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 01:17:19
Data source version	GOMOS/6.01
Start time of products	04-05-2004 (04MAY2004 00:00:00)
Stop time of products	05-05-2004 (05MAY2004 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	305
Nb of prods with errors	1

2. Summary of processed GOM_NL__2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20040504_000425_000000752026_00302_11378_2161.N1	04-MAY-2004 00:04:25	Dark	74.500	61	8Eps Peg	2.1000	3900.0	149	11378	No
2	GOM_NL__2PRFIN20040504_000719_000000462026_00302_11378_2162.N1	04-MAY-2004 00:07:19	Dark	45.500	52	16Bet Cet	2.0370	4500.0	91	11378	No
3	GOM_NL__2PRFIN20040504_001236_000000472026_00302_11378_2163.N1	04-MAY-2004 00:12:36	Dark	46.500	18	24Alp PsA	1.1660	9700.0	93	11378	No
4	GOM_NL__2PRFIN20040504_001824_000000432026_00302_11378_2164.N1	04-MAY-2004 00:18:24	Dark	43.000	31	Alp Gru	1.7340	15200.	86	11378	No
5	GOM_NL__2PRFIN20040504_002050_000000502026_00303_11379_2134.N1	04-MAY-2004 00:20:50	Dark	49.500	148	Alp Tuc	2.8780	4100.0	99	11379	No
6	GOM_NL__2PRFIN20040504_020434_000000442026_00304_11380_2134.N1	04-MAY-2004 02:04:34	Dark	43.500	45	Alp Pav	1.9400	26000.	87	11380	No
7	GOM_NL__2PRFIN20040504_021055_000000402026_00304_11380_2135.N1	04-MAY-2004 02:10:55	Straylight	40.000	43	Alp TrA	1.9100	4250.0	80	11380	No
8	GOM_NL__2PRFIN20040504_021307_000000412026_00304_11380_2136.N1	04-MAY-2004 02:13:07	Straylight	40.500	134	Bet TrA	2.8100	6600.0	81	11380	No
9	GOM_NL__2PRFIN20040504_021505_000000452026_00304_11380_2137.N1	04-MAY-2004 02:15:05	Straylight	44.500	4	Alp1Cen	-0.010000	5800.0	89	11380	No
10	GOM_NL__2PRFIN20040504_021746_000000432026_00304_11380_2138.N1	04-MAY-2004 02:17:46	Straylight	42.500	77	Eps Cen	2.3030	28000.	85	11380	No
11	GOM_NL__2PRFIN20040504_021916_000000422026_00304_11380_2139.N1	04-MAY-2004 02:19:16	Straylight	41.500	95	Zet Cen	2.5450	26000.	83	11380	No
12	GOM_NL__2PRFIN20040504_022230_000000662026_00304_11380_2140.N1	04-MAY-2004 02:22:30	Twi_and_stray	65.500	16	21Alp Sco	1.0200	3000.0	131	11380	No
13	GOM_NL__2PRFIN20040504_022435_000000642026_00304_11380_2141.N1	04-MAY-2004 02:24:35	Twi_and_stray	63.500	80	7Del Sco	2.3160	30000.	127	11380	No
14	GOM_NL__2PRFIN20040504_022734_000000452026_00304_11380_2142.N1	04-MAY-2004 02:27:34	Bright	44.500	122	9Alp2Lib	2.7470	9700.0	89	11380	No
15	GOM_NL__2PRFIN20040504_022947_000000472026_00304_11380_2143.N1	04-MAY-2004 02:29:47	Bright	47.000	104	27Bet Lib	2.6140	13100.	94	11380	No
16	GOM_NL__2PRFIN20040504_023244_000000412026_00304_11380_2144.N1	04-MAY-2004 02:32:44	Bright	41.000	121	29Gam Vir	2.7400	7200.0	82	11380	No
17	GOM_NL__2PRFIN20040504_023558_000000402026_00304_11380_2145.N1	04-MAY-2004 02:35:58	Bright	40.000	138	47Eps Vir	2.8280	4700.0	80	11380	No
18	GOM_NL__2PRFIN20040504_023807_000000402026_00304_11380_2146.N1	04-MAY-2004 02:38:07	Bright	39.500	111	8Eta Boo	2.6800	6000.0	79	11380	No
19	GOM_NL__2PRFIN20040504_024134_000000422026_00304_11380_2147.N1	04-MAY-2004 02:41:34	Bright	42.000	83		2.3780	11000.	84	11380	No
20	GOM_NL__2PRFIN20040504_024341_000000372026_00304_11380_2148.N1	04-MAY-2004 02:43:41	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	11380	No
21	GOM_NL__2PRFIN20040504_024702_000000392026_00304_11380_2149.N1	04-MAY-2004 02:47:02	Bright	39.000	39	85Eta UMa	1.8540	24000.	78	11380	No
22	GOM_NL__2PRFIN20040504_024826_000000382026_00304_11380_2150.N1	04-MAY-2004 02:48:26	Bright	37.500	55	79Zet UMa	2.0600	10200.	75	11380	No
23	GOM_NL__2PRFIN20040504_024953_000000372026_00304_11380_2151.N1	04-MAY-2004 02:49:53	Bright	37.000	82	48Bet UMa	2.3650	10600.	74	11380	No
24	GOM_NL__2PRFIN20040504_025109_000000382026_00304_11380_2152.N1	04-MAY-2004 02:51:09	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	11380	No
25	GOM_NL__2PRFIN20040504_025430_000000362026_00304_11380_2153.N1	04-MAY-2004 02:54:30	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	11380	No
26	GOM_NL__2PRFIN20040504_030435_000000432026_00304_11380_2154.N1	04-MAY-2004 03:04:35	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	11380	No
27	GOM_NL__2PRFIN20040504_030627_000000352026_00304_11380_2155.N1	04-MAY-2004 03:06:27	Bright	34.500	110	37Del Cas	2.6780	8900.0	69	11380	No
28	GOM_NL__2PRFIN20040504_030745_000000522026_00304_11380_2156.N1	04-MAY-2004 03:07:45	Bright	51.500	68	18Alp Cas	2.2250	4500.0	103	11380	No
29	GOM_NL__2PRFIN20040504_030941_000000672026_00304_11380_2157.N1	04-MAY-2004 03:09:41	Bright	66.500	19	50Alp Cyg	1.2460	10500.	133	11380	No
30	GOM_NL__2PRFIN20040504_031140_000000822026_00304_11380_2158.N1	04-MAY-2004 03:11:40	Bright	81.500	66	37Gam Cyg	2.2080	5900.0	163	11380	No
31	GOM_NL__2PRFIN20040504_031538_000000932026_00304_11380_2159.N1	04-MAY-2004 03:15:38	Twi_and_stray	92.500	92	53Eps Cyg	2.5000	4500.0	185	11380	No
32	GOM_NL__2PRFIN20040504_032049_000000522026_00304_11380_2160.N1	04-MAY-2004 03:20:49	Twilight	52.000	90	54Alp Peg	2.4870	11000.	104	11380	No
33	GOM_NL__2PRFIN20040504_032539_000000762026_00304_11380_2161.N1	04-MAY-2004 03:25:39	Dark	75.500	61	8Eps Peg	2.1000	3900.0	151	11380	No
34	GOM_NL__2PRFIN20040504_032830_000000462026_00304_11380_2162.N1	04-MAY-2004 03:28:30	Dark	45.500	52	16Bet Cet	2.0370	4500.0	91	11380	No
35	GOM_NL__2PRFIN20040504_033349_000000472026_00304_11380_2163.N1	04-MAY-2004 03:33:49	Dark	47.000	18	24Alp PsA	1.1660	9700.0	94	11380	No
36	GOM_NL__2PRFIN20040504_033938_000000482026_00304_11380_2164.N1	04-MAY-2004 03:39:38	Dark	47.500	31	Alp Gru	1.7340	15200.	95	11380	No
37	GOM_NL__2PRFIN20040504_034206_000000472026_00305_11381_2135.N1	04-MAY-2004 03:42:06	Dark	46.500	148	Alp Tuc	2.8780	4100.0	93	11381	No
38	GOM_NL__2PRFIN20040504_034511_000000422026_00305_11381_2136.N1	04-MAY-2004 03:45:11	Dark	42.000	45	Alp Pav	1.9400	26000.	84	11381	No
39	GOM_NL__2PRFIN20040504_035132_000000432026_00305_11381_2137.N1	04-MAY-2004 03:51:32	Straylight	42.500	43	Alp TrA	1.9100	4250.0	85	11381	No
40	GOM_NL__2PRFIN20040504_035344_000000402026_00305_11381_2138.N1	04-MAY-2004 03:53:44	Straylight	40.000	134	Bet TrA	2.8100	6600.0	80	11381	No
41	GOM_NL__2PRFIN20040504_035543_000000492026_00305_11381_2139.N1	04-MAY-2004 03:55:43	Straylight	48.500	4	Alp1Cen	-0.010000	5800.0	97	11381	No
42	GOM_NL__2PRFIN20040504_035825_000000392026_00305_11381_2140.N1	04-MAY-2004 03:58:25	Straylight	39.000	77	Eps Cen	2.3030	28000.	78	11381	No

43	GOM_NL__2PRFIN20040504_035955_000000392026_00305_11381_2141.N1	04-MAY-2004 03:59:55	Straylight	38.500	95	Zet Cen	2.5450	26000.	77	11381	No
44	GOM_NL__2PRFIN20040504_040307_000000702026_00305_11381_2142.N1	04-MAY-2004 04:03:07	Twi_and_stray	69.500	16	21Alp Sco	1.0200	3000.0	139	11381	No
45	GOM_NL__2PRFIN20040504_040512_000000632026_00305_11381_2143.N1	04-MAY-2004 04:05:12	Twi_and_stray	62.500	80	7Del Sco	2.3160	30000.	125	11381	No
46	GOM_NL__2PRFIN20040504_040813_000000432026_00305_11381_2144.N1	04-MAY-2004 04:08:13	Bright	42.500	122	9Alp2Lib	2.7470	9700.0	85	11381	No
47	GOM_NL__2PRFIN20040504_041023_000000462026_00305_11381_2145.N1	04-MAY-2004 04:10:23	Bright	45.500	104	27Bet Lib	2.6140	13100.	91	11381	No
48	GOM_NL__2PRFIN20040504_041321_000000392026_00305_11381_2146.N1	04-MAY-2004 04:13:21	Bright	38.500	121	29Gam Vir	2.7400	7200.0	77	11381	No
49	GOM_NL__2PRFIN20040504_041637_000000372026_00305_11381_2147.N1	04-MAY-2004 04:16:37	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	11381	No
50	GOM_NL__2PRFIN20040504_041844_000000382026_00305_11381_2148.N1	04-MAY-2004 04:18:44	Bright	38.000	111	8Eta Boo	2.6800	6000.0	76	11381	No
51	GOM_NL__2PRFIN20040504_042209_000000462026_00305_11381_2149.N1	04-MAY-2004 04:22:09	Bright	46.000	83		2.3780	11000.	92	11381	No
52	GOM_NL__2PRFIN20040504_042418_000000372026_00305_11381_2150.N1	04-MAY-2004 04:24:18	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	11381	No
53	GOM_NL__2PRFIN20040504_042738_000000382026_00305_11381_2151.N1	04-MAY-2004 04:27:38	Bright	38.000	39	85Eta UMa	1.8540	24000.	76	11381	No
54	GOM_NL__2PRFIN20040504_042902_000000372026_00305_11381_2152.N1	04-MAY-2004 04:29:02	Bright	37.000	55	79Zet UMa	2.0600	10200.	74	11381	No
55	GOM_NL__2PRFIN20040504_043030_000000382026_00305_11381_2153.N1	04-MAY-2004 04:30:30	Bright	38.000	82	48Bet UMa	2.3650	10600.	76	11381	No
56	GOM_NL__2PRFIN20040504_043146_000000412026_00305_11381_2154.N1	04-MAY-2004 04:31:46	Bright	41.000	36	50Alp UMa	1.8000	6300.0	82	11381	No
57	GOM_NL__2PRFIN20040504_043507_000000352026_00305_11381_2155.N1	04-MAY-2004 04:35:07	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	11381	No
58	GOM_NL__2PRFIN20040504_044510_000000442026_00305_11381_2156.N1	04-MAY-2004 04:45:10	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	11381	No
59	GOM_NL__2PRFIN20040504_044703_000000362026_00305_11381_2157.N1	04-MAY-2004 04:47:03	Bright	36.000	110	37Del Cas	2.6780	8900.0	72	11381	No
60	GOM_NL__2PRFIN20040504_044822_000000382026_00305_11381_2158.N1	04-MAY-2004 04:48:22	Bright	37.500	68	18Alp Cas	2.2250	4500.0	75	11381	No
61	GOM_NL__2PRFIN20040504_045016_000000652026_00305_11381_2159.N1	04-MAY-2004 04:50:16	Bright	64.500	19	50Alp Cyg	1.2460	10500.	129	11381	No
62	GOM_NL__2PRFIN20040504_045215_000000852026_00305_11381_2160.N1	04-MAY-2004 04:52:15	Bright	85.000	66	37Gam Cyg	2.2080	5900.0	170	11381	No
63	GOM_NL__2PRFIN20040504_045614_000000972026_00305_11381_2161.N1	04-MAY-2004 04:56:14	Twi_and_stray	96.500	92	53Eps Cyg	2.5000	4500.0	193	11381	No
64	GOM_NL__2PRFIN20040504_050128_000000502026_00305_11381_2162.N1	04-MAY-2004 05:01:28	Twilight	49.500	90	54Alp Peg	2.4870	11000.	99	11381	No
65	GOM_NL__2PRFIN20040504_050616_000000782026_00305_11381_2163.N1	04-MAY-2004 05:06:16	Dark	77.500	61	8Eps Peg	2.1000	3900.0	155	11381	No
66	GOM_NL__2PRFIN20040504_050907_000000472026_00305_11381_2164.N1	04-MAY-2004 05:09:07	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	11381	No
67	GOM_NL__2PRFIN20040504_051427_000000462026_00305_11381_2165.N1	04-MAY-2004 05:14:27	Dark	45.500	18	24Alp PsA	1.1660	9700.0	91	11381	No
68	GOM_NL__2PRFIN20040504_052015_000000472026_00305_11381_2166.N1	04-MAY-2004 05:20:15	Dark	46.500	31	Alp Gru	1.7340	15200.	93	11381	No
69	GOM_NL__2PRFIN20040504_052242_000000452026_00306_11382_2155.N1	04-MAY-2004 05:22:42	Dark	45.000	148	Alp Tuc	2.8780	4100.0	90	11382	No
70	GOM_NL__2PRFIN20040504_052548_000000422026_00306_11382_2156.N1	04-MAY-2004 05:25:48	Dark	42.000	45	Alp Pav	1.9400	26000.	84	11382	No
71	GOM_NL__2PRFIN20040504_053209_000000452026_00306_11382_2157.N1	04-MAY-2004 05:32:09	Straylight	44.500	43	Alp TrA	1.9100	4250.0	89	11382	No
72	GOM_NL__2PRFIN20040504_053421_000000392026_00306_11382_2158.N1	04-MAY-2004 05:34:21	Straylight	39.000	134	Bet TrA	2.8100	6600.0	78	11382	No
73	GOM_NL__2PRFIN20040504_053619_000000522026_00306_11382_2159.N1	04-MAY-2004 05:36:19	Straylight	51.500	4	Alp1Cen	-0.010000	5800.0	103	11382	No
74	GOM_NL__2PRFIN20040504_053902_000000392026_00306_11382_2160.N1	04-MAY-2004 05:39:02	Straylight	38.500	77	Eps Cen	2.3030	28000.	77	11382	No
75	GOM_NL__2PRFIN20040504_054031_000000392026_00306_11382_2161.N1	04-MAY-2004 05:40:31	Straylight	39.000	95	Zet Cen	2.5450	26000.	78	11382	No
76	GOM_NL__2PRFIN20040504_054343_000000742026_00306_11382_2162.N1	04-MAY-2004 05:43:43	Twi_and_stray	73.500	16	21Alp Sco	1.0200	3000.0	147	11382	No
77	GOM_NL__2PRFIN20040504_054548_000000622026_00306_11382_2163.N1	04-MAY-2004 05:45:48	Twi_and_stray	62.000	80	7Del Sco	2.3160	30000.	124	11382	No
78	GOM_NL__2PRFIN20040504_054850_000000422026_00306_11382_2164.N1	04-MAY-2004 05:48:50	Bright	42.000	122	9Alp2Lib	2.7470	9700.0	84	11382	No
79	GOM_NL__2PRFIN20040504_055059_000000482026_00306_11382_2165.N1	04-MAY-2004 05:50:59	Bright	47.500	104	27Bet Lib	2.6140	13100.	95	11382	No
80	GOM_NL__2PRFIN20040504_055359_000000382026_00306_11382_2166.N1	04-MAY-2004 05:53:59	Bright	37.500	121	29Gam Vir	2.7400	7200.0	75	11382	No
81	GOM_NL__2PRFIN20040504_055714_000000372026_00306_11382_2167.N1	04-MAY-2004 05:57:14	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	11382	No
82	GOM_NL__2PRFIN20040504_055920_000000392026_00306_11382_2168.N1	04-MAY-2004 05:59:20	Bright	38.500	111	8Eta Boo	2.6800	6000.0	77	11382	No
83	GOM_NL__2PRFIN20040504_060245_000000462026_00306_11382_2169.N1	04-MAY-2004 06:02:45	Bright	45.500	83		2.3780	11000.	91	11382	No
84	GOM_NL__2PRFIN20040504_060454_000000362026_00306_11382_2170.N1	04-MAY-2004 06:04:54	Bright	35.500	152	12Alp2CVn	2.8900	11000.	71	11382	No
85	GOM_NL__2PRFIN20040504_060814_000000372026_00306_11382_2171.N1	04-MAY-2004 06:08:14	Bright	36.500	39	85Eta UMa	1.8540	24000.	73	11382	No
86	GOM_NL__2PRFIN20040504_060938_000000372026_00306_11382_2172.N1	04-MAY-2004 06:09:38	Bright	37.000	55	79Zet UMa	2.0600	10200.	74	11382	No
87	GOM_NL__2PRFIN20040504_061106_000000382026_00306_11382_2173.N1	04-MAY-2004 06:11:06	Bright	37.500	82	48Bet UMa	2.3650	10600.	75	11382	No
88	GOM_NL__2PRFIN20040504_061222_000000382026_00306_11382_2174.N1	04-MAY-2004 06:12:22	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	11382	No
89	GOM_NL__2PRFIN20040504_061542_000000402026_00306_11382_2175.N1	04-MAY-2004 06:15:42	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	11382	No
90	GOM_NL__2PRFIN20040504_062545_000000452026_00306_11382_2176.N1	04-MAY-2004 06:25:45	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	11382	No
91	GOM_NL__2PRFIN20040504_062739_000000342026_00306_11382_2177.N1	04-MAY-2004 06:27:39	Bright	34.000	110	37Del Cas	2.6780	8900.0	68	11382	No
92	GOM_NL__2PRFIN20040504_062858_000000362026_00306_11382_2178.N1	04-MAY-2004 06:28:58	Bright	36.000	68	18Alp Cas	2.2250	4500.0	72	11382	No
93	GOM_NL__2PRFIN20040504_063052_000000622026_00306_11382_2179.N1	04-MAY-2004 06:30:52	Bright	61.500	19	50Alp Cyg	1.2460	10500.	123	11382	No
94	GOM_NL__2PRFIN20040504_063250_000000832026_00306_11382_2180.N1	04-MAY-2004 06:32:50	Bright	83.000	66	37Gam Cyg	2.2080	5900.0	166	11382	No
95	GOM_NL__2PRFIN20040504_063650_000000902026_00306_11382_2181.N1	04-MAY-2004 06:36:50	Twi_and_stray	90.000	92	53Eps Cyg	2.5000	4500.0	180	11382	No
96	GOM_NL__2PRFIN20040504_064205_000000442026_00306_11382_2182.N1	04-MAY-2004 06:42:05	Twilight	43.500	90	54Alp Peg	2.4870	11000.	87	11382	No
97	GOM_NL__2PRFIN20040504_064653_000000692026_00306_11382_2183.N1	04-MAY-2004 06:46:53	Dark	69.000	61	8Eps Peg	2.1000	3900.0	138	11382	No
98	GOM_NL__2PRFIN20040504_064943_000000452026_00306_11382_2184.N1	04-MAY-2004 06:49:43	Dark	45.000	52	16Bet Cet	2.0370	4500.0	90	11382	No
99	GOM_NL__2PRFIN20040504_065503_000000472026_00306_11382_2185.N1	04-MAY-2004 06:55:03	Dark	47.000	18	24Alp PsA	1.1660	9700.0	94	11382	No
100	GOM_NL__2PRFIN20040504_070052_000000452026_00306_11382_2186.N1	04-MAY-2004 07:00:52	Dark	45.000	31	Alp Gru	1.7340	15200.	90	11382	No
101	GOM_NL__2PRFIN20040504_070319_000000432026_00307_11383_2155.N1	04-MAY-2004 07:03:19	Dark	42.500	148	Alp Tuc	2.8780	4100.0	85	11383	No

102	GOM_NL__2PRFIN20040504_070625_000000432026_00307_11383_2156.N1	04-MAY-2004 07:06:25	Dark	43.000	45	Alp Pav	1.9400	26000.	86	11383	No
103	GOM_NL__2PRFIN20040504_071245_000000432026_00307_11383_2157.N1	04-MAY-2004 07:12:45	Straylight	42.500	43	Alp TrA	1.9100	4250.0	85	11383	No
104	GOM_NL__2PRFIN20040504_071457_000000402026_00307_11383_2158.N1	04-MAY-2004 07:14:57	Straylight	39.500	134	Bet TrA	2.8100	6600.0	79	11383	No
105	GOM_NL__2PRFIN20040504_071656_000000442026_00307_11383_2159.N1	04-MAY-2004 07:16:56	Straylight	44.000	4	Alp1Cen	-0.010000	5800.0	88	11383	No
106	GOM_NL__2PRFIN20040504_071938_000000382026_00307_11383_2160.N1	04-MAY-2004 07:19:38	Straylight	38.000	77	Eps Cen	2.3030	28000.	76	11383	No
107	GOM_NL__2PRFIN20040504_072107_000000412026_00307_11383_2161.N1	04-MAY-2004 07:21:07	Straylight	40.500	95	Zet Cen	2.5450	26000.	81	11383	No
108	GOM_NL__2PRFIN20040504_072419_000000692026_00307_11383_2162.N1	04-MAY-2004 07:24:19	Twi_and_stray	69.000	16	21Alp Sco	1.0200	3000.0	138	11383	No
109	GOM_NL__2PRFIN20040504_072625_000000612026_00307_11383_2163.N1	04-MAY-2004 07:26:25	Twi_and_stray	61.000	80	7Del Sco	2.3160	30000.	122	11383	No
110	GOM_NL__2PRFIN20040504_072926_000000432026_00307_11383_2164.N1	04-MAY-2004 07:29:26	Bright	42.500	122	9Alp2Lib	2.7470	9700.0	85	11383	No
111	GOM_NL__2PRFIN20040504_073135_000000452026_00307_11383_2165.N1	04-MAY-2004 07:31:35	Bright	44.500	104	27Bet Lib	2.6140	13100.	89	11383	No
112	GOM_NL__2PRFIN20040504_073435_000000382026_00307_11383_2166.N1	04-MAY-2004 07:34:35	Bright	37.500	121	29Gam Vir	2.7400	7200.0	75	11383	No
113	GOM_NL__2PRFIN20040504_073750_000000372026_00307_11383_2167.N1	04-MAY-2004 07:37:50	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	11383	No
114	GOM_NL__2PRFIN20040504_073956_000000402026_00307_11383_2168.N1	04-MAY-2004 07:39:56	Bright	40.000	111	8Eta Boo	2.6800	6000.0	80	11383	No
115	GOM_NL__2PRFIN20040504_074321_000000462026_00307_11383_2169.N1	04-MAY-2004 07:43:21	Bright	45.500	83		2.3780	11000.	91	11383	No
116	GOM_NL__2PRFIN20040504_074530_000000372026_00307_11383_2170.N1	04-MAY-2004 07:45:30	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	11383	No
117	GOM_NL__2PRFIN20040504_074850_000000392026_00307_11383_2171.N1	04-MAY-2004 07:48:50	Bright	39.000	39	85Eta UMa	1.8540	24000.	78	11383	No
118	GOM_NL__2PRFIN20040504_075014_000000382026_00307_11383_2172.N1	04-MAY-2004 07:50:14	Bright	37.500	55	79Zet UMa	2.0600	10200.	75	11383	No
119	GOM_NL__2PRFIN20040504_075142_000000372026_00307_11383_2173.N1	04-MAY-2004 07:51:42	Bright	37.000	82	48Bet UMa	2.3650	10600.	74	11383	No
120	GOM_NL__2PRFIN20040504_075259_000000392026_00307_11383_2174.N1	04-MAY-2004 07:52:59	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	11383	No
121	GOM_NL__2PRFIN20040504_075618_000000392026_00307_11383_2175.N1	04-MAY-2004 07:56:18	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	11383	No
122	GOM_NL__2PRFIN20040504_080621_000000442026_00307_11383_2176.N1	04-MAY-2004 08:06:21	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	11383	No
123	GOM_NL__2PRFIN20040504_080815_000000522026_00307_11383_2177.N1	04-MAY-2004 08:08:15	Bright	52.000	110	37Del Cas	2.6780	8900.0	104	11383	No
124	GOM_NL__2PRFIN20040504_080934_000000382026_00307_11383_2178.N1	04-MAY-2004 08:09:34	Bright	38.000	68	18Alp Cas	2.2250	4500.0	76	11383	No
125	GOM_NL__2PRFIN20040504_081127_000000642026_00307_11383_2179.N1	04-MAY-2004 08:11:27	Bright	64.000	19	50Alp Cyg	1.2460	10500.	128	11383	No
126	GOM_NL__2PRFIN20040504_081326_000000812026_00307_11383_2180.N1	04-MAY-2004 08:13:26	Bright	81.000	66	37Gam Cyg	2.2080	5900.0	162	11383	No
127	GOM_NL__2PRFIN20040504_081726_000000902026_00307_11383_2181.N1	04-MAY-2004 08:17:26	Twi_and_stray	89.500	92	53Eps Cyg	2.5000	4500.0	179	11383	No
128	GOM_NL__2PRFIN20040504_082241_000000502026_00307_11383_2182.N1	04-MAY-2004 08:22:41	Dark	50.000	90	54Alp Peg	2.4870	11000.	100	11383	No
129	GOM_NL__2PRFIN20040504_082730_000000792026_00307_11383_2183.N1	04-MAY-2004 08:27:30	Dark	78.500	61	8Eps Peg	2.1000	3900.0	157	11383	No
130	GOM_NL__2PRFIN20040504_083020_000000462026_00307_11383_2184.N1	04-MAY-2004 08:30:20	Dark	46.000	52	16Bet Cet	2.0370	4500.0	92	11383	No
131	GOM_NL__2PRFIN20040504_083540_000000462026_00307_11383_2185.N1	04-MAY-2004 08:35:40	Dark	45.500	18	24Alp PsA	1.1660	9700.0	91	11383	No
132	GOM_NL__2PRFIN20040504_084128_000000442026_00307_11383_2186.N1	04-MAY-2004 08:41:28	Dark	44.000	31	Alp Gru	1.7340	15200.	88	11383	No
133	GOM_NL__2PRFIN20040504_084355_000000472026_00308_11384_2249.N1	04-MAY-2004 08:43:55	Dark	46.500	148	Alp Tuc	2.8780	4100.0	93	11384	No
134	GOM_NL__2PRFIN20040504_084701_000000442026_00308_11384_2250.N1	04-MAY-2004 08:47:01	Dark	44.000	45	Alp Pav	1.9400	26000.	88	11384	No
135	GOM_NL__2PRFIN20040504_085321_000000432026_00308_11384_2251.N1	04-MAY-2004 08:53:21	Straylight	43.000	43	Alp TrA	1.9100	4250.0	86	11384	No
136	GOM_NL__2PRFIN20040504_085533_000000432026_00308_11384_2252.N1	04-MAY-2004 08:55:33	Straylight	42.500	134	Bet TrA	2.8100	6600.0	85	11384	No
137	GOM_NL__2PRFIN20040504_085731_000000522026_00308_11384_2253.N1	04-MAY-2004 08:57:31	Straylight	52.000	4	Alp1Cen	-0.010000	5800.0	104	11384	No
138	GOM_NL__2PRFIN20040504_090014_000000402026_00308_11384_2254.N1	04-MAY-2004 09:00:14	Straylight	39.500	77	Eps Cen	2.3030	28000.	79	11384	No
139	GOM_NL__2PRFIN20040504_090144_000000392026_00308_11384_2255.N1	04-MAY-2004 09:01:44	Straylight	39.000	95	Zet Cen	2.5450	26000.	78	11384	No
140	GOM_NL__2PRFIN20040504_090456_000000652026_00308_11384_2256.N1	04-MAY-2004 09:04:56	Twi_and_stray	65.000	16	21Alp Sco	1.0200	3000.0	130	11384	No
141	GOM_NL__2PRFIN20040504_090701_000000592026_00308_11384_2257.N1	04-MAY-2004 09:07:01	Twi_and_stray	58.500	80	7Del Sco	2.3160	30000.	117	11384	No
142	GOM_NL__2PRFIN20040504_091002_000000442026_00308_11384_2258.N1	04-MAY-2004 09:10:02	Bright	43.500	122	9Alp2Lib	2.7470	9700.0	87	11384	No
143	GOM_NL__2PRFIN20040504_091211_000000472026_00308_11384_2259.N1	04-MAY-2004 09:12:11	Bright	47.000	104	27Bet Lib	2.6140	13100.	94	11384	No
144	GOM_NL__2PRFIN20040504_091511_000000372026_00308_11384_2260.N1	04-MAY-2004 09:15:11	Bright	37.000	121	29Gam Vir	2.7400	7200.0	74	11384	No
145	GOM_NL__2PRFIN20040504_091826_000000372026_00308_11384_2261.N1	04-MAY-2004 09:18:26	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	11384	No
146	GOM_NL__2PRFIN20040504_092031_000000412026_00308_11384_2262.N1	04-MAY-2004 09:20:31	Bright	40.500	111	8Eta Boo	2.6800	6000.0	81	11384	No
147	GOM_NL__2PRFIN20040504_092356_000000432026_00308_11384_2263.N1	04-MAY-2004 09:23:56	Bright	43.000	83		2.3780	11000.	86	11384	No
148	GOM_NL__2PRFIN20040504_092606_000000362026_00308_11384_2264.N1	04-MAY-2004 09:26:06	Bright	35.500	152	12Alp2CVn	2.8900	11000.	71	11384	No
149	GOM_NL__2PRFIN20040504_092925_000000372026_00308_11384_2265.N1	04-MAY-2004 09:29:25	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	11384	No
150	GOM_NL__2PRFIN20040504_093050_000000392026_00308_11384_2266.N1	04-MAY-2004 09:30:50	Bright	38.500	55	79Zet UMa	2.0600	10200.	77	11384	No
151	GOM_NL__2PRFIN20040504_093218_000000382026_00308_11384_2267.N1	04-MAY-2004 09:32:18	Bright	38.000	82	48Bet UMa	2.3650	10600.	76	11384	No
152	GOM_NL__2PRFIN20040504_093335_000000392026_00308_11384_2268.N1	04-MAY-2004 09:33:35	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	11384	No
153	GOM_NL__2PRFIN20040504_093654_000000402026_00308_11384_2269.N1	04-MAY-2004 09:36:54	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	11384	No
154	GOM_NL__2PRFIN20040504_094656_000000452026_00308_11384_2270.N1	04-MAY-2004 09:46:56	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	11384	No
155	GOM_NL__2PRFIN20040504_094851_000000362026_00308_11384_2271.N1	04-MAY-2004 09:48:51	Bright	35.500	110	37Del Cas	2.6780	8900.0	71	11384	No
156	GOM_NL__2PRFIN20040504_095009_000000372026_00308_11384_2272.N1	04-MAY-2004 09:50:09	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	11384	No
157	GOM_NL__2PRFIN20040504_095203_000000692026_00308_11384_2273.N1	04-MAY-2004 09:52:03	Bright	68.500	19	50Alp Cyg	1.2460	10500.	137	11384	No
158	GOM_NL__2PRFIN20040504_095402_000000812026_00308_11384_2274.N1	04-MAY-2004 09:54:02	Bright	80.500	66	37Gam Cyg	2.2080	5900.0	161	11384	No
159	GOM_NL__2PRFIN20040504_095802_000000882026_00308_11384_2275.N1	04-MAY-2004 09:58:02	Twi_and_stray	88.000	92	53Eps Cyg	2.5000	4500.0	176	11384	No
160	GOM_NL__2PRFIN20040504_100317_000000482026_00308_11384_2276.N1	04-MAY-2004 10:03:17	Dark	47.500	90	54Alp Peg	2.4870	11000.	95	11384	No

161	GOM_NL__2PRFIN20040504_100807_000000712026_00308_11384_2277.N1	04-MAY-2004 10:08:07	Dark	71.000	61	8Eps Peg	2.1000	3900.0	142	11384	No
162	GOM_NL__2PRFIN20040504_101054_000000462026_00308_11384_2278.N1	04-MAY-2004 10:10:54	Dark	46.000	52	16Bet Cet	2.0370	4500.0	92	11384	No
163	GOM_NL__2PRFIN20040504_101616_000000452026_00308_11384_2279.N1	04-MAY-2004 10:16:16	Dark	45.000	18	24Alp PsA	1.1660	9700.0	90	11384	No
164	GOM_NL__2PRFIN20040504_102204_000000432026_00308_11384_2280.N1	04-MAY-2004 10:22:04	Dark	42.500	31	Alp Gru	1.7340	15200.	85	11384	No
165	GOM_NL__2PRFIN20040504_102431_000000452026_00309_11385_2250.N1	04-MAY-2004 10:24:31	Dark	45.000	148	Alp Tuc	2.8780	4100.0	90	11385	No
166	GOM_NL__2PRFIN20040504_102737_000000422026_00309_11385_2251.N1	04-MAY-2004 10:27:37	Dark	42.000	45	Alp Pav	1.9400	26000.	84	11385	No
167	GOM_NL__2PRFIN20040504_103357_000000452026_00309_11385_2252.N1	04-MAY-2004 10:33:57	Straylight	45.000	43	Alp TrA	1.9100	4250.0	90	11385	No
168	GOM_NL__2PRFIN20040504_103610_000000392026_00309_11385_2253.N1	04-MAY-2004 10:36:10	Straylight	39.000	134	Bet TrA	2.8100	6600.0	78	11385	No
169	GOM_NL__2PRFIN20040504_103807_000000462026_00309_11385_2254.N1	04-MAY-2004 10:38:07	Straylight	45.500	4	Alp1Cen	-0.010000	5800.0	91	11385	No
170	GOM_NL__2PRFIN20040504_104050_000000402026_00309_11385_2255.N1	04-MAY-2004 10:40:50	Straylight	40.000	77	Eps Cen	2.3030	28000.	80	11385	No
171	GOM_NL__2PRFIN20040504_104219_000000392026_00309_11385_2256.N1	04-MAY-2004 10:42:19	Straylight	38.500	95	Zet Cen	2.5450	26000.	77	11385	No
172	GOM_NL__2PRFIN20040504_104532_000000732026_00309_11385_2257.N1	04-MAY-2004 10:45:32	Twi_and_stray	72.500	16	21Alp Sco	1.0200	3000.0	145	11385	No
173	GOM_NL__2PRFIN20040504_104736_000000572026_00309_11385_2258.N1	04-MAY-2004 10:47:36	Twi_and_stray	57.000	80	7Del Sco	2.3160	30000.	114	11385	No
174	GOM_NL__2PRFIN20040504_105004_000000882026_00309_11385_2259.N1	04-MAY-2004 10:50:04	Bright	88.000	86	35Eta Oph	2.4300	10200.	176	11385	No
175	GOM_NL__2PRFIN20040504_172313_000000422026_00313_11389_2156.N1	04-MAY-2004 17:23:13	Dark	42.000	77	Eps Cen	2.3030	28000.	84	11389	Yes
176	GOM_NL__2PRFIN20040504_172444_000000392026_00313_11389_2157.N1	04-MAY-2004 17:24:44	Straylight	39.000	95	Zet Cen	2.5450	26000.	78	11389	No
177	GOM_NL__2PRFIN20040504_172758_000000702026_00313_11389_2158.N1	04-MAY-2004 17:27:58	Twi_and_stray	69.500	16	21Alp Sco	1.0200	3000.0	139	11389	No
178	GOM_NL__2PRFIN20040504_173002_000000522026_00313_11389_2159.N1	04-MAY-2004 17:30:02	Twi_and_stray	52.000	80	7Del Sco	2.3160	30000.	104	11389	No
179	GOM_NL__2PRFIN20040504_173229_000000892026_00313_11389_2160.N1	04-MAY-2004 17:32:29	Bright	89.000	86	35Eta Oph	2.4300	10200.	178	11389	No
180	GOM_NL__2PRFIN20040504_173511_000000462026_00313_11389_2161.N1	04-MAY-2004 17:35:11	Bright	45.500	104	27Bet Lib	2.6140	13100.	91	11389	No
181	GOM_NL__2PRFIN20040504_173810_000000382026_00313_11389_2162.N1	04-MAY-2004 17:38:10	Bright	38.000	121	29Gam Vir	2.7400	7200.0	76	11389	No
182	GOM_NL__2PRFIN20040504_174125_000000382026_00313_11389_2163.N1	04-MAY-2004 17:41:25	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	11389	No
183	GOM_NL__2PRFIN20040504_174330_000000392026_00313_11389_2164.N1	04-MAY-2004 17:43:30	Bright	39.000	111	8Eta Boo	2.6800	6000.0	78	11389	No
184	GOM_NL__2PRFIN20040504_174654_000000442026_00313_11389_2165.N1	04-MAY-2004 17:46:54	Bright	43.500	83		2.3780	11000.	87	11389	No
185	GOM_NL__2PRFIN20040504_174905_000000382026_00313_11389_2166.N1	04-MAY-2004 17:49:05	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	11389	No
186	GOM_NL__2PRFIN20040504_175224_000000392026_00313_11389_2167.N1	04-MAY-2004 17:52:24	Bright	39.000	39	85Eta UMa	1.8540	24000.	78	11389	No
187	GOM_NL__2PRFIN20040504_175349_000000382026_00313_11389_2168.N1	04-MAY-2004 17:53:49	Bright	38.000	55	79Zet UMa	2.0600	10200.	76	11389	No
188	GOM_NL__2PRFIN20040504_175519_000000382026_00313_11389_2169.N1	04-MAY-2004 17:55:19	Bright	37.500	82	48Bet UMa	2.3650	10600.	75	11389	No
189	GOM_NL__2PRFIN20040504_175634_000000402026_00313_11389_2170.N1	04-MAY-2004 17:56:34	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	11389	No
190	GOM_NL__2PRFIN20040504_175952_000000392026_00313_11389_2171.N1	04-MAY-2004 17:59:52	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	11389	No
191	GOM_NL__2PRFIN20040504_180142_000000552026_00313_11389_2172.N1	04-MAY-2004 18:01:42	Bright	54.500	130	23Bet Dra	2.7990	5800.0	109	11389	No
192	GOM_NL__2PRFIN20040504_180350_000000382026_00313_11389_2173.N1	04-MAY-2004 18:03:50	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	11389	No
193	GOM_NL__2PRFIN20040504_180955_000000422026_00313_11389_2174.N1	04-MAY-2004 18:09:55	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	11389	No
194	GOM_NL__2PRFIN20040504_181151_000000482026_00313_11389_2175.N1	04-MAY-2004 18:11:51	Bright	47.500	110	37Del Cas	2.6780	8900.0	95	11389	No
195	GOM_NL__2PRFIN20040504_181307_000000382026_00313_11389_2176.N1	04-MAY-2004 18:13:07	Bright	38.000	68	18Alp Cas	2.2250	4500.0	76	11389	No
196	GOM_NL__2PRFIN20040504_181501_000000662026_00313_11389_2177.N1	04-MAY-2004 18:15:01	Bright	66.000	19	50Alp Cyg	1.2460	10500.	132	11389	No
197	GOM_NL__2PRFIN20040504_181700_000000842026_00313_11389_2178.N1	04-MAY-2004 18:17:00	Bright	84.000	66	37Gam Cyg	2.2080	5900.0	168	11389	No
198	GOM_NL__2PRFIN20040504_182102_000000922026_00313_11389_2179.N1	04-MAY-2004 18:21:02	Twi_and_stray	91.500	92	53Eps Cyg	2.5000	4500.0	183	11389	No
199	GOM_NL__2PRFIN20040504_182618_000000502026_00313_11389_2180.N1	04-MAY-2004 18:26:18	Dark	49.500	90	54Alp Peg	2.4870	11000.	99	11389	No
200	GOM_NL__2PRFIN20040504_183113_000000752026_00313_11389_2181.N1	04-MAY-2004 18:31:13	Dark	75.000	61	8Eps Peg	2.1000	3900.0	150	11389	No
201	GOM_NL__2PRFIN20040504_183356_000000442026_00313_11389_2182.N1	04-MAY-2004 18:33:56	Dark	44.000	52	16Bet Cet	2.0370	4500.0	88	11389	No
202	GOM_NL__2PRFIN20040504_183918_000000522026_00313_11389_2183.N1	04-MAY-2004 18:39:18	Dark	51.500	18	24Alp PsA	1.1660	9700.0	103	11389	No
203	GOM_NL__2PRFIN20040504_184507_000000422026_00313_11389_2184.N1	04-MAY-2004 18:45:07	Dark	41.500	31	Alp Gru	1.7340	15200.	83	11389	No
204	GOM_NL__2PRFIN20040504_184732_000000402026_00314_11390_2156.N1	04-MAY-2004 18:47:32	Dark	40.000	148	Alp Tuc	2.8780	4100.0	80	11390	No
205	GOM_NL__2PRFIN20040504_185040_000000422026_00314_11390_2157.N1	04-MAY-2004 18:50:40	Dark	42.000	45	Alp Pav	1.9400	26000.	84	11390	No
206	GOM_NL__2PRFIN20040504_185658_000000442026_00314_11390_2158.N1	04-MAY-2004 18:56:58	Straylight	44.000	43	Alp TrA	1.9100	4250.0	88	11390	No
207	GOM_NL__2PRFIN20040504_185911_000000402026_00314_11390_2159.N1	04-MAY-2004 18:59:11	Straylight	40.000	134	Bet TrA	2.8100	6600.0	80	11390	No
208	GOM_NL__2PRFIN20040504_190108_000000522026_00314_11390_2160.N1	04-MAY-2004 19:01:08	Straylight	52.000	4	Alp1Cen	-0.010000	5800.0	104	11390	No
209	GOM_NL__2PRFIN20040504_190500_000000622026_00314_11390_2161.N1	04-MAY-2004 19:05:00	Straylight	61.500	75	26Eps Sco	2.2910	4250.0	123	11390	No
210	GOM_NL__2PRFIN20040504_190834_000000712026_00314_11390_2162.N1	04-MAY-2004 19:08:34	Twi_and_stray	71.000	16	21Alp Sco	1.0200	3000.0	142	11390	No
211	GOM_NL__2PRFIN20040504_191038_000000602026_00314_11390_2163.N1	04-MAY-2004 19:10:38	Twi_and_stray	59.500	80	7Del Sco	2.3160	30000.	119	11390	No
212	GOM_NL__2PRFIN20040504_191304_000000872026_00314_11390_2164.N1	04-MAY-2004 19:13:04	Bright	87.000	86	35Eta Oph	2.4300	10200.	174	11390	No
213	GOM_NL__2PRFIN20040504_191546_000000472026_00314_11390_2165.N1	04-MAY-2004 19:15:46	Bright	47.000	104	27Bet Lib	2.6140	13100.	94	11390	No
214	GOM_NL__2PRFIN20040504_191847_000000382026_00314_11390_2166.N1	04-MAY-2004 19:18:47	Bright	38.000	121	29Gam Vir	2.7400	7200.0	76	11390	No
215	GOM_NL__2PRFIN20040504_192202_000000372026_00314_11390_2167.N1	04-MAY-2004 19:22:02	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	11390	No
216	GOM_NL__2PRFIN20040504_192406_000000392026_00314_11390_2168.N1	04-MAY-2004 19:24:06	Bright	38.500	111	8Eta Boo	2.6800	6000.0	77	11390	No
217	GOM_NL__2PRFIN20040504_192729_000000462026_00314_11390_2169.N1	04-MAY-2004 19:27:29	Bright	45.500	83		2.3780	11000.	91	11390	No
218	GOM_NL__2PRFIN20040504_192942_000000372026_00314_11390_2170.N1	04-MAY-2004 19:29:42	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	11390	No
219	GOM_NL__2PRFIN20040504_193300_000000392026_00314_11390_2171.N1	04-MAY-2004 19:33:00	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	11390	No

