB-2003 14:15:53	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	4845	No
251	GOM_NL__2PRFIN20030202_141934_000000342013_00282_04845_5326.N1	02-FEB-2003 14:19:34	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	4845	No
252	GOM_NL__2PRFIN20030202_142236_000000452013_00282_04845_5327.N1	02-FEB-2003 14:22:36	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	4845	No
253	GOM_NL__2PRFIN20030202_142653_000001152013_00282_04845_5328.N1	02-FEB-2003 14:26:53	Twi_and_stray	114.50	83		2.3780	11000.	229	4845	No
254	GOM_NL__2PRFIN20030202_143345_000000732013_00282_04845_5329.N1	02-FEB-2003 14:33:45	Twi_and_stray	72.500	102	24Alp Ser	2.6000	4250.0	145	4845	No
255	GOM_NL__2PRFIN20030202_143650_000000012013_00282_04845_5330.N1	02-FEB-2003 14:36:50	Dark	0.50000	1012	Venus	0.0000	0.0000	1	4845	Yes
256	GOM_NL__2PRFIN20030202_143924_000000572013_00282_04845_5331.N1	02-FEB-2003 14:39:24	Dark	57.000	1014	Mars	0.0000	0.0000	114	4845	Yes
257	GOM_NL__2PRFIN20030202_144124_000000692013_00282_04845_5332.N1	02-FEB-2003 14:41:24	Dark	69.000	104	27Bet Lib	2.6140	13100.	138	4845	No
258	GOM_NL__2PRFIN20030202_144451_000000372013_00282_04845_5333.N1	02-FEB-2003 14:44:51	Dark	37.000	147	Alp Ara	2.8770	26000.	74	4845	No
259	GOM_NL__2PRFIN20030202_144642_000000442013_00282_04845_5334.N1	02-FEB-2003 14:46:42	Dark	43.500	131	Gam Lup	2.8000	26000.	87	4845	No
260	GOM_NL__2PRFIN20030202_145015_000000422013_00283_04846_5303.N1	02-FEB-2003 14:50:15	Dark	42.000	43	Alp TrA	1.9100	4250.0	84	4846	No
261	GOM_NL__2PRFIN20030202_145145_000000382013_00283_04846_5304.N1	02-FEB-2003 14:51:45	Dark	38.000	145	Gam TrA	2.8720	10600.	76	4846	No
262	GOM_NL__2PRFIN20030202_145624_000000442013_00283_04846_5305.N1	02-FEB-2003 14:56:24	Dark	43.500	12	Alp1Cru	0.77500	30000.	87	4846	No
263	GOM_NL__2PRFIN20030202_145950_000000392013_00283_04846_5306.N1	02-FEB-2003 14:59:50	Dark	38.500	29	Bet Car	1.6720	10200.	77	4846	No
264	GOM_NL__2PRFIN20030202_150213_000000412013_00283_04846_5307.N1	02-FEB-2003 15:02:13	Dark	40.500	71	Iot Car	2.2460	7700.0	81	4846	No
265	GOM_NL__2PRFIN20030202_150357_000000382013_00283_04846_5308.N1	02-FEB-2003 15:03:57	Dark	38.000	46	Del Vel	1.9540	10600.	76	4846	No
266	GOM_NL__2PRFIN20030202_150627_000000392013_00283_04846_5309.N1	02-FEB-2003 15:06:27	Dark	39.000	34	Gam2Vel	1.7930	23000.	78	4846	No
267	GOM_NL__2PRFIN20030202_150832_000000402013_00283_04846_5310.N1	02-FEB-2003 15:08:32	Straylight	40.000	70	Zet Pup	2.2460	39000.	80	4846	No
268	GOM_NL__2PRFIN20030202_150954_000000422013_00283_04846_5311.N1	02-FEB-2003 15:09:54	Straylight	41.500	117	Pi Pup	2.7060	3800.0	83	4846	No
269	GOM_NL__2PRFIN20030202_151254_000000452013_00283_04846_5312.N1	02-FEB-2003 15:12:54	Straylight	44.500	132	15Rho Pup	2.8030	6900.0	89	4846	No
270	GOM_NL__2PRFIN20030202_151552_000000522013_00283_04846_5313.N1	02-FEB-2003 15:15:52	Straylight	52.000	1	9Alp CMa	-1.4400	11000.	104	4846	No
271	GOM_NL__2PRFIN20030202_151725_000000622013_00283_04846_5314.N1	02-FEB-2003 15:17:25	Straylight	62.000	48	30Alp Hya	1.9770	4100.0	124	4846	No
272	GOM_NL__2PRFIN20030202_152136_000000532013_00283_04846_5315.N1	02-FEB-2003 15:21:36	Twi_and_stray	53.000	8	10Alp CMi	0.40000	6500.0	106	4846	No
273	GOM_NL__2PRFIN20030202_152624_000000542013_00283_04846_5316.N1	02-FEB-2003 15:26:24	Dark	54.000	1015	Jupiter	0.0000	0.0000	108	4846	Yes
274	GOM_NL__2PRFIN20030202_152814_000000422013_00283_04846_5317.N1	02-FEB-2003 15:28:14	Bright	41.500	17	78Bet Gem	1.1610	4500.0	83	4846	No
275	GOM_NL__2PRFIN20030202_153115_000000362013_00283_04846_5318.N1	02-FEB-2003 15:31:15	Bright	36.000	107	37The Aur	2.6490	11000.	72	4846	No
276	GOM_NL__2PRFIN20030202_153320_000000372013_00283_04846_5319.N1	02-FEB-2003 15:33:20	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	4846	No
277	GOM_NL__2PRFIN20030202_154221_000000502013_00283_04846_5320.N1	02-FEB-2003 15:42:21	Bright	49.500	82	48Bet UMa	2.3650	10600.	99	4846	No
278	GOM_NL__2PRFIN20030202_154531_000000362013_00283_04846_5321.N1	02-FEB-2003 15:45:31	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	4846	No

279	GOM_NL__2PRFIN20030202_154831_000000412013_00283_04846_5322.N1	02-FEB-2003 15:48:31	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	4846	No
280	GOM_NL__2PRFIN20030202_155018_000000572013_00283_04846_5323.N1	02-FEB-2003 15:50:18	Bright	57.000	55	79Zet UMa	2.0600	10200.	114	4846	No
281	GOM_NL__2PRFIN20030202_155315_000000402013_00283_04846_5324.N1	02-FEB-2003 15:53:15	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	4846	No
282	GOM_NL__2PRFIN20030202_155629_000000402013_00283_04846_5325.N1	02-FEB-2003 15:56:29	Bright	40.000	130	23Bet Dra	2.7990	5800.0	80	4846	No
283	GOM_NL__2PRFIN20030202_160010_000000352013_00283_04846_5326.N1	02-FEB-2003 16:00:10	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	4846	No
284	GOM_NL__2PRFIN20030202_160312_000000452013_00283_04846_5327.N1	02-FEB-2003 16:03:12	Bright	45.000	133	40Zet Her	2.8070	6000.0	90	4846	No
285	GOM_NL__2PRFIN20030202_160730_000001212013_00283_04846_5328.N1	02-FEB-2003 16:07:30	Twi_and_stray	121.00	83		2.3780	11000.	242	4846	No
286	GOM_NL__2PRFIN20030202_161421_000000712013_00283_04846_5329.N1	02-FEB-2003 16:14:21	Twi_and_stray	71.000	102	24Alp Ser	2.6000	4250.0	142	4846	No
287	GOM_NL__2PRFIN20030202_161726_000000012013_00283_04846_5330.N1	02-FEB-2003 16:17:26	Dark	0.50000	1012	Venus	0.0000	0.0000	1	4846	Yes
288	GOM_NL__2PRFIN20030202_162000_000000522013_00283_04846_5331.N1	02-FEB-2003 16:20:00	Dark	51.500	1014	Mars	0.0000	0.0000	103	4846	Yes
289	GOM_NL__2PRFIN20030202_162202_000000712013_00283_04846_5332.N1	02-FEB-2003 16:22:02	Dark	71.000	104	27Bet Lib	2.6140	13100.	142	4846	No
290	GOM_NL__2PRFIN20030202_162527_000000382013_00283_04846_5333.N1	02-FEB-2003 16:25:27	Dark	37.500	147	Alp Ara	2.8770	26000.	75	4846	No
291	GOM_NL__2PRFIN20030202_162719_000000442013_00283_04846_5334.N1	02-FEB-2003 16:27:19	Dark	43.500	131	Gam Lup	2.8000	26000.	87	4846	No
292	GOM_NL__2PRFIN20030202_163051_000000472013_00284_04847_5303.N1	02-FEB-2003 16:30:51	Dark	46.500	43	Alp TrA	1.9100	4250.0	93	4847	No
293	GOM_NL__2PRFIN20030202_163221_000000382013_00284_04847_5304.N1	02-FEB-2003 16:32:21	Dark	37.500	145	Gam TrA	2.8720	10600.	75	4847	No
294	GOM_NL__2PRFIN20030202_163700_000000452013_00284_04847_5305.N1	02-FEB-2003 16:37:00	Dark	44.500	12	Alp1Cru	0.77500	30000.	89	4847	No
295	GOM_NL__2PRFIN20030202_164025_000000472013_00284_04847_5306.N1	02-FEB-2003 16:40:25	Dark	46.500	29	Bet Car	1.6720	10200.	93	4847	No
296	GOM_NL__2PRFIN20030202_164249_000000382013_00284_04847_5307.N1	02-FEB-2003 16:42:49	Dark	38.000	71	Iot Car	2.2460	7700.0	76	4847	No
297	GOM_NL__2PRFIN20030202_164433_000000452013_00284_04847_5308.N1	02-FEB-2003 16:44:33	Dark	44.500	46	Del Vel	1.9540	10600.	89	4847	No
298	GOM_NL__2PRFIN20030202_164703_000000422013_00284_04847_5309.N1	02-FEB-2003 16:47:03	Dark	42.000	34	Gam2Vel	1.7930	23000.	84	4847	No
299	GOM_NL__2PRFIN20030202_164909_000000412013_00284_04847_5310.N1	02-FEB-2003 16:49:09	Straylight	40.500	70	Zet Pup	2.2460	39000.	81	4847	No
300	GOM_NL__2PRFIN20030202_165030_000000432013_00284_04847_5311.N1	02-FEB-2003 16:50:30	Straylight	42.500	117	Pi Pup	2.7060	3800.0	85	4847	No
301	GOM_NL__2PRFIN20030202_165330_000000452013_00284_04847_5312.N1	02-FEB-2003 16:53:30	Straylight	44.500	132	15Rho Pup	2.8030	6900.0	89	4847	No
302	GOM_NL__2PRFIN20030202_165628_000000492013_00284_04847_5313.N1	02-FEB-2003 16:56:28	Straylight	48.500	1	9Alp CMa	-1.4400	11000.	97	4847	No
303	GOM_NL__2PRFIN20030202_165801_000000692013_00284_04847_5314.N1	02-FEB-2003 16:58:01	Straylight	69.000	48	30Alp Hya	1.9770	4100.0	138	4847	No
304	GOM_NL__2PRFIN20030202_170212_000000532013_00284_04847_5315.N1	02-FEB-2003 17:02:12	Twi_and_stray	53.000	8	10Alp CMi	0.40000	6500.0	106	4847	No
305	GOM_NL__2PRFIN20030202_170700_000000552013_00284_04847_5316.N1	02-FEB-2003 17:07:00	Dark	54.500	1015	Jupiter	0.0000	0.0000	109	4847	Yes
306	GOM_NL__2PRFIN20030202_170850_000000432013_00284_04847_5317.N1	02-FEB-2003 17:08:50	Bright	42.500	17	78Bet Gem	1.1610	4500.0	85	4847	No
307	GOM_NL__2PRFIN20030202_171151_000000372013_00284_04847_5318.N1	02-FEB-2003 17:11:51	Bright	37.000	107	37The Aur	2.6490	11000.	74	4847	No
308	GOM_NL__2PRFIN20030202_171356_000000362013_00284_04847_5319.N1	02-FEB-2003 17:13:56	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	4847	No
309	GOM_NL__2PRFIN20030202_172256_000000502013_00284_04847_5320.N1	02-FEB-2003 17:22:56	Bright	49.500	82	48Bet UMa	2.3650	10600.	99	4847	No
310	GOM_NL__2PRFIN20030202_172607_000000372013_00284_04847_5321.N1	02-FEB-2003 17:26:07	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	4847	No
311	GOM_NL__2PRFIN20030202_172907_000000412013_00284_04847_5322.N1	02-FEB-2003 17:29:07	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	4847	No
312	GOM_NL__2PRFIN20030202_173052_000000582013_00284_04847_5323.N1	02-FEB-2003 17:30:52	Bright	57.500	55	79Zet UMa	2.0600	10200.	115	4847	No
313	GOM_NL__2PRFIN20030202_173351_000000422013_00284_04847_5324.N1	02-FEB-2003 17:33:51	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	4847	No
314	GOM_NL__2PRFIN20030202_173705_000000392013_00284_04847_5325.N1	02-FEB-2003 17:37:05	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	4847	No
315	GOM_NL__2PRFIN20030202_174046_000000352013_00284_04847_5326.N1	02-FEB-2003 17:40:46	Bright	34.500	5	3Alp Lyr	0.033000	11000.	69	4847	No
316	GOM_NL__2PRFIN20030202_174348_000000452013_00284_04847_5327.N1	02-FEB-2003 17:43:48	Bright	45.000	133	40Zet Her	2.8070	6000.0	90	4847	No
317	GOM_NL__2PRFIN20030202_174807_000001152013_00284_04847_5328.N1	02-FEB-2003 17:48:07	Twi_and_stray	114.50	83		2.3780	11000.	229	4847	No
318	GOM_NL__2PRFIN20030202_175458_000000722013_00284_04847_5329.N1	02-FEB-2003 17:54:58	Twi_and_stray	71.500	102	24Alp Ser	2.6000	4250.0	143	4847	No
319	GOM_NL__2PRFIN20030202_175802_000000012013_00284_04847_5330.N1	02-FEB-2003 17:58:02	Dark	0.50000	1012	Venus	0.0000	0.0000	1	4847	Yes
320	GOM_NL__2PRFIN20030202_180036_000000522013_00284_04847_5331.N1	02-FEB-2003 18:00:36	Dark	51.500	1014	Mars	0.0000	0.0000	103	4847	Yes
321	GOM_NL__2PRFIN20030202_180238_000000722013_00284_04847_5332.N1	02-FEB-2003 18:02:38	Dark	72.000	104	27Bet Lib	2.6140	13100.	144	4847	No
322	GOM_NL__2PRFIN20030202_180603_000000372013_00284_04847_5333.N1	02-FEB-2003 18:06:03	Dark	37.000	147	Alp Ara	2.8770	26000.	74	4847	No
323	GOM_NL__2PRFIN20030202_180756_000000442013_00284_04847_5334.N1	02-FEB-2003 18:07:56	Dark	43.500	131	Gam Lup	2.8000	26000.	87	4847	No
324	GOM_NL__2PRFIN20030202_181127_000000422013_00285_04848_5303.N1	02-FEB-2003 18:11:27	Dark	42.000	43	Alp TrA	1.9100	4250.0	84	4848	No
325	GOM_NL__2PRFIN20030202_181257_000000392013_00285_04848_5304.N1	02-FEB-2003 18:12:57	Dark	39.000	145	Gam TrA	2.8720	10600.	78	4848	No
326	GOM_NL__2PRFIN20030202_181736_000000542013_00285_04848_5305.N1	02-FEB-2003 18:17:36	Dark	53.500	12	Alp1Cru	0.77500	30000.	107	4848	No
327	GOM_NL__2PRFIN20030202_182101_000000392013_00285_04848_5306.N1	02-FEB-2003 18:21:01	Dark	39.000	29	Bet Car	1.6720	10200.	78	4848	No
328	GOM_NL__2PRFIN20030202_182325_000000412013_00285_04848_5307.N1	02-FEB-2003 18:23:25	Dark	40.500	71	Iot Car	2.2460	7700.0	81	4848	No
329	GOM_NL__2PRFIN20030202_182509_000000432013_00285_04848_5308.N1	02-FEB-2003 18:25:09	Dark	43.000	46	Del Vel	1.9540	10600.	86	4848	No
330	GOM_NL__2PRFIN20030202_182739_000000402013_00285_04848_5309.N1	02-FEB-2003 18:27:39	Dark	40.000	34	Gam2Vel	1.7930	23000.	80	4848	No
331	GOM_NL__2PRFIN20030202_182945_000000422013_00285_04848_5310.N1	02-FEB-2003 18:29:45	Straylight	42.000	70	Zet Pup	2.2460	39000.	84	4848	No
332	GOM_NL__2PRFIN20030202_183106_000000432013_00285_04848_5311.N1	02-FEB-2003 18:31:06	Straylight	43.000	117	Pi Pup	2.7060	3800.0	86	4848	No
333	GOM_NL__2PRFIN20030202_183406_000000422013_00285_04848_5312.N1	02-FEB-2003 18:34:06	Straylight	42.000	132	15Rho Pup	2.8030	6900.0	84	4848	No
334	GOM_NL__2PRFIN20030202_183704_000000462013_00285_04848_5313.N1	02-FEB-2003 18:37:04	Straylight	46.000	1	9Alp CMa	-1.4400	11000.	92	4848	No
335	GOM_NL__2PRFIN20030202_183837_000000612013_00285_04848_5314.N1	02-FEB-2003 18:38:37	Straylight	61.000	48	30Alp Hya	1.9770	4100.0	122	4848	No
336	GOM_NL__2PRFIN20030202_184248_000000532013_00285_04848_5315.N1	02-FEB-2003 18:42:48	Twi_and_stray	53.000	8	10Alp CMi	0.40000	6500.0	106	4848	No
337	GOM_NL__2PRFIN20030202_184735_000000552013_00285_04848_5316.N1	02-FEB-2003 18:47:35	Dark	54.500	1015	Jupiter	0.0000	0.0000	109	4848	Yes

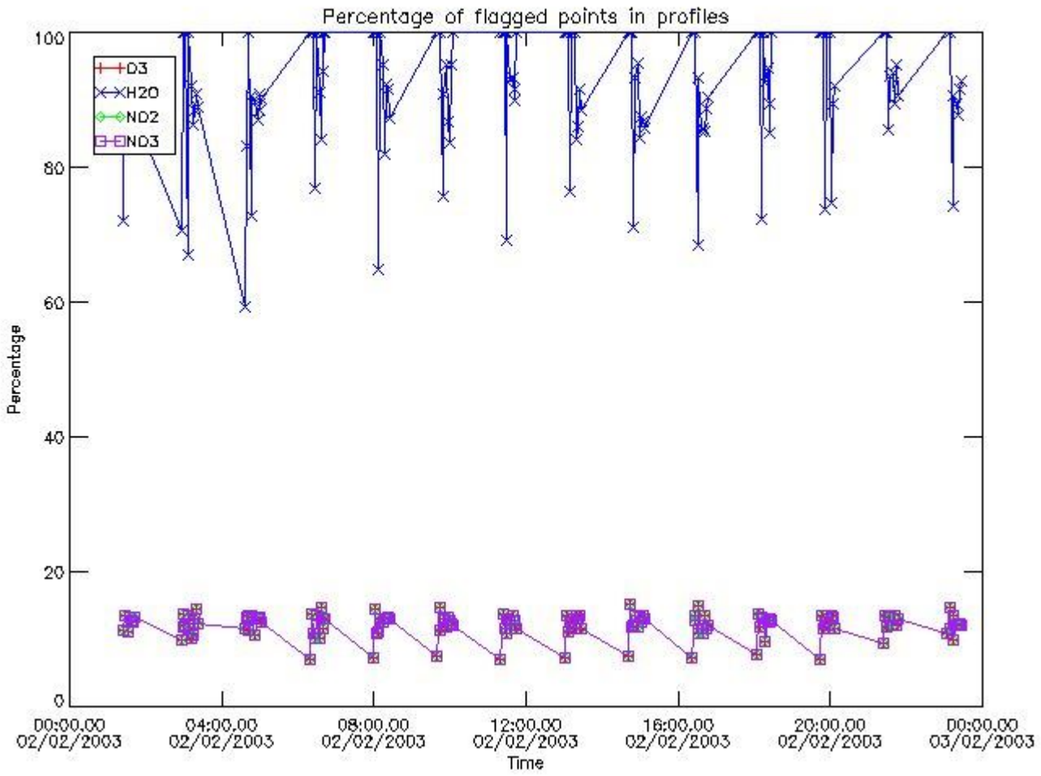
338	GOM_NL__2PRFIN20030202_184925_000000422013_00285_04848_5317.N1	02-FEB-2003 18:49:25	Bright	42.000	17	78Bet Gem	1.1610	4500.0	84	4848	No
339	GOM_NL__2PRFIN20030202_185227_000000372013_00285_04848_5318.N1	02-FEB-2003 18:52:27	Bright	37.000	107	37The Aur	2.6490	11000.	74	4848	No
340	GOM_NL__2PRFIN20030202_185432_000000372013_00285_04848_5319.N1	02-FEB-2003 18:54:32	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	4848	No
341	GOM_NL__2PRFIN20030202_190331_000000472013_00285_04848_5320.N1	02-FEB-2003 19:03:31	Bright	46.500	82	48Bet UMa	2.3650	10600.	93	4848	No
342	GOM_NL__2PRFIN20030202_190642_000000372013_00285_04848_5321.N1	02-FEB-2003 19:06:42	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	4848	No
343	GOM_NL__2PRFIN20030202_190942_000000422013_00285_04848_5322.N1	02-FEB-2003 19:09:42	Bright	42.000	60	7Bet UMi	2.0810	3950.0	84	4848	No
344	GOM_NL__2PRFIN20030202_191127_000000542013_00285_04848_5323.N1	02-FEB-2003 19:11:27	Bright	53.500	55	79Zet UMa	2.0600	10200.	107	4848	No
345	GOM_NL__2PRFIN20030202_191426_000000422013_00285_04848_5324.N1	02-FEB-2003 19:14:26	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	4848	No
346	GOM_NL__2PRFIN20030202_191741_000000372013_00285_04848_5325.N1	02-FEB-2003 19:17:41	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	4848	No
347	GOM_NL__2PRFIN20030202_192122_000000352013_00285_04848_5326.N1	02-FEB-2003 19:21:22	Bright	34.500	5	3Alp Lyr	0.033000	11000.	69	4848	No
348	GOM_NL__2PRFIN20030202_192424_000000472013_00285_04848_5327.N1	02-FEB-2003 19:24:24	Bright	46.500	133	40Zet Her	2.8070	6000.0	93	4848	No
349	GOM_NL__2PRFIN20030202_192843_000001102013_00285_04848_5328.N1	02-FEB-2003 19:28:43	Twi_and_stray	110.00	83		2.3780	11000.	220	4848	No
350	GOM_NL__2PRFIN20030202_193535_000000722013_00285_04848_5329.N1	02-FEB-2003 19:35:35	Twi_and_stray	72.000	102	24Alp Ser	2.6000	4250.0	144	4848	No
351	GOM_NL__2PRFIN20030202_193837_000000012013_00285_04848_5330.N1	02-FEB-2003 19:38:37	Dark	0.50000	1012	Venus	0.0000	0.0000	1	4848	Yes
352	GOM_NL__2PRFIN20030202_194112_000000582013_00285_04848_5331.N1	02-FEB-2003 19:41:12	Dark	57.500	1014	Mars	0.0000	0.0000	115	4848	Yes
353	GOM_NL__2PRFIN20030202_194316_000000742013_00285_04848_5332.N1	02-FEB-2003 19:43:16	Dark	73.500	104	27Bet Lib	2.6140	13100.	147	4848	No
354	GOM_NL__2PRFIN20030202_194639_000000382013_00285_04848_5333.N1	02-FEB-2003 19:46:39	Dark	37.500	147	Alp Ara	2.8770	26000.	75	4848	No
355	GOM_NL__2PRFIN20030202_194832_000000452013_00285_04848_5334.N1	02-FEB-2003 19:48:32	Dark	44.500	131	Gam Lup	2.8000	26000.	89	4848	No
356	GOM_NL__2PRFIN20030202_195203_000000412013_00286_04849_5303.N1	02-FEB-2003 19:52:03	Dark	40.500	43	Alp TrA	1.9100	4250.0	81	4849	No
357	GOM_NL__2PRFIN20030202_195333_000000392013_00286_04849_5304.N1	02-FEB-2003 19:53:33	Dark	39.000	145	Gam TrA	2.8720	10600.	78	4849	No
358	GOM_NL__2PRFIN20030202_195812_000000422013_00286_04849_5305.N1	02-FEB-2003 19:58:12	Dark	42.000	12	Alp1Cru	0.77500	30000.	84	4849	No
359	GOM_NL__2PRFIN20030202_200138_000000382013_00286_04849_5306.N1	02-FEB-2003 20:01:38	Dark	38.000	29	Bet Car	1.6720	10200.	76	4849	No
360	GOM_NL__2PRFIN20030202_200401_000000392013_00286_04849_5307.N1	02-FEB-2003 20:04:01	Dark	38.500	71	Iot Car	2.2460	7700.0	77	4849	No
361	GOM_NL__2PRFIN20030202_200545_000000452013_00286_04849_5308.N1	02-FEB-2003 20:05:45	Dark	44.500	46	Del Vel	1.9540	10600.	89	4849	No
362	GOM_NL__2PRFIN20030202_200815_000000432013_00286_04849_5309.N1	02-FEB-2003 20:08:15	Straylight	43.000	34	Gam2Vel	1.7930	23000.	86	4849	No
363	GOM_NL__2PRFIN20030202_201021_000000422013_00286_04849_5310.N1	02-FEB-2003 20:10:21	Straylight	41.500	70	Zet Pup	2.2460	39000.	83	4849	No
364	GOM_NL__2PRFIN20030202_201142_000000432013_00286_04849_5311.N1	02-FEB-2003 20:11:42	Straylight	42.500	117	Pi Pup	2.7060	3800.0	85	4849	No
365	GOM_NL__2PRFIN20030202_201441_000000412013_00286_04849_5312.N1	02-FEB-2003 20:14:41	Straylight	40.500	132	15Rho Pup	2.8030	6900.0	81	4849	No
366	GOM_NL__2PRFIN20030202_201741_000000452013_00286_04849_5313.N1	02-FEB-2003 20:17:41	Straylight	45.000	1	9Alp CMa	-1.4400	11000.	90	4849	No
367	GOM_NL__2PRFIN20030202_201913_000000612013_00286_04849_5314.N1	02-FEB-2003 20:19:13	Straylight	61.000	48	30Alp Hya	1.9770	4100.0	122	4849	No
368	GOM_NL__2PRFIN20030202_202323_000000532013_00286_04849_5315.N1	02-FEB-2003 20:23:23	Twi_and_stray	53.000	8	10Alp CMi	0.40000	6500.0	106	4849	No
369	GOM_NL__2PRFIN20030202_202811_000000542013_00286_04849_5316.N1	02-FEB-2003 20:28:11	Dark	53.500	1015	Jupiter	0.0000	0.0000	107	4849	Yes
370	GOM_NL__2PRFIN20030202_203001_000000422013_00286_04849_5317.N1	02-FEB-2003 20:30:01	Bright	42.000	17	78Bet Gem	1.1610	4500.0	84	4849	No
371	GOM_NL__2PRFIN20030202_203303_000000372013_00286_04849_5318.N1	02-FEB-2003 20:33:03	Bright	37.000	107	37The Aur	2.6490	11000.	74	4849	No
372	GOM_NL__2PRFIN20030202_203508_000000382013_00286_04849_5319.N1	02-FEB-2003 20:35:08	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	4849	No
373	GOM_NL__2PRFIN20030202_204406_000000502013_00286_04849_5320.N1	02-FEB-2003 20:44:06	Bright	49.500	82	48Bet UMa	2.3650	10600.	99	4849	No
374	GOM_NL__2PRFIN20030202_204718_000000362013_00286_04849_5321.N1	02-FEB-2003 20:47:18	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	4849	No
375	GOM_NL__2PRFIN20030202_205018_000000422013_00286_04849_5322.N1	02-FEB-2003 20:50:18	Bright	42.000	60	7Bet UMi	2.0810	3950.0	84	4849	No
376	GOM_NL__2PRFIN20030202_205203_000000582013_00286_04849_5323.N1	02-FEB-2003 20:52:03	Bright	57.500	55	79Zet UMa	2.0600	10200.	115	4849	No
377	GOM_NL__2PRFIN20030202_205502_000000412013_00286_04849_5324.N1	02-FEB-2003 20:55:02	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	4849	No
378	GOM_NL__2PRFIN20030202_205816_000000392013_00286_04849_5325.N1	02-FEB-2003 20:58:16	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	4849	No
379	GOM_NL__2PRFIN20030202_210158_000000362013_00286_04849_5326.N1	02-FEB-2003 21:01:58	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	4849	No
380	GOM_NL__2PRFIN20030202_210500_000000472013_00286_04849_5327.N1	02-FEB-2003 21:05:00	Bright	46.500	133	40Zet Her	2.8070	6000.0	93	4849	No
381	GOM_NL__2PRFIN20030202_210921_000001112013_00286_04849_5328.N1	02-FEB-2003 21:09:21	Twi_and_stray	111.00	83		2.3780	11000.	222	4849	No
382	GOM_NL__2PRFIN20030202_211612_000000732013_00286_04849_5329.N1	02-FEB-2003 21:16:12	Twi_and_stray	73.000	102	24Alp Ser	2.6000	4250.0	146	4849	No
383	GOM_NL__2PRFIN20030202_211913_000000012013_00286_04849_5330.N1	02-FEB-2003 21:19:13	Dark	0.50000	1012	Venus	0.0000	0.0000	1	4849	Yes
384	GOM_NL__2PRFIN20030202_212148_000000592013_00286_04849_5331.N1	02-FEB-2003 21:21:48	Dark	59.000	1014	Mars	0.0000	0.0000	118	4849	Yes
385	GOM_NL__2PRFIN20030202_212353_000000702013_00286_04849_5332.N1	02-FEB-2003 21:23:53	Dark	69.500	104	27Bet Lib	2.6140	13100.	139	4849	No
386	GOM_NL__2PRFIN20030202_212715_000000382013_00286_04849_5333.N1	02-FEB-2003 21:27:15	Dark	37.500	147	Alp Ara	2.8770	26000.	75	4849	No
387	GOM_NL__2PRFIN20030202_212909_000000432013_00286_04849_5334.N1	02-FEB-2003 21:29:09	Dark	43.000	131	Gam Lup	2.8000	26000.	86	4849	No
388	GOM_NL__2PRFIN20030202_213239_000000392013_00287_04850_5303.N1	02-FEB-2003 21:32:39	Dark	38.500	43	Alp TrA	1.9100	4250.0	77	4850	No
389	GOM_NL__2PRFIN20030202_213410_000000392013_00287_04850_5304.N1	02-FEB-2003 21:34:10	Dark	38.500	145	Gam TrA	2.8720	10600.	77	4850	No
390	GOM_NL__2PRFIN20030202_213849_000000422013_00287_04850_5305.N1	02-FEB-2003 21:38:49	Dark	42.000	12	Alp1Cru	0.77500	30000.	84	4850	No
391	GOM_NL__2PRFIN20030202_214214_000000382013_00287_04850_5306.N1	02-FEB-2003 21:42:14	Dark	38.000	29	Bet Car	1.6720	10200.	76	4850	No
392	GOM_NL__2PRFIN20030202_214437_000000422013_00287_04850_5307.N1	02-FEB-2003 21:44:37	Dark	42.000	71	Iot Car	2.2460	7700.0	84	4850	No
393	GOM_NL__2PRFIN20030202_214621_000000432013_00287_04850_5308.N1	02-FEB-2003 21:46:21	Dark	43.000	46	Del Vel	1.9540	10600.	86	4850	No
394	GOM_NL__2PRFIN20030202_214852_000000432013_00287_04850_5309.N1	02-FEB-2003 21:48:52	Straylight	43.000	34	Gam2Vel	1.7930	23000.	86	4850	No
395	GOM_NL__2PRFIN20030202_215057_000000422013_00287_04850_5310.N1	02-FEB-2003 21:50:57	Straylight	42.000	70	Zet Pup	2.2460	39000.	84	4850	No
396	GOM_NL__2PRFIN20030202_215218_000000442013_00287_04850_5311.N1	02-FEB-2003 21:52:18	Straylight	43.500	117	Pi Pup	2.7060	3800.0	87	4850	No

397	GOM_NL__2PRFIN20030202_215411_000002132013_00287_04850_5312.N1	02-FEB-2003 21:54:11	Straylight	213.00	100	4Gam Crv	2.5800	13100.	426	4850	No
398	GOM_NL__2PRFIN20030202_215949_000000622013_00287_04850_5313.N1	02-FEB-2003 21:59:49	Straylight	61.500	48	30Alp Hya	1.9770	4100.0	123	4850	No
399	GOM_NL__2PRFIN20030202_220359_000000532013_00287_04850_5314.N1	02-FEB-2003 22:03:59	Twi_and_stray	53.000	8	10Alp CMi	0.40000	6500.0	106	4850	No
400	GOM_NL__2PRFIN20030202_220846_000000552013_00287_04850_5315.N1	02-FEB-2003 22:08:46	Dark	54.500	1015	Jupiter	0.0000	0.0000	109	4850	Yes
401	GOM_NL__2PRFIN20030202_221037_000000402013_00287_04850_5316.N1	02-FEB-2003 22:10:37	Bright	39.500	17	78Bet Gem	1.1610	4500.0	79	4850	No
402	GOM_NL__2PRFIN20030202_221339_000000372013_00287_04850_5317.N1	02-FEB-2003 22:13:39	Bright	36.500	107	37The Aur	2.6490	11000.	73	4850	No
403	GOM_NL__2PRFIN20030202_221544_000000372013_00287_04850_5318.N1	02-FEB-2003 22:15:44	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	4850	No
404	GOM_NL__2PRFIN20030202_222441_000000502013_00287_04850_5319.N1	02-FEB-2003 22:24:41	Bright	50.000	82	48Bet UMa	2.3650	10600.	100	4850	No
405	GOM_NL__2PRFIN20030202_222754_000000362013_00287_04850_5320.N1	02-FEB-2003 22:27:54	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	4850	No
406	GOM_NL__2PRFIN20030202_223053_000000412013_00287_04850_5321.N1	02-FEB-2003 22:30:53	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	4850	No
407	GOM_NL__2PRFIN20030202_223238_000000592013_00287_04850_5322.N1	02-FEB-2003 22:32:38	Bright	58.500	55	79Zet UMa	2.0600	10200.	117	4850	No
408	GOM_NL__2PRFIN20030202_223538_000000402013_00287_04850_5323.N1	02-FEB-2003 22:35:38	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	4850	No
409	GOM_NL__2PRFIN20030202_223852_000000392013_00287_04850_5324.N1	02-FEB-2003 22:38:52	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	4850	No
410	GOM_NL__2PRFIN20030202_224234_000000392013_00287_04850_5325.N1	02-FEB-2003 22:42:34	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	4850	No
411	GOM_NL__2PRFIN20030202_224536_000000452013_00287_04850_5326.N1	02-FEB-2003 22:45:36	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	4850	No
412	GOM_NL__2PRFIN20030202_224958_000001272013_00287_04850_5327.N1	02-FEB-2003 22:49:58	Twi_and_stray	126.50	83		2.3780	11000.	253	4850	No
413	GOM_NL__2PRFIN20030202_225649_000000762013_00287_04850_5328.N1	02-FEB-2003 22:56:49	Twi_and_stray	75.500	102	24Alp Ser	2.6000	4250.0	151	4850	No
414	GOM_NL__2PRFIN20030202_225949_000000012013_00287_04850_5329.N1	02-FEB-2003 22:59:49	Dark	0.50000	1012	Venus	0.0000	0.0000	1	4850	Yes
415	GOM_NL__2PRFIN20030202_230224_000000562013_00287_04850_5330.N1	02-FEB-2003 23:02:24	Dark	55.500	1014	Mars	0.0000	0.0000	111	4850	Yes
416	GOM_NL__2PRFIN20030202_230431_000000712013_00287_04850_5331.N1	02-FEB-2003 23:04:31	Dark	71.000	104	27Bet Lib	2.6140	13100.	142	4850	No
417	GOM_NL__2PRFIN20030202_230751_000000382013_00287_04850_5332.N1	02-FEB-2003 23:07:51	Dark	38.000	147	Alp Ara	2.8770	26000.	76	4850	No
418	GOM_NL__2PRFIN20030202_230946_000000452013_00287_04850_5333.N1	02-FEB-2003 23:09:46	Dark	44.500	131	Gam Lup	2.8000	26000.	89	4850	No
419	GOM_NL__2PRFIN20030202_231315_000000512013_00288_04851_5303.N1	02-FEB-2003 23:13:15	Dark	51.000	43	Alp TrA	1.9100	4250.0	102	4851	No
420	GOM_NL__2PRFIN20030202_231446_000000382013_00288_04851_5304.N1	02-FEB-2003 23:14:46	Dark	38.000	145	Gam TrA	2.8720	10600.	76	4851	No
421	GOM_NL__2PRFIN20030202_231926_000000432013_00288_04851_5305.N1	02-FEB-2003 23:19:26	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	4851	No
422	GOM_NL__2PRFIN20030202_232250_000000422013_00288_04851_5306.N1	02-FEB-2003 23:22:50	Dark	41.500	29	Bet Car	1.6720	10200.	83	4851	No
423	GOM_NL__2PRFIN20030202_232513_000000422013_00288_04851_5307.N1	02-FEB-2003 23:25:13	Dark	41.500	71	Iot Car	2.2460	7700.0	83	4851	No
424	GOM_NL__2PRFIN20030202_232657_000000422013_00288_04851_5308.N1	02-FEB-2003 23:26:57	Dark	42.000	46	Del Vel	1.9540	10600.	84	4851	No
425	GOM_NL__2PRFIN20030202_232928_000000422013_00288_04851_5309.N1	02-FEB-2003 23:29:28	Straylight	42.000	34	Gam2Vel	1.7930	23000.	84	4851	No
426	GOM_NL__2PRFIN20030202_233132_000000412013_00288_04851_5310.N1	02-FEB-2003 23:31:32	Straylight	41.000	70	Zet Pup	2.2460	39000.	82	4851	No
427	GOM_NL__2PRFIN20030202_233254_000000432013_00288_04851_5311.N1	02-FEB-2003 23:32:54	Straylight	42.500	117	Pi Pup	2.7060	3800.0	85	4851	No
428	GOM_NL__2PRFIN20030202_233448_000002132013_00288_04851_5312.N1	02-FEB-2003 23:34:48	Straylight	213.00	100	4Gam Crv	2.5800	13100.	426	4851	No
429	GOM_NL__2PRFIN20030202_234024_000000592013_00288_04851_5313.N1	02-FEB-2003 23:40:24	Straylight	58.500	48	30Alp Hya	1.9770	4100.0	117	4851	No
430	GOM_NL__2PRFIN20030202_234434_000000522013_00288_04851_5314.N1	02-FEB-2003 23:44:34	Twi_and_stray	52.000	8	10Alp CMi	0.40000	6500.0	104	4851	No
431	GOM_NL__2PRFIN20030202_234921_000000552013_00288_04851_5315.N1	02-FEB-2003 23:49:21	Dark	54.500	1015	Jupiter	0.0000	0.0000	109	4851	Yes
432	GOM_NL__2PRFIN20030202_235112_000000402013_00288_04851_5316.N1	02-FEB-2003 23:51:12	Bright	40.000	17	78Bet Gem	1.1610	4500.0	80	4851	No
433	GOM_NL__2PRFIN20030202_235415_000000372013_00288_04851_5317.N1	02-FEB-2003 23:54:15	Bright	37.000	107	37The Aur	2.6490	11000.	74	4851	No
434	GOM_NL__2PRFIN20030202_235620_000000362013_00288_04851_5318.N1	02-FEB-2003 23:56:20	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	4851	No

3. Quality information per product

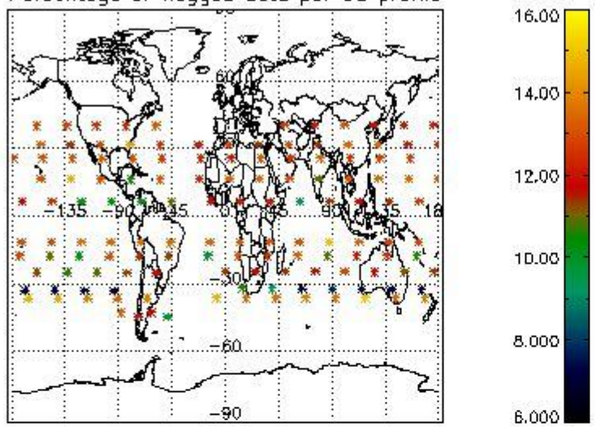
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

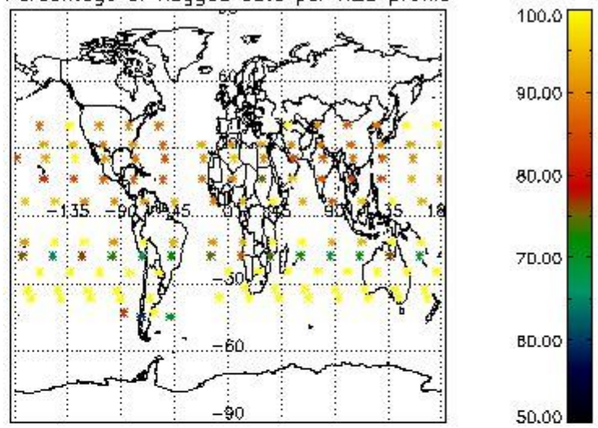


3.2 Plot quality information per product (world map)

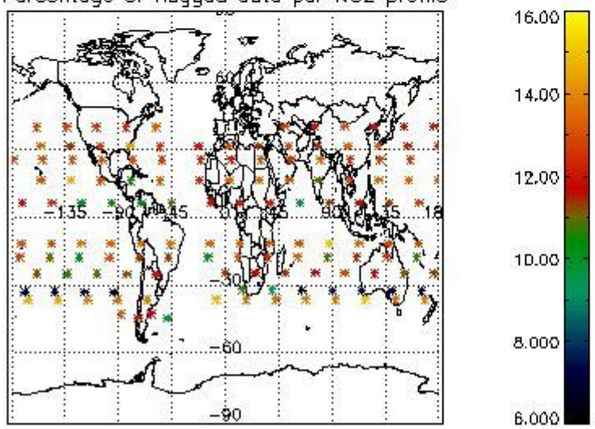
Percentage of flagged data per O3 profile



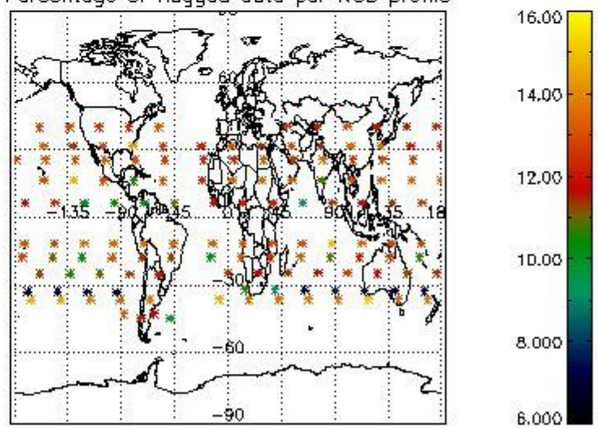
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

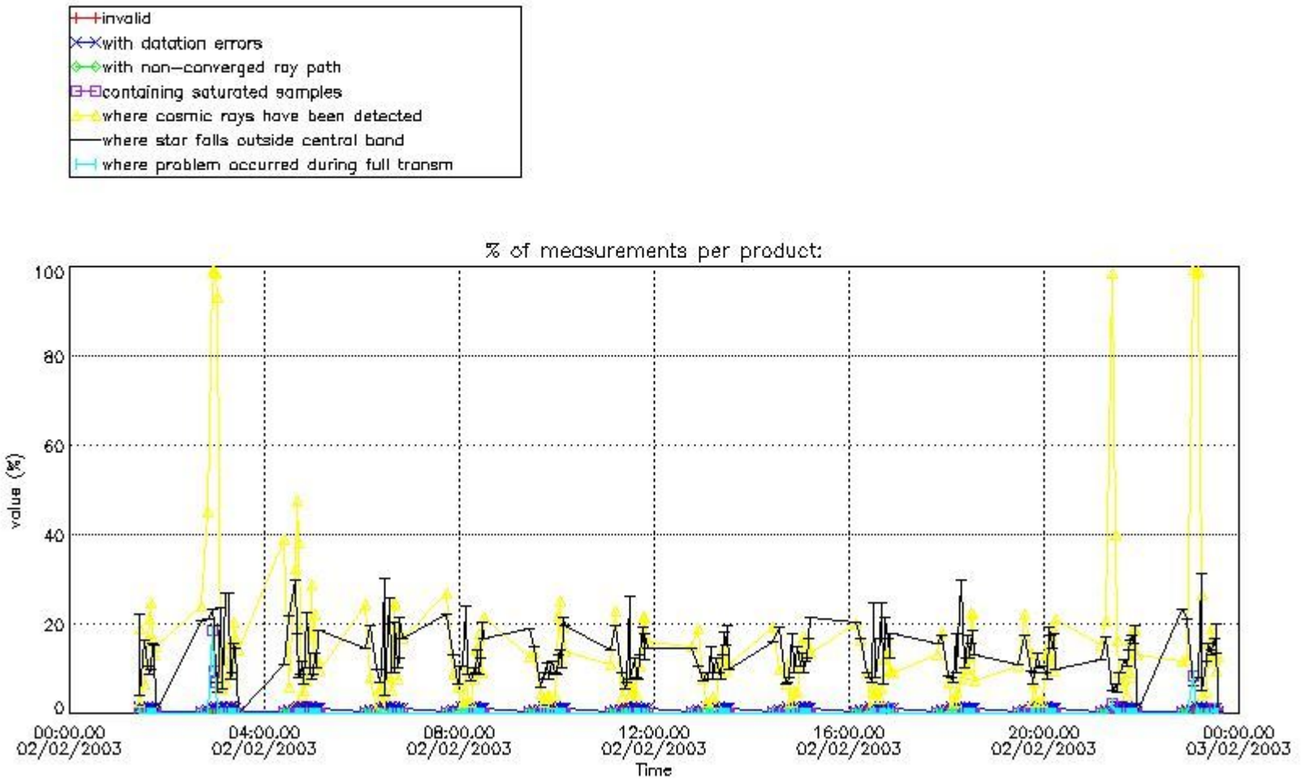


4. Level 1 quality information per product

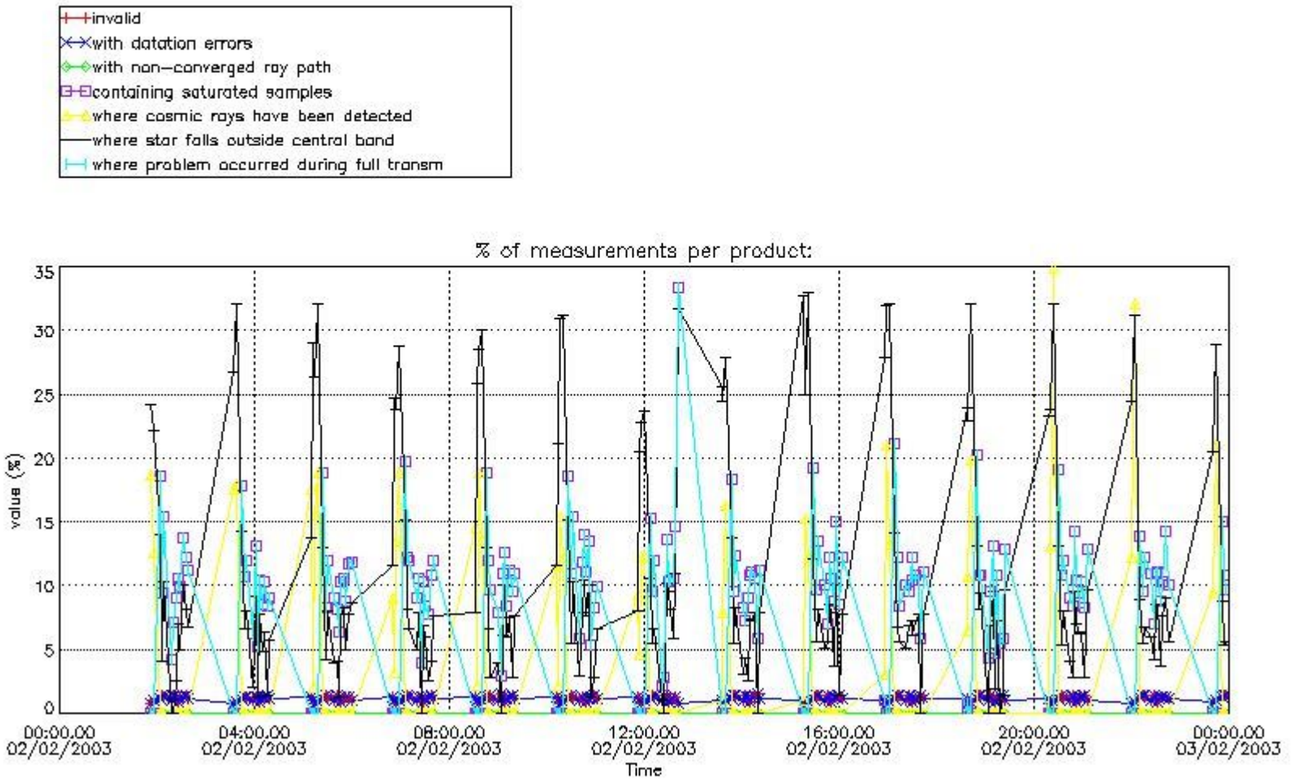
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processsing. Products without errors (error flag in the MPH set to "0") are used.