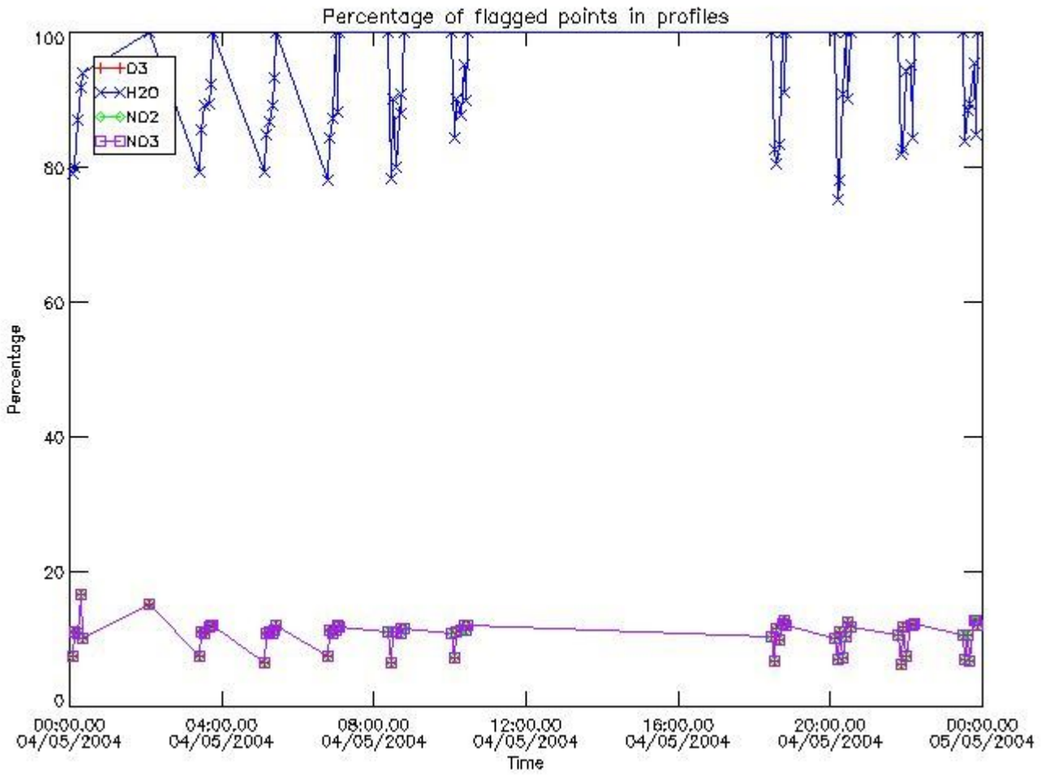
220	GOM_NL__2PRFIN20040504_193424_000000382026_00314_11390_2172.N1	04-MAY-2004 19:34:24	Bright	38.000	55	79Zet UMa	2.0600	10200.	76	11390	No
221	GOM_NL__2PRFIN20040504_193555_000000392026_00314_11390_2173.N1	04-MAY-2004 19:35:55	Bright	38.500	82	48Bet UMa	2.3650	10600.	77	11390	No
222	GOM_NL__2PRFIN20040504_193712_000000412026_00314_11390_2174.N1	04-MAY-2004 19:37:12	Bright	40.500	36	50Alp UMa	1.8000	6300.0	81	11390	No
223	GOM_NL__2PRFIN20040504_194028_000000402026_00314_11390_2175.N1	04-MAY-2004 19:40:28	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	11390	No
224	GOM_NL__2PRFIN20040504_194217_000000572026_00314_11390_2176.N1	04-MAY-2004 19:42:17	Bright	57.000	130	23Bet Dra	2.7990	5800.0	114	11390	No
225	GOM_NL__2PRFIN20040504_194425_000000392026_00314_11390_2177.N1	04-MAY-2004 19:44:25	Bright	39.000	49	1Alp UMi	1.9900	6300.0	78	11390	No
226	GOM_NL__2PRFIN20040504_195030_000000442026_00314_11390_2178.N1	04-MAY-2004 19:50:30	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	11390	No
227	GOM_NL__2PRFIN20040504_195227_000000352026_00314_11390_2179.N1	04-MAY-2004 19:52:27	Bright	34.500	110	37Del Cas	2.6780	8900.0	69	11390	No
228	GOM_NL__2PRFIN20040504_195345_000000382026_00314_11390_2180.N1	04-MAY-2004 19:53:45	Bright	38.000	68	18Alp Cas	2.2250	4500.0	76	11390	No
229	GOM_NL__2PRFIN20040504_195536_000000642026_00314_11390_2181.N1	04-MAY-2004 19:55:36	Bright	63.500	19	50Alp Cyg	1.2460	10500.	127	11390	No
230	GOM_NL__2PRFIN20040504_195735_000000882026_00314_11390_2182.N1	04-MAY-2004 19:57:35	Bright	87.500	66	37Gam Cyg	2.2080	5900.0	175	11390	No
231	GOM_NL__2PRFIN20040504_200139_000000892026_00314_11390_2183.N1	04-MAY-2004 20:01:39	Twi_and_stray	88.500	92	53Eps Cyg	2.5000	4500.0	177	11390	No
232	GOM_NL__2PRFIN20040504_200654_000000502026_00314_11390_2184.N1	04-MAY-2004 20:06:54	Dark	50.000	90	54Alp Peg	2.4870	11000.	100	11390	No
233	GOM_NL__2PRFIN20040504_201150_000000732026_00314_11390_2185.N1	04-MAY-2004 20:11:50	Dark	73.000	61	8Eps Peg	2.1000	3900.0	146	11390	No
234	GOM_NL__2PRFIN20040504_201432_000000462026_00314_11390_2186.N1	04-MAY-2004 20:14:32	Dark	46.000	52	16Bet Cet	2.0370	4500.0	92	11390	No
235	GOM_NL__2PRFIN20040504_201822_000000712026_00314_11390_2187.N1	04-MAY-2004 20:18:22	Dark	71.000	154	22Bet Aqr	2.8990	5700.0	142	11390	No
236	GOM_NL__2PRFIN20040504_202543_000000492026_00314_11390_2188.N1	04-MAY-2004 20:25:43	Dark	49.000	31	Alp Gru	1.7340	15200.	98	11390	No
237	GOM_NL__2PRFIN20040504_202809_000000412026_00315_11391_2156.N1	04-MAY-2004 20:28:09	Dark	41.000	148	Alp Tuc	2.8780	4100.0	82	11391	No
238	GOM_NL__2PRFIN20040504_203117_000000432026_00315_11391_2157.N1	04-MAY-2004 20:31:17	Dark	43.000	45	Alp Pav	1.9400	26000.	86	11391	No
239	GOM_NL__2PRFIN20040504_203735_000000402026_00315_11391_2158.N1	04-MAY-2004 20:37:35	Straylight	40.000	43	Alp TrA	1.9100	4250.0	80	11391	No
240	GOM_NL__2PRFIN20040504_203947_000000412026_00315_11391_2159.N1	04-MAY-2004 20:39:47	Straylight	40.500	134	Bet TrA	2.8100	6600.0	81	11391	No
241	GOM_NL__2PRFIN20040504_204144_000000452026_00315_11391_2160.N1	04-MAY-2004 20:41:44	Straylight	45.000	4	Alp1Cen	-0.010000	5800.0	90	11391	No
242	GOM_NL__2PRFIN20040504_204537_000000632026_00315_11391_2161.N1	04-MAY-2004 20:45:37	Straylight	63.000	75	26Eps Sco	2.2910	4250.0	126	11391	No
243	GOM_NL__2PRFIN20040504_204911_000000702026_00315_11391_2162.N1	04-MAY-2004 20:49:11	Twi_and_stray	70.000	16	21Alp Sco	1.0200	3000.0	140	11391	No
244	GOM_NL__2PRFIN20040504_205114_000000572026_00315_11391_2163.N1	04-MAY-2004 20:51:14	Twi_and_stray	57.000	80	7Del Sco	2.3160	30000.	114	11391	No
245	GOM_NL__2PRFIN20040504_205339_000000902026_00315_11391_2164.N1	04-MAY-2004 20:53:39	Bright	89.500	86	35Eta Oph	2.4300	10200.	179	11391	No
246	GOM_NL__2PRFIN20040504_205622_000000462026_00315_11391_2165.N1	04-MAY-2004 20:56:22	Bright	45.500	104	27Bet Lib	2.6140	13100.	91	11391	No
247	GOM_NL__2PRFIN20040504_205923_000000382026_00315_11391_2166.N1	04-MAY-2004 20:59:23	Bright	37.500	121	29Gam Vir	2.7400	7200.0	75	11391	No
248	GOM_NL__2PRFIN20040504_210238_000000372026_00315_11391_2167.N1	04-MAY-2004 21:02:38	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	11391	No
249	GOM_NL__2PRFIN20040504_210442_000000382026_00315_11391_2168.N1	04-MAY-2004 21:04:42	Bright	38.000	111	8Eta Boo	2.6800	6000.0	76	11391	No
250	GOM_NL__2PRFIN20040504_210804_000000442026_00315_11391_2169.N1	04-MAY-2004 21:08:04	Bright	43.500	83		2.3780	11000.	87	11391	No
251	GOM_NL__2PRFIN20040504_211018_000000362026_00315_11391_2170.N1	04-MAY-2004 21:10:18	Bright	36.000	152	12Alp2CVn	2.8900	11000.	72	11391	No
252	GOM_NL__2PRFIN20040504_211335_000000372026_00315_11391_2171.N1	04-MAY-2004 21:13:35	Bright	36.500	39	85Eta UMa	1.8540	24000.	73	11391	No
253	GOM_NL__2PRFIN20040504_211500_000000362026_00315_11391_2172.N1	04-MAY-2004 21:15:00	Bright	35.500	55	79Zet UMa	2.0600	10200.	71	11391	No
254	GOM_NL__2PRFIN20040504_211632_000000392026_00315_11391_2173.N1	04-MAY-2004 21:16:32	Bright	39.000	82	48Bet UMa	2.3650	10600.	78	11391	No
255	GOM_NL__2PRFIN20040504_211748_000000392026_00315_11391_2174.N1	04-MAY-2004 21:17:48	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	11391	No
256	GOM_NL__2PRFIN20040504_212104_000000412026_00315_11391_2175.N1	04-MAY-2004 21:21:04	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	11391	No
257	GOM_NL__2PRFIN20040504_212252_000000562026_00315_11391_2176.N1	04-MAY-2004 21:22:52	Bright	55.500	130	23Bet Dra	2.7990	5800.0	111	11391	No
258	GOM_NL__2PRFIN20040504_212501_000000382026_00315_11391_2177.N1	04-MAY-2004 21:25:01	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	11391	No
259	GOM_NL__2PRFIN20040504_213106_000000442026_00315_11391_2178.N1	04-MAY-2004 21:31:06	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	11391	No
260	GOM_NL__2PRFIN20040504_213303_000000472026_00315_11391_2179.N1	04-MAY-2004 21:33:03	Bright	47.000	110	37Del Cas	2.6780	8900.0	94	11391	No
261	GOM_NL__2PRFIN20040504_213421_000000382026_00315_11391_2180.N1	04-MAY-2004 21:34:21	Bright	37.500	68	18Alp Cas	2.2250	4500.0	75	11391	No
262	GOM_NL__2PRFIN20040504_213612_000000682026_00315_11391_2181.N1	04-MAY-2004 21:36:12	Bright	68.000	19	50Alp Cyg	1.2460	10500.	136	11391	No
263	GOM_NL__2PRFIN20040504_213810_000000862026_00315_11391_2182.N1	04-MAY-2004 21:38:10	Bright	85.500	66	37Gam Cyg	2.2080	5900.0	171	11391	No
264	GOM_NL__2PRFIN20040504_214214_000000872026_00315_11391_2183.N1	04-MAY-2004 21:42:14	Twi_and_stray	86.500	92	53Eps Cyg	2.5000	4500.0	173	11391	No
265	GOM_NL__2PRFIN20040504_214730_000000482026_00315_11391_2184.N1	04-MAY-2004 21:47:30	Dark	48.000	90	54Alp Peg	2.4870	11000.	96	11391	No
266	GOM_NL__2PRFIN20040504_215226_000000812026_00315_11391_2185.N1	04-MAY-2004 21:52:26	Dark	81.000	61	8Eps Peg	2.1000	3900.0	162	11391	No
267	GOM_NL__2PRFIN20040504_215508_000000442026_00315_11391_2186.N1	04-MAY-2004 21:55:08	Dark	43.500	52	16Bet Cet	2.0370	4500.0	87	11391	No
268	GOM_NL__2PRFIN20040504_215857_000000692026_00315_11391_2187.N1	04-MAY-2004 21:58:57	Dark	69.000	154	22Bet Aqr	2.8990	5700.0	138	11391	No
269	GOM_NL__2PRFIN20040504_220620_000000432026_00315_11391_2188.N1	04-MAY-2004 22:06:20	Dark	42.500	31	Alp Gru	1.7340	15200.	85	11391	No
270	GOM_NL__2PRFIN20040504_220844_000000422026_00316_11392_2156.N1	04-MAY-2004 22:08:44	Dark	42.000	148	Alp Tuc	2.8780	4100.0	84	11392	No
271	GOM_NL__2PRFIN20040504_221154_000000422026_00316_11392_2157.N1	04-MAY-2004 22:11:54	Dark	41.500	45	Alp Pav	1.9400	26000.	83	11392	No
272	GOM_NL__2PRFIN20040504_221811_000000412026_00316_11392_2158.N1	04-MAY-2004 22:18:11	Straylight	41.000	43	Alp TrA	1.9100	4250.0	82	11392	No
273	GOM_NL__2PRFIN20040504_222023_000000392026_00316_11392_2159.N1	04-MAY-2004 22:20:23	Straylight	39.000	134	Bet TrA	2.8100	6600.0	78	11392	No
274	GOM_NL__2PRFIN20040504_222220_000000452026_00316_11392_2160.N1	04-MAY-2004 22:22:20	Straylight	44.500	4	Alp1Cen	-0.010000	5800.0	89	11392	No
275	GOM_NL__2PRFIN20040504_222613_000000632026_00316_11392_2161.N1	04-MAY-2004 22:26:13	Straylight	62.500	75	26Eps Sco	2.2910	4250.0	125	11392	No
276	GOM_NL__2PRFIN20040504_222947_000000682026_00316_11392_2162.N1	04-MAY-2004 22:29:47	Twi_and_stray	67.500	16	21Alp Sco	1.0200	3000.0	135	11392	No
277	GOM_NL__2PRFIN20040504_223150_000000602026_00316_11392_2163.N1	04-MAY-2004 22:31:50	Twi_and_stray	60.000	80	7Del Sco	2.3160	30000.	120	11392	No
278	GOM_NL__2PRFIN20040504_223417_000000902026_00316_11392_2164.N1	04-MAY-2004 22:34:17	Bright	89.500	86	35Eta Oph	2.4300	10200.	179	11392	No

279	GOM_NL__2PRFIN20040504_223658_000000452026_00316_11392_2165.N1	04-MAY-2004 22:36:58	Bright	45.000	104	27Bet Lib	2.6140	13100.	90	11392	No
280	GOM_NL__2PRFIN20040504_223959_000000392026_00316_11392_2166.N1	04-MAY-2004 22:39:59	Bright	38.500	121	29Gam Vir	2.7400	7200.0	77	11392	No
281	GOM_NL__2PRFIN20040504_224313_000000372026_00316_11392_2167.N1	04-MAY-2004 22:43:13	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	11392	No
282	GOM_NL__2PRFIN20040504_224518_000000382026_00316_11392_2168.N1	04-MAY-2004 22:45:18	Bright	37.500	111	8Eta Boo	2.6800	6000.0	75	11392	No
283	GOM_NL__2PRFIN20040504_224840_000000432026_00316_11392_2169.N1	04-MAY-2004 22:48:40	Bright	43.000	83		2.3780	11000.	86	11392	No
284	GOM_NL__2PRFIN20040504_225052_000000382026_00316_11392_2170.N1	04-MAY-2004 22:50:52	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	11392	No
285	GOM_NL__2PRFIN20040504_225411_000000382026_00316_11392_2171.N1	04-MAY-2004 22:54:11	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	11392	No
286	GOM_NL__2PRFIN20040504_225536_000000392026_00316_11392_2172.N1	04-MAY-2004 22:55:36	Bright	39.000	55	79Zet UMa	2.0600	10200.	78	11392	No
287	GOM_NL__2PRFIN20040504_225707_000000382026_00316_11392_2173.N1	04-MAY-2004 22:57:07	Bright	38.000	82	48Bet UMa	2.3650	10600.	76	11392	No
288	GOM_NL__2PRFIN20040504_225824_000000412026_00316_11392_2174.N1	04-MAY-2004 22:58:24	Bright	41.000	36	50Alp UMa	1.8000	6300.0	82	11392	No
289	GOM_NL__2PRFIN20040504_230139_000000402026_00316_11392_2175.N1	04-MAY-2004 23:01:39	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	11392	No
290	GOM_NL__2PRFIN20040504_230327_000000542026_00316_11392_2176.N1	04-MAY-2004 23:03:27	Bright	53.500	130	23Bet Dra	2.7990	5800.0	107	11392	No
291	GOM_NL__2PRFIN20040504_230537_000000362026_00316_11392_2177.N1	04-MAY-2004 23:05:37	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	11392	No
292	GOM_NL__2PRFIN20040504_231142_000000432026_00316_11392_2178.N1	04-MAY-2004 23:11:42	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	11392	No
293	GOM_NL__2PRFIN20040504_231339_000000362026_00316_11392_2179.N1	04-MAY-2004 23:13:39	Bright	36.000	110	37Del Cas	2.6780	8900.0	72	11392	No
294	GOM_NL__2PRFIN20040504_231457_000000372026_00316_11392_2180.N1	04-MAY-2004 23:14:57	Bright	37.000	68	18Alp Cas	2.2250	4500.0	74	11392	No
295	GOM_NL__2PRFIN20040504_231647_000000642026_00316_11392_2181.N1	04-MAY-2004 23:16:47	Bright	64.000	19	50Alp Cyg	1.2460	10500.	128	11392	No
296	GOM_NL__2PRFIN20040504_231846_000000852026_00316_11392_2182.N1	04-MAY-2004 23:18:46	Bright	85.000	66	37Gam Cyg	2.2080	5900.0	170	11392	No
297	GOM_NL__2PRFIN20040504_232250_000000932026_00316_11392_2183.N1	04-MAY-2004 23:22:50	Twi_and_stray	93.000	92	53Eps Cyg	2.5000	4500.0	186	11392	No
298	GOM_NL__2PRFIN20040504_232807_000000482026_00316_11392_2184.N1	04-MAY-2004 23:28:07	Dark	48.000	90	54Alp Peg	2.4870	11000.	96	11392	No
299	GOM_NL__2PRFIN20040504_233303_000000722026_00316_11392_2185.N1	04-MAY-2004 23:33:03	Dark	72.000	61	8Eps Peg	2.1000	3900.0	144	11392	No
300	GOM_NL__2PRFIN20040504_233545_000000482026_00316_11392_2186.N1	04-MAY-2004 23:35:45	Dark	48.000	52	16Bet Cet	2.0370	4500.0	96	11392	No
301	GOM_NL__2PRFIN20040504_233937_000000772026_00316_11392_2187.N1	04-MAY-2004 23:39:37	Dark	76.500	154	22Bet Aqr	2.8990	5700.0	153	11392	No
302	GOM_NL__2PRFIN20040504_234656_000000442026_00316_11392_2188.N1	04-MAY-2004 23:46:56	Dark	43.500	31	Alp Gru	1.7340	15200.	87	11392	No
303	GOM_NL__2PRFIN20040504_234920_000000402026_00317_11393_2156.N1	04-MAY-2004 23:49:20	Dark	40.000	148	Alp Tuc	2.8780	4100.0	80	11393	No
304	GOM_NL__2PRFIN20040504_235230_000000432026_00317_11393_2157.N1	04-MAY-2004 23:52:30	Dark	42.500	45	Alp Pav	1.9400	26000.	85	11393	No
305	GOM_NL__2PRFIN20040504_235847_000000452026_00317_11393_2158.N1	04-MAY-2004 23:58:47	Straylight	45.000	43	Alp TrA	1.9100	4250.0	90	11393	No

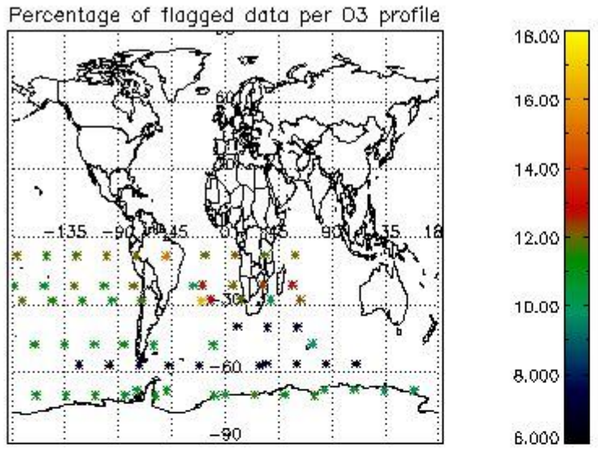
3. Quality information per product

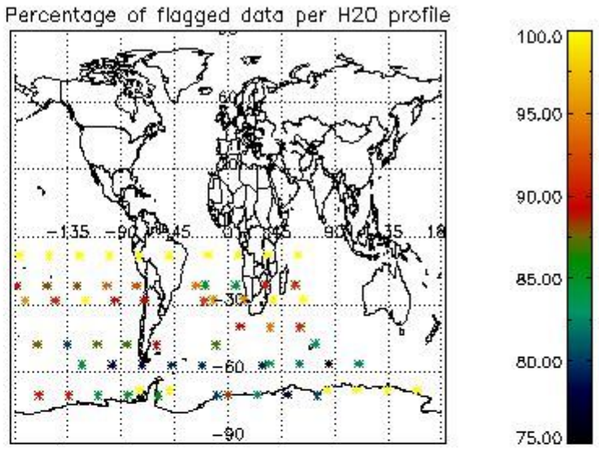
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

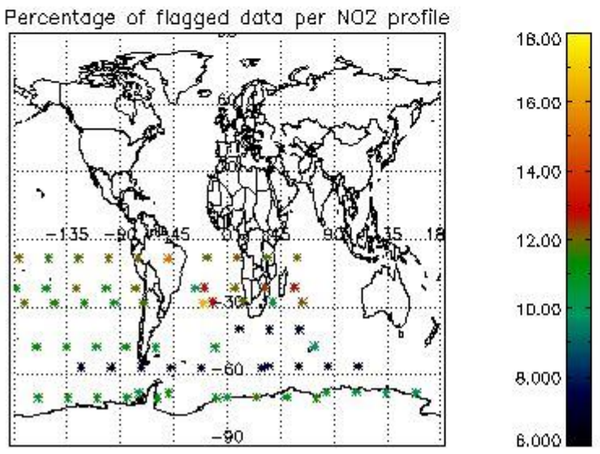
3.1 Plot quality information per product (time dependant)

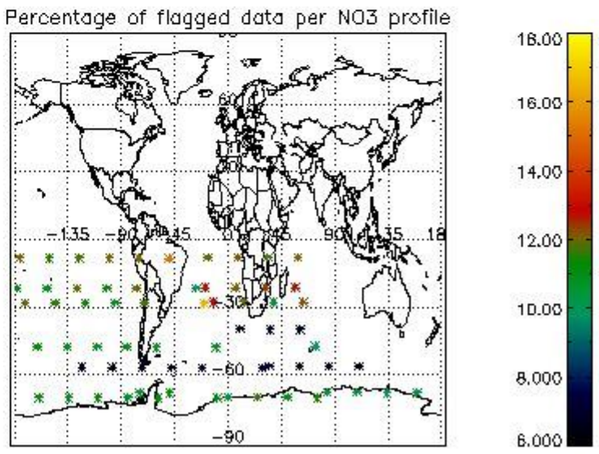


3.2 Plot quality information per product (world map)







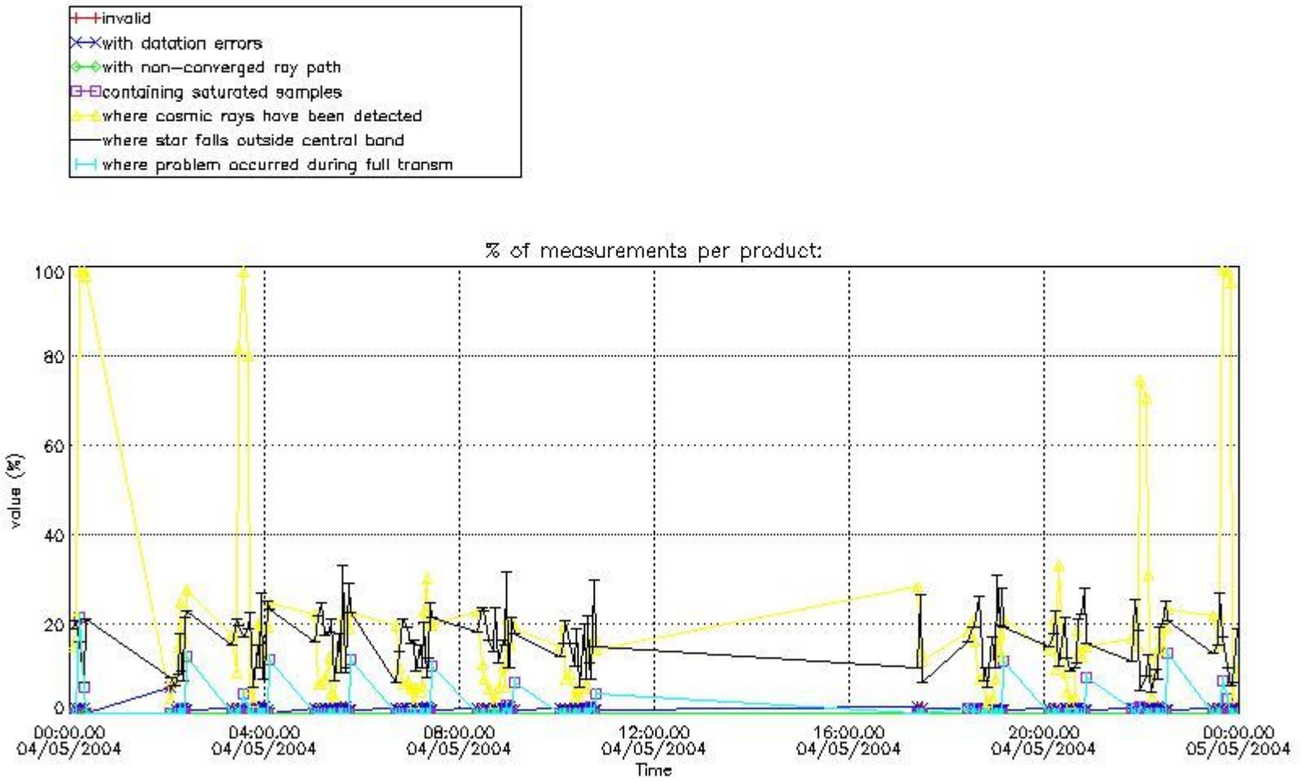


4. Level 1 quality information per product

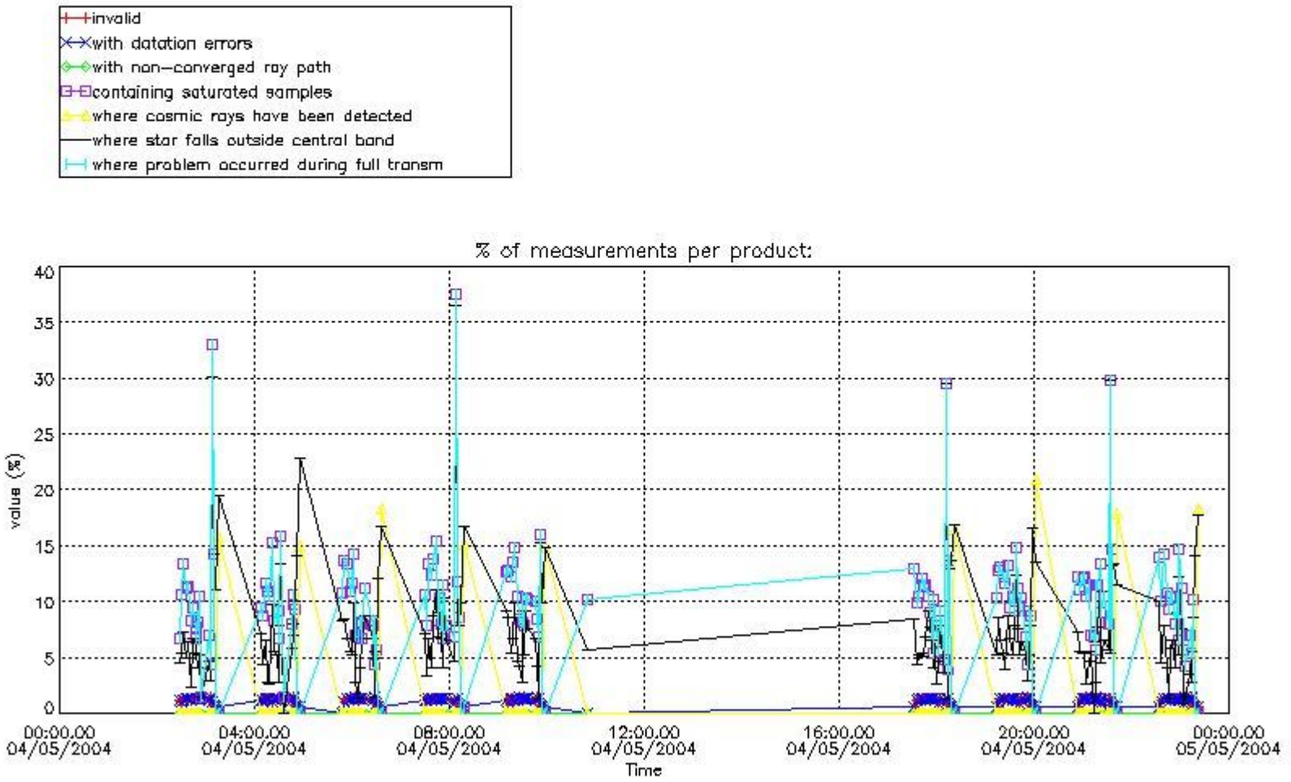
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processsing. Products without errors (error flag in the MPH set to "0") are used.

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

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

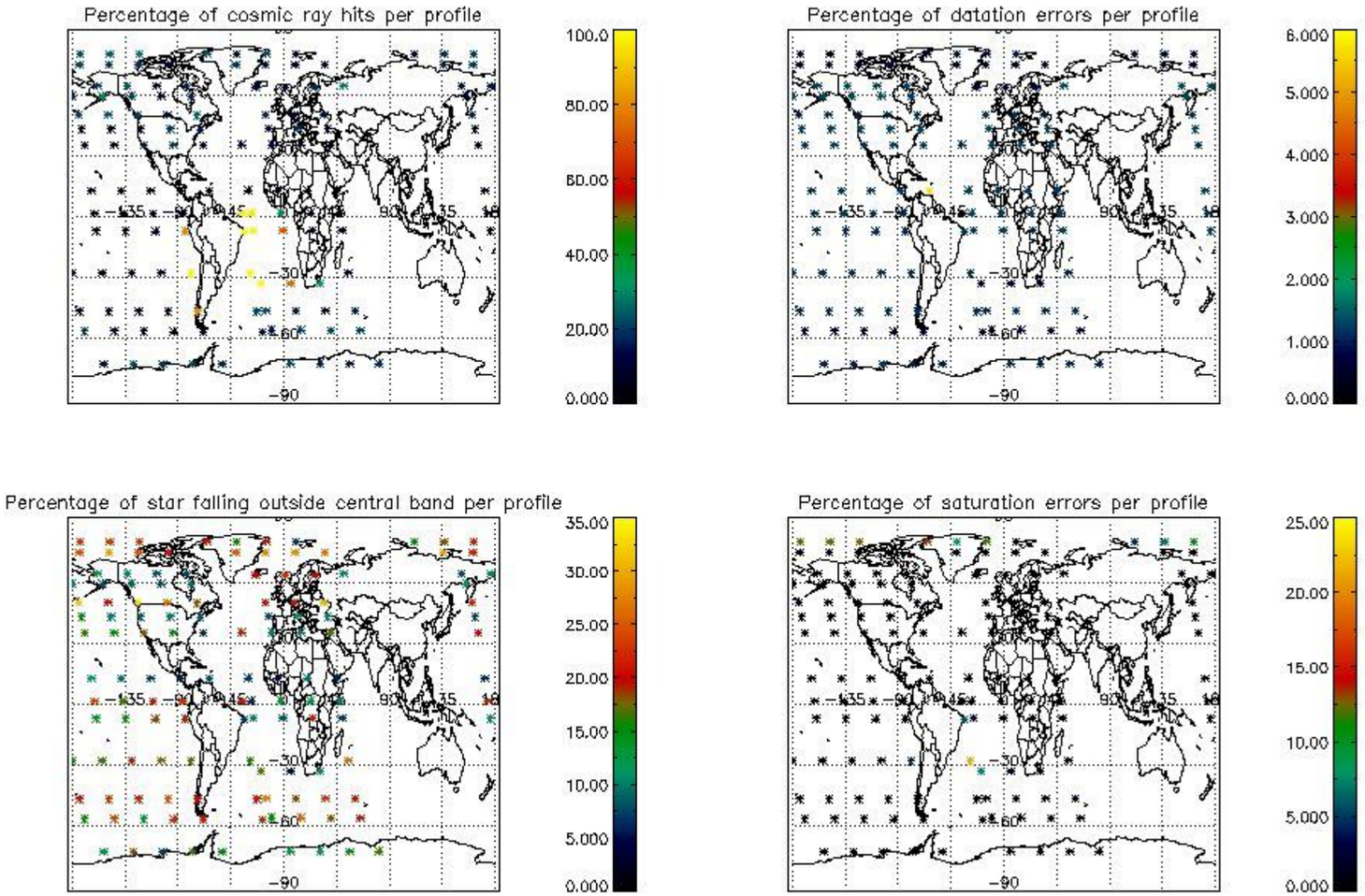


4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



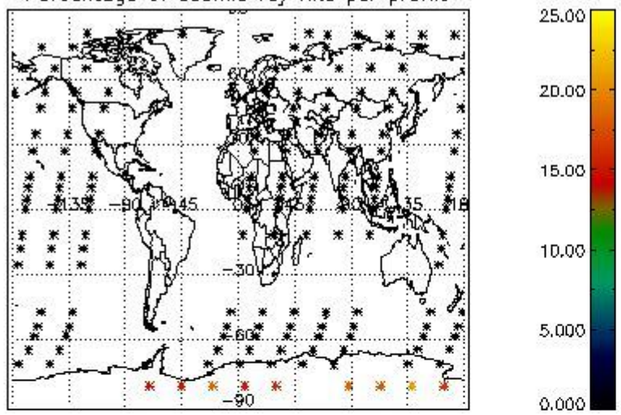
4.2 Plot quality information per product comming from level 1b processing (world map)

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

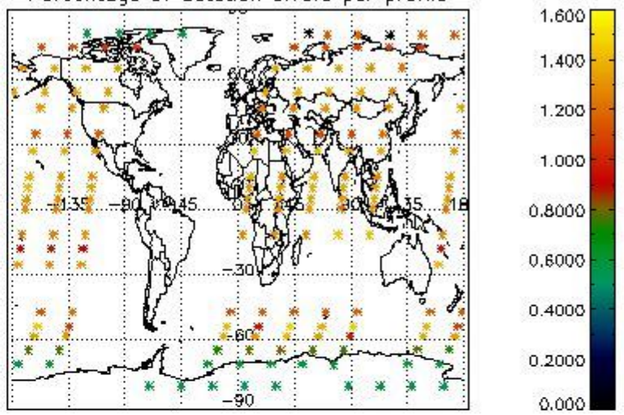


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

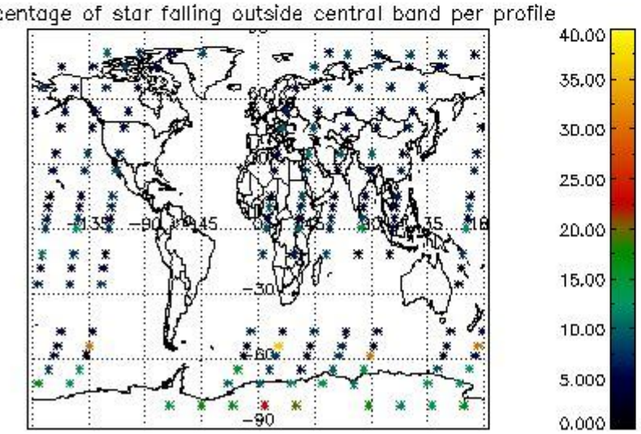
Percentage of cosmic ray hits per profile



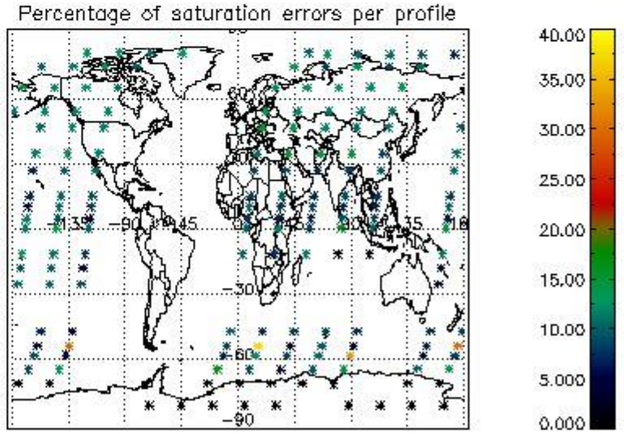
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

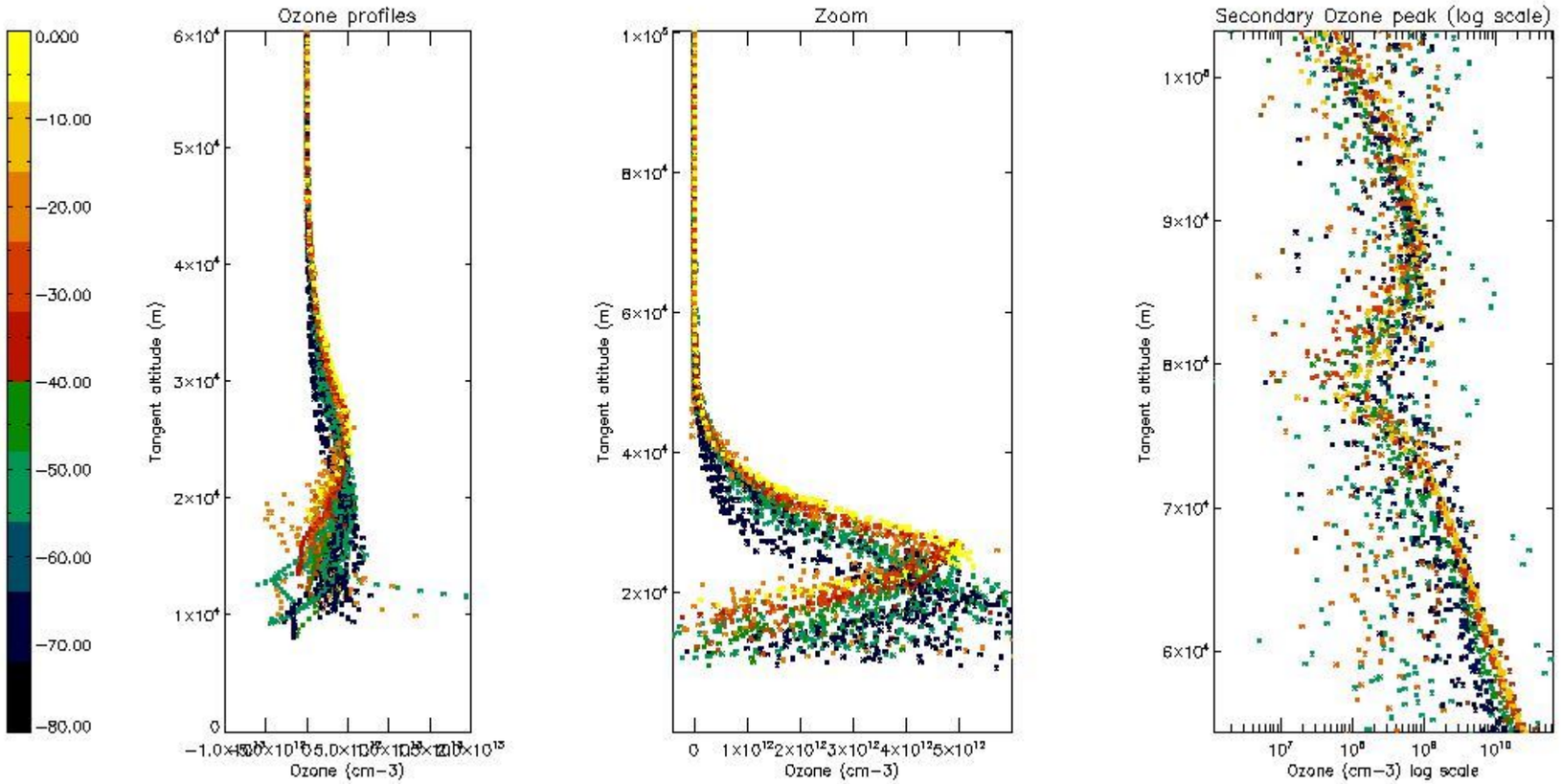
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	23
STD < 20	11

STD < 10	8
STD < 5	5

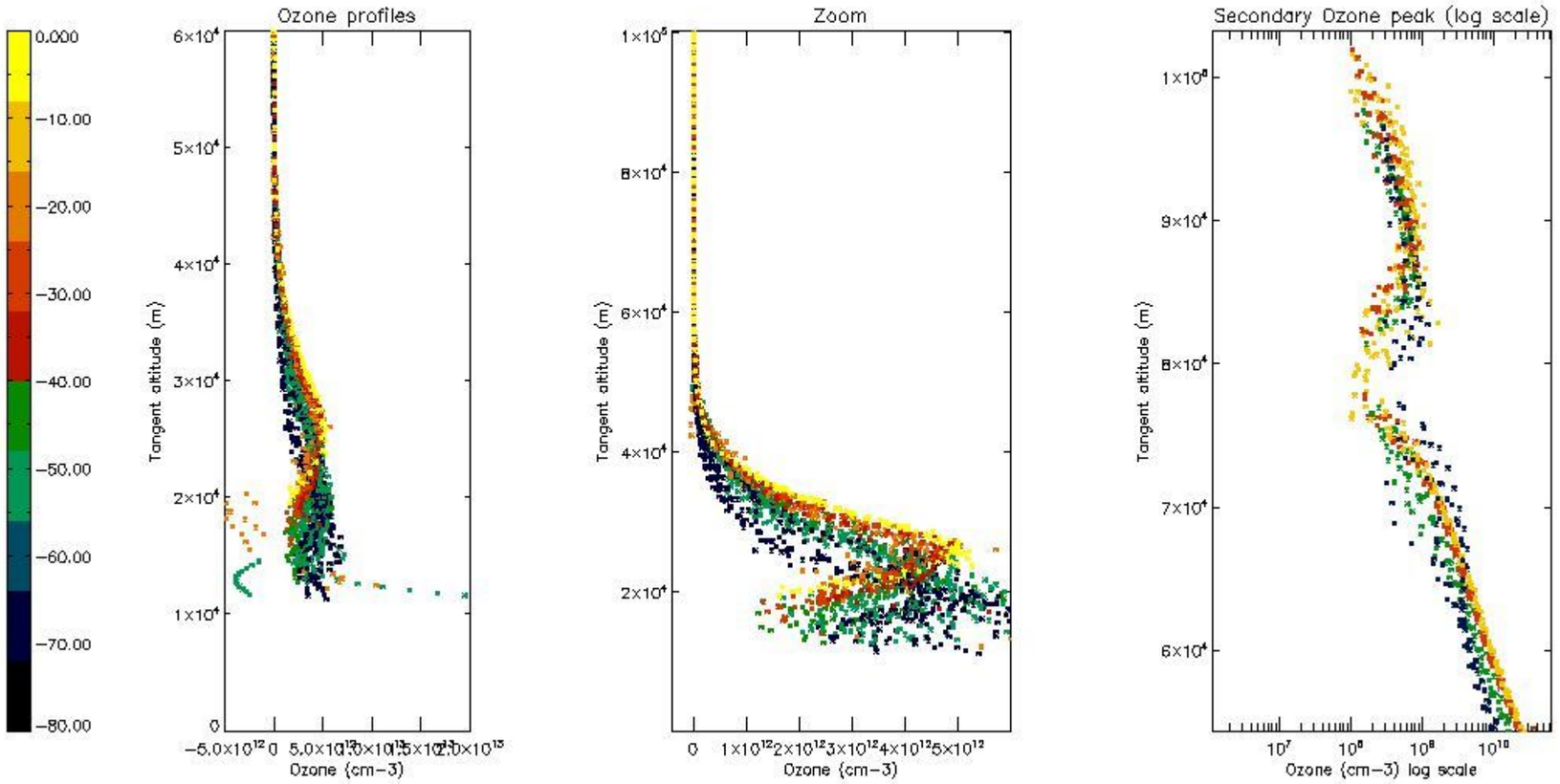
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



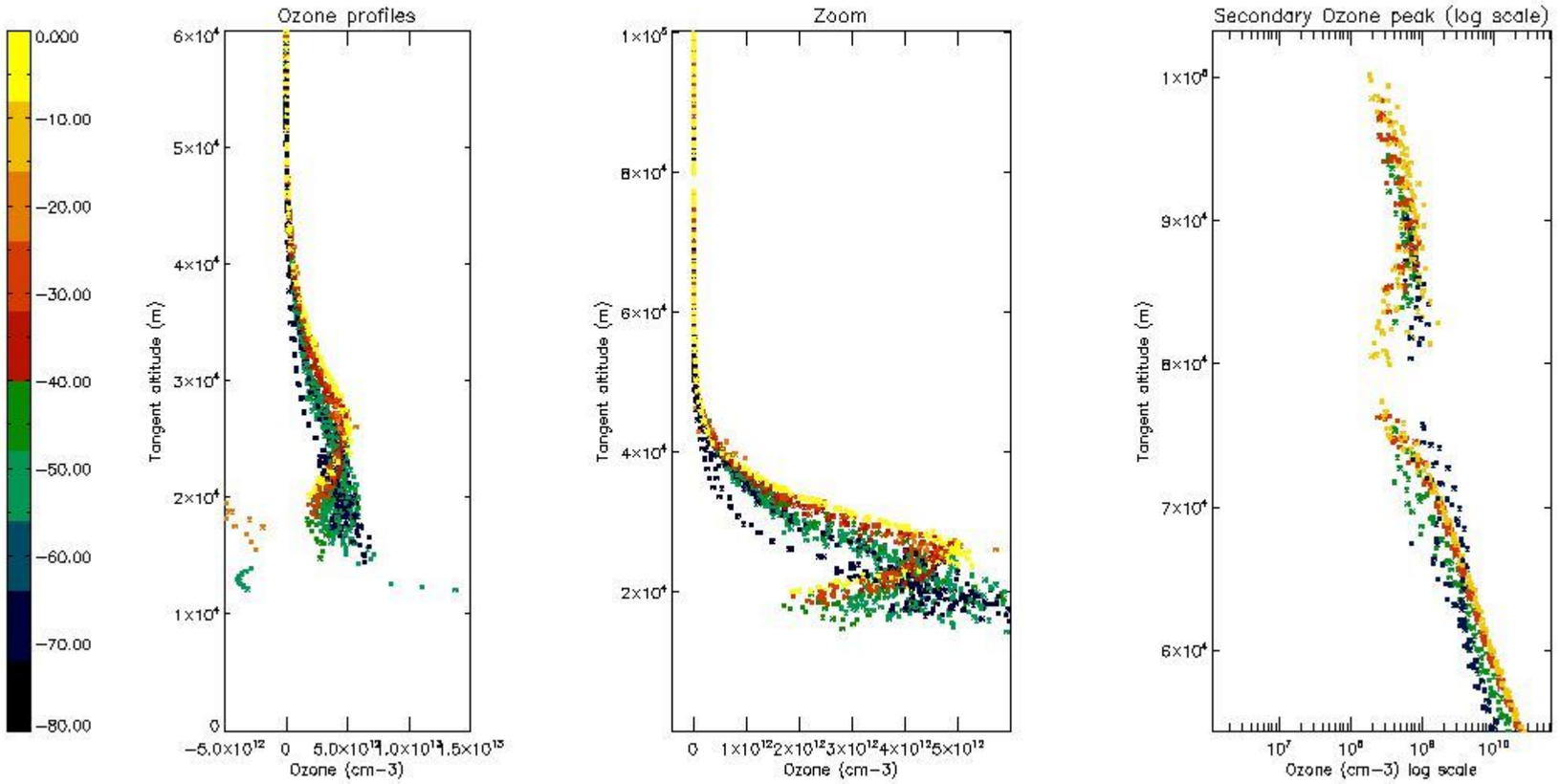
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



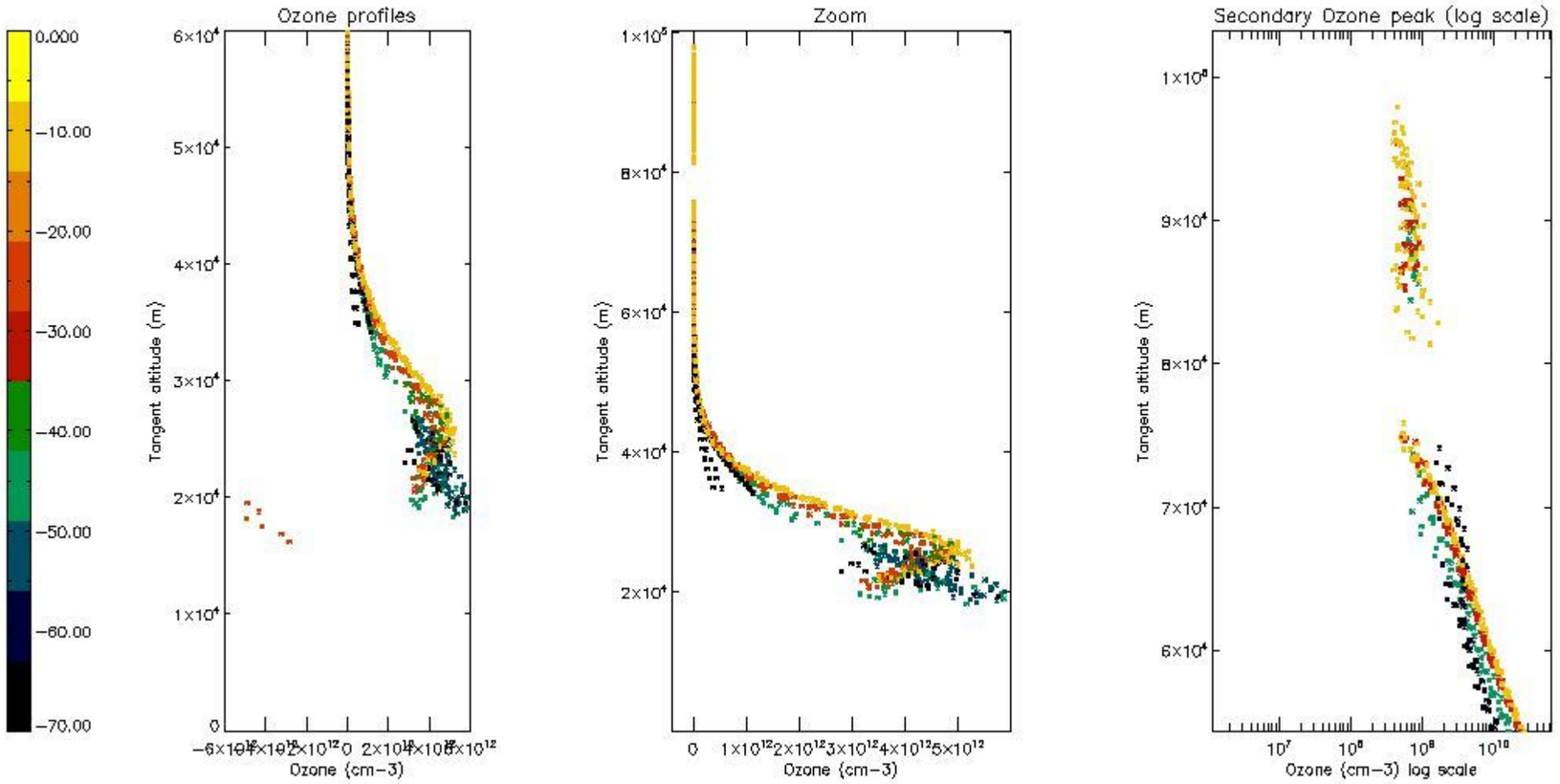
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



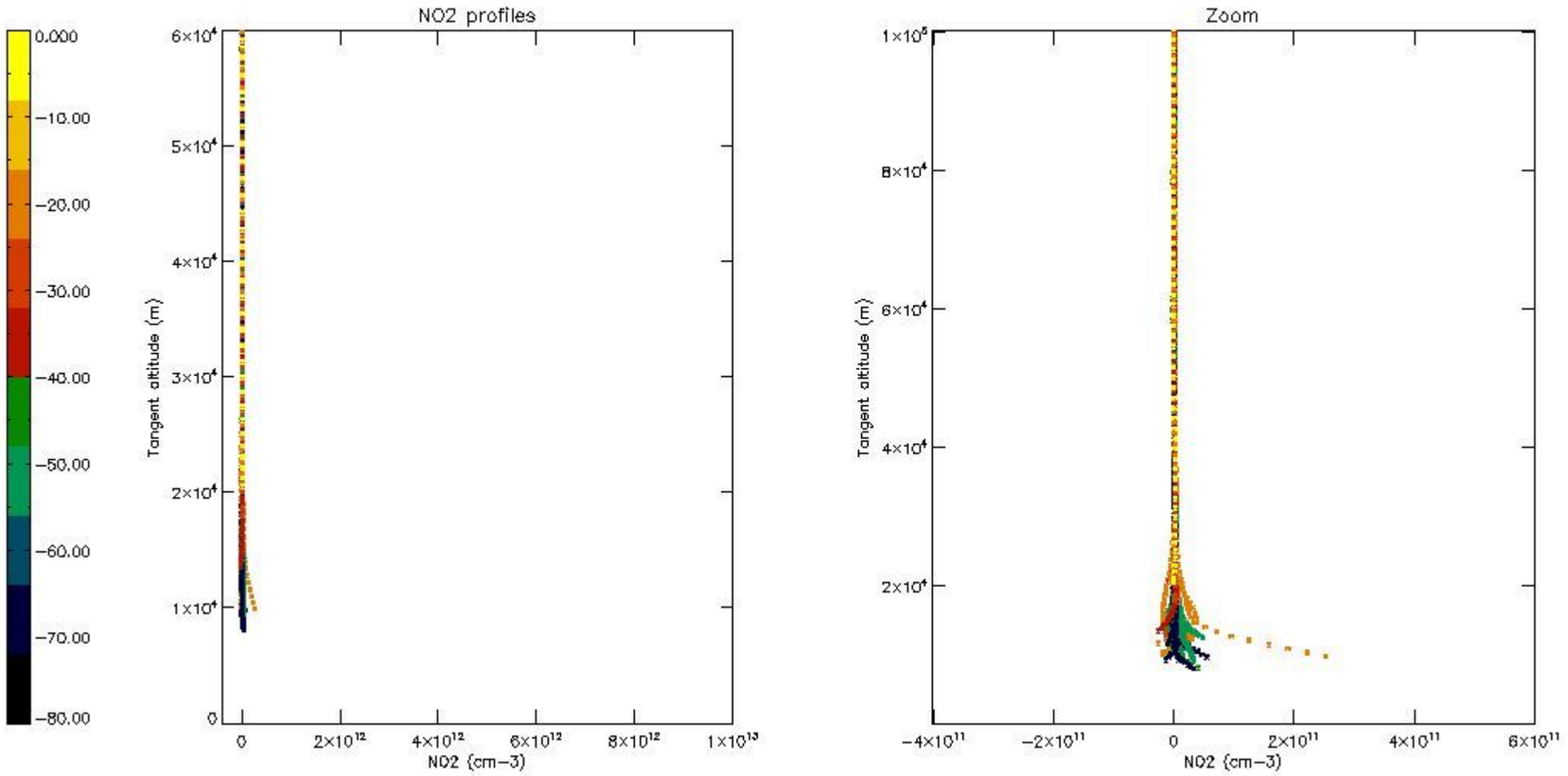
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



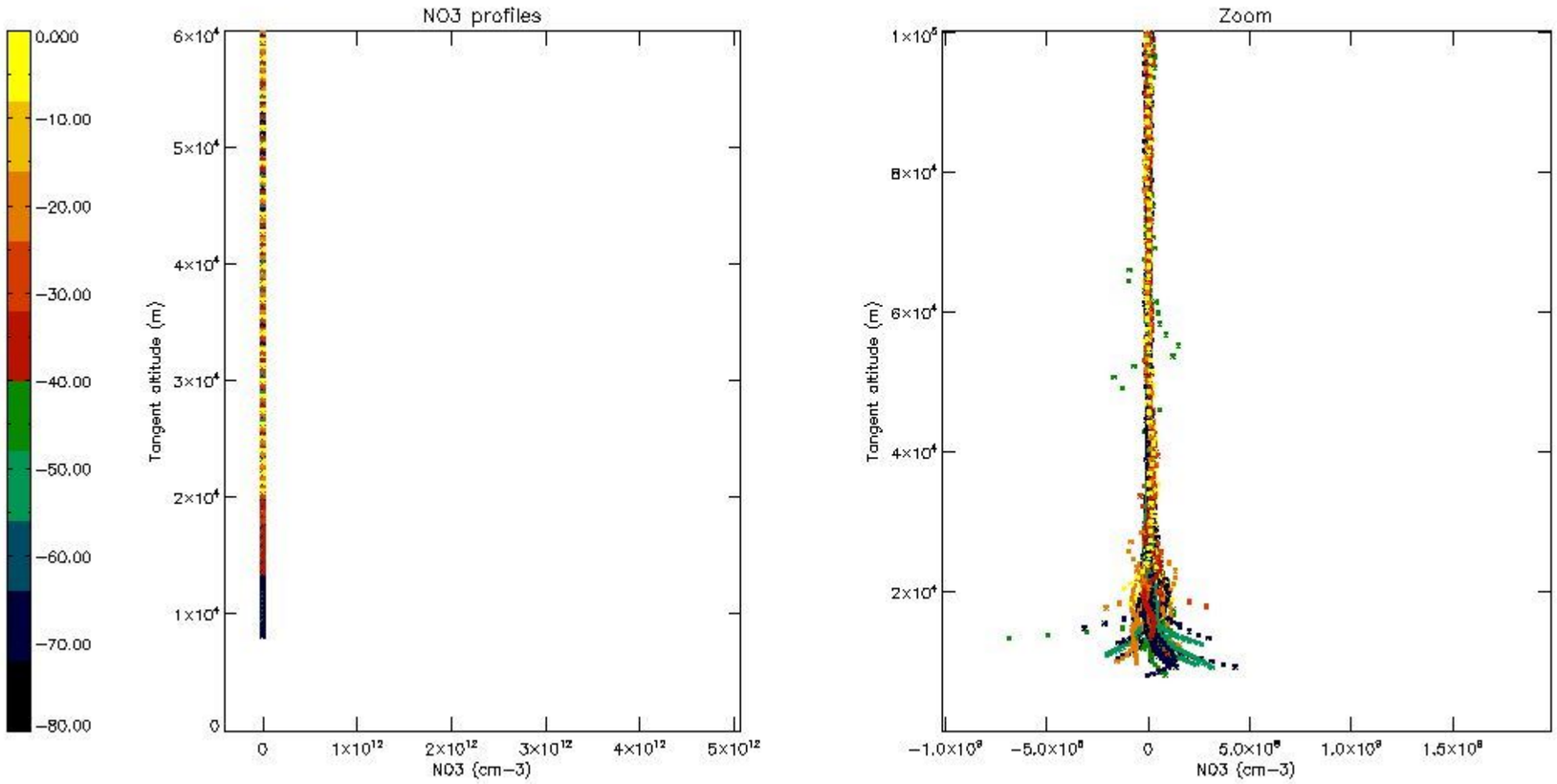
5.6 Plot NO2 profiles for all STD (dark without errors)

The colorbar represents the latitude.



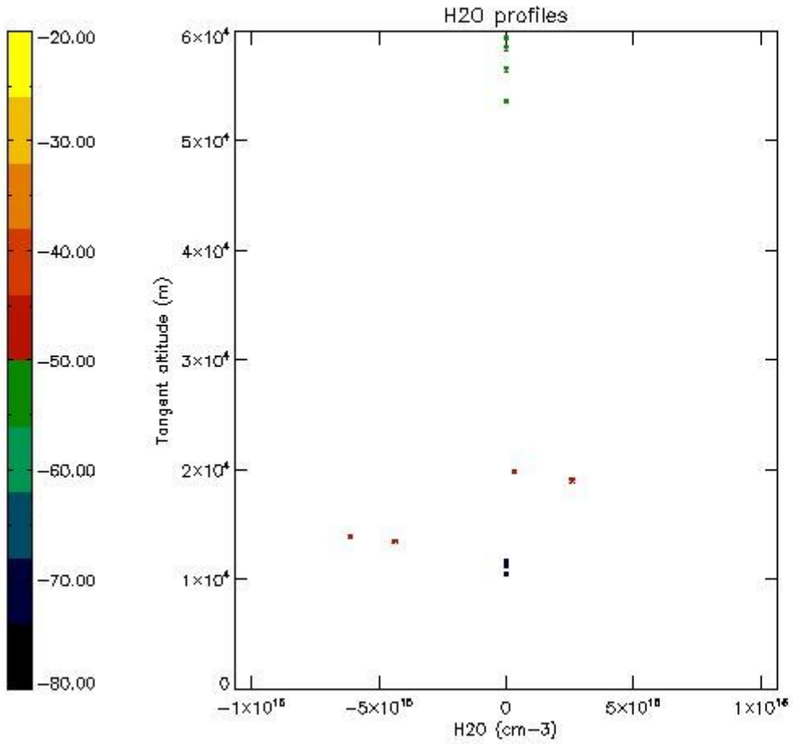
5.7 Plot NO3 profiles for all STD (dark without errors)

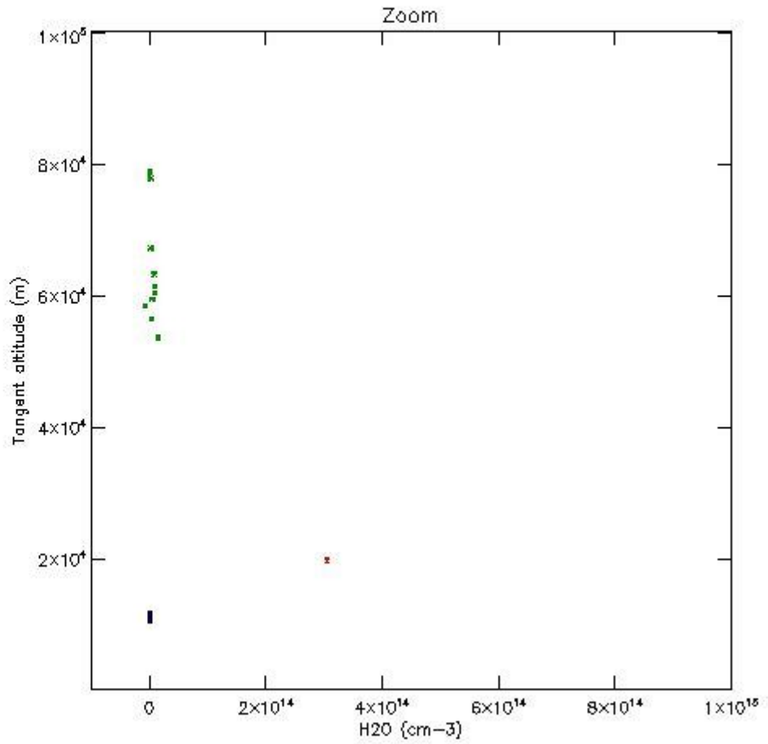
The colorbar represents the latitude.



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

The colorbar represents the latitude.





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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	04-MAY-2004 00:04:25
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	04-MAY-2004 00:04:25
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	04-MAY-2004 00:04:25

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 01:17:19
Data source version	GOMOS/6.01
Start time of products	04-05-2004 (04MAY2004 00:00:00)
Stop time of products	05-05-2004 (05MAY2004 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	305
Nb of prods with errors	1

2. Summary of processed GOM_NL__2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20040504_000425_000000752026_00302_11378_2161.N1	04-MAY-2004 00:04:25	Dark	74.500	61	8Eps Peg	2.1000	3900.0	149	11378	No
2	GOM_NL__2PRFIN20040504_000719_000000462026_00302_11378_2162.N1	04-MAY-2004 00:07:19	Dark	45.500	52	16Bet Cet	2.0370	4500.0	91	11378	No
3	GOM_NL__2PRFIN20040504_001236_000000472026_00302_11378_2163.N1	04-MAY-2004 00:12:36	Dark	46.500	18	24Alp PsA	1.1660	9700.0	93	11378	No
4	GOM_NL__2PRFIN20040504_001824_000000432026_00302_11378_2164.N1	04-MAY-2004 00:18:24	Dark	43.000	31	Alp Gru	1.7340	15200.	86	11378	No
5	GOM_NL__2PRFIN20040504_002050_000000502026_00303_11379_2134.N1	04-MAY-2004 00:20:50	Dark	49.500	148	Alp Tuc	2.8780	4100.0	99	11379	No
6	GOM_NL__2PRFIN20040504_020434_000000442026_00304_11380_2134.N1	04-MAY-2004 02:04:34	Dark	43.500	45	Alp Pav	1.9400	26000.	87	11380	No
7	GOM_NL__2PRFIN20040504_021055_000000402026_00304_11380_2135.N1	04-MAY-2004 02:10:55	Straylight	40.000	43	Alp TrA	1.9100	4250.0	80	11380	No
8	GOM_NL__2PRFIN20040504_021307_000000412026_00304_11380_2136.N1	04-MAY-2004 02:13:07	Straylight	40.500	134	Bet TrA	2.8100	6600.0	81	11380	No
9	GOM_NL__2PRFIN20040504_021505_000000452026_00304_11380_2137.N1	04-MAY-2004 02:15:05	Straylight	44.500	4	Alp1Cen	-0.010000	5800.0	89	11380	No
10	GOM_NL__2PRFIN20040504_021746_000000432026_00304_11380_2138.N1	04-MAY-2004 02:17:46	Straylight	42.500	77	Eps Cen	2.3030	28000.	85	11380	No
11	GOM_NL__2PRFIN20040504_021916_000000422026_00304_11380_2139.N1	04-MAY-2004 02:19:16	Straylight	41.500	95	Zet Cen	2.5450	26000.	83	11380	No
12	GOM_NL__2PRFIN20040504_022230_000000662026_00304_11380_2140.N1	04-MAY-2004 02:22:30	Twi_and_stray	65.500	16	21Alp Sco	1.0200	3000.0	131	11380	No
13	GOM_NL__2PRFIN20040504_022435_000000642026_00304_11380_2141.N1	04-MAY-2004 02:24:35	Twi_and_stray	63.500	80	7Del Sco	2.3160	30000.	127	11380	No
14	GOM_NL__2PRFIN20040504_022734_000000452026_00304_11380_2142.N1	04-MAY-2004 02:27:34	Bright	44.500	122	9Alp2Lib	2.7470	9700.0	89	11380	No
15	GOM_NL__2PRFIN20040504_022947_000000472026_00304_11380_2143.N1	04-MAY-2004 02:29:47	Bright	47.000	104	27Bet Lib	2.6140	13100.	94	11380	No
16	GOM_NL__2PRFIN20040504_023244_000000412026_00304_11380_2144.N1	04-MAY-2004 02:32:44	Bright	41.000	121	29Gam Vir	2.7400	7200.0	82	11380	No
17	GOM_NL__2PRFIN20040504_023558_000000402026_00304_11380_2145.N1	04-MAY-2004 02:35:58	Bright	40.000	138	47Eps Vir	2.8280	4700.0	80	11380	No
18	GOM_NL__2PRFIN20040504_023807_000000402026_00304_11380_2146.N1	04-MAY-2004 02:38:07	Bright	39.500	111	8Eta Boo	2.6800	6000.0	79	11380	No
19	GOM_NL__2PRFIN20040504_024134_000000422026_00304_11380_2147.N1	04-MAY-2004 02:41:34	Bright	42.000	83		2.3780	11000.	84	11380	No
20	GOM_NL__2PRFIN20040504_024341_000000372026_00304_11380_2148.N1	04-MAY-2004 02:43:41	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	11380	No
21	GOM_NL__2PRFIN20040504_024702_000000392026_00304_11380_2149.N1	04-MAY-2004 02:47:02	Bright	39.000	39	85Eta UMa	1.8540	24000.	78	11380	No
22	GOM_NL__2PRFIN20040504_024826_000000382026_00304_11380_2150.N1	04-MAY-2004 02:48:26	Bright	37.500	55	79Zet UMa	2.0600	10200.	75	11380	No
23	GOM_NL__2PRFIN20040504_024953_000000372026_00304_11380_2151.N1	04-MAY-2004 02:49:53	Bright	37.000	82	48Bet UMa	2.3650	10600.	74	11380	No
24	GOM_NL__2PRFIN20040504_025109_000000382026_00304_11380_2152.N1	04-MAY-2004 02:51:09	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	11380	No
25	GOM_NL__2PRFIN20040504_025430_000000362026_00304_11380_2153.N1	04-MAY-2004 02:54:30	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	11380	No
26	GOM_NL__2PRFIN20040504_030435_000000432026_00304_11380_2154.N1	04-MAY-2004 03:04:35	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	11380	No
27	GOM_NL__2PRFIN20040504_030627_000000352026_00304_11380_2155.N1	04-MAY-2004 03:06:27	Bright	34.500	110	37Del Cas	2.6780	8900.0	69	11380	No
28	GOM_NL__2PRFIN20040504_030745_000000522026_00304_11380_2156.N1	04-MAY-2004 03:07:45	Bright	51.500	68	18Alp Cas	2.2250	4500.0	103	11380	No
29	GOM_NL__2PRFIN20040504_030941_000000672026_00304_11380_2157.N1	04-MAY-2004 03:09:41	Bright	66.500	19	50Alp Cyg	1.2460	10500.	133	11380	No
30	GOM_NL__2PRFIN20040504_031140_000000822026_00304_11380_2158.N1	04-MAY-2004 03:11:40	Bright	81.500	66	37Gam Cyg	2.2080	5900.0	163	11380	No
31	GOM_NL__2PRFIN20040504_031538_000000932026_00304_11380_2159.N1	04-MAY-2004 03:15:38	Twi_and_stray	92.500	92	53Eps Cyg	2.5000	4500.0	185	11380	No
32	GOM_NL__2PRFIN20040504_032049_000000522026_00304_11380_2160.N1	04-MAY-2004 03:20:49	Twilight	52.000	90	54Alp Peg	2.4870	11000.	104	11380	No
33	GOM_NL__2PRFIN20040504_032539_000000762026_00304_11380_2161.N1	04-MAY-2004 03:25:39	Dark	75.500	61	8Eps Peg	2.1000	3900.0	151	11380	No
34	GOM_NL__2PRFIN20040504_032830_000000462026_00304_11380_2162.N1	04-MAY-2004 03:28:30	Dark	45.500	52	16Bet Cet	2.0370	4500.0	91	11380	No
35	GOM_NL__2PRFIN20040504_033349_000000472026_00304_11380_2163.N1	04-MAY-2004 03:33:49	Dark	47.000	18	24Alp PsA	1.1660	9700.0	94	11380	No
36	GOM_NL__2PRFIN20040504_033938_000000482026_00304_11380_2164.N1	04-MAY-2004 03:39:38	Dark	47.500	31	Alp Gru	1.7340	15200.	95	11380	No
37	GOM_NL__2PRFIN20040504_034206_000000472026_00305_11381_2135.N1	04-MAY-2004 03:42:06	Dark	46.500	148	Alp Tuc	2.8780	4100.0	93	11381	No
38	GOM_NL__2PRFIN20040504_034511_000000422026_00305_11381_2136.N1	04-MAY-2004 03:45:11	Dark	42.000	45	Alp Pav	1.9400	26000.	84	11381	No
39	GOM_NL__2PRFIN20040504_035132_000000432026_00305_11381_2137.N1	04-MAY-2004 03:51:32	Straylight	42.500	43	Alp TrA	1.9100	4250.0	85	11381	No
40	GOM_NL__2PRFIN20040504_035344_000000402026_00305_11381_2138.N1	04-MAY-2004 03:53:44	Straylight	40.000	134	Bet TrA	2.8100	6600.0	80	11381	No
41	GOM_NL__2PRFIN20040504_035543_000000492026_00305_11381_2139.N1	04-MAY-2004 03:55:43	Straylight	48.500	4	Alp1Cen	-0.010000	5800.0	97	11381	No
42	GOM_NL__2PRFIN20040504_035825_000000392026_00305_11381_2140.N1	04-MAY-2004 03:58:25	Straylight	39.000	77	Eps Cen	2.3030	28000.	78	11381	No

43	GOM_NL__2PRFIN20040504_035955_000000392026_00305_11381_2141.N1	04-MAY-2004 03:59:55	Straylight	38.500	95	Zet Cen	2.5450	26000.	77	11381	No
44	GOM_NL__2PRFIN20040504_040307_000000702026_00305_11381_2142.N1	04-MAY-2004 04:03:07	Twi_and_stray	69.500	16	21Alp Sco	1.0200	3000.0	139	11381	No
45	GOM_NL__2PRFIN20040504_040512_000000632026_00305_11381_2143.N1	04-MAY-2004 04:05:12	Twi_and_stray	62.500	80	7Del Sco	2.3160	30000.	125	11381	No
46	GOM_NL__2PRFIN20040504_040813_000000432026_00305_11381_2144.N1	04-MAY-2004 04:08:13	Bright	42.500	122	9Alp2Lib	2.7470	9700.0	85	11381	No
47	GOM_NL__2PRFIN20040504_041023_000000462026_00305_11381_2145.N1	04-MAY-2004 04:10:23	Bright	45.500	104	27Bet Lib	2.6140	13100.	91	11381	No
48	GOM_NL__2PRFIN20040504_041321_000000392026_00305_11381_2146.N1	04-MAY-2004 04:13:21	Bright	38.500	121	29Gam Vir	2.7400	7200.0	77	11381	No
49	GOM_NL__2PRFIN20040504_041637_000000372026_00305_11381_2147.N1	04-MAY-2004 04:16:37	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	11381	No
50	GOM_NL__2PRFIN20040504_041844_000000382026_00305_11381_2148.N1	04-MAY-2004 04:18:44	Bright	38.000	111	8Eta Boo	2.6800	6000.0	76	11381	No
51	GOM_NL__2PRFIN20040504_042209_000000462026_00305_11381_2149.N1	04-MAY-2004 04:22:09	Bright	46.000	83		2.3780	11000.	92	11381	No
52	GOM_NL__2PRFIN20040504_042418_000000372026_00305_11381_2150.N1	04-MAY-2004 04:24:18	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	11381	No
53	GOM_NL__2PRFIN20040504_042738_000000382026_00305_11381_2151.N1	04-MAY-2004 04:27:38	Bright	38.000	39	85Eta UMa	1.8540	24000.	76	11381	No
54	GOM_NL__2PRFIN20040504_042902_000000372026_00305_11381_2152.N1	04-MAY-2004 04:29:02	Bright	37.000	55	79Zet UMa	2.0600	10200.	74	11381	No
55	GOM_NL__2PRFIN20040504_043030_000000382026_00305_11381_2153.N1	04-MAY-2004 04:30:30	Bright	38.000	82	48Bet UMa	2.3650	10600.	76	11381	No
56	GOM_NL__2PRFIN20040504_043146_000000412026_00305_11381_2154.N1	04-MAY-2004 04:31:46	Bright	41.000	36	50Alp UMa	1.8000	6300.0	82	11381	No
57	GOM_NL__2PRFIN20040504_043507_000000352026_00305_11381_2155.N1	04-MAY-2004 04:35:07	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	11381	No
58	GOM_NL__2PRFIN20040504_044510_000000442026_00305_11381_2156.N1	04-MAY-2004 04:45:10	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	11381	No
59	GOM_NL__2PRFIN20040504_044703_000000362026_00305_11381_2157.N1	04-MAY-2004 04:47:03	Bright	36.000	110	37Del Cas	2.6780	8900.0	72	11381	No
60	GOM_NL__2PRFIN20040504_044822_000000382026_00305_11381_2158.N1	04-MAY-2004 04:48:22	Bright	37.500	68	18Alp Cas	2.2250	4500.0	75	11381	No
61	GOM_NL__2PRFIN20040504_045016_000000652026_00305_11381_2159.N1	04-MAY-2004 04:50:16	Bright	64.500	19	50Alp Cyg	1.2460	10500.	129	11381	No
62	GOM_NL__2PRFIN20040504_045215_000000852026_00305_11381_2160.N1	04-MAY-2004 04:52:15	Bright	85.000	66	37Gam Cyg	2.2080	5900.0	170	11381	No
63	GOM_NL__2PRFIN20040504_045614_000000972026_00305_11381_2161.N1	04-MAY-2004 04:56:14	Twi_and_stray	96.500	92	53Eps Cyg	2.5000	4500.0	193	11381	No
64	GOM_NL__2PRFIN20040504_050128_000000502026_00305_11381_2162.N1	04-MAY-2004 05:01:28	Twilight	49.500	90	54Alp Peg	2.4870	11000.	99	11381	No
65	GOM_NL__2PRFIN20040504_050616_000000782026_00305_11381_2163.N1	04-MAY-2004 05:06:16	Dark	77.500	61	8Eps Peg	2.1000	3900.0	155	11381	No
66	GOM_NL__2PRFIN20040504_050907_000000472026_00305_11381_2164.N1	04-MAY-2004 05:09:07	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	11381	No
67	GOM_NL__2PRFIN20040504_051427_000000462026_00305_11381_2165.N1	04-MAY-2004 05:14:27	Dark	45.500	18	24Alp PsA	1.1660	9700.0	91	11381	No
68	GOM_NL__2PRFIN20040504_052015_000000472026_00305_11381_2166.N1	04-MAY-2004 05:20:15	Dark	46.500	31	Alp Gru	1.7340	15200.	93	11381	No
69	GOM_NL__2PRFIN20040504_052242_000000452026_00306_11382_2155.N1	04-MAY-2004 05:22:42	Dark	45.000	148	Alp Tuc	2.8780	4100.0	90	11382	No
70	GOM_NL__2PRFIN20040504_052548_000000422026_00306_11382_2156.N1	04-MAY-2004 05:25:48	Dark	42.000	45	Alp Pav	1.9400	26000.	84	11382	No
71	GOM_NL__2PRFIN20040504_053209_000000452026_00306_11382_2157.N1	04-MAY-2004 05:32:09	Straylight	44.500	43	Alp TrA	1.9100	4250.0	89	11382	No
72	GOM_NL__2PRFIN20040504_053421_000000392026_00306_11382_2158.N1	04-MAY-2004 05:34:21	Straylight	39.000	134	Bet TrA	2.8100	6600.0	78	11382	No
73	GOM_NL__2PRFIN20040504_053619_000000522026_00306_11382_2159.N1	04-MAY-2004 05:36:19	Straylight	51.500	4	Alp1Cen	-0.010000	5800.0	103	11382	No
74	GOM_NL__2PRFIN20040504_053902_000000392026_00306_11382_2160.N1	04-MAY-2004 05:39:02	Straylight	38.500	77	Eps Cen	2.3030	28000.	77	11382	No
75	GOM_NL__2PRFIN20040504_054031_000000392026_00306_11382_2161.N1	04-MAY-2004 05:40:31	Straylight	39.000	95	Zet Cen	2.5450	26000.	78	11382	No
76	GOM_NL__2PRFIN20040504_054343_000000742026_00306_11382_2162.N1	04-MAY-2004 05:43:43	Twi_and_stray	73.500	16	21Alp Sco	1.0200	3000.0	147	11382	No
77	GOM_NL__2PRFIN20040504_054548_000000622026_00306_11382_2163.N1	04-MAY-2004 05:45:48	Twi_and_stray	62.000	80	7Del Sco	2.3160	30000.	124	11382	No
78	GOM_NL__2PRFIN20040504_054850_000000422026_00306_11382_2164.N1	04-MAY-2004 05:48:50	Bright	42.000	122	9Alp2Lib	2.7470	9700.0	84	11382	No
79	GOM_NL__2PRFIN20040504_055059_000000482026_00306_11382_2165.N1	04-MAY-2004 05:50:59	Bright	47.500	104	27Bet Lib	2.6140	13100.	95	11382	No
80	GOM_NL__2PRFIN20040504_055359_000000382026_00306_11382_2166.N1	04-MAY-2004 05:53:59	Bright	37.500	121	29Gam Vir	2.7400	7200.0	75	11382	No
81	GOM_NL__2PRFIN20040504_055714_000000372026_00306_11382_2167.N1	04-MAY-2004 05:57:14	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	11382	No
82	GOM_NL__2PRFIN20040504_055920_000000392026_00306_11382_2168.N1	04-MAY-2004 05:59:20	Bright	38.500	111	8Eta Boo	2.6800	6000.0	77	11382	No
83	GOM_NL__2PRFIN20040504_060245_000000462026_00306_11382_2169.N1	04-MAY-2004 06:02:45	Bright	45.500	83		2.3780	11000.	91	11382	No
84	GOM_NL__2PRFIN20040504_060454_000000362026_00306_11382_2170.N1	04-MAY-2004 06:04:54	Bright	35.500	152	12Alp2CVn	2.8900	11000.	71	11382	No
85	GOM_NL__2PRFIN20040504_060814_000000372026_00306_11382_2171.N1	04-MAY-2004 06:08:14	Bright	36.500	39	85Eta UMa	1.8540	24000.	73	11382	No
86	GOM_NL__2PRFIN20040504_060938_000000372026_00306_11382_2172.N1	04-MAY-2004 06:09:38	Bright	37.000	55	79Zet UMa	2.0600	10200.	74	11382	No
87	GOM_NL__2PRFIN20040504_061106_000000382026_00306_11382_2173.N1	04-MAY-2004 06:11:06	Bright	37.500	82	48Bet UMa	2.3650	10600.	75	11382	No
88	GOM_NL__2PRFIN20040504_061222_000000382026_00306_11382_2174.N1	04-MAY-2004 06:12:22	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	11382	No
89	GOM_NL__2PRFIN20040504_061542_000000402026_00306_11382_2175.N1	04-MAY-2004 06:15:42	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	11382	No
90	GOM_NL__2PRFIN20040504_062545_000000452026_00306_11382_2176.N1	04-MAY-2004 06:25:45	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	11382	No
91	GOM_NL__2PRFIN20040504_062739_000000342026_00306_11382_2177.N1	04-MAY-2004 06:27:39	Bright	34.000	110	37Del Cas	2.6780	8900.0	68	11382	No
92	GOM_NL__2PRFIN20040504_062858_000000362026_00306_11382_2178.N1	04-MAY-2004 06:28:58	Bright	36.000	68	18Alp Cas	2.2250	4500.0	72	11382	No
93	GOM_NL__2PRFIN20040504_063052_000000622026_00306_11382_2179.N1	04-MAY-2004 06:30:52	Bright	61.500	19	50Alp Cyg	1.2460	10500.	123	11382	No
94	GOM_NL__2PRFIN20040504_063250_000000832026_00306_11382_2180.N1	04-MAY-2004 06:32:50	Bright	83.000	66	37Gam Cyg	2.2080	5900.0	166	11382	No
95	GOM_NL__2PRFIN20040504_063650_000000902026_00306_11382_2181.N1	04-MAY-2004 06:36:50	Twi_and_stray	90.000	92	53Eps Cyg	2.5000	4500.0	180	11382	No
96	GOM_NL__2PRFIN20040504_064205_000000442026_00306_11382_2182.N1	04-MAY-2004 06:42:05	Twilight	43.500	90	54Alp Peg	2.4870	11000.	87	11382	No
97	GOM_NL__2PRFIN20040504_064653_000000692026_00306_11382_2183.N1	04-MAY-2004 06:46:53	Dark	69.000	61	8Eps Peg	2.1000	3900.0	138	11382	No
98	GOM_NL__2PRFIN20040504_064943_000000452026_00306_11382_2184.N1	04-MAY-2004 06:49:43	Dark	45.000	52	16Bet Cet	2.0370	4500.0	90	11382	No
99	GOM_NL__2PRFIN20040504_065503_000000472026_00306_11382_2185.N1	04-MAY-2004 06:55:03	Dark	47.000	18	24Alp PsA	1.1660	9700.0	94	11382	No
100	GOM_NL__2PRFIN20040504_070052_000000452026_00306_11382_2186.N1	04-MAY-2004 07:00:52	Dark	45.000	31	Alp Gru	1.7340	15200.	90	11382	No
101	GOM_NL__2PRFIN20040504_070319_000000432026_00307_11383_2155.N1	04-MAY-2004 07:03:19	Dark	42.500	148	Alp Tuc	2.8780	4100.0	85	11383	No

102	GOM_NL__2PRFIN20040504_070625_000000432026_00307_11383_2156.N1	04-MAY-2004 07:06:25	Dark	43.000	45	Alp Pav	1.9400	26000.	86	11383	No
103	GOM_NL__2PRFIN20040504_071245_000000432026_00307_11383_2157.N1	04-MAY-2004 07:12:45	Straylight	42.500	43	Alp TrA	1.9100	4250.0	85	11383	No
104	GOM_NL__2PRFIN20040504_071457_000000402026_00307_11383_2158.N1	04-MAY-2004 07:14:57	Straylight	39.500	134	Bet TrA	2.8100	6600.0	79	11383	No
105	GOM_NL__2PRFIN20040504_071656_000000442026_00307_11383_2159.N1	04-MAY-2004 07:16:56	Straylight	44.000	4	Alp1Cen	-0.010000	5800.0	88	11383	No
106	GOM_NL__2PRFIN20040504_071938_000000382026_00307_11383_2160.N1	04-MAY-2004 07:19:38	Straylight	38.000	77	Eps Cen	2.3030	28000.	76	11383	No
107	GOM_NL__2PRFIN20040504_072107_000000412026_00307_11383_2161.N1	04-MAY-2004 07:21:07	Straylight	40.500	95	Zet Cen	2.5450	26000.	81	11383	No
108	GOM_NL__2PRFIN20040504_072419_000000692026_00307_11383_2162.N1	04-MAY-2004 07:24:19	Twi_and_stray	69.000	16	21Alp Sco	1.0200	3000.0	138	11383	No
109	GOM_NL__2PRFIN20040504_072625_000000612026_00307_11383_2163.N1	04-MAY-2004 07:26:25	Twi_and_stray	61.000	80	7Del Sco	2.3160	30000.	122	11383	No
110	GOM_NL__2PRFIN20040504_072926_000000432026_00307_11383_2164.N1	04-MAY-2004 07:29:26	Bright	42.500	122	9Alp2Lib	2.7470	9700.0	85	11383	No
111	GOM_NL__2PRFIN20040504_073135_000000452026_00307_11383_2165.N1	04-MAY-2004 07:31:35	Bright	44.500	104	27Bet Lib	2.6140	13100.	89	11383	No
112	GOM_NL__2PRFIN20040504_073435_000000382026_00307_11383_2166.N1	04-MAY-2004 07:34:35	Bright	37.500	121	29Gam Vir	2.7400	7200.0	75	11383	No
113	GOM_NL__2PRFIN20040504_073750_000000372026_00307_11383_2167.N1	04-MAY-2004 07:37:50	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	11383	No
114	GOM_NL__2PRFIN20040504_073956_000000402026_00307_11383_2168.N1	04-MAY-2004 07:39:56	Bright	40.000	111	8Eta Boo	2.6800	6000.0	80	11383	No
115	GOM_NL__2PRFIN20040504_074321_000000462026_00307_11383_2169.N1	04-MAY-2004 07:43:21	Bright	45.500	83		2.3780	11000.	91	11383	No
116	GOM_NL__2PRFIN20040504_074530_000000372026_00307_11383_2170.N1	04-MAY-2004 07:45:30	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	11383	No
117	GOM_NL__2PRFIN20040504_074850_000000392026_00307_11383_2171.N1	04-MAY-2004 07:48:50	Bright	39.000	39	85Eta UMa	1.8540	24000.	78	11383	No
118	GOM_NL__2PRFIN20040504_075014_000000382026_00307_11383_2172.N1	04-MAY-2004 07:50:14	Bright	37.500	55	79Zet UMa	2.0600	10200.	75	11383	No
119	GOM_NL__2PRFIN20040504_075142_000000372026_00307_11383_2173.N1	04-MAY-2004 07:51:42	Bright	37.000	82	48Bet UMa	2.3650	10600.	74	11383	No
120	GOM_NL__2PRFIN20040504_075259_000000392026_00307_11383_2174.N1	04-MAY-2004 07:52:59	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	11383	No
121	GOM_NL__2PRFIN20040504_075618_000000392026_00307_11383_2175.N1	04-MAY-2004 07:56:18	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	11383	No
122	GOM_NL__2PRFIN20040504_080621_000000442026_00307_11383_2176.N1	04-MAY-2004 08:06:21	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	11383	No
123	GOM_NL__2PRFIN20040504_080815_000000522026_00307_11383_2177.N1	04-MAY-2004 08:08:15	Bright	52.000	110	37Del Cas	2.6780	8900.0	104	11383	No
124	GOM_NL__2PRFIN20040504_080934_000000382026_00307_11383_2178.N1	04-MAY-2004 08:09:34	Bright	38.000	68	18Alp Cas	2.2250	4500.0	76	11383	No
125	GOM_NL__2PRFIN20040504_081127_000000642026_00307_11383_2179.N1	04-MAY-2004 08:11:27	Bright	64.000	19	50Alp Cyg	1.2460	10500.	128	11383	No
126	GOM_NL__2PRFIN20040504_081326_000000812026_00307_11383_2180.N1	04-MAY-2004 08:13:26	Bright	81.000	66	37Gam Cyg	2.2080	5900.0	162	11383	No
127	GOM_NL__2PRFIN20040504_081726_000000902026_00307_11383_2181.N1	04-MAY-2004 08:17:26	Twi_and_stray	89.500	92	53Eps Cyg	2.5000	4500.0	179	11383	No
128	GOM_NL__2PRFIN20040504_082241_000000502026_00307_11383_2182.N1	04-MAY-2004 08:22:41	Dark	50.000	90	54Alp Peg	2.4870	11000.	100	11383	No
129	GOM_NL__2PRFIN20040504_082730_000000792026_00307_11383_2183.N1	04-MAY-2004 08:27:30	Dark	78.500	61	8Eps Peg	2.1000	3900.0	157	11383	No
130	GOM_NL__2PRFIN20040504_083020_000000462026_00307_11383_2184.N1	04-MAY-2004 08:30:20	Dark	46.000	52	16Bet Cet	2.0370	4500.0	92	11383	No
131	GOM_NL__2PRFIN20040504_083540_000000462026_00307_11383_2185.N1	04-MAY-2004 08:35:40	Dark	45.500	18	24Alp PsA	1.1660	9700.0	91	11383	No
132	GOM_NL__2PRFIN20040504_084128_000000442026_00307_11383_2186.N1	04-MAY-2004 08:41:28	Dark	44.000	31	Alp Gru	1.7340	15200.	88	11383	No
133	GOM_NL__2PRFIN20040504_084355_000000472026_00308_11384_2249.N1	04-MAY-2004 08:43:55	Dark	46.500	148	Alp Tuc	2.8780	4100.0	93	11384	No
134	GOM_NL__2PRFIN20040504_084701_000000442026_00308_11384_2250.N1	04-MAY-2004 08:47:01	Dark	44.000	45	Alp Pav	1.9400	26000.	88	11384	No
135	GOM_NL__2PRFIN20040504_085321_000000432026_00308_11384_2251.N1	04-MAY-2004 08:53:21	Straylight	43.000	43	Alp TrA	1.9100	4250.0	86	11384	No
136	GOM_NL__2PRFIN20040504_085533_000000432026_00308_11384_2252.N1	04-MAY-2004 08:55:33	Straylight	42.500	134	Bet TrA	2.8100	6600.0	85	11384	No
137	GOM_NL__2PRFIN20040504_085731_000000522026_00308_11384_2253.N1	04-MAY-2004 08:57:31	Straylight	52.000	4	Alp1Cen	-0.010000	5800.0	104	11384	No
138	GOM_NL__2PRFIN20040504_090014_000000402026_00308_11384_2254.N1	04-MAY-2004 09:00:14	Straylight	39.500	77	Eps Cen	2.3030	28000.	79	11384	No
139	GOM_NL__2PRFIN20040504_090144_000000392026_00308_11384_2255.N1	04-MAY-2004 09:01:44	Straylight	39.000	95	Zet Cen	2.5450	26000.	78	11384	No
140	GOM_NL__2PRFIN20040504_090456_000000652026_00308_11384_2256.N1	04-MAY-2004 09:04:56	Twi_and_stray	65.000	16	21Alp Sco	1.0200	3000.0	130	11384	No
141	GOM_NL__2PRFIN20040504_090701_000000592026_00308_11384_2257.N1	04-MAY-2004 09:07:01	Twi_and_stray	58.500	80	7Del Sco	2.3160	30000.	117	11384	No
142	GOM_NL__2PRFIN20040504_091002_000000442026_00308_11384_2258.N1	04-MAY-2004 09:10:02	Bright	43.500	122	9Alp2Lib	2.7470	9700.0	87	11384	No
143	GOM_NL__2PRFIN20040504_091211_000000472026_00308_11384_2259.N1	04-MAY-2004 09:12:11	Bright	47.000	104	27Bet Lib	2.6140	13100.	94	11384	No
144	GOM_NL__2PRFIN20040504_091511_000000372026_00308_11384_2260.N1	04-MAY-2004 09:15:11	Bright	37.000	121	29Gam Vir	2.7400	7200.0	74	11384	No
145	GOM_NL__2PRFIN20040504_091826_000000372026_00308_11384_2261.N1	04-MAY-2004 09:18:26	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	11384	No
146	GOM_NL__2PRFIN20040504_092031_000000412026_00308_11384_2262.N1	04-MAY-2004 09:20:31	Bright	40.500	111	8Eta Boo	2.6800	6000.0	81	11384	No
147	GOM_NL__2PRFIN20040504_092356_000000432026_00308_11384_2263.N1	04-MAY-2004 09:23:56	Bright	43.000	83		2.3780	11000.	86	11384	No
148	GOM_NL__2PRFIN20040504_092606_000000362026_00308_11384_2264.N1	04-MAY-2004 09:26:06	Bright	35.500	152	12Alp2CVn	2.8900	11000.	71	11384	No
149	GOM_NL__2PRFIN20040504_092925_000000372026_00308_11384_2265.N1	04-MAY-2004 09:29:25	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	11384	No
150	GOM_NL__2PRFIN20040504_093050_000000392026_00308_11384_2266.N1	04-MAY-2004 09:30:50	Bright	38.500	55	79Zet UMa	2.0600	10200.	77	11384	No
151	GOM_NL__2PRFIN20040504_093218_000000382026_00308_11384_2267.N1	04-MAY-2004 09:32:18	Bright	38.000	82	48Bet UMa	2.3650	10600.	76	11384	No
152	GOM_NL__2PRFIN20040504_093335_000000392026_00308_11384_2268.N1	04-MAY-2004 09:33:35	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	11384	No
153	GOM_NL__2PRFIN20040504_093654_000000402026_00308_11384_2269.N1	04-MAY-2004 09:36:54	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	11384	No
154	GOM_NL__2PRFIN20040504_094656_000000452026_00308_11384_2270.N1	04-MAY-2004 09:46:56	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	11384	No
155	GOM_NL__2PRFIN20040504_094851_000000362026_00308_11384_2271.N1	04-MAY-2004 09:48:51	Bright	35.500	110	37Del Cas	2.6780	8900.0	71	11384	No
156	GOM_NL__2PRFIN20040504_095009_000000372026_00308_11384_2272.N1	04-MAY-2004 09:50:09	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	11384	No
157	GOM_NL__2PRFIN20040504_095203_000000692026_00308_11384_2273.N1	04-MAY-2004 09:52:03	Bright	68.500	19	50Alp Cyg	1.2460	10500.	137	11384	No
158	GOM_NL__2PRFIN20040504_095402_000000812026_00308_11384_2274.N1	04-MAY-2004 09:54:02	Bright	80.500	66	37Gam Cyg	2.2080	5900.0	161	11384	No
159	GOM_NL__2PRFIN20040504_095802_000000882026_00308_11384_2275.N1	04-MAY-2004 09:58:02	Twi_and_stray	88.000	92	53Eps Cyg	2.5000	4500.0	176	11384	No
160	GOM_NL__2PRFIN20040504_100317_000000482026_00308_11384_2276.N1	04-MAY-2004 10:03:17	Dark	47.500	90	54Alp Peg	2.4870	11000.	95	11384	No