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

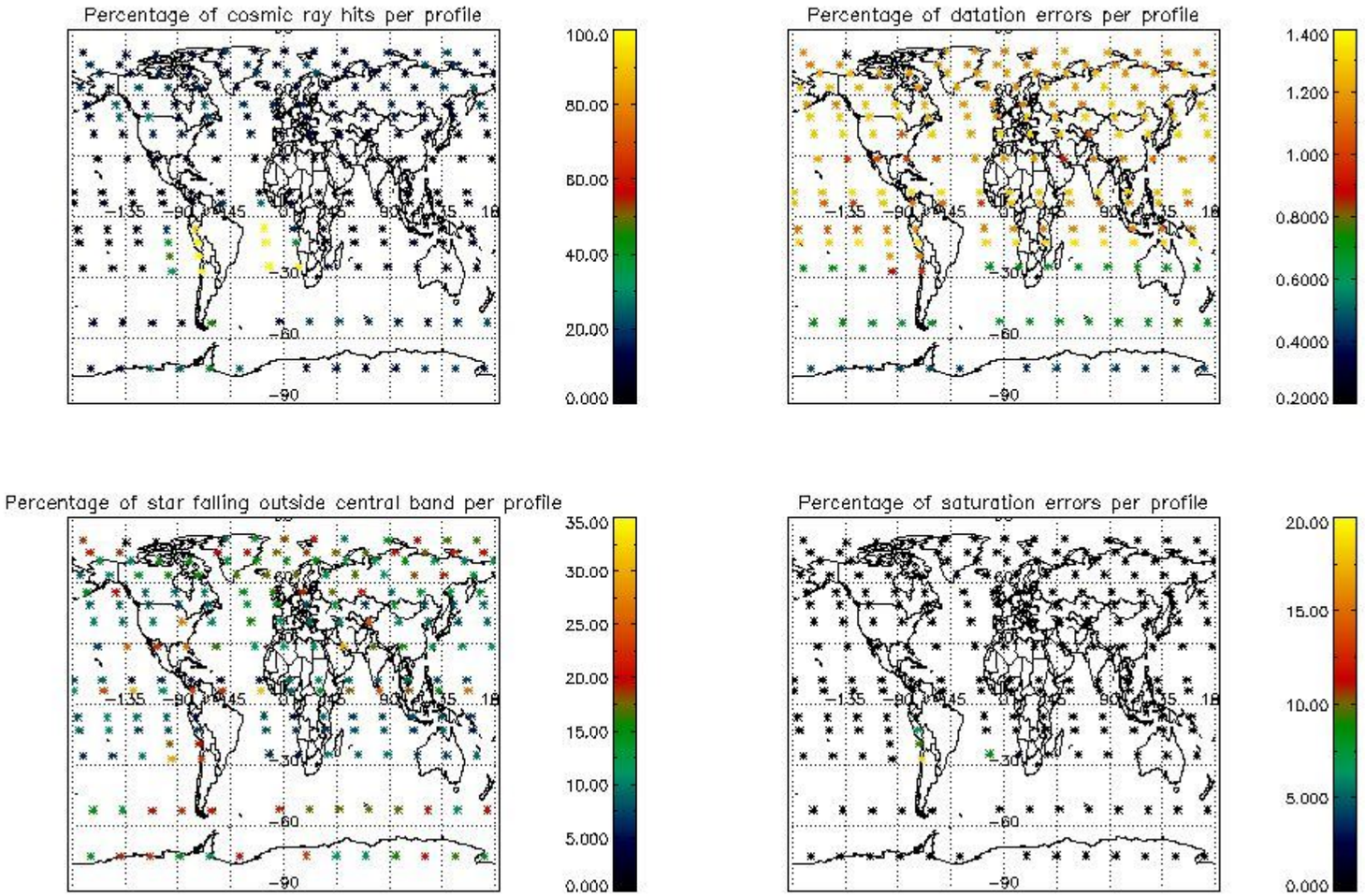


4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



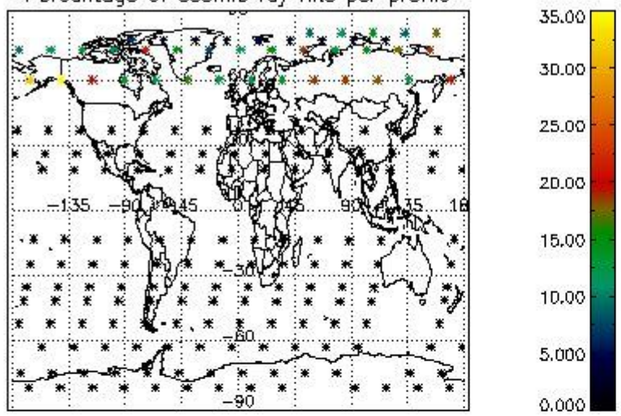
4.2 Plot quality information per product comming from level 1b processing (world map)

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

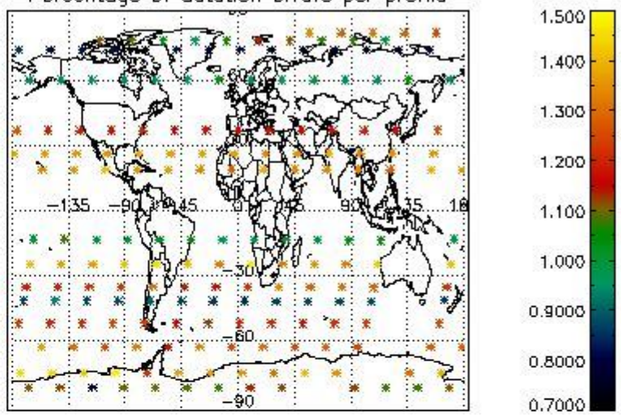


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

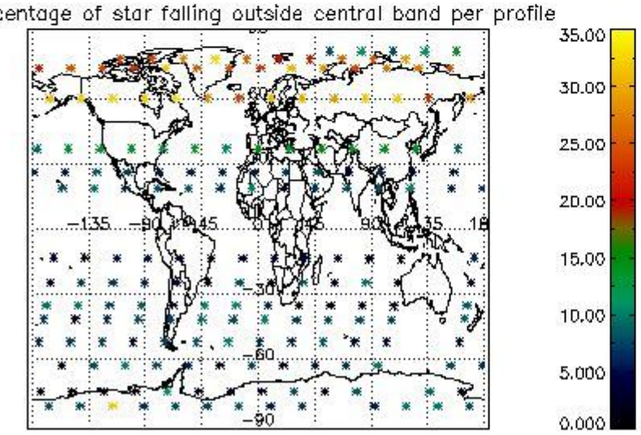
Percentage of cosmic ray hits per profile



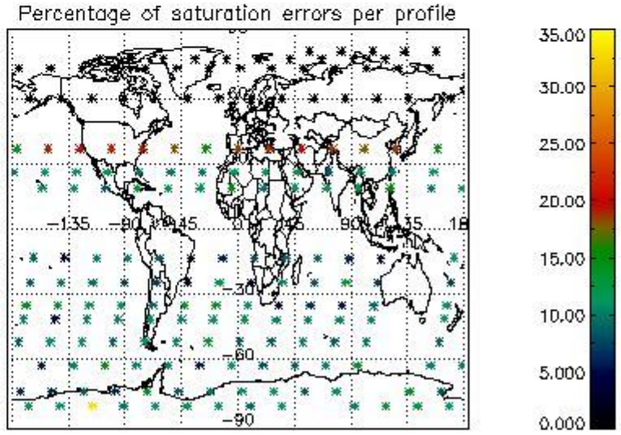
Percentage of datation errors per profile



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

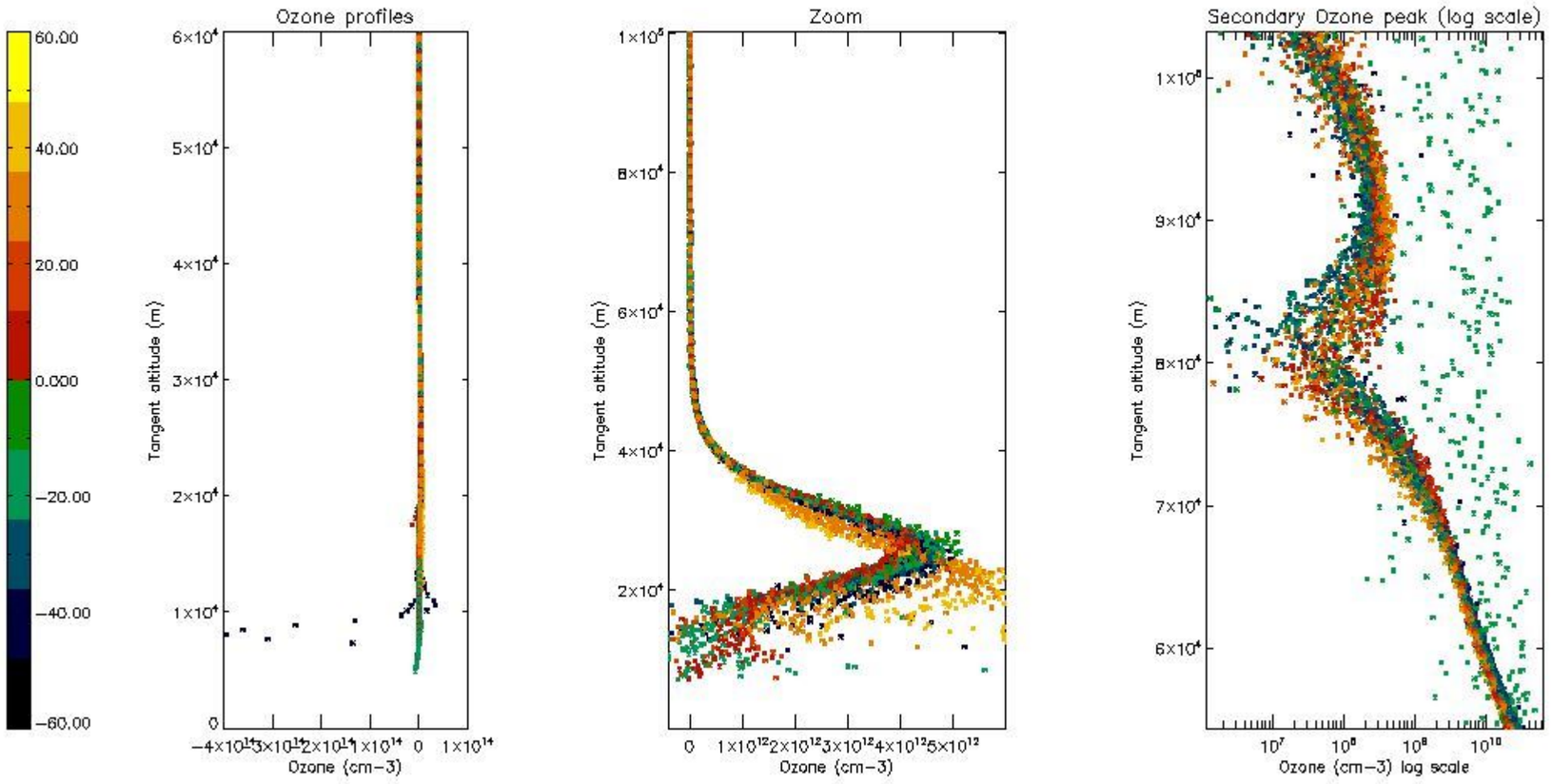
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	31
STD < 20	19

STD < 10	16
STD < 5	12

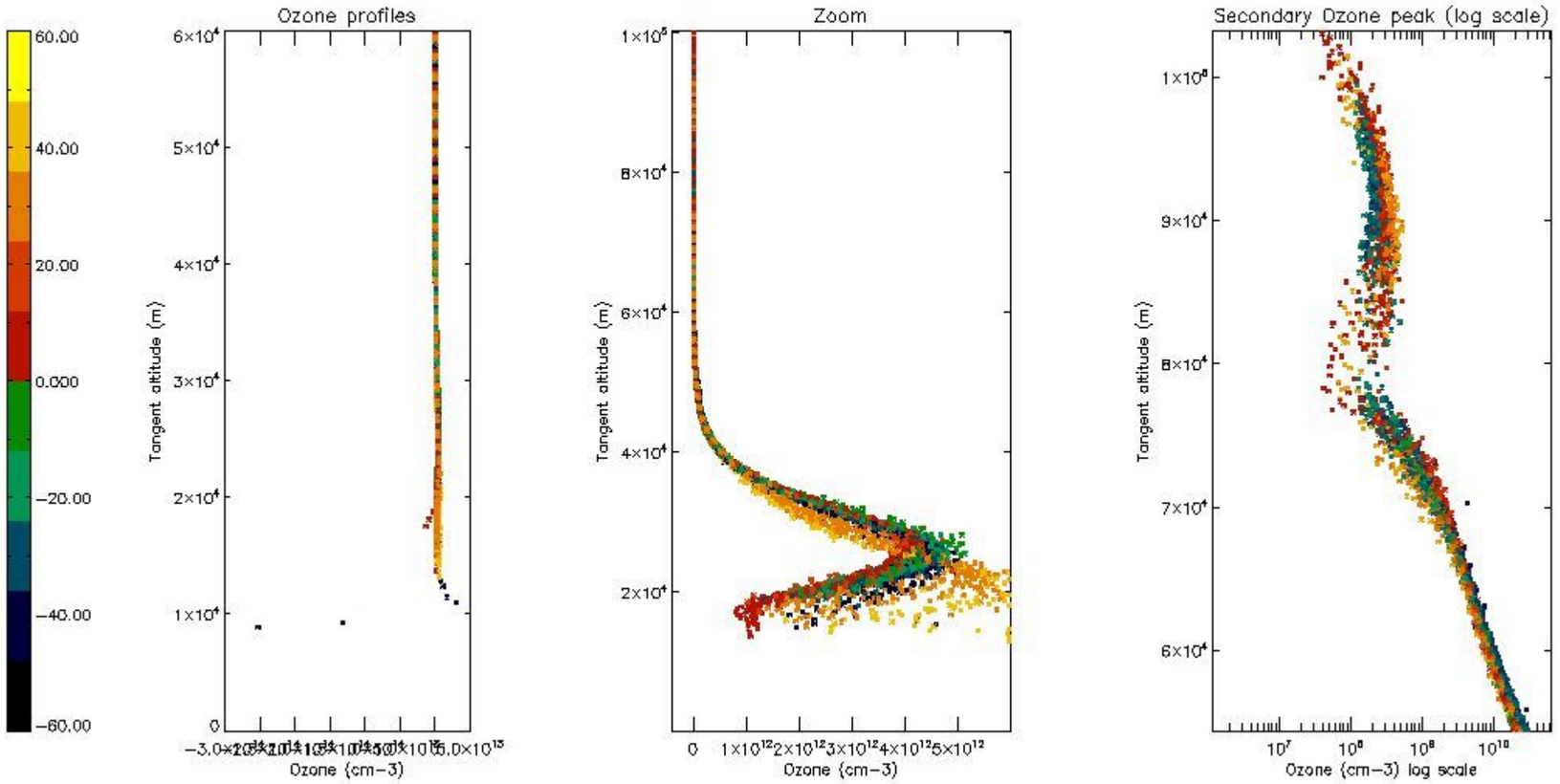
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



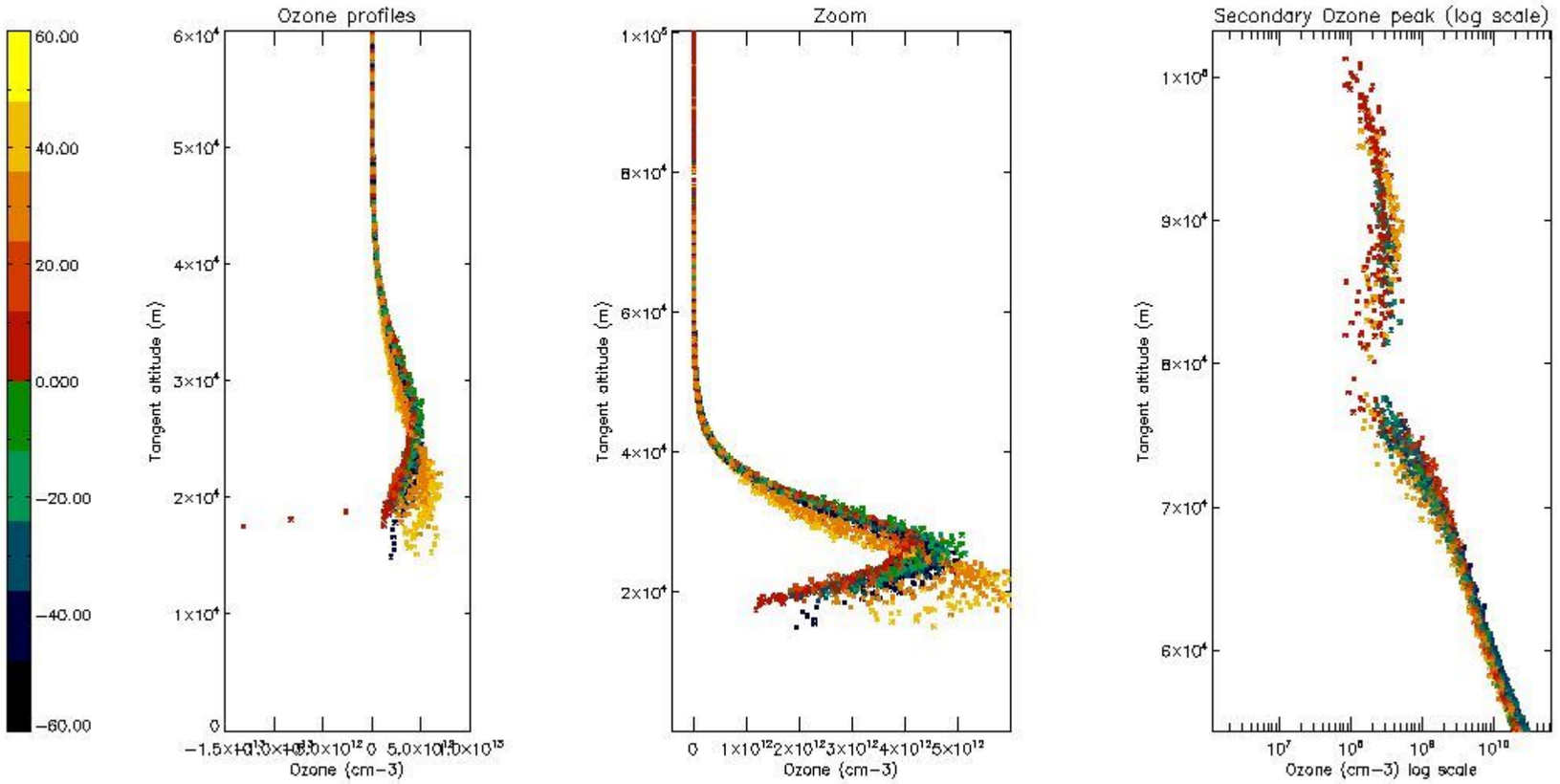
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



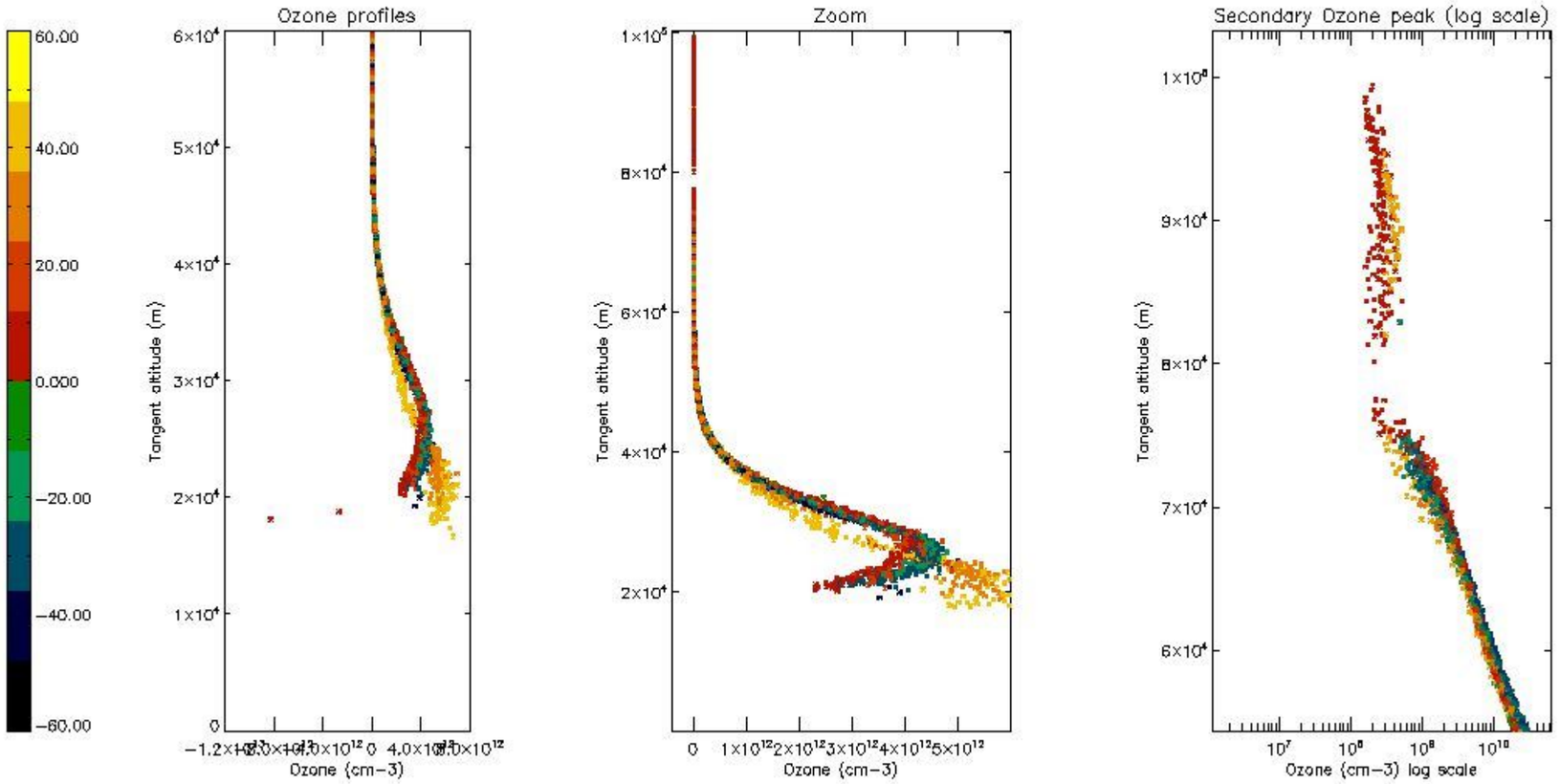
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



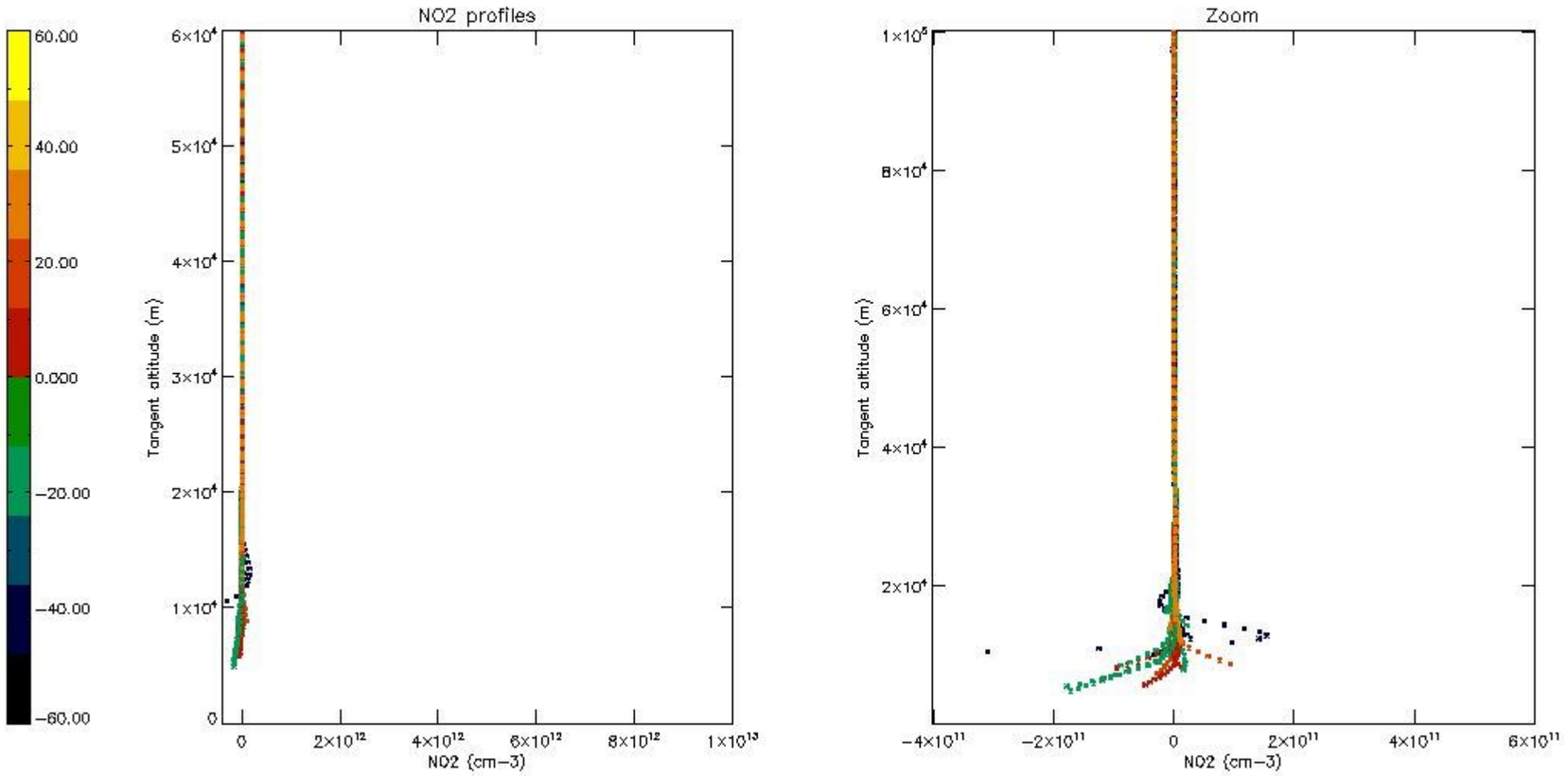
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



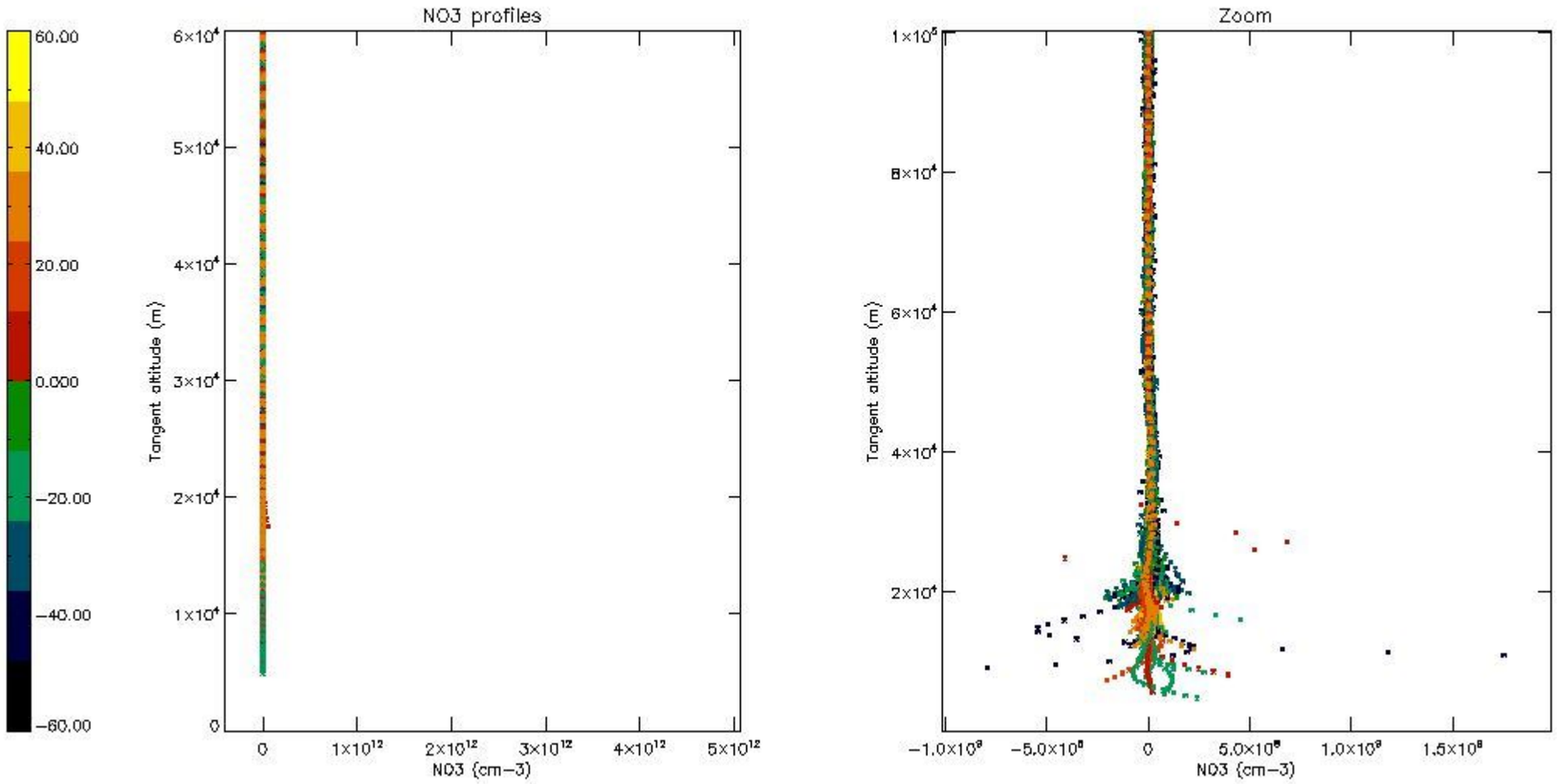
5.6 Plot NO2 profiles for all STD (dark without errors)

The colorbar represents the latitude.



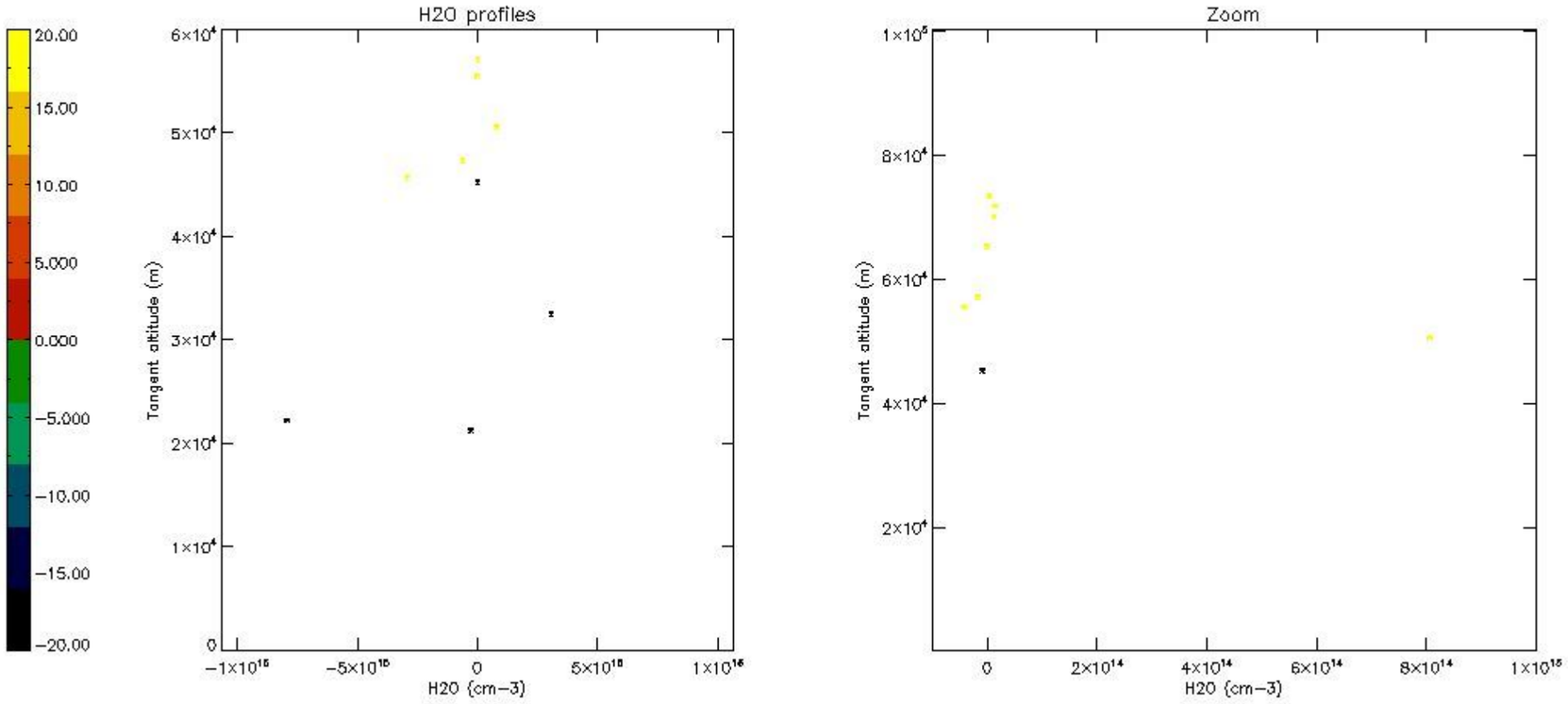
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXNIEC20050627_150440_20020301_000000_20100101_000000	1	02-FEB-2003 01:25:26
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	02-FEB-2003 01:25:26
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	02-FEB-2003 01:25:26

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	19APR2013 08:40:44
Data source version	GOMOS/6.01
Start time of products	02-02-2003 (02FEB2003 00:00:00)
Stop time of products	03-02-2003 (03FEB2003 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	434
Nb of prods with errors	40

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__2PRFIN20030202_012526_000000452013_00275_04838_5303.N1	02-FEB-2003 01:25:26	Dark	45.000	43	Alp TrA	1.9100	4250.0	90	4838	No
2	GOM_NL__2PRFIN20030202_012654_000000382013_00275_04838_5304.N1	02-FEB-2003 01:26:54	Dark	37.500	145	Gam TrA	2.8720	10600.	75	4838	No
3	GOM_NL__2PRFIN20030202_013131_000000462013_00275_04838_5305.N1	02-FEB-2003 01:31:31	Dark	46.000	12	Alp1Cru	0.77500	30000.	92	4838	No
4	GOM_NL__2PRFIN20030202_013500_000000392013_00275_04838_5306.N1	02-FEB-2003 01:35:00	Dark	38.500	29	Bet Car	1.6720	10200.	77	4838	No
5	GOM_NL__2PRFIN20030202_013722_000000402013_00275_04838_5307.N1	02-FEB-2003 01:37:22	Dark	40.000	71	Iot Car	2.2460	7700.0	80	4838	No
6	GOM_NL__2PRFIN20030202_013906_000000412013_00275_04838_5308.N1	02-FEB-2003 01:39:06	Dark	40.500	46	Del Vel	1.9540	10600.	81	4838	No
7	GOM_NL__2PRFIN20030202_014137_000000422013_00275_04838_5309.N1	02-FEB-2003 01:41:37	Dark	42.000	34	Gam2Vel	1.7930	23000.	84	4838	No
8	GOM_NL__2PRFIN20030202_014342_000000432013_00275_04838_5310.N1	02-FEB-2003 01:43:42	Straylight	42.500	70	Zet Pup	2.2460	39000.	85	4838	No
9	GOM_NL__2PRFIN20030202_014650_000002132013_00275_04838_5311.N1	02-FEB-2003 01:46:50	Straylight	213.00	100	4Gam Crv	2.5800	13100.	426	4838	No
10	GOM_NL__2PRFIN20030202_015237_000000642013_00275_04838_5312.N1	02-FEB-2003 01:52:37	Straylight	64.000	48	30Alp Hya	1.9770	4100.0	128	4838	No
11	GOM_NL__2PRFIN20030202_015647_000000482013_00275_04838_5313.N1	02-FEB-2003 01:56:47	Twi_and_stray	47.500	8	10Alp CMi	0.40000	6500.0	95	4838	No
12	GOM_NL__2PRFIN20030202_020141_000000552013_00275_04838_5314.N1	02-FEB-2003 02:01:41	Dark	55.000	1015	Jupiter	0.0000	0.0000	110	4838	Yes
13	GOM_NL__2PRFIN20030202_020326_000000432013_00275_04838_5315.N1	02-FEB-2003 02:03:26	Bright	43.000	17	78Bet Gem	1.1610	4500.0	86	4838	No
14	GOM_NL__2PRFIN20030202_020625_000000372013_00275_04838_5316.N1	02-FEB-2003 02:06:25	Bright	37.000	107	37The Aur	2.6490	11000.	74	4838	No
15	GOM_NL__2PRFIN20030202_020830_000000392013_00275_04838_5317.N1	02-FEB-2003 02:08:30	Bright	39.000	42	34Bet Aur	1.9000	10200.	78	4838	No
16	GOM_NL__2PRFIN20030202_021740_000000482013_00275_04838_5318.N1	02-FEB-2003 02:17:40	Bright	47.500	82	48Bet UMa	2.3650	10600.	95	4838	No
17	GOM_NL__2PRFIN20030202_022043_000000352013_00275_04838_5319.N1	02-FEB-2003 02:20:43	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	4838	No
18	GOM_NL__2PRFIN20030202_022345_000000392013_00275_04838_5320.N1	02-FEB-2003 02:23:45	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	4838	No
19	GOM_NL__2PRFIN20030202_022537_000000572013_00275_04838_5321.N1	02-FEB-2003 02:25:37	Bright	57.000	55	79Zet UMa	2.0600	10200.	114	4838	No
20	GOM_NL__2PRFIN20030202_022829_000000412013_00275_04838_5322.N1	02-FEB-2003 02:28:29	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	4838	No
21	GOM_NL__2PRFIN20030202_023142_000000402013_00275_04838_5323.N1	02-FEB-2003 02:31:42	Bright	40.000	130	23Bet Dra	2.7990	5800.0	80	4838	No
22	GOM_NL__2PRFIN20030202_023522_000000372013_00275_04838_5324.N1	02-FEB-2003 02:35:22	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	4838	No
23	GOM_NL__2PRFIN20030202_023824_000000452013_00275_04838_5325.N1	02-FEB-2003 02:38:24	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	4838	No
24	GOM_NL__2PRFIN20030202_024237_000001172013_00275_04838_5326.N1	02-FEB-2003 02:42:37	Twi_and_stray	116.50	83		2.3780	11000.	233	4838	No
25	GOM_NL__2PRFIN20030202_024925_000000742013_00275_04838_5327.N1	02-FEB-2003 02:49:25	Twi_and_stray	74.000	102	24Alp Ser	2.6000	4250.0	148	4838	No
26	GOM_NL__2PRFIN20030202_025238_000000012013_00275_04838_5328.N1	02-FEB-2003 02:52:38	Dark	0.50000	1012	Venus	0.0000	0.0000	1	4838	Yes
27	GOM_NL__2PRFIN20030202_025510_000000512013_00275_04838_5329.N1	02-FEB-2003 02:55:10	Dark	50.500	1014	Mars	0.0000	0.0000	101	4838	Yes
28	GOM_NL__2PRFIN20030202_025636_000000522013_00275_04838_5330.N1	02-FEB-2003 02:56:36	Dark	51.500	16	21Alp Sco	1.0200	3000.0	103	4838	No
29	GOM_NL__2PRFIN20030202_025844_000000432013_00275_04838_5331.N1	02-FEB-2003 02:58:44	Dark	43.000	40	The Sco	1.8590	7100.0	86	4838	No
30	GOM_NL__2PRFIN20030202_030037_000000372013_00275_04838_5332.N1	02-FEB-2003 03:00:37	Dark	37.000	147	Alp Ara	2.8770	26000.	74	4838	No
31	GOM_NL__2PRFIN20030202_030225_000000432013_00275_04838_5333.N1	02-FEB-2003 03:02:25	Dark	42.500	131	Gam Lup	2.8000	26000.	85	4838	No
32	GOM_NL__2PRFIN20030202_030602_000000452013_00276_04839_5303.N1	02-FEB-2003 03:06:02	Dark	44.500	43	Alp TrA	1.9100	4250.0	89	4839	No
33	GOM_NL__2PRFIN20030202_030731_000000382013_00276_04839_5304.N1	02-FEB-2003 03:07:31	Dark	37.500	145	Gam TrA	2.8720	10600.	75	4839	No
34	GOM_NL__2PRFIN20030202_031208_000000512013_00276_04839_5305.N1	02-FEB-2003 03:12:08	Dark	50.500	12	Alp1Cru	0.77500	30000.	101	4839	No
35	GOM_NL__2PRFIN20030202_031536_000000482013_00276_04839_5306.N1	02-FEB-2003 03:15:36	Dark	48.000	29	Bet Car	1.6720	10200.	96	4839	No
36	GOM_NL__2PRFIN20030202_031759_000000392013_00276_04839_5307.N1	02-FEB-2003 03:17:59	Dark	39.000	71	Iot Car	2.2460	7700.0	78	4839	No
37	GOM_NL__2PRFIN20030202_031943_000000392013_00276_04839_5308.N1	02-FEB-2003 03:19:43	Dark	39.000	46	Del Vel	1.9540	10600.	78	4839	No
38	GOM_NL__2PRFIN20030202_032214_000000422013_00276_04839_5309.N1	02-FEB-2003 03:22:14	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	4839	No
39	GOM_NL__2PRFIN20030202_032419_000000422013_00276_04839_5310.N1	02-FEB-2003 03:24:19	Straylight	41.500	70	Zet Pup	2.2460	39000.	83	4839	No
40	GOM_NL__2PRFIN20030202_032727_000002132013_00276_04839_5311.N1	02-FEB-2003 03:27:27	Straylight	213.00	100	4Gam Crv	2.5800	13100.	426	4839	No
41	GOM_NL__2PRFIN20030202_033314_000000662013_00276_04839_5312.N1	02-FEB-2003 03:33:14	Straylight	65.500	48	30Alp Hya	1.9770	4100.0	131	4839	No
42	GOM_NL__2PRFIN20030202_033724_000000532013_00276_04839_5313.N1	02-FEB-2003 03:37:24	Twi_and_stray	53.000	8	10Alp CMi	0.40000	6500.0	106	4839	No