161	GOM_NL__2PRFIN20040504_100807_000000712026_00308_11384_2277.N1	04-MAY-2004 10:08:07	Dark	71.000	61	8Eps Peg	2.1000	3900.0	142	11384	No
162	GOM_NL__2PRFIN20040504_101054_000000462026_00308_11384_2278.N1	04-MAY-2004 10:10:54	Dark	46.000	52	16Bet Cet	2.0370	4500.0	92	11384	No
163	GOM_NL__2PRFIN20040504_101616_000000452026_00308_11384_2279.N1	04-MAY-2004 10:16:16	Dark	45.000	18	24Alp PsA	1.1660	9700.0	90	11384	No
164	GOM_NL__2PRFIN20040504_102204_000000432026_00308_11384_2280.N1	04-MAY-2004 10:22:04	Dark	42.500	31	Alp Gru	1.7340	15200.	85	11384	No
165	GOM_NL__2PRFIN20040504_102431_000000452026_00309_11385_2250.N1	04-MAY-2004 10:24:31	Dark	45.000	148	Alp Tuc	2.8780	4100.0	90	11385	No
166	GOM_NL__2PRFIN20040504_102737_000000422026_00309_11385_2251.N1	04-MAY-2004 10:27:37	Dark	42.000	45	Alp Pav	1.9400	26000.	84	11385	No
167	GOM_NL__2PRFIN20040504_103357_000000452026_00309_11385_2252.N1	04-MAY-2004 10:33:57	Straylight	45.000	43	Alp TrA	1.9100	4250.0	90	11385	No
168	GOM_NL__2PRFIN20040504_103610_000000392026_00309_11385_2253.N1	04-MAY-2004 10:36:10	Straylight	39.000	134	Bet TrA	2.8100	6600.0	78	11385	No
169	GOM_NL__2PRFIN20040504_103807_000000462026_00309_11385_2254.N1	04-MAY-2004 10:38:07	Straylight	45.500	4	Alp1Cen	-0.010000	5800.0	91	11385	No
170	GOM_NL__2PRFIN20040504_104050_000000402026_00309_11385_2255.N1	04-MAY-2004 10:40:50	Straylight	40.000	77	Eps Cen	2.3030	28000.	80	11385	No
171	GOM_NL__2PRFIN20040504_104219_000000392026_00309_11385_2256.N1	04-MAY-2004 10:42:19	Straylight	38.500	95	Zet Cen	2.5450	26000.	77	11385	No
172	GOM_NL__2PRFIN20040504_104532_000000732026_00309_11385_2257.N1	04-MAY-2004 10:45:32	Twi_and_stray	72.500	16	21Alp Sco	1.0200	3000.0	145	11385	No
173	GOM_NL__2PRFIN20040504_104736_000000572026_00309_11385_2258.N1	04-MAY-2004 10:47:36	Twi_and_stray	57.000	80	7Del Sco	2.3160	30000.	114	11385	No
174	GOM_NL__2PRFIN20040504_105004_000000882026_00309_11385_2259.N1	04-MAY-2004 10:50:04	Bright	88.000	86	35Eta Oph	2.4300	10200.	176	11385	No
175	GOM_NL__2PRFIN20040504_172313_000000422026_00313_11389_2156.N1	04-MAY-2004 17:23:13	Dark	42.000	77	Eps Cen	2.3030	28000.	84	11389	Yes
176	GOM_NL__2PRFIN20040504_172444_000000392026_00313_11389_2157.N1	04-MAY-2004 17:24:44	Straylight	39.000	95	Zet Cen	2.5450	26000.	78	11389	No
177	GOM_NL__2PRFIN20040504_172758_000000702026_00313_11389_2158.N1	04-MAY-2004 17:27:58	Twi_and_stray	69.500	16	21Alp Sco	1.0200	3000.0	139	11389	No
178	GOM_NL__2PRFIN20040504_173002_000000522026_00313_11389_2159.N1	04-MAY-2004 17:30:02	Twi_and_stray	52.000	80	7Del Sco	2.3160	30000.	104	11389	No
179	GOM_NL__2PRFIN20040504_173229_000000892026_00313_11389_2160.N1	04-MAY-2004 17:32:29	Bright	89.000	86	35Eta Oph	2.4300	10200.	178	11389	No
180	GOM_NL__2PRFIN20040504_173511_000000462026_00313_11389_2161.N1	04-MAY-2004 17:35:11	Bright	45.500	104	27Bet Lib	2.6140	13100.	91	11389	No
181	GOM_NL__2PRFIN20040504_173810_000000382026_00313_11389_2162.N1	04-MAY-2004 17:38:10	Bright	38.000	121	29Gam Vir	2.7400	7200.0	76	11389	No
182	GOM_NL__2PRFIN20040504_174125_000000382026_00313_11389_2163.N1	04-MAY-2004 17:41:25	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	11389	No
183	GOM_NL__2PRFIN20040504_174330_000000392026_00313_11389_2164.N1	04-MAY-2004 17:43:30	Bright	39.000	111	8Eta Boo	2.6800	6000.0	78	11389	No
184	GOM_NL__2PRFIN20040504_174654_000000442026_00313_11389_2165.N1	04-MAY-2004 17:46:54	Bright	43.500	83		2.3780	11000.	87	11389	No
185	GOM_NL__2PRFIN20040504_174905_000000382026_00313_11389_2166.N1	04-MAY-2004 17:49:05	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	11389	No
186	GOM_NL__2PRFIN20040504_175224_000000392026_00313_11389_2167.N1	04-MAY-2004 17:52:24	Bright	39.000	39	85Eta UMa	1.8540	24000.	78	11389	No
187	GOM_NL__2PRFIN20040504_175349_000000382026_00313_11389_2168.N1	04-MAY-2004 17:53:49	Bright	38.000	55	79Zet UMa	2.0600	10200.	76	11389	No
188	GOM_NL__2PRFIN20040504_175519_000000382026_00313_11389_2169.N1	04-MAY-2004 17:55:19	Bright	37.500	82	48Bet UMa	2.3650	10600.	75	11389	No
189	GOM_NL__2PRFIN20040504_175634_000000402026_00313_11389_2170.N1	04-MAY-2004 17:56:34	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	11389	No
190	GOM_NL__2PRFIN20040504_175952_000000392026_00313_11389_2171.N1	04-MAY-2004 17:59:52	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	11389	No
191	GOM_NL__2PRFIN20040504_180142_000000552026_00313_11389_2172.N1	04-MAY-2004 18:01:42	Bright	54.500	130	23Bet Dra	2.7990	5800.0	109	11389	No
192	GOM_NL__2PRFIN20040504_180350_000000382026_00313_11389_2173.N1	04-MAY-2004 18:03:50	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	11389	No
193	GOM_NL__2PRFIN20040504_180955_000000422026_00313_11389_2174.N1	04-MAY-2004 18:09:55	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	11389	No
194	GOM_NL__2PRFIN20040504_181151_000000482026_00313_11389_2175.N1	04-MAY-2004 18:11:51	Bright	47.500	110	37Del Cas	2.6780	8900.0	95	11389	No
195	GOM_NL__2PRFIN20040504_181307_000000382026_00313_11389_2176.N1	04-MAY-2004 18:13:07	Bright	38.000	68	18Alp Cas	2.2250	4500.0	76	11389	No
196	GOM_NL__2PRFIN20040504_181501_000000662026_00313_11389_2177.N1	04-MAY-2004 18:15:01	Bright	66.000	19	50Alp Cyg	1.2460	10500.	132	11389	No
197	GOM_NL__2PRFIN20040504_181700_000000842026_00313_11389_2178.N1	04-MAY-2004 18:17:00	Bright	84.000	66	37Gam Cyg	2.2080	5900.0	168	11389	No
198	GOM_NL__2PRFIN20040504_182102_000000922026_00313_11389_2179.N1	04-MAY-2004 18:21:02	Twi_and_stray	91.500	92	53Eps Cyg	2.5000	4500.0	183	11389	No
199	GOM_NL__2PRFIN20040504_182618_000000502026_00313_11389_2180.N1	04-MAY-2004 18:26:18	Dark	49.500	90	54Alp Peg	2.4870	11000.	99	11389	No
200	GOM_NL__2PRFIN20040504_183113_000000752026_00313_11389_2181.N1	04-MAY-2004 18:31:13	Dark	75.000	61	8Eps Peg	2.1000	3900.0	150	11389	No
201	GOM_NL__2PRFIN20040504_183356_000000442026_00313_11389_2182.N1	04-MAY-2004 18:33:56	Dark	44.000	52	16Bet Cet	2.0370	4500.0	88	11389	No
202	GOM_NL__2PRFIN20040504_183918_000000522026_00313_11389_2183.N1	04-MAY-2004 18:39:18	Dark	51.500	18	24Alp PsA	1.1660	9700.0	103	11389	No
203	GOM_NL__2PRFIN20040504_184507_000000422026_00313_11389_2184.N1	04-MAY-2004 18:45:07	Dark	41.500	31	Alp Gru	1.7340	15200.	83	11389	No
204	GOM_NL__2PRFIN20040504_184732_000000402026_00314_11390_2156.N1	04-MAY-2004 18:47:32	Dark	40.000	148	Alp Tuc	2.8780	4100.0	80	11390	No
205	GOM_NL__2PRFIN20040504_185040_000000422026_00314_11390_2157.N1	04-MAY-2004 18:50:40	Dark	42.000	45	Alp Pav	1.9400	26000.	84	11390	No
206	GOM_NL__2PRFIN20040504_185658_000000442026_00314_11390_2158.N1	04-MAY-2004 18:56:58	Straylight	44.000	43	Alp TrA	1.9100	4250.0	88	11390	No
207	GOM_NL__2PRFIN20040504_185911_000000402026_00314_11390_2159.N1	04-MAY-2004 18:59:11	Straylight	40.000	134	Bet TrA	2.8100	6600.0	80	11390	No
208	GOM_NL__2PRFIN20040504_190108_000000522026_00314_11390_2160.N1	04-MAY-2004 19:01:08	Straylight	52.000	4	Alp1Cen	-0.010000	5800.0	104	11390	No
209	GOM_NL__2PRFIN20040504_190500_000000622026_00314_11390_2161.N1	04-MAY-2004 19:05:00	Straylight	61.500	75	26Eps Sco	2.2910	4250.0	123	11390	No
210	GOM_NL__2PRFIN20040504_190834_000000712026_00314_11390_2162.N1	04-MAY-2004 19:08:34	Twi_and_stray	71.000	16	21Alp Sco	1.0200	3000.0	142	11390	No
211	GOM_NL__2PRFIN20040504_191038_000000602026_00314_11390_2163.N1	04-MAY-2004 19:10:38	Twi_and_stray	59.500	80	7Del Sco	2.3160	30000.	119	11390	No
212	GOM_NL__2PRFIN20040504_191304_000000872026_00314_11390_2164.N1	04-MAY-2004 19:13:04	Bright	87.000	86	35Eta Oph	2.4300	10200.	174	11390	No
213	GOM_NL__2PRFIN20040504_191546_000000472026_00314_11390_2165.N1	04-MAY-2004 19:15:46	Bright	47.000	104	27Bet Lib	2.6140	13100.	94	11390	No
214	GOM_NL__2PRFIN20040504_191847_000000382026_00314_11390_2166.N1	04-MAY-2004 19:18:47	Bright	38.000	121	29Gam Vir	2.7400	7200.0	76	11390	No
215	GOM_NL__2PRFIN20040504_192202_000000372026_00314_11390_2167.N1	04-MAY-2004 19:22:02	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	11390	No
216	GOM_NL__2PRFIN20040504_192406_000000392026_00314_11390_2168.N1	04-MAY-2004 19:24:06	Bright	38.500	111	8Eta Boo	2.6800	6000.0	77	11390	No
217	GOM_NL__2PRFIN20040504_192729_000000462026_00314_11390_2169.N1	04-MAY-2004 19:27:29	Bright	45.500	83		2.3780	11000.	91	11390	No
218	GOM_NL__2PRFIN20040504_192942_000000372026_00314_11390_2170.N1	04-MAY-2004 19:29:42	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	11390	No
219	GOM_NL__2PRFIN20040504_193300_000000392026_00314_11390_2171.N1	04-MAY-2004 19:33:00	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	11390	No

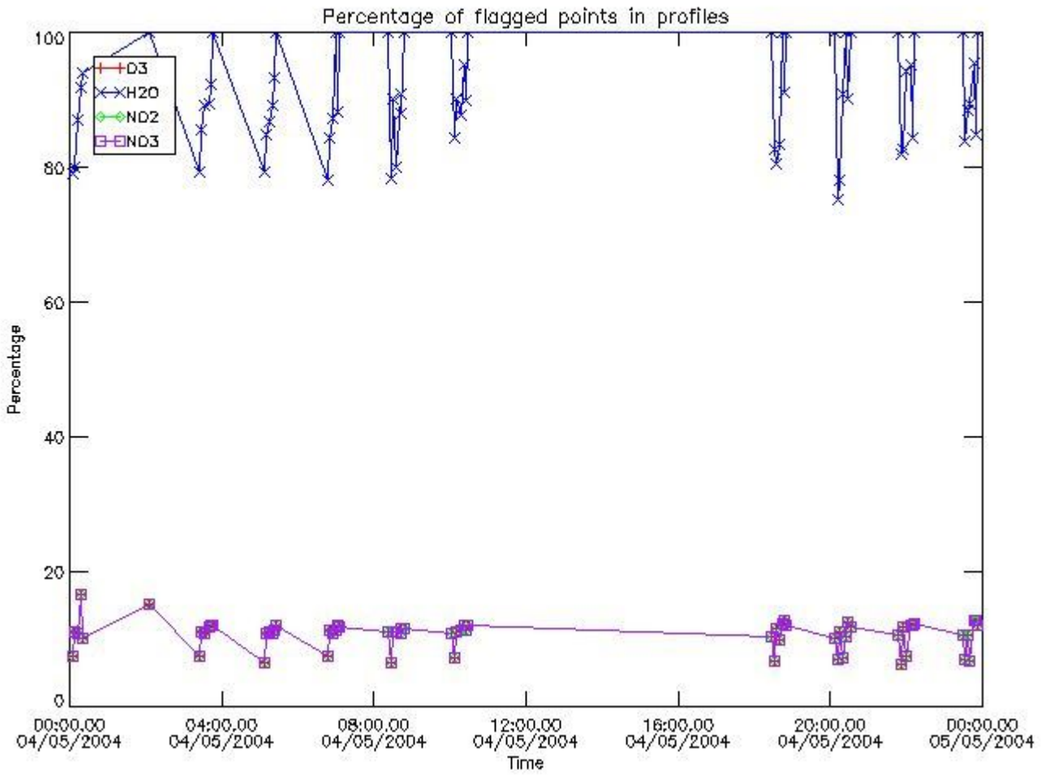
220	GOM_NL__2PRFIN20040504_193424_000000382026_00314_11390_2172.N1	04-MAY-2004 19:34:24	Bright	38.000	55	79Zet UMa	2.0600	10200.	76	11390	No
221	GOM_NL__2PRFIN20040504_193555_000000392026_00314_11390_2173.N1	04-MAY-2004 19:35:55	Bright	38.500	82	48Bet UMa	2.3650	10600.	77	11390	No
222	GOM_NL__2PRFIN20040504_193712_000000412026_00314_11390_2174.N1	04-MAY-2004 19:37:12	Bright	40.500	36	50Alp UMa	1.8000	6300.0	81	11390	No
223	GOM_NL__2PRFIN20040504_194028_000000402026_00314_11390_2175.N1	04-MAY-2004 19:40:28	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	11390	No
224	GOM_NL__2PRFIN20040504_194217_000000572026_00314_11390_2176.N1	04-MAY-2004 19:42:17	Bright	57.000	130	23Bet Dra	2.7990	5800.0	114	11390	No
225	GOM_NL__2PRFIN20040504_194425_000000392026_00314_11390_2177.N1	04-MAY-2004 19:44:25	Bright	39.000	49	1Alp UMi	1.9900	6300.0	78	11390	No
226	GOM_NL__2PRFIN20040504_195030_000000442026_00314_11390_2178.N1	04-MAY-2004 19:50:30	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	11390	No
227	GOM_NL__2PRFIN20040504_195227_000000352026_00314_11390_2179.N1	04-MAY-2004 19:52:27	Bright	34.500	110	37Del Cas	2.6780	8900.0	69	11390	No
228	GOM_NL__2PRFIN20040504_195345_000000382026_00314_11390_2180.N1	04-MAY-2004 19:53:45	Bright	38.000	68	18Alp Cas	2.2250	4500.0	76	11390	No
229	GOM_NL__2PRFIN20040504_195536_000000642026_00314_11390_2181.N1	04-MAY-2004 19:55:36	Bright	63.500	19	50Alp Cyg	1.2460	10500.	127	11390	No
230	GOM_NL__2PRFIN20040504_195735_000000882026_00314_11390_2182.N1	04-MAY-2004 19:57:35	Bright	87.500	66	37Gam Cyg	2.2080	5900.0	175	11390	No
231	GOM_NL__2PRFIN20040504_200139_000000892026_00314_11390_2183.N1	04-MAY-2004 20:01:39	Twi_and_stray	88.500	92	53Eps Cyg	2.5000	4500.0	177	11390	No
232	GOM_NL__2PRFIN20040504_200654_000000502026_00314_11390_2184.N1	04-MAY-2004 20:06:54	Dark	50.000	90	54Alp Peg	2.4870	11000.	100	11390	No
233	GOM_NL__2PRFIN20040504_201150_000000732026_00314_11390_2185.N1	04-MAY-2004 20:11:50	Dark	73.000	61	8Eps Peg	2.1000	3900.0	146	11390	No
234	GOM_NL__2PRFIN20040504_201432_000000462026_00314_11390_2186.N1	04-MAY-2004 20:14:32	Dark	46.000	52	16Bet Cet	2.0370	4500.0	92	11390	No
235	GOM_NL__2PRFIN20040504_201822_000000712026_00314_11390_2187.N1	04-MAY-2004 20:18:22	Dark	71.000	154	22Bet Aqr	2.8990	5700.0	142	11390	No
236	GOM_NL__2PRFIN20040504_202543_000000492026_00314_11390_2188.N1	04-MAY-2004 20:25:43	Dark	49.000	31	Alp Gru	1.7340	15200.	98	11390	No
237	GOM_NL__2PRFIN20040504_202809_000000412026_00315_11391_2156.N1	04-MAY-2004 20:28:09	Dark	41.000	148	Alp Tuc	2.8780	4100.0	82	11391	No
238	GOM_NL__2PRFIN20040504_203117_000000432026_00315_11391_2157.N1	04-MAY-2004 20:31:17	Dark	43.000	45	Alp Pav	1.9400	26000.	86	11391	No
239	GOM_NL__2PRFIN20040504_203735_000000402026_00315_11391_2158.N1	04-MAY-2004 20:37:35	Straylight	40.000	43	Alp TrA	1.9100	4250.0	80	11391	No
240	GOM_NL__2PRFIN20040504_203947_000000412026_00315_11391_2159.N1	04-MAY-2004 20:39:47	Straylight	40.500	134	Bet TrA	2.8100	6600.0	81	11391	No
241	GOM_NL__2PRFIN20040504_204144_000000452026_00315_11391_2160.N1	04-MAY-2004 20:41:44	Straylight	45.000	4	Alp1Cen	-0.010000	5800.0	90	11391	No
242	GOM_NL__2PRFIN20040504_204537_000000632026_00315_11391_2161.N1	04-MAY-2004 20:45:37	Straylight	63.000	75	26Eps Sco	2.2910	4250.0	126	11391	No
243	GOM_NL__2PRFIN20040504_204911_000000702026_00315_11391_2162.N1	04-MAY-2004 20:49:11	Twi_and_stray	70.000	16	21Alp Sco	1.0200	3000.0	140	11391	No
244	GOM_NL__2PRFIN20040504_205114_000000572026_00315_11391_2163.N1	04-MAY-2004 20:51:14	Twi_and_stray	57.000	80	7Del Sco	2.3160	30000.	114	11391	No
245	GOM_NL__2PRFIN20040504_205339_000000902026_00315_11391_2164.N1	04-MAY-2004 20:53:39	Bright	89.500	86	35Eta Oph	2.4300	10200.	179	11391	No
246	GOM_NL__2PRFIN20040504_205622_000000462026_00315_11391_2165.N1	04-MAY-2004 20:56:22	Bright	45.500	104	27Bet Lib	2.6140	13100.	91	11391	No
247	GOM_NL__2PRFIN20040504_205923_000000382026_00315_11391_2166.N1	04-MAY-2004 20:59:23	Bright	37.500	121	29Gam Vir	2.7400	7200.0	75	11391	No
248	GOM_NL__2PRFIN20040504_210238_000000372026_00315_11391_2167.N1	04-MAY-2004 21:02:38	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	11391	No
249	GOM_NL__2PRFIN20040504_210442_000000382026_00315_11391_2168.N1	04-MAY-2004 21:04:42	Bright	38.000	111	8Eta Boo	2.6800	6000.0	76	11391	No
250	GOM_NL__2PRFIN20040504_210804_000000442026_00315_11391_2169.N1	04-MAY-2004 21:08:04	Bright	43.500	83		2.3780	11000.	87	11391	No
251	GOM_NL__2PRFIN20040504_211018_000000362026_00315_11391_2170.N1	04-MAY-2004 21:10:18	Bright	36.000	152	12Alp2CVn	2.8900	11000.	72	11391	No
252	GOM_NL__2PRFIN20040504_211335_000000372026_00315_11391_2171.N1	04-MAY-2004 21:13:35	Bright	36.500	39	85Eta UMa	1.8540	24000.	73	11391	No
253	GOM_NL__2PRFIN20040504_211500_000000362026_00315_11391_2172.N1	04-MAY-2004 21:15:00	Bright	35.500	55	79Zet UMa	2.0600	10200.	71	11391	No
254	GOM_NL__2PRFIN20040504_211632_000000392026_00315_11391_2173.N1	04-MAY-2004 21:16:32	Bright	39.000	82	48Bet UMa	2.3650	10600.	78	11391	No
255	GOM_NL__2PRFIN20040504_211748_000000392026_00315_11391_2174.N1	04-MAY-2004 21:17:48	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	11391	No
256	GOM_NL__2PRFIN20040504_212104_000000412026_00315_11391_2175.N1	04-MAY-2004 21:21:04	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	11391	No
257	GOM_NL__2PRFIN20040504_212252_000000562026_00315_11391_2176.N1	04-MAY-2004 21:22:52	Bright	55.500	130	23Bet Dra	2.7990	5800.0	111	11391	No
258	GOM_NL__2PRFIN20040504_212501_000000382026_00315_11391_2177.N1	04-MAY-2004 21:25:01	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	11391	No
259	GOM_NL__2PRFIN20040504_213106_000000442026_00315_11391_2178.N1	04-MAY-2004 21:31:06	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	11391	No
260	GOM_NL__2PRFIN20040504_213303_000000472026_00315_11391_2179.N1	04-MAY-2004 21:33:03	Bright	47.000	110	37Del Cas	2.6780	8900.0	94	11391	No
261	GOM_NL__2PRFIN20040504_213421_000000382026_00315_11391_2180.N1	04-MAY-2004 21:34:21	Bright	37.500	68	18Alp Cas	2.2250	4500.0	75	11391	No
262	GOM_NL__2PRFIN20040504_213612_000000682026_00315_11391_2181.N1	04-MAY-2004 21:36:12	Bright	68.000	19	50Alp Cyg	1.2460	10500.	136	11391	No
263	GOM_NL__2PRFIN20040504_213810_000000862026_00315_11391_2182.N1	04-MAY-2004 21:38:10	Bright	85.500	66	37Gam Cyg	2.2080	5900.0	171	11391	No
264	GOM_NL__2PRFIN20040504_214214_000000872026_00315_11391_2183.N1	04-MAY-2004 21:42:14	Twi_and_stray	86.500	92	53Eps Cyg	2.5000	4500.0	173	11391	No
265	GOM_NL__2PRFIN20040504_214730_000000482026_00315_11391_2184.N1	04-MAY-2004 21:47:30	Dark	48.000	90	54Alp Peg	2.4870	11000.	96	11391	No
266	GOM_NL__2PRFIN20040504_215226_000000812026_00315_11391_2185.N1	04-MAY-2004 21:52:26	Dark	81.000	61	8Eps Peg	2.1000	3900.0	162	11391	No
267	GOM_NL__2PRFIN20040504_215508_000000442026_00315_11391_2186.N1	04-MAY-2004 21:55:08	Dark	43.500	52	16Bet Cet	2.0370	4500.0	87	11391	No
268	GOM_NL__2PRFIN20040504_215857_000000692026_00315_11391_2187.N1	04-MAY-2004 21:58:57	Dark	69.000	154	22Bet Aqr	2.8990	5700.0	138	11391	No
269	GOM_NL__2PRFIN20040504_220620_000000432026_00315_11391_2188.N1	04-MAY-2004 22:06:20	Dark	42.500	31	Alp Gru	1.7340	15200.	85	11391	No
270	GOM_NL__2PRFIN20040504_220844_000000422026_00316_11392_2156.N1	04-MAY-2004 22:08:44	Dark	42.000	148	Alp Tuc	2.8780	4100.0	84	11392	No
271	GOM_NL__2PRFIN20040504_221154_000000422026_00316_11392_2157.N1	04-MAY-2004 22:11:54	Dark	41.500	45	Alp Pav	1.9400	26000.	83	11392	No
272	GOM_NL__2PRFIN20040504_221811_000000412026_00316_11392_2158.N1	04-MAY-2004 22:18:11	Straylight	41.000	43	Alp TrA	1.9100	4250.0	82	11392	No
273	GOM_NL__2PRFIN20040504_222023_000000392026_00316_11392_2159.N1	04-MAY-2004 22:20:23	Straylight	39.000	134	Bet TrA	2.8100	6600.0	78	11392	No
274	GOM_NL__2PRFIN20040504_222220_000000452026_00316_11392_2160.N1	04-MAY-2004 22:22:20	Straylight	44.500	4	Alp1Cen	-0.010000	5800.0	89	11392	No
275	GOM_NL__2PRFIN20040504_222613_000000632026_00316_11392_2161.N1	04-MAY-2004 22:26:13	Straylight	62.500	75	26Eps Sco	2.2910	4250.0	125	11392	No
276	GOM_NL__2PRFIN20040504_222947_000000682026_00316_11392_2162.N1	04-MAY-2004 22:29:47	Twi_and_stray	67.500	16	21Alp Sco	1.0200	3000.0	135	11392	No
277	GOM_NL__2PRFIN20040504_223150_000000602026_00316_11392_2163.N1	04-MAY-2004 22:31:50	Twi_and_stray	60.000	80	7Del Sco	2.3160	30000.	120	11392	No
278	GOM_NL__2PRFIN20040504_223417_000000902026_00316_11392_2164.N1	04-MAY-2004 22:34:17	Bright	89.500	86	35Eta Oph	2.4300	10200.	179	11392	No

279	GOM_NL__2PRFIN20040504_223658_000000452026_00316_11392_2165.N1	04-MAY-2004 22:36:58	Bright	45.000	104	27Bet Lib	2.6140	13100.	90	11392	No
280	GOM_NL__2PRFIN20040504_223959_000000392026_00316_11392_2166.N1	04-MAY-2004 22:39:59	Bright	38.500	121	29Gam Vir	2.7400	7200.0	77	11392	No
281	GOM_NL__2PRFIN20040504_224313_000000372026_00316_11392_2167.N1	04-MAY-2004 22:43:13	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	11392	No
282	GOM_NL__2PRFIN20040504_224518_000000382026_00316_11392_2168.N1	04-MAY-2004 22:45:18	Bright	37.500	111	8Eta Boo	2.6800	6000.0	75	11392	No
283	GOM_NL__2PRFIN20040504_224840_000000432026_00316_11392_2169.N1	04-MAY-2004 22:48:40	Bright	43.000	83		2.3780	11000.	86	11392	No
284	GOM_NL__2PRFIN20040504_225052_000000382026_00316_11392_2170.N1	04-MAY-2004 22:50:52	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	11392	No
285	GOM_NL__2PRFIN20040504_225411_000000382026_00316_11392_2171.N1	04-MAY-2004 22:54:11	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	11392	No
286	GOM_NL__2PRFIN20040504_225536_000000392026_00316_11392_2172.N1	04-MAY-2004 22:55:36	Bright	39.000	55	79Zet UMa	2.0600	10200.	78	11392	No
287	GOM_NL__2PRFIN20040504_225707_000000382026_00316_11392_2173.N1	04-MAY-2004 22:57:07	Bright	38.000	82	48Bet UMa	2.3650	10600.	76	11392	No
288	GOM_NL__2PRFIN20040504_225824_000000412026_00316_11392_2174.N1	04-MAY-2004 22:58:24	Bright	41.000	36	50Alp UMa	1.8000	6300.0	82	11392	No
289	GOM_NL__2PRFIN20040504_230139_000000402026_00316_11392_2175.N1	04-MAY-2004 23:01:39	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	11392	No
290	GOM_NL__2PRFIN20040504_230327_000000542026_00316_11392_2176.N1	04-MAY-2004 23:03:27	Bright	53.500	130	23Bet Dra	2.7990	5800.0	107	11392	No
291	GOM_NL__2PRFIN20040504_230537_000000362026_00316_11392_2177.N1	04-MAY-2004 23:05:37	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	11392	No
292	GOM_NL__2PRFIN20040504_231142_000000432026_00316_11392_2178.N1	04-MAY-2004 23:11:42	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	11392	No
293	GOM_NL__2PRFIN20040504_231339_000000362026_00316_11392_2179.N1	04-MAY-2004 23:13:39	Bright	36.000	110	37Del Cas	2.6780	8900.0	72	11392	No
294	GOM_NL__2PRFIN20040504_231457_000000372026_00316_11392_2180.N1	04-MAY-2004 23:14:57	Bright	37.000	68	18Alp Cas	2.2250	4500.0	74	11392	No
295	GOM_NL__2PRFIN20040504_231647_000000642026_00316_11392_2181.N1	04-MAY-2004 23:16:47	Bright	64.000	19	50Alp Cyg	1.2460	10500.	128	11392	No
296	GOM_NL__2PRFIN20040504_231846_000000852026_00316_11392_2182.N1	04-MAY-2004 23:18:46	Bright	85.000	66	37Gam Cyg	2.2080	5900.0	170	11392	No
297	GOM_NL__2PRFIN20040504_232250_000000932026_00316_11392_2183.N1	04-MAY-2004 23:22:50	Twi_and_stray	93.000	92	53Eps Cyg	2.5000	4500.0	186	11392	No
298	GOM_NL__2PRFIN20040504_232807_000000482026_00316_11392_2184.N1	04-MAY-2004 23:28:07	Dark	48.000	90	54Alp Peg	2.4870	11000.	96	11392	No
299	GOM_NL__2PRFIN20040504_233303_000000722026_00316_11392_2185.N1	04-MAY-2004 23:33:03	Dark	72.000	61	8Eps Peg	2.1000	3900.0	144	11392	No
300	GOM_NL__2PRFIN20040504_233545_000000482026_00316_11392_2186.N1	04-MAY-2004 23:35:45	Dark	48.000	52	16Bet Cet	2.0370	4500.0	96	11392	No
301	GOM_NL__2PRFIN20040504_233937_000000772026_00316_11392_2187.N1	04-MAY-2004 23:39:37	Dark	76.500	154	22Bet Aqr	2.8990	5700.0	153	11392	No
302	GOM_NL__2PRFIN20040504_234656_000000442026_00316_11392_2188.N1	04-MAY-2004 23:46:56	Dark	43.500	31	Alp Gru	1.7340	15200.	87	11392	No
303	GOM_NL__2PRFIN20040504_234920_000000402026_00317_11393_2156.N1	04-MAY-2004 23:49:20	Dark	40.000	148	Alp Tuc	2.8780	4100.0	80	11393	No
304	GOM_NL__2PRFIN20040504_235230_000000432026_00317_11393_2157.N1	04-MAY-2004 23:52:30	Dark	42.500	45	Alp Pav	1.9400	26000.	85	11393	No
305	GOM_NL__2PRFIN20040504_235847_000000452026_00317_11393_2158.N1	04-MAY-2004 23:58:47	Straylight	45.000	43	Alp TrA	1.9100	4250.0	90	11393	No

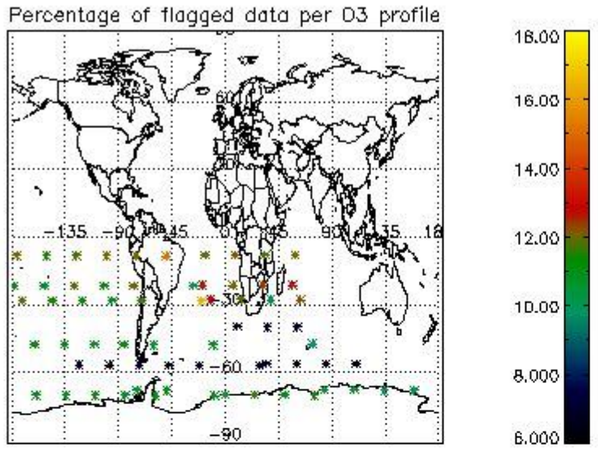
3. Quality information per product

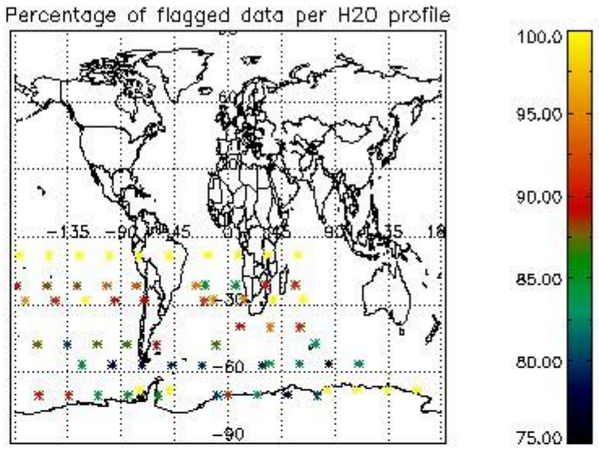
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

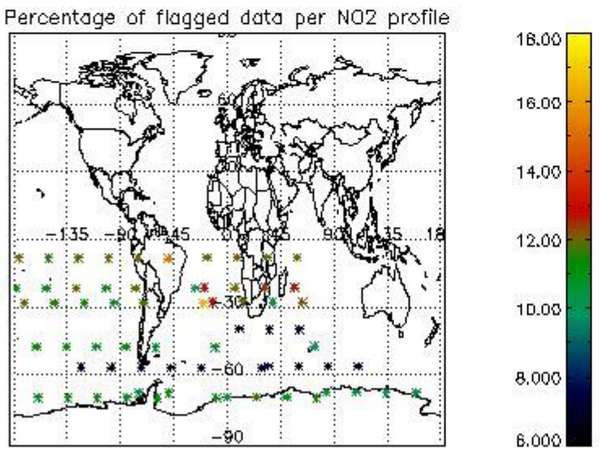
3.1 Plot quality information per product (time dependant)

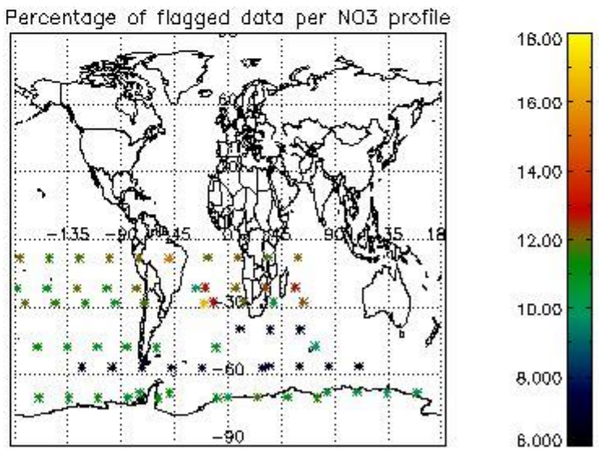


3.2 Plot quality information per product (world map)







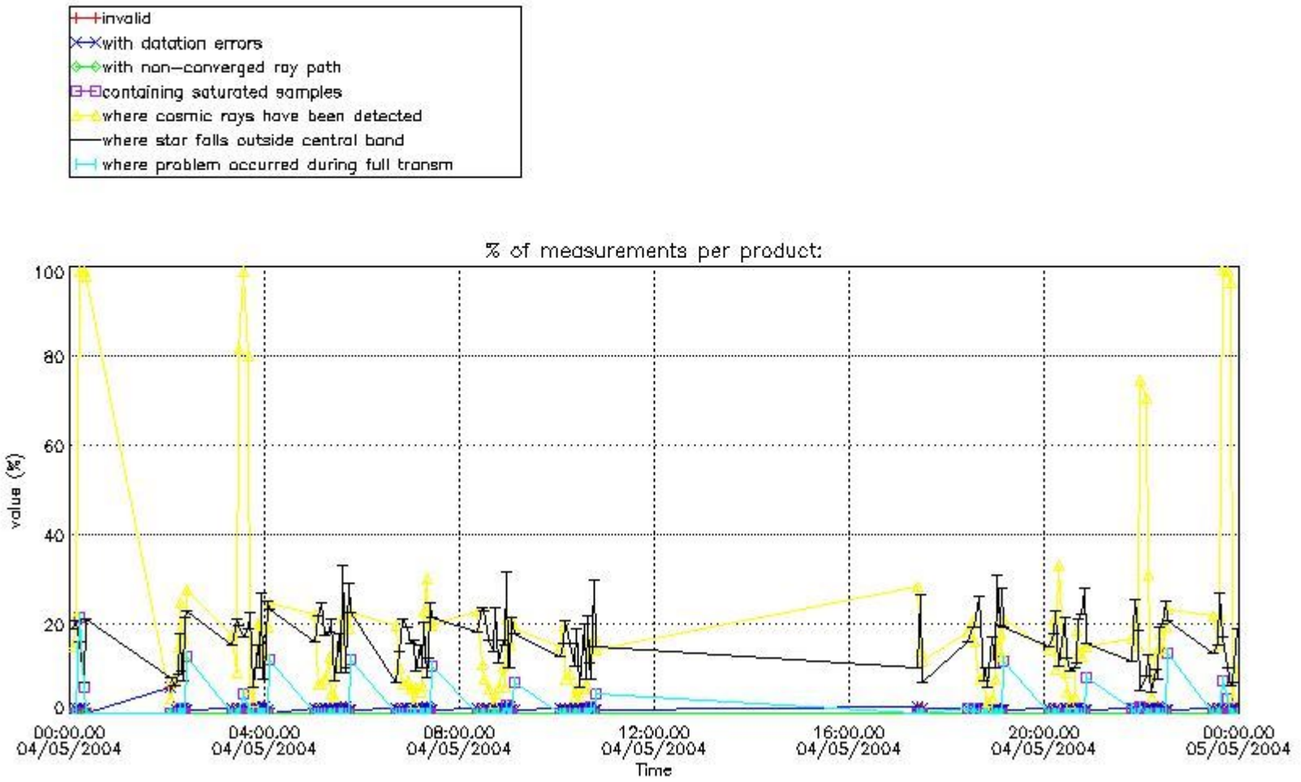


4. Level 1 quality information per product

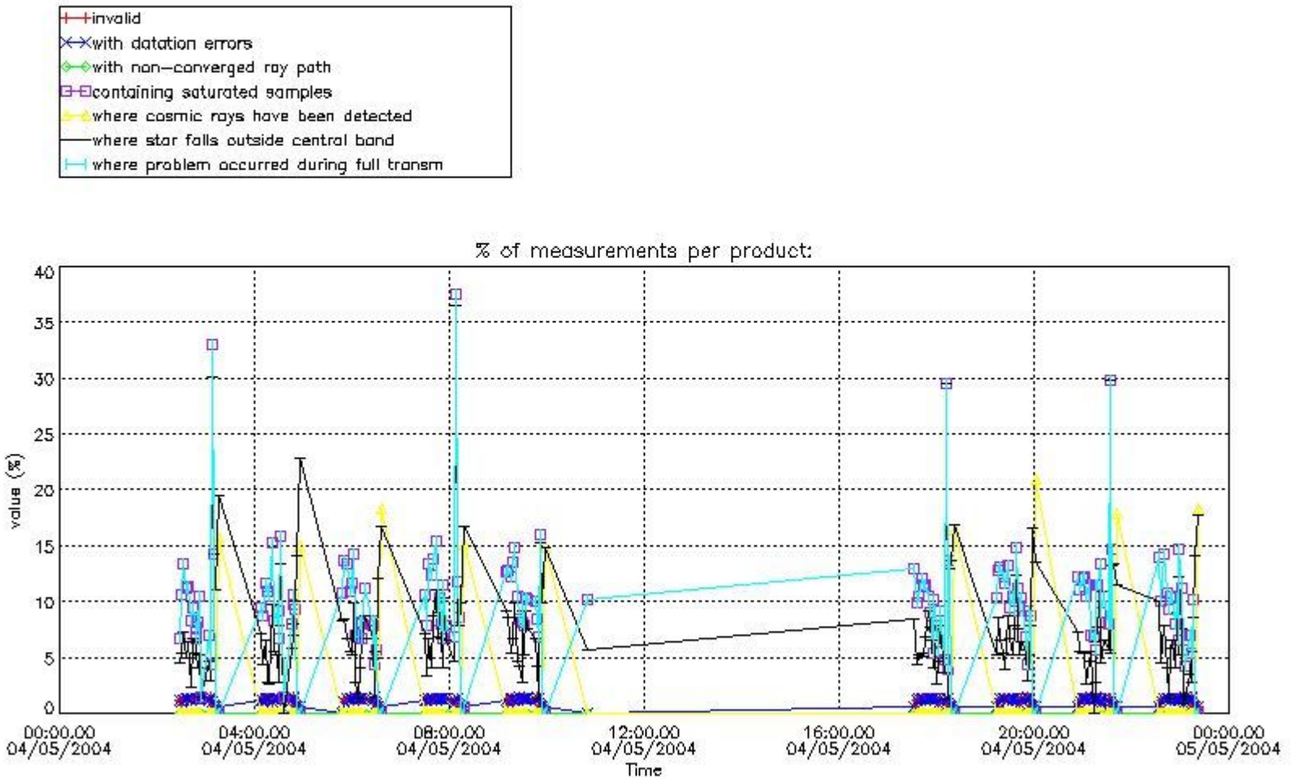
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processsing. Products without errors (error flag in the MPH set to "0") are used.