43	GOM_NL__2PRFIN20030202_034216_000000552013_00276_04839_5314.N1	02-FEB-2003 03:42:16	Dark	54.500	1015	Jupiter	0.0000	0.0000	109	4839	Yes
44	GOM_NL__2PRFIN20030202_034403_000000422013_00276_04839_5315.N1	02-FEB-2003 03:44:03	Bright	42.000	17	78Bet Gem	1.1610	4500.0	84	4839	No
45	GOM_NL__2PRFIN20030202_034701_000000382013_00276_04839_5316.N1	02-FEB-2003 03:47:01	Bright	37.500	107	37The Aur	2.6490	11000.	75	4839	No
46	GOM_NL__2PRFIN20030202_034906_000000382013_00276_04839_5317.N1	02-FEB-2003 03:49:06	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	4839	No
47	GOM_NL__2PRFIN20030202_035815_000000492013_00276_04839_5318.N1	02-FEB-2003 03:58:15	Bright	48.500	82	48Bet UMa	2.3650	10600.	97	4839	No
48	GOM_NL__2PRFIN20030202_040119_000000382013_00276_04839_5319.N1	02-FEB-2003 04:01:19	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	4839	No
49	GOM_NL__2PRFIN20030202_040421_000000392013_00276_04839_5320.N1	02-FEB-2003 04:04:21	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	4839	No
50	GOM_NL__2PRFIN20030202_040612_000000582013_00276_04839_5321.N1	02-FEB-2003 04:06:12	Bright	57.500	55	79Zet UMa	2.0600	10200.	115	4839	No
51	GOM_NL__2PRFIN20030202_040904_000000412013_00276_04839_5322.N1	02-FEB-2003 04:09:04	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	4839	No
52	GOM_NL__2PRFIN20030202_041217_000000392013_00276_04839_5323.N1	02-FEB-2003 04:12:17	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	4839	No
53	GOM_NL__2PRFIN20030202_041557_000000362013_00276_04839_5324.N1	02-FEB-2003 04:15:57	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	4839	No
54	GOM_NL__2PRFIN20030202_041859_000000442013_00276_04839_5325.N1	02-FEB-2003 04:18:59	Bright	44.000	133	40Zet Her	2.8070	6000.0	88	4839	No
55	GOM_NL__2PRFIN20030202_042314_000001052013_00276_04839_5326.N1	02-FEB-2003 04:23:14	Twi_and_stray	104.50	83		2.3780	11000.	209	4839	No
56	GOM_NL__2PRFIN20030202_043001_000000762013_00276_04839_5327.N1	02-FEB-2003 04:30:01	Twi_and_stray	76.000	102	24Alp Ser	2.6000	4250.0	152	4839	No
57	GOM_NL__2PRFIN20030202_043314_000000012013_00276_04839_5328.N1	02-FEB-2003 04:33:14	Dark	0.50000	1012	Venus	0.0000	0.0000	1	4839	Yes
58	GOM_NL__2PRFIN20030202_043545_000000522013_00276_04839_5329.N1	02-FEB-2003 04:35:45	Dark	51.500	1014	Mars	0.0000	0.0000	103	4839	Yes
59	GOM_NL__2PRFIN20030202_043712_000000572013_00276_04839_5330.N1	02-FEB-2003 04:37:12	Dark	57.000	16	21Alp Sco	1.0200	3000.0	114	4839	No
60	GOM_NL__2PRFIN20030202_043921_000000422013_00276_04839_5331.N1	02-FEB-2003 04:39:21	Dark	42.000	40	The Sco	1.8590	7100.0	84	4839	No
61	GOM_NL__2PRFIN20030202_044113_000000382013_00276_04839_5332.N1	02-FEB-2003 04:41:13	Dark	38.000	147	Alp Ara	2.8770	26000.	76	4839	No
62	GOM_NL__2PRFIN20030202_044301_000000452013_00276_04839_5333.N1	02-FEB-2003 04:43:01	Dark	45.000	131	Gam Lup	2.8000	26000.	90	4839	No
63	GOM_NL__2PRFIN20030202_044638_000000392013_00277_04840_5303.N1	02-FEB-2003 04:46:38	Dark	39.000	43	Alp TrA	1.9100	4250.0	78	4840	No
64	GOM_NL__2PRFIN20030202_044807_000000382013_00277_04840_5304.N1	02-FEB-2003 04:48:07	Dark	38.000	145	Gam TrA	2.8720	10600.	76	4840	No
65	GOM_NL__2PRFIN20030202_045244_000000492013_00277_04840_5305.N1	02-FEB-2003 04:52:44	Dark	48.500	12	Alp1Cru	0.77500	30000.	97	4840	No
66	GOM_NL__2PRFIN20030202_045612_000000392013_00277_04840_5306.N1	02-FEB-2003 04:56:12	Dark	39.000	29	Bet Car	1.6720	10200.	78	4840	No
67	GOM_NL__2PRFIN20030202_045835_000000392013_00277_04840_5307.N1	02-FEB-2003 04:58:35	Dark	38.500	71	Iot Car	2.2460	7700.0	77	4840	No
68	GOM_NL__2PRFIN20030202_050019_000000402013_00277_04840_5308.N1	02-FEB-2003 05:00:19	Dark	39.500	46	Del Vel	1.9540	10600.	79	4840	No
69	GOM_NL__2PRFIN20030202_050250_000000412013_00277_04840_5309.N1	02-FEB-2003 05:02:50	Dark	40.500	34	Gam2Vel	1.7930	23000.	81	4840	No
70	GOM_NL__2PRFIN20030202_050455_000000402013_00277_04840_5310.N1	02-FEB-2003 05:04:55	Straylight	39.500	70	Zet Pup	2.2460	39000.	79	4840	No
71	GOM_NL__2PRFIN20030202_050617_000000432013_00277_04840_5311.N1	02-FEB-2003 05:06:17	Straylight	43.000	117	Pi Pup	2.7060	3800.0	86	4840	No
72	GOM_NL__2PRFIN20030202_050843_000000432013_00277_04840_5312.N1	02-FEB-2003 05:08:43	Straylight	43.000	23	21Eps CMa	1.5020	26000.	86	4840	No
73	GOM_NL__2PRFIN20030202_051006_000000402013_00277_04840_5313.N1	02-FEB-2003 05:10:06	Straylight	40.000	179	24Omi2CMa	3.0320	24000.	80	4840	No
74	GOM_NL__2PRFIN20030202_051215_000000502013_00277_04840_5314.N1	02-FEB-2003 05:12:15	Straylight	50.000	1	9Alp CMa	-1.4400	11000.	100	4840	No
75	GOM_NL__2PRFIN20030202_051349_000000652013_00277_04840_5315.N1	02-FEB-2003 05:13:49	Straylight	64.500	48	30Alp Hya	1.9770	4100.0	129	4840	No
76	GOM_NL__2PRFIN20030202_051800_000000532013_00277_04840_5316.N1	02-FEB-2003 05:18:00	Twi_and_stray	53.000	8	10Alp CMi	0.40000	6500.0	106	4840	No
77	GOM_NL__2PRFIN20030202_052251_000000552013_00277_04840_5317.N1	02-FEB-2003 05:22:51	Dark	55.000	1015	Jupiter	0.0000	0.0000	110	4840	Yes
78	GOM_NL__2PRFIN20030202_052439_000000432013_00277_04840_5318.N1	02-FEB-2003 05:24:39	Bright	42.500	17	78Bet Gem	1.1610	4500.0	85	4840	No
79	GOM_NL__2PRFIN20030202_052738_000000362013_00277_04840_5319.N1	02-FEB-2003 05:27:38	Bright	36.000	107	37The Aur	2.6490	11000.	72	4840	No
80	GOM_NL__2PRFIN20030202_052942_000000382013_00277_04840_5320.N1	02-FEB-2003 05:29:42	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	4840	No
81	GOM_NL__2PRFIN20030202_053850_000000502013_00277_04840_5321.N1	02-FEB-2003 05:38:50	Bright	50.000	82	48Bet UMa	2.3650	10600.	100	4840	No
82	GOM_NL__2PRFIN20030202_054154_000000372013_00277_04840_5322.N1	02-FEB-2003 05:41:54	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	4840	No
83	GOM_NL__2PRFIN20030202_054456_000000392013_00277_04840_5323.N1	02-FEB-2003 05:44:56	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	4840	No
84	GOM_NL__2PRFIN20030202_054646_000000582013_00277_04840_5324.N1	02-FEB-2003 05:46:46	Bright	58.000	55	79Zet UMa	2.0600	10200.	116	4840	No
85	GOM_NL__2PRFIN20030202_054940_000000432013_00277_04840_5325.N1	02-FEB-2003 05:49:40	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	4840	No
86	GOM_NL__2PRFIN20030202_055252_000000402013_00277_04840_5326.N1	02-FEB-2003 05:52:52	Bright	40.000	130	23Bet Dra	2.7990	5800.0	80	4840	No
87	GOM_NL__2PRFIN20030202_055633_000000392013_00277_04840_5327.N1	02-FEB-2003 05:56:33	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	4840	No
88	GOM_NL__2PRFIN20030202_055935_000000472013_00277_04840_5328.N1	02-FEB-2003 05:59:35	Bright	46.500	133	40Zet Her	2.8070	6000.0	93	4840	No
89	GOM_NL__2PRFIN20030202_060351_000001102013_00277_04840_5329.N1	02-FEB-2003 06:03:51	Twi_and_stray	109.50	83		2.3780	11000.	219	4840	No
90	GOM_NL__2PRFIN20030202_061038_000000742013_00277_04840_5330.N1	02-FEB-2003 06:10:38	Twi_and_stray	74.000	102	24Alp Ser	2.6000	4250.0	148	4840	No
91	GOM_NL__2PRFIN20030202_061349_000000012013_00277_04840_5331.N1	02-FEB-2003 06:13:49	Dark	0.50000	1012	Venus	0.0000	0.0000	1	4840	Yes
92	GOM_NL__2PRFIN20030202_061621_000000512013_00277_04840_5332.N1	02-FEB-2003 06:16:21	Dark	50.500	1014	Mars	0.0000	0.0000	101	4840	Yes
93	GOM_NL__2PRFIN20030202_061815_000000722013_00277_04840_5333.N1	02-FEB-2003 06:18:15	Dark	72.000	104	27Bet Lib	2.6140	13100.	144	4840	No
94	GOM_NL__2PRFIN20030202_062149_000000372013_00277_04840_5334.N1	02-FEB-2003 06:21:49	Dark	37.000	147	Alp Ara	2.8770	26000.	74	4840	No
95	GOM_NL__2PRFIN20030202_062337_000000472013_00277_04840_5335.N1	02-FEB-2003 06:23:37	Dark	46.500	131	Gam Lup	2.8000	26000.	93	4840	No
96	GOM_NL__2PRFIN20030202_062714_000000502013_00278_04841_5303.N1	02-FEB-2003 06:27:14	Dark	50.000	43	Alp TrA	1.9100	4250.0	100	4841	No
97	GOM_NL__2PRFIN20030202_062843_000000382013_00278_04841_5304.N1	02-FEB-2003 06:28:43	Dark	37.500	145	Gam TrA	2.8720	10600.	75	4841	No
98	GOM_NL__2PRFIN20030202_063321_000000512013_00278_04841_5305.N1	02-FEB-2003 06:33:21	Dark	50.500	12	Alp1Cru	0.77500	30000.	101	4841	No
99	GOM_NL__2PRFIN20030202_063648_000000382013_00278_04841_5306.N1	02-FEB-2003 06:36:48	Dark	38.000	29	Bet Car	1.6720	10200.	76	4841	No
100	GOM_NL__2PRFIN20030202_063911_000000392013_00278_04841_5307.N1	02-FEB-2003 06:39:11	Dark	39.000	71	Iot Car	2.2460	7700.0	78	4841	No
101	GOM_NL__2PRFIN20030202_064055_000000452013_00278_04841_5308.N1	02-FEB-2003 06:40:55	Dark	44.500	46	Del Vel	1.9540	10600.	89	4841	No

102	GOM_NL__2PRFIN20030202_064326_000000402013_00278_04841_5309.N1	02-FEB-2003 06:43:26	Dark	39.500	34	Gam2Vel	1.7930	23000.	79	4841	No
103	GOM_NL__2PRFIN20030202_064531_000000412013_00278_04841_5310.N1	02-FEB-2003 06:45:31	Straylight	40.500	70	Zet Pup	2.2460	39000.	81	4841	No
104	GOM_NL__2PRFIN20030202_064653_000000452013_00278_04841_5311.N1	02-FEB-2003 06:46:53	Straylight	44.500	117	Pi Pup	2.7060	3800.0	89	4841	No
105	GOM_NL__2PRFIN20030202_064919_000000422013_00278_04841_5312.N1	02-FEB-2003 06:49:19	Straylight	42.000	23	21Eps CMa	1.5020	26000.	84	4841	No
106	GOM_NL__2PRFIN20030202_065042_000000392013_00278_04841_5313.N1	02-FEB-2003 06:50:42	Straylight	39.000	179	24Omi2CMa	3.0320	24000.	78	4841	No
107	GOM_NL__2PRFIN20030202_065251_000000472013_00278_04841_5314.N1	02-FEB-2003 06:52:51	Straylight	46.500	1	9Alp CMa	-1.4400	11000.	93	4841	No
108	GOM_NL__2PRFIN20030202_065425_000000632013_00278_04841_5315.N1	02-FEB-2003 06:54:25	Straylight	63.000	48	30Alp Hya	1.9770	4100.0	126	4841	No
109	GOM_NL__2PRFIN20030202_065836_000000512013_00278_04841_5316.N1	02-FEB-2003 06:58:36	Twi_and_stray	50.500	8	10Alp CMi	0.40000	6500.0	101	4841	No
110	GOM_NL__2PRFIN20030202_070327_000000552013_00278_04841_5317.N1	02-FEB-2003 07:03:27	Dark	55.000	1015	Jupiter	0.0000	0.0000	110	4841	Yes
111	GOM_NL__2PRFIN20030202_070514_000000432013_00278_04841_5318.N1	02-FEB-2003 07:05:14	Bright	43.000	17	78Bet Gem	1.1610	4500.0	86	4841	No
112	GOM_NL__2PRFIN20030202_070814_000000372013_00278_04841_5319.N1	02-FEB-2003 07:08:14	Bright	37.000	107	37The Aur	2.6490	11000.	74	4841	No
113	GOM_NL__2PRFIN20030202_071018_000000382013_00278_04841_5320.N1	02-FEB-2003 07:10:18	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	4841	No
114	GOM_NL__2PRFIN20030202_071925_000000502013_00278_04841_5321.N1	02-FEB-2003 07:19:25	Bright	50.000	82	48Bet UMa	2.3650	10600.	100	4841	No
115	GOM_NL__2PRFIN20030202_072230_000000382013_00278_04841_5322.N1	02-FEB-2003 07:22:30	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	4841	No
116	GOM_NL__2PRFIN20030202_072532_000000382013_00278_04841_5323.N1	02-FEB-2003 07:25:32	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	4841	No
117	GOM_NL__2PRFIN20030202_072721_000000582013_00278_04841_5324.N1	02-FEB-2003 07:27:21	Bright	58.000	55	79Zet UMa	2.0600	10200.	116	4841	No
118	GOM_NL__2PRFIN20030202_073016_000000422013_00278_04841_5325.N1	02-FEB-2003 07:30:16	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	4841	No
119	GOM_NL__2PRFIN20030202_073329_000000392013_00278_04841_5326.N1	02-FEB-2003 07:33:29	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	4841	No
120	GOM_NL__2PRFIN20030202_073709_000000372013_00278_04841_5327.N1	02-FEB-2003 07:37:09	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	4841	No
121	GOM_NL__2PRFIN20030202_074011_000000462013_00278_04841_5328.N1	02-FEB-2003 07:40:11	Bright	46.000	133	40Zet Her	2.8070	6000.0	92	4841	No
122	GOM_NL__2PRFIN20030202_074428_000001202013_00278_04841_5329.N1	02-FEB-2003 07:44:28	Twi_and_stray	119.50	83		2.3780	11000.	239	4841	No
123	GOM_NL__2PRFIN20030202_075116_000000692013_00278_04841_5330.N1	02-FEB-2003 07:51:16	Twi_and_stray	68.500	102	24Alp Ser	2.6000	4250.0	137	4841	No
124	GOM_NL__2PRFIN20030202_075425_000000012013_00278_04841_5331.N1	02-FEB-2003 07:54:25	Dark	0.50000	1012	Venus	0.0000	0.0000	1	4841	Yes
125	GOM_NL__2PRFIN20030202_075658_000000572013_00278_04841_5332.N1	02-FEB-2003 07:56:58	Dark	57.000	1014	Mars	0.0000	0.0000	114	4841	Yes
126	GOM_NL__2PRFIN20030202_075852_000000702013_00278_04841_5333.N1	02-FEB-2003 07:58:52	Dark	70.000	104	27Bet Lib	2.6140	13100.	140	4841	No
127	GOM_NL__2PRFIN20030202_080226_000000392013_00278_04841_5334.N1	02-FEB-2003 08:02:26	Dark	38.500	147	Alp Ara	2.8770	26000.	77	4841	No
128	GOM_NL__2PRFIN20030202_080413_000000482013_00278_04841_5335.N1	02-FEB-2003 08:04:13	Dark	47.500	131	Gam Lup	2.8000	26000.	95	4841	No
129	GOM_NL__2PRFIN20030202_080750_000000462013_00279_04842_5303.N1	02-FEB-2003 08:07:50	Dark	46.000	43	Alp TrA	1.9100	4250.0	92	4842	No
130	GOM_NL__2PRFIN20030202_080919_000000402013_00279_04842_5304.N1	02-FEB-2003 08:09:19	Dark	39.500	145	Gam TrA	2.8720	10600.	79	4842	No
131	GOM_NL__2PRFIN20030202_081357_000000412013_00279_04842_5305.N1	02-FEB-2003 08:13:57	Dark	41.000	12	Alp1Cru	0.77500	30000.	82	4842	No
132	GOM_NL__2PRFIN20030202_081725_000000392013_00279_04842_5306.N1	02-FEB-2003 08:17:25	Dark	39.000	29	Bet Car	1.6720	10200.	78	4842	No
133	GOM_NL__2PRFIN20030202_081947_000000392013_00279_04842_5307.N1	02-FEB-2003 08:19:47	Dark	39.000	71	Iot Car	2.2460	7700.0	78	4842	No
134	GOM_NL__2PRFIN20030202_082131_000000422013_00279_04842_5308.N1	02-FEB-2003 08:21:31	Dark	42.000	46	Del Vel	1.9540	10600.	84	4842	No
135	GOM_NL__2PRFIN20030202_082402_000000402013_00279_04842_5309.N1	02-FEB-2003 08:24:02	Dark	39.500	34	Gam2Vel	1.7930	23000.	79	4842	No
136	GOM_NL__2PRFIN20030202_082607_000000412013_00279_04842_5310.N1	02-FEB-2003 08:26:07	Straylight	40.500	70	Zet Pup	2.2460	39000.	81	4842	No
137	GOM_NL__2PRFIN20030202_082729_000000442013_00279_04842_5311.N1	02-FEB-2003 08:27:29	Straylight	44.000	117	Pi Pup	2.7060	3800.0	88	4842	No
138	GOM_NL__2PRFIN20030202_082955_000000422013_00279_04842_5312.N1	02-FEB-2003 08:29:55	Straylight	42.000	23	21Eps CMa	1.5020	26000.	84	4842	No
139	GOM_NL__2PRFIN20030202_083118_000000382013_00279_04842_5313.N1	02-FEB-2003 08:31:18	Straylight	38.000	179	24Omi2CMa	3.0320	24000.	76	4842	No
140	GOM_NL__2PRFIN20030202_083328_000000472013_00279_04842_5314.N1	02-FEB-2003 08:33:28	Straylight	46.500	1	9Alp CMa	-1.4400	11000.	93	4842	No
141	GOM_NL__2PRFIN20030202_083501_000000672013_00279_04842_5315.N1	02-FEB-2003 08:35:01	Straylight	66.500	48	30Alp Hya	1.9770	4100.0	133	4842	No
142	GOM_NL__2PRFIN20030202_083912_000000522013_00279_04842_5316.N1	02-FEB-2003 08:39:12	Twi_and_stray	51.500	8	10Alp CMi	0.40000	6500.0	103	4842	No
143	GOM_NL__2PRFIN20030202_084402_000000562013_00279_04842_5317.N1	02-FEB-2003 08:44:02	Dark	55.500	1015	Jupiter	0.0000	0.0000	111	4842	Yes
144	GOM_NL__2PRFIN20030202_084550_000000432013_00279_04842_5318.N1	02-FEB-2003 08:45:50	Bright	42.500	17	78Bet Gem	1.1610	4500.0	85	4842	No
145	GOM_NL__2PRFIN20030202_084850_000000382013_00279_04842_5319.N1	02-FEB-2003 08:48:50	Bright	37.500	107	37The Aur	2.6490	11000.	75	4842	No
146	GOM_NL__2PRFIN20030202_085054_000000362013_00279_04842_5320.N1	02-FEB-2003 08:50:54	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	4842	No
147	GOM_NL__2PRFIN20030202_085959_000000512013_00279_04842_5321.N1	02-FEB-2003 08:59:59	Bright	50.500	82	48Bet UMa	2.3650	10600.	101	4842	No
148	GOM_NL__2PRFIN20030202_090306_000000342013_00279_04842_5322.N1	02-FEB-2003 09:03:06	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	4842	No
149	GOM_NL__2PRFIN20030202_090608_000000412013_00279_04842_5323.N1	02-FEB-2003 09:06:08	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	4842	No
150	GOM_NL__2PRFIN20030202_090757_000000602013_00279_04842_5324.N1	02-FEB-2003 09:07:57	Bright	59.500	55	79Zet UMa	2.0600	10200.	119	4842	No
151	GOM_NL__2PRFIN20030202_091052_000000422013_00279_04842_5325.N1	02-FEB-2003 09:10:52	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	4842	No
152	GOM_NL__2PRFIN20030202_091404_000000402013_00279_04842_5326.N1	02-FEB-2003 09:14:04	Bright	40.000	130	23Bet Dra	2.7990	5800.0	80	4842	No
153	GOM_NL__2PRFIN20030202_091745_000000372013_00279_04842_5327.N1	02-FEB-2003 09:17:45	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	4842	No
154	GOM_NL__2PRFIN20030202_092047_000000462013_00279_04842_5328.N1	02-FEB-2003 09:20:47	Bright	45.500	133	40Zet Her	2.8070	6000.0	91	4842	No
155	GOM_NL__2PRFIN20030202_092504_000001162013_00279_04842_5329.N1	02-FEB-2003 09:25:04	Twi_and_stray	115.50	83		2.3780	11000.	231	4842	No
156	GOM_NL__2PRFIN20030202_093152_000000712013_00279_04842_5330.N1	02-FEB-2003 09:31:52	Twi_and_stray	70.500	102	24Alp Ser	2.6000	4250.0	141	4842	No
157	GOM_NL__2PRFIN20030202_093502_000000012013_00279_04842_5331.N1	02-FEB-2003 09:35:02	Dark	0.50000	1012	Venus	0.0000	0.0000	1	4842	Yes
158	GOM_NL__2PRFIN20030202_093734_000000562013_00279_04842_5332.N1	02-FEB-2003 09:37:34	Dark	56.000	1014	Mars	0.0000	0.0000	112	4842	Yes
159	GOM_NL__2PRFIN20030202_093930_000000692013_00279_04842_5333.N1	02-FEB-2003 09:39:30	Dark	69.000	104	27Bet Lib	2.6140	13100.	138	4842	No
160	GOM_NL__2PRFIN20030202_094302_000000382013_00279_04842_5334.N1	02-FEB-2003 09:43:02	Dark	38.000	147	Alp Ara	2.8770	26000.	76	4842	No

161	GOM_NL__2PRFIN20030202_094451_000000452013_00279_04842_5335.N1	02-FEB-2003 09:44:51	Dark	45.000	131	Gam Lup	2.8000	26000.	90	4842	No
162	GOM_NL__2PRFIN20030202_094826_000000402013_00280_04843_5303.N1	02-FEB-2003 09:48:26	Dark	39.500	43	Alp TrA	1.9100	4250.0	79	4843	No
163	GOM_NL__2PRFIN20030202_094955_000000392013_00280_04843_5304.N1	02-FEB-2003 09:49:55	Dark	39.000	145	Gam TrA	2.8720	10600.	78	4843	No
164	GOM_NL__2PRFIN20030202_095433_000000432013_00280_04843_5305.N1	02-FEB-2003 09:54:33	Dark	43.000	12	Alp1Cru	0.77500	30000.	86	4843	No
165	GOM_NL__2PRFIN20030202_095800_000000392013_00280_04843_5306.N1	02-FEB-2003 09:58:00	Dark	38.500	29	Bet Car	1.6720	10200.	77	4843	No
166	GOM_NL__2PRFIN20030202_100023_000000402013_00280_04843_5307.N1	02-FEB-2003 10:00:23	Dark	40.000	71	Iot Car	2.2460	7700.0	80	4843	No
167	GOM_NL__2PRFIN20030202_100208_000000422013_00280_04843_5308.N1	02-FEB-2003 10:02:08	Dark	41.500	46	Del Vel	1.9540	10600.	83	4843	No
168	GOM_NL__2PRFIN20030202_100438_000000422013_00280_04843_5309.N1	02-FEB-2003 10:04:38	Dark	42.000	34	Gam2Vel	1.7930	23000.	84	4843	No
169	GOM_NL__2PRFIN20030202_100643_000000402013_00280_04843_5310.N1	02-FEB-2003 10:06:43	Straylight	40.000	70	Zet Pup	2.2460	39000.	80	4843	No
170	GOM_NL__2PRFIN20030202_100805_000000452013_00280_04843_5311.N1	02-FEB-2003 10:08:05	Straylight	44.500	117	Pi Pup	2.7060	3800.0	89	4843	No
171	GOM_NL__2PRFIN20030202_101031_000000442013_00280_04843_5312.N1	02-FEB-2003 10:10:31	Straylight	43.500	23	21Eps CMa	1.5020	26000.	87	4843	No
172	GOM_NL__2PRFIN20030202_101154_000000392013_00280_04843_5313.N1	02-FEB-2003 10:11:54	Straylight	39.000	179	24Omi2CMa	3.0320	24000.	78	4843	No
173	GOM_NL__2PRFIN20030202_101403_000000452013_00280_04843_5314.N1	02-FEB-2003 10:14:03	Straylight	45.000	1	9Alp CMa	-1.4400	11000.	90	4843	No
174	GOM_NL__2PRFIN20030202_101537_000000682013_00280_04843_5315.N1	02-FEB-2003 10:15:37	Straylight	68.000	48	30Alp Hya	1.9770	4100.0	136	4843	No
175	GOM_NL__2PRFIN20030202_101947_000000532013_00280_04843_5316.N1	02-FEB-2003 10:19:47	Twi_and_stray	53.000	8	10Alp CMi	0.40000	6500.0	106	4843	No
176	GOM_NL__2PRFIN20030202_102437_000000562013_00280_04843_5317.N1	02-FEB-2003 10:24:37	Dark	55.500	1015	Jupiter	0.0000	0.0000	111	4843	Yes
177	GOM_NL__2PRFIN20030202_102626_000000432013_00280_04843_5318.N1	02-FEB-2003 10:26:26	Bright	43.000	17	78Bet Gem	1.1610	4500.0	86	4843	No
178	GOM_NL__2PRFIN20030202_102926_000000372013_00280_04843_5319.N1	02-FEB-2003 10:29:26	Bright	36.500	107	37The Aur	2.6490	11000.	73	4843	No
179	GOM_NL__2PRFIN20030202_103130_000000392013_00280_04843_5320.N1	02-FEB-2003 10:31:30	Bright	39.000	42	34Bet Aur	1.9000	10200.	78	4843	No
180	GOM_NL__2PRFIN20030202_104032_000000522013_00280_04843_5321.N1	02-FEB-2003 10:40:32	Bright	51.500	82	48Bet UMa	2.3650	10600.	103	4843	No
181	GOM_NL__2PRFIN20030202_104342_000000382013_00280_04843_5322.N1	02-FEB-2003 10:43:42	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	4843	No
182	GOM_NL__2PRFIN20030202_104643_000000432013_00280_04843_5323.N1	02-FEB-2003 10:46:43	Bright	43.000	60	7Bet UMi	2.0810	3950.0	86	4843	No
183	GOM_NL__2PRFIN20030202_104832_000000592013_00280_04843_5324.N1	02-FEB-2003 10:48:32	Bright	58.500	55	79Zet UMa	2.0600	10200.	117	4843	No
184	GOM_NL__2PRFIN20030202_105127_000000452013_00280_04843_5325.N1	02-FEB-2003 10:51:27	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	4843	No
185	GOM_NL__2PRFIN20030202_105440_000000382013_00280_04843_5326.N1	02-FEB-2003 10:54:40	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	4843	No
186	GOM_NL__2PRFIN20030202_105821_000000372013_00280_04843_5327.N1	02-FEB-2003 10:58:21	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	4843	No
187	GOM_NL__2PRFIN20030202_110123_000000462013_00280_04843_5328.N1	02-FEB-2003 11:01:23	Bright	45.500	133	40Zet Her	2.8070	6000.0	91	4843	No
188	GOM_NL__2PRFIN20030202_110541_000001102013_00280_04843_5329.N1	02-FEB-2003 11:05:41	Twi_and_stray	109.50	83		2.3780	11000.	219	4843	No
189	GOM_NL__2PRFIN20030202_111230_000000742013_00280_04843_5330.N1	02-FEB-2003 11:12:30	Twi_and_stray	74.000	102	24Alp Ser	2.6000	4250.0	148	4843	No
190	GOM_NL__2PRFIN20030202_111537_000000012013_00280_04843_5331.N1	02-FEB-2003 11:15:37	Dark	0.50000	1012	Venus	0.0000	0.0000	1	4843	Yes
191	GOM_NL__2PRFIN20030202_111810_000000512013_00280_04843_5332.N1	02-FEB-2003 11:18:10	Dark	51.000	1014	Mars	0.0000	0.0000	102	4843	Yes
192	GOM_NL__2PRFIN20030202_112007_000000722013_00280_04843_5333.N1	02-FEB-2003 11:20:07	Dark	72.000	104	27Bet Lib	2.6140	13100.	144	4843	No
193	GOM_NL__2PRFIN20030202_112338_000000372013_00280_04843_5334.N1	02-FEB-2003 11:23:38	Dark	37.000	147	Alp Ara	2.8770	26000.	74	4843	No
194	GOM_NL__2PRFIN20030202_112528_000000452013_00280_04843_5335.N1	02-FEB-2003 11:25:28	Dark	44.500	131	Gam Lup	2.8000	26000.	89	4843	No
195	GOM_NL__2PRFIN20030202_112902_000000482013_00281_04844_5303.N1	02-FEB-2003 11:29:02	Dark	47.500	43	Alp TrA	1.9100	4250.0	95	4844	No
196	GOM_NL__2PRFIN20030202_113031_000000402013_00281_04844_5304.N1	02-FEB-2003 11:30:31	Dark	39.500	145	Gam TrA	2.8720	10600.	79	4844	No
197	GOM_NL__2PRFIN20030202_113509_000000442013_00281_04844_5305.N1	02-FEB-2003 11:35:09	Dark	44.000	12	Alp1Cru	0.77500	30000.	88	4844	No
198	GOM_NL__2PRFIN20030202_113836_000000382013_00281_04844_5306.N1	02-FEB-2003 11:38:36	Dark	38.000	29	Bet Car	1.6720	10200.	76	4844	No
199	GOM_NL__2PRFIN20030202_114059_000000402013_00281_04844_5307.N1	02-FEB-2003 11:40:59	Dark	40.000	71	Iot Car	2.2460	7700.0	80	4844	No
200	GOM_NL__2PRFIN20030202_114243_000000422013_00281_04844_5308.N1	02-FEB-2003 11:42:43	Dark	42.000	46	Del Vel	1.9540	10600.	84	4844	No
201	GOM_NL__2PRFIN20030202_114514_000000442013_00281_04844_5309.N1	02-FEB-2003 11:45:14	Dark	44.000	34	Gam2Vel	1.7930	23000.	88	4844	No
202	GOM_NL__2PRFIN20030202_114718_000000422013_00281_04844_5310.N1	02-FEB-2003 11:47:18	Straylight	41.500	70	Zet Pup	2.2460	39000.	83	4844	No
203	GOM_NL__2PRFIN20030202_114841_000000422013_00281_04844_5311.N1	02-FEB-2003 11:48:41	Straylight	42.000	117	Pi Pup	2.7060	3800.0	84	4844	No
204	GOM_NL__2PRFIN20030202_115107_000000412013_00281_04844_5312.N1	02-FEB-2003 11:51:07	Straylight	41.000	23	21Eps CMa	1.5020	26000.	82	4844	No
205	GOM_NL__2PRFIN20030202_115230_000000382013_00281_04844_5313.N1	02-FEB-2003 11:52:30	Straylight	37.500	179	24Omi2CMa	3.0320	24000.	75	4844	No
206	GOM_NL__2PRFIN20030202_115439_000000442013_00281_04844_5314.N1	02-FEB-2003 11:54:39	Straylight	44.000	1	9Alp CMa	-1.4400	11000.	88	4844	No
207	GOM_NL__2PRFIN20030202_115613_000000622013_00281_04844_5315.N1	02-FEB-2003 11:56:13	Straylight	61.500	48	30Alp Hya	1.9770	4100.0	123	4844	No
208	GOM_NL__2PRFIN20030202_120023_000000492013_00281_04844_5316.N1	02-FEB-2003 12:00:23	Twi_and_stray	48.500	8	10Alp CMi	0.40000	6500.0	97	4844	No
209	GOM_NL__2PRFIN20030202_120513_000000552013_00281_04844_5317.N1	02-FEB-2003 12:05:13	Dark	54.500	1015	Jupiter	0.0000	0.0000	109	4844	Yes
210	GOM_NL__2PRFIN20030202_120700_000000432013_00281_04844_5318.N1	02-FEB-2003 12:07:00	Bright	42.500	17	78Bet Gem	1.1610	4500.0	85	4844	No
211	GOM_NL__2PRFIN20030202_121002_000000372013_00281_04844_5319.N1	02-FEB-2003 12:10:02	Bright	36.500	107	37The Aur	2.6490	11000.	73	4844	No
212	GOM_NL__2PRFIN20030202_121206_000000382013_00281_04844_5320.N1	02-FEB-2003 12:12:06	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	4844	No
213	GOM_NL__2PRFIN20030202_122109_000000482013_00281_04844_5321.N1	02-FEB-2003 12:21:09	Bright	47.500	82	48Bet UMa	2.3650	10600.	95	4844	No
214	GOM_NL__2PRFIN20030202_122417_000000362013_00281_04844_5322.N1	02-FEB-2003 12:24:17	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	4844	No
215	GOM_NL__2PRFIN20030202_122718_000000442013_00281_04844_5323.N1	02-FEB-2003 12:27:18	Bright	44.000	60	7Bet UMi	2.0810	3950.0	88	4844	No
216	GOM_NL__2PRFIN20030202_122907_000000582013_00281_04844_5324.N1	02-FEB-2003 12:29:07	Bright	58.000	55	79Zet UMa	2.0600	10200.	116	4844	No
217	GOM_NL__2PRFIN20030202_123202_000000432013_00281_04844_5325.N1	02-FEB-2003 12:32:02	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	4844	No
218	GOM_NL__2PRFIN20030202_123513_000000432013_00281_04844_5326.N1	02-FEB-2003 12:35:13	Bright	42.500	130	23Bet Dra	2.7990	5800.0	85	4844	No
219	GOM_NL__2PRFIN20030202_123856_000000412013_00281_04844_5327.N1	02-FEB-2003 12:38:56	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	4844	No

220	GOM_NL__2PRFIN20030202_124158_000000632013_00281_04844_5328.N1	02-FEB-2003 12:41:58	Bright	63.000	133	40Zet Her	2.8070	6000.0	126	4844	No
221	GOM_NL__2PRFIN20030202_124618_000001102013_00281_04844_5329.N1	02-FEB-2003 12:46:18	Twi_and_stray	110.00	83		2.3780	11000.	220	4844	No
222	GOM_NL__2PRFIN20030202_125307_000000662013_00281_04844_5330.N1	02-FEB-2003 12:53:07	Twi_and_stray	65.500	102	24Alp Ser	2.6000	4250.0	131	4844	No
223	GOM_NL__2PRFIN20030202_125612_000000012013_00281_04844_5331.N1	02-FEB-2003 12:56:12	Dark	0.50000	1012	Venus	0.0000	0.0000	1	4844	Yes
224	GOM_NL__2PRFIN20030202_125847_000000592013_00281_04844_5332.N1	02-FEB-2003 12:58:47	Dark	59.000	1014	Mars	0.0000	0.0000	118	4844	Yes
225	GOM_NL__2PRFIN20030202_130045_000000712013_00281_04844_5333.N1	02-FEB-2003 13:00:45	Dark	70.500	104	27Bet Lib	2.6140	13100.	141	4844	No
226	GOM_NL__2PRFIN20030202_130414_000000382013_00281_04844_5334.N1	02-FEB-2003 13:04:14	Dark	38.000	147	Alp Ara	2.8770	26000.	76	4844	No
227	GOM_NL__2PRFIN20030202_130603_000000462013_00281_04844_5335.N1	02-FEB-2003 13:06:03	Dark	45.500	131	Gam Lup	2.8000	26000.	91	4844	No
228	GOM_NL__2PRFIN20030202_130938_000000412013_00282_04845_5303.N1	02-FEB-2003 13:09:38	Dark	40.500	43	Alp TrA	1.9100	4250.0	81	4845	No
229	GOM_NL__2PRFIN20030202_131108_000000402013_00282_04845_5304.N1	02-FEB-2003 13:11:08	Dark	39.500	145	Gam TrA	2.8720	10600.	79	4845	No
230	GOM_NL__2PRFIN20030202_131545_000000452013_00282_04845_5305.N1	02-FEB-2003 13:15:45	Dark	44.500	12	Alp1Cru	0.77500	30000.	89	4845	No
231	GOM_NL__2PRFIN20030202_131913_000000382013_00282_04845_5306.N1	02-FEB-2003 13:19:13	Dark	38.000	29	Bet Car	1.6720	10200.	76	4845	No
232	GOM_NL__2PRFIN20030202_132135_000000402013_00282_04845_5307.N1	02-FEB-2003 13:21:35	Dark	39.500	71	Iot Car	2.2460	7700.0	79	4845	No
233	GOM_NL__2PRFIN20030202_132320_000000422013_00282_04845_5308.N1	02-FEB-2003 13:23:20	Dark	41.500	46	Del Vel	1.9540	10600.	83	4845	No
234	GOM_NL__2PRFIN20030202_132550_000000442013_00282_04845_5309.N1	02-FEB-2003 13:25:50	Dark	44.000	34	Gam2Vel	1.7930	23000.	88	4845	No
235	GOM_NL__2PRFIN20030202_132754_000000432013_00282_04845_5310.N1	02-FEB-2003 13:27:54	Straylight	43.000	70	Zet Pup	2.2460	39000.	86	4845	No
236	GOM_NL__2PRFIN20030202_132917_000000442013_00282_04845_5311.N1	02-FEB-2003 13:29:17	Straylight	43.500	117	Pi Pup	2.7060	3800.0	87	4845	No
237	GOM_NL__2PRFIN20030202_133216_000000412013_00282_04845_5312.N1	02-FEB-2003 13:32:16	Straylight	41.000	132	15Rho Pup	2.8030	6900.0	82	4845	No
238	GOM_NL__2PRFIN20030202_133516_000000472013_00282_04845_5313.N1	02-FEB-2003 13:35:16	Straylight	47.000	1	9Alp CMa	-1.4400	11000.	94	4845	No
239	GOM_NL__2PRFIN20030202_133648_000000642013_00282_04845_5314.N1	02-FEB-2003 13:36:48	Straylight	63.500	48	30Alp Hya	1.9770	4100.0	127	4845	No
240	GOM_NL__2PRFIN20030202_134058_000000522013_00282_04845_5315.N1	02-FEB-2003 13:40:58	Twi_and_stray	52.000	8	10Alp CMi	0.40000	6500.0	104	4845	No
241	GOM_NL__2PRFIN20030202_134549_000000542013_00282_04845_5316.N1	02-FEB-2003 13:45:49	Dark	53.500	1015	Jupiter	0.0000	0.0000	107	4845	Yes
242	GOM_NL__2PRFIN20030202_134736_000000442013_00282_04845_5317.N1	02-FEB-2003 13:47:36	Bright	43.500	17	78Bet Gem	1.1610	4500.0	87	4845	No
243	GOM_NL__2PRFIN20030202_135038_000000372013_00282_04845_5318.N1	02-FEB-2003 13:50:38	Bright	36.500	107	37The Aur	2.6490	11000.	73	4845	No
244	GOM_NL__2PRFIN20030202_135244_000000372013_00282_04845_5319.N1	02-FEB-2003 13:52:44	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	4845	No
245	GOM_NL__2PRFIN20030202_140146_000000492013_00282_04845_5320.N1	02-FEB-2003 14:01:46	Bright	48.500	82	48Bet UMa	2.3650	10600.	97	4845	No
246	GOM_NL__2PRFIN20030202_140455_000000352013_00282_04845_5321.N1	02-FEB-2003 14:04:55	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	4845	No
247	GOM_NL__2PRFIN20030202_140756_000000392013_00282_04845_5322.N1	02-FEB-2003 14:07:56	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	4845	No
248	GOM_NL__2PRFIN20030202_140943_000000562013_00282_04845_5323.N1	02-FEB-2003 14:09:43	Bright	55.500	55	79Zet UMa	2.0600	10200.	111	4845	No
249	GOM_NL__2PRFIN20030202_141240_000000412013_00282_04845_5324.N1	02-FEB-2003 14:12:40	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	4845	No
250	GOM_NL__2PRFIN20030202_141553_000000382013_00282_04845_5325.N1	02-FEB-2003 14:15:53	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	4845	No
251	GOM_NL__2PRFIN20030202_141934_000000342013_00282_04845_5326.N1	02-FEB-2003 14:19:34	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	4845	No
252	GOM_NL__2PRFIN20030202_142236_000000452013_00282_04845_5327.N1	02-FEB-2003 14:22:36	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	4845	No
253	GOM_NL__2PRFIN20030202_142653_000001152013_00282_04845_5328.N1	02-FEB-2003 14:26:53	Twi_and_stray	114.50	83		2.3780	11000.	229	4845	No
254	GOM_NL__2PRFIN20030202_143345_000000732013_00282_04845_5329.N1	02-FEB-2003 14:33:45	Twi_and_stray	72.500	102	24Alp Ser	2.6000	4250.0	145	4845	No
255	GOM_NL__2PRFIN20030202_143650_000000012013_00282_04845_5330.N1	02-FEB-2003 14:36:50	Dark	0.50000	1012	Venus	0.0000	0.0000	1	4845	Yes
256	GOM_NL__2PRFIN20030202_143924_000000572013_00282_04845_5331.N1	02-FEB-2003 14:39:24	Dark	57.000	1014	Mars	0.0000	0.0000	114	4845	Yes
257	GOM_NL__2PRFIN20030202_144124_000000692013_00282_04845_5332.N1	02-FEB-2003 14:41:24	Dark	69.000	104	27Bet Lib	2.6140	13100.	138	4845	No
258	GOM_NL__2PRFIN20030202_144451_000000372013_00282_04845_5333.N1	02-FEB-2003 14:44:51	Dark	37.000	147	Alp Ara	2.8770	26000.	74	4845	No
259	GOM_NL__2PRFIN20030202_144642_000000442013_00282_04845_5334.N1	02-FEB-2003 14:46:42	Dark	43.500	131	Gam Lup	2.8000	26000.	87	4845	No
260	GOM_NL__2PRFIN20030202_145015_000000422013_00283_04846_5303.N1	02-FEB-2003 14:50:15	Dark	42.000	43	Alp TrA	1.9100	4250.0	84	4846	No
261	GOM_NL__2PRFIN20030202_145145_000000382013_00283_04846_5304.N1	02-FEB-2003 14:51:45	Dark	38.000	145	Gam TrA	2.8720	10600.	76	4846	No
262	GOM_NL__2PRFIN20030202_145624_000000442013_00283_04846_5305.N1	02-FEB-2003 14:56:24	Dark	43.500	12	Alp1Cru	0.77500	30000.	87	4846	No
263	GOM_NL__2PRFIN20030202_145950_000000392013_00283_04846_5306.N1	02-FEB-2003 14:59:50	Dark	38.500	29	Bet Car	1.6720	10200.	77	4846	No
264	GOM_NL__2PRFIN20030202_150213_000000412013_00283_04846_5307.N1	02-FEB-2003 15:02:13	Dark	40.500	71	Iot Car	2.2460	7700.0	81	4846	No
265	GOM_NL__2PRFIN20030202_150357_000000382013_00283_04846_5308.N1	02-FEB-2003 15:03:57	Dark	38.000	46	Del Vel	1.9540	10600.	76	4846	No
266	GOM_NL__2PRFIN20030202_150627_000000392013_00283_04846_5309.N1	02-FEB-2003 15:06:27	Dark	39.000	34	Gam2Vel	1.7930	23000.	78	4846	No
267	GOM_NL__2PRFIN20030202_150832_000000402013_00283_04846_5310.N1	02-FEB-2003 15:08:32	Straylight	40.000	70	Zet Pup	2.2460	39000.	80	4846	No
268	GOM_NL__2PRFIN20030202_150954_000000422013_00283_04846_5311.N1	02-FEB-2003 15:09:54	Straylight	41.500	117	Pi Pup	2.7060	3800.0	83	4846	No
269	GOM_NL__2PRFIN20030202_151254_000000452013_00283_04846_5312.N1	02-FEB-2003 15:12:54	Straylight	44.500	132	15Rho Pup	2.8030	6900.0	89	4846	No
270	GOM_NL__2PRFIN20030202_151552_000000522013_00283_04846_5313.N1	02-FEB-2003 15:15:52	Straylight	52.000	1	9Alp CMa	-1.4400	11000.	104	4846	No
271	GOM_NL__2PRFIN20030202_151725_000000622013_00283_04846_5314.N1	02-FEB-2003 15:17:25	Straylight	62.000	48	30Alp Hya	1.9770	4100.0	124	4846	No
272	GOM_NL__2PRFIN20030202_152136_000000532013_00283_04846_5315.N1	02-FEB-2003 15:21:36	Twi_and_stray	53.000	8	10Alp CMi	0.40000	6500.0	106	4846	No
273	GOM_NL__2PRFIN20030202_152624_000000542013_00283_04846_5316.N1	02-FEB-2003 15:26:24	Dark	54.000	1015	Jupiter	0.0000	0.0000	108	4846	Yes
274	GOM_NL__2PRFIN20030202_152814_000000422013_00283_04846_5317.N1	02-FEB-2003 15:28:14	Bright	41.500	17	78Bet Gem	1.1610	4500.0	83	4846	No
275	GOM_NL__2PRFIN20030202_153115_000000362013_00283_04846_5318.N1	02-FEB-2003 15:31:15	Bright	36.000	107	37The Aur	2.6490	11000.	72	4846	No
276	GOM_NL__2PRFIN20030202_153320_000000372013_00283_04846_5319.N1	02-FEB-2003 15:33:20	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	4846	No
277	GOM_NL__2PRFIN20030202_154221_000000502013_00283_04846_5320.N1	02-FEB-2003 15:42:21	Bright	49.500	82	48Bet UMa	2.3650	10600.	99	4846	No
278	GOM_NL__2PRFIN20030202_154531_000000362013_00283_04846_5321.N1	02-FEB-2003 15:45:31	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	4846	No

279	GOM_NL__2PRFIN20030202_154831_000000412013_00283_04846_5322.N1	02-FEB-2003 15:48:31	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	4846	No
280	GOM_NL__2PRFIN20030202_155018_000000572013_00283_04846_5323.N1	02-FEB-2003 15:50:18	Bright	57.000	55	79Zet UMa	2.0600	10200.	114	4846	No
281	GOM_NL__2PRFIN20030202_155315_000000402013_00283_04846_5324.N1	02-FEB-2003 15:53:15	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	4846	No
282	GOM_NL__2PRFIN20030202_155629_000000402013_00283_04846_5325.N1	02-FEB-2003 15:56:29	Bright	40.000	130	23Bet Dra	2.7990	5800.0	80	4846	No
283	GOM_NL__2PRFIN20030202_160010_000000352013_00283_04846_5326.N1	02-FEB-2003 16:00:10	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	4846	No
284	GOM_NL__2PRFIN20030202_160312_000000452013_00283_04846_5327.N1	02-FEB-2003 16:03:12	Bright	45.000	133	40Zet Her	2.8070	6000.0	90	4846	No
285	GOM_NL__2PRFIN20030202_160730_000001212013_00283_04846_5328.N1	02-FEB-2003 16:07:30	Twi_and_stray	121.00	83		2.3780	11000.	242	4846	No
286	GOM_NL__2PRFIN20030202_161421_000000712013_00283_04846_5329.N1	02-FEB-2003 16:14:21	Twi_and_stray	71.000	102	24Alp Ser	2.6000	4250.0	142	4846	No
287	GOM_NL__2PRFIN20030202_161726_000000012013_00283_04846_5330.N1	02-FEB-2003 16:17:26	Dark	0.50000	1012	Venus	0.0000	0.0000	1	4846	Yes
288	GOM_NL__2PRFIN20030202_162000_000000522013_00283_04846_5331.N1	02-FEB-2003 16:20:00	Dark	51.500	1014	Mars	0.0000	0.0000	103	4846	Yes
289	GOM_NL__2PRFIN20030202_162202_000000712013_00283_04846_5332.N1	02-FEB-2003 16:22:02	Dark	71.000	104	27Bet Lib	2.6140	13100.	142	4846	No
290	GOM_NL__2PRFIN20030202_162527_000000382013_00283_04846_5333.N1	02-FEB-2003 16:25:27	Dark	37.500	147	Alp Ara	2.8770	26000.	75	4846	No
291	GOM_NL__2PRFIN20030202_162719_000000442013_00283_04846_5334.N1	02-FEB-2003 16:27:19	Dark	43.500	131	Gam Lup	2.8000	26000.	87	4846	No
292	GOM_NL__2PRFIN20030202_163051_000000472013_00284_04847_5303.N1	02-FEB-2003 16:30:51	Dark	46.500	43	Alp TrA	1.9100	4250.0	93	4847	No
293	GOM_NL__2PRFIN20030202_163221_000000382013_00284_04847_5304.N1	02-FEB-2003 16:32:21	Dark	37.500	145	Gam TrA	2.8720	10600.	75	4847	No
294	GOM_NL__2PRFIN20030202_163700_000000452013_00284_04847_5305.N1	02-FEB-2003 16:37:00	Dark	44.500	12	Alp1Cru	0.77500	30000.	89	4847	No
295	GOM_NL__2PRFIN20030202_164025_000000472013_00284_04847_5306.N1	02-FEB-2003 16:40:25	Dark	46.500	29	Bet Car	1.6720	10200.	93	4847	No
296	GOM_NL__2PRFIN20030202_164249_000000382013_00284_04847_5307.N1	02-FEB-2003 16:42:49	Dark	38.000	71	Iot Car	2.2460	7700.0	76	4847	No
297	GOM_NL__2PRFIN20030202_164433_000000452013_00284_04847_5308.N1	02-FEB-2003 16:44:33	Dark	44.500	46	Del Vel	1.9540	10600.	89	4847	No
298	GOM_NL__2PRFIN20030202_164703_000000422013_00284_04847_5309.N1	02-FEB-2003 16:47:03	Dark	42.000	34	Gam2Vel	1.7930	23000.	84	4847	No
299	GOM_NL__2PRFIN20030202_164909_000000412013_00284_04847_5310.N1	02-FEB-2003 16:49:09	Straylight	40.500	70	Zet Pup	2.2460	39000.	81	4847	No
300	GOM_NL__2PRFIN20030202_165030_000000432013_00284_04847_5311.N1	02-FEB-2003 16:50:30	Straylight	42.500	117	Pi Pup	2.7060	3800.0	85	4847	No
301	GOM_NL__2PRFIN20030202_165330_000000452013_00284_04847_5312.N1	02-FEB-2003 16:53:30	Straylight	44.500	132	15Rho Pup	2.8030	6900.0	89	4847	No
302	GOM_NL__2PRFIN20030202_165628_000000492013_00284_04847_5313.N1	02-FEB-2003 16:56:28	Straylight	48.500	1	9Alp CMa	-1.4400	11000.	97	4847	No
303	GOM_NL__2PRFIN20030202_165801_000000692013_00284_04847_5314.N1	02-FEB-2003 16:58:01	Straylight	69.000	48	30Alp Hya	1.9770	4100.0	138	4847	No
304	GOM_NL__2PRFIN20030202_170212_000000532013_00284_04847_5315.N1	02-FEB-2003 17:02:12	Twi_and_stray	53.000	8	10Alp CMi	0.40000	6500.0	106	4847	No
305	GOM_NL__2PRFIN20030202_170700_000000552013_00284_04847_5316.N1	02-FEB-2003 17:07:00	Dark	54.500	1015	Jupiter	0.0000	0.0000	109	4847	Yes
306	GOM_NL__2PRFIN20030202_170850_000000432013_00284_04847_5317.N1	02-FEB-2003 17:08:50	Bright	42.500	17	78Bet Gem	1.1610	4500.0	85	4847	No
307	GOM_NL__2PRFIN20030202_171151_000000372013_00284_04847_5318.N1	02-FEB-2003 17:11:51	Bright	37.000	107	37The Aur	2.6490	11000.	74	4847	No
308	GOM_NL__2PRFIN20030202_171356_000000362013_00284_04847_5319.N1	02-FEB-2003 17:13:56	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	4847	No
309	GOM_NL__2PRFIN20030202_172256_000000502013_00284_04847_5320.N1	02-FEB-2003 17:22:56	Bright	49.500	82	48Bet UMa	2.3650	10600.	99	4847	No
310	GOM_NL__2PRFIN20030202_172607_000000372013_00284_04847_5321.N1	02-FEB-2003 17:26:07	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	4847	No
311	GOM_NL__2PRFIN20030202_172907_000000412013_00284_04847_5322.N1	02-FEB-2003 17:29:07	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	4847	No
312	GOM_NL__2PRFIN20030202_173052_000000582013_00284_04847_5323.N1	02-FEB-2003 17:30:52	Bright	57.500	55	79Zet UMa	2.0600	10200.	115	4847	No
313	GOM_NL__2PRFIN20030202_173351_000000422013_00284_04847_5324.N1	02-FEB-2003 17:33:51	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	4847	No
314	GOM_NL__2PRFIN20030202_173705_000000392013_00284_04847_5325.N1	02-FEB-2003 17:37:05	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	4847	No
315	GOM_NL__2PRFIN20030202_174046_000000352013_00284_04847_5326.N1	02-FEB-2003 17:40:46	Bright	34.500	5	3Alp Lyr	0.033000	11000.	69	4847	No
316	GOM_NL__2PRFIN20030202_174348_000000452013_00284_04847_5327.N1	02-FEB-2003 17:43:48	Bright	45.000	133	40Zet Her	2.8070	6000.0	90	4847	No
317	GOM_NL__2PRFIN20030202_174807_000001152013_00284_04847_5328.N1	02-FEB-2003 17:48:07	Twi_and_stray	114.50	83		2.3780	11000.	229	4847	No
318	GOM_NL__2PRFIN20030202_175458_000000722013_00284_04847_5329.N1	02-FEB-2003 17:54:58	Twi_and_stray	71.500	102	24Alp Ser	2.6000	4250.0	143	4847	No
319	GOM_NL__2PRFIN20030202_175802_000000012013_00284_04847_5330.N1	02-FEB-2003 17:58:02	Dark	0.50000	1012	Venus	0.0000	0.0000	1	4847	Yes
320	GOM_NL__2PRFIN20030202_180036_000000522013_00284_04847_5331.N1	02-FEB-2003 18:00:36	Dark	51.500	1014	Mars	0.0000	0.0000	103	4847	Yes
321	GOM_NL__2PRFIN20030202_180238_000000722013_00284_04847_5332.N1	02-FEB-2003 18:02:38	Dark	72.000	104	27Bet Lib	2.6140	13100.	144	4847	No
322	GOM_NL__2PRFIN20030202_180603_000000372013_00284_04847_5333.N1	02-FEB-2003 18:06:03	Dark	37.000	147	Alp Ara	2.8770	26000.	74	4847	No
323	GOM_NL__2PRFIN20030202_180756_000000442013_00284_04847_5334.N1	02-FEB-2003 18:07:56	Dark	43.500	131	Gam Lup	2.8000	26000.	87	4847	No
324	GOM_NL__2PRFIN20030202_181127_000000422013_00285_04848_5303.N1	02-FEB-2003 18:11:27	Dark	42.000	43	Alp TrA	1.9100	4250.0	84	4848	No
325	GOM_NL__2PRFIN20030202_181257_000000392013_00285_04848_5304.N1	02-FEB-2003 18:12:57	Dark	39.000	145	Gam TrA	2.8720	10600.	78	4848	No
326	GOM_NL__2PRFIN20030202_181736_000000542013_00285_04848_5305.N1	02-FEB-2003 18:17:36	Dark	53.500	12	Alp1Cru	0.77500	30000.	107	4848	No
327	GOM_NL__2PRFIN20030202_182101_000000392013_00285_04848_5306.N1	02-FEB-2003 18:21:01	Dark	39.000	29	Bet Car	1.6720	10200.	78	4848	No
328	GOM_NL__2PRFIN20030202_182325_000000412013_00285_04848_5307.N1	02-FEB-2003 18:23:25	Dark	40.500	71	Iot Car	2.2460	7700.0	81	4848	No
329	GOM_NL__2PRFIN20030202_182509_000000432013_00285_04848_5308.N1	02-FEB-2003 18:25:09	Dark	43.000	46	Del Vel	1.9540	10600.	86	4848	No
330	GOM_NL__2PRFIN20030202_182739_000000402013_00285_04848_5309.N1	02-FEB-2003 18:27:39	Dark	40.000	34	Gam2Vel	1.7930	23000.	80	4848	No
331	GOM_NL__2PRFIN20030202_182945_000000422013_00285_04848_5310.N1	02-FEB-2003 18:29:45	Straylight	42.000	70	Zet Pup	2.2460	39000.	84	4848	No
332	GOM_NL__2PRFIN20030202_183106_000000432013_00285_04848_5311.N1	02-FEB-2003 18:31:06	Straylight	43.000	117	Pi Pup	2.7060	3800.0	86	4848	No
333	GOM_NL__2PRFIN20030202_183406_000000422013_00285_04848_5312.N1	02-FEB-2003 18:34:06	Straylight	42.000	132	15Rho Pup	2.8030	6900.0	84	4848	No
334	GOM_NL__2PRFIN20030202_183704_000000462013_00285_04848_5313.N1	02-FEB-2003 18:37:04	Straylight	46.000	1	9Alp CMa	-1.4400	11000.	92	4848	No
335	GOM_NL__2PRFIN20030202_183837_000000612013_00285_04848_5314.N1	02-FEB-2003 18:38:37	Straylight	61.000	48	30Alp Hya	1.9770	4100.0	122	4848	No
336	GOM_NL__2PRFIN20030202_184248_000000532013_00285_04848_5315.N1	02-FEB-2003 18:42:48	Twi_and_stray	53.000	8	10Alp CMi	0.40000	6500.0	106	4848	No
337	GOM_NL__2PRFIN20030202_184735_000000552013_00285_04848_5316.N1	02-FEB-2003 18:47:35	Dark	54.500	1015	Jupiter	0.0000	0.0000	109	4848	Yes

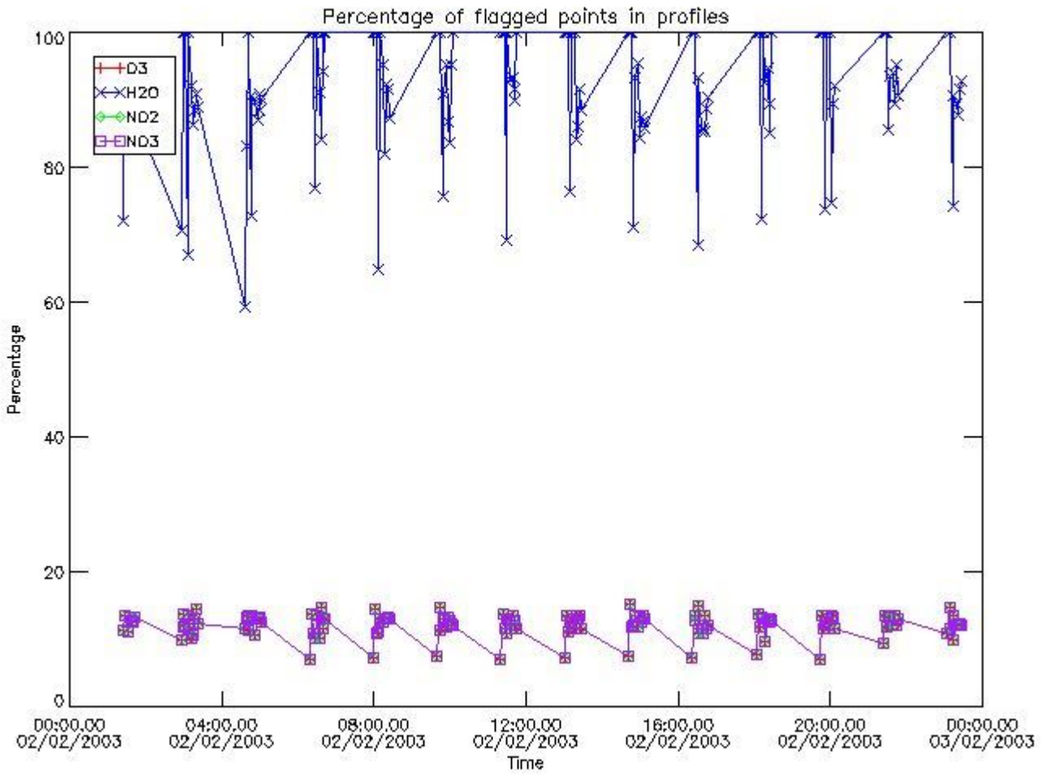
338	GOM_NL__2PRFIN20030202_184925_000000422013_00285_04848_5317.N1	02-FEB-2003 18:49:25	Bright	42.000	17	78Bet Gem	1.1610	4500.0	84	4848	No
339	GOM_NL__2PRFIN20030202_185227_000000372013_00285_04848_5318.N1	02-FEB-2003 18:52:27	Bright	37.000	107	37The Aur	2.6490	11000.	74	4848	No
340	GOM_NL__2PRFIN20030202_185432_000000372013_00285_04848_5319.N1	02-FEB-2003 18:54:32	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	4848	No
341	GOM_NL__2PRFIN20030202_190331_000000472013_00285_04848_5320.N1	02-FEB-2003 19:03:31	Bright	46.500	82	48Bet UMa	2.3650	10600.	93	4848	No
342	GOM_NL__2PRFIN20030202_190642_000000372013_00285_04848_5321.N1	02-FEB-2003 19:06:42	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	4848	No
343	GOM_NL__2PRFIN20030202_190942_000000422013_00285_04848_5322.N1	02-FEB-2003 19:09:42	Bright	42.000	60	7Bet UMi	2.0810	3950.0	84	4848	No
344	GOM_NL__2PRFIN20030202_191127_000000542013_00285_04848_5323.N1	02-FEB-2003 19:11:27	Bright	53.500	55	79Zet UMa	2.0600	10200.	107	4848	No
345	GOM_NL__2PRFIN20030202_191426_000000422013_00285_04848_5324.N1	02-FEB-2003 19:14:26	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	4848	No
346	GOM_NL__2PRFIN20030202_191741_000000372013_00285_04848_5325.N1	02-FEB-2003 19:17:41	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	4848	No
347	GOM_NL__2PRFIN20030202_192122_000000352013_00285_04848_5326.N1	02-FEB-2003 19:21:22	Bright	34.500	5	3Alp Lyr	0.033000	11000.	69	4848	No
348	GOM_NL__2PRFIN20030202_192424_000000472013_00285_04848_5327.N1	02-FEB-2003 19:24:24	Bright	46.500	133	40Zet Her	2.8070	6000.0	93	4848	No
349	GOM_NL__2PRFIN20030202_192843_000001102013_00285_04848_5328.N1	02-FEB-2003 19:28:43	Twi_and_stray	110.00	83		2.3780	11000.	220	4848	No
350	GOM_NL__2PRFIN20030202_193535_000000722013_00285_04848_5329.N1	02-FEB-2003 19:35:35	Twi_and_stray	72.000	102	24Alp Ser	2.6000	4250.0	144	4848	No
351	GOM_NL__2PRFIN20030202_193837_000000012013_00285_04848_5330.N1	02-FEB-2003 19:38:37	Dark	0.50000	1012	Venus	0.0000	0.0000	1	4848	Yes
352	GOM_NL__2PRFIN20030202_194112_000000582013_00285_04848_5331.N1	02-FEB-2003 19:41:12	Dark	57.500	1014	Mars	0.0000	0.0000	115	4848	Yes
353	GOM_NL__2PRFIN20030202_194316_000000742013_00285_04848_5332.N1	02-FEB-2003 19:43:16	Dark	73.500	104	27Bet Lib	2.6140	13100.	147	4848	No
354	GOM_NL__2PRFIN20030202_194639_000000382013_00285_04848_5333.N1	02-FEB-2003 19:46:39	Dark	37.500	147	Alp Ara	2.8770	26000.	75	4848	No
355	GOM_NL__2PRFIN20030202_194832_000000452013_00285_04848_5334.N1	02-FEB-2003 19:48:32	Dark	44.500	131	Gam Lup	2.8000	26000.	89	4848	No
356	GOM_NL__2PRFIN20030202_195203_000000412013_00286_04849_5303.N1	02-FEB-2003 19:52:03	Dark	40.500	43	Alp TrA	1.9100	4250.0	81	4849	No
357	GOM_NL__2PRFIN20030202_195333_000000392013_00286_04849_5304.N1	02-FEB-2003 19:53:33	Dark	39.000	145	Gam TrA	2.8720	10600.	78	4849	No
358	GOM_NL__2PRFIN20030202_195812_000000422013_00286_04849_5305.N1	02-FEB-2003 19:58:12	Dark	42.000	12	Alp1Cru	0.77500	30000.	84	4849	No
359	GOM_NL__2PRFIN20030202_200138_000000382013_00286_04849_5306.N1	02-FEB-2003 20:01:38	Dark	38.000	29	Bet Car	1.6720	10200.	76	4849	No
360	GOM_NL__2PRFIN20030202_200401_000000392013_00286_04849_5307.N1	02-FEB-2003 20:04:01	Dark	38.500	71	Iot Car	2.2460	7700.0	77	4849	No
361	GOM_NL__2PRFIN20030202_200545_000000452013_00286_04849_5308.N1	02-FEB-2003 20:05:45	Dark	44.500	46	Del Vel	1.9540	10600.	89	4849	No
362	GOM_NL__2PRFIN20030202_200815_000000432013_00286_04849_5309.N1	02-FEB-2003 20:08:15	Straylight	43.000	34	Gam2Vel	1.7930	23000.	86	4849	No
363	GOM_NL__2PRFIN20030202_201021_000000422013_00286_04849_5310.N1	02-FEB-2003 20:10:21	Straylight	41.500	70	Zet Pup	2.2460	39000.	83	4849	No
364	GOM_NL__2PRFIN20030202_201142_000000432013_00286_04849_5311.N1	02-FEB-2003 20:11:42	Straylight	42.500	117	Pi Pup	2.7060	3800.0	85	4849	No
365	GOM_NL__2PRFIN20030202_201441_000000412013_00286_04849_5312.N1	02-FEB-2003 20:14:41	Straylight	40.500	132	15Rho Pup	2.8030	6900.0	81	4849	No
366	GOM_NL__2PRFIN20030202_201741_000000452013_00286_04849_5313.N1	02-FEB-2003 20:17:41	Straylight	45.000	1	9Alp CMa	-1.4400	11000.	90	4849	No
367	GOM_NL__2PRFIN20030202_201913_000000612013_00286_04849_5314.N1	02-FEB-2003 20:19:13	Straylight	61.000	48	30Alp Hya	1.9770	4100.0	122	4849	No
368	GOM_NL__2PRFIN20030202_202323_000000532013_00286_04849_5315.N1	02-FEB-2003 20:23:23	Twi_and_stray	53.000	8	10Alp CMi	0.40000	6500.0	106	4849	No
369	GOM_NL__2PRFIN20030202_202811_000000542013_00286_04849_5316.N1	02-FEB-2003 20:28:11	Dark	53.500	1015	Jupiter	0.0000	0.0000	107	4849	Yes
370	GOM_NL__2PRFIN20030202_203001_000000422013_00286_04849_5317.N1	02-FEB-2003 20:30:01	Bright	42.000	17	78Bet Gem	1.1610	4500.0	84	4849	No
371	GOM_NL__2PRFIN20030202_203303_000000372013_00286_04849_5318.N1	02-FEB-2003 20:33:03	Bright	37.000	107	37The Aur	2.6490	11000.	74	4849	No
372	GOM_NL__2PRFIN20030202_203508_000000382013_00286_04849_5319.N1	02-FEB-2003 20:35:08	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	4849	No
373	GOM_NL__2PRFIN20030202_204406_000000502013_00286_04849_5320.N1	02-FEB-2003 20:44:06	Bright	49.500	82	48Bet UMa	2.3650	10600.	99	4849	No
374	GOM_NL__2PRFIN20030202_204718_000000362013_00286_04849_5321.N1	02-FEB-2003 20:47:18	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	4849	No
375	GOM_NL__2PRFIN20030202_205018_000000422013_00286_04849_5322.N1	02-FEB-2003 20:50:18	Bright	42.000	60	7Bet UMi	2.0810	3950.0	84	4849	No
376	GOM_NL__2PRFIN20030202_205203_000000582013_00286_04849_5323.N1	02-FEB-2003 20:52:03	Bright	57.500	55	79Zet UMa	2.0600	10200.	115	4849	No
377	GOM_NL__2PRFIN20030202_205502_000000412013_00286_04849_5324.N1	02-FEB-2003 20:55:02	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	4849	No
378	GOM_NL__2PRFIN20030202_205816_000000392013_00286_04849_5325.N1	02-FEB-2003 20:58:16	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	4849	No
379	GOM_NL__2PRFIN20030202_210158_000000362013_00286_04849_5326.N1	02-FEB-2003 21:01:58	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	4849	No
380	GOM_NL__2PRFIN20030202_210500_000000472013_00286_04849_5327.N1	02-FEB-2003 21:05:00	Bright	46.500	133	40Zet Her	2.8070	6000.0	93	4849	No
381	GOM_NL__2PRFIN20030202_210921_000001112013_00286_04849_5328.N1	02-FEB-2003 21:09:21	Twi_and_stray	111.00	83		2.3780	11000.	222	4849	No
382	GOM_NL__2PRFIN20030202_211612_000000732013_00286_04849_5329.N1	02-FEB-2003 21:16:12	Twi_and_stray	73.000	102	24Alp Ser	2.6000	4250.0	146	4849	No
383	GOM_NL__2PRFIN20030202_211913_000000012013_00286_04849_5330.N1	02-FEB-2003 21:19:13	Dark	0.50000	1012	Venus	0.0000	0.0000	1	4849	Yes
384	GOM_NL__2PRFIN20030202_212148_000000592013_00286_04849_5331.N1	02-FEB-2003 21:21:48	Dark	59.000	1014	Mars	0.0000	0.0000	118	4849	Yes
385	GOM_NL__2PRFIN20030202_212353_000000702013_00286_04849_5332.N1	02-FEB-2003 21:23:53	Dark	69.500	104	27Bet Lib	2.6140	13100.	139	4849	No
386	GOM_NL__2PRFIN20030202_212715_000000382013_00286_04849_5333.N1	02-FEB-2003 21:27:15	Dark	37.500	147	Alp Ara	2.8770	26000.	75	4849	No
387	GOM_NL__2PRFIN20030202_212909_000000432013_00286_04849_5334.N1	02-FEB-2003 21:29:09	Dark	43.000	131	Gam Lup	2.8000	26000.	86	4849	No
388	GOM_NL__2PRFIN20030202_213239_000000392013_00287_04850_5303.N1	02-FEB-2003 21:32:39	Dark	38.500	43	Alp TrA	1.9100	4250.0	77	4850	No
389	GOM_NL__2PRFIN20030202_213410_000000392013_00287_04850_5304.N1	02-FEB-2003 21:34:10	Dark	38.500	145	Gam TrA	2.8720	10600.	77	4850	No
390	GOM_NL__2PRFIN20030202_213849_000000422013_00287_04850_5305.N1	02-FEB-2003 21:38:49	Dark	42.000	12	Alp1Cru	0.77500	30000.	84	4850	No
391	GOM_NL__2PRFIN20030202_214214_000000382013_00287_04850_5306.N1	02-FEB-2003 21:42:14	Dark	38.000	29	Bet Car	1.6720	10200.	76	4850	No
392	GOM_NL__2PRFIN20030202_214437_000000422013_00287_04850_5307.N1	02-FEB-2003 21:44:37	Dark	42.000	71	Iot Car	2.2460	7700.0	84	4850	No
393	GOM_NL__2PRFIN20030202_214621_000000432013_00287_04850_5308.N1	02-FEB-2003 21:46:21	Dark	43.000	46	Del Vel	1.9540	10600.	86	4850	No
394	GOM_NL__2PRFIN20030202_214852_000000432013_00287_04850_5309.N1	02-FEB-2003 21:48:52	Straylight	43.000	34	Gam2Vel	1.7930	23000.	86	4850	No
395	GOM_NL__2PRFIN20030202_215057_000000422013_00287_04850_5310.N1	02-FEB-2003 21:50:57	Straylight	42.000	70	Zet Pup	2.2460	39000.	84	4850	No
396	GOM_NL__2PRFIN20030202_215218_000000442013_00287_04850_5311.N1	02-FEB-2003 21:52:18	Straylight	43.500	117	Pi Pup	2.7060	3800.0	87	4850	No

397	GOM_NL__2PRFIN20030202_215411_000002132013_00287_04850_5312.N1	02-FEB-2003 21:54:11	Straylight	213.00	100	4Gam Crv	2.5800	13100.	426	4850	No
398	GOM_NL__2PRFIN20030202_215949_000000622013_00287_04850_5313.N1	02-FEB-2003 21:59:49	Straylight	61.500	48	30Alp Hya	1.9770	4100.0	123	4850	No
399	GOM_NL__2PRFIN20030202_220359_000000532013_00287_04850_5314.N1	02-FEB-2003 22:03:59	Twi_and_stray	53.000	8	10Alp CMi	0.40000	6500.0	106	4850	No
400	GOM_NL__2PRFIN20030202_220846_000000552013_00287_04850_5315.N1	02-FEB-2003 22:08:46	Dark	54.500	1015	Jupiter	0.0000	0.0000	109	4850	Yes
401	GOM_NL__2PRFIN20030202_221037_000000402013_00287_04850_5316.N1	02-FEB-2003 22:10:37	Bright	39.500	17	78Bet Gem	1.1610	4500.0	79	4850	No
402	GOM_NL__2PRFIN20030202_221339_000000372013_00287_04850_5317.N1	02-FEB-2003 22:13:39	Bright	36.500	107	37The Aur	2.6490	11000.	73	4850	No
403	GOM_NL__2PRFIN20030202_221544_000000372013_00287_04850_5318.N1	02-FEB-2003 22:15:44	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	4850	No
404	GOM_NL__2PRFIN20030202_222441_000000502013_00287_04850_5319.N1	02-FEB-2003 22:24:41	Bright	50.000	82	48Bet UMa	2.3650	10600.	100	4850	No
405	GOM_NL__2PRFIN20030202_222754_000000362013_00287_04850_5320.N1	02-FEB-2003 22:27:54	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	4850	No
406	GOM_NL__2PRFIN20030202_223053_000000412013_00287_04850_5321.N1	02-FEB-2003 22:30:53	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	4850	No
407	GOM_NL__2PRFIN20030202_223238_000000592013_00287_04850_5322.N1	02-FEB-2003 22:32:38	Bright	58.500	55	79Zet UMa	2.0600	10200.	117	4850	No
408	GOM_NL__2PRFIN20030202_223538_000000402013_00287_04850_5323.N1	02-FEB-2003 22:35:38	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	4850	No
409	GOM_NL__2PRFIN20030202_223852_000000392013_00287_04850_5324.N1	02-FEB-2003 22:38:52	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	4850	No
410	GOM_NL__2PRFIN20030202_224234_000000392013_00287_04850_5325.N1	02-FEB-2003 22:42:34	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	4850	No
411	GOM_NL__2PRFIN20030202_224536_000000452013_00287_04850_5326.N1	02-FEB-2003 22:45:36	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	4850	No
412	GOM_NL__2PRFIN20030202_224958_000001272013_00287_04850_5327.N1	02-FEB-2003 22:49:58	Twi_and_stray	126.50	83		2.3780	11000.	253	4850	No
413	GOM_NL__2PRFIN20030202_225649_000000762013_00287_04850_5328.N1	02-FEB-2003 22:56:49	Twi_and_stray	75.500	102	24Alp Ser	2.6000	4250.0	151	4850	No
414	GOM_NL__2PRFIN20030202_225949_000000012013_00287_04850_5329.N1	02-FEB-2003 22:59:49	Dark	0.50000	1012	Venus	0.0000	0.0000	1	4850	Yes
415	GOM_NL__2PRFIN20030202_230224_000000562013_00287_04850_5330.N1	02-FEB-2003 23:02:24	Dark	55.500	1014	Mars	0.0000	0.0000	111	4850	Yes
416	GOM_NL__2PRFIN20030202_230431_000000712013_00287_04850_5331.N1	02-FEB-2003 23:04:31	Dark	71.000	104	27Bet Lib	2.6140	13100.	142	4850	No
417	GOM_NL__2PRFIN20030202_230751_000000382013_00287_04850_5332.N1	02-FEB-2003 23:07:51	Dark	38.000	147	Alp Ara	2.8770	26000.	76	4850	No
418	GOM_NL__2PRFIN20030202_230946_000000452013_00287_04850_5333.N1	02-FEB-2003 23:09:46	Dark	44.500	131	Gam Lup	2.8000	26000.	89	4850	No
419	GOM_NL__2PRFIN20030202_231315_000000512013_00288_04851_5303.N1	02-FEB-2003 23:13:15	Dark	51.000	43	Alp TrA	1.9100	4250.0	102	4851	No
420	GOM_NL__2PRFIN20030202_231446_000000382013_00288_04851_5304.N1	02-FEB-2003 23:14:46	Dark	38.000	145	Gam TrA	2.8720	10600.	76	4851	No
421	GOM_NL__2PRFIN20030202_231926_000000432013_00288_04851_5305.N1	02-FEB-2003 23:19:26	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	4851	No
422	GOM_NL__2PRFIN20030202_232250_000000422013_00288_04851_5306.N1	02-FEB-2003 23:22:50	Dark	41.500	29	Bet Car	1.6720	10200.	83	4851	No
423	GOM_NL__2PRFIN20030202_232513_000000422013_00288_04851_5307.N1	02-FEB-2003 23:25:13	Dark	41.500	71	Iot Car	2.2460	7700.0	83	4851	No
424	GOM_NL__2PRFIN20030202_232657_000000422013_00288_04851_5308.N1	02-FEB-2003 23:26:57	Dark	42.000	46	Del Vel	1.9540	10600.	84	4851	No
425	GOM_NL__2PRFIN20030202_232928_000000422013_00288_04851_5309.N1	02-FEB-2003 23:29:28	Straylight	42.000	34	Gam2Vel	1.7930	23000.	84	4851	No
426	GOM_NL__2PRFIN20030202_233132_000000412013_00288_04851_5310.N1	02-FEB-2003 23:31:32	Straylight	41.000	70	Zet Pup	2.2460	39000.	82	4851	No
427	GOM_NL__2PRFIN20030202_233254_000000432013_00288_04851_5311.N1	02-FEB-2003 23:32:54	Straylight	42.500	117	Pi Pup	2.7060	3800.0	85	4851	No
428	GOM_NL__2PRFIN20030202_233448_000002132013_00288_04851_5312.N1	02-FEB-2003 23:34:48	Straylight	213.00	100	4Gam Crv	2.5800	13100.	426	4851	No
429	GOM_NL__2PRFIN20030202_234024_000000592013_00288_04851_5313.N1	02-FEB-2003 23:40:24	Straylight	58.500	48	30Alp Hya	1.9770	4100.0	117	4851	No
430	GOM_NL__2PRFIN20030202_234434_000000522013_00288_04851_5314.N1	02-FEB-2003 23:44:34	Twi_and_stray	52.000	8	10Alp CMi	0.40000	6500.0	104	4851	No
431	GOM_NL__2PRFIN20030202_234921_000000552013_00288_04851_5315.N1	02-FEB-2003 23:49:21	Dark	54.500	1015	Jupiter	0.0000	0.0000	109	4851	Yes
432	GOM_NL__2PRFIN20030202_235112_000000402013_00288_04851_5316.N1	02-FEB-2003 23:51:12	Bright	40.000	17	78Bet Gem	1.1610	4500.0	80	4851	No
433	GOM_NL__2PRFIN20030202_235415_000000372013_00288_04851_5317.N1	02-FEB-2003 23:54:15	Bright	37.000	107	37The Aur	2.6490	11000.	74	4851	No
434	GOM_NL__2PRFIN20030202_235620_000000362013_00288_04851_5318.N1	02-FEB-2003 23:56:20	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	4851	No

3. Quality information per product

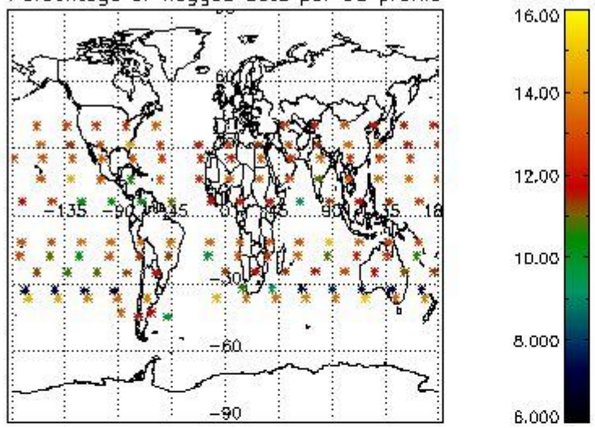
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

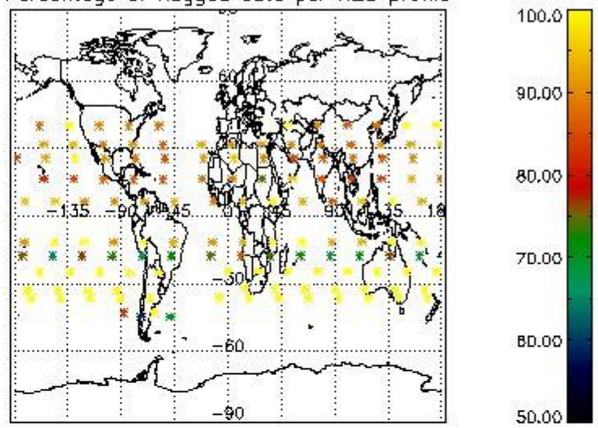


3.2 Plot quality information per product (world map)

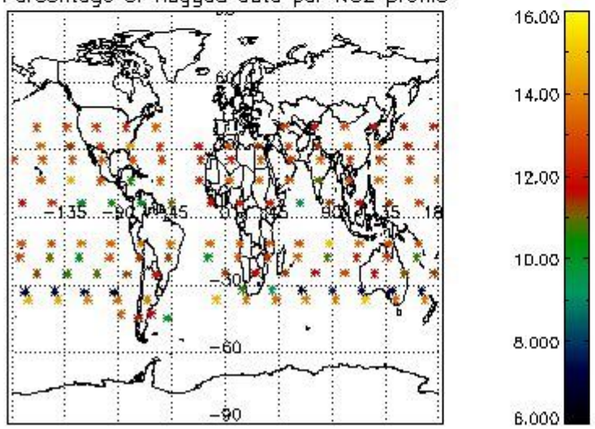
Percentage of flagged data per O3 profile



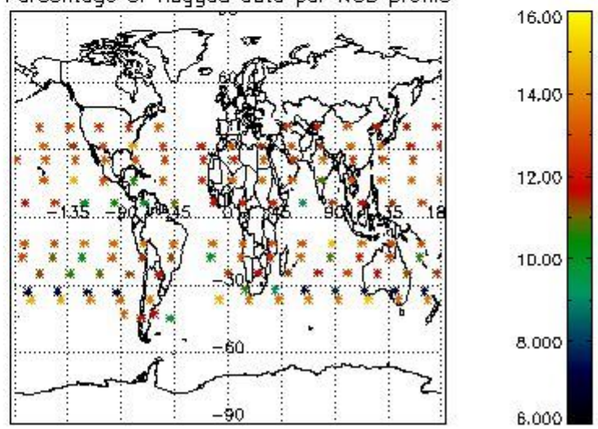
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

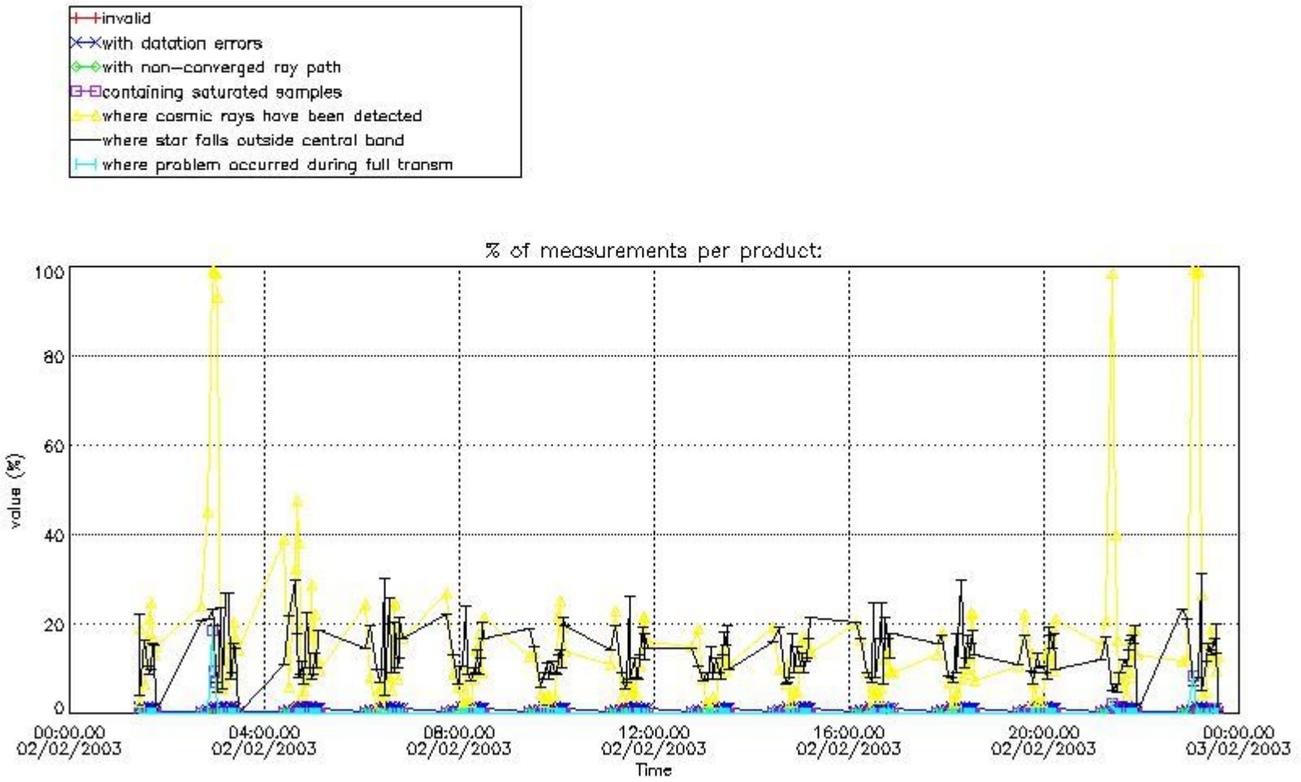


4. Level 1 quality information per product

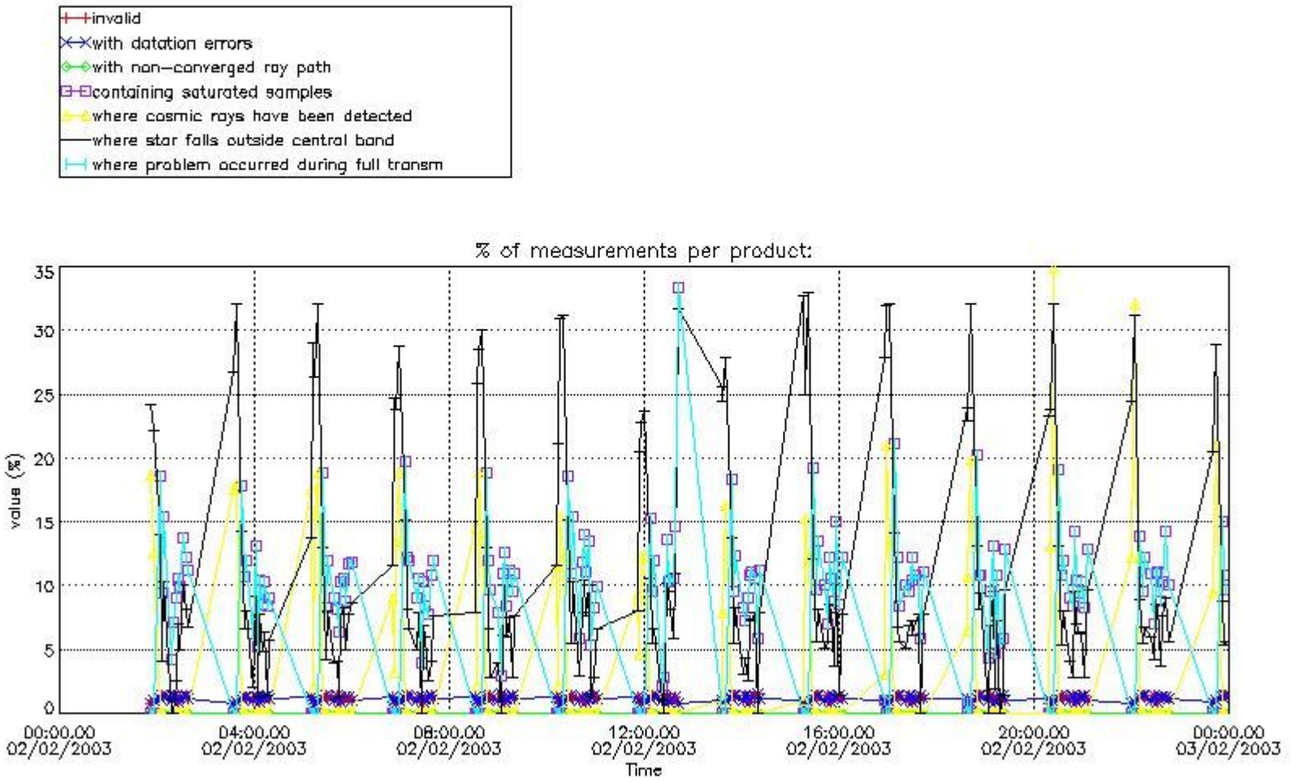
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processsing. Products without errors (error flag in the MPH set to "0") are used.