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

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

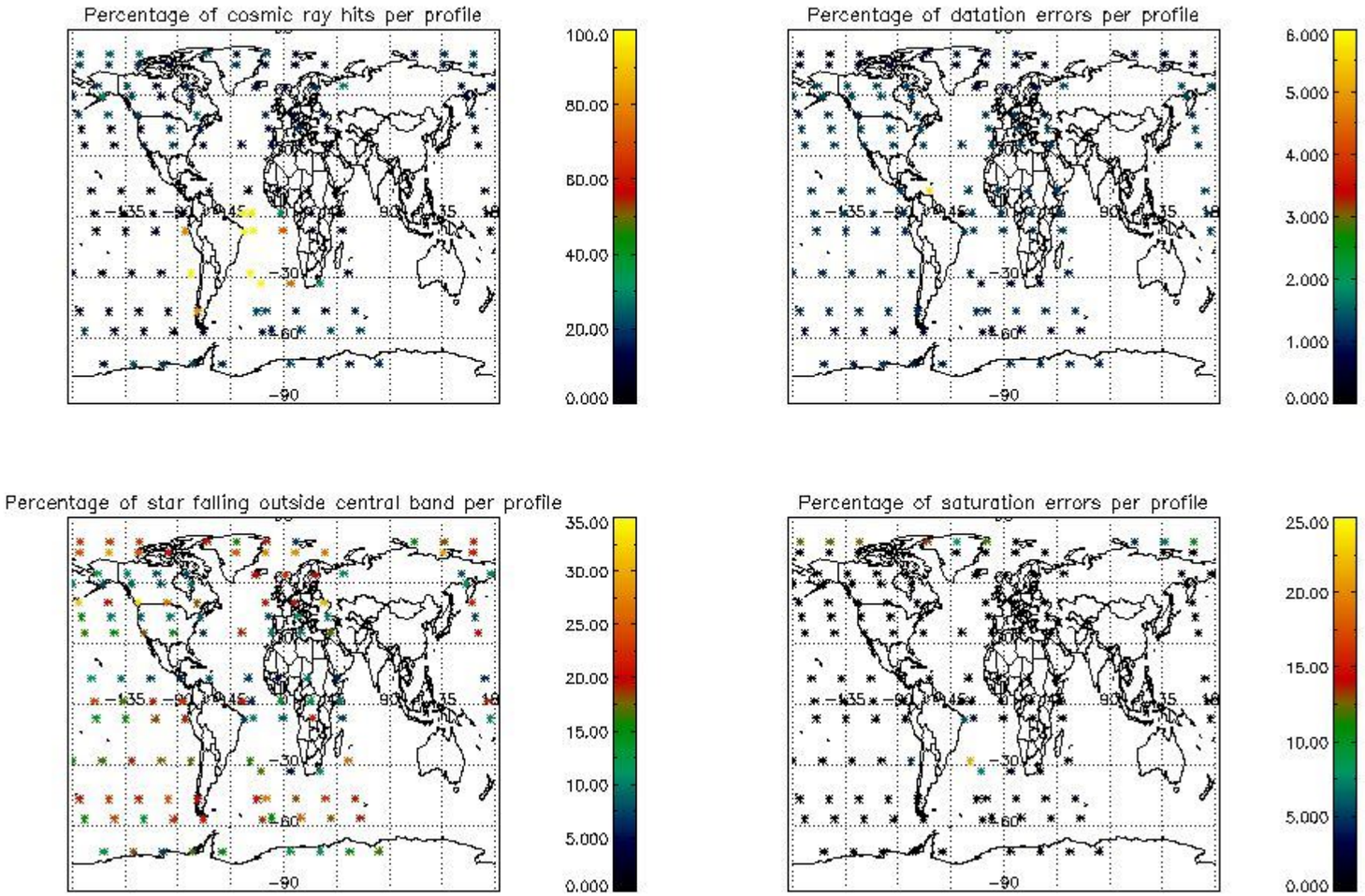


4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



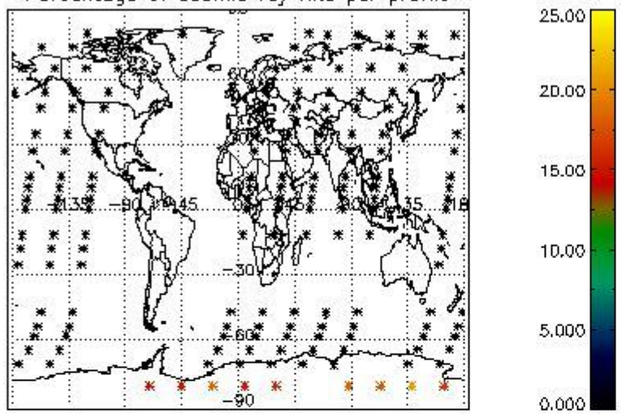
4.2 Plot quality information per product comming from level 1b processing (world map)

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

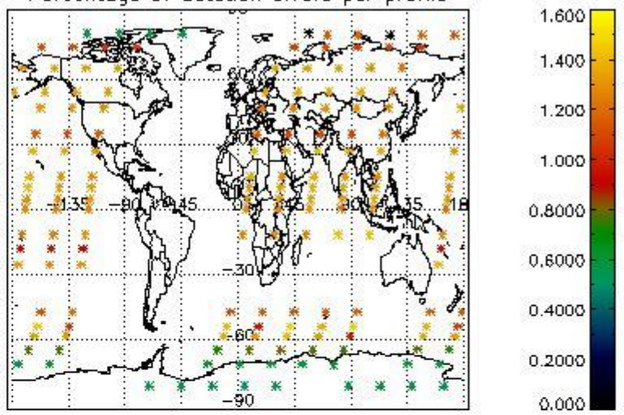


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

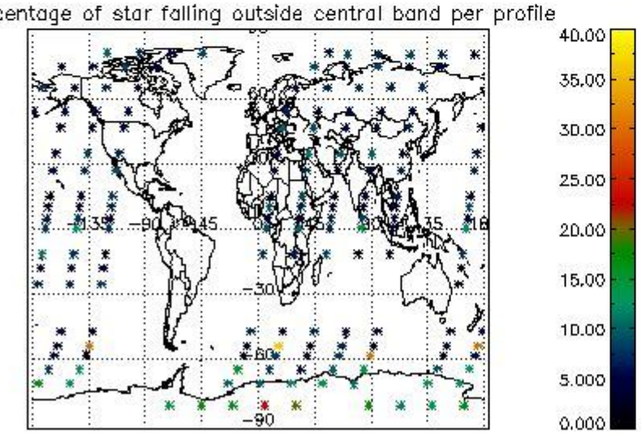
Percentage of cosmic ray hits per profile



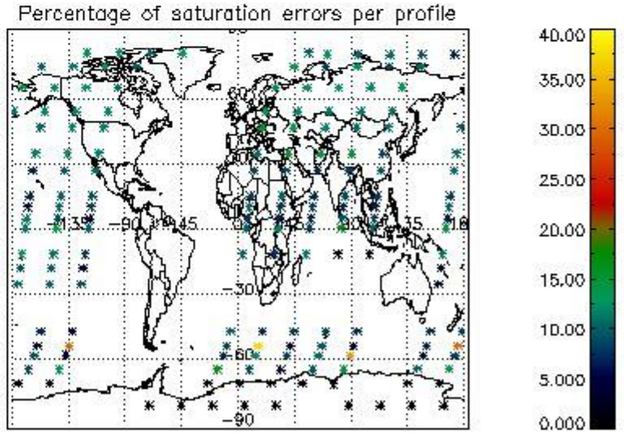
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

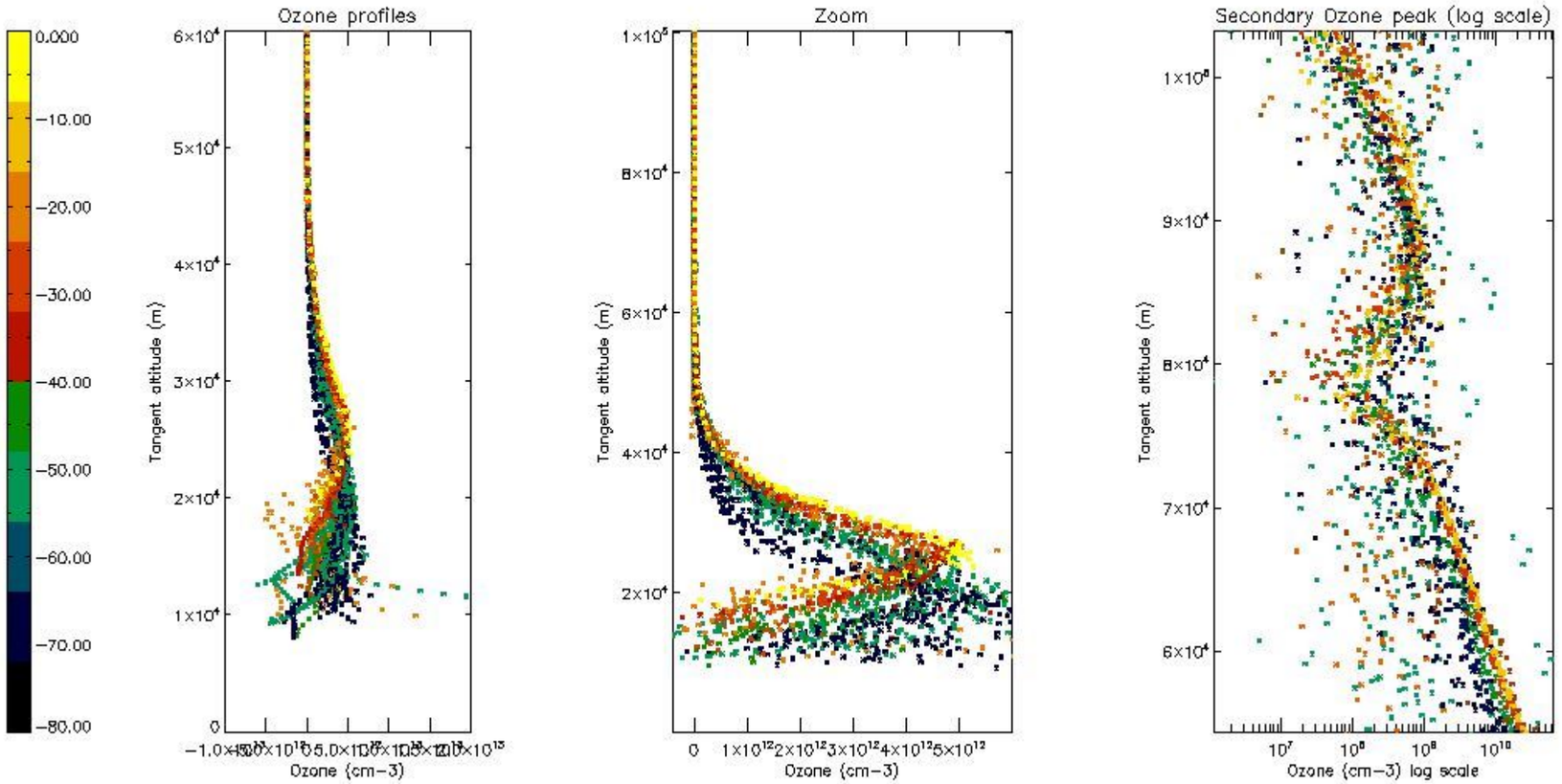
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	23
STD < 20	11

STD < 10	8
STD < 5	5

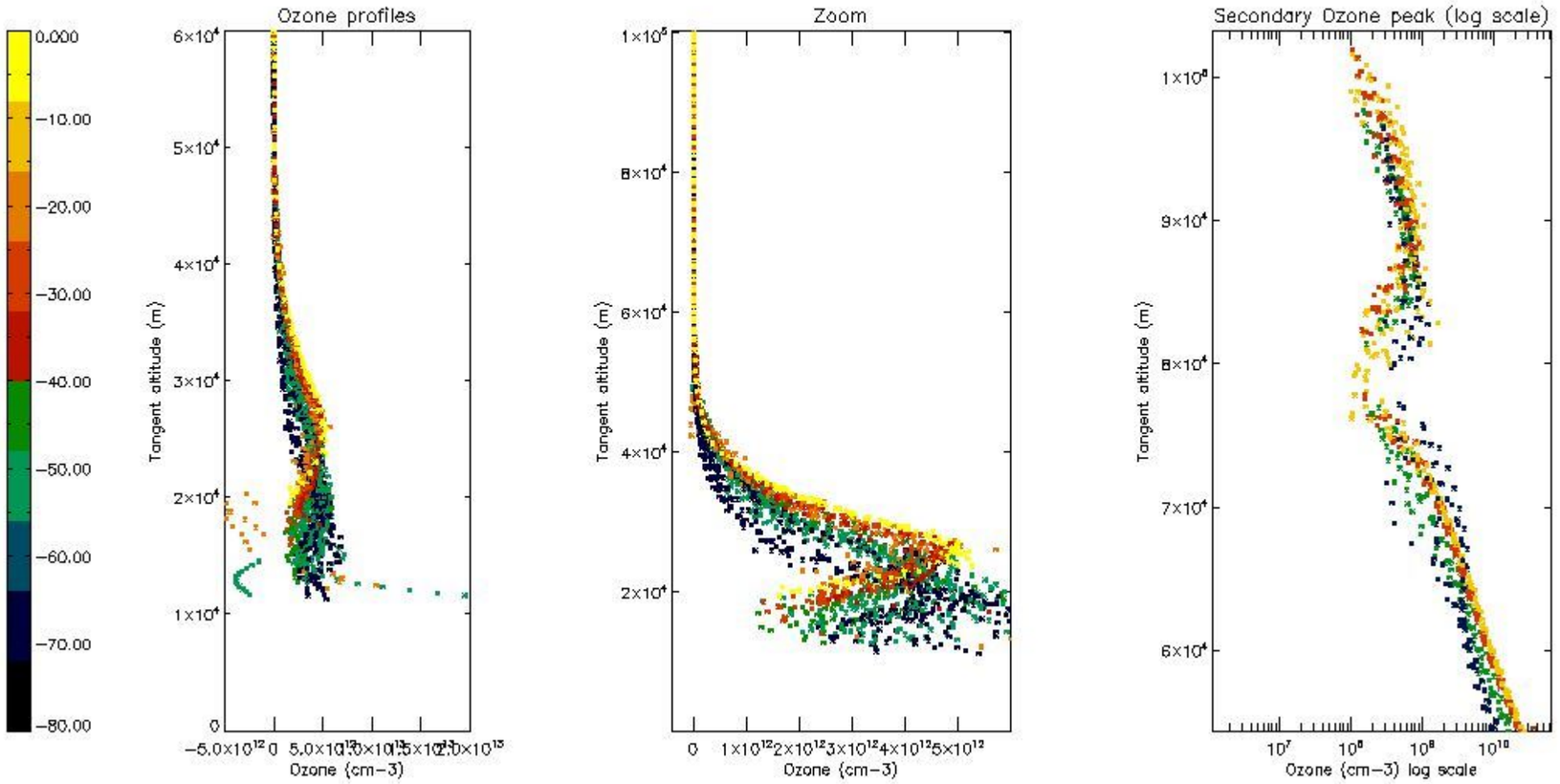
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



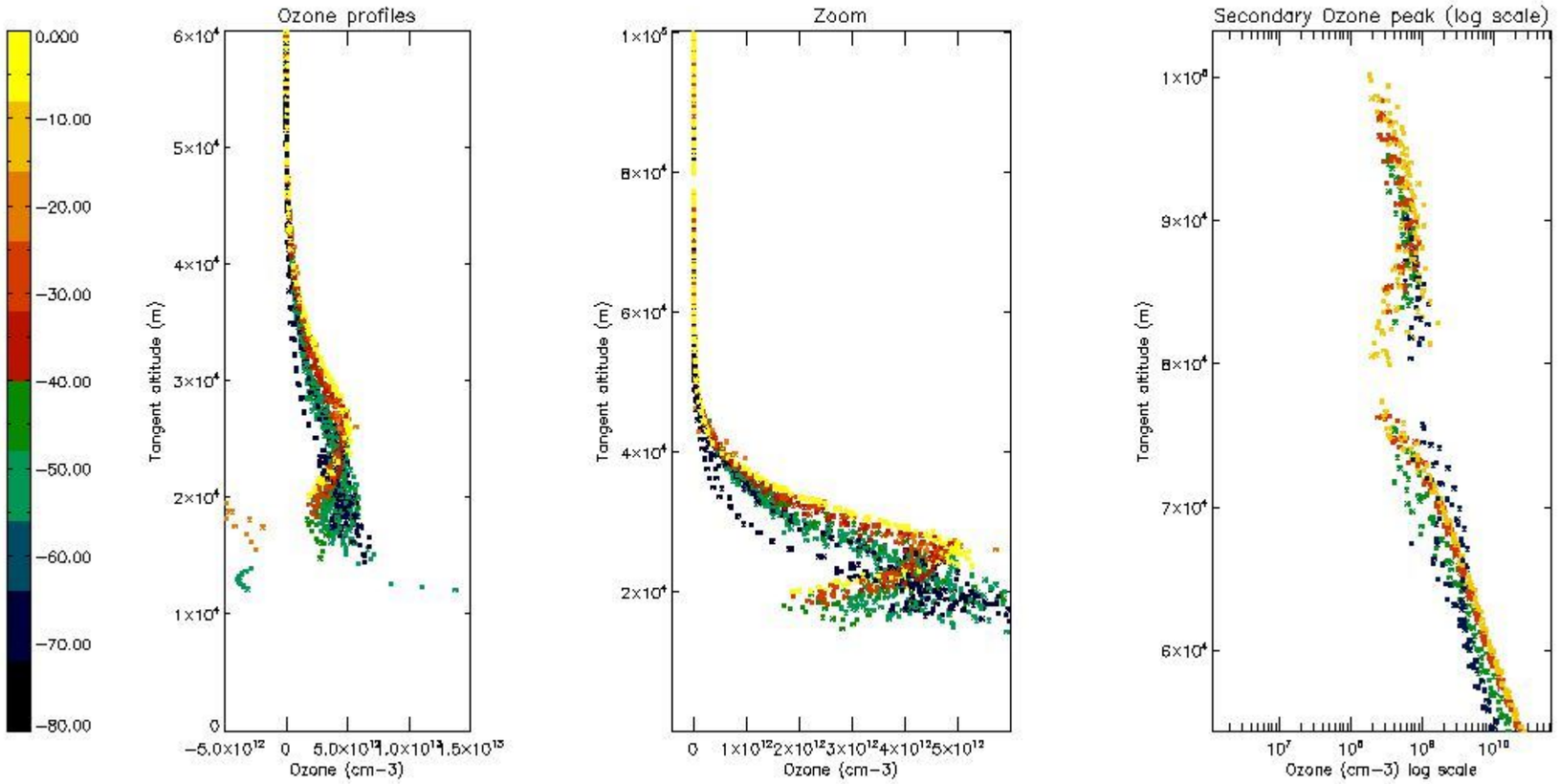
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



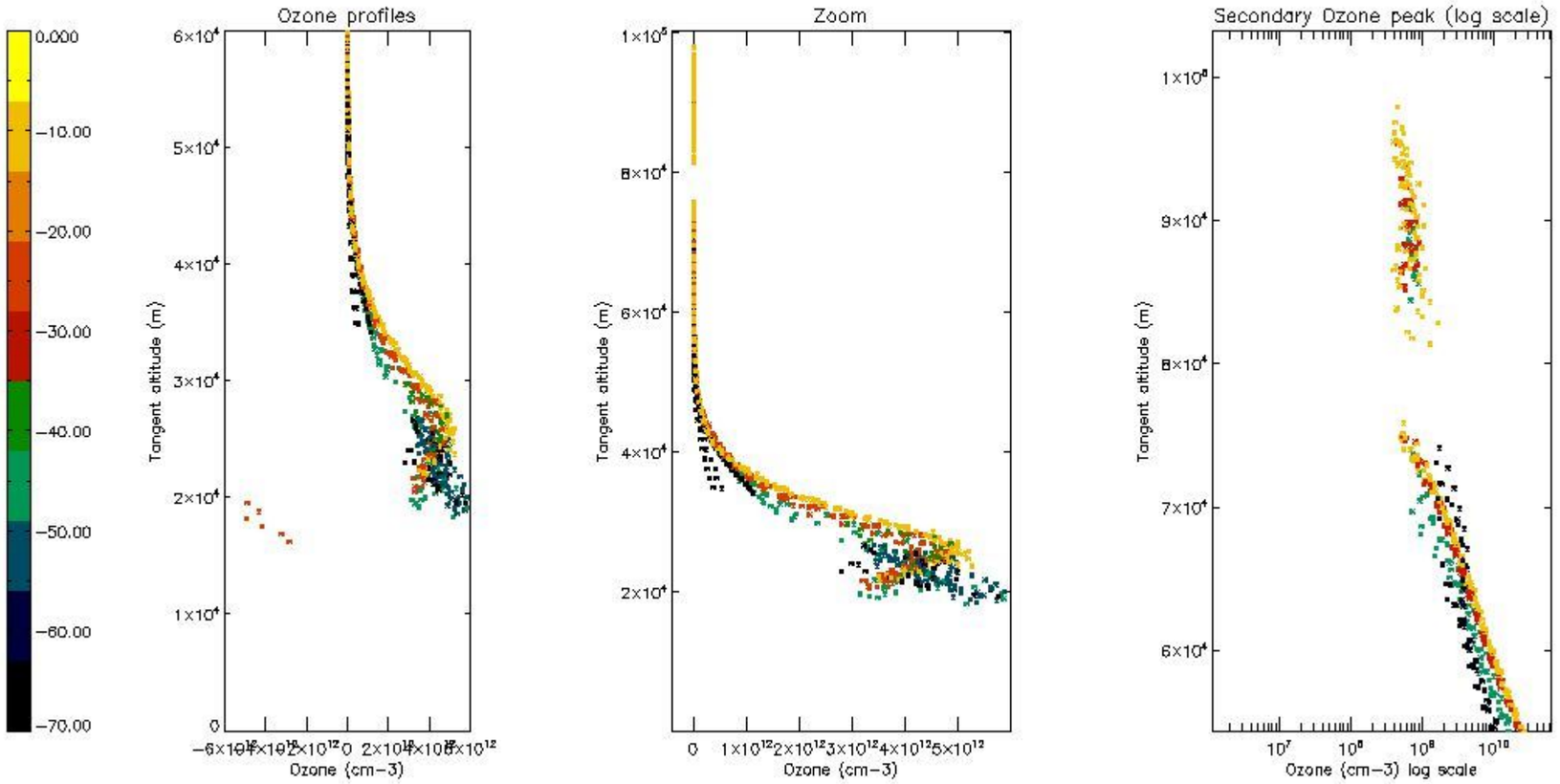
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



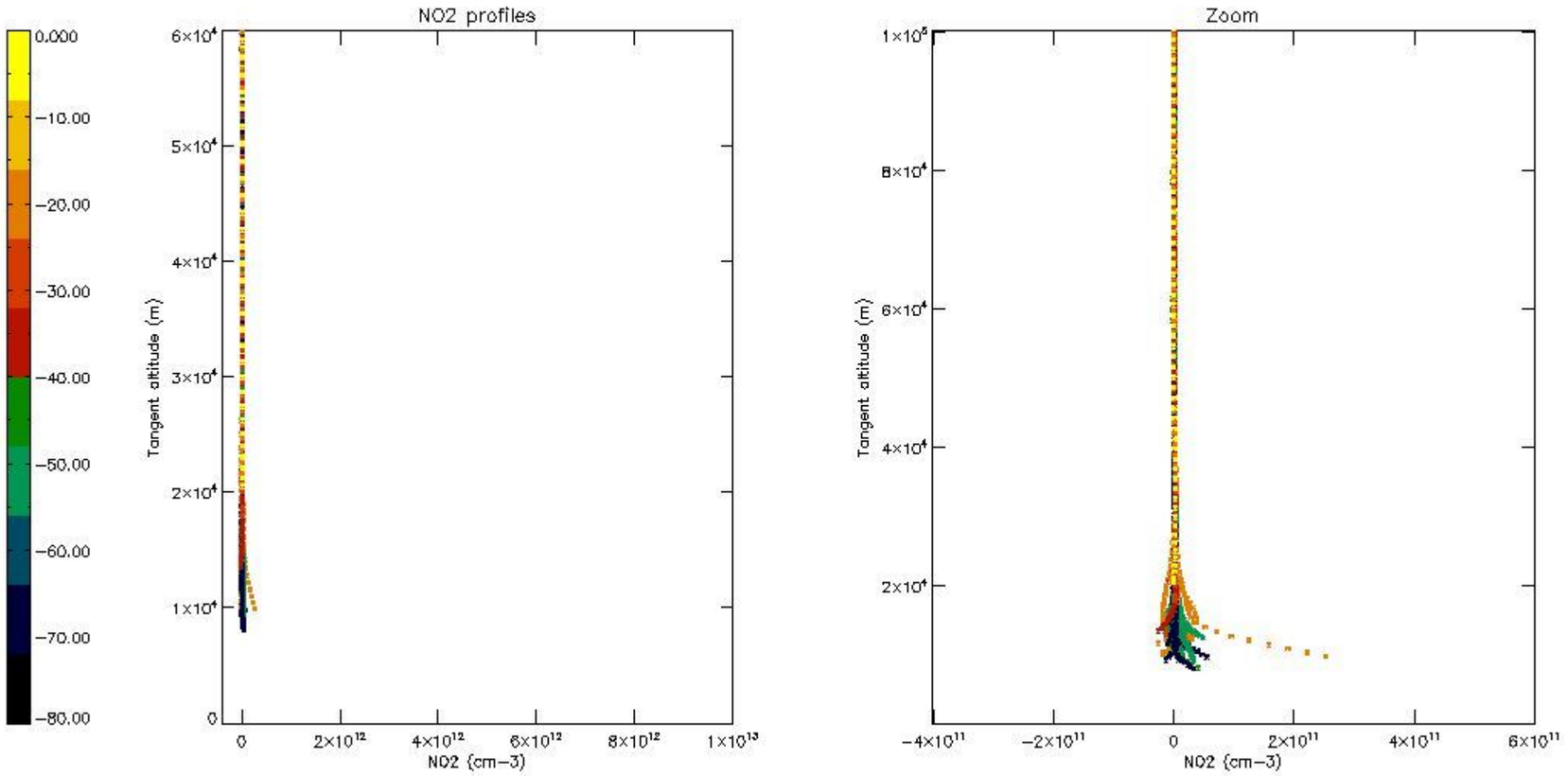
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



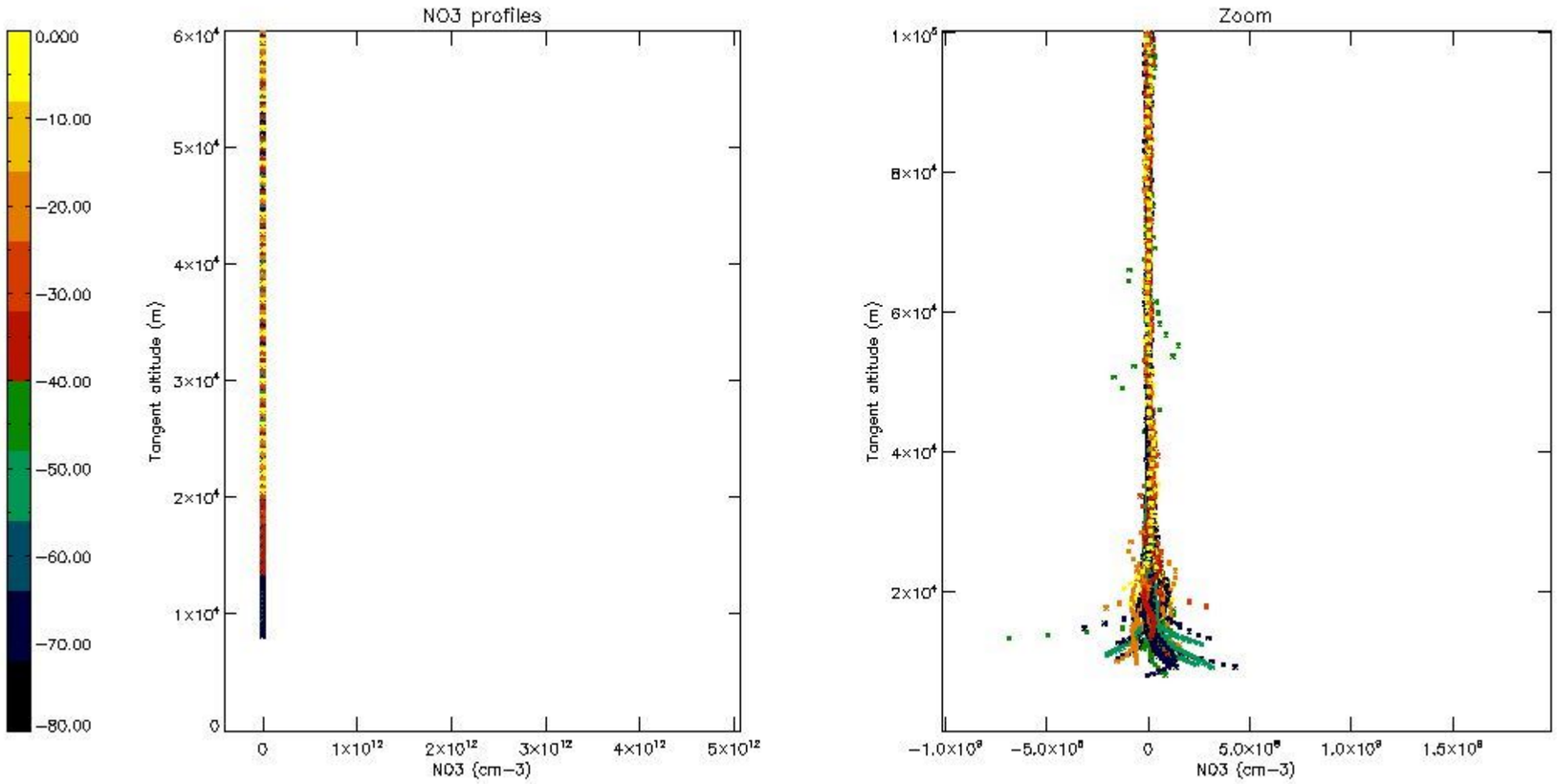
5.6 Plot NO2 profiles for all STD (dark without errors)

The colorbar represents the latitude.



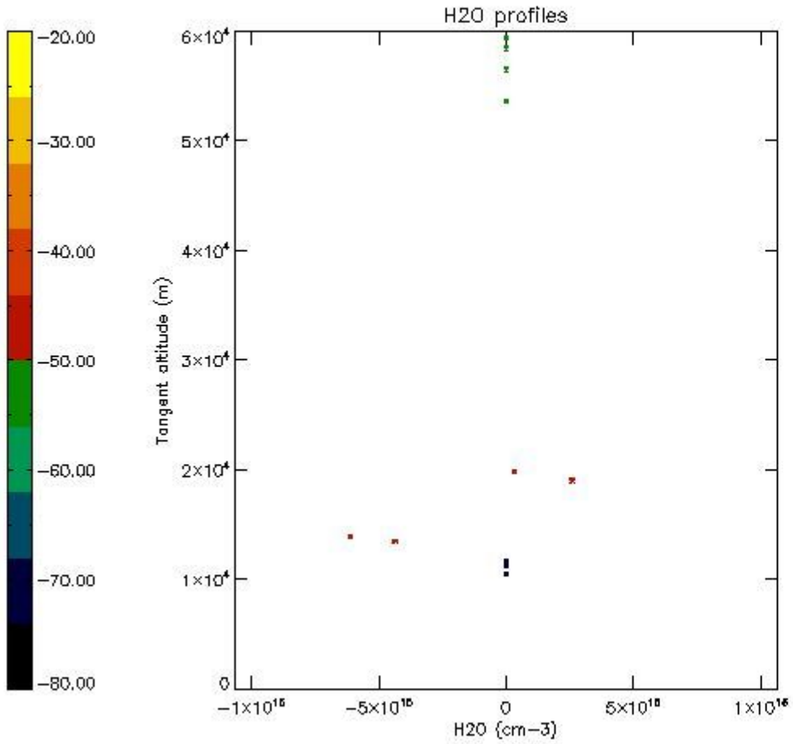
5.7 Plot NO3 profiles for all STD (dark without errors)

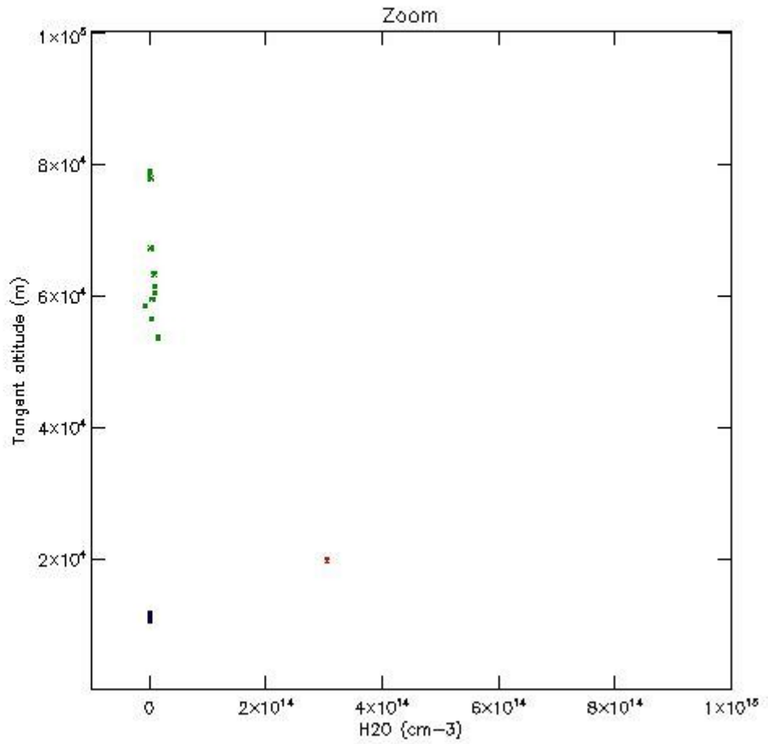
The colorbar represents the latitude.



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

The colorbar represents the latitude.

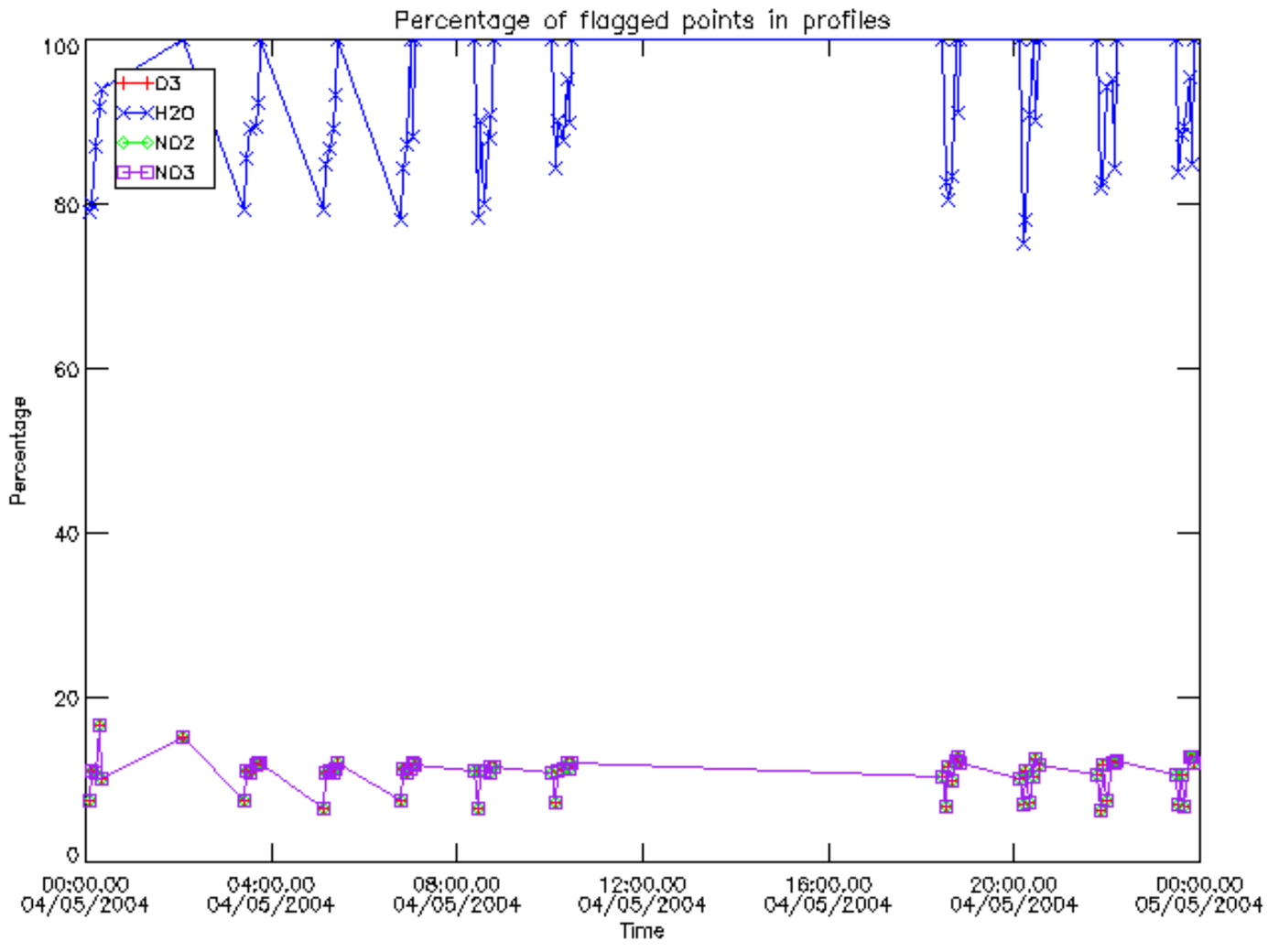




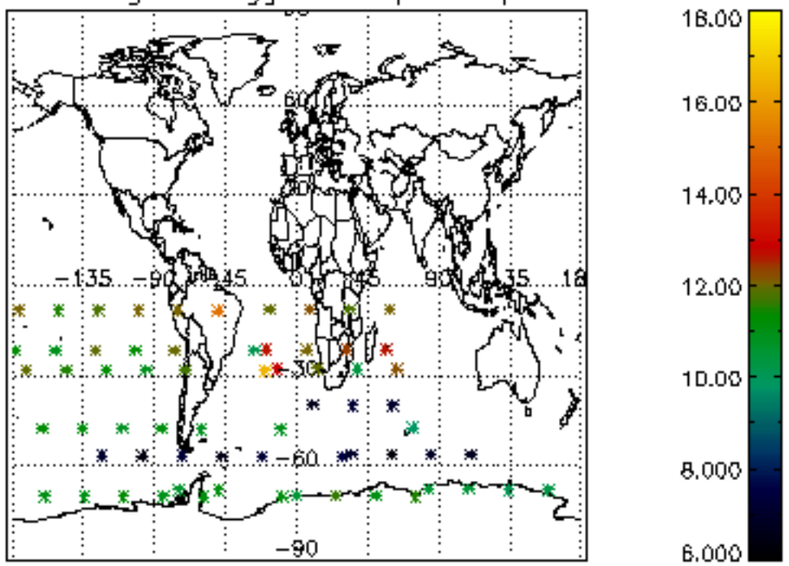
6. Auxiliary Data Files used for the production reported in section 2

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

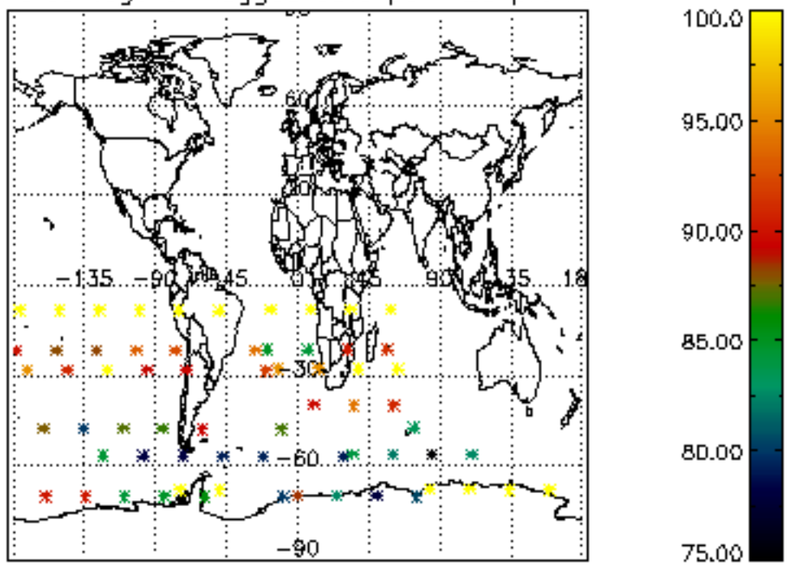
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	04-MAY-2004 00:04:25
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	04-MAY-2004 00:04:25
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	04-MAY-2004 00:04:25


Percentage of flagged points in profiles
O3
H2O
NO2
NO3
100
80
60
40
20
0
Percentage
00:00.00
04/05/2004
04:00.00
04/05/2004
08:00.00
04/05/2004
12:00.00
04/05/2004
16:00.00
04/05/2004
20:00.00
04/05/2004
00:00.00
05/05/2004
Time

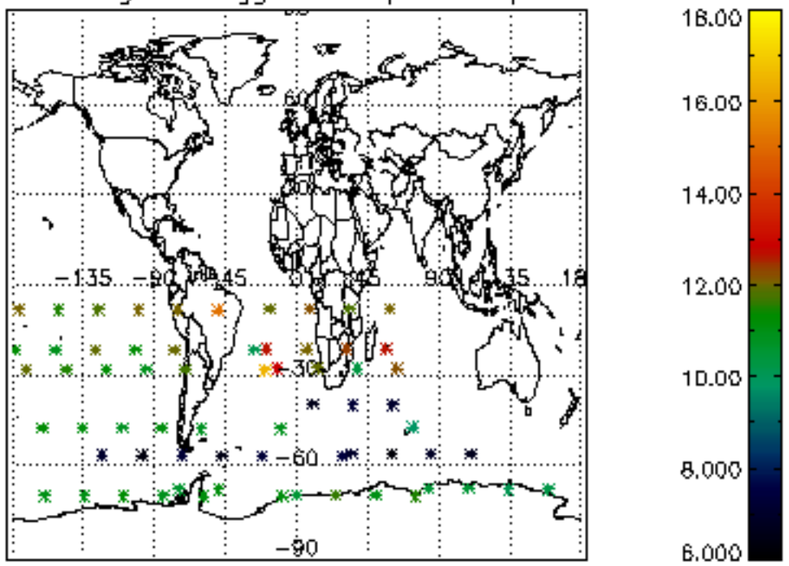
Percentage of flagged data per O3 profile



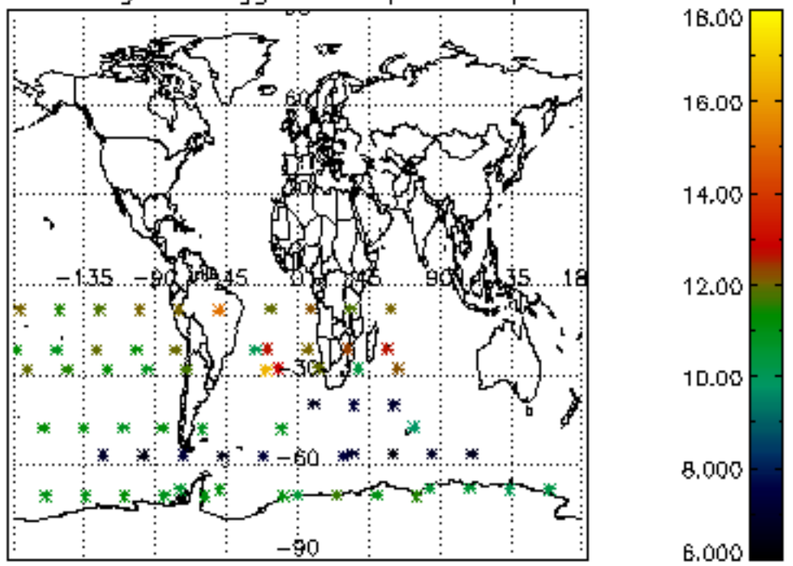
Percentage of flagged data per H2O profile

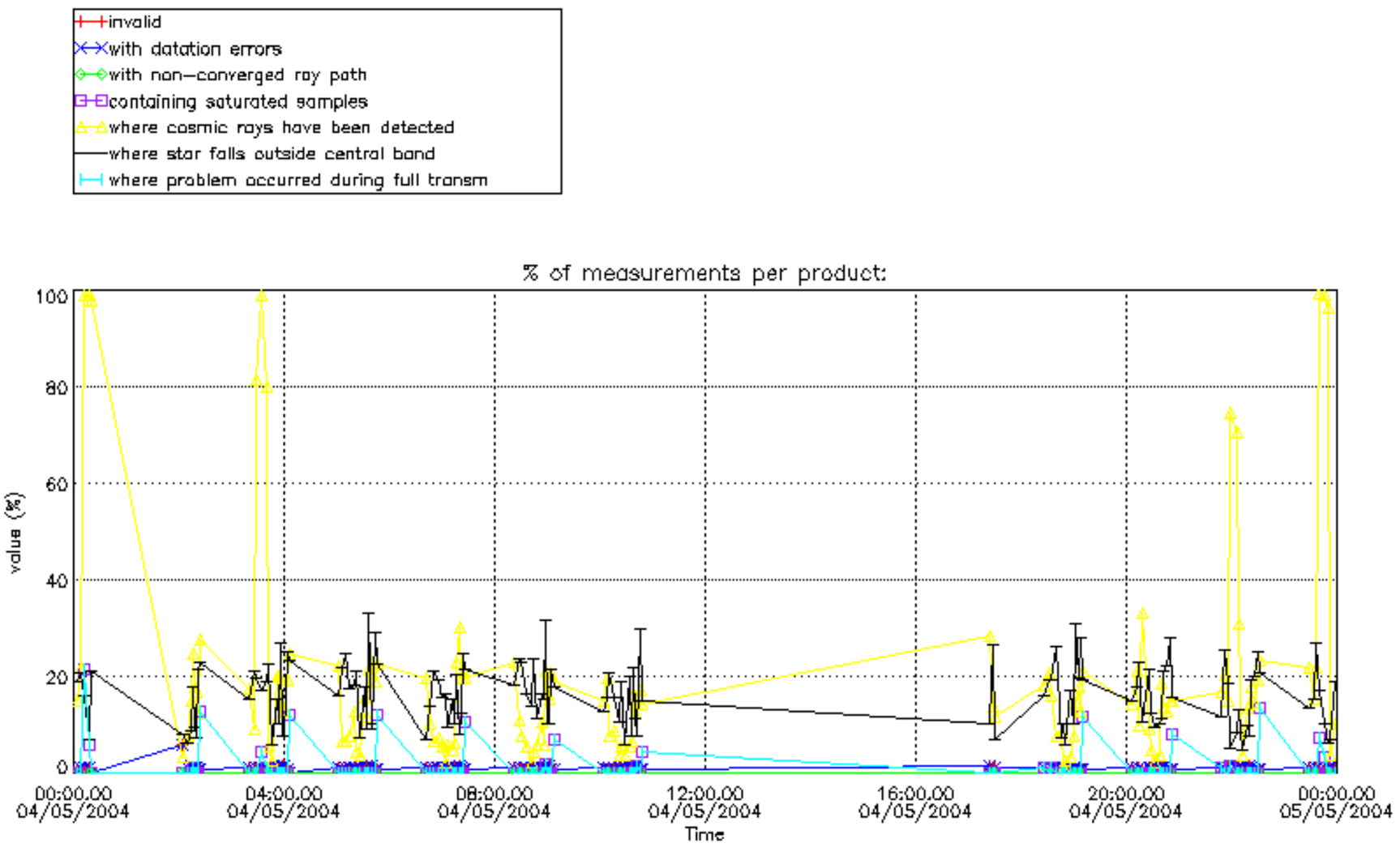


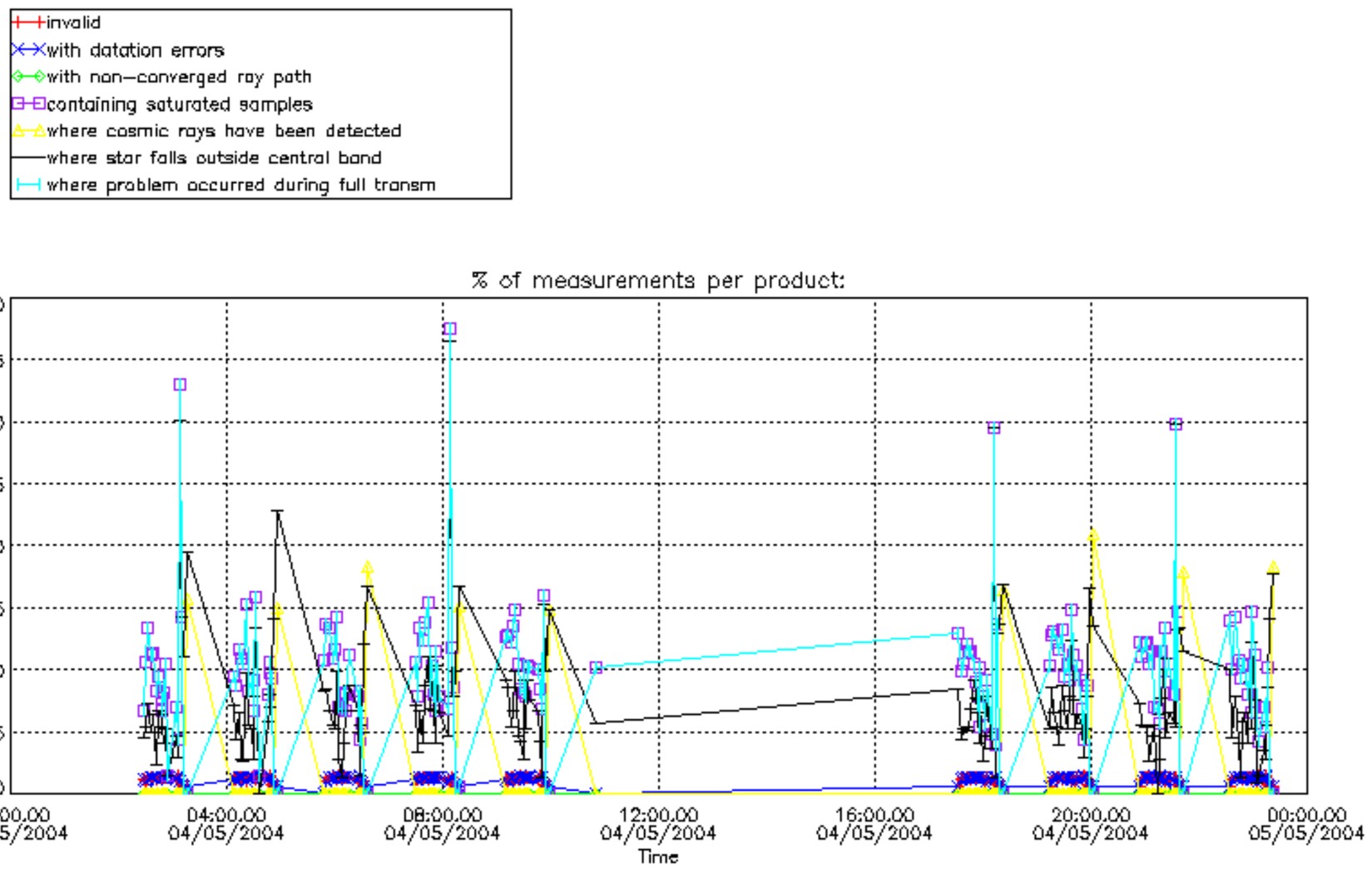
Percentage of flagged data per NO2 profile