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

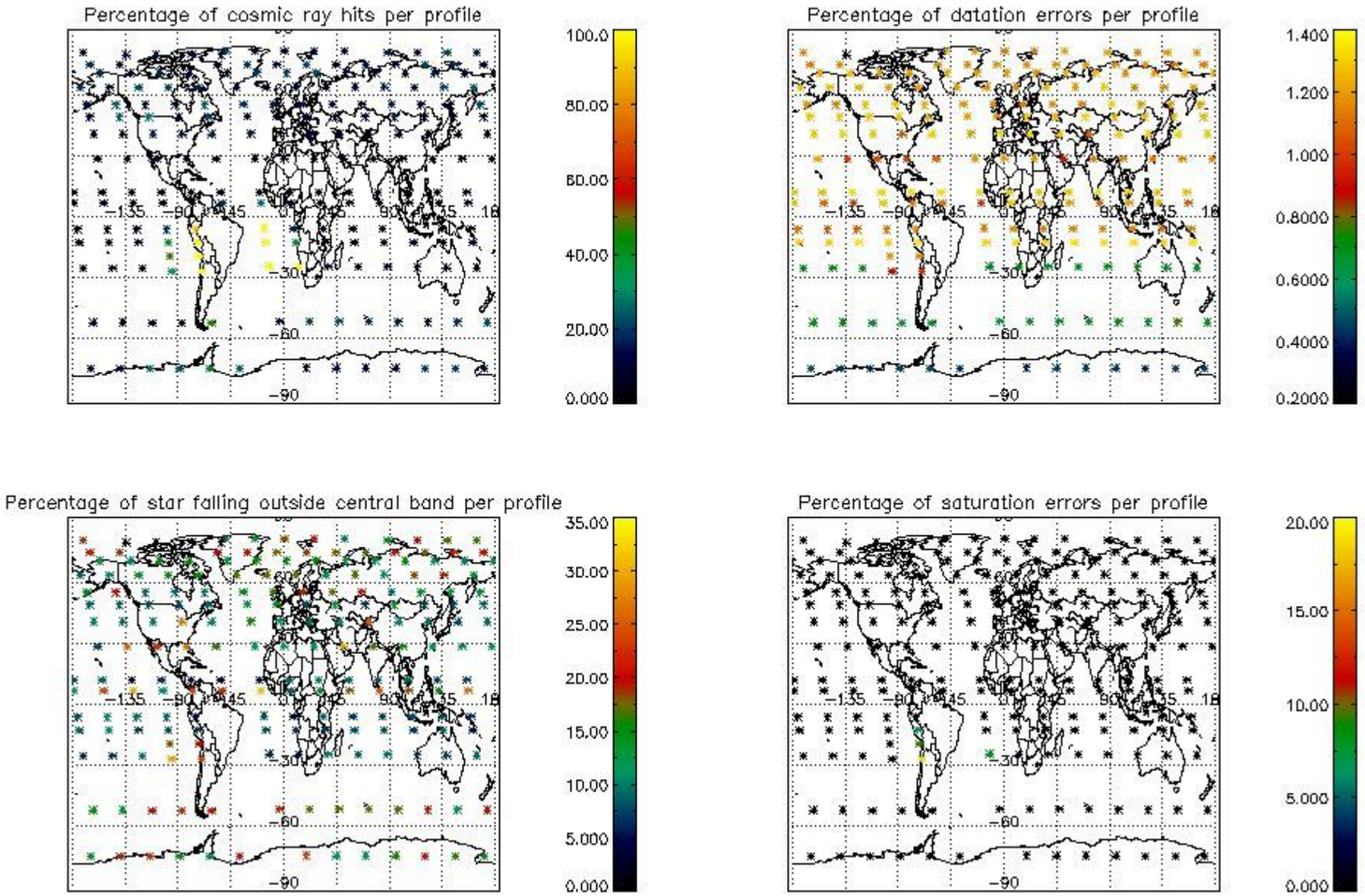


4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



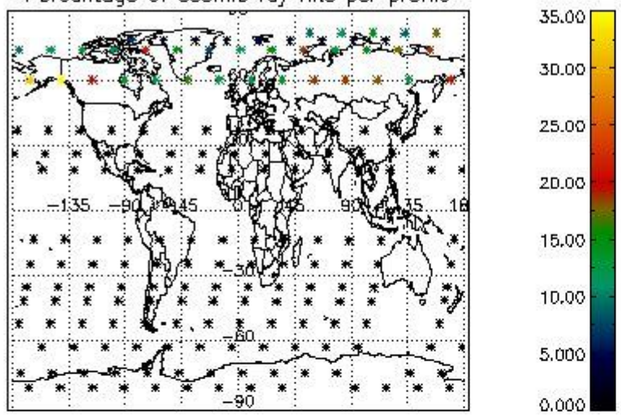
4.2 Plot quality information per product comming from level 1b processing (world map)

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

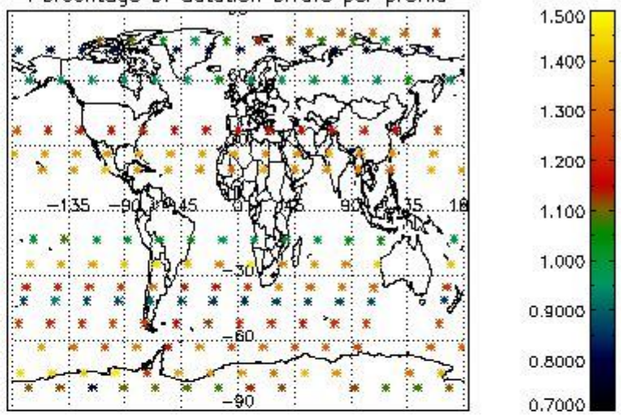


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

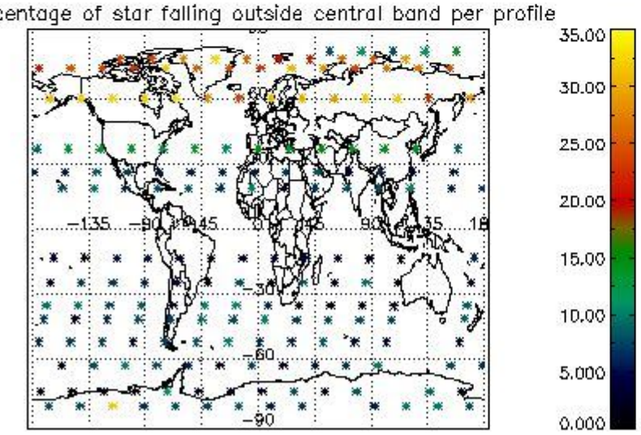
Percentage of cosmic ray hits per profile



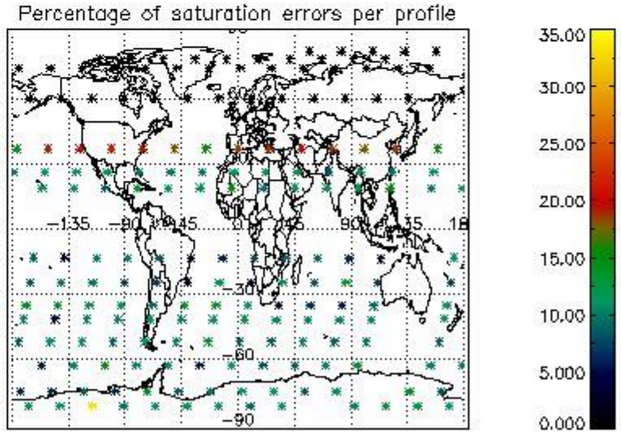
Percentage of datation errors per profile



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

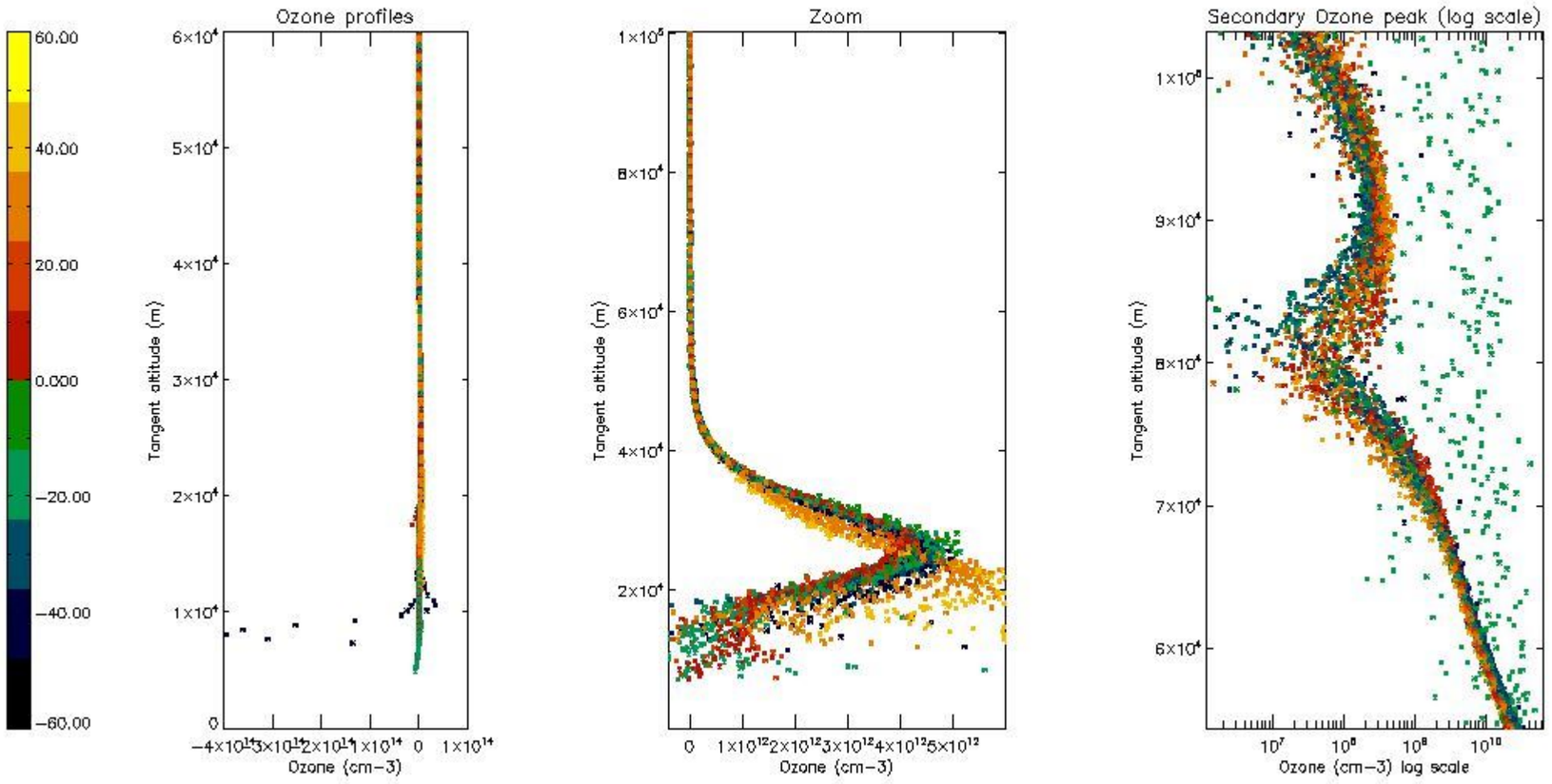
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	31
STD < 20	19

STD < 10	16
STD < 5	12

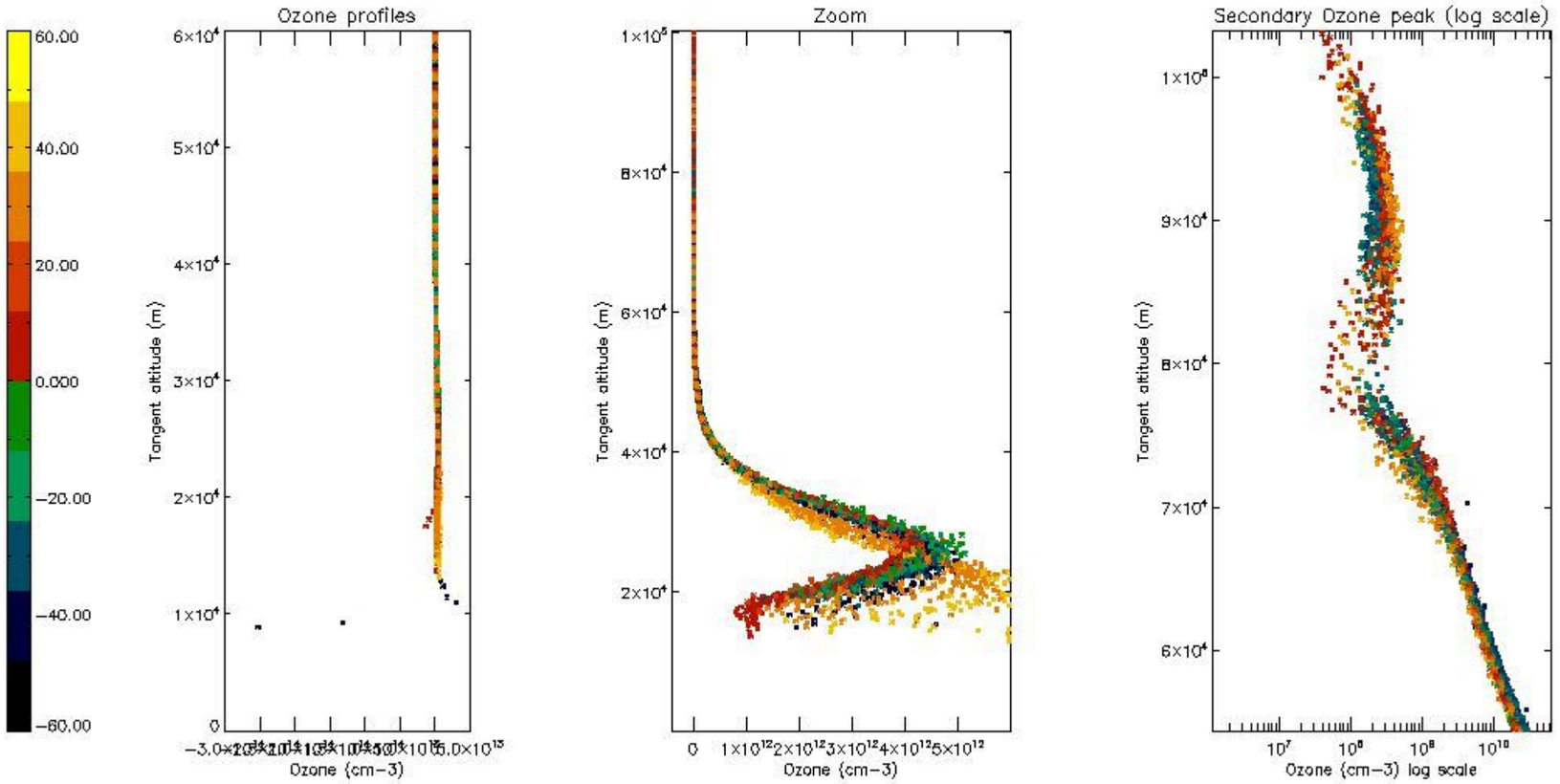
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



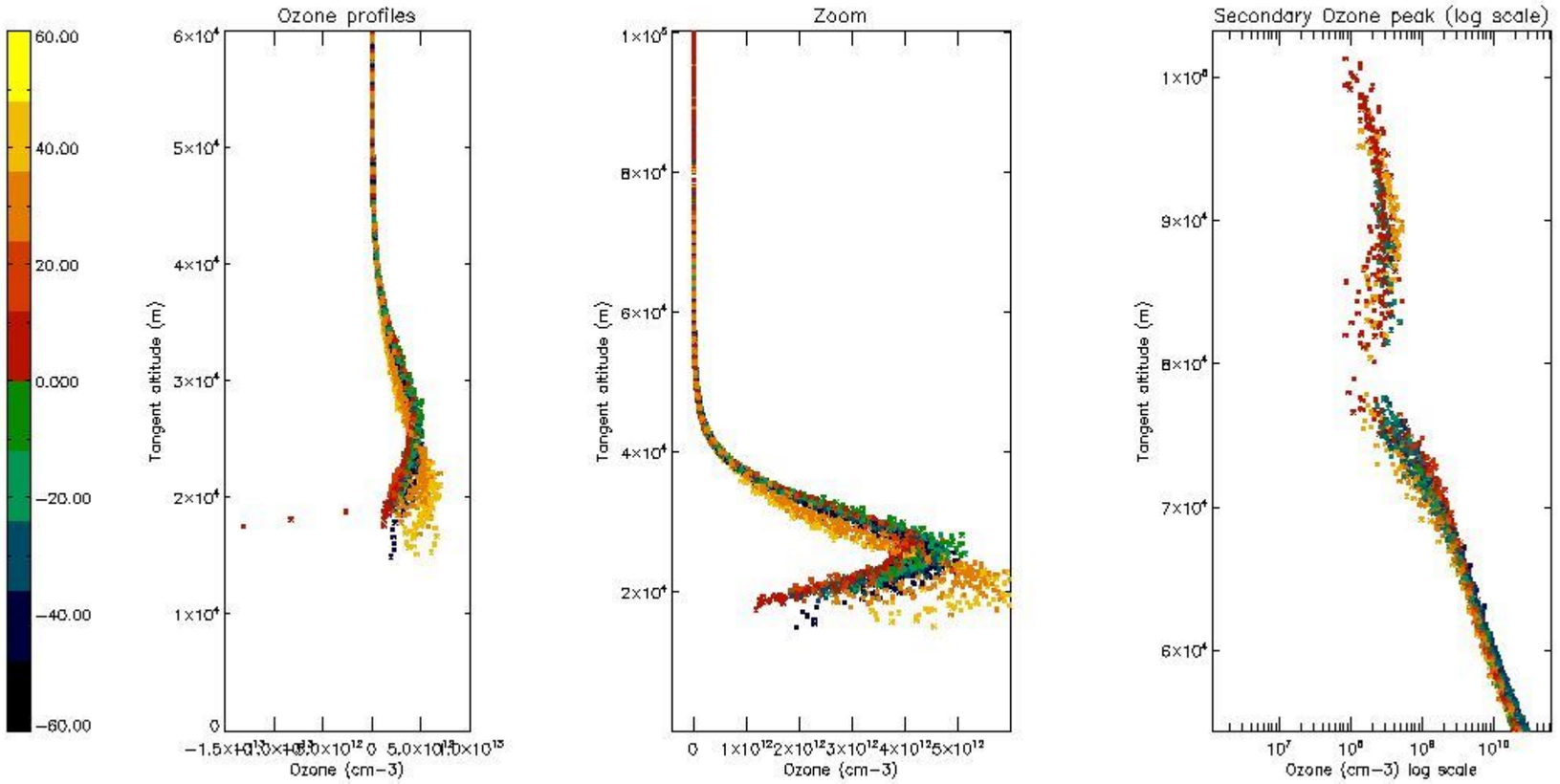
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



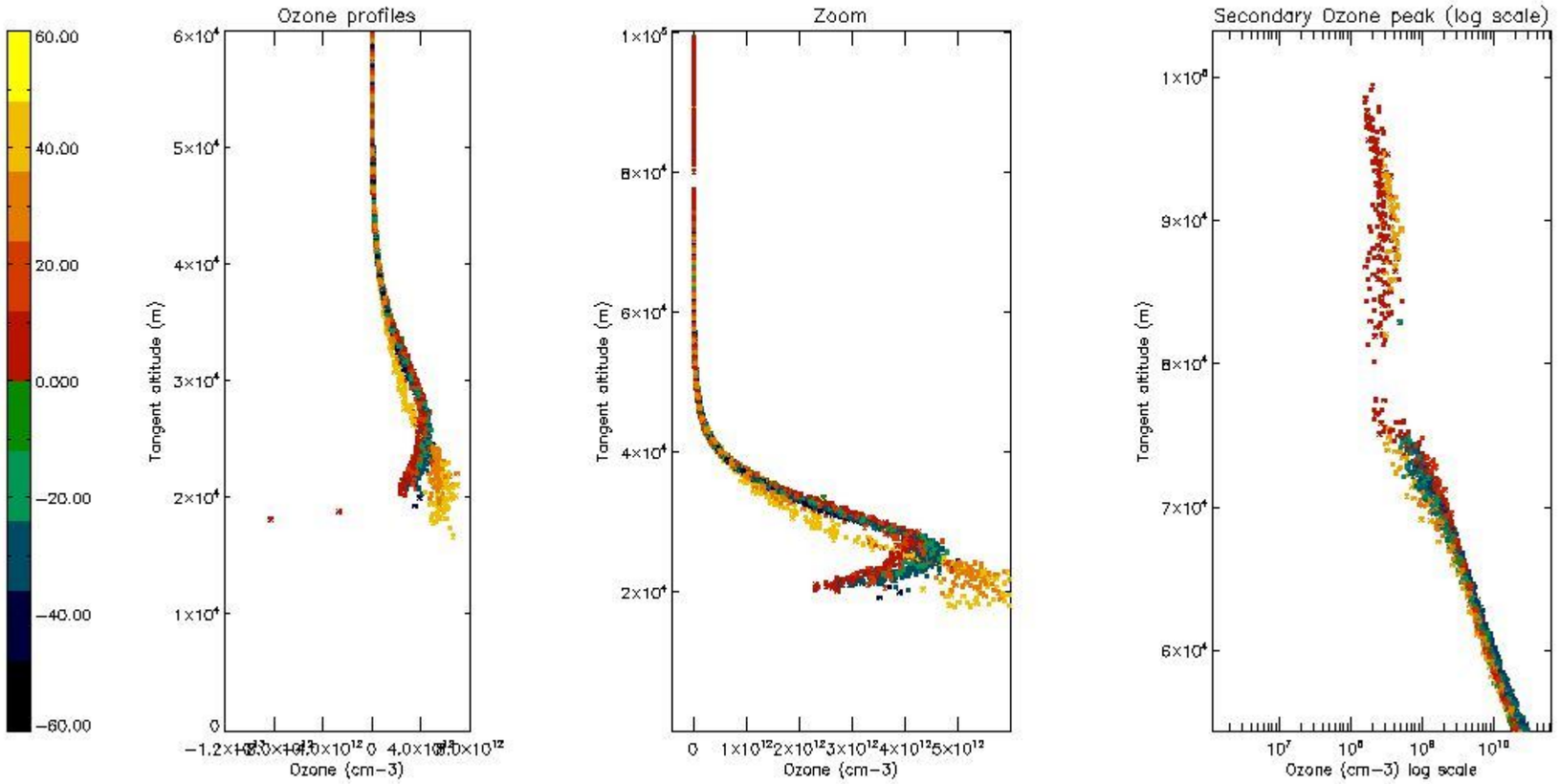
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



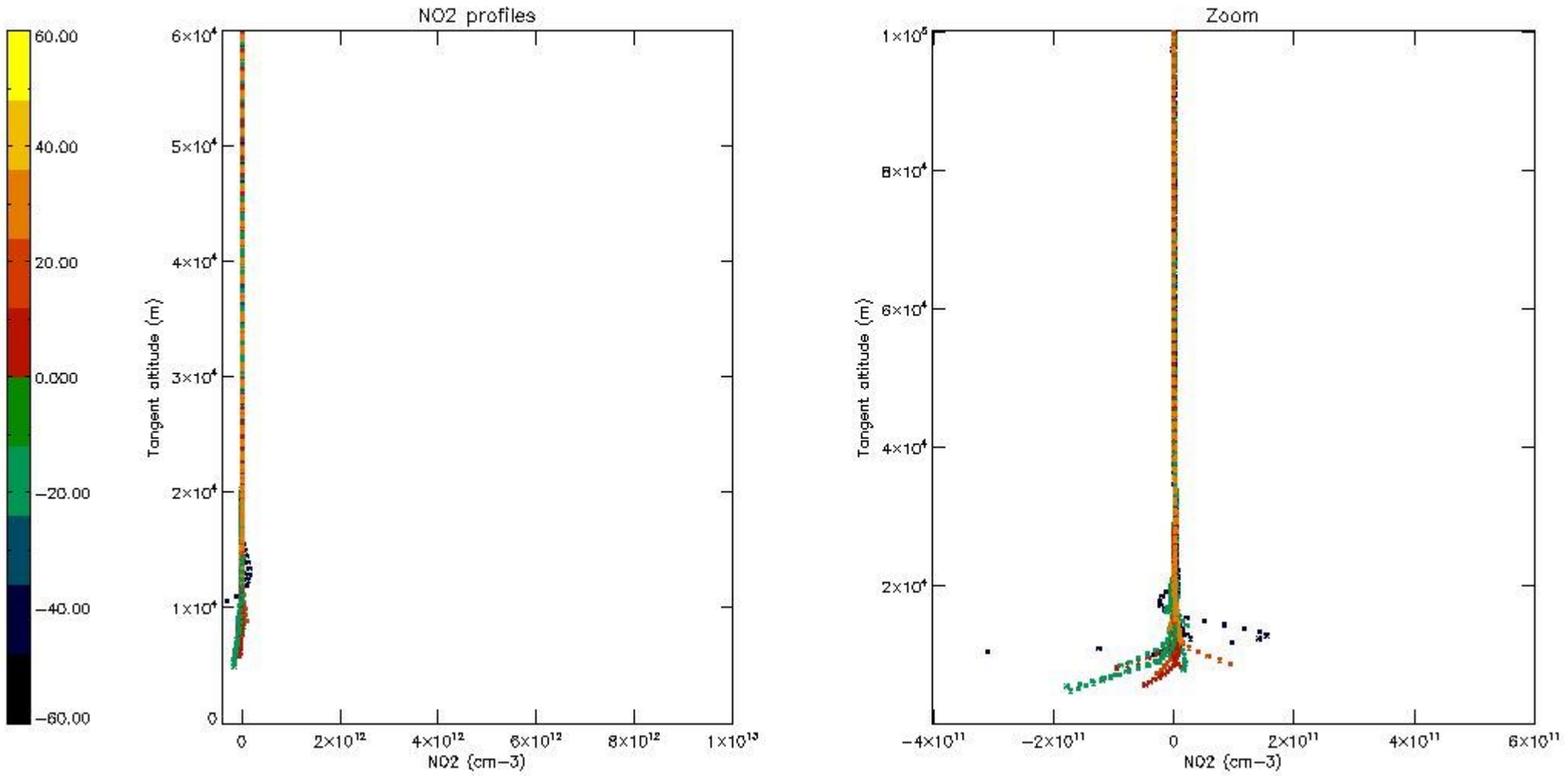
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



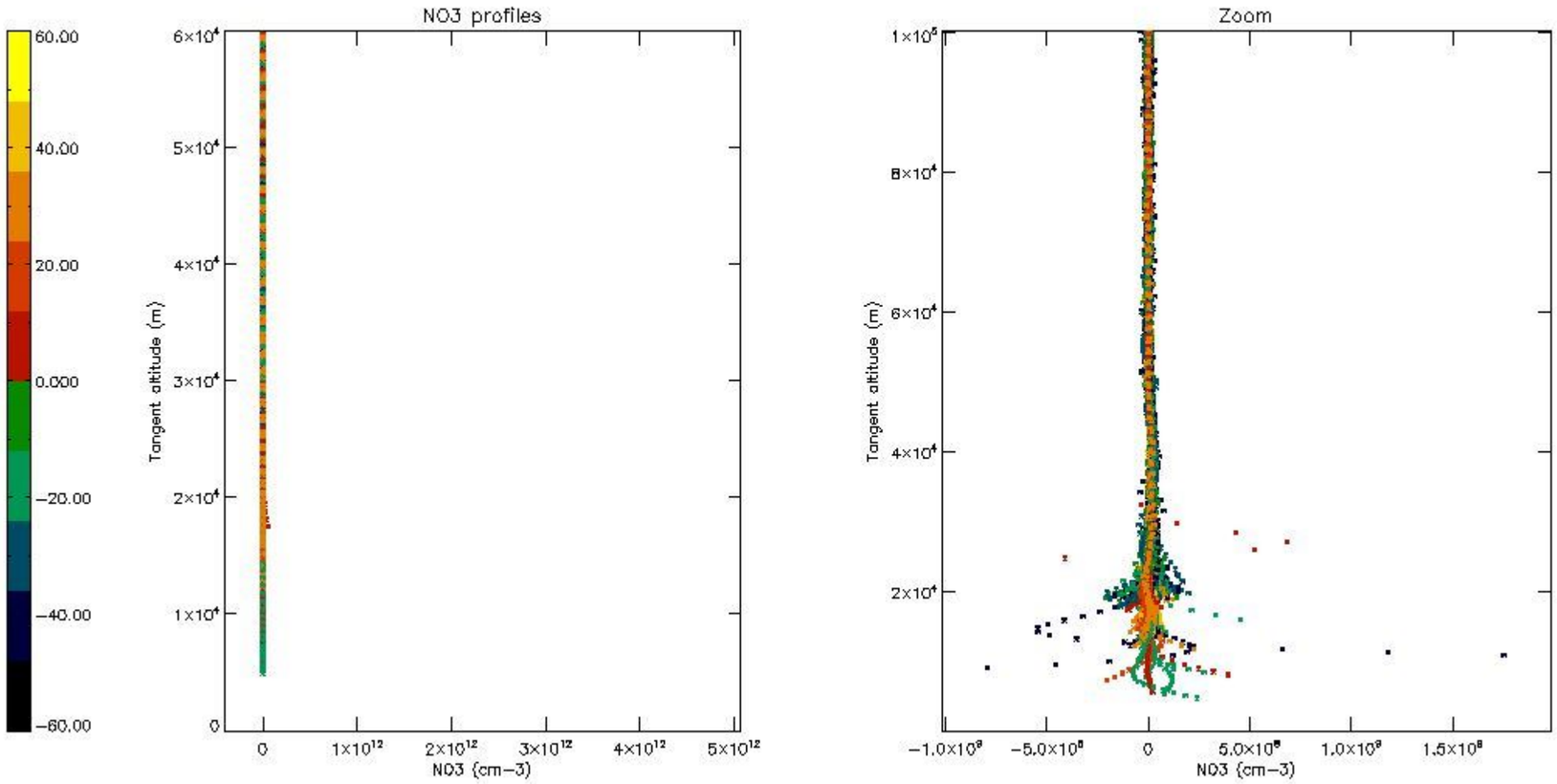
5.6 Plot NO2 profiles for all STD (dark without errors)

The colorbar represents the latitude.



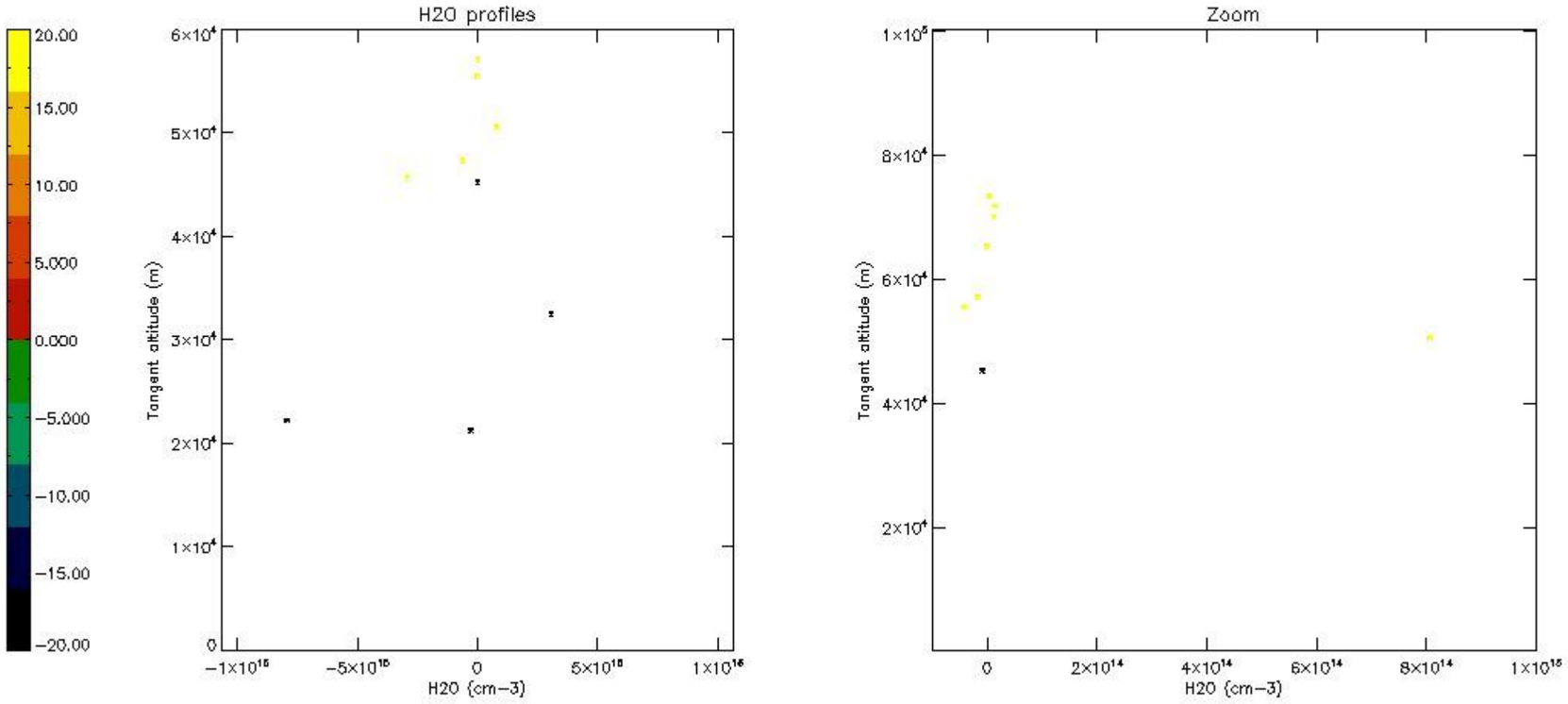
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

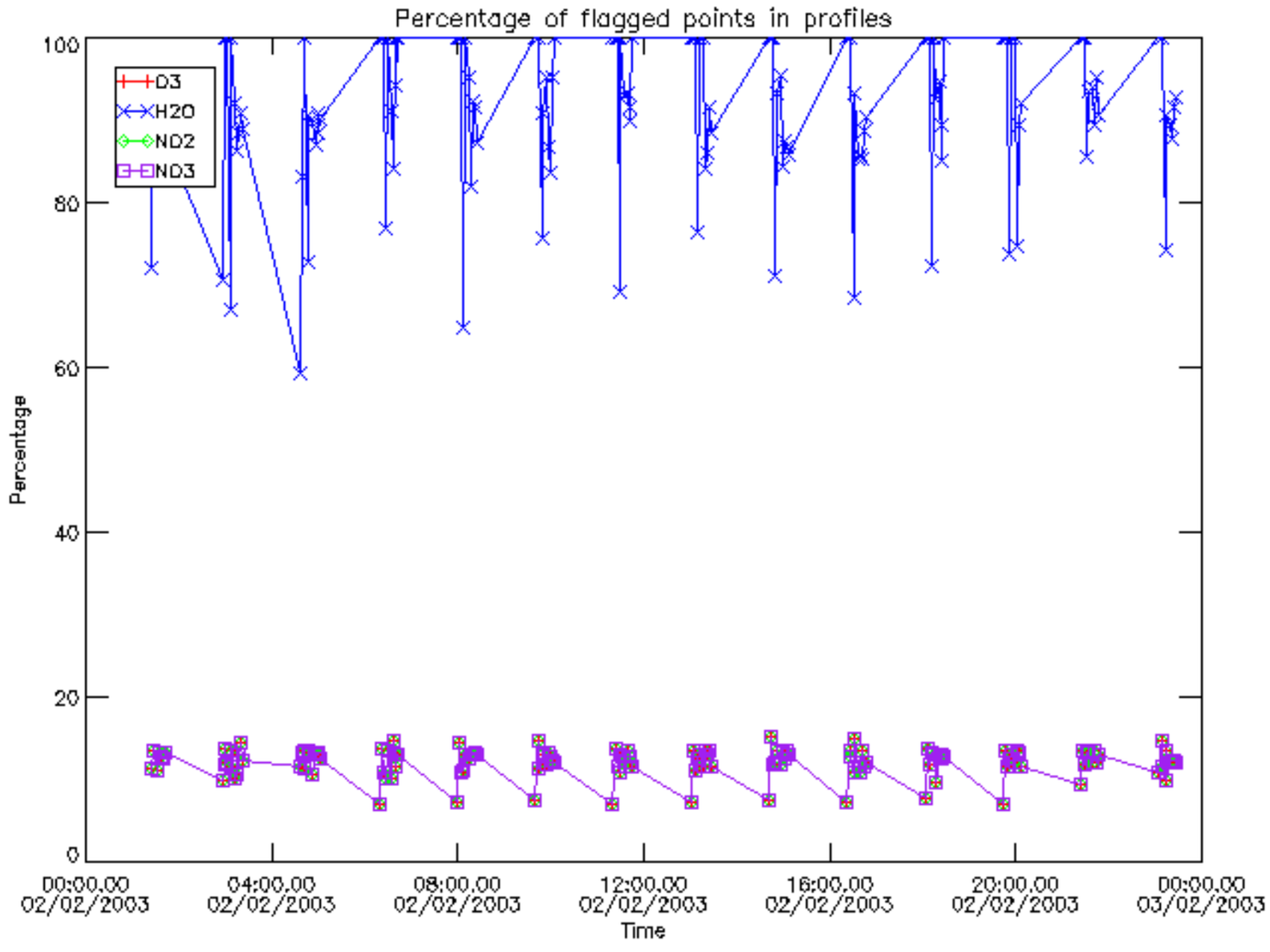
The colorbar represents the latitude.



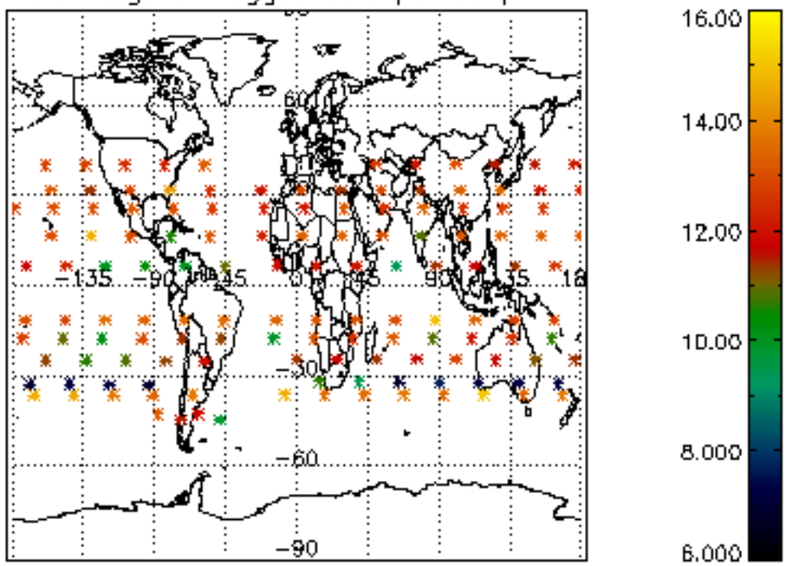
6. Auxiliary Data Files used for the production reported in section 2

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

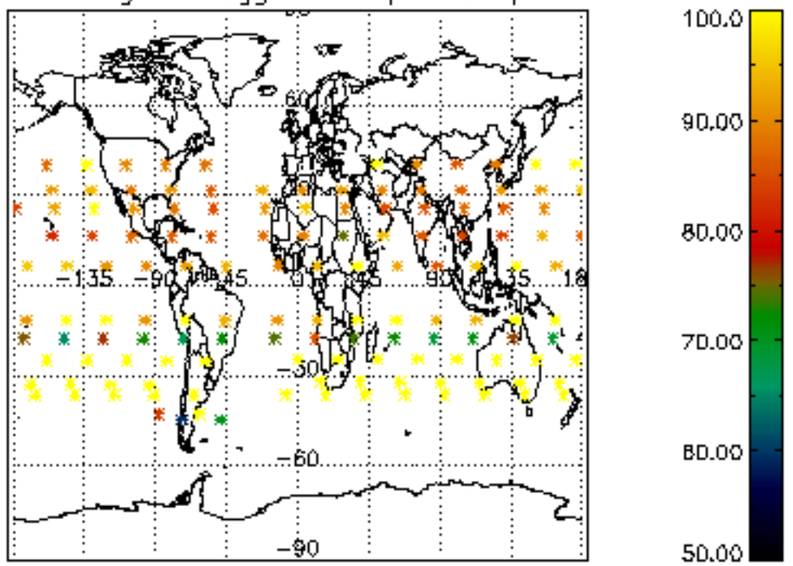
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXNIEC20050627_150440_20020301_000000_20100101_000000	1	02-FEB-2003 01:25:26
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	02-FEB-2003 01:25:26
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	02-FEB-2003 01:25:26


Percentage of flagged points in profiles
O3
H2O
NO2
NO3
100
80
60
40
20
0
Percentage
00:00.00
02/02/2003
04:00.00
02/02/2003
08:00.00
02/02/2003
12:00.00
02/02/2003
16:00.00
02/02/2003
20:00.00
02/02/2003
00:00.00
03/02/2003
Time

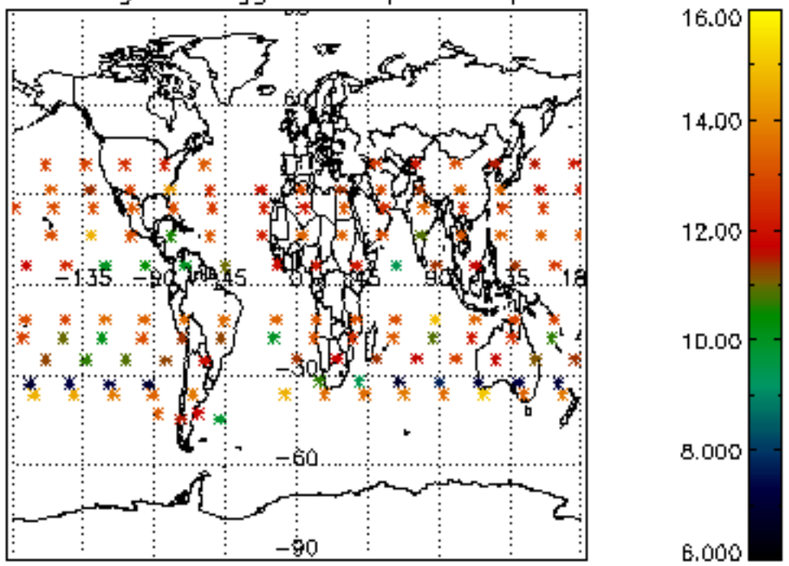
Percentage of flagged data per O3 profile



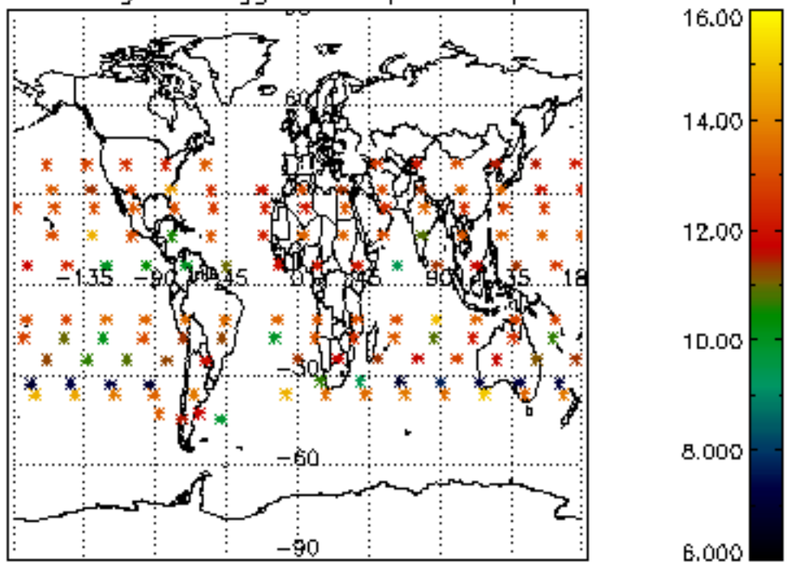
Percentage of flagged data per H2O profile

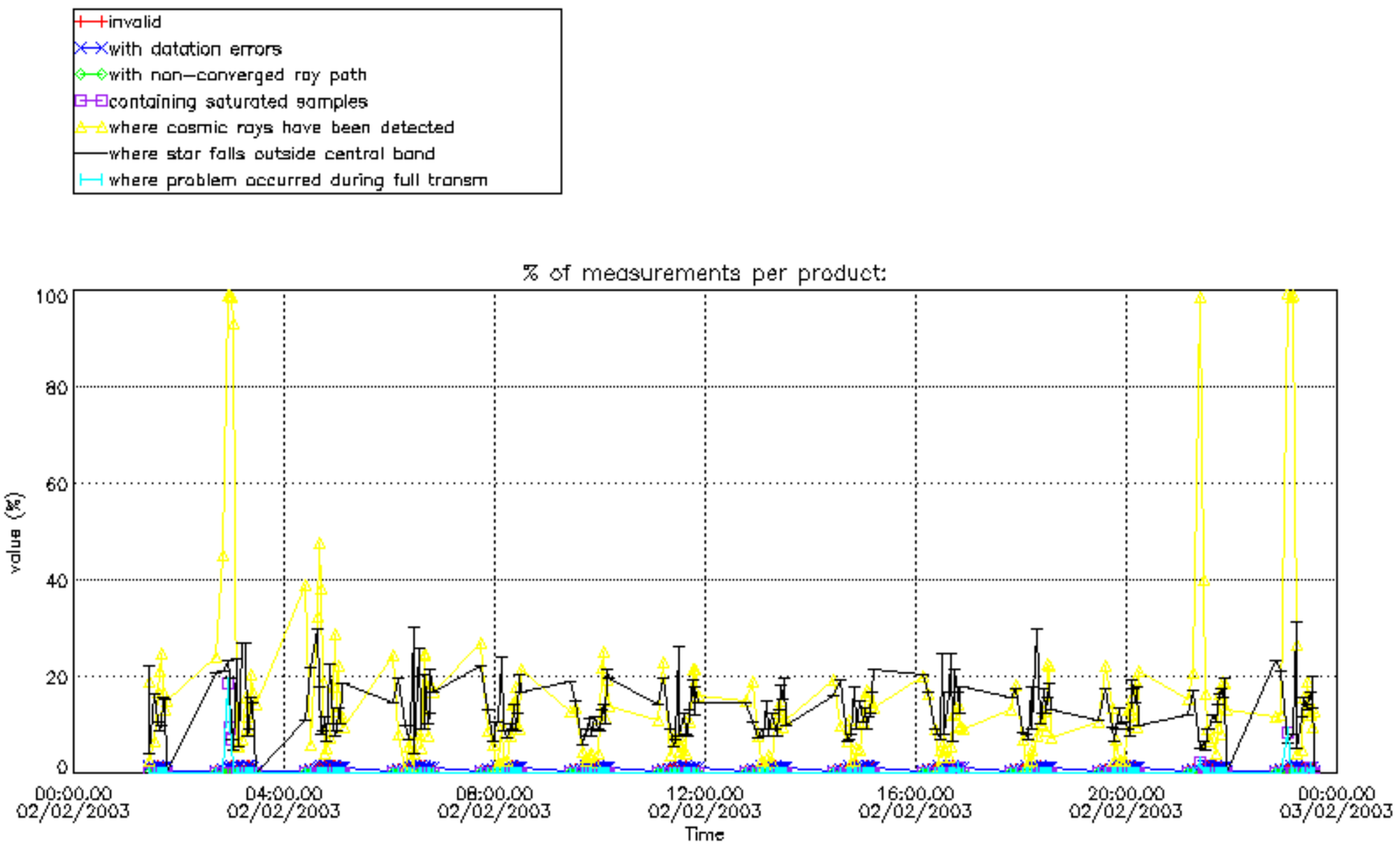


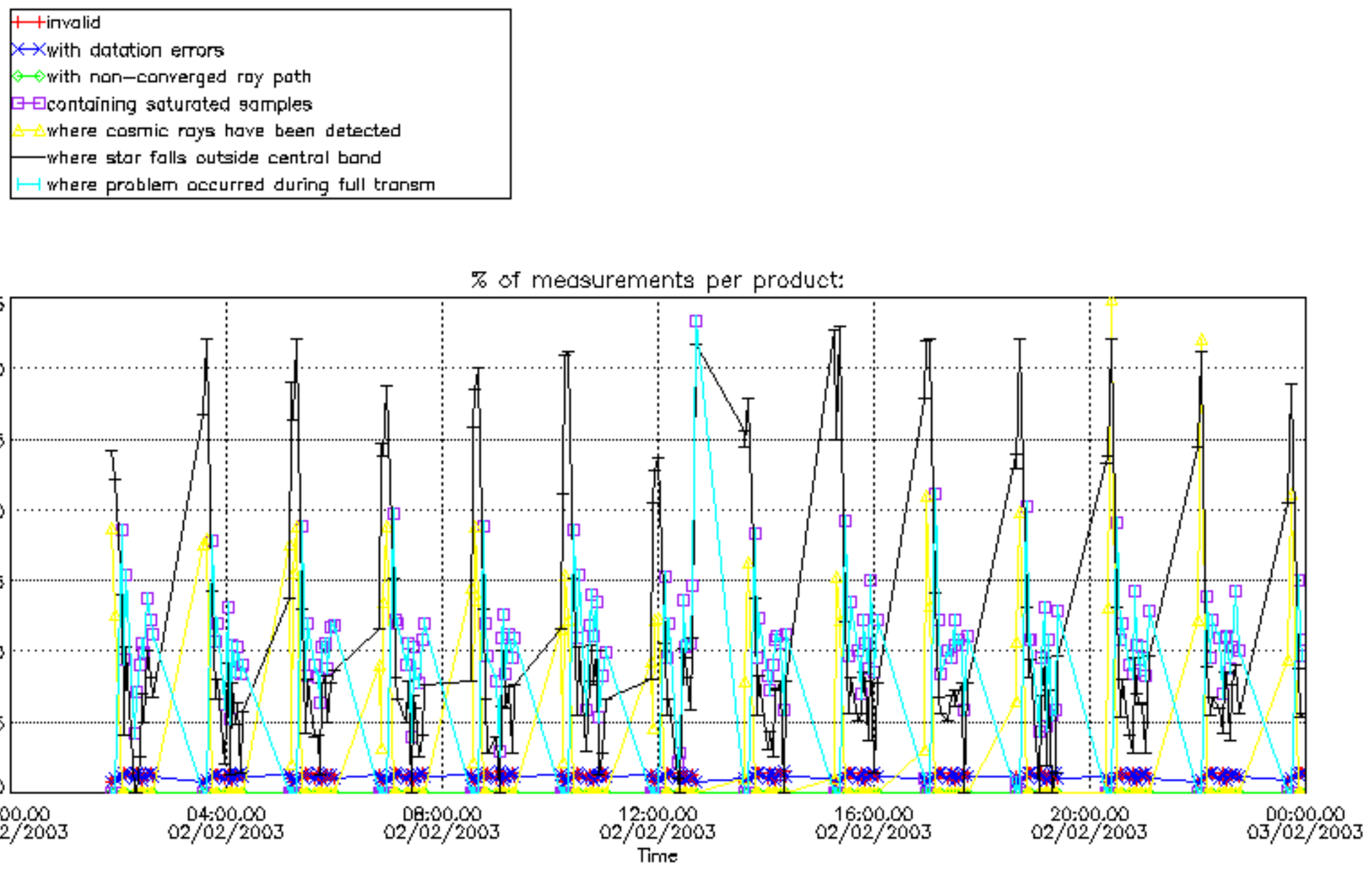
Percentage of flagged data per NO2 profile



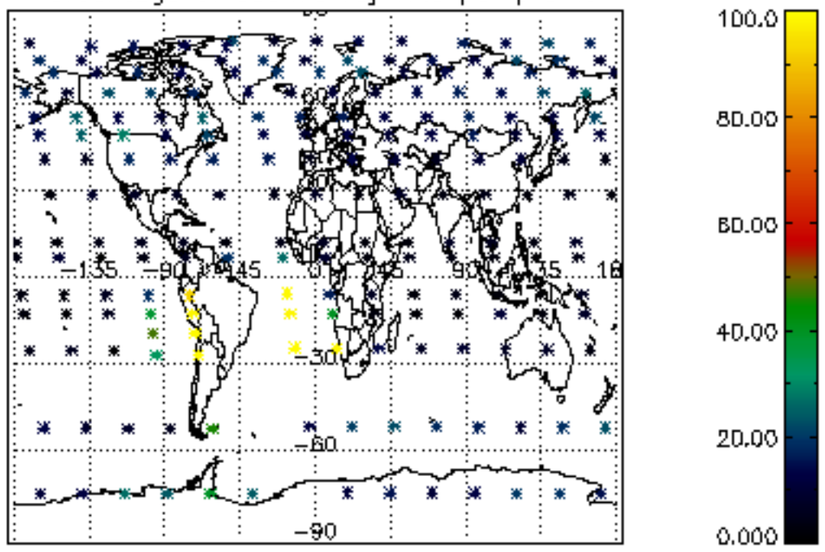
Percentage of flagged data per NO3 profile



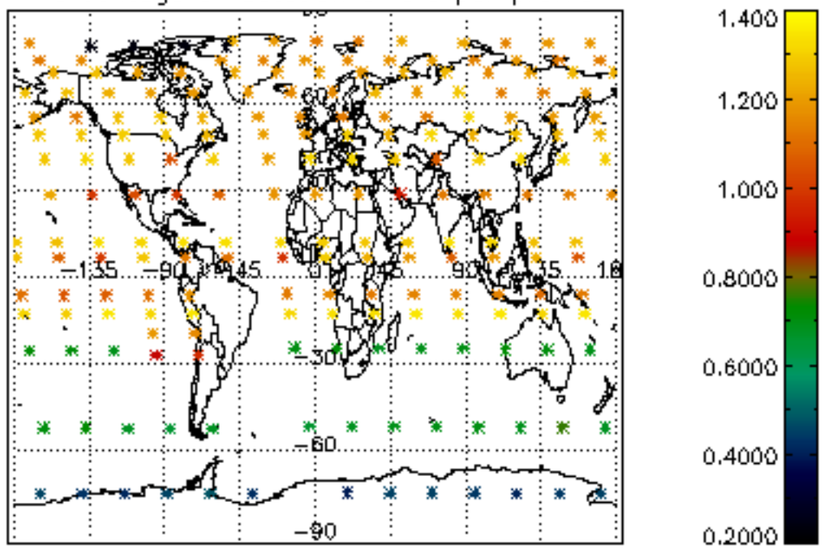

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
100
80
60
40
20
0
value (%)
00:00.00
02/02/2003
04:00.00
02/02/2003
08:00.00
02/02/2003
12:00.00
02/02/2003
16:00.00
02/02/2003
20:00.00
02/02/2003
00:00.00
03/02/2003
Time


invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
value (%)
0
5
10
15
20
25
30
35
00:00.00
02/02/2003
04:00.00
02/02/2003
08:00.00
02/02/2003
12:00.00
02/02/2003
16:00.00
02/02/2003
20:00.00
02/02/2003
00:00.00
03/02/2003
Time

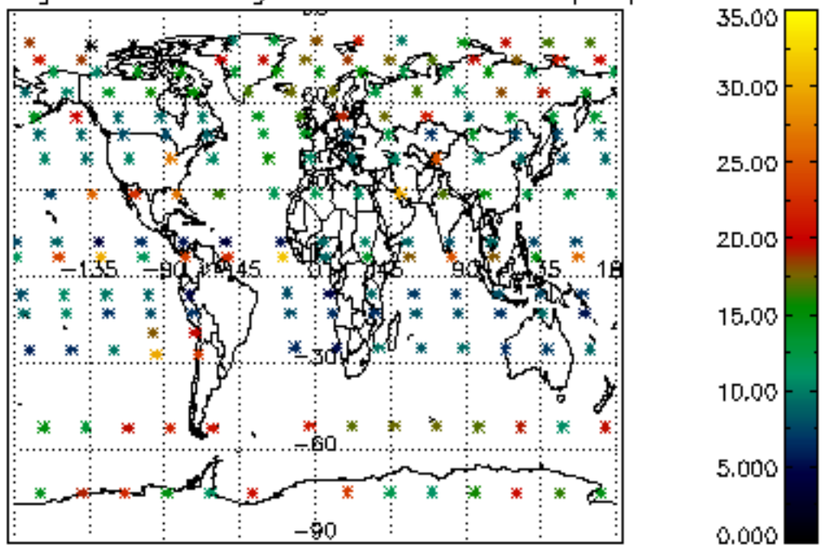
Percentage of cosmic ray hits per profile



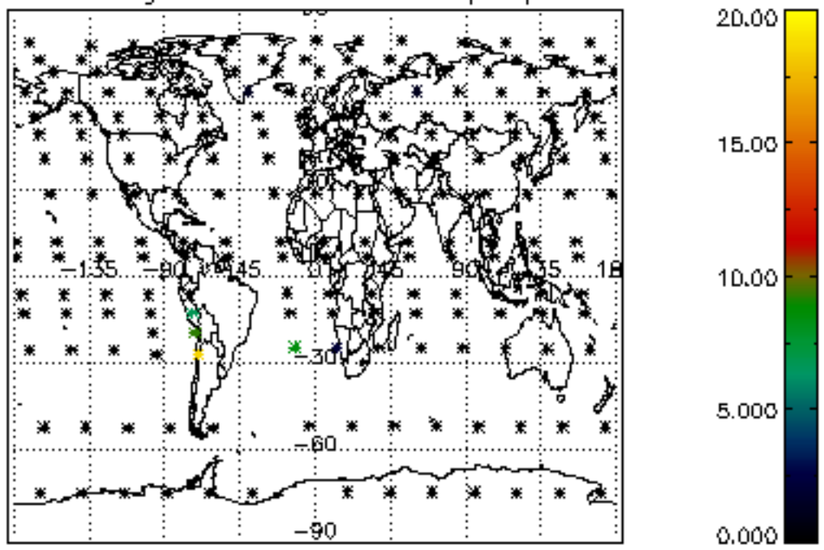
Percentage of datation errors per profile

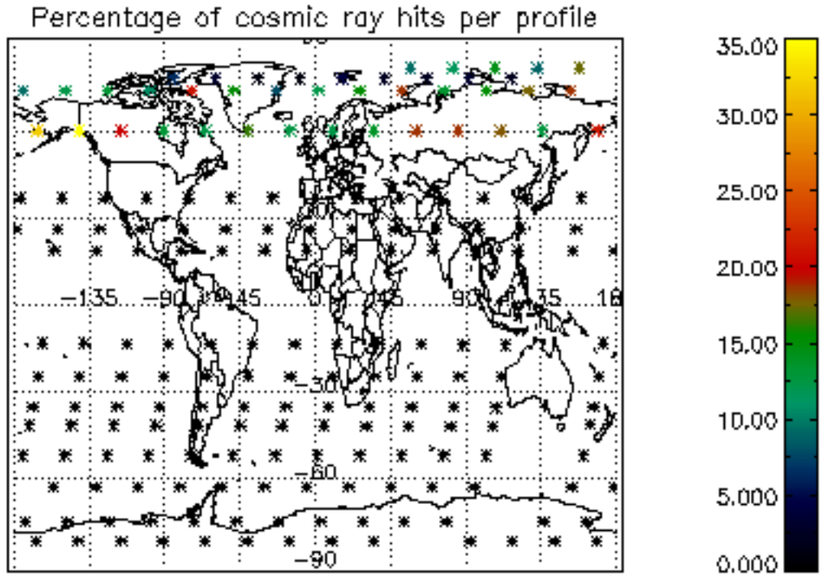


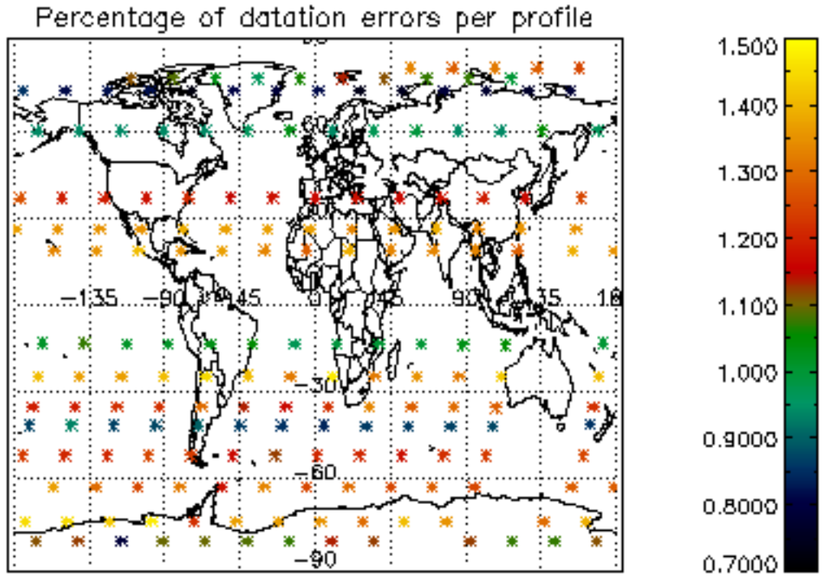
Percentage of star falling outside central band per profile

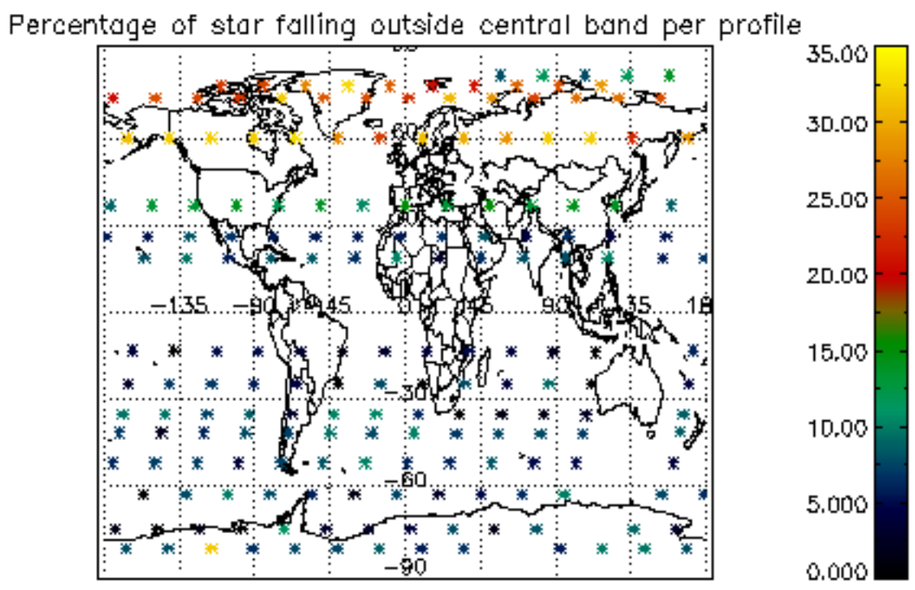


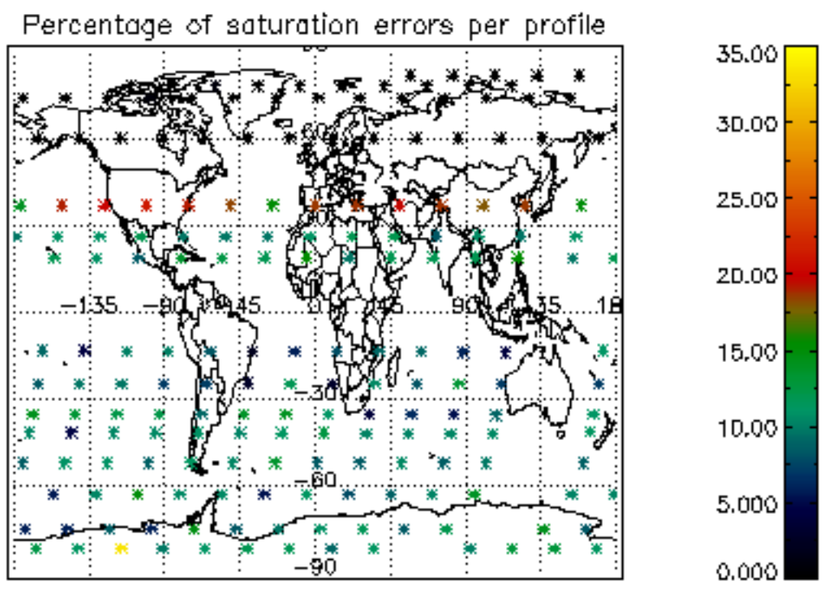
Percentage of saturation errors per profile

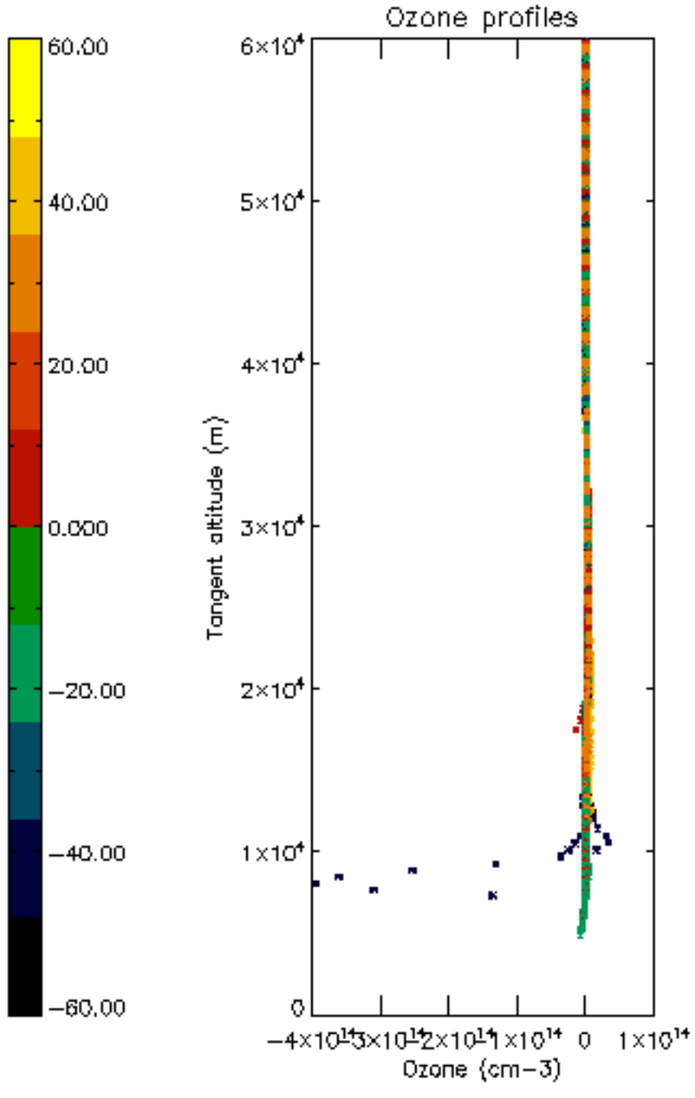


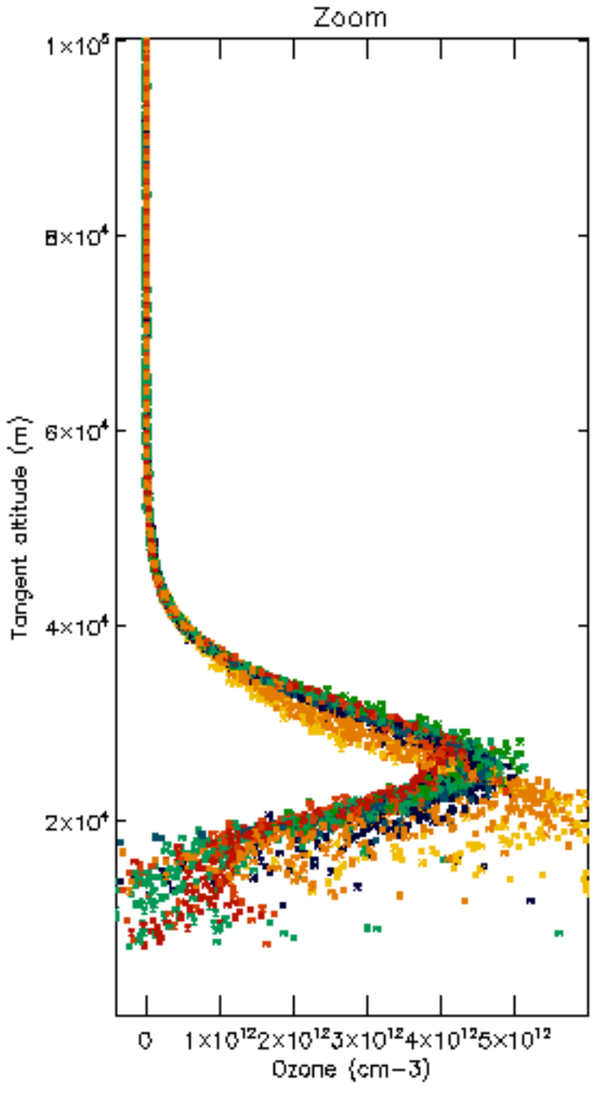

Percentage of cosmic ray hits per profile
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

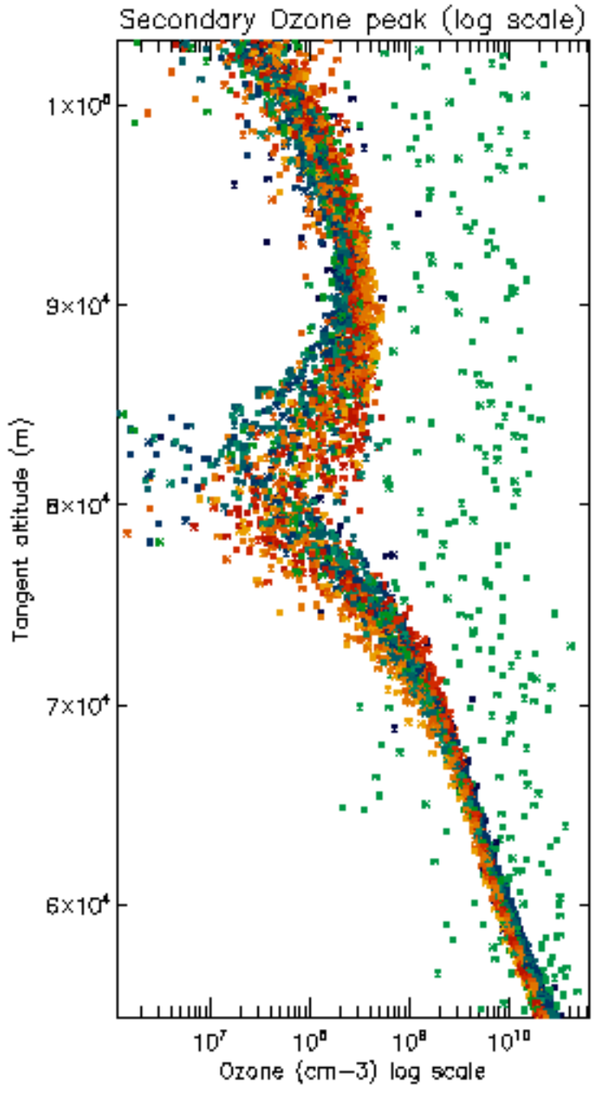

Percentage of datation errors per profile
1.500
1.400
1.300
1.200
1.100
1.000
0.9000
0.8000
0.7000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

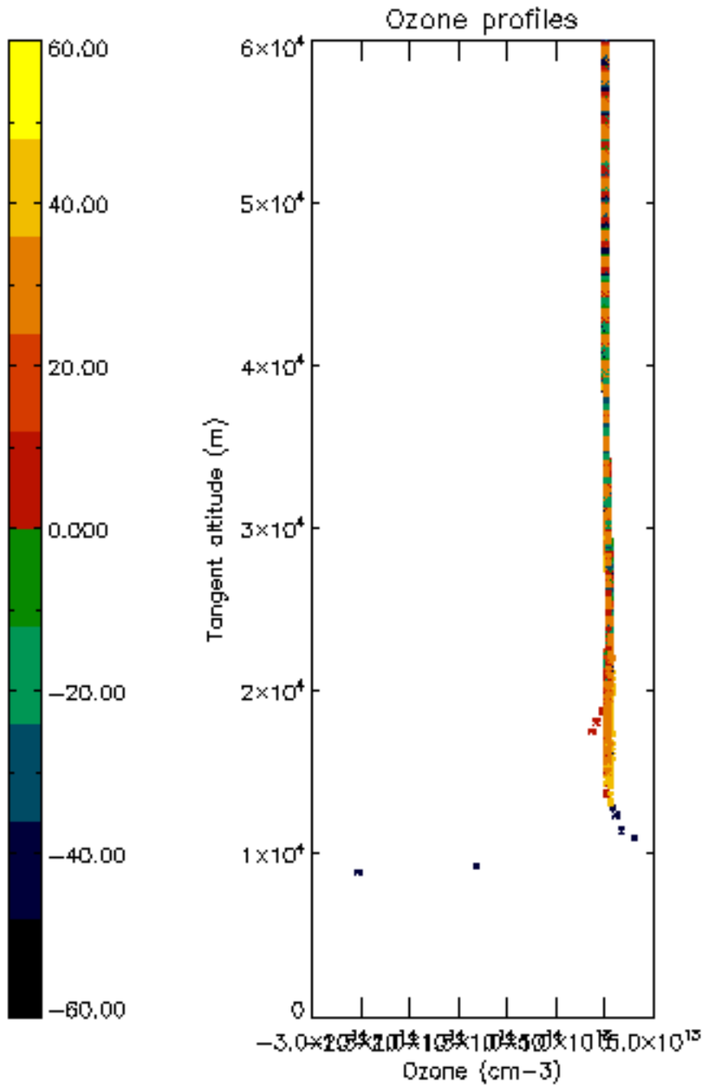

Percentage of star falling outside central band per profile
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90


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


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

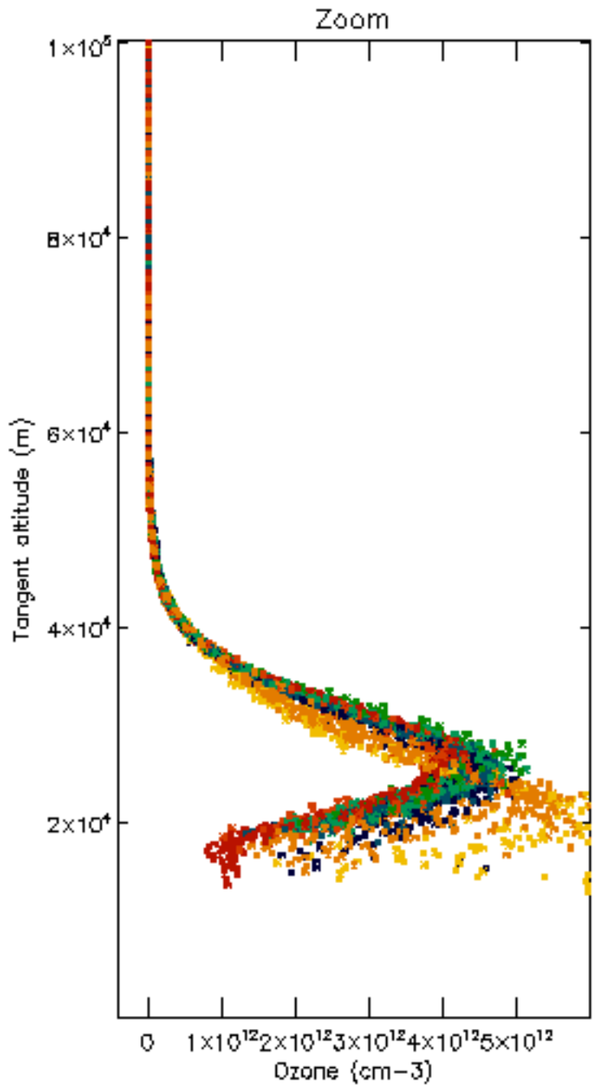

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0 1×10¹² 2×10¹² 3×10¹² 4×10¹² 5×10¹²
Ozone (cm−3)


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

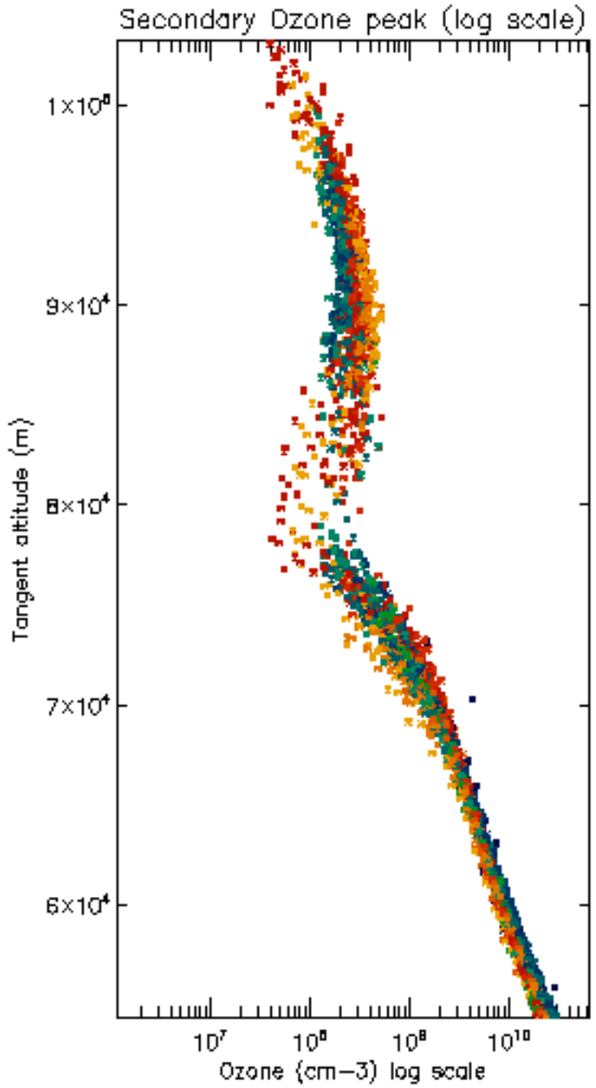


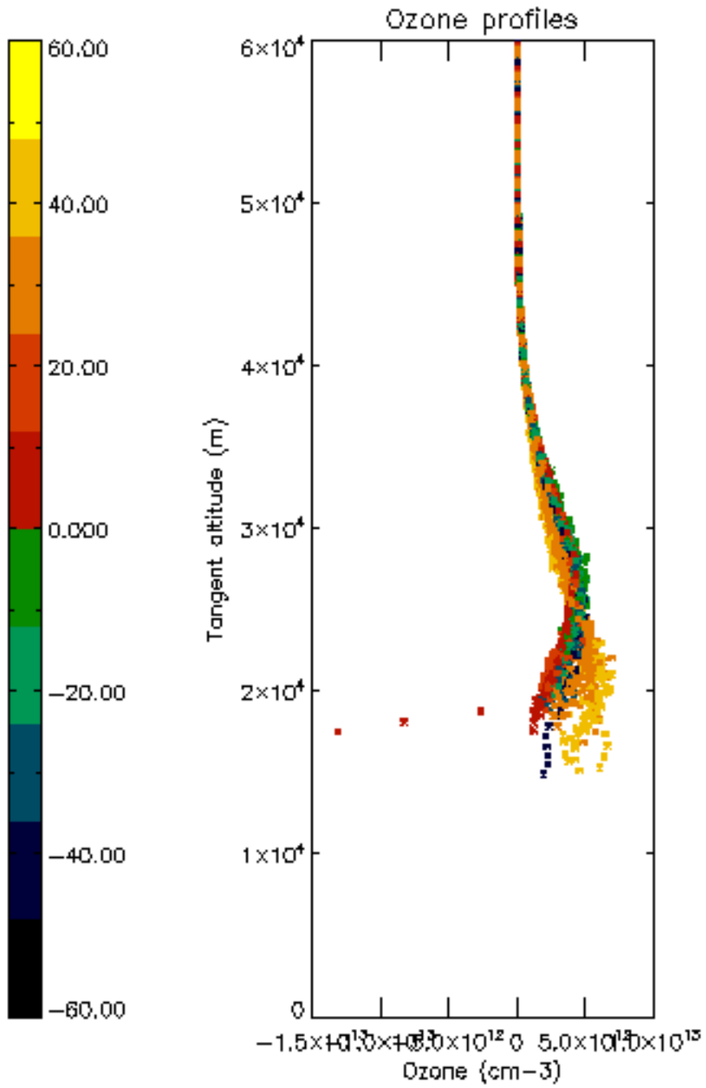
Ozone profiles

Zoom

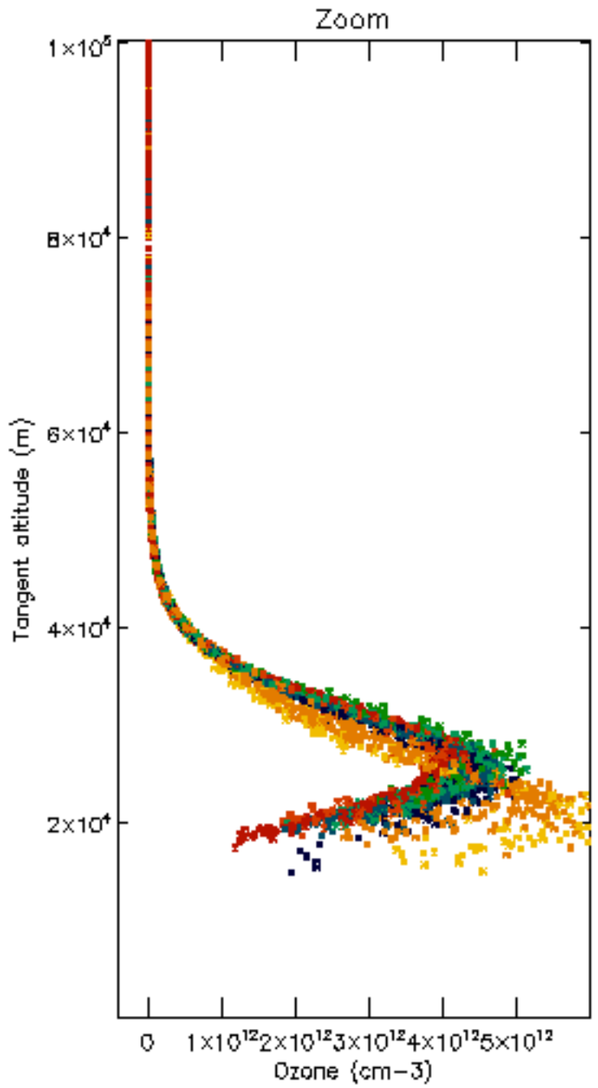


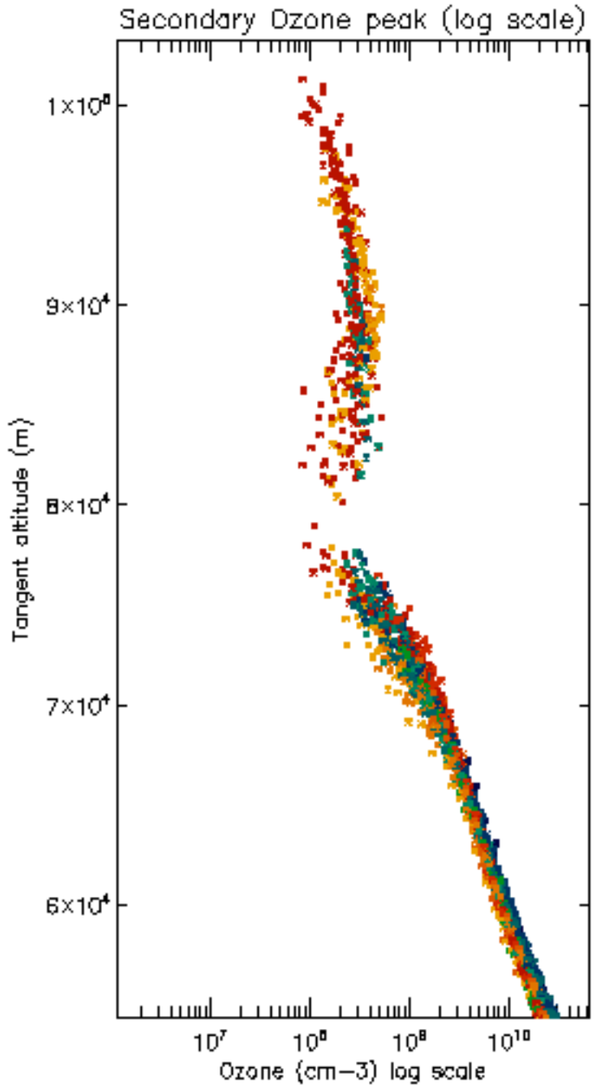
Secondary Ozone peak (log scale)

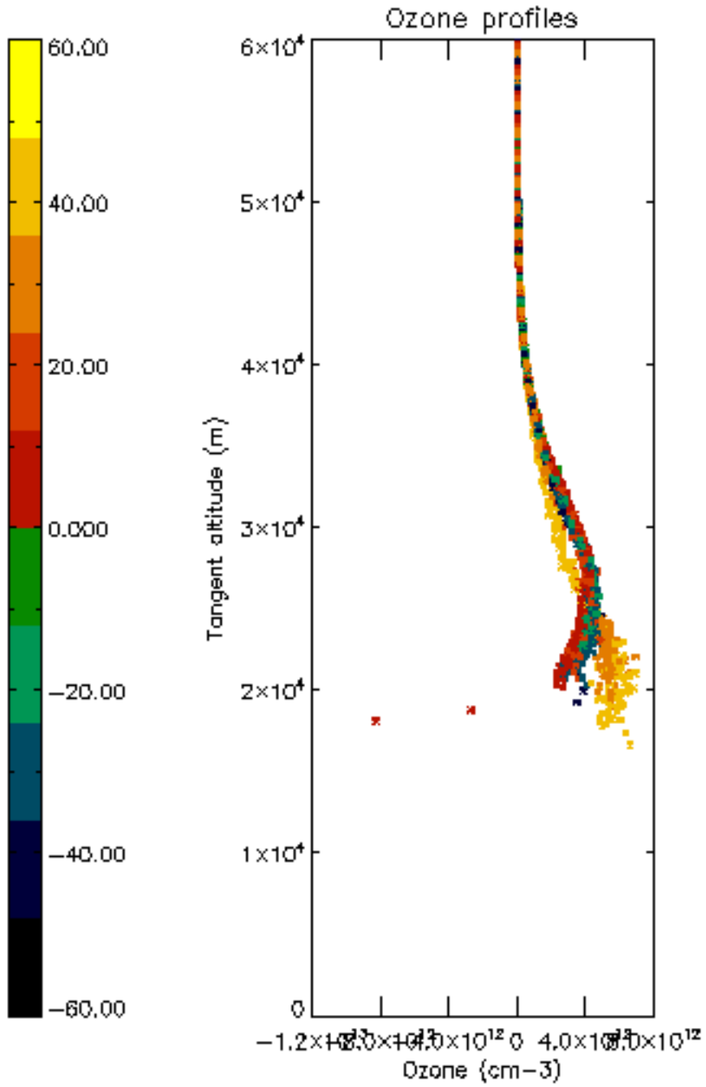


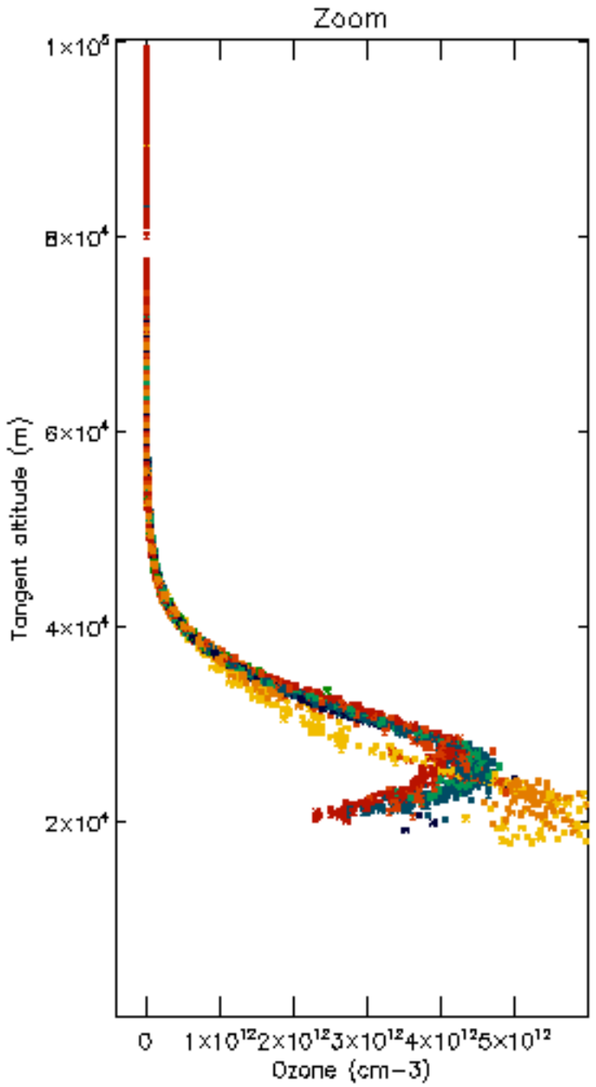

60.00
40.00
20.00
0.000
−20.00
−40.00
−60.00

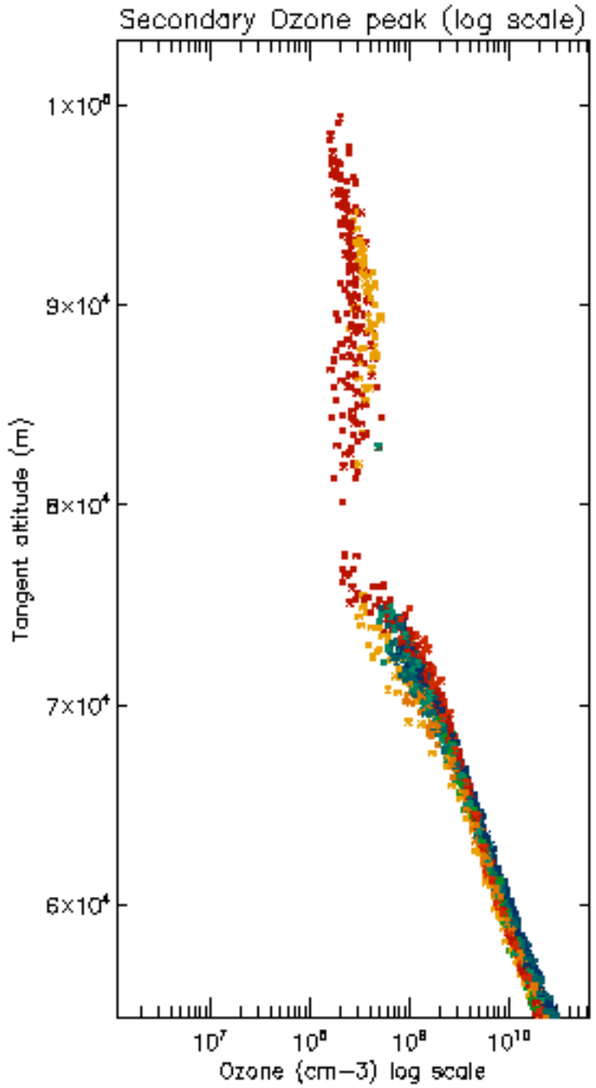
Ozone profiles
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
−1.5×10¹²
−1.0×10¹²
−5.0×10¹¹
0
5.0×10¹¹
1.0×10¹²
1.5×10¹²
Ozone (cm−3)

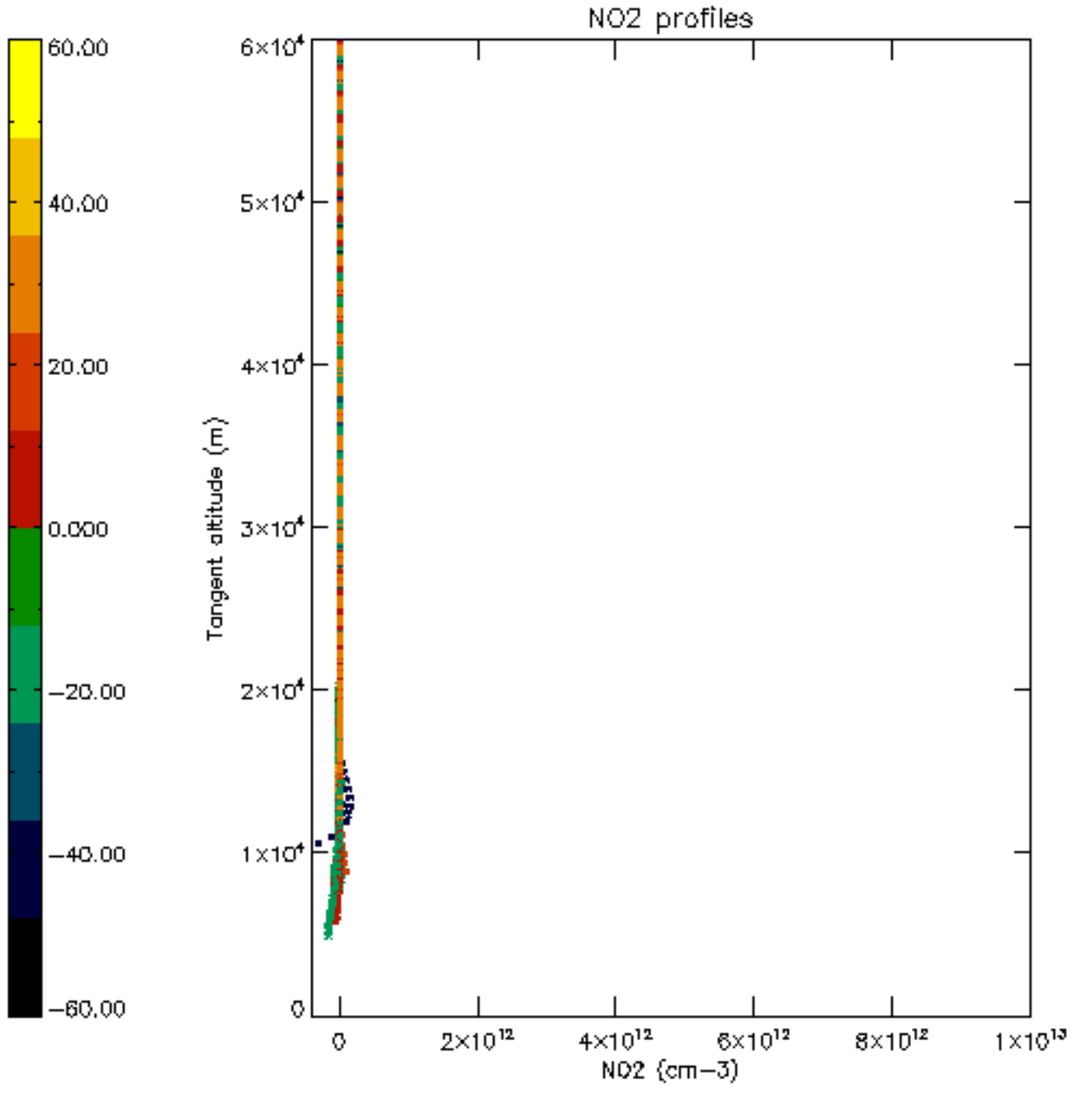

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)

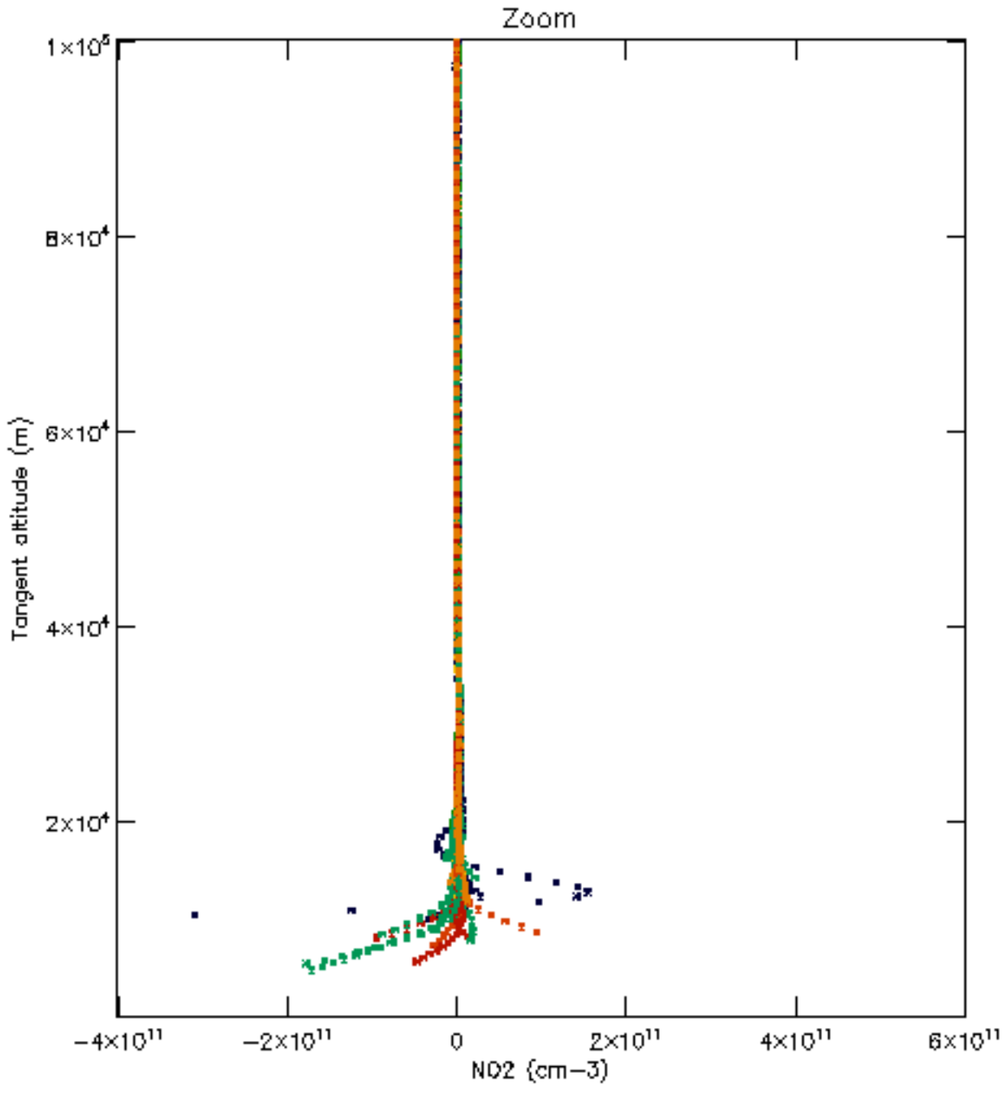

Secondary Ozone peak (log scale)
Tangent altitude (m)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
10⁷
10⁸
10⁹
10¹⁰
Ozone (cm−3) log scale