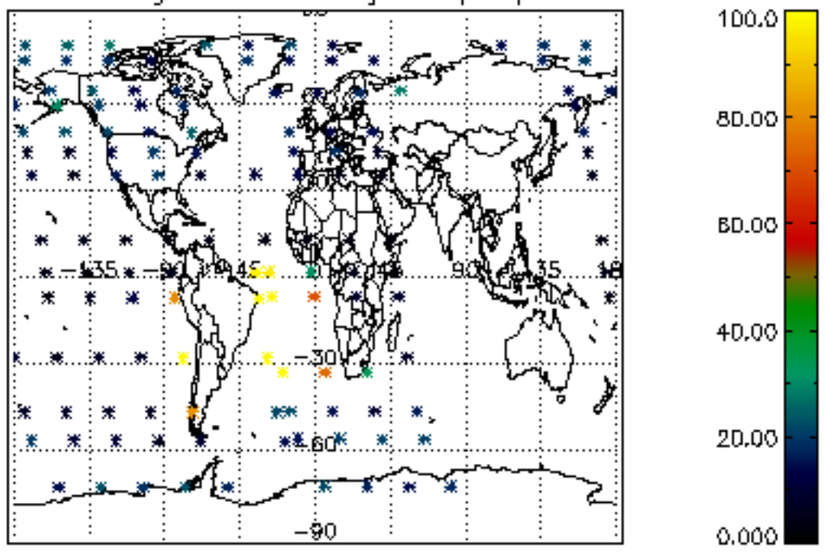


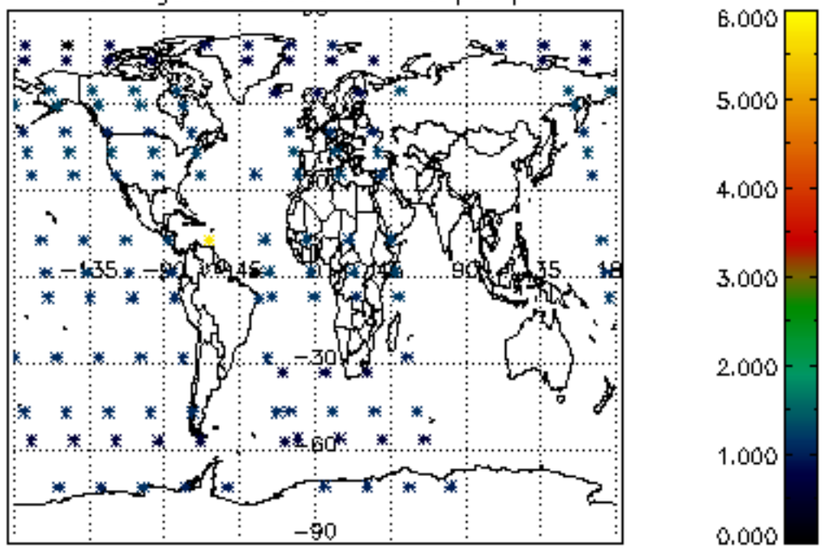
Percentage of flagged data per NO3 profile

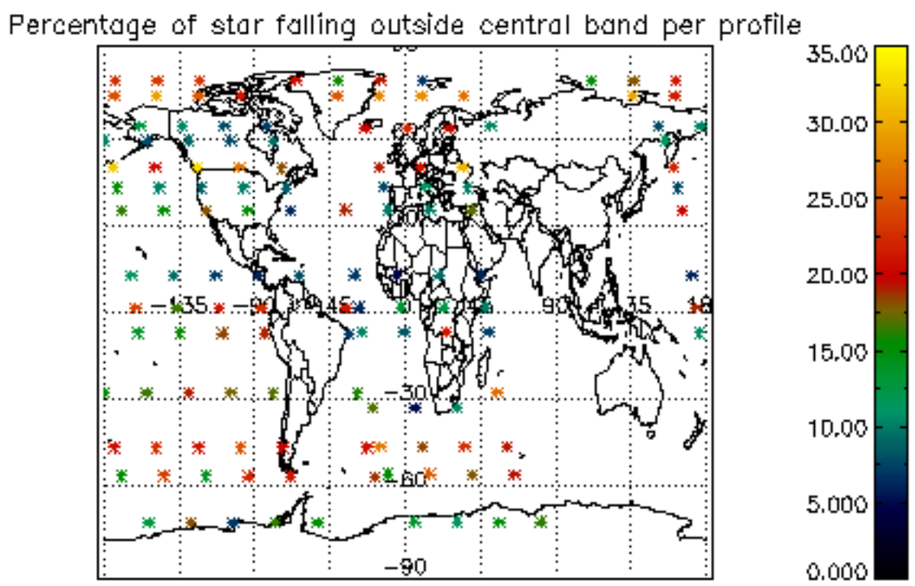


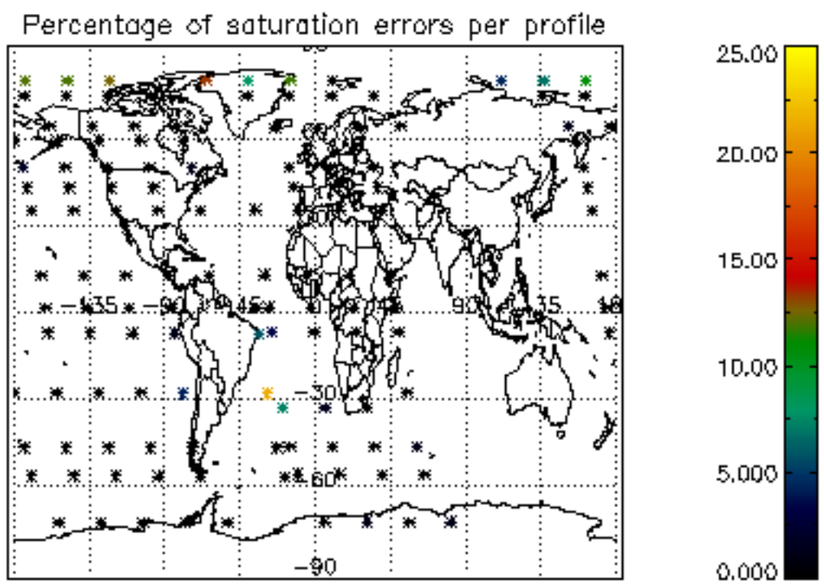

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
100
80
60
40
20
0
value (%)
00:00.00
04/05/2004
04:00.00
04/05/2004
08:00.00
04/05/2004
12:00.00
04/05/2004
16:00.00
04/05/2004
20:00.00
04/05/2004
00:00.00
05/05/2004
Time

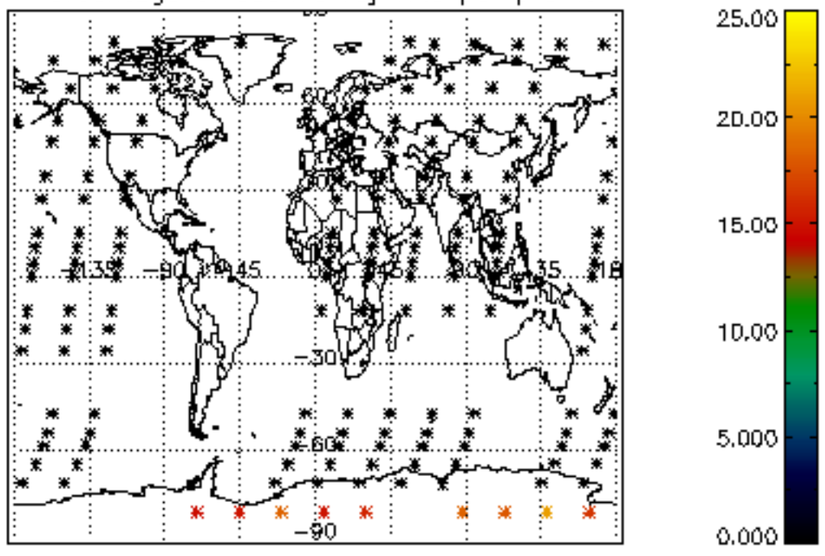

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
value (%)
40
35
30
25
20
15
10
5
0
00:00.00
04/05/2004
04:00.00
04/05/2004
08:00.00
04/05/2004
12:00.00
04/05/2004
16:00.00
04/05/2004
20:00.00
04/05/2004
00:00.00
05/05/2004
Time

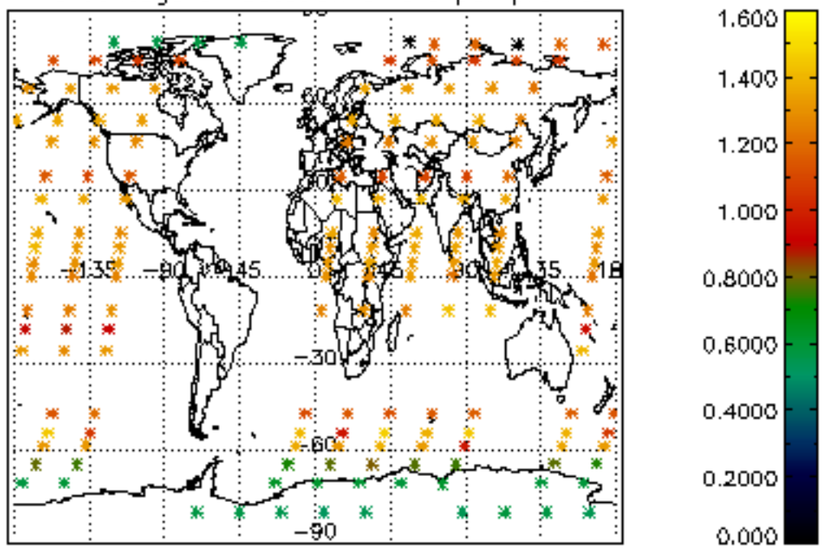

Percentage of cosmic ray hits per profile
100.0
80.00
60.00
40.00
20.00
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

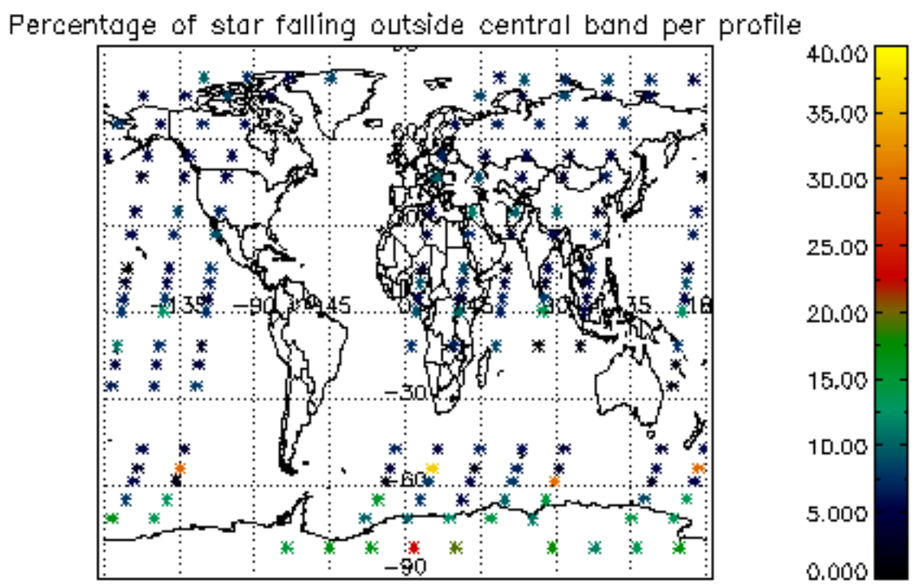

Percentage of datation errors per profile
6.000
5.000
4.000
3.000
2.000
1.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

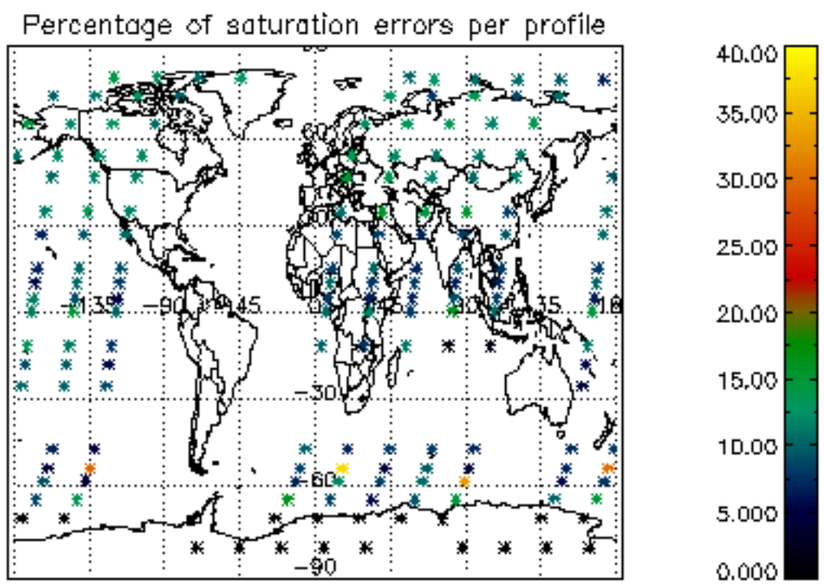

Percentage of star falling outside central band per profile
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

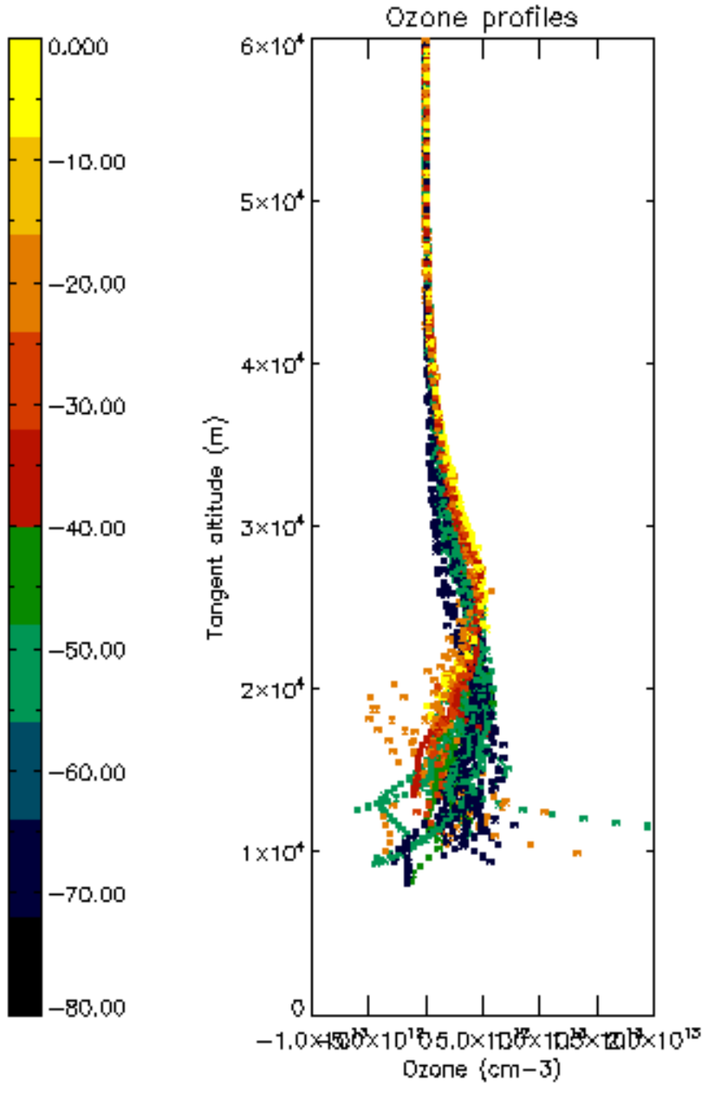

Percentage of saturation errors per profile
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

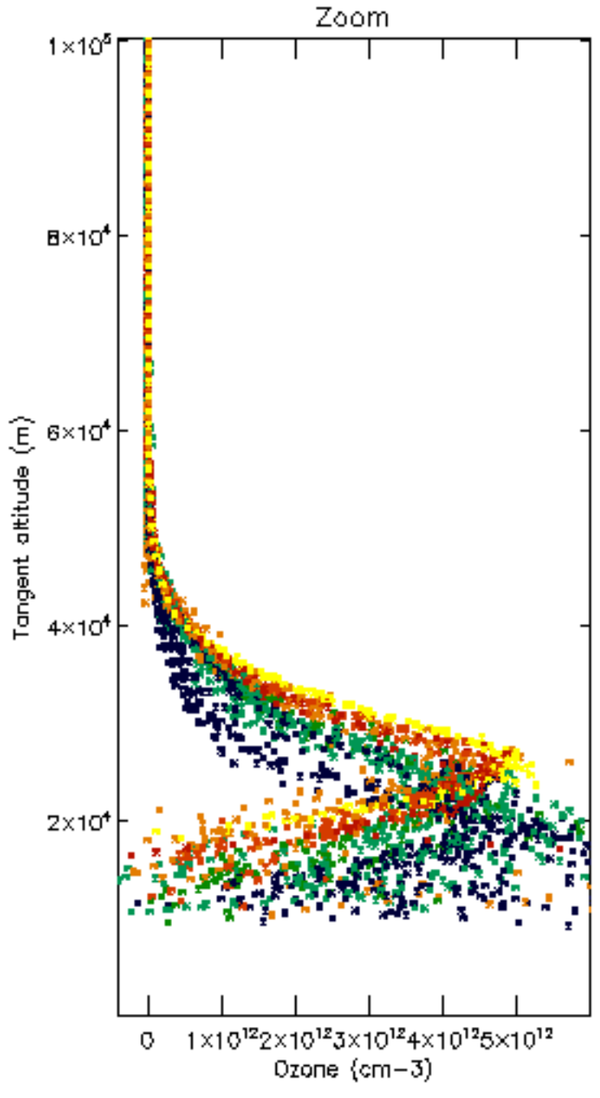

Percentage of cosmic ray hits per profile
25.00
20.00
15.00
10.00
5.000
0.000
-135
-90
-45
0
45
90
135
180
-30
-60
-90

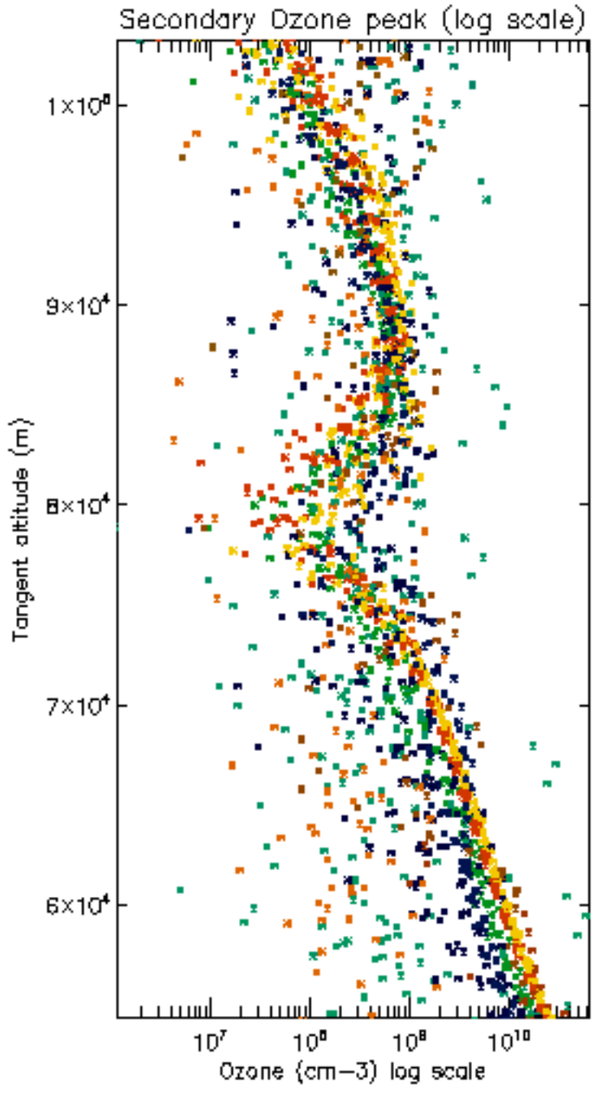

Percentage of datation errors per profile
1.600
1.400
1.200
1.000
0.8000
0.6000
0.4000
0.2000
0.000
-135
-90
-45
0
45
90
135
180
-30
-60
-90

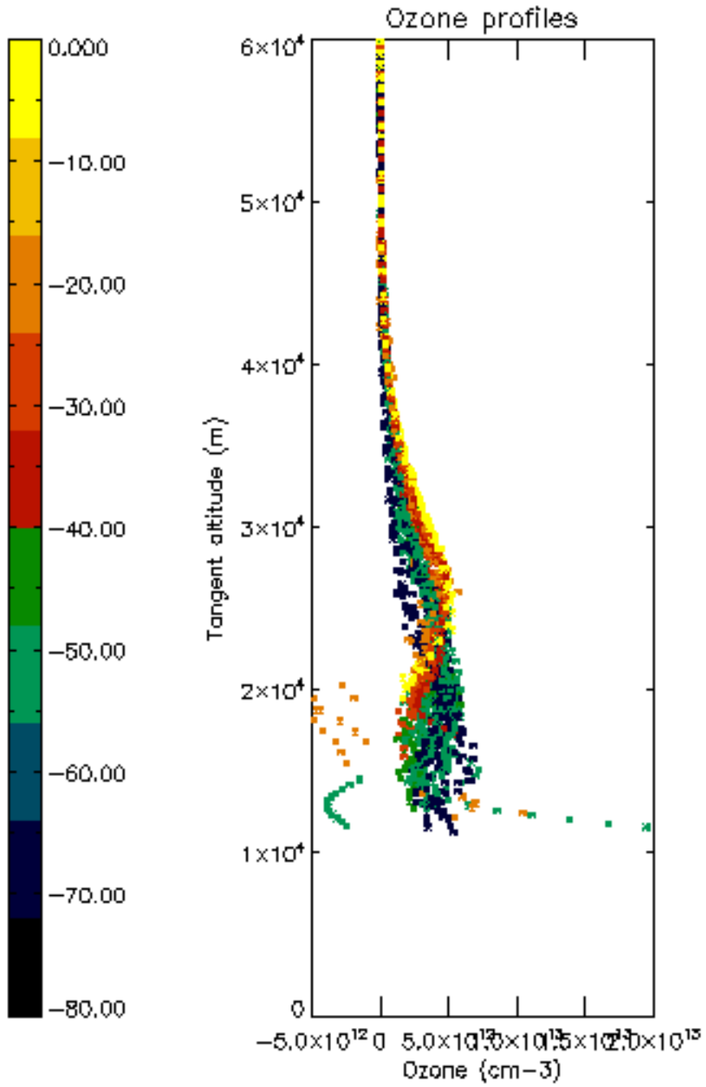

Percentage of star falling outside central band per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
-135
-90
-45
0
45
90
135
180
-30
-60
-90

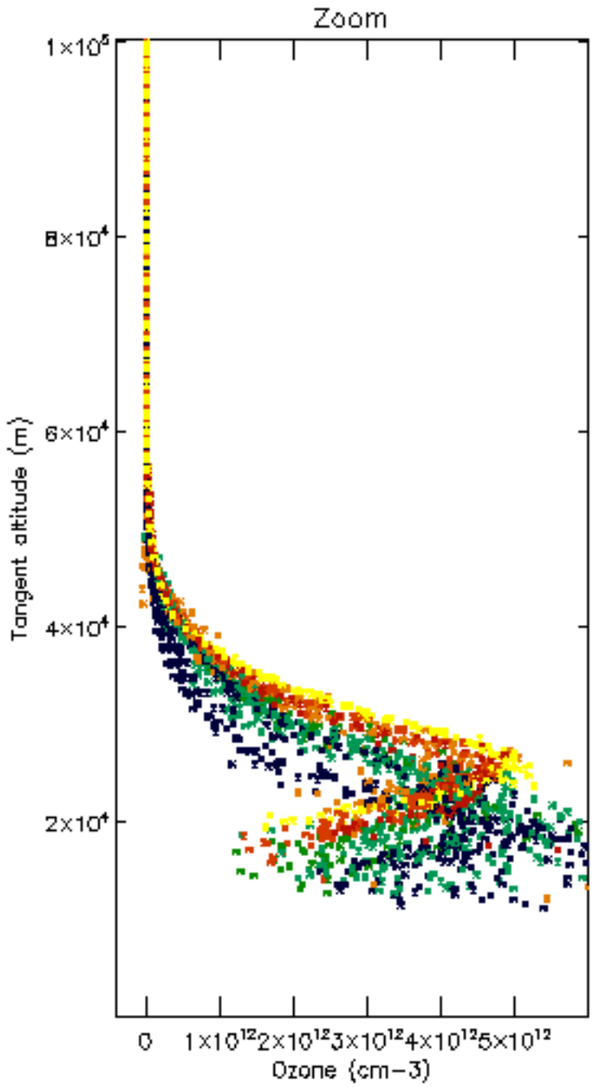

Percentage of saturation errors per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
-135
-90
-45
0
45
90
135
180
-30
-60
-90

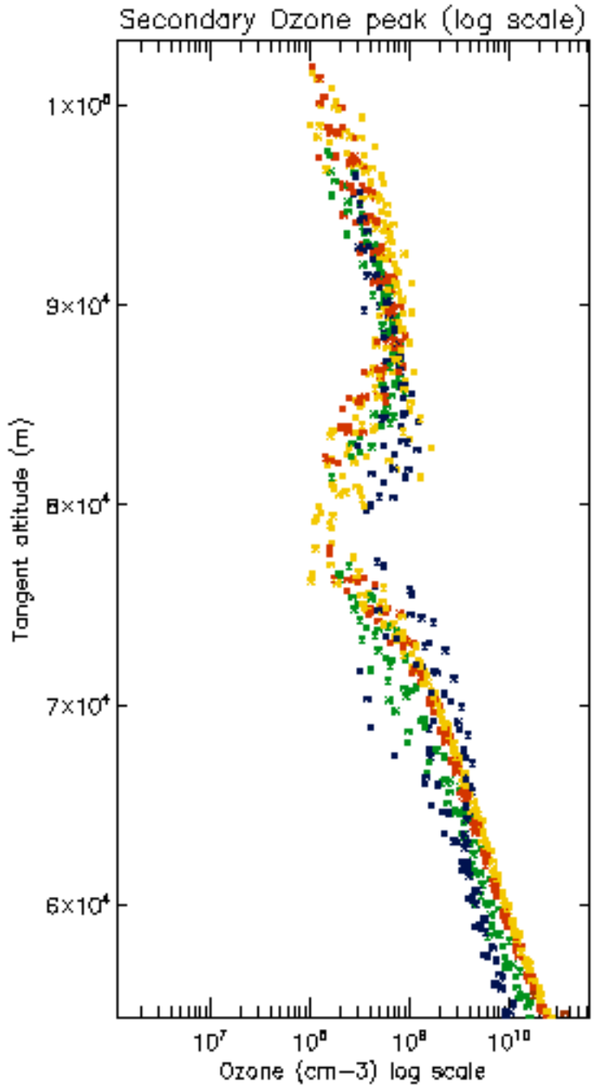

Ozone profiles
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
−80.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
Ozone (cm−3)

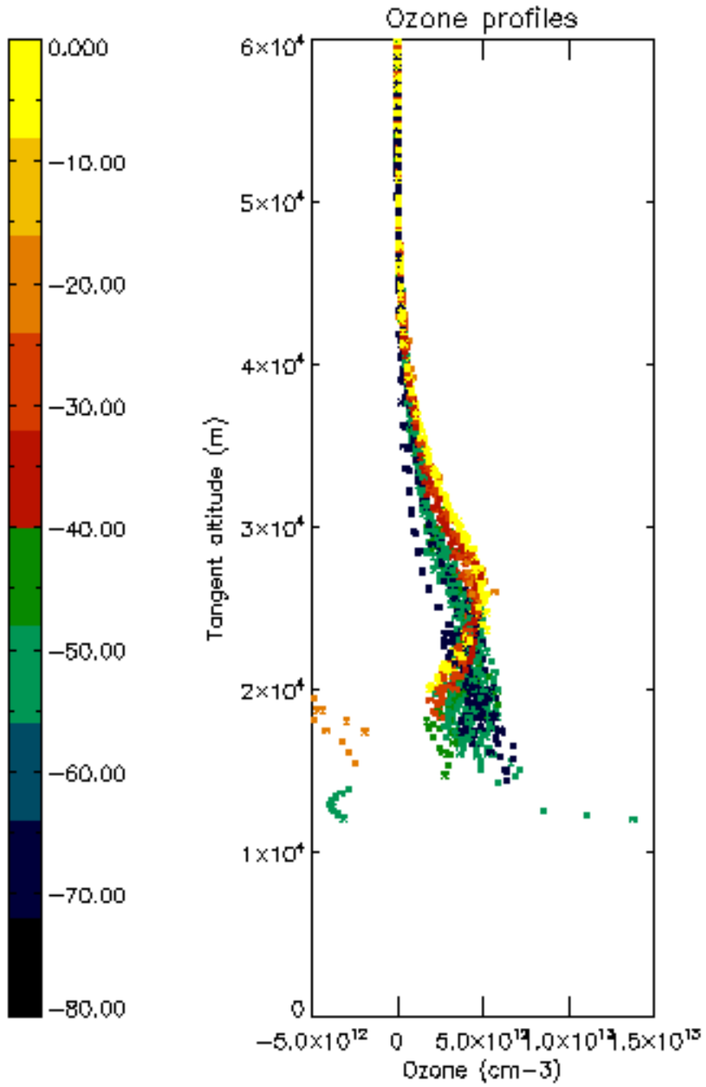

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)

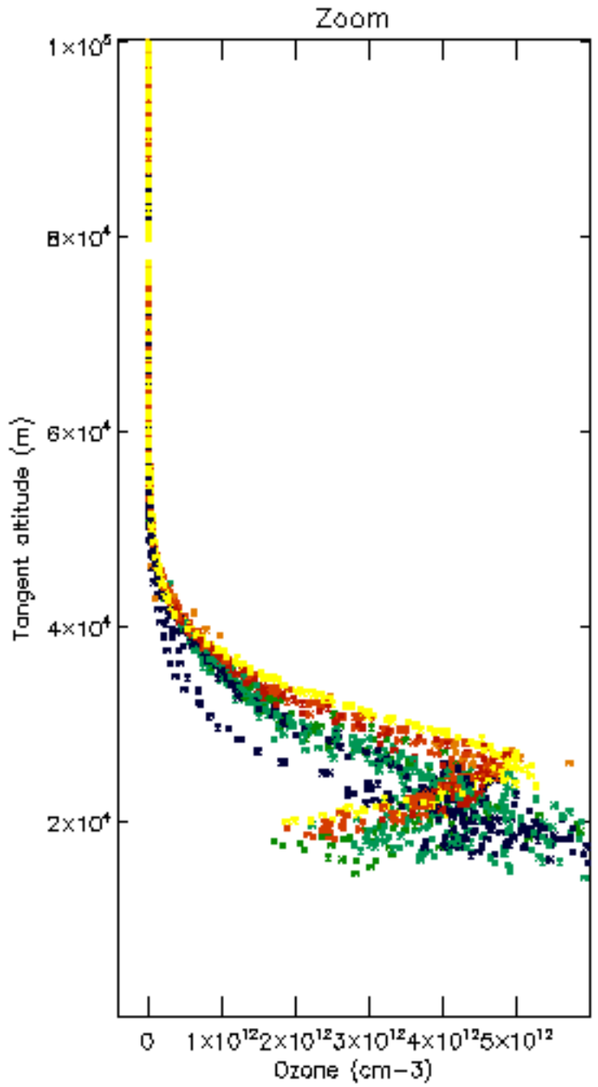

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m)
10⁷
10⁸
10⁹
10¹⁰
Ozone (cm−3) log scale

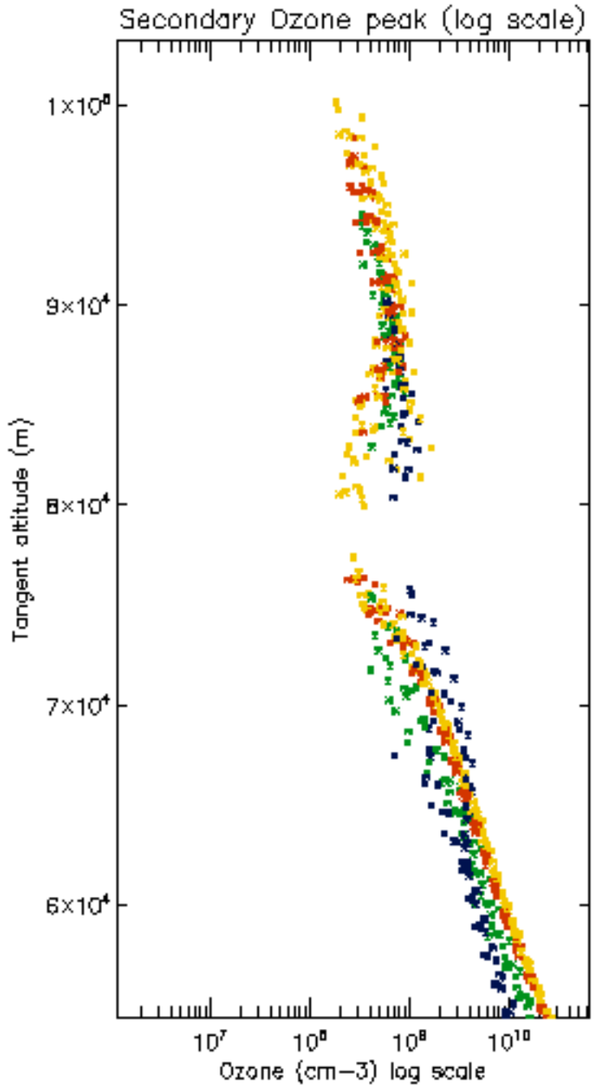

0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
−80.00
Ozone profiles
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−5.0×10¹² 0 5.0×10¹²
Ozone (cm−3)

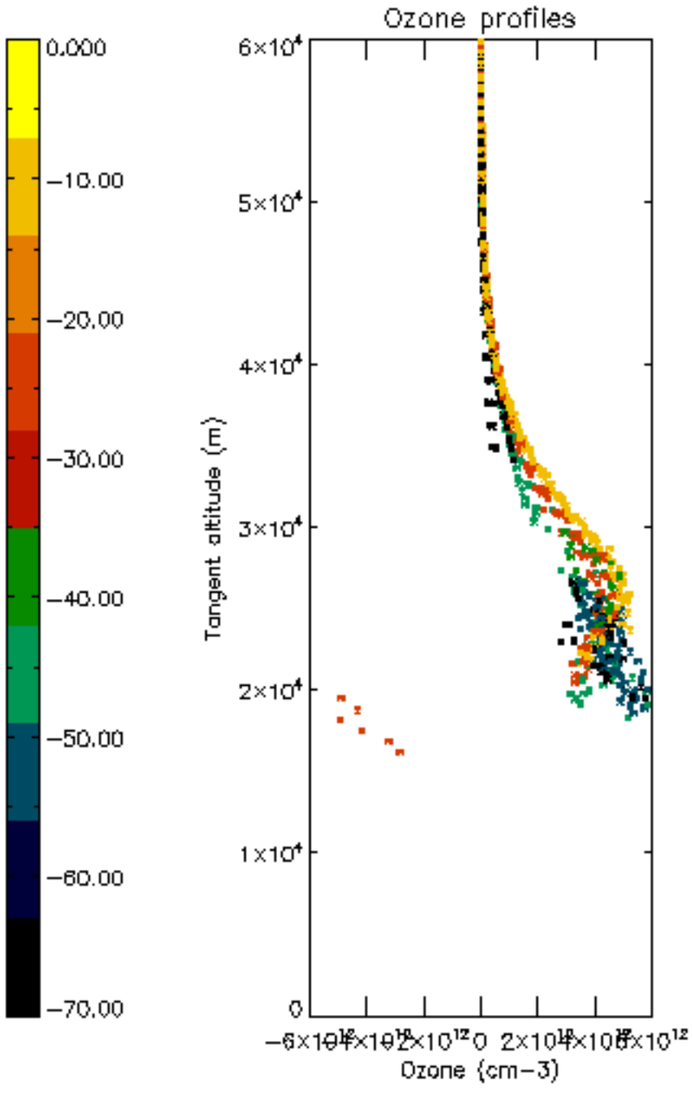

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0 1×10¹² 2×10¹² 3×10¹² 4×10¹² 5×10¹²
Ozone (cm−3)


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


Ozone profiles
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
−80.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m
−5.0×10¹²
0
5.0×10¹²
1.0×10¹³
1.5×10¹³
Ozone (cm−3)

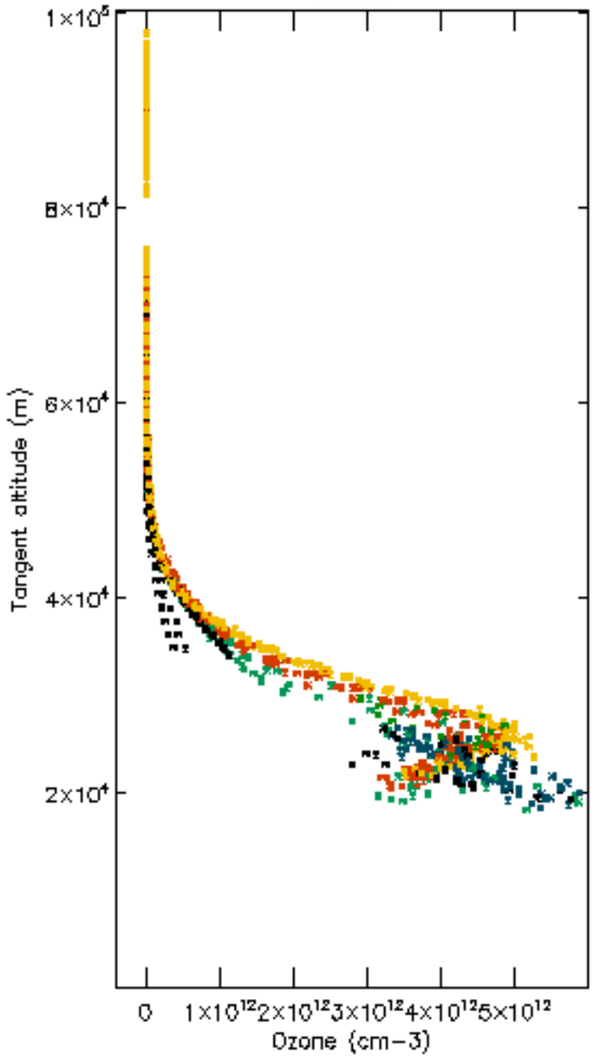

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)


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

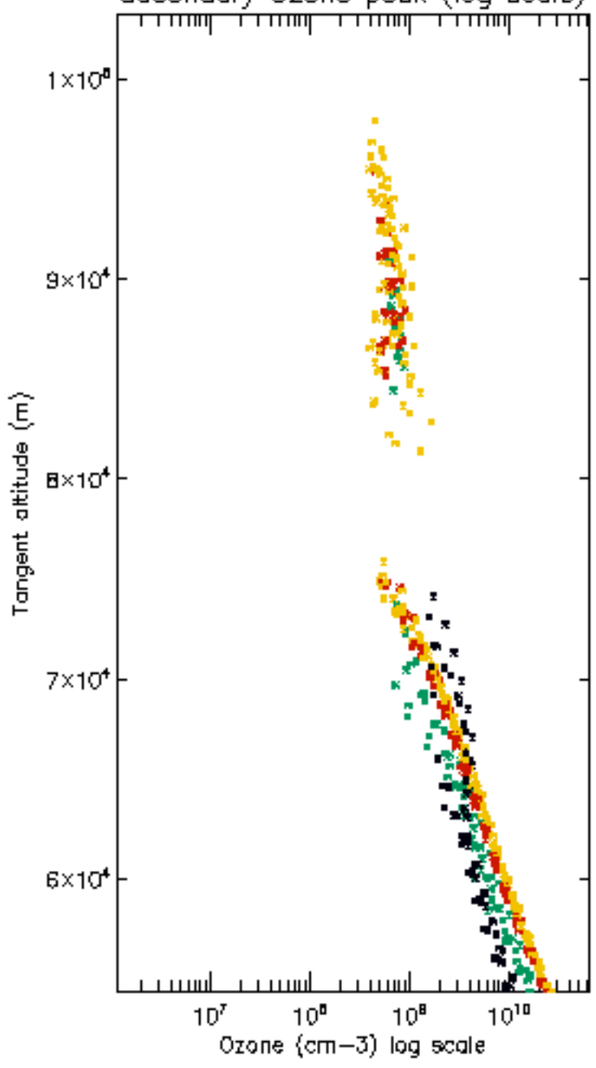


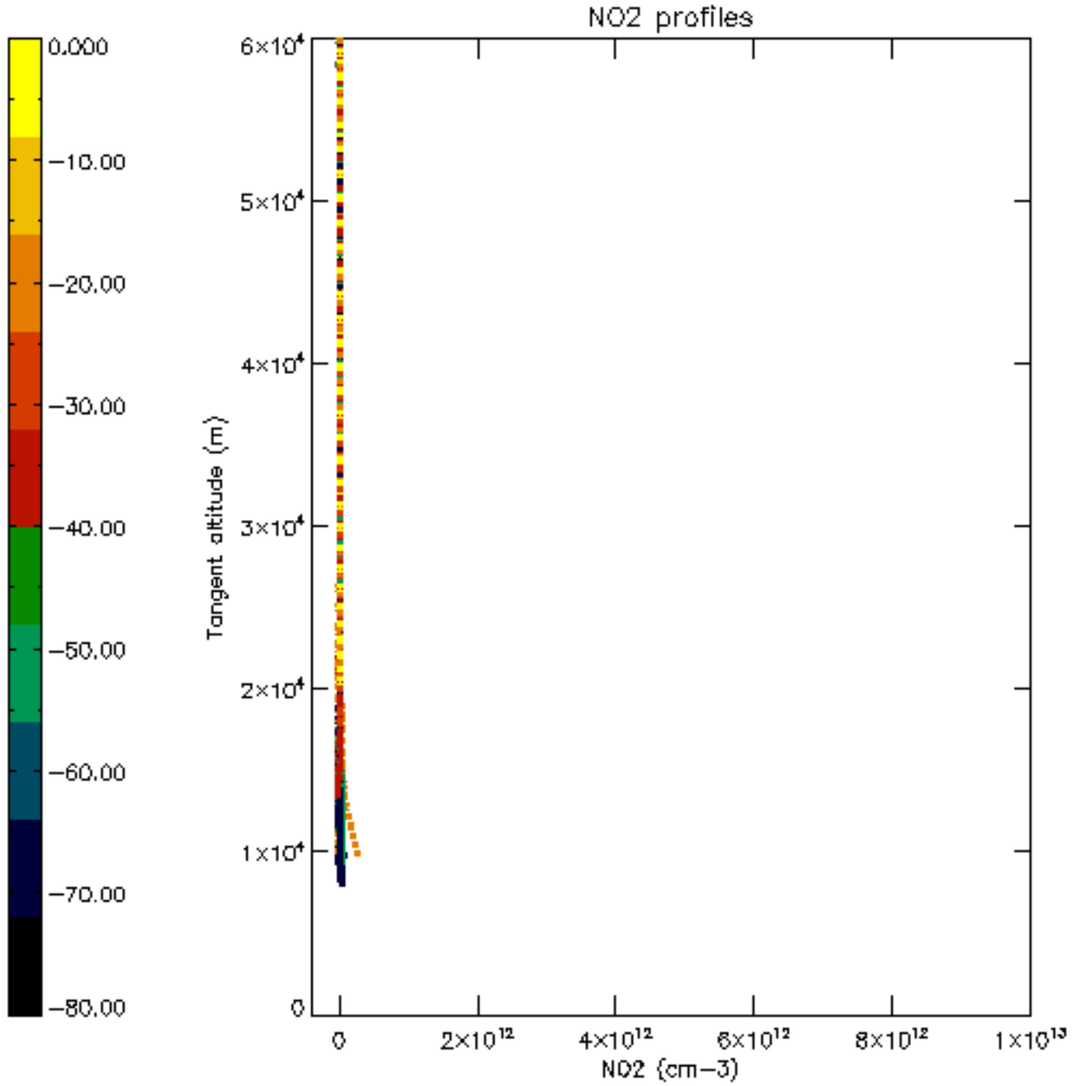
Ozone profiles

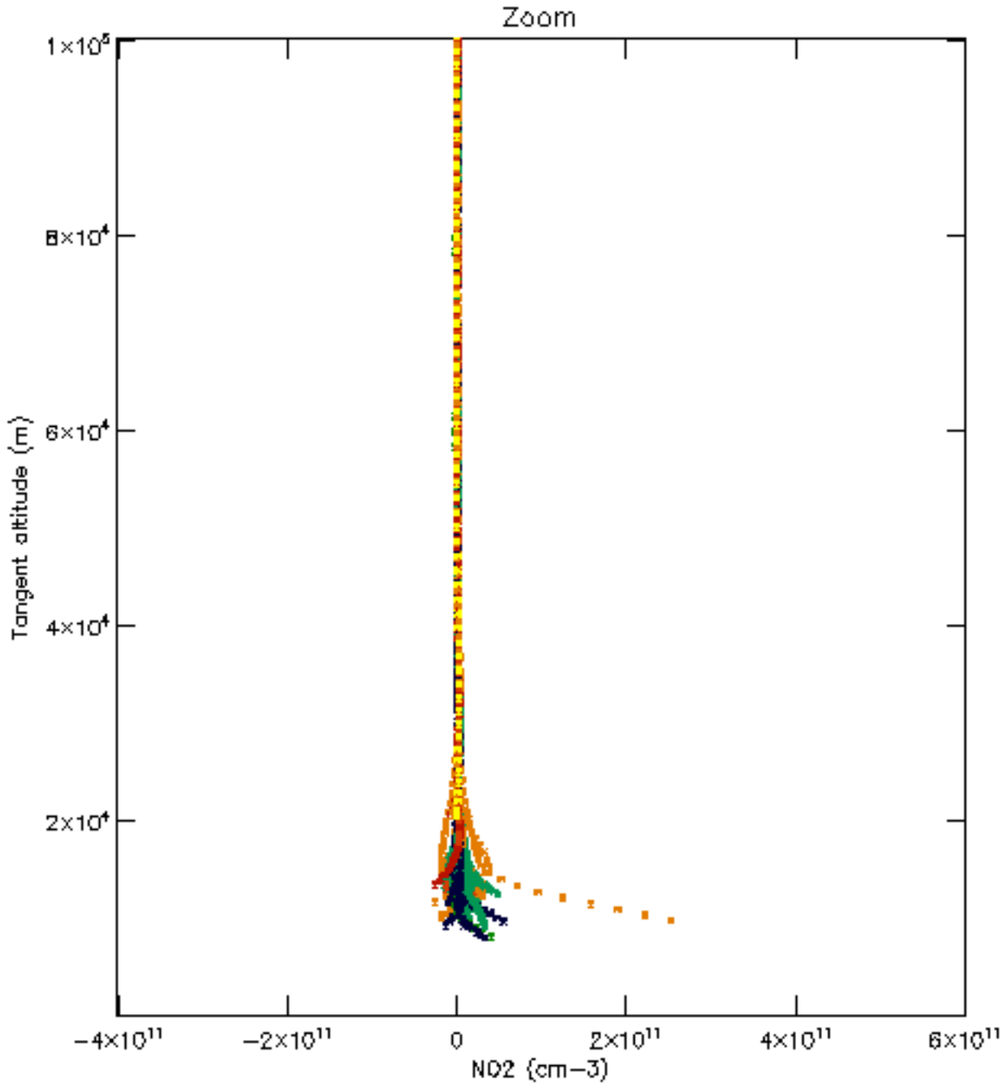
Zoom

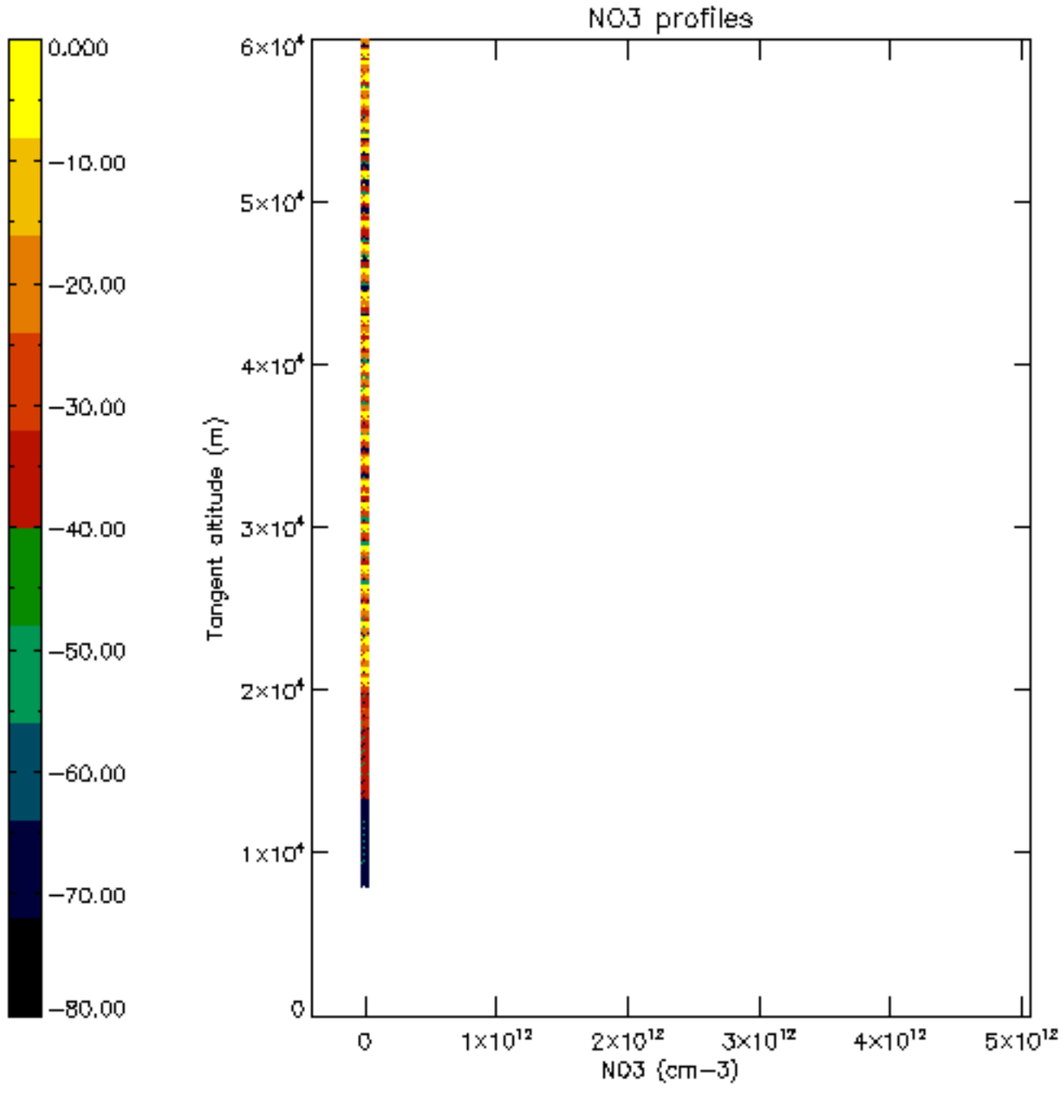


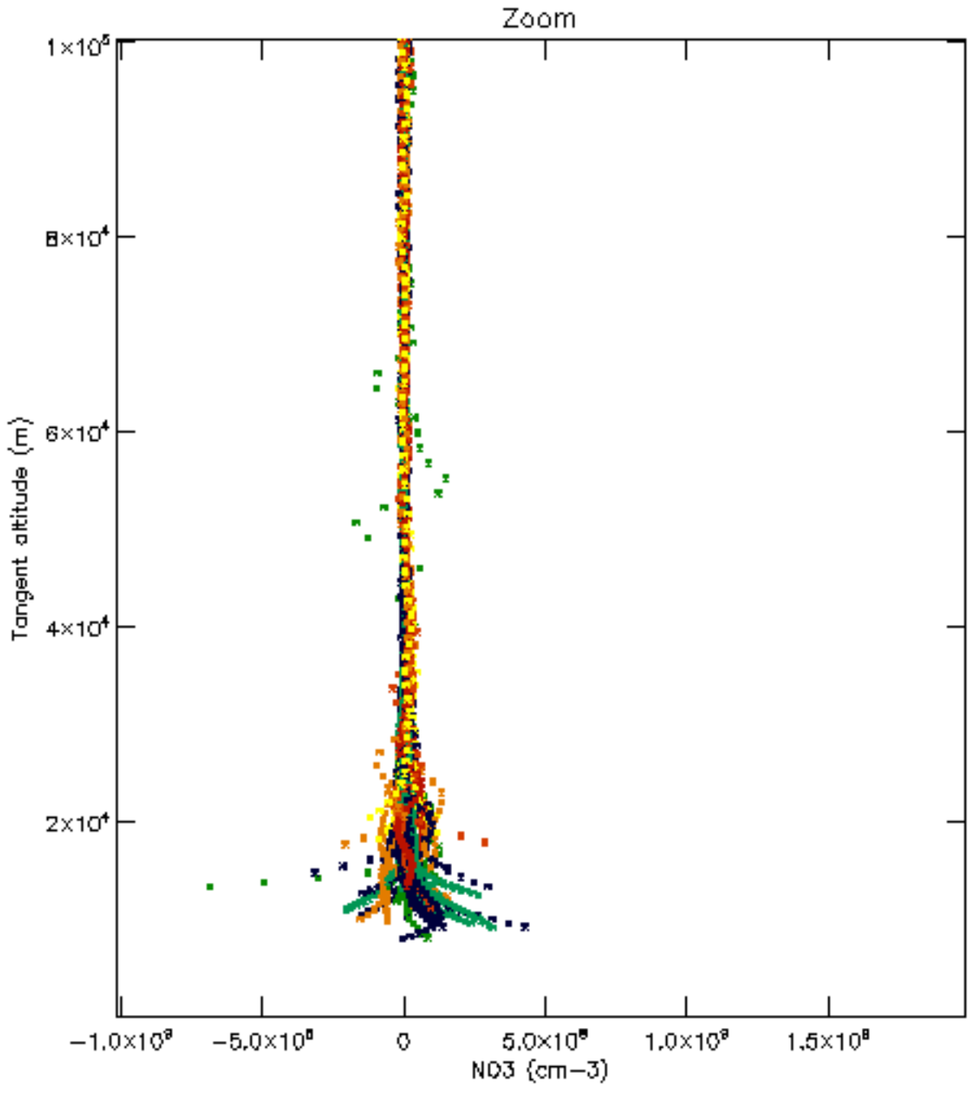
Secondary Ozone peak (log scale)

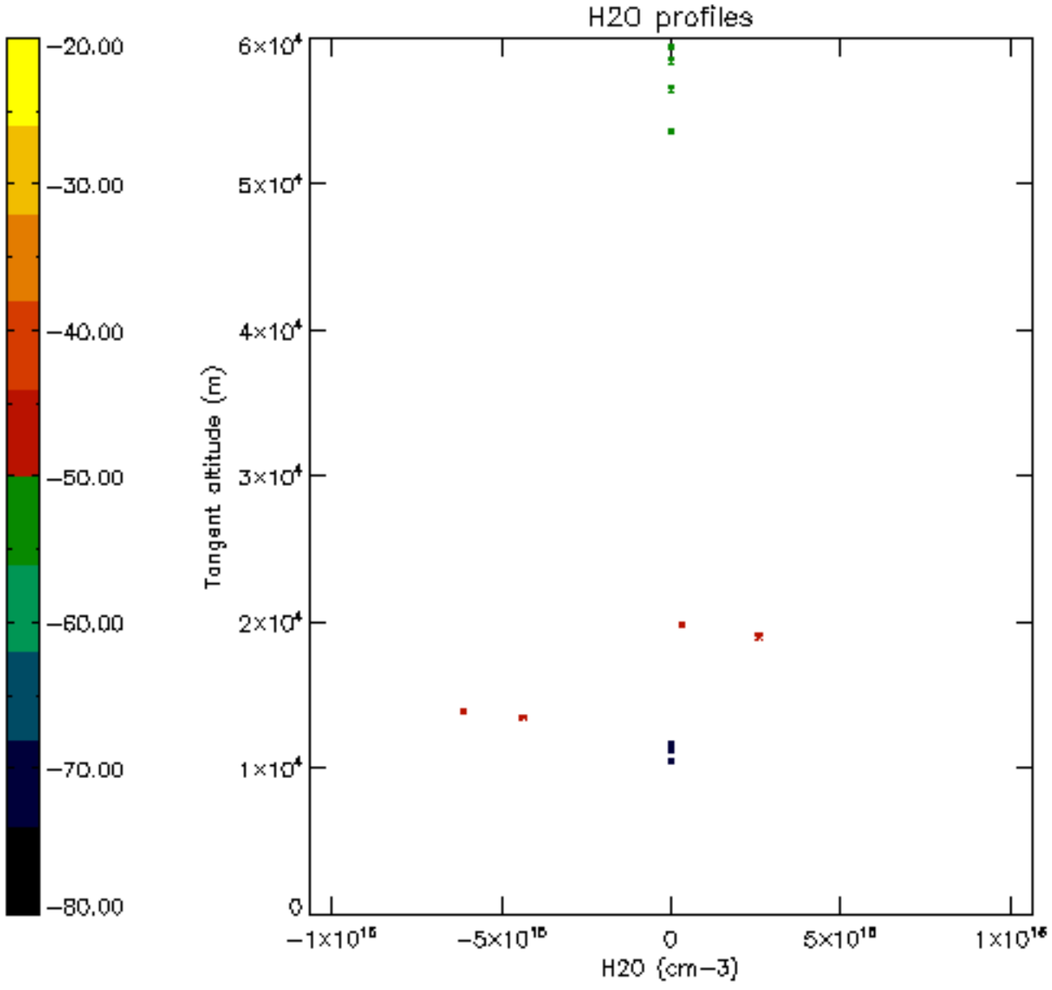


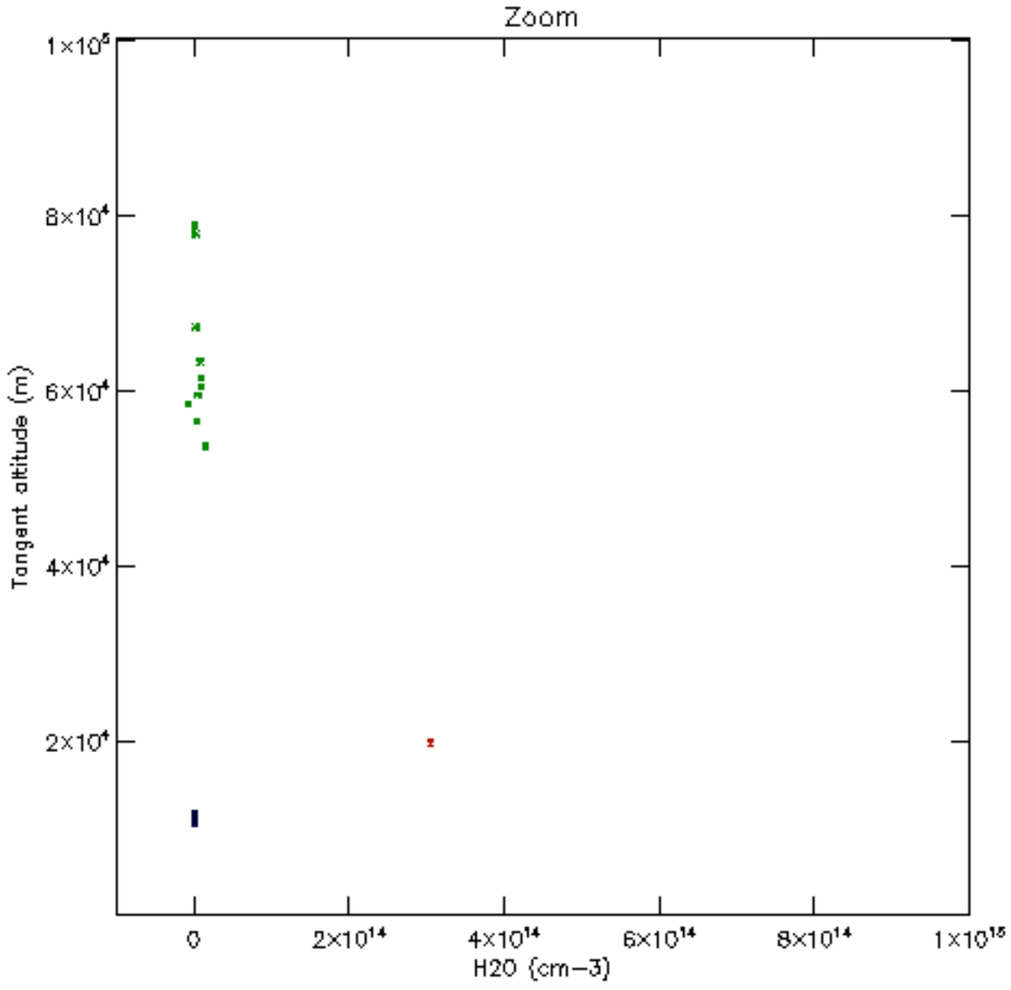

NO2 profiles
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
−80.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
2×10¹²
4×10¹²
6×10¹²
8×10¹²
1×10¹³
NO2 (cm−3)

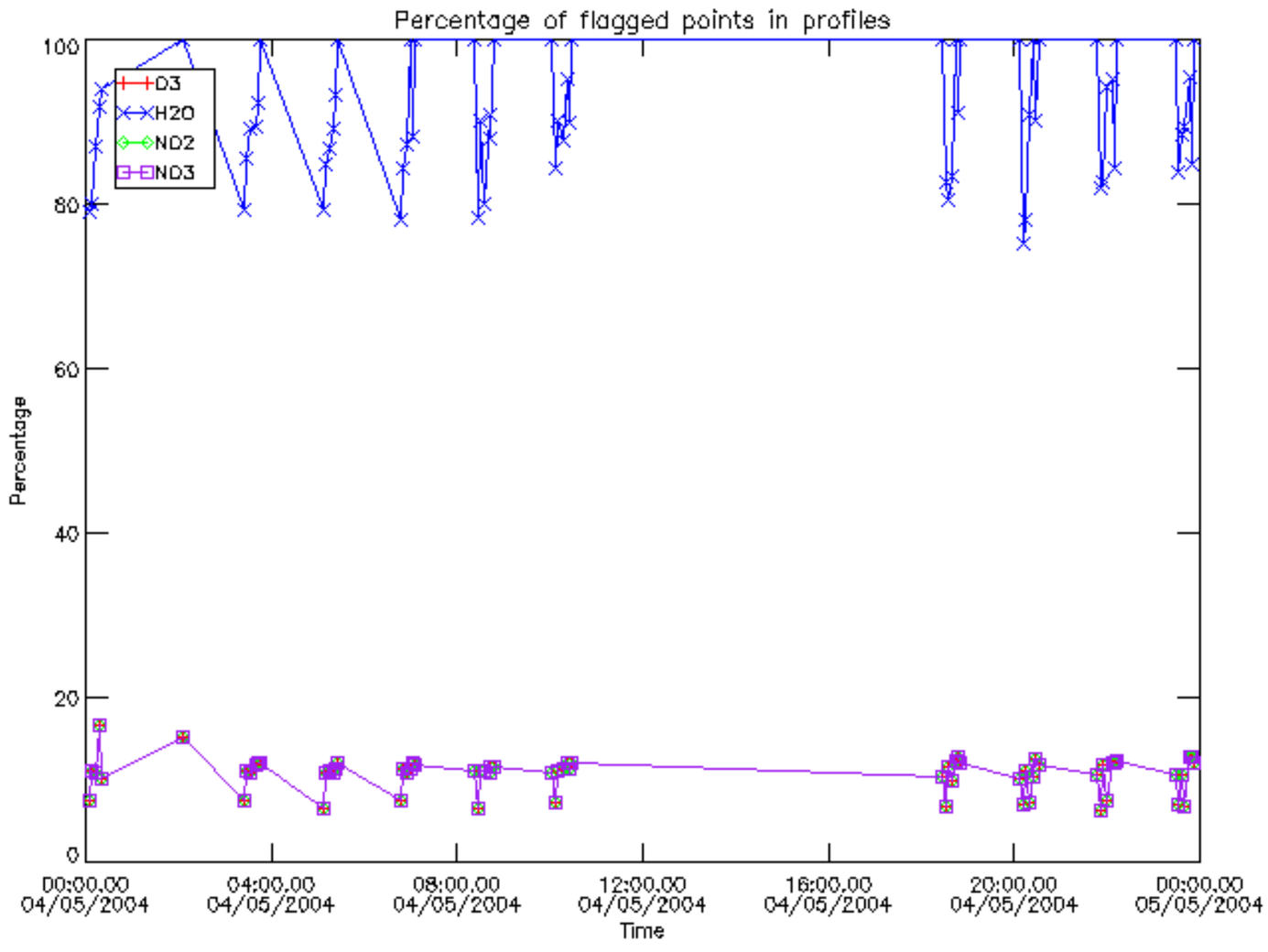

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
−4×10¹¹
−2×10¹¹
0
2×10¹¹
4×10¹¹
6×10¹¹
NO2 (cm−3)


NO3 profiles
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
−80.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
NO3 (cm−3)

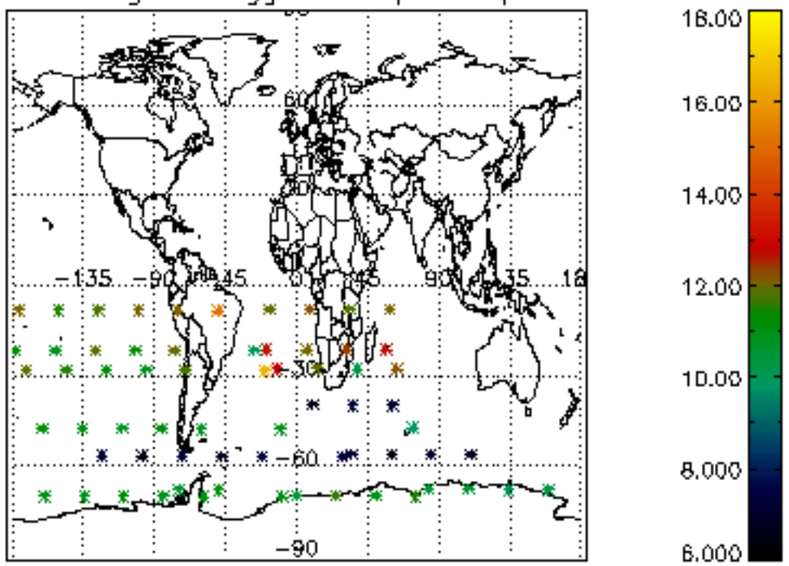

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
−1.0×10⁹
−5.0×10⁸
0
5.0×10⁸
1.0×10⁹
1.5×10⁹
NO3 (cm−3)


H2O profiles
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
−80.00
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)

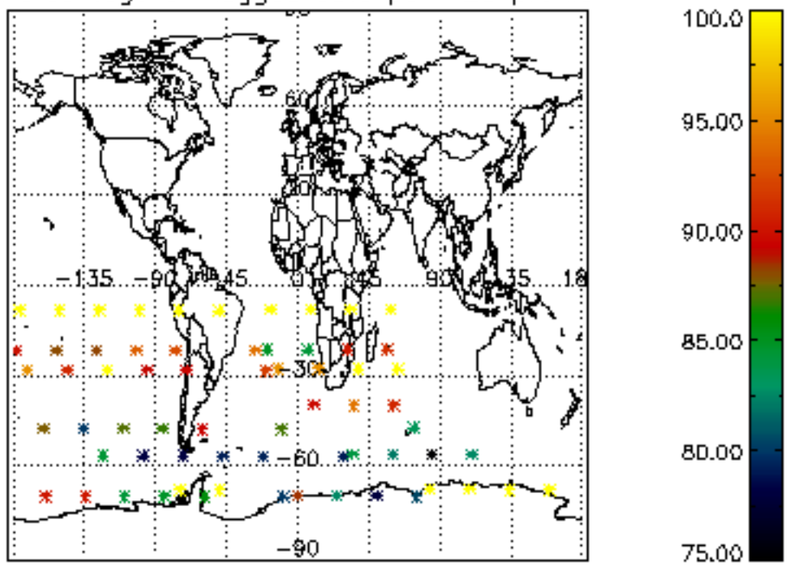

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
2×10¹⁴
4×10¹⁴
6×10¹⁴
8×10¹⁴
1×10¹⁵
H2O (cm−3)


Percentage of flagged points in profiles
O3
H2O
NO2
NO3
100
80
60
40
20
0
Percentage
00:00.00
04/05/2004
04:00.00
04/05/2004
08:00.00
04/05/2004
12:00.00
04/05/2004
16:00.00
04/05/2004
20:00.00
04/05/2004
00:00.00
05/05/2004
Time

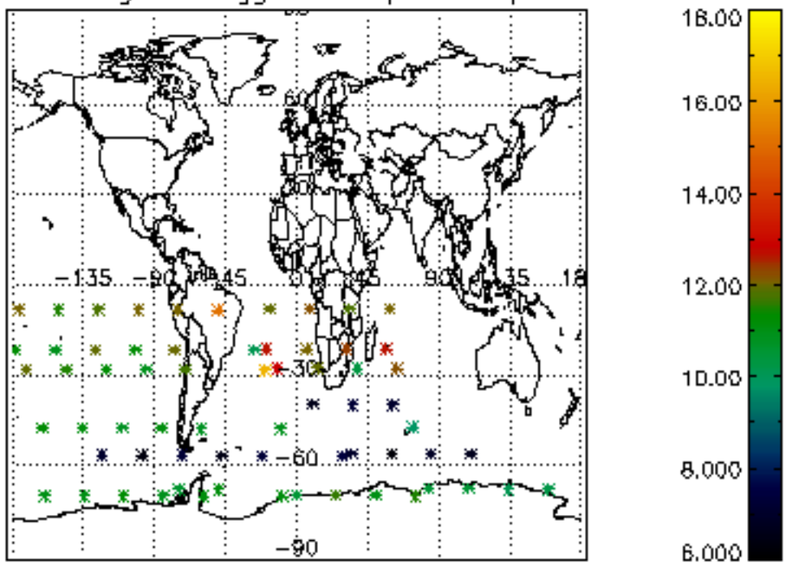
Percentage of flagged data per O3 profile



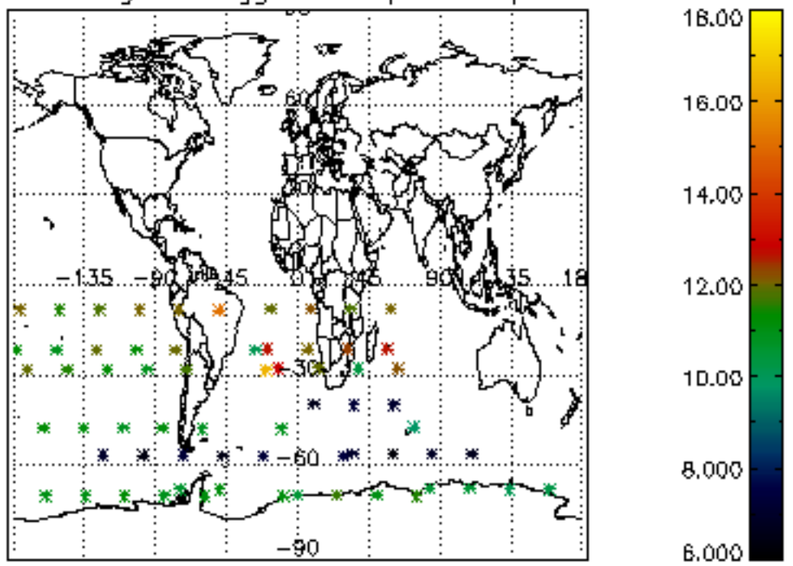
Percentage of flagged data per H2O profile

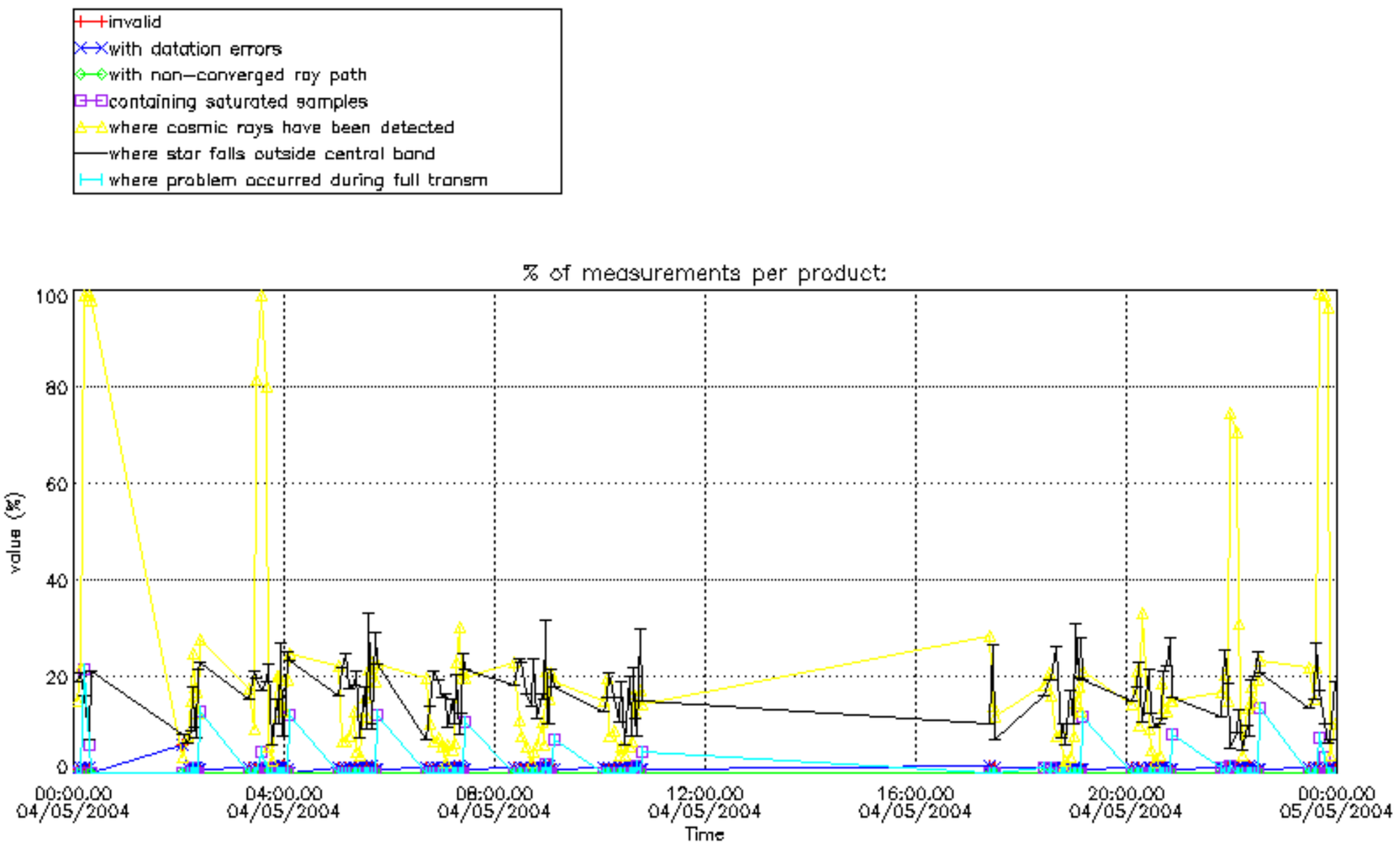


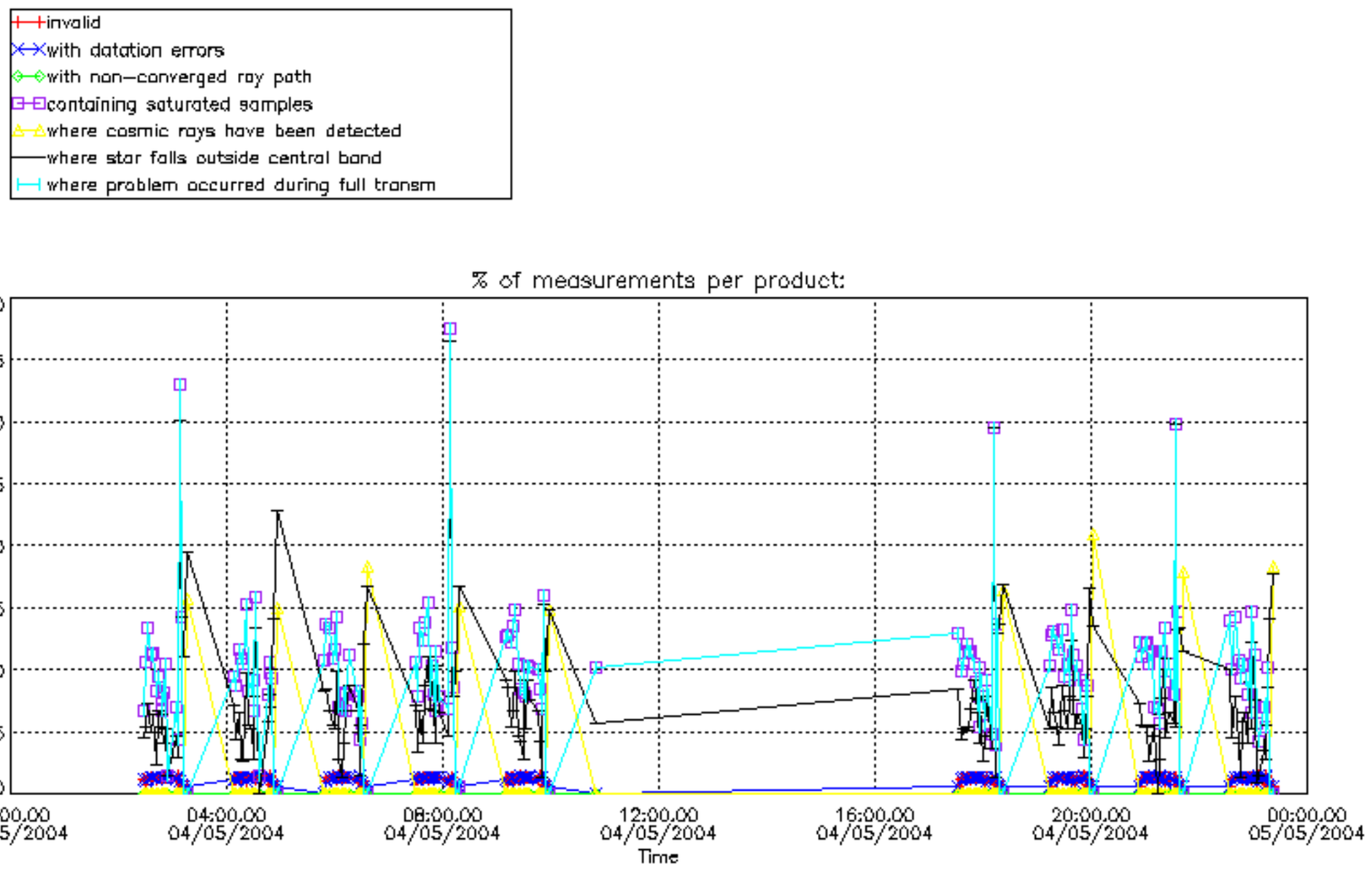
Percentage of flagged data per NO2 profile

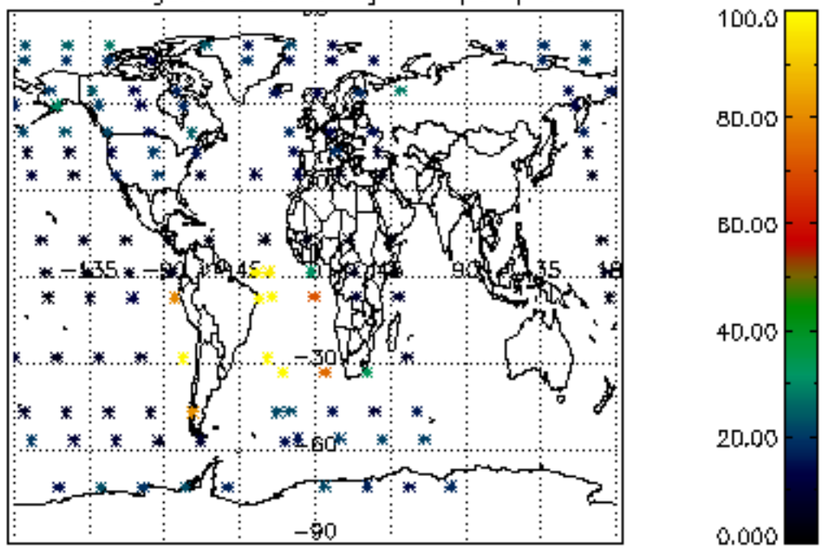


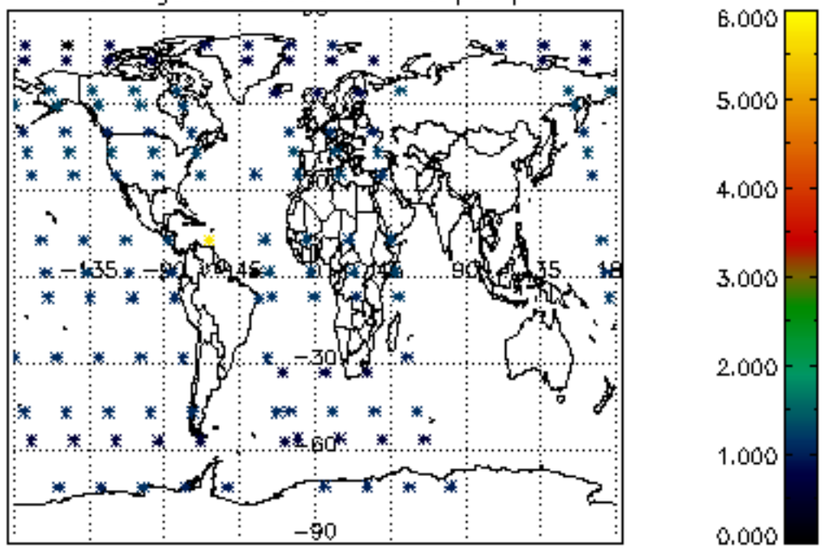
Percentage of flagged data per NO3 profile

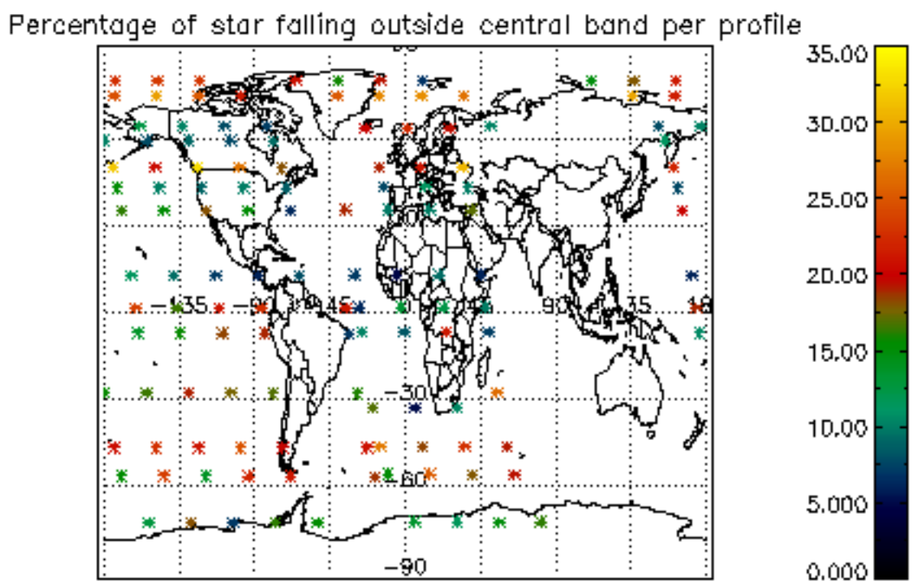


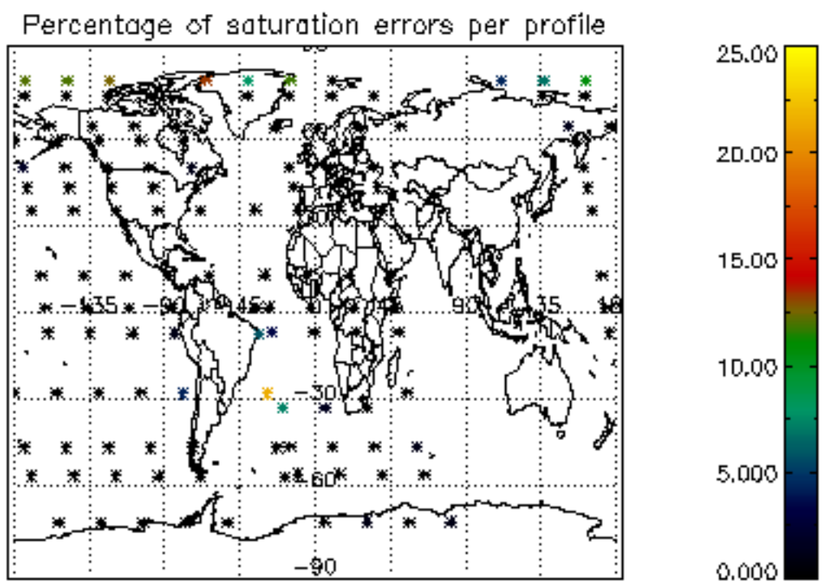

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
100
80
60
40
20
0
value (%)
00:00.00
04/05/2004
04:00.00
04/05/2004
08:00.00
04/05/2004
12:00.00
04/05/2004
16:00.00
04/05/2004
20:00.00
04/05/2004
00:00.00
05/05/2004
Time

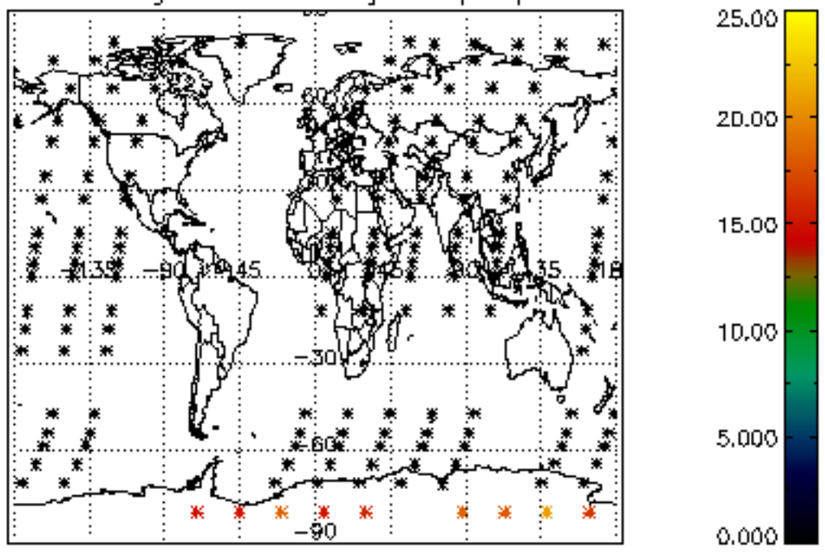

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
value (%)
40
35
30
25
20
15
10
5
0
00:00.00
04/05/2004
04:00.00
04/05/2004
08:00.00
04/05/2004
12:00.00
04/05/2004
16:00.00
04/05/2004
20:00.00
04/05/2004
00:00.00
05/05/2004
Time

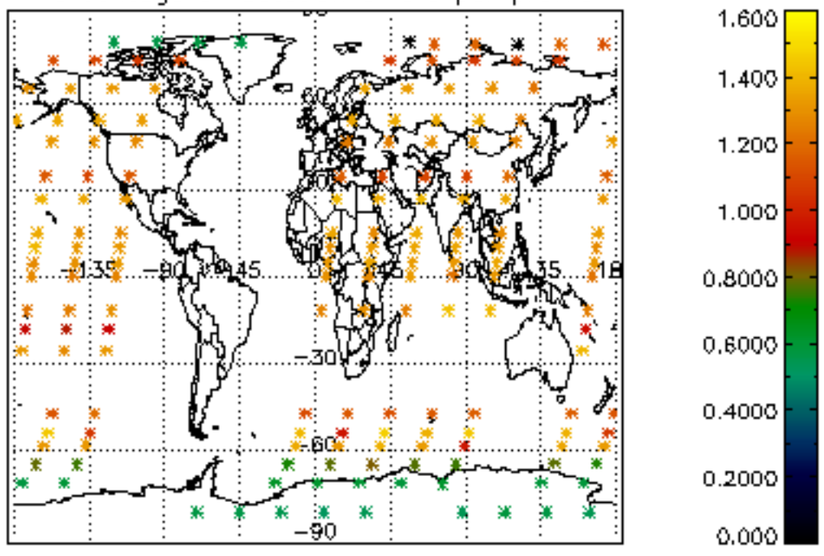

Percentage of cosmic ray hits per profile
100.0
80.00
60.00
40.00
20.00
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

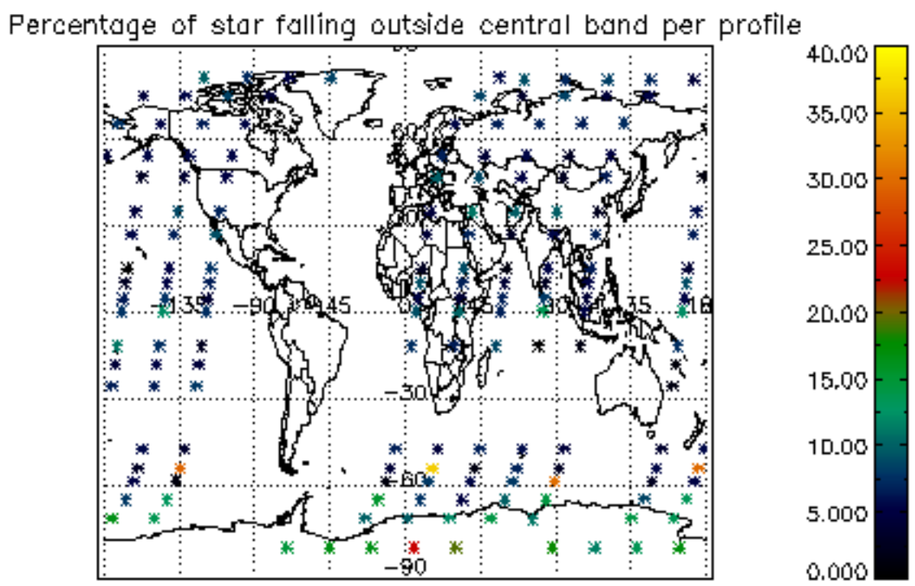

Percentage of datation errors per profile
6.000
5.000
4.000
3.000
2.000
1.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

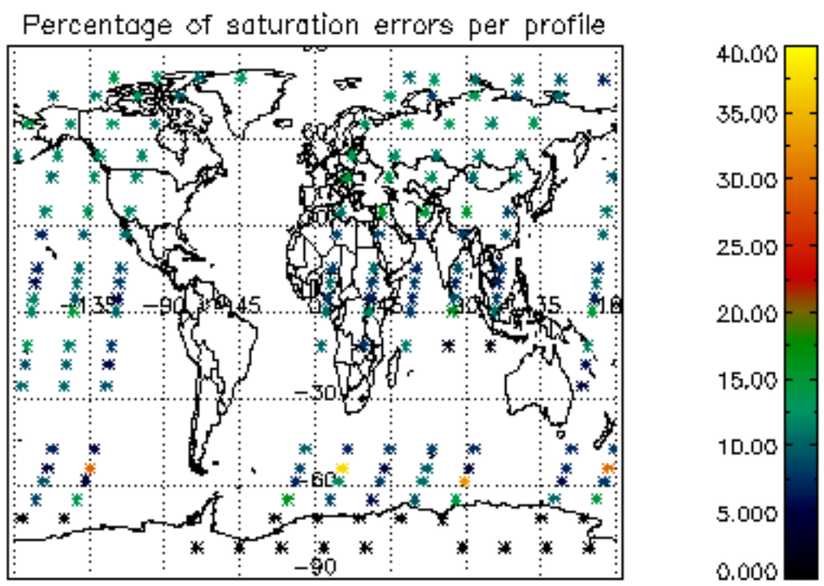

Percentage of star falling outside central band per profile
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

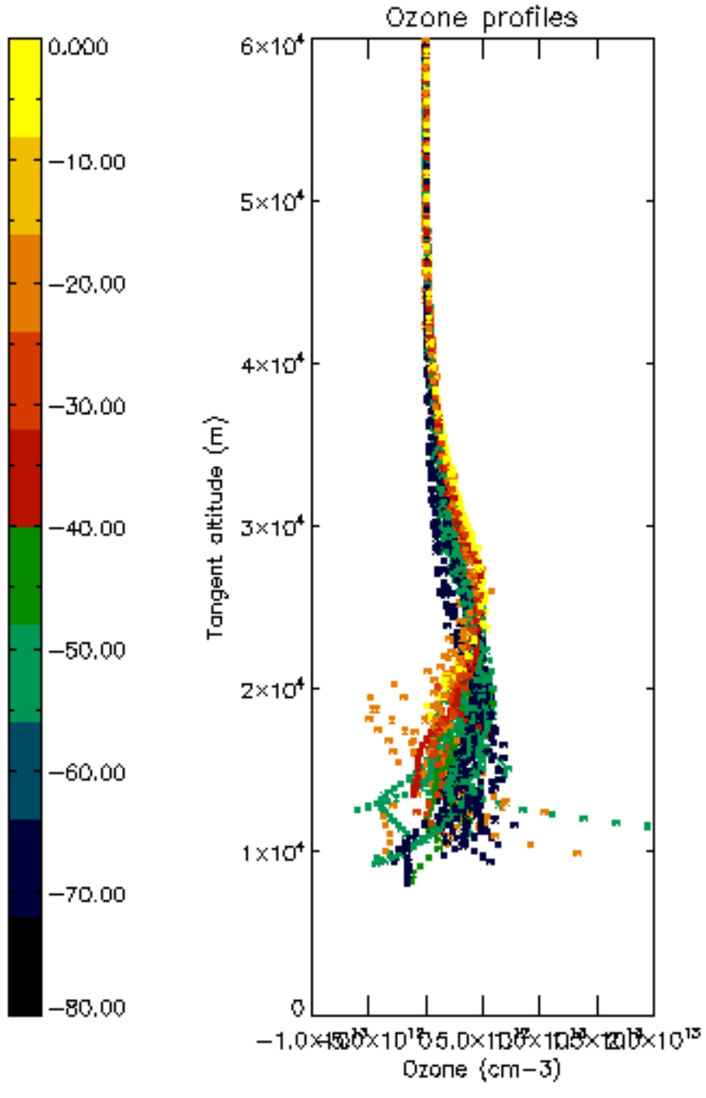

Percentage of saturation errors per profile
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