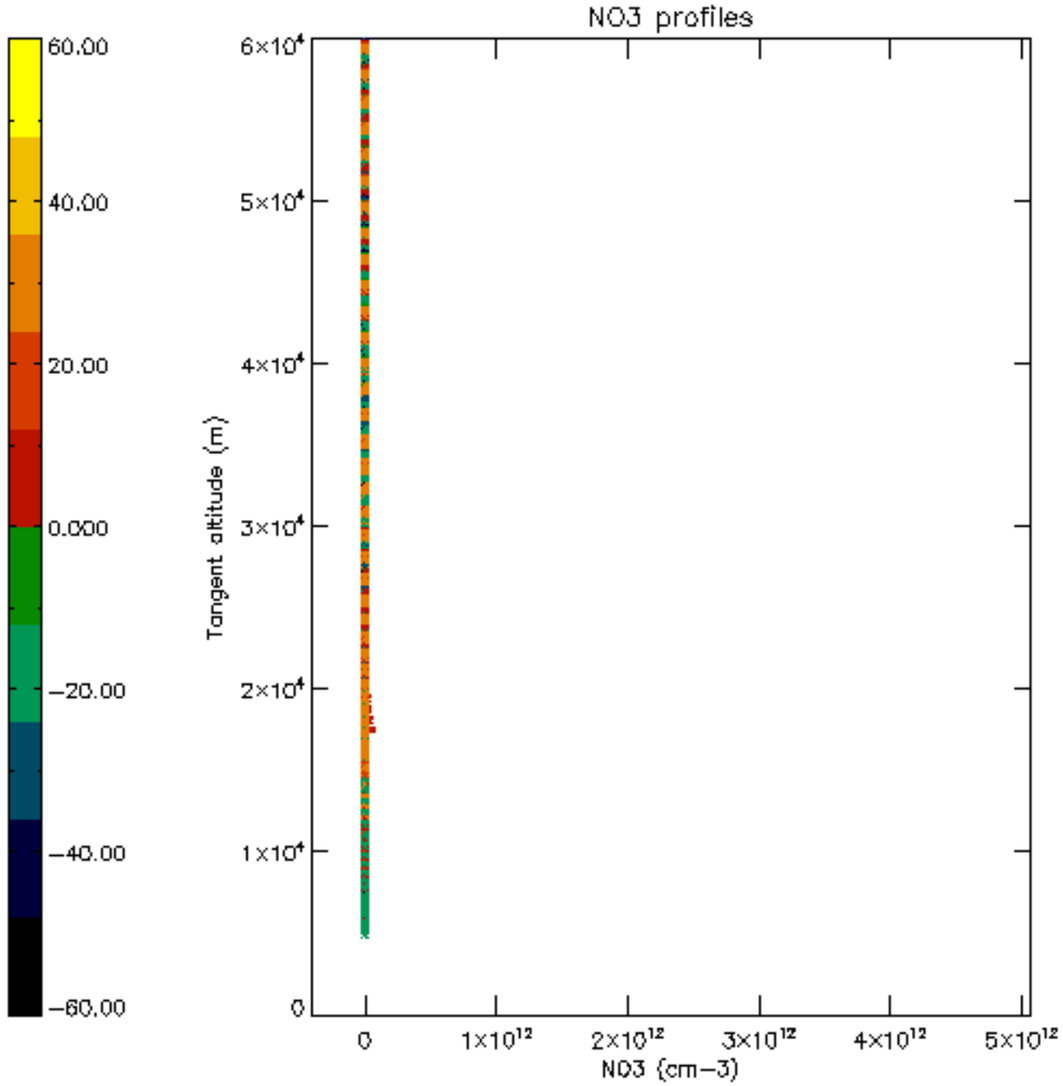

Ozone profiles
60.00
40.00
20.00
0.000
−20.00
−40.00
−60.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m
−1.2×10¹²
4.0×10¹²
Ozone (cm−3)

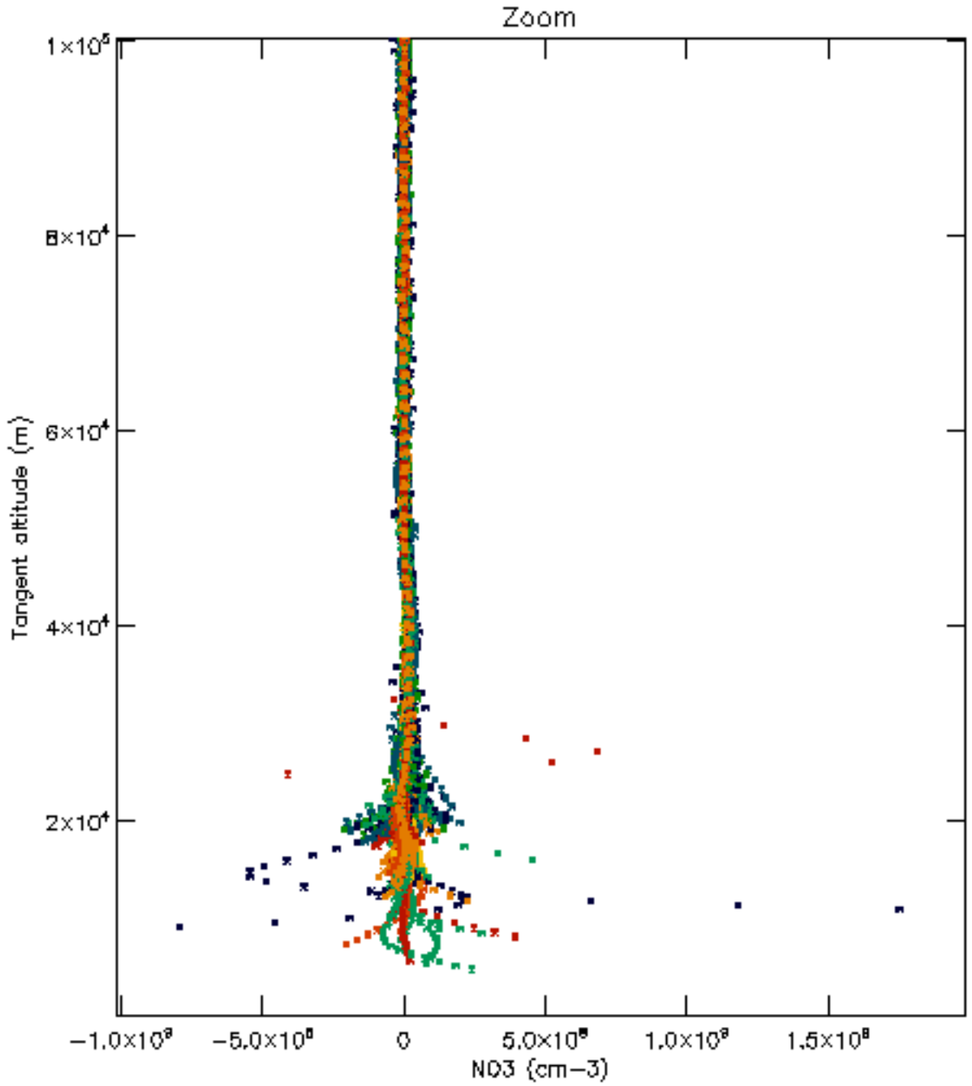

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)

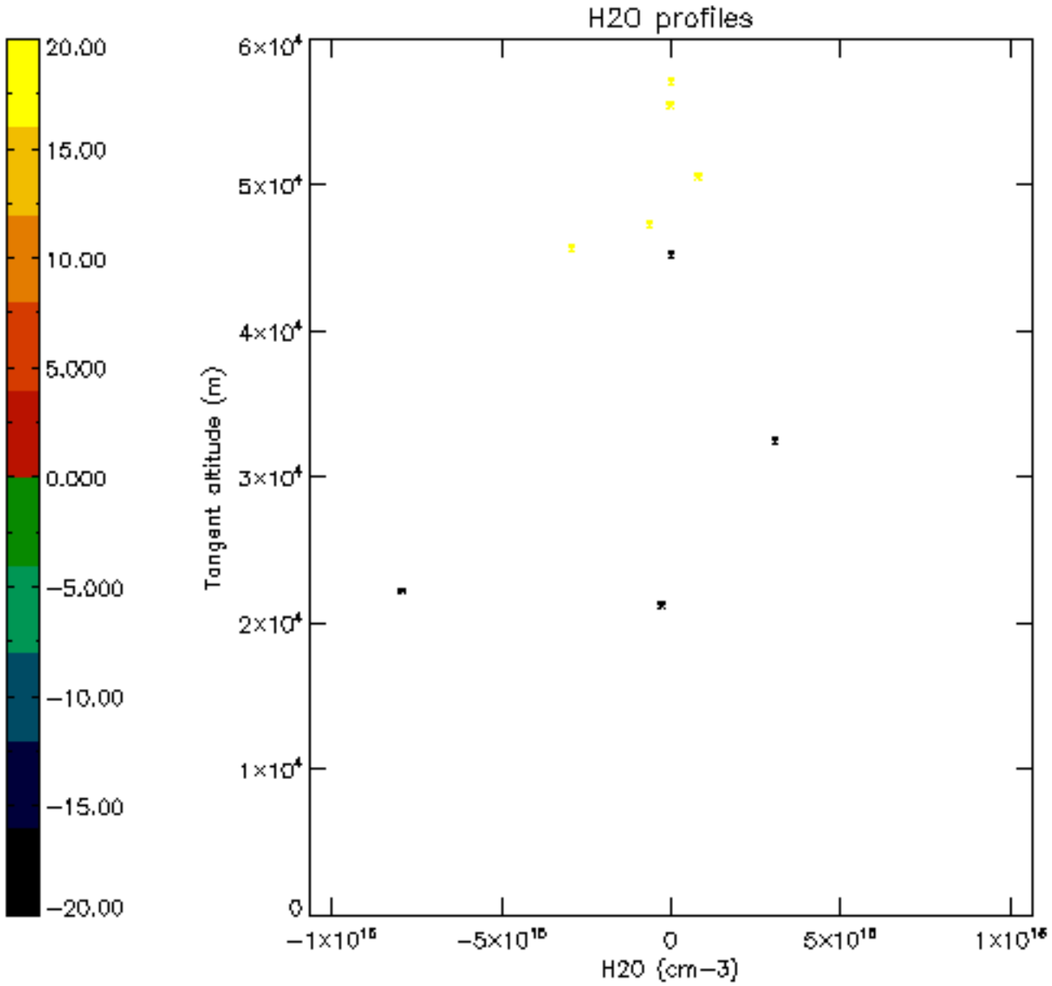

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m
10⁷
10⁸
10⁹
10¹⁰
Ozone (cm−3) log scale

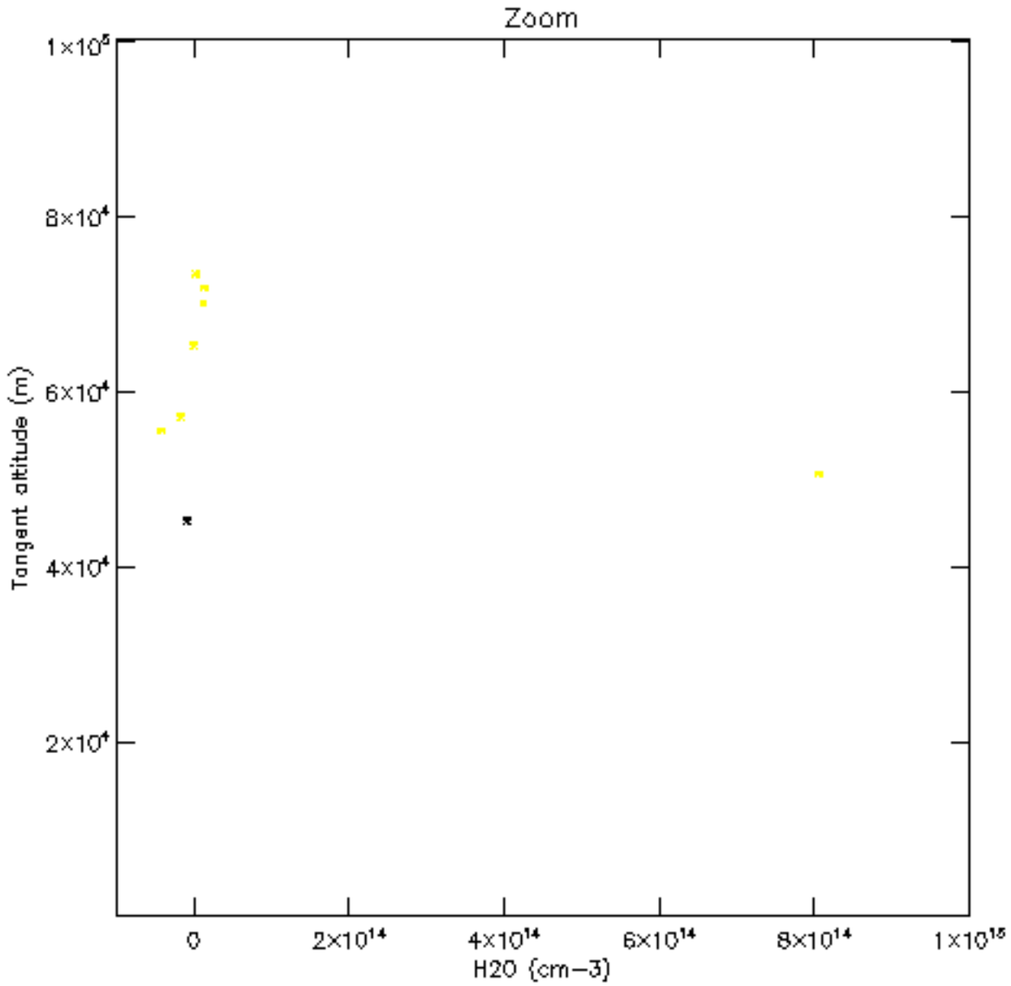

NO2 profiles
60.00
40.00
20.00
0.000
−20.00
−40.00
−60.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
2×10¹²
4×10¹²
6×10¹²
8×10¹²
1×10¹³
NO2 (cm−3)

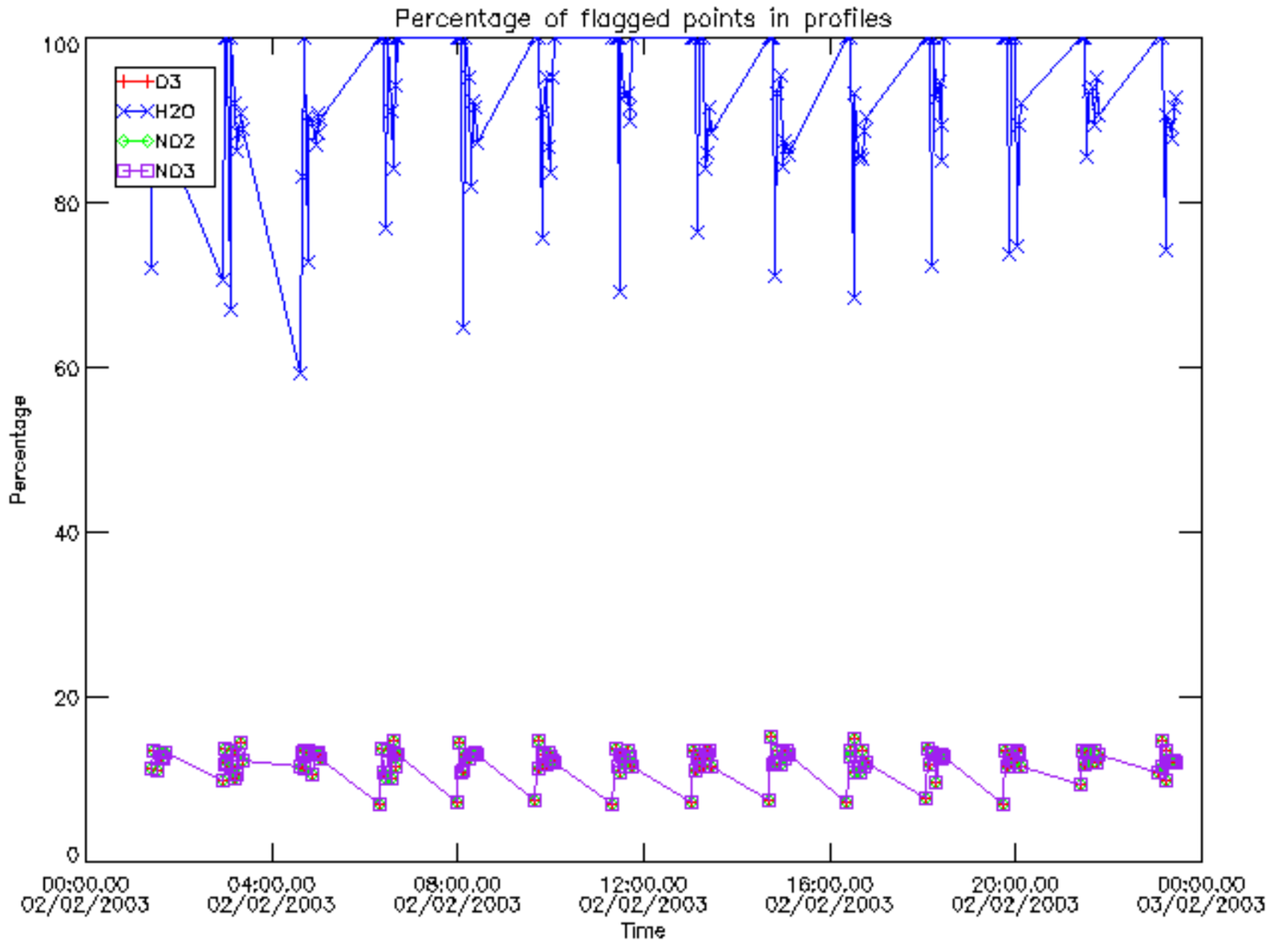

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
−4×10¹¹
−2×10¹¹
0
2×10¹¹
4×10¹¹
6×10¹¹
NO2 (cm−3)


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

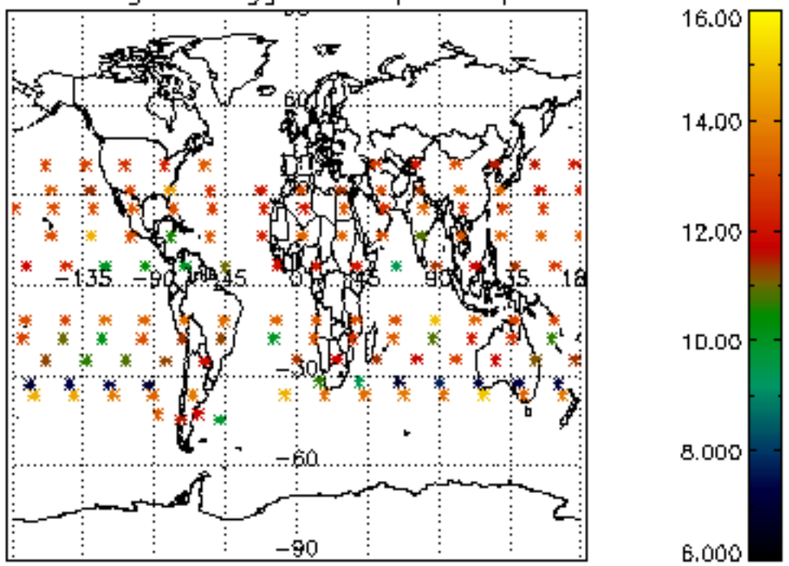

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
−1.0×10⁹
−5.0×10⁸
0
5.0×10⁸
1.0×10⁹
1.5×10⁹
NO3 (cm−3)


H2O profiles
20.00
15.00
10.00
5.000
0.000
−5.000
−10.00
−15.00
−20.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−1×10¹⁵
−5×10¹⁵
0
5×10¹⁵
1×10¹⁶
H2O (cm−3)

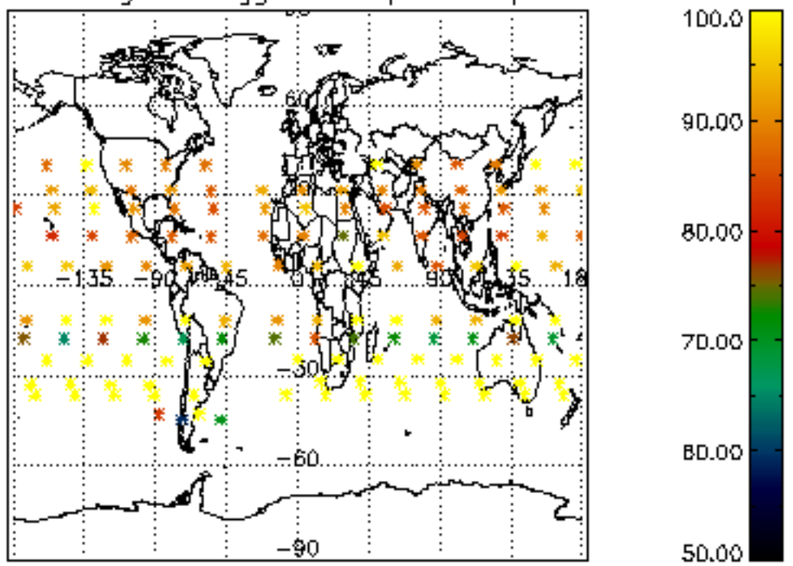

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
2×10¹⁴
4×10¹⁴
6×10¹⁴
8×10¹⁴
1×10¹⁵
H2O (cm−3)


Percentage of flagged points in profiles
O3
H2O
NO2
NO3
100
80
60
40
20
0
Percentage
00:00.00
02/02/2003
04:00.00
02/02/2003
08:00.00
02/02/2003
12:00.00
02/02/2003
16:00.00
02/02/2003
20:00.00
02/02/2003
00:00.00
03/02/2003
Time

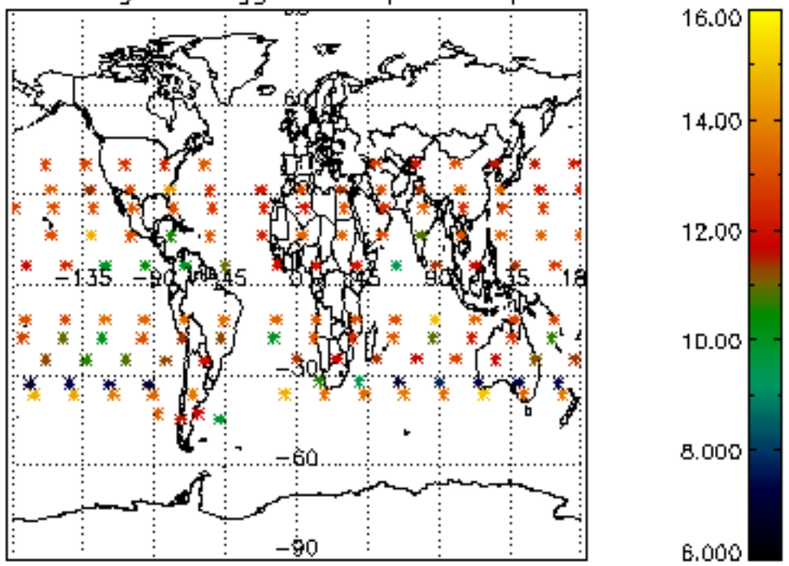
Percentage of flagged data per O3 profile



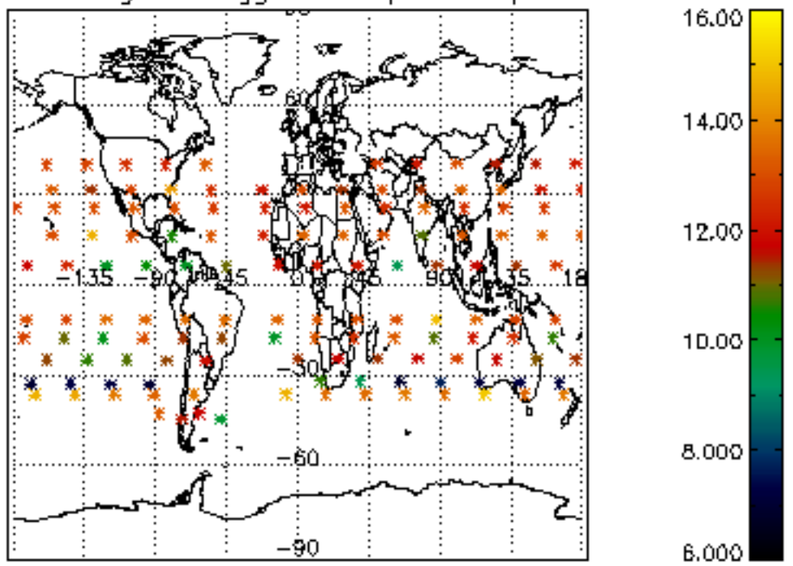
Percentage of flagged data per H2O profile

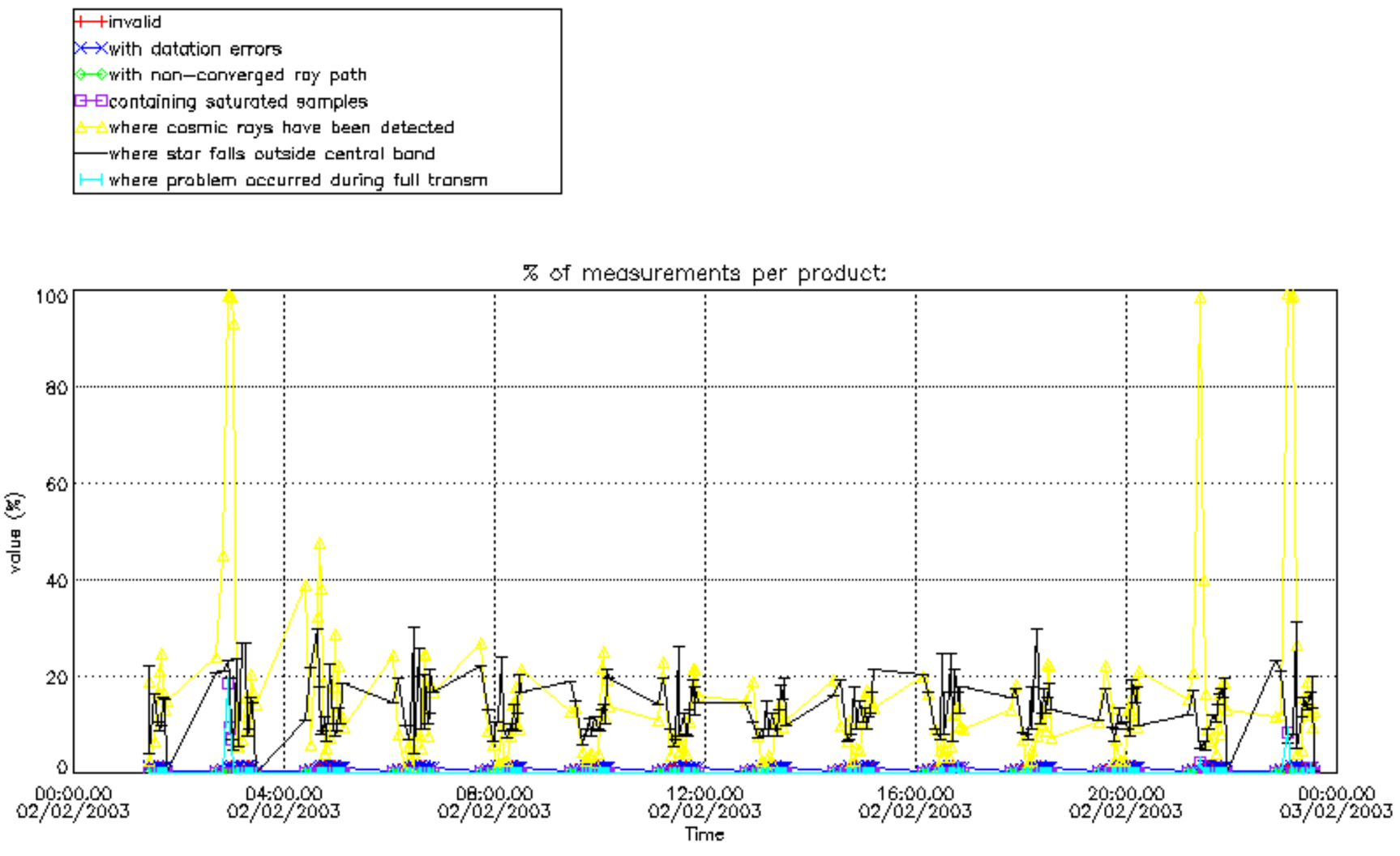


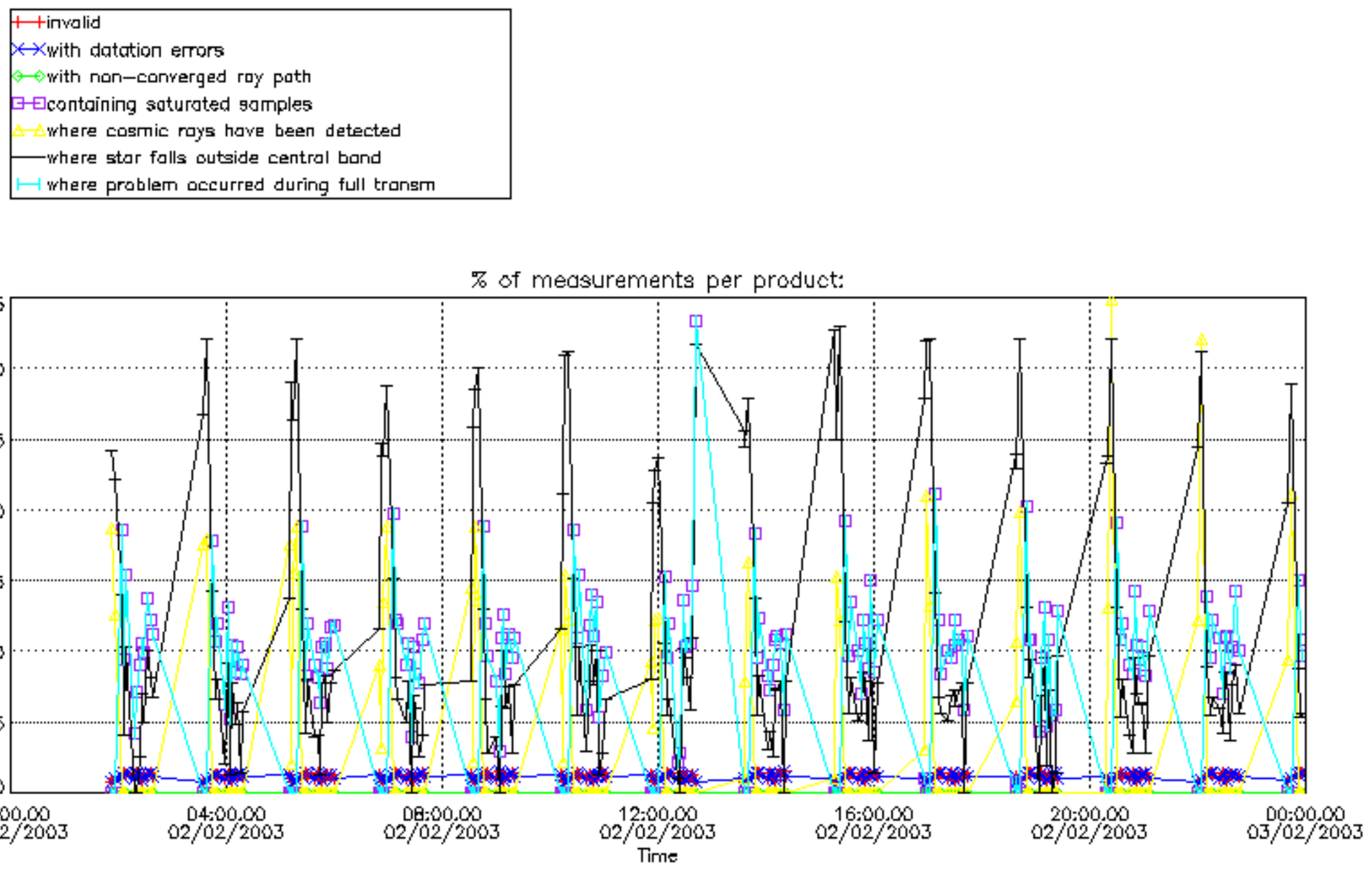
Percentage of flagged data per NO2 profile



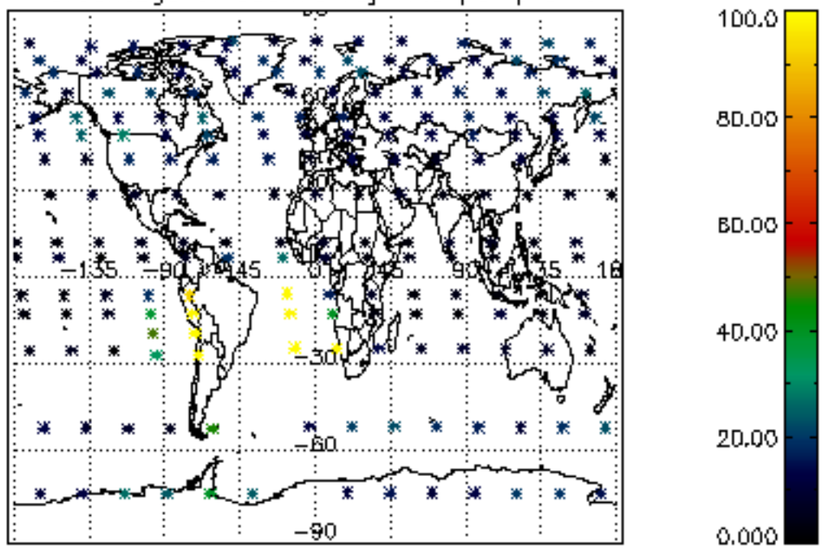
Percentage of flagged data per NO3 profile



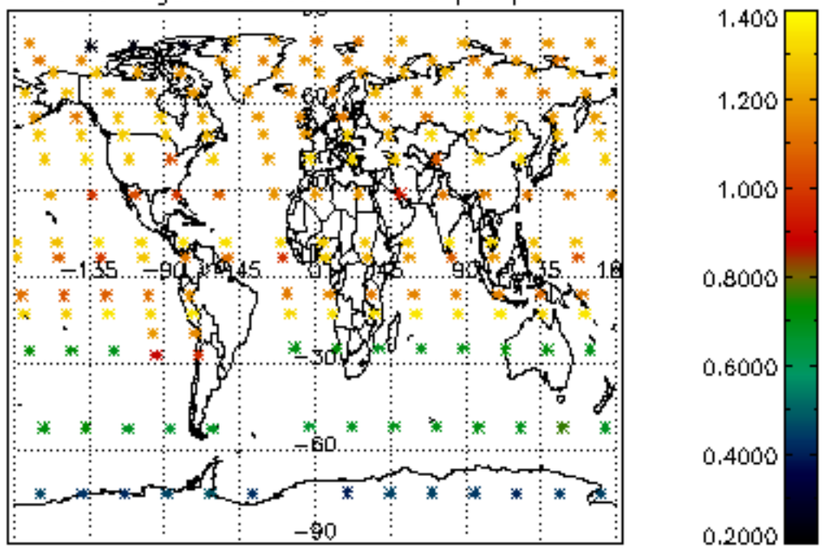

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
100
80
60
40
20
0
value (%)
00:00.00
02/02/2003
04:00.00
02/02/2003
08:00.00
02/02/2003
12:00.00
02/02/2003
16:00.00
02/02/2003
20:00.00
02/02/2003
00:00.00
03/02/2003
Time


invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
value (%)
0
5
10
15
20
25
30
35
00:00.00
02/02/2003
04:00.00
02/02/2003
08:00.00
02/02/2003
12:00.00
02/02/2003
16:00.00
02/02/2003
20:00.00
02/02/2003
00:00.00
03/02/2003
Time

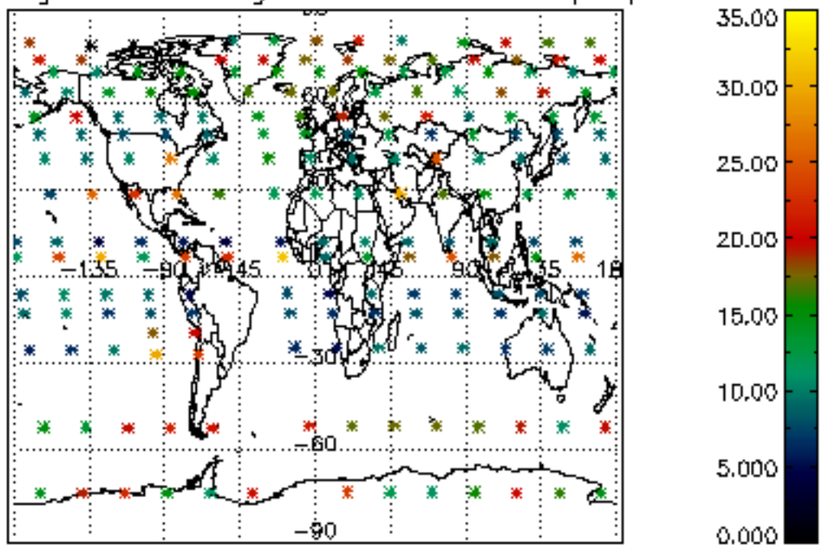
Percentage of cosmic ray hits per profile



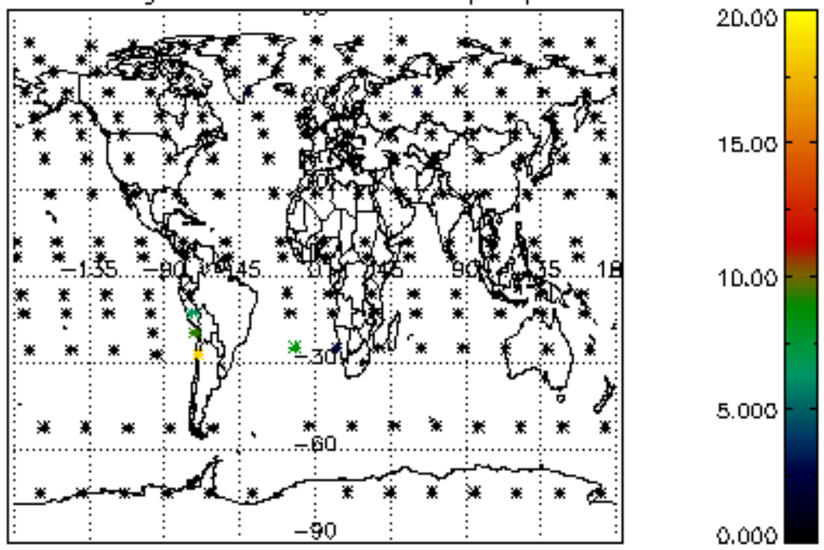
Percentage of datation errors per profile

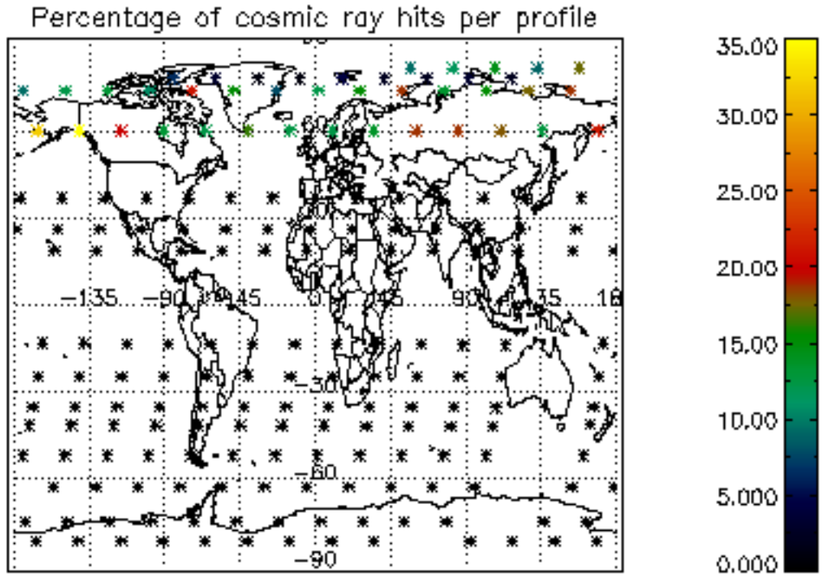


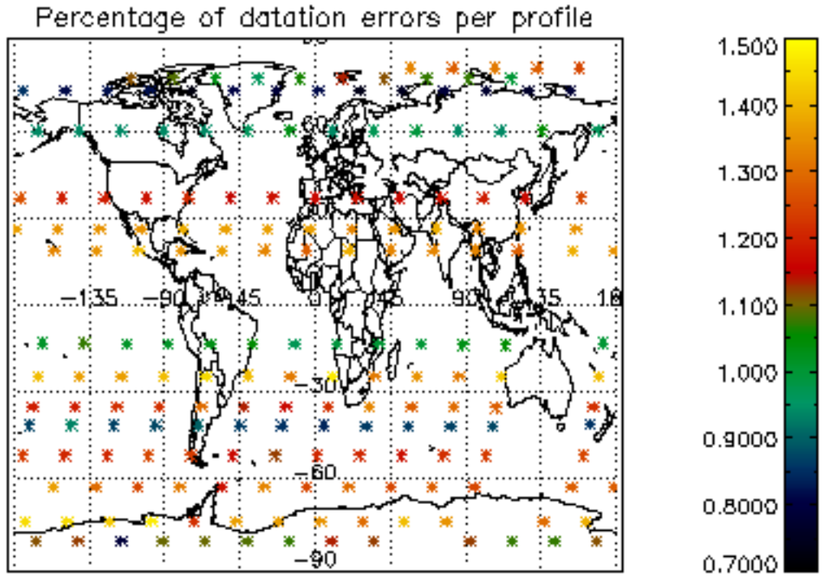
Percentage of star falling outside central band per profile

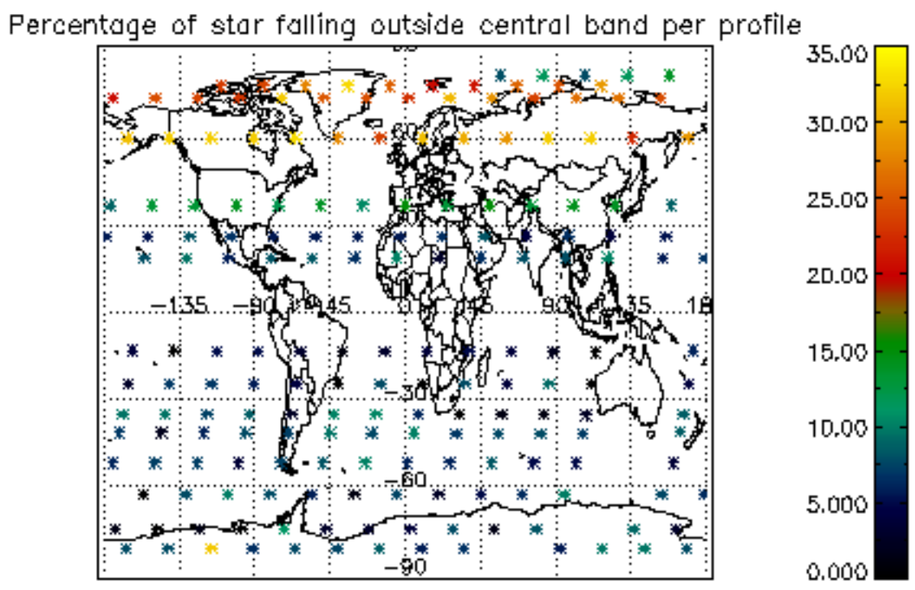


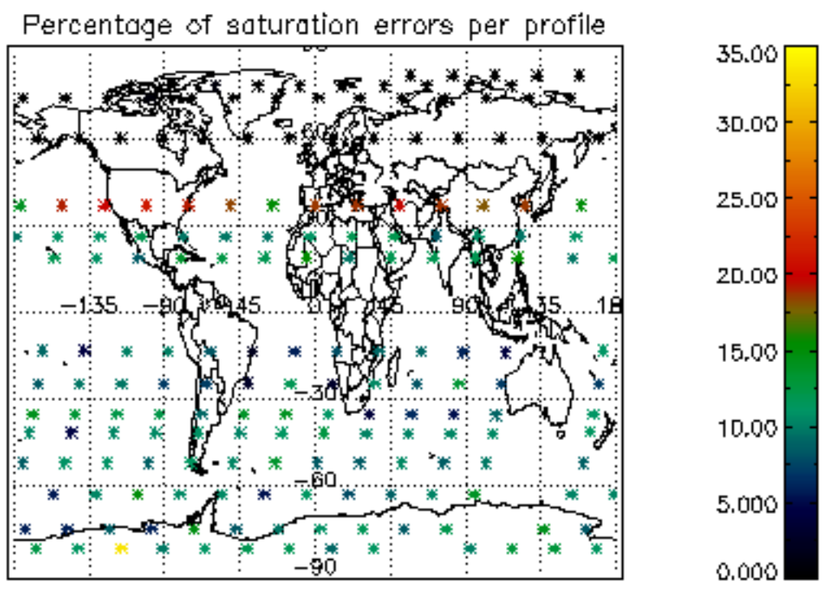
Percentage of saturation errors per profile

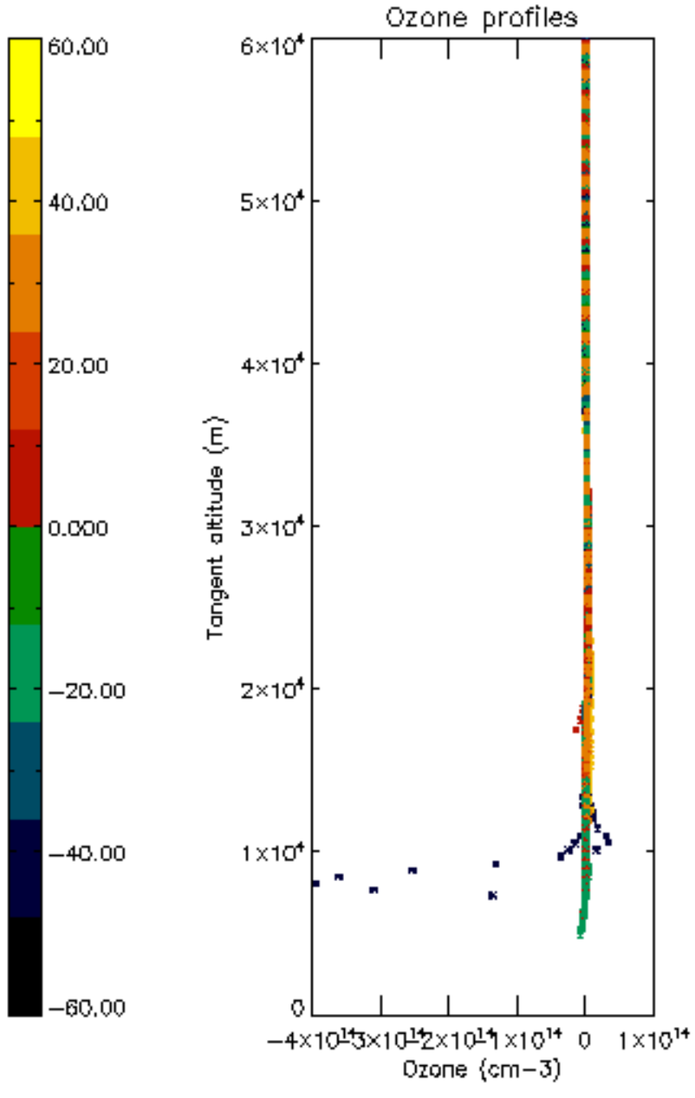


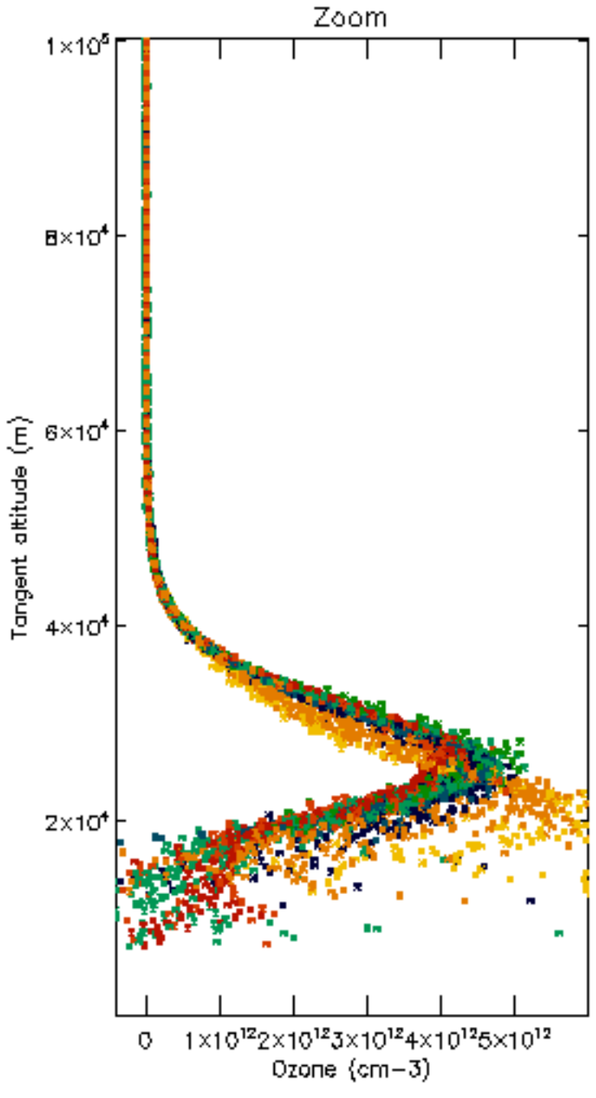

Percentage of cosmic ray hits per profile
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

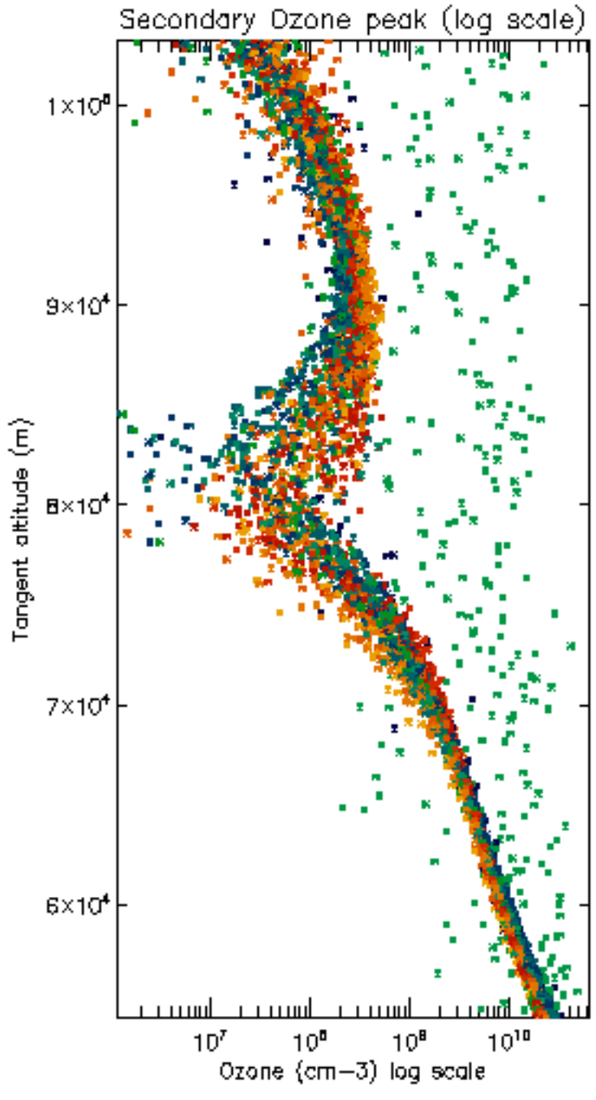

Percentage of datation errors per profile
1.500
1.400
1.300
1.200
1.100
1.000
0.9000
0.8000
0.7000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

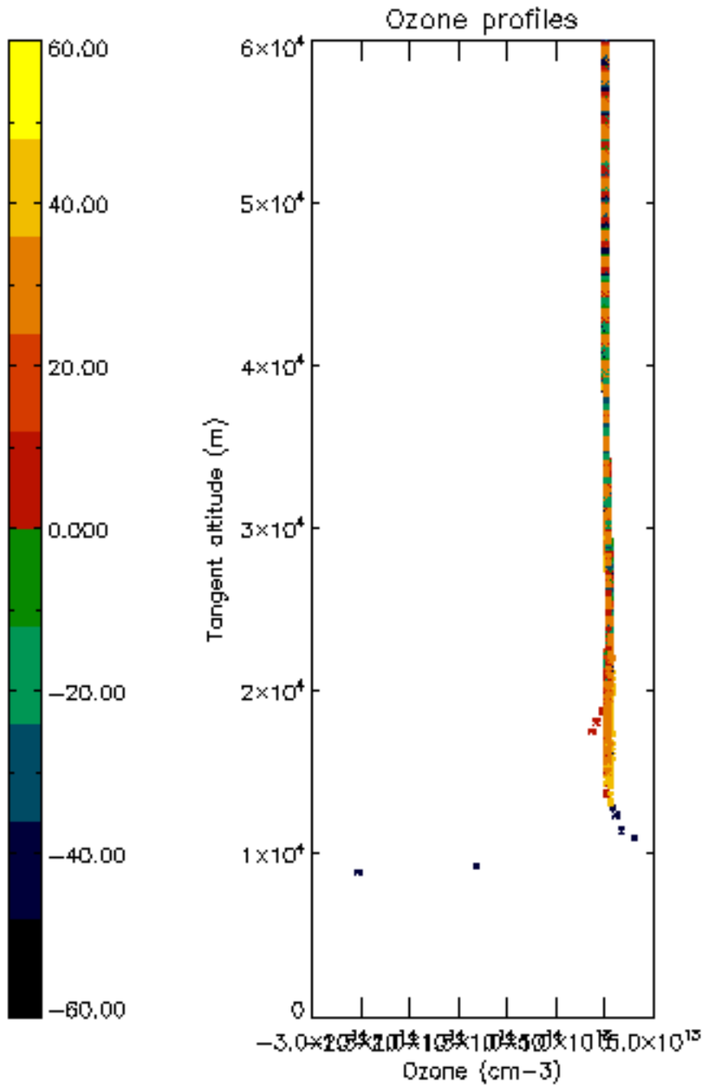

Percentage of star falling outside central band per profile
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90


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


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

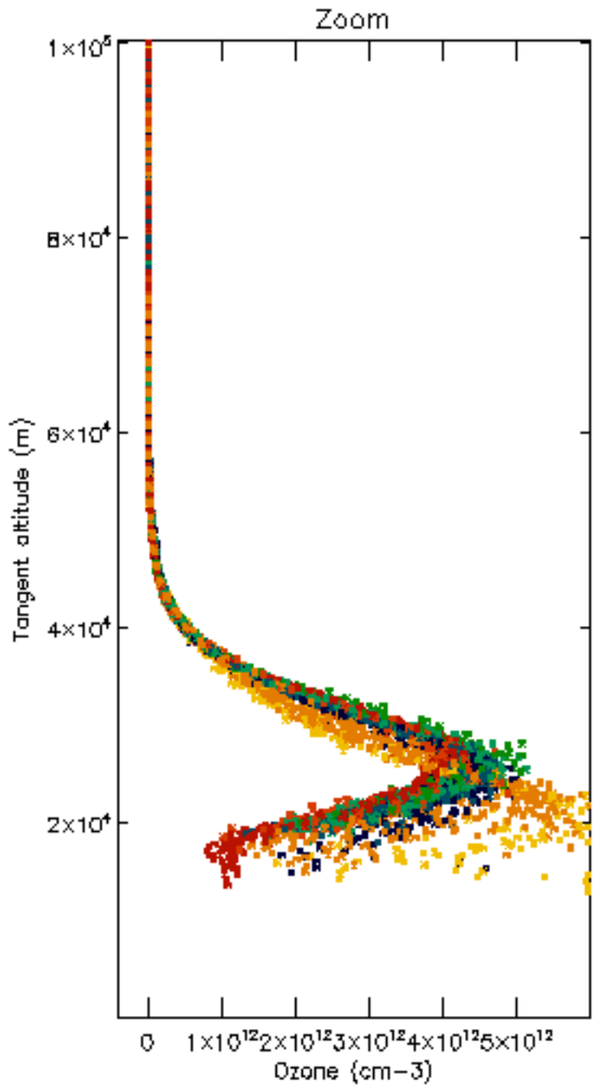

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0 1×10¹² 2×10¹² 3×10¹² 4×10¹² 5×10¹²
Ozone (cm−3)


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

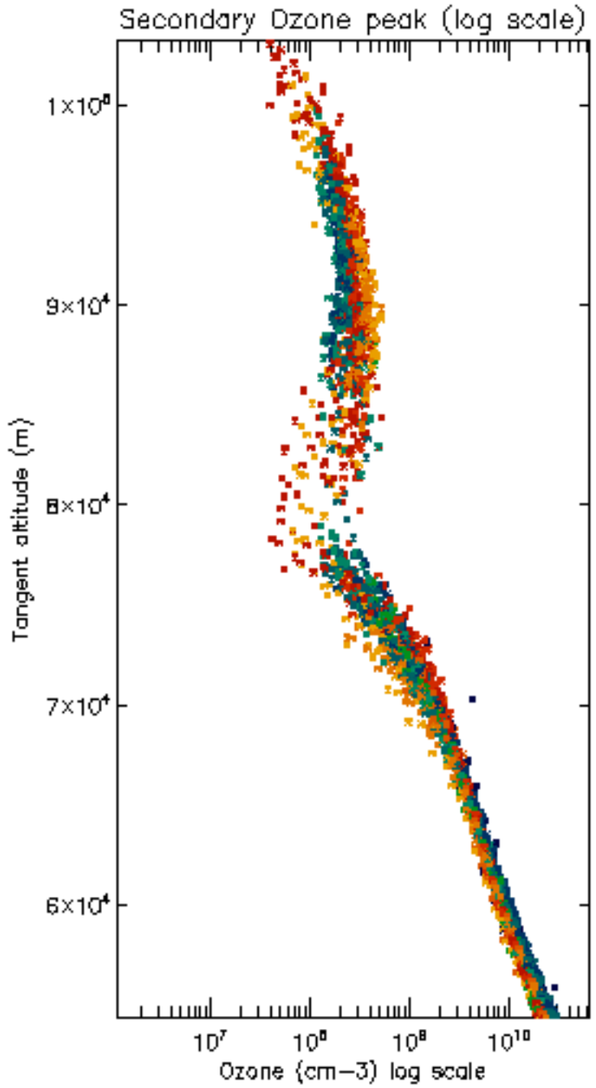


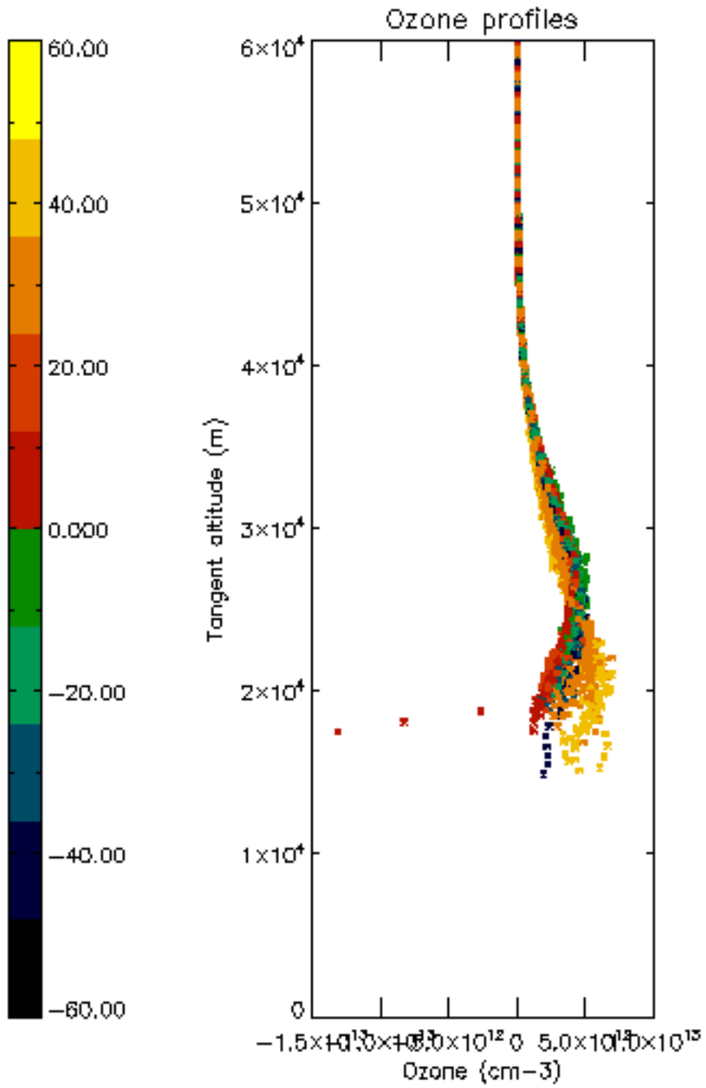
Ozone profiles

Zoom

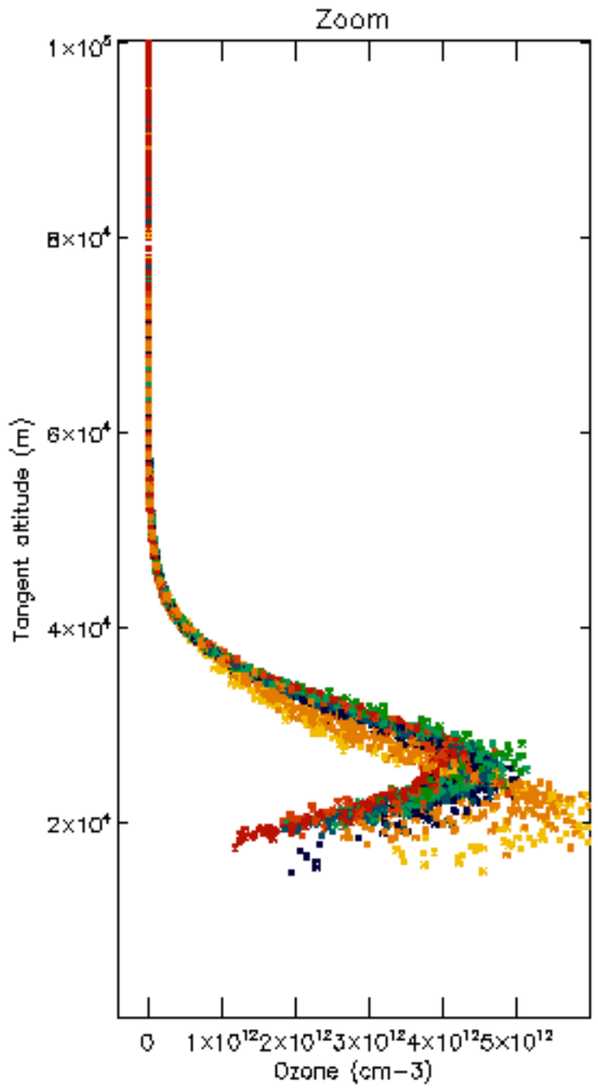


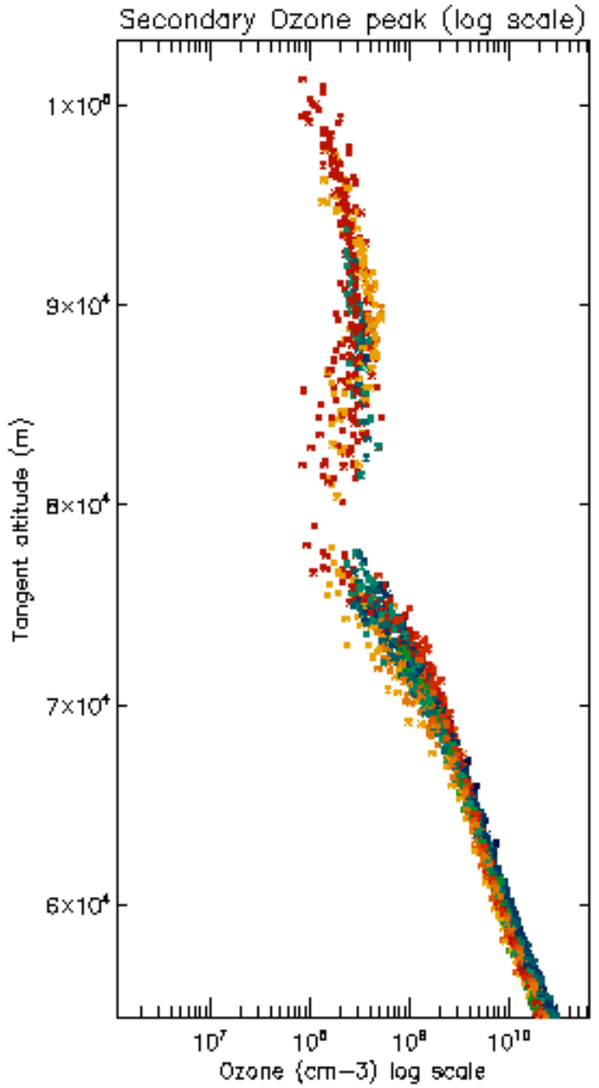
Secondary Ozone peak (log scale)

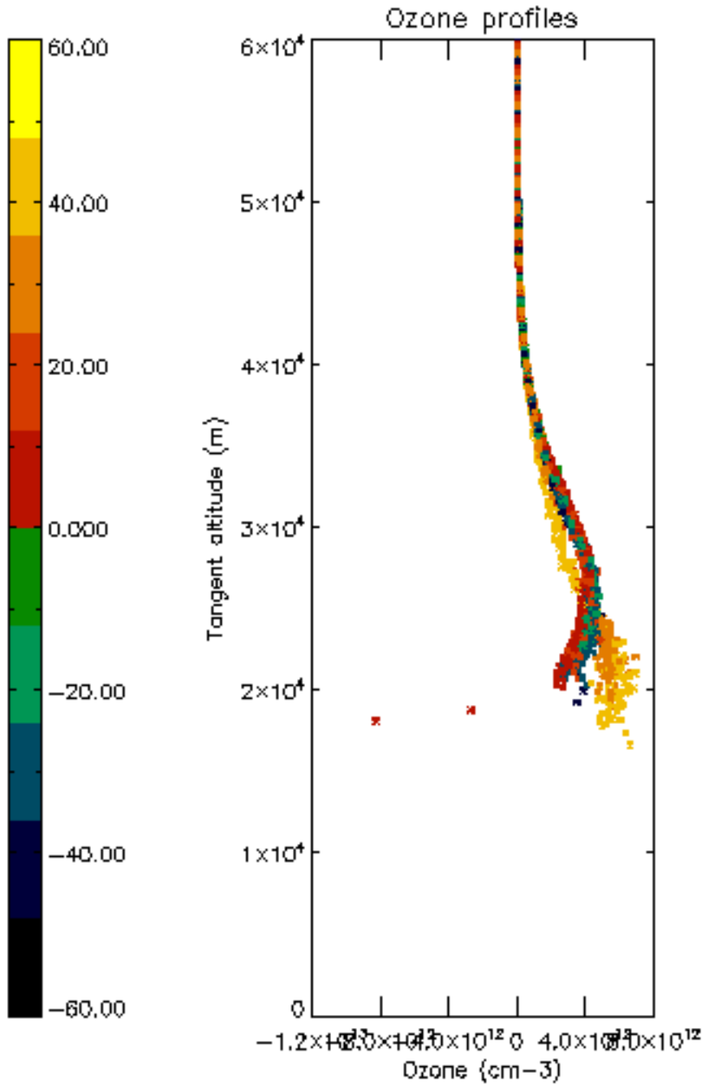


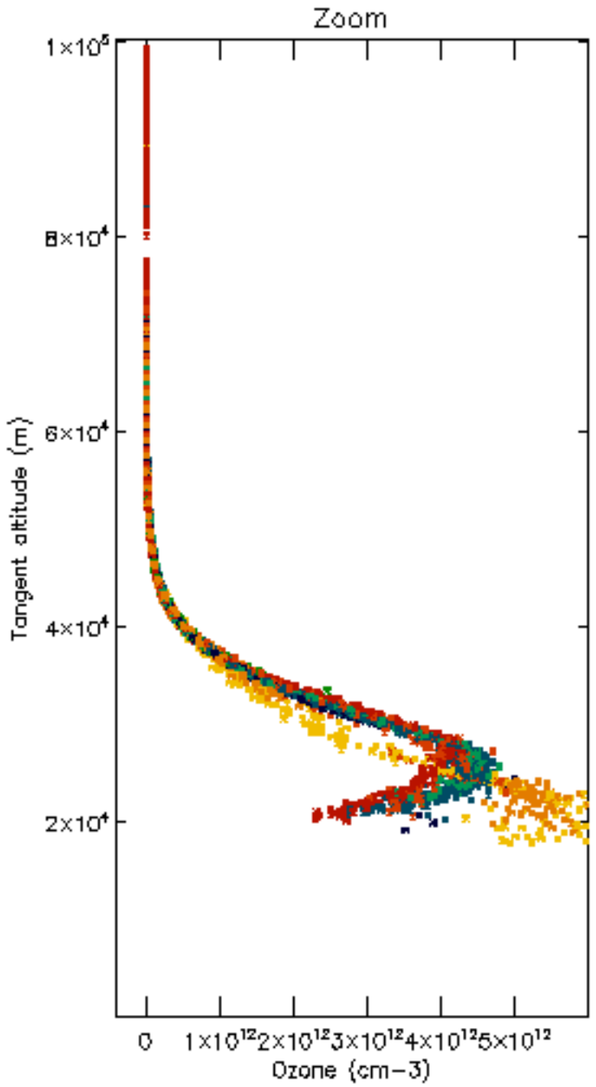

60.00
40.00
20.00
0.000
−20.00
−40.00
−60.00

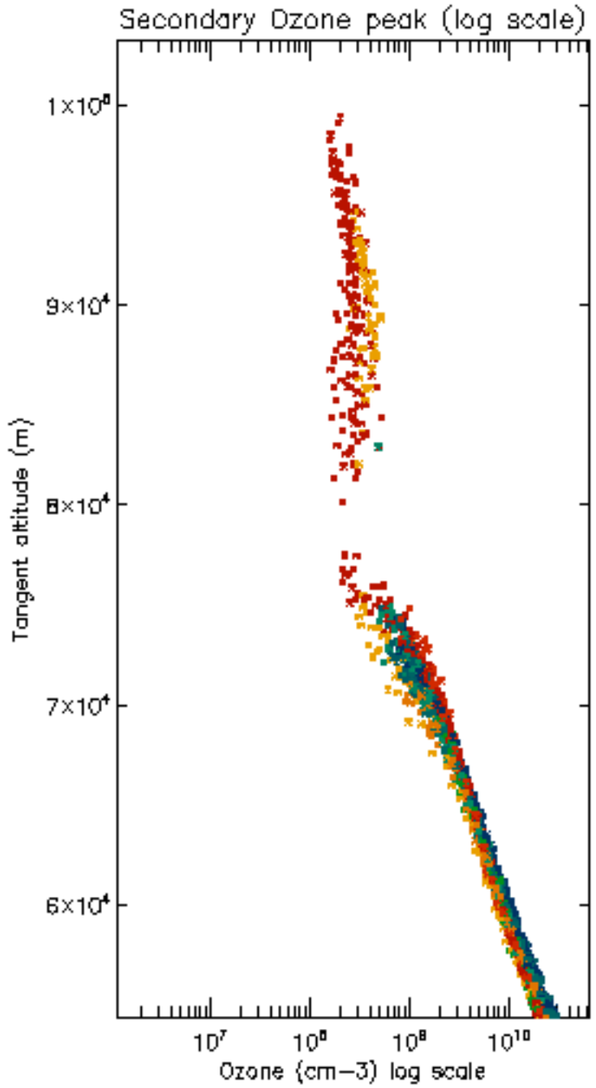
Ozone profiles
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
−1.5×10¹²
−1.0×10¹²
−5.0×10¹¹
0
5.0×10¹¹
1.0×10¹²
1.5×10¹²
Ozone (cm−3)

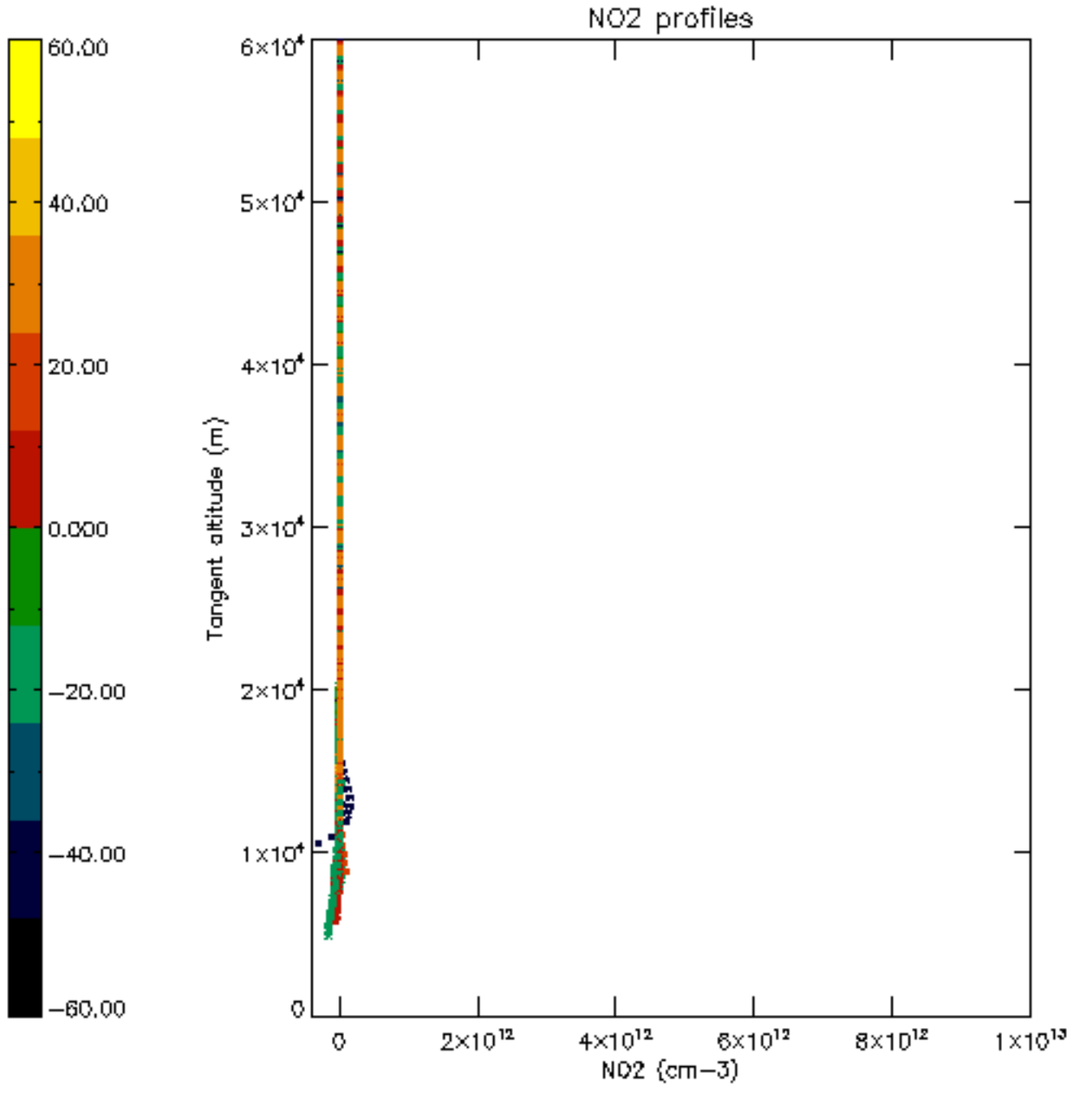

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)

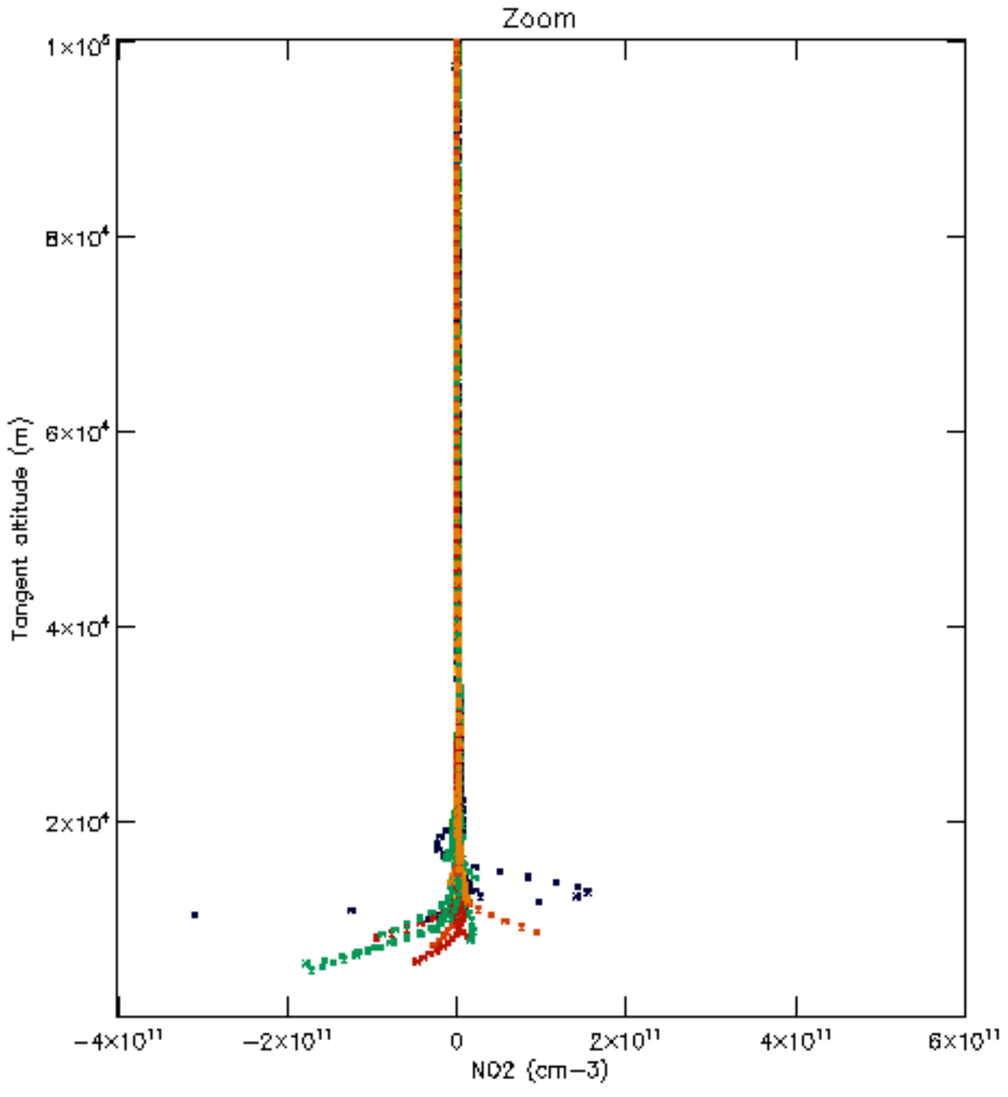

Secondary Ozone peak (log scale)
Tangent altitude (m)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
10⁷
10⁸
10⁹
10¹⁰
Ozone (cm−3) log scale

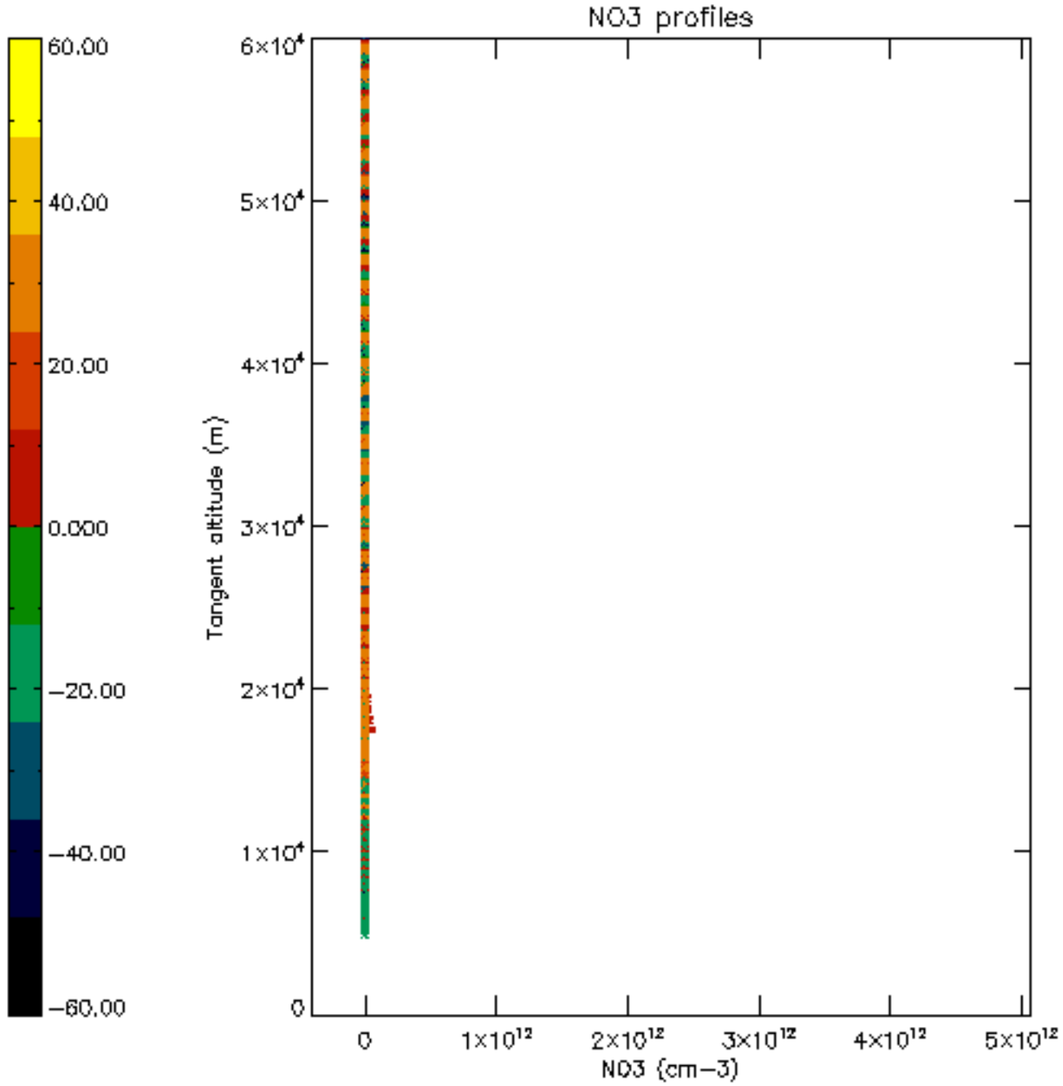

Ozone profiles
60.00
40.00
20.00
0.000
−20.00
−40.00
−60.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m
−1.2×10¹²
4.0×10¹²
Ozone (cm−3)

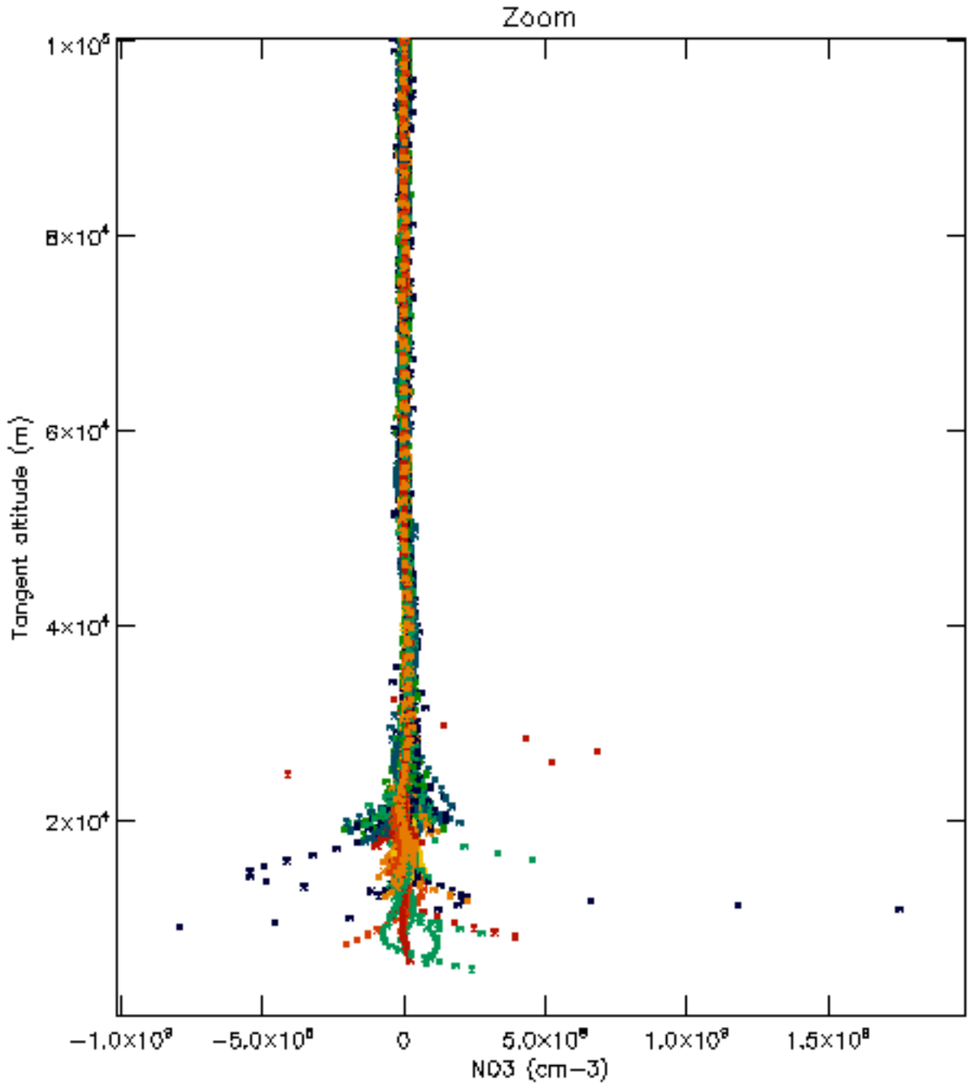

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)

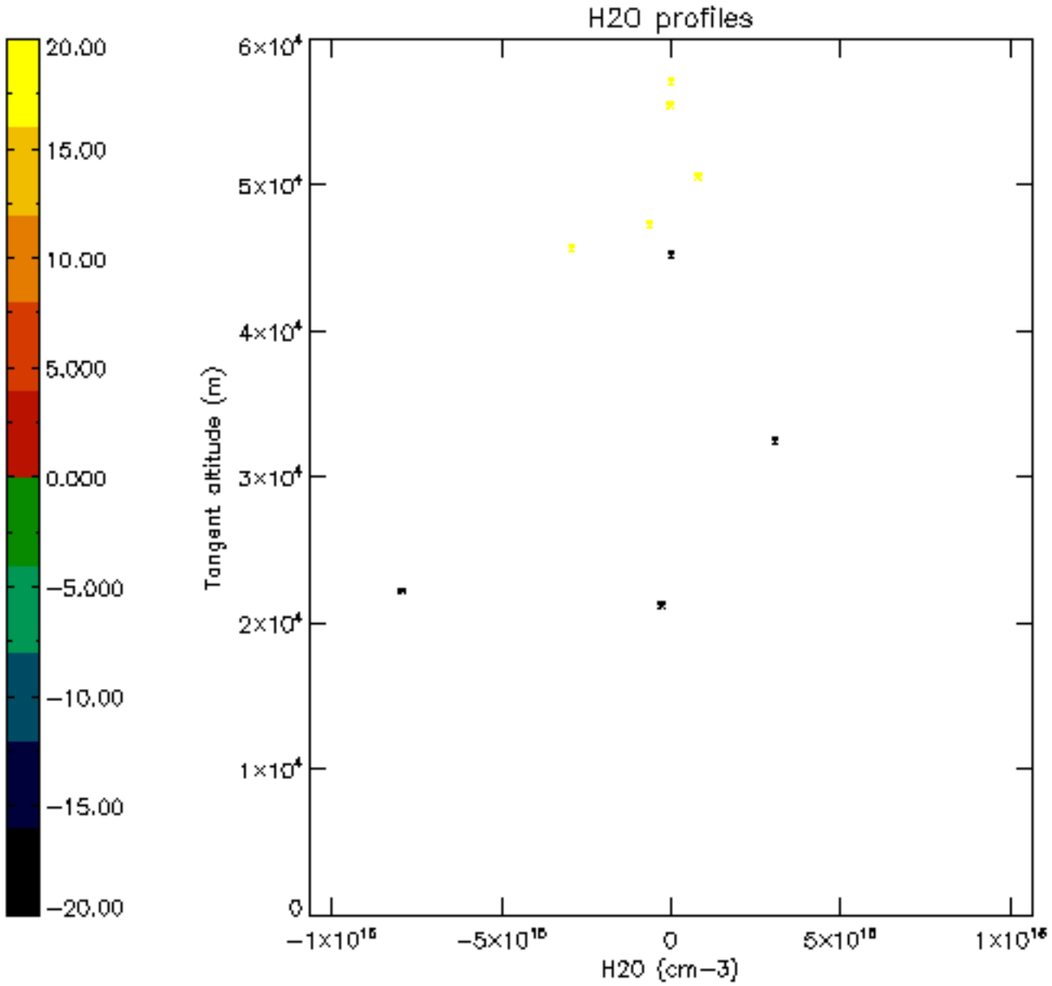

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m
10⁷
10⁸
10⁹
10¹⁰
Ozone (cm−3) log scale

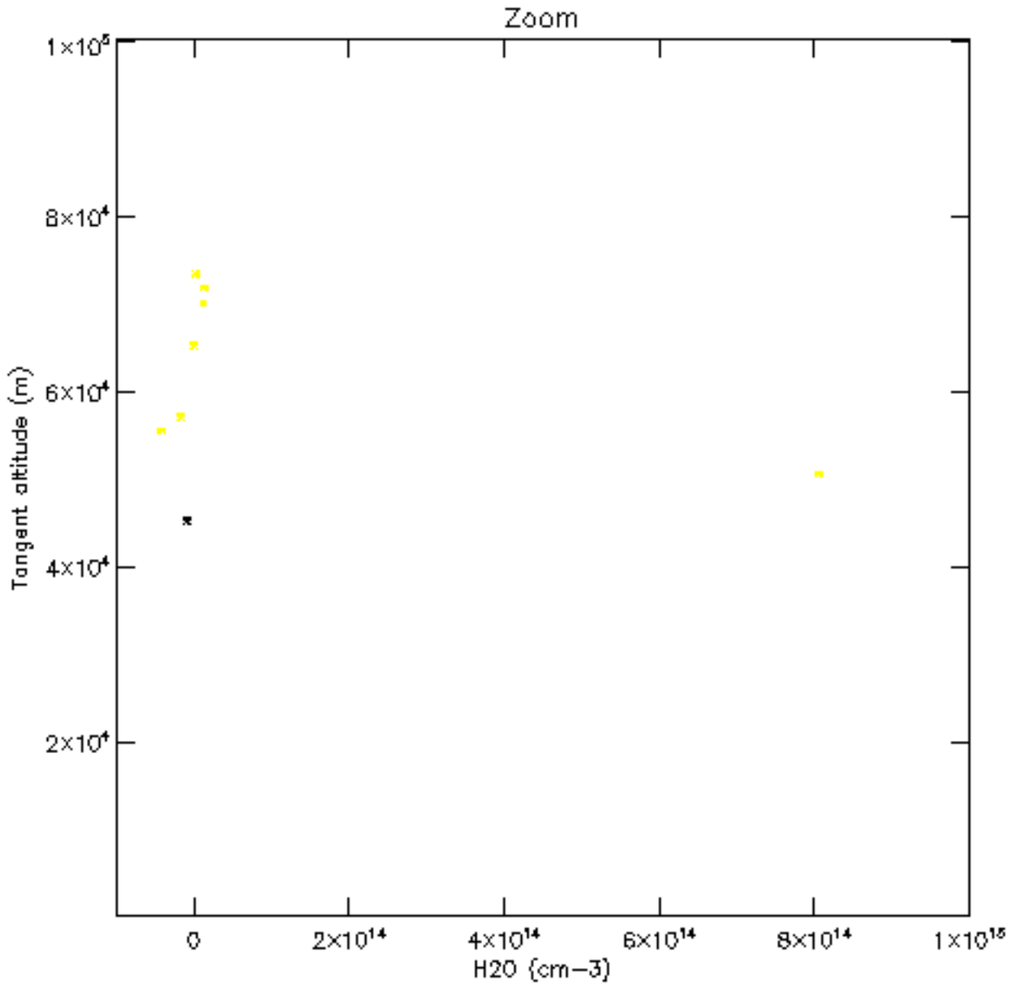

NO2 profiles
60.00
40.00
20.00
0.000
−20.00
−40.00
−60.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
2×10¹²
4×10¹²
6×10¹²
8×10¹²
1×10¹³
NO2 (cm−3)


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


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


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


H2O profiles
20.00
15.00
10.00
5.000
0.000
−5.000
−10.00
−15.00
−20.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−1×10¹⁵
−5×10¹⁵
0
5×10¹⁵
1×10¹⁶
H2O (cm−3)


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