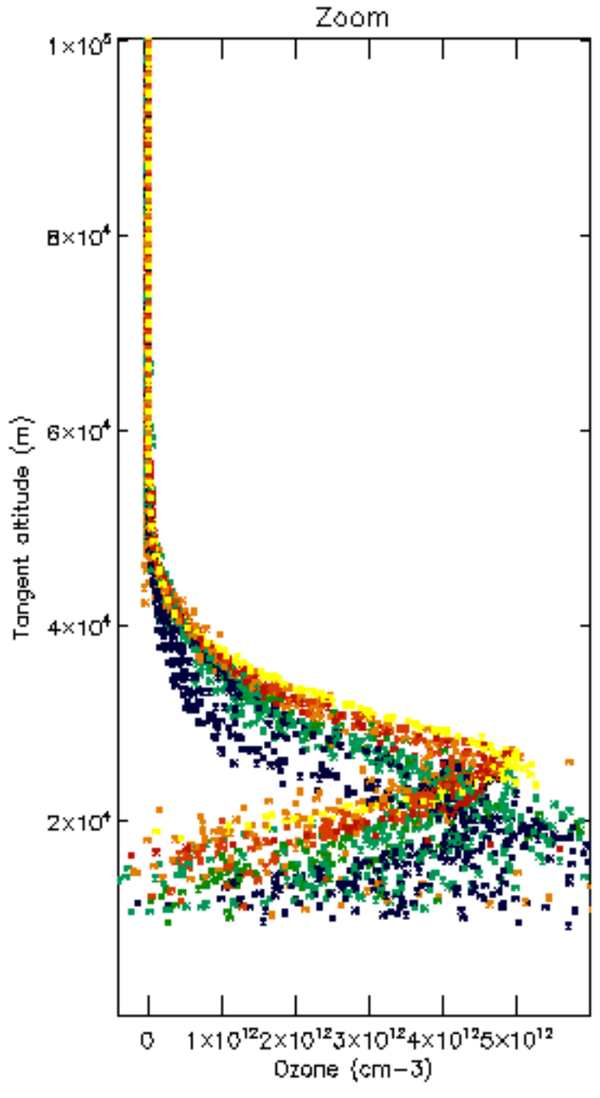

Percentage of cosmic ray hits per profile
25.00
20.00
15.00
10.00
5.000
0.000
-135
-90
-45
0
45
90
135
180
-30
-60
-90

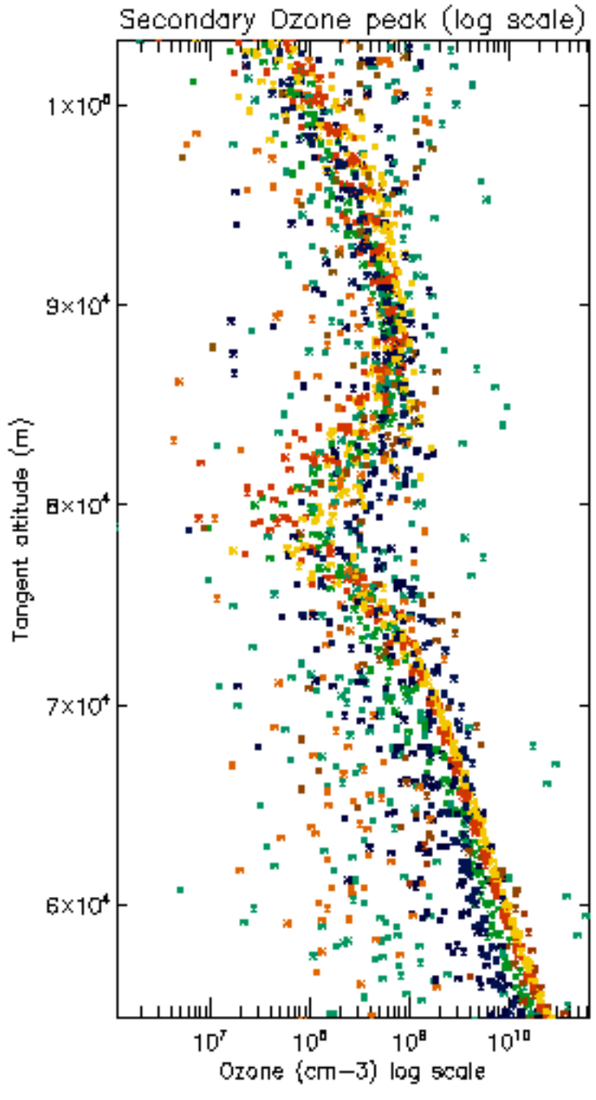

Percentage of datation errors per profile
1.600
1.400
1.200
1.000
0.8000
0.6000
0.4000
0.2000
0.000
-135
-90
-45
0
45
90
135
180
-30
-60
-90

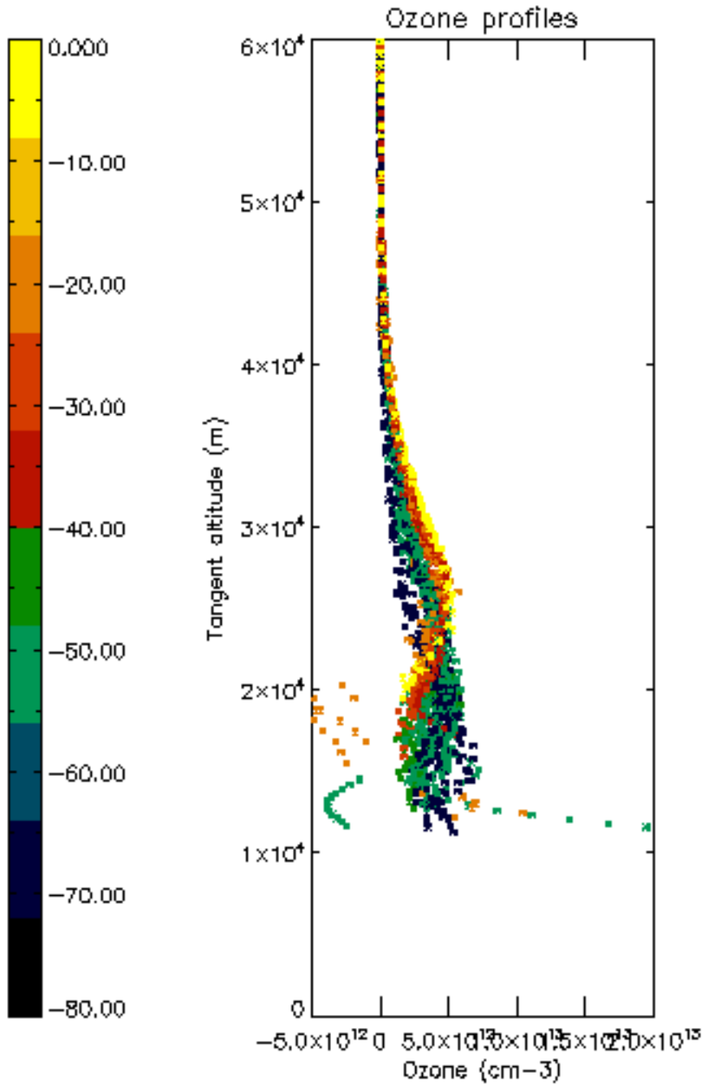

Percentage of star falling outside central band per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
-135
-90
-45
0
45
90
135
180
-30
-60
-90

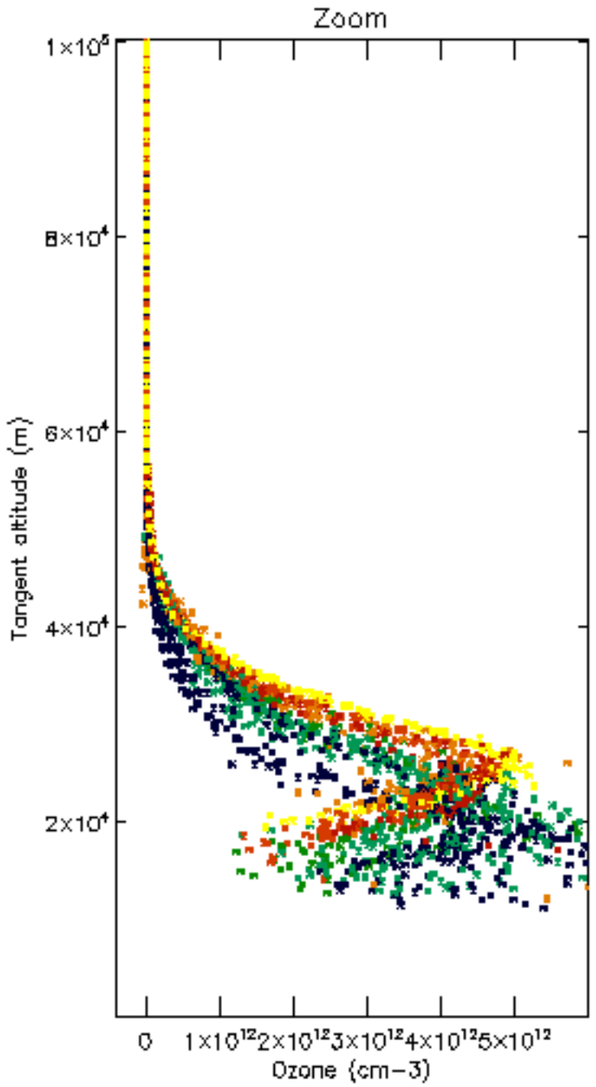

Percentage of saturation errors per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
-135
-90
-45
0
45
90
135
180
-30
-60
-90

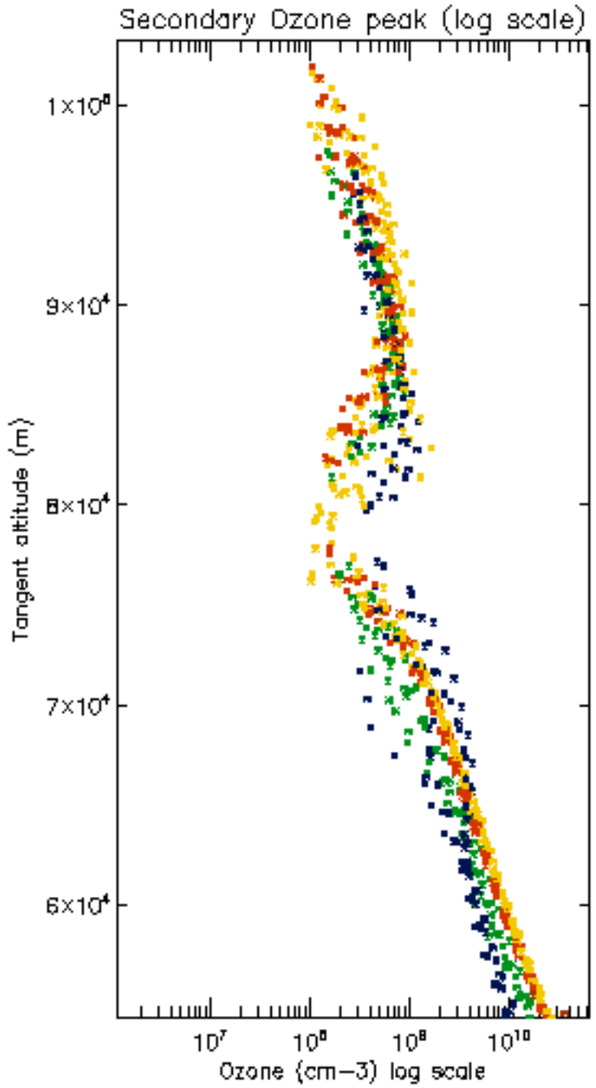

Ozone profiles
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
−80.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
Ozone (cm−3)

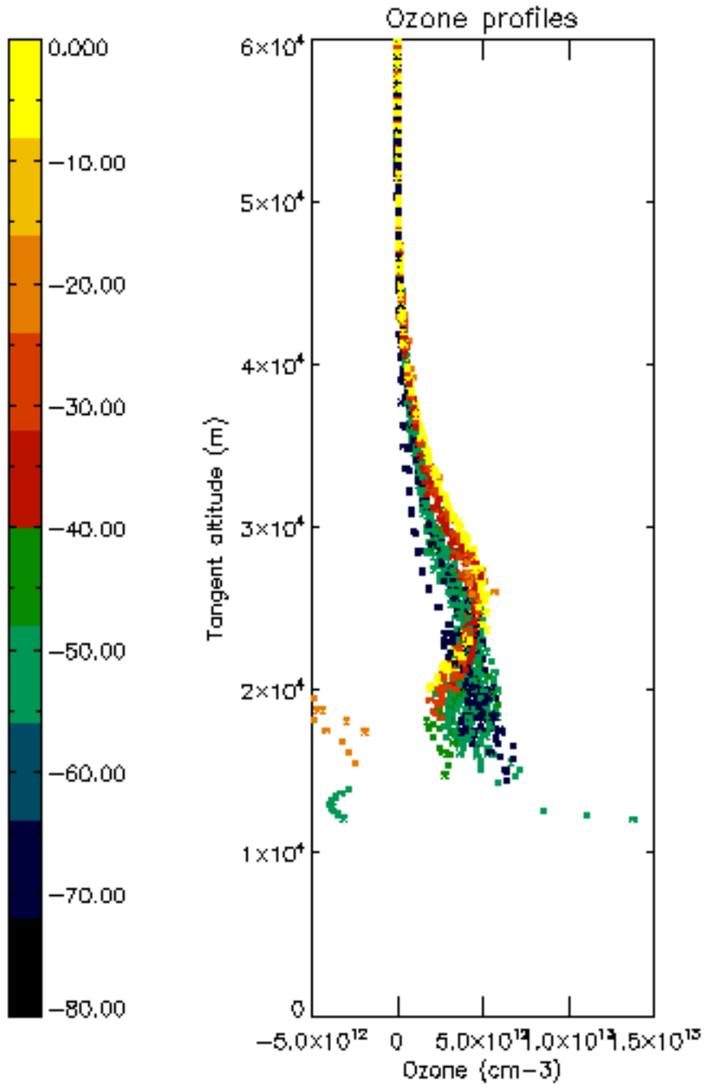

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)

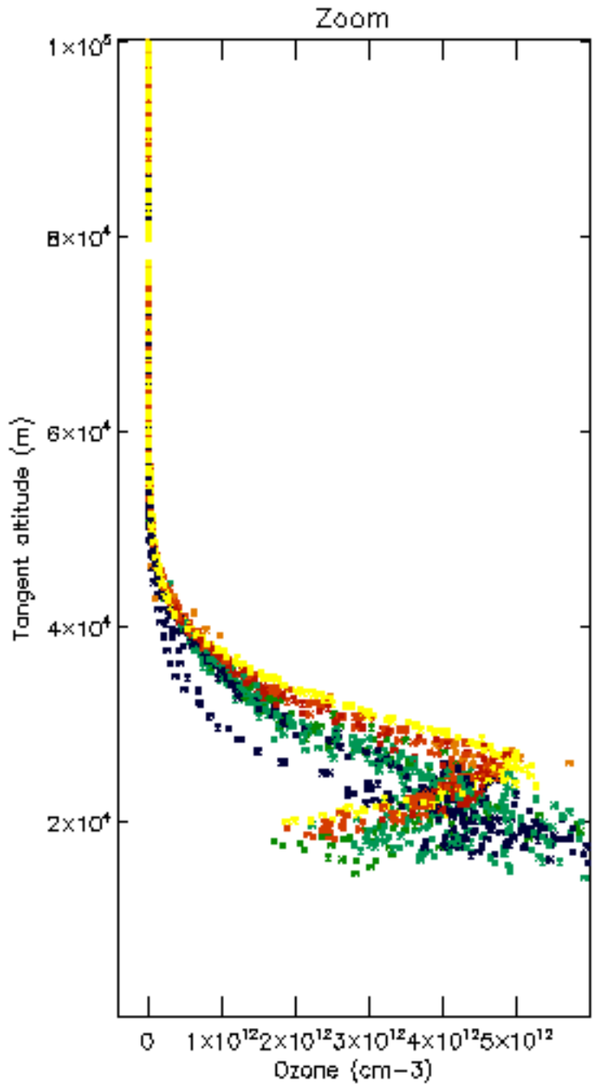

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m)
10⁷
10⁸
10⁹
10¹⁰
Ozone (cm−3) log scale

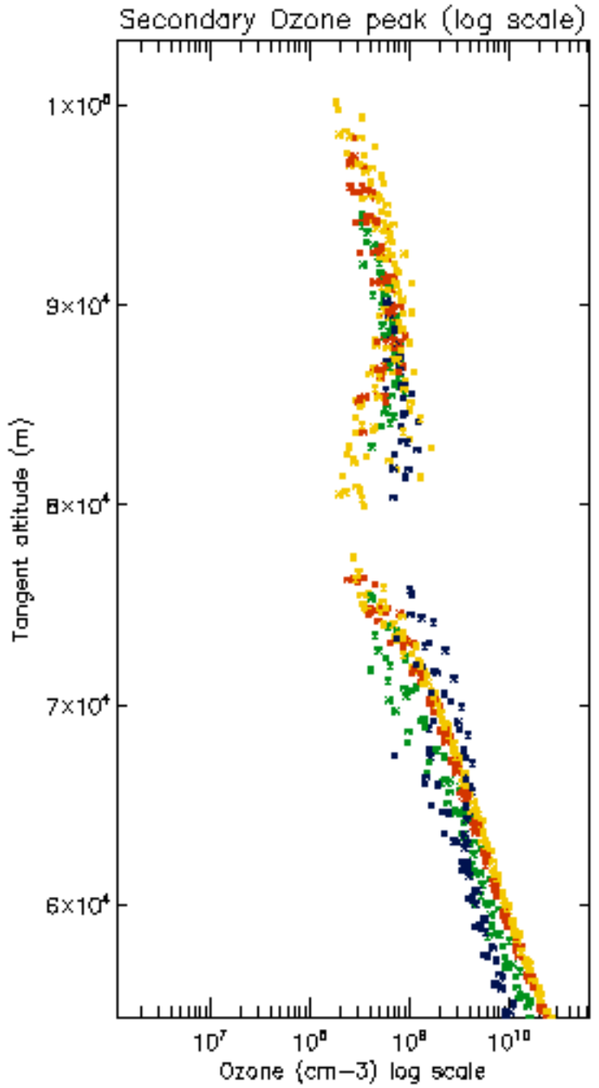

0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
−80.00
Ozone profiles
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−5.0×10¹² 0 5.0×10¹²
Ozone (cm−3)

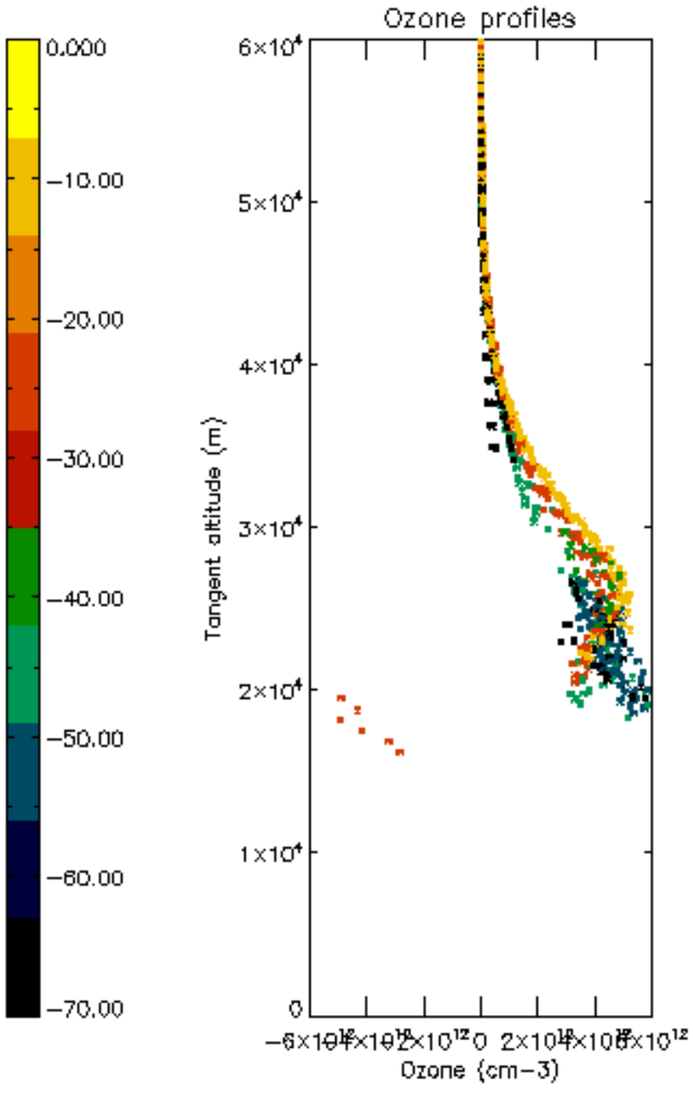

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0 1×10¹² 2×10¹² 3×10¹² 4×10¹² 5×10¹²
Ozone (cm−3)


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


Ozone profiles
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
−80.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m
−5.0×10¹²
0
5.0×10¹²
1.0×10¹³
1.5×10¹³
Ozone (cm−3)

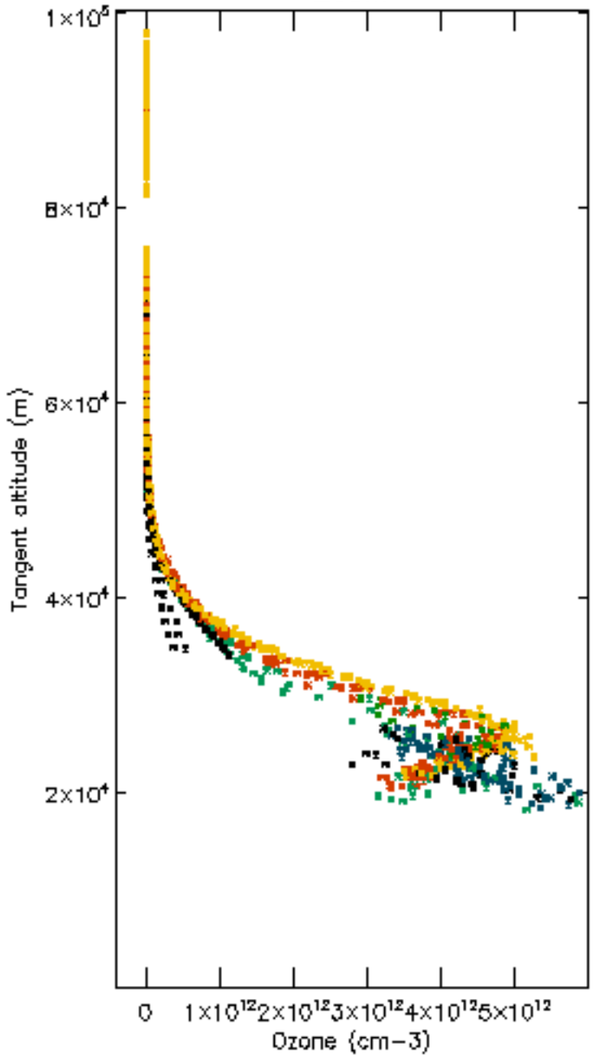

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)


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

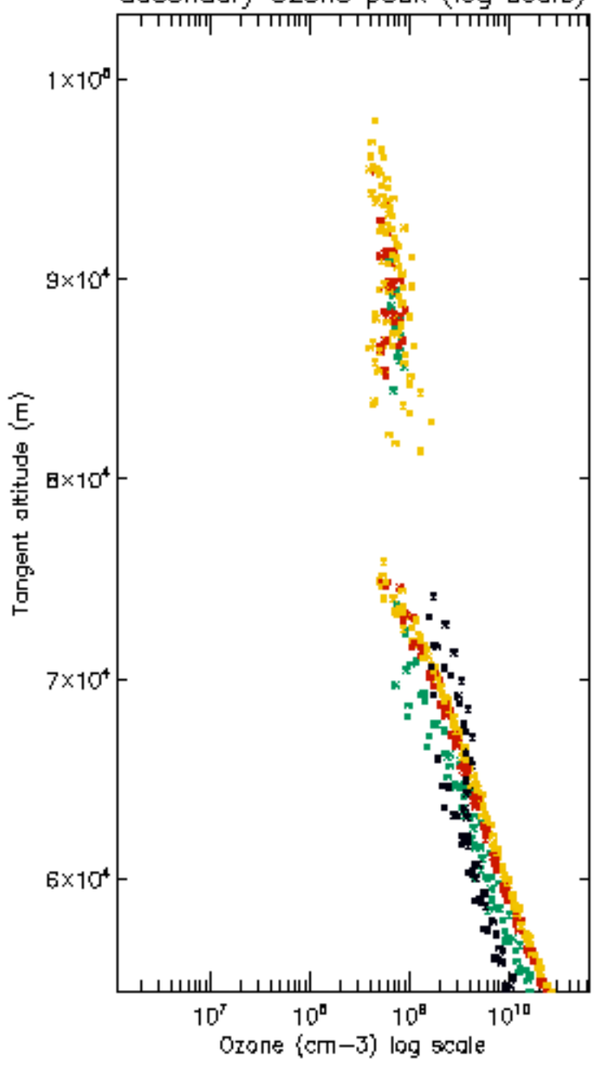


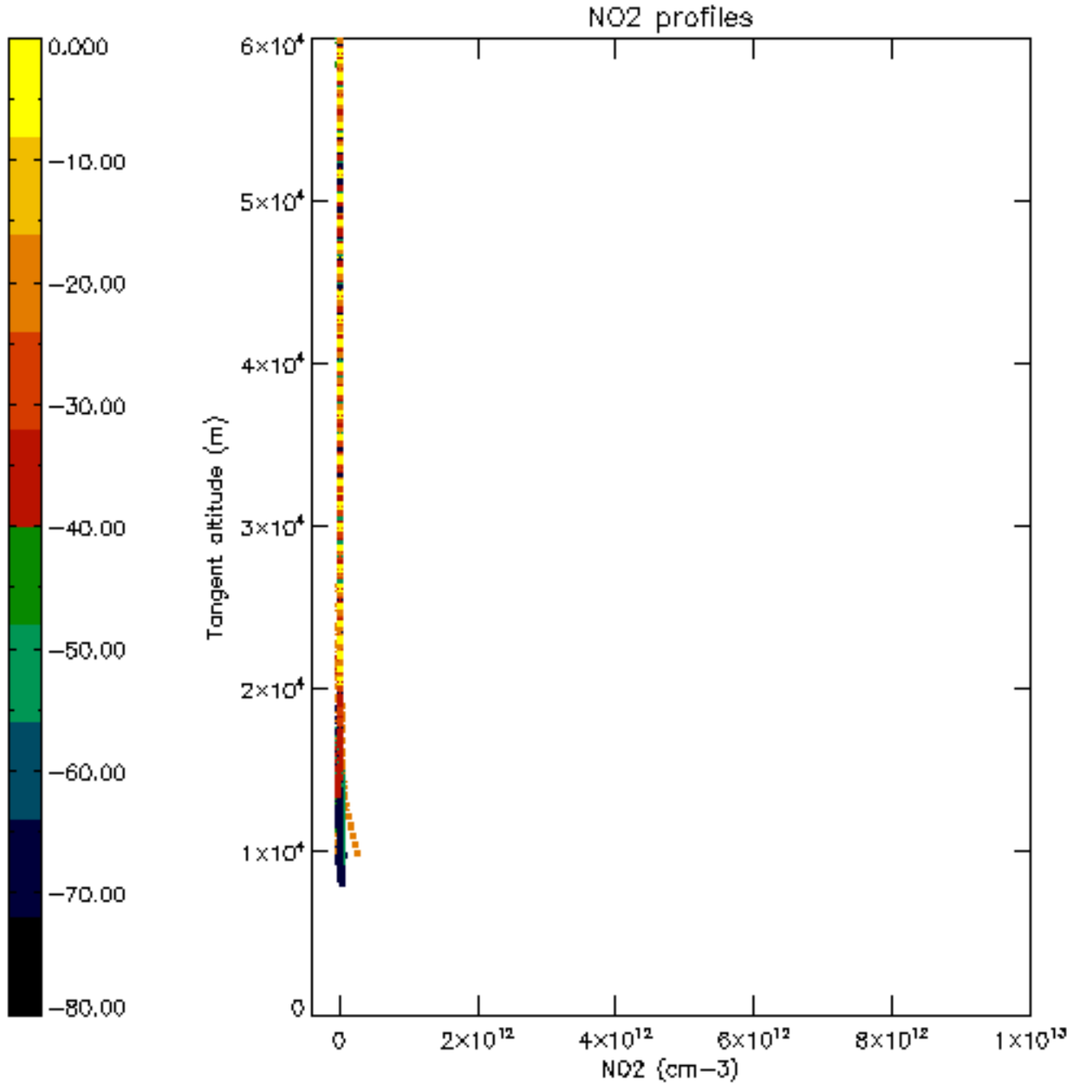
Ozone profiles

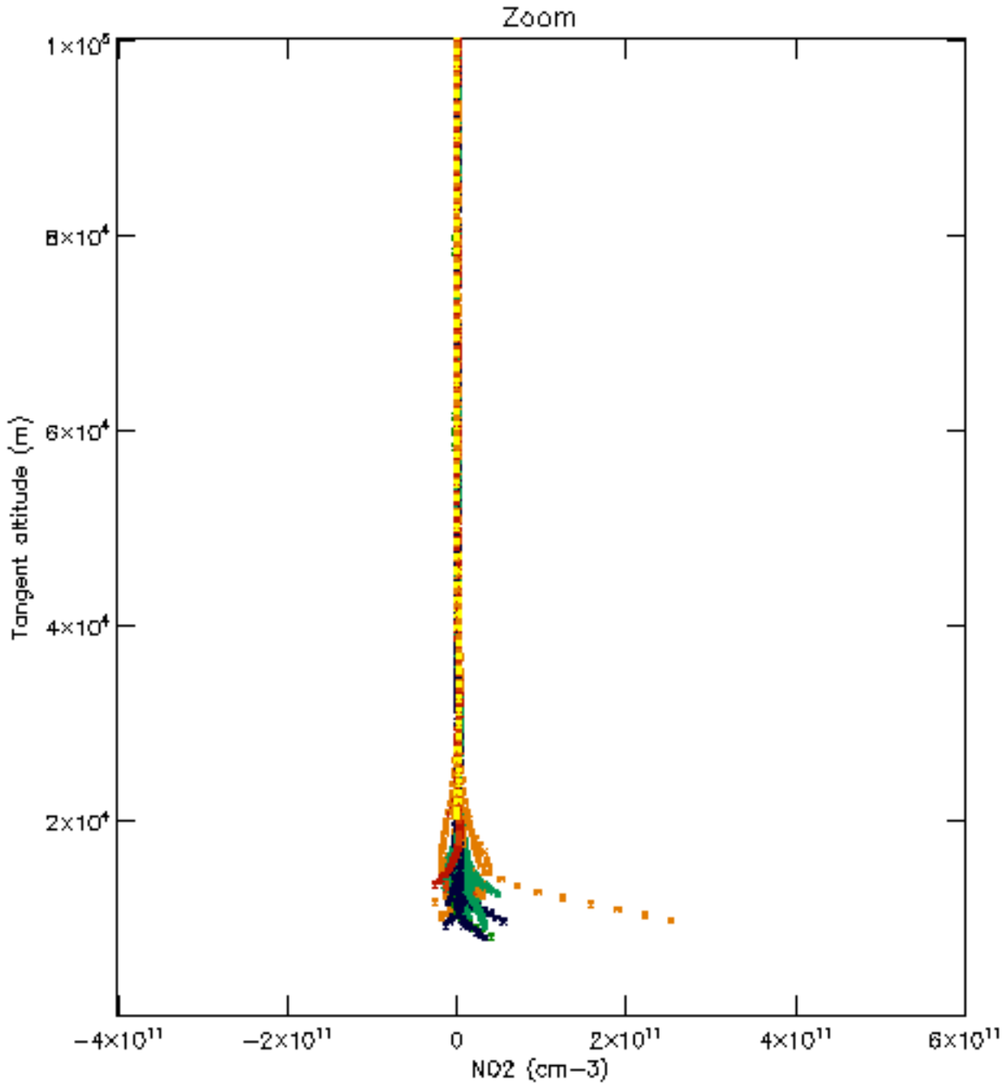
Zoom

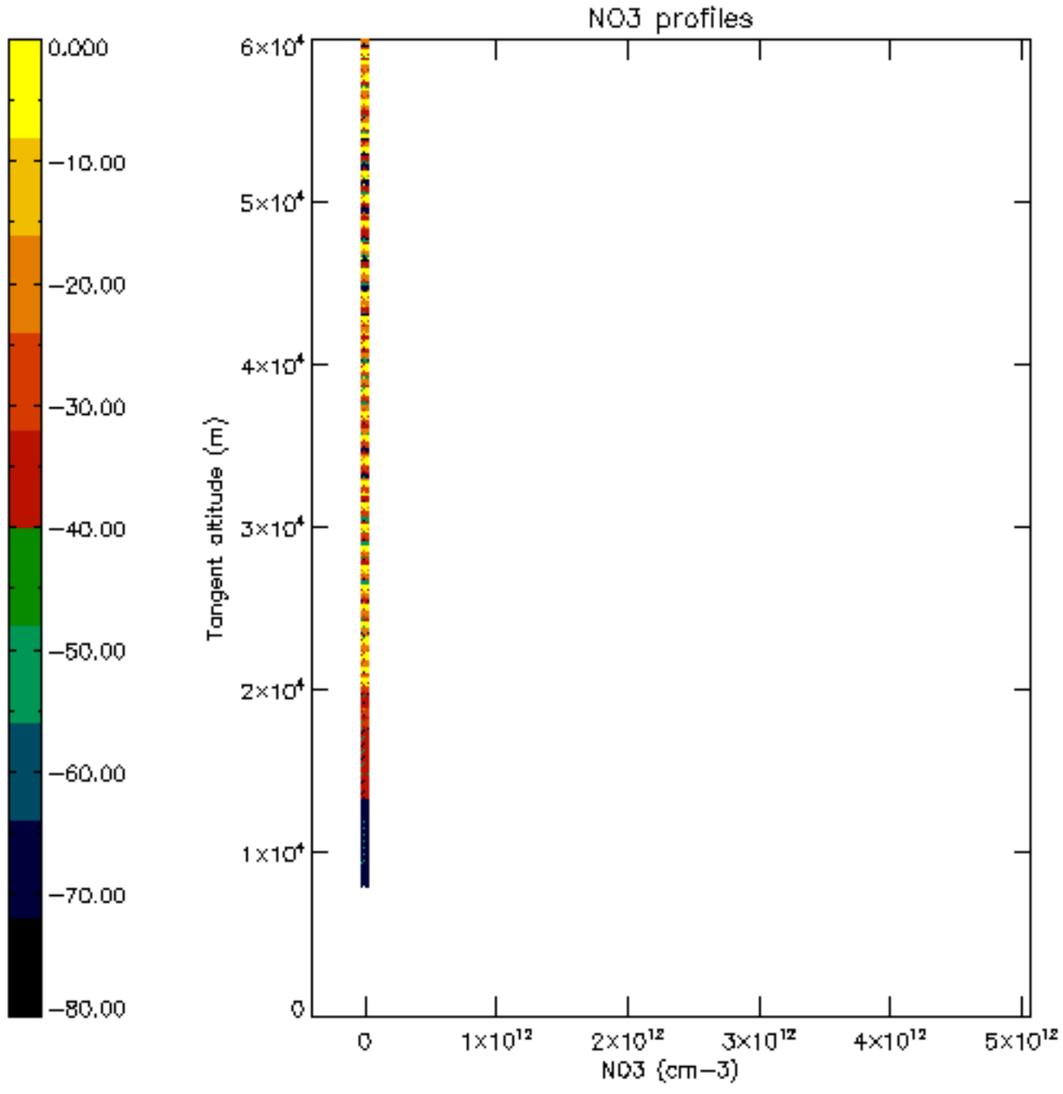


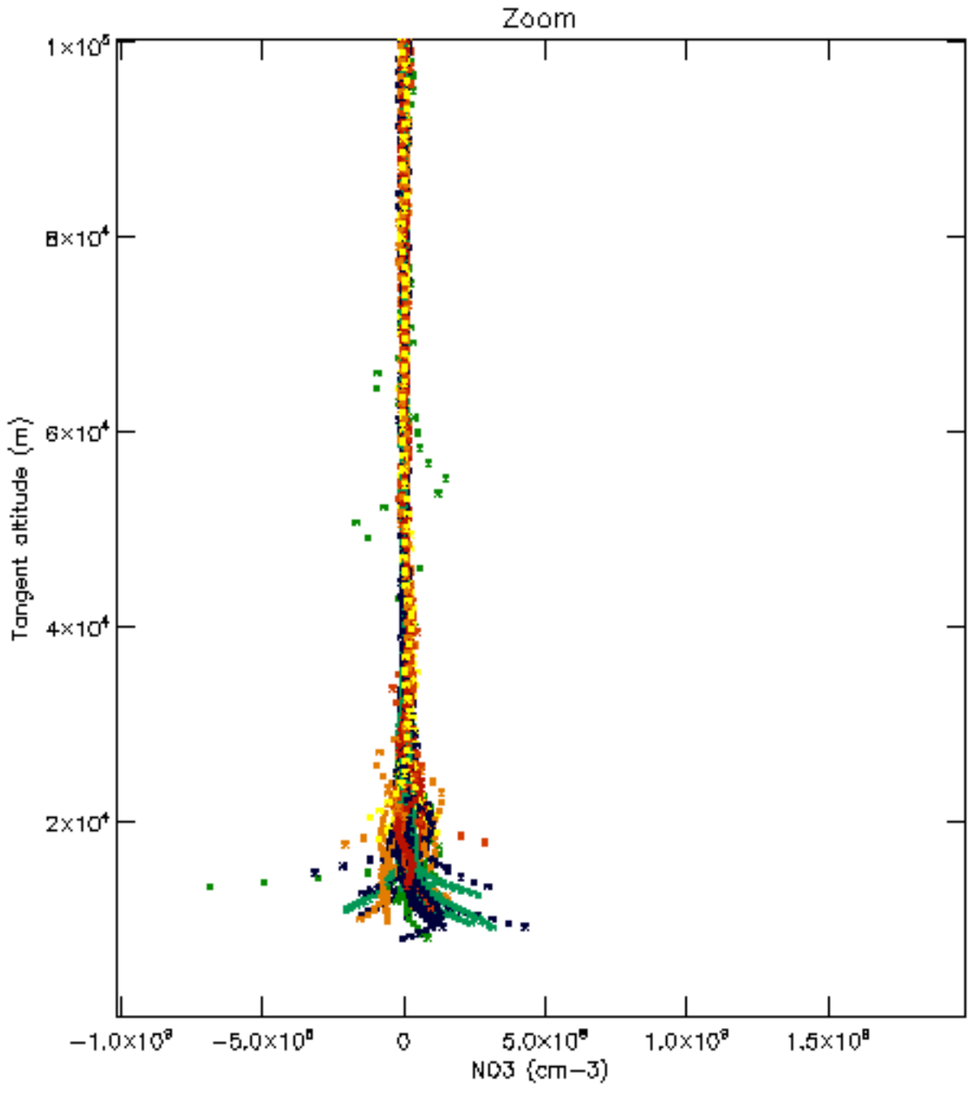
Secondary Ozone peak (log scale)

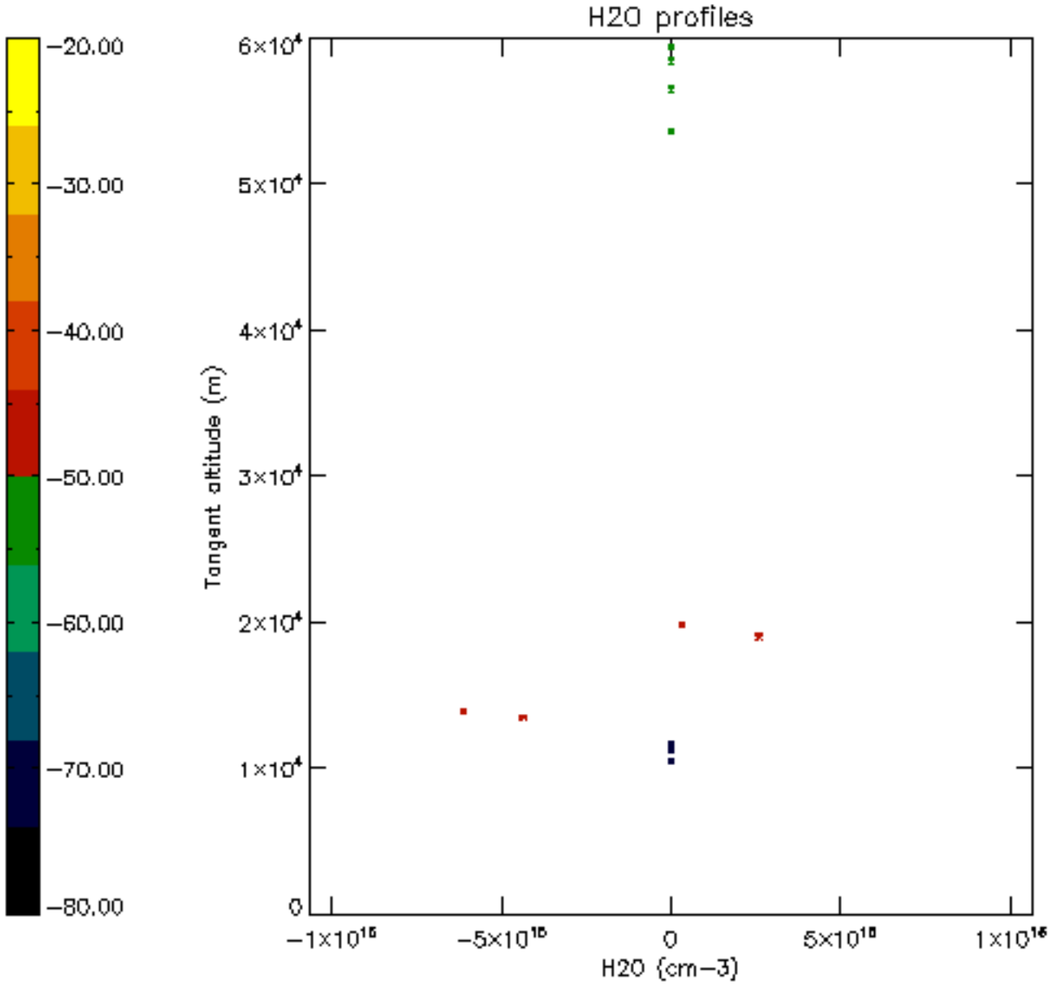


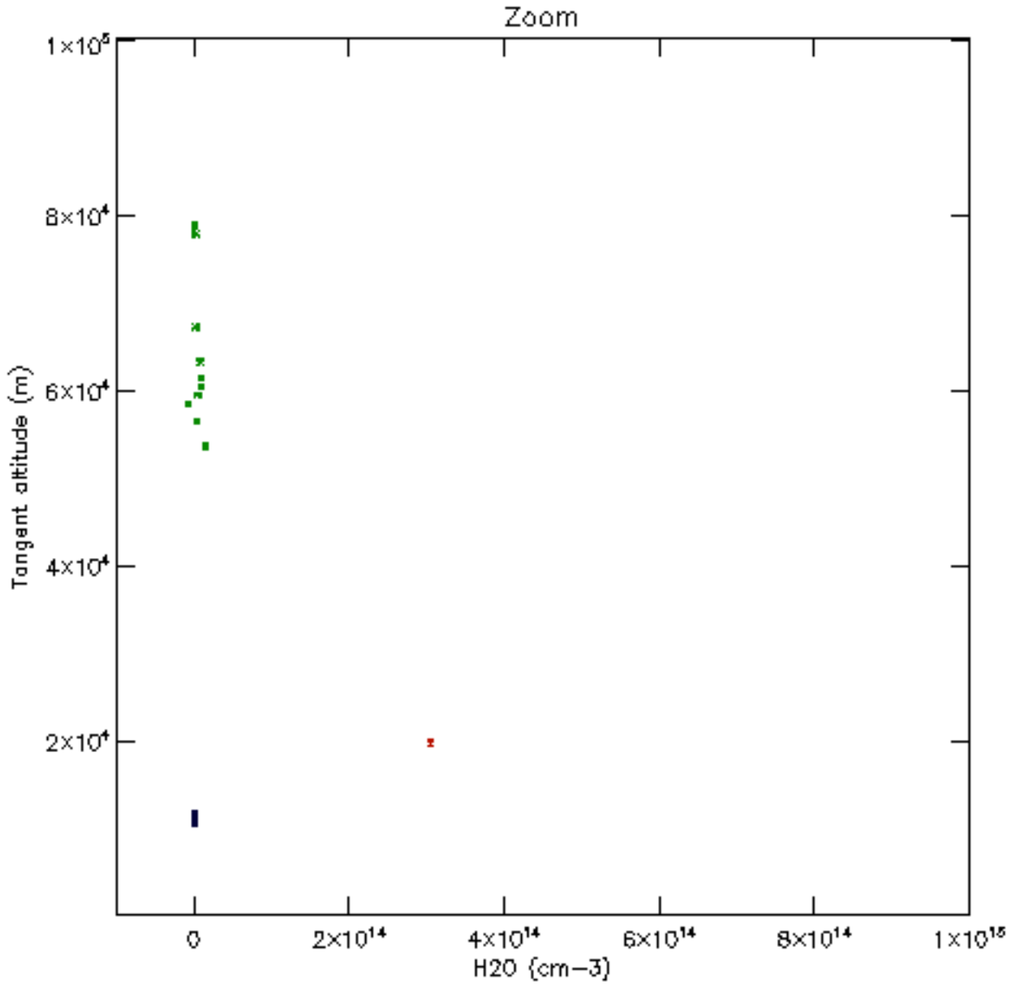

NO2 profiles
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
−80.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
2×10¹²
4×10¹²
6×10¹²
8×10¹²
1×10¹³
NO2 (cm−3)


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
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
−80.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
NO3 (cm−3)


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


H2O profiles
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
−80.00
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